

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052220\
 Data File : VY002750.D
 Acq On : 22 May 2020 11:33
 Operator : SY/MD
 Sample : VY0522SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

Quant Time: May 22 16:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	335653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	492904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	455790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	140660	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.73	113	147145	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.18	98	588897	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.48	95	199756	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	48131	20.011	ug/l	98
3) Chloromethane	2.12	50	56974	20.684	ug/l	96
4) Vinyl Chloride	2.26	62	60081	20.932	ug/l	100
5) Bromomethane	2.64	94	41373	19.448	ug/l	98
6) Chloroethane	2.79	64	36504	19.888	ug/l	100
7) Trichlorofluoromethane	3.13	101	95457	19.734	ug/l	97
8) Diethyl Ether	3.54	74	32515	19.760	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	57350	19.559	ug/l	100
10) Methyl Iodide	4.10	142	77966	19.318	ug/l	99
11) Tert butyl alcohol	4.97	59	29678	111.305	ug/l	100
12) 1,1-Dichloroethene	3.88	96	59097	20.073	ug/l	97
13) Acrolein	3.74	56	28304	90.504	ug/l	97
14) Allyl chloride	4.49	41	84468	19.984	ug/l	99
15) Acrylonitrile	5.17	53	80893	108.569	ug/l	100
16) Acetone	3.96	43	57436	106.120	ug/l	97
17) Carbon Disulfide	4.20	76	177782	19.251	ug/l	100
18) Methyl Acetate	4.49	43	35641	23.096	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	152950	20.944	ug/l	99
20) Methylene Chloride	4.72	84	66405	20.297	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	65293	19.944	ug/l	96
22) Diisopropyl ether	6.13	45	174000	20.749	ug/l	99
23) Vinyl Acetate	6.07	43	558418	103.995	ug/l	99
24) 1,1-Dichloroethane	6.03	63	102505	20.456	ug/l	99
25) 2-Butanone	6.99	43	97610	109.000	ug/l	95
26) 2,2-Dichloropropane	6.99	77	93757	20.109	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	71512	20.216	ug/l	99
28) Bromochloromethane	7.35	49	42885	21.634	ug/l	98
29) Tetrahydrofuran	7.36	42	67189	110.274	ug/l	99
30) Chloroform	7.52	83	107413	20.653	ug/l	98
31) Cyclohexane	7.79	56	99737	19.624	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	97817	20.355	ug/l	100
36) 1,1-Dichloropropene	7.93	75	84097	20.154	ug/l	100
37) Ethyl Acetate	7.08	43	45132	21.991	ug/l	99
38) Carbon Tetrachloride	7.91	117	91119	20.318	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	110720	19.734	ug/l	97
40) Benzene	8.17	78	248781	20.434	ug/l	98
41) Methacrylonitrile	7.33	41	26054m	21.130	ug/l	
42) 1,2-Dichloroethane	8.24	62	66108	20.587	ug/l	99
43) Isopropyl Acetate	8.28	43	82544	21.642	ug/l	99
44) Trichloroethene	8.94	130	79383	20.455	ug/l	98
45) 1,2-Dichloropropane	9.22	63	58471	20.235	ug/l	96
46) Dibromomethane	9.31	93	33802	20.821	ug/l	99
47) Bromodichloromethane	9.50	83	81356	20.534	ug/l	98
48) Methyl methacrylate	9.30	41	36998	21.068	ug/l	99
49) 1,4-Dioxane	9.30	88	9992	451.910	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	220935	112.195	ug/l	99
52) Toluene	10.25	92	160910	20.423	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	88664	20.966	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	101964	20.798	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	50850	21.039	ug/l	99
56) Ethyl methacrylate	10.51	69	68099	21.164	ug/l	99
57) 1,3-Dichloropropane	10.79	76	86059	21.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	172660	108.697	ug/l	100
59) 2-Hexanone	10.83	43	154287	112.458	ug/l	99
60) Dibromochloromethane	10.99	129	65424	21.189	ug/l	99
61) 1,2-Dibromoethane	11.09	107	50701	21.292	ug/l	100
64) Tetrachloroethene	10.72	164	89646	20.717	ug/l	99
65) Chlorobenzene	11.52	112	176114	19.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66259	20.270	ug/l	99
67) Ethyl Benzene	11.60	91	313112	20.247	ug/l	99
68) m/p-Xylenes	11.70	106	244093	40.571	ug/l	99
69) o-Xylene	12.03	106	114535	20.283	ug/l	99
70) Styrene	12.04	104	197180	20.338	ug/l	99
71) Bromoform	12.21	173	41807	20.691	ug/l #	96
73) Isopropylbenzene	12.33	105	313802	19.829	ug/l	100
74) N-amyl acetate	12.14	43	77650	20.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	48680	20.889	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42227m	21.225	ug/l	
77) Bromobenzene	12.61	156	79269	20.035	ug/l	99
78) n-propylbenzene	12.67	91	365948	19.878	ug/l	100
79) 2-Chlorotoluene	12.75	91	201362	19.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	262318	19.727	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22735	21.611	ug/l #	80
82) 4-Chlorotoluene	12.85	91	212352	19.854	ug/l	99
83) tert-Butylbenzene	13.08	119	231086	19.636	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	264380	19.894	ug/l	100
85) sec-Butylbenzene	13.25	105	322207	19.841	ug/l	100
86) p-Isopropyltoluene	13.37	119	301477	19.834	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	151958	19.920	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	150551	19.823	ug/l	99
89) n-Butylbenzene	13.70	91	273666	19.605	ug/l	99
90) Hexachloroethane	13.96	117	55111	19.575	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	137723	20.131	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9862	22.068	ug/l	94

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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration

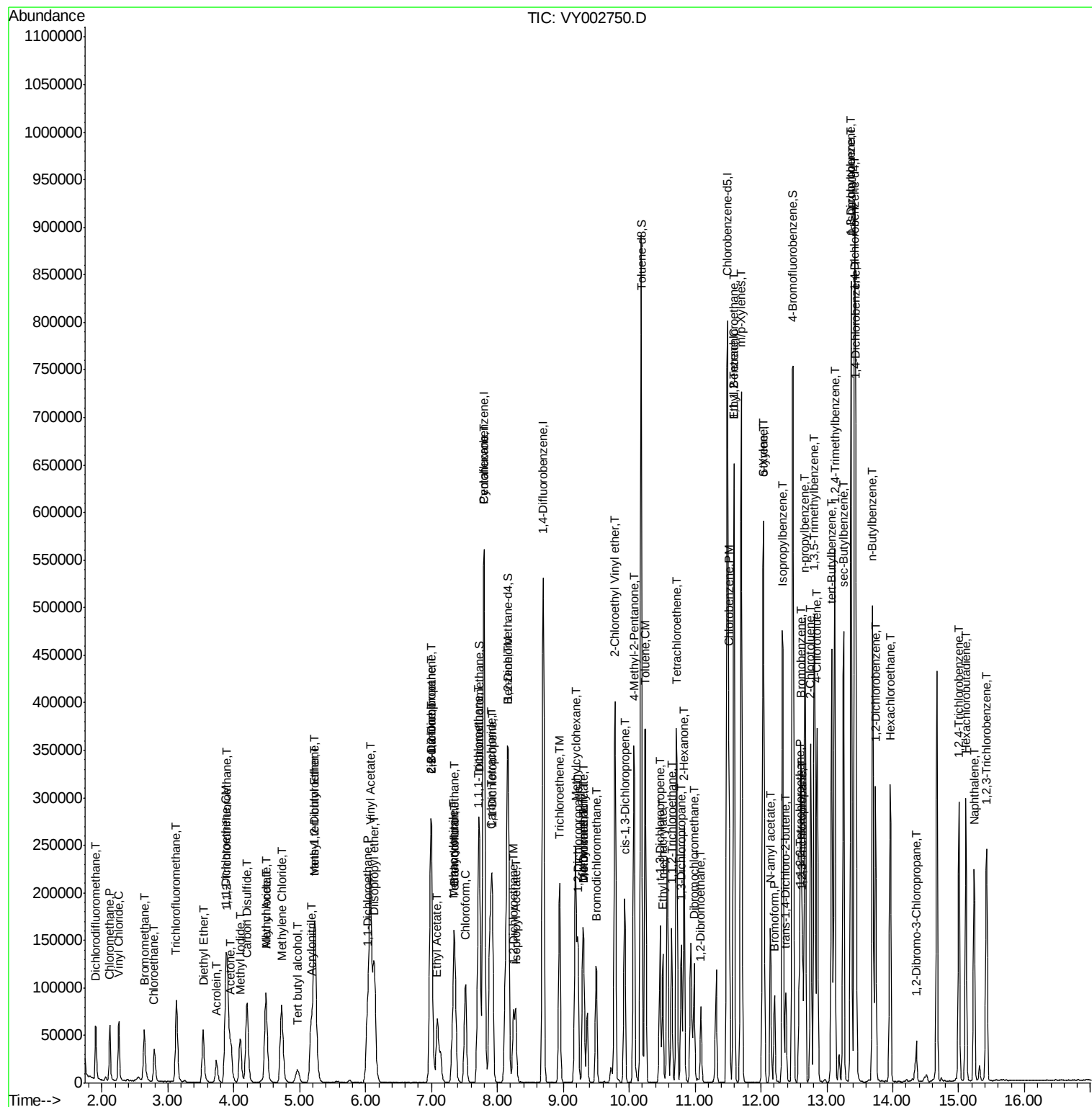
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	101053	18.483	ug/l	99
94) Hexachlorobutadiene	15.11	225	60123	18.084	ug/l	99
95) Naphthalene	15.23	128	187115	19.859	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	87123	18.630	ug/l	100

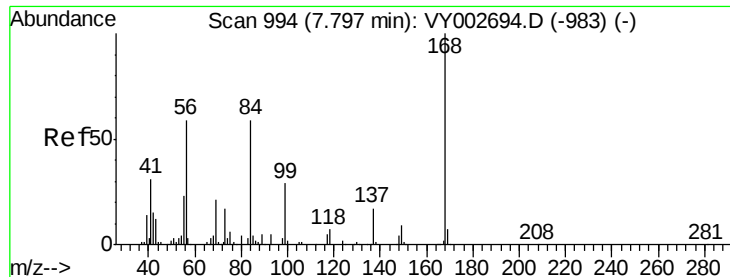
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Quant Title : SW846 8260
QLast Update : Sat May 16 04:52:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

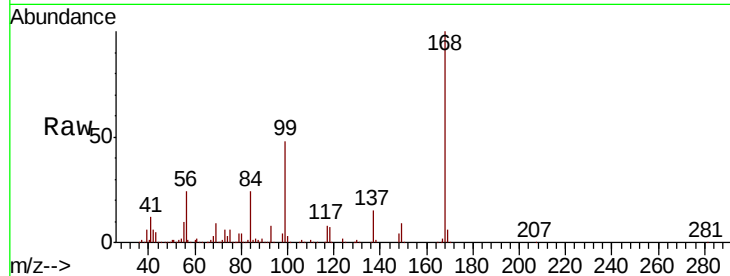
VY0522SBSD01

Tot Ion:168 Resp: 335653

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002750.D

Ion 98.90 (98.60 to 99.60): VY002750.D

7.80

150000

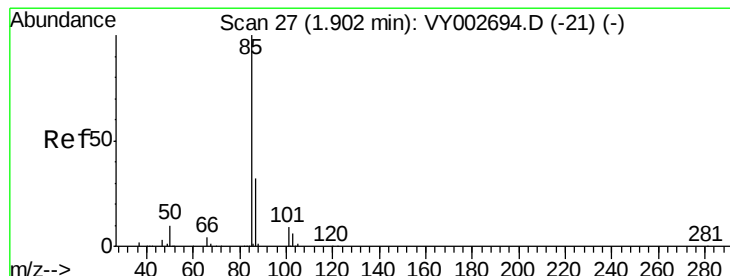
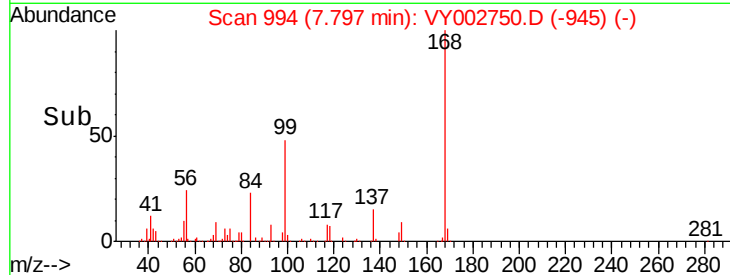
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.011 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002750.D

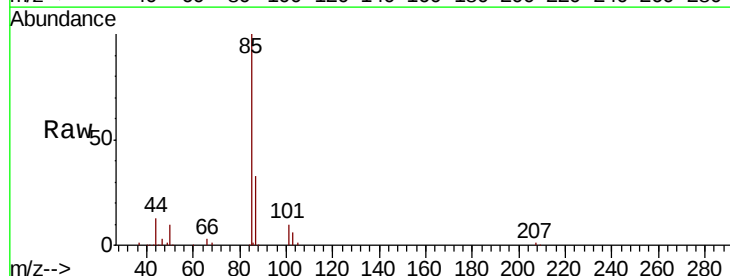
Acq: 22 May 2020 11:33

Tgt Ion: 85 Resp: 48131

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002750.D

Ion 86.90 (86.60 to 87.60): VY002750.D

1.90

30000

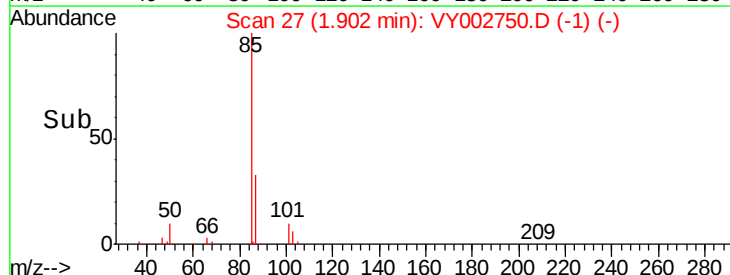
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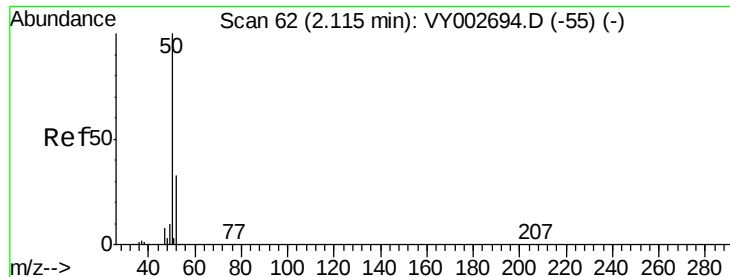
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0

1.80 1.90 2.00

Time-->

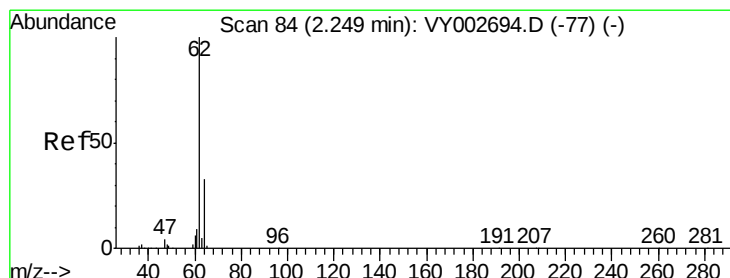
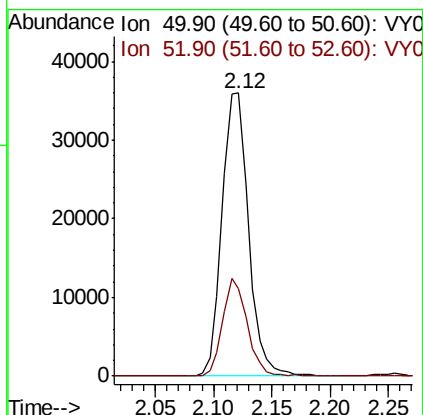
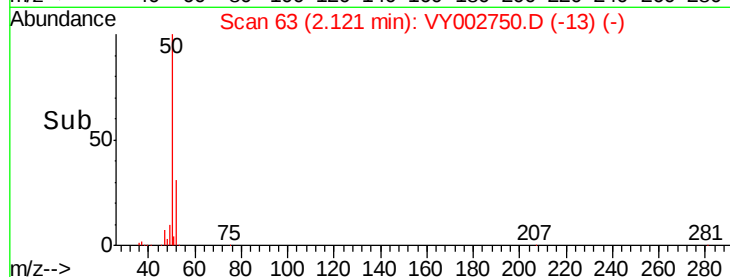
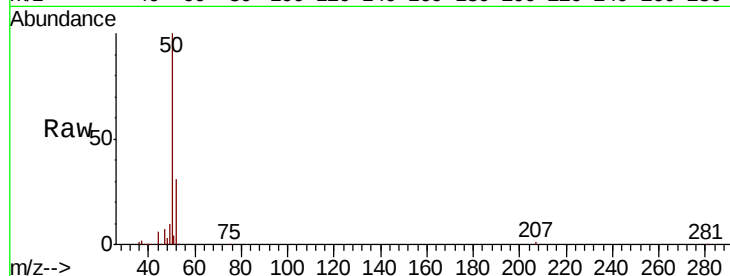




#3
Chloromethane
Concen: 20.684 ug/l
RT: 2.12 min Scan# 63
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

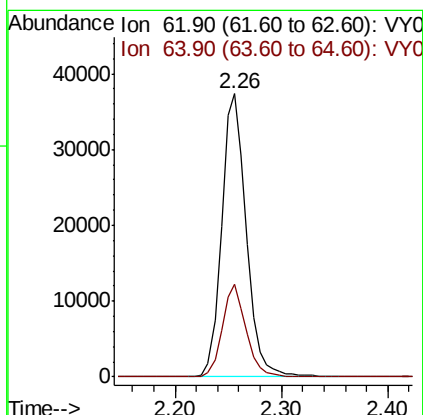
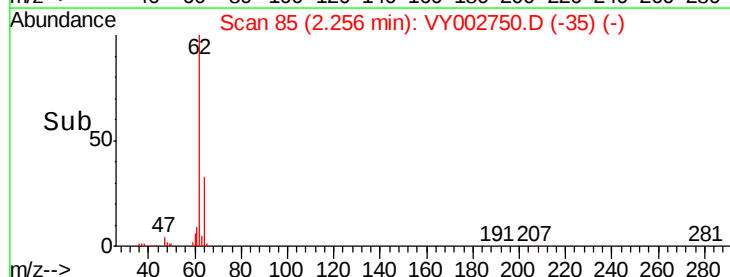
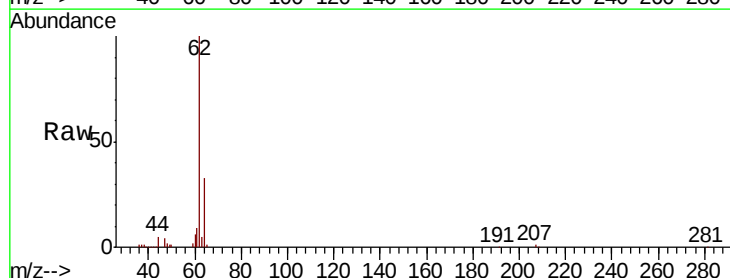
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

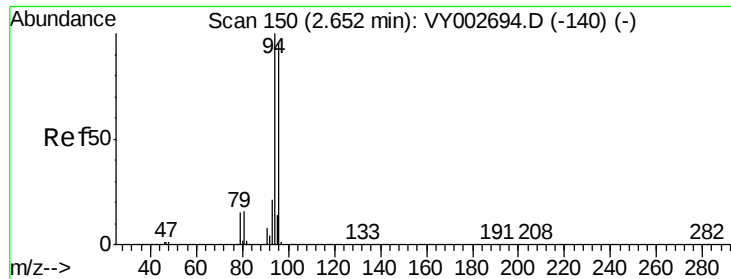
Tot Ion: 50 Resp: 56974
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5



#4
Vinyl Chloride
Concen: 20.932 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 62 Resp: 60081
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





#5

Bromomethane

Concen: 19.448 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

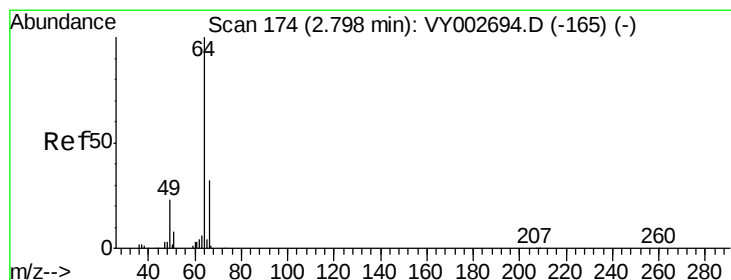
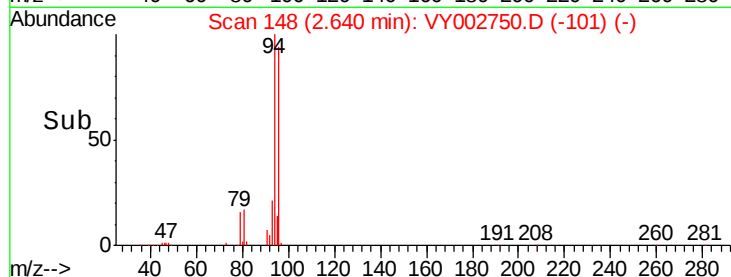
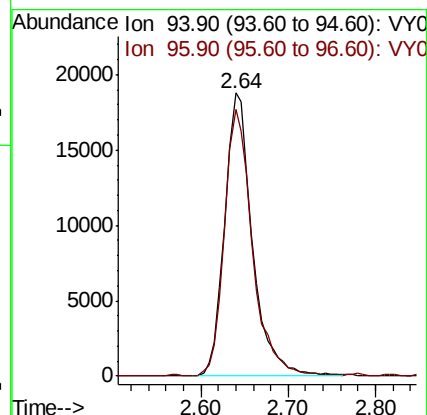
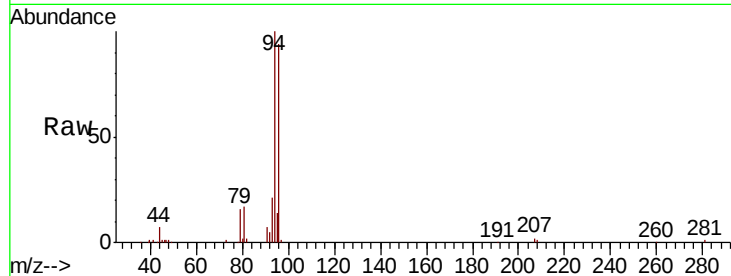
VY0522SBS01

Tot Ion: 94 Resp: 41373

Ion Ratio Lower Upper

94 100

96 93.7 76.8 115.2



#6

Chloroethane

Concen: 19.888 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002750.D

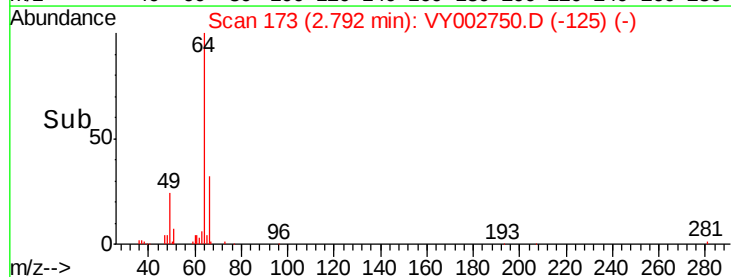
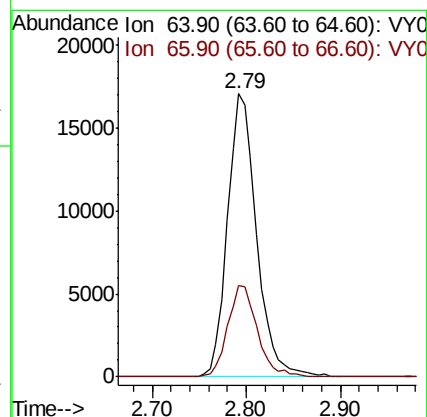
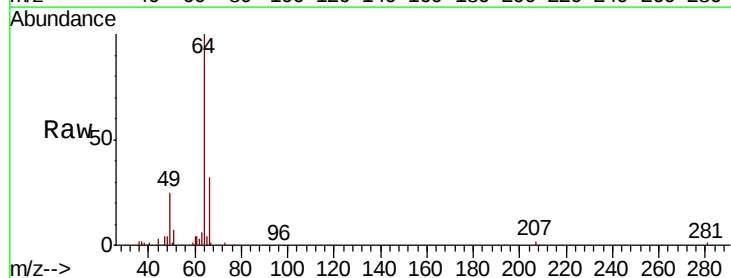
Acq: 22 May 2020 11:33

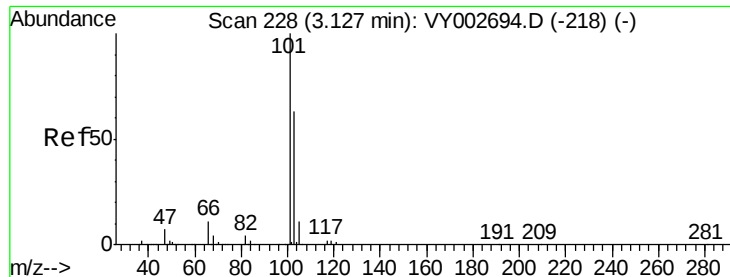
Tgt Ion: 64 Resp: 36504

Ion Ratio Lower Upper

64 100

66 32.2 25.9 38.9



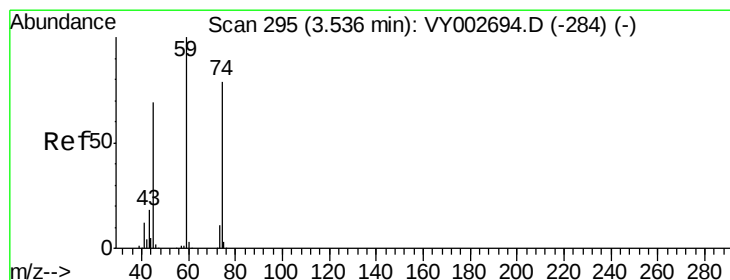
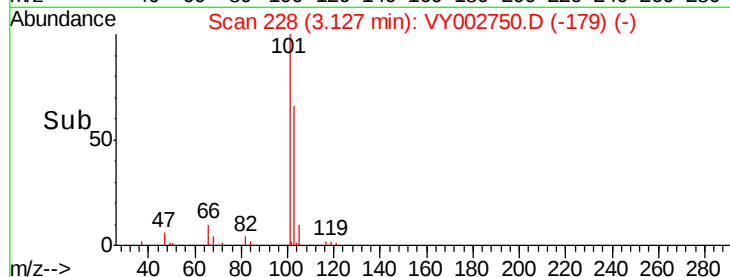
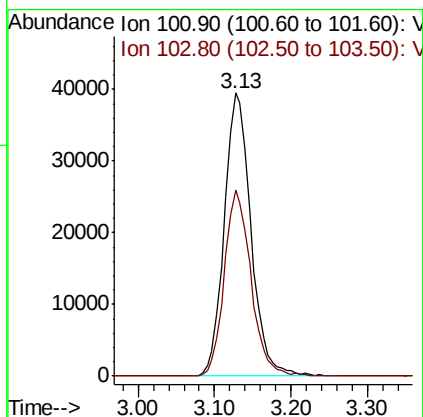
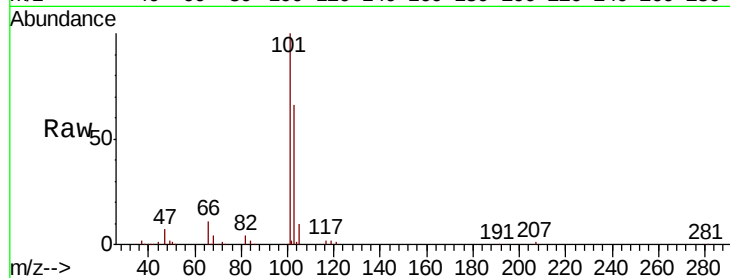


#7

Trichlorofluoromethane
 Concen: 19.734 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

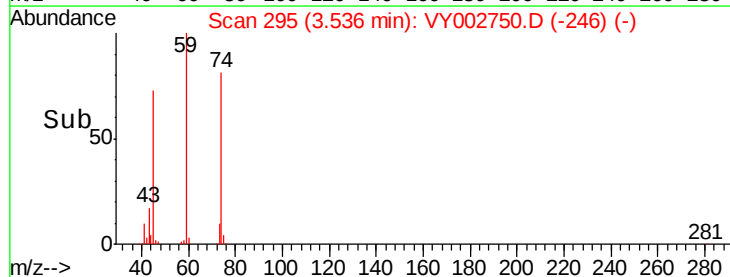
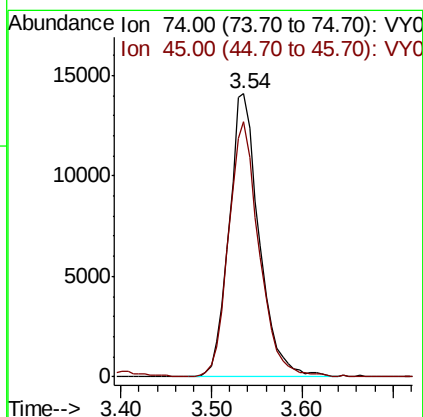
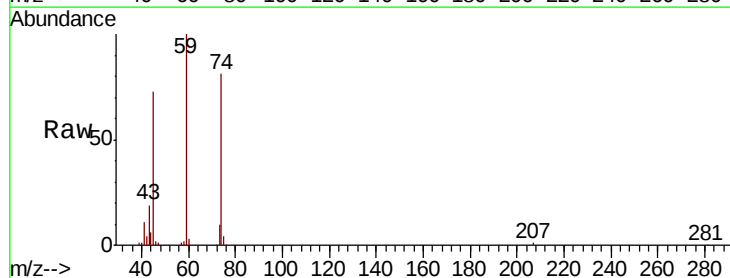
Tot Ion:101 Resp: 95457
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.6 75.8

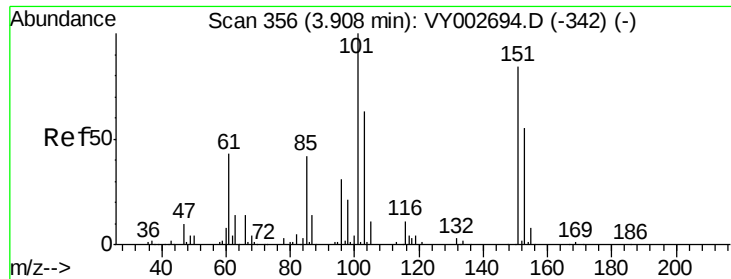


#8

Diethyl Ether
 Concen: 19.760 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion: 74 Resp: 32515
 Ion Ratio Lower Upper
 74 100
 45 91.1 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.559 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

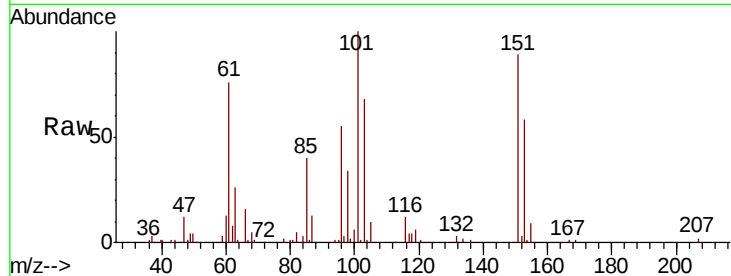
Tot Ion:101 Resp: 57350

Ion Ratio Lower Upper

101 100

85 42.2 33.5 50.3

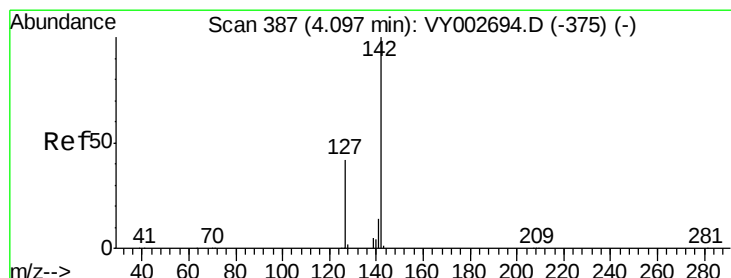
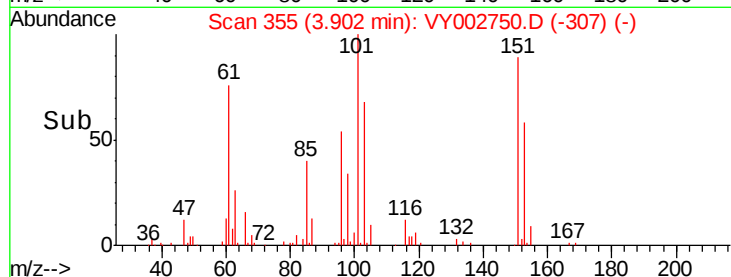
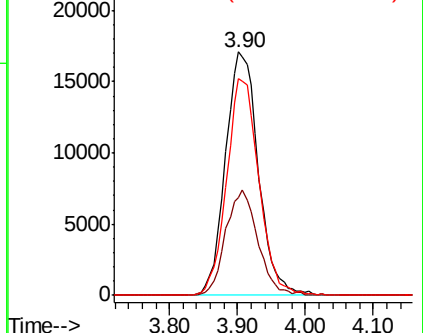
151 87.3 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.318 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

