

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003516.D
 Acq On : 05 Nov 2020 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 23:47:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	359762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178915	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	119087	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
35) Dibromofluoromethane	7.72	113	105183	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	10.18	98	431671	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.48	95	145740	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	90919	45.167	ug/l	100
3) Chloromethane	2.12	50	123487	46.599	ug/l	99
4) Vinyl Chloride	2.26	62	138036	46.404	ug/l	100
5) Bromomethane	2.66	94	101575	40.870	ug/l	99
6) Chloroethane	2.80	64	86053	48.536	ug/l	99
7) Trichlorofluoromethane	3.13	101	180623	47.838	ug/l	99
8) Diethyl Ether	3.54	74	56819	49.072	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103592	49.640	ug/l	100
10) Methyl Iodide	4.10	142	106735	49.846	ug/l	99
11) Tert butyl alcohol	4.97	59	55495	210.882	ug/l	99
12) 1,1-Dichloroethene	3.88	96	100592	48.447	ug/l	98
13) Acrolein	3.74	56	37475	173.132	ug/l	98
14) Allyl chloride	4.49	41	178064	47.006	ug/l	99
15) Acrylonitrile	5.18	53	137355	222.237	ug/l	99
16) Acetone	3.96	43	208802	242.678	ug/l	99
17) Carbon Disulfide	4.20	76	316123	46.997	ug/l	100
18) Methyl Acetate	4.49	43	71468	43.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	252370	49.074	ug/l	99
20) Methylene Chloride	4.72	84	110319	45.528	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	115646	48.101	ug/l	97
22) Diisopropyl ether	6.13	45	330353	49.721	ug/l	98
23) Vinyl Acetate	6.07	43	1192151	238.772	ug/l	100
24) 1,1-Dichloroethane	6.03	63	205217	48.605	ug/l	100
25) 2-Butanone	6.99	43	247517	230.009	ug/l	100
26) 2,2-Dichloropropane	6.99	77	190242	48.366	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	127859	49.079	ug/l	100
28) Bromochloromethane	7.34	49	100272	47.209	ug/l	100
29) Tetrahydrofuran	7.35	42	123828	220.214	ug/l	99
30) Chloroform	7.51	83	205450	49.543	ug/l	100
31) Cyclohexane	7.79	56	179339	45.875	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	189434	48.966	ug/l	100
36) 1,1-Dichloropropene	7.92	75	167560	49.399	ug/l	100
37) Ethyl Acetate	7.08	43	92109	43.731	ug/l	99
38) Carbon Tetrachloride	7.91	117	174451	49.575	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	184813	48.932	ug/l	99
40) Benzene	8.16	78	461774	48.919	ug/l	100
41) Methacrylonitrile	7.35	41	120524	107.155	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	141160	47.725	ug/l	100
43) Isopropyl Acetate	8.28	43	172055	45.453	ug/l	98
44) Trichloroethene	8.94	130	132268	49.912	ug/l	96
45) 1,2-Dichloropropane	9.22	63	119537	50.145	ug/l	100
46) Dibromomethane	9.31	93	63636	48.522	ug/l	98
47) Bromodichloromethane	9.50	83	160143	49.889	ug/l	99
48) Methyl methacrylate	9.29	41	82139	46.064	ug/l	97
49) 1,4-Dioxane	9.30	88	14558	889.628	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	464201	230.163	ug/l	100
52) Toluene	10.24	92	295203	50.000	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168088	49.205	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	194286	50.542	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	91718	49.265	ug/l	97
56) Ethyl methacrylate	10.51	69	123724	49.616	ug/l	99
57) 1,3-Dichloropropane	10.79	76	161694	49.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	305836	241.933	ug/l	99
59) 2-Hexanone	10.83	43	355394	237.996	ug/l	99
60) Dibromochloromethane	10.99	129	116252	50.805	ug/l	100
61) 1,2-Dibromoethane	11.09	107	87849	48.877	ug/l	98
64) Tetrachloroethene	10.72	164	122658	49.793	ug/l	97
65) Chlorobenzene	11.52	112	319596	49.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	121601	50.317	ug/l	99
67) Ethyl Benzene	11.59	91	579910	49.907	ug/l	99
68) m/p-Xylenes	11.70	106	444744	101.000	ug/l	98
69) o-Xylene	12.03	106	206350	50.943	ug/l	100
70) Styrene	12.04	104	353718	51.430	ug/l	99
71) Bromoform	12.20	173	78917	48.991	ug/l	99
73) Isopropylbenzene	12.33	105	567218	48.533	ug/l	100
74) N-amyl acetate	12.14	43	153607	46.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115612	46.312	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	152246	80.424	ug/l #	100
77) Bromobenzene	12.61	156	144375	48.620	ug/l	99
78) n-propylbenzene	12.67	91	680300	49.418	ug/l	99
79) 2-Chlorotoluene	12.75	91	374592	48.704	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	483775	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41422	45.670	ug/l	97
82) 4-Chlorotoluene	12.85	91	391747	48.740	ug/l	99
83) tert-Butylbenzene	13.07	119	416885	48.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	485268	50.141	ug/l	99
85) sec-Butylbenzene	13.25	105	585841	50.379	ug/l	100
86) p-Isopropyltoluene	13.37	119	546398	50.665	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	278580	50.361	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	273748	49.767	ug/l	100
89) n-Butylbenzene	13.69	91	504774	51.244	ug/l	100
90) Hexachloroethane	13.96	117	91017	50.147	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	244461	49.748	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19907	44.051	ug/l	99

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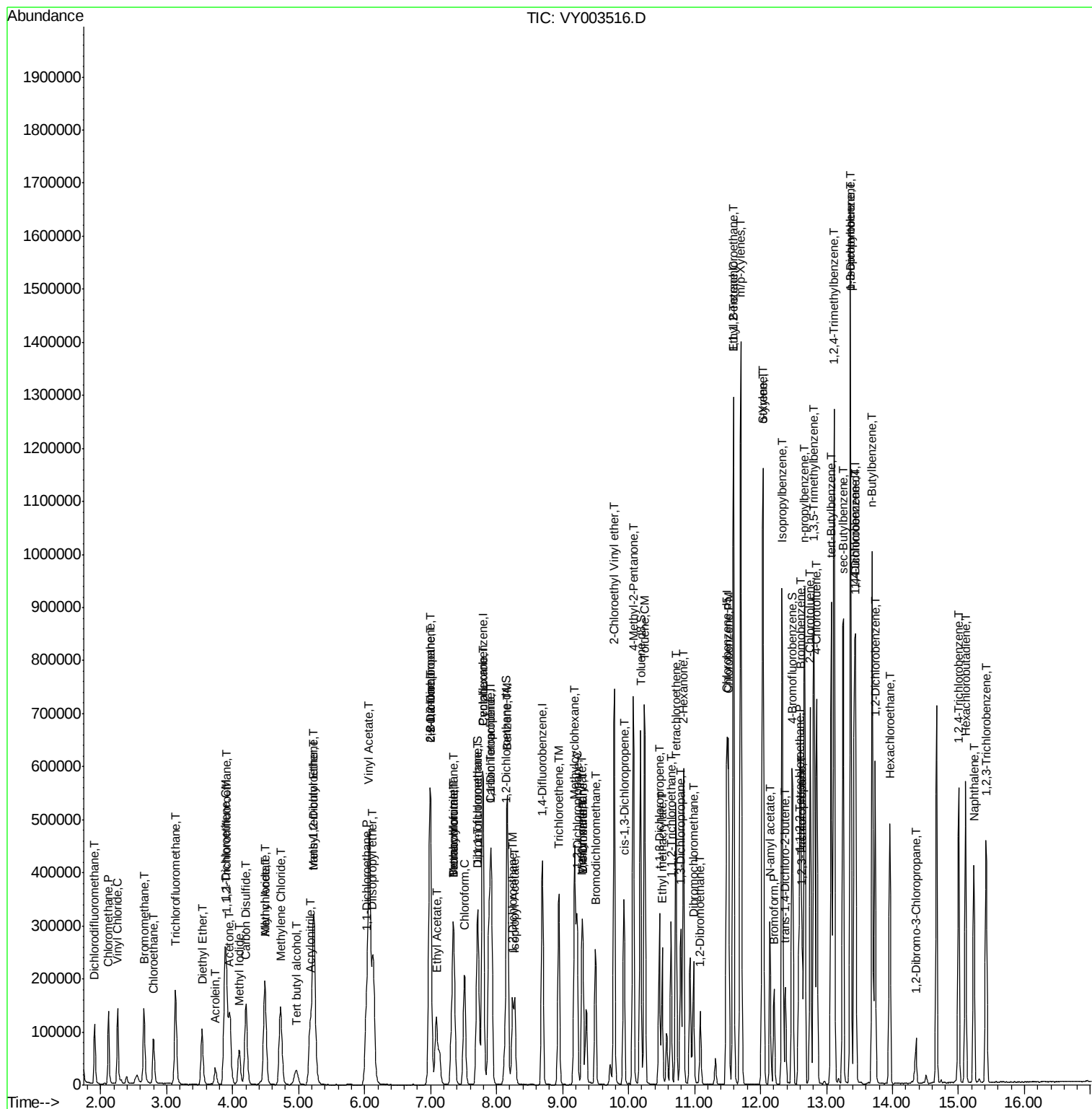
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	177391	51.034	ug/l	99
94) Hexachlorobutadiene	15.11	225	112504	50.314	ug/l	99
95) Naphthalene	15.23	128	333227	47.874	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	158050	50.549	ug/l	99

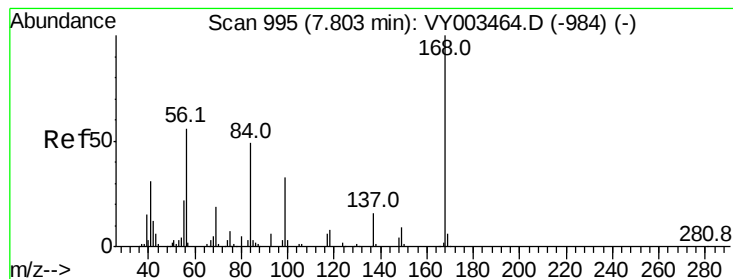
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

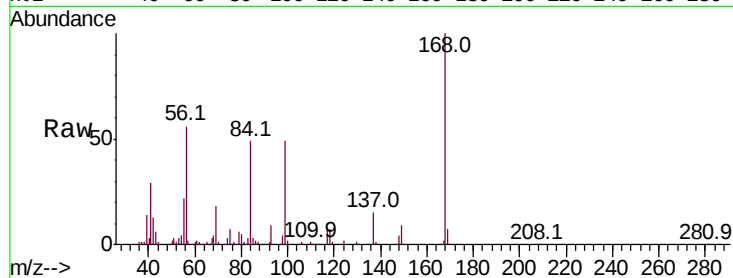
ClientSampleId :

Tot Ion:168 Resp: 254414

Ion Ratio Lower Upper

168 100

99 49.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

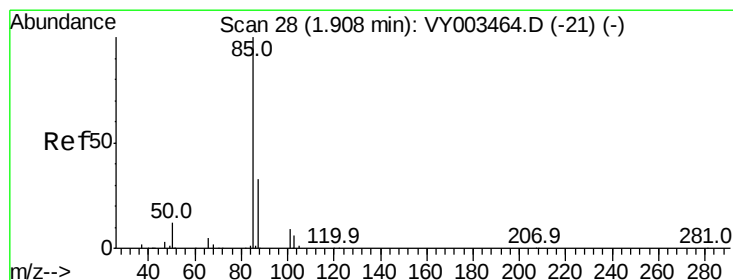
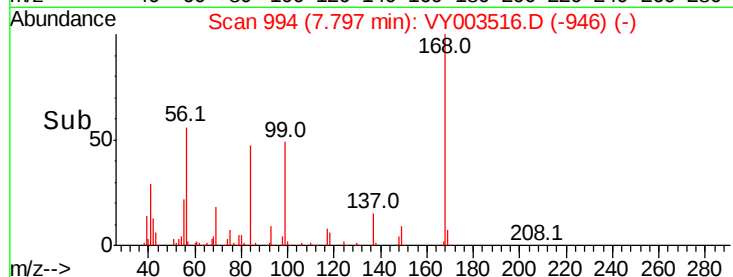
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.167 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY003516.D

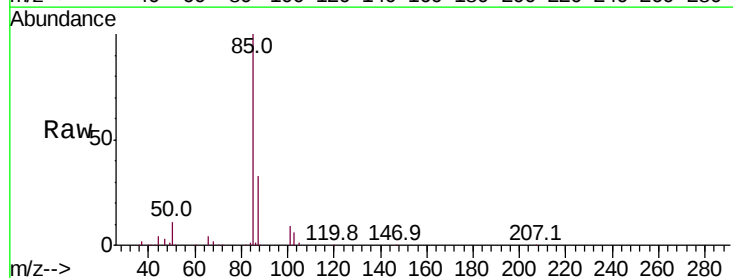
Acq: 05 Nov 2020 10:31

Tgt Ion: 85 Resp: 90919

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

60000

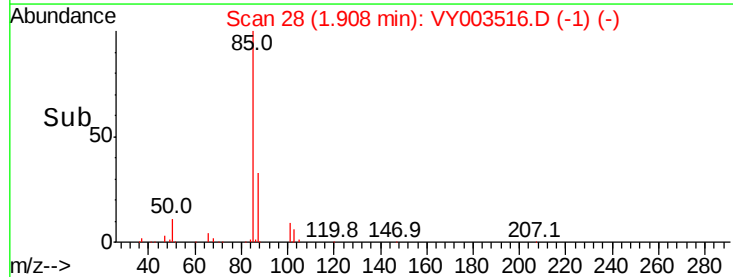
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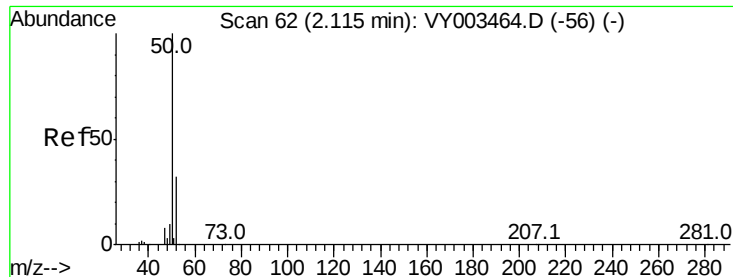
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.599 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

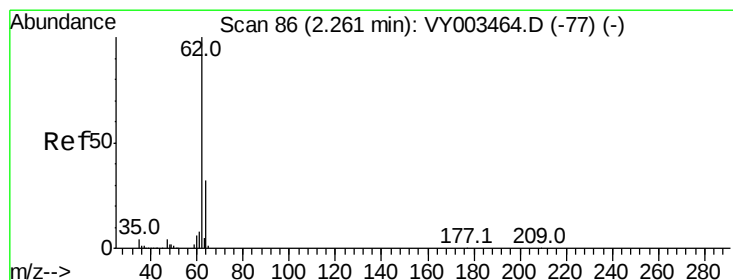
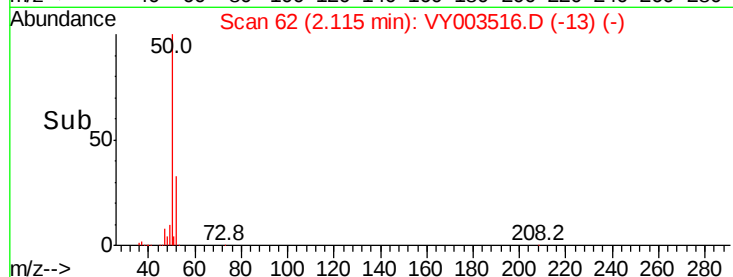
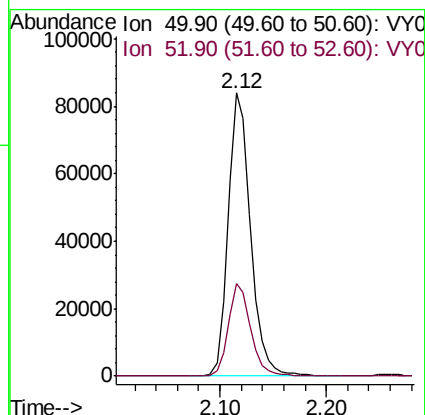
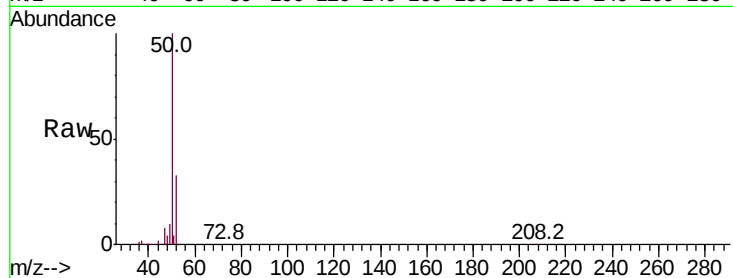
ClientSampleId :

Tot Ion: 50 Resp: 123487

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 46.404 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003516.D

