

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002620.D
 Acq On : 07 May 2020 11:03
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 12:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	358857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	529144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	474520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	246739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155589	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.74	113	167327	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
50) Toluene-d8	10.19	98	654708	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
62) 4-Bromofluorobenzene	12.49	95	221471	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	45741	16.660	ug/l 99
3) Chloromethane	2.12	50	55588	19.120	ug/l 97
4) Vinyl Chloride	2.26	62	63820	19.010	ug/l 100
5) Bromomethane	2.65	94	44496	19.219	ug/l 95
6) Chloroethane	2.80	64	38419	19.166	ug/l 98
7) Trichlorofluoromethane	3.13	101	98215	18.876	ug/l 95
8) Diethyl Ether	3.54	74	34227	19.575	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	61834	19.445	ug/l 97
10) Methyl Iodide	4.11	142	77169	17.812	ug/l 100
11) Tert butyl alcohol	4.98	59	27880	89.810	ug/l 99
12) 1,1-Dichloroethene	3.89	96	59813	19.362	ug/l 98
13) Acrolein	3.74	56	16943	78.928	ug/l 96
14) Allyl chloride	4.50	41	90191	20.038	ug/l 97
15) Acrylonitrile	5.19	53	82390	99.920	ug/l 99
16) Acetone	3.96	43	56516	90.758	ug/l 98
17) Carbon Disulfide	4.21	76	164945	17.748	ug/l 100
18) Methyl Acetate	4.49	43	39817	19.137	ug/l 98
19) Methyl tert-butyl Ether	5.24	73	160305	19.890	ug/l 96
20) Methylene Chloride	4.74	84	69809	20.047	ug/l 100
21) trans-1,2-Dichloroethene	5.24	96	67478	19.985	ug/l 95
22) Diisopropyl ether	6.13	45	191106	20.984	ug/l 98
23) Vinyl Acetate	6.08	43	571468	99.775	ug/l 99
24) 1,1-Dichloroethane	6.04	63	110137	20.442	ug/l 99
25) 2-Butanone	7.00	43	96515	94.684	ug/l 100
26) 2,2-Dichloropropane	7.00	77	101910	19.899	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	75453	20.196	ug/l 99
28) Bromochloromethane	7.35	49	46094	20.881	ug/l 97
29) Tetrahydrofuran	7.36	42	67049	99.418	ug/l 99
30) Chloroform	7.53	83	113240	20.214	ug/l 98
31) Cyclohexane	7.80	56	103340	19.055	ug/l 97
32) 1,1,1-Trichloroethane	7.72	97	103908	19.955	ug/l 100
36) 1,1-Dichloropropene	7.93	75	88235	19.891	ug/l 99
37) Ethyl Acetate	7.09	43	45267	19.858	ug/l 99
38) Carbon Tetrachloride	7.91	117	96856	20.000	ug/l 99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	115288	19.677	ug/l	98
40) Benzene	8.18	78	258118	20.147	ug/l	100
41) Methacrylonitrile	7.36	41	61849	50.464	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	68790	19.142	ug/l	99
43) Isopropyl Acetate	8.28	43	85658	20.045	ug/l	100
44) Trichloroethene	8.95	130	83099	20.755	ug/l	99
45) 1,2-Dichloropropane	9.22	63	63763	20.622	ug/l	98
46) Dibromomethane	9.32	93	35127	19.745	ug/l	99
47) Bromodichloromethane	9.51	83	87319	20.186	ug/l	97
48) Methyl methacrylate	9.30	41	38634	19.976	ug/l	99
49) 1,4-Dioxane	9.30	88	9427	400.211	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	227165	103.132	ug/l	100
52) Toluene	10.25	92	167856	20.386	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	91528	20.194	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	106981	20.418	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	54035	20.828	ug/l	99
56) Ethyl methacrylate	10.52	69	69724	20.202	ug/l	98
57) 1,3-Dichloropropane	10.80	76	88414	20.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	194745	107.000	ug/l	98
59) 2-Hexanone	10.84	43	154452	101.880	ug/l	100
60) Dibromochloromethane	10.99	129	66480	20.148	ug/l	100
61) 1,2-Dibromoethane	11.10	107	50589	19.693	ug/l	99
64) Tetrachloroethene	10.73	164	93134	22.090	ug/l	99
65) Chlorobenzene	11.52	112	186170	20.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	70086	20.931	ug/l	99
67) Ethyl Benzene	11.60	91	327881	20.693	ug/l	100
68) m/p-Xylenes	11.71	106	254762	41.554	ug/l	100
69) o-Xylene	12.03	106	120024	20.908	ug/l	99
70) Styrene	12.05	104	206451	21.037	ug/l	99
71) Bromoform	12.22	173	42970	20.676	ug/l #	99
73) Isopropylbenzene	12.34	105	330465	20.666	ug/l	99
74) N-amyl acetate	12.15	43	78245	20.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	48732	19.162	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	78448	35.777	ug/l #	100
77) Bromobenzene	12.61	156	81856	20.489	ug/l	99
78) n-propylbenzene	12.68	91	386948	20.852	ug/l	100
79) 2-Chlorotoluene	12.77	91	212126	20.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	275528	20.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21635	19.785	ug/l	94
82) 4-Chlorotoluene	12.86	91	224006	20.746	ug/l	99
83) tert-Butylbenzene	13.08	119	241627	20.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	274759	20.799	ug/l	99
85) sec-Butylbenzene	13.26	105	342389	21.230	ug/l	100
86) p-Isopropyltoluene	13.38	119	317370	21.002	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	158639	20.980	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	157134	20.986	ug/l	99
89) n-Butylbenzene	13.70	91	291831	21.214	ug/l	100
90) Hexachloroethane	13.97	117	58042	21.091	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	141102	20.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9079	19.151	ug/l	97

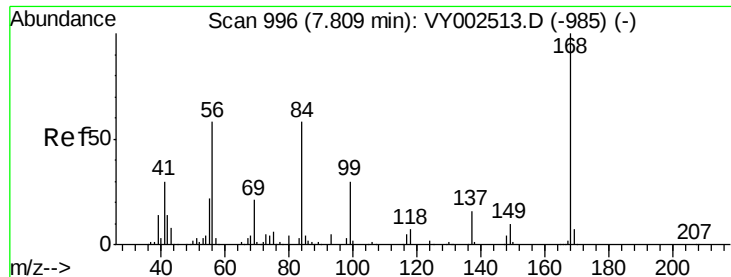
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104776	21.389	ug/l	99
94) Hexachlorobutadiene	15.13	225	64045	21.781	ug/l	98
95) Naphthalene	15.25	128	180113	20.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	86057	20.694	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

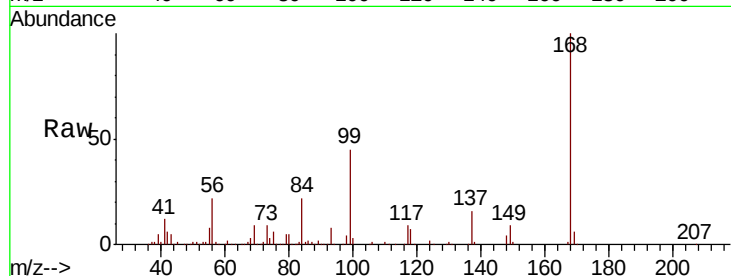
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 358857

Ion Ratio Lower Upper

168 100

99 45.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002620.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002620.D (-947) (-)

7.81

150000

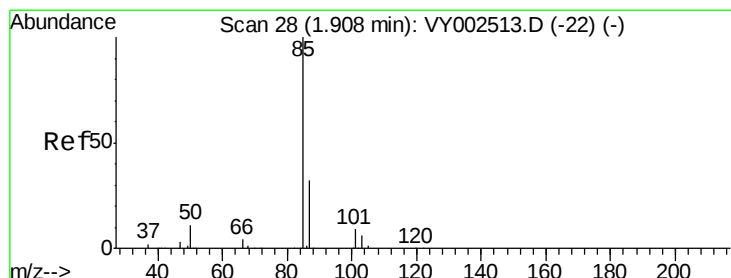
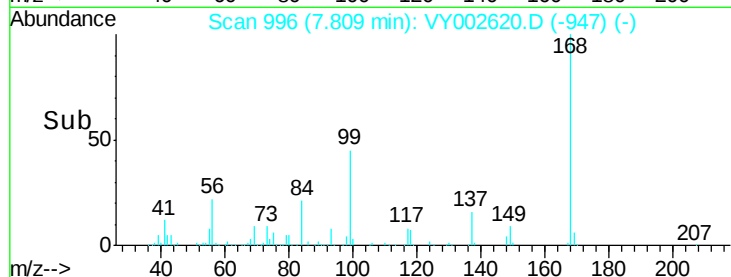
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.660 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002620.D

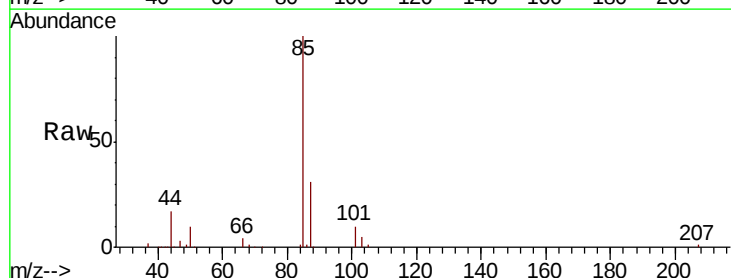
Acq: 07 May 2020 11:03

Tgt Ion: 85 Resp: 45741

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002620.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002620.D (-1) (-)

1.91

30000

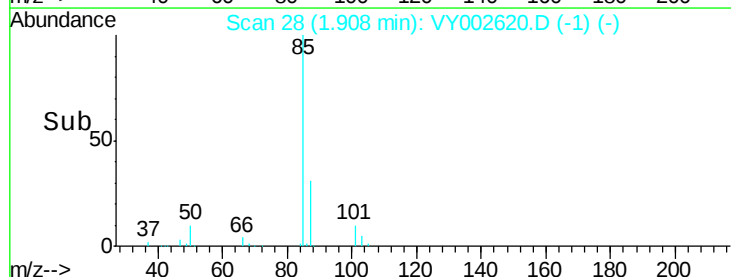
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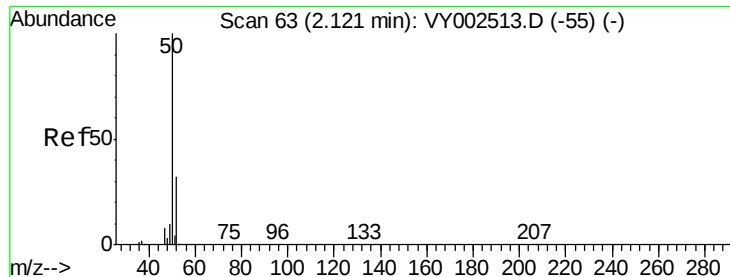
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.120 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

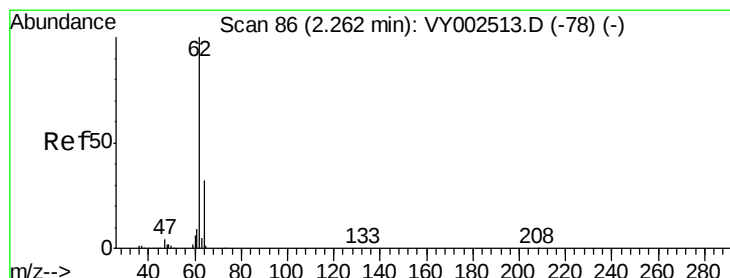
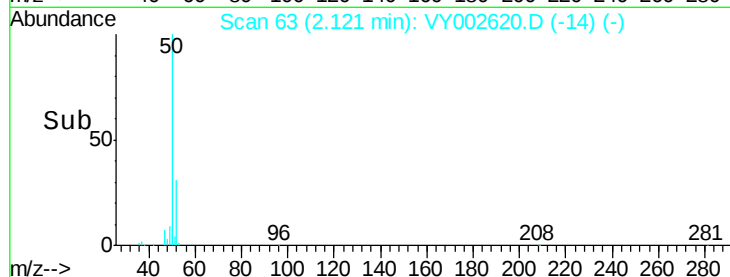
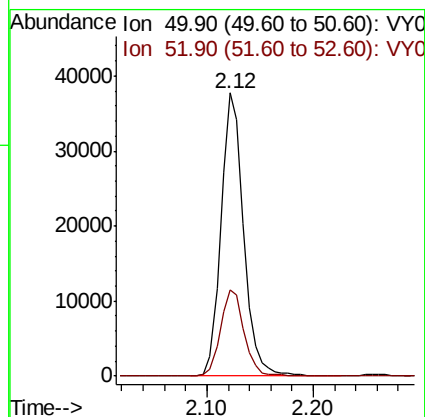
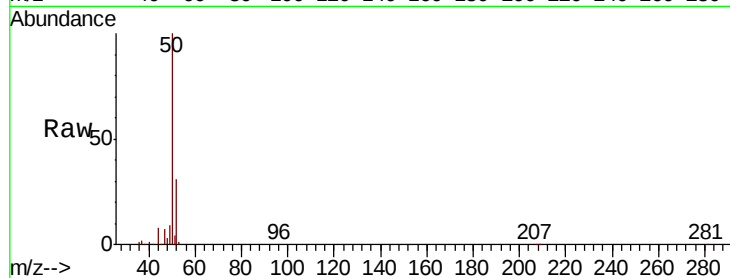
ClientSampleId :

Tot Ion: 50 Resp: 55588

Ion Ratio Lower Upper

50 100

52 30.5 25.9 38.9



#4

Vinyl Chloride

Concen: 19.010 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002620.D

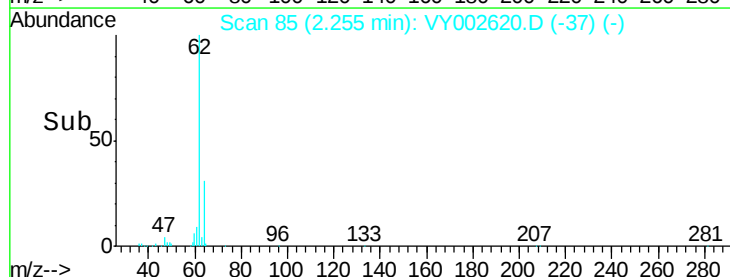
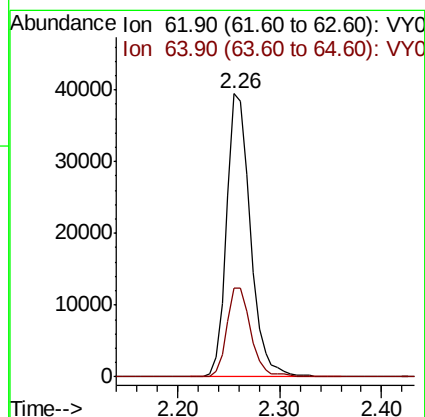
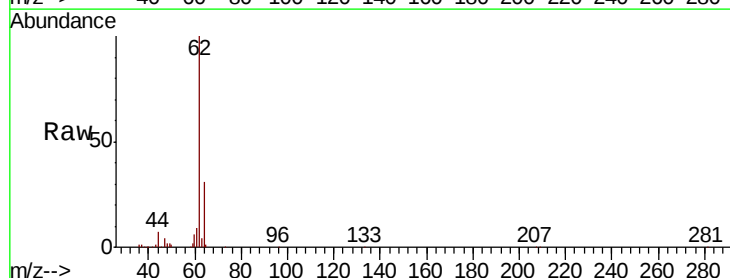
Acq: 07 May 2020 11:03

Tgt Ion: 62 Resp: 63820

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 19.219 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

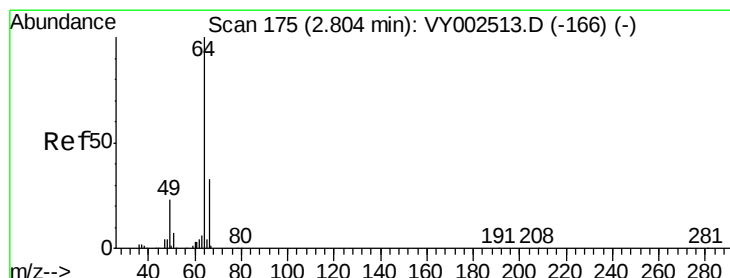
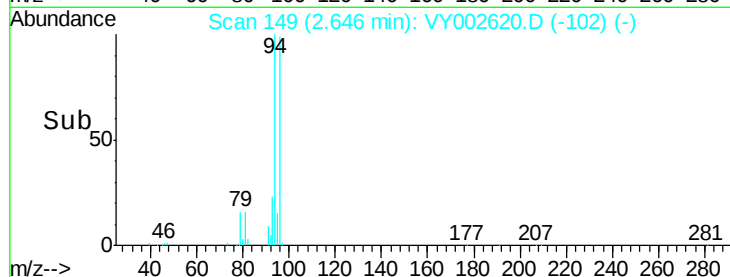
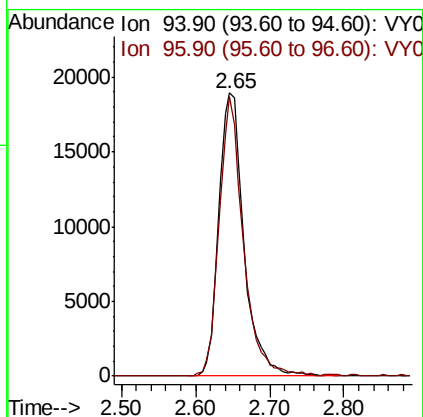
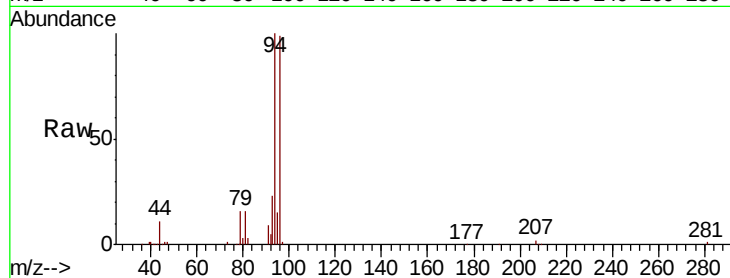
ClientSampleId :

Tot Ion: 94 Resp: 44496

Ion Ratio Lower Upper

94 100

96 98.3 74.9 112.3



#6

Chloroethane

Concen: 19.166 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002620.D

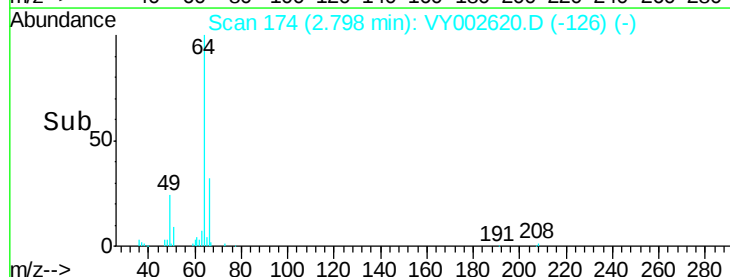
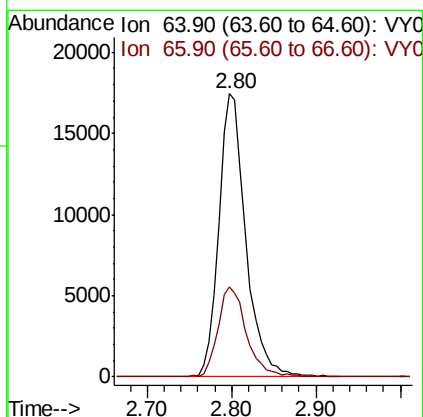
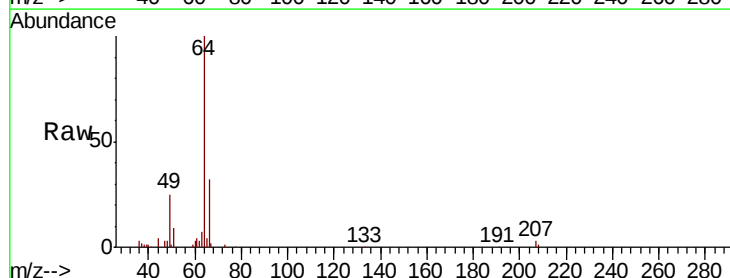
Acq: 07 May 2020 11:03

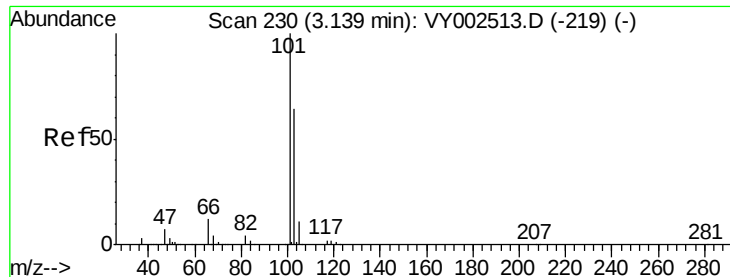
Tgt Ion: 64 Resp: 38419

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5



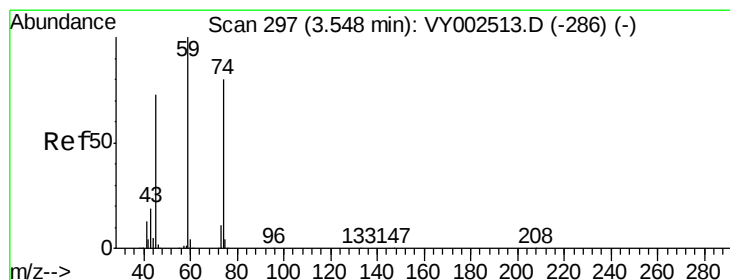
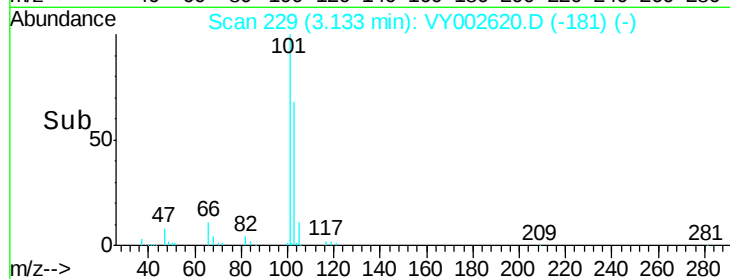
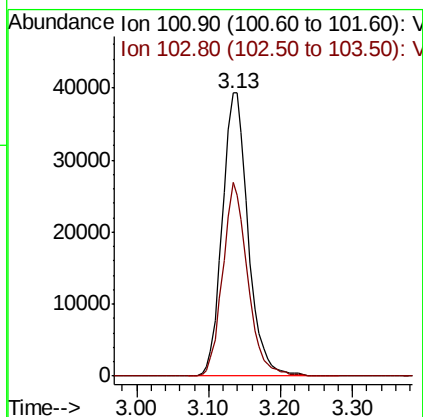
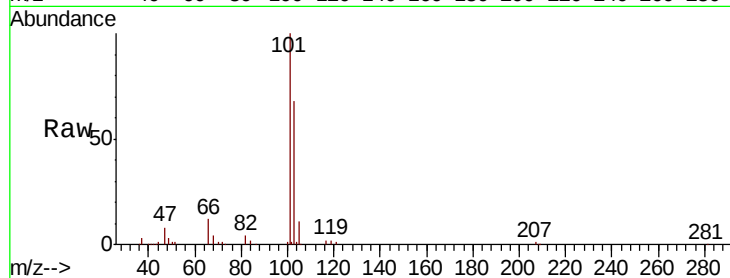


#7

Trichlorofluoromethane
 Concen: 18.876 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :

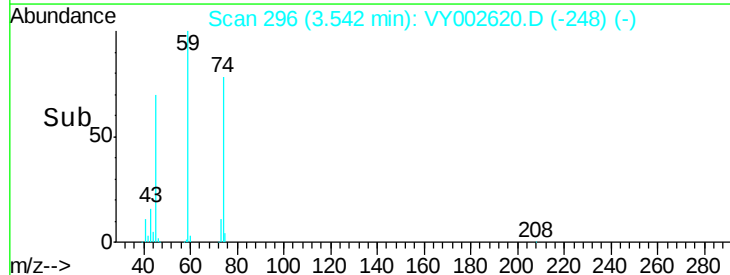
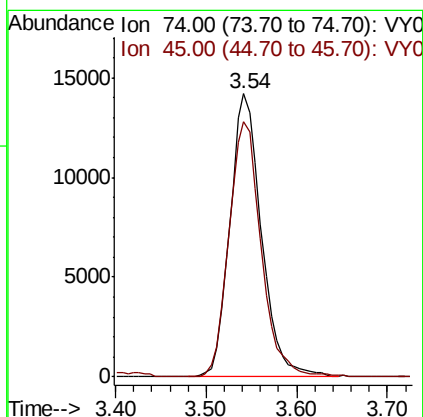
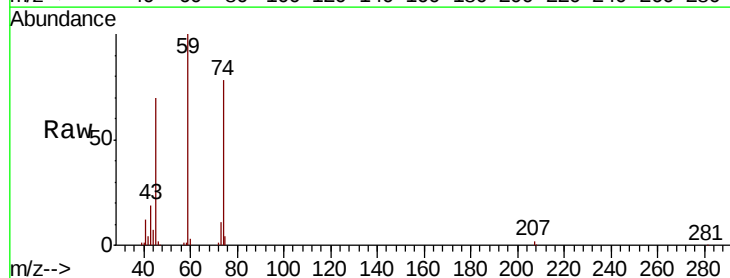
Tot Ion:101 Resp: 98215
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.4 77.0

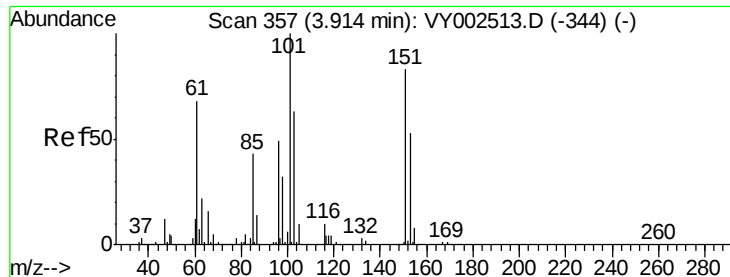


#8

Diethyl Ether
 Concen: 19.575 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 74 Resp: 34227
 Ion Ratio Lower Upper
 74 100
 45 92.2 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.445 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

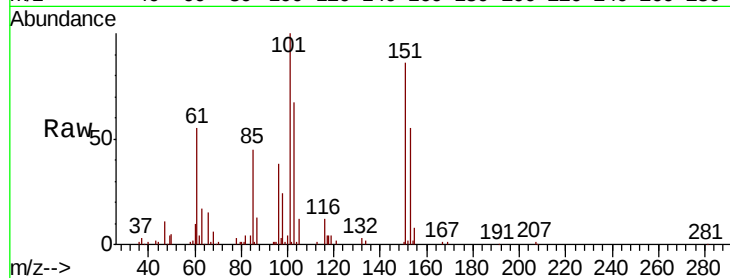
Tot Ion:101 Resp: 61834

Ion Ratio Lower Upper

101 100

85 44.2 33.4 50.2

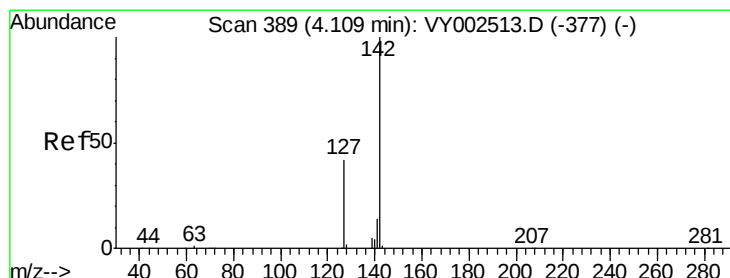
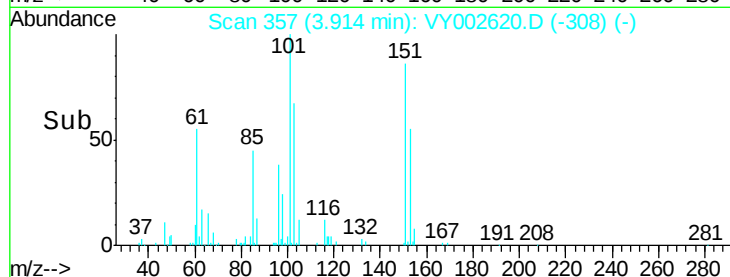
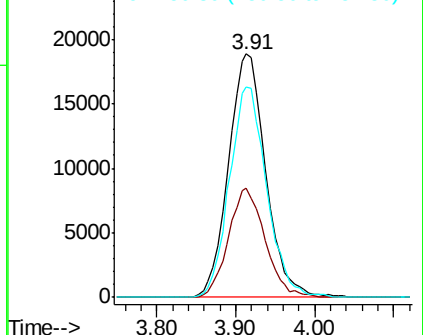
151 86.5 66.8 100.2



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: 17.812 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

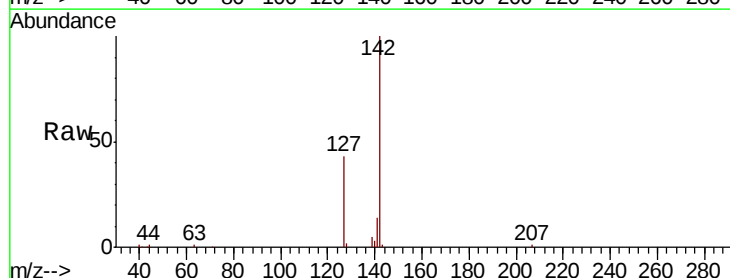
Tgt Ion:142 Resp: 77169

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

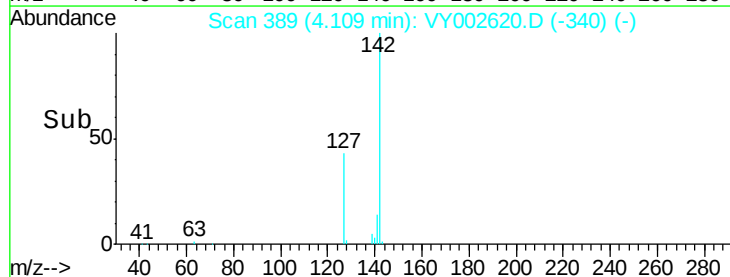
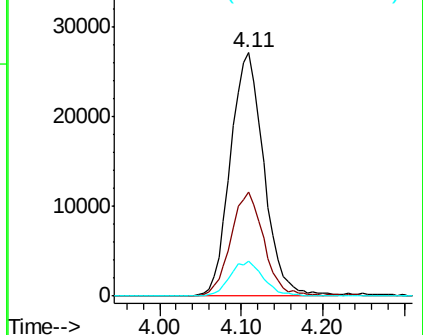
141 14.2 11.4 17.0