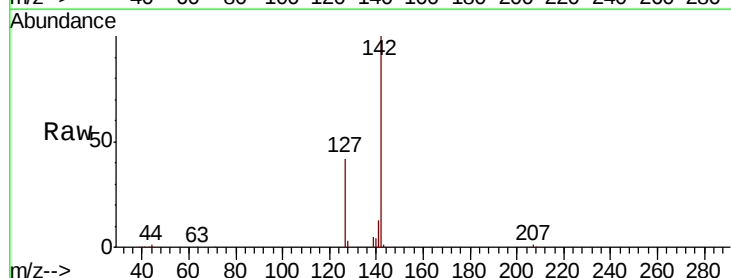
Tgt Ion:142 Resp: 77966

Ion Ratio Lower Upper

142 100

127 41.5 32.8 49.2

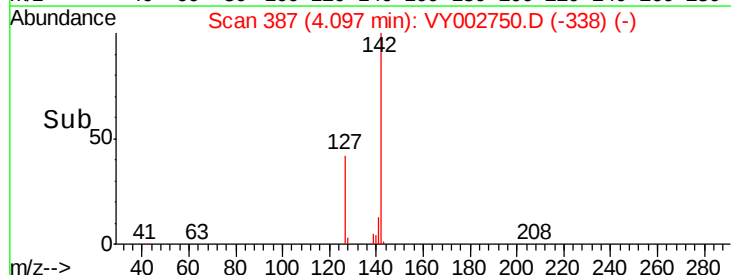
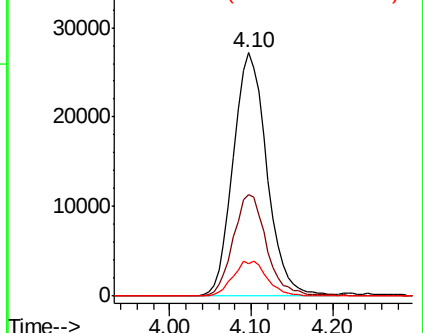
141 14.6 11.3 16.9

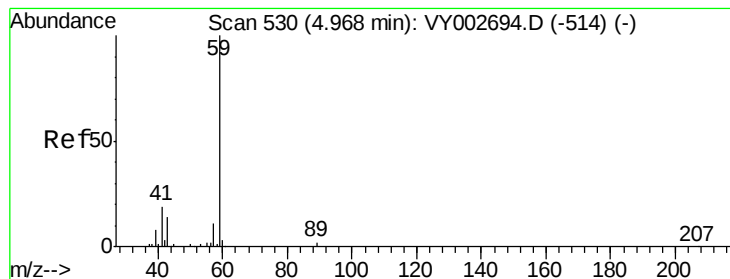


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



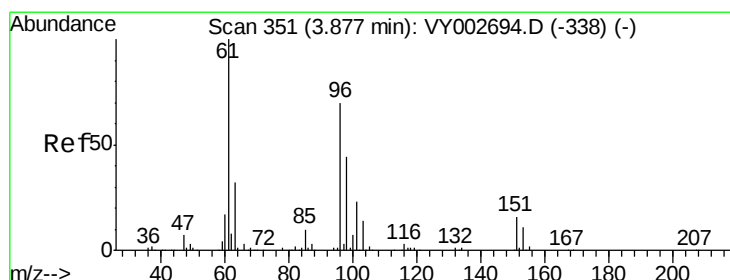
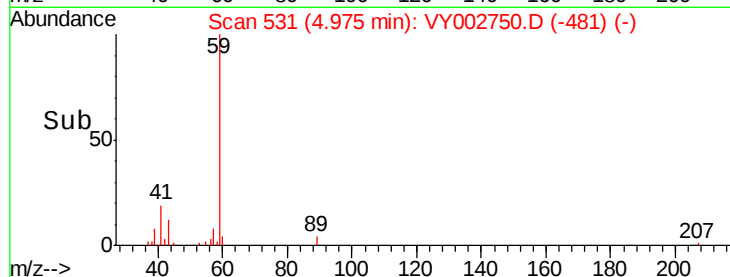
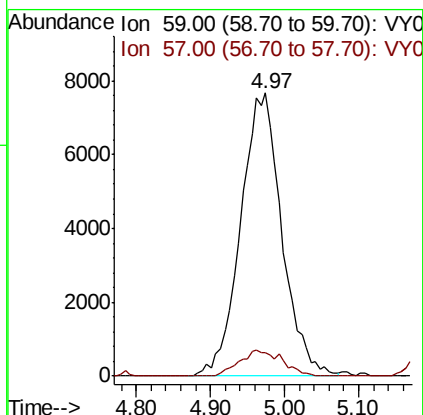
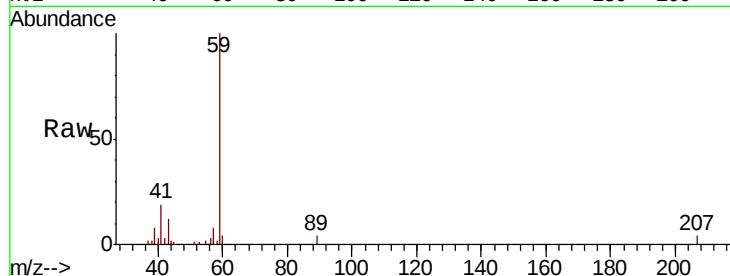


#11

Tert butyl alcohol
 Concen: 111.305 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

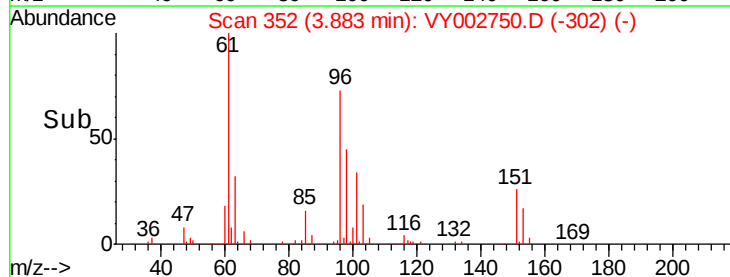
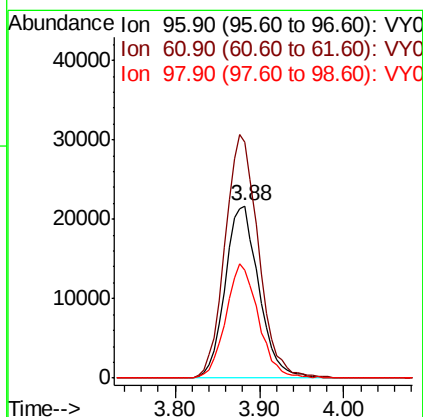
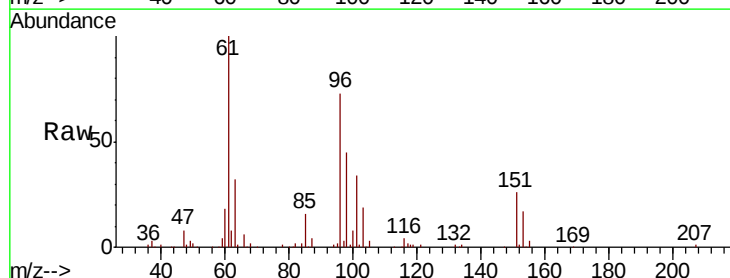
Tot Ion: 59 Resp: 29678
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.7 11.5

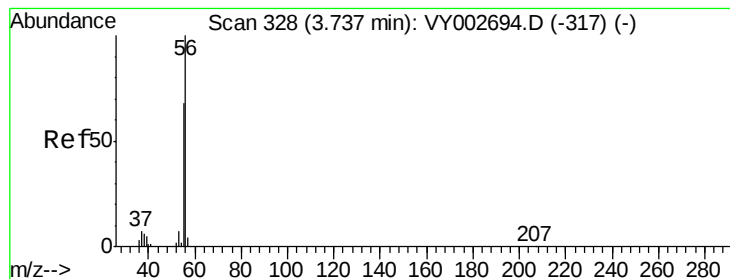


#12

1,1-Dichloroethene
 Concen: 20.073 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion: 96 Resp: 59097
 Ion Ratio Lower Upper
 96 100
 61 137.2 113.8 170.8
 98 62.4 50.4 75.6





#13

Acrolein

Concen: 90.504 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

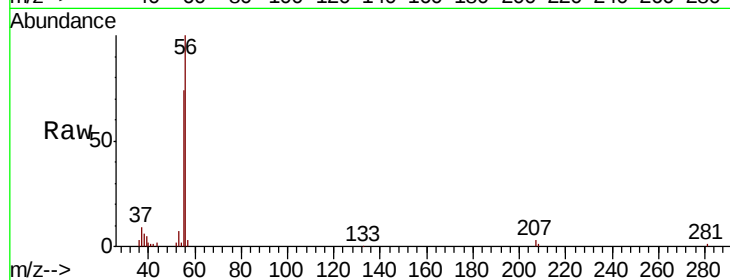
VY0522SBS01

Tot Ion: 56 Resp: 28304

Ion Ratio Lower Upper

56 100

55 70.8 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

12000

10000

8000

6000

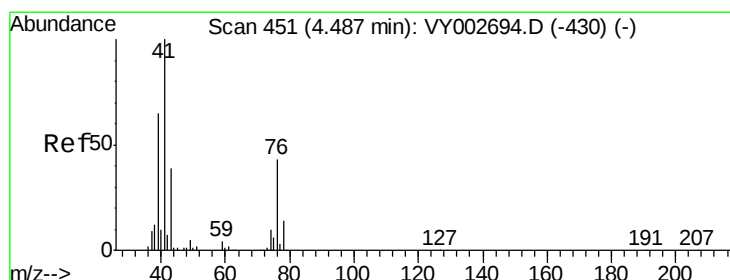
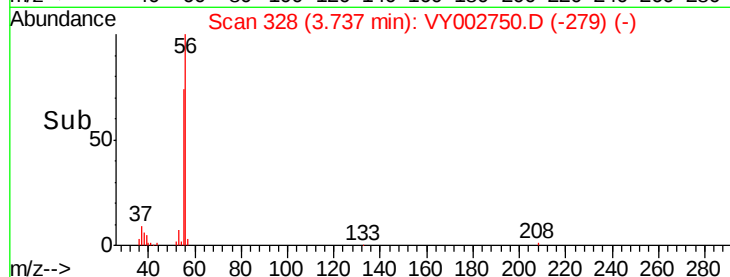
4000

2000

0

3.74

Time-->



#14

Allyl chloride

Concen: 19.984 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

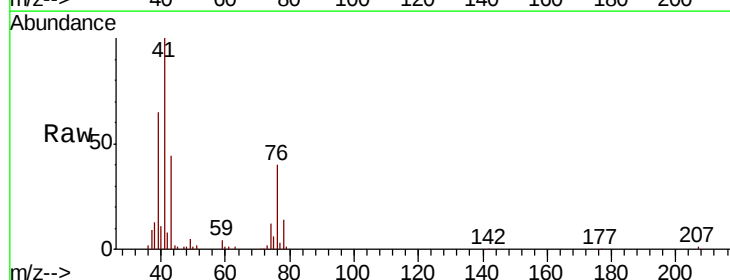
Tgt Ion: 41 Resp: 84468

Ion Ratio Lower Upper

41 100

39 62.7 50.3 75.5

76 40.8 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

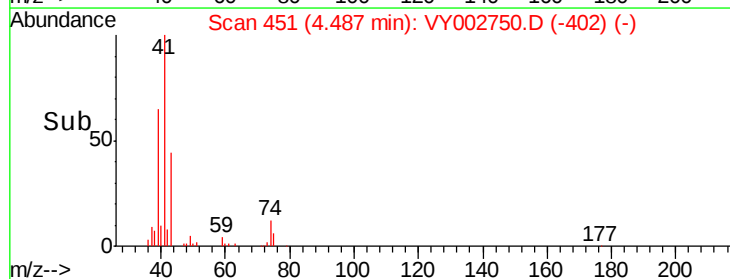
20000

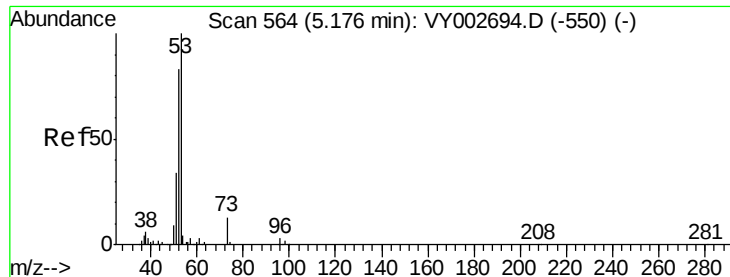
10000

0

4.49

Time-->





#15

Acrylonitrile

Concen: 108.569 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

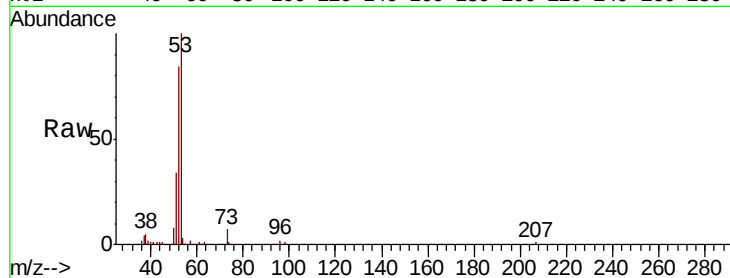
Tot Ion: 53 Resp: 80893

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

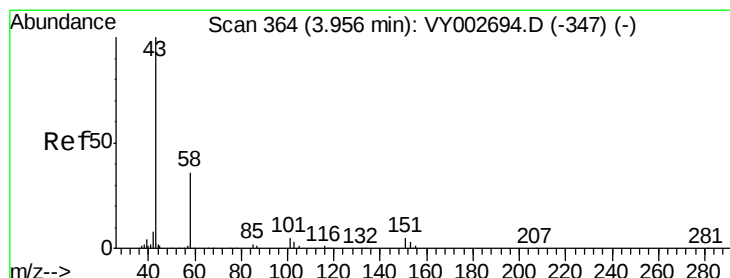
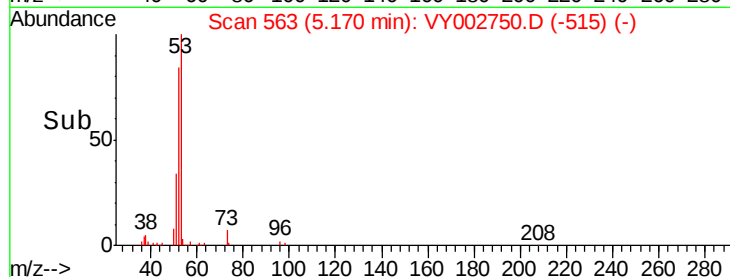
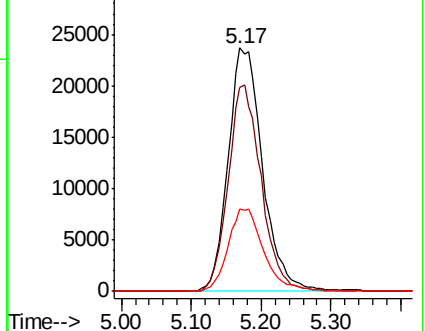
51 34.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY002694.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY002694.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY002694.D (-550) (-)



#16

Acetone

Concen: 106.120 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002750.D

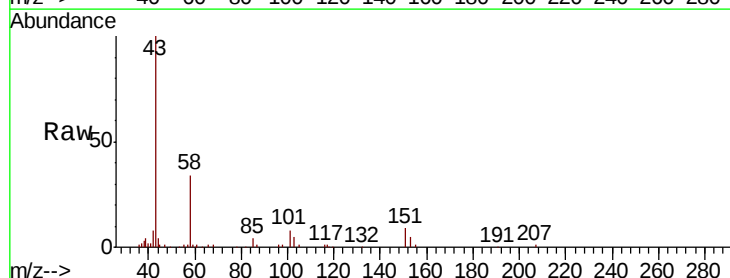
Acq: 22 May 2020 11:33

Tgt Ion: 43 Resp: 57436

Ion Ratio Lower Upper

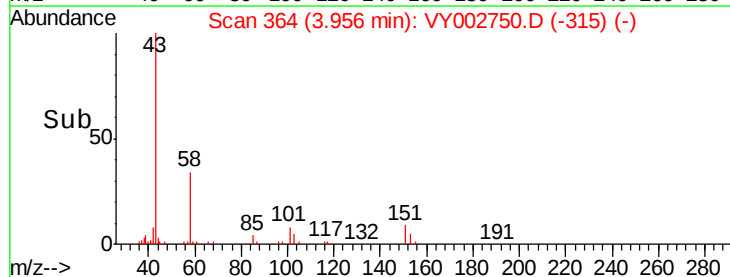
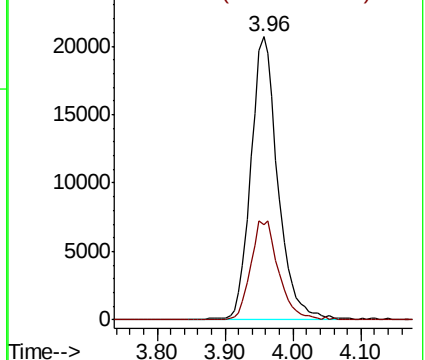
43 100

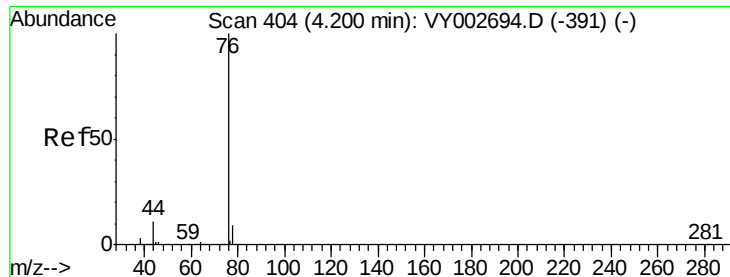
58 33.8 28.6 43.0



Abundance Ion 43.00 (42.70 to 43.70): VY002694.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002694.D (-347) (-)





#17

Carbon Disulfide

Concen: 19.251 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

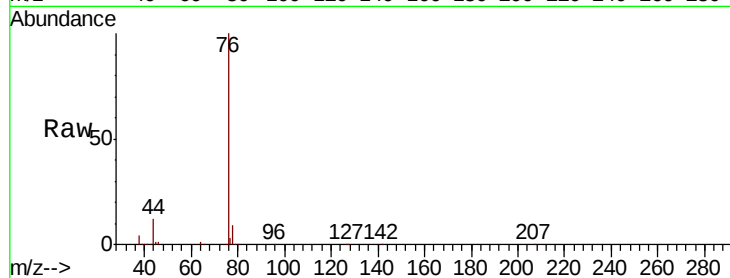
VY0522SBSD01

Tot Ion: 76 Resp: 177782

Ion Ratio Lower Upper

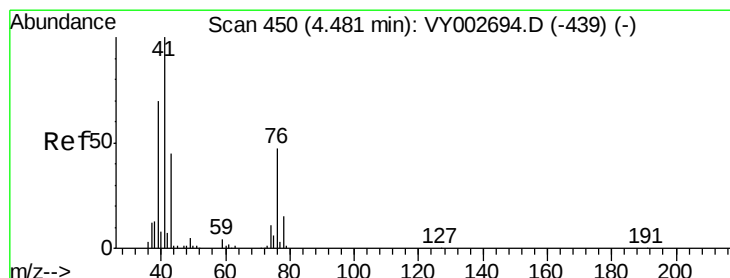
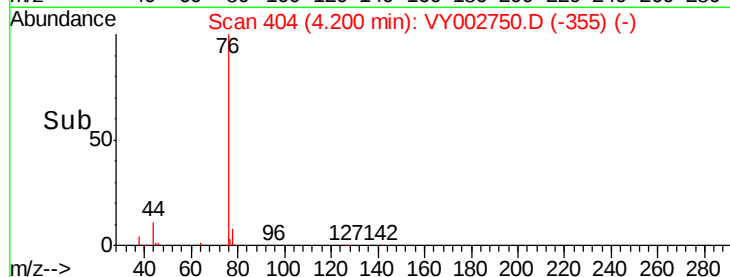
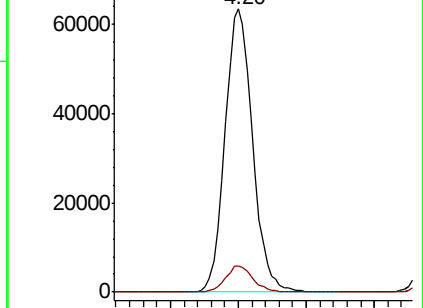
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.096 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002750.D

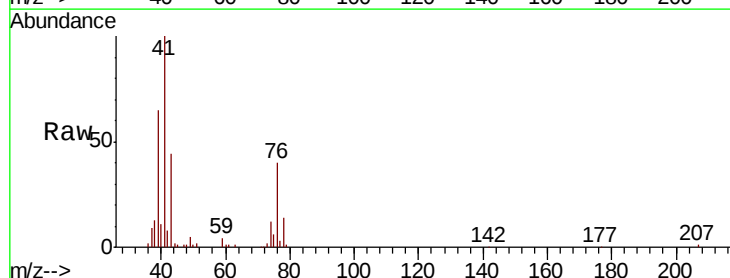
Acq: 22 May 2020 11:33

Tgt Ion: 43 Resp: 35641

Ion Ratio Lower Upper

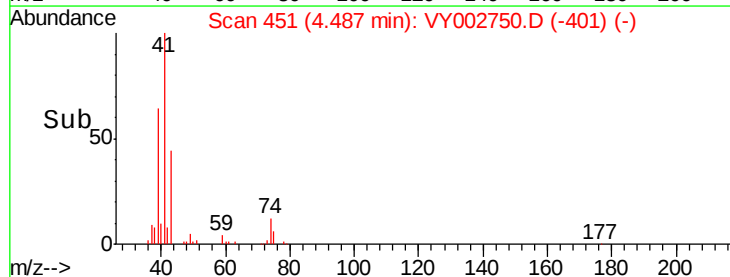
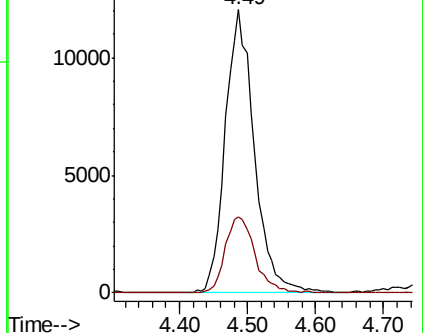
43 100

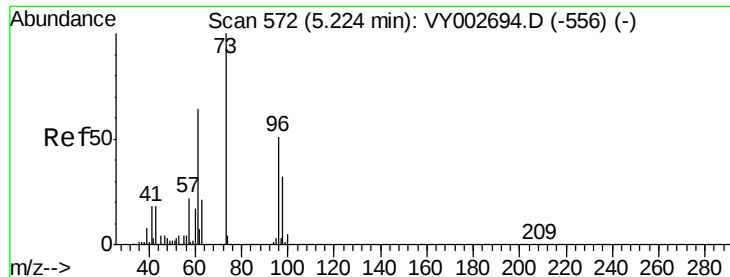
74 27.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



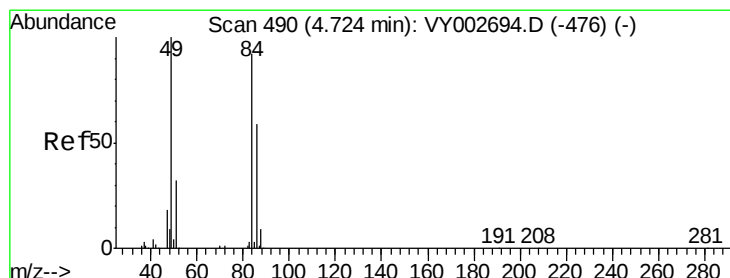
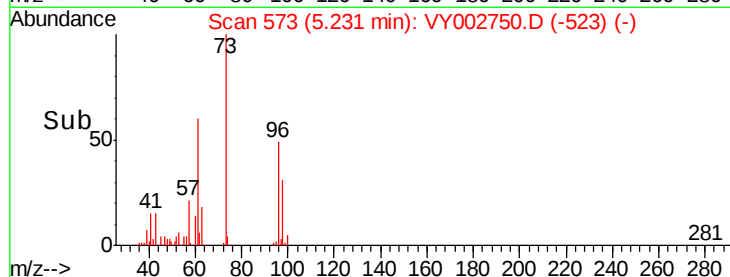
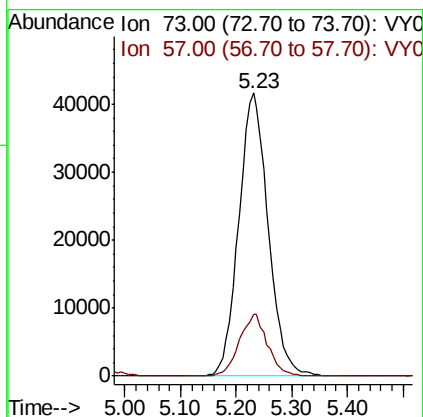
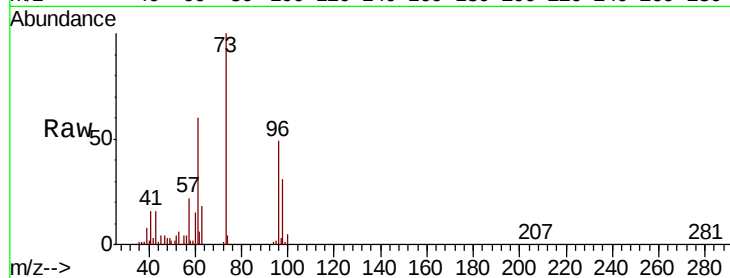


#19

Methyl tert-butyl Ether
 Concen: 20.944 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

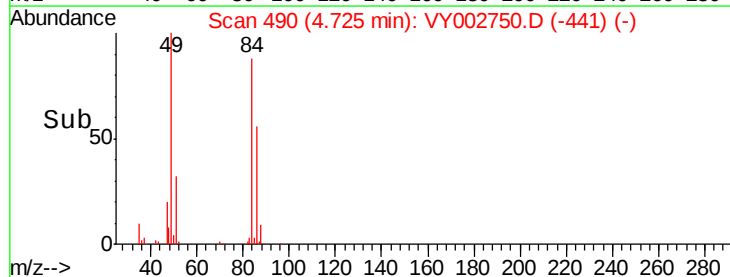
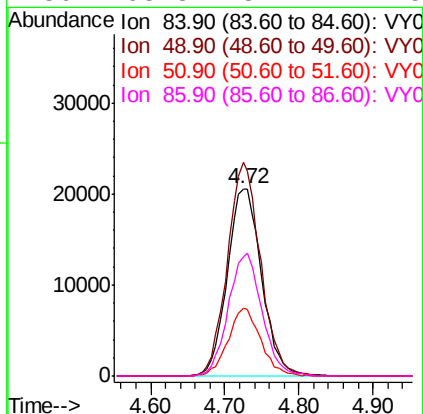
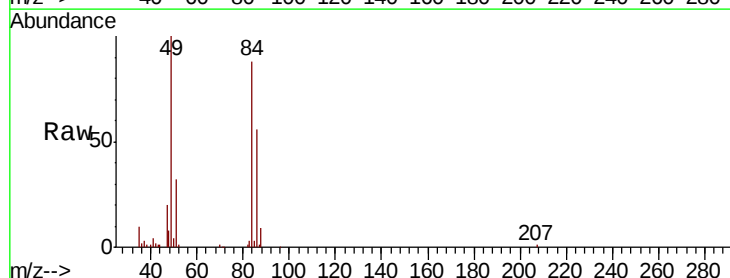
Tot Ion: 73 Resp: 152950
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.3 25.9

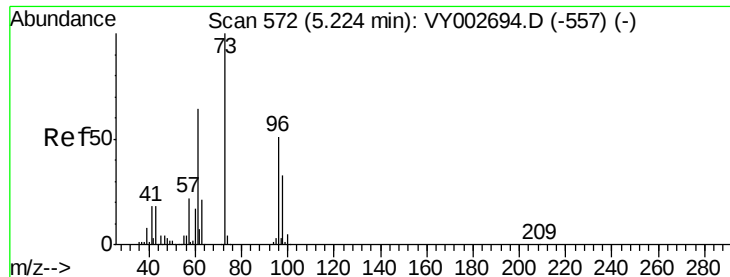


#20

Methylene Chloride
 Concen: 20.297 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion: 84 Resp: 66405
 Ion Ratio Lower Upper
 84 100
 49 113.9 87.4 131.0
 51 36.5 27.9 41.9
 86 63.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.944 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

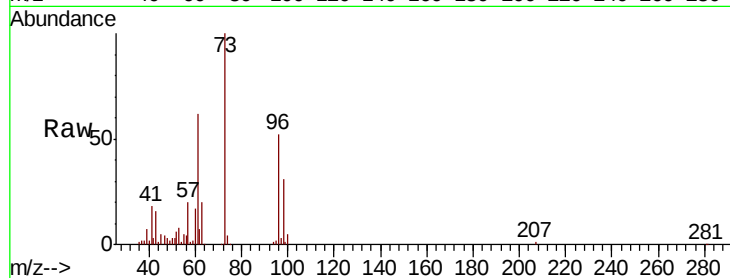
Tot Ion: 96 Resp: 65293

Ion Ratio Lower Upper

96 100

61 119.3 99.6 149.4

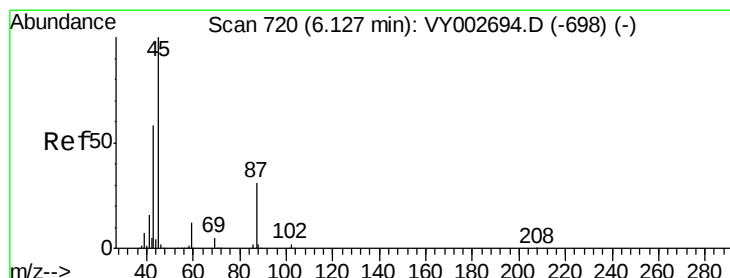
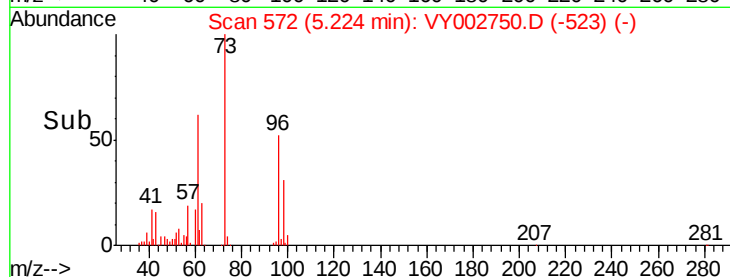
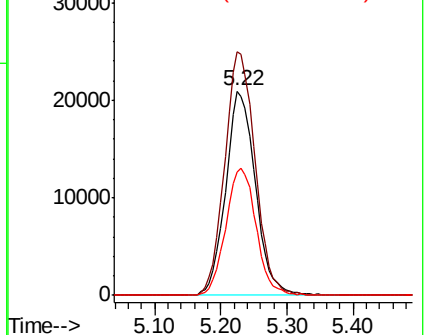
98 60.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.749 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Tgt Ion: 45 Resp: 174000