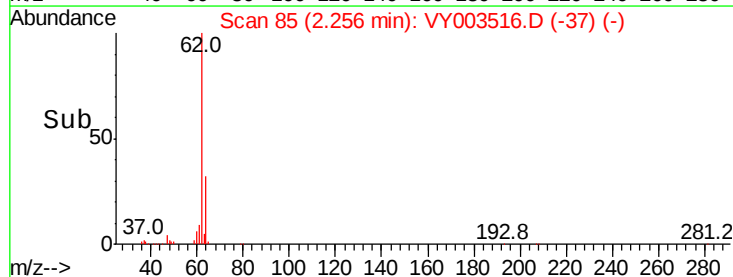
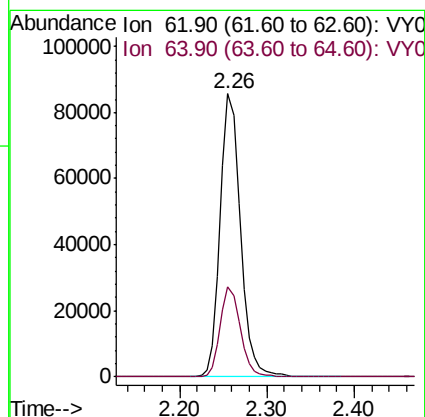
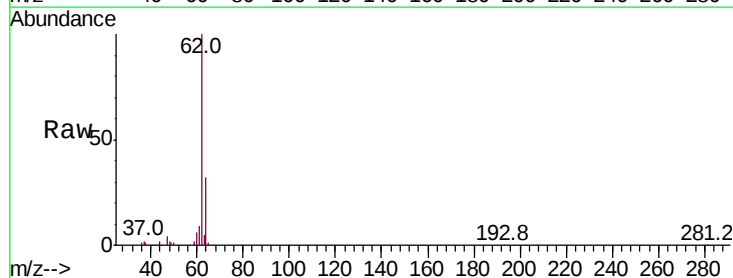
Acq: 05 Nov 2020 10:31

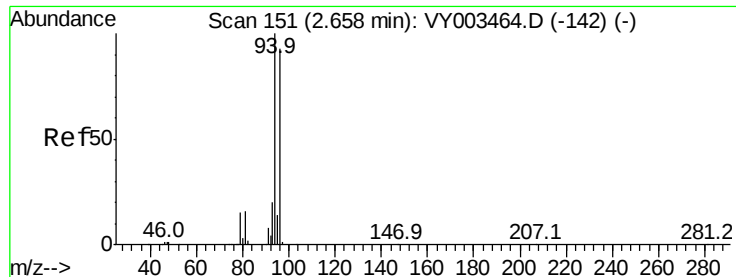
Tgt Ion: 62 Resp: 138036

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 40.870 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

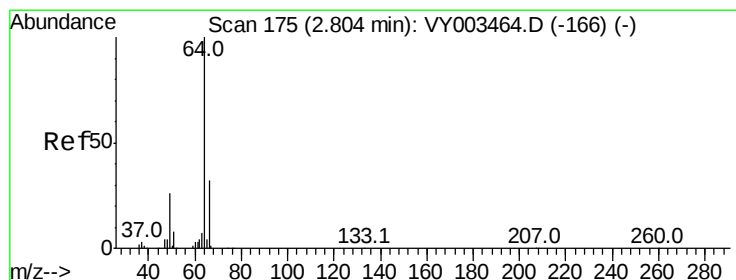
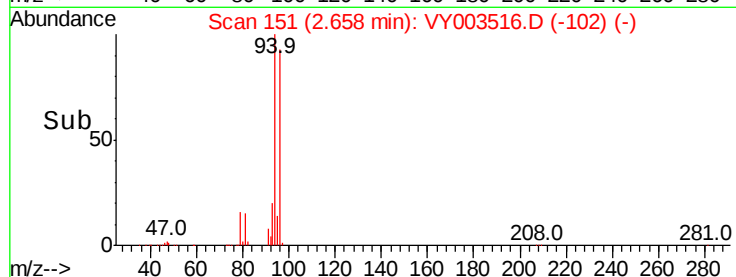
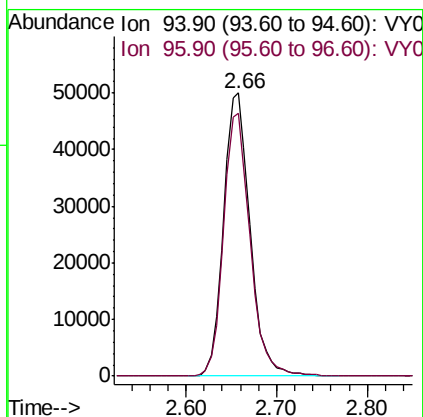
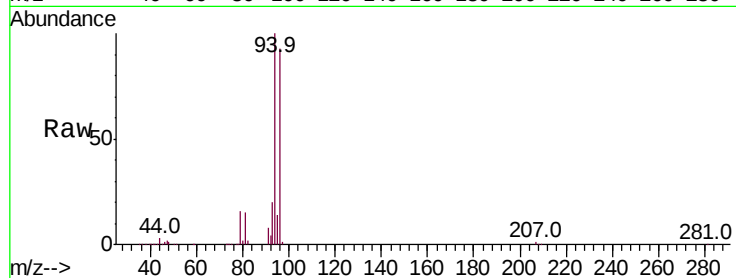
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 101575

Ion Ratio Lower Upper

94 100

96 92.6 74.6 112.0



#6

Chloroethane

Concen: 48.536 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003516.D

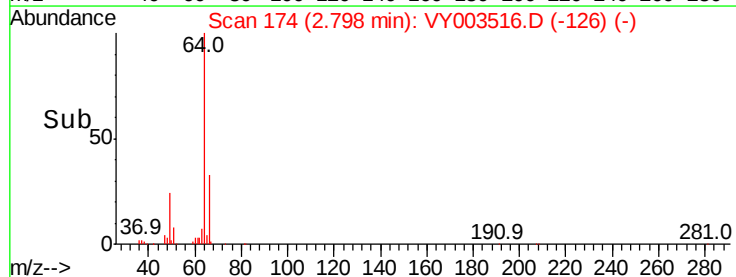
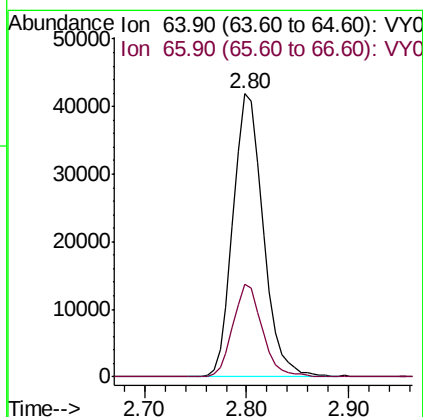
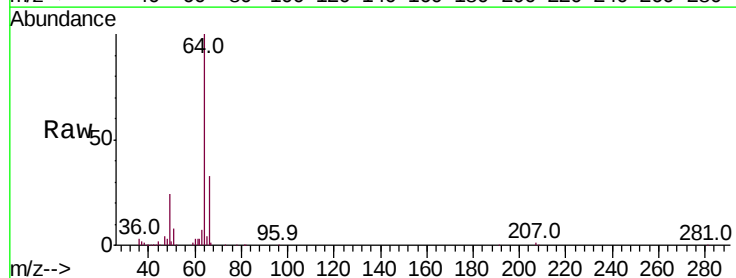
Acq: 05 Nov 2020 10:31

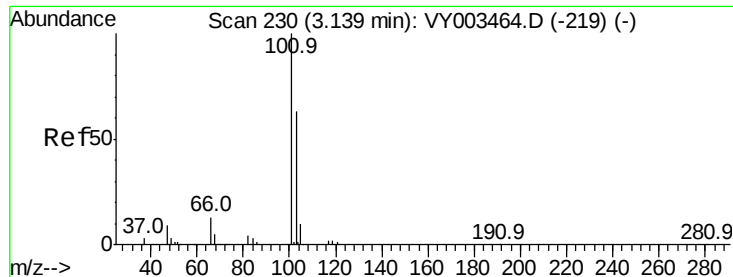
Tgt Ion: 64 Resp: 86053

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



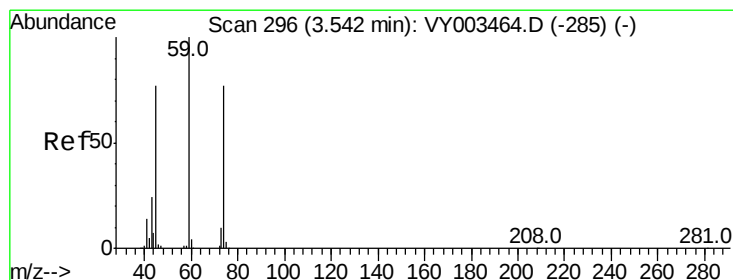
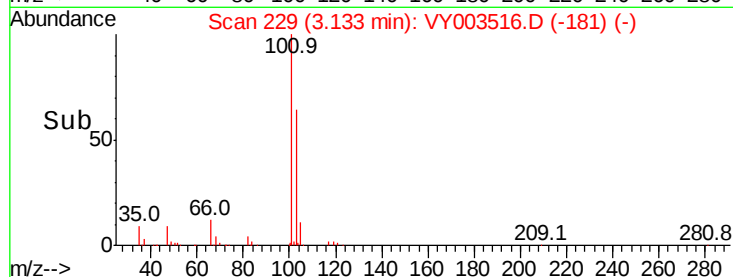
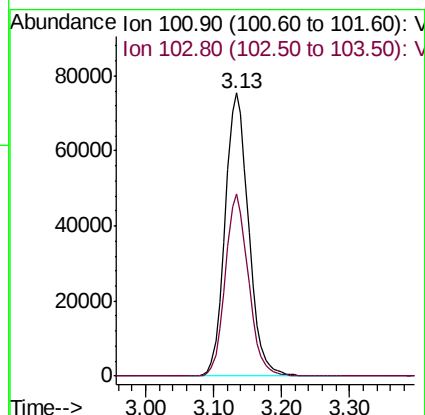
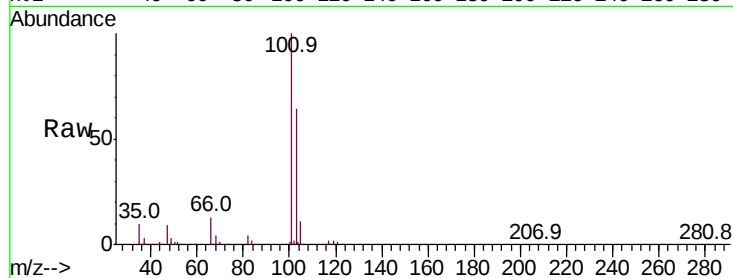


#7

Trichlorofluoromethane
 Concen: 47.838 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Instrument :
 MSVOA_Y
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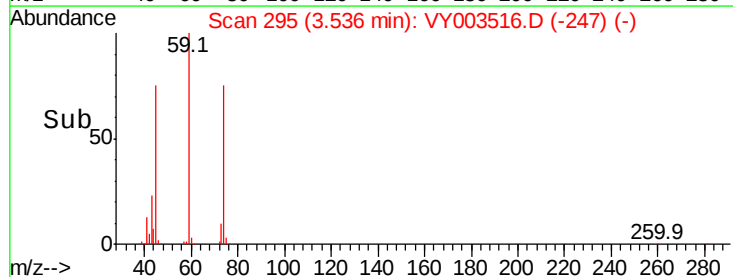
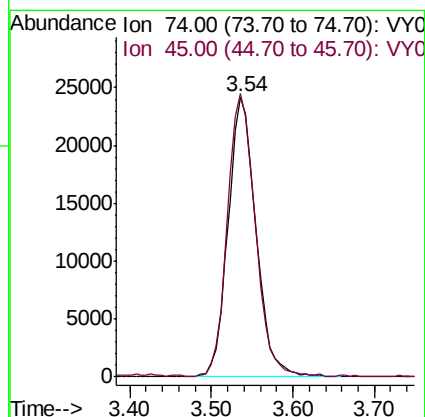
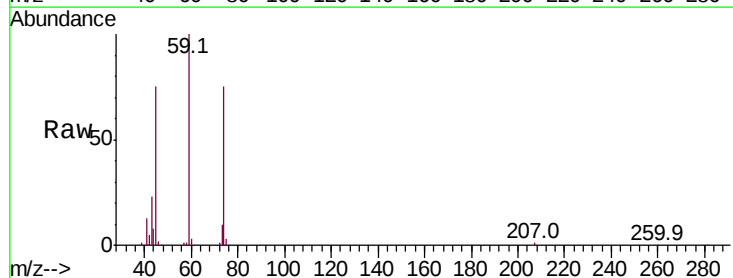
Tot Ion:101 Resp: 180623
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

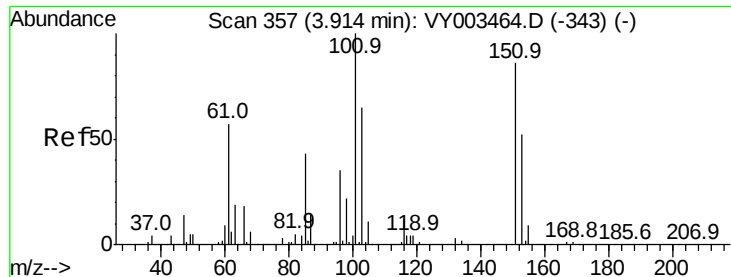


#8

Diethyl Ether
 Concen: 49.072 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 74 Resp: 56819
 Ion Ratio Lower Upper
 74 100
 45 101.2 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.640 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

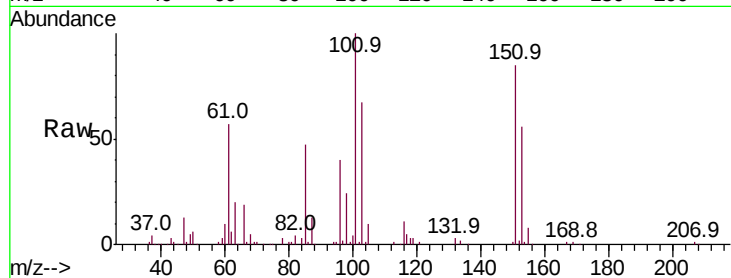
Tot Ion:101 Resp: 103592

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.8

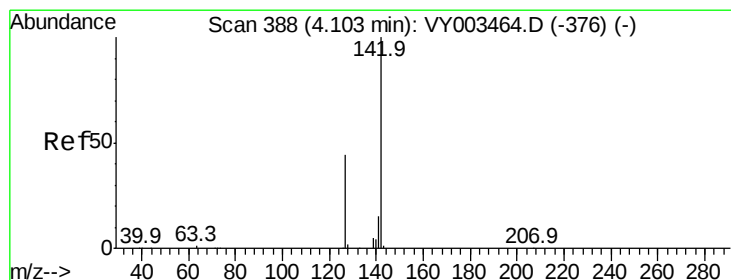
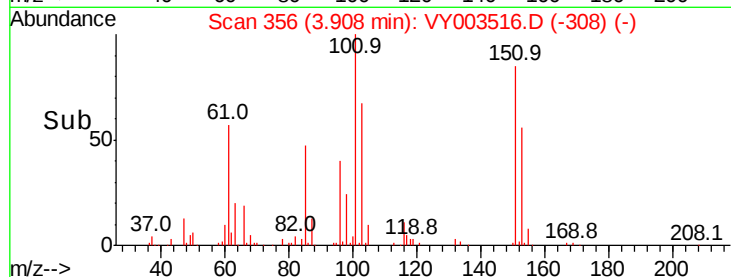
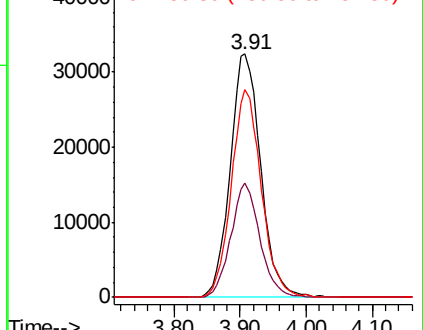
151 84.1 67.6 101.4



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: 49.846 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

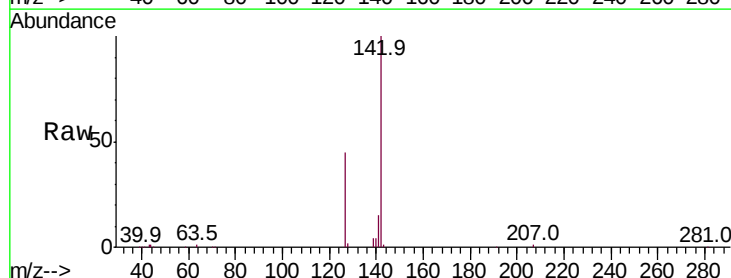
Tgt Ion:142 Resp: 106735

Ion Ratio Lower Upper

142 100

127 43.9 34.5 51.7

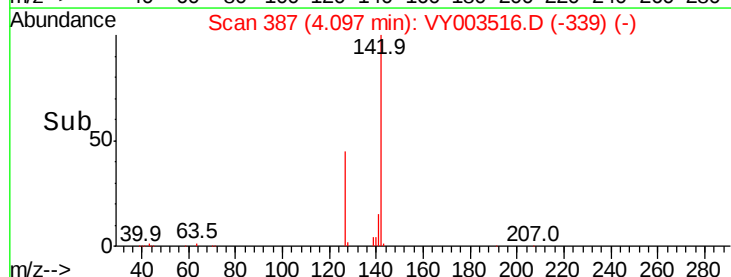
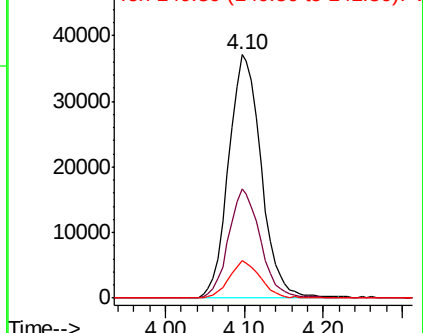
141 14.8 11.8 17.8

