

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052220\NOT REVIEWED DATA\
 Data File : VY002747.D
 Acq On : 22 May 2020 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 22 19:56:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	349249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	510719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	471842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	137026	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
35) Dibromofluoromethane	7.72	113	143010	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.18	98	579997	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.48	95	196335	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	119562	47.775	ug/l	99
3) Chloromethane	2.12	50	138703	48.394	ug/l	99
4) Vinyl Chloride	2.26	62	152903	51.197	ug/l	100
5) Bromomethane	2.65	94	105981	47.878	ug/l	97
6) Chloroethane	2.80	64	92381	48.371	ug/l	96
7) Trichlorofluoromethane	3.13	101	241675	48.017	ug/l	99
8) Diethyl Ether	3.54	74	84526	49.368	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	148741	48.752	ug/l	99
10) Methyl Iodide	4.10	142	205089	48.836	ug/l	100
11) Tert butyl alcohol	4.96	59	67124	241.942	ug/l	98
12) 1,1-Dichloroethene	3.88	96	149018	48.644	ug/l	98
13) Acrolein	3.74	56	75558	232.197	ug/l	97
14) Allyl chloride	4.49	41	214195	48.703	ug/l	99
15) Acrylonitrile	5.18	53	201406	259.790	ug/l	100
16) Acetone	3.96	43	153999	273.455	ug/l	99
17) Carbon Disulfide	4.20	76	455402	47.393	ug/l	100
18) Methyl Acetate	4.49	43	79990	49.816	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	388130	51.079	ug/l	98
20) Methylene Chloride	4.72	84	159007	46.709	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	164658	48.338	ug/l	98
22) Diisopropyl ether	6.13	45	434726	49.822	ug/l	98
23) Vinyl Acetate	6.07	43	1429072	255.778	ug/l	99
24) 1,1-Dichloroethane	6.03	63	256278	49.153	ug/l	99
25) 2-Butanone	6.99	43	242414	260.164	ug/l	98
26) 2,2-Dichloropropane	6.99	77	236511	48.752	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	182357	49.544	ug/l	99
28) Bromochloromethane	7.34	49	101521	49.220	ug/l	98
29) Tetrahydrofuran	7.35	42	165917	261.710	ug/l	100
30) Chloroform	7.52	83	268100	49.544	ug/l	97
31) Cyclohexane	7.79	56	249584	47.197	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	248972	49.793	ug/l	100
36) 1,1-Dichloropropene	7.93	75	216536	50.084	ug/l	100
37) Ethyl Acetate	7.08	43	108695	51.115	ug/l	99
38) Carbon Tetrachloride	7.91	117	234713	50.512	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	288735	49.667	ug/l	98
40) Benzene	8.17	78	634576	50.303	ug/l	98
41) Methacrylonitrile	7.35	41	150410	117.729	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	168647	50.688	ug/l	99
43) Isopropyl Acetate	8.28	43	210925	53.372	ug/l	100
44) Trichloroethene	8.94	130	201928	50.217	ug/l	97
45) 1,2-Dichloropropane	9.22	63	150031	50.111	ug/l	96
46) Dibromomethane	9.31	93	85616	50.898	ug/l	99
47) Bromodichloromethane	9.50	83	208987	50.907	ug/l	100
48) Methyl methacrylate	9.30	41	96546	53.059	ug/l	99
49) 1,4-Dioxane	9.30	88	24199	1056.276	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	552309	270.688	ug/l	100
52) Toluene	10.24	92	411906	50.455	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	228920	52.244	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	260275	51.238	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	130581	52.143	ug/l	98
56) Ethyl methacrylate	10.51	69	180764	54.220	ug/l	99
57) 1,3-Dichloropropane	10.79	76	216951	51.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	413441	251.200	ug/l	100
59) 2-Hexanone	10.83	43	390334	274.586	ug/l	99
60) Dibromochloromethane	10.99	129	168905	52.794	ug/l	100
61) 1,2-Dibromoethane	11.09	107	127966	51.865	ug/l	99
64) Tetrachloroethene	10.72	164	224536	50.125	ug/l	100
65) Chlorobenzene	11.52	112	458834	50.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	172400	50.947	ug/l	100
67) Ethyl Benzene	11.60	91	807941	50.468	ug/l	100
68) m/p-Xylenes	11.70	106	628549	100.918	ug/l	99
69) o-Xylene	12.03	106	296111	50.654	ug/l	98
70) Styrene	12.05	104	509064	50.720	ug/l	100
71) Bromoform	12.21	173	111122	53.124	ug/l #	100
73) Isopropylbenzene	12.33	105	807781	50.318	ug/l	100
74) N-amyl acetate	12.14	43	197872	52.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125112	52.924	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	201136	99.660	ug/l #	100
77) Bromobenzene	12.61	156	202514	50.458	ug/l	100
78) n-propylbenzene	12.67	91	940629	50.368	ug/l	99
79) 2-Chlorotoluene	12.76	91	517211	49.933	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	673048	49.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58036	54.383	ug/l #	53
82) 4-Chlorotoluene	12.86	91	544839	50.216	ug/l	99
83) tert-Butylbenzene	13.08	119	591484	49.546	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	677292	50.241	ug/l	100
85) sec-Butylbenzene	13.25	105	824060	50.024	ug/l	100
86) p-Isopropyltoluene	13.37	119	773392	50.156	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	384477	49.684	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	382865	49.696	ug/l	99
89) n-Butylbenzene	13.70	91	697408	49.251	ug/l	100
90) Hexachloroethane	13.96	117	141867	49.673	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	341687	49.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24136	53.240	ug/l	96

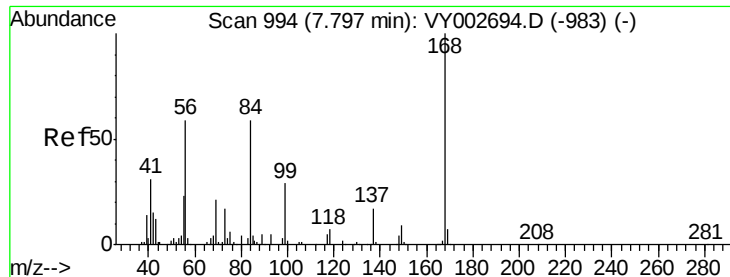
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	250028	49.999	ug/l	100
94) Hexachlorobutadiene	15.11	225	148338	49.664	ug/l	100
95) Naphthalene	15.23	128	457217	47.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212398	49.878	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

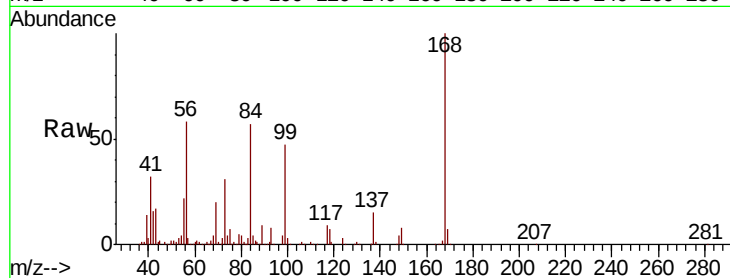
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 349249

Ion Ratio Lower Upper

168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002747.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002747.D (-945) (-)

7.80

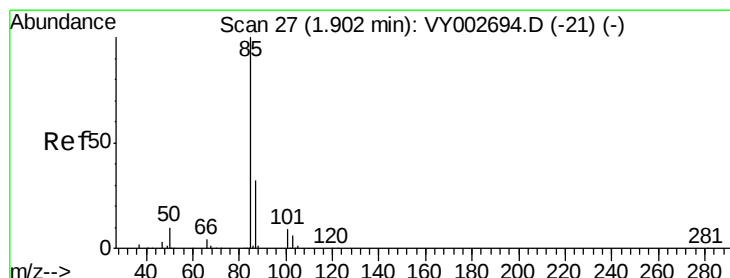
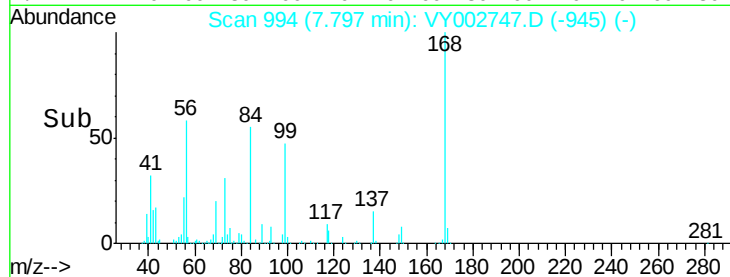
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.775 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002747.D

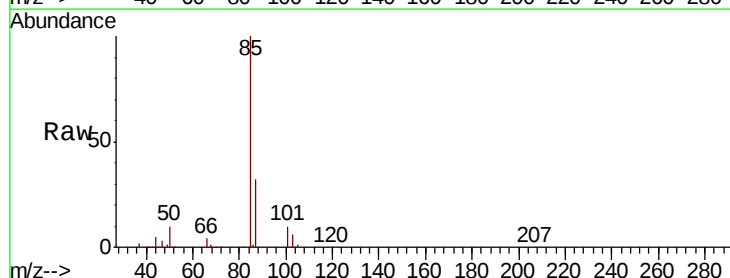
Acq: 22 May 2020 09:55

Tgt Ion: 85 Resp: 119562

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002747.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002747.D (-1) (-)

1.91

100000

80000

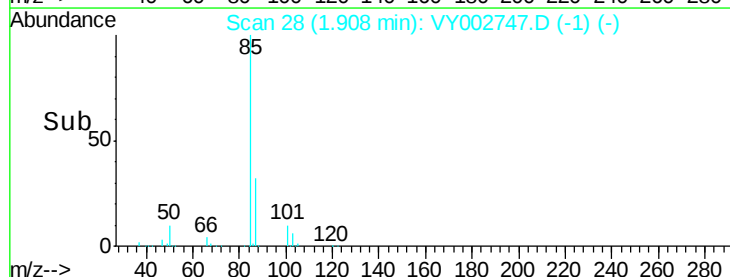
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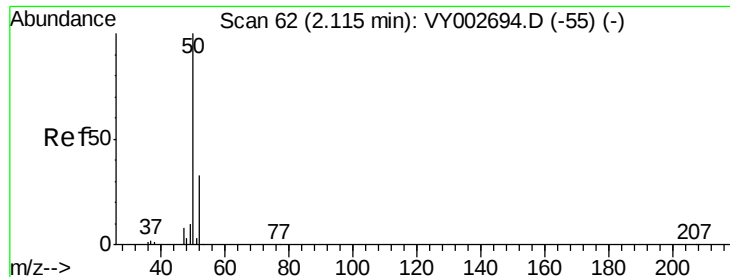
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.394 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

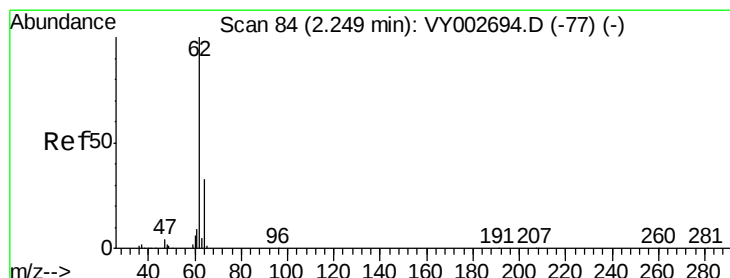
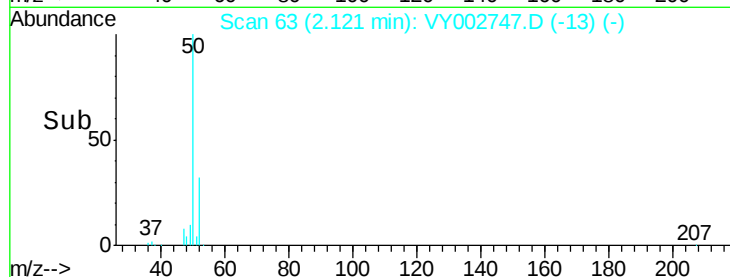
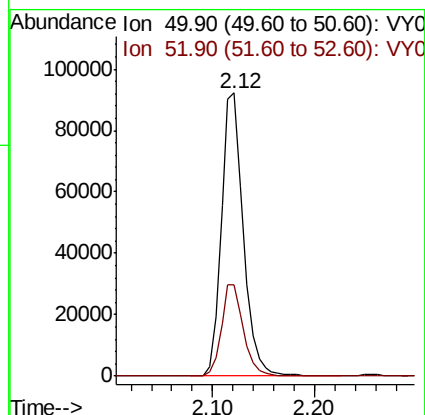
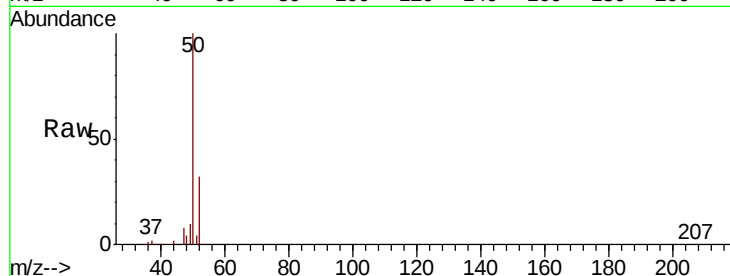
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 138703

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



#4

Vinyl Chloride

Concen: 51.197 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002747.D

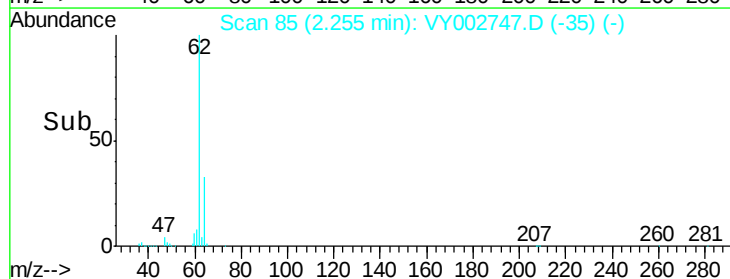
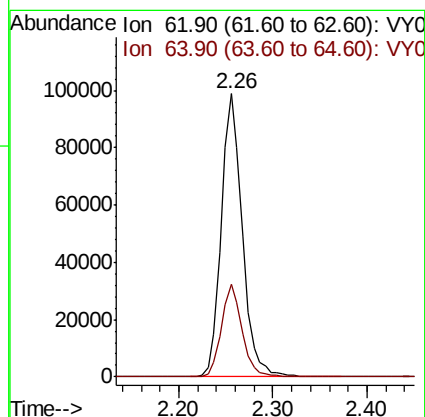
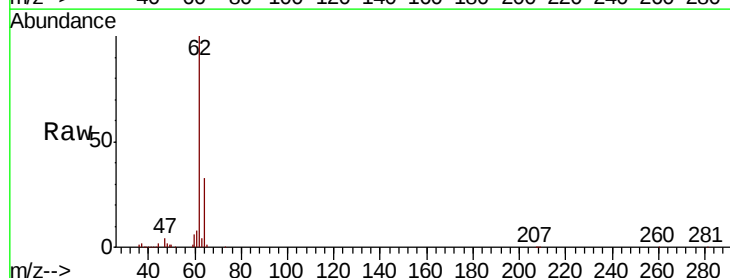
Acq: 22 May 2020 09:55

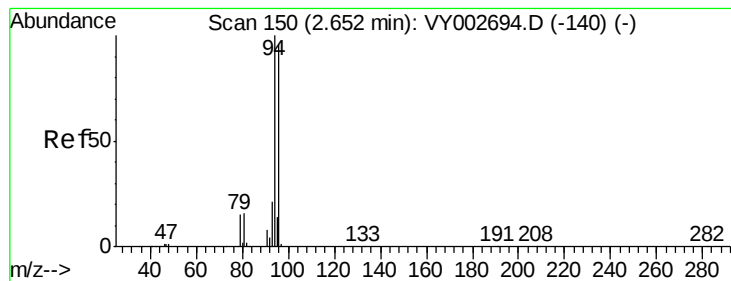
Tgt Ion: 62 Resp: 152903

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.4





#5

Bromomethane

Concen: 47.878 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

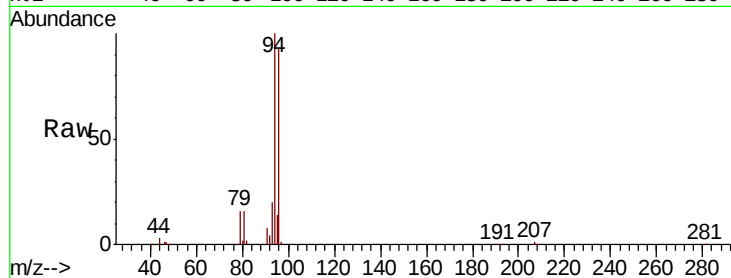
ClientSampleId :

Tot Ion: 94 Resp: 105981

Ion Ratio Lower Upper

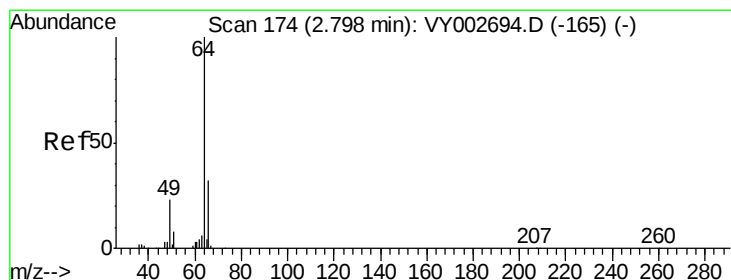
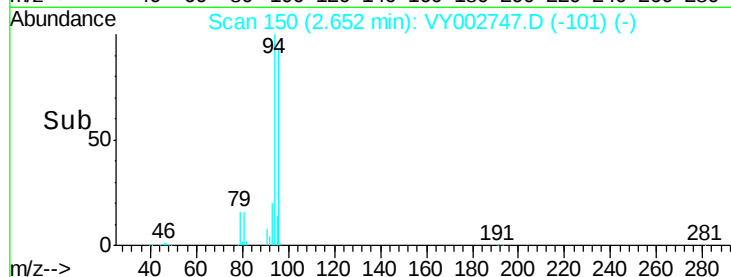
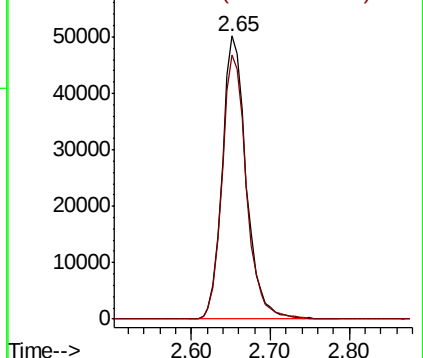
94 100

96 93.3 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.371 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002747.D

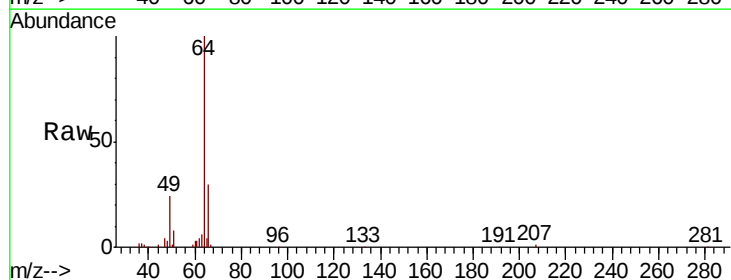
Acq: 22 May 2020 09:55

Tgt Ion: 64 Resp: 92381

Ion Ratio Lower Upper

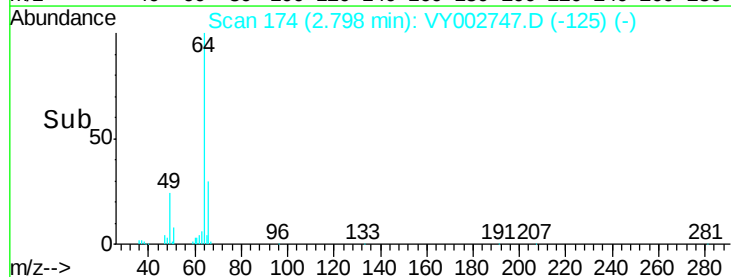
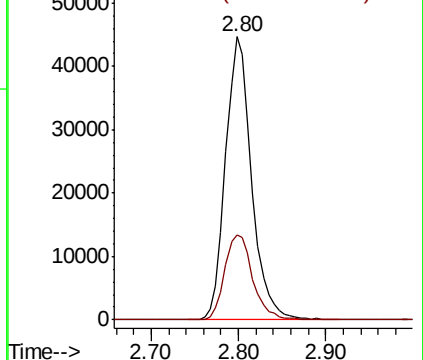
64 100

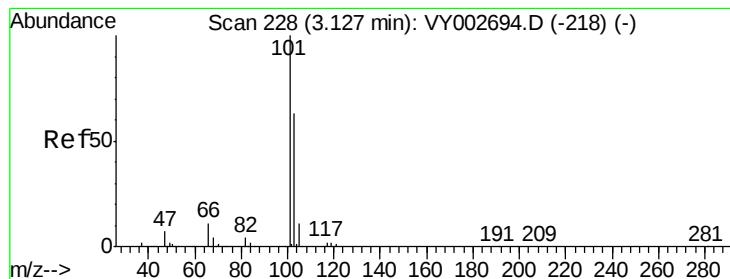
66 30.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



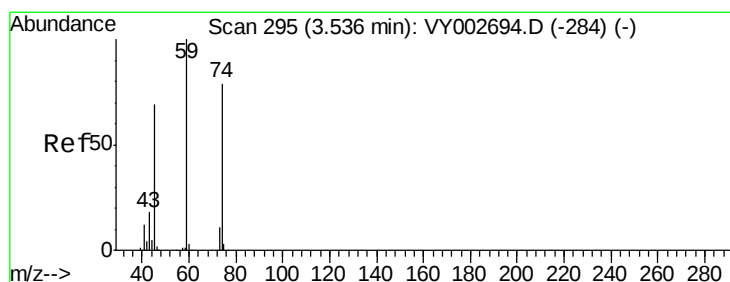
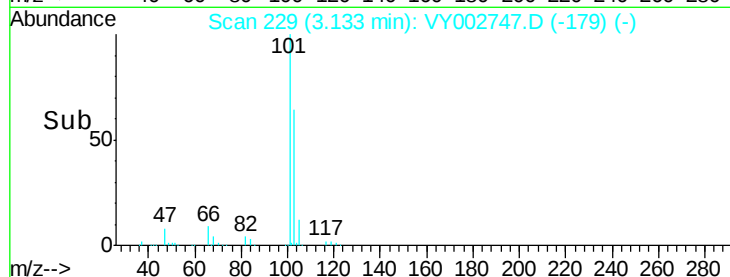
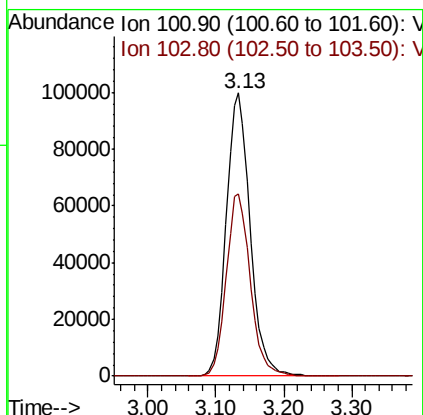
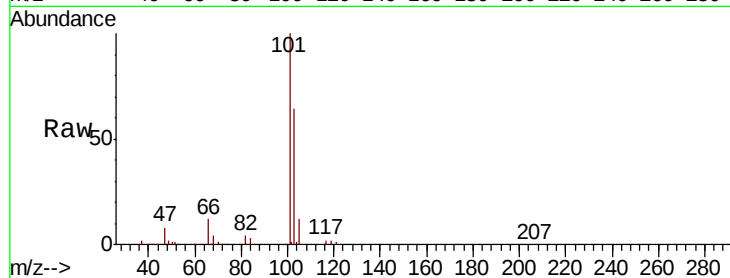


#7

Trichlorofluoromethane
Concen: 48.017 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :

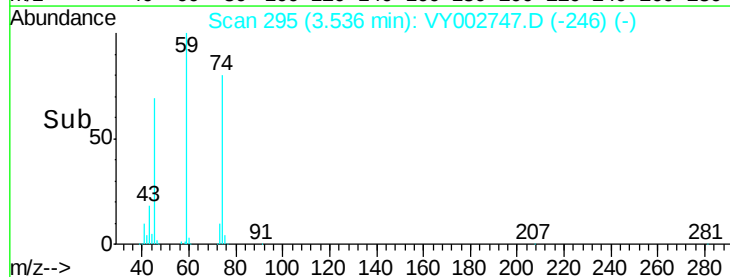
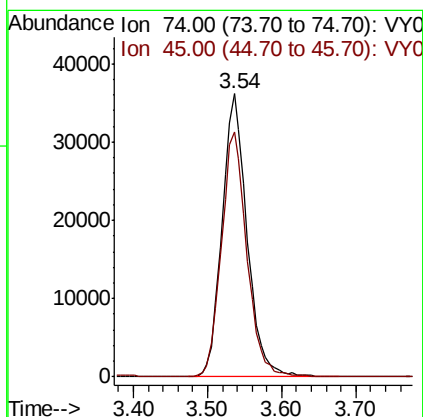
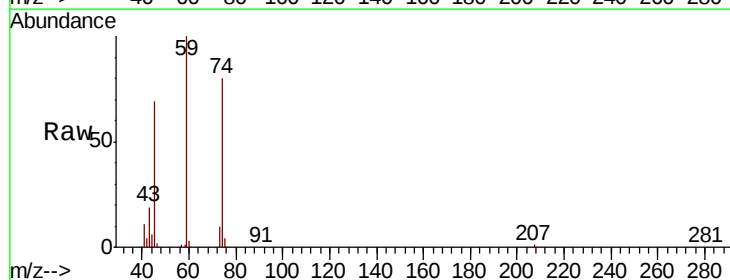
Tot Ion:101 Resp: 241675
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

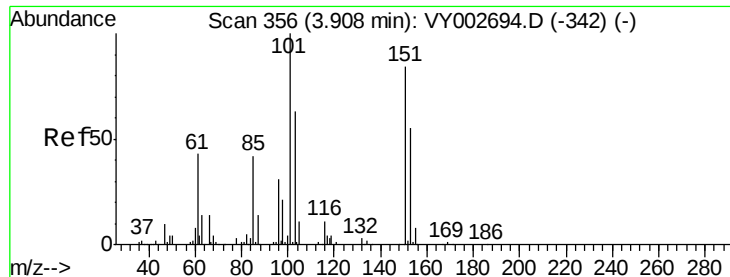


#8

Diethyl Ether
Concen: 49.368 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 74 Resp: 84526
Ion Ratio Lower Upper
74 100
45 87.9 43.8 131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.752 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

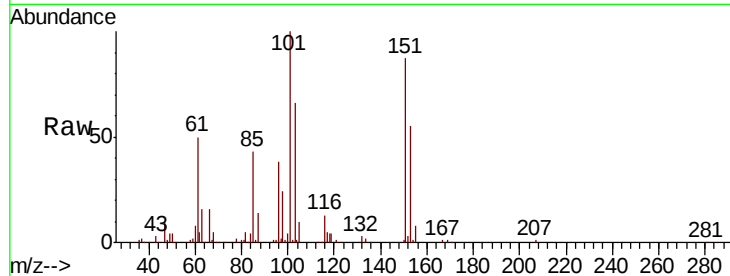
Tot Ion:101 Resp: 148741

Ion Ratio Lower Upper

101 100

85 41.8 33.5 50.3

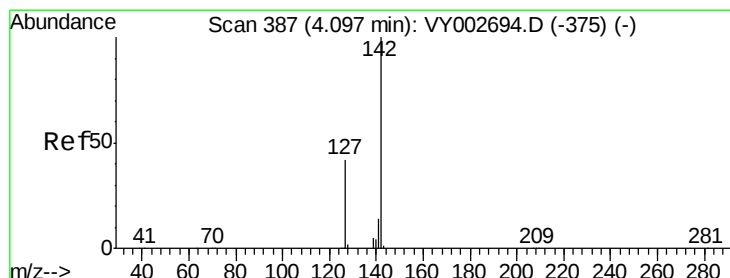
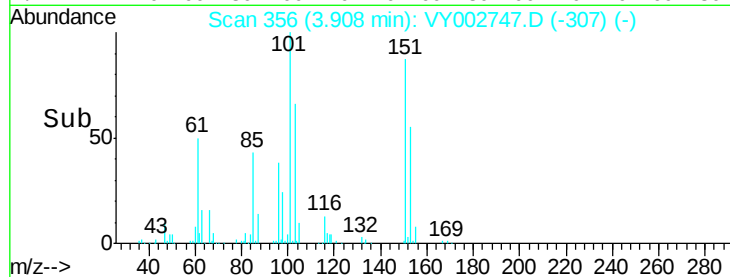
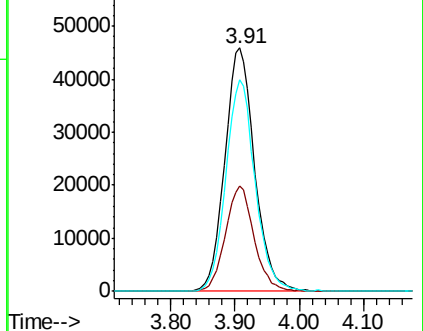
151 85.4 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.836 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

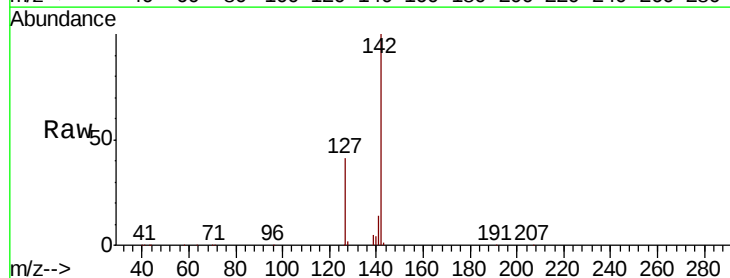
Tgt Ion:142 Resp: 205089

Ion Ratio Lower Upper

142 100

127 41.2 32.8 49.2

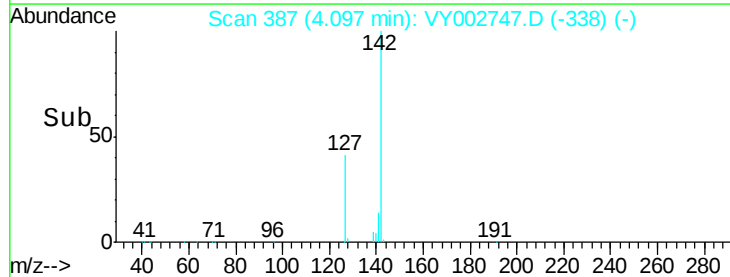
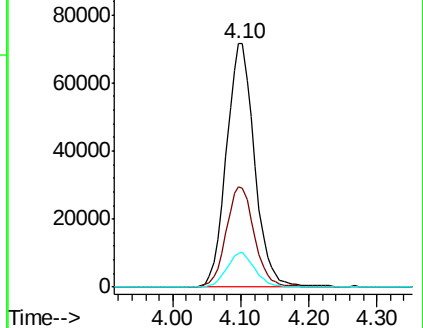
141 14.1 11.3 16.9