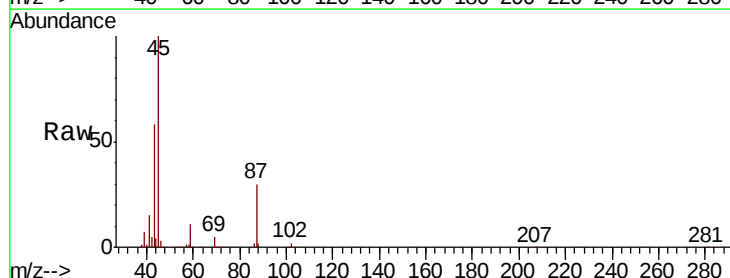
Ion Ratio Lower Upper

45 100

43 57.4 46.1 69.1

87 30.2 24.9 37.3

59 11.2 9.8 14.8

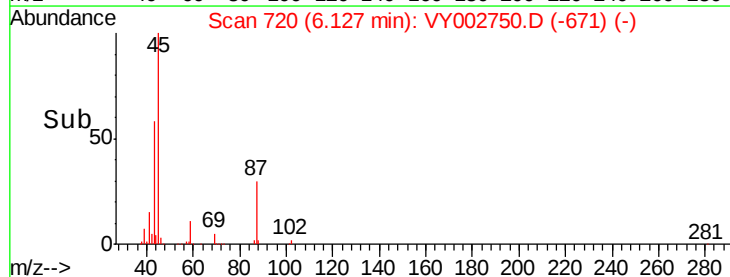
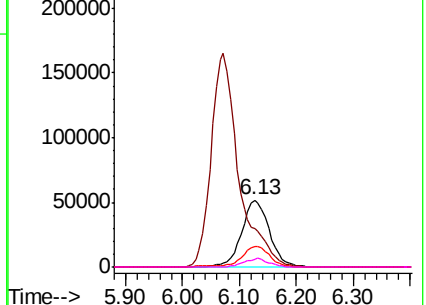


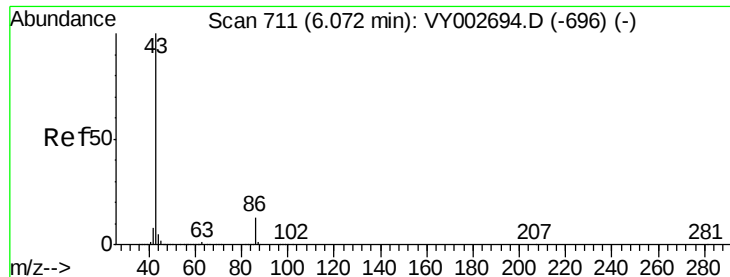
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 103.995 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

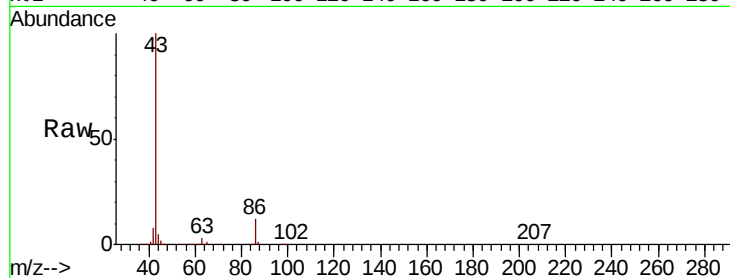
VY0522SBS01

Tot Ion: 43 Resp: 558418

Ion Ratio Lower Upper

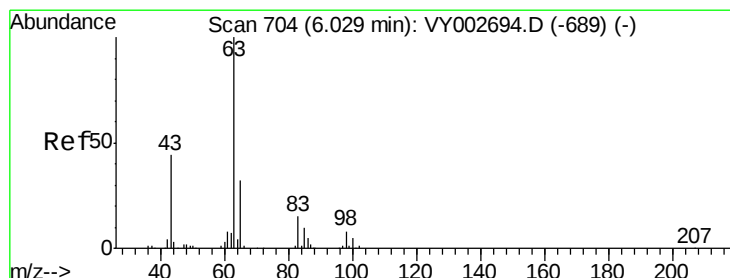
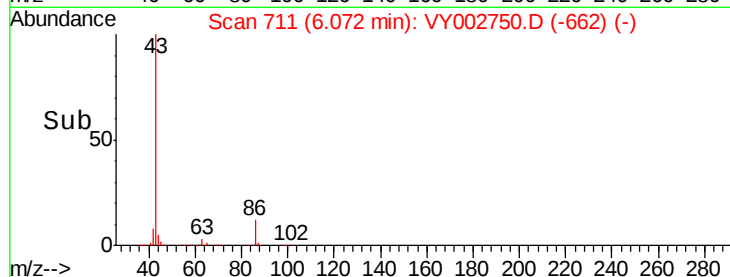
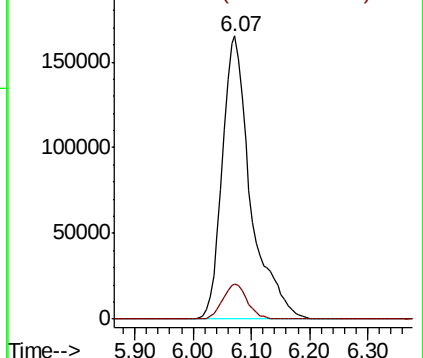
43 100

86 12.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.456 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

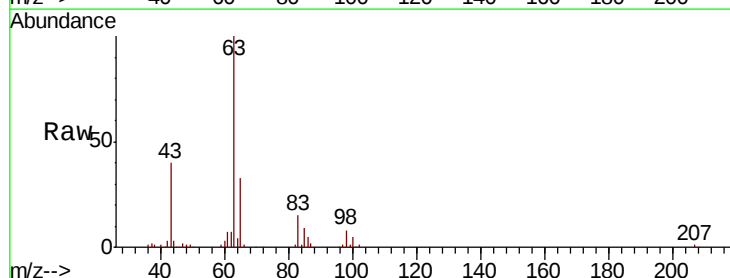
Tgt Ion: 63 Resp: 102505

Ion Ratio Lower Upper

63 100

98 8.1 4.0 11.9

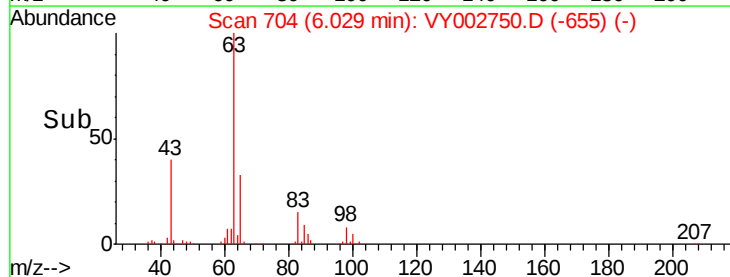
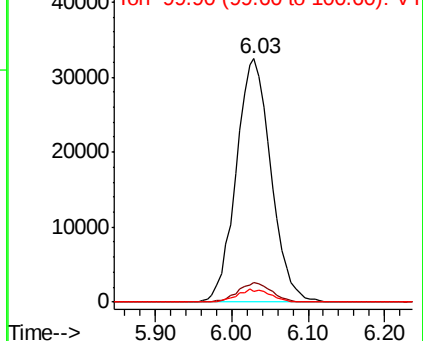
100 4.5 2.5 7.6

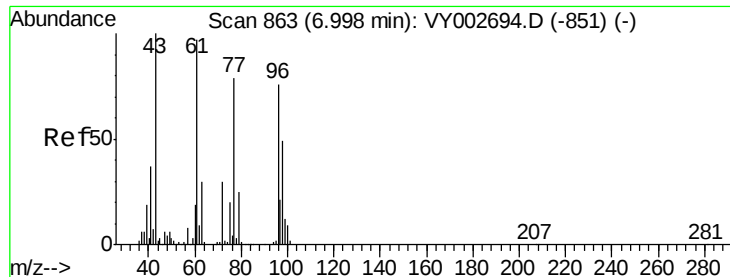


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 109.000 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

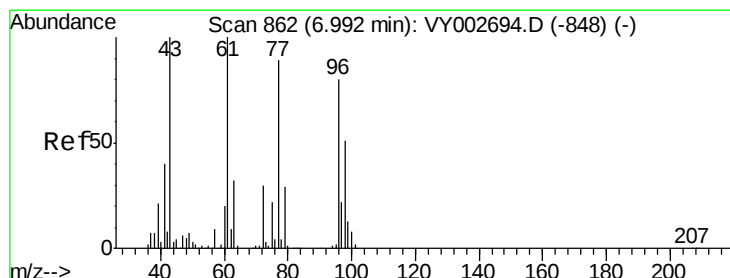
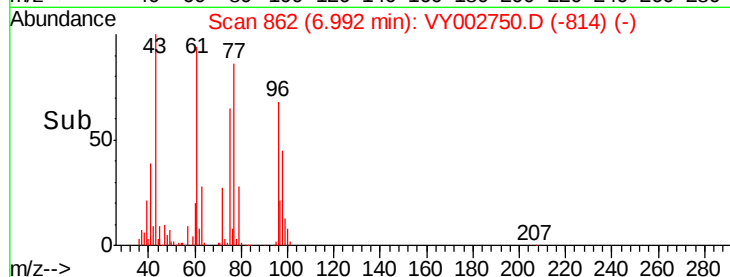
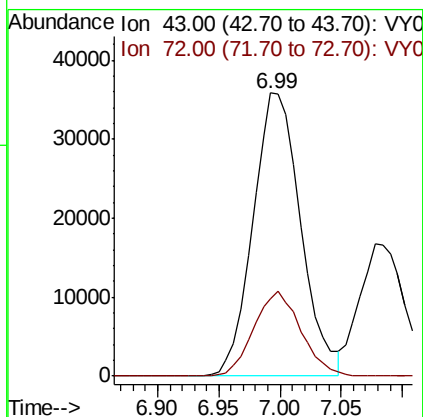
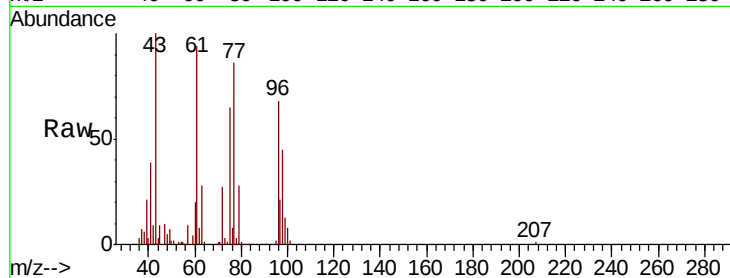
VY0522SBS01

Tot Ion: 43 Resp: 97610

Ion Ratio Lower Upper

43 100

72 27.3 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.109 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002750.D

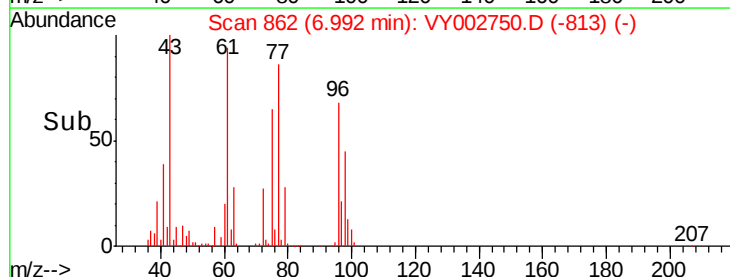
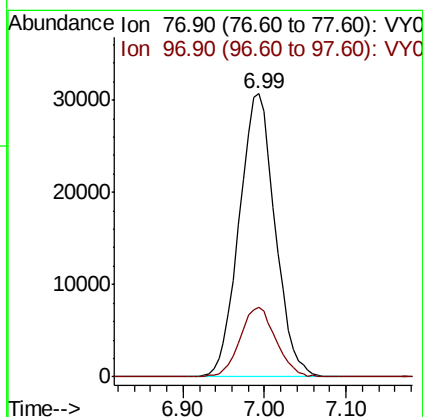
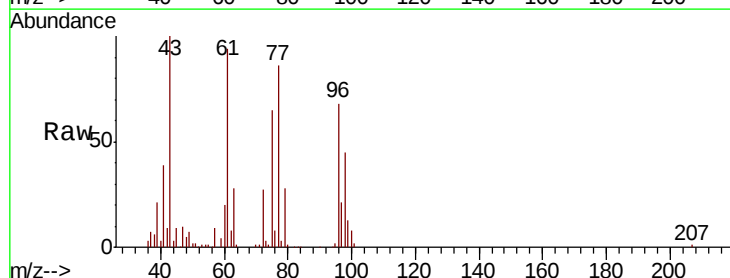
Acq: 22 May 2020 11:33

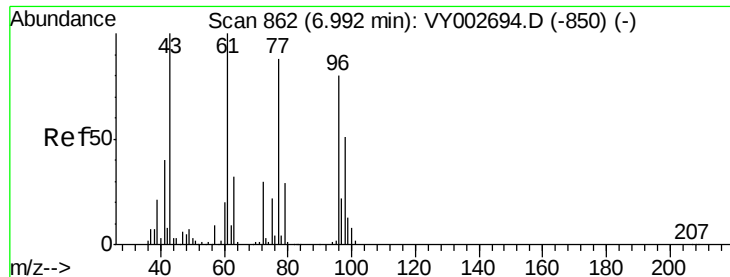
Tgt Ion: 77 Resp: 93757

Ion Ratio Lower Upper

77 100

97 24.5 12.3 36.9



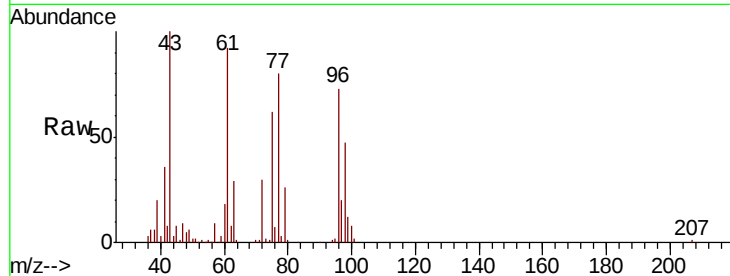


#27

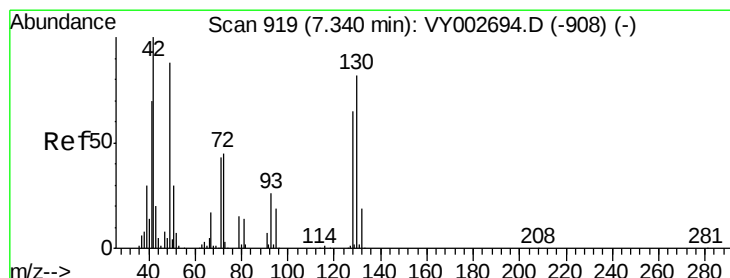
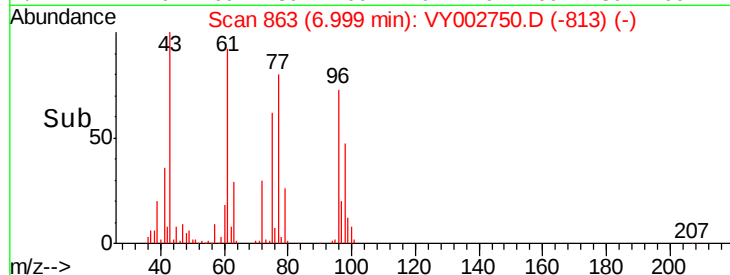
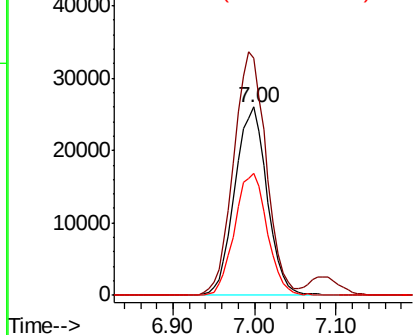
cis-1,2-Dichloroethene
Concen: 20.216 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tot Ion: 96 Resp: 71512
Ion Ratio Lower Upper
96 100
61 130.3 0.0 258.0
98 65.0 0.0 128.4



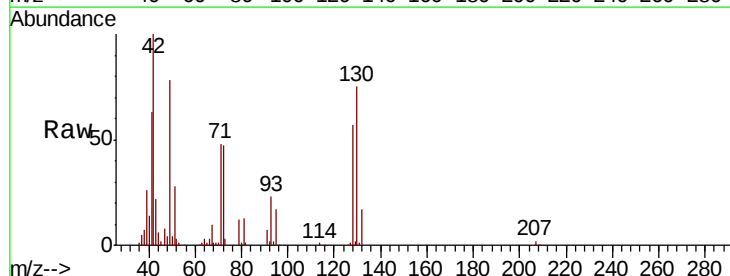
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



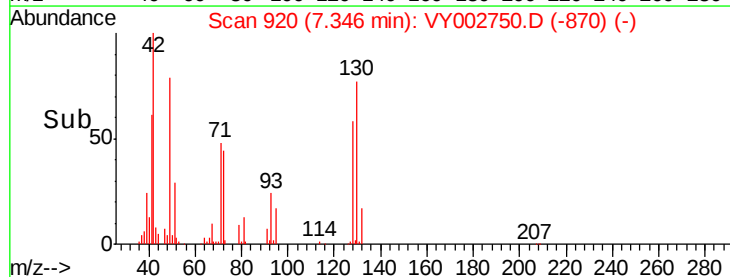
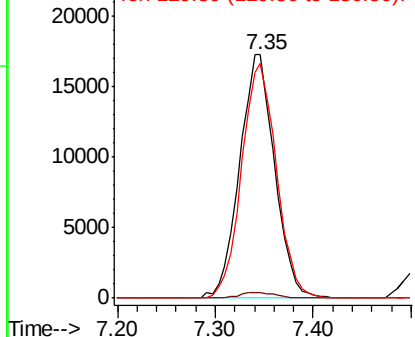
#28

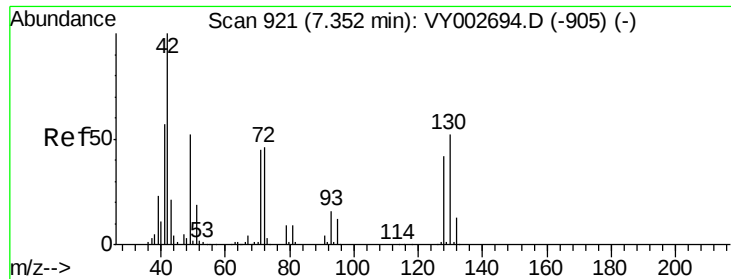
Bromochloromethane
Concen: 21.634 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 49 Resp: 42885
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 96.0 75.3 112.9



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

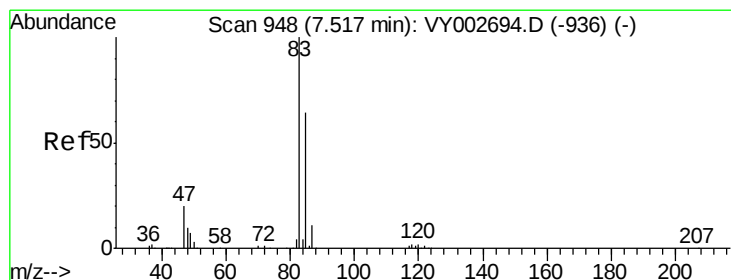
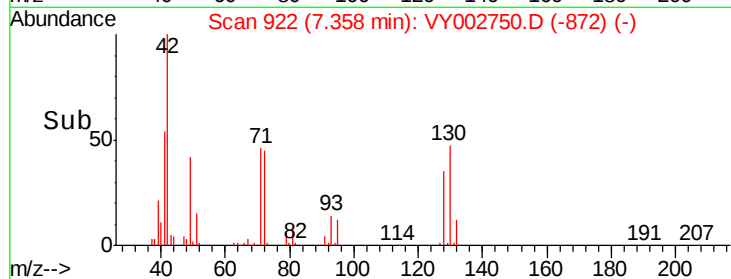
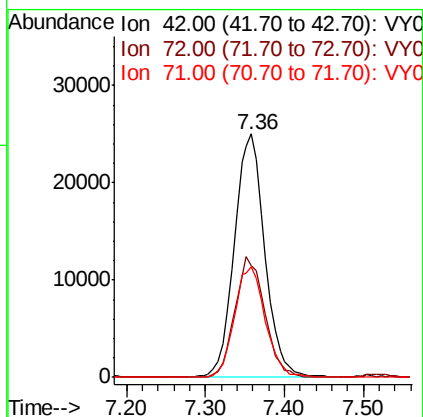
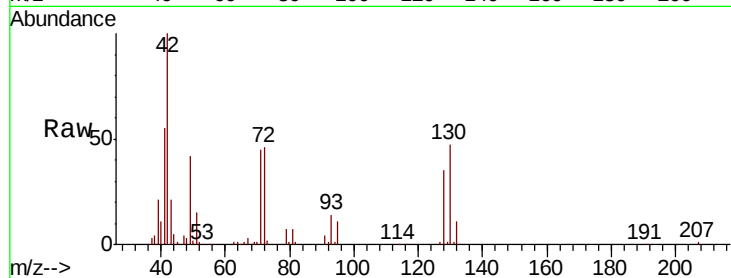




#29
Tetrahydrofuran
Concen: 110.274 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

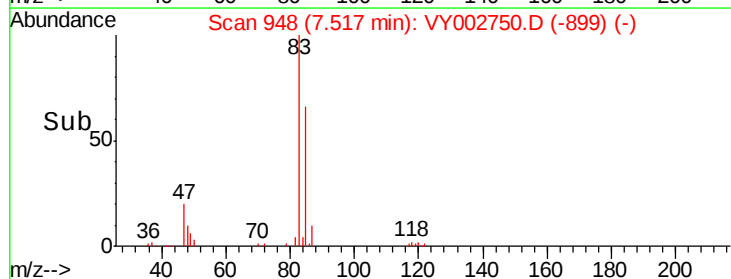
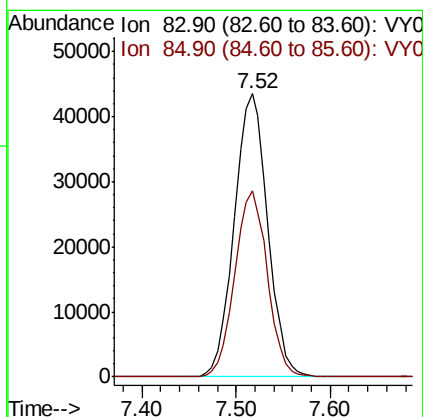
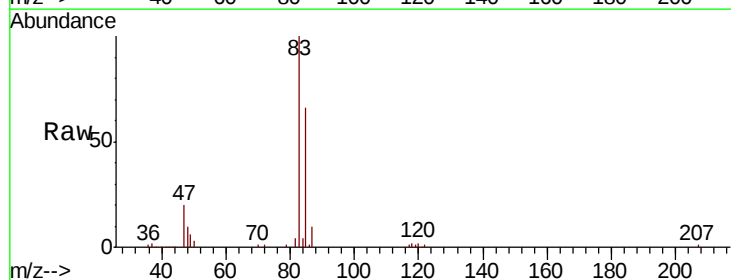
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

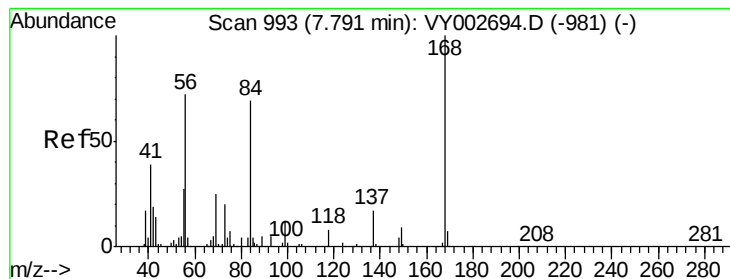
Tot Ion: 42 Resp: 67189
Ion Ratio Lower Upper
42 100
72 48.3 38.2 57.2
71 45.8 35.8 53.8



#30
Chloroform
Concen: 20.653 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 83 Resp: 107413
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#31

Cyclohexane

Concen: 19.624 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

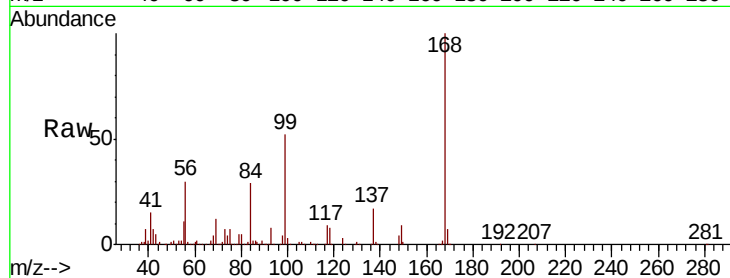
Tot Ion: 56 Resp: 99737

Ion Ratio Lower Upper

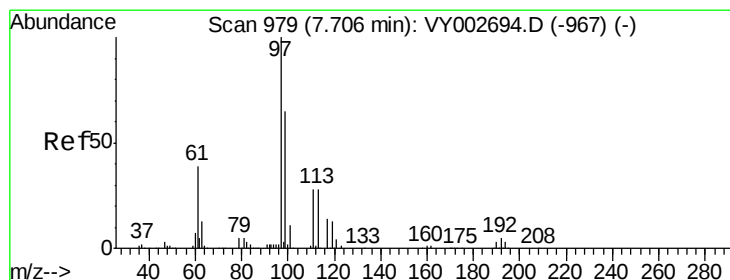
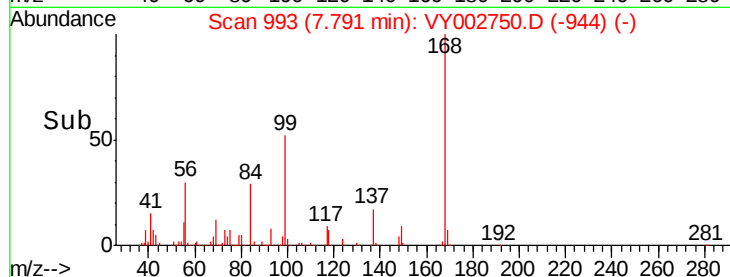
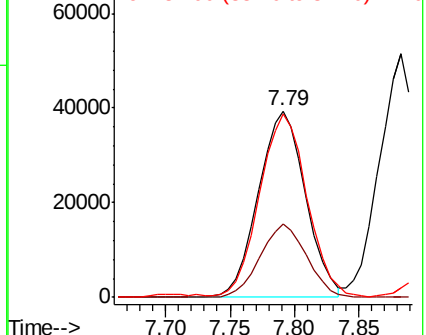
56 100

69 39.5 27.7 41.5

84 97.1 77.0 115.4



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.355 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

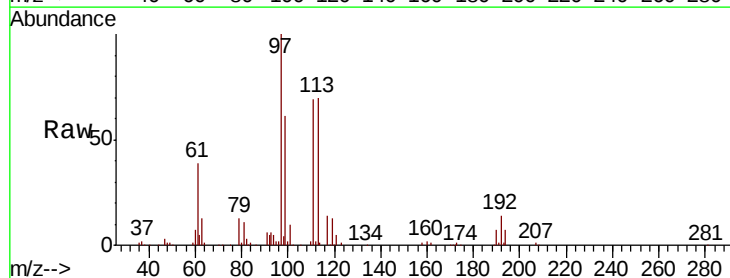
Tgt Ion: 97 Resp: 97817

Ion Ratio Lower Upper

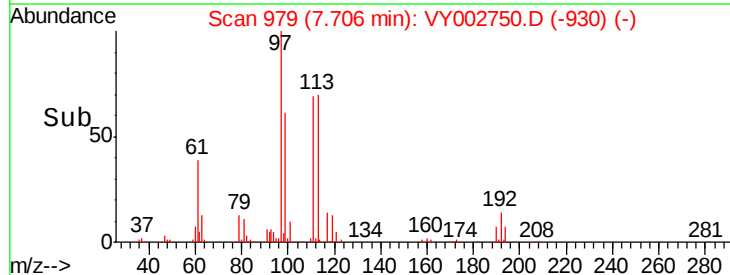
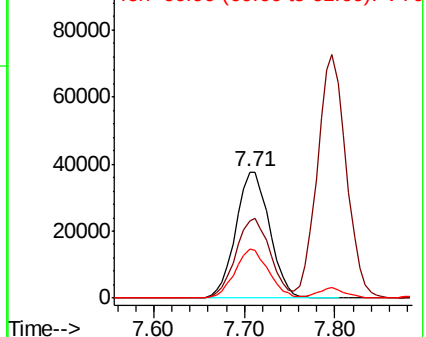
97 100

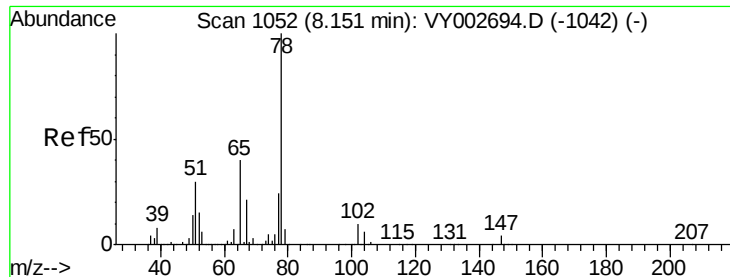
99 64.4 51.6 77.4

61 38.7 30.6 45.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 53.574 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

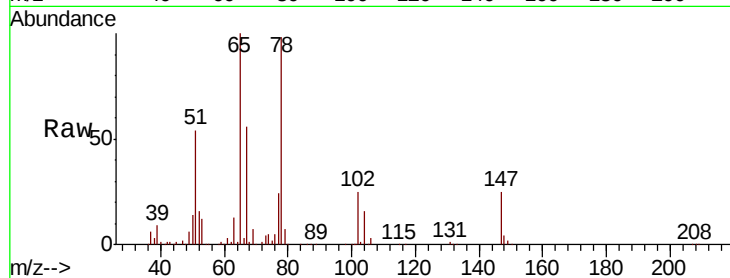
VY0522SBSD01

Tot Ion: 65 Resp: 140660

Ion Ratio Lower Upper

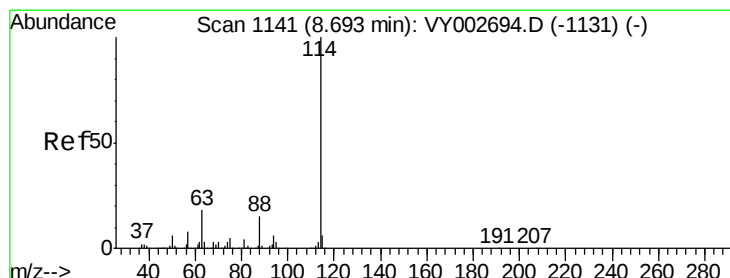
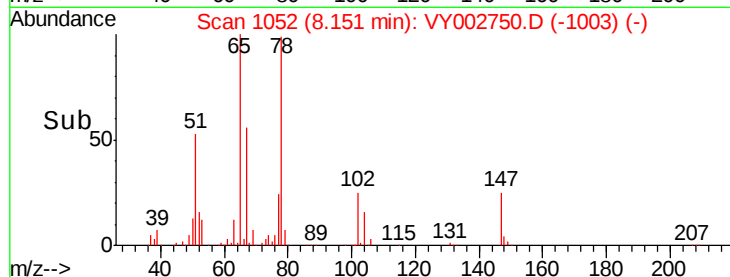
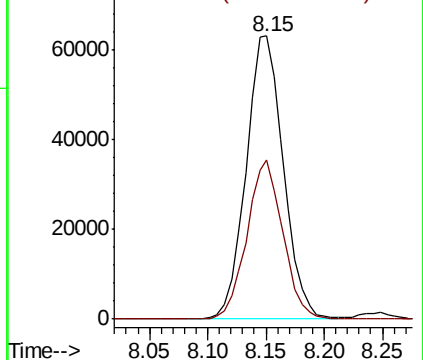
65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