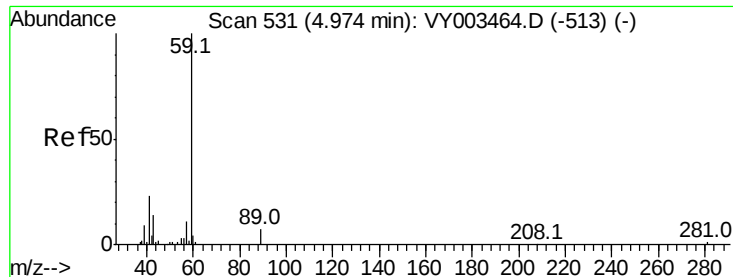


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



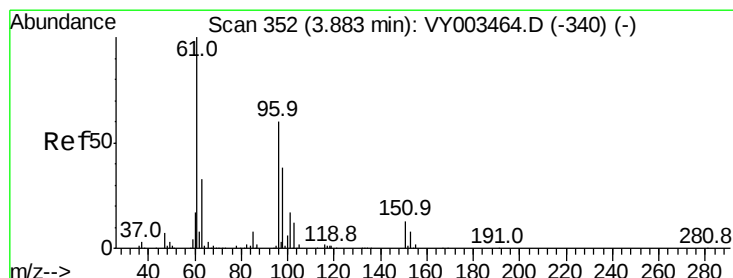
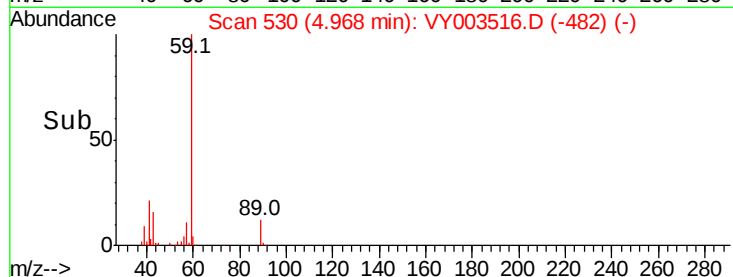
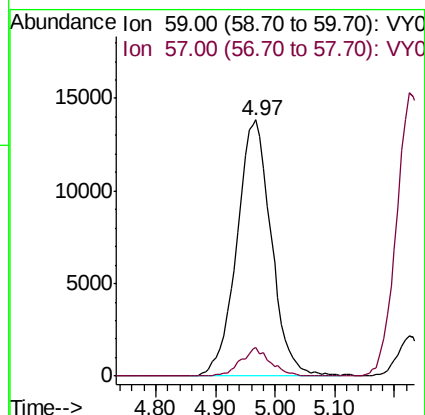
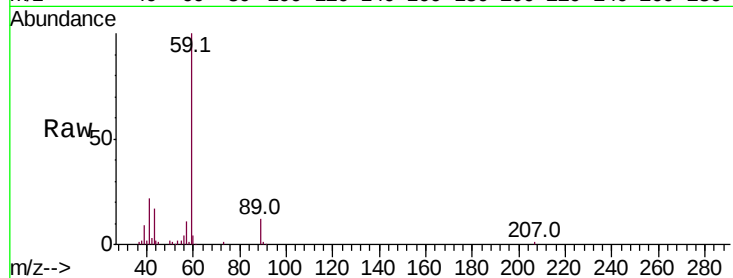


#11

Tert butyl alcohol
Concen: 210.882 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

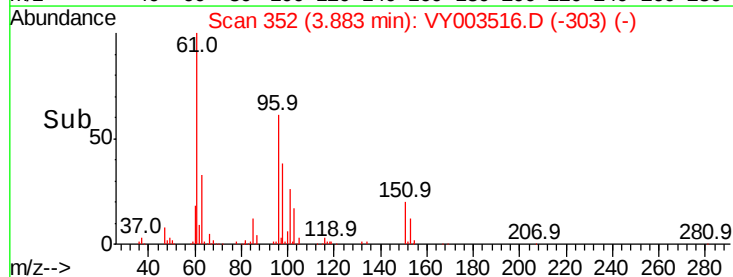
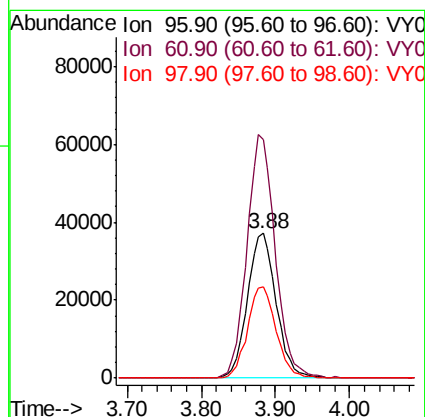
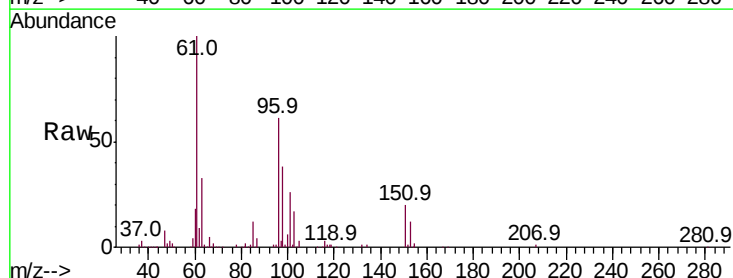
Tot Ion: 59 Resp: 55495
Ion Ratio Lower Upper
59 100
57 9.4 7.9 11.9

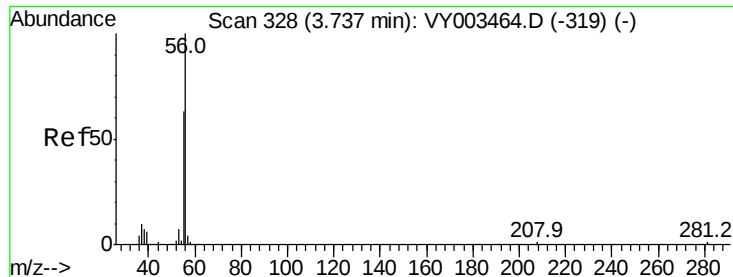


#12

1,1-Dichloroethene
Concen: 48.447 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 96 Resp: 100592
Ion Ratio Lower Upper
96 100
61 164.4 133.6 200.4
98 63.2 50.2 75.2





#13

Acrolein

Concen: 173.132 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

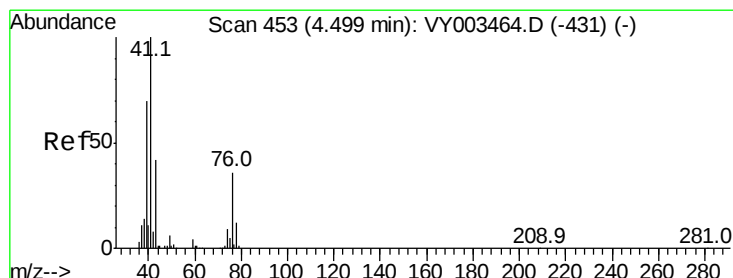
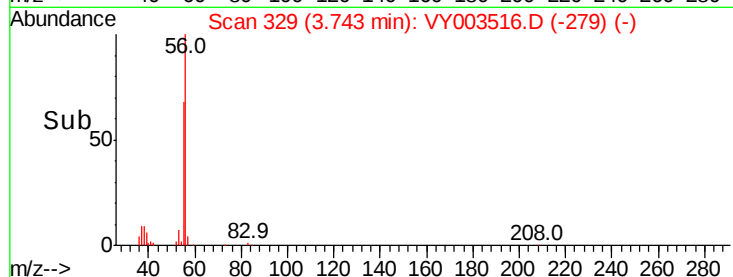
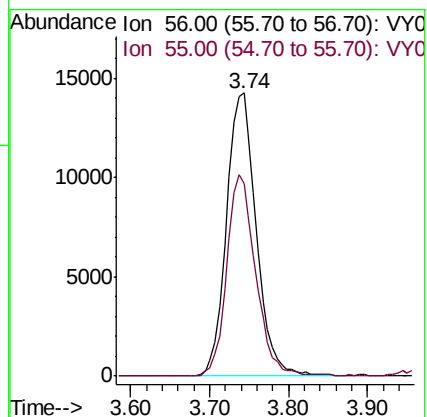
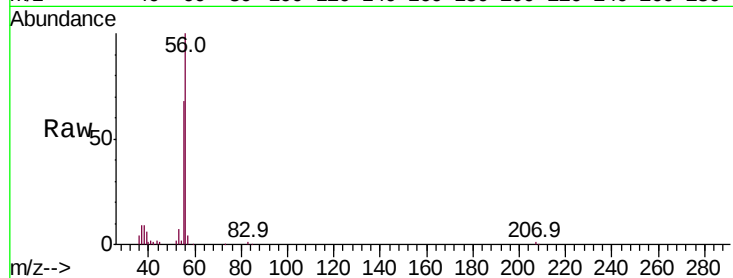
ClientSampleId :

Tot Ion: 56 Resp: 37475

Ion Ratio Lower Upper

56 100

55 69.2 56.6 85.0



#14

Allyl chloride

Concen: 47.006 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

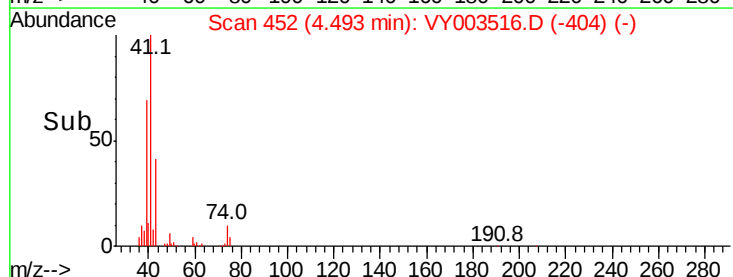
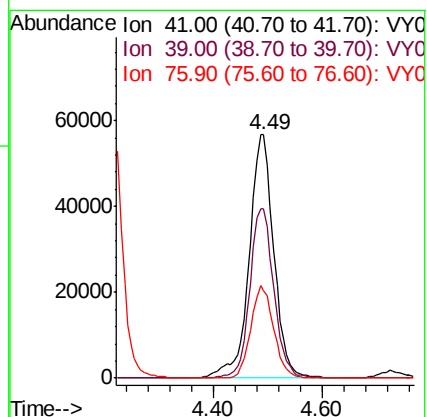
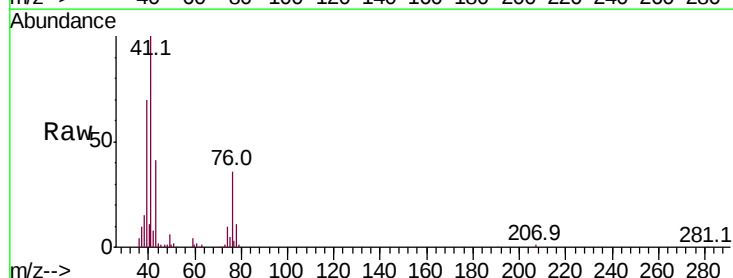
Tgt Ion: 41 Resp: 178064

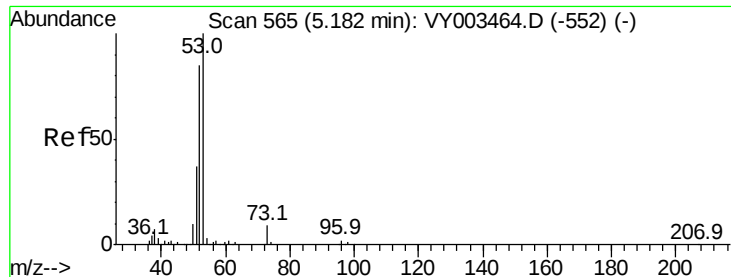
Ion Ratio Lower Upper

41 100

39 68.2 54.4 81.6

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 222.237 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

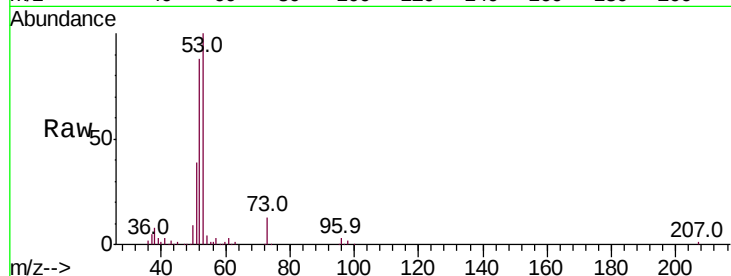
Tot Ion: 53 Resp: 137355

Ion Ratio Lower Upper

53 100

52 84.6 66.9 100.3

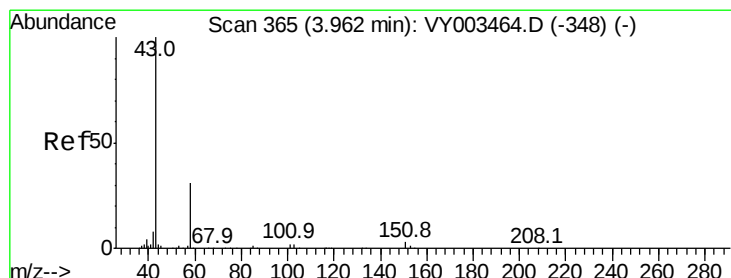
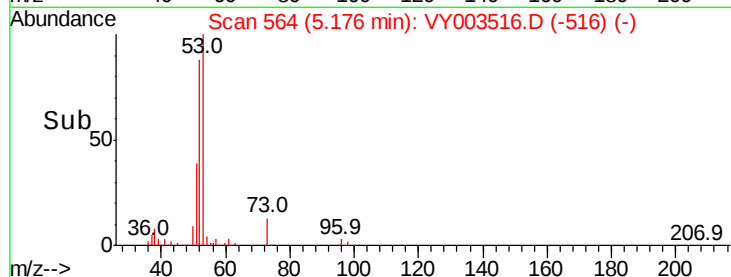
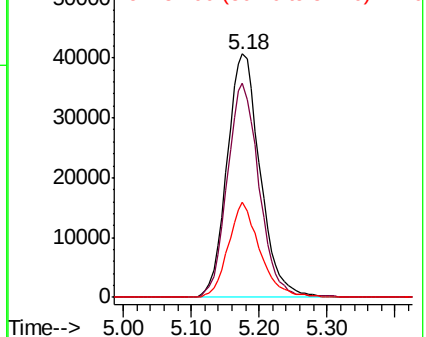
51 37.4 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 242.678 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003516.D

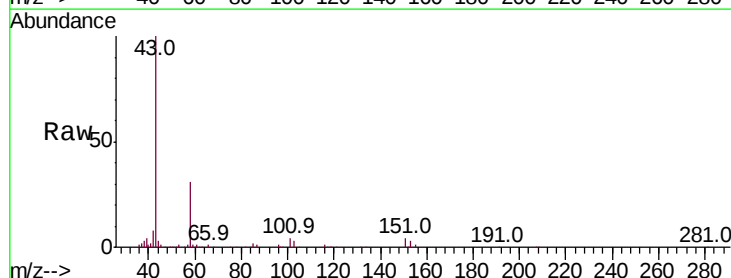
Acq: 05 Nov 2020 10:31

Tgt Ion: 43 Resp: 208802

Ion Ratio Lower Upper

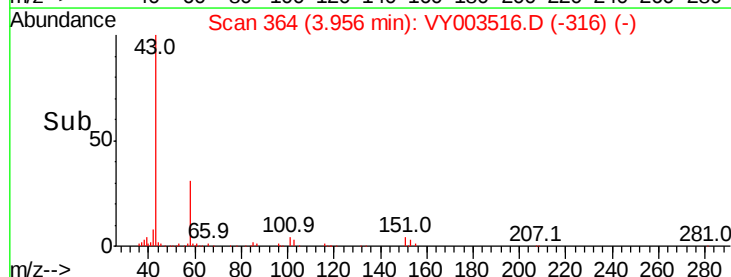
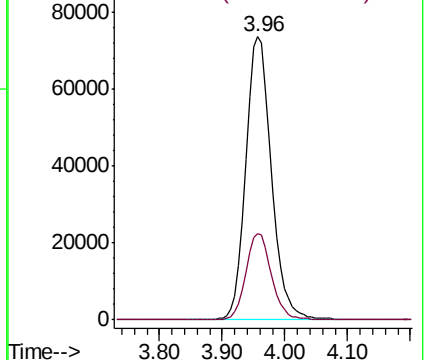
43 100

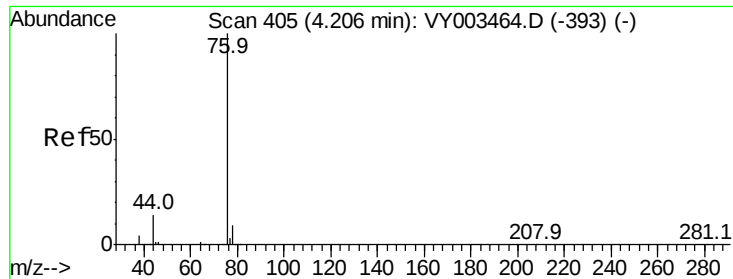
58 30.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