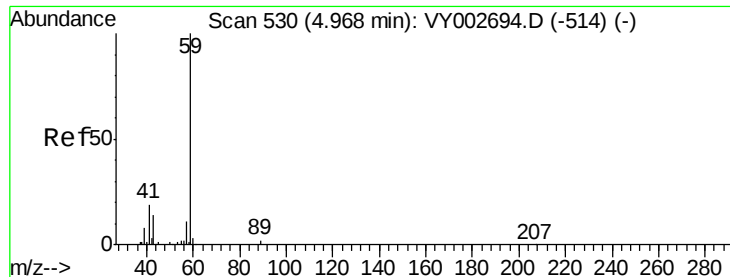


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



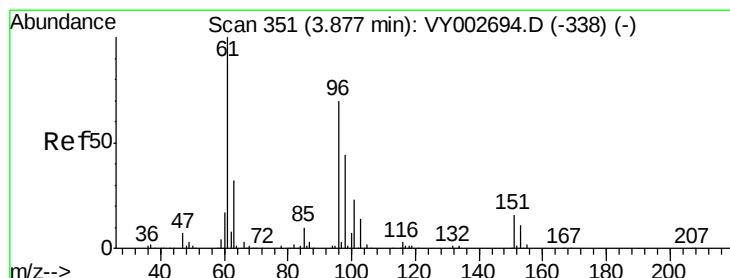
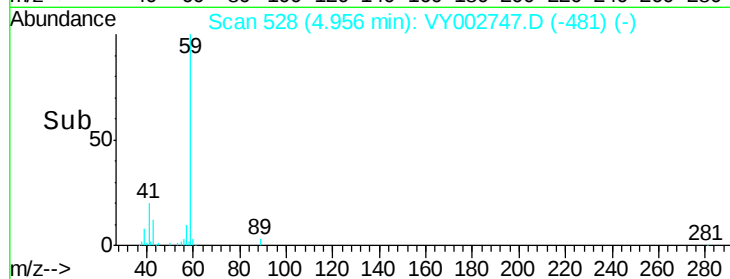
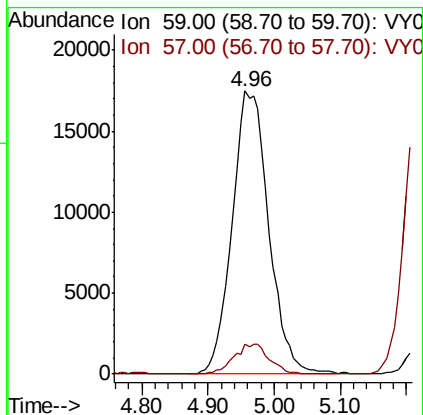
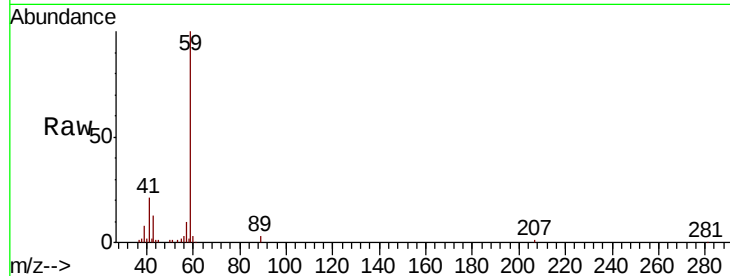


#11

Tert butyl alcohol
 Concen: 241.942 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Instrument :
 MSVOA_Y
 ClientSampleId :

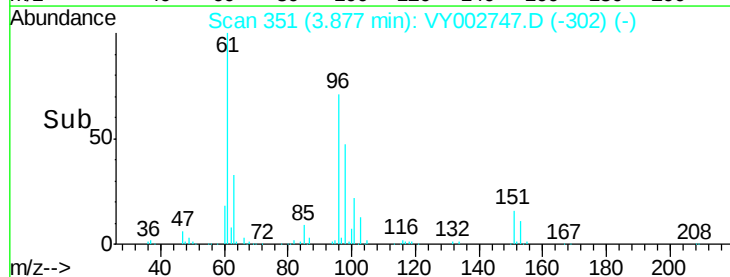
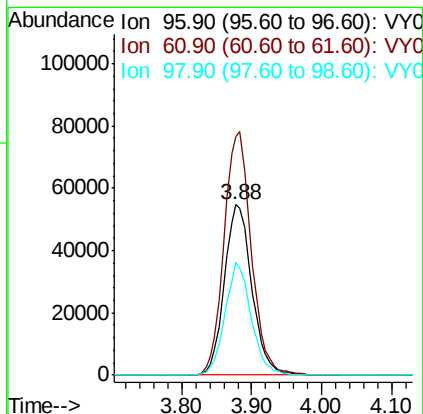
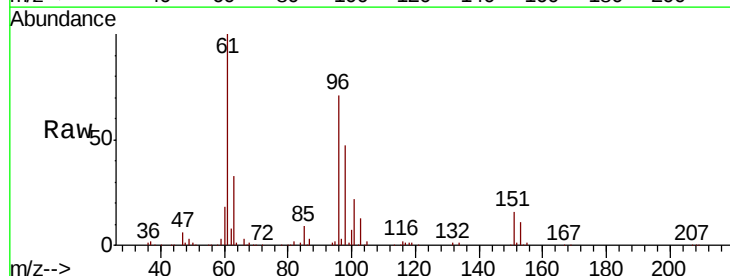
Tot Ion: 59 Resp: 67124
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.7 11.5

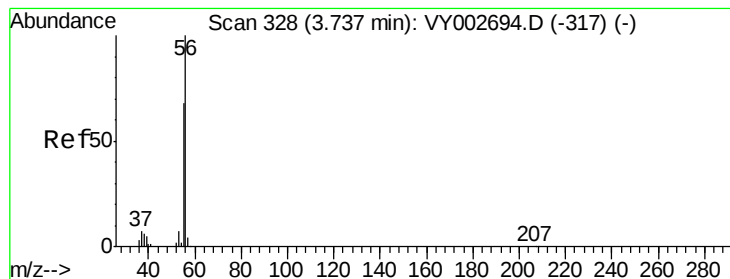


#12

1,1-Dichloroethene
 Concen: 48.644 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion: 96 Resp: 149018
 Ion Ratio Lower Upper
 96 100
 61 140.6 113.8 170.8
 98 66.6 50.4 75.6





#13

Acrolein

Concen: 232.197 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

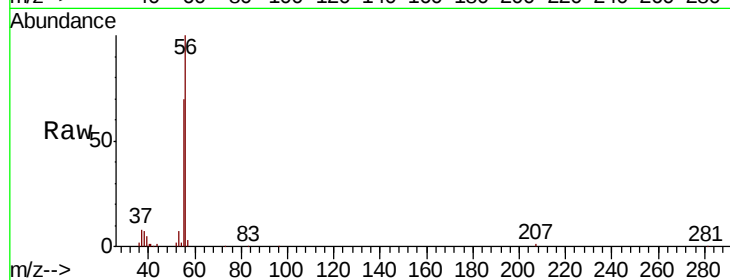
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 75558

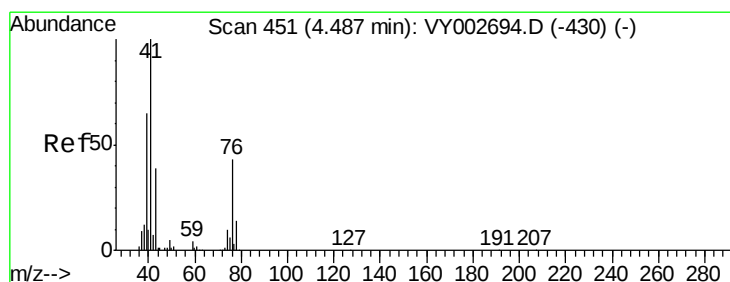
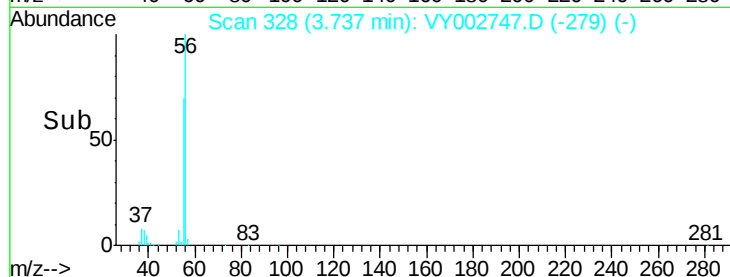
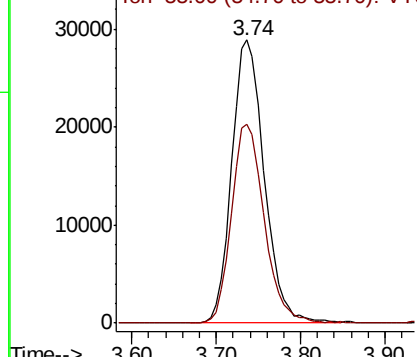
Ion Ratio Lower Upper

56 100

55 70.6 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 48.703 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

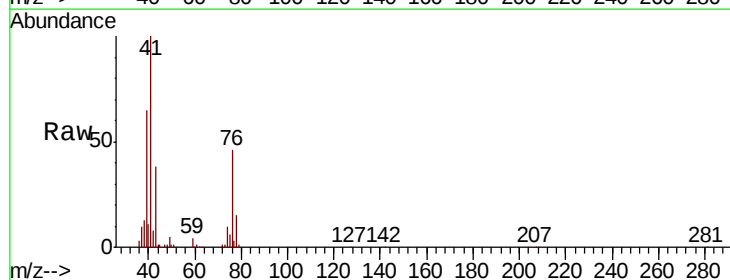
Tgt Ion: 41 Resp: 214195

Ion Ratio Lower Upper

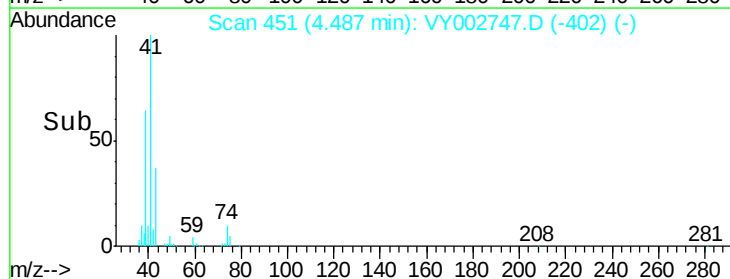
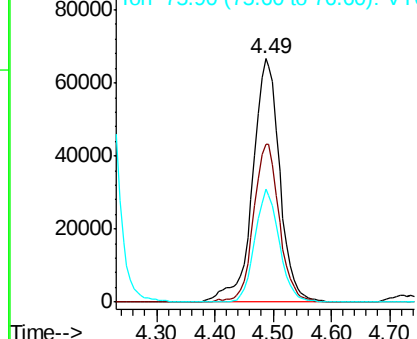
41 100

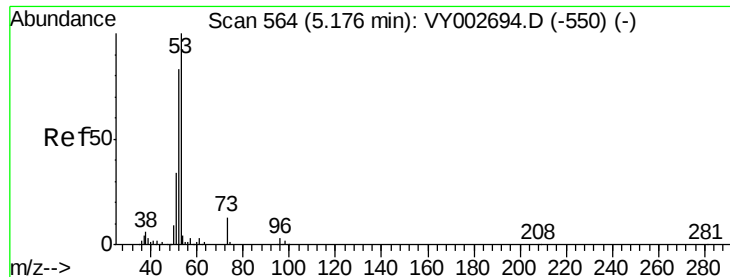
39 61.9 50.3 75.5

76 41.9 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 259.790 ug/l

RT: 5.18 min Scan# 564

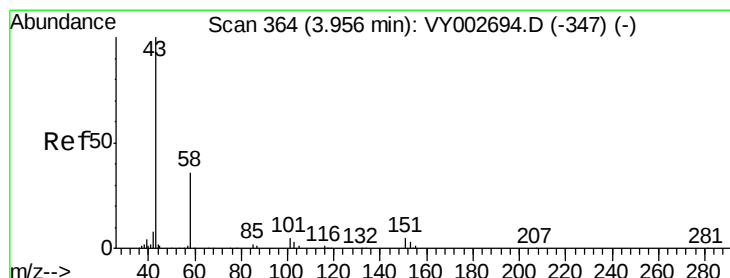
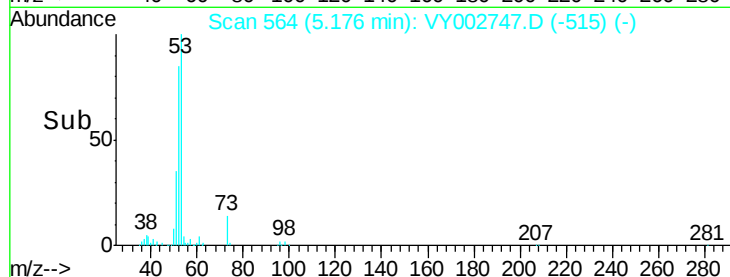
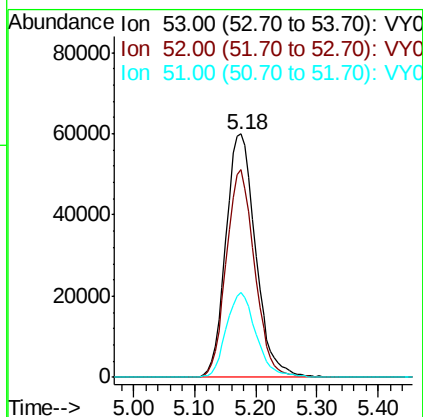
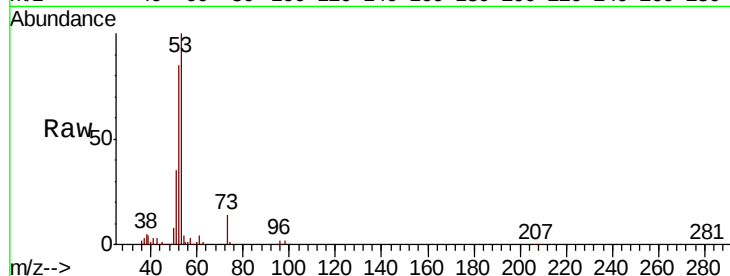
Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	201406
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.0	97.6
51	35.1	27.9	41.9



#16

Acetone

Concen: 273.455 ug/l

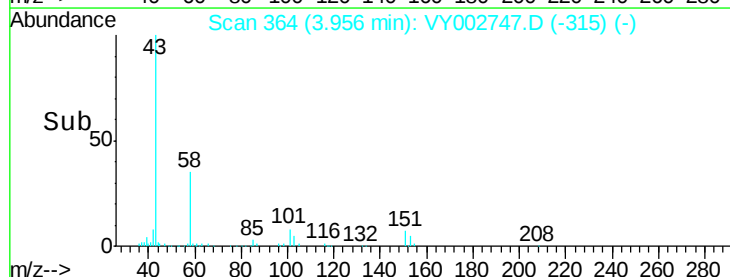
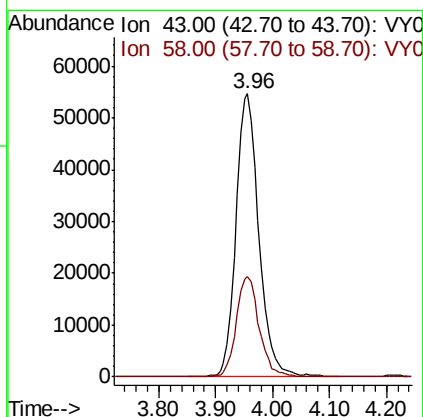
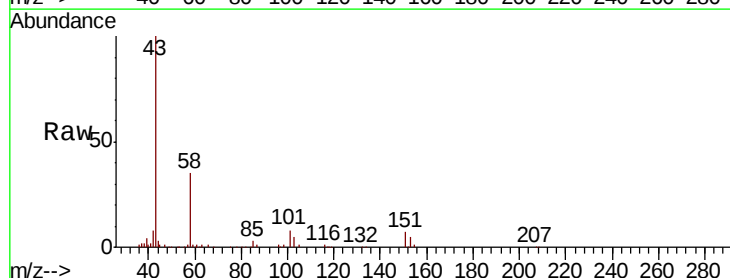
RT: 3.96 min Scan# 364

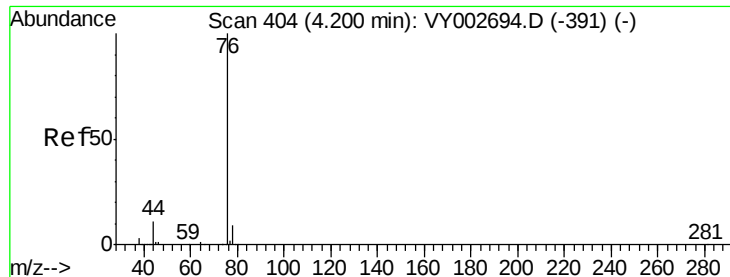
Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Tgt Ion:	43	Resp:	153999
Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.6	43.0

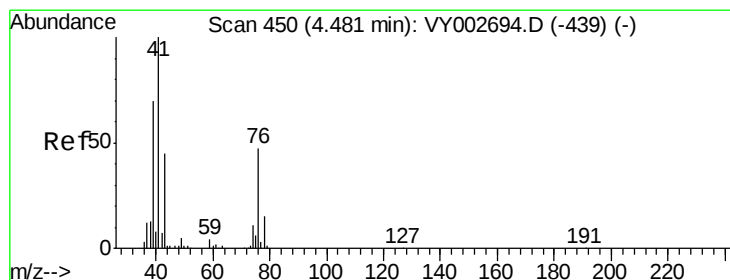
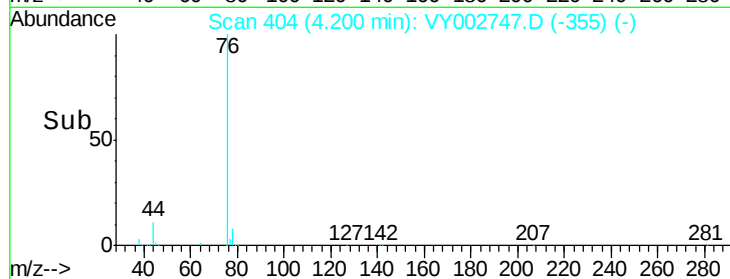
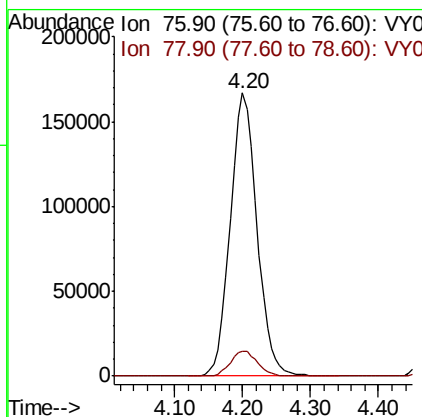
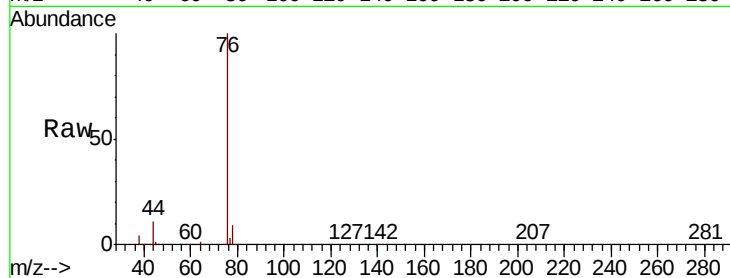




#17
Carbon Disulfide
Concen: 47.393 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

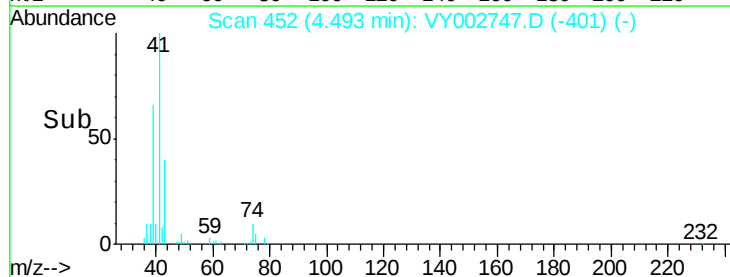
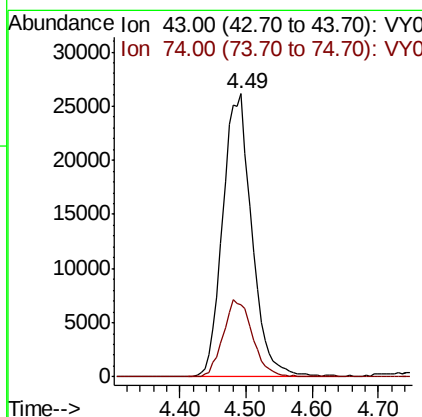
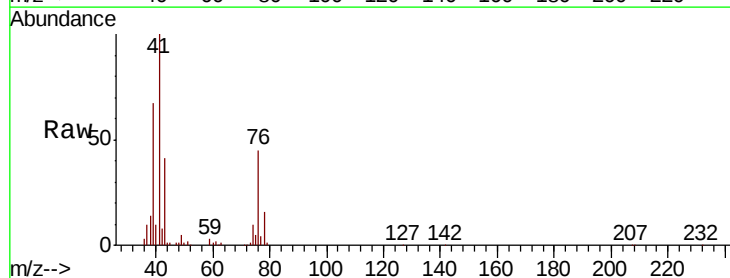
Instrument :
MSVOA_Y
ClientSampleId :

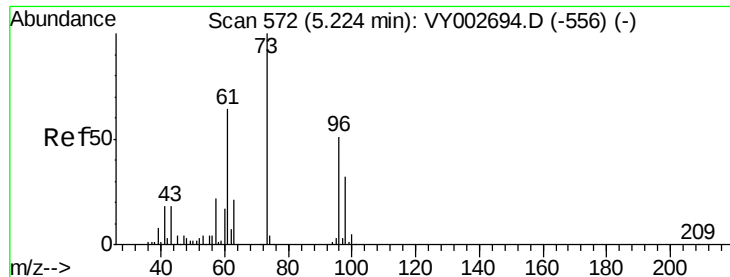
Tot Ion: 76 Resp: 455402
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 49.816 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 43 Resp: 79990
Ion Ratio Lower Upper
43 100
74 27.3 21.1 31.7

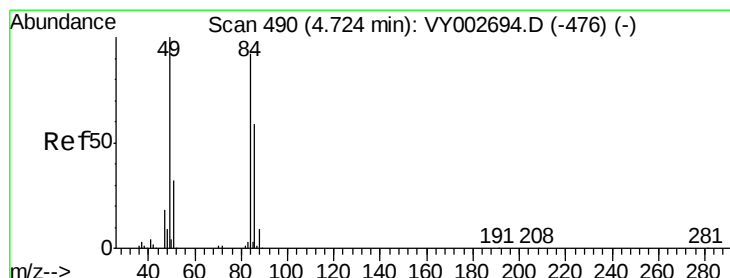
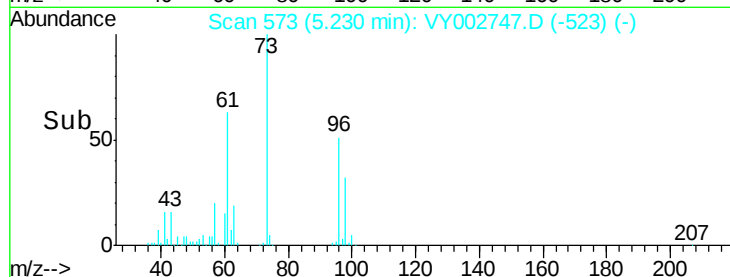
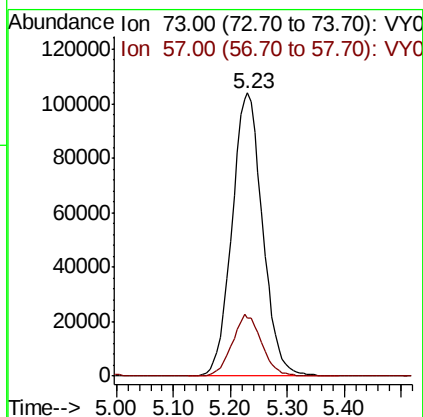
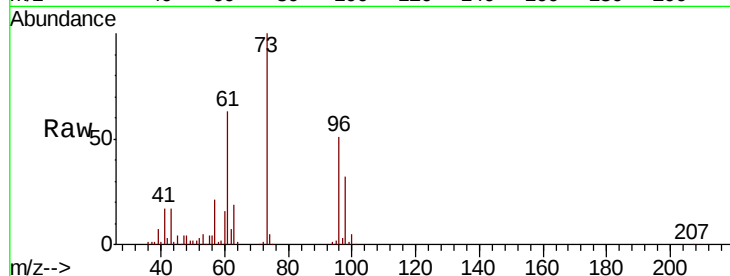




#19
Methyl tert-butyl Ether
Concen: 51.079 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

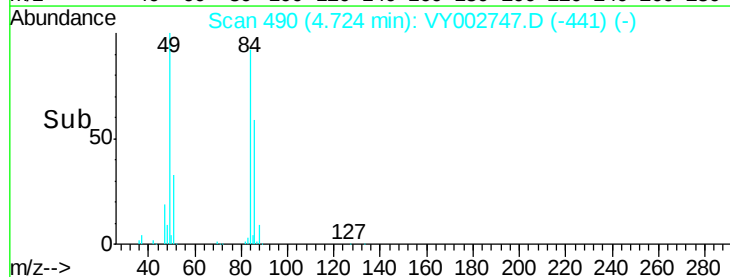
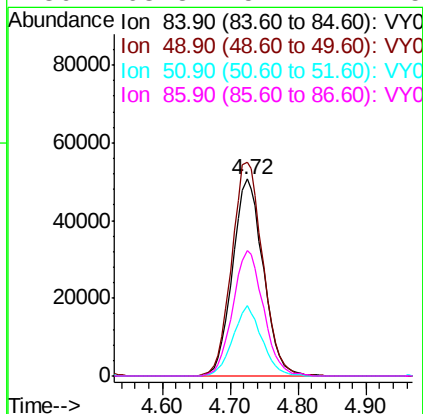
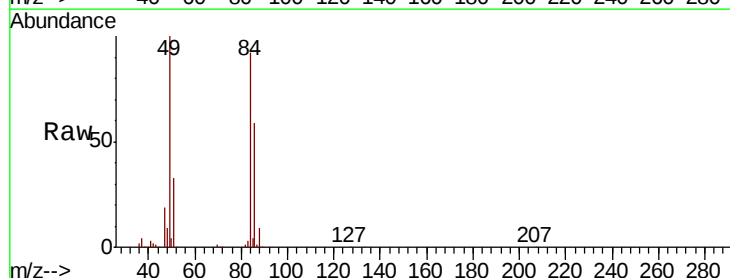
Instrument :
MSVOA_Y
ClientSampled :

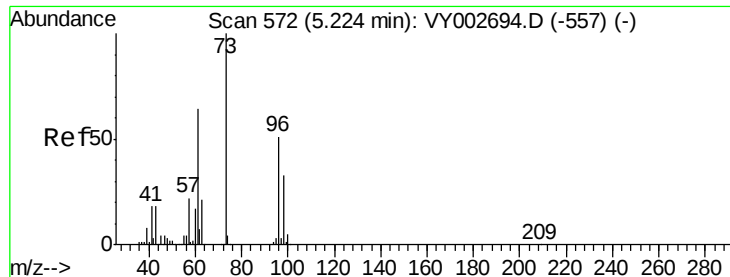
Tot Ion: 73 Resp: 388130
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.709 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 84 Resp: 159007
Ion Ratio Lower Upper
84 100
49 108.7 87.4 131.0
51 35.7 27.9 41.9
86 63.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.338 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

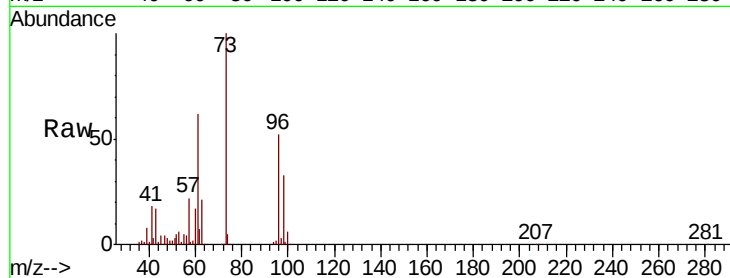
Tot Ion: 96 Resp: 164658

Ion Ratio Lower Upper

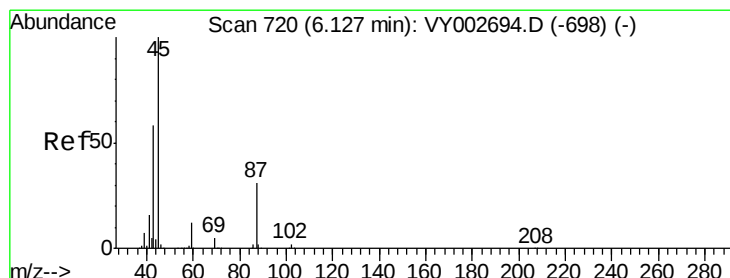
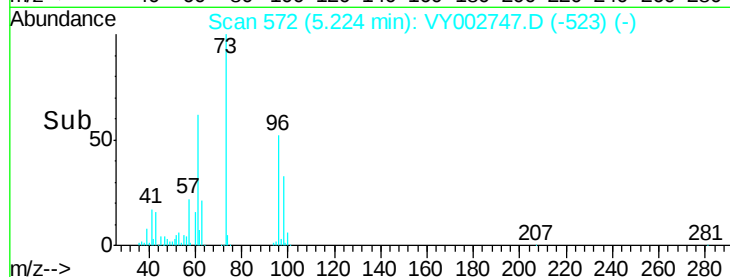
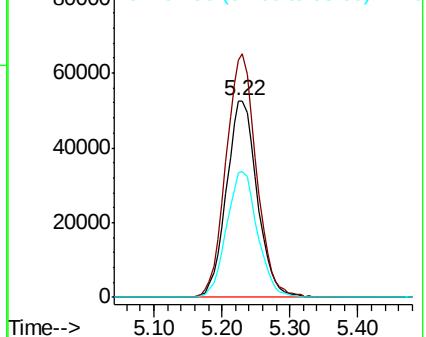
96 100

61 120.4 99.6 149.4

98 63.4 50.6 76.0



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



#22

Diisopropyl ether

Concen: 49.822 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Tgt Ion: 45 Resp: 434726

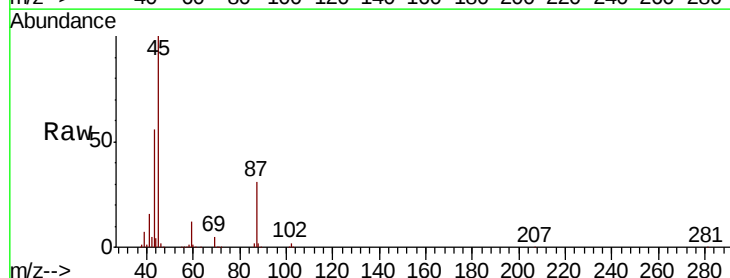
Ion Ratio Lower Upper

45 100

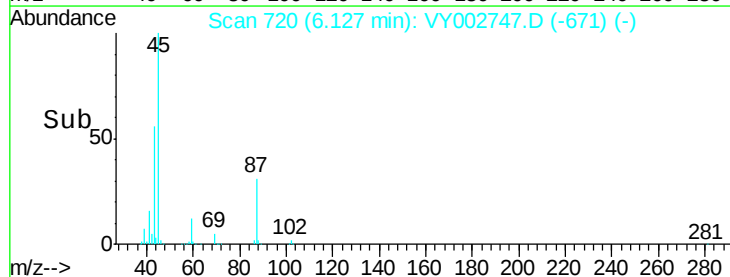
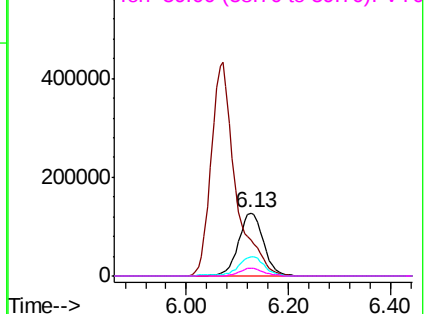
43 55.4 46.1 69.1

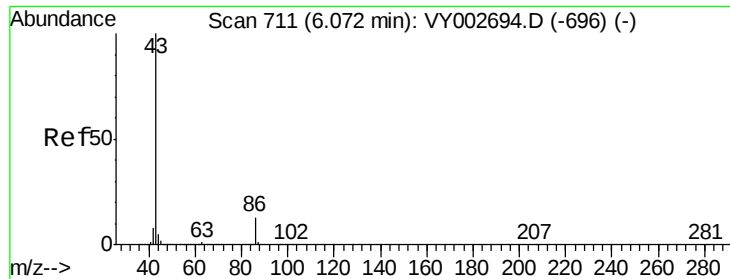
87 31.1 24.9 37.3

59 12.2 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 255.778 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