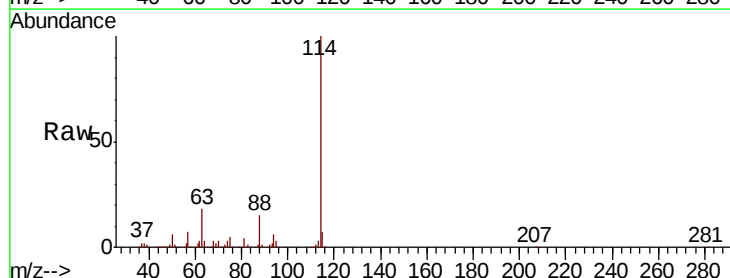
Tgt Ion: 114 Resp: 492904

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

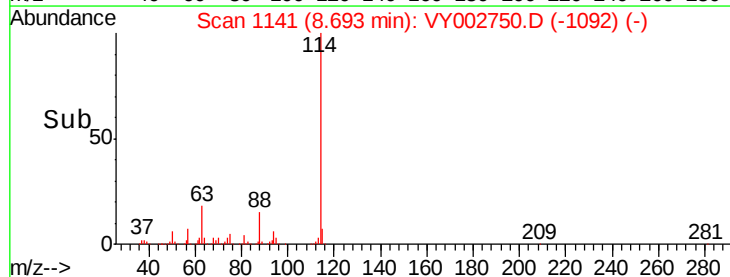
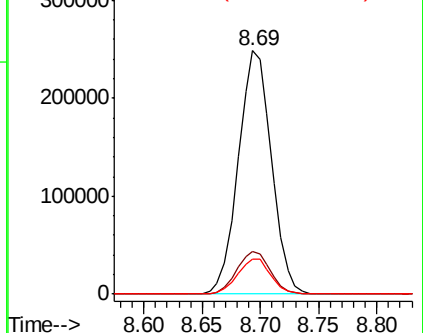
88 14.6 0.0 29.4

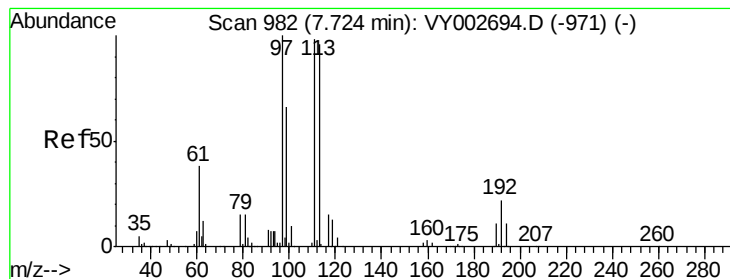


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 54.093 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

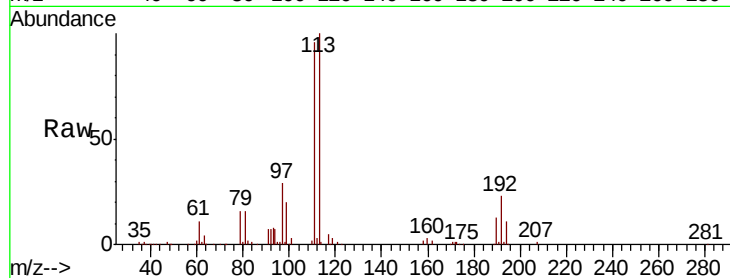
Tot Ion:113 Resp: 147145

Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

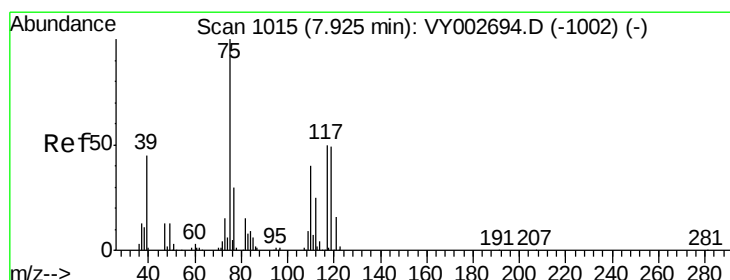
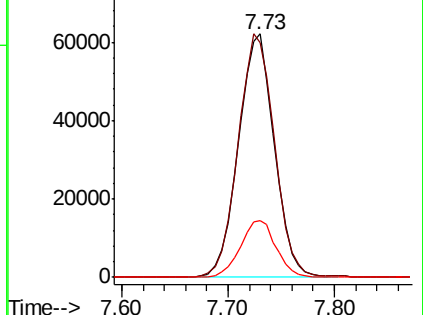
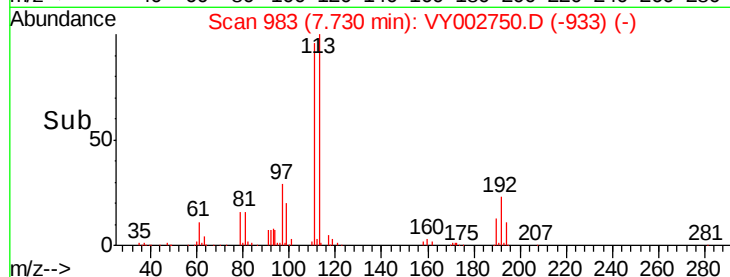
192 23.3 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.154 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

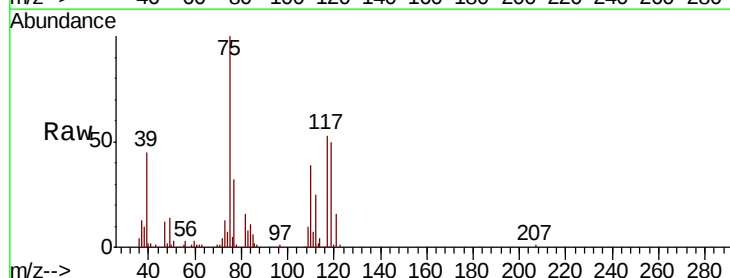
Tgt Ion: 75 Resp: 84097

Ion Ratio Lower Upper

75 100

110 39.3 19.4 58.4

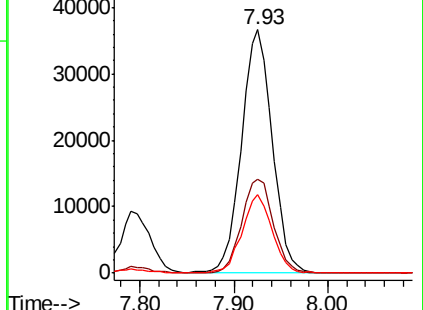
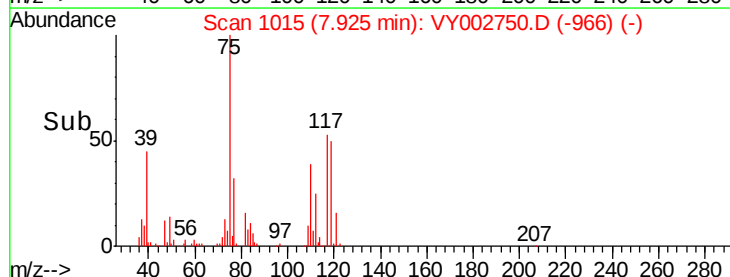
77 31.2 25.0 37.4

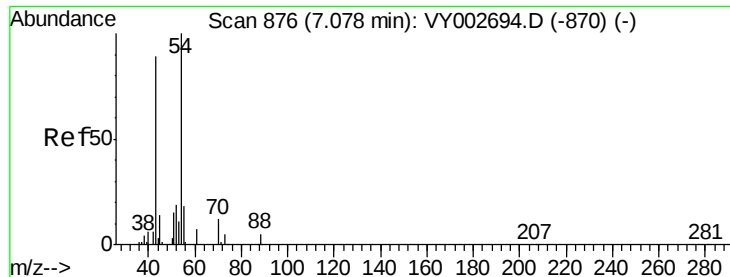


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

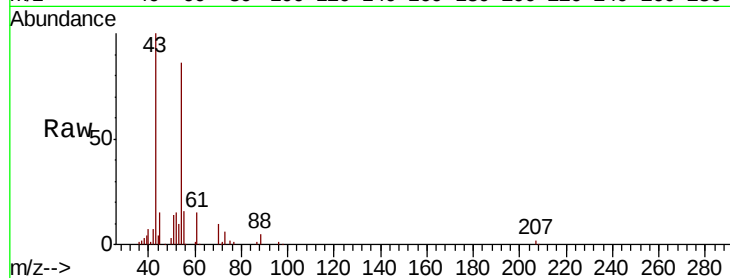




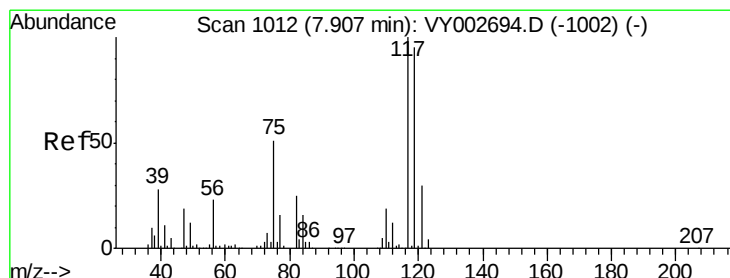
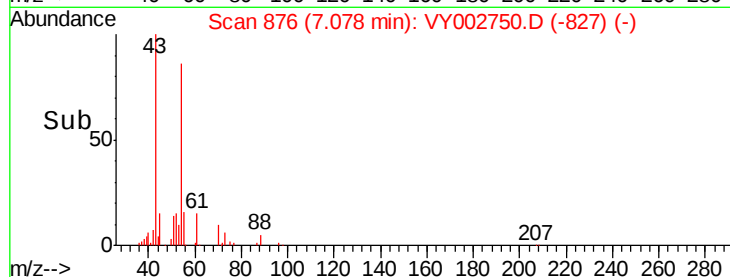
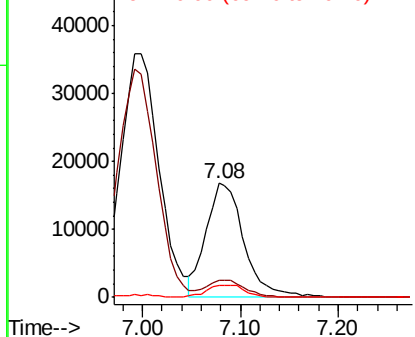
#37
Ethyl Acetate
Concen: 21.991 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tot Ion: 43 Resp: 45132
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.8
70 11.1 9.2 13.8

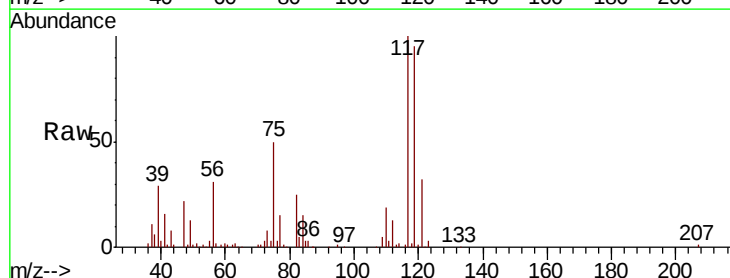


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

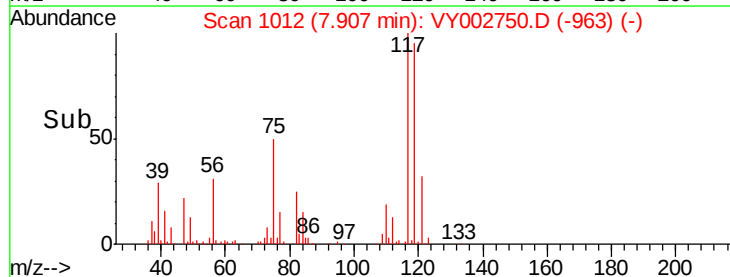
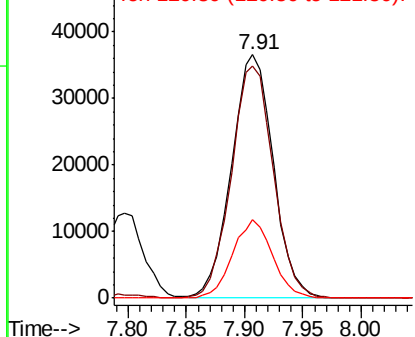


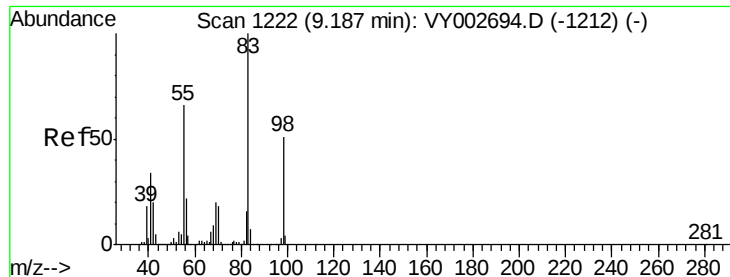
#38
Carbon Tetrachloride
Concen: 20.318 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 117 Resp: 91119
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5
121 32.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

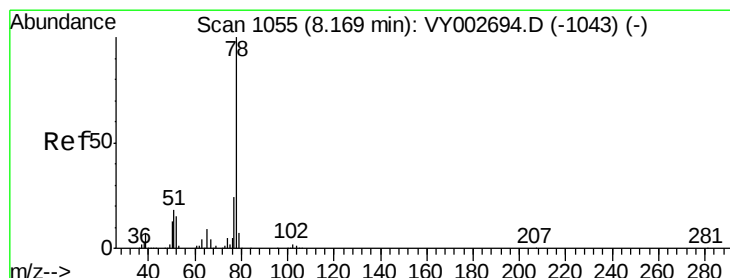
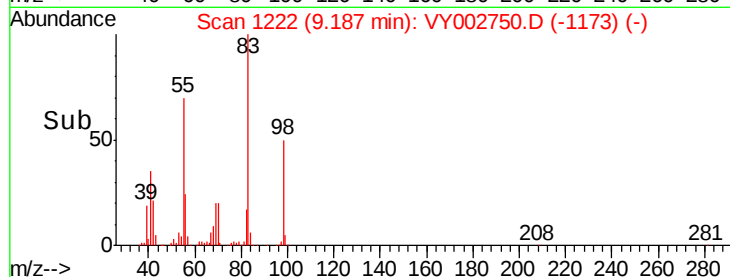
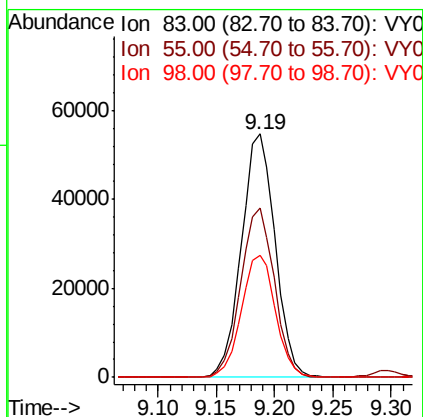
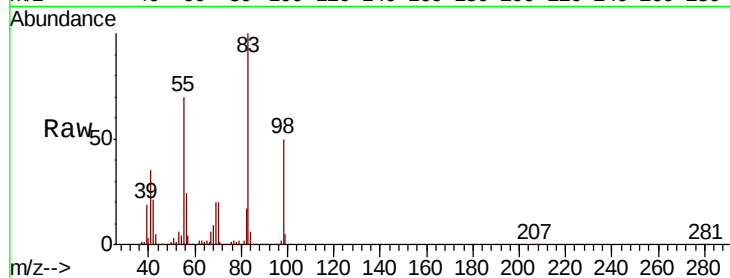




#39
Methylcyclohexane
Concen: 19.734 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

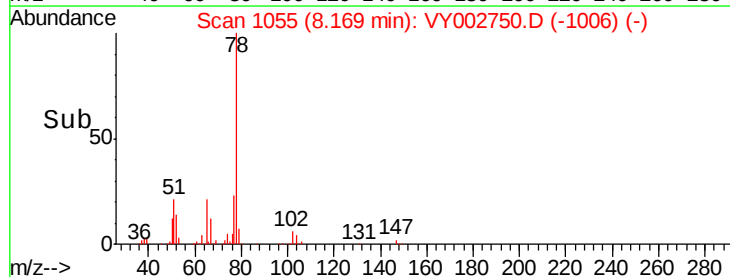
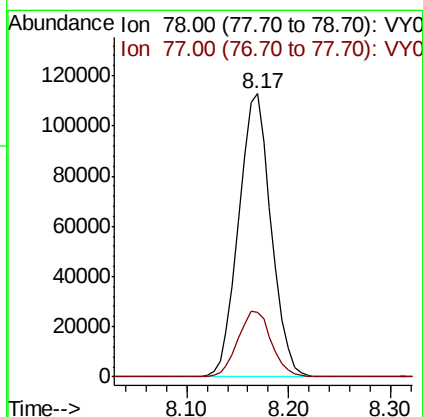
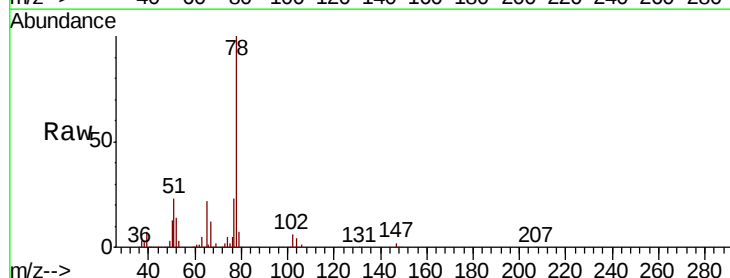
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

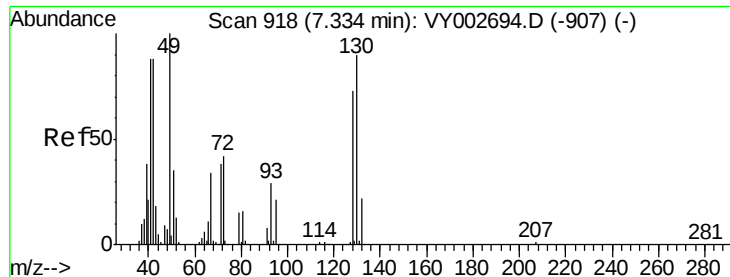
Tot Ion: 83 Resp: 110720
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 50.0 40.8 61.2



#40
Benzene
Concen: 20.434 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 78 Resp: 248781
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8

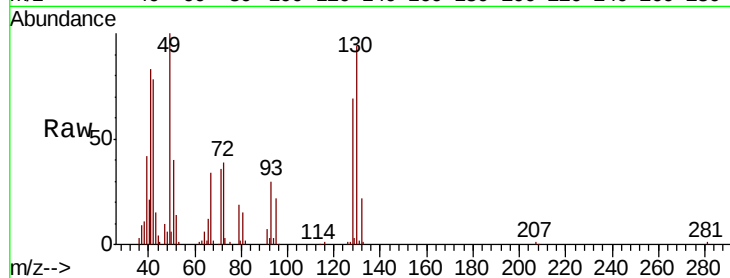




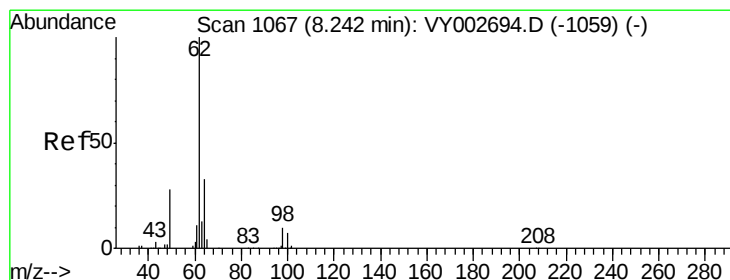
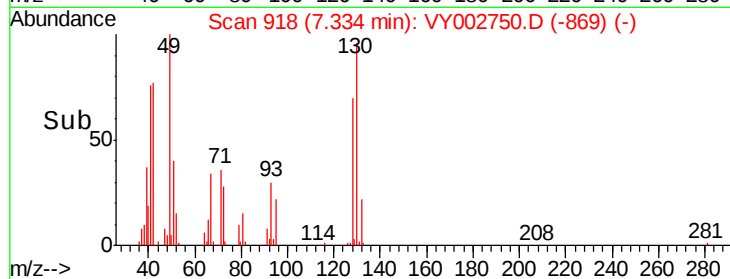
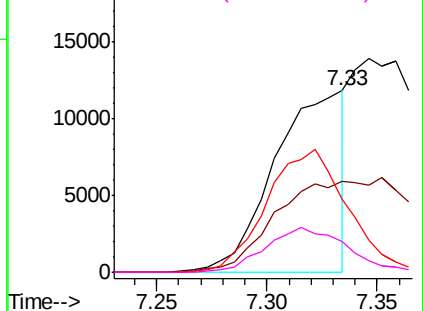
#41
Methacrylonitrile
Concen: 21.130 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tot Ion:	41	Resp:	26054
Ion	Ratio	Lower	Upper
41	100		
39	105.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

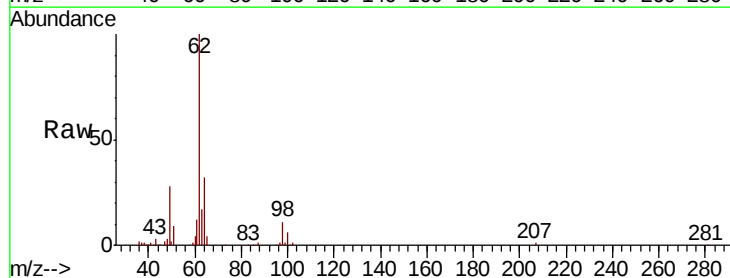


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

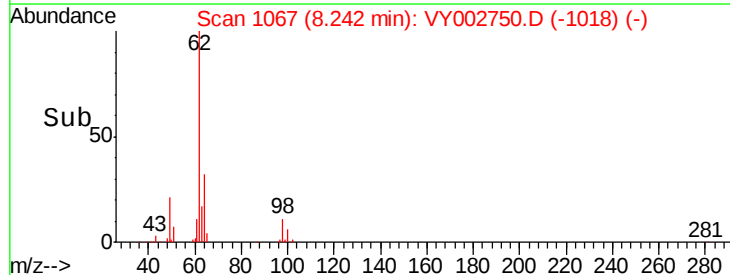
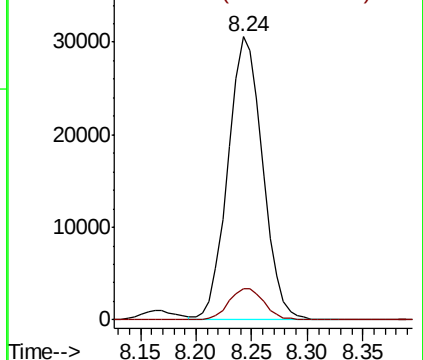


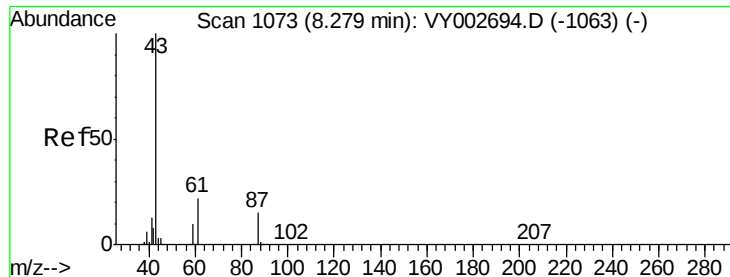
#42
1,2-Dichloroethane
Concen: 20.587 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion:	62	Resp:	66108
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 21.642 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

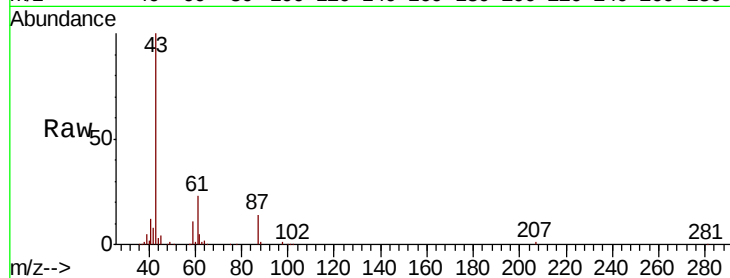
Tot Ion: 43 Resp: 82544

Ion Ratio Lower Upper

43 100

61 32.3 24.9 37.3

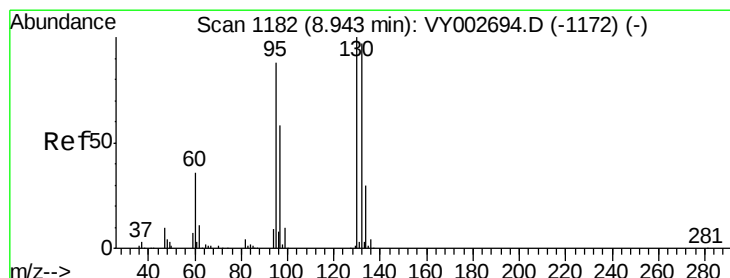
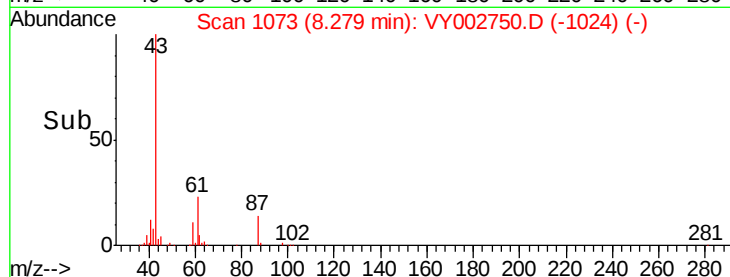
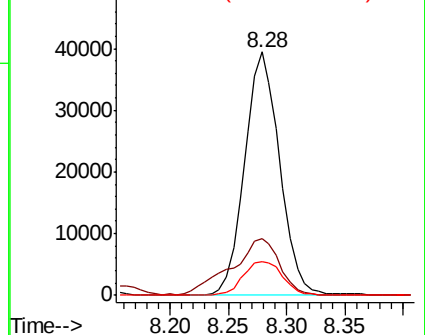
87 15.8 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY002750.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY002750.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY002750.D (-1073) (-)



#44

Trichloroethene

Concen: 20.455 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002750.D

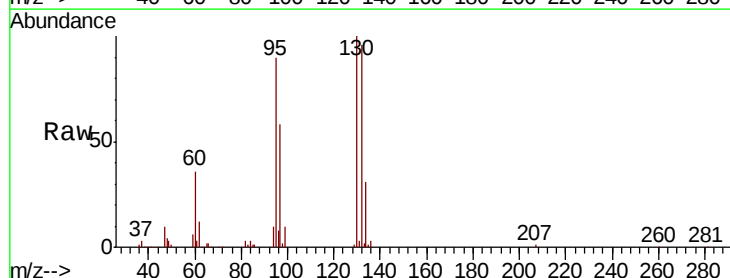
Acq: 22 May 2020 11:33

Tgt Ion: 130 Resp: 79383

Ion Ratio Lower Upper

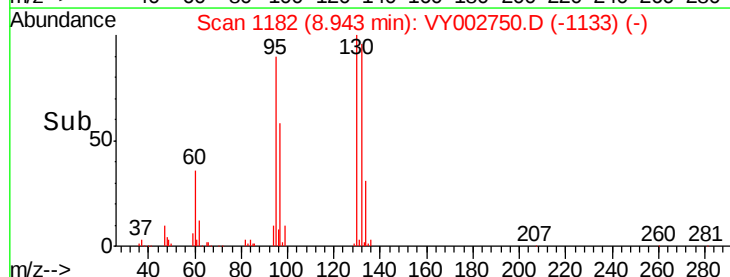
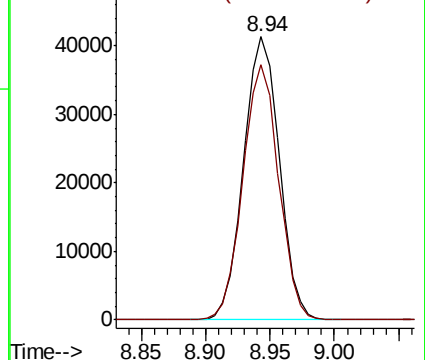
130 100

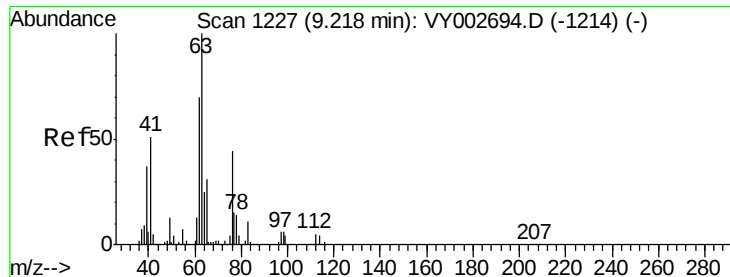
95 90.0 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VY002750.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY002750.D (-1182) (-)





#45

1,2-Dichloropropane

Concen: 20.235 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

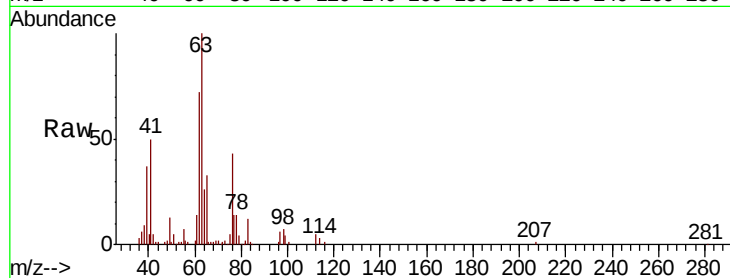
VY0522SBS01

Tot Ion: 63 Resp: 58471

Ion Ratio Lower Upper

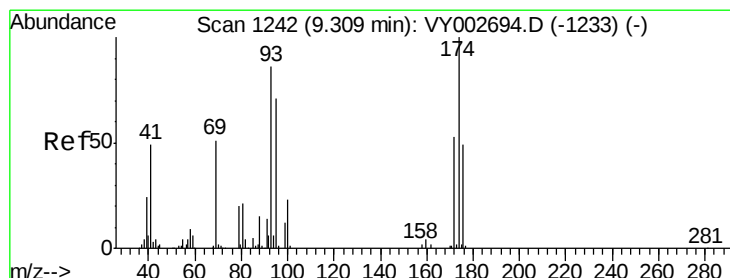
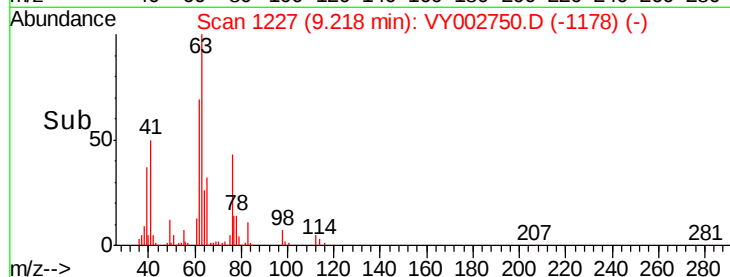
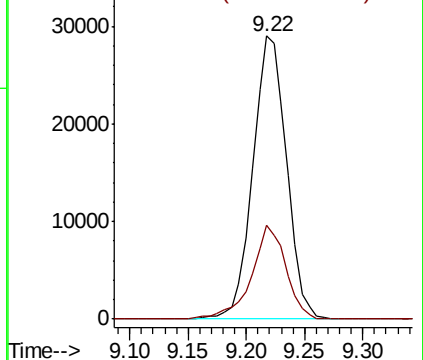
63 100

65 33.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.821 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

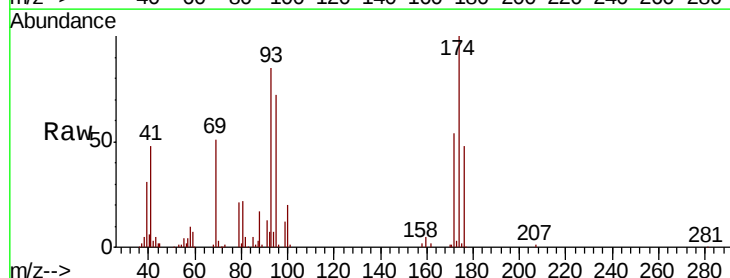
Tgt Ion: 93 Resp: 33802

Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

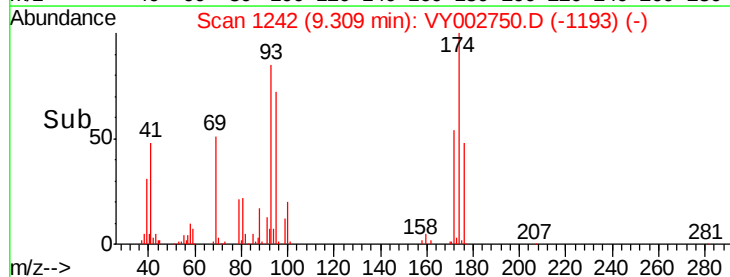
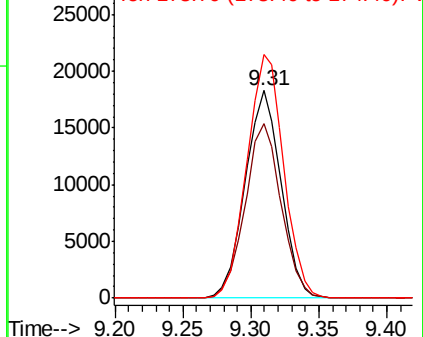
174 120.3 95.6 143.4