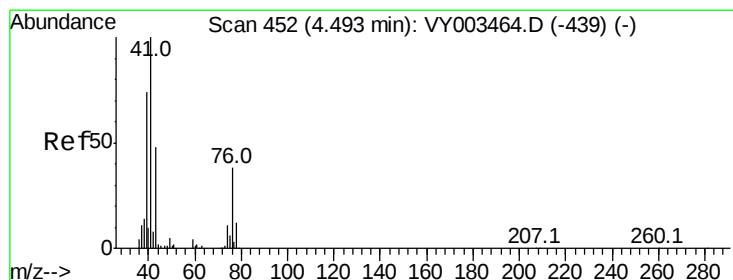
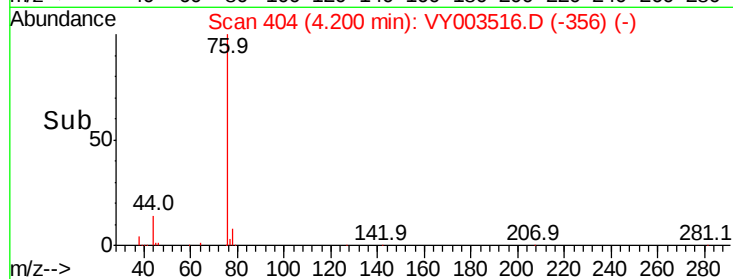
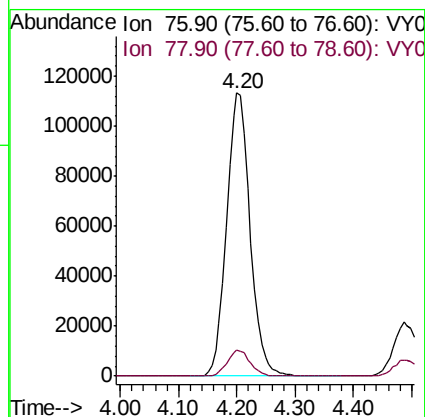
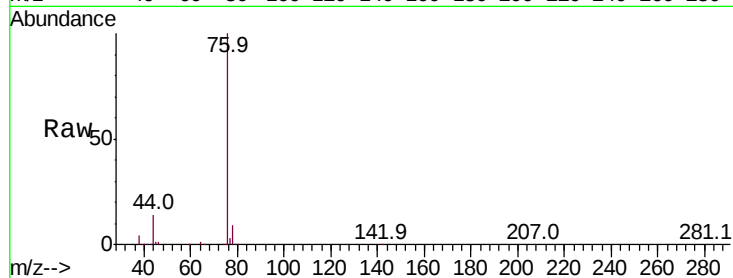




#17
Carbon Disulfide
Concen: 46.997 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

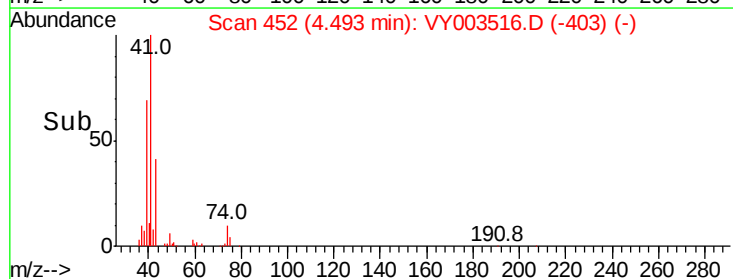
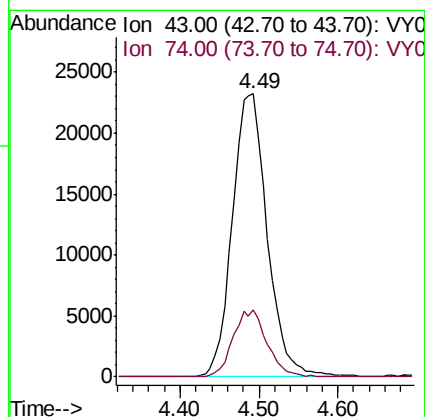
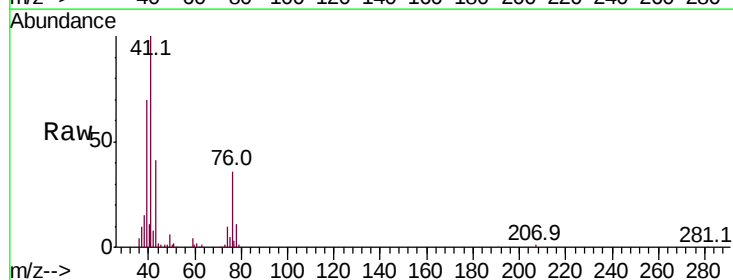
Instrument :
MSVOA_Y
ClientSampleId :

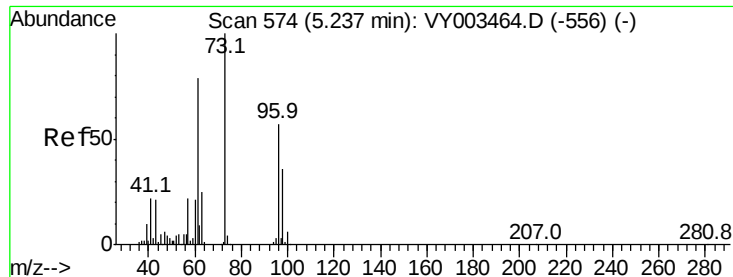
Tot Ion: 76 Resp: 316123
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 43.954 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 43 Resp: 71468
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6

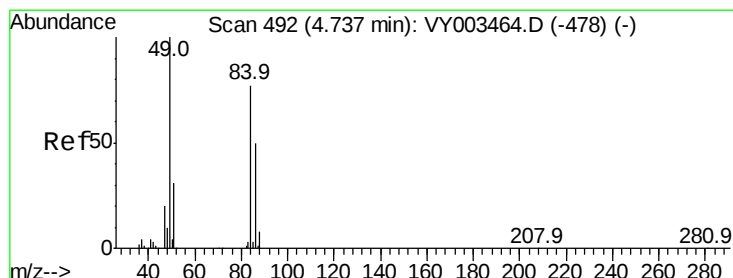
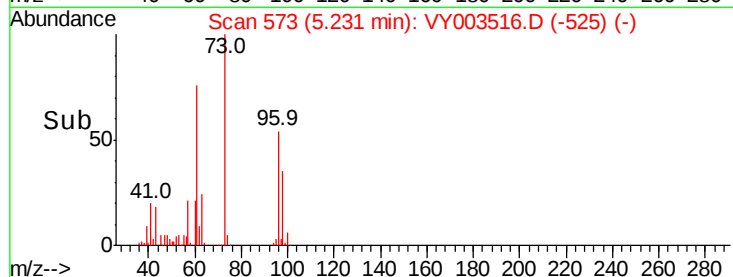
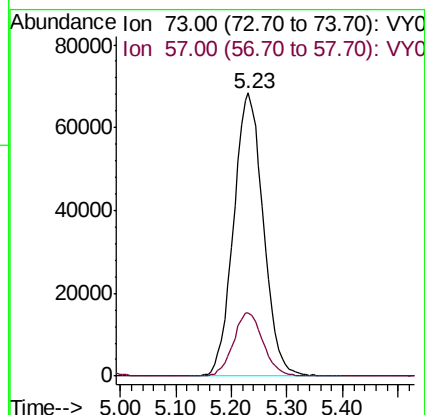
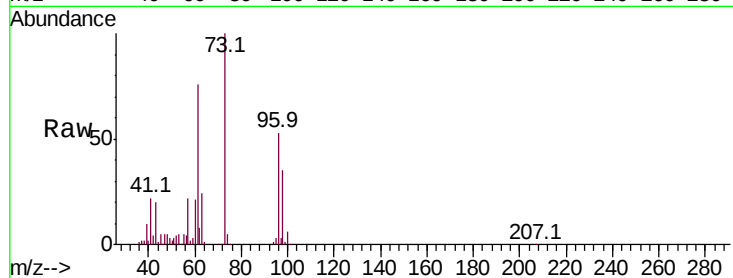




#19
Methvl tert-butvl Ether
Concen: 49.074 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

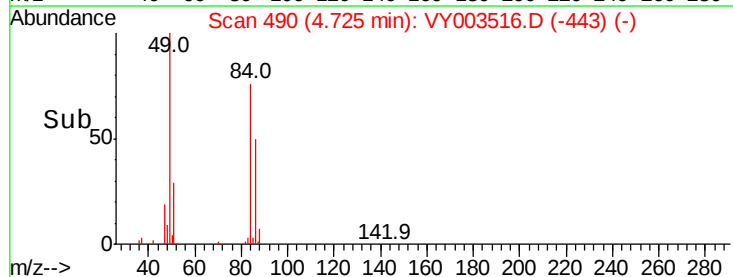
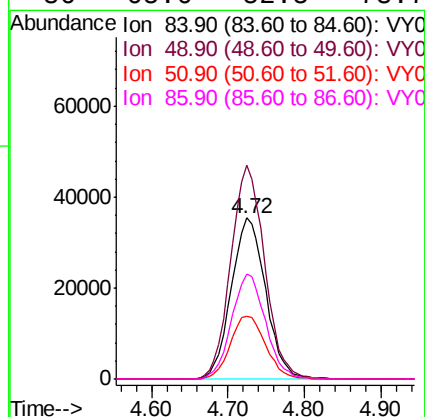
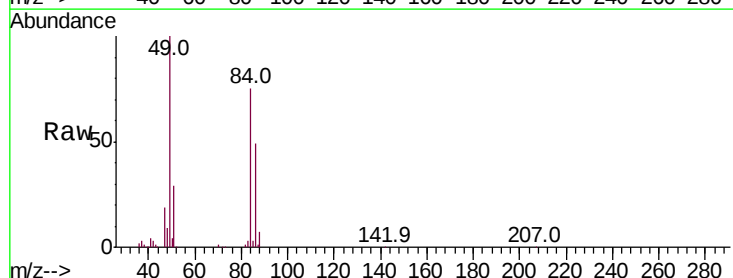
Instrument :
MSVOA_Y
ClientSampleId :

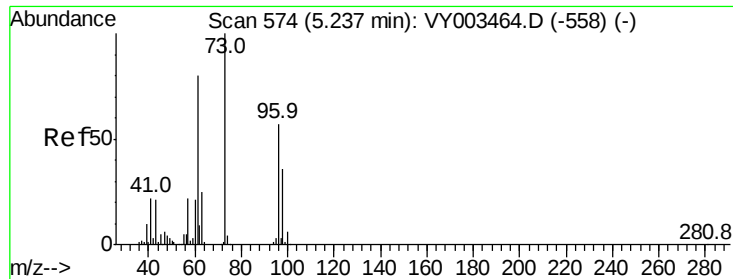
Tot Ion: 73 Resp: 252370
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8



#20
Methylene Chloride
Concen: 45.528 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 84 Resp: 110319
Ion Ratio Lower Upper
84 100
49 132.6 104.3 156.5
51 38.9 32.5 48.7
86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.101 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

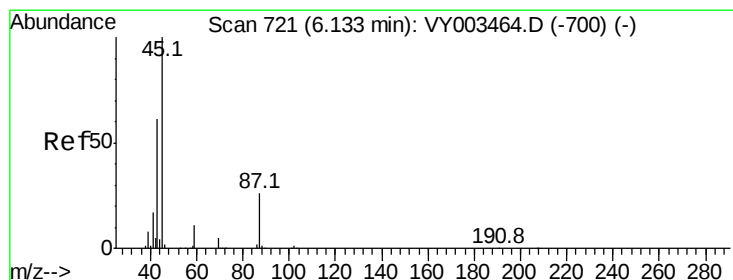
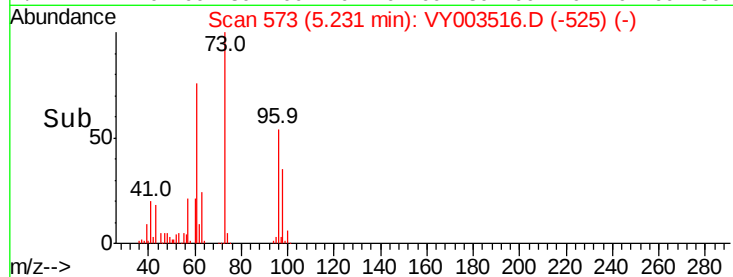
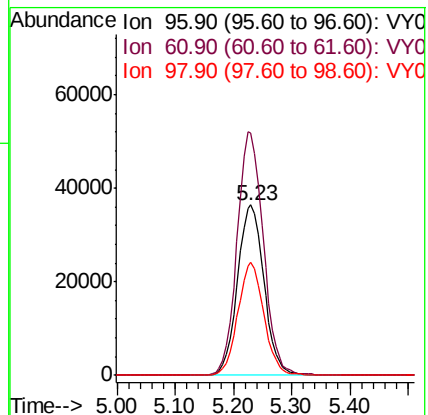
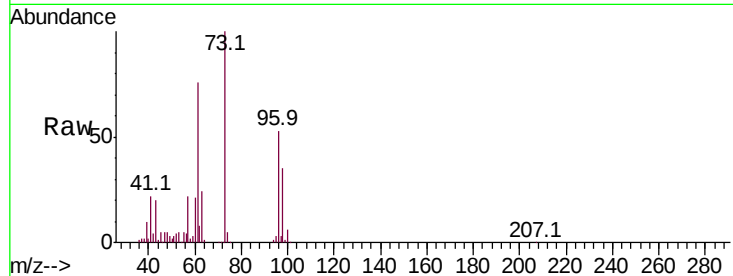
Tot Ion: 96 Resp: 115646

Ion Ratio Lower Upper

96 100

61 142.3 111.3 166.9

98 66.2 50.3 75.5



#22

Diisopropyl ether

Concen: 49.721 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion: 45 Resp: 330353

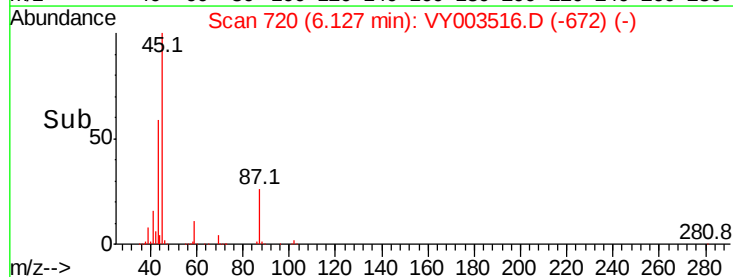
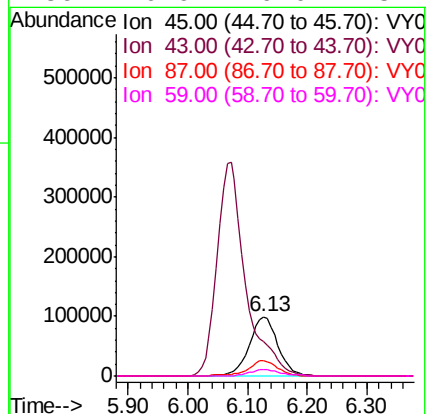
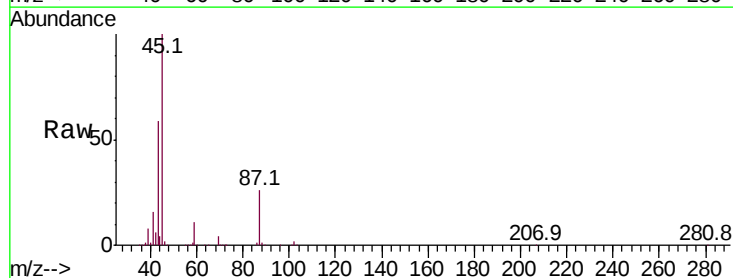
Ion Ratio Lower Upper

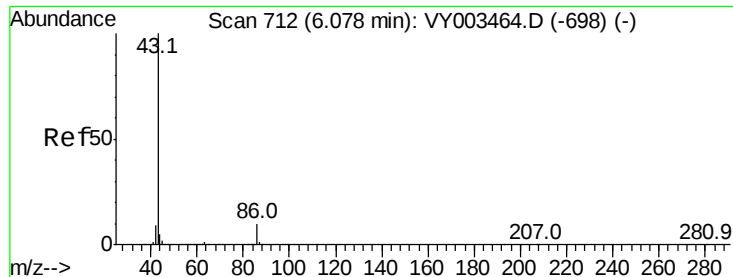
45 100

43 58.9 48.8 73.2

87 25.8 20.6 31.0

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 238.772 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

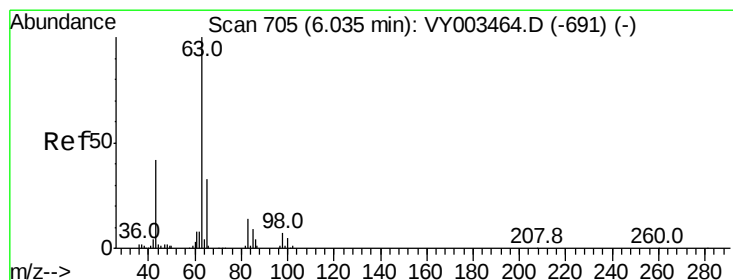
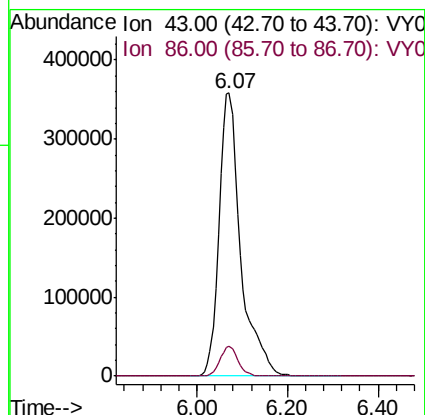
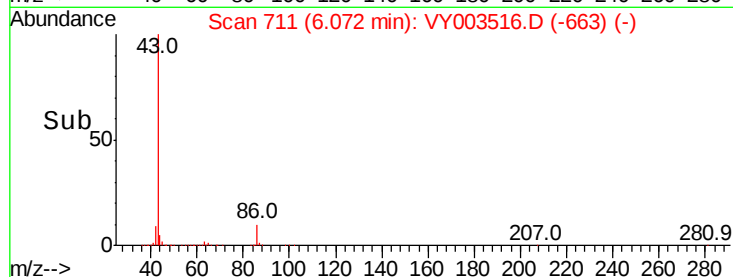
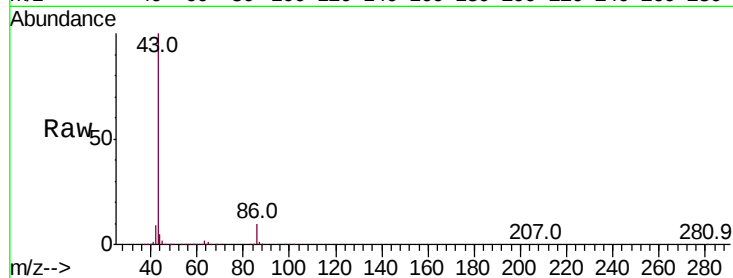
ClientSampleId :