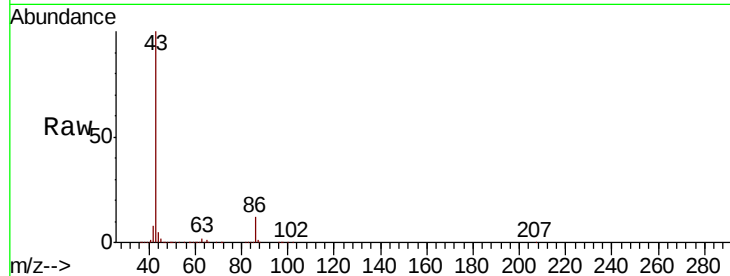
ClientSampleId :

Tot Ion: 43 Resp: 1429072

Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

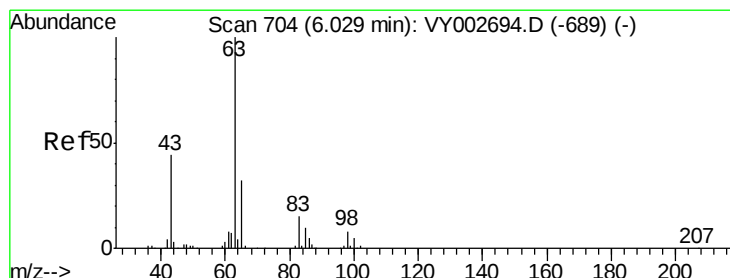
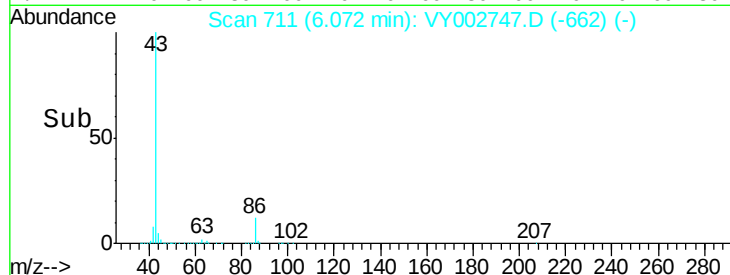
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.153 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

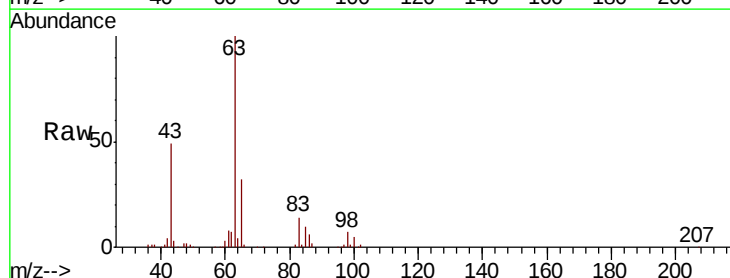
Tgt Ion: 63 Resp: 256278

Ion Ratio Lower Upper

63 100

98 7.5 4.0 11.9

100 4.8 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

100000

80000

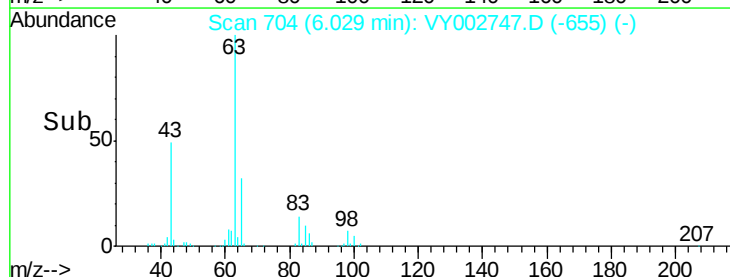
60000

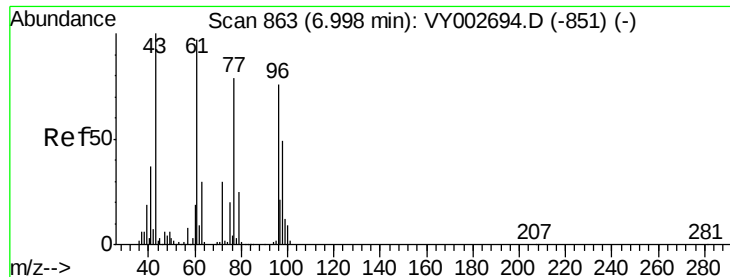
40000

20000

0

Time-->





#25

2-Butanone

Concen: 260.164 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

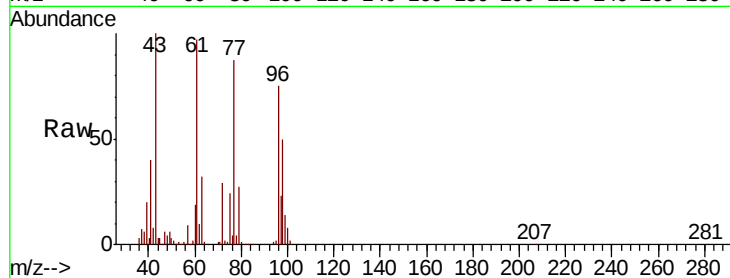
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 242414

Ion Ratio Lower Upper

43 100

72 29.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

100000

80000

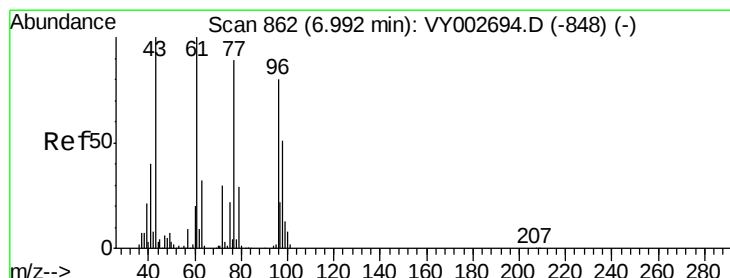
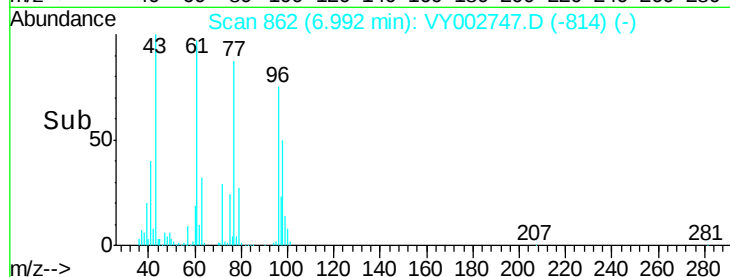
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.752 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002747.D

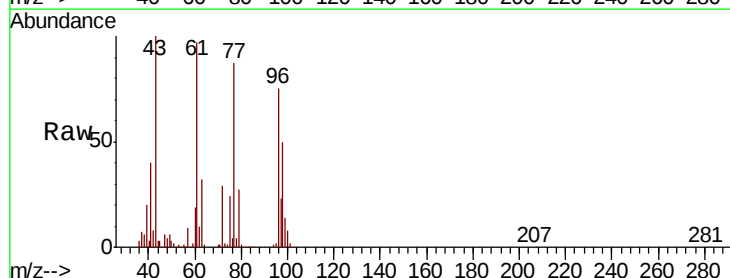
Acq: 22 May 2020 09:55

Tgt Ion: 77 Resp: 236511

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

80000

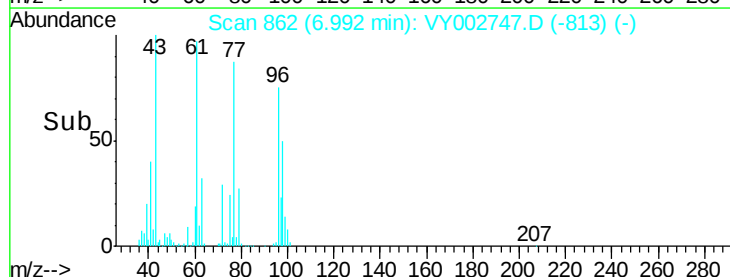
60000

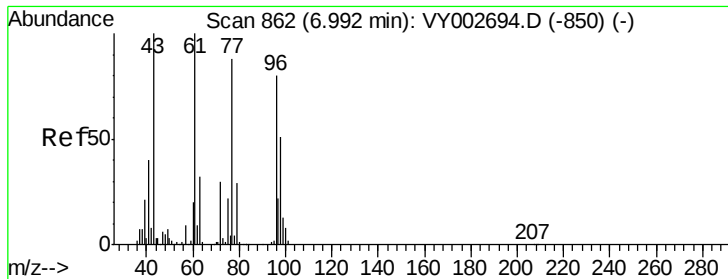
40000

20000

0

Time-->



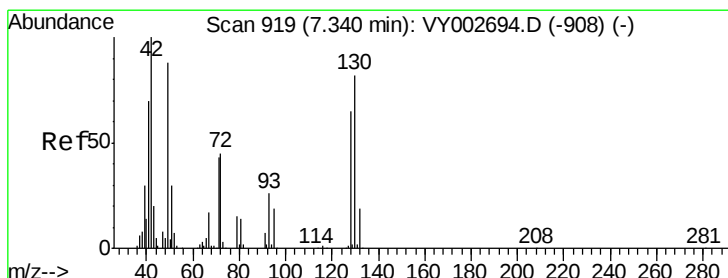
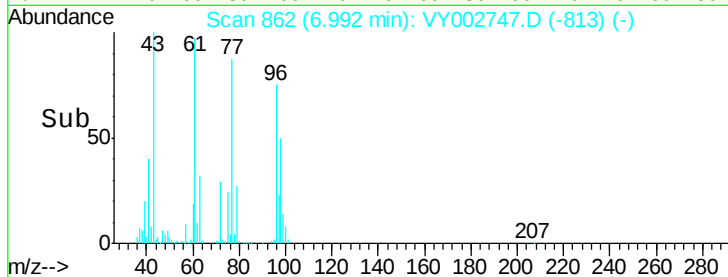
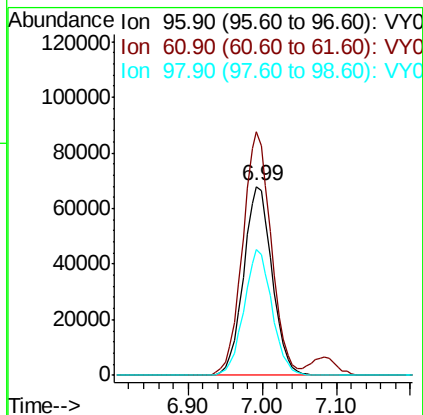
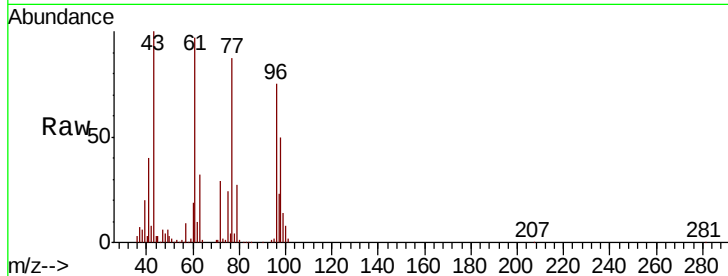


#27

cis-1,2-Dichloroethene
Concen: 49.544 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :

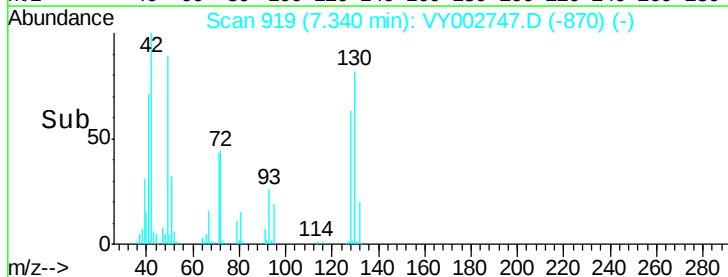
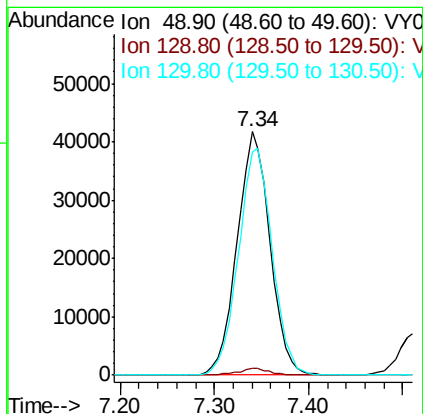
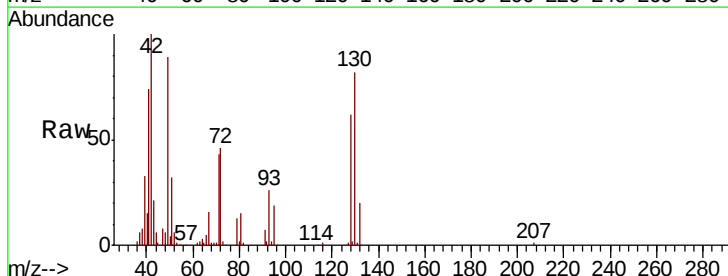
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	258.0
98	65.3	0.0	128.4

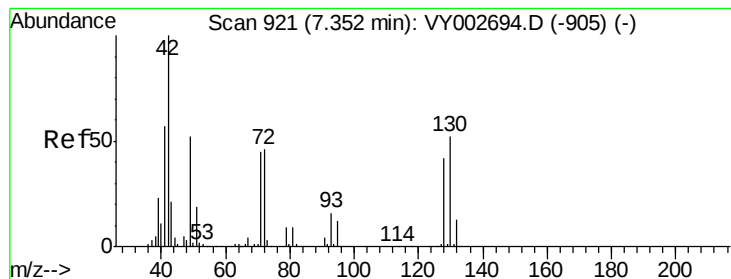


#28

Bromochloromethane
Concen: 49.220 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	96.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 261.710 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

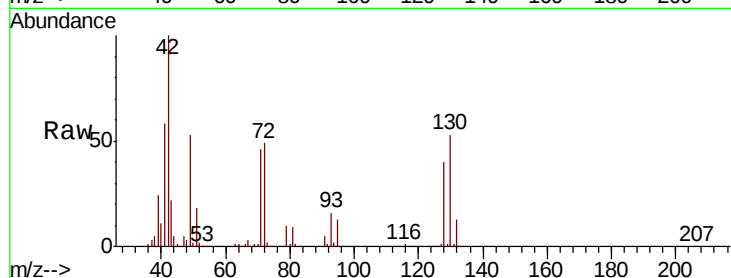
Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 165917

Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.2	57.2
71	45.2	35.8	53.8

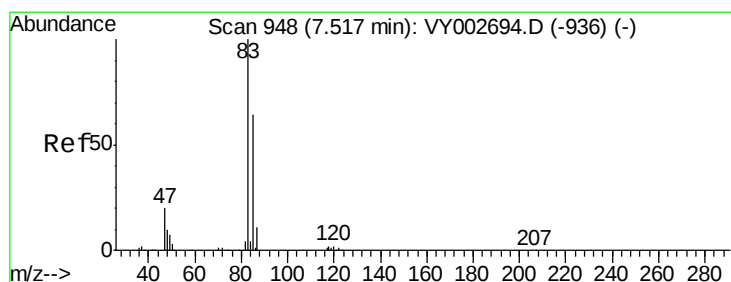
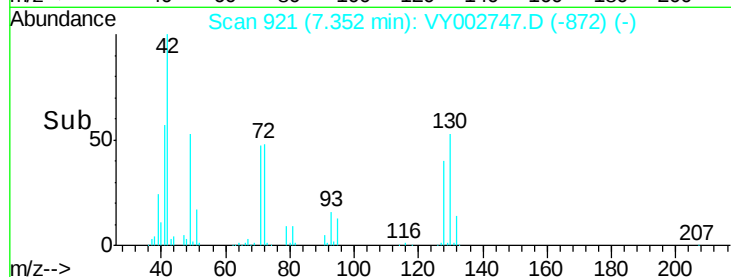
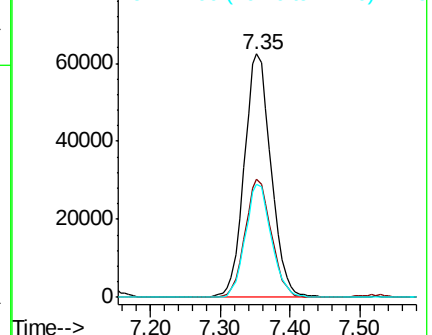


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 49.544 ug/l

RT: 7.52 min Scan# 948

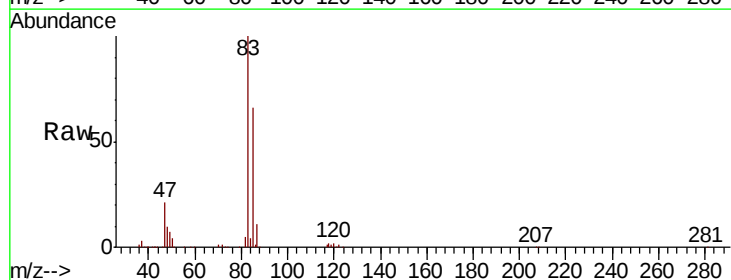
Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Tgt Ion: 83 Resp: 268100

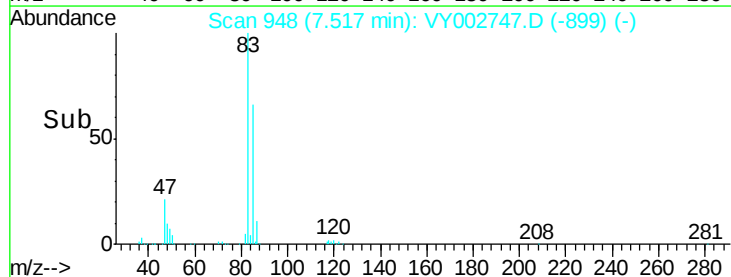
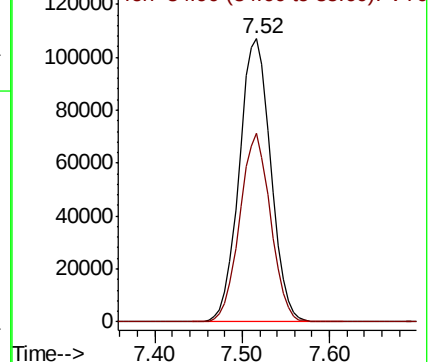
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3

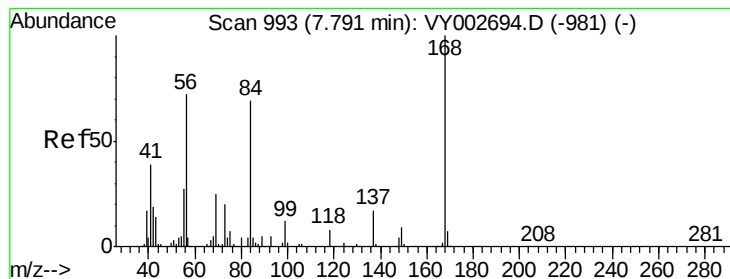


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 47.197 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :

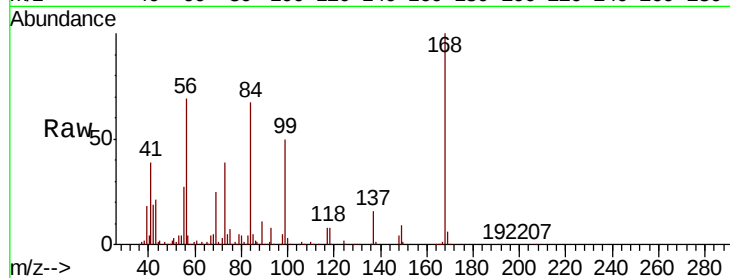
Tot Ion: 56 Resp: 249584

Ion Ratio Lower Upper

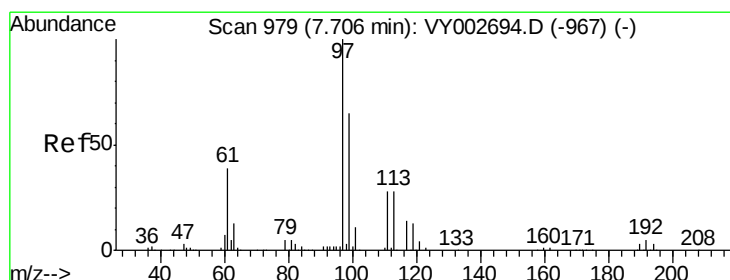
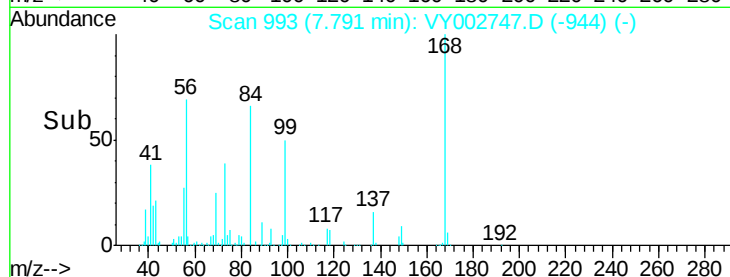
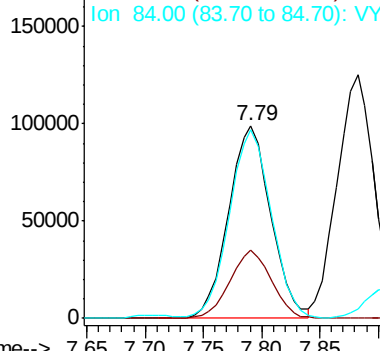
56 100

69 35.5 27.7 41.5

84 95.9 77.0 115.4



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



#32

1,1,1-Trichloroethane

Concen: 49.793 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

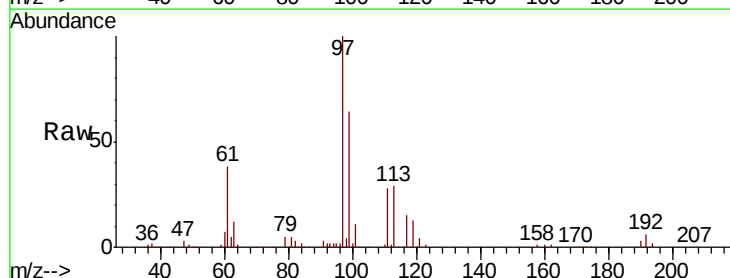
Tgt Ion: 97 Resp: 248972

Ion Ratio Lower Upper

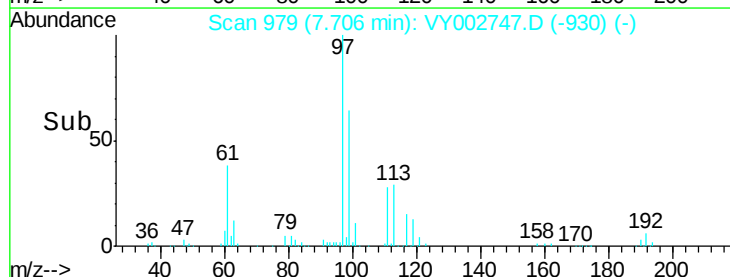
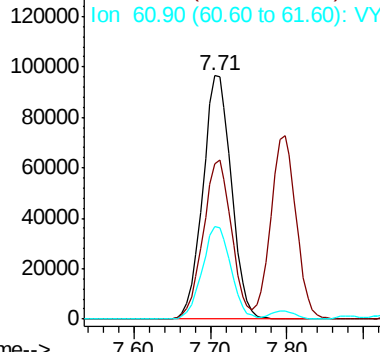
97 100

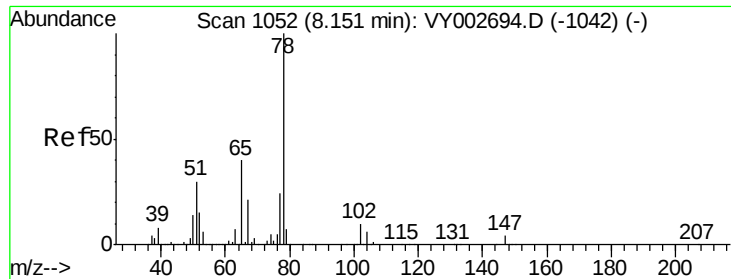
99 64.7 51.6 77.4

61 38.1 30.6 45.8



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

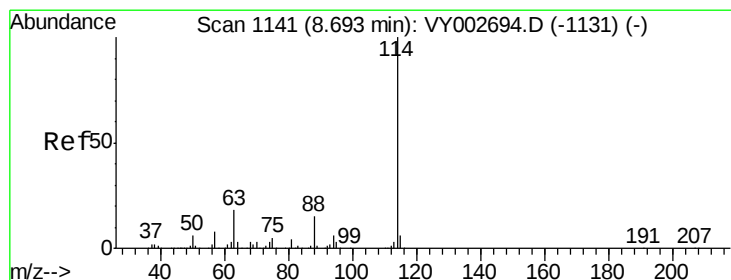
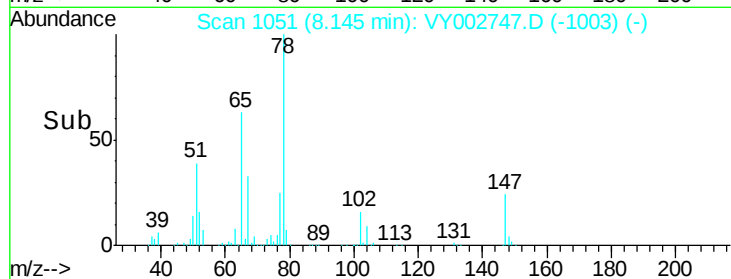
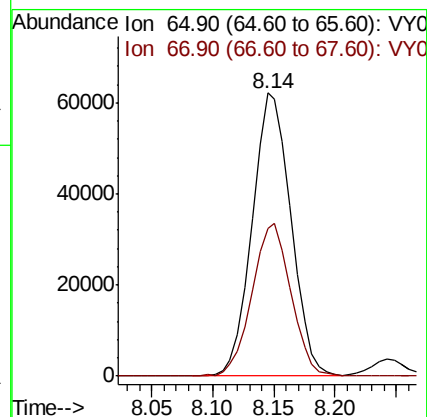
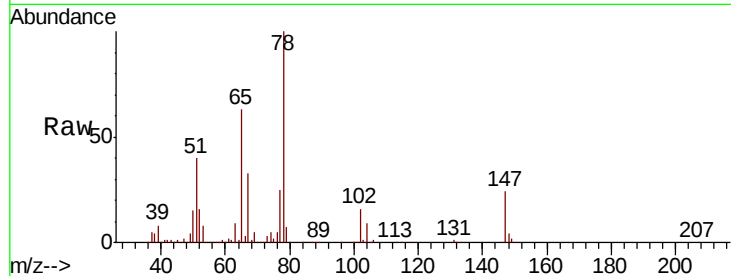




#33
 1,2-Dichloroethane-d4
 Concen: 50.159 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

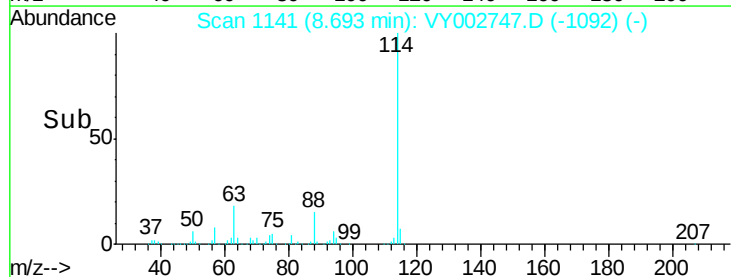
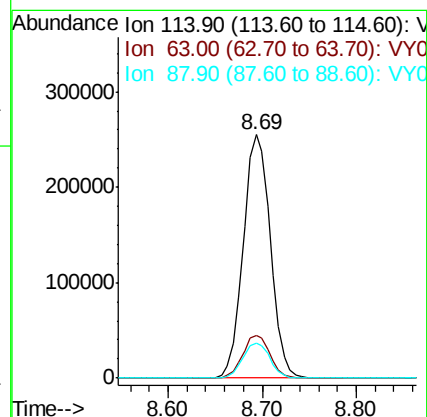
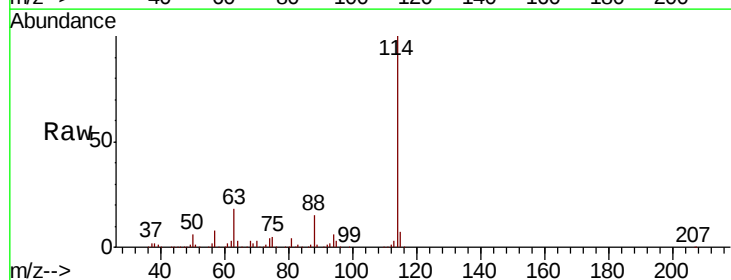
Instrument :
 MSVOA_Y
 ClientSampleId :

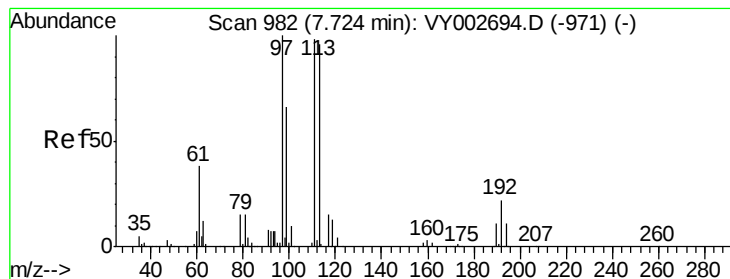
Tot Ion: 65 Resp: 137026
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion: 114 Resp: 510719
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.4
 88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.739 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampleId :

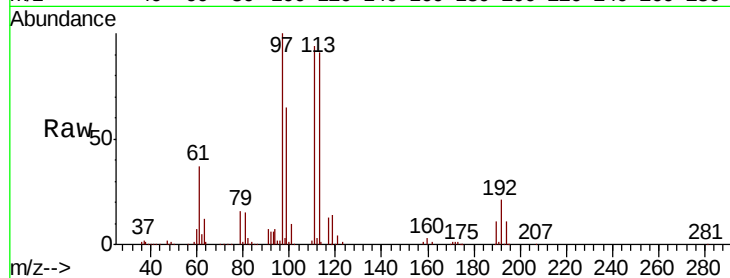
Tot Ion:113 Resp: 143010

Ion Ratio Lower Upper

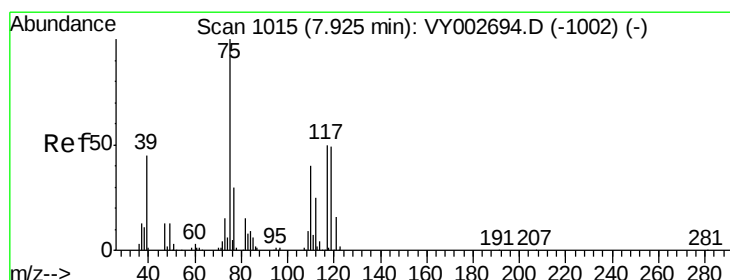
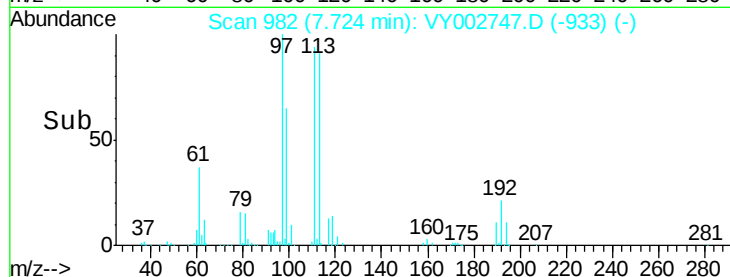
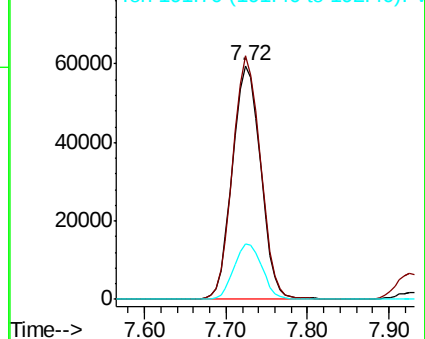
113 100