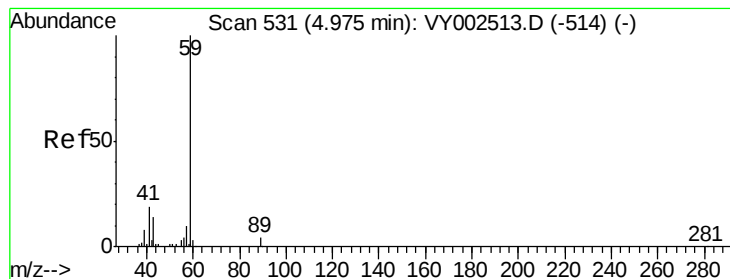


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.810 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

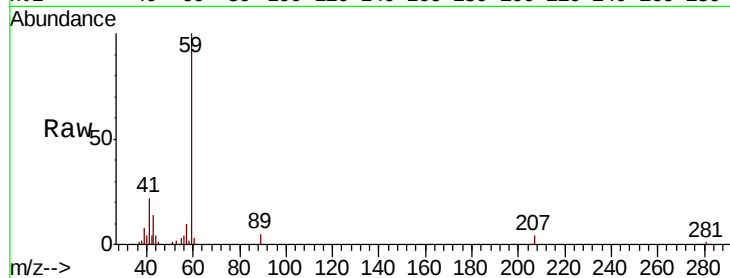
ClientSampleId :

Tot Ion: 59 Resp: 27880

Ion Ratio Lower Upper

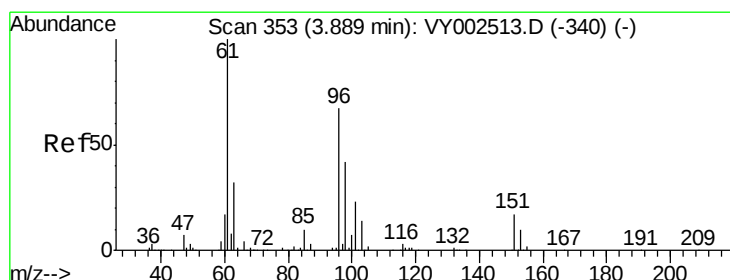
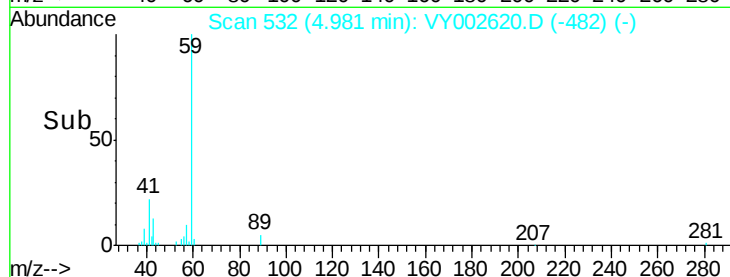
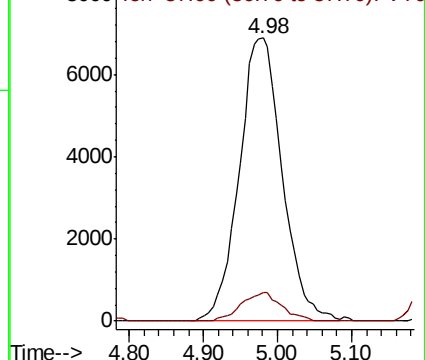
59 100

57 9.4 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 19.362 ug/l

RT: 3.89 min Scan# 353

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

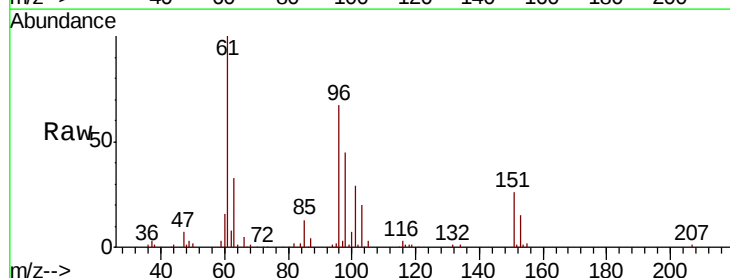
Tgt Ion: 96 Resp: 59813

Ion Ratio Lower Upper

96 100

61 148.2 118.8 178.2

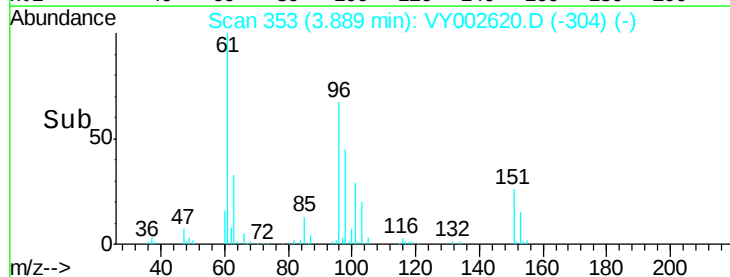
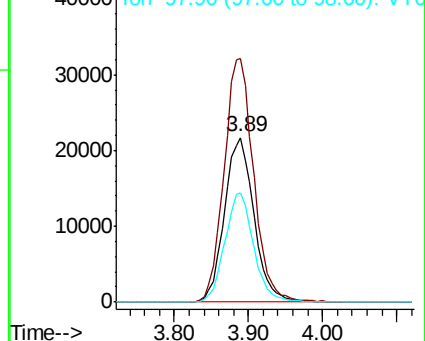
98 66.8 49.6 74.4

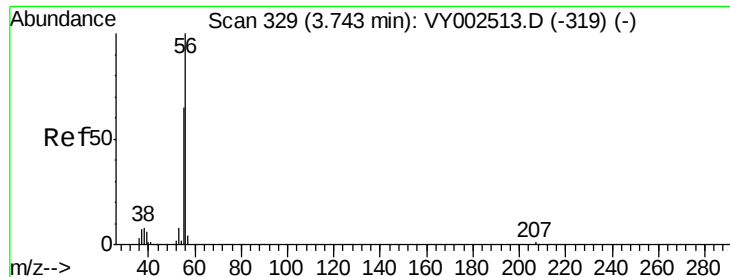


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 78.928 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

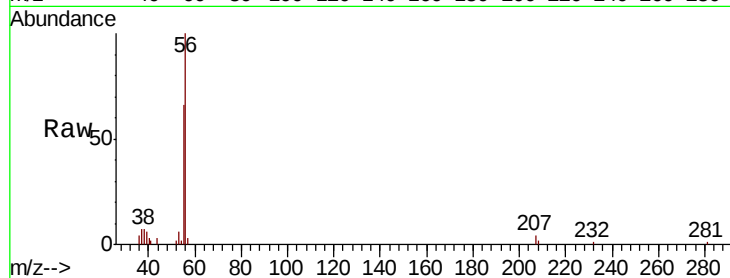
ClientSampleId :

Tot Ion: 56 Resp: 16943

Ion Ratio Lower Upper

56 100

55 70.7 53.8 80.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

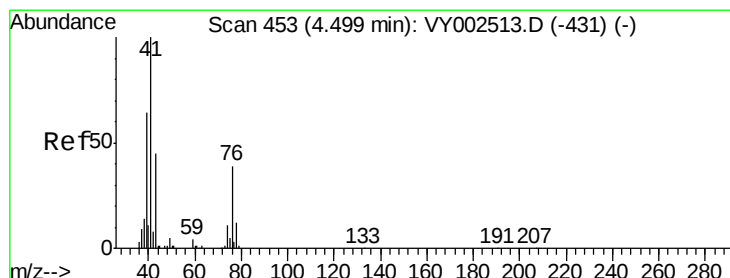
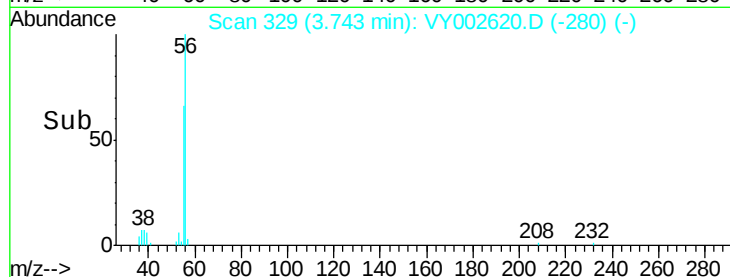
4000

2000

0

3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 20.038 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

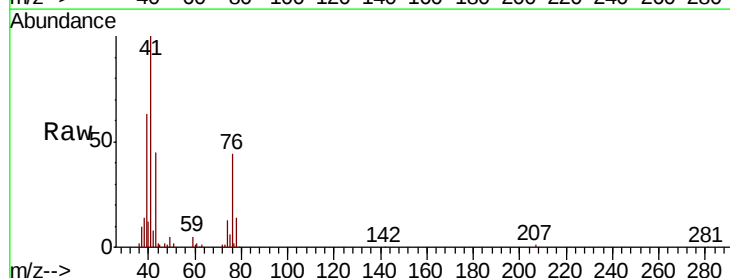
Tgt Ion: 41 Resp: 90191

Ion Ratio Lower Upper

41 100

39 62.1 51.8 77.6

76 40.6 31.7 47.5



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

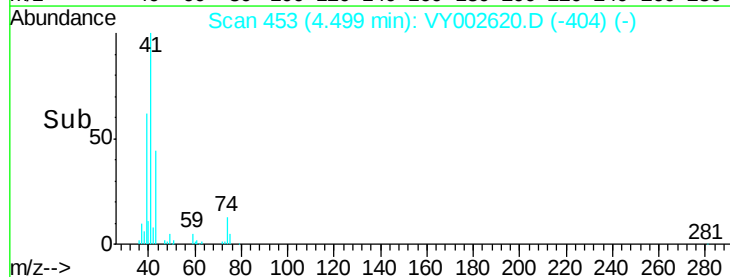
20000

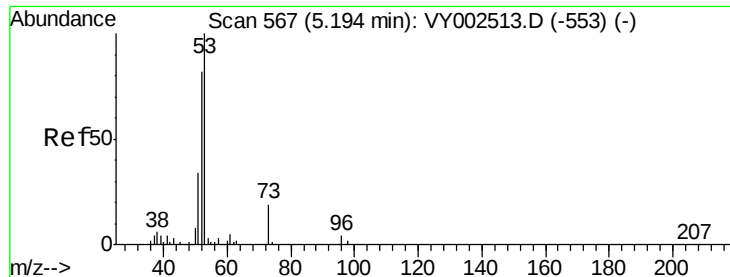
10000

0

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 99.920 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

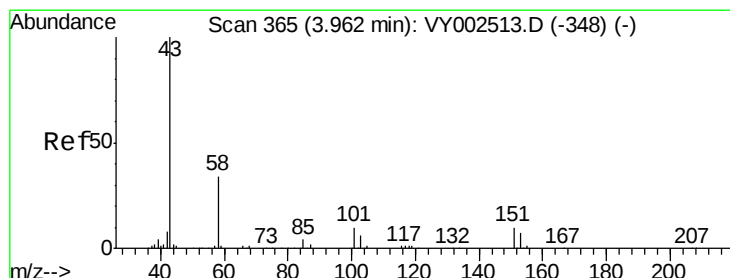
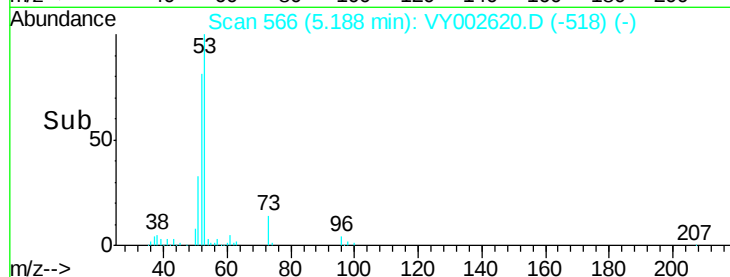
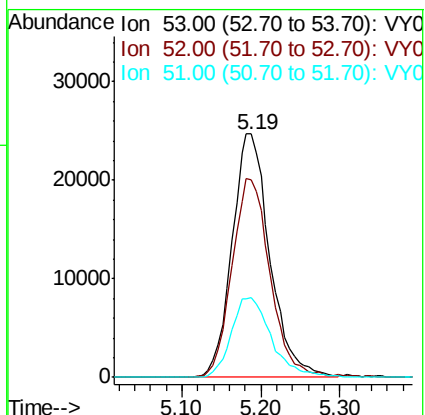
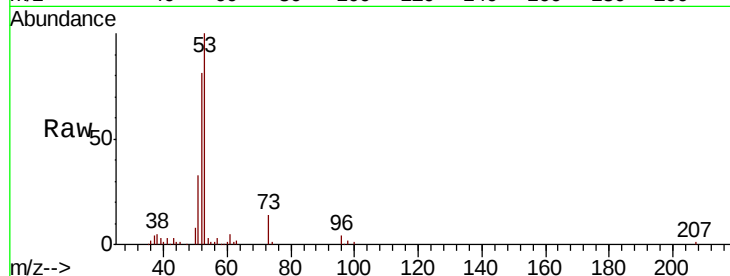
Tot Ion: 53 Resp: 82390

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

51 34.6 28.7 43.1



#16

Acetone

Concen: 90.758 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002620.D

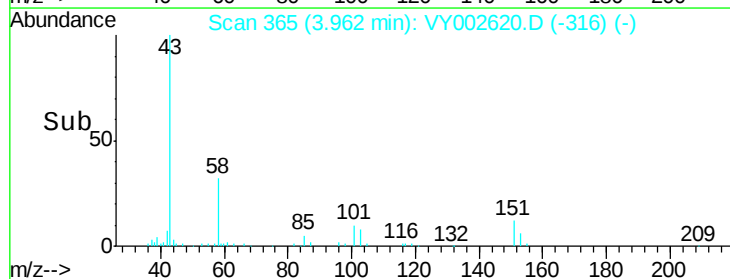
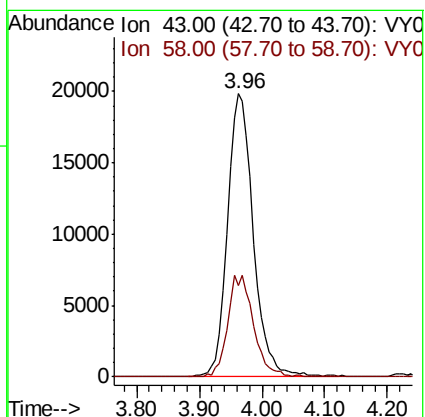
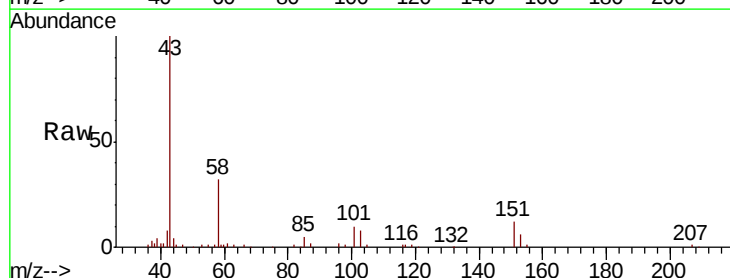
Acq: 07 May 2020 11:03

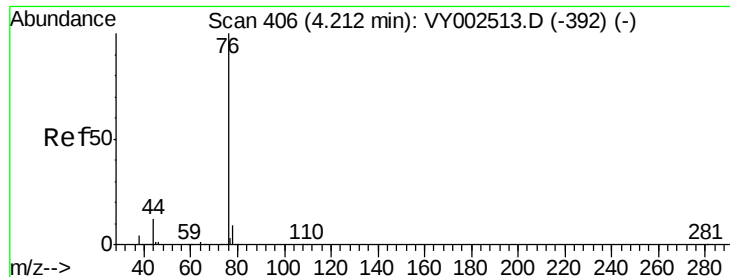
Tgt Ion: 43 Resp: 56516

Ion Ratio Lower Upper

43 100

58 32.3 26.9 40.3

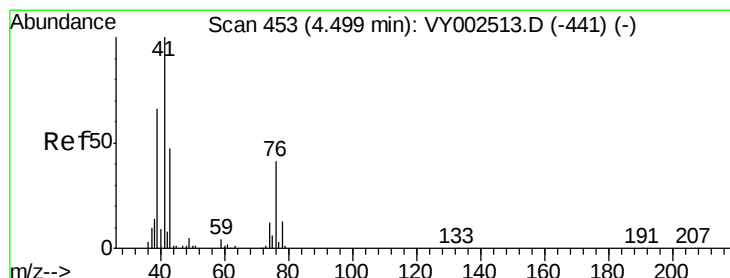
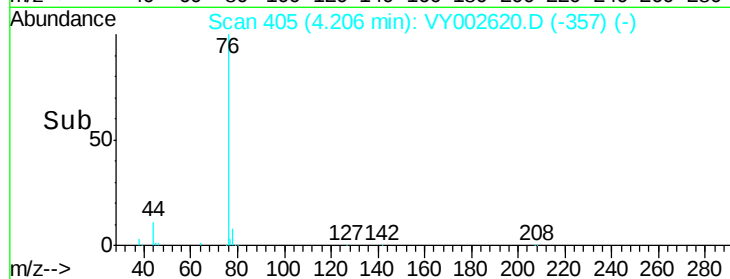
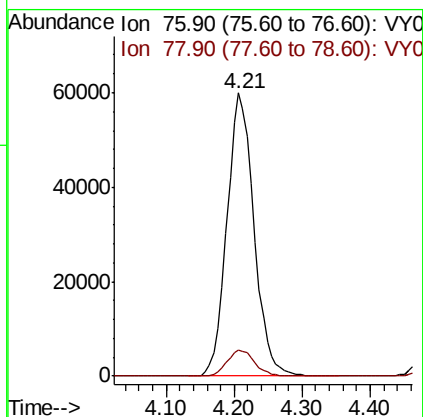
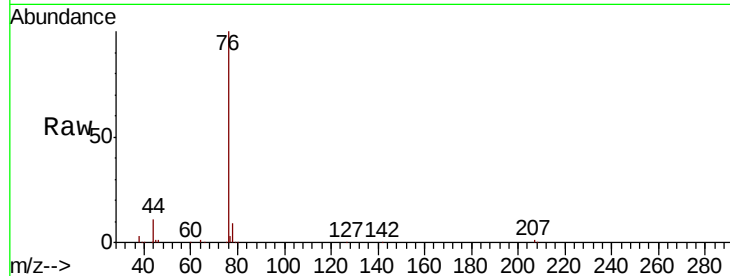




#17
Carbon Disulfide
Concen: 17.748 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

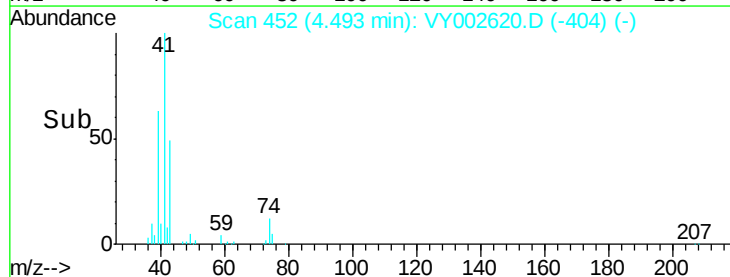
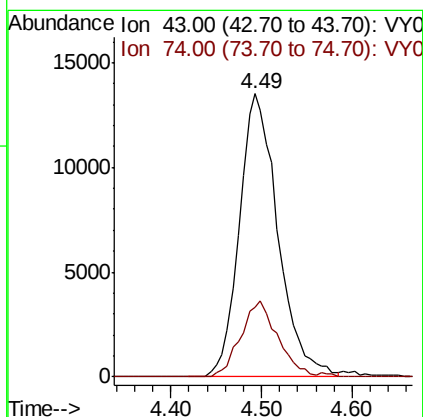
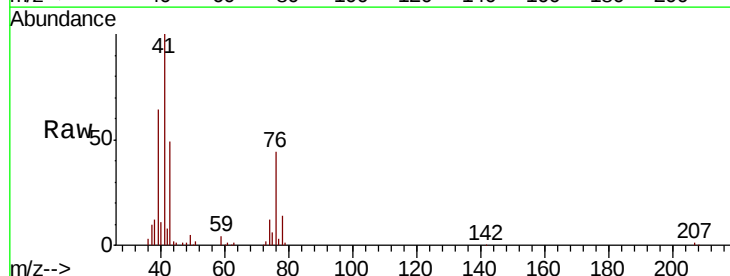
Instrument :
MSVOA_Y
ClientSampleId :

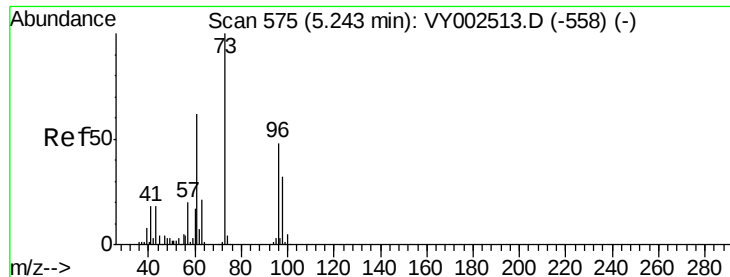
Tot Ion: 76 Resp: 164945
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 19.137 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 39817
Ion Ratio Lower Upper
43 100
74 25.6 21.2 31.8

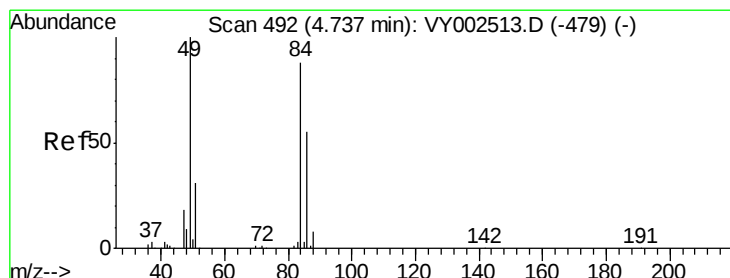
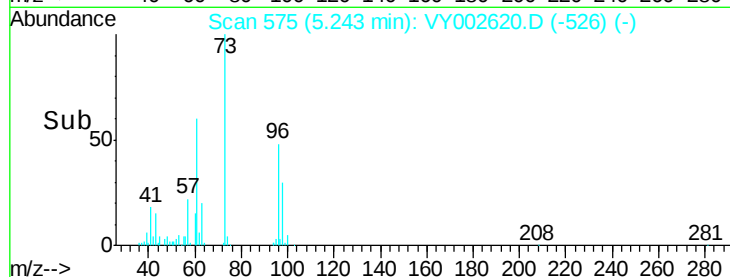
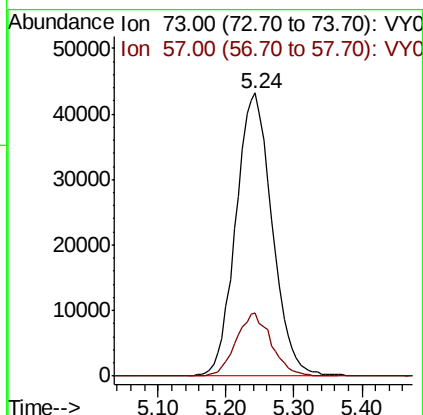
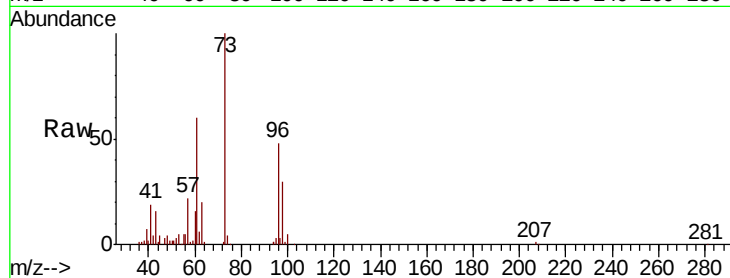




#19
Methvl tert-butvl Ether
Concen: 19.890 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

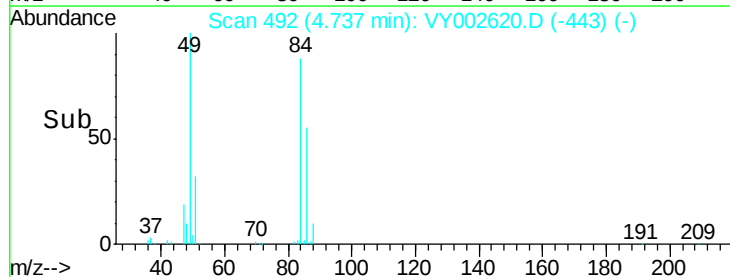
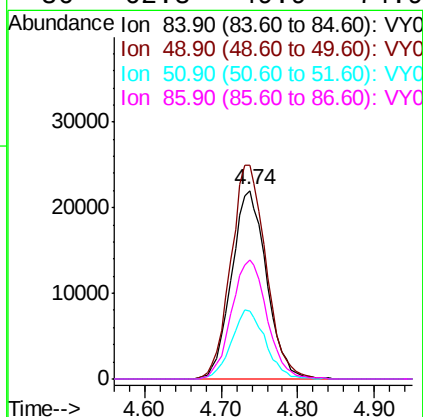
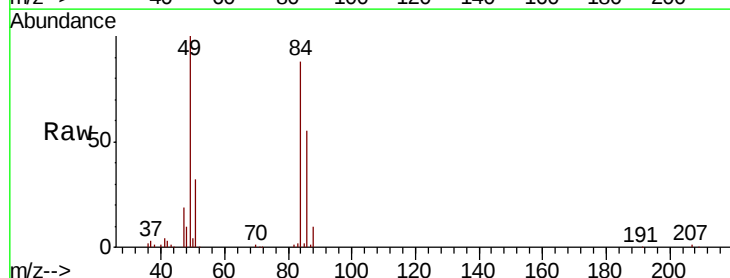
Instrument :
MSVOA_Y
ClientSampleId :

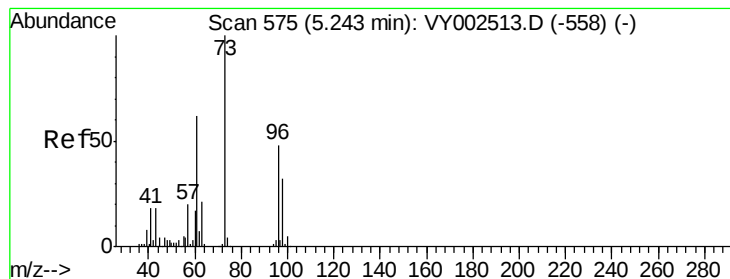
Tot Ion: 73 Resp: 160305
Ion Ratio Lower Upper
73 100
57 22.4 16.3 24.5



#20
Methylene Chloride
Concen: 20.047 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 84 Resp: 69809
Ion Ratio Lower Upper
84 100
49 113.2 90.5 135.7
51 35.9 28.3 42.5
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.985 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

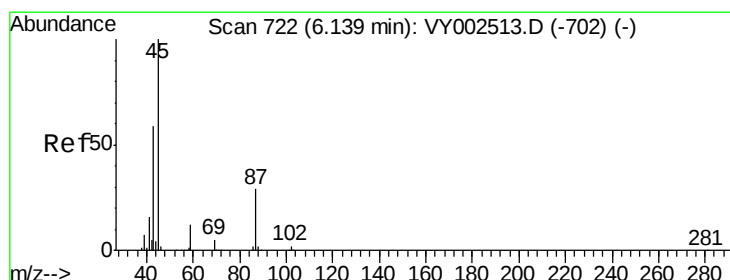
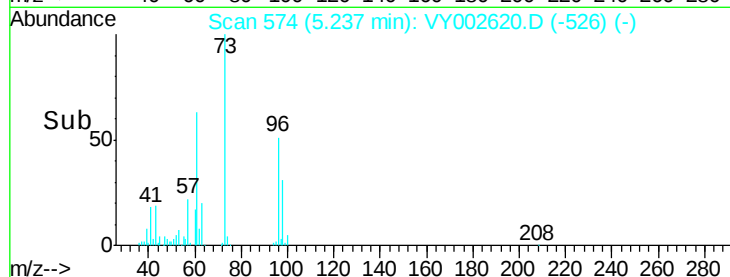
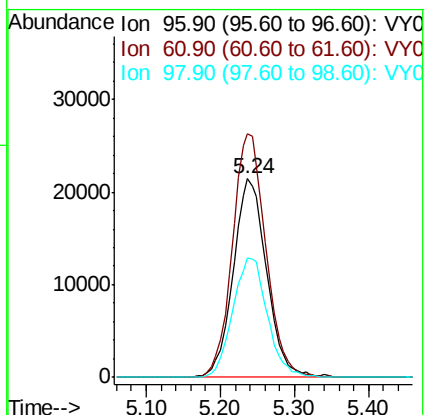
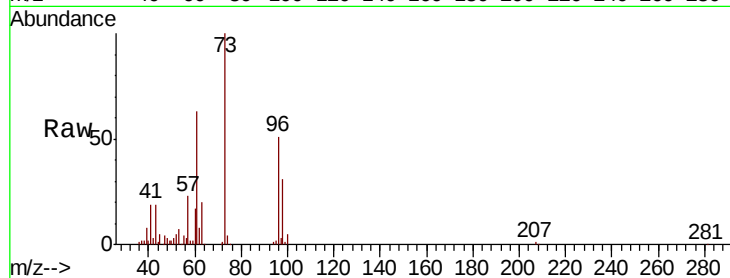
Tot Ion: 96 Resp: 67478

Ion Ratio Lower Upper

96 100

61 122.8 102.0 153.0

98 60.1 53.0 79.4



#22

Diisopropyl ether

Concen: 20.984 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 45 Resp: 191106

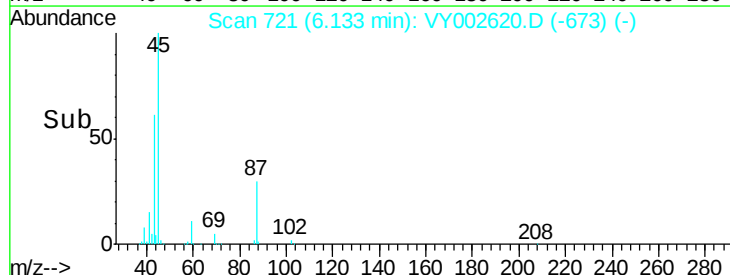
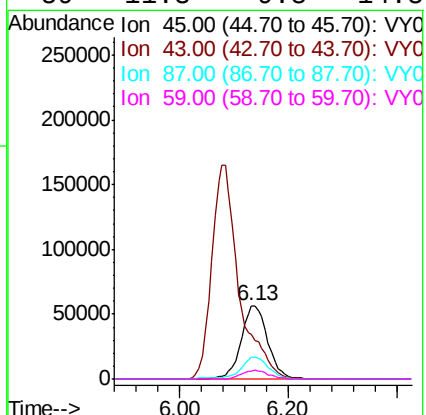
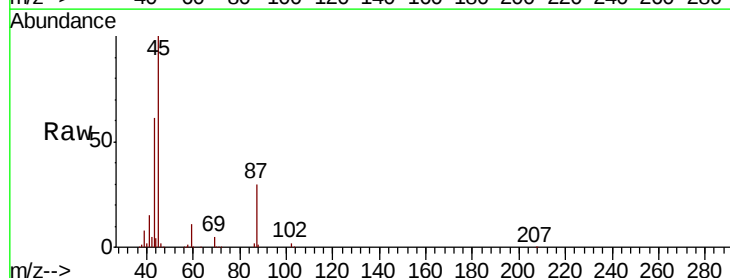
Ion Ratio Lower Upper