Tot Ion: 43 Resp: 1192151

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.2



#24

1,1-Dichloroethane

Concen: 48.605 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

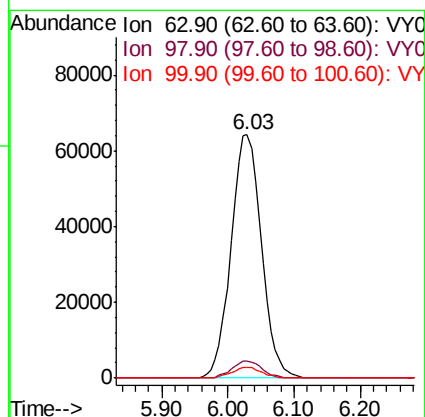
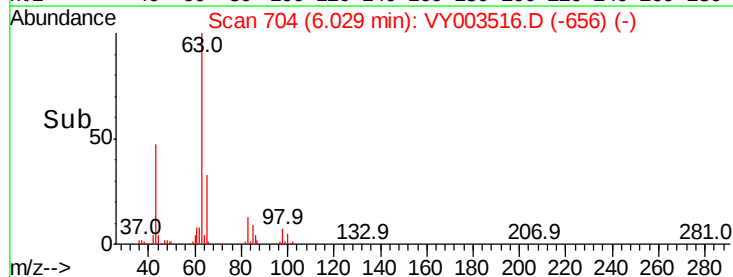
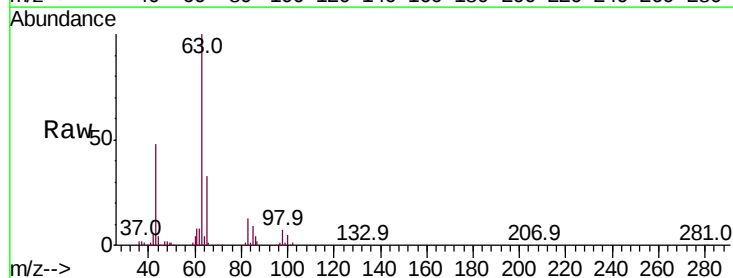
Tgt Ion: 63 Resp: 205217

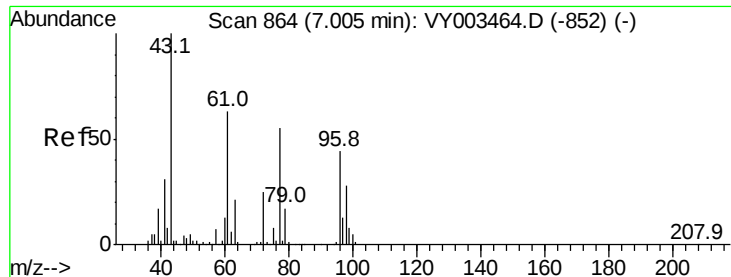
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 230.009 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

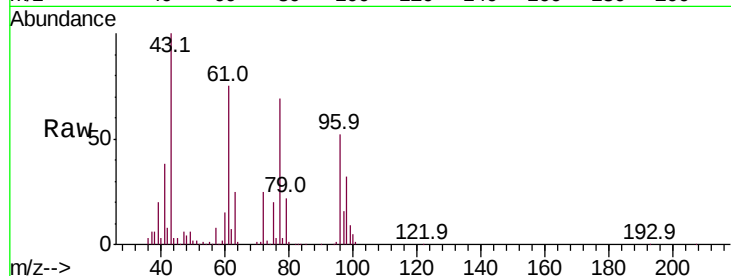
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 247517

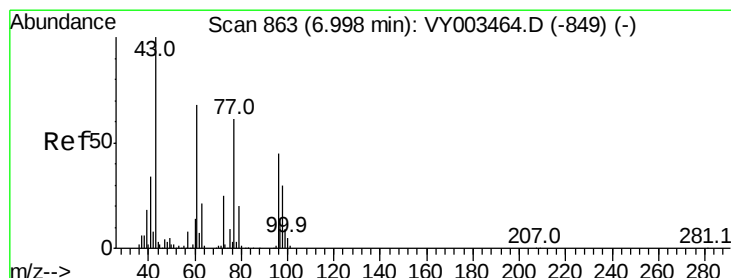
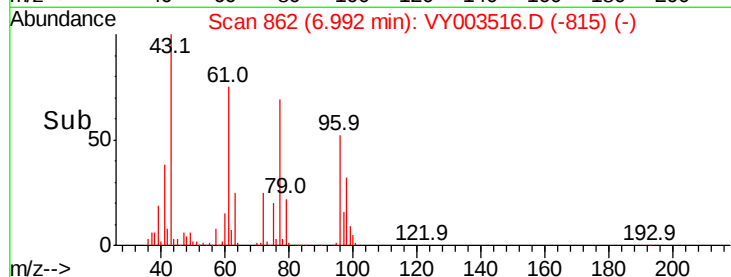
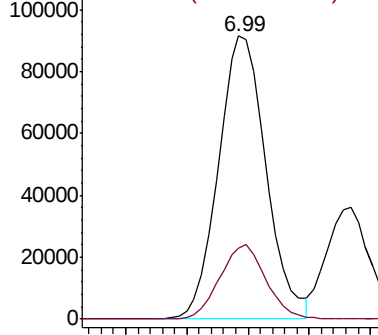
Ion Ratio Lower Upper

43 100

72 25.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 48.366 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003516.D

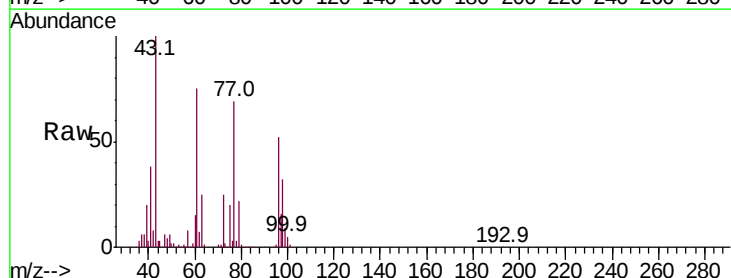
Acq: 05 Nov 2020 10:31

Tgt Ion: 77 Resp: 190242

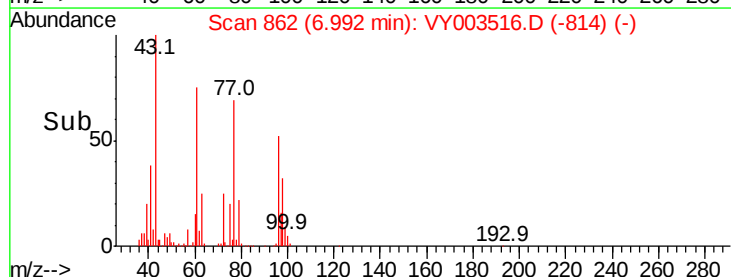
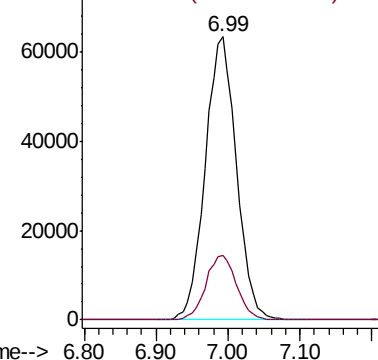
Ion Ratio Lower Upper

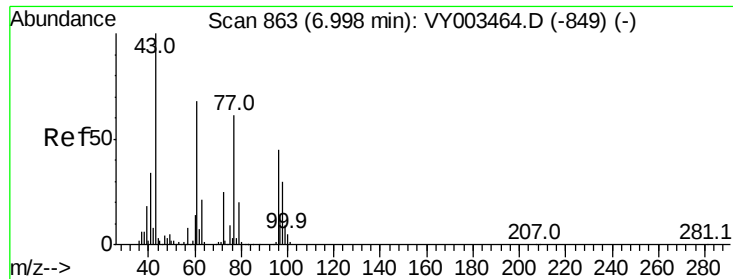
77 100

97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



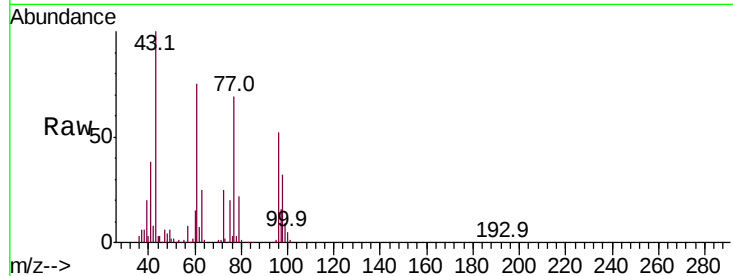


#27

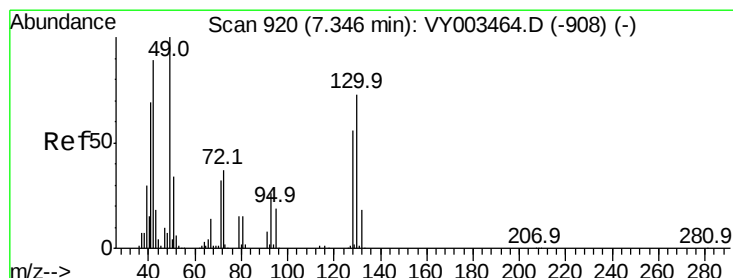
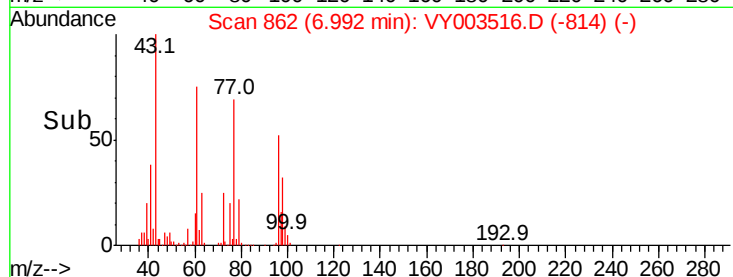
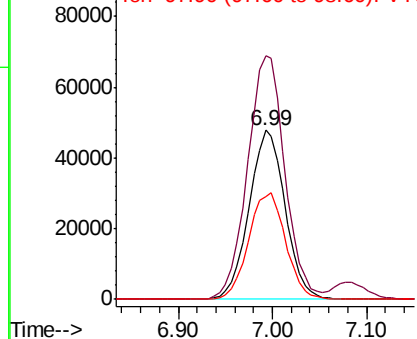
cis-1,2-Dichloroethene
Concen: 49.079 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	299.2
98	64.7	0.0	128.6



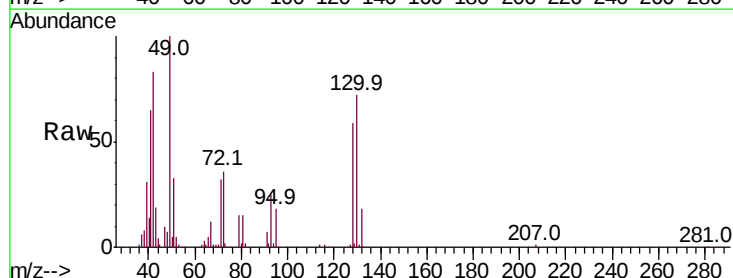
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



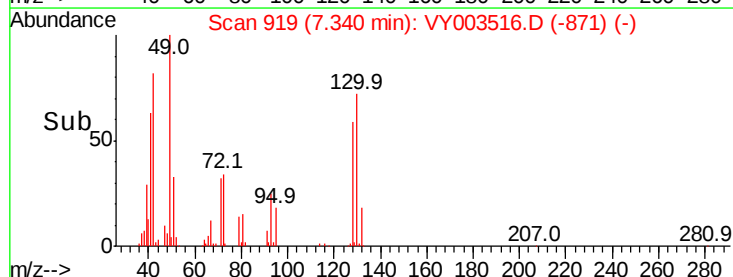
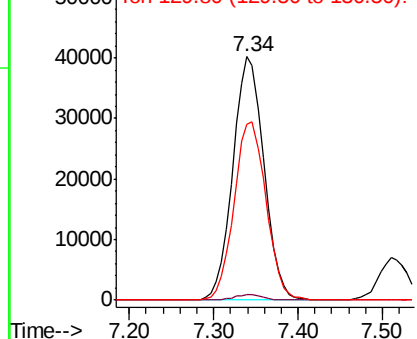
#28

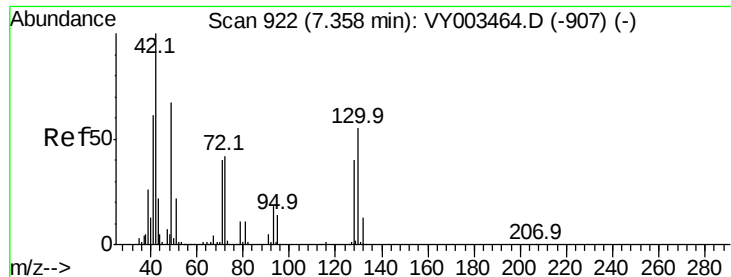
Bromochloromethane
Concen: 47.209 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.1	60.0	90.0



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

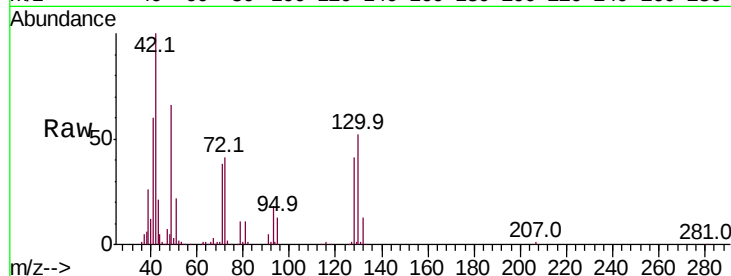




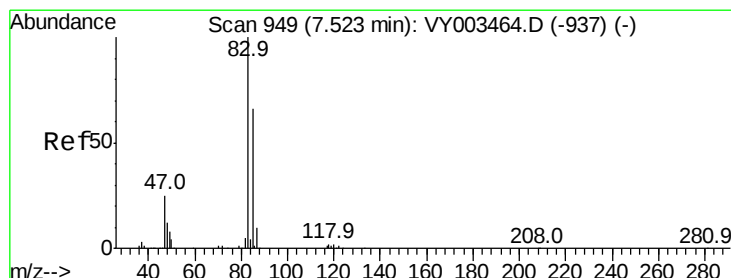
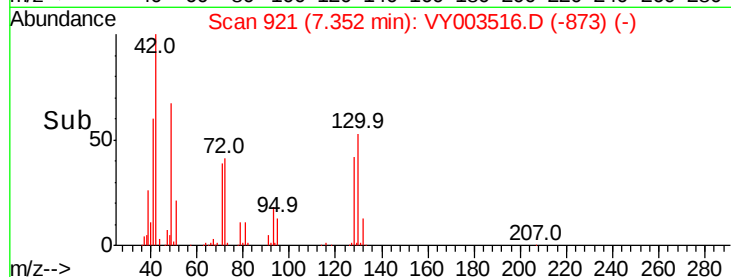
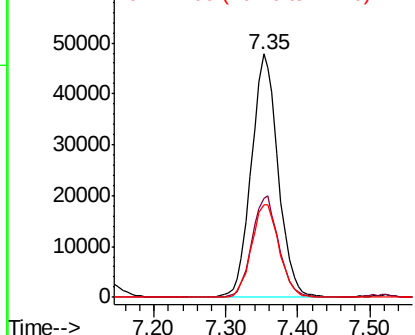
#29
Tetrahydrofuran
Concen: 220.214 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 123828
Ion Ratio Lower Upper
42 100
72 41.3 32.8 49.2
71 39.2 30.7 46.1