111 102.5 81.9 122.9

192 23.6 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.084 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

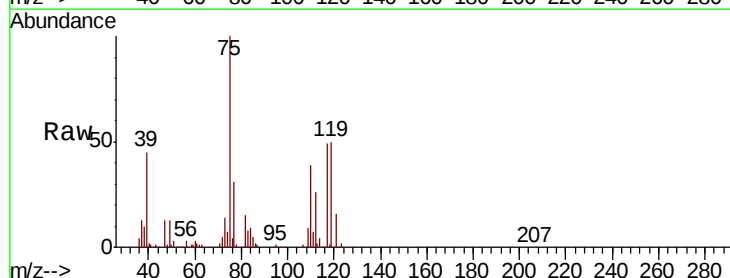
Tgt Ion: 75 Resp: 216536

Ion Ratio Lower Upper

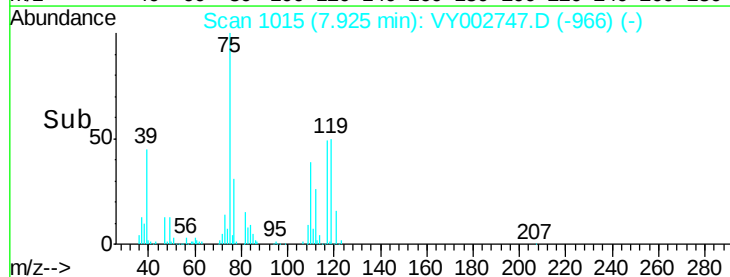
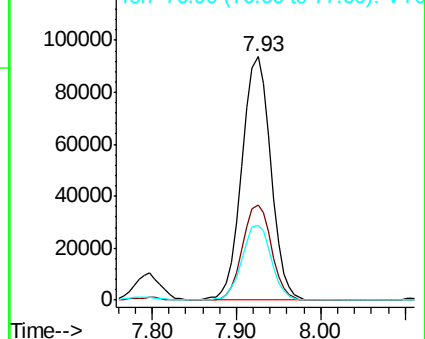
75 100

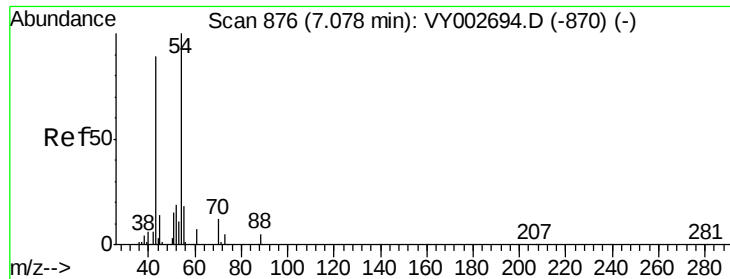
110 39.0 19.4 58.4

77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

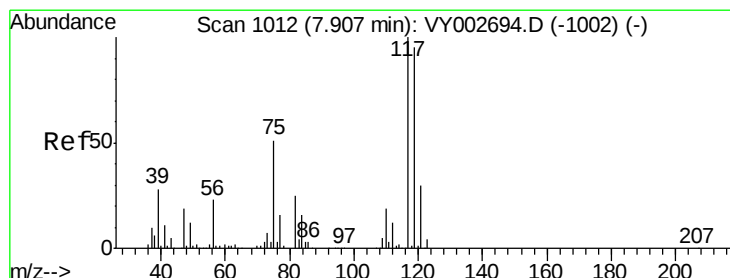
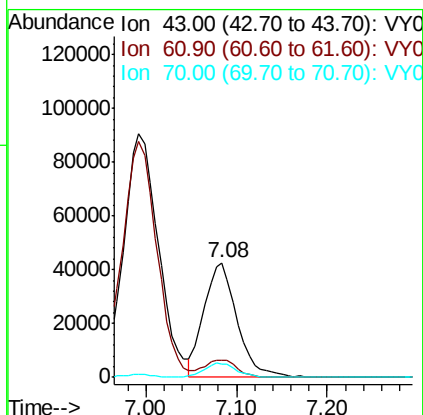
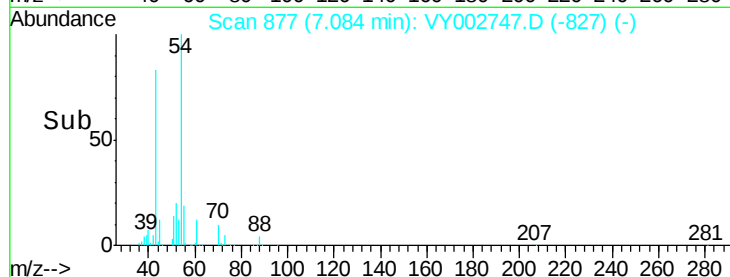
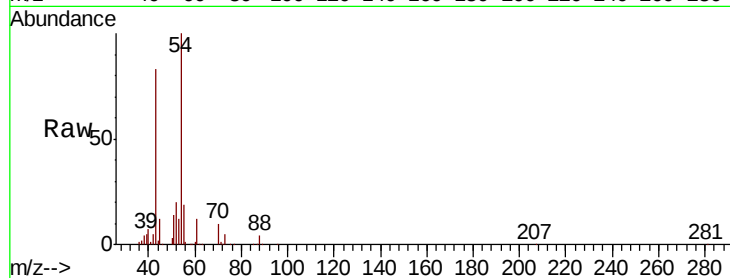




#37
Ethyl Acetate
Concen: 51.115 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

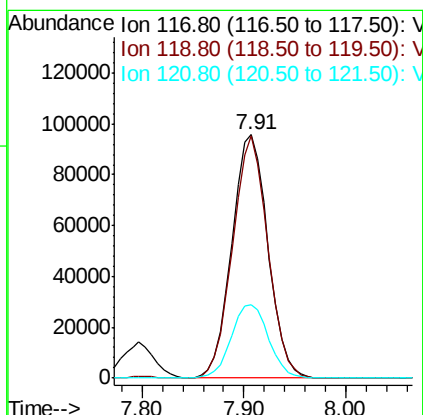
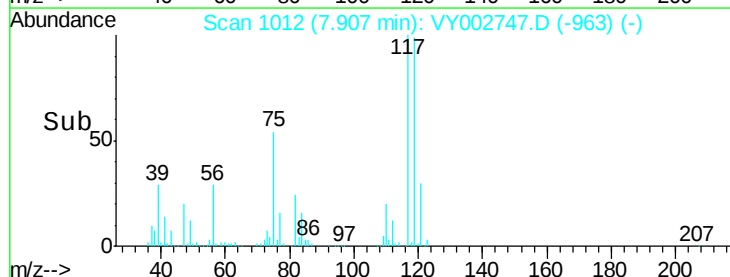
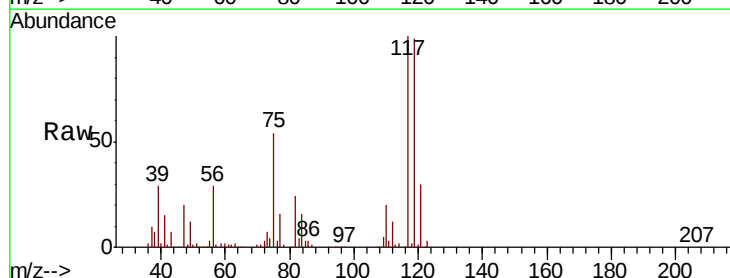
Instrument :
MSVOA_Y
ClientSampled :

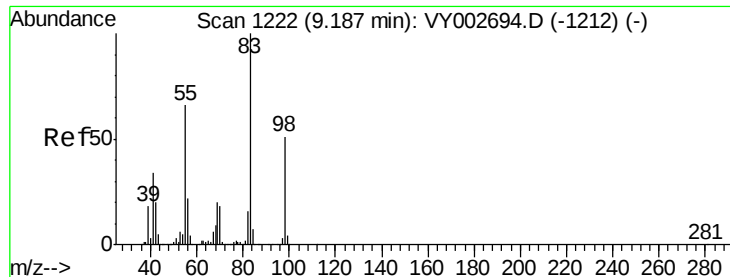
Tot Ion: 43 Resp: 108695
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 12.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.512 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 117 Resp: 234713
Ion Ratio Lower Upper
117 100
119 99.3 76.3 114.5
121 30.4 24.2 36.2

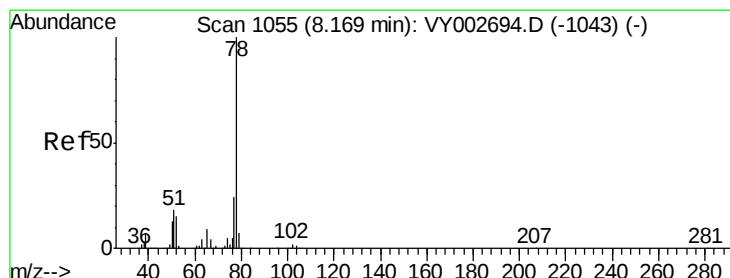
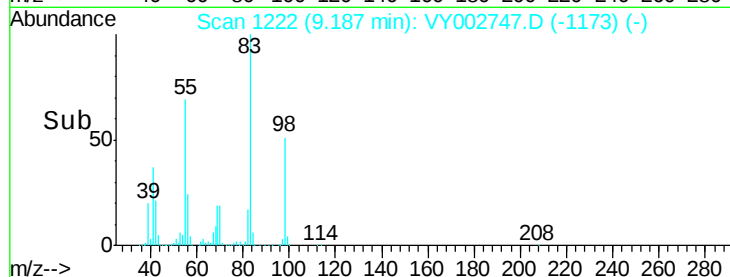
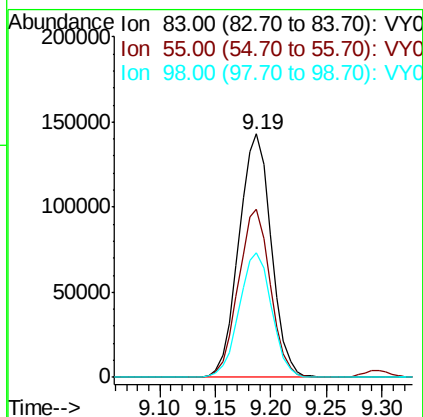
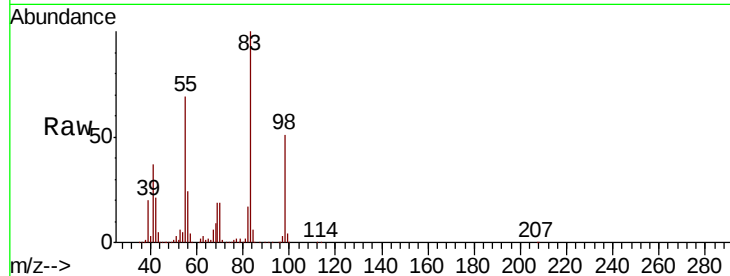




#39
Methvlcvclohexane
Concen: 49.667 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

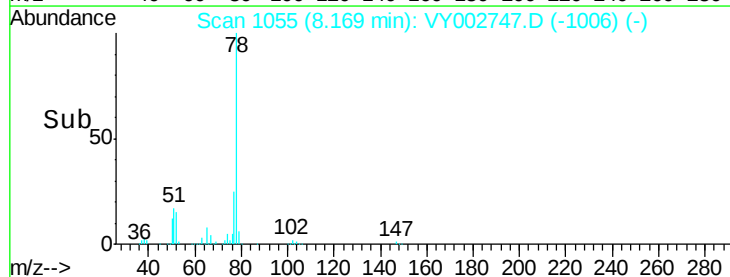
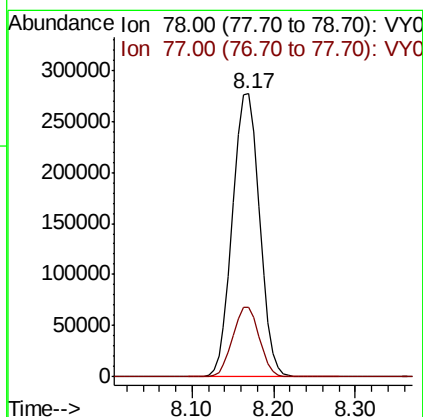
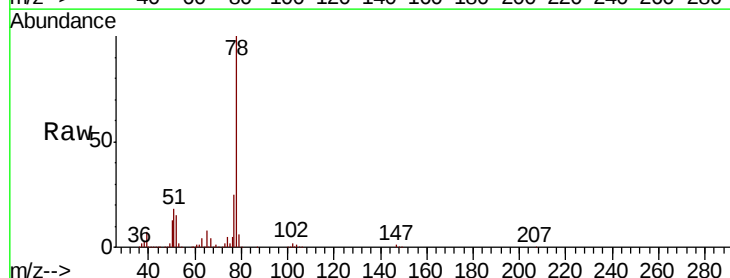
Instrument :
MSVOA_Y
ClientSampleId :

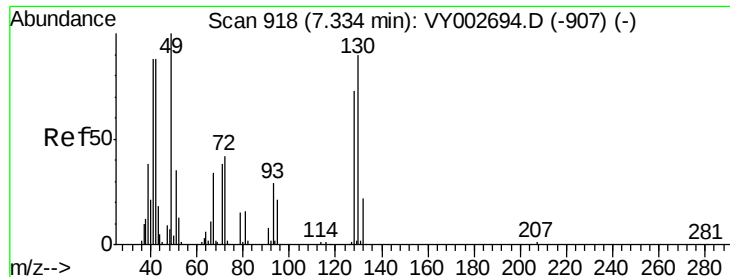
Tot Ion: 83 Resp: 288735
Ion Ratio Lower Upper
83 100
55 69.2 53.0 79.6
98 51.1 40.8 61.2



#40
Benzene
Concen: 50.303 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 78 Resp: 634576
Ion Ratio Lower Upper
78 100
77 24.8 19.2 28.8

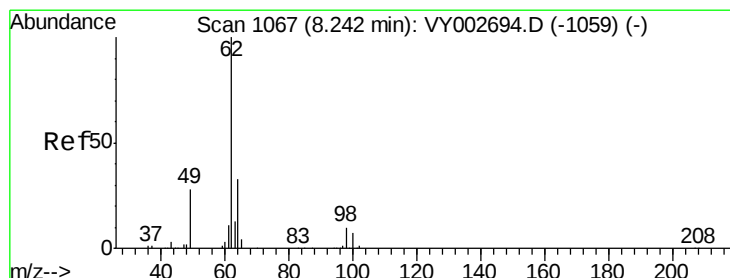
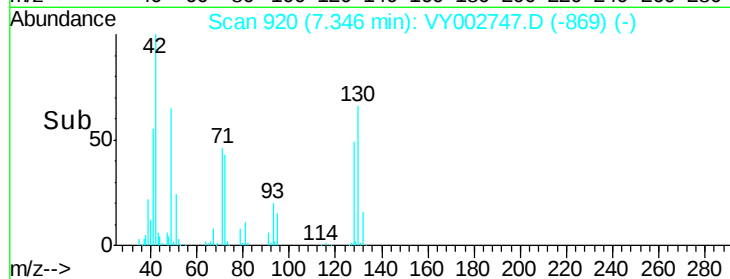
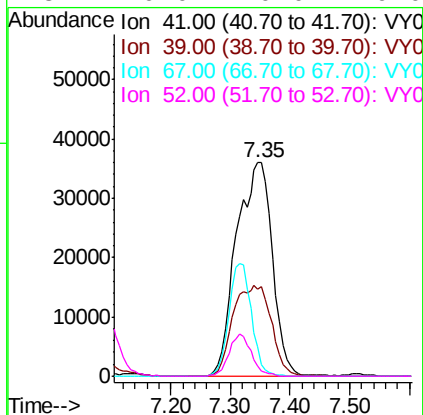
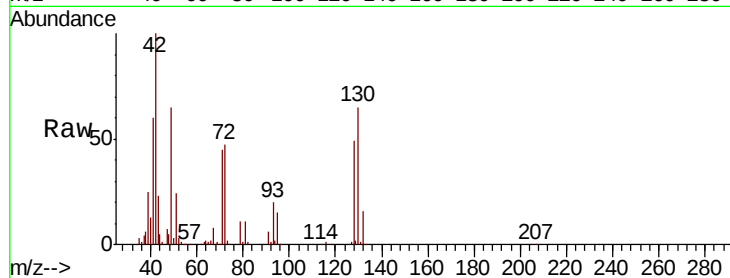




#41
Methacrylonitrile
Concen: 117.729 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

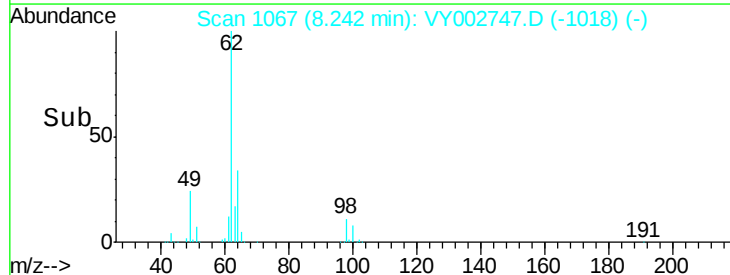
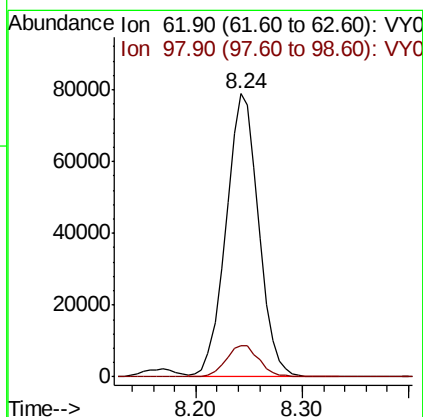
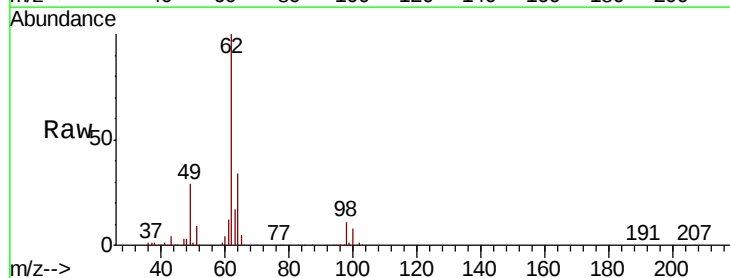
Instrument :
MSVOA_Y
ClientSampleId :

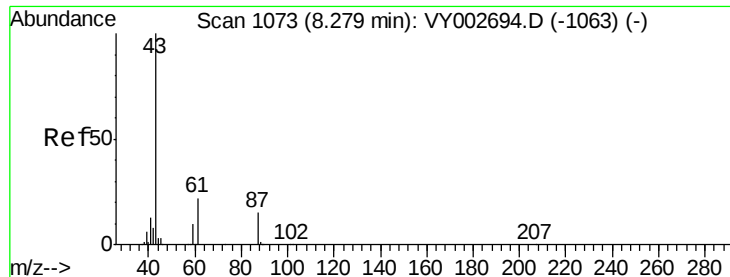
Tot Ion:	41	Resp:	150410
Ion	Ratio	Lower	Upper
41	100		
39	45.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.688 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion:	62	Resp:	168647
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.8



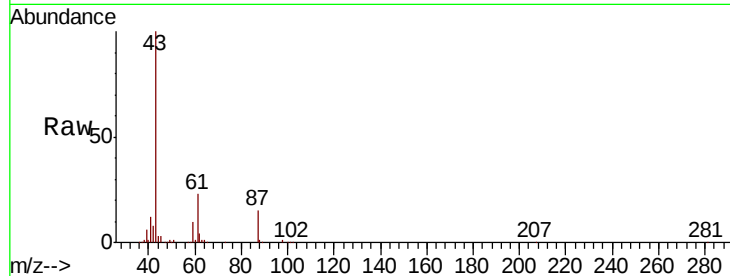


#43

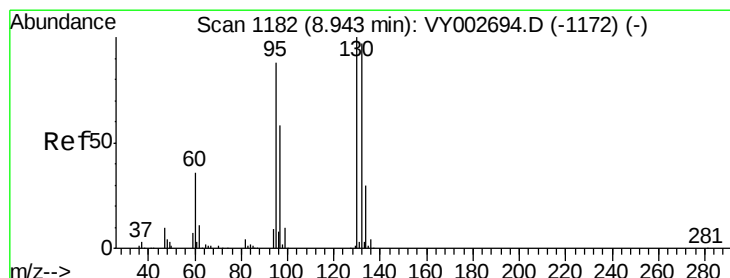
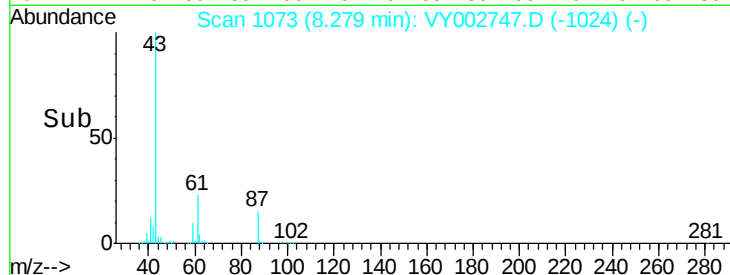
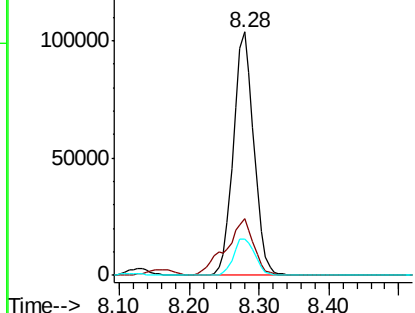
Isopropyl Acetate
 Concen: 53.372 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	210925
Ion Ratio	Lower	Upper	
43	100		
61	31.2	24.9	37.3
87	15.8	12.6	19.0



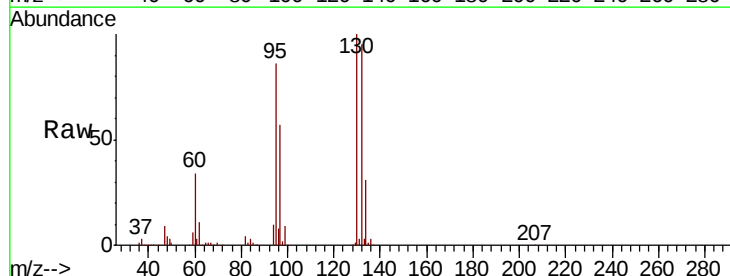
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



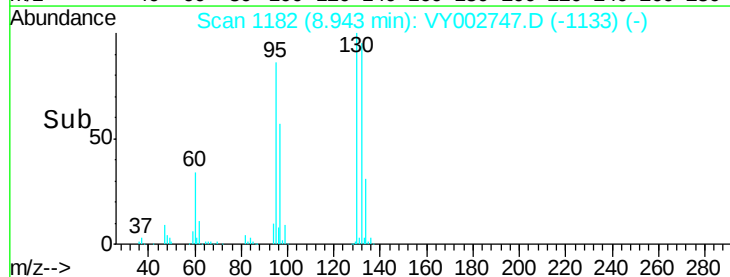
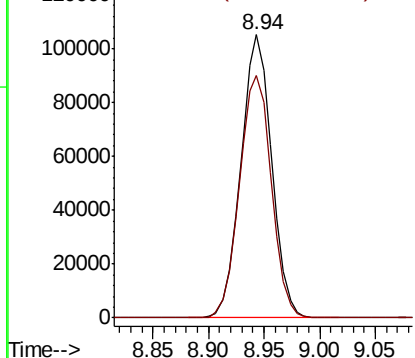
#44

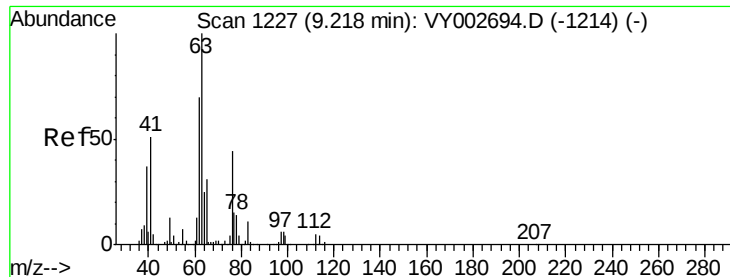
Trichloroethene
 Concen: 50.217 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion	130	Resp	201928
Ion Ratio	Lower	Upper	
130	100		
95	85.6	0.0	176.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 50.111 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

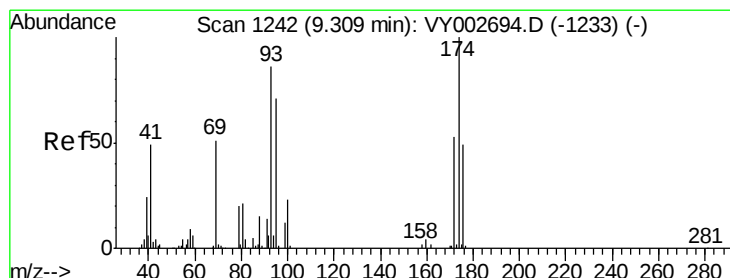
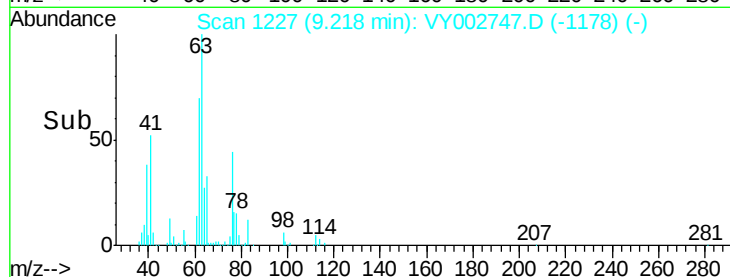
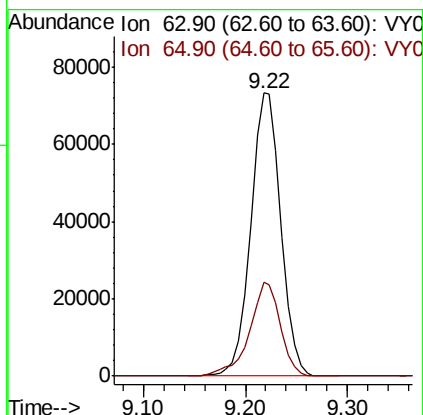
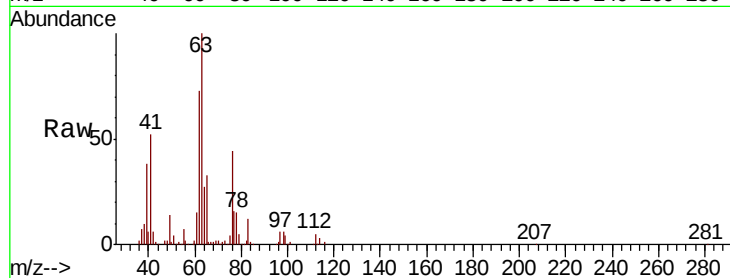
ClientSampleId :

Tot Ion: 63 Resp: 150031

Ion Ratio Lower Upper

63 100

65 33.3 24.7 37.1



#46

Dibromomethane

Concen: 50.898 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

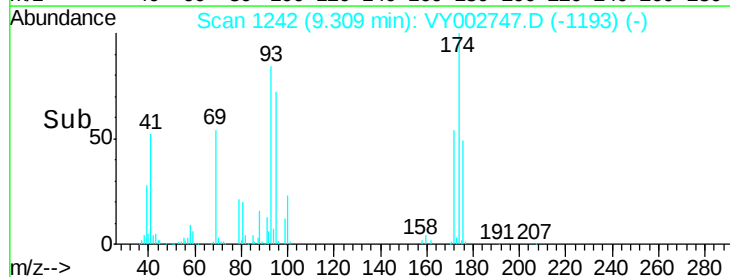
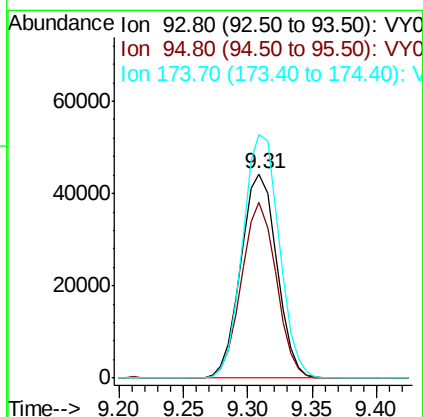
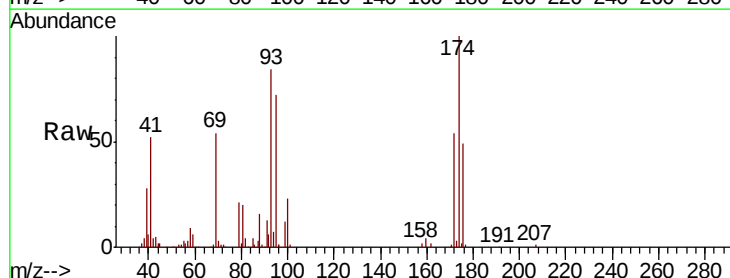
Tgt Ion: 93 Resp: 85616

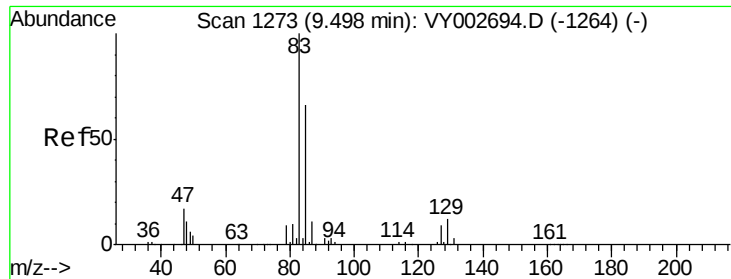
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 120.8 95.6 143.4

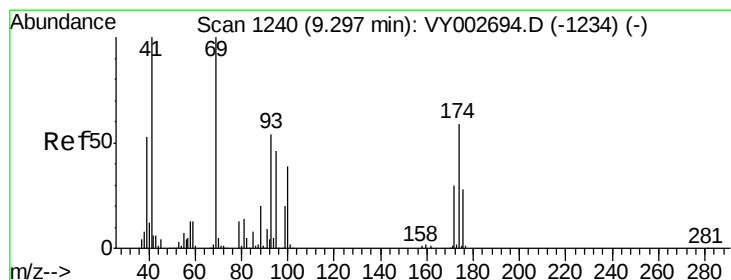
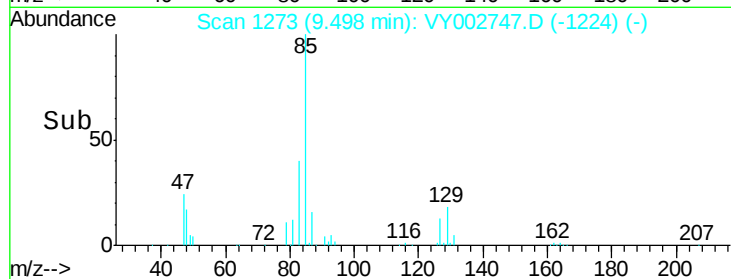
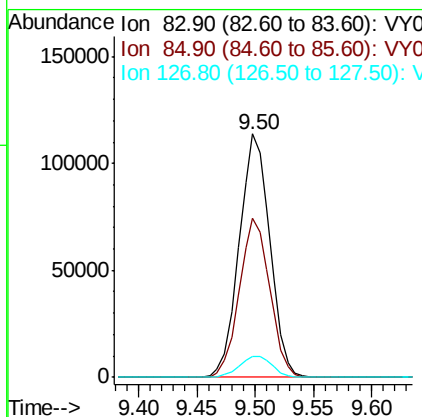
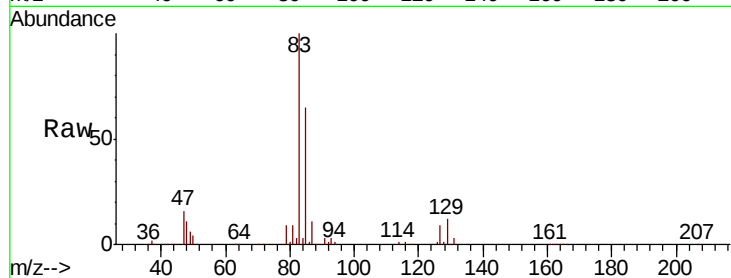