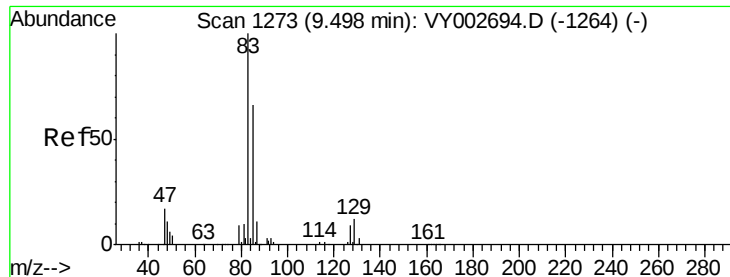


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.534 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

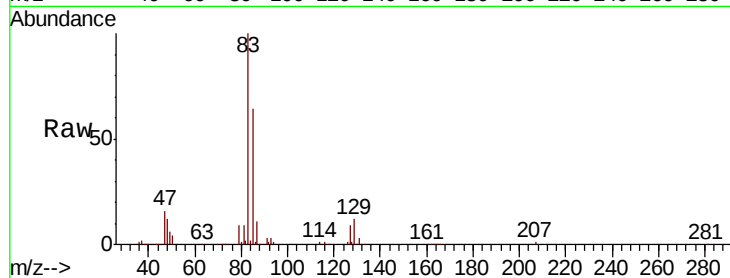
Tot Ion: 83 Resp: 81356

Ion Ratio Lower Upper

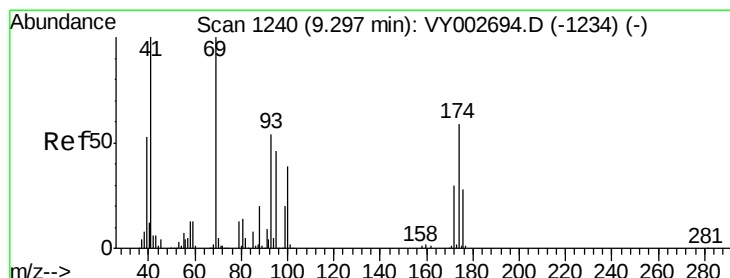
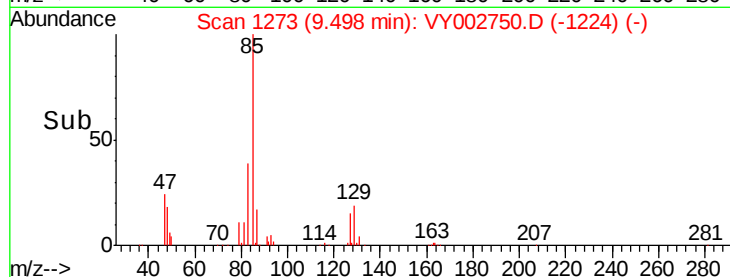
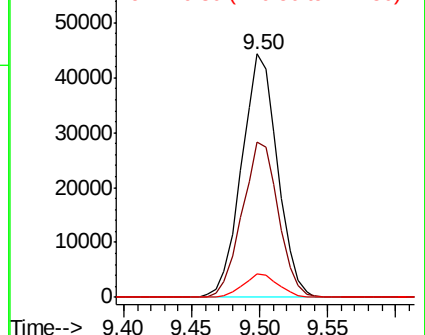
83 100

85 63.6 52.4 78.6

127 9.4 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 21.068 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

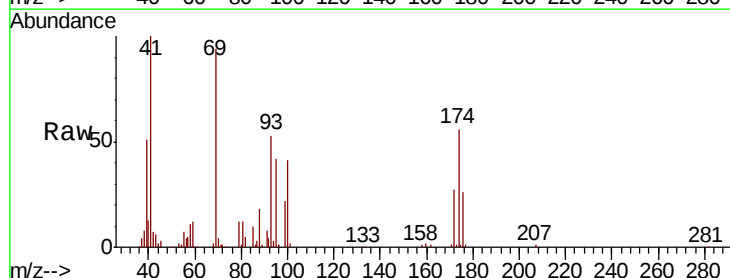
Tgt Ion: 41 Resp: 36998

Ion Ratio Lower Upper

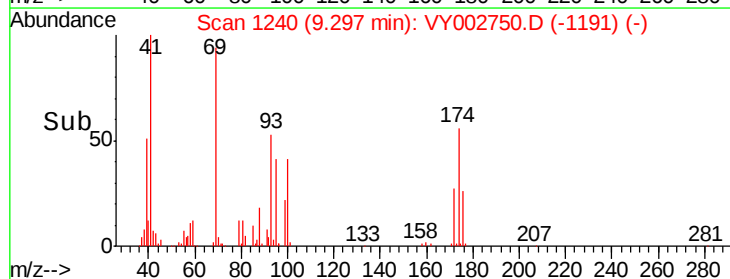
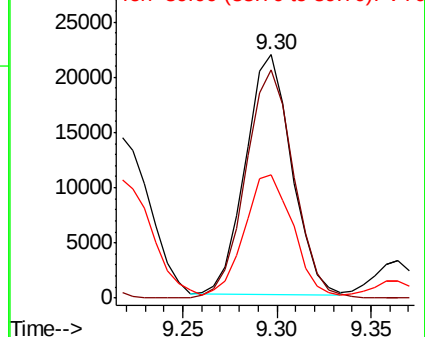
41 100

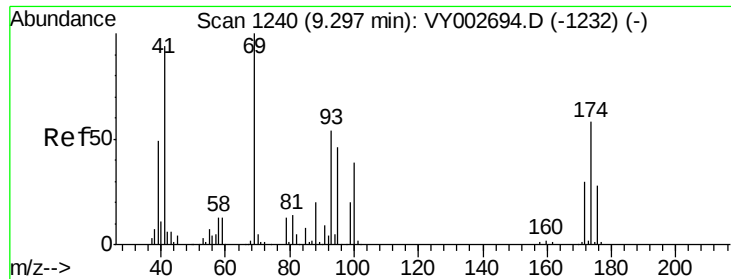
69 98.9 78.7 118.1

39 54.7 42.9 64.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

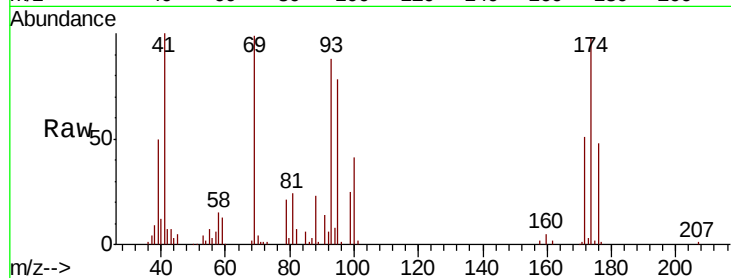




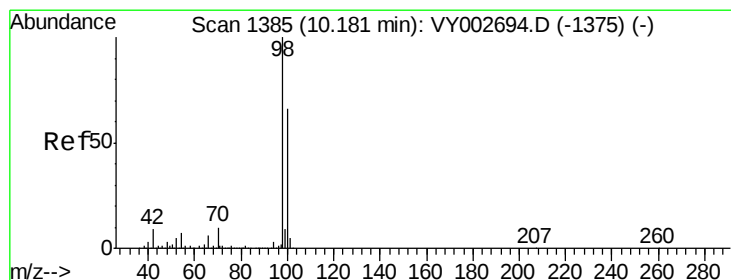
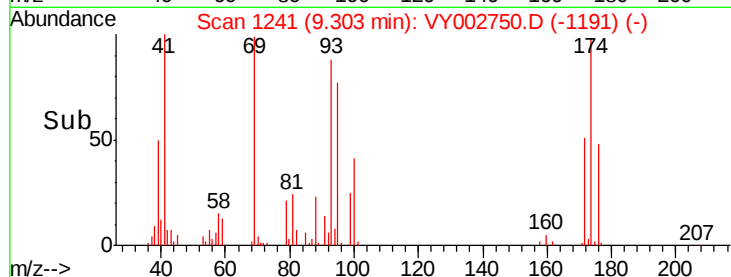
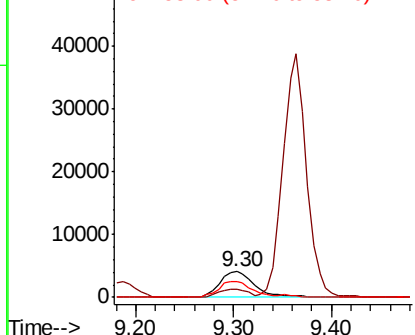
#49
1,4-Dioxane
Concen: 451.910 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tot Ion: 88 Resp: 9992
Ion Ratio Lower Upper
88 100
43 26.5 23.4 35.0
58 60.1 54.5 81.7

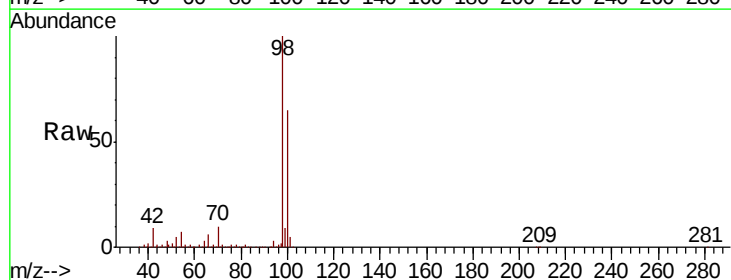


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

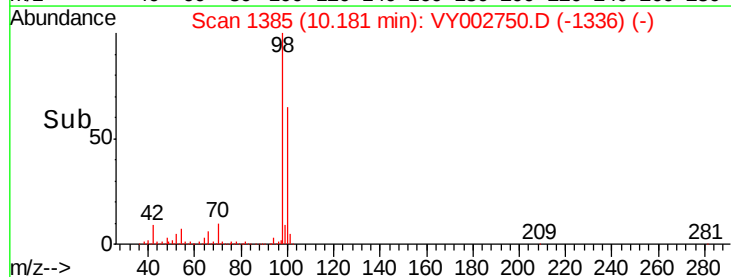
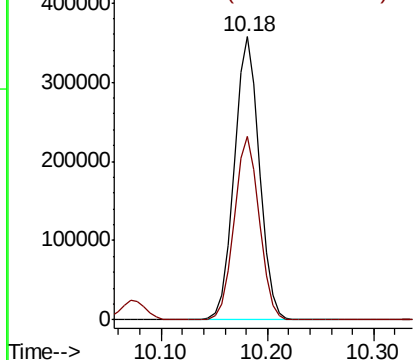


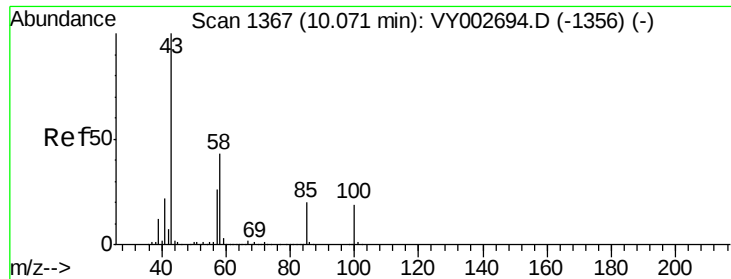
#50
Toluene-d8
Concen: 53.771 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 98 Resp: 588897
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

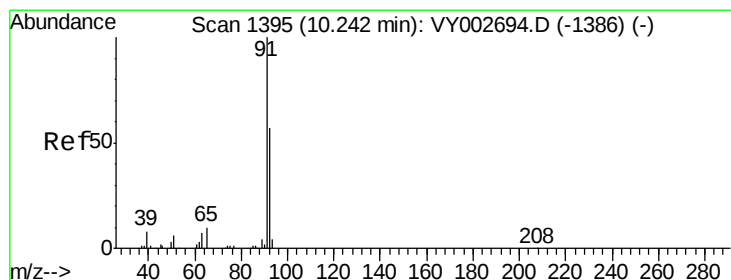
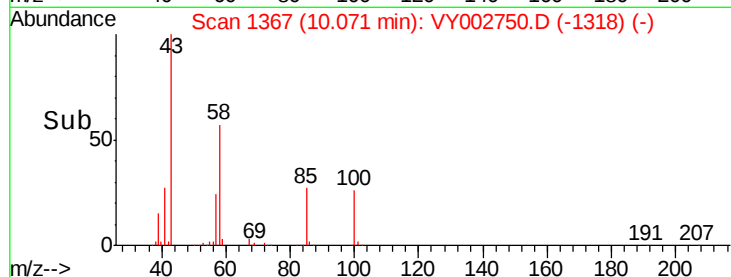
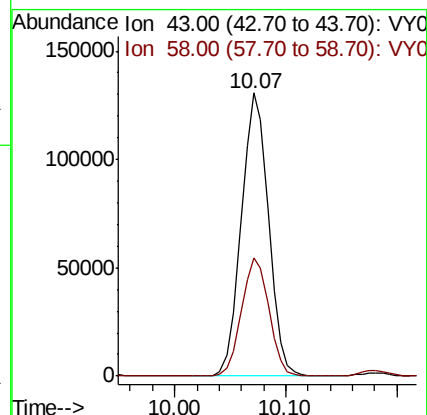
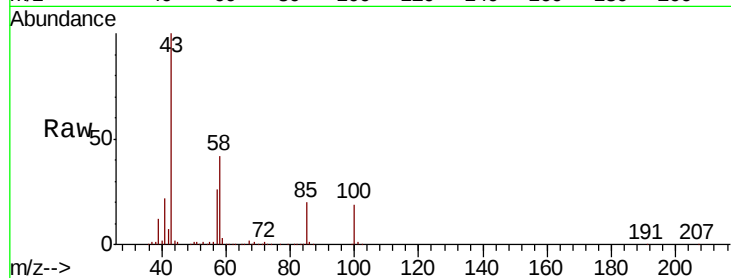




#51
4-Methyl-2-Pentanone
Concen: 112.195 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

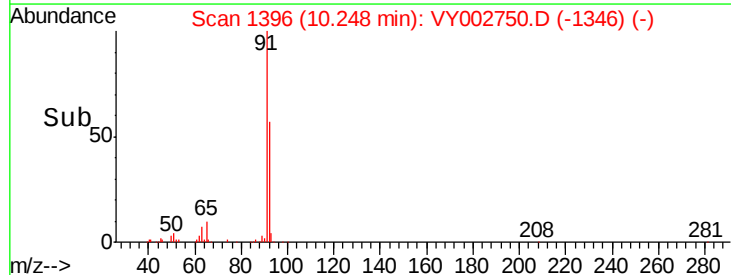
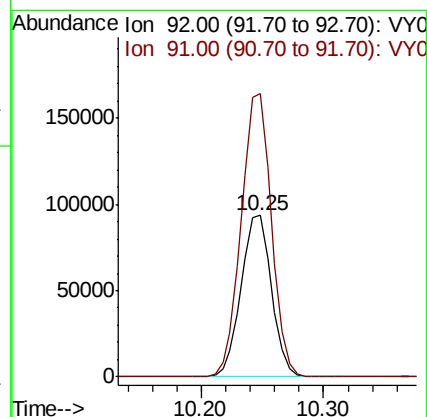
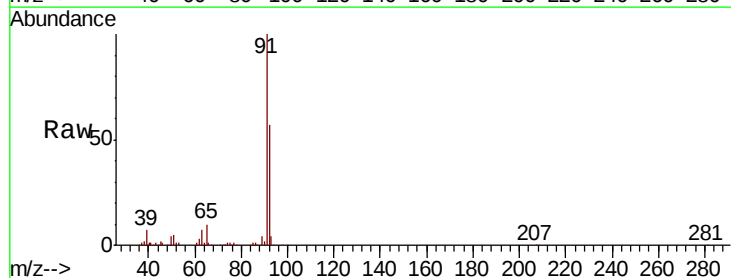
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

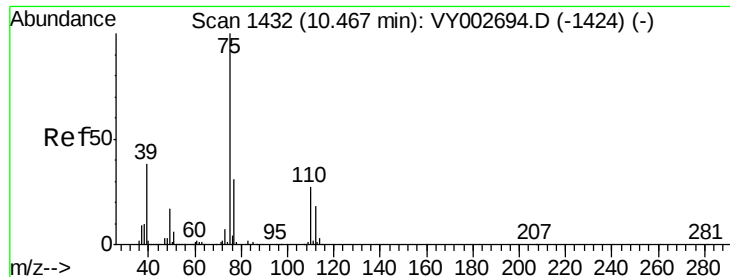
Tot Ion: 43 Resp: 220935
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1



#52
Toluene
Concen: 20.423 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 92 Resp: 160910
Ion Ratio Lower Upper
92 100
91 174.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 20.966 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

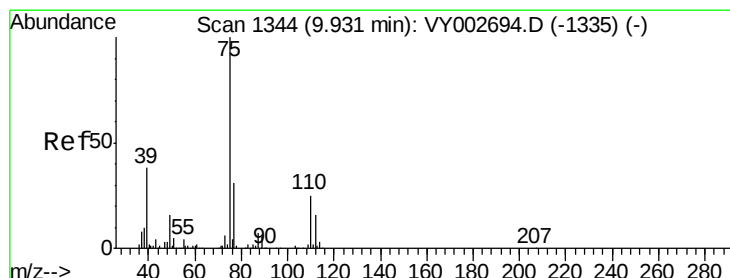
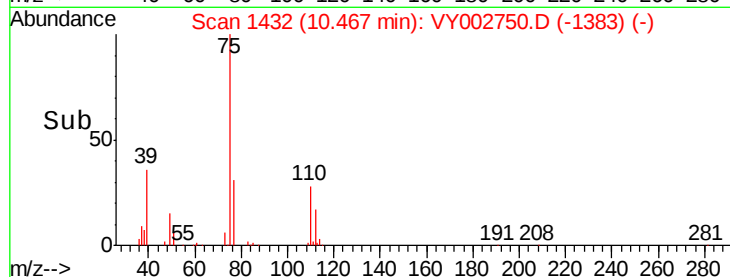
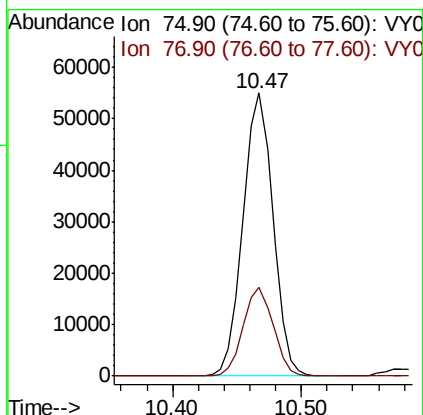
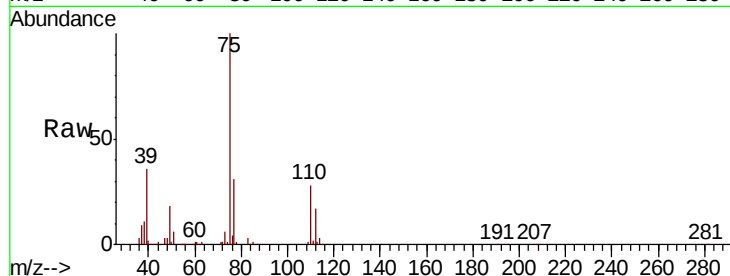
VY0522SBSD01

Tot Ion: 75 Resp: 88664

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.798 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

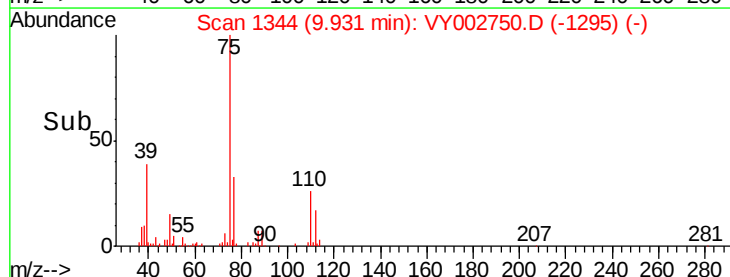
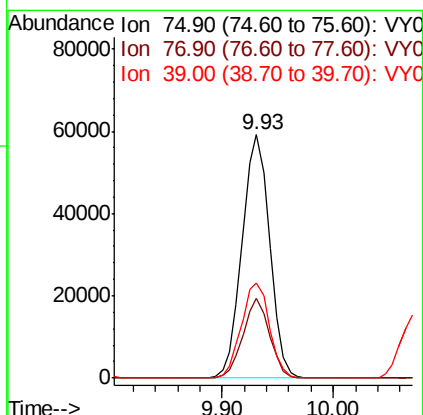
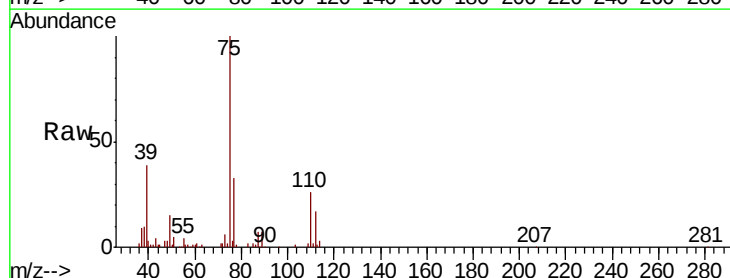
Tgt Ion: 75 Resp: 101964

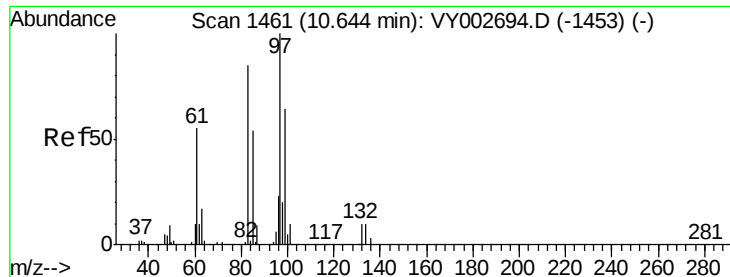
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 39.0 30.7 46.1

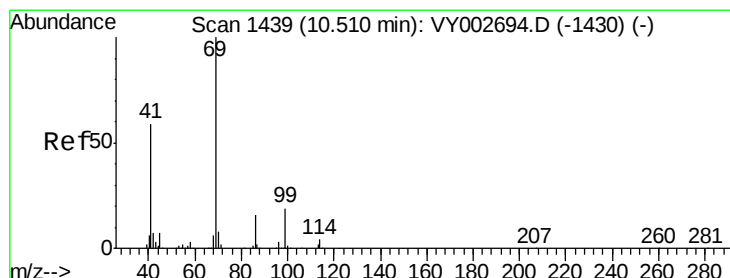
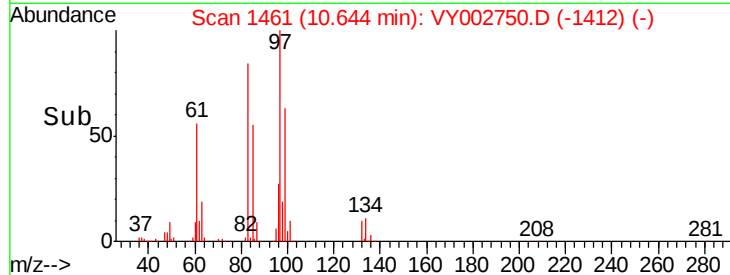
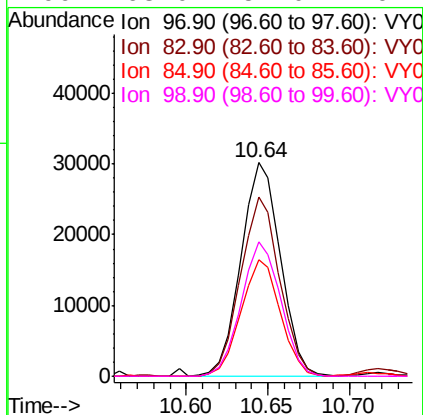
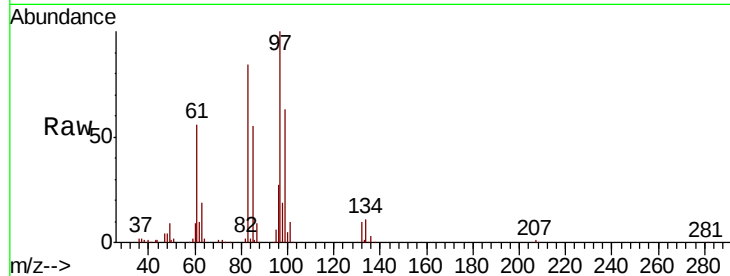




#55
 1,1,2-Trichloroethane
 Concen: 21.039 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

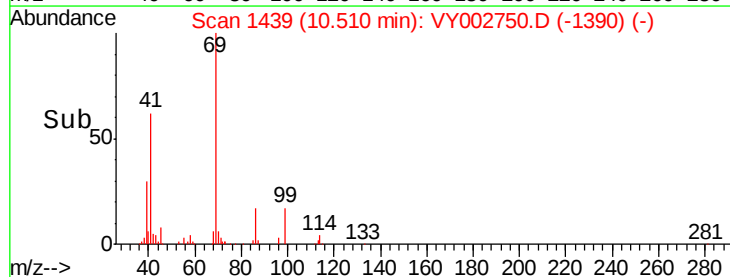
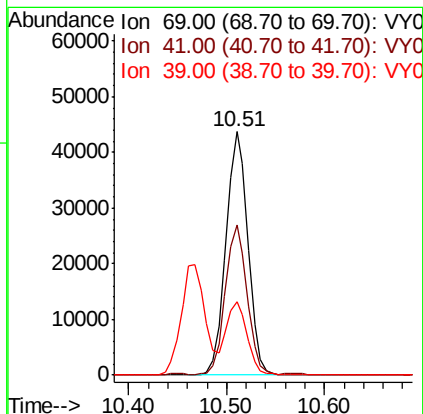
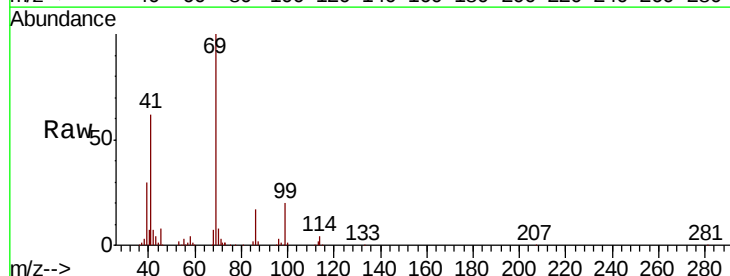
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

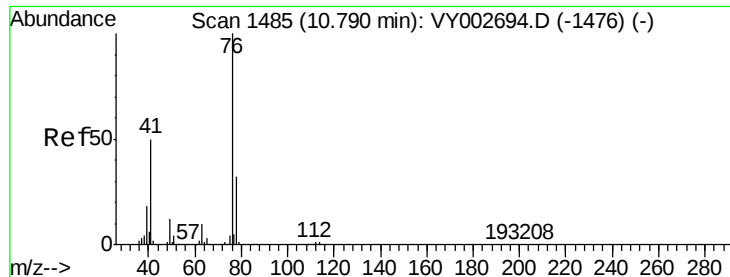
Tot Ion:	97	Resp:	50850
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	54.7	43.1	64.7
99	63.0	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.164 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion:	69	Resp:	68099
Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.0	72.0
39	28.4	22.1	33.1





#57

1,3-Dichloropropane

Concen: 21.248 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

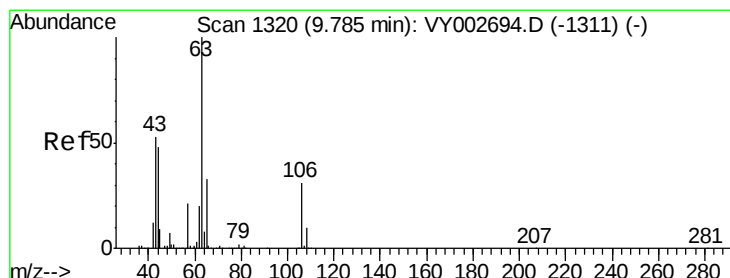
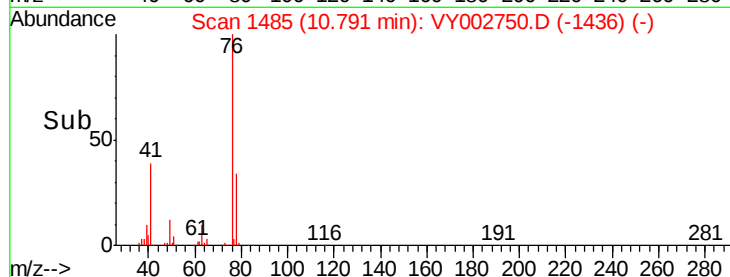
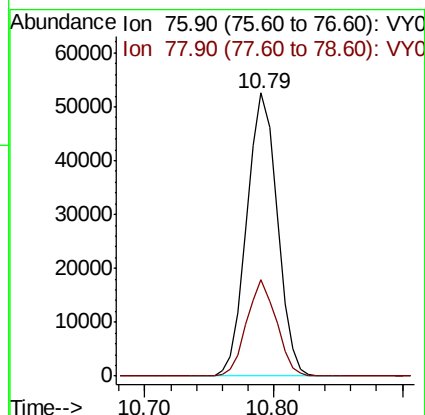
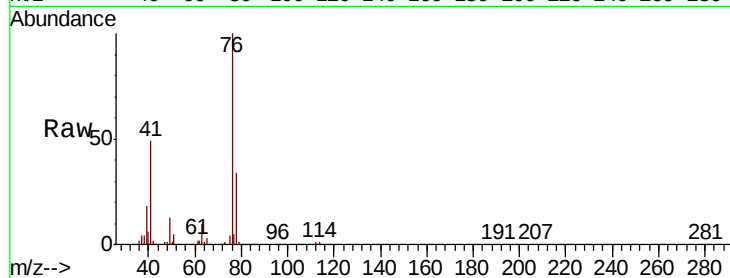
VY0522SBS01

Tot Ion: 76 Resp: 86059

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.697 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002750.D

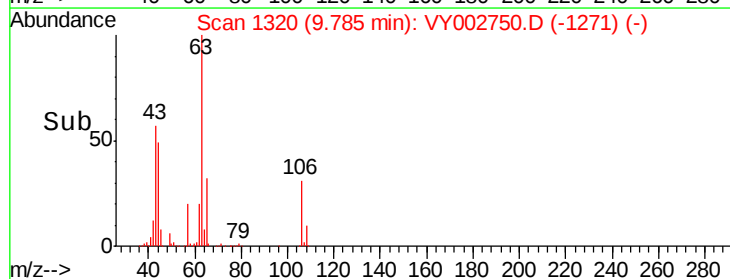
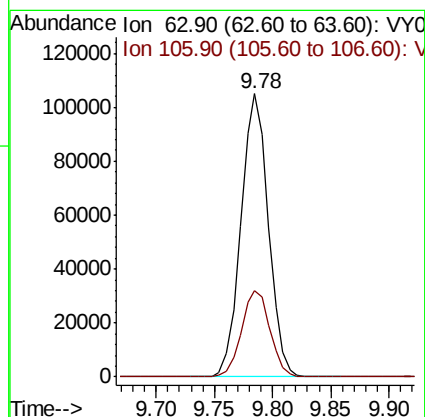
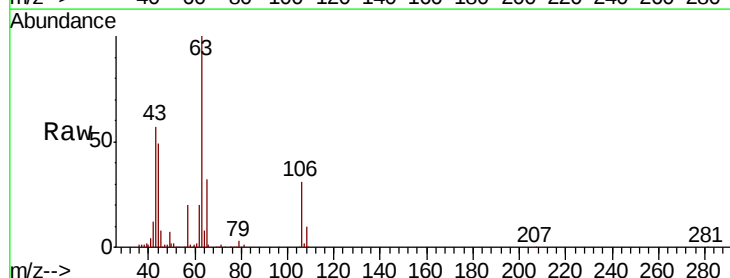
Acq: 22 May 2020 11:33