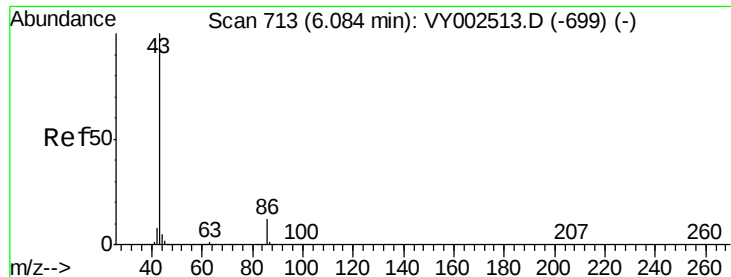
45 100

43 60.8 47.4 71.0

87 30.0 24.0 36.0

59 11.3 9.8 14.8





#23

Vinyl Acetate

Concen: 99.775 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

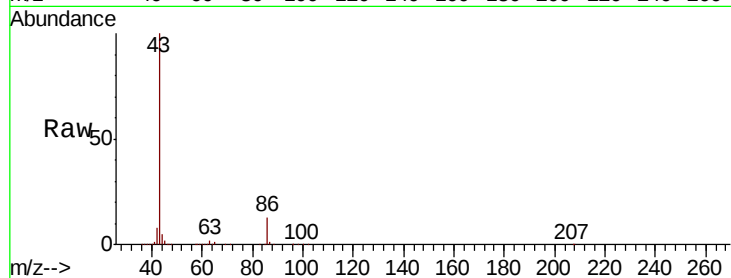
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 571468

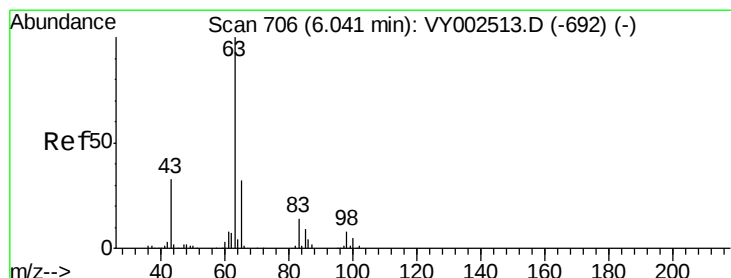
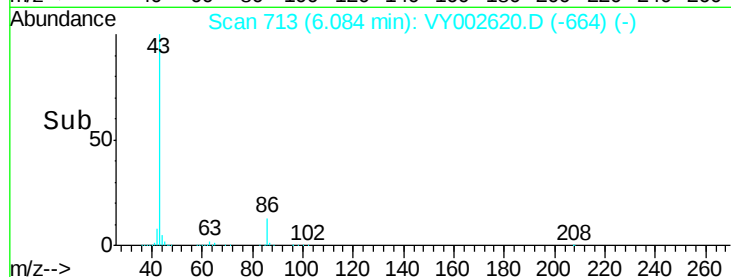
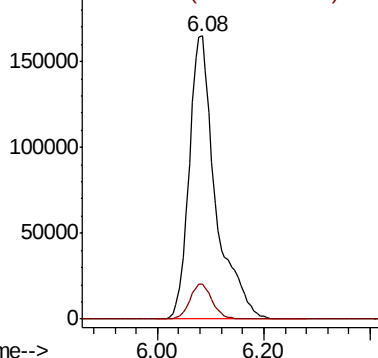
Ion Ratio Lower Upper

43 100

86 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.442 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

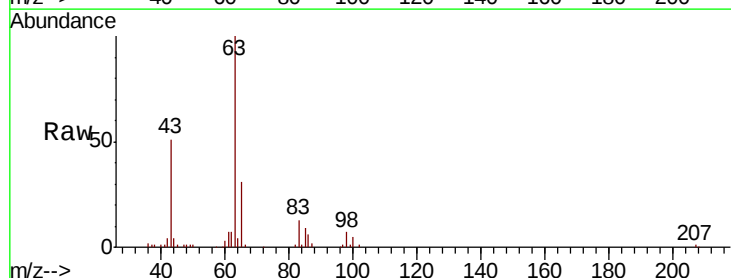
Tgt Ion: 63 Resp: 110137

Ion Ratio Lower Upper

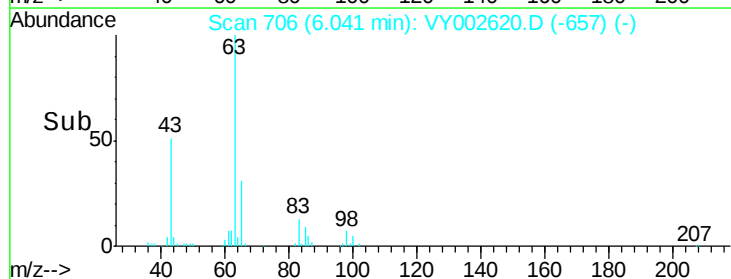
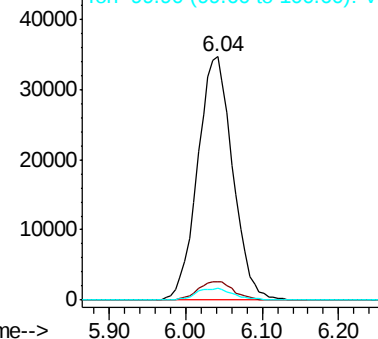
63 100

98 7.3 3.9 11.7

100 5.0 2.4 7.2



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: 94.684 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

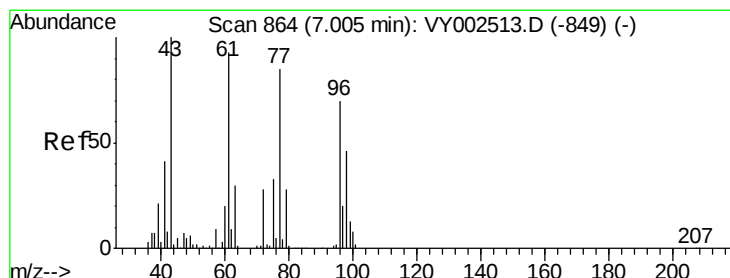
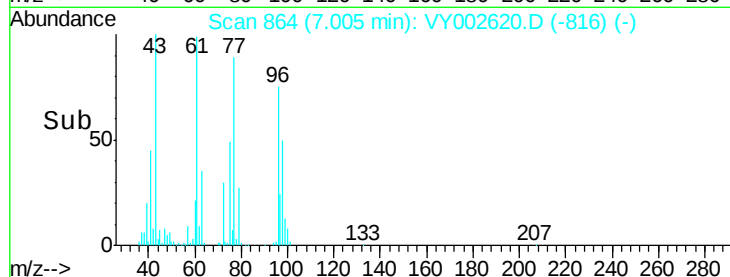
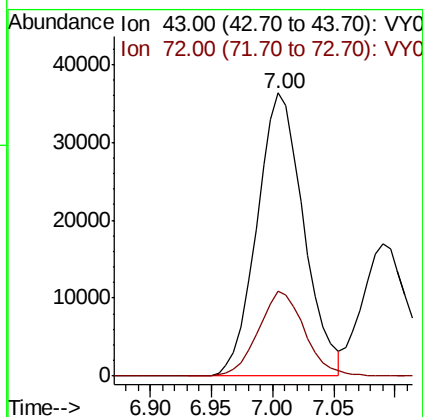
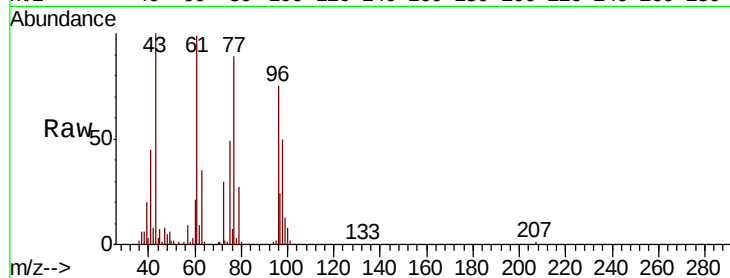
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 96515

Ion Ratio Lower Upper

43 100

72 30.2 24.1 36.1



#26

2,2-Dichloropropane

Concen: 19.899 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002620.D

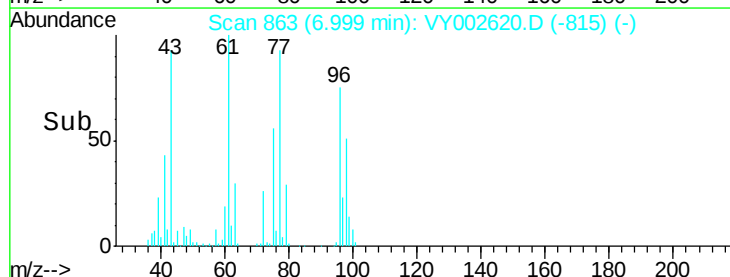
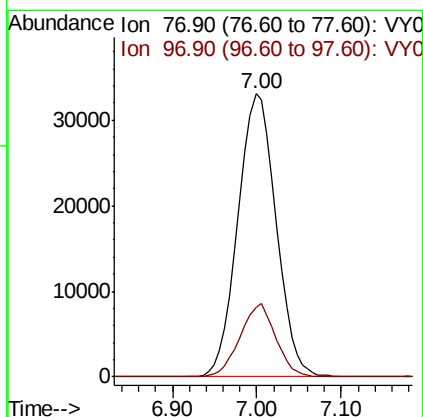
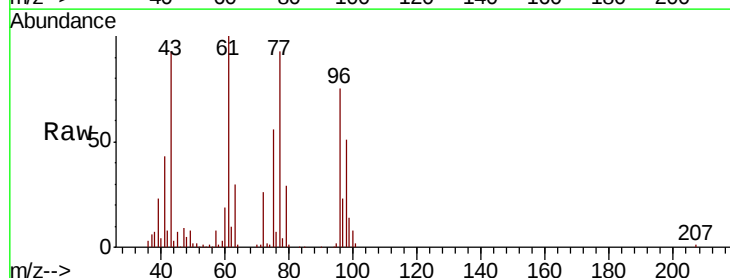
Acq: 07 May 2020 11:03

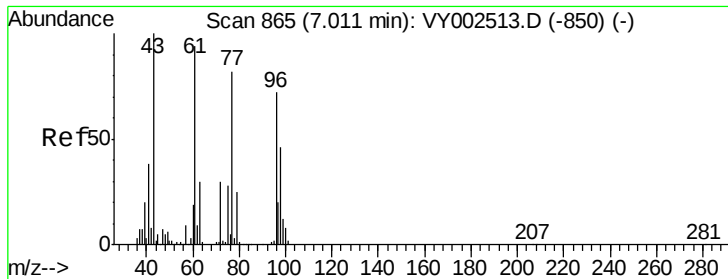
Tgt Ion: 77 Resp: 101910

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5



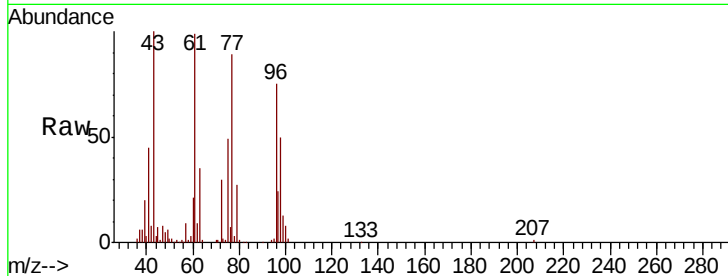


#27

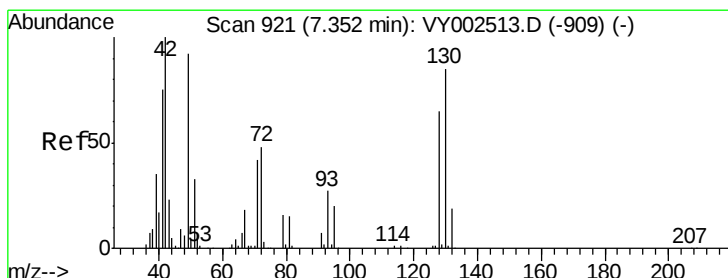
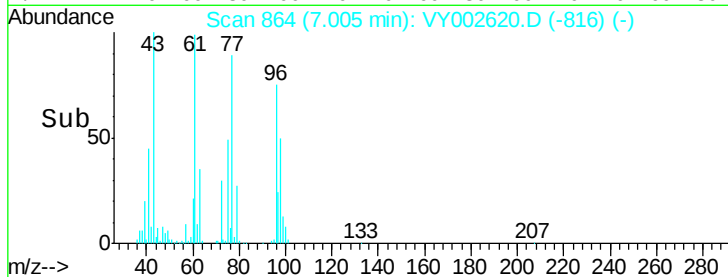
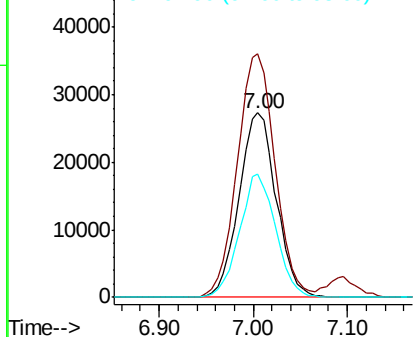
cis-1,2-Dichloroethene
Concen: 20.196 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 75453
Ion Ratio Lower Upper
96 100
61 134.2 0.0 266.6
98 64.8 0.0 129.2



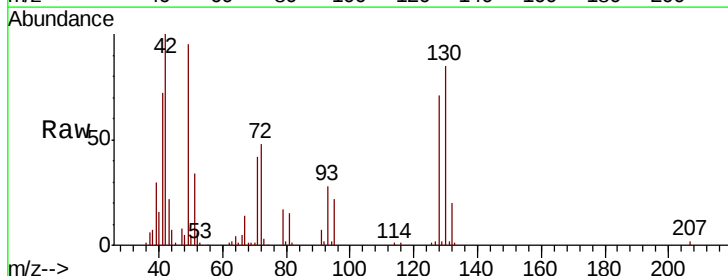
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



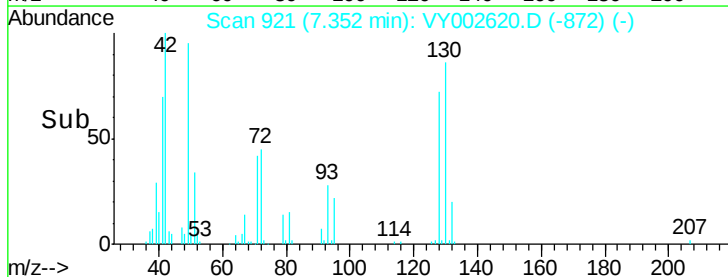
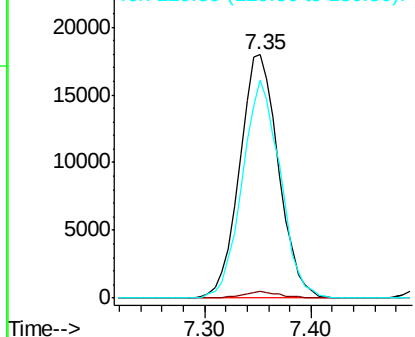
#28

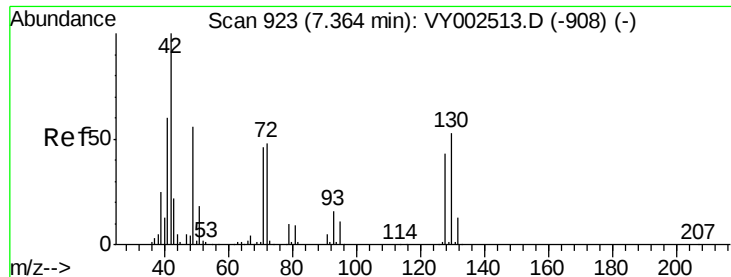
Bromochloromethane
Concen: 20.881 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 49 Resp: 46094
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 87.3 72.5 108.7



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

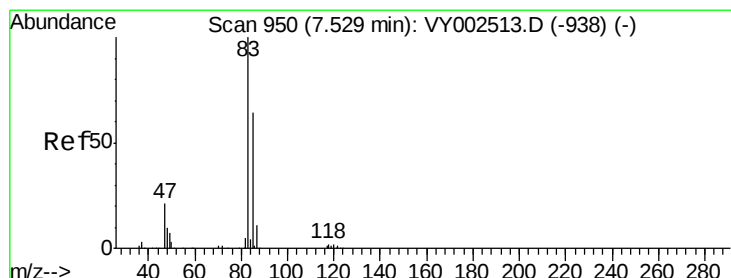
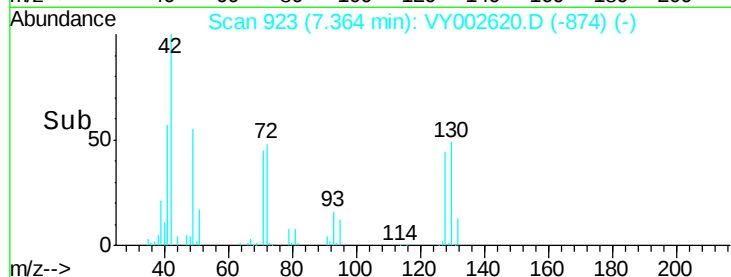
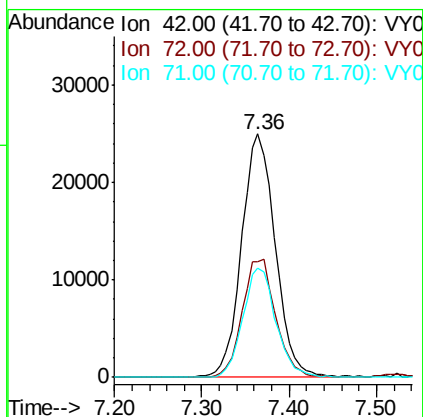
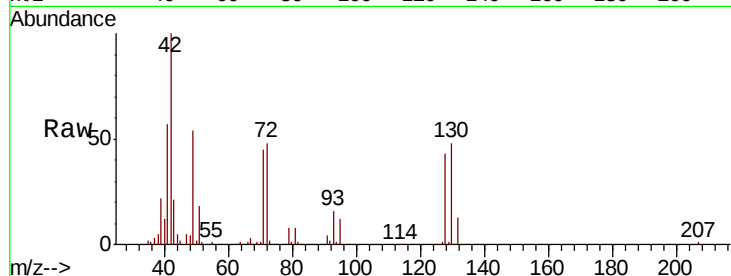




#29
Tetrahydrofuran
Concen: 99.418 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

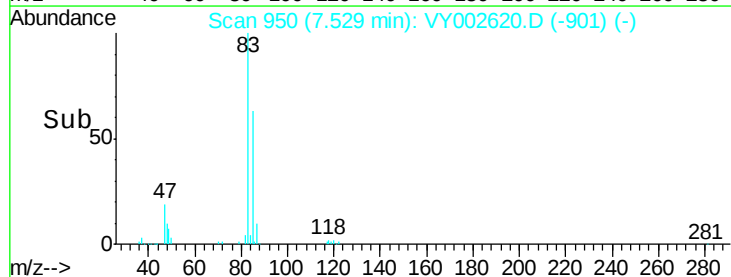
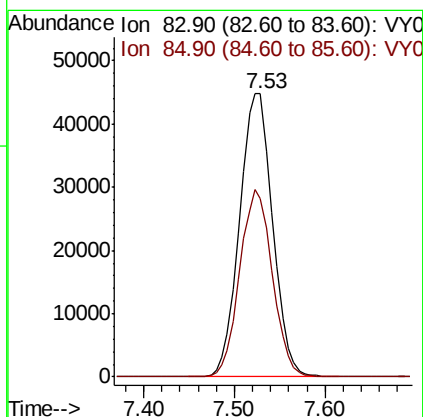
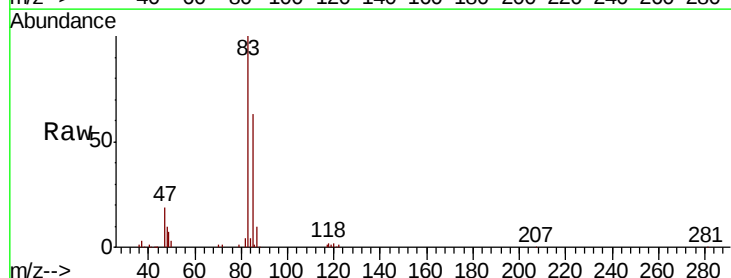
Instrument :
MSVOA_Y
ClientSampleId :

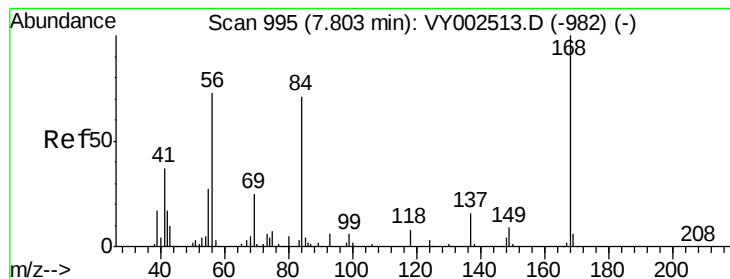
Tot Ion: 42 Resp: 67049
Ion Ratio Lower Upper
42 100
72 48.1 37.4 56.2
71 44.1 35.0 52.4



#30
Chloroform
Concen: 20.214 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 83 Resp: 113240
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3





#31

Cyclohexane

Concen: 19.055 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

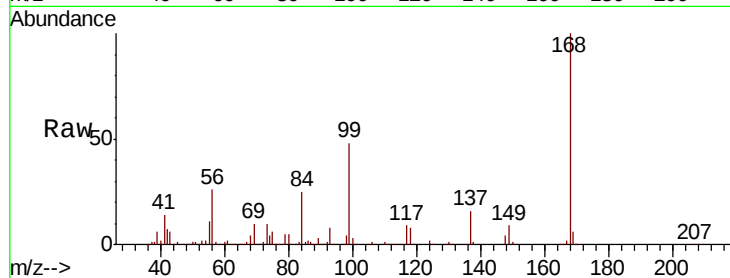
Tot Ion: 56 Resp: 103340

Ion Ratio Lower Upper

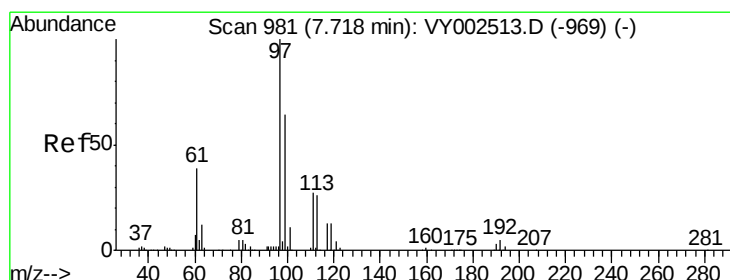
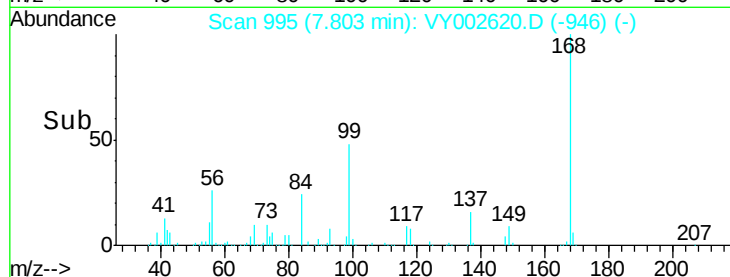
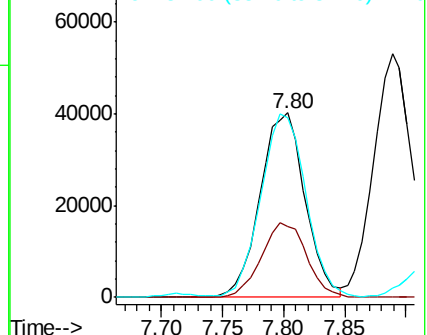
56 100

69 38.7 27.6 41.4

84 95.4 77.7 116.5



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: 19.955 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

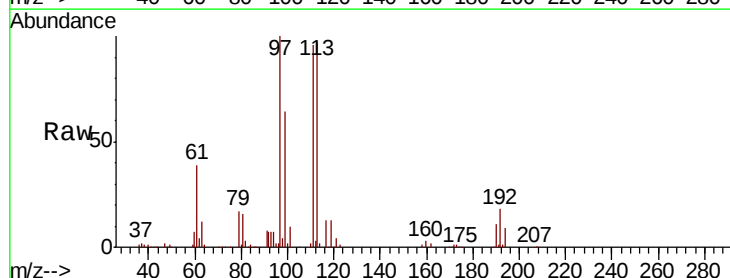
Tgt Ion: 97 Resp: 103908

Ion Ratio Lower Upper

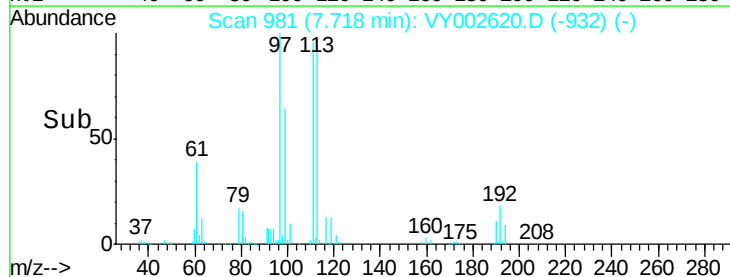
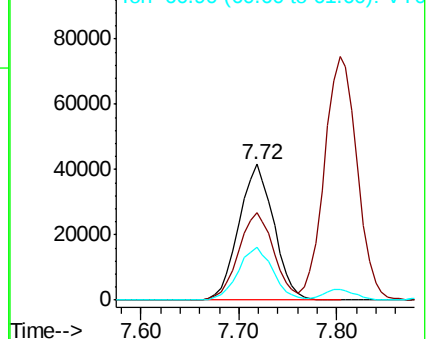
97 100

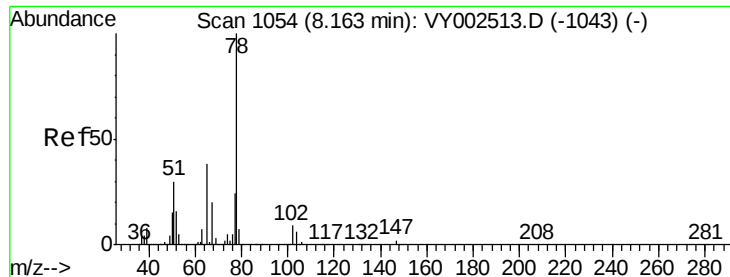
99 64.5 51.9 77.9

61 38.6 31.0 46.6



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

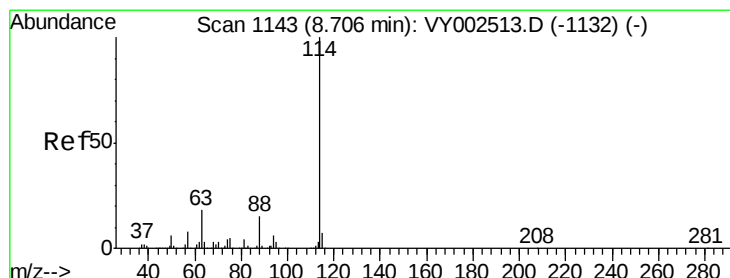
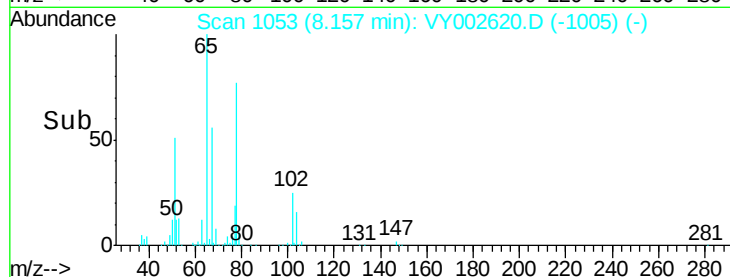
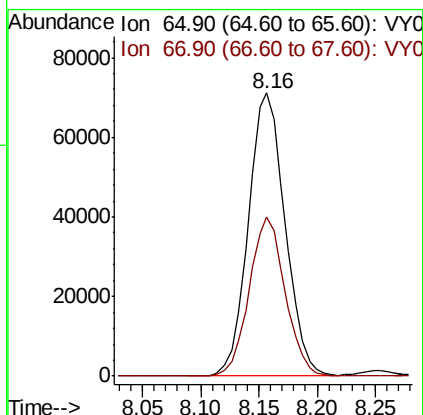
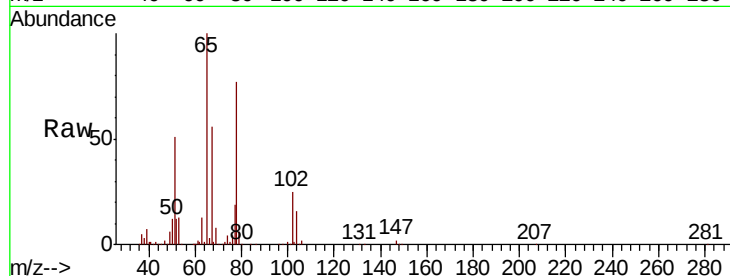




#33
 1,2-Dichloroethane-d4
 Concen: 51.565 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

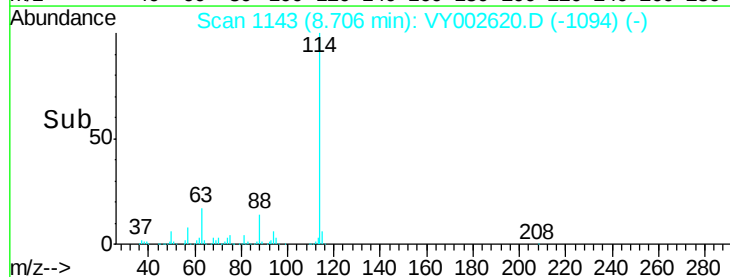
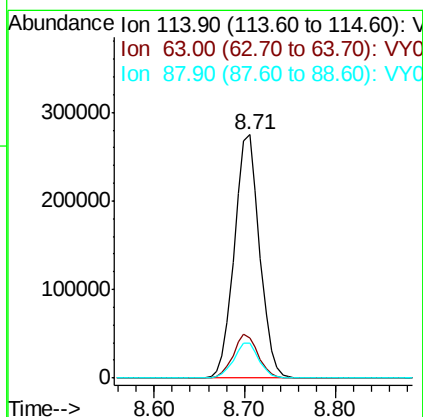
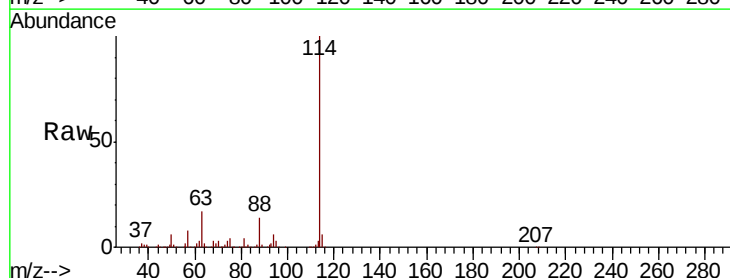
Instrument :
 MSVOA_Y
 ClientSampleId :