#47
 Bromodichloromethane
 Concen: 50.907 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

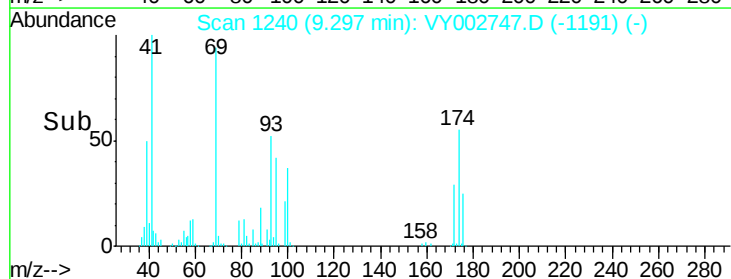
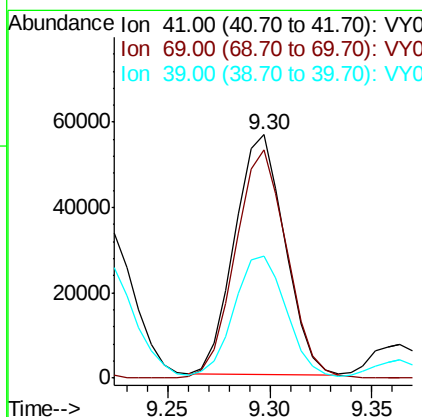
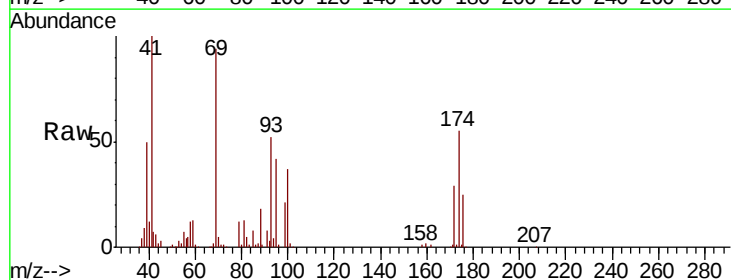
Instrument :
 MSVOA_Y
 ClientSampled :

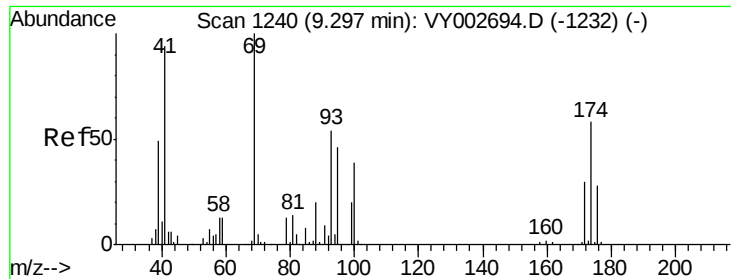
Tot Ion	83	Resp	208987
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.4	78.6
127	8.7	7.6	11.4



#48
 Methyl methacrylate
 Concen: 53.059 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion	41	Resp	96546
Ion Ratio	Lower	Upper	
41	100		
69	97.6	78.7	118.1
39	53.3	42.9	64.3

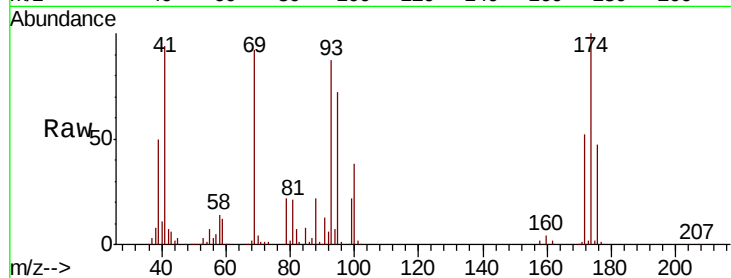




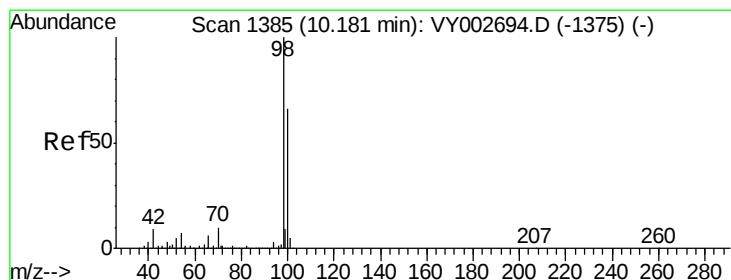
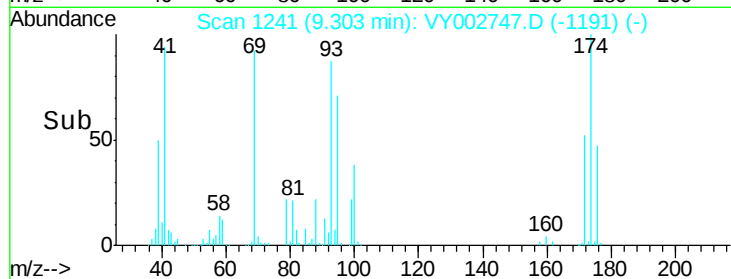
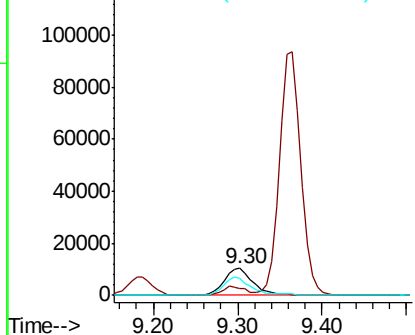
#49
1,4-Dioxane
Concen: 1056.276 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 24199
Ion Ratio Lower Upper
88 100
43 27.6 23.4 35.0
58 62.7 54.5 81.7

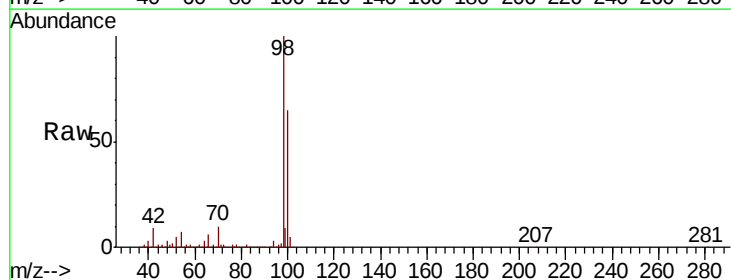


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

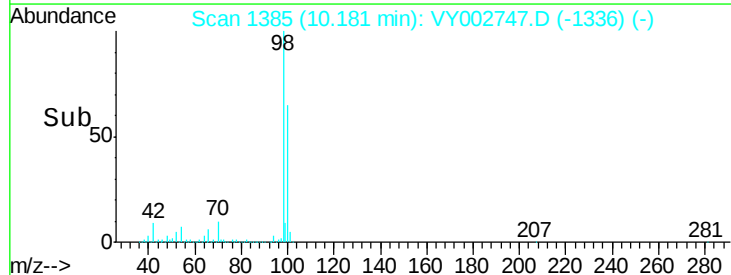
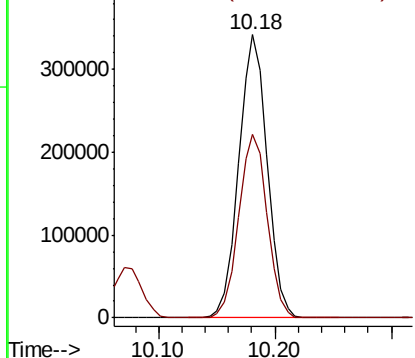


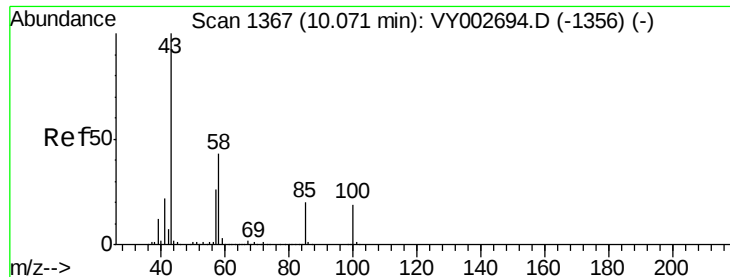
#50
Toluene-d8
Concen: 51.112 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 98 Resp: 579997
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



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





#51

4-Methyl-2-Pentanone

Concen: 270.688 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

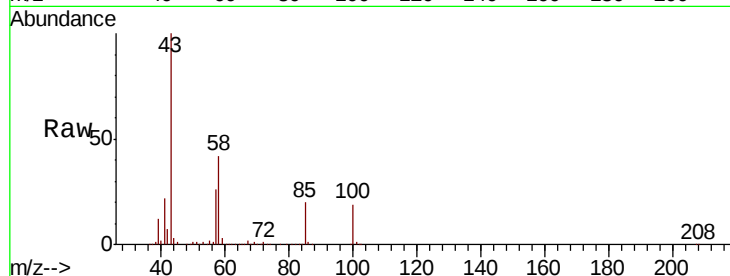
ClientSampleId :

Tot Ion: 43 Resp: 552309

Ion Ratio Lower Upper

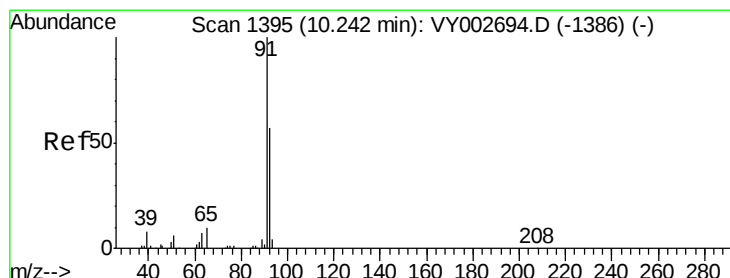
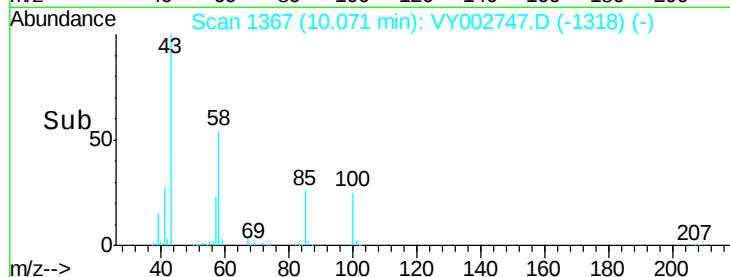
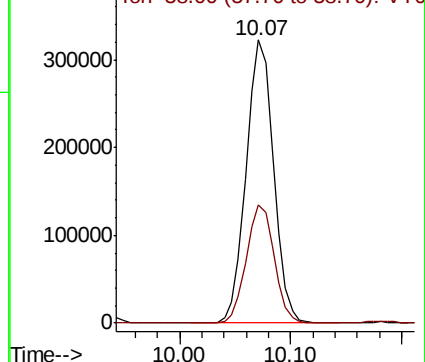
43 100

58 42.4 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 50.455 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002747.D

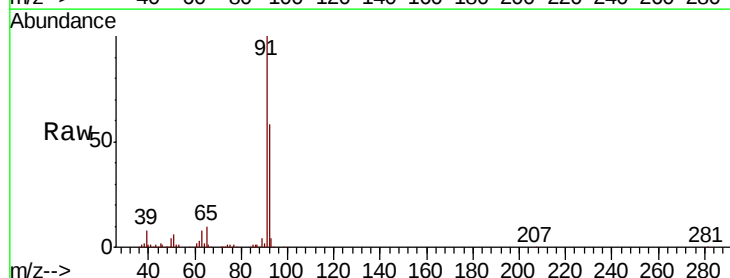
Acq: 22 May 2020 09:55

Tgt Ion: 92 Resp: 411906

Ion Ratio Lower Upper

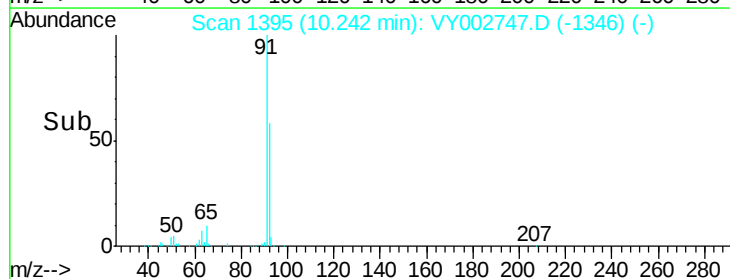
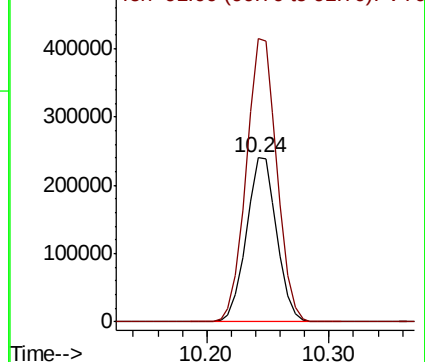
92 100

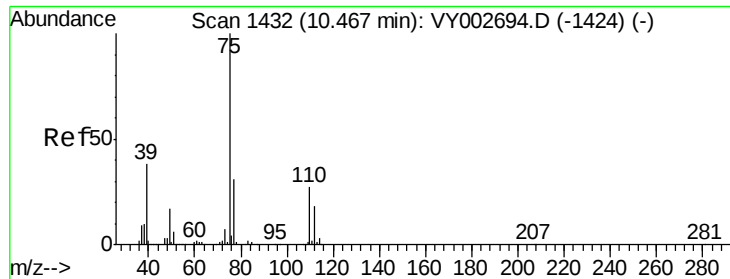
91 174.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 52.244 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

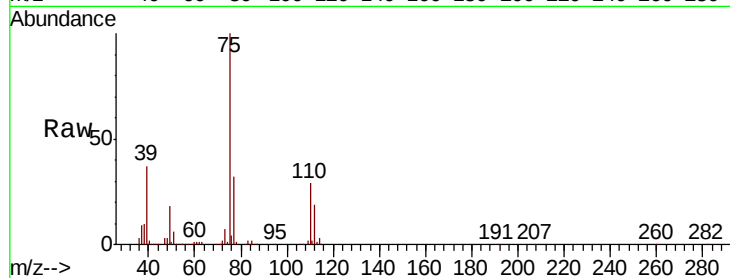
ClientSampleId :

Tot Ion: 75 Resp: 228920

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

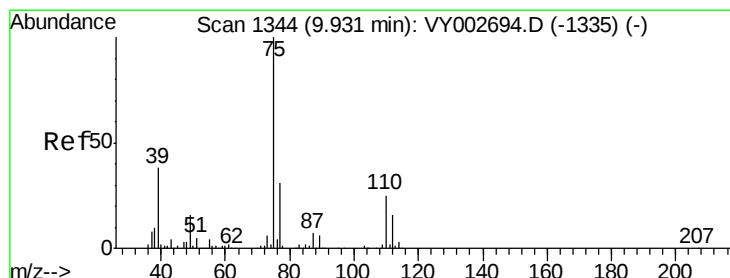
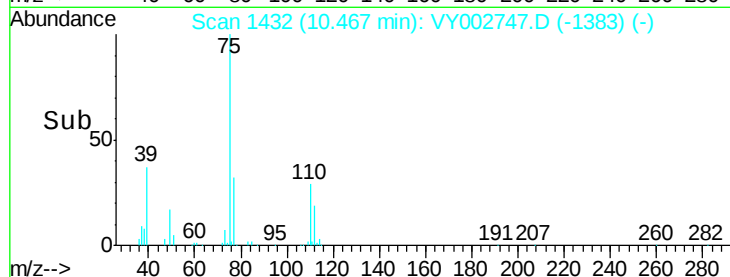
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.238 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

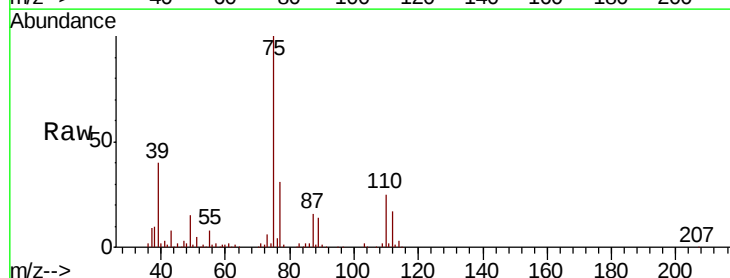
Tgt Ion: 75 Resp: 260275

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 40.1 30.7 46.1



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

9.93

200000

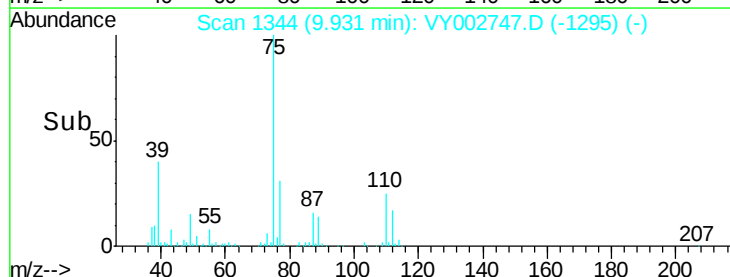
150000

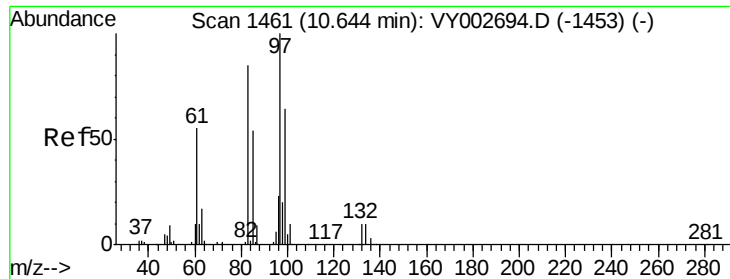
100000

50000

0

Time-->

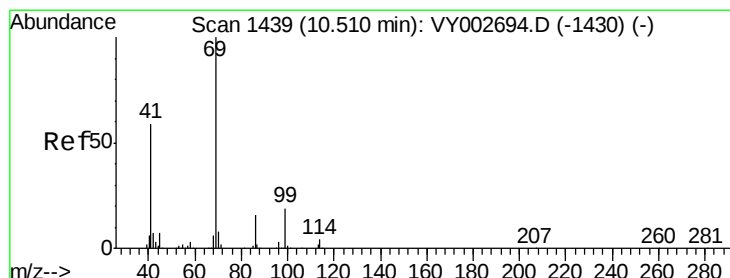
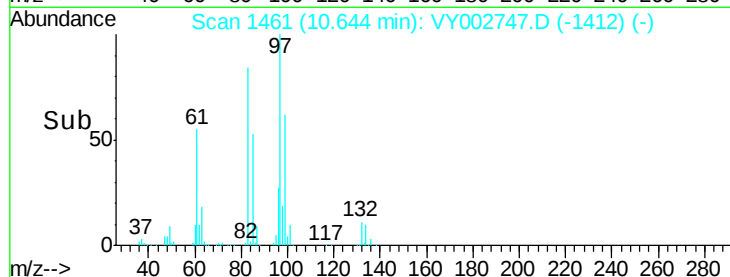
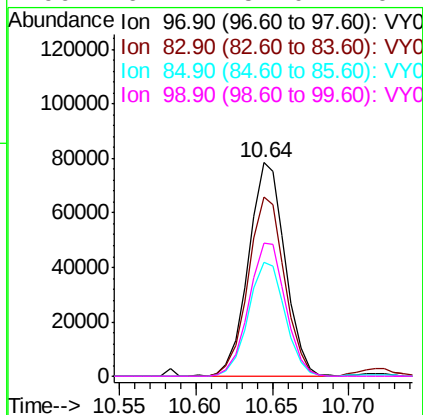
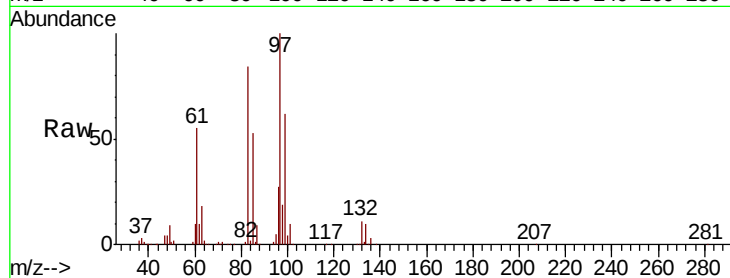




#55
 1,1,2-Trichloroethane
 Concen: 52.143 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

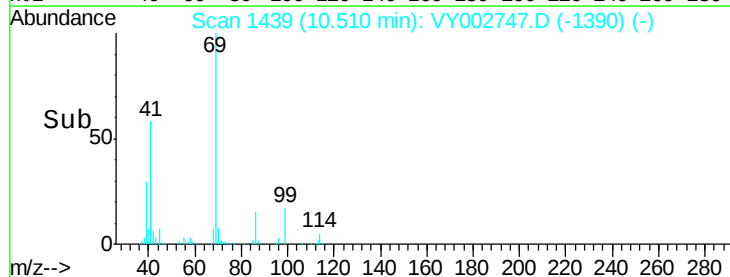
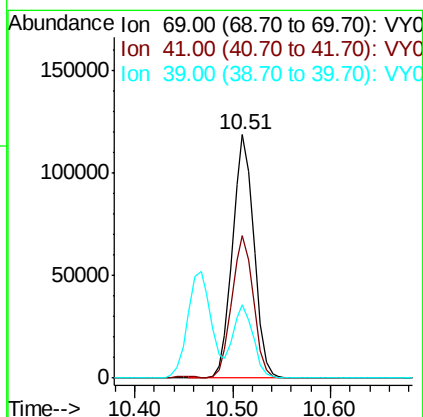
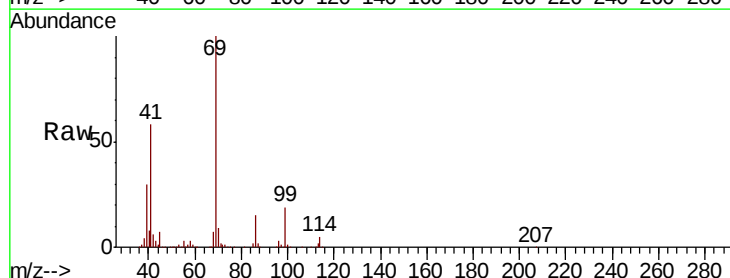
Instrument :
 MSVOA_Y
 ClientSampleId :

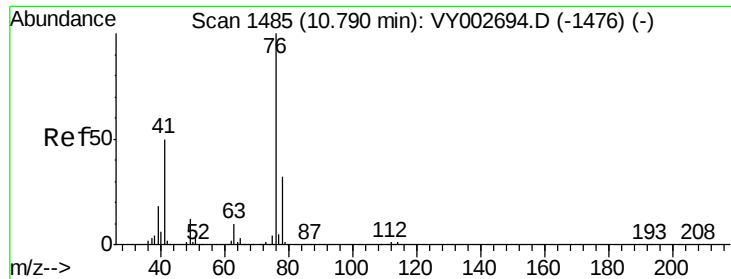
Tot Ion:	97	Resp:	130581
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	53.1	43.1	64.7
99	62.2	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 54.220 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion:	69	Resp:	180764
Ion	Ratio	Lower	Upper
69	100		
41	58.5	48.0	72.0
39	27.7	22.1	33.1





#57

1,3-Dichloropropane

Concen: 51.697 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

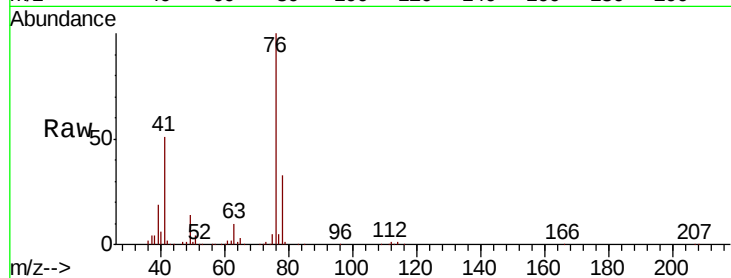
ClientSampleId :

Tot Ion: 76 Resp: 216951

Ion Ratio Lower Upper

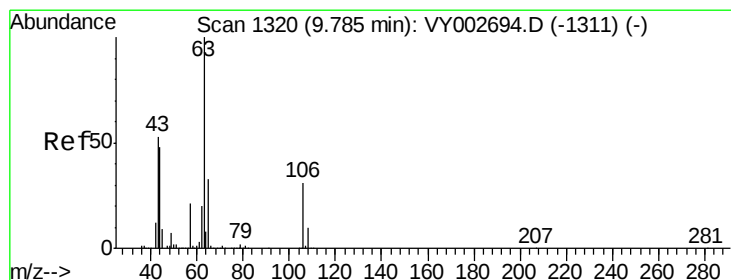
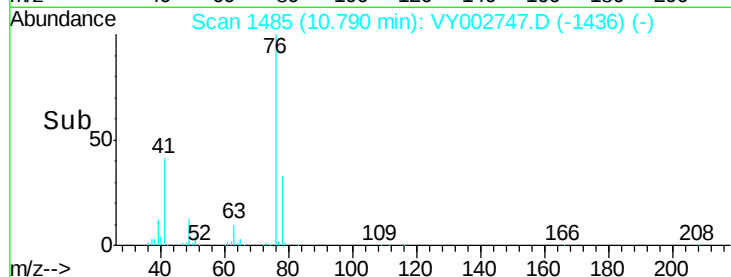
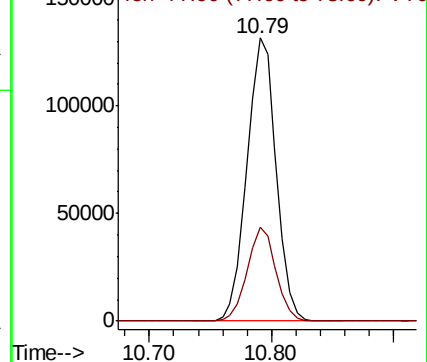
76 100

78 32.6 26.2 39.4



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: 251.200 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002747.D

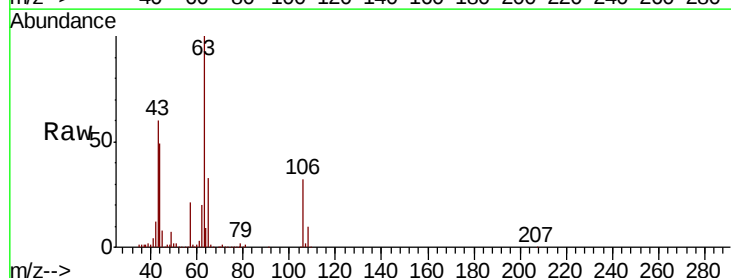
Acq: 22 May 2020 09:55

Tgt Ion: 63 Resp: 413441

Ion Ratio Lower Upper

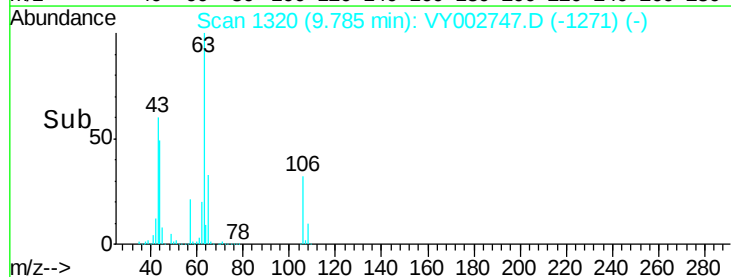
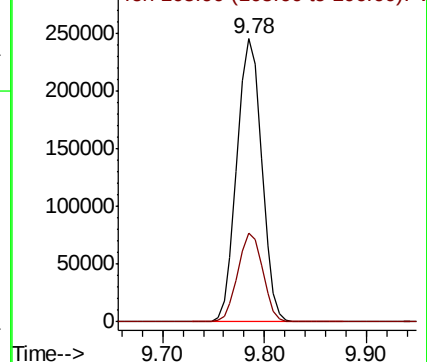
63 100

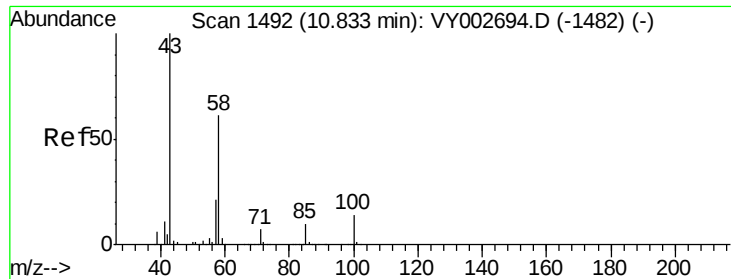
106 31.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

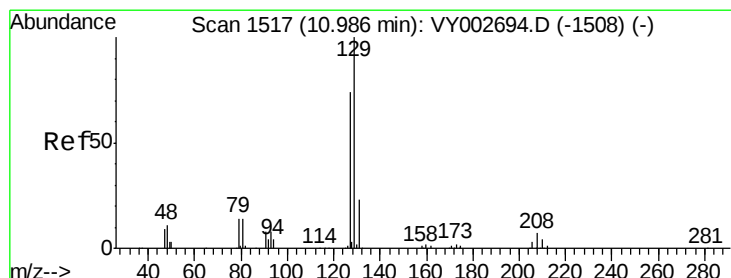
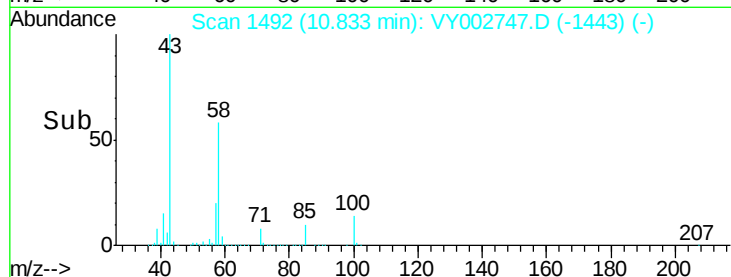
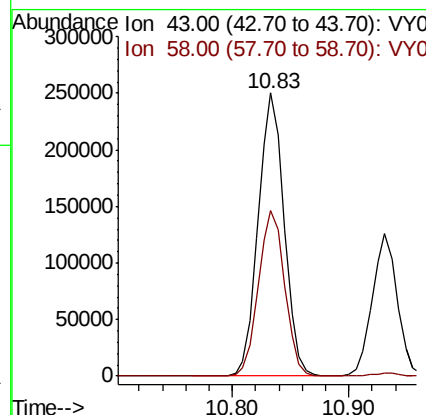
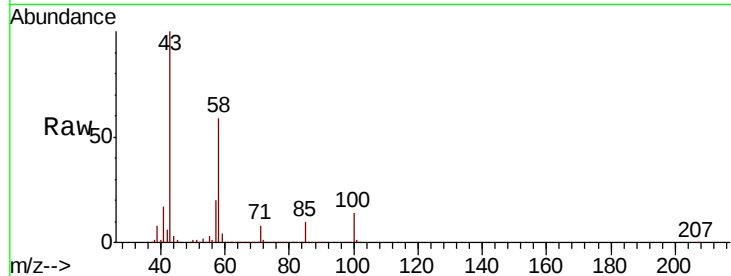




#59
2-Hexanone
Concen: 274.586 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