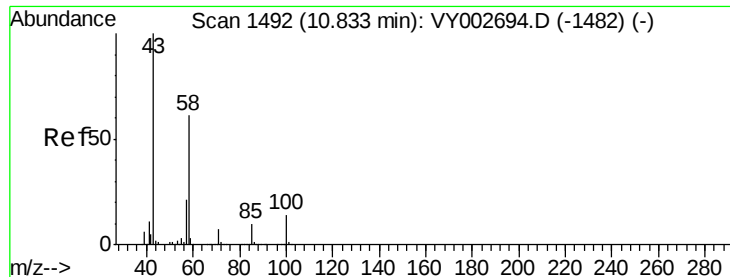
Tgt Ion: 63 Resp: 172660

Ion Ratio Lower Upper

63 100

106 31.3 25.1 37.7

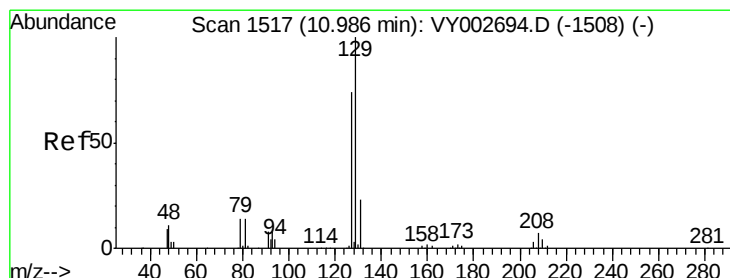
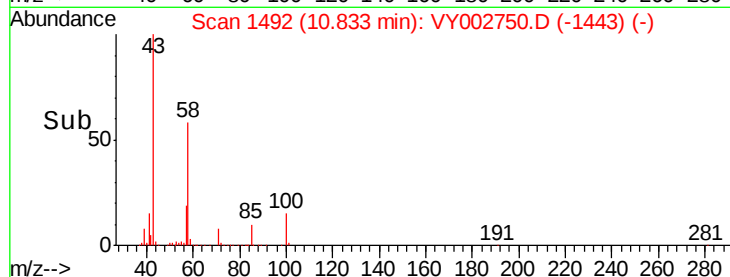
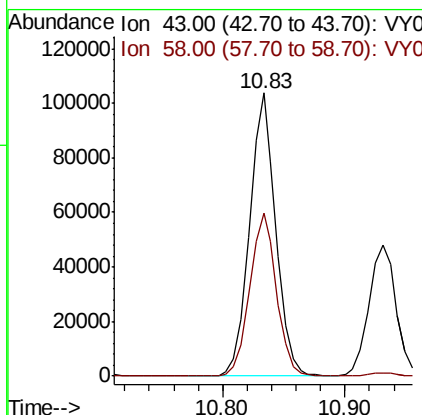
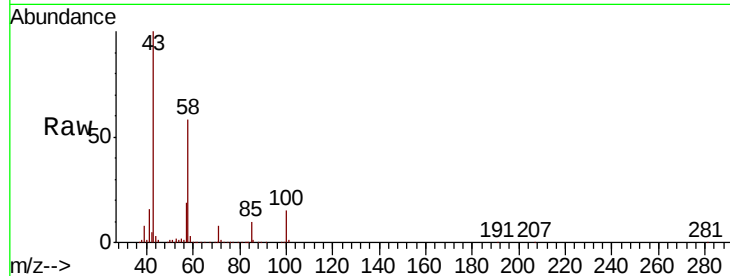




#59
2-Hexanone
Concen: 112.458 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

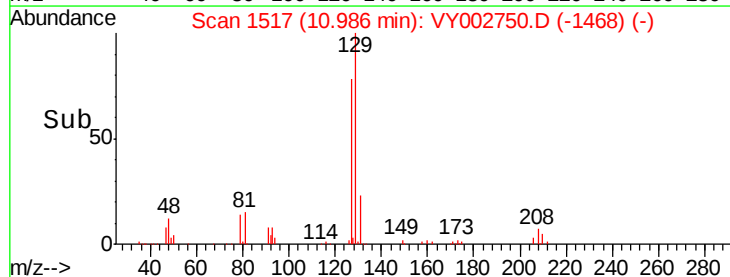
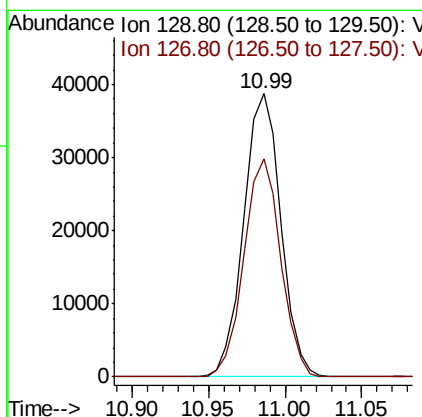
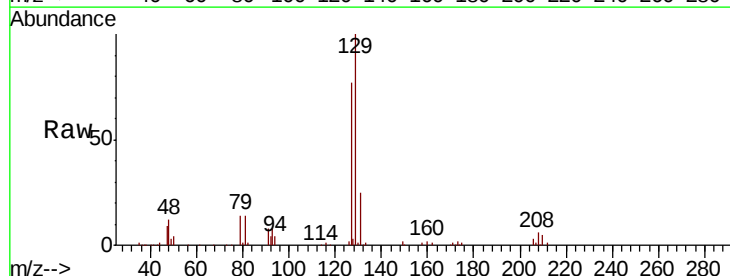
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

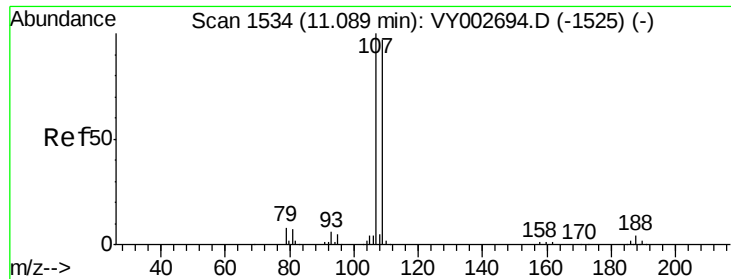
Tot Ion: 43 Resp: 154287
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.4



#60
Dibromochloromethane
Concen: 21.189 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 129 Resp: 65424
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3

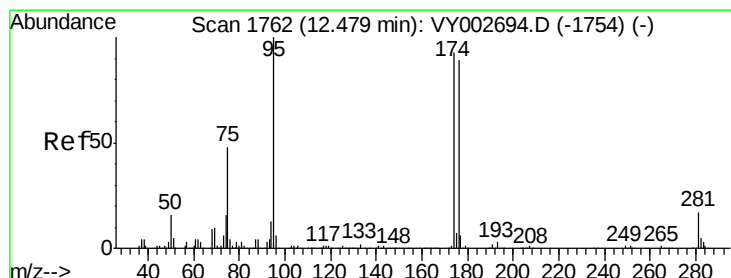
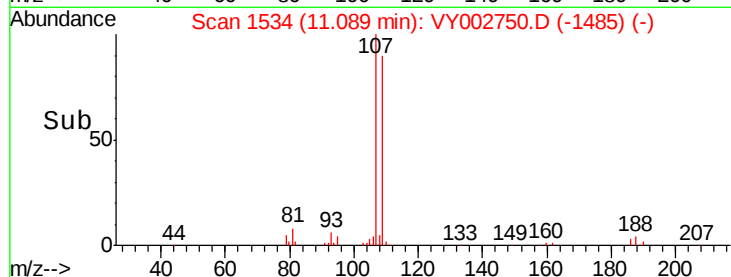
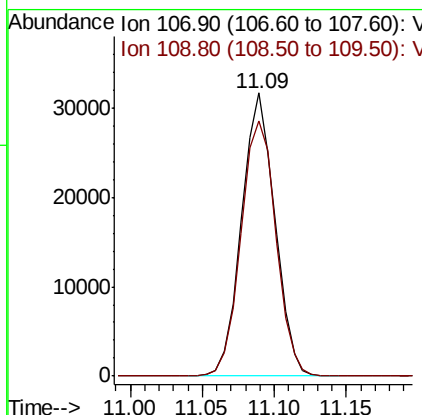
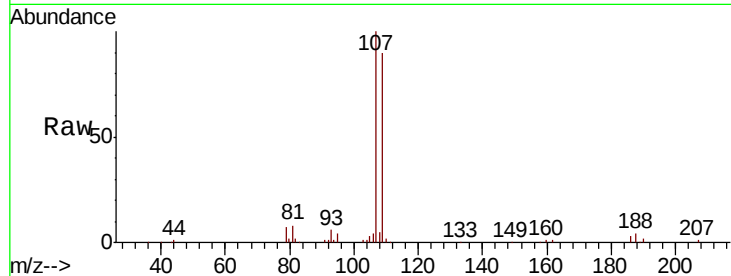




#61
 1,2-Dibromoethane
 Concen: 21.292 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

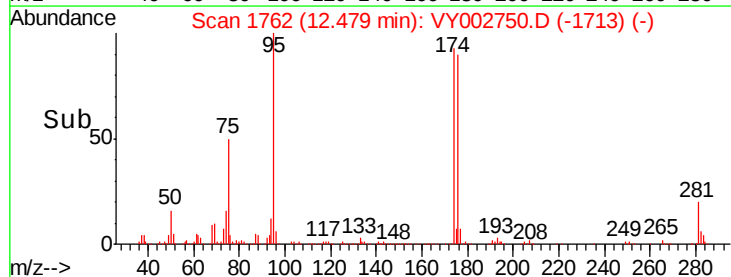
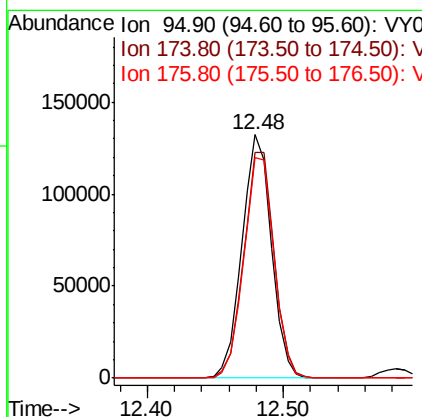
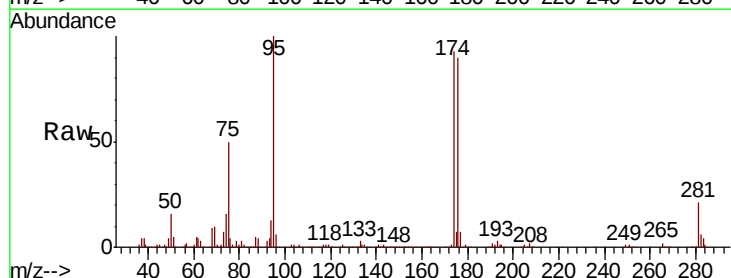
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

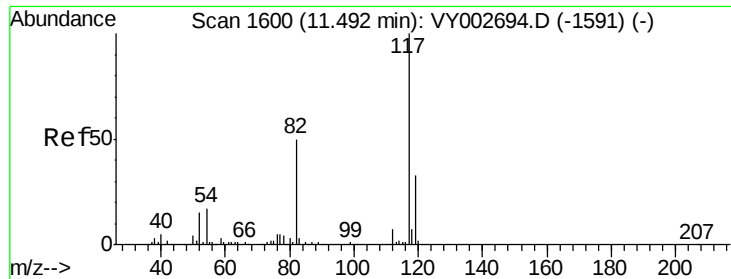
Tot Ion: 107 Resp: 50701
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 53.068 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion: 95 Resp: 199756
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 191.4
 176 93.6 0.0 186.0

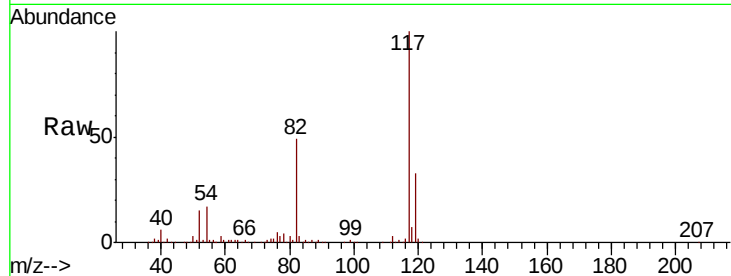




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.3	60.5
119	32.7	26.2	39.4

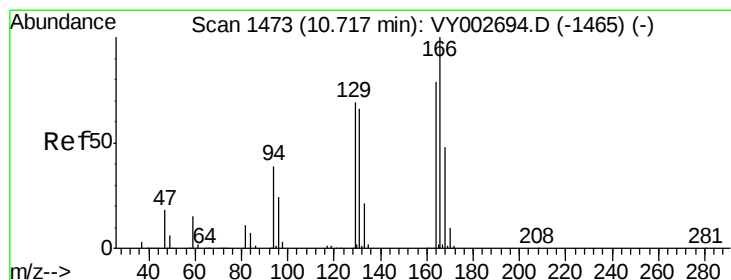
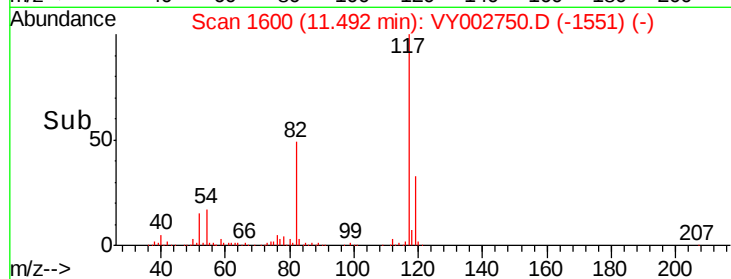
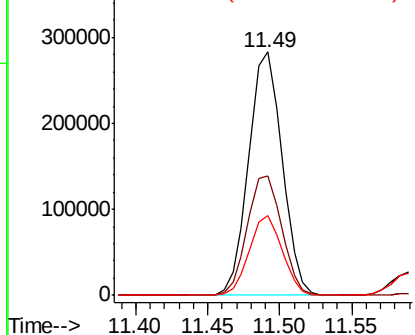


Abundance

Ion 116.90 (116.60 to 117.60): V

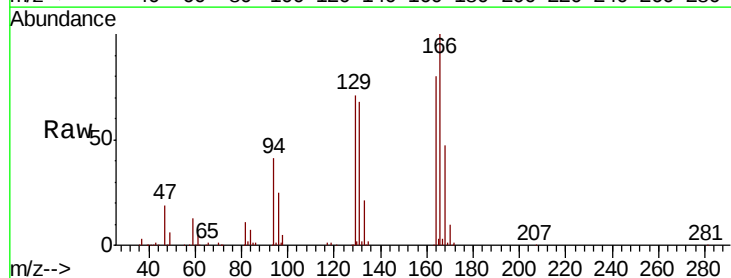
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.717 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	101.6	152.4
129	88.5	70.2	105.4
131	84.2	67.4	101.0



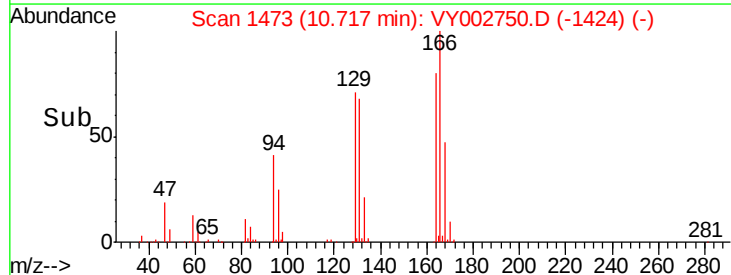
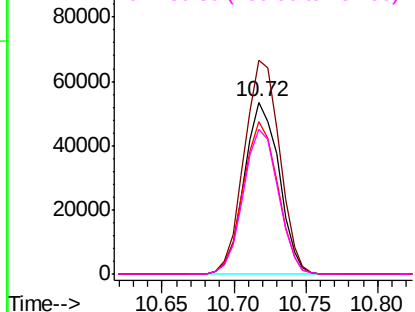
Abundance

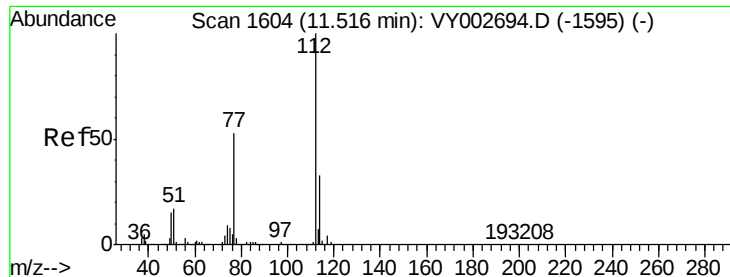
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

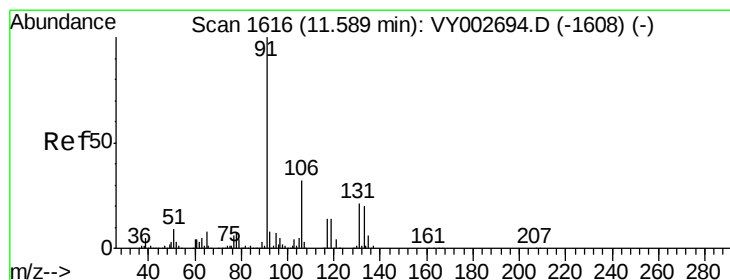
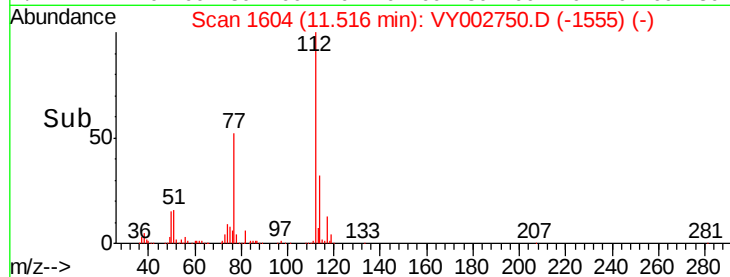
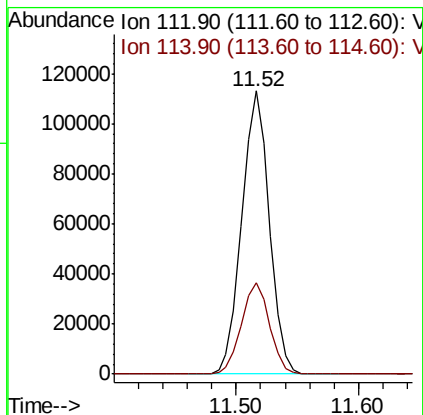
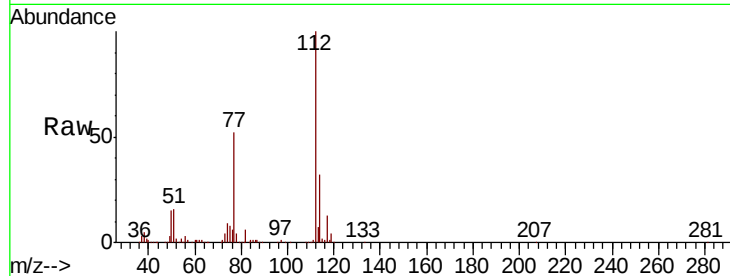




#65
Chlorobenzene
Concen: 19.996 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

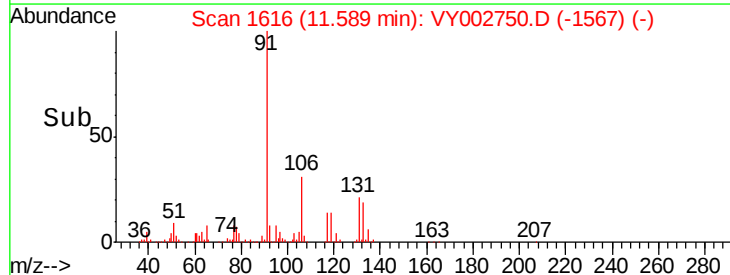
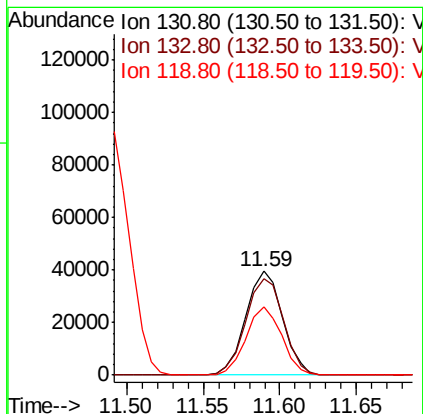
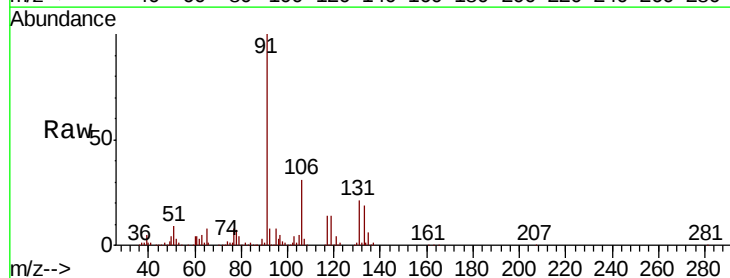
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

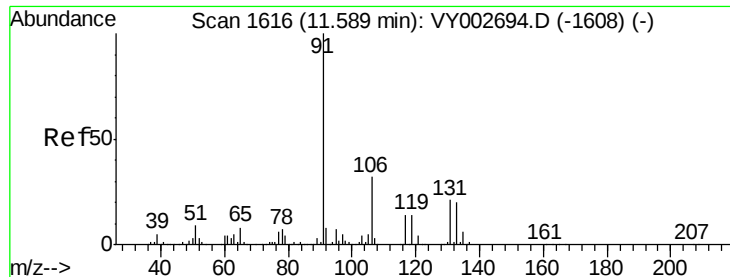
Tot Ion:112 Resp: 176114
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.270 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion:131 Resp: 66259
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 64.2 31.6 94.8

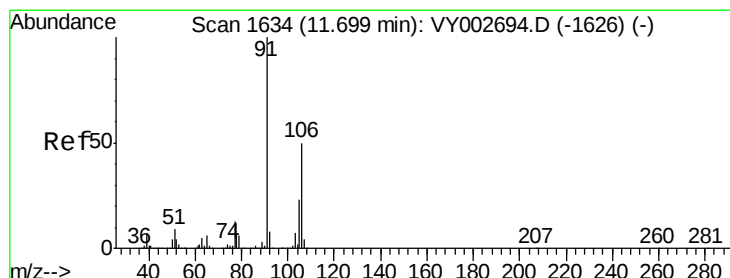
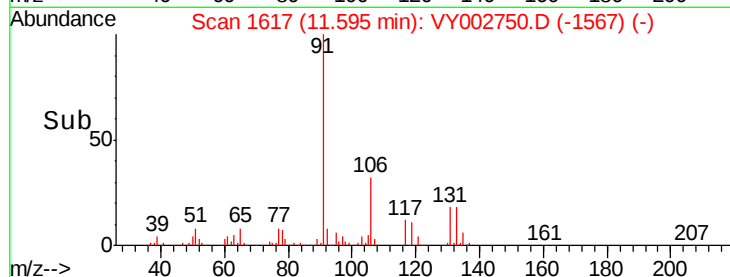
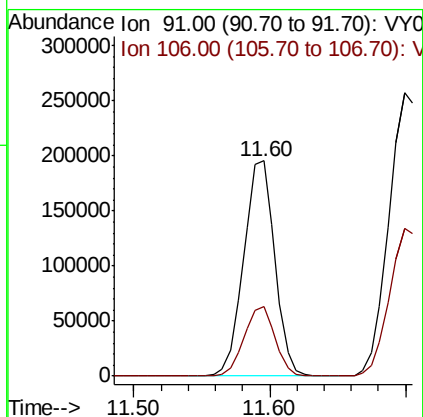
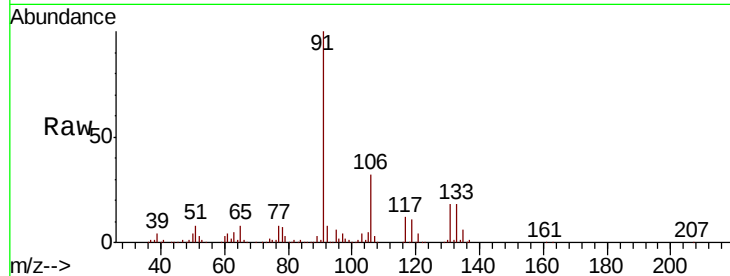




#67
Ethyl Benzene
Concen: 20.247 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

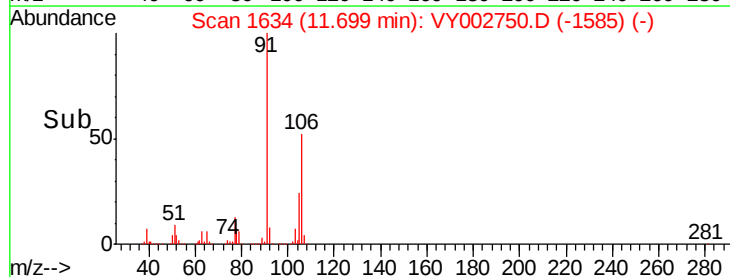
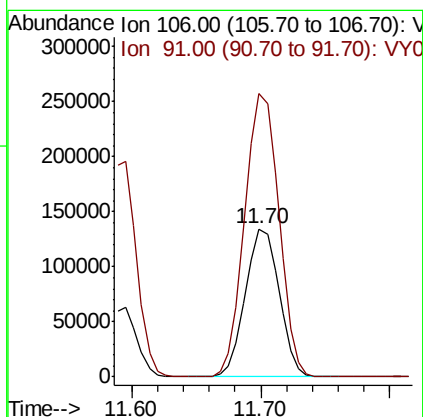
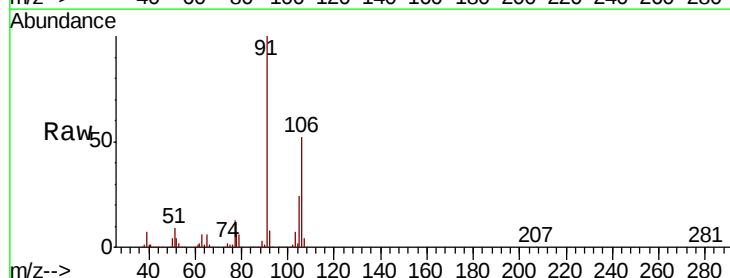
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

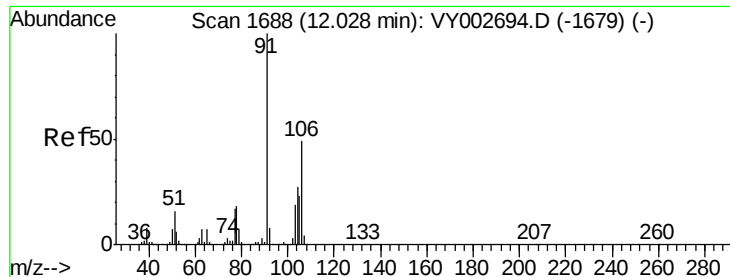
Tot Ion: 91 Resp: 313112
Ion Ratio Lower Upper
91 100
106 32.2 26.0 39.0



#68
m/p-Xylenes
Concen: 40.571 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion: 106 Resp: 244093
Ion Ratio Lower Upper
106 100
91 194.5 156.2 234.4

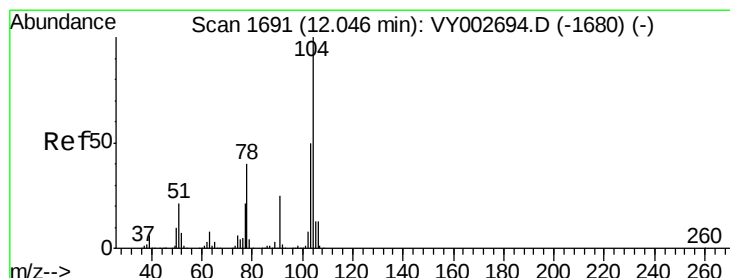
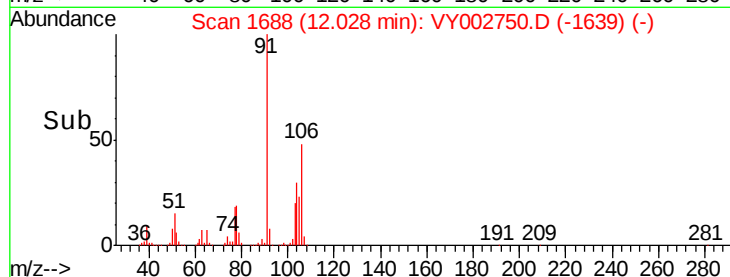
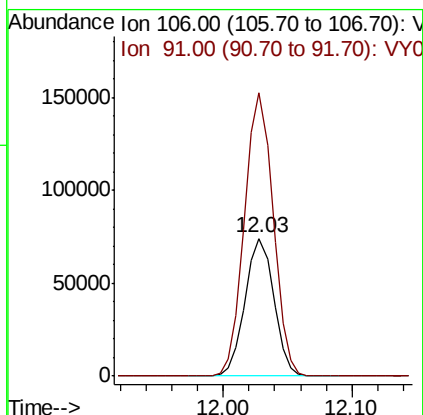
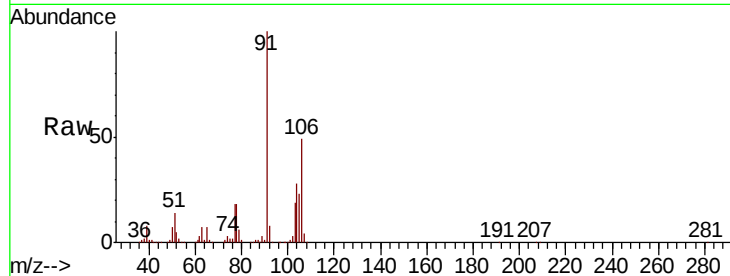




#69
o-Xylene
Concen: 20.283 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

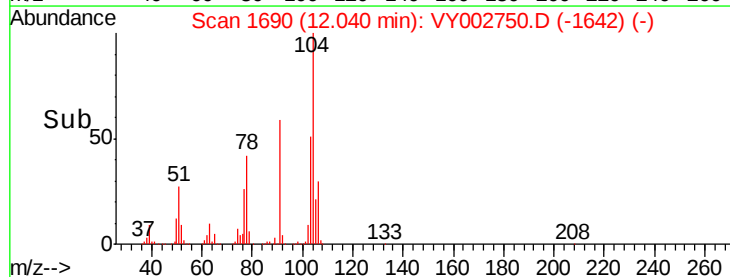
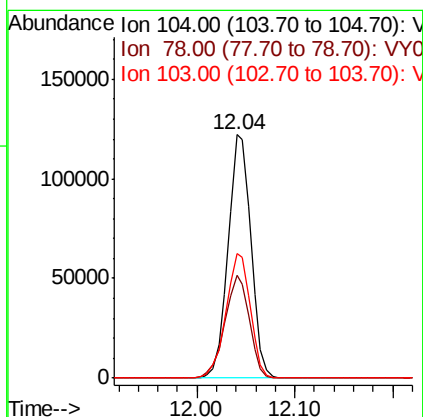
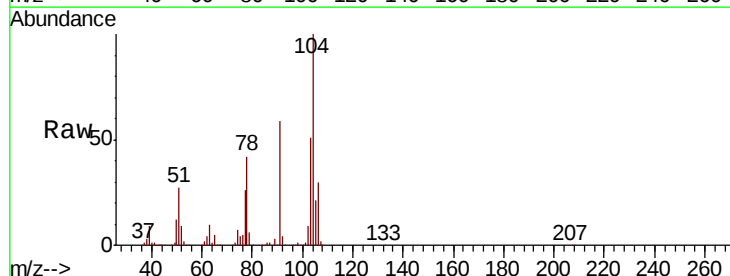
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

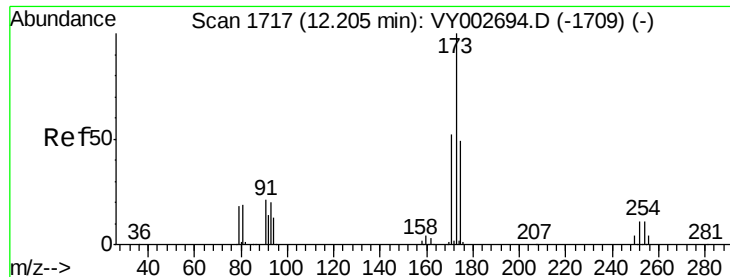
Tot Ion:106 Resp: 114535
Ion Ratio Lower Upper
106 100
91 205.4 103.5 310.3