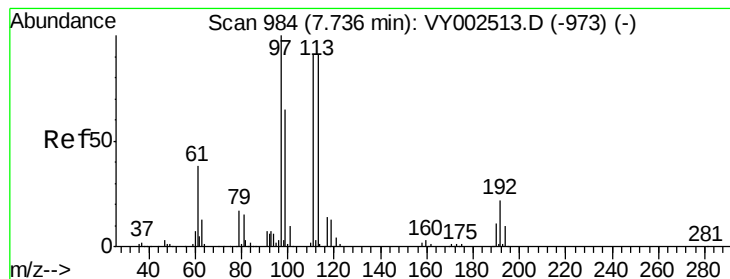
Tot Ion: 65 Resp: 155589
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 114 Resp: 529144
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 36.4
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 55.293 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

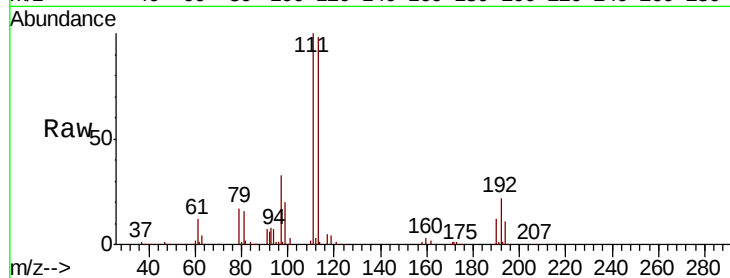
Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 167327

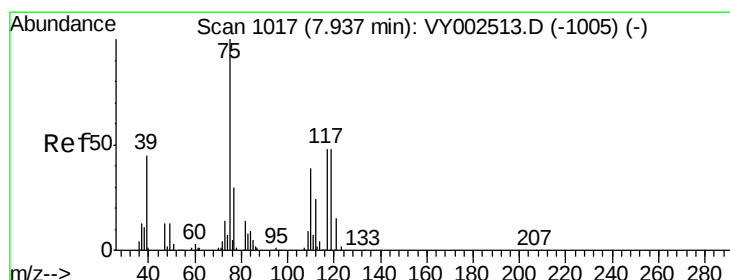
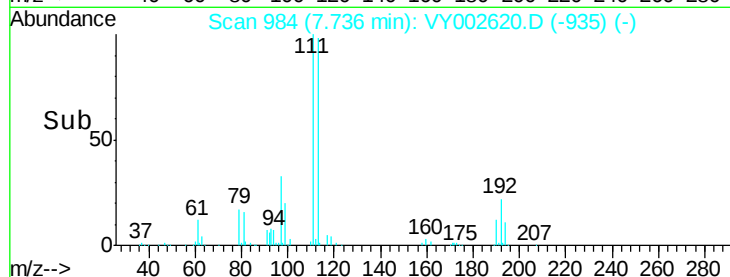
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.8	122.6
192	22.4	18.2	27.4



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: 19.891 ug/l

RT: 7.93 min Scan# 1016

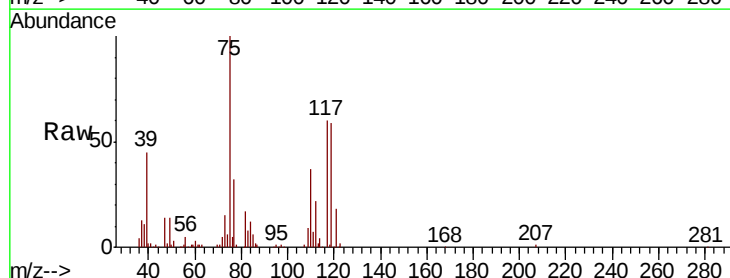
Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 75 Resp: 88235

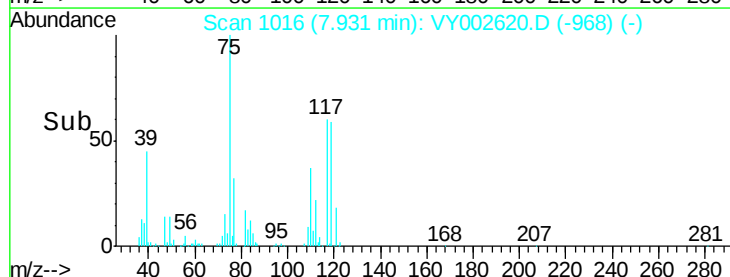
Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	31.4	24.6	37.0

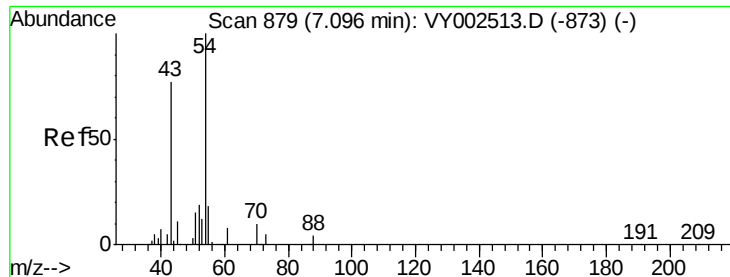


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

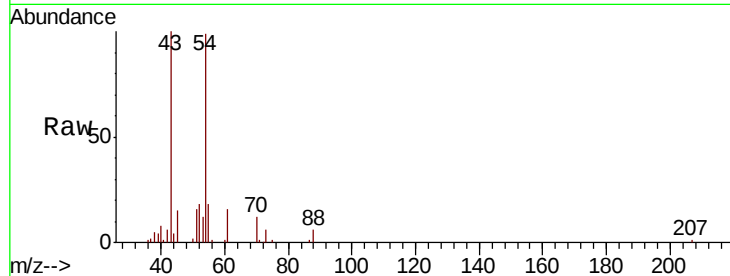




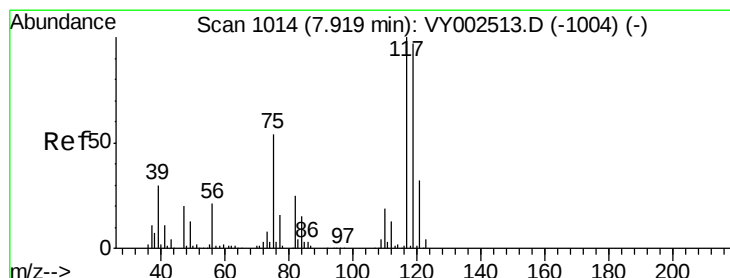
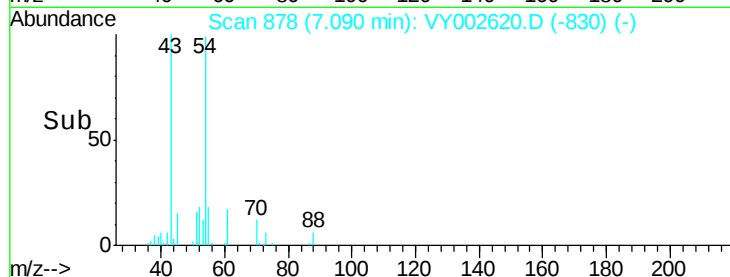
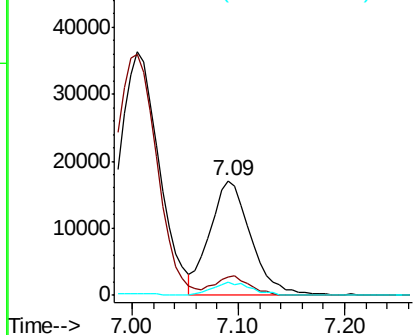
#37
Ethyl Acetate
Concen: 19.858 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 45267
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 10.9 9.0 13.6

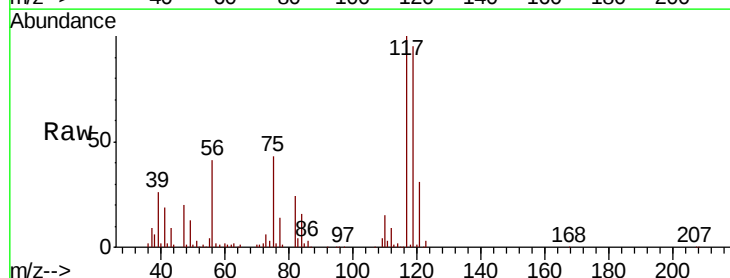


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

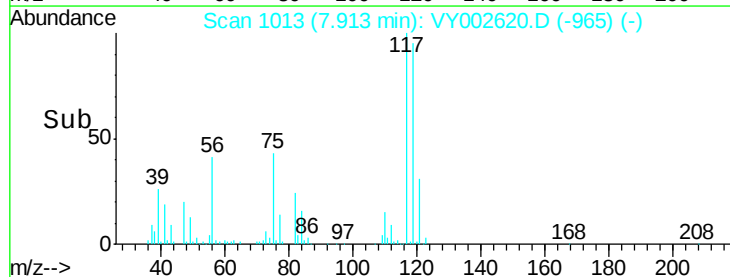
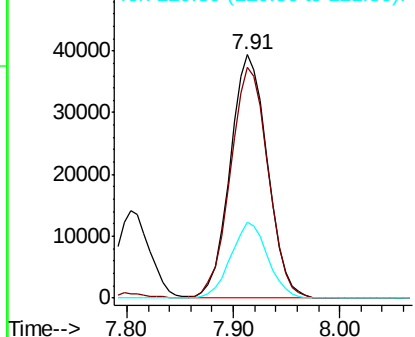


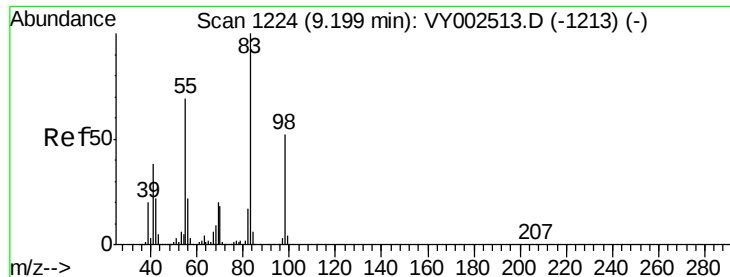
#38
Carbon Tetrachloride
Concen: 20.000 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 117 Resp: 96856
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
121 31.2 25.2 37.8



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

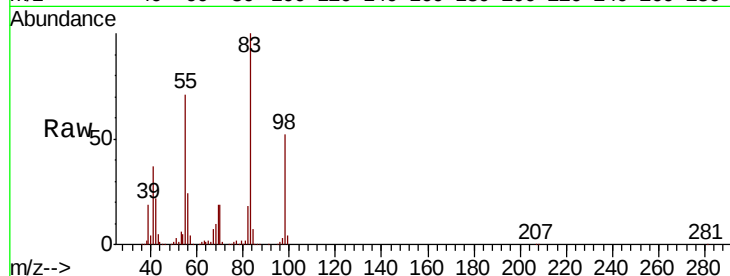




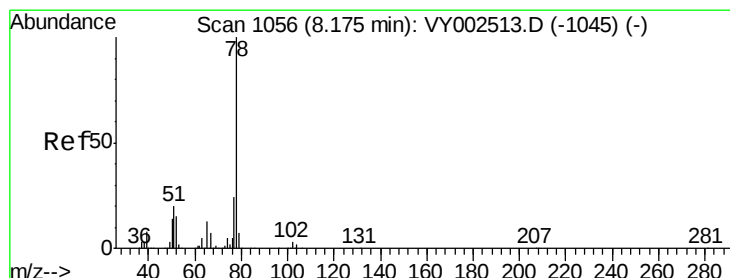
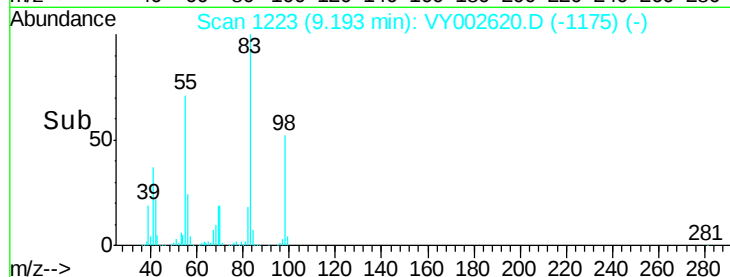
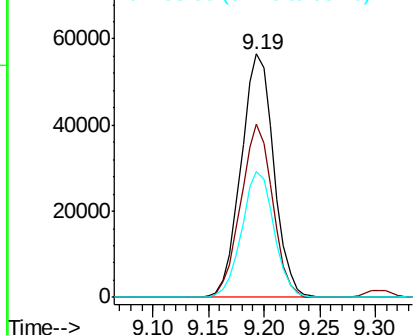
#39
Methvlcvclohexane
Concen: 19.677 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 115288
Ion Ratio Lower Upper
83 100
55 71.2 55.4 83.0
98 51.8 41.3 61.9

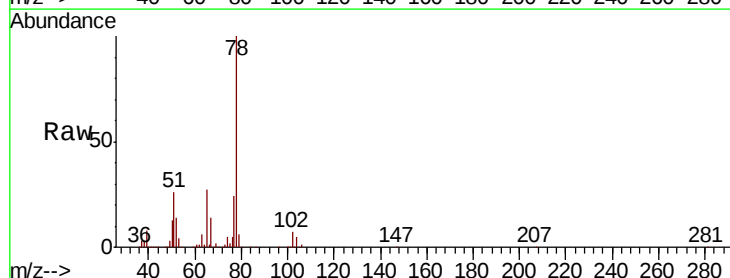


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

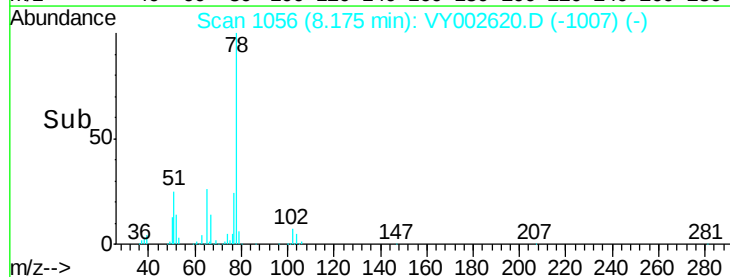
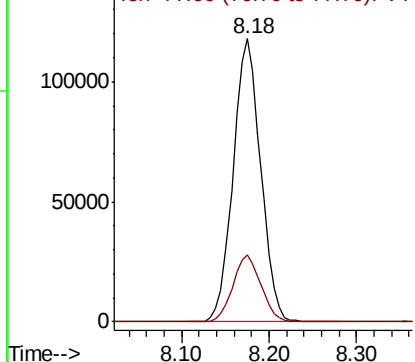


#40
Benzene
Concen: 20.147 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 78 Resp: 258118
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

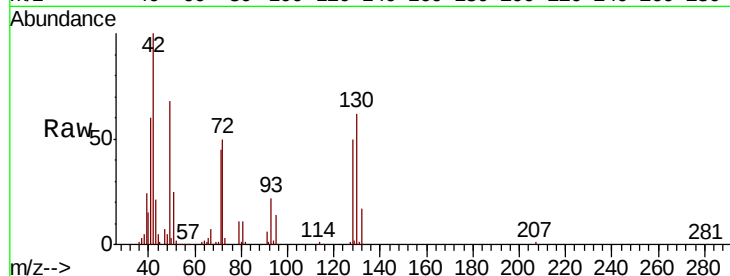




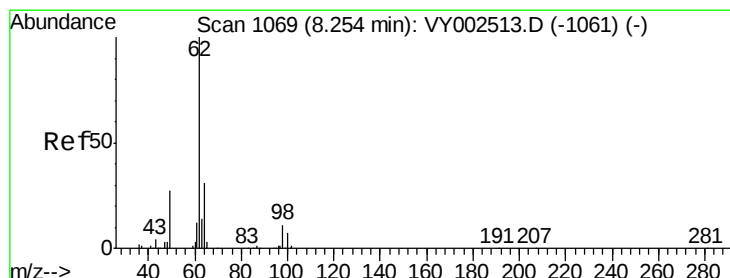
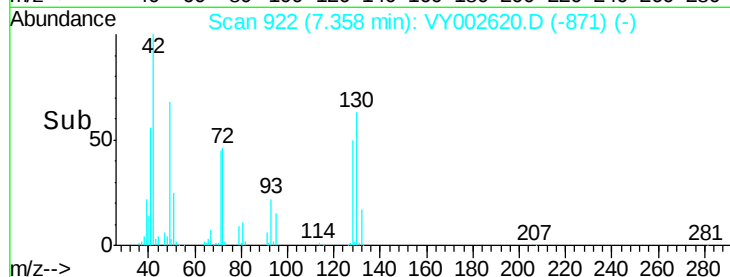
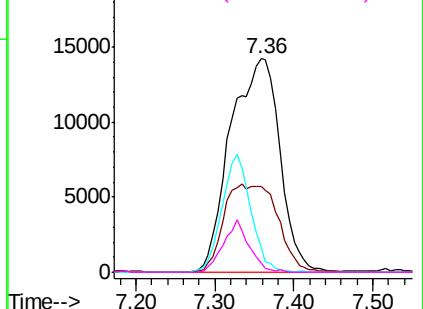
#41
Methacrylonitrile
Concen: 50.464 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	61849
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

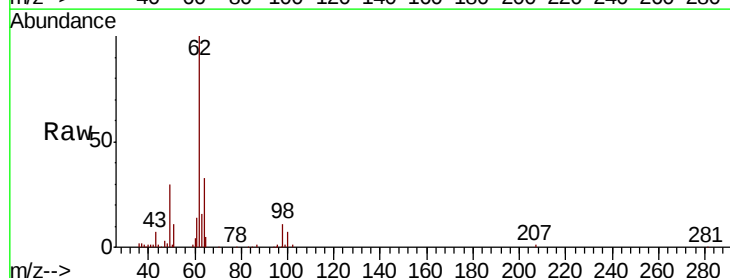


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

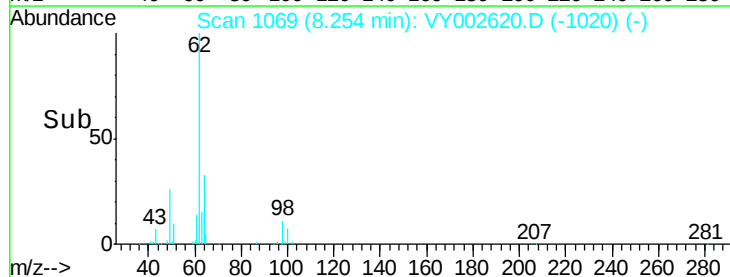
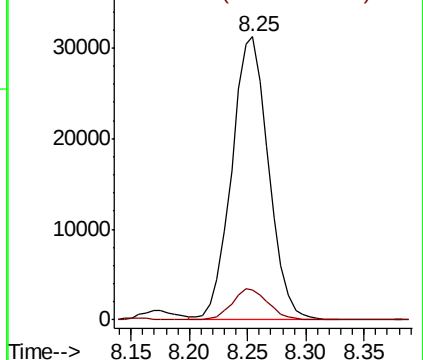


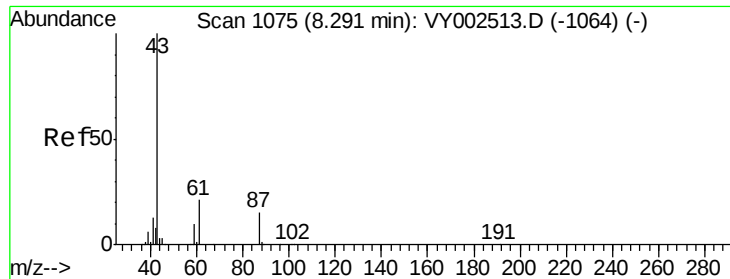
#42
1,2-Dichloroethane
Concen: 19.142 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:	62	Resp:	68790
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 20.045 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

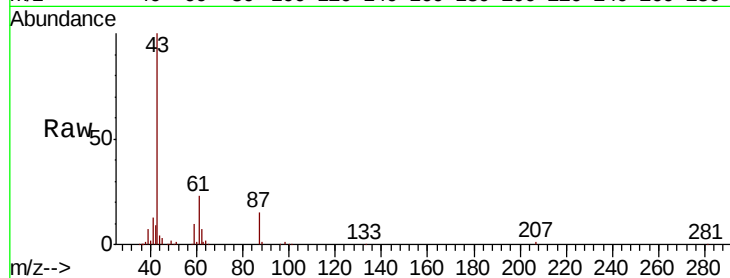
Tot Ion: 43 Resp: 85658

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 15.0 12.2 18.2

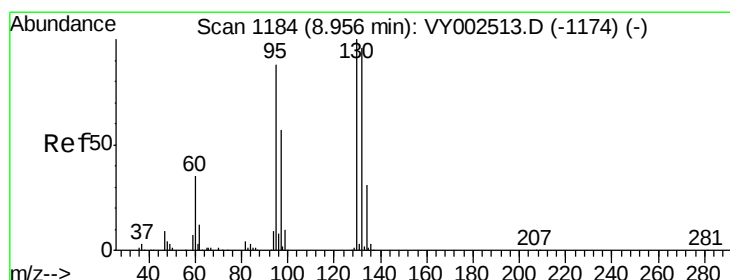
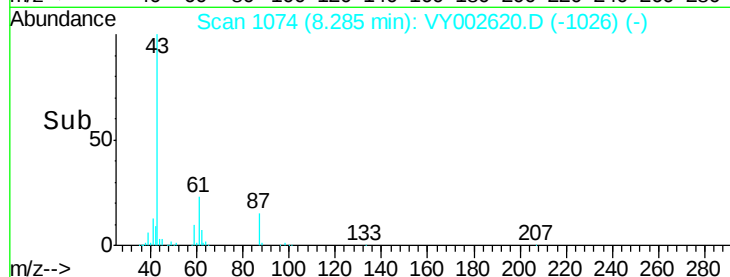


Abundance Ion 43.00 (42.70 to 43.70): VY002620.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY002620.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY002620.D (-1074) (-)

Time-->



#44

Trichloroethene

Concen: 20.755 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002620.D

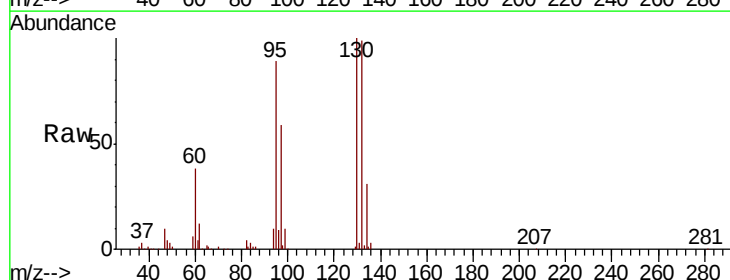
Acq: 07 May 2020 11:03

Tgt Ion: 130 Resp: 83099

Ion Ratio Lower Upper

130 100

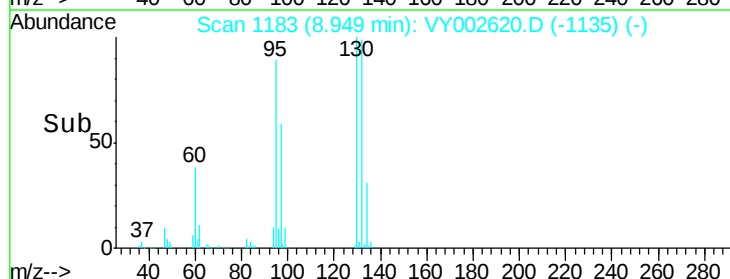
95 88.8 0.0 175.8

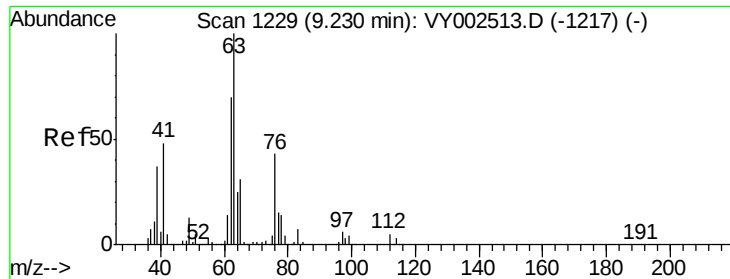


Abundance Ion 129.80 (129.50 to 130.50): VY002620.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY002620.D (-1183) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 20.622 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

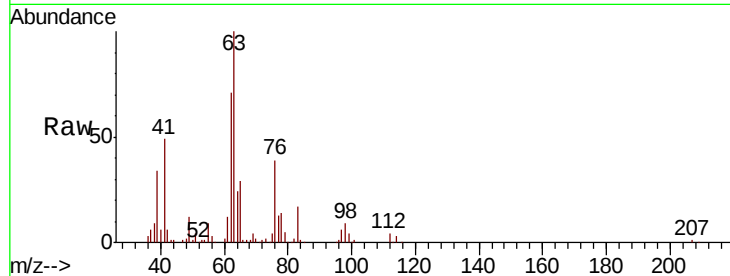
ClientSampleId :

Tot Ion: 63 Resp: 63763

Ion Ratio Lower Upper

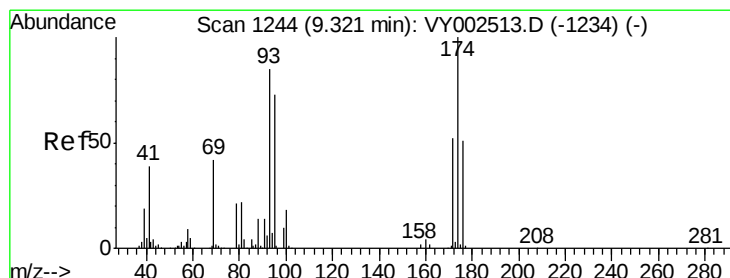
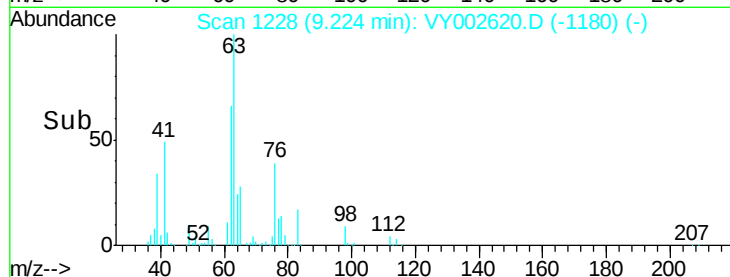
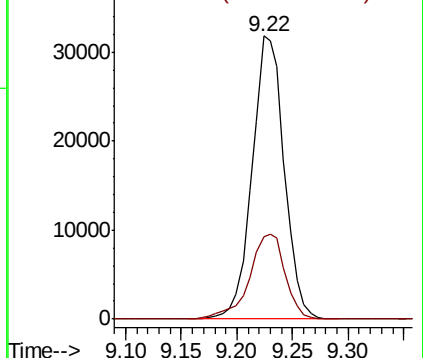
63 100

65 29.2 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 19.745 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

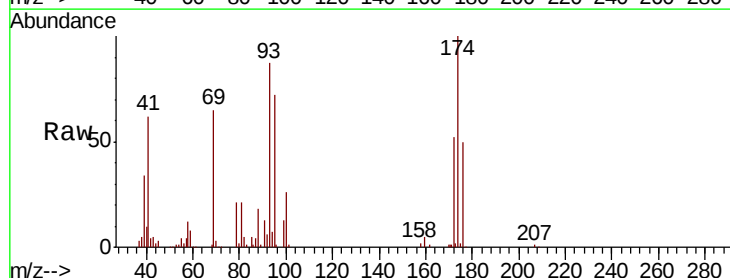
Tgt Ion: 93 Resp: 35127

Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.4

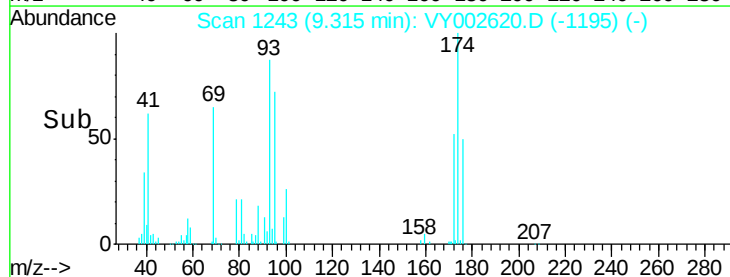
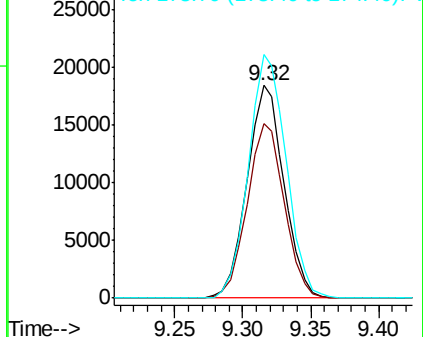
174 116.7 92.7 139.1

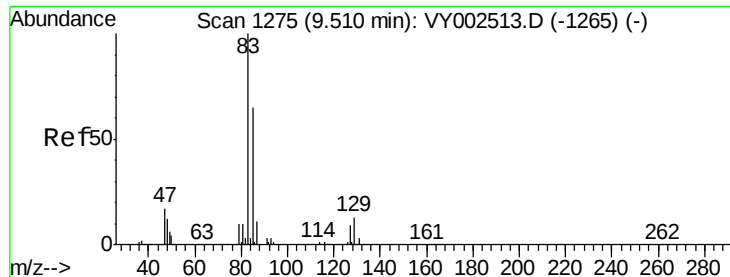


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 20.186 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampleId :

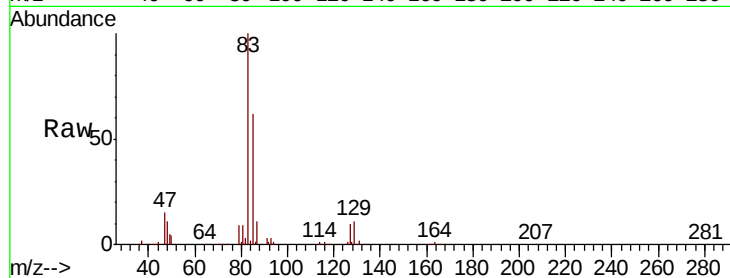
Tot Ion: 83 Resp: 87319

Ion Ratio Lower Upper

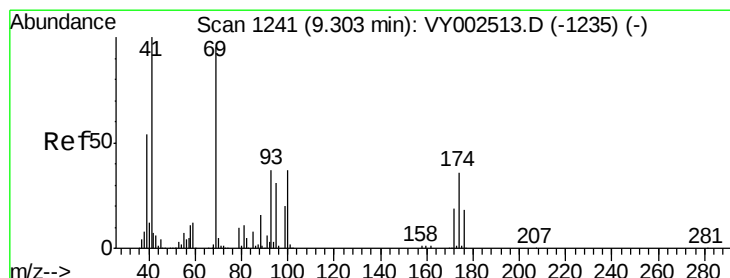
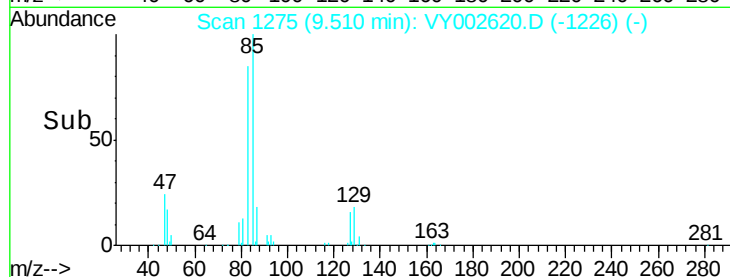
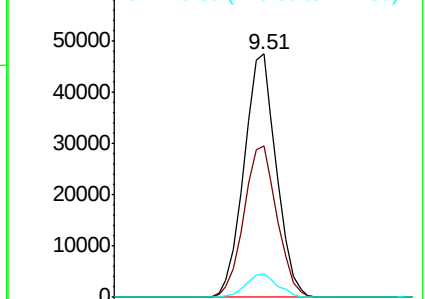
83 100