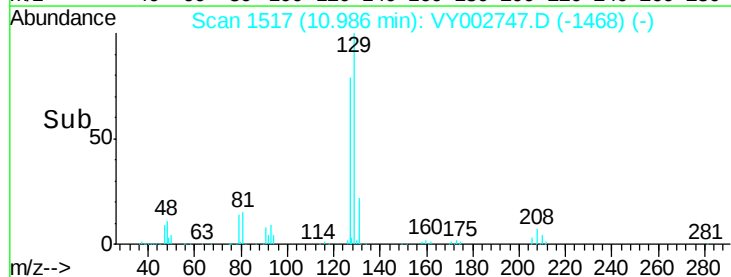
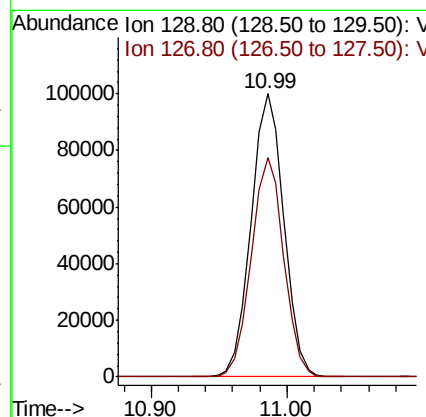
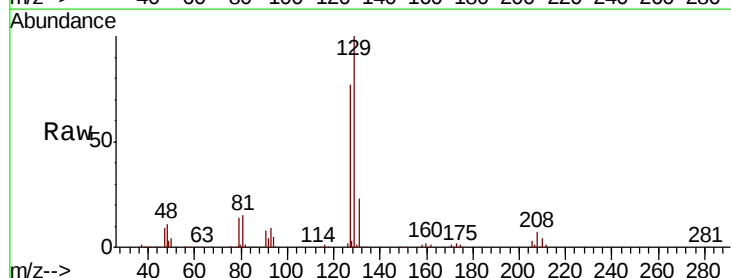
Instrument :
MSVOA_Y
ClientSampleId :

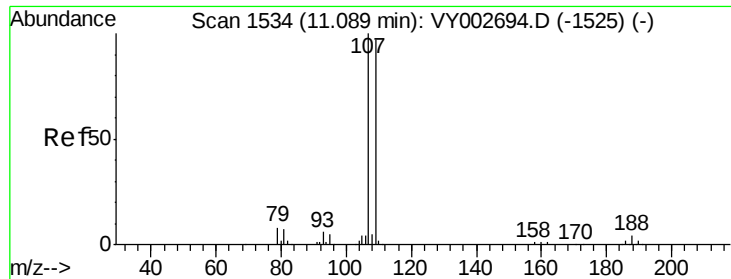
Tot Ion: 43 Resp: 390334
Ion Ratio Lower Upper
43 100
58 59.2 29.8 89.4



#60
Dibromochloromethane
Concen: 52.794 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 129 Resp: 168905
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

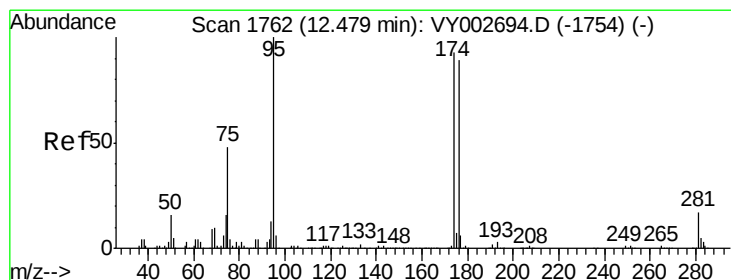
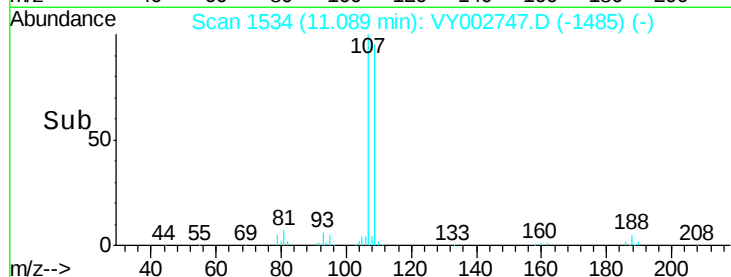
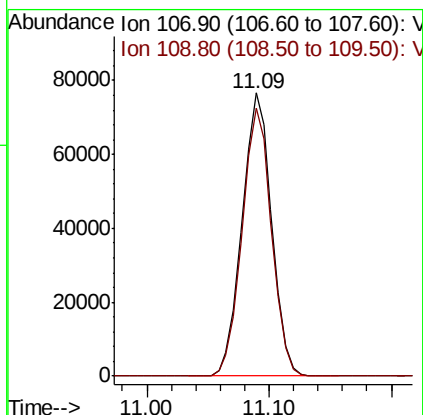
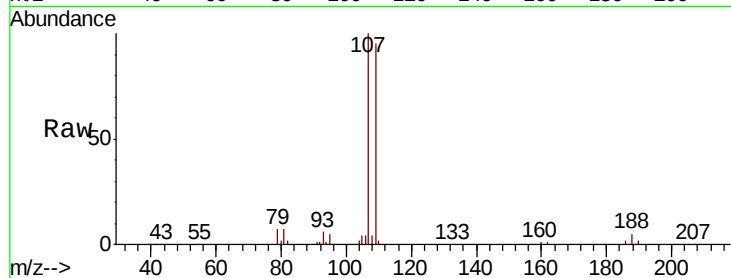




#61
 1,2-Dibromoethane
 Concen: 51.865 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

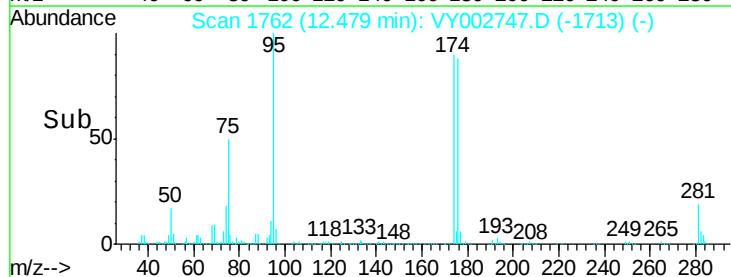
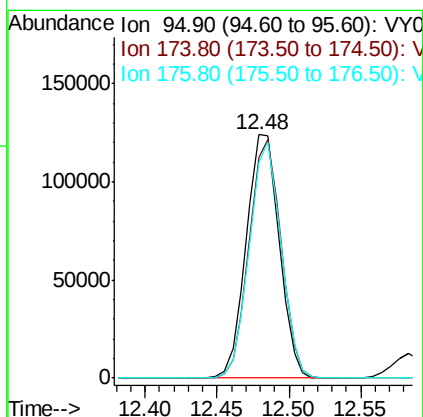
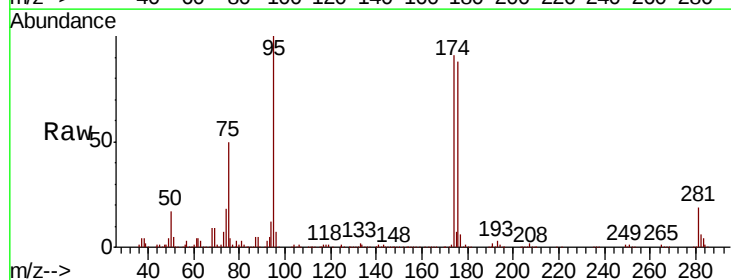
Instrument :
 MSVOA_Y
 ClientSampleId :

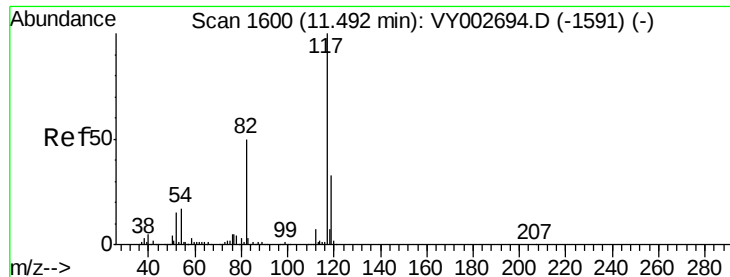
Tot Ion:107 Resp: 127966
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.339 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion: 95 Resp: 196335
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 191.4
 176 92.9 0.0 186.0

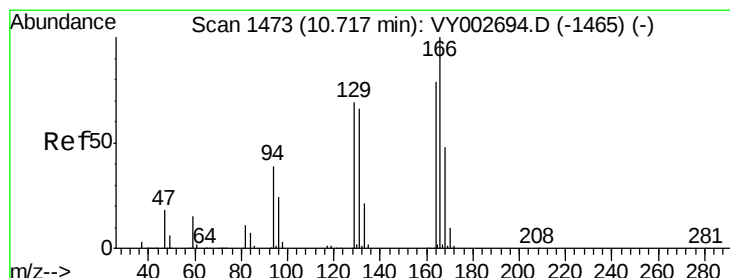
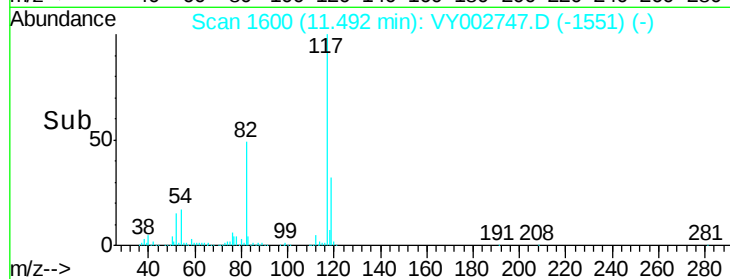
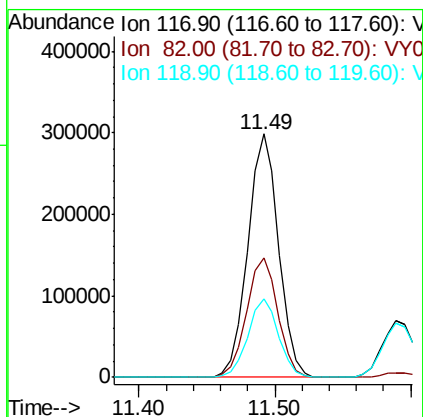
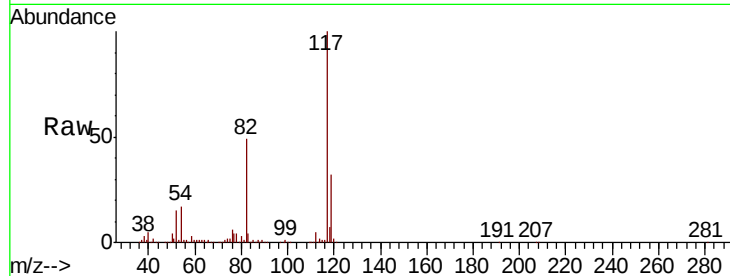




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

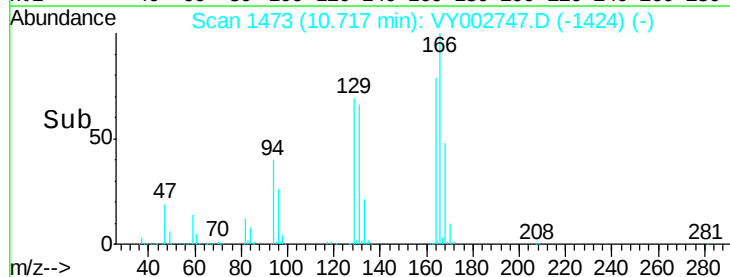
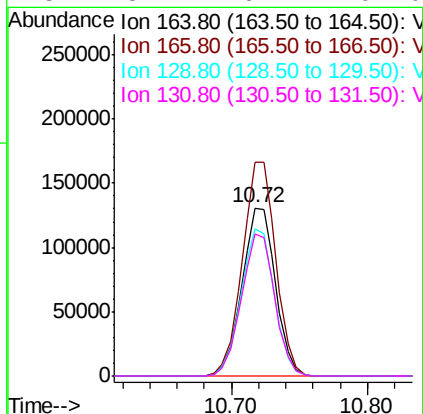
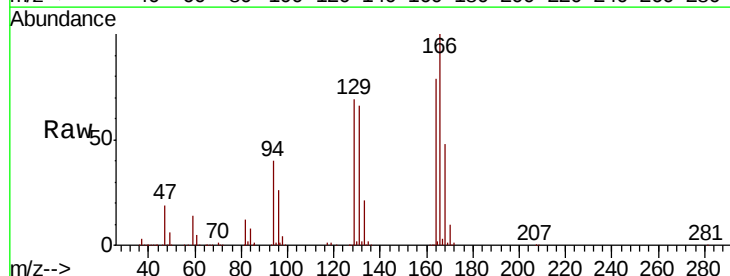
Instrument :
MSVOA_Y
ClientSampleId :

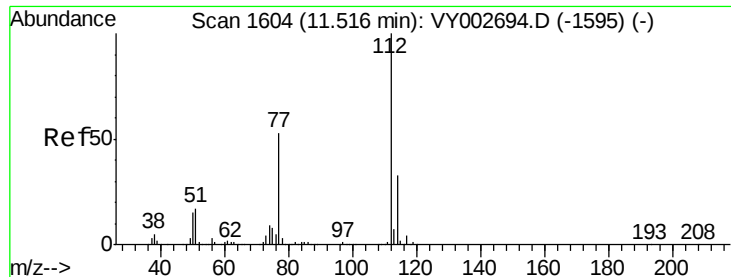
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.3	60.5
119	32.1	26.2	39.4



#64
Tetrachloroethene
Concen: 50.125 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.6	152.4
129	87.3	70.2	105.4
131	84.4	67.4	101.0

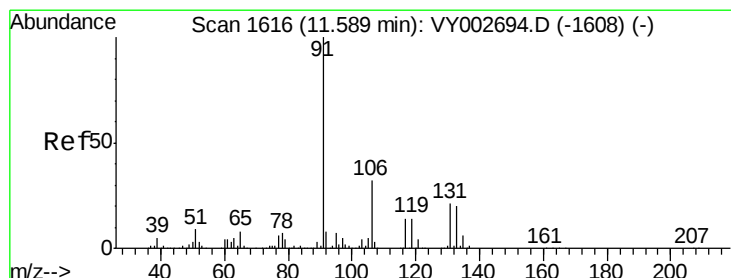
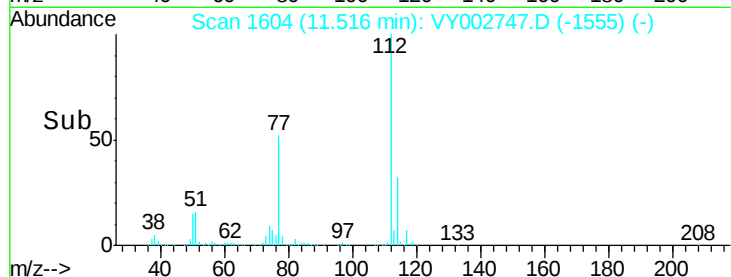
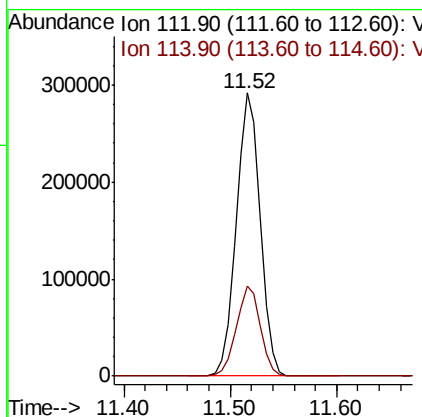
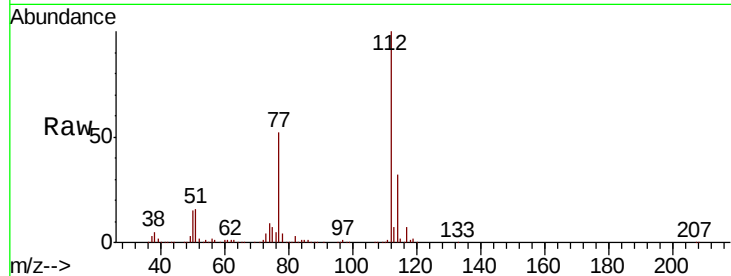




#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

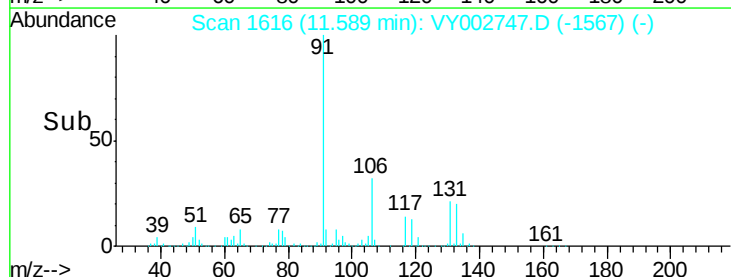
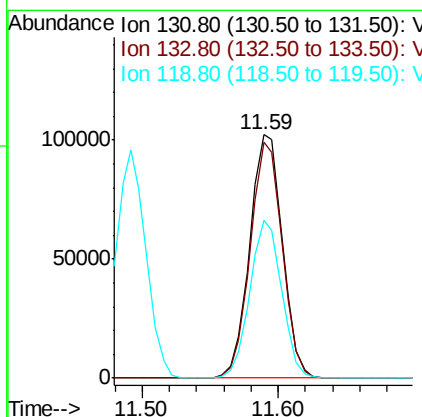
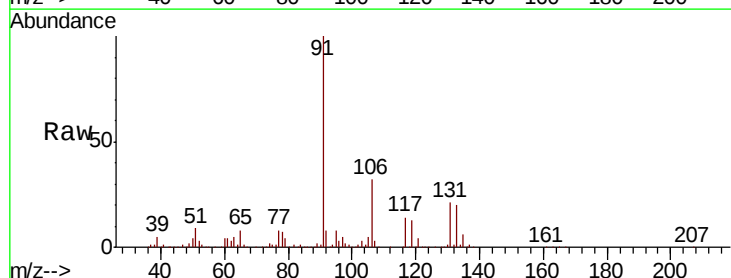
Instrument :
MSVOA_Y
ClientSampleId :

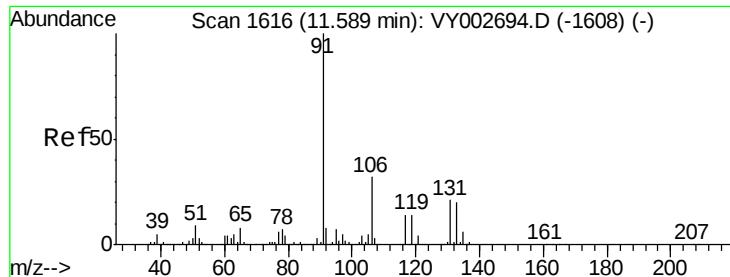
Tot Ion:112 Resp: 458834
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.947 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion:131 Resp: 172400
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 63.1 31.6 94.8





#67

Ethyl Benzene

Concen: 50.468 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

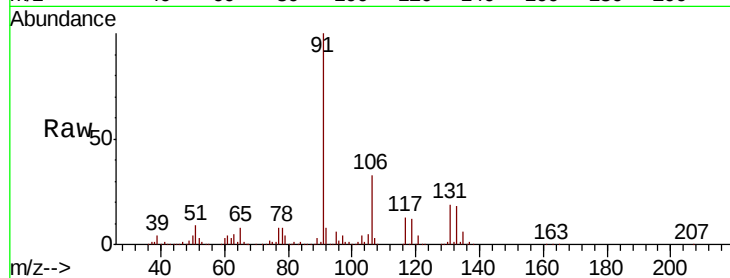
ClientSampleId :

Tot Ion: 91 Resp: 807941

Ion Ratio Lower Upper

91 100

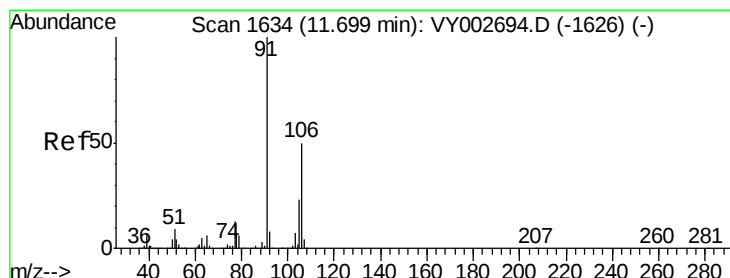
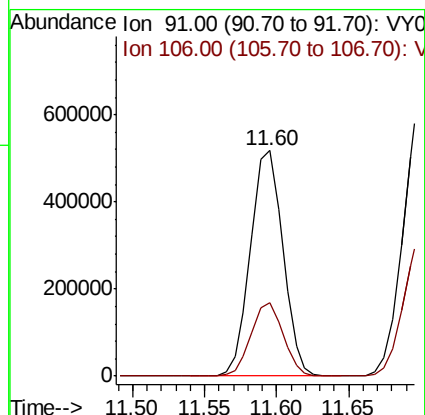
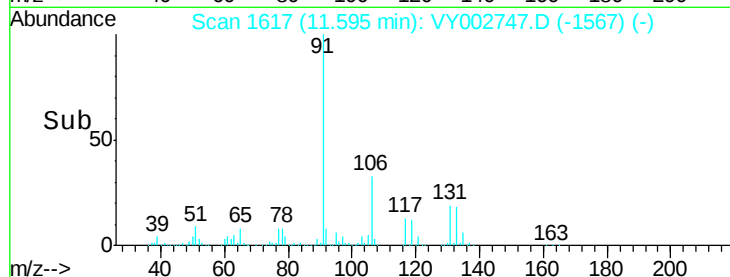
106 32.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VY002694.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY002694.D (-1608) (-)

Time--> 11.50 11.55 11.60 11.65



#68

m/p-Xylenes

Concen: 100.918 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002747.D

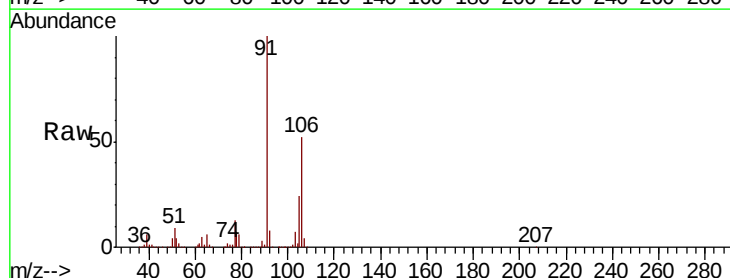
Acq: 22 May 2020 09:55

Tgt Ion: 106 Resp: 628549

Ion Ratio Lower Upper

106 100

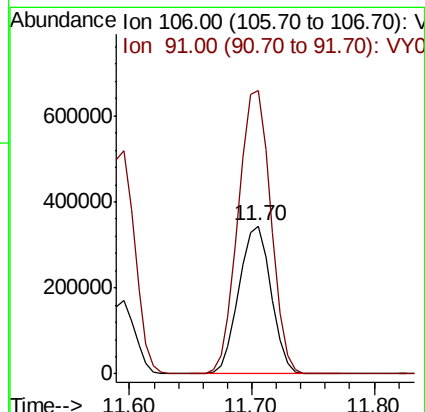
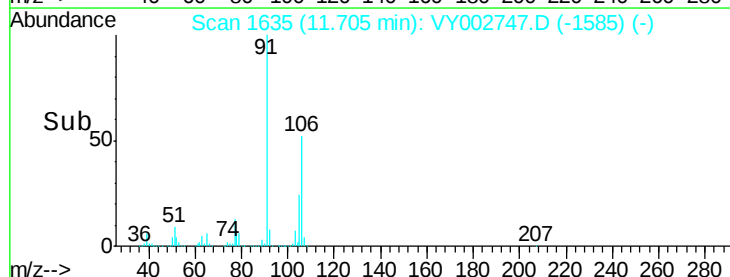
91 194.5 156.2 234.4

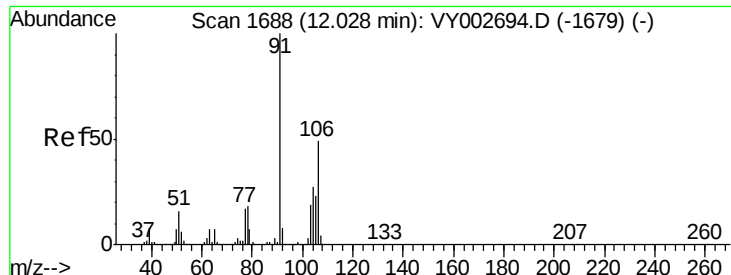


Abundance Ion 106.00 (105.70 to 106.70): VY002694.D (-1608) (-)

Ion 91.00 (90.70 to 91.70): VY002694.D (-1608) (-)

Time--> 11.60 11.70 11.80

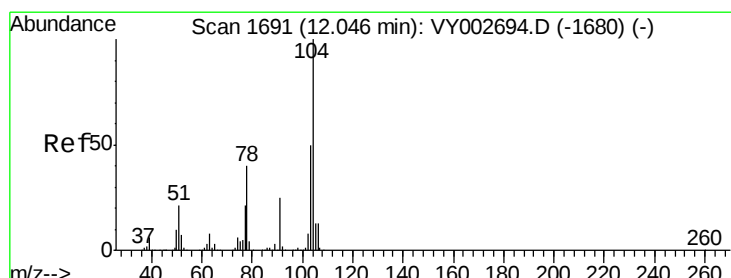
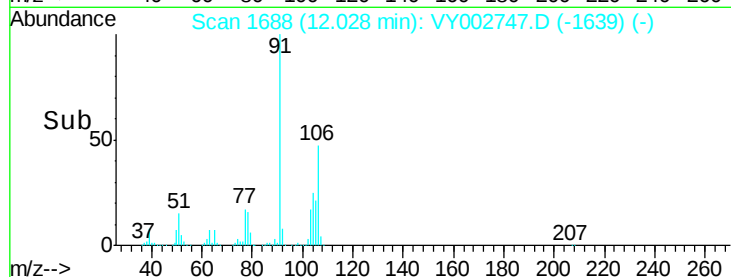
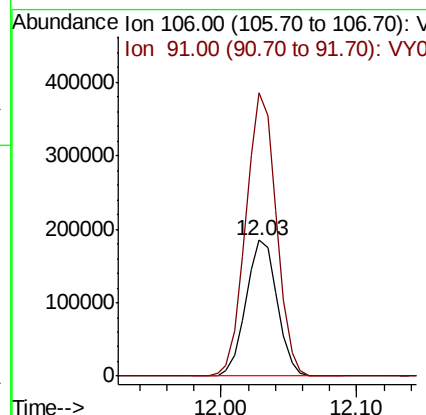
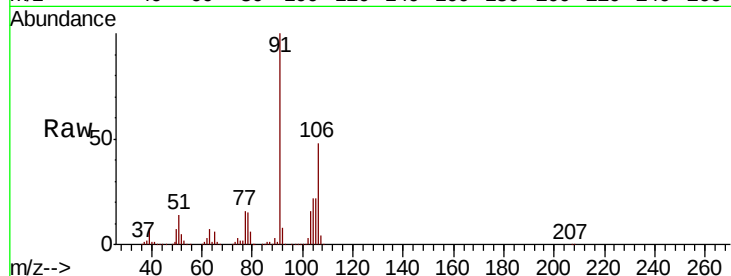




#69
o-Xylene
Concen: 50.654 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

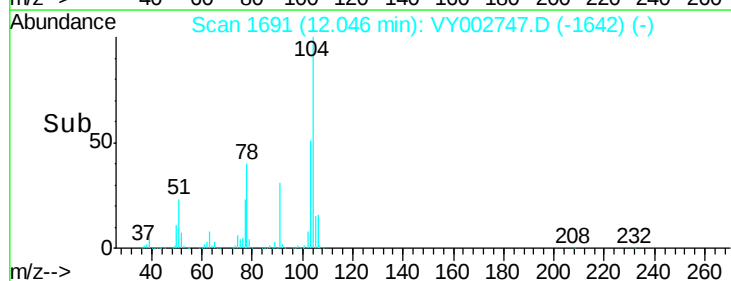
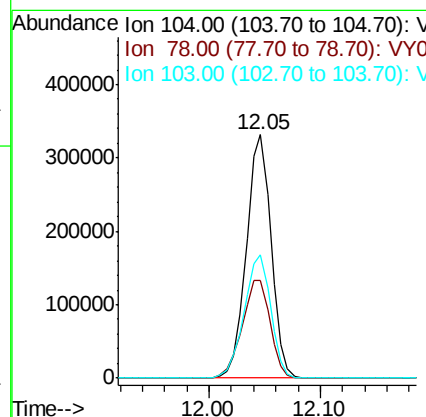
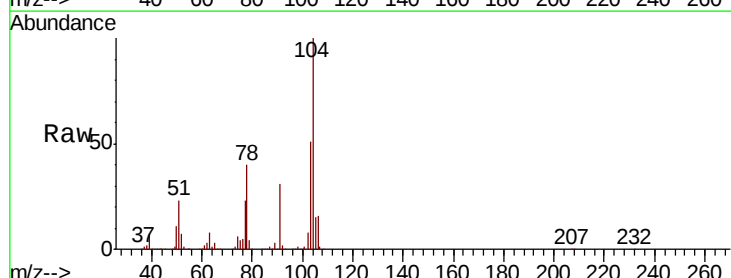
Instrument :
MSVOA_Y
ClientSampled :

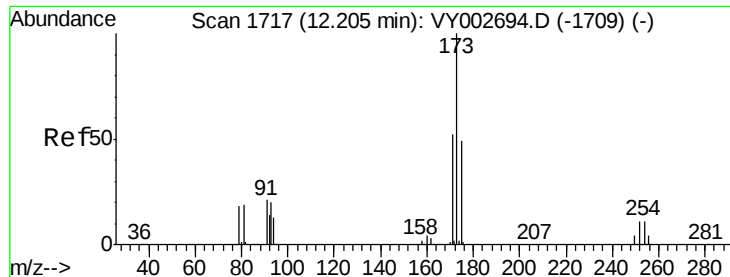
Tot Ion:106 Resp: 296111
Ion Ratio Lower Upper
106 100
91 204.4 103.5 310.3



#70
Styrene
Concen: 50.720 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion:104 Resp: 509064
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 54.8 44.1 66.1





#71

Bromoform

Concen: 53.124 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

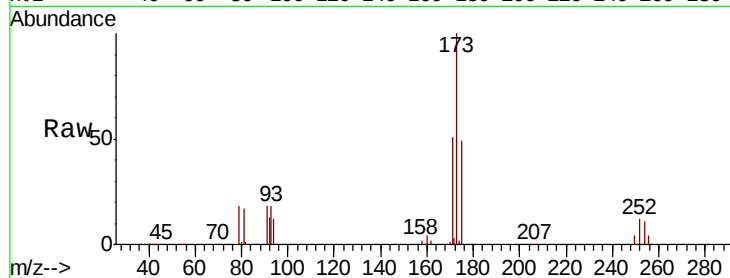
Tot Ion:173 Resp: 111122

Ion Ratio Lower Upper

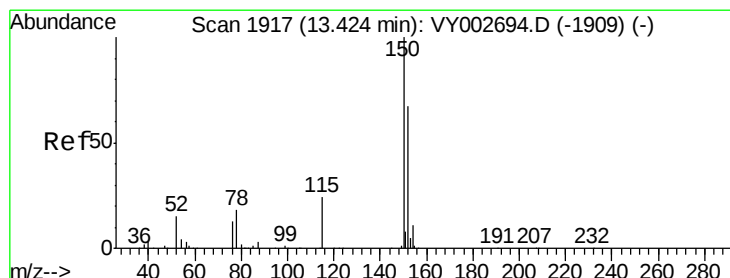
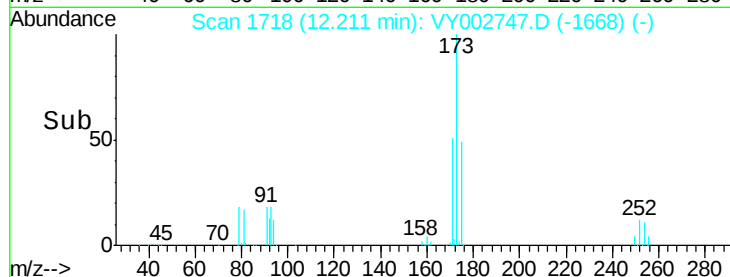
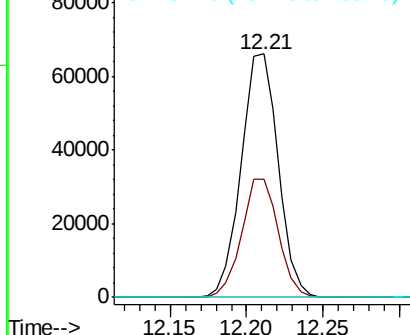
173 100