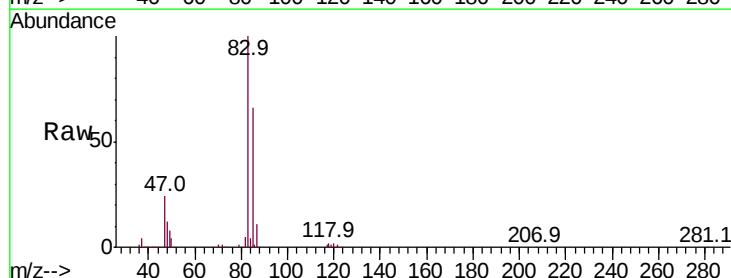


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

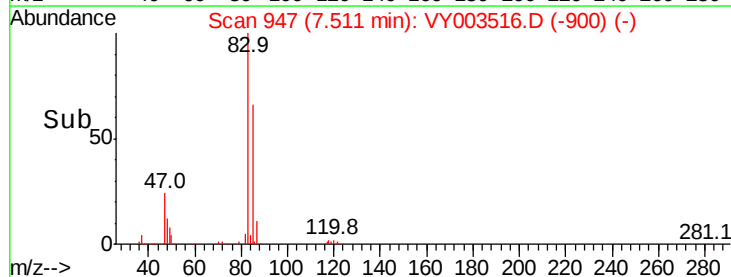
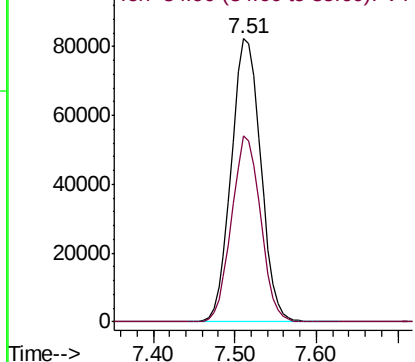


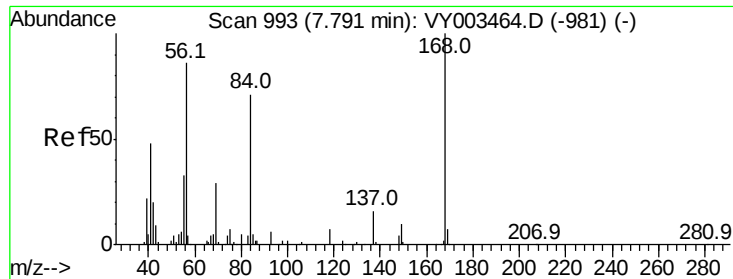
#30
Chloroform
Concen: 49.543 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 83 Resp: 205450
Ion Ratio Lower Upper
83 100
85 65.9 52.6 79.0



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

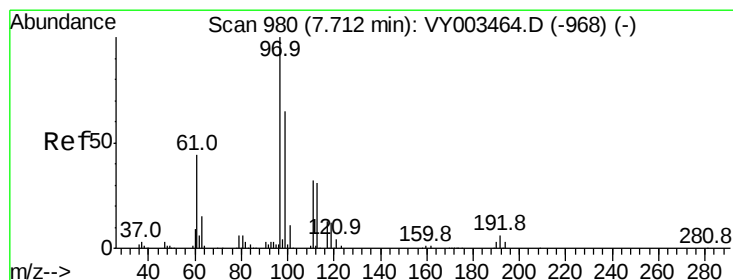
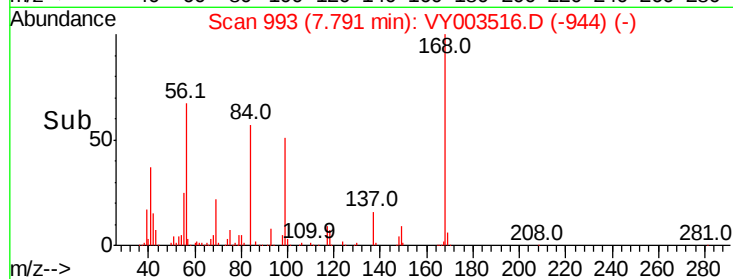
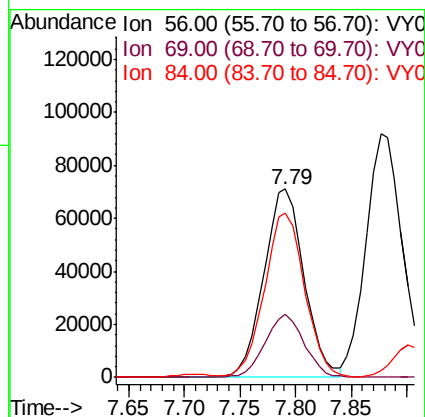
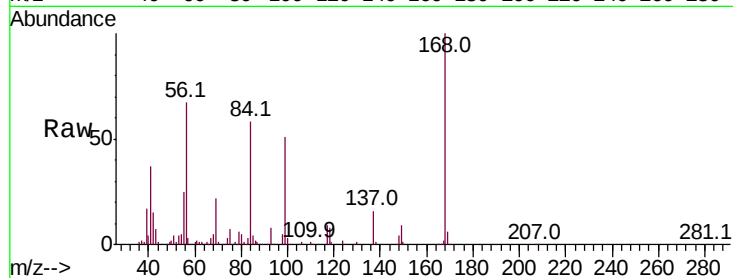




#31
Cyclohexane
Concen: 45.875 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

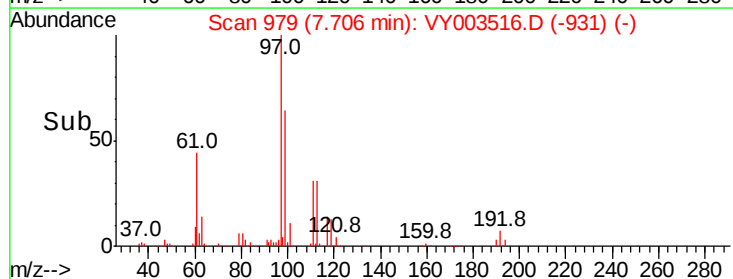
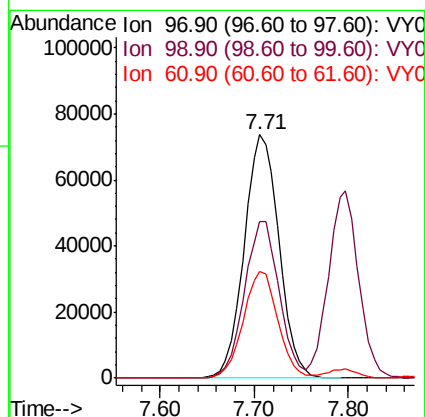
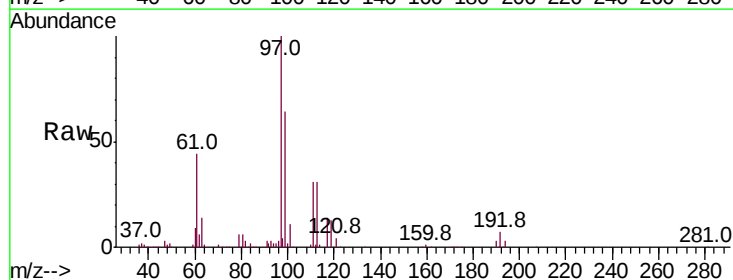
Instrument :
MSVOA_Y
ClientSampled :

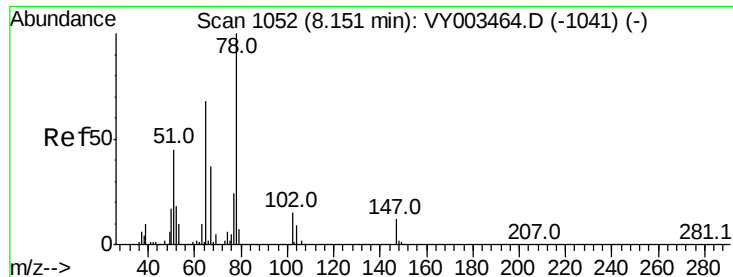
Tot Ion: 56 Resp: 179339
Ion Ratio Lower Upper
56 100
69 33.3 26.6 39.8
84 85.6 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 48.966 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 97 Resp: 189434
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.658 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

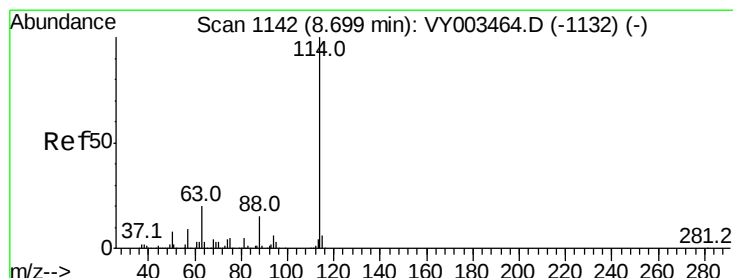
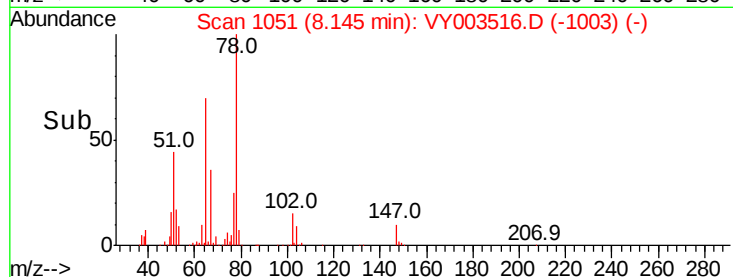
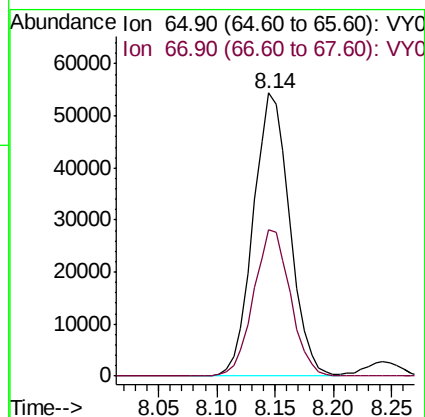
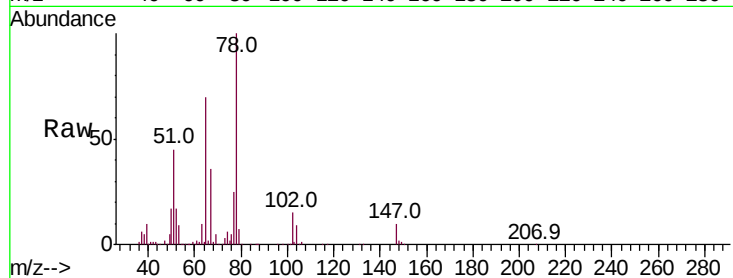
Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 119087

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

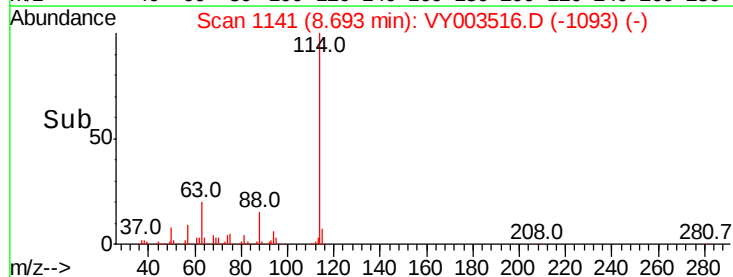
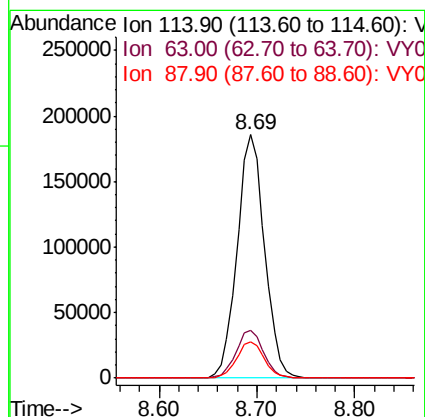
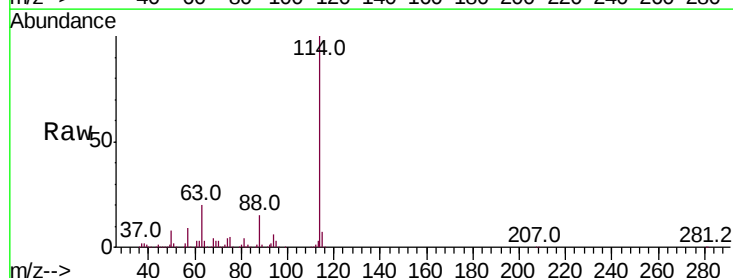
Delta R.T. -0.01 min

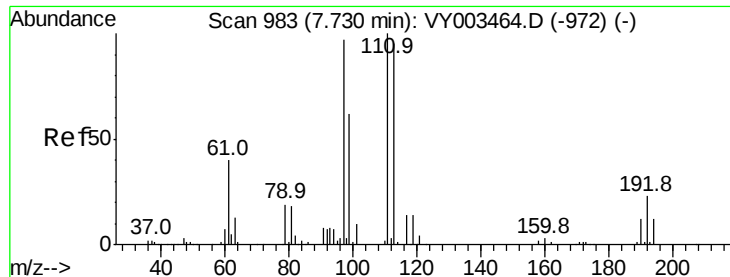
Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion: 114 Resp: 359762

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.6
88	15.0	0.0	29.4

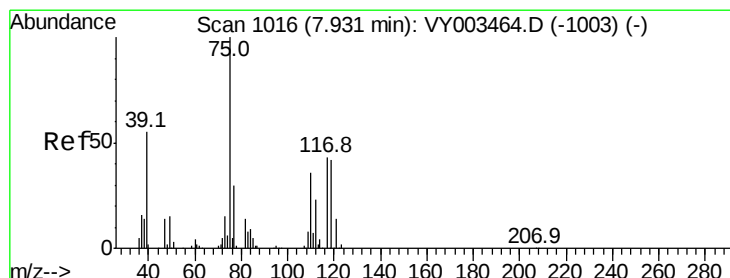
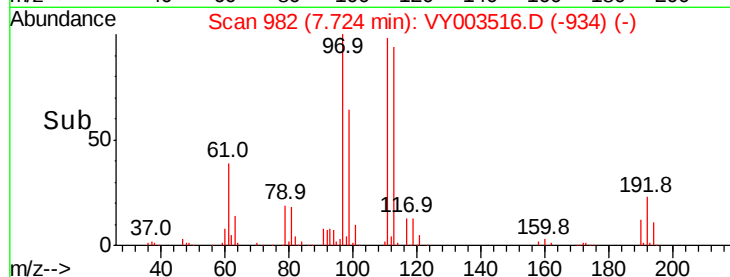
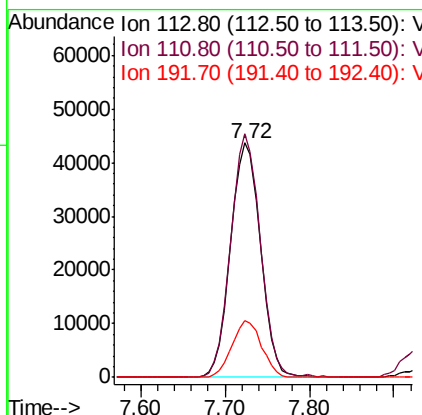
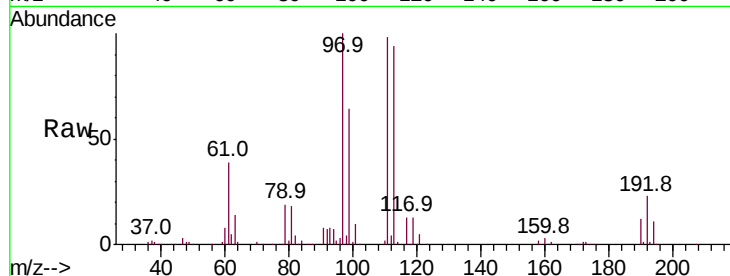




#35
 Dibromofluoromethane
 Concen: 48.045 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

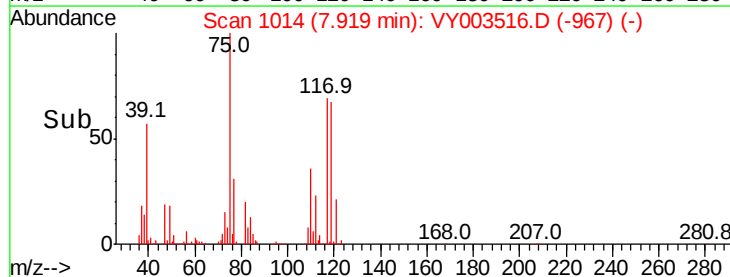
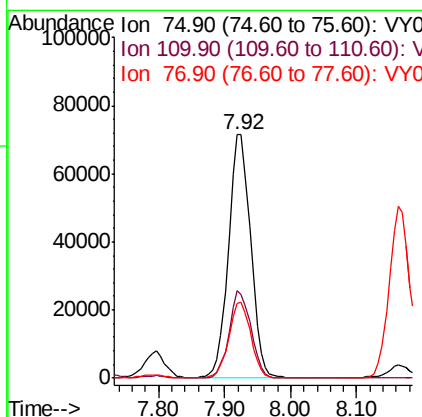
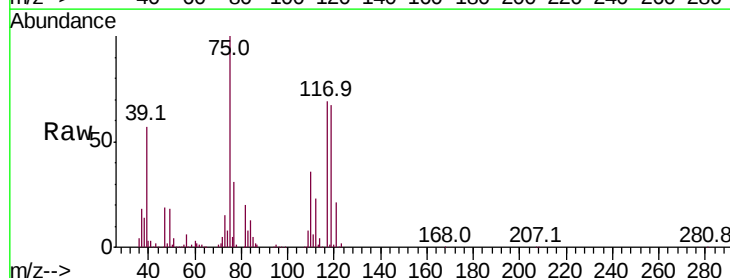
Instrument :
 MSVOA_Y
 ClientSampleId :