85 62.0 51.8 77.8

127 9.7 7.4 11.0



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): V



#48

Methyl methacrylate

Concen: 19.976 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

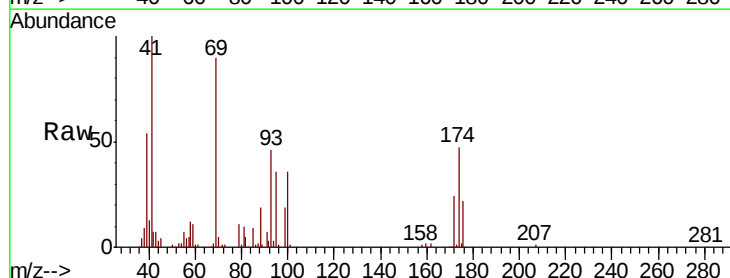
Tgt Ion: 41 Resp: 38634

Ion Ratio Lower Upper

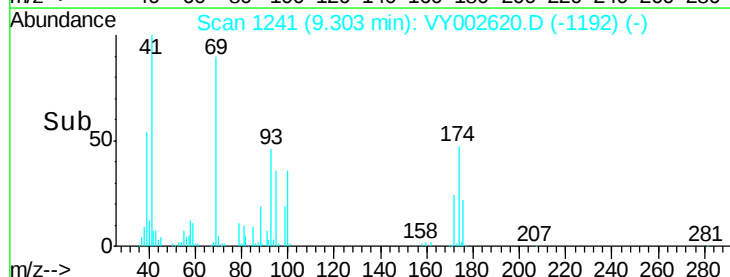
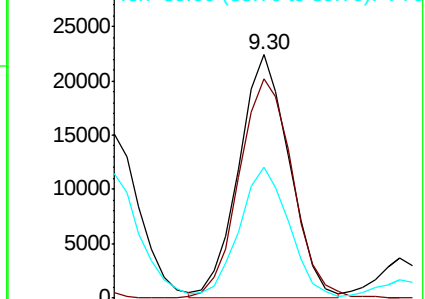
41 100

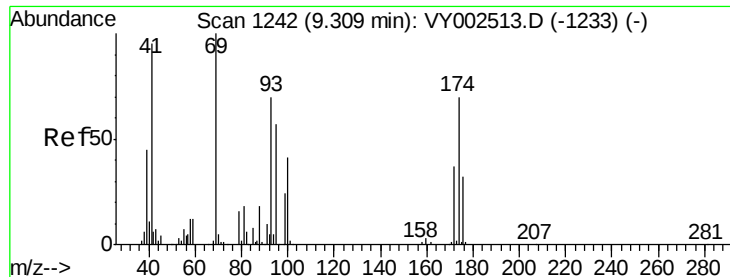
69 94.8 76.2 114.4

39 51.4 42.7 64.1



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

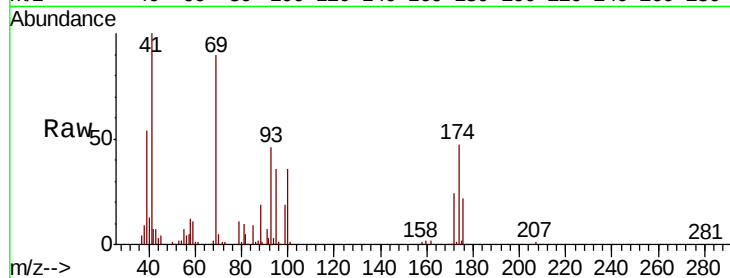




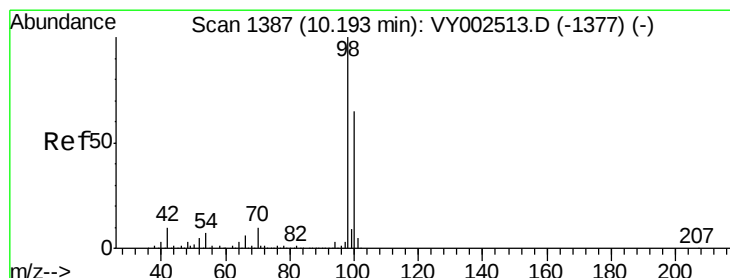
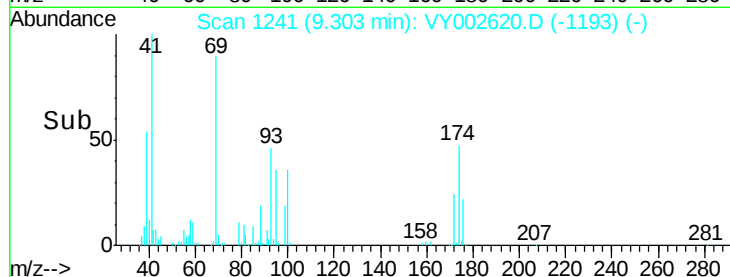
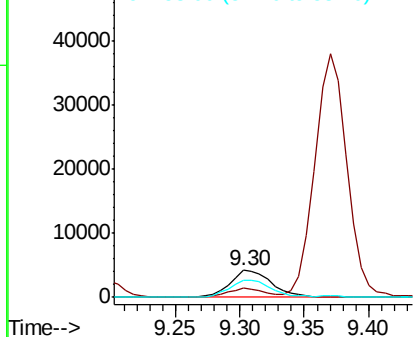
#49
1,4-Dioxane
Concen: 400.211 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 9427
Ion Ratio Lower Upper
88 100
43 31.8 22.8 34.2
58 63.6 51.4 77.2

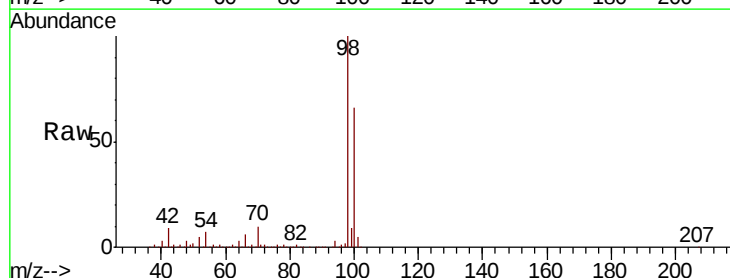


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

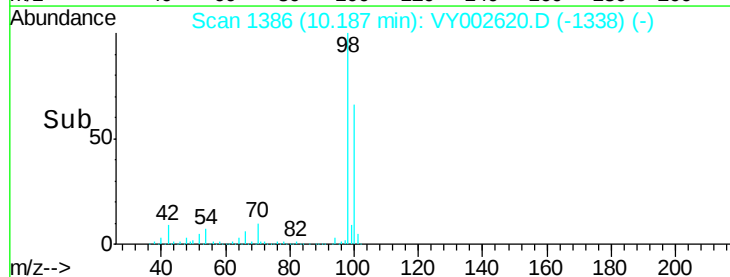
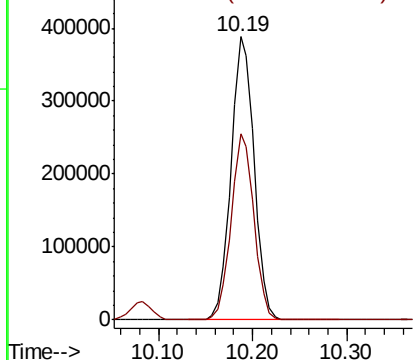


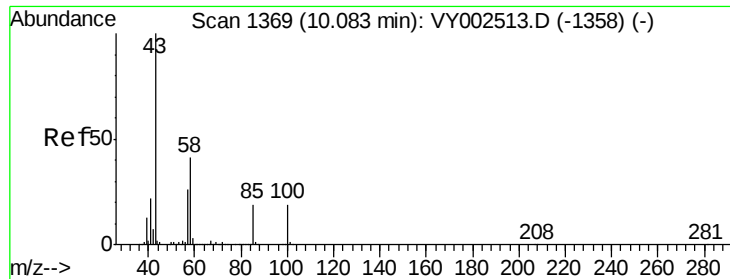
#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 98 Resp: 654708
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



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

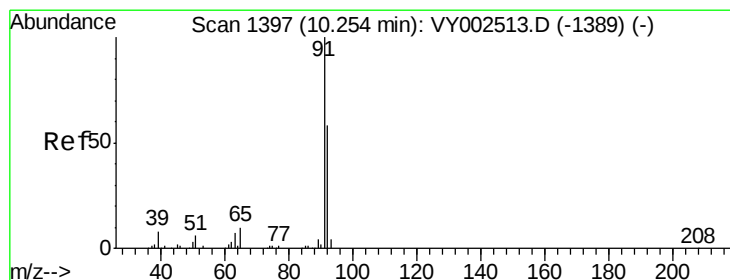
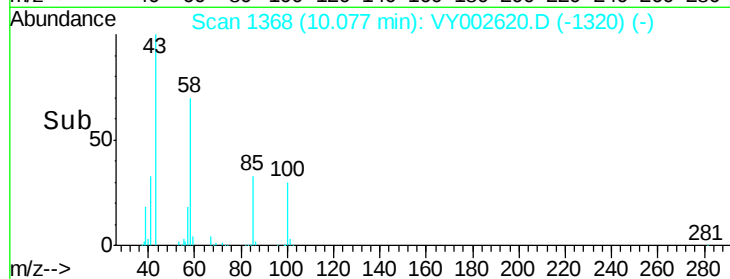
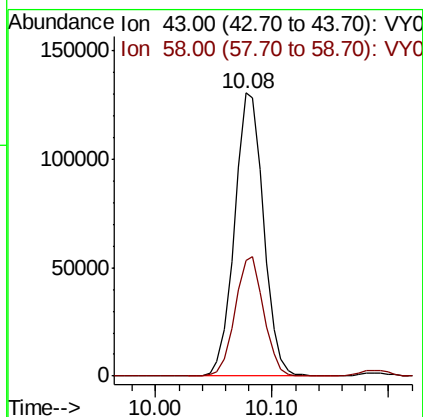
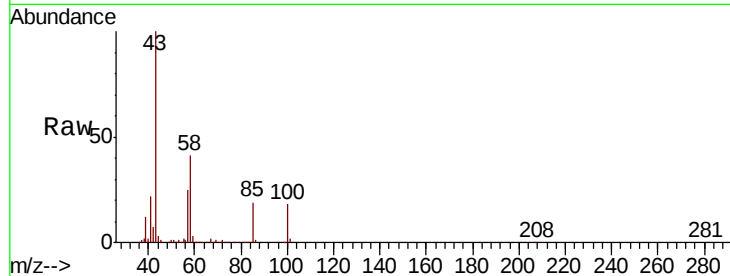




#51
 4-Methyl-2-Pentanone
 Concen: 103.132 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

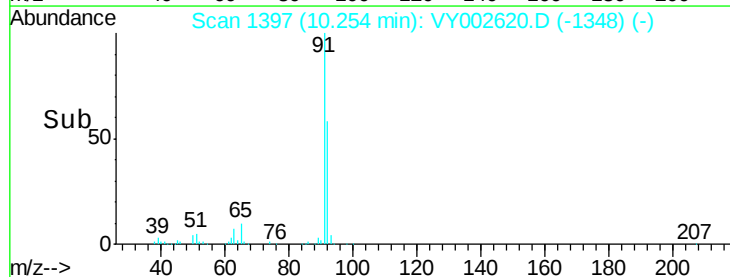
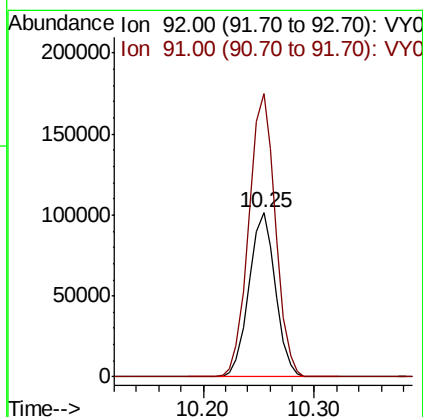
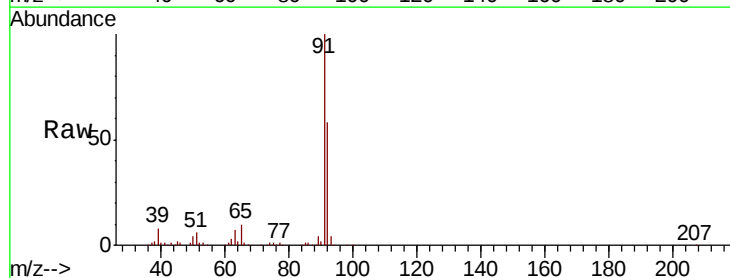
Instrument :
 MSVOA_Y
 ClientSampled :

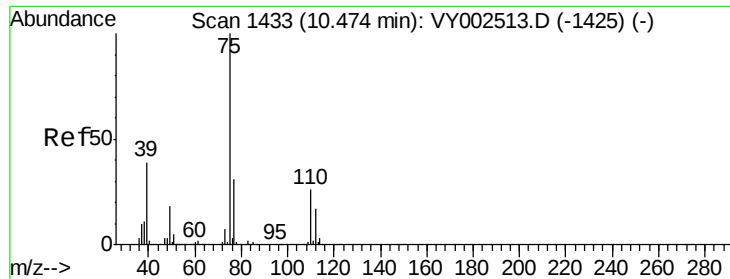
Tot Ion: 43 Resp: 227165
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.2 49.8



#52
 Toluene
 Concen: 20.386 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 92 Resp: 167856
 Ion Ratio Lower Upper
 92 100
 91 173.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

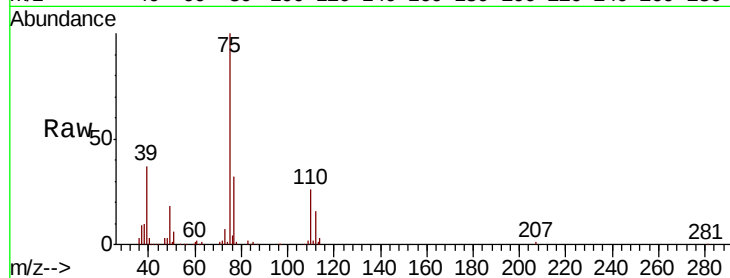
ClientSampleId :

Tot Ion: 75 Resp: 91528

Ion Ratio Lower Upper

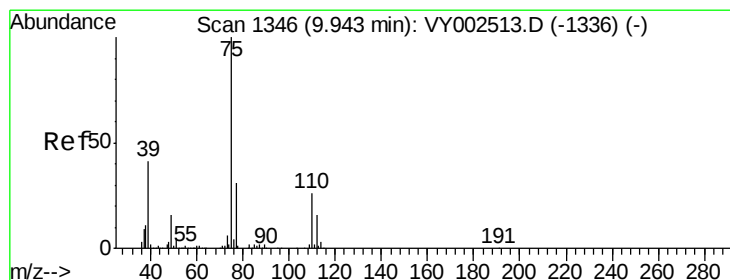
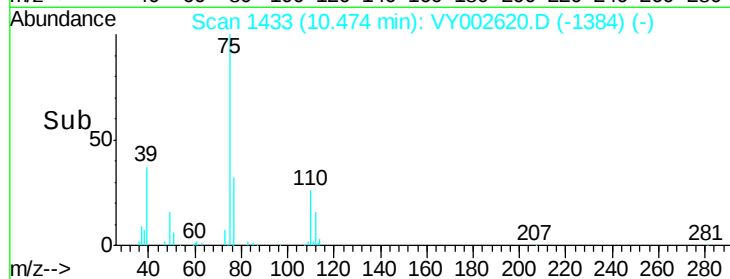
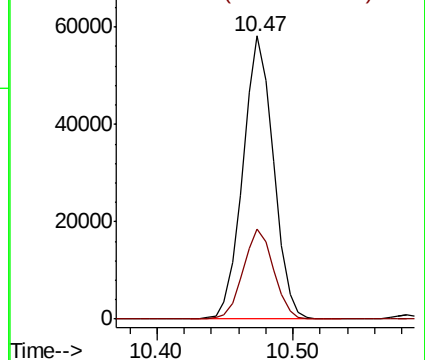
75 100

77 31.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.418 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

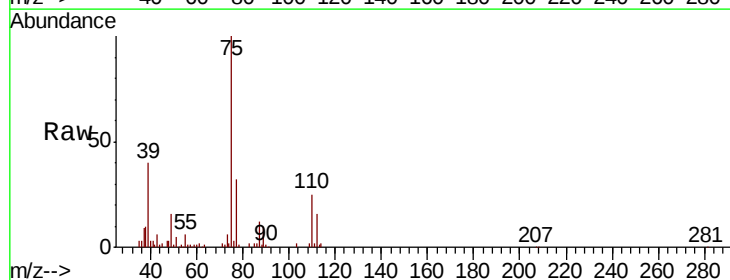
Tgt Ion: 75 Resp: 106981

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

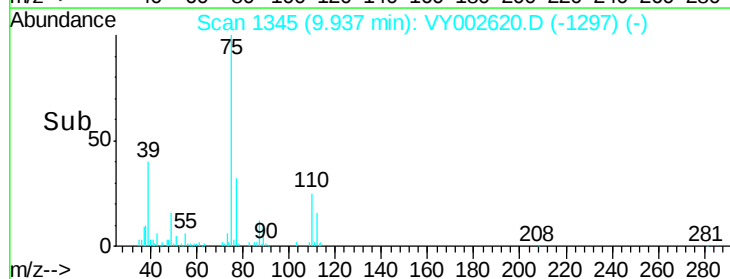
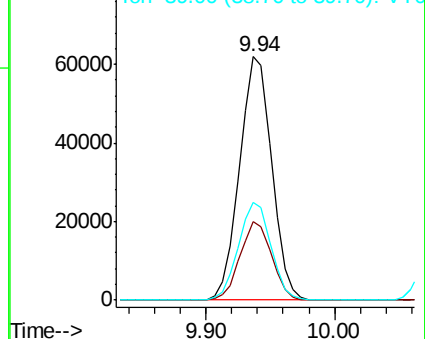
39 40.3 32.7 49.1

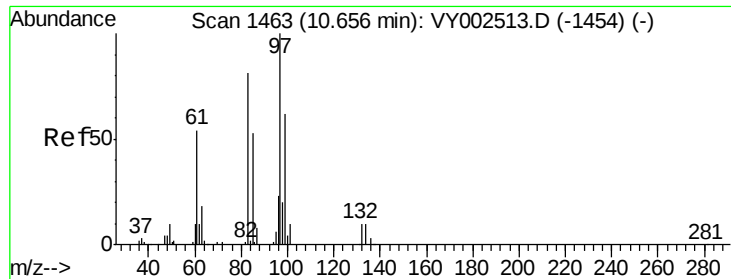


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

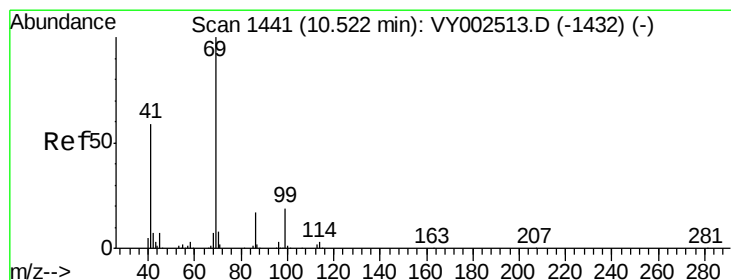
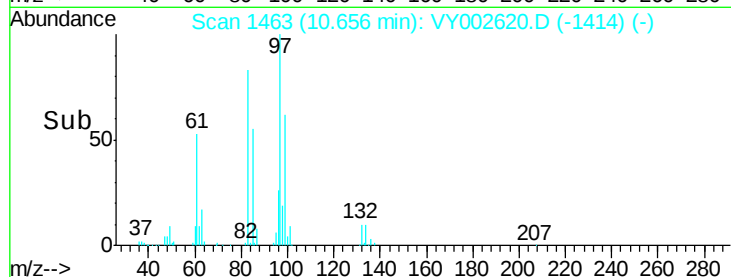
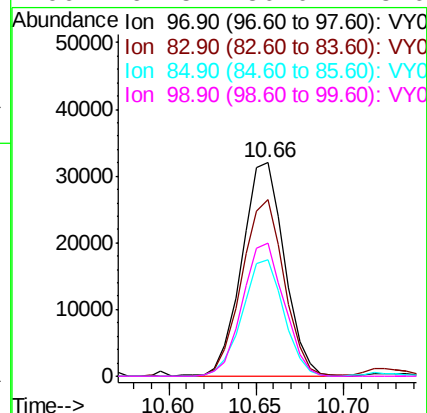
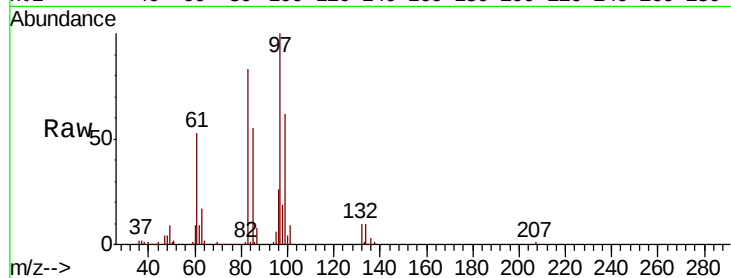




#55
 1,1,2-Trichloroethane
 Concen: 20.828 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

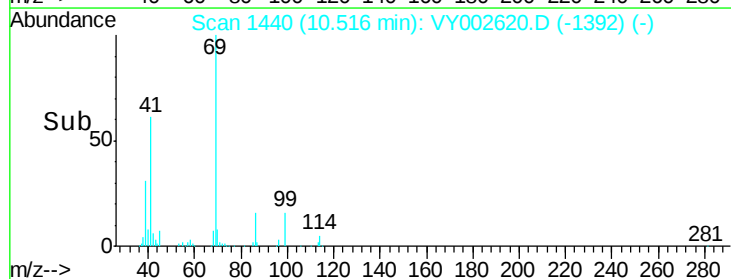
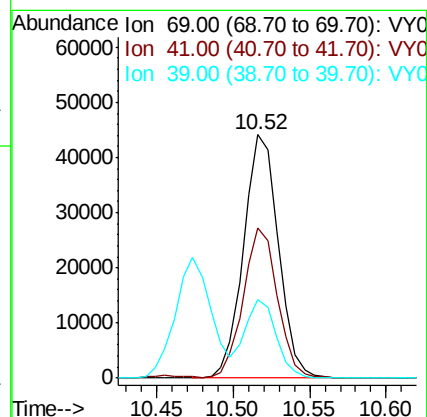
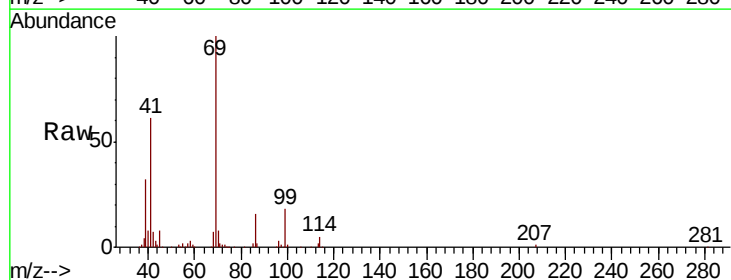
Instrument :
 MSVOA_Y
 ClientSampleId :

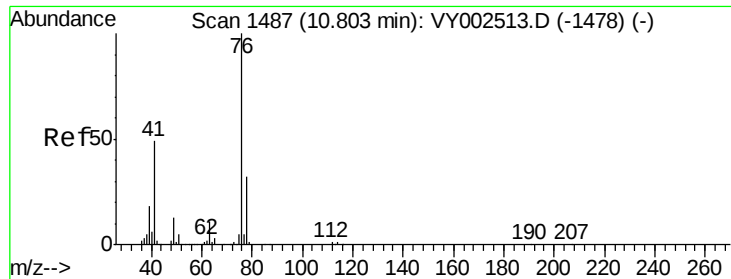
Tot Ion:	97	Resp:	54035
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	54.8	42.7	64.1
99	62.5	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.202 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion:	69	Resp:	69724
Ion	Ratio	Lower	Upper
69	100		
41	60.2	48.6	73.0
39	29.6	25.0	37.4





#57

1,3-Dichloropropane

Concen: 20.096 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

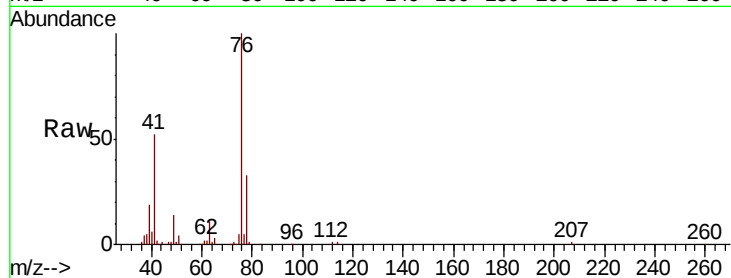
ClientSampled :

Tot Ion: 76 Resp: 88414

Ion Ratio Lower Upper

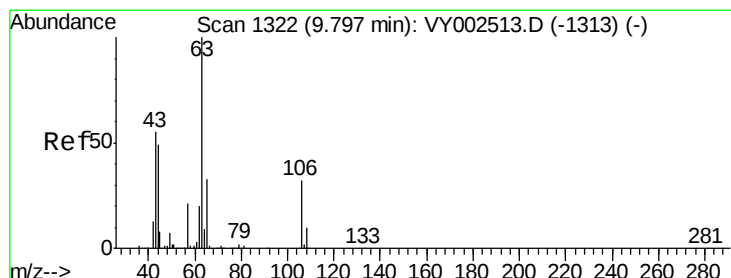
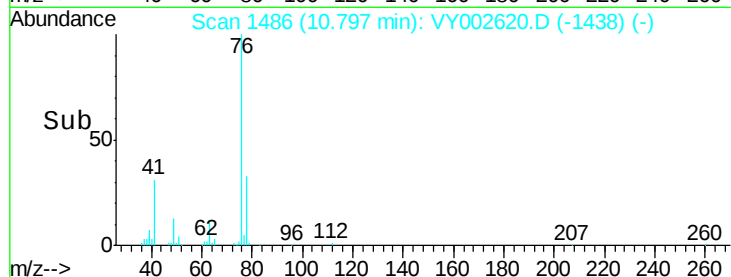
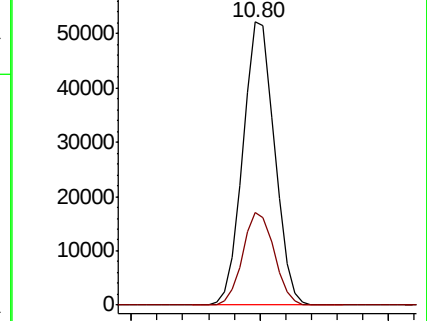
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.000 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002620.D

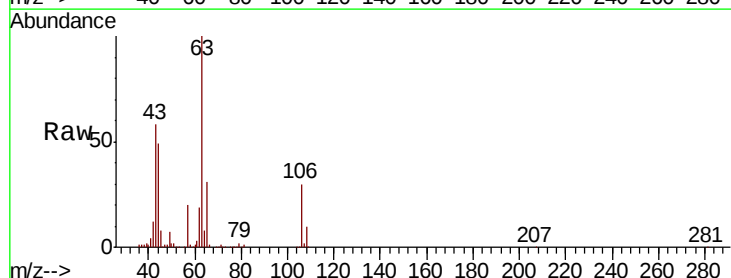
Acq: 07 May 2020 11:03

Tgt Ion: 63 Resp: 194745

Ion Ratio Lower Upper

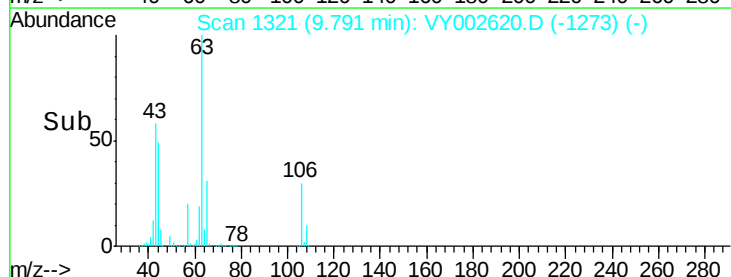
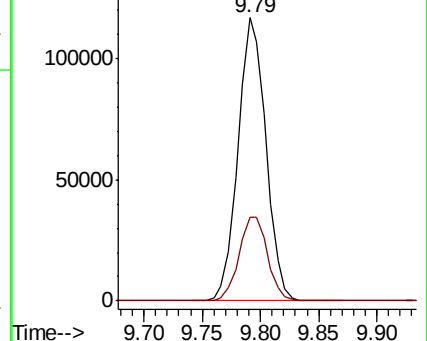
63 100

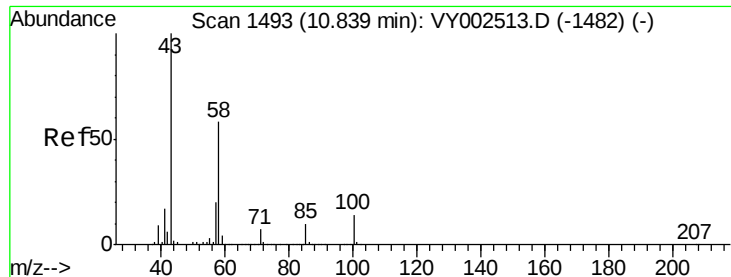
106 30.5 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