#70
Styrene
Concen: 20.338 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion:104 Resp: 197180
Ion Ratio Lower Upper
104 100
78 45.3 36.6 54.8
103 54.5 44.1 66.1





#71

Bromoform

Concen: 20.691 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

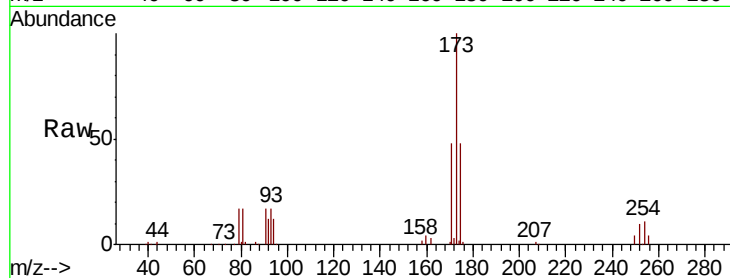
Tot Ion:173 Resp: 41807

Ion Ratio Lower Upper

173 100

175 50.7 24.1 72.4

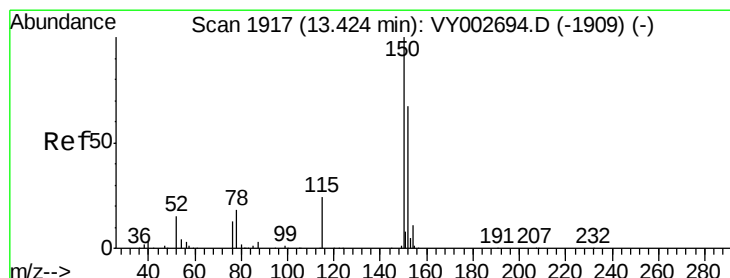
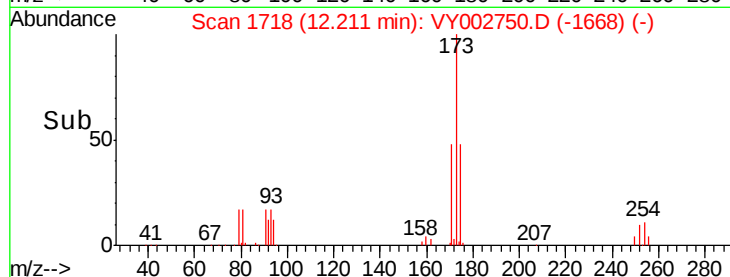
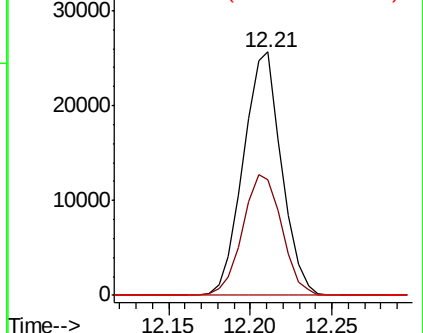
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

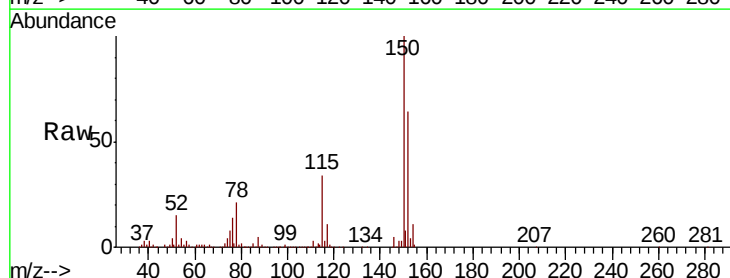
Tgt Ion:152 Resp: 242192

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

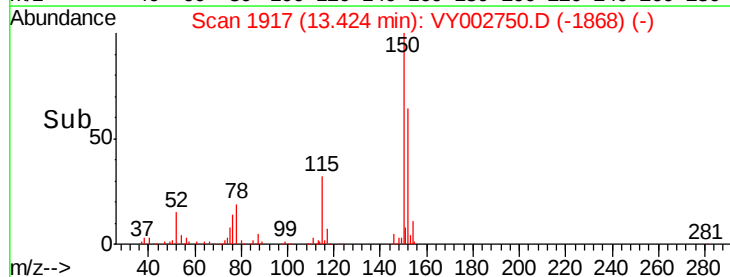
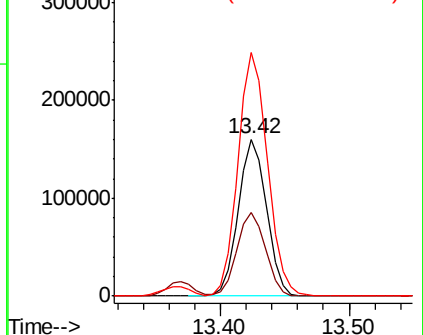
150 163.2 0.0 343.8

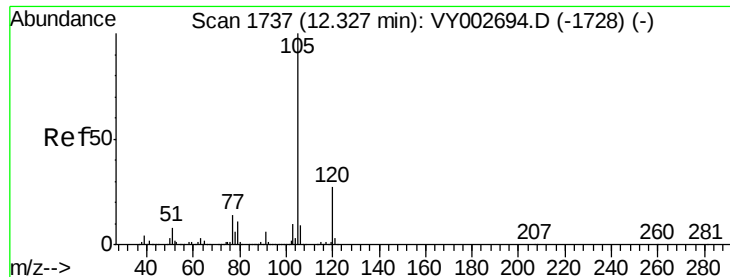


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.829 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

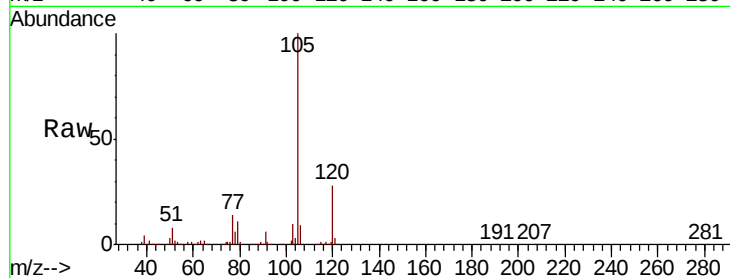
VY0522SBS01

Tot Ion:105 Resp: 313802

Ion Ratio Lower Upper

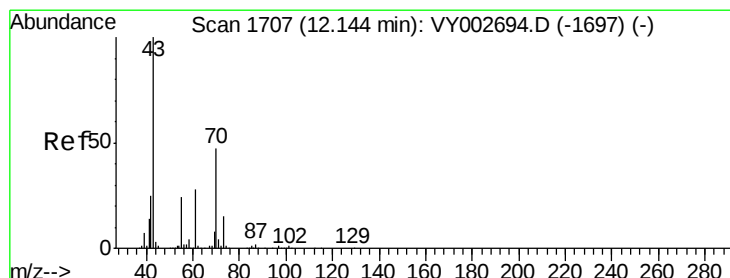
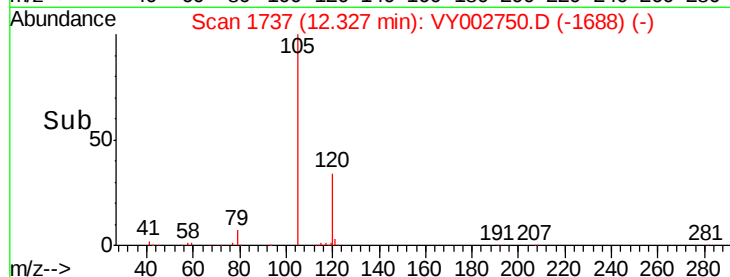
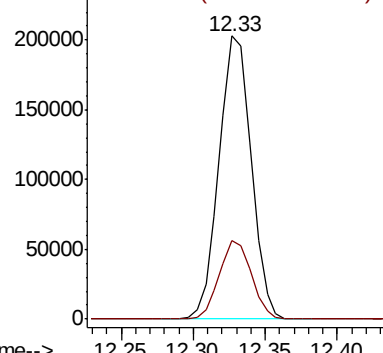
105 100

120 27.6 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.910 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Tgt Ion: 43 Resp: 77650

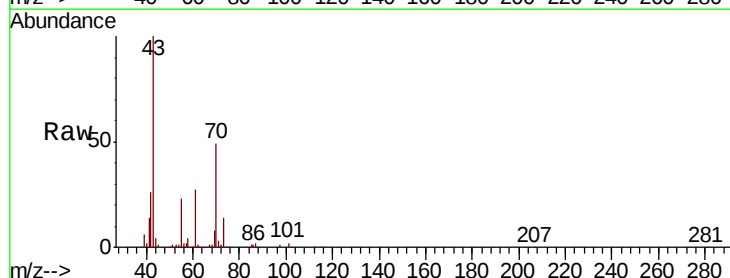
Ion Ratio Lower Upper

43 100

70 48.0 37.7 56.5

55 24.9 19.4 29.0

61 26.2 21.3 31.9

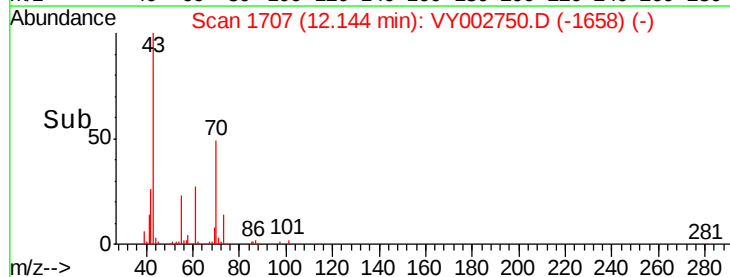
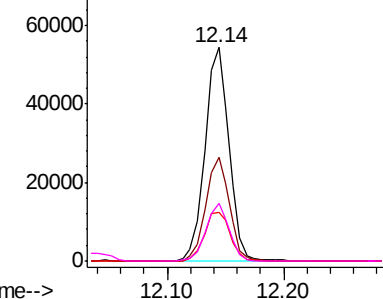


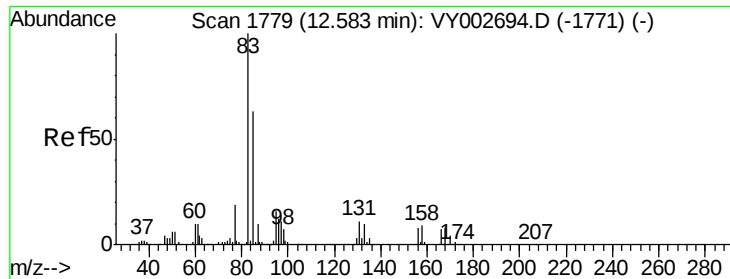
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.889 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

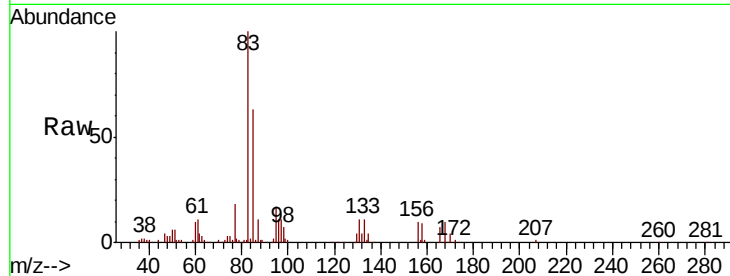
Tot Ion: 83 Resp: 48680

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.3

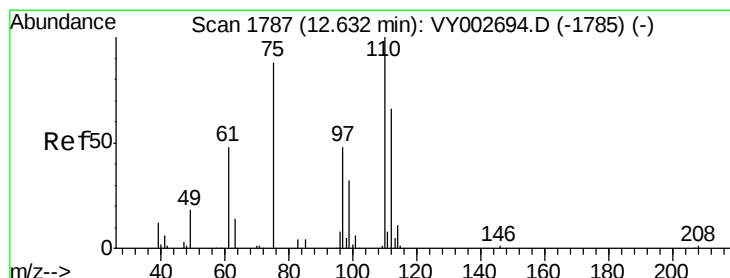
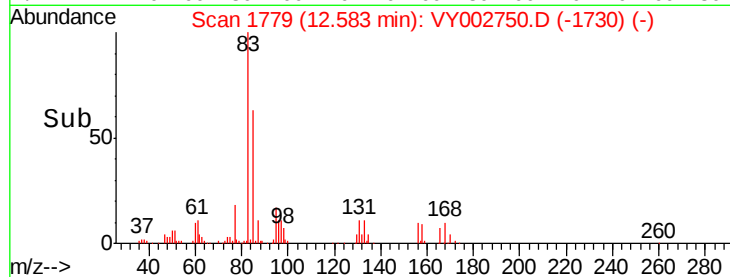
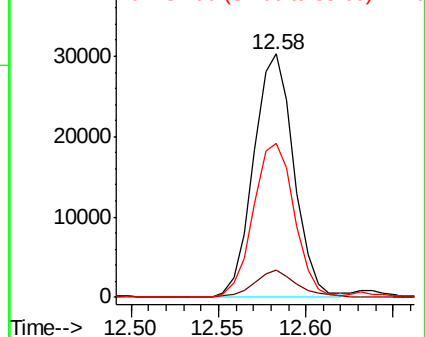
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002750.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002750.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002750.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 21.225 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002750.D

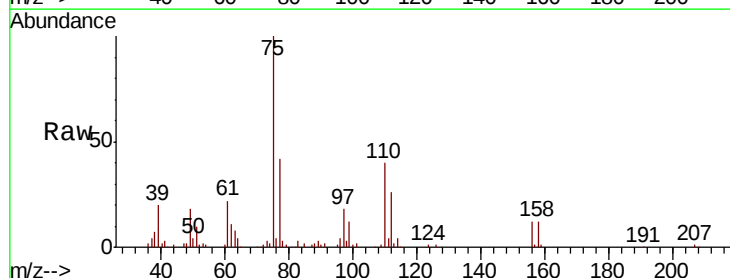
Acq: 22 May 2020 11:33

Tgt Ion: 75 Resp: 42227

Ion Ratio Lower Upper

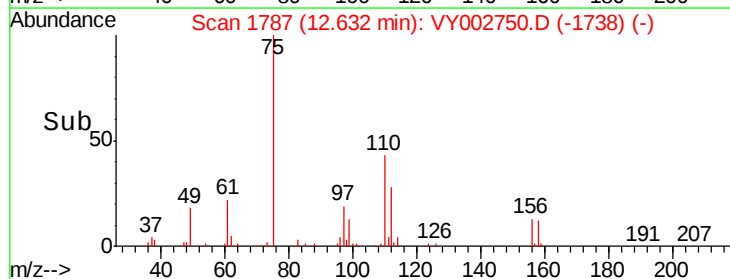
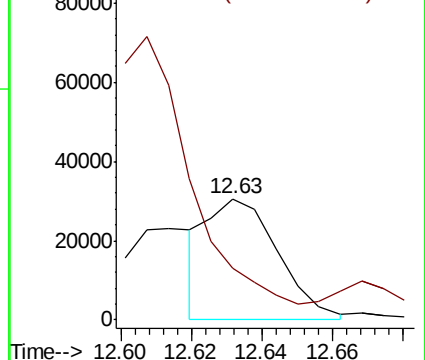
75 100

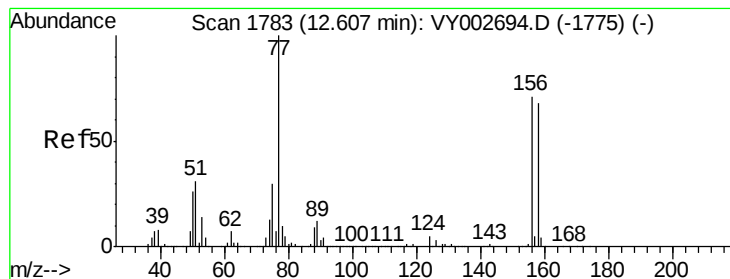
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002750.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002750.D (-1738) (-)





#77

Bromobenzene

Concen: 20.035 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

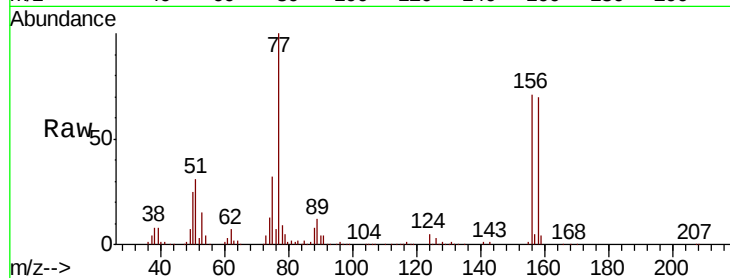
Tot Ion:156 Resp: 79269

Ion Ratio Lower Upper

156 100

77 162.0 80.8 242.3

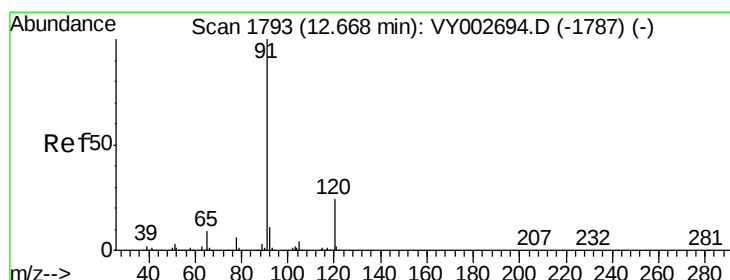
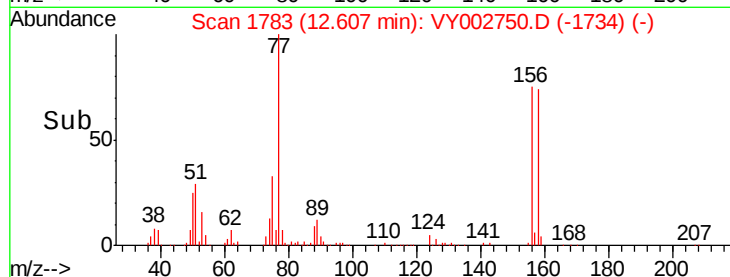
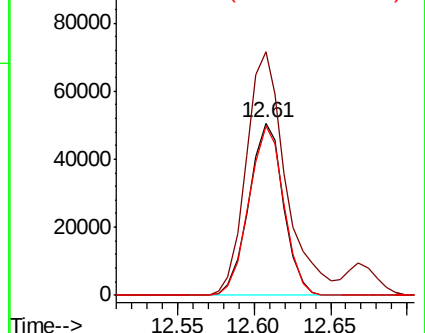
158 99.2 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.878 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002750.D

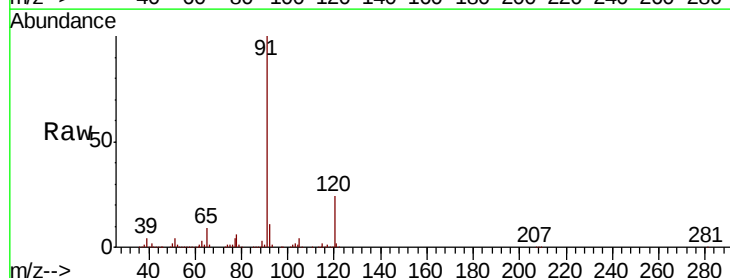
Acq: 22 May 2020 11:33

Tgt Ion: 91 Resp: 365948

Ion Ratio Lower Upper

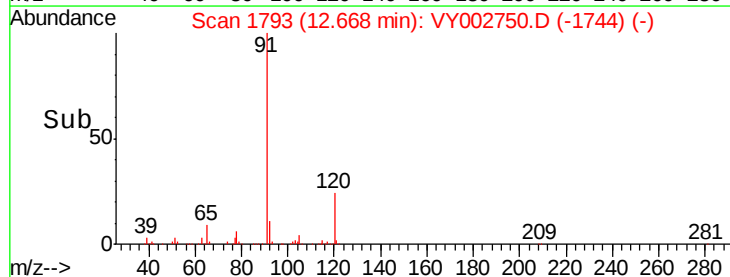
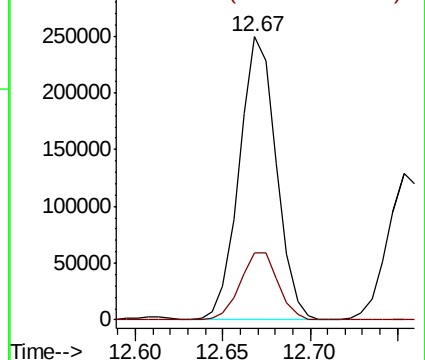
91 100

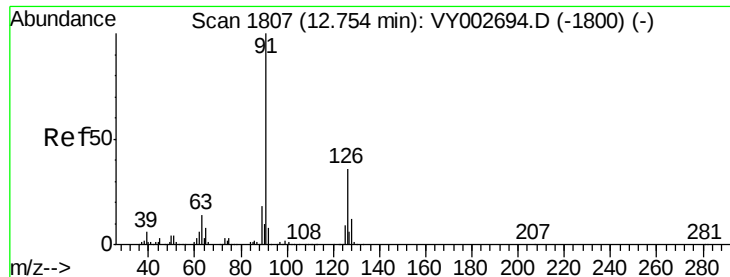
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

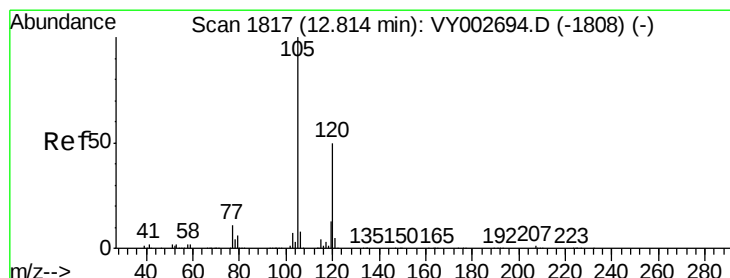
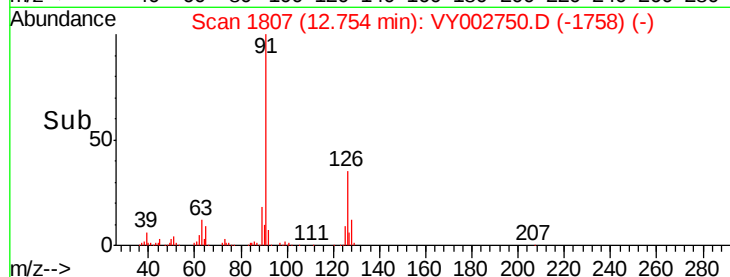
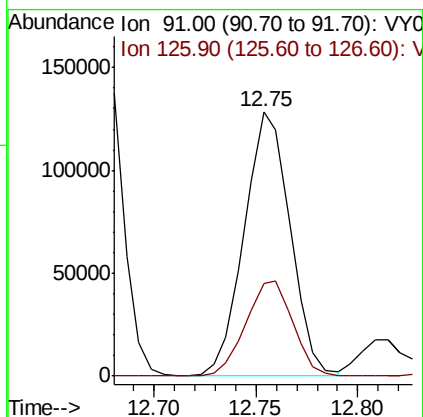
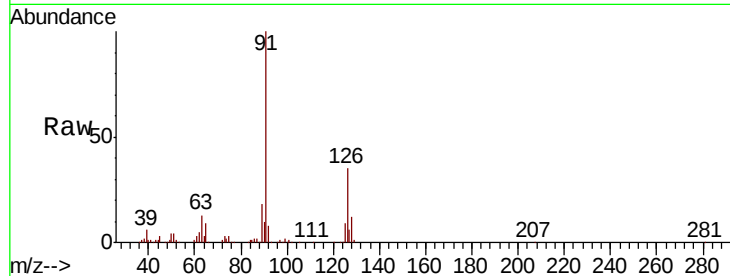




#79
 2-Chlorotoluene
 Concen: 19.721 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

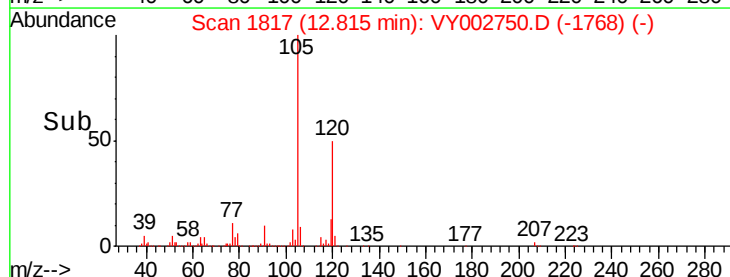
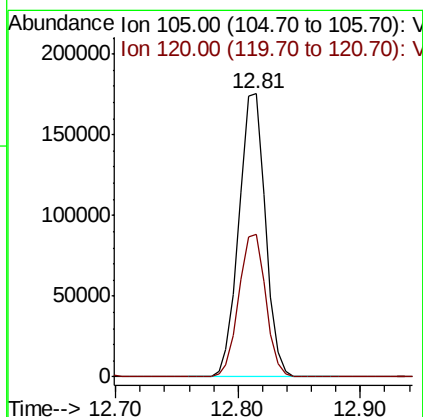
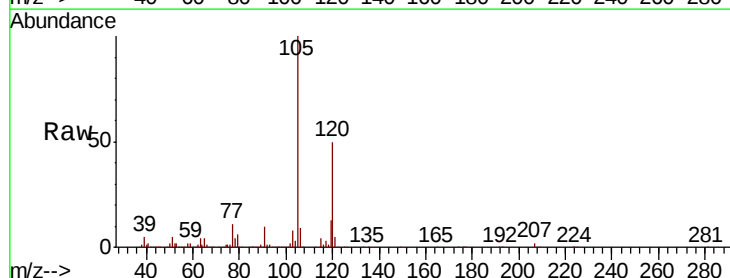
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

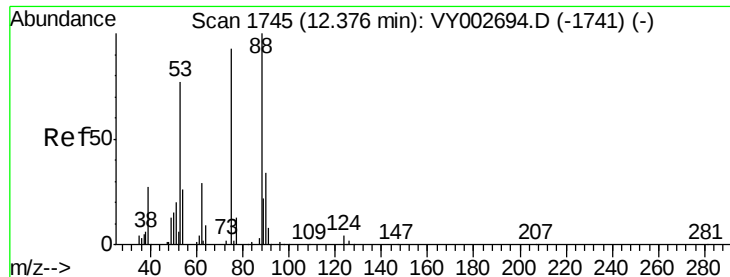
Tot Ion: 91 Resp: 201362
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.727 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion: 105 Resp: 262318
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.611 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

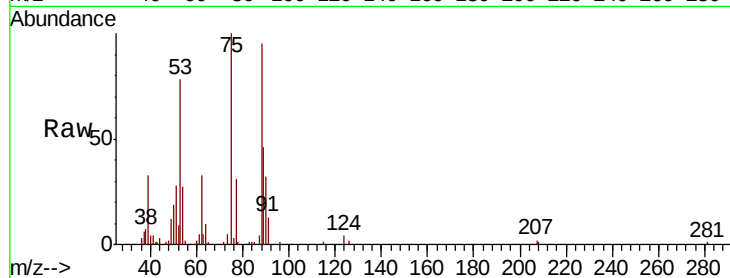
Tot Ion: 75 Resp: 22735

Ion Ratio Lower Upper

75 100

53 79.1 65.0 97.6

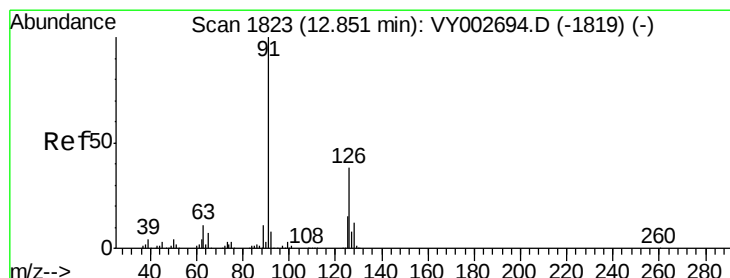
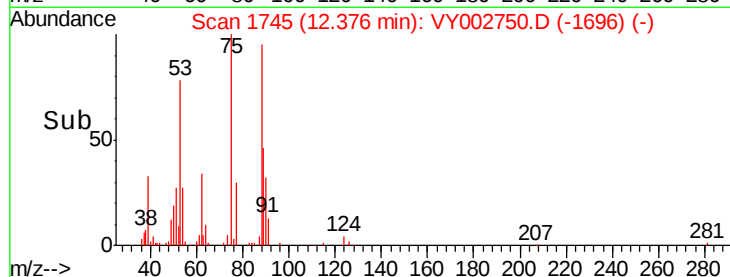
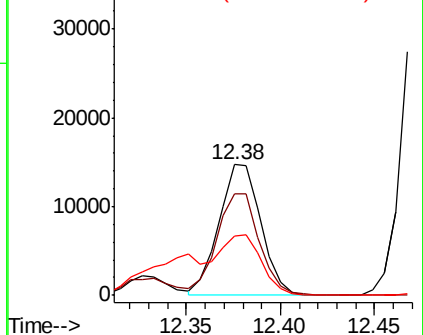
89 49.3 66.6 99.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.854 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002750.D

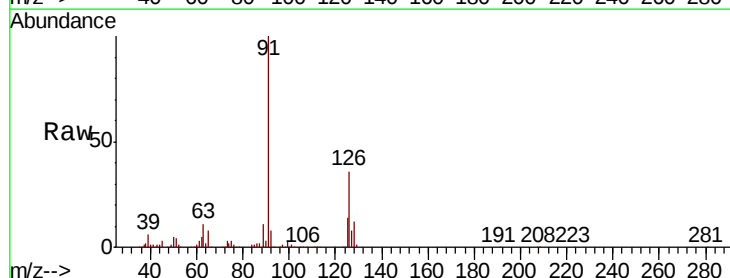
Acq: 22 May 2020 11:33

Tgt Ion: 91 Resp: 212352

Ion Ratio Lower Upper

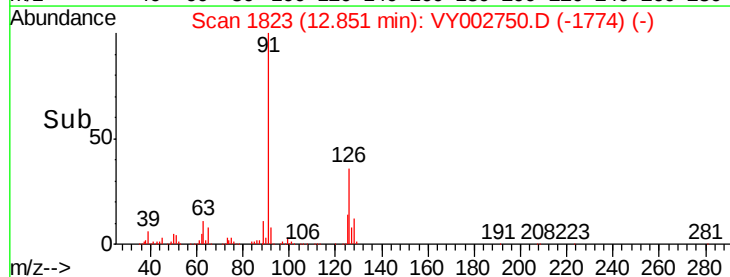
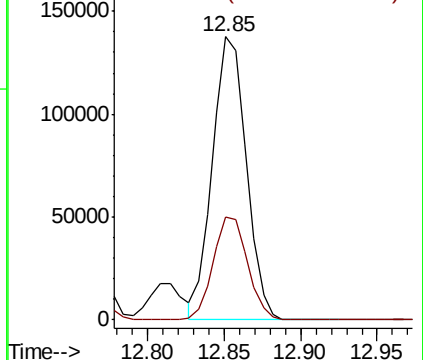
91 100

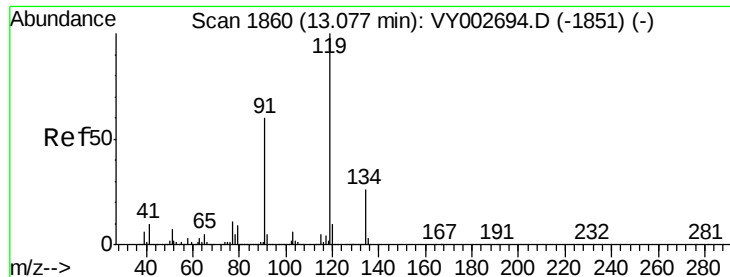
126 36.9 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.636 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