175 48.2 24.1 72.4

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

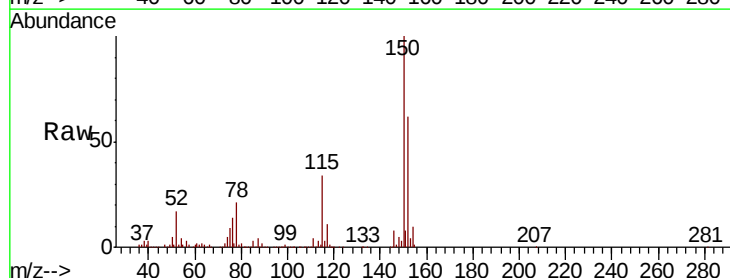
Tgt Ion:152 Resp: 245686

Ion Ratio Lower Upper

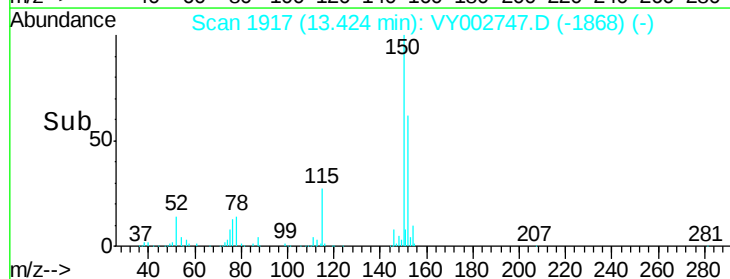
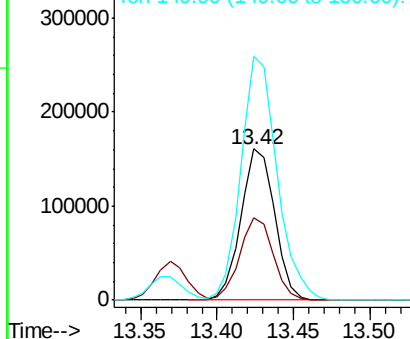
152 100

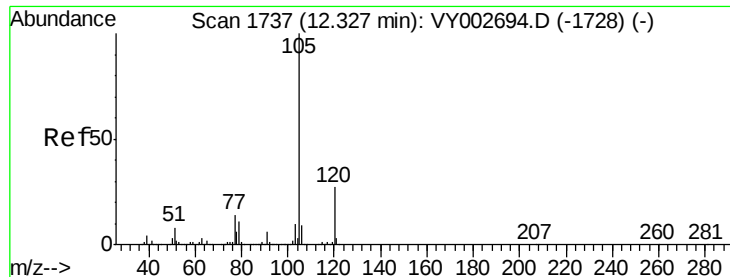
115 54.1 27.2 81.6

150 172.8 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.318 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

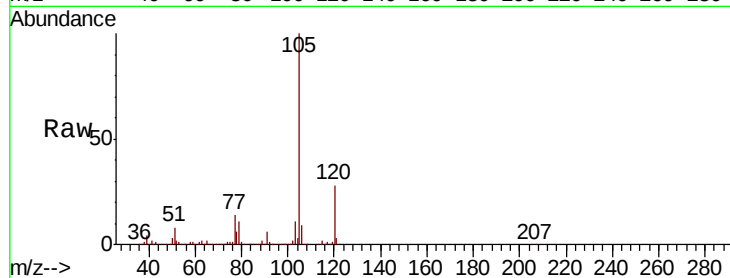
ClientSampleId :

Tot Ion: 105 Resp: 807781

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

500000

400000

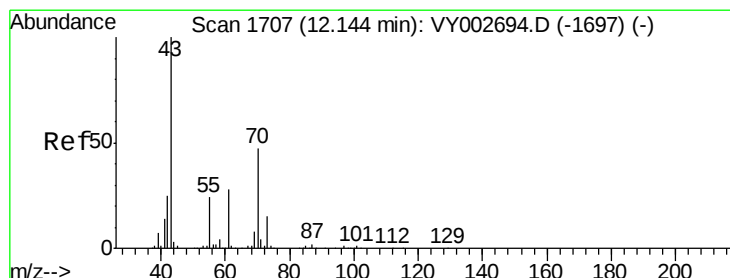
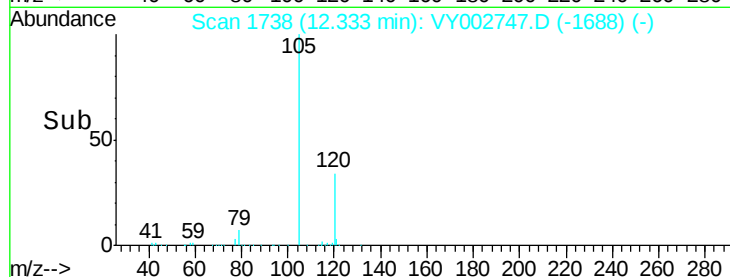
300000

200000

100000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 52.526 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Tgt Ion: 43 Resp: 197872

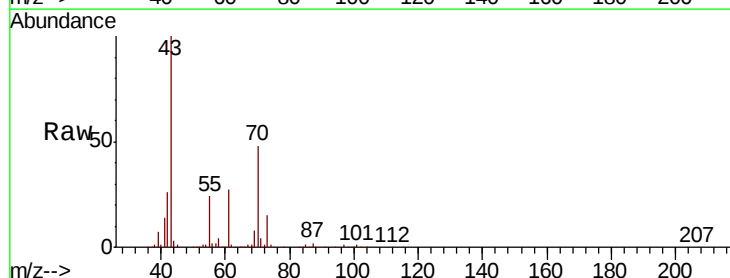
Ion Ratio Lower Upper

43 100

70 48.3 37.7 56.5

55 24.5 19.4 29.0

61 26.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

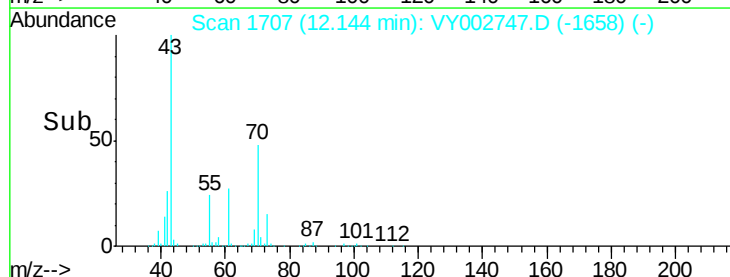
150000

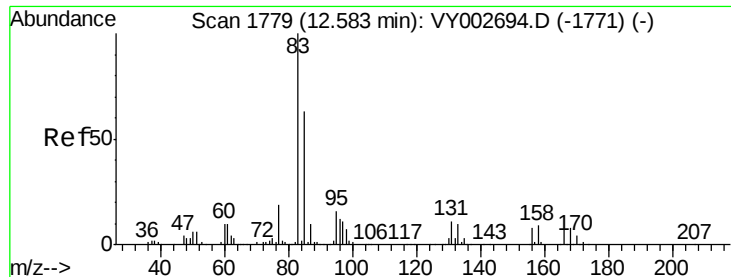
100000

50000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 52.924 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

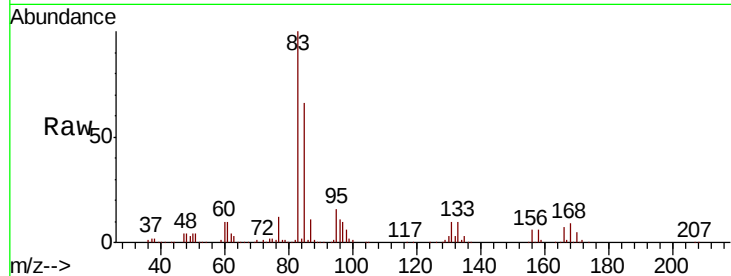
Tot Ion: 83 Resp: 125112

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.3

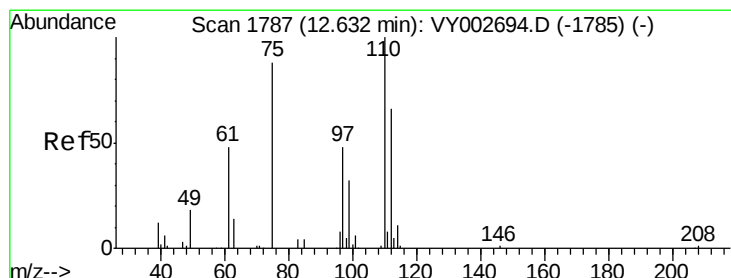
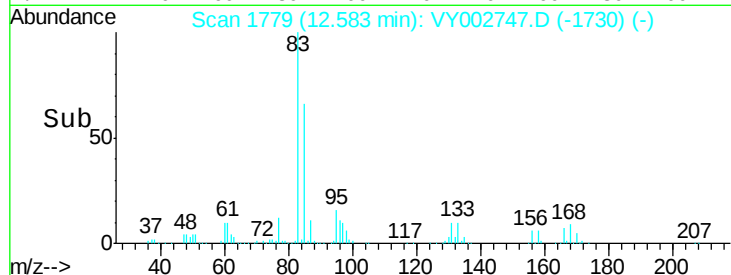
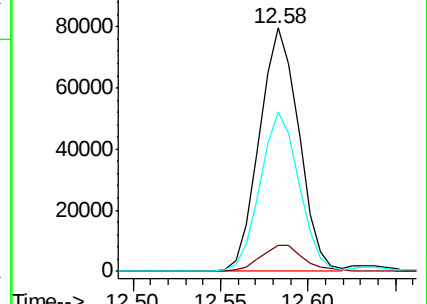
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VY002747.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002747.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002747.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 99.660 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002747.D

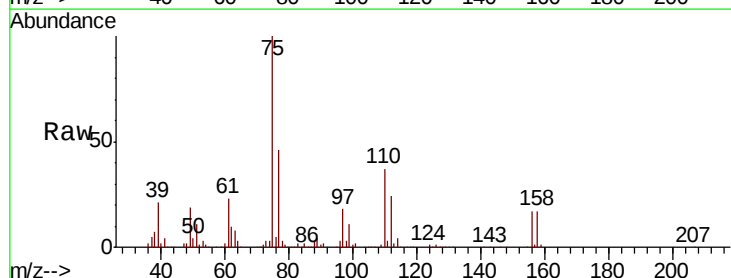
Acq: 22 May 2020 09:55

Tgt Ion: 75 Resp: 201136

Ion Ratio Lower Upper

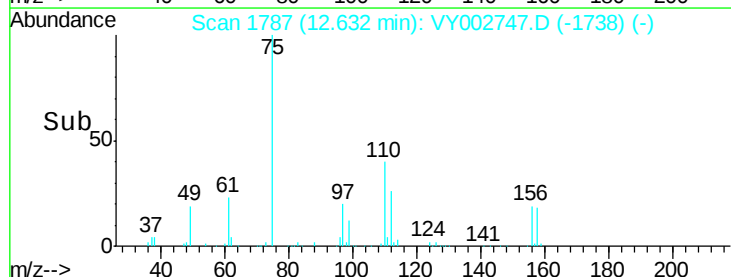
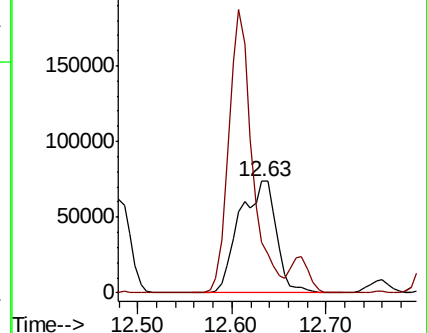
75 100

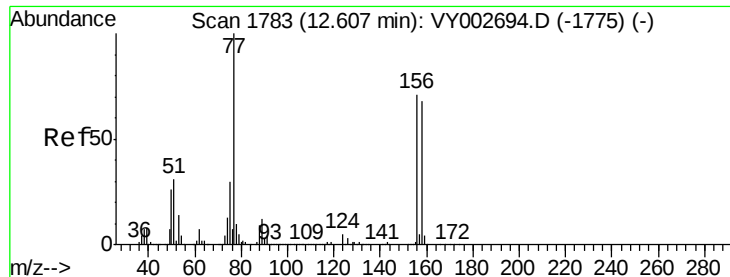
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002747.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002747.D (-1738) (-)





#77

Bromobenzene

Concen: 50.458 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

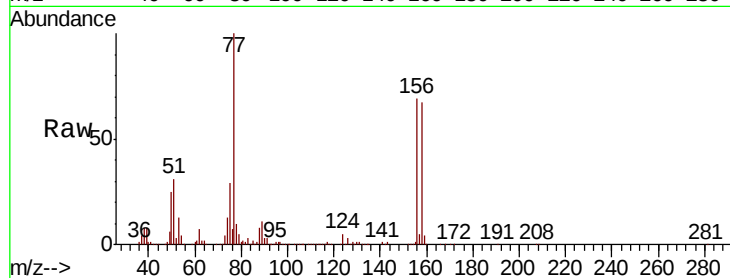
Tot Ion:156 Resp: 202514

Ion Ratio Lower Upper

156 100

77 161.3 80.8 242.3

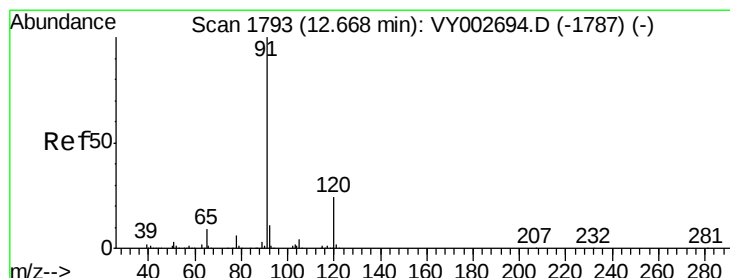
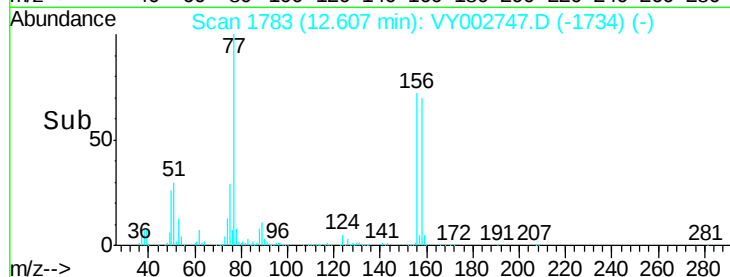
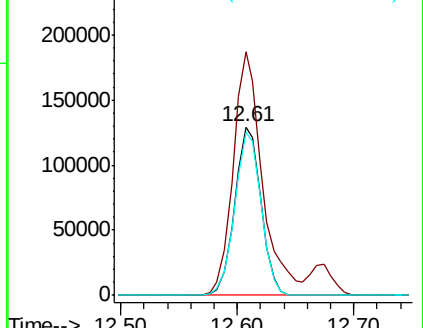
158 97.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.368 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002747.D

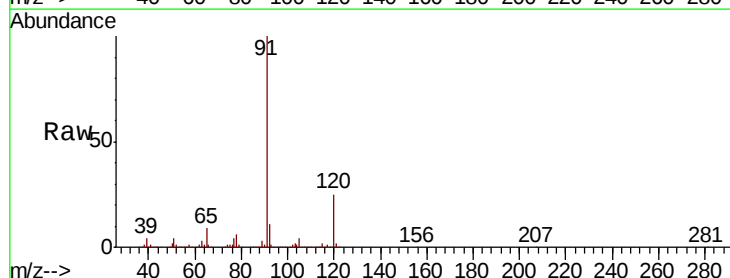
Acq: 22 May 2020 09:55

Tgt Ion: 91 Resp: 940629

Ion Ratio Lower Upper

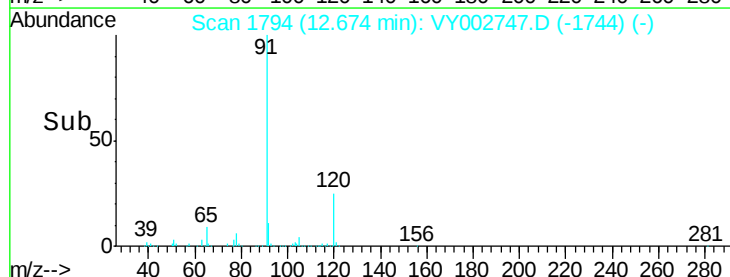
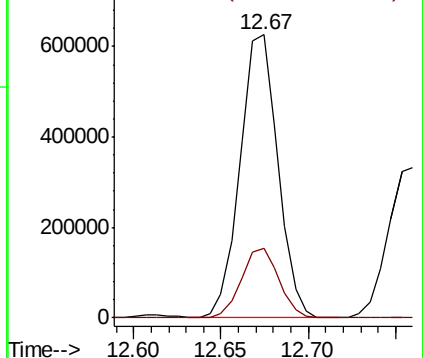
91 100

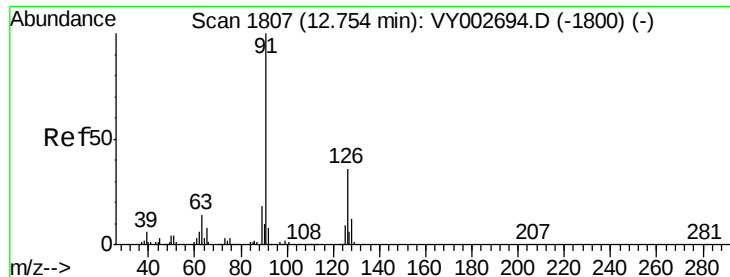
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

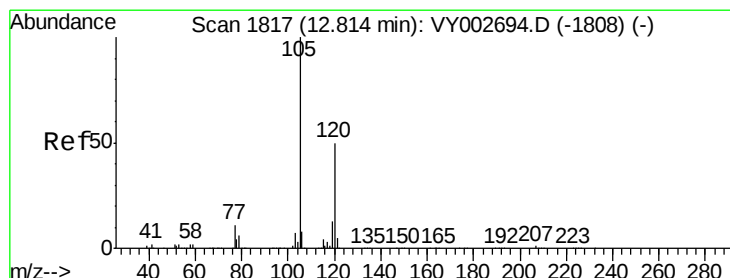
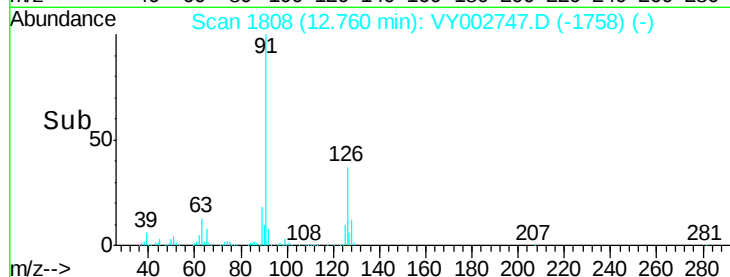
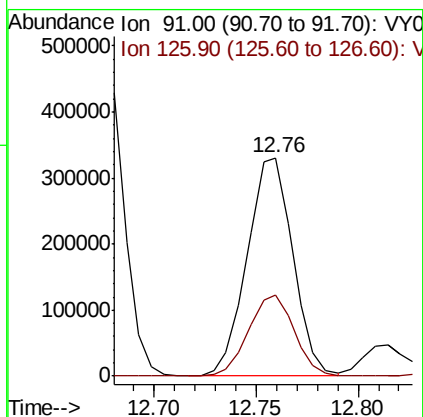
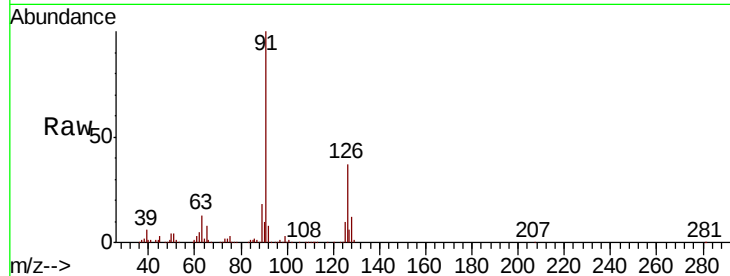




#79
 2-Chlorotoluene
 Concen: 49.933 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

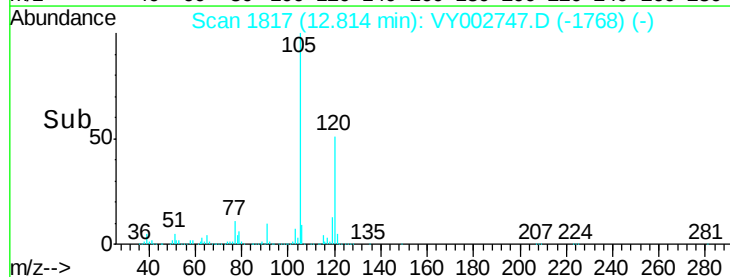
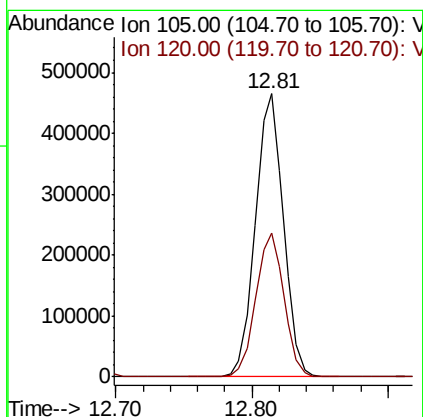
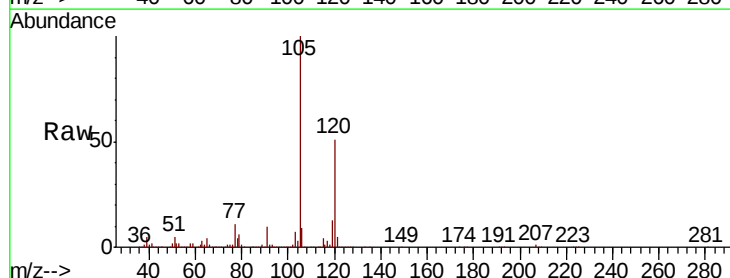
Instrument :
 MSVOA_Y
 ClientSampleId :

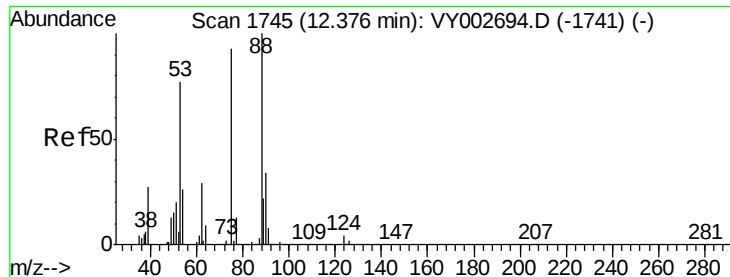
Tot Ion: 91 Resp: 517211
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.896 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion: 105 Resp: 673048
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.383 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

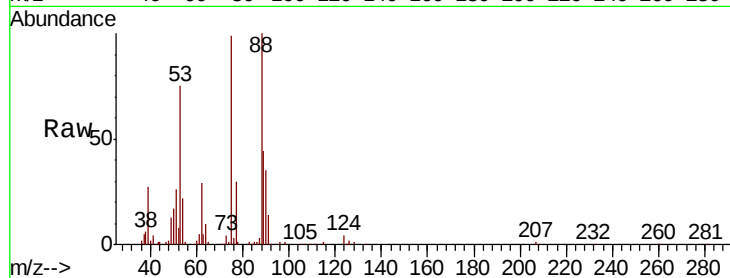
Tot Ion: 75 Resp: 58036

Ion Ratio Lower Upper

75 100

53 80.4 65.0 97.6

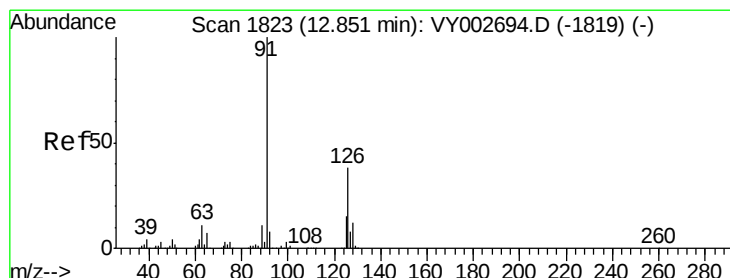
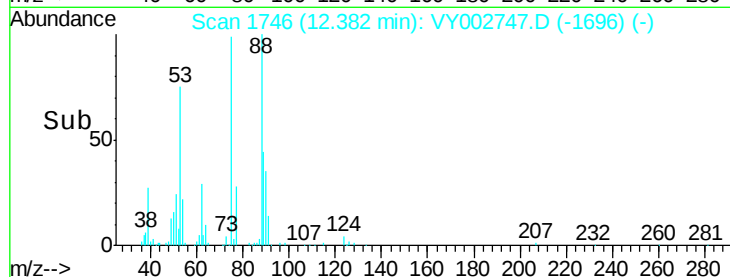
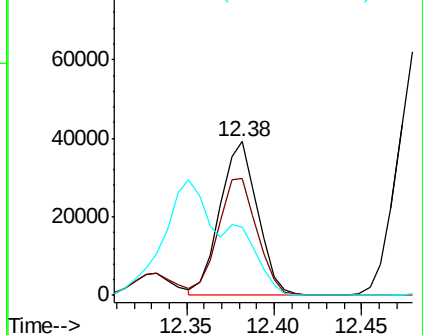
89 0.0 66.6 99.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.216 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002747.D

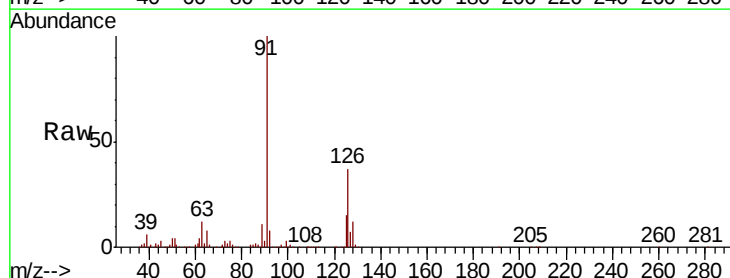
Acq: 22 May 2020 09:55

Tgt Ion: 91 Resp: 544839

Ion Ratio Lower Upper

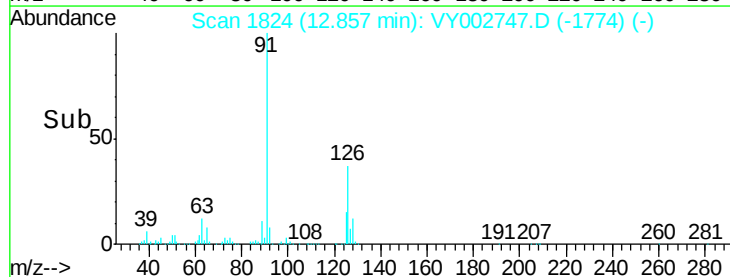
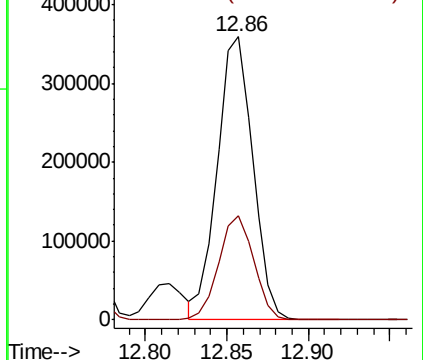
91 100

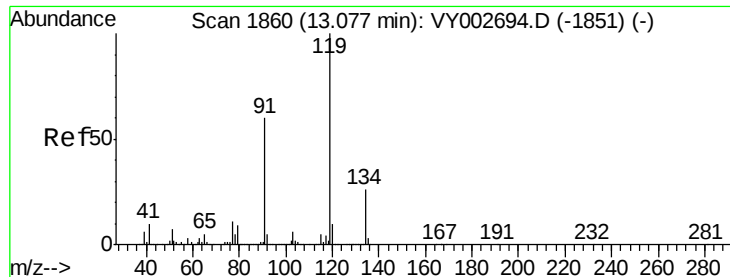
126 36.6 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

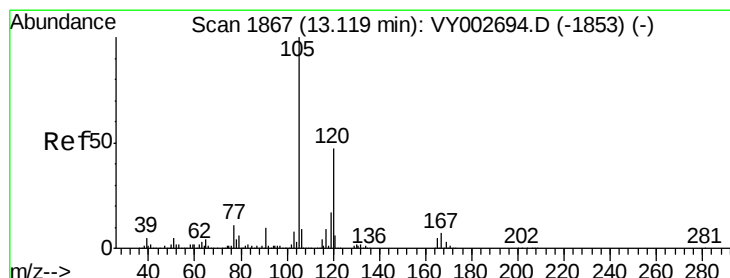
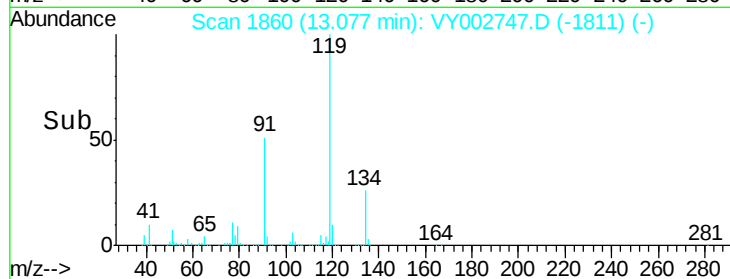
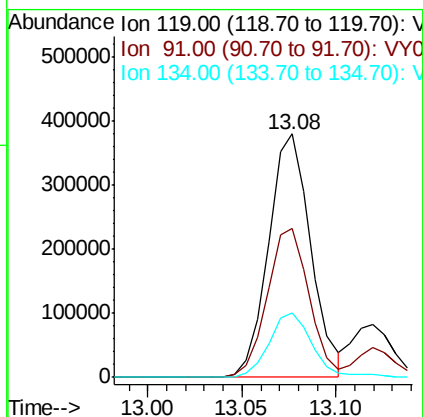
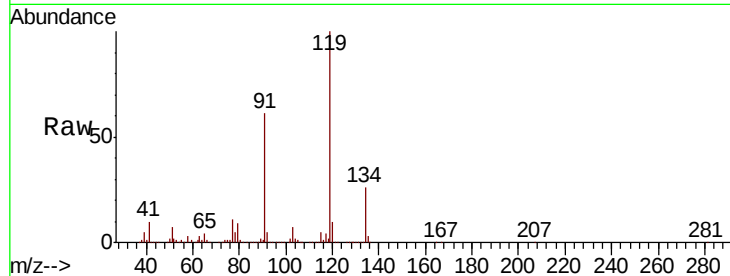




#83
tert-Butylbenzene
Concen: 49.546 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