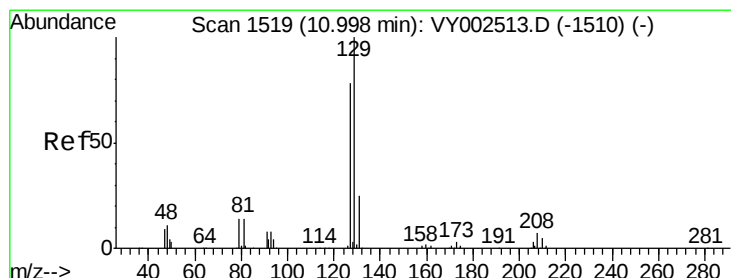
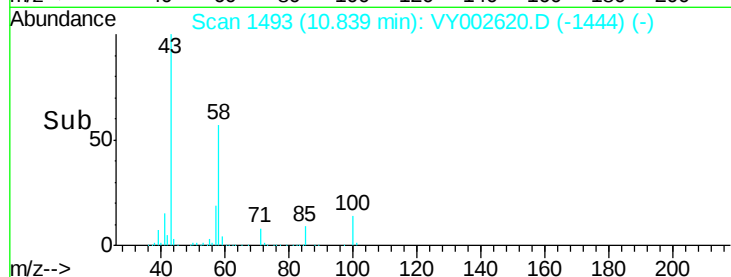
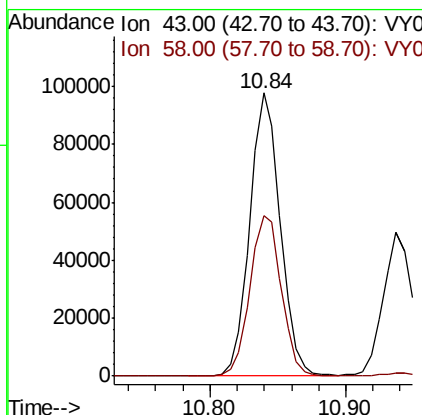
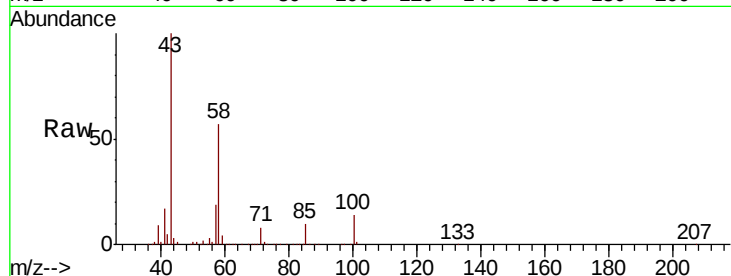




#59
2-Hexanone
Concen: 101.880 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

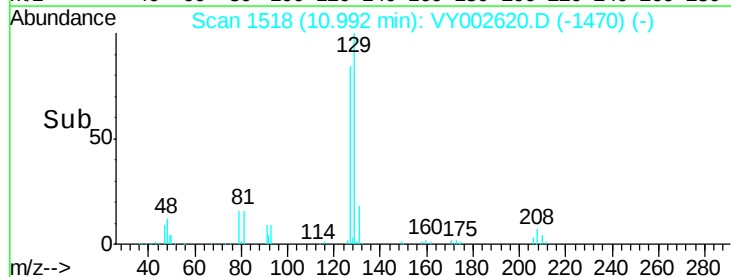
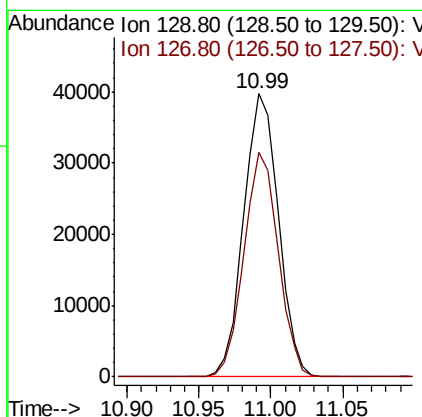
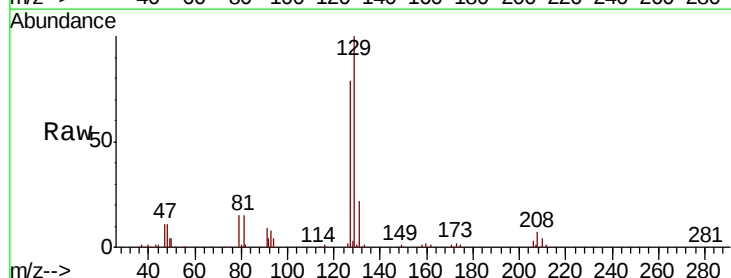
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 154452
Ion Ratio Lower Upper
43 100
58 58.1 29.1 87.3



#60
Dibromochloromethane
Concen: 20.148 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion: 129 Resp: 66480
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0

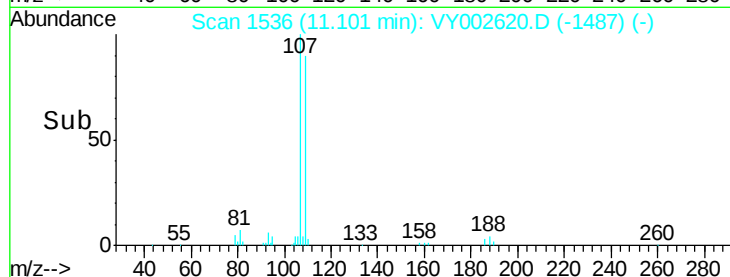
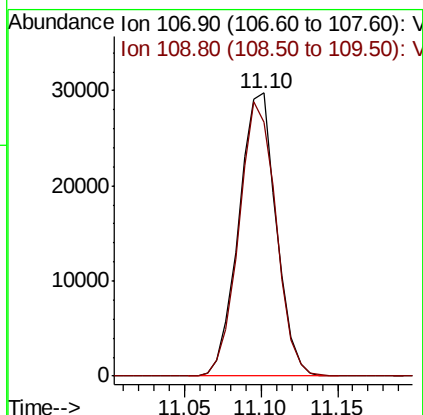
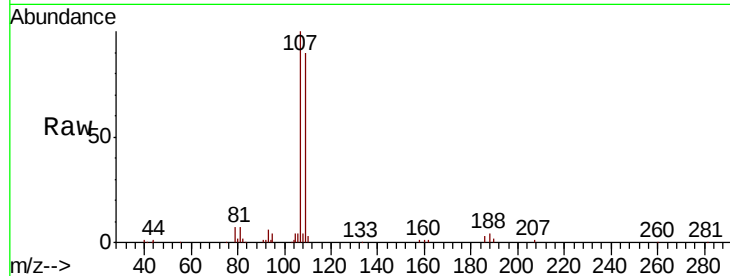




#61
 1,2-Dibromoethane
 Concen: 19.693 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

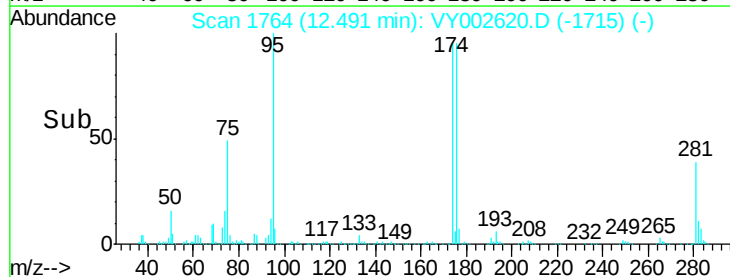
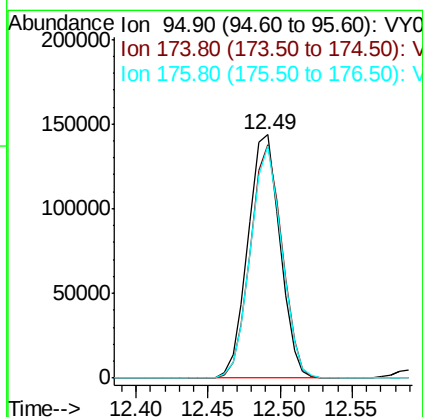
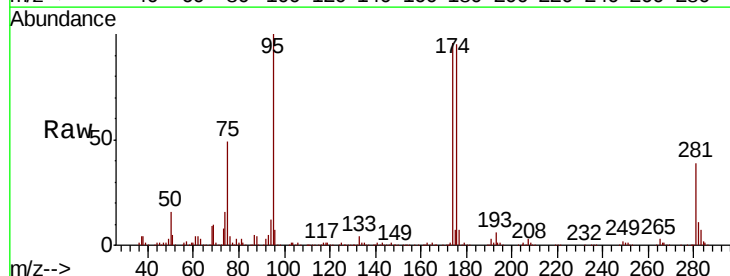
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 50589
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.229 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion: 95 Resp: 221471
 Ion Ratio Lower Upper
 95 100
 174 94.1 0.0 188.8
 176 92.5 0.0 183.2

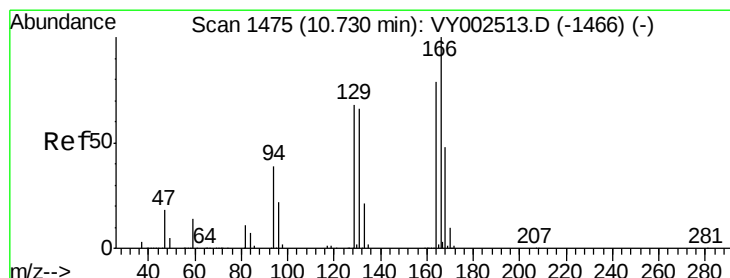
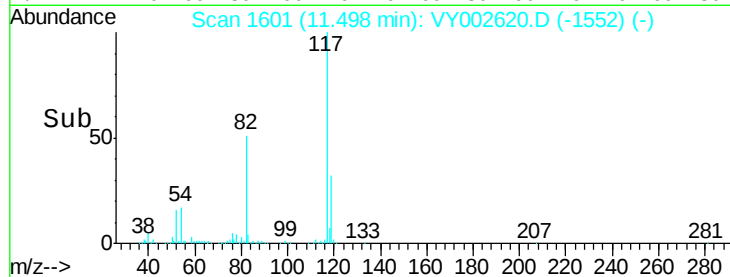
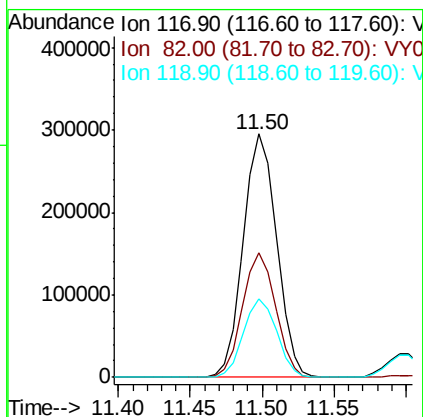
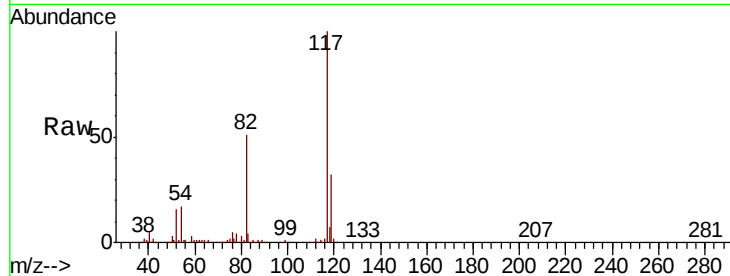




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

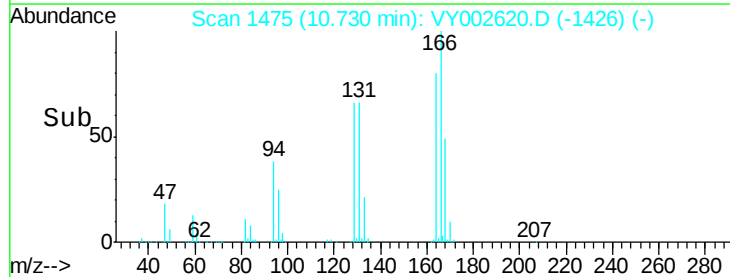
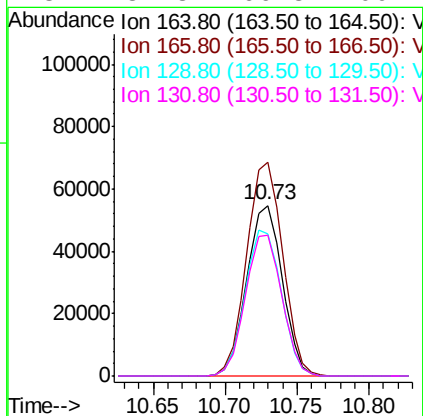
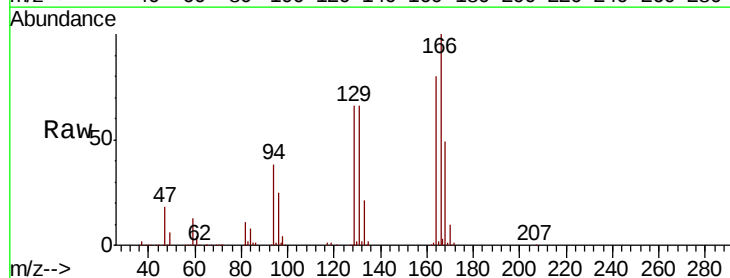
Instrument :
MSVOA_Y
ClientSampleId :

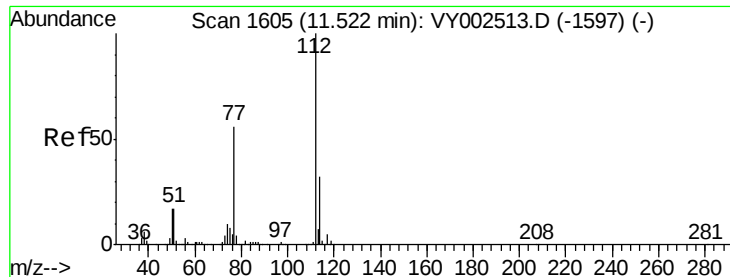
Tot Ion:117 Resp: 474520
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 22.090 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:164 Resp: 93134
Ion Ratio Lower Upper
164 100
166 125.2 100.7 151.1
129 83.1 68.3 102.5
131 82.3 66.8 100.2

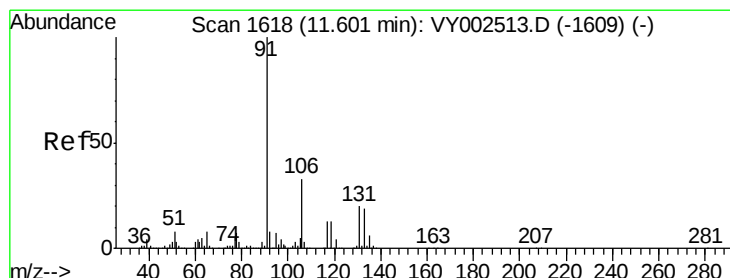
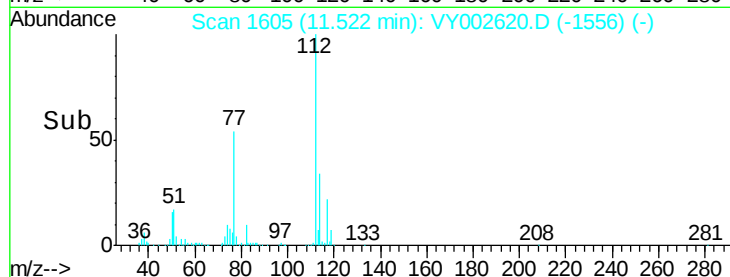
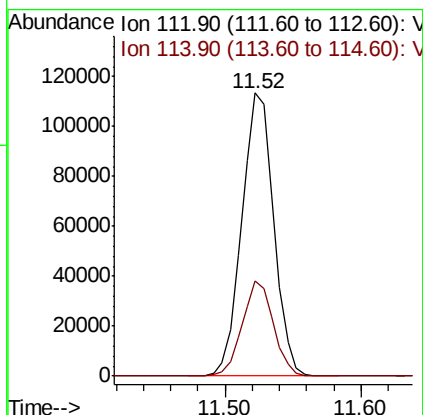
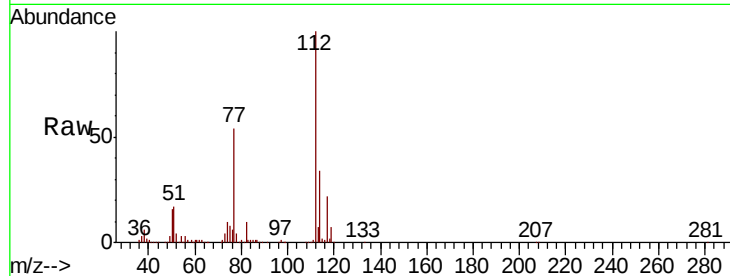




#65
Chlorobenzene
Concen: 20.638 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

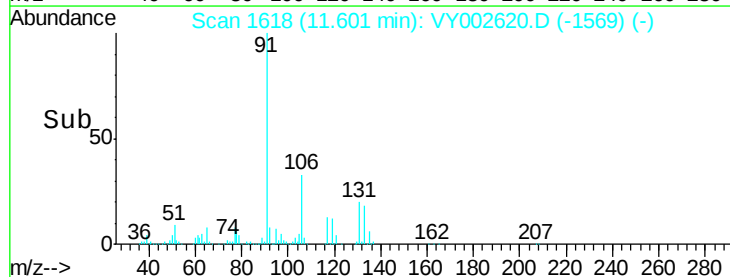
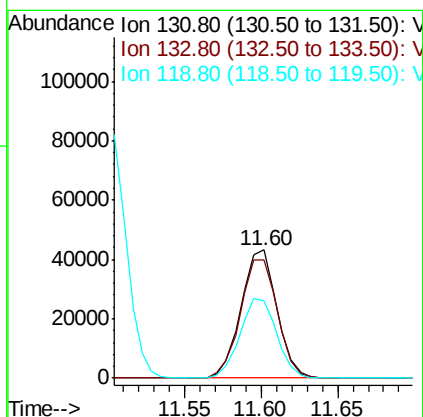
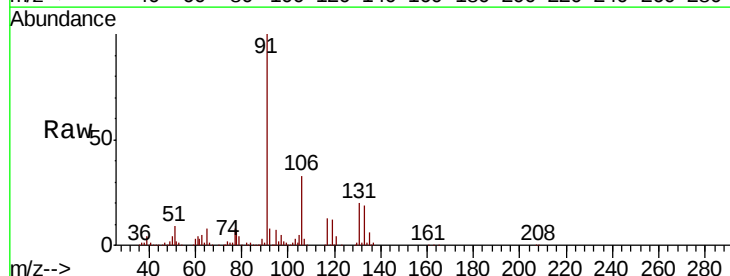
Instrument :
MSVOA_Y
ClientSampleId :

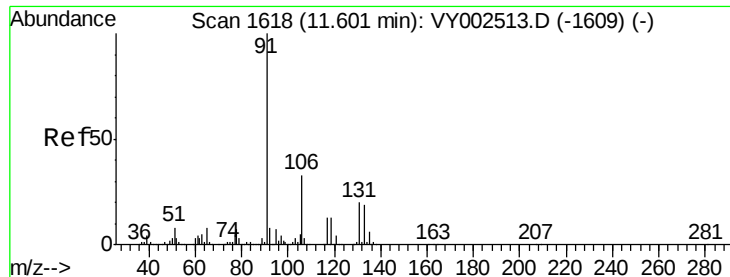
Tot Ion:112 Resp: 186170
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.931 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:131 Resp: 70086
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.0 31.6 95.0





#67

Ethyl Benzene

Concen: 20.693 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

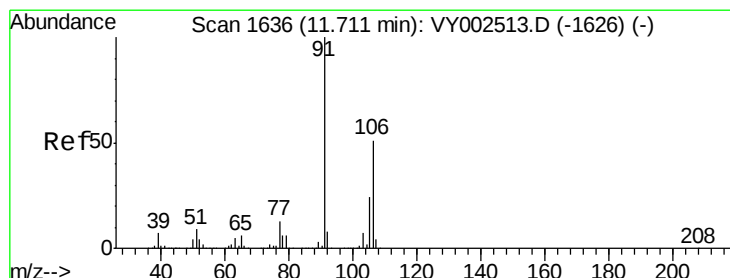
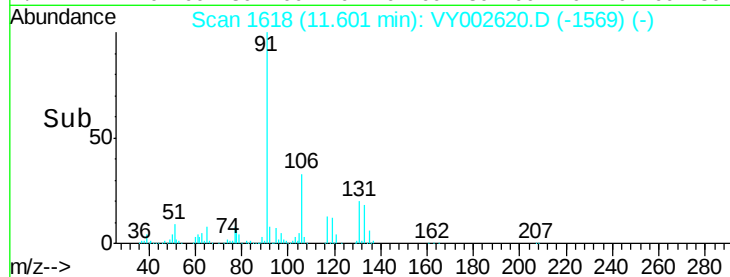
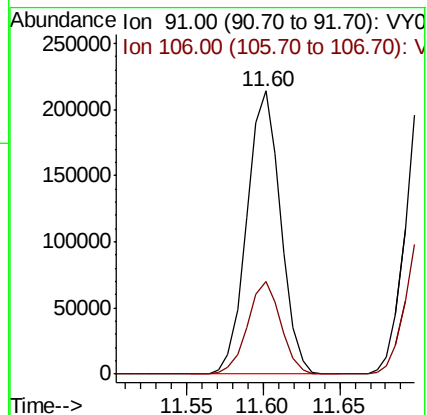
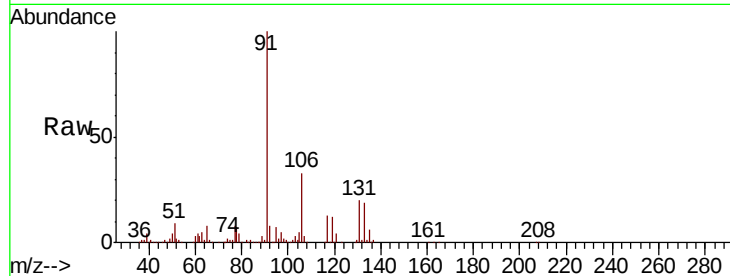
ClientSampleId :

Tot Ion: 91 Resp: 327881

Ion Ratio Lower Upper

91 100

106 32.9 26.1 39.1



#68

m/p-Xylenes

Concen: 41.554 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002620.D

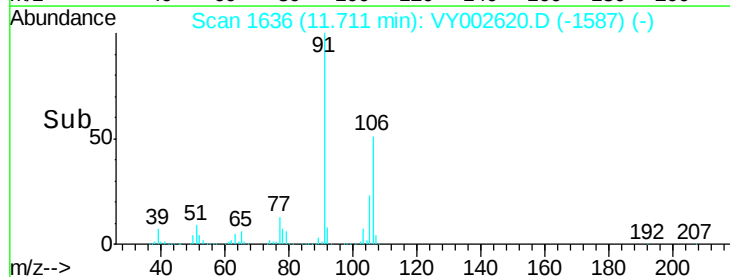
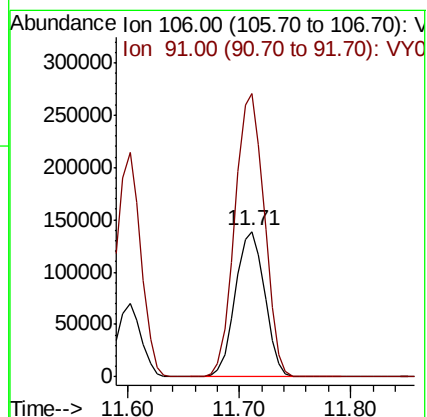
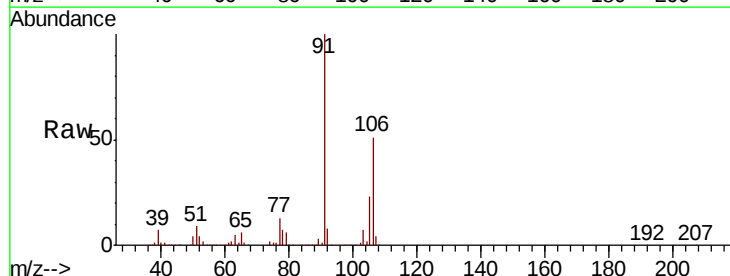
Acq: 07 May 2020 11:03

Tgt Ion: 106 Resp: 254762

Ion Ratio Lower Upper

106 100

91 194.7 155.2 232.8

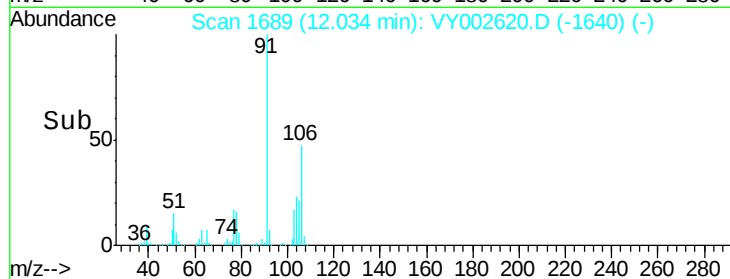
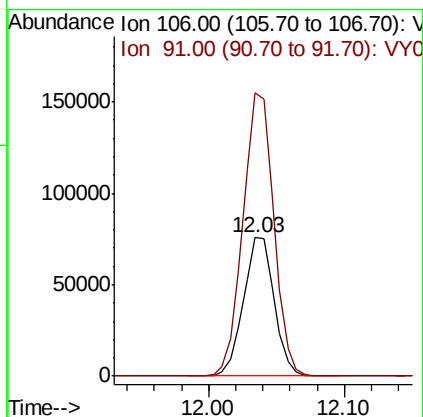
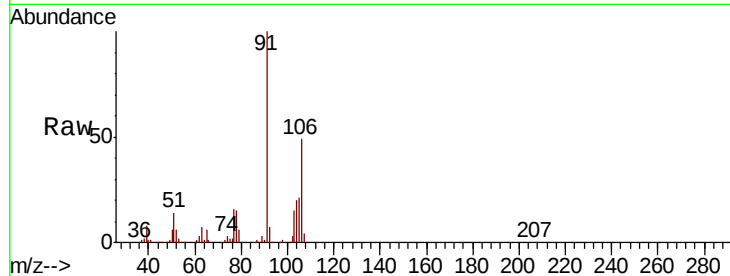




#69
o-Xylene
Concen: 20.908 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

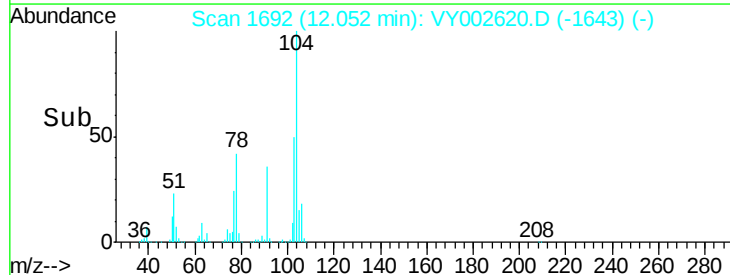
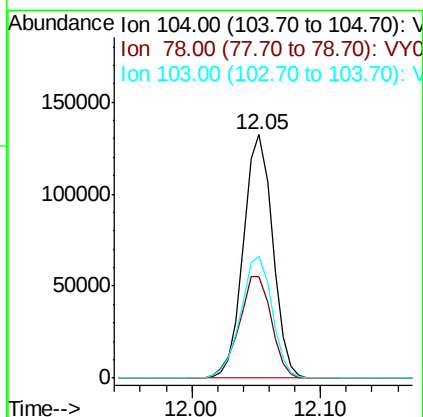
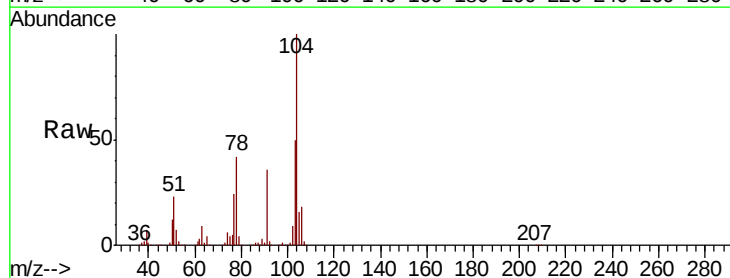
Instrument :
MSVOA_Y
ClientSampleId :

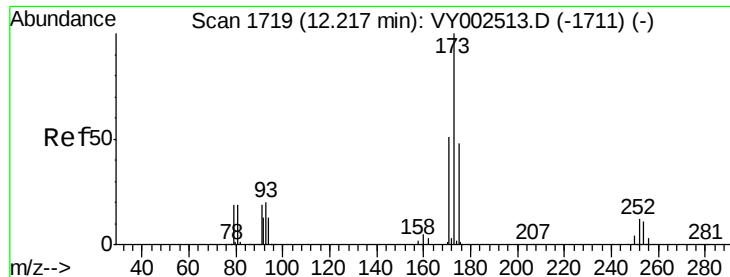
Tot Ion:106 Resp: 120024
Ion Ratio Lower Upper
106 100
91 205.3 103.8 311.3



#70
Styrene
Concen: 21.037 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002620.D
Acq: 07 May 2020 11:03

Tgt Ion:104 Resp: 206451
Ion Ratio Lower Upper
104 100
78 46.5 37.4 56.0
103 53.9 43.9 65.9





#71

Bromoform

Concen: 20.676 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

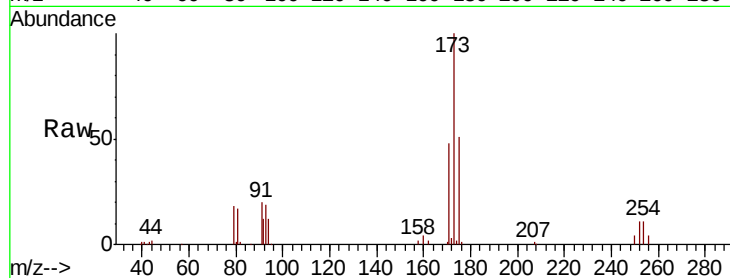
Tot Ion:173 Resp: 42970

Ion Ratio Lower Upper

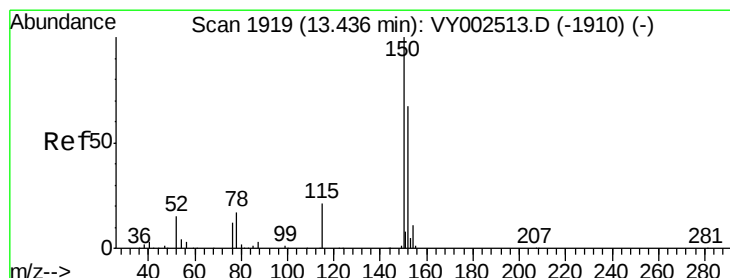
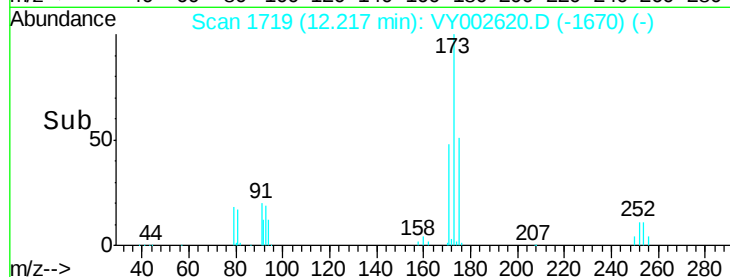
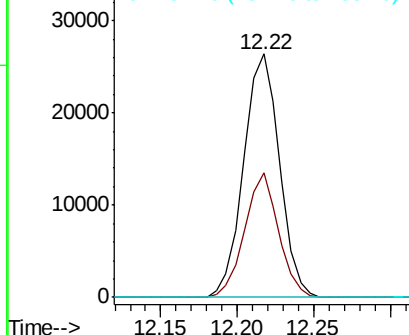
173 100