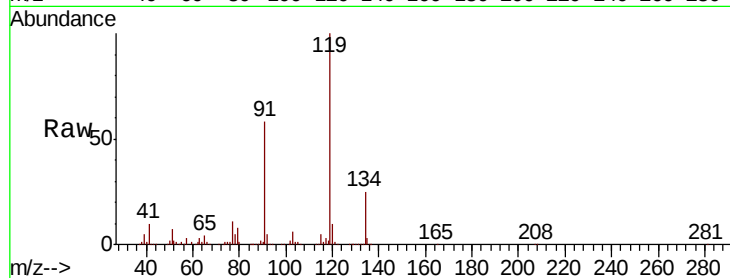
Tot Ion:119 Resp: 231086

Ion Ratio Lower Upper

119 100

91 60.2 30.4 91.2

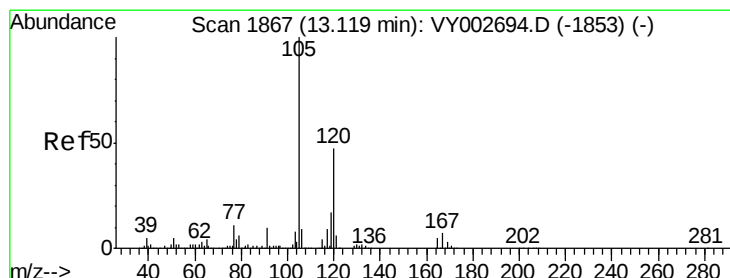
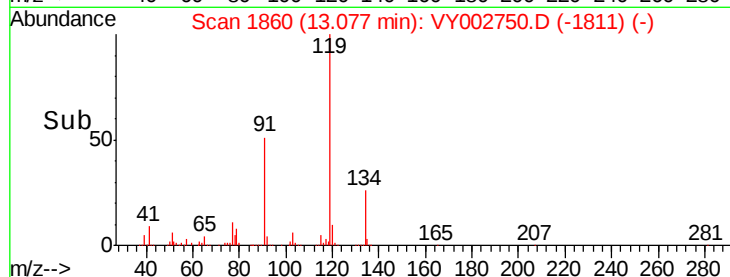
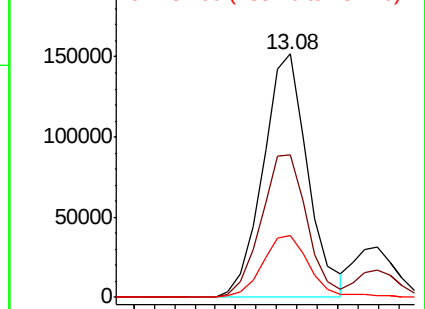
134 26.9 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.894 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY002750.D

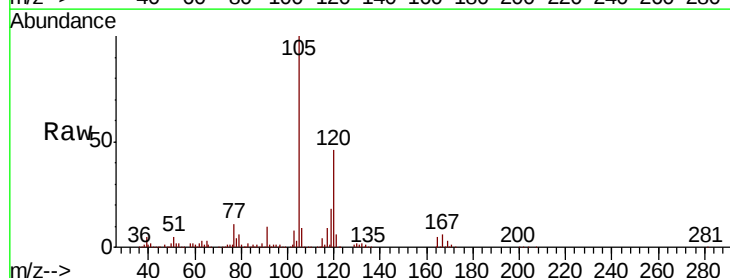
Acq: 22 May 2020 11:33

Tgt Ion:105 Resp: 264380

Ion Ratio Lower Upper

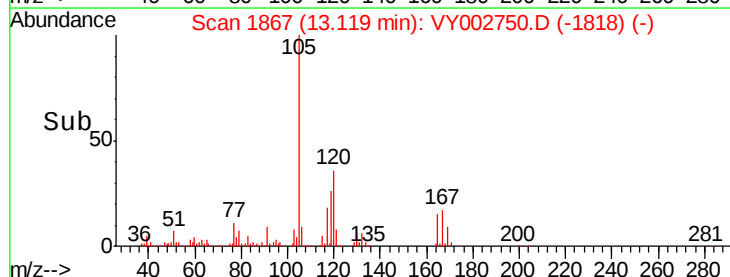
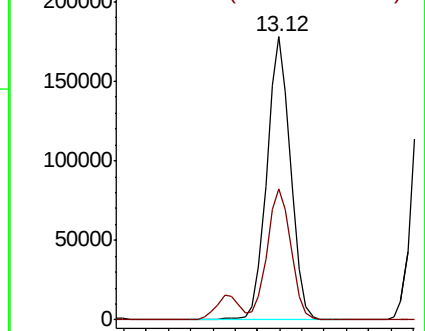
105 100

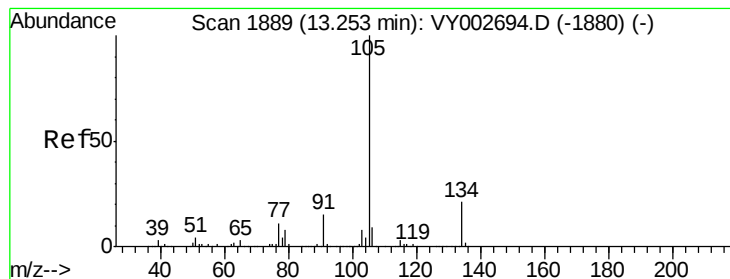
120 46.8 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.841 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

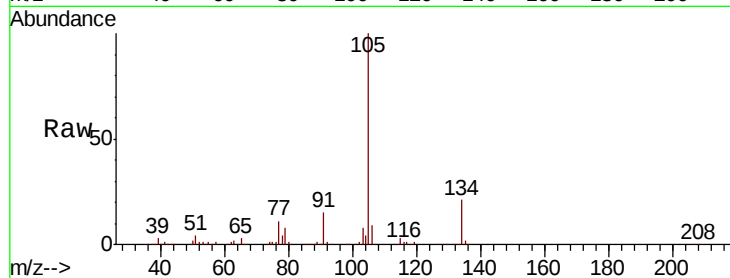
VY0522SBS01

Tot Ion:105 Resp: 322207

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

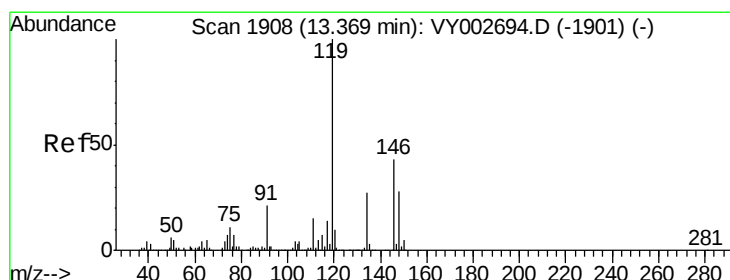
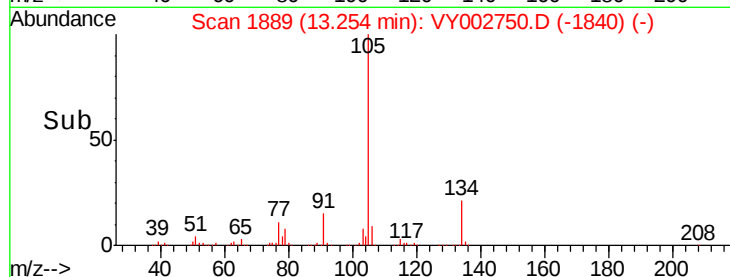
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.834 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

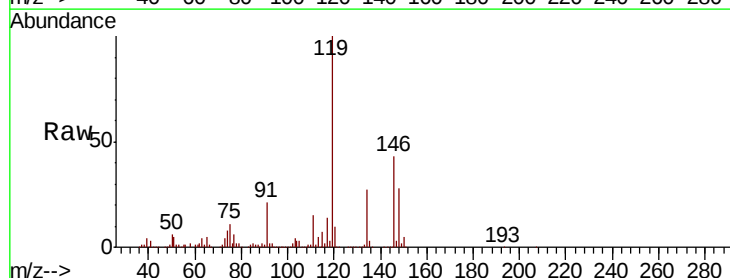
Tgt Ion:119 Resp: 301477

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.2 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

250000

200000

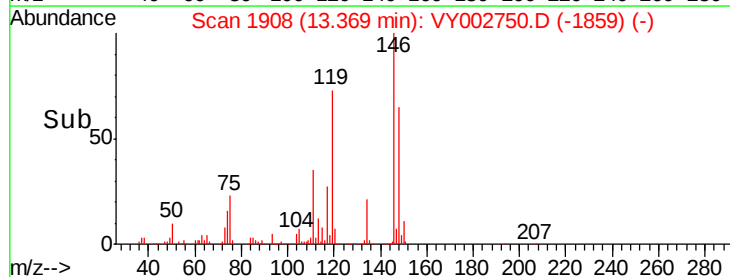
150000

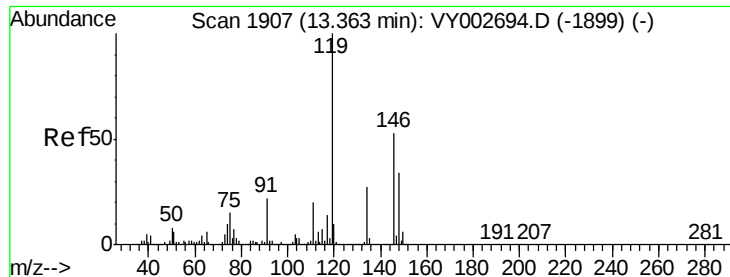
100000

50000

0

Time-->

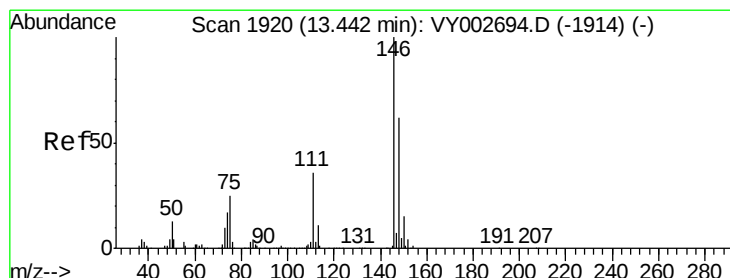
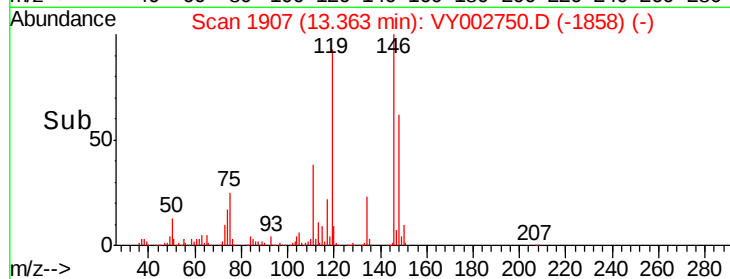
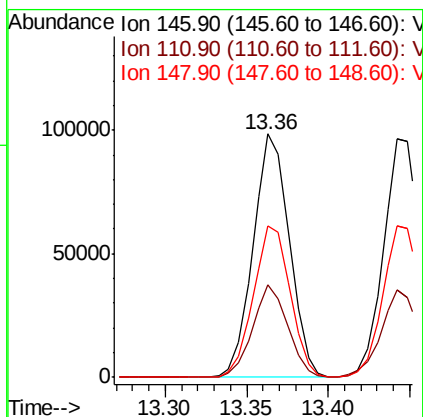
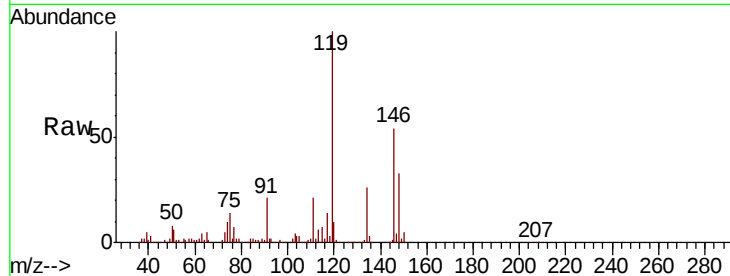




#87
 1,3-Dichlorobenzene
 Concen: 19.920 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

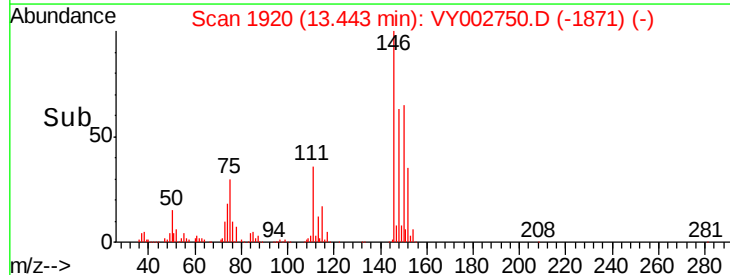
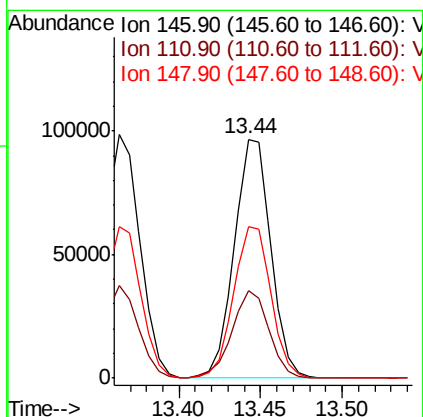
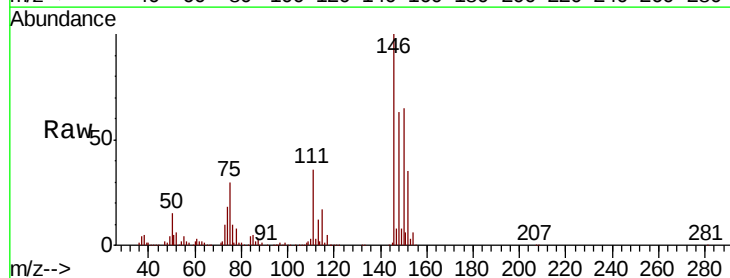
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

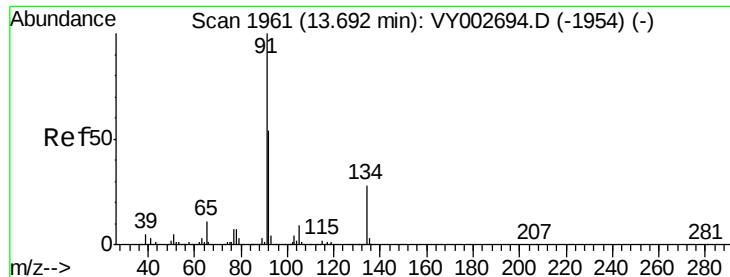
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.5	55.5
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.823 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.4
148	64.7	31.8	95.3





#89

n-Butylbenzene

Concen: 19.605 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

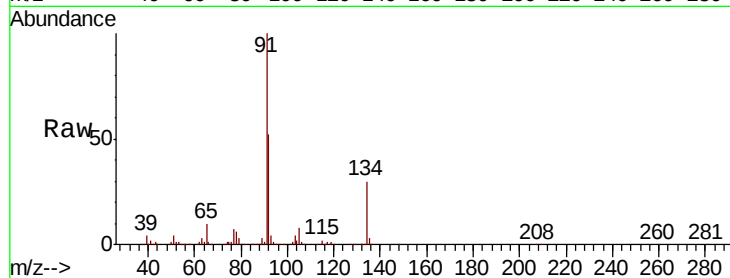
Tot Ion: 91 Resp: 273666

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

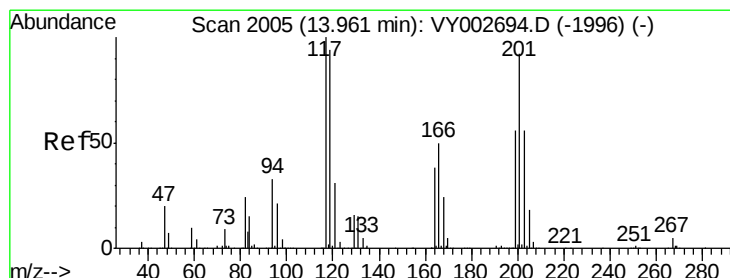
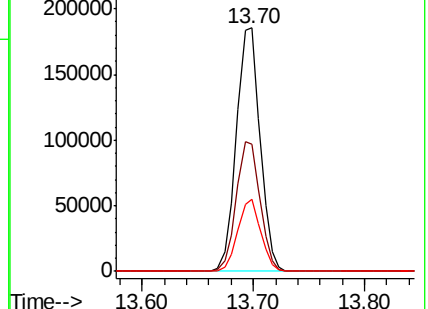
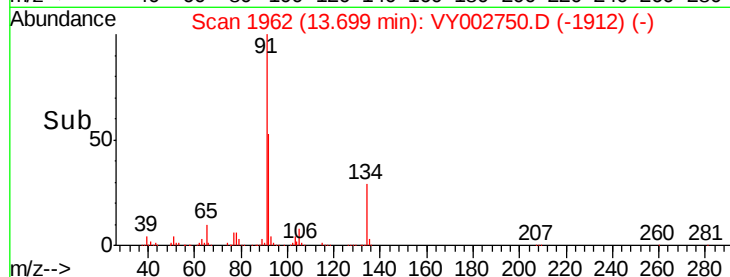
134 28.7 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VY002750.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY002750.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY002750.D (-1912) (-)



#90

Hexachloroethane

Concen: 19.575 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY002750.D

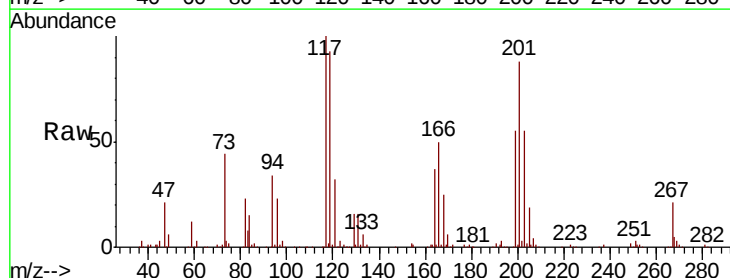
Acq: 22 May 2020 11:33

Tgt Ion: 117 Resp: 55111

Ion Ratio Lower Upper

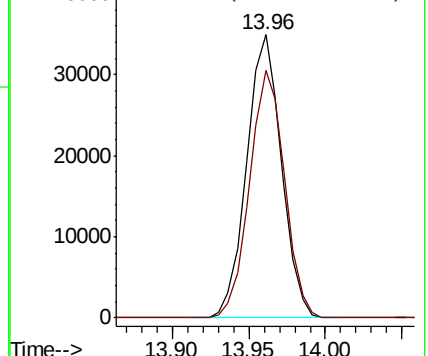
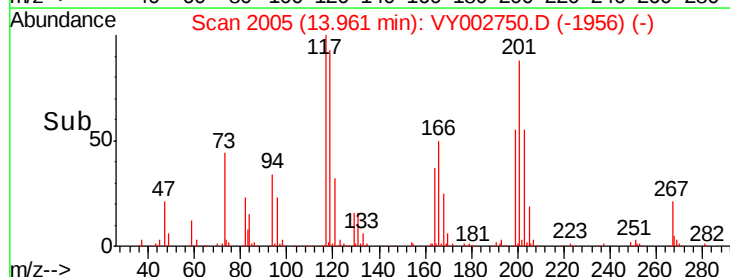
117 100

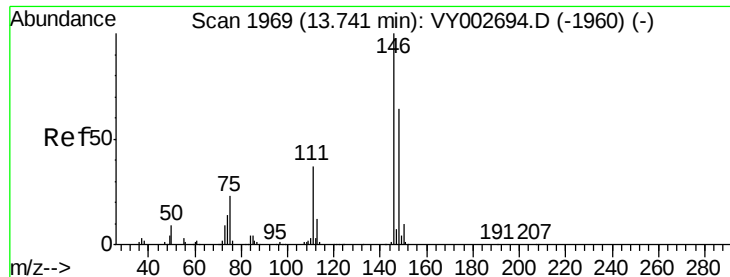
201 87.9 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): VY002750.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002750.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 20.131 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

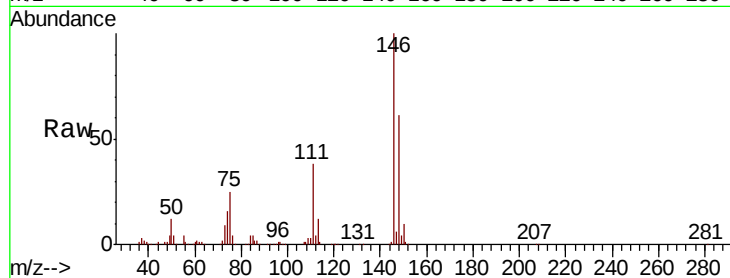
Tot Ion:146 Resp: 137723

Ion Ratio Lower Upper

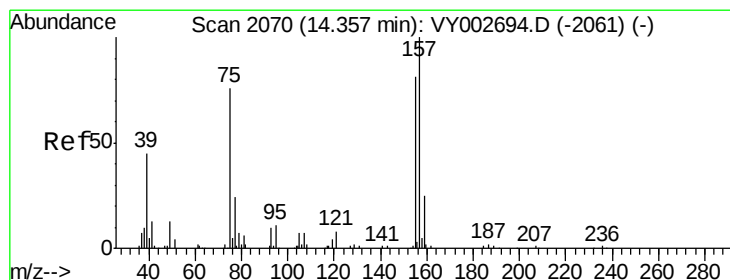
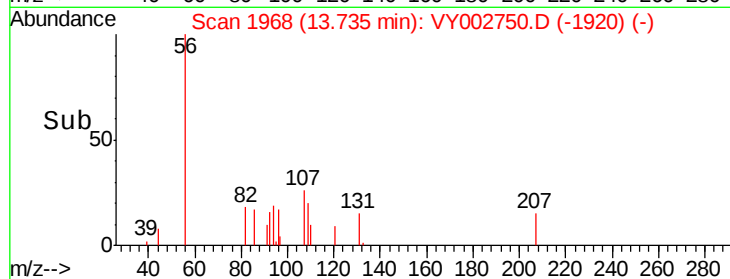
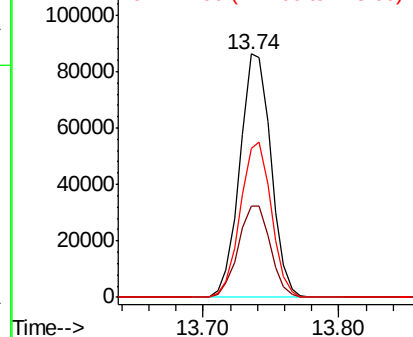
146 100

111 38.5 19.1 57.1

148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.068 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY002750.D

Acq: 22 May 2020 11:33

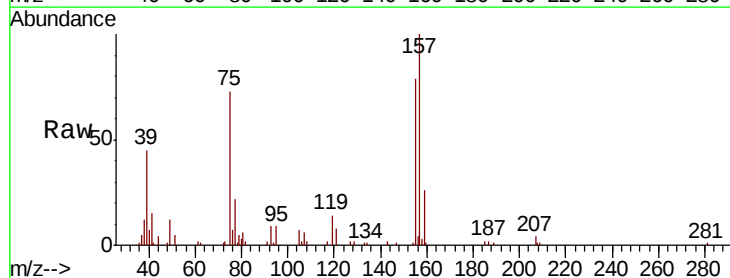
Tgt Ion: 75 Resp: 9862

Ion Ratio Lower Upper

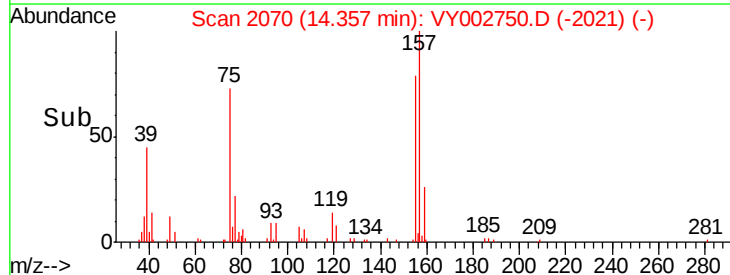
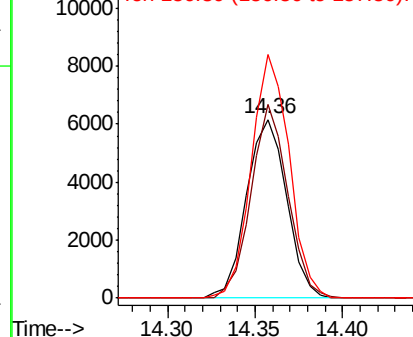
75 100

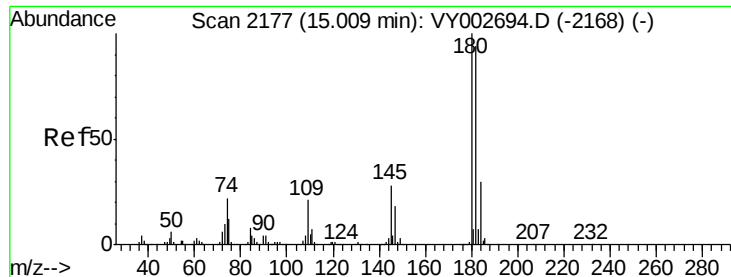
155 99.4 53.5 160.7

157 129.1 67.9 203.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

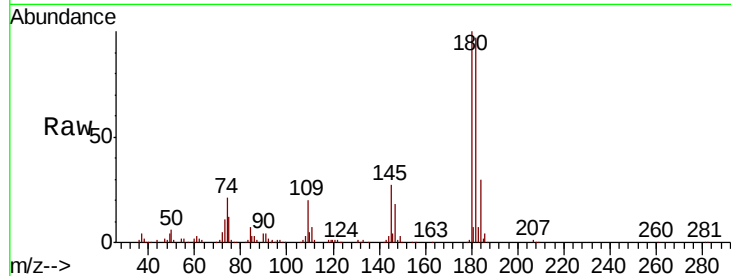




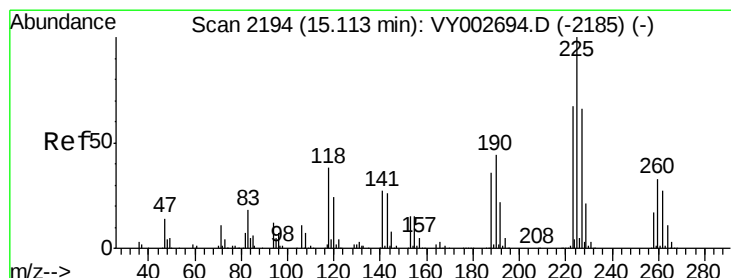
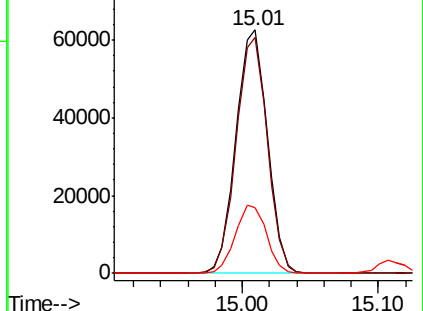
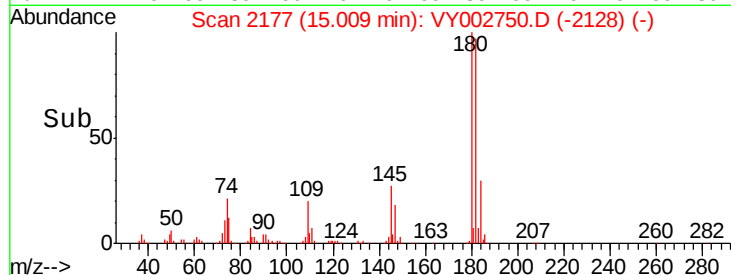
#93
 1,2,4-Trichlorobenzene
 Concen: 18.483 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	27.9	14.1	42.2

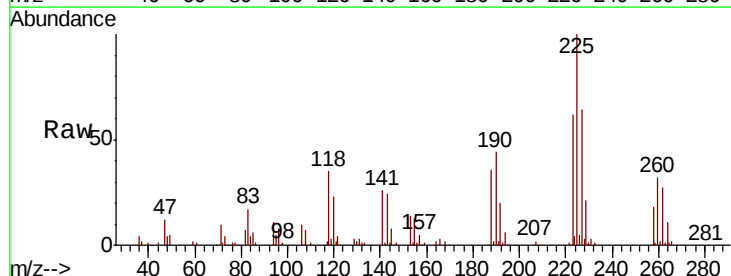


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

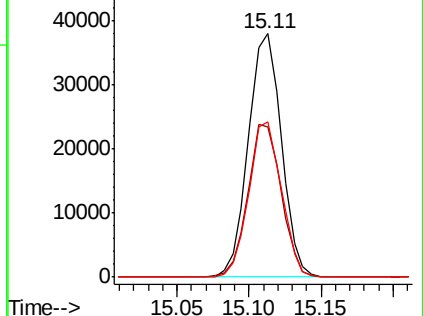
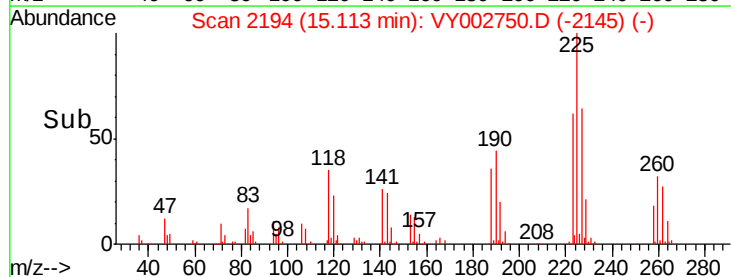


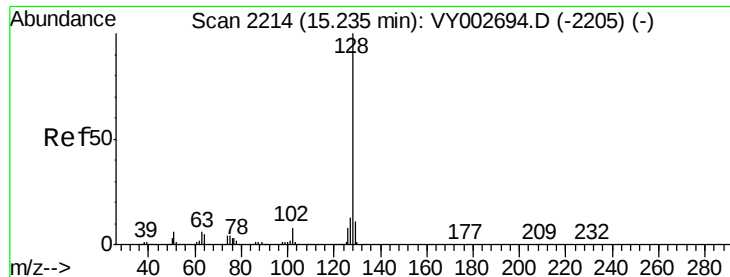
#94
 Hexachlorobutadiene
 Concen: 18.084 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002750.D
 Acq: 22 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	94.8
227	63.0	32.2	96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

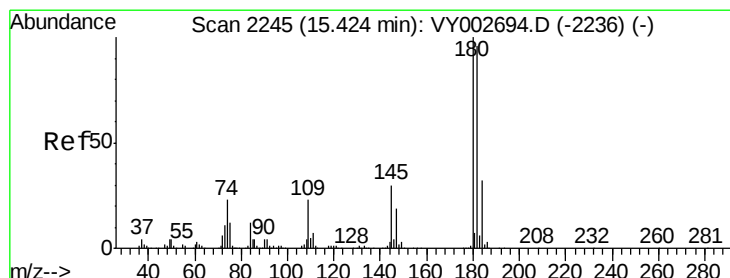
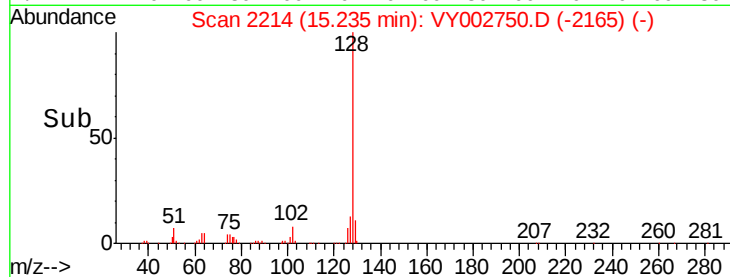
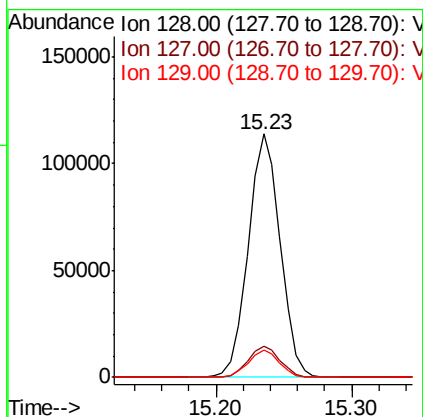
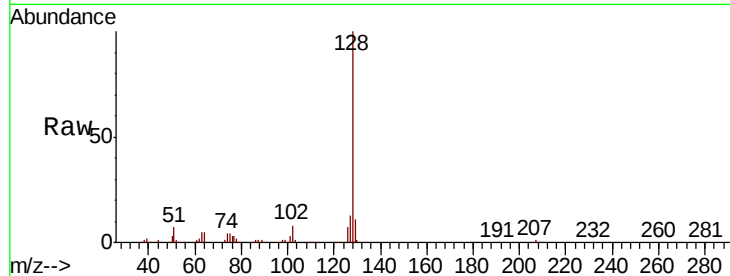




#95
Naphthalene
Concen: 19.859 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

Tot Ion:128 Resp: 187115
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.630 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002750.D
Acq: 22 May 2020 11:33

Tgt Ion:180 Resp: 87123
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 29.9 15.1 45.3