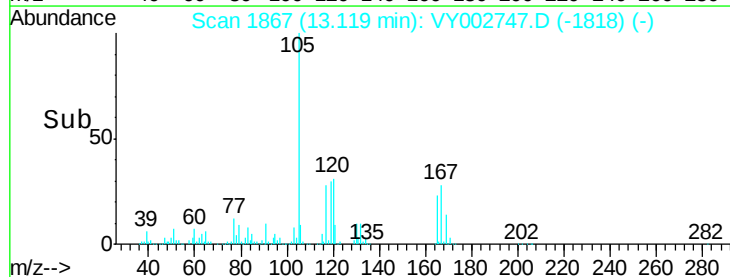
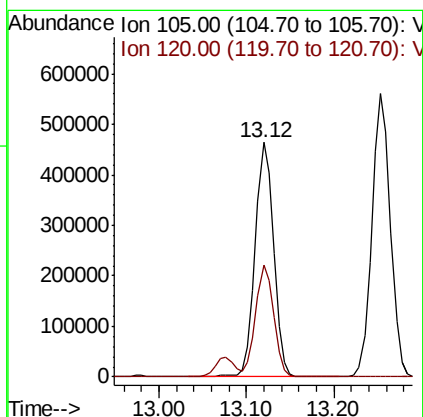
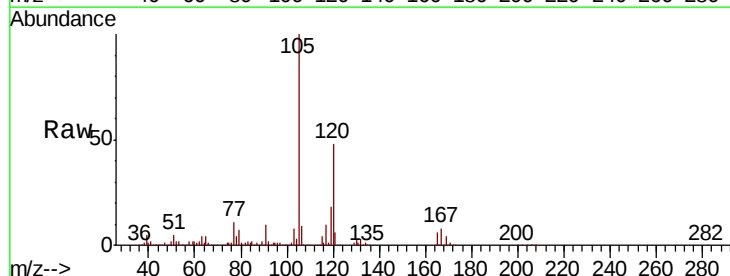
Instrument :
MSVOA_Y
ClientSampleId :

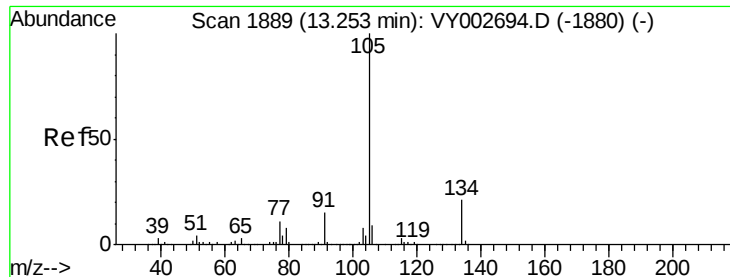
Tot Ion:119 Resp: 591484
Ion Ratio Lower Upper
119 100
91 60.6 30.4 91.2
134 27.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 50.241 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion:105 Resp: 677292
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5





#85

sec-Butylbenzene

Concen: 50.024 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

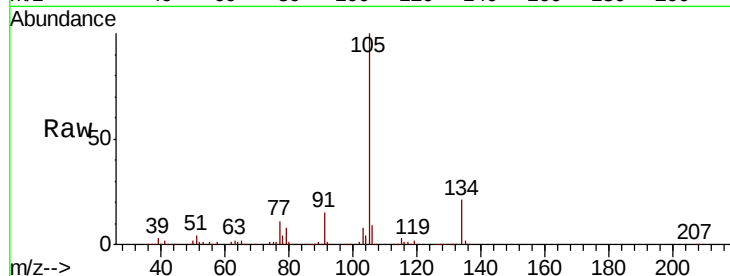
ClientSampleId :

Tot Ion:105 Resp: 824060

Ion Ratio Lower Upper

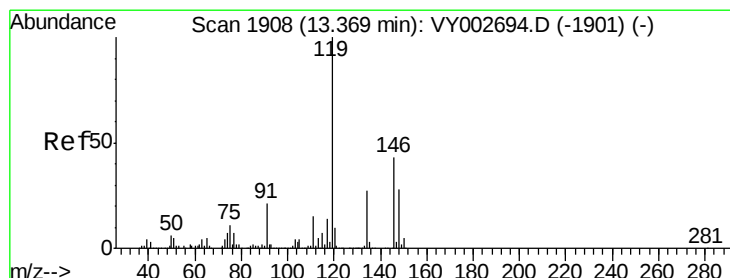
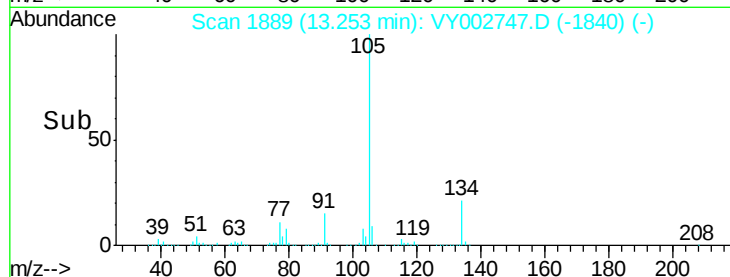
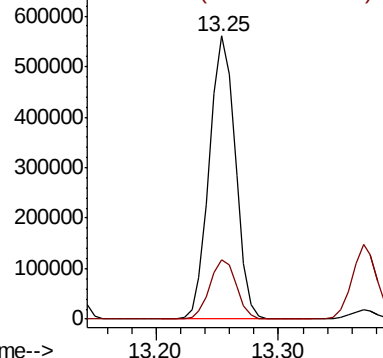
105 100

134 21.3 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.156 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

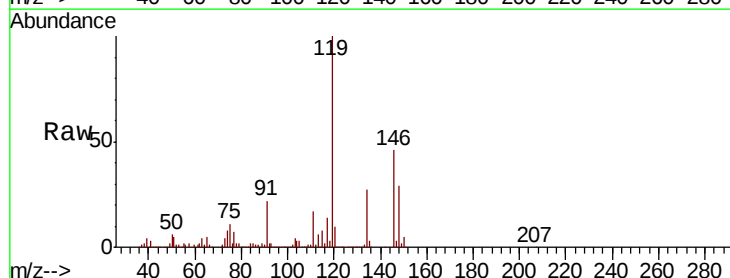
Tgt Ion:119 Resp: 773392

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

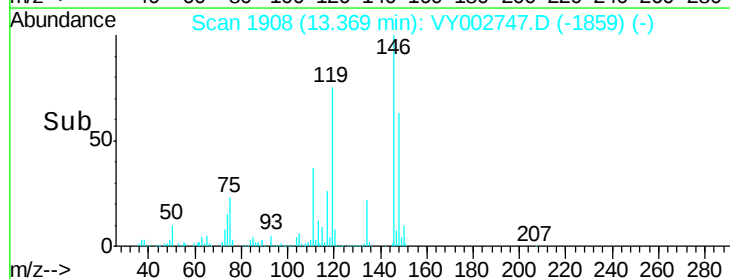
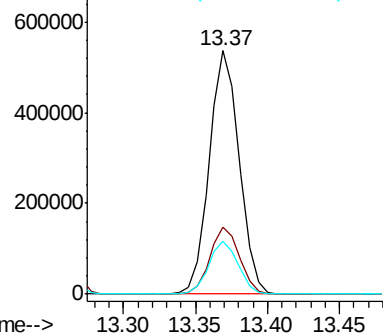
91 21.5 10.8 32.3

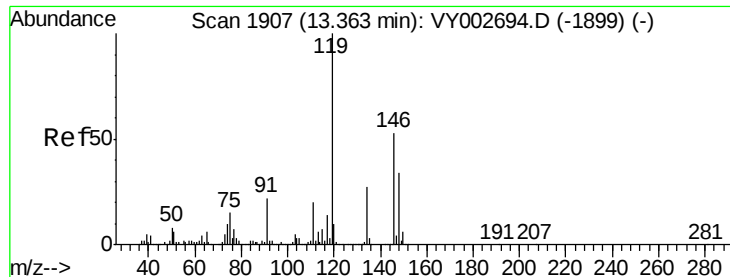


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

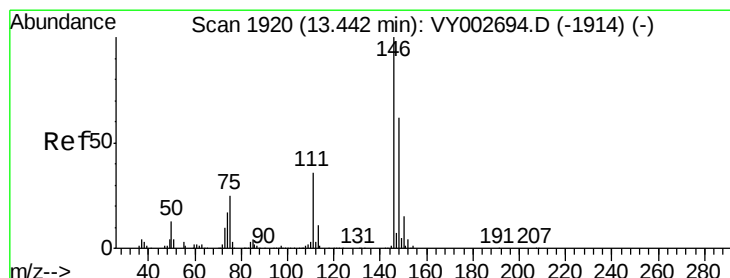
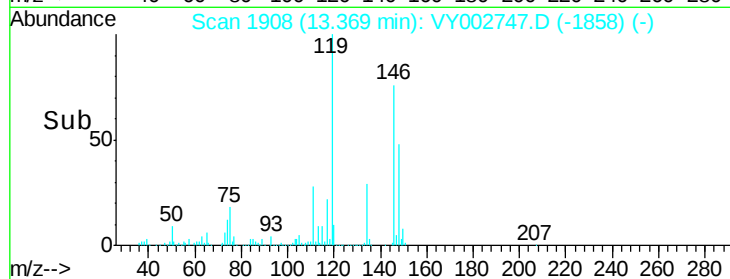
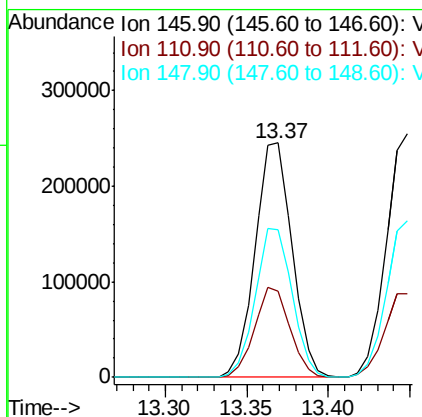
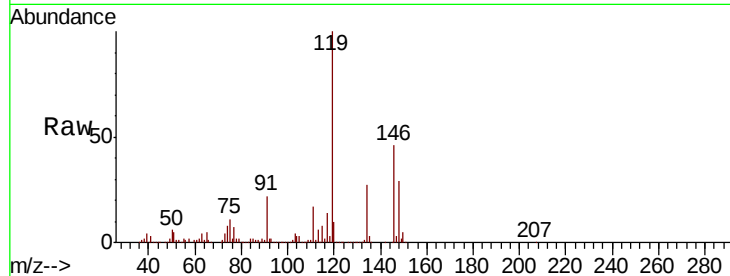




#87
 1,3-Dichlorobenzene
 Concen: 49.684 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

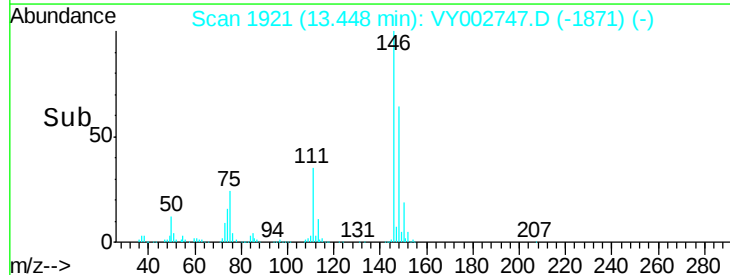
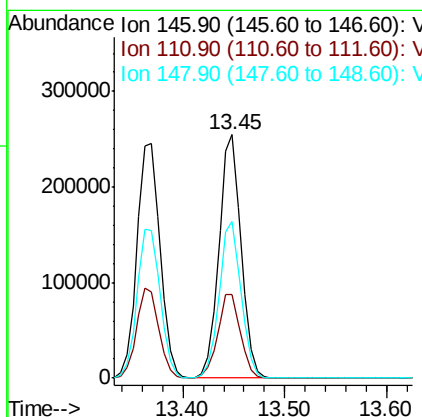
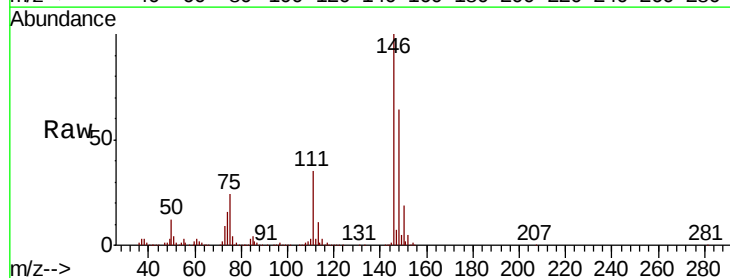
Instrument :
 MSVOA_Y
 ClientSampleId :

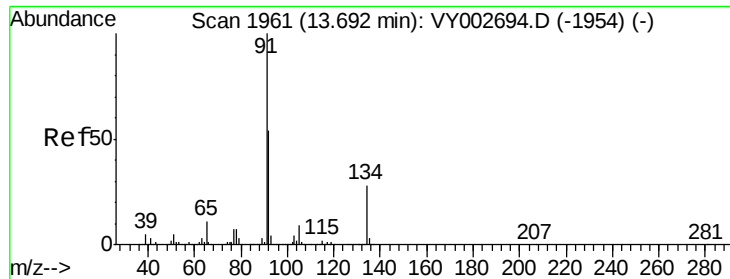
Tot Ion:146 Resp: 384477
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.5 55.5
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.696 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion:146 Resp: 382865
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 64.3 31.8 95.3

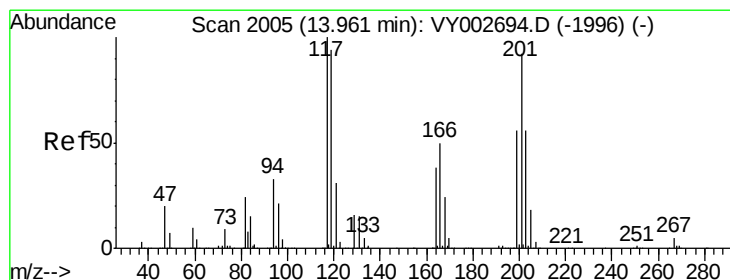
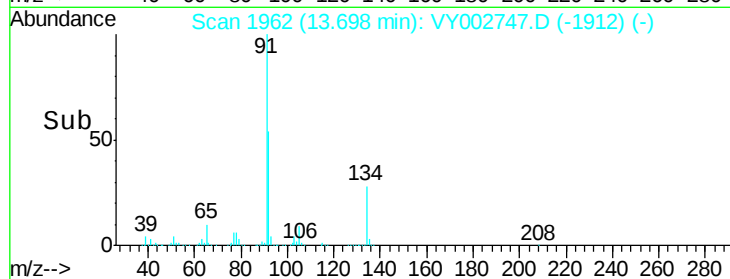
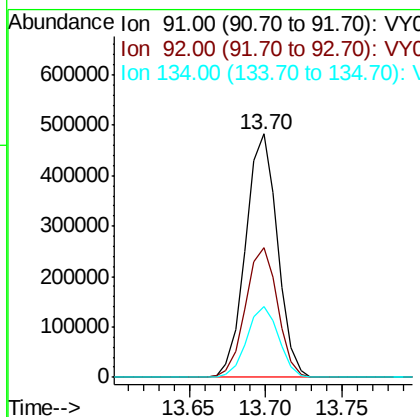
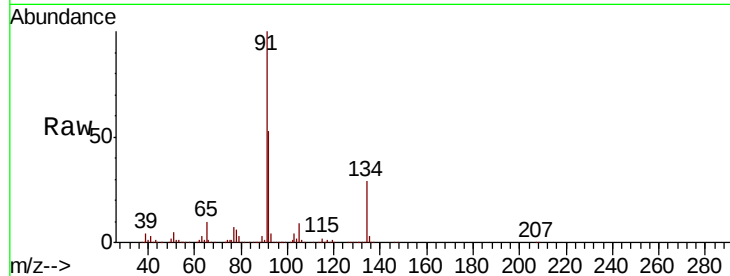




#89
n-Butylbenzene
Concen: 49.251 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

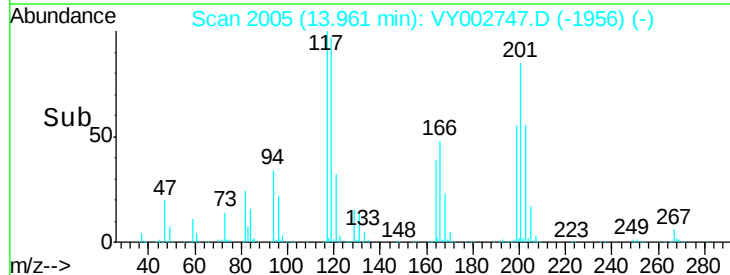
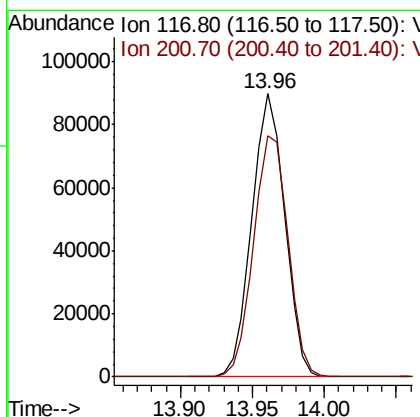
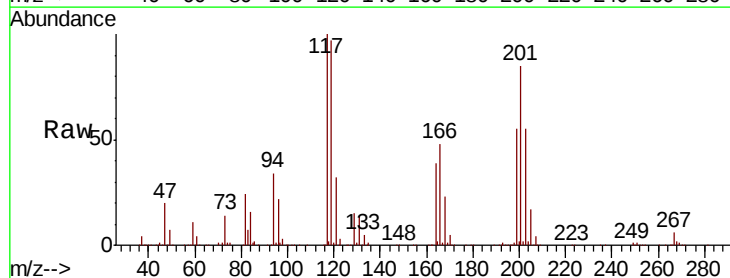
Instrument :
MSVOA_Y
ClientSampled :

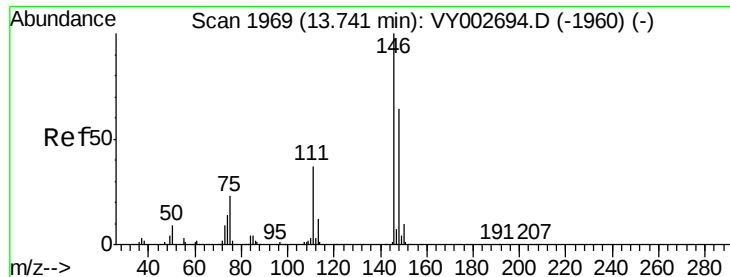
Tot Ion: 91 Resp: 697408
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 29.0 14.5 43.5



#90
Hexachloroethane
Concen: 49.673 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002747.D
Acq: 22 May 2020 09:55

Tgt Ion: 117 Resp: 141867
Ion Ratio Lower Upper
117 100
201 89.2 44.9 134.7

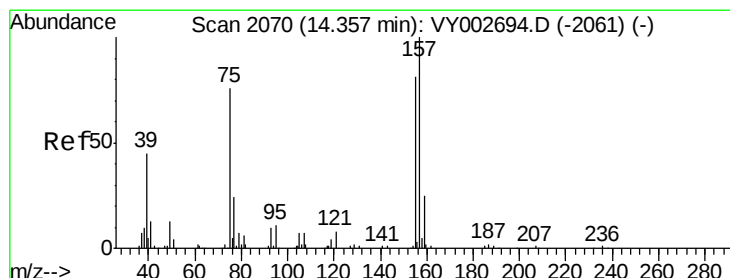
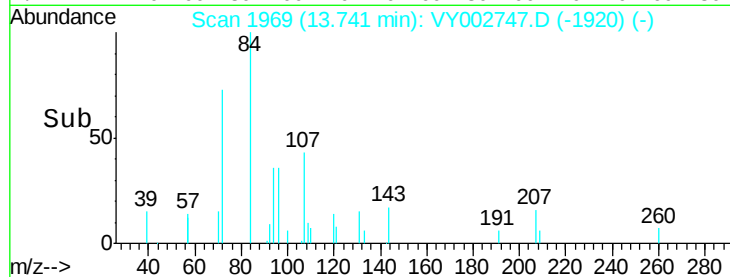
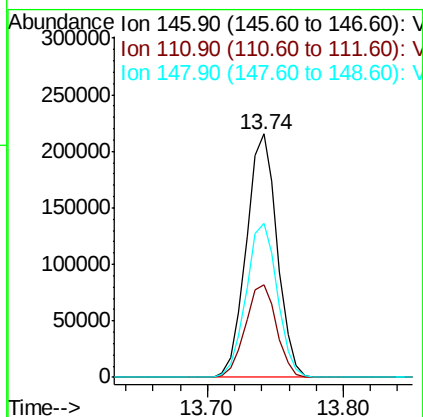
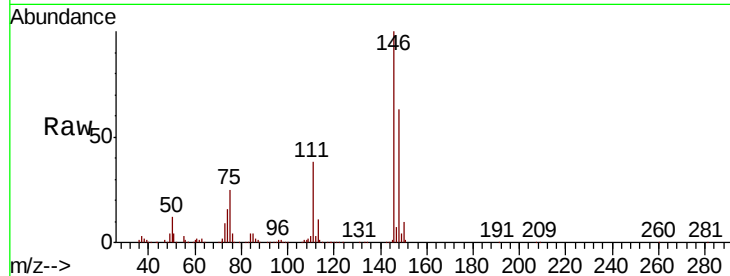




#91
 1,2-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

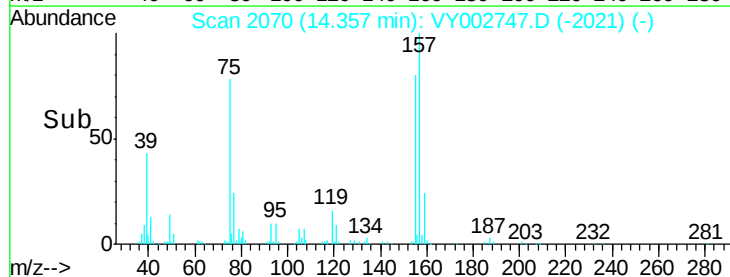
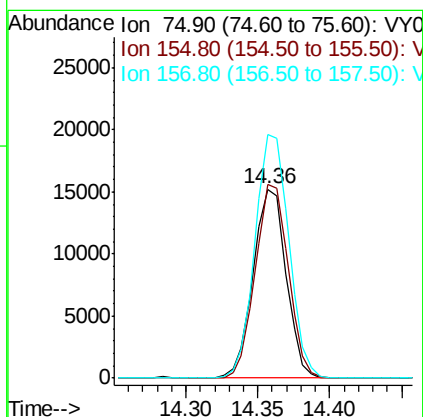
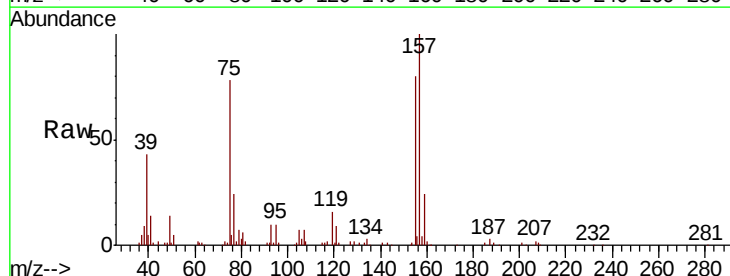
Instrument :
 MSVOA_Y
 ClientSampled :

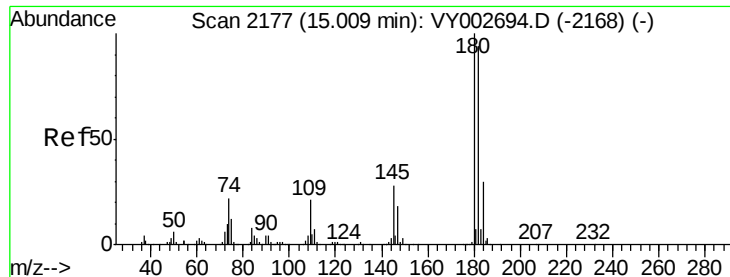
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.1	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.240 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	53.5	160.7
157	131.5	67.9	203.7

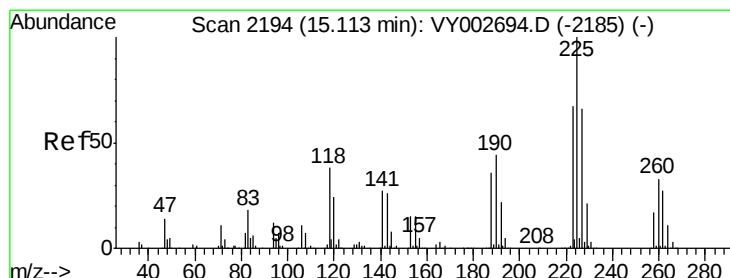
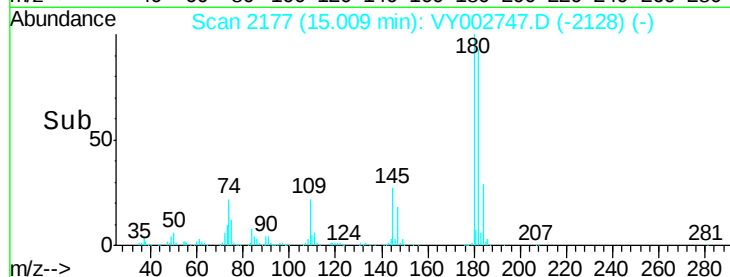
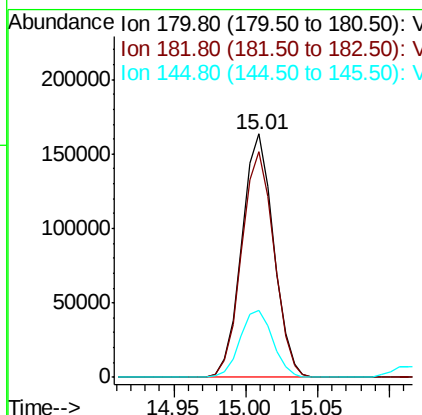
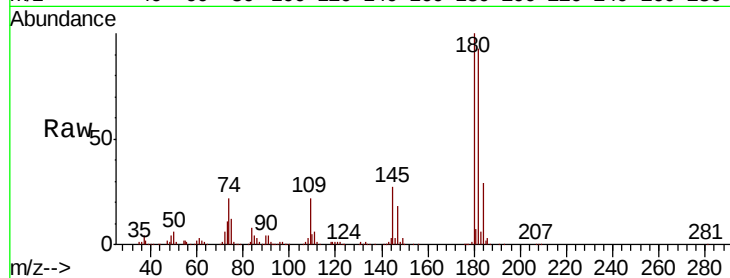




#93
 1,2,4-Trichlorobenzene
 Concen: 49.999 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

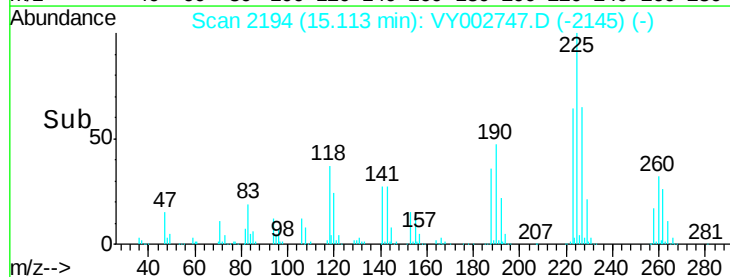
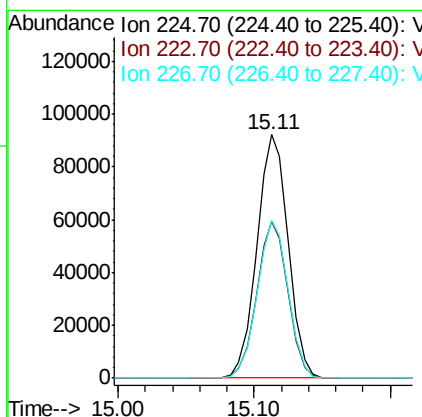
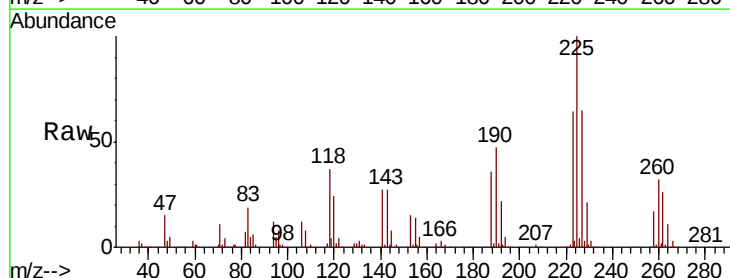
Instrument :
 MSVOA_Y
 ClientSampled :

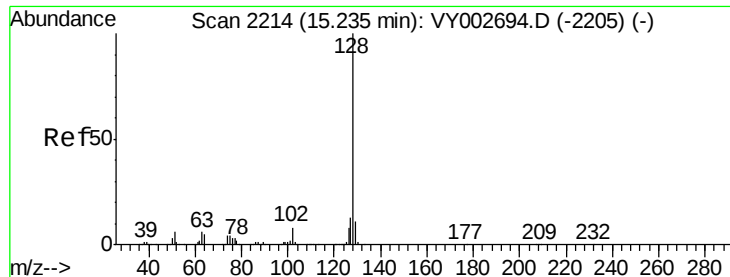
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 49.664 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002747.D
 Acq: 22 May 2020 09:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	94.8
227	64.1	32.2	96.6





#95

Naphthalene

Concen: 47.836 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

Instrument :

MSVOA_Y

ClientSampleId :

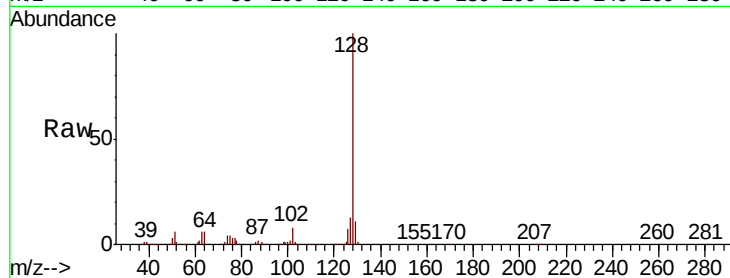
Tot Ion:128 Resp: 457217

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

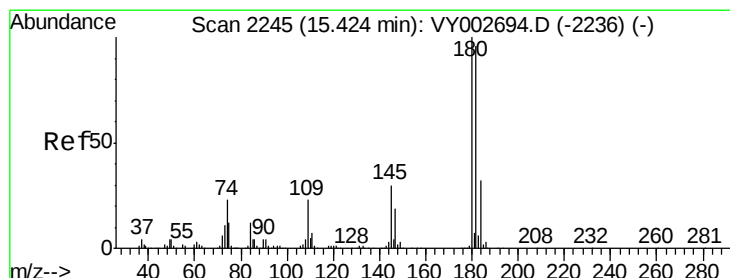
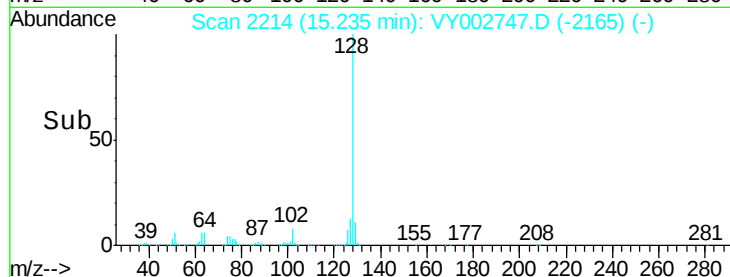
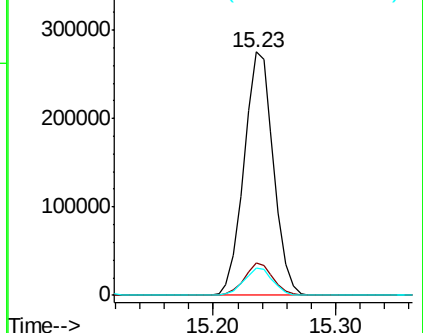
129 11.1 8.7 13.1



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: 49.878 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY002747.D

Acq: 22 May 2020 09:55

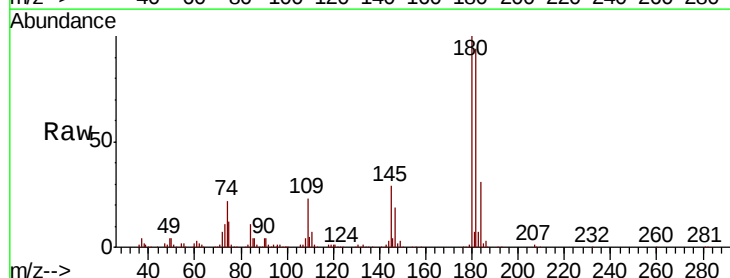
Tgt Ion:180 Resp: 212398

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 29.0 15.1 45.3



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