175 48.1 24.3 72.8

254 0.0 0.2 0.2#



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

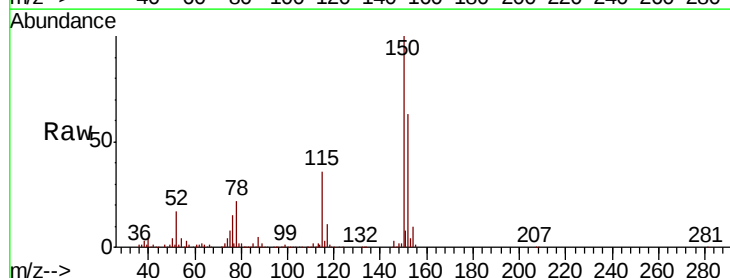
Tgt Ion:152 Resp: 246739

Ion Ratio Lower Upper

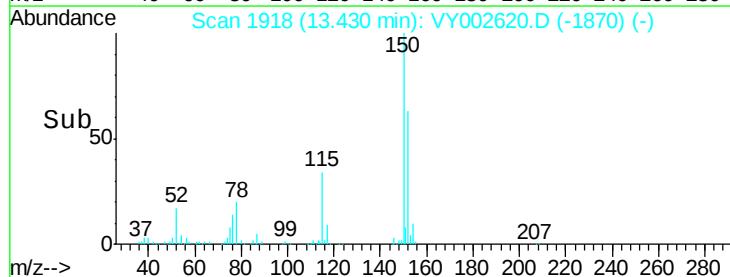
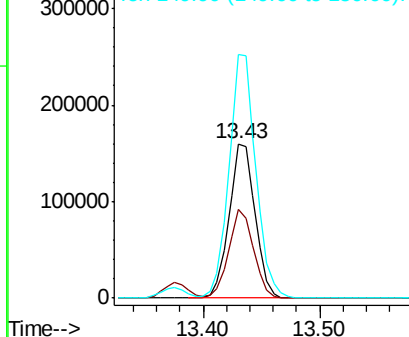
152 100

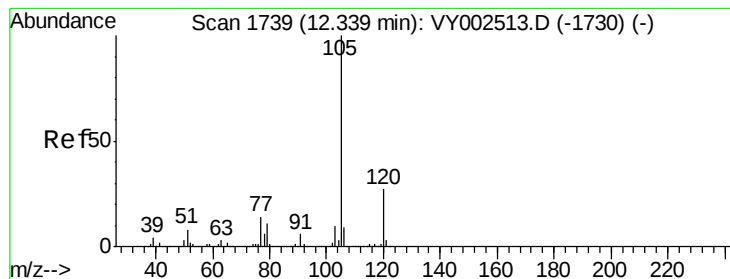
115 55.0 27.5 82.4

150 163.4 0.0 346.4



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: 20.666 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

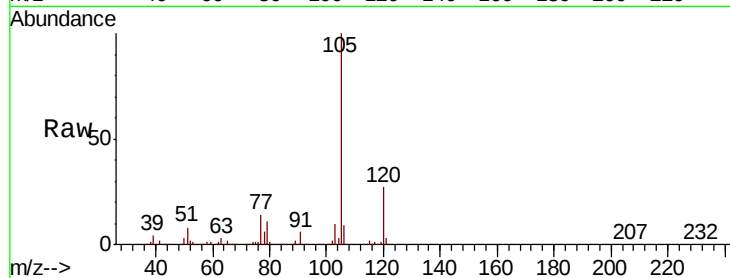
ClientSampleId :

Tot Ion:105 Resp: 330465

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): VY002620.D (-1690) (-)

Ion 120.00 (119.70 to 120.70): VY002620.D (-1690) (-)

250000

200000

150000

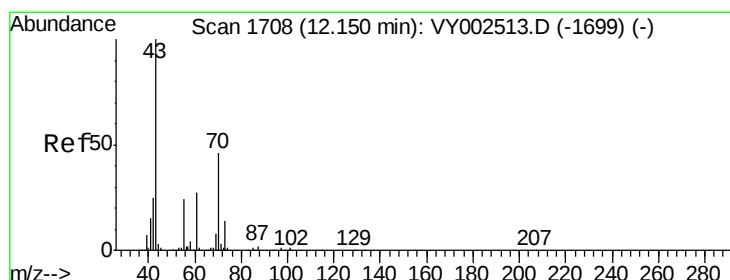
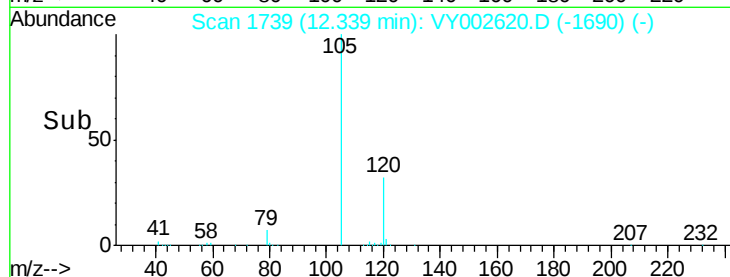
100000

50000

0

12.30 12.34 12.40

Time-->



#74

N-ethyl acetate

Concen: 20.341 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Tgt Ion: 43 Resp: 78245

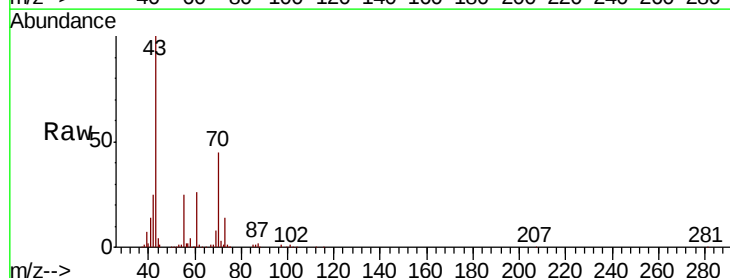
Ion Ratio Lower Upper

43 100

70 47.2 36.7 55.1

55 25.0 19.2 28.8

61 26.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY002620.D (-1659) (-)

Ion 70.00 (69.70 to 70.70): VY002620.D (-1659) (-)

Ion 55.00 (54.70 to 55.70): VY002620.D (-1659) (-)

Ion 61.00 (60.70 to 61.70): VY002620.D (-1659) (-)

80000

60000

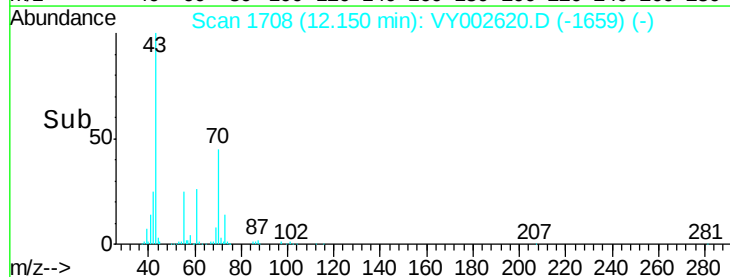
40000

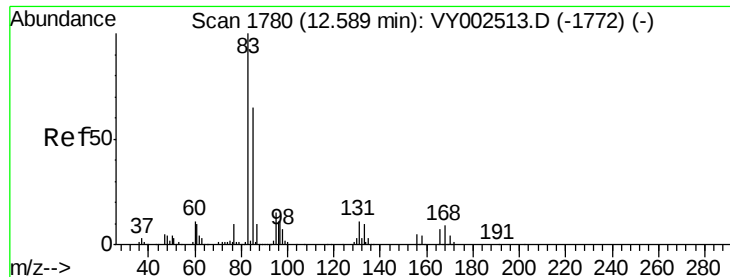
20000

0

12.10 12.15 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.162 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

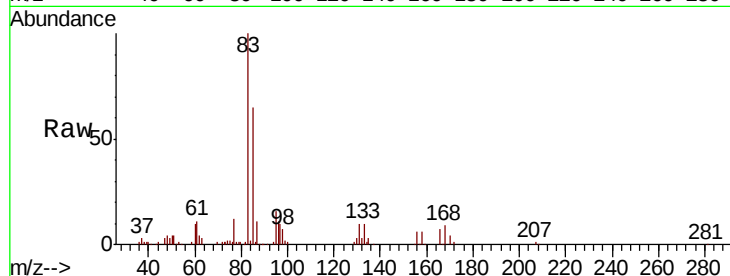
Tot Ion: 83 Resp: 48732

Ion Ratio Lower Upper

83 100

131 12.1 5.9 17.8

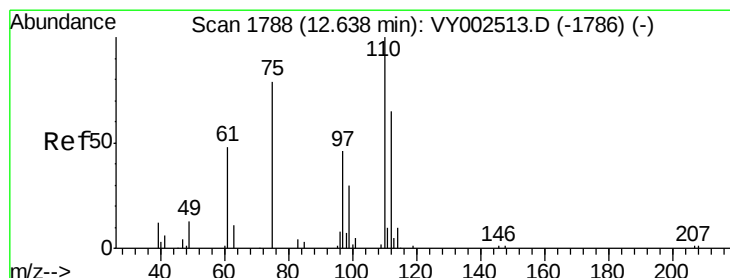
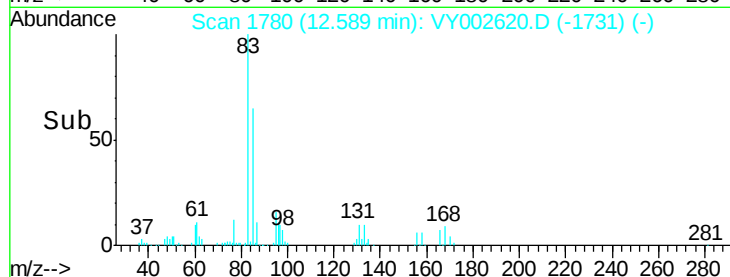
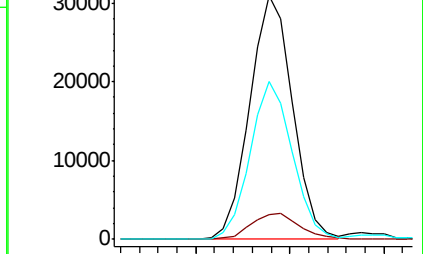
85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002620.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002620.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002620.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 35.777 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002620.D

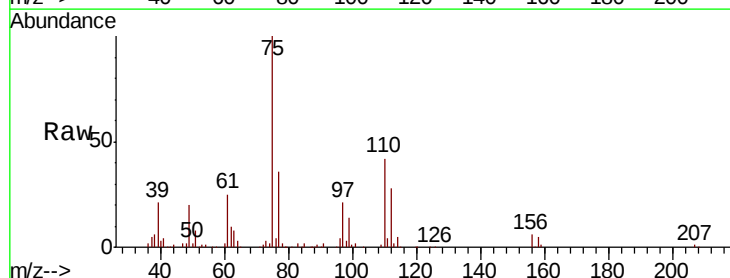
Acq: 07 May 2020 11:03

Tgt Ion: 75 Resp: 78448

Ion Ratio Lower Upper

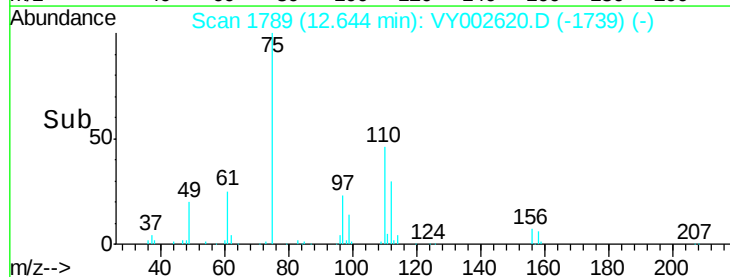
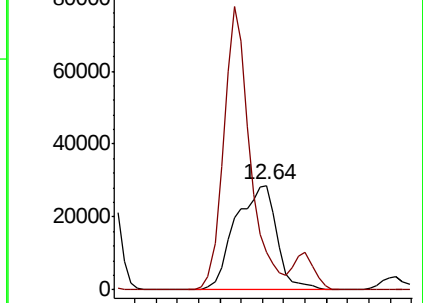
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002620.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002620.D (-1739) (-)





#77

Bromobenzene

Concen: 20.489 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

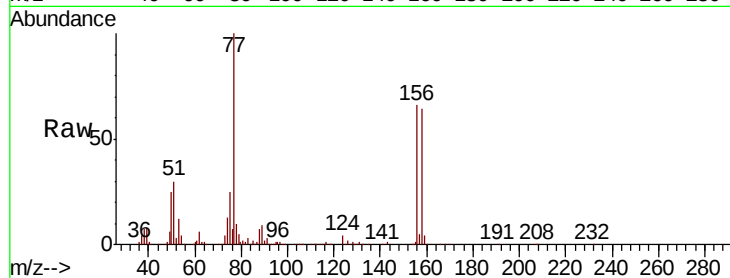
Tot Ion:156 Resp: 81856

Ion Ratio Lower Upper

156 100

77 165.1 82.0 245.8

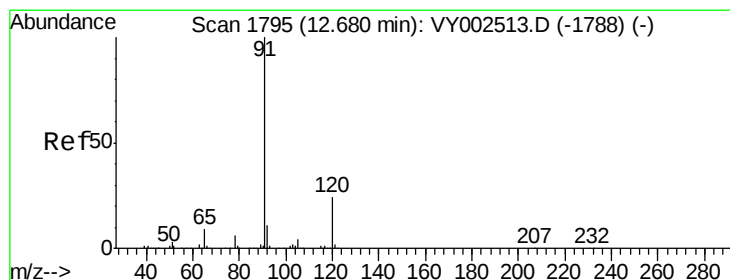
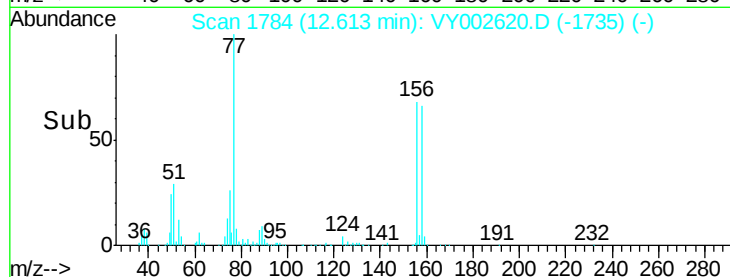
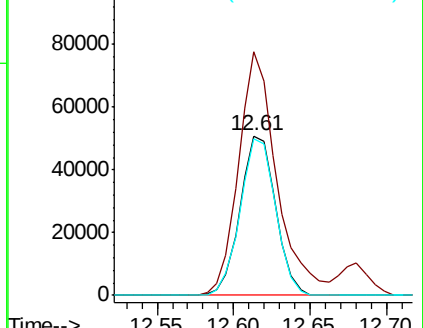
158 97.9 48.5 145.6



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: 20.852 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002620.D

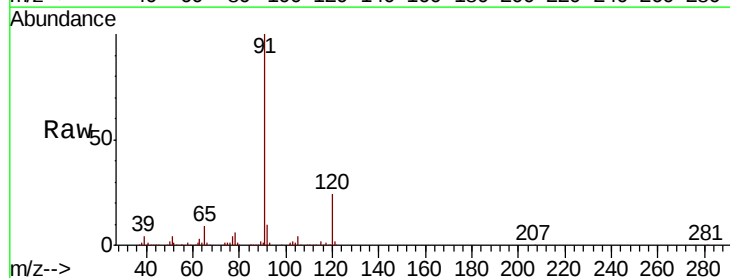
Acq: 07 May 2020 11:03

Tgt Ion: 91 Resp: 386948

Ion Ratio Lower Upper

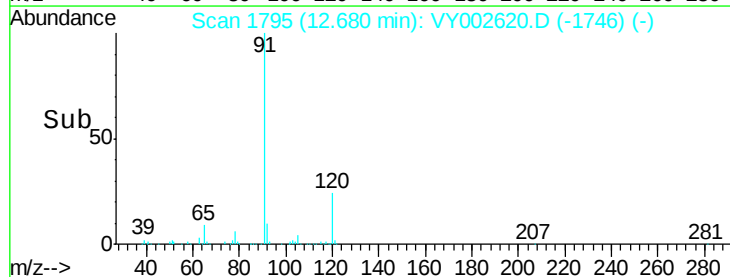
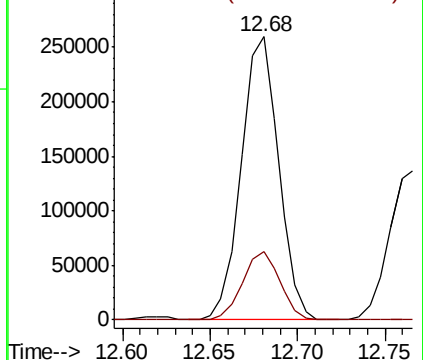
91 100

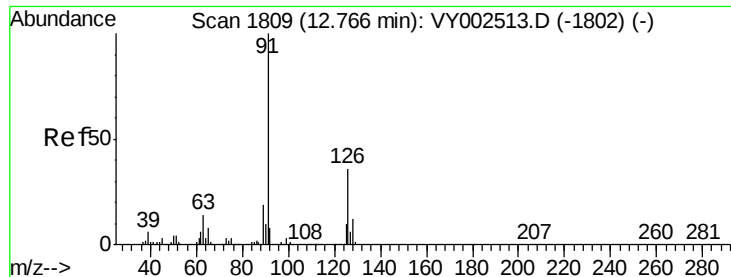
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.636 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

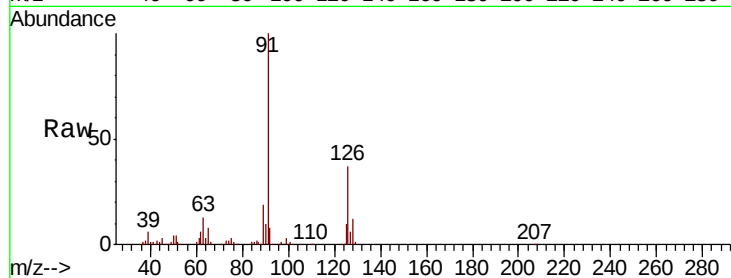
ClientSampleId :

Tot Ion: 91 Resp: 212126

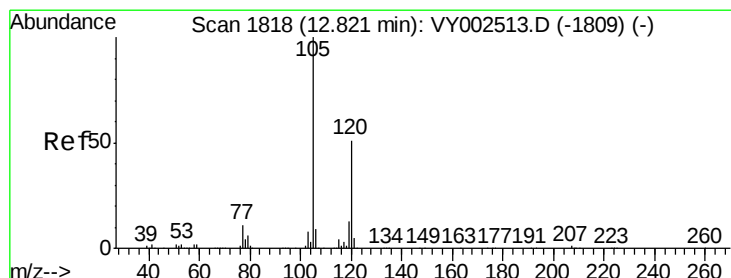
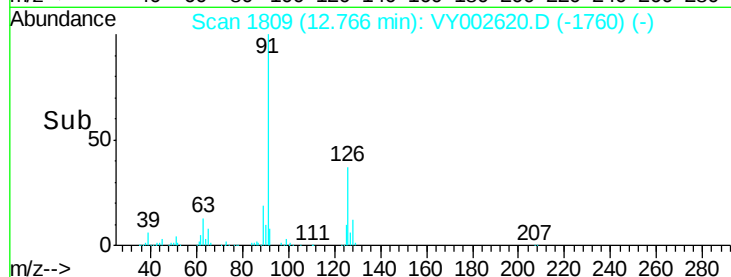
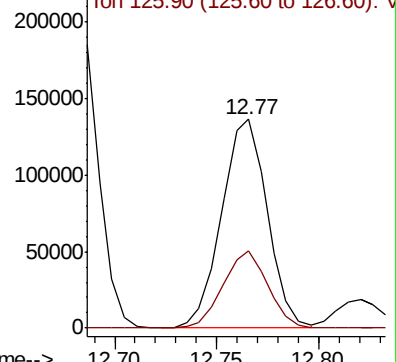
Ion Ratio Lower Upper

91 100

126 36.4 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002620.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002620.D

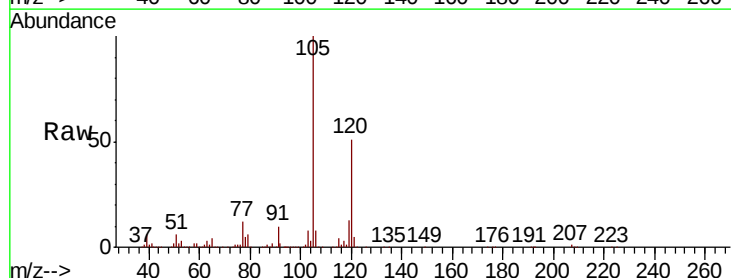
Acq: 07 May 2020 11:03

Tgt Ion:105 Resp: 275528

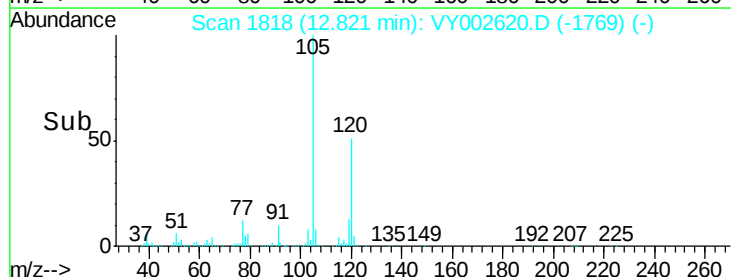
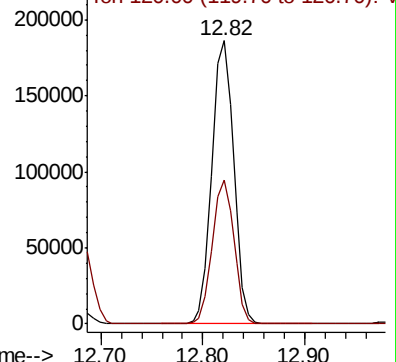
Ion Ratio Lower Upper

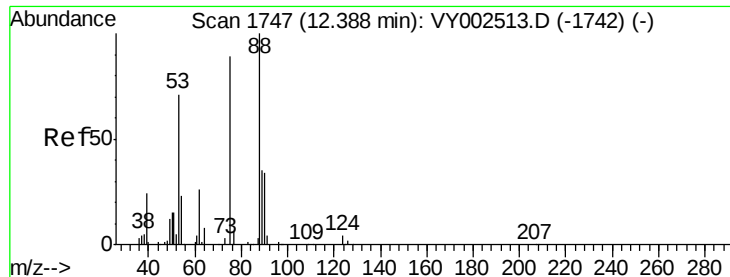
105 100

120 50.4 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002620.D (-1769) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.785 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

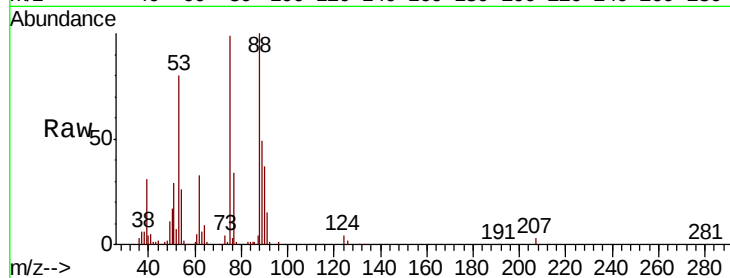
Tot Ion: 75 Resp: 21635

Ion	Ratio	Lower	Upper
75	100		
53	82.0	67.4	101.0
89	37.9	37.4	56.0

75 100

53 82.0 67.4 101.0

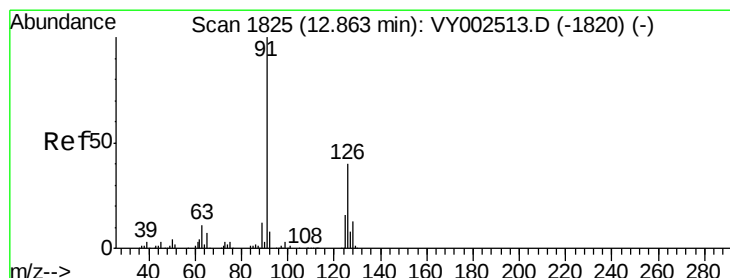
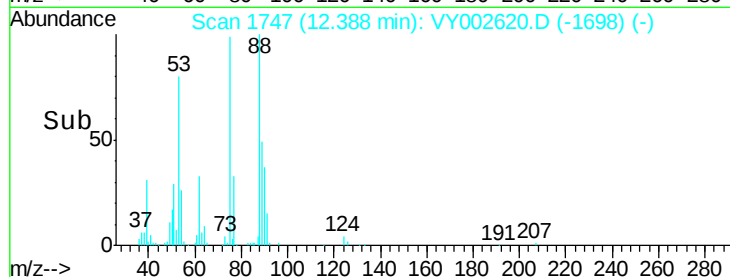
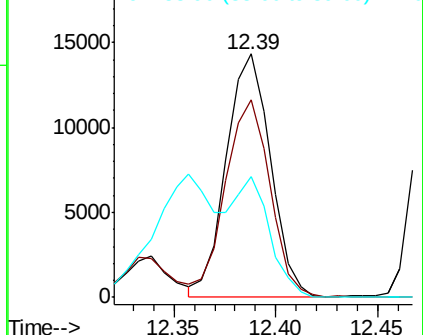
89 37.9 37.4 56.0



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: 20.746 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY002620.D

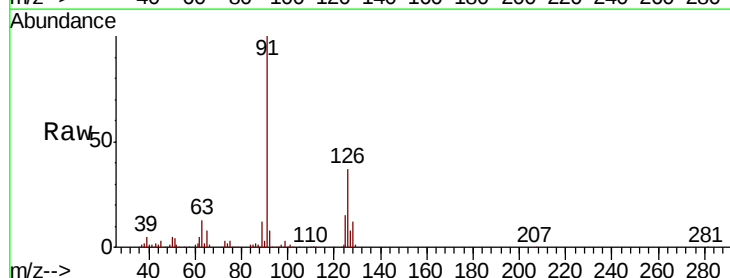
Acq: 07 May 2020 11:03

Tgt Ion: 91 Resp: 224006

Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5

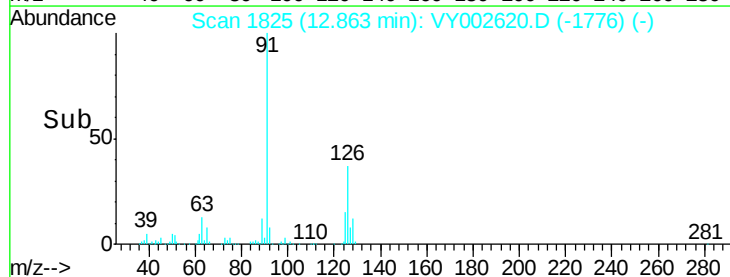
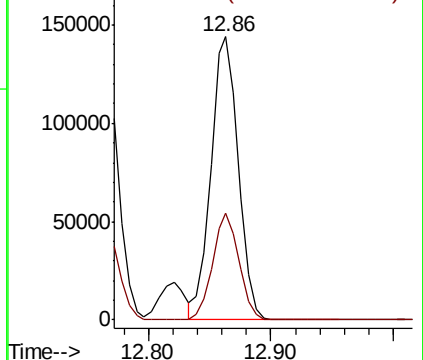
91 100

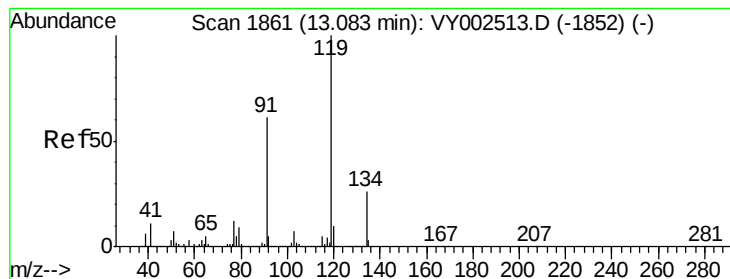
126 36.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.789 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

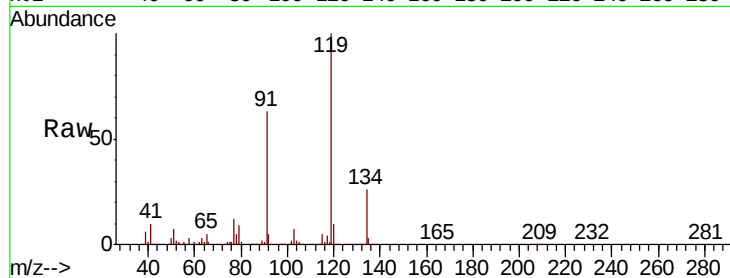
Tot Ion:119 Resp: 241627

Ion Ratio Lower Upper

119 100

91 61.4 30.6 91.6

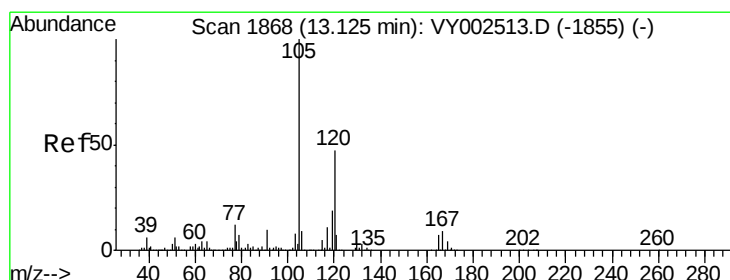
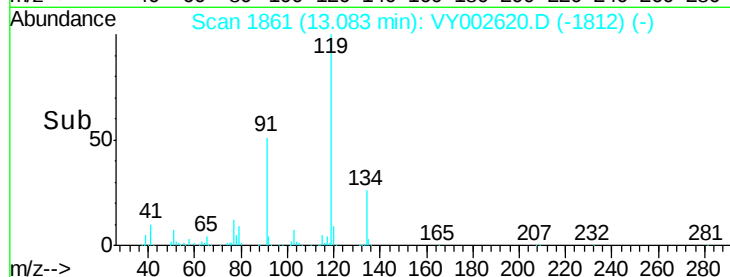
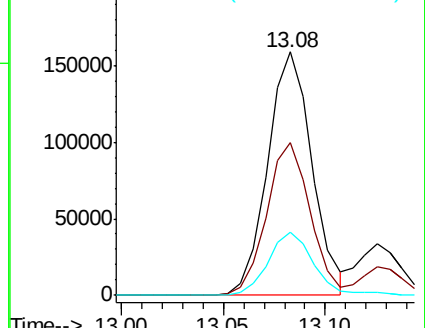
134 26.8 13.5 40.4



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: 20.799 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002620.D

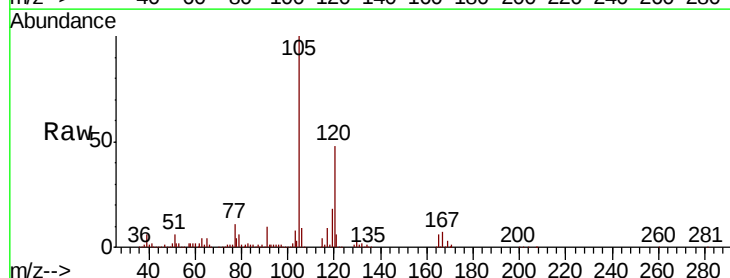
Acq: 07 May 2020 11:03

Tgt Ion:105 Resp: 274759

Ion Ratio Lower Upper

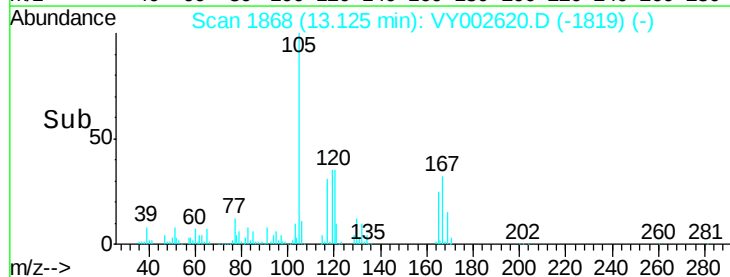
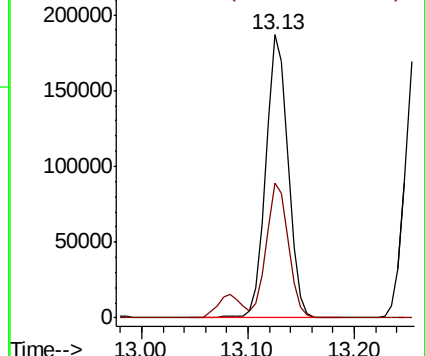
105 100

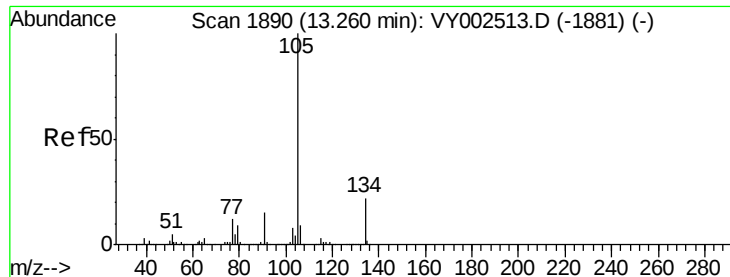
120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.230 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

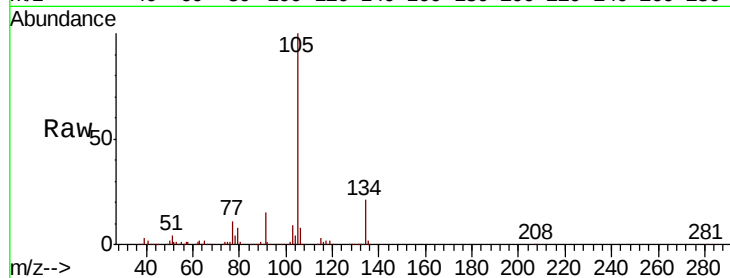
ClientSampled :

Tot Ion:105 Resp: 342389

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

250000

200000

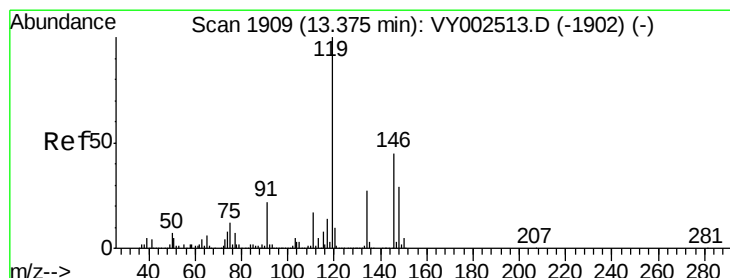
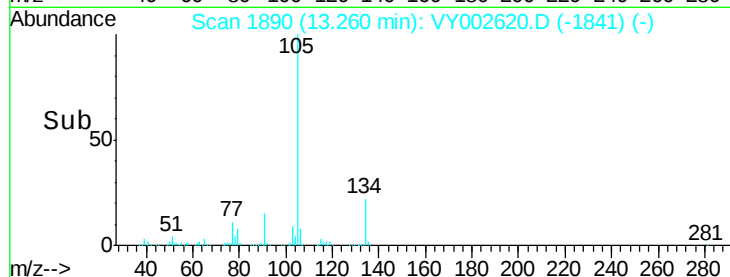
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.002 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

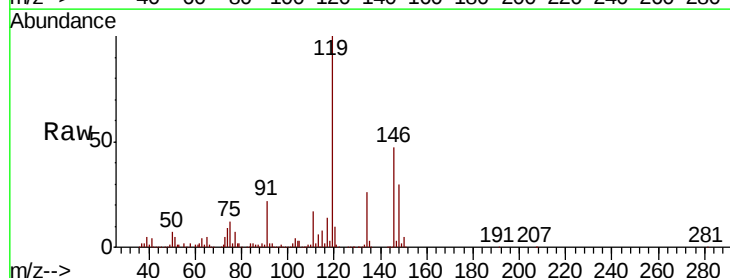
Tgt Ion:119 Resp: 317370

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.3 10.9 32.9



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

300000

250000

200000

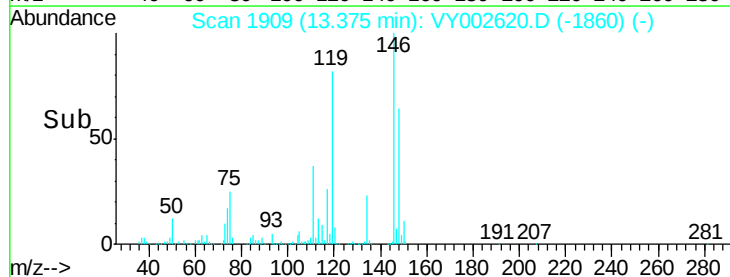
150000

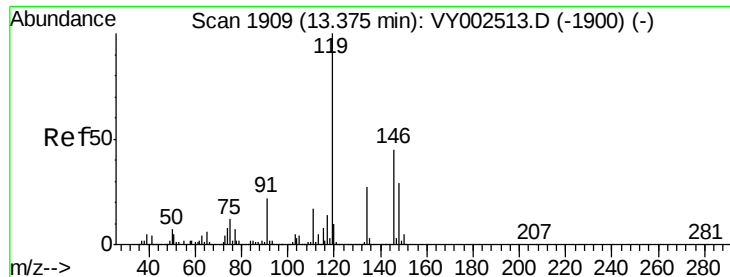
100000

50000

0

Time-->

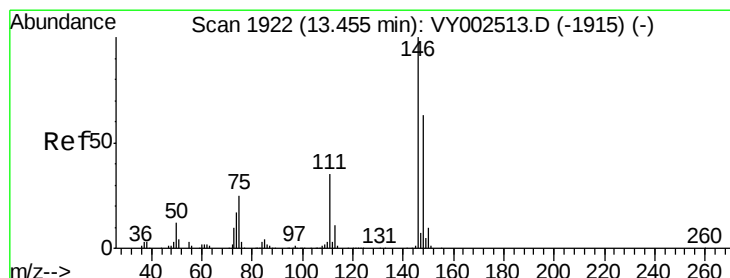
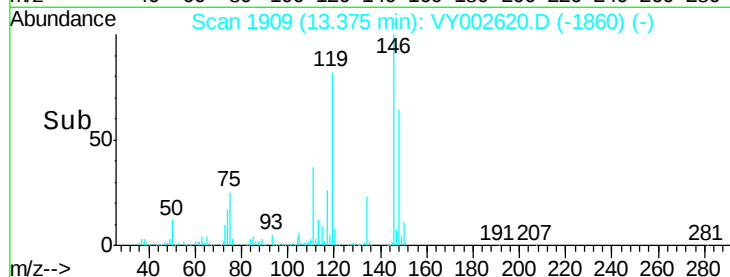
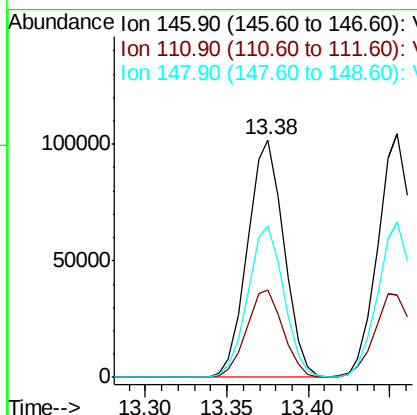
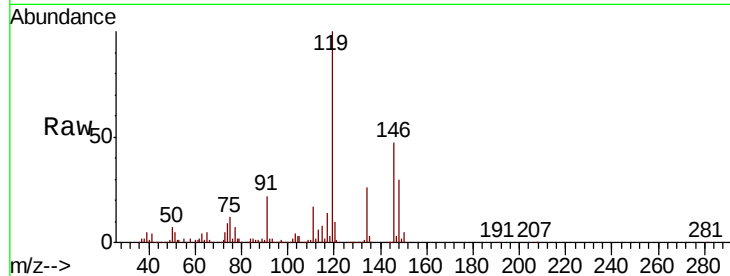




#87
 1,3-Dichlorobenzene
 Concen: 20.980 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

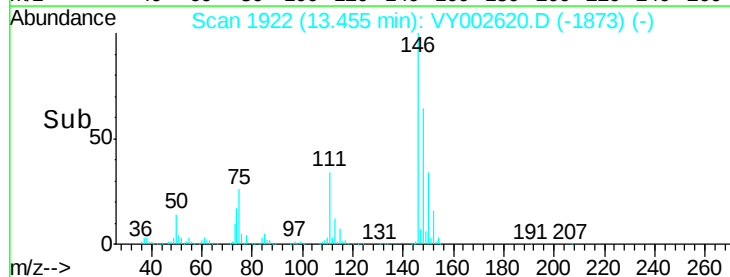
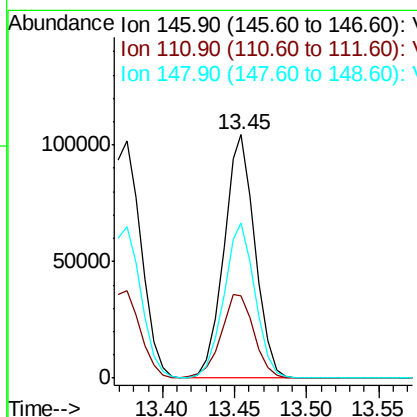
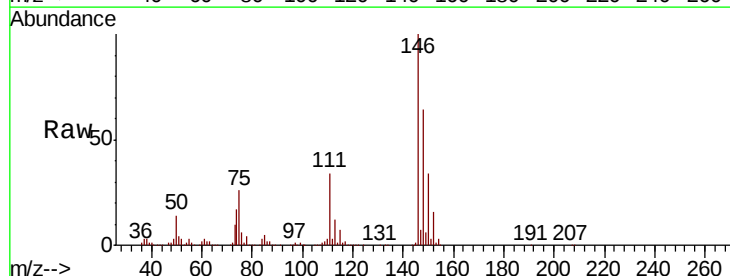
Instrument :
 MSVOA_Y
 ClientSampleId :

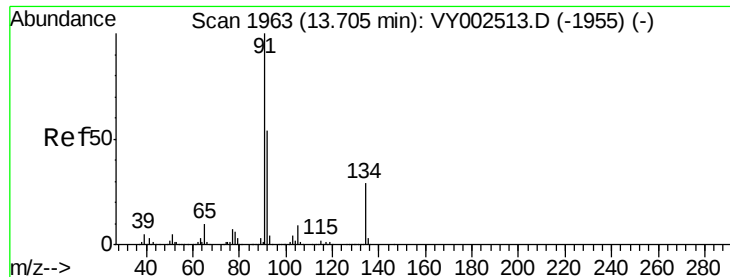
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002620.D
 Acq: 07 May 2020 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.3	31.9	95.5





#89

n-Butylbenzene

Concen: 21.214 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

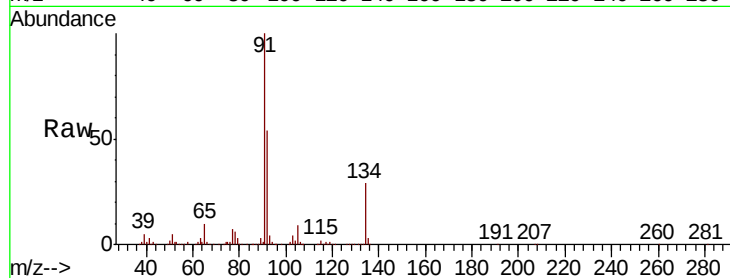
Tot Ion: 91 Resp: 291831

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.3

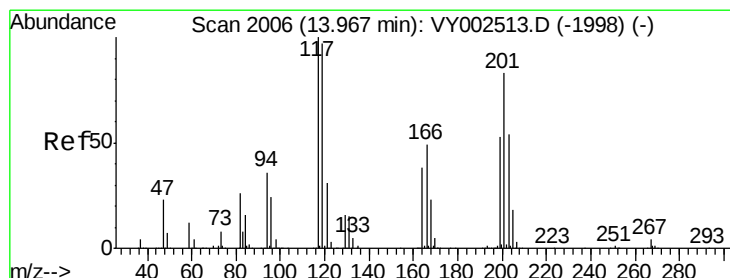
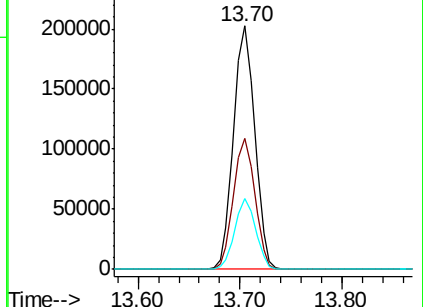
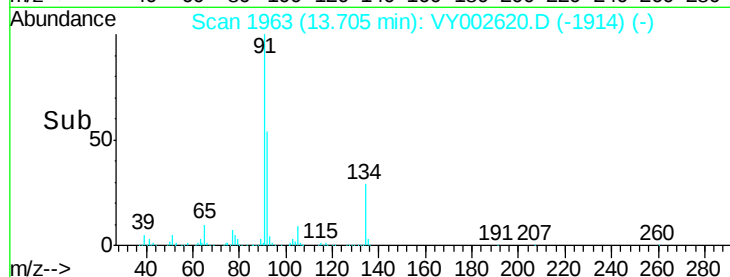
134 28.6 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY002620.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY002620.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002620.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.091 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY002620.D

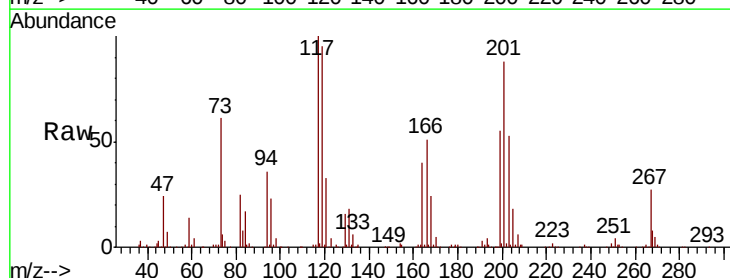
Acq: 07 May 2020 11:03

Tgt Ion: 117 Resp: 58042

Ion Ratio Lower Upper

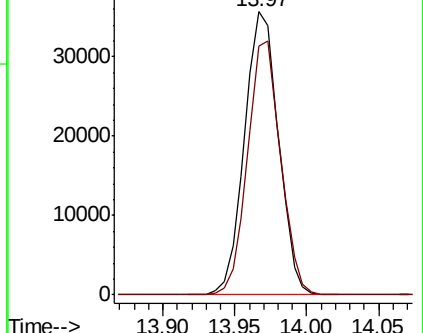
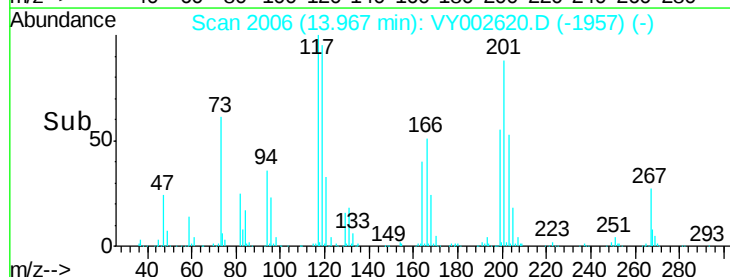
117 100

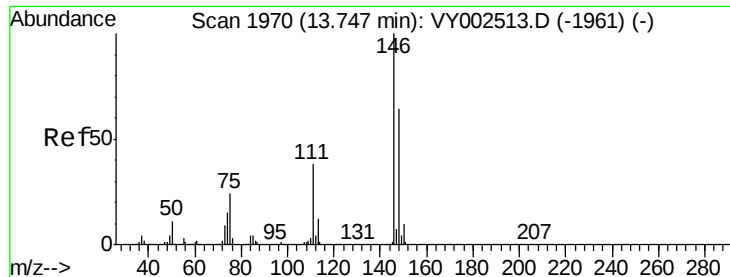
201 87.1 44.4 133.2



Abundance Ion 116.80 (116.50 to 117.50): VY002620.D (-1957) (-)

Ion 200.70 (200.40 to 201.40): VY002620.D (-1957) (-)





#91

1,2-Dichlorobenzene

Concen: 20.913 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

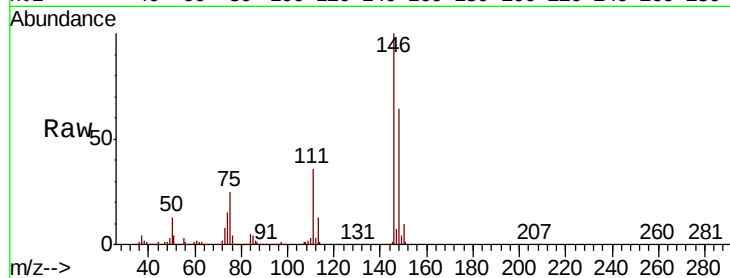
Tot Ion:146 Resp: 141102

Ion Ratio Lower Upper

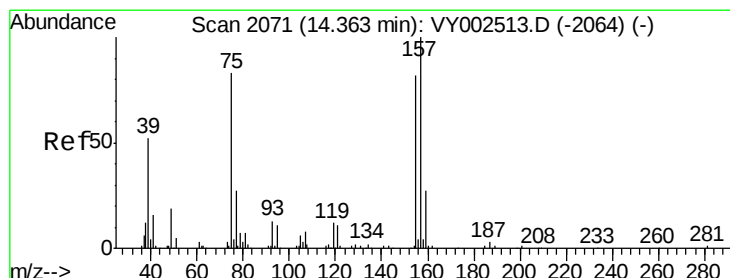
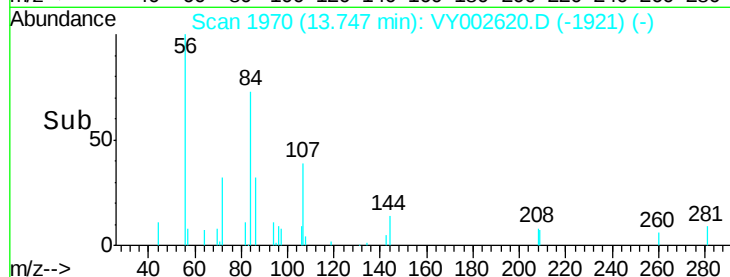
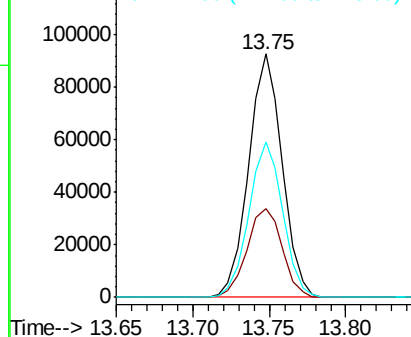
146 100

111 38.4 19.1 57.5

148 64.4 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: 19.151 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

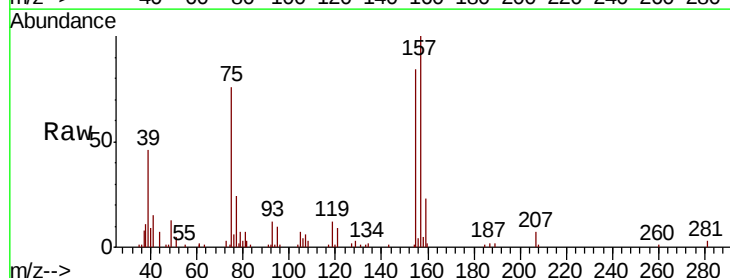
Tgt Ion: 75 Resp: 9079

Ion Ratio Lower Upper

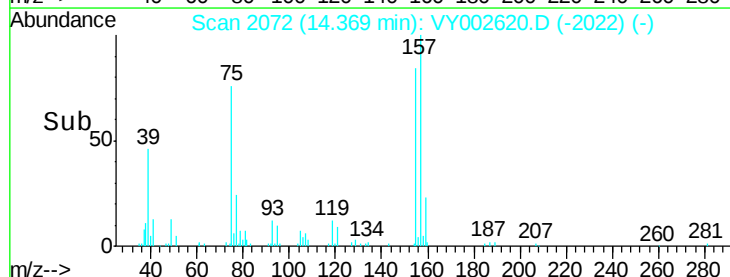
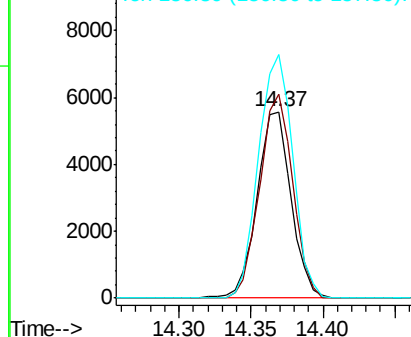
75 100

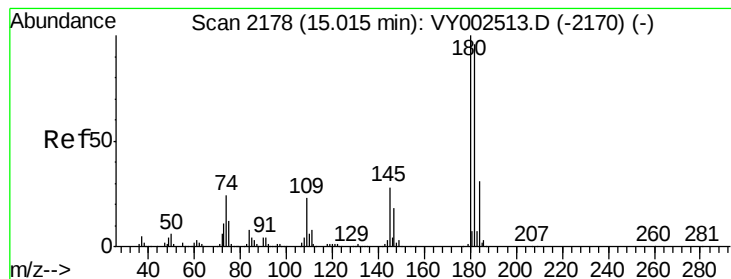
155 106.6 51.3 153.9

157 131.7 65.0 195.0



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: 21.389 ug/l

RT: 15.02 min Scan# 2178

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampleId :

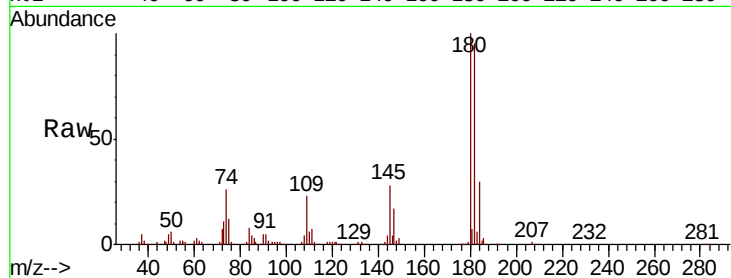
Tot Ion:180 Resp: 104776

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

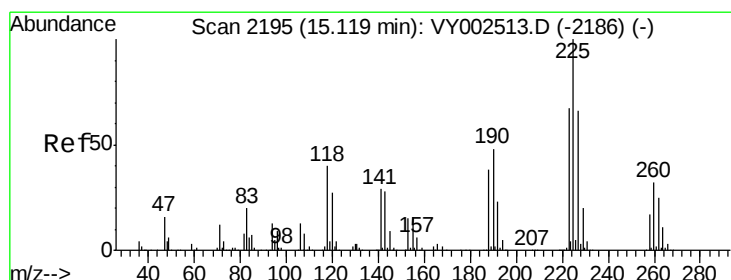
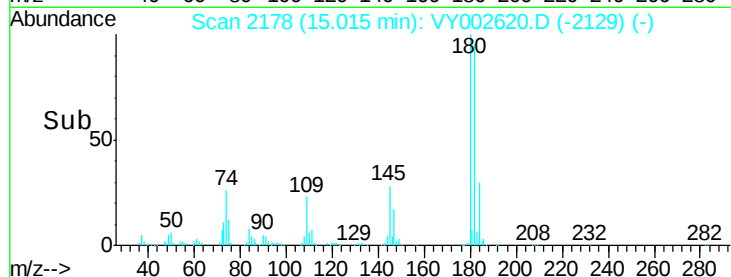
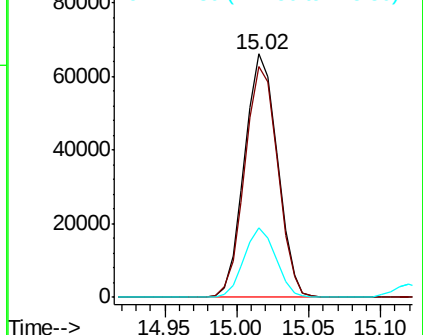
145 27.7 14.4 43.0



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: 21.781 ug/l

RT: 15.13 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

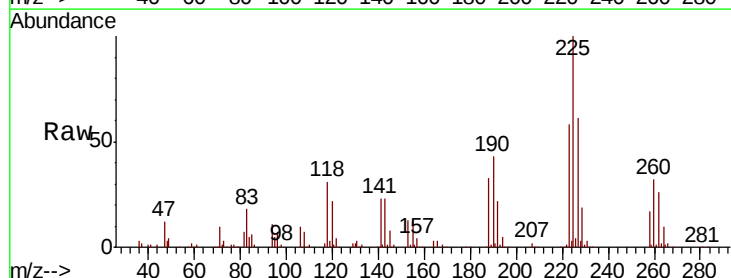
Tgt Ion:225 Resp: 64045

Ion Ratio Lower Upper

225 100

223 61.1 32.1 96.5

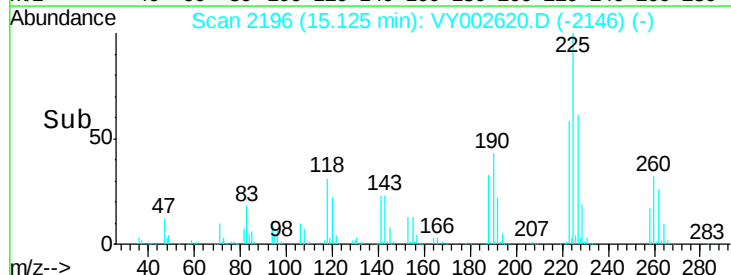
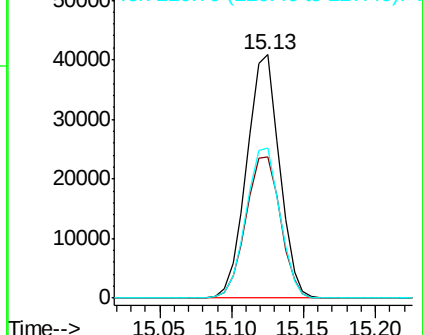
227 63.7 32.0 96.2

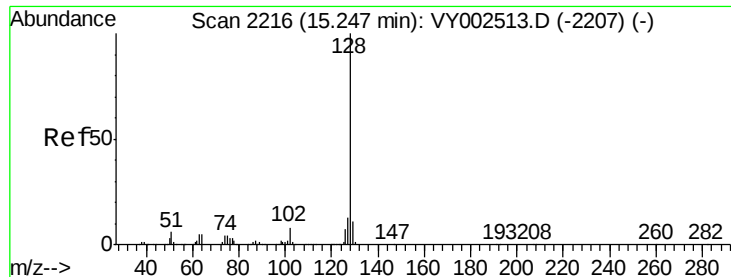


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.155 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

Instrument :

MSVOA_Y

ClientSampled :

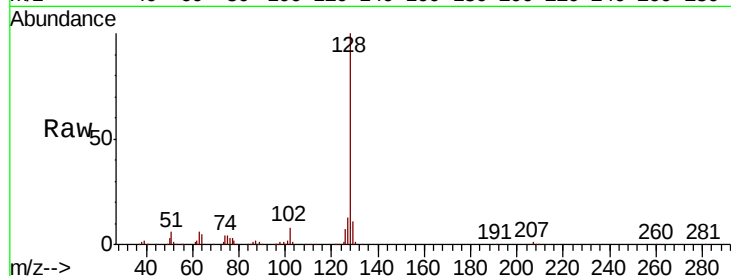
Tot Ion:128 Resp: 180113

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

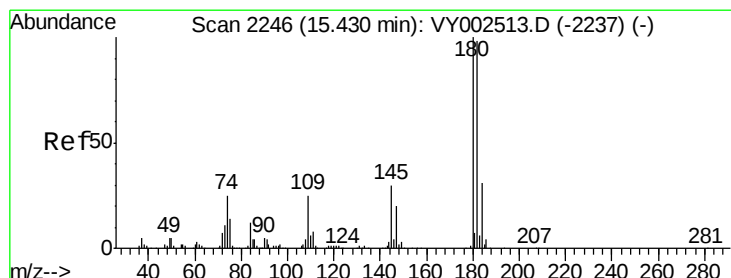
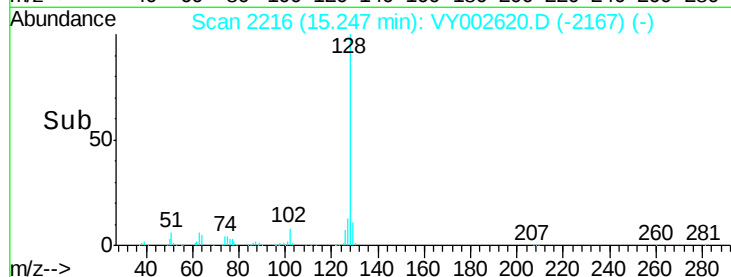
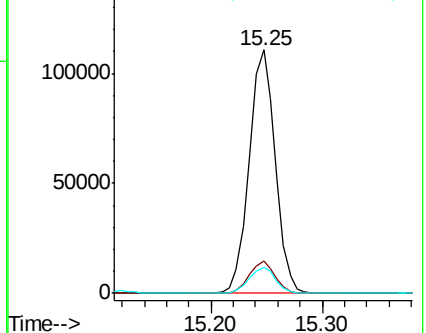
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.694 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002620.D

Acq: 07 May 2020 11:03

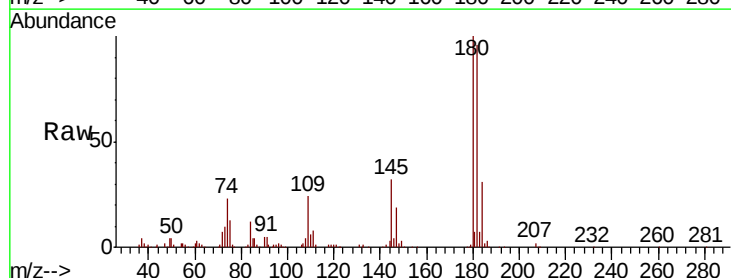
Tgt Ion:180 Resp: 86057

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.6 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