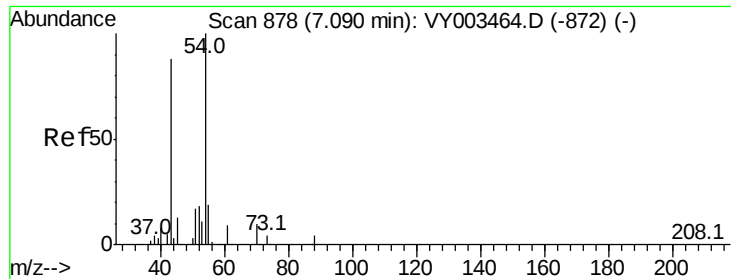
Tot Ion:113 Resp: 105183
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 24.0 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 49.399 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 75 Resp: 167560
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.6 52.9
 77 30.9 24.7 37.1

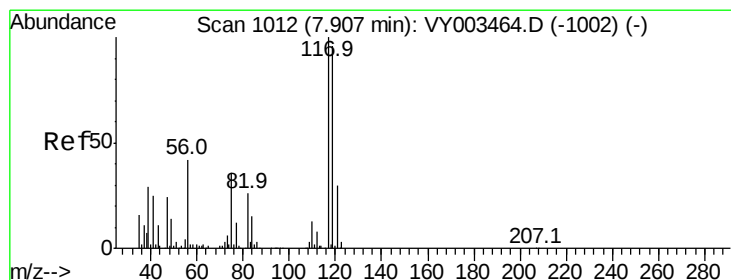
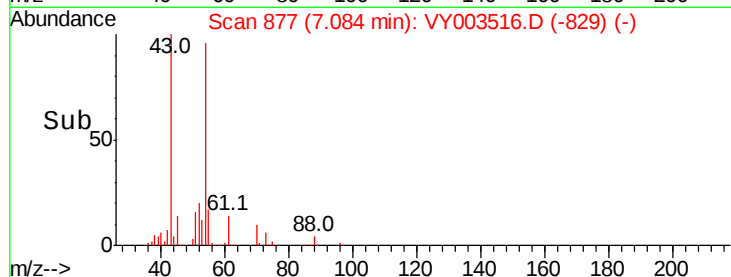
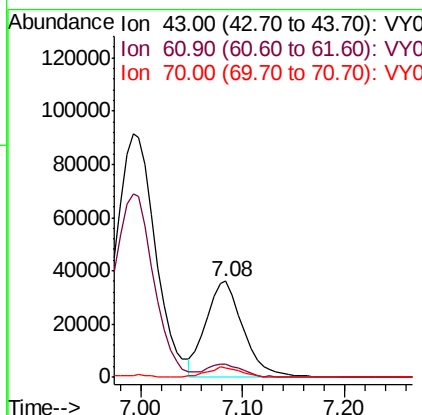
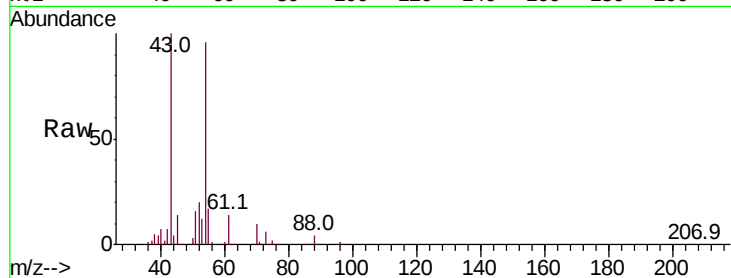




#37
Ethyl Acetate
Concen: 43.731 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

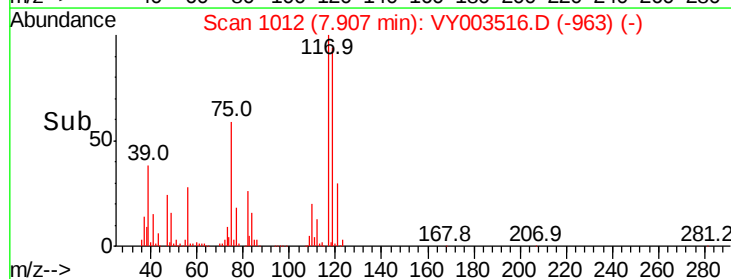
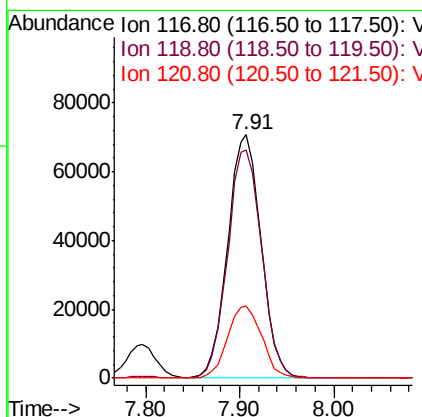
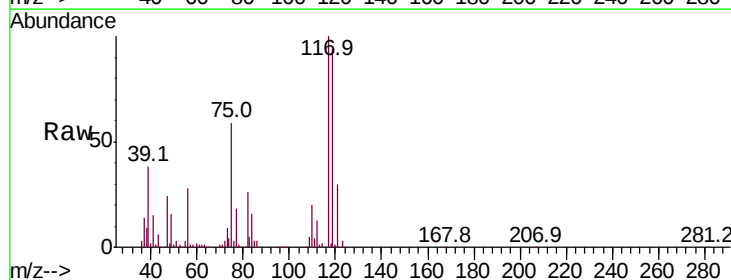
Instrument :
MSVOA_Y
ClientSampled :

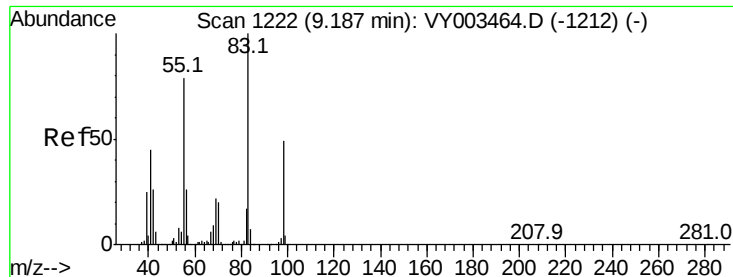
Tot Ion: 43 Resp: 92109
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.575 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 117 Resp: 174451
Ion Ratio Lower Upper
117 100
119 93.7 76.2 114.4
121 29.6 24.2 36.4

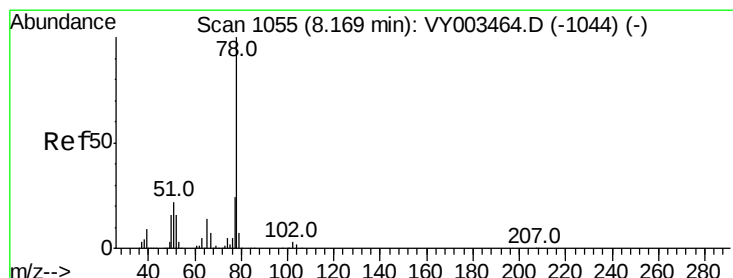
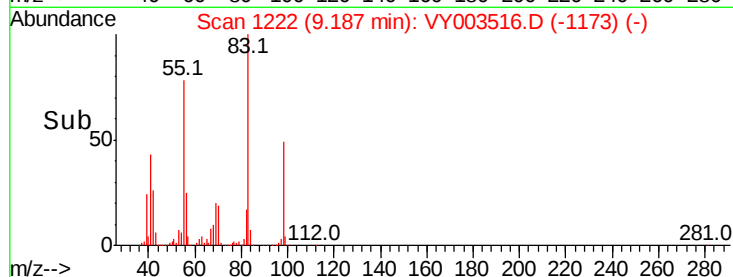
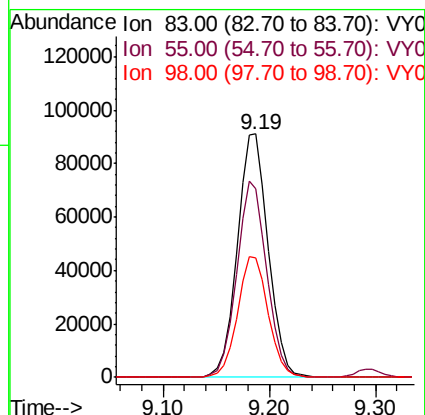
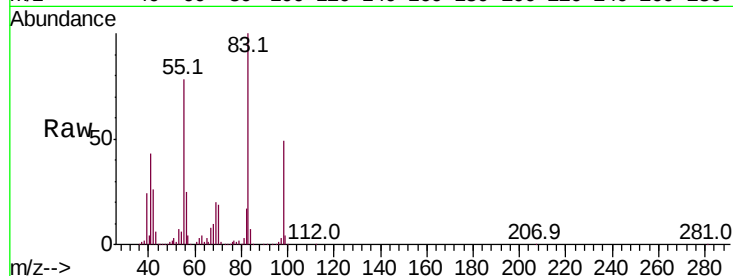




#39
Methvlcvclohexane
Concen: 48.932 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

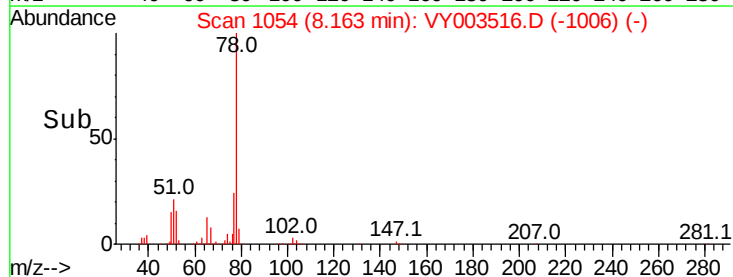
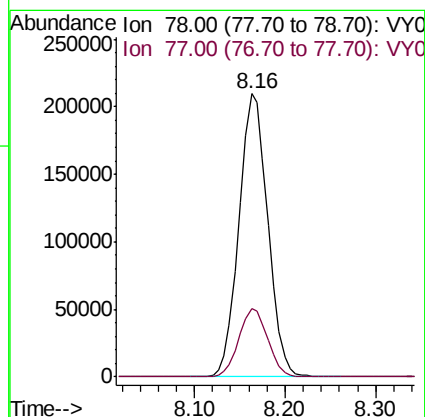
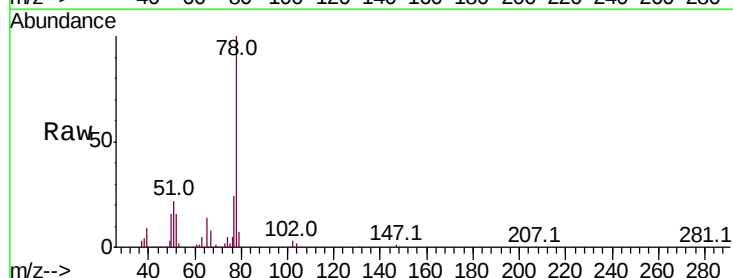
Instrument :
MSVOA_Y
ClientSampleId :

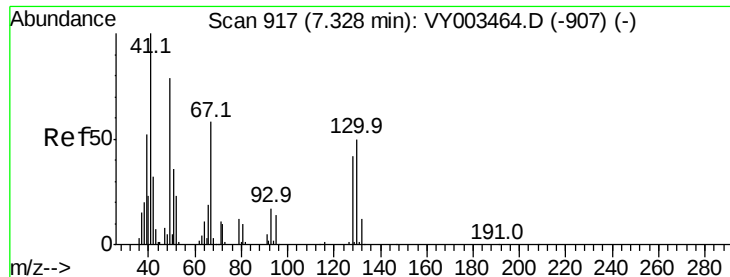
Tot Ion: 83 Resp: 184813
Ion Ratio Lower Upper
83 100
55 77.6 63.5 95.3
98 49.1 39.4 59.2



#40
Benzene
Concen: 48.919 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 78 Resp: 461774
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

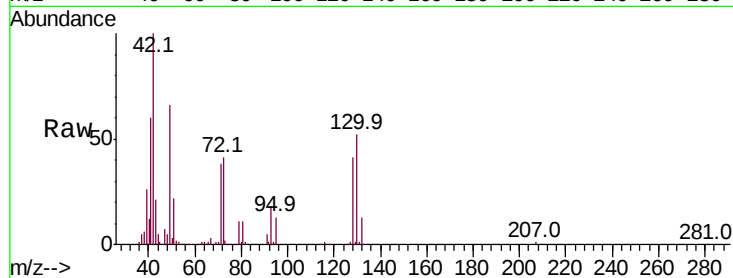




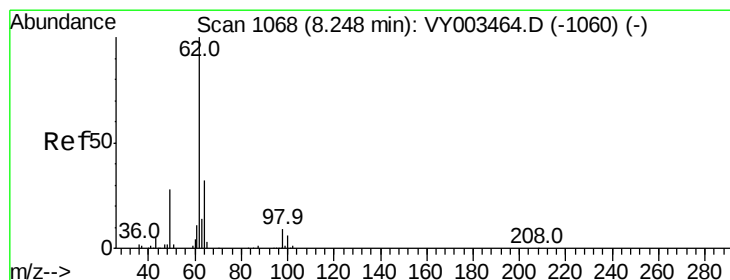
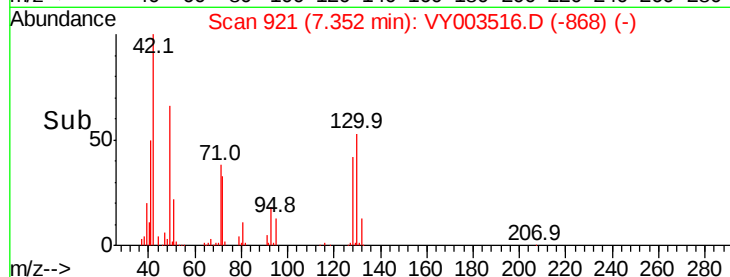
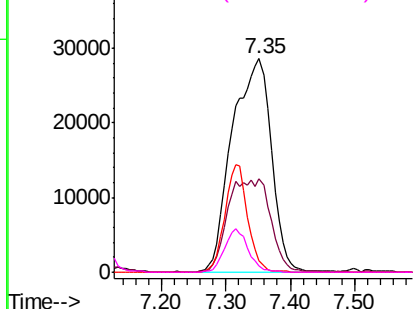
#41
Methacrylonitrile
Concen: 107.155 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 120524
Ion Ratio Lower Upper
41 100
39 47.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

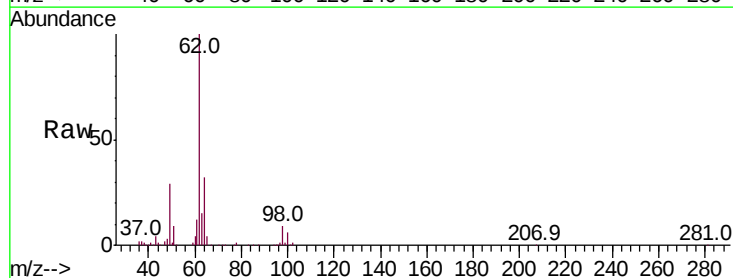


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

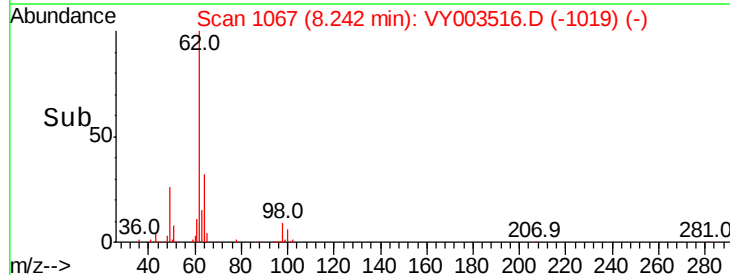
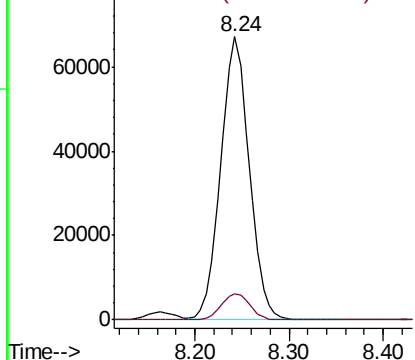


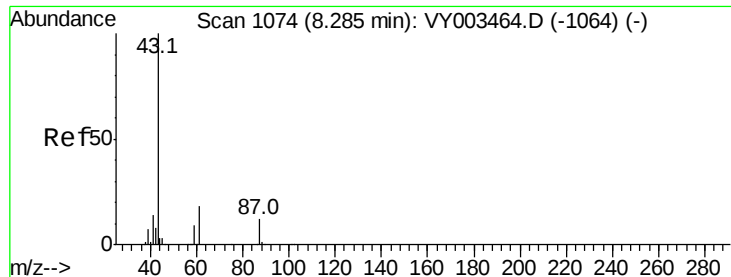
#42
1,2-Dichloroethane
Concen: 47.725 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 62 Resp: 141160
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.2



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





#43

Isopropyl Acetate

Concen: 45.453 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampled :

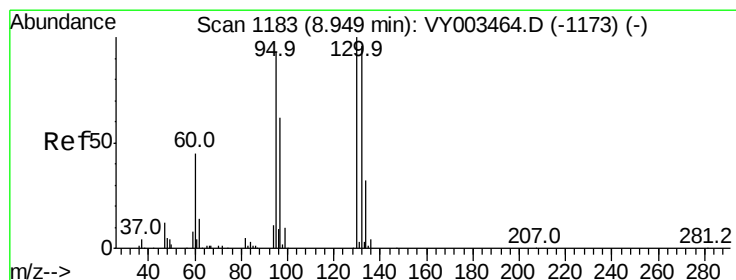
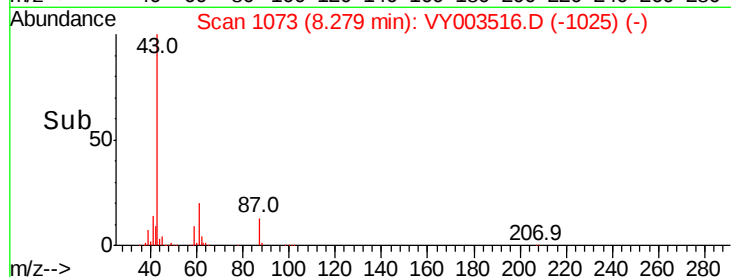
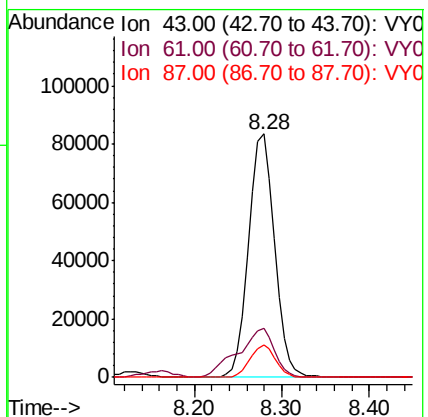
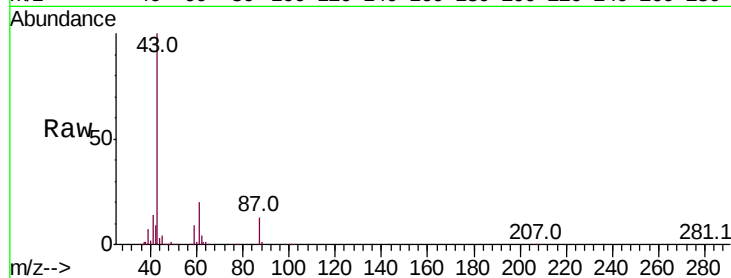
Tot Ion: 43 Resp: 172055

Ion Ratio Lower Upper

43 100

61 28.3 21.9 32.9

87 13.0 10.0 15.0



#44

Trichloroethene

Concen: 49.912 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003516.D

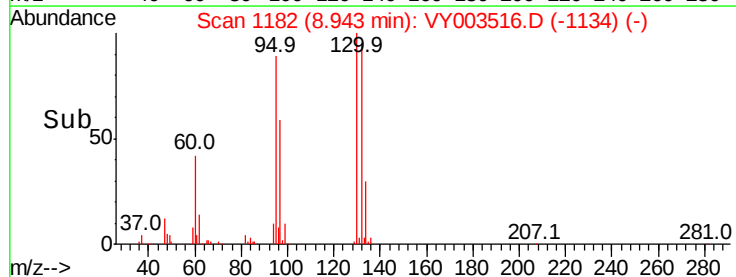
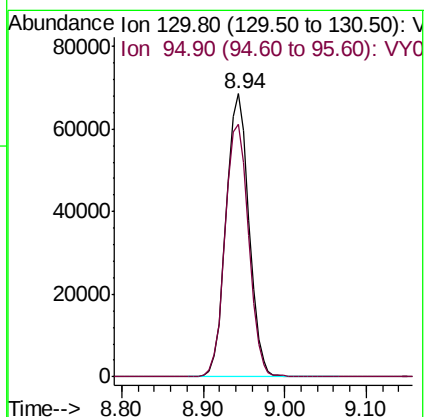
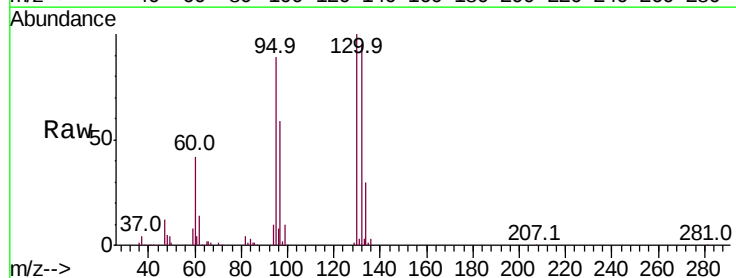
Acq: 05 Nov 2020 10:31

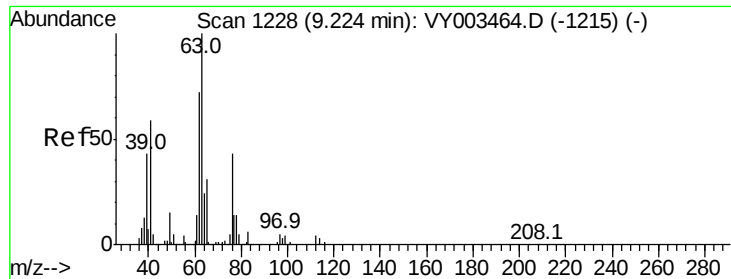
Tgt Ion:130 Resp: 132268

Ion Ratio Lower Upper

130 100

95 89.4 0.0 186.6





#45

1,2-Dichloropropane

Concen: 50.145 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

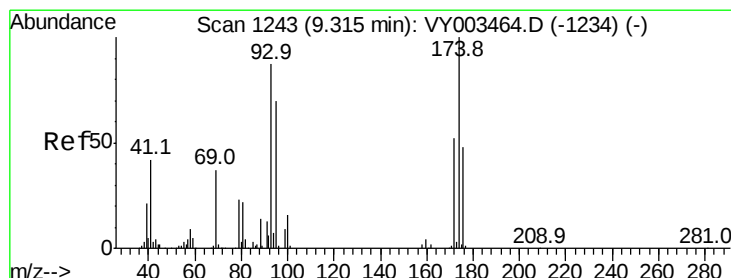
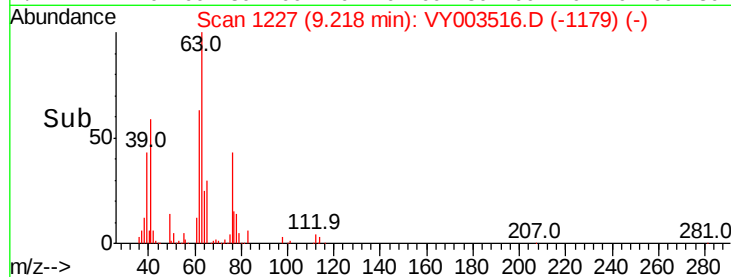
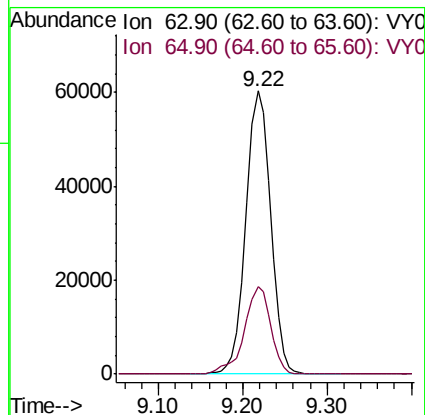
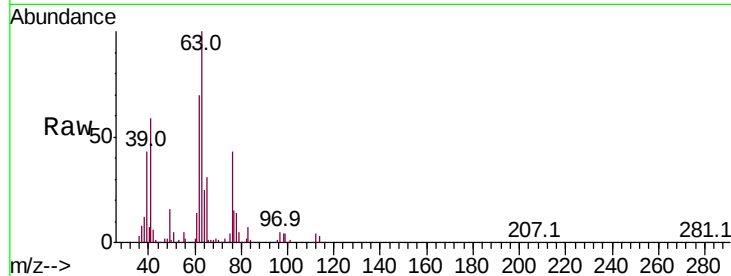
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 119537

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 48.522 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

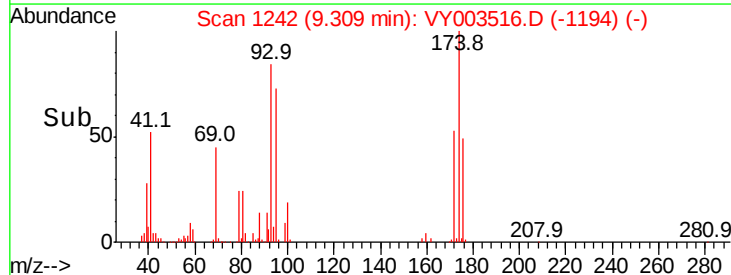
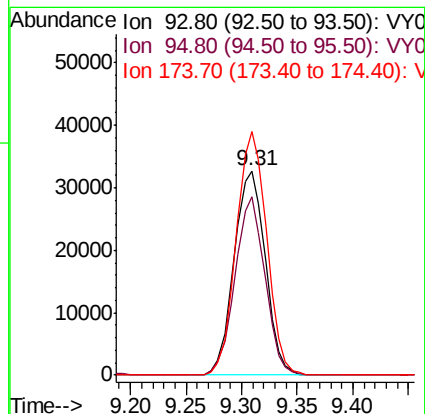
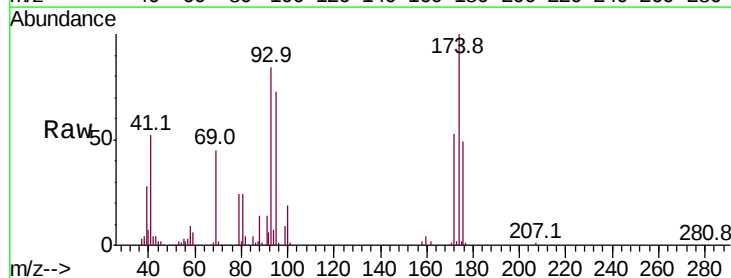
Tgt Ion: 93 Resp: 63636

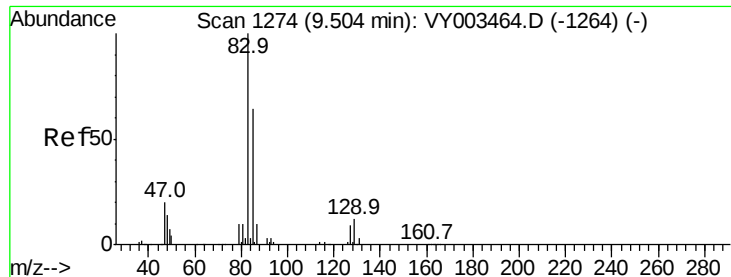
Ion Ratio Lower Upper

93 100

95 83.3 65.0 97.6

174 116.2 91.8 137.6





#47

Bromodichloromethane

Concen: 49.889 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampled :

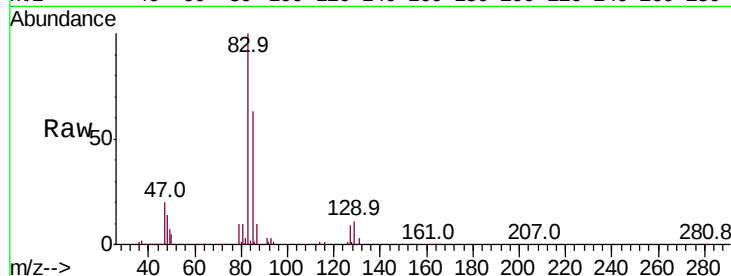
Tot Ion: 83 Resp: 160143

Ion Ratio Lower Upper

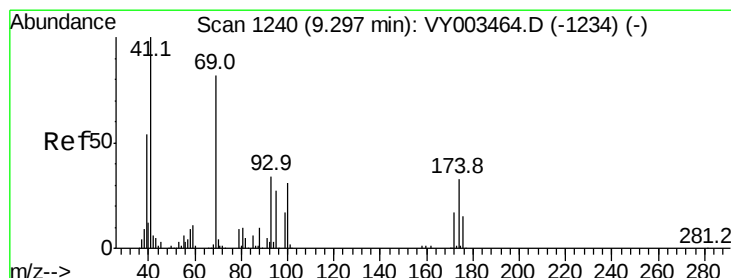
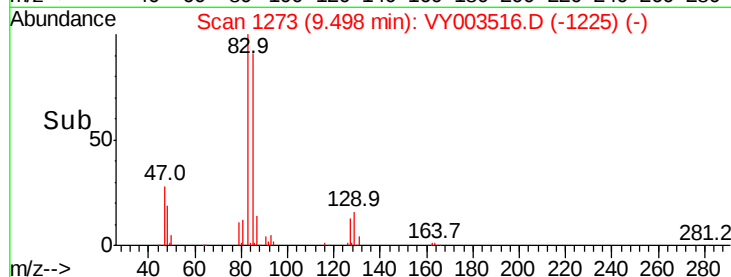
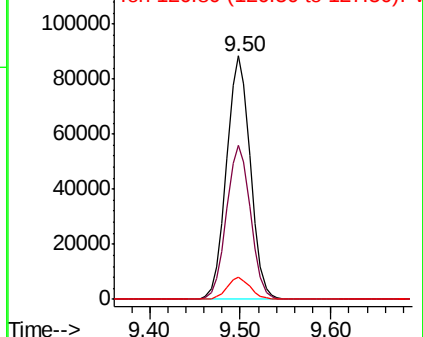
83 100

85 63.2 51.0 76.6

127 9.3 7.1 10.7



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



#48

Methyl methacrylate

Concen: 46.064 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

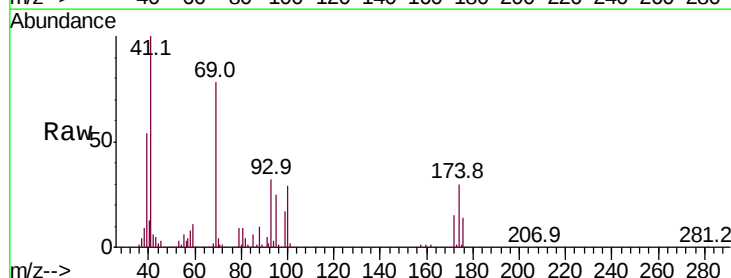
Tgt Ion: 41 Resp: 82139

Ion Ratio Lower Upper

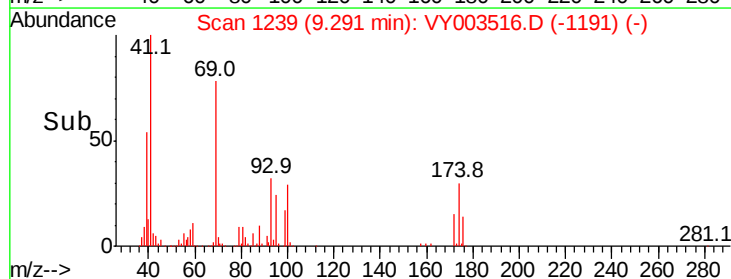
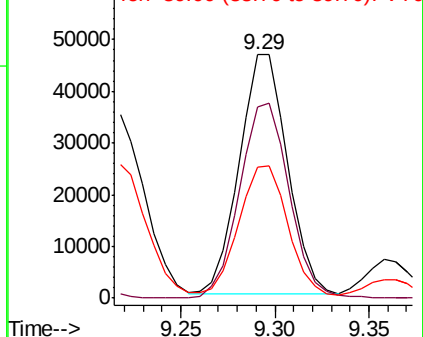
41 100

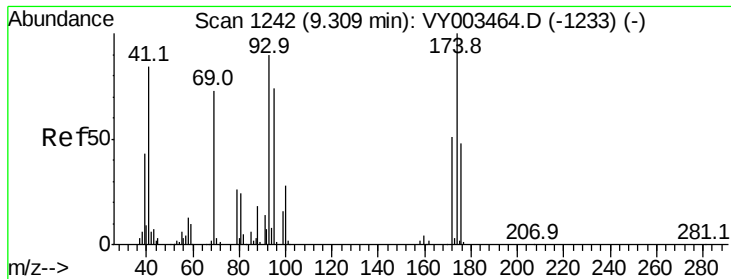
69 84.1 65.9 98.9

39 57.4 43.2 64.8



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

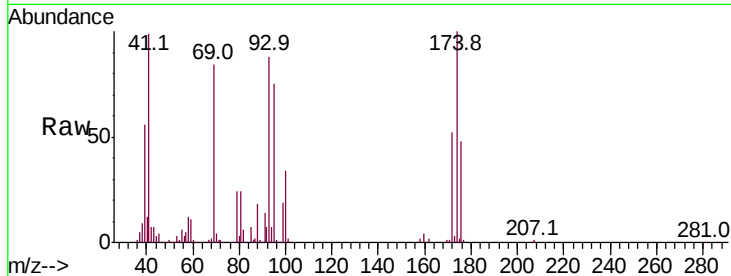




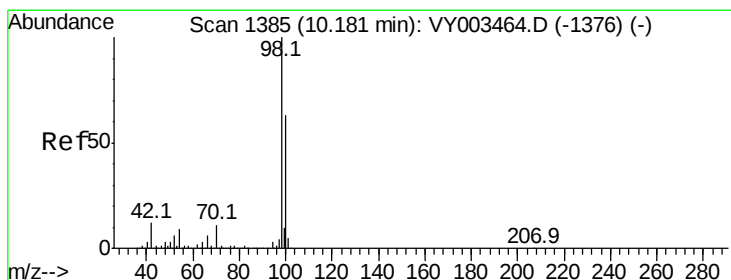
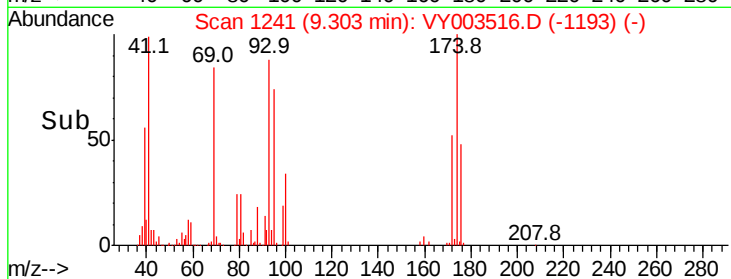
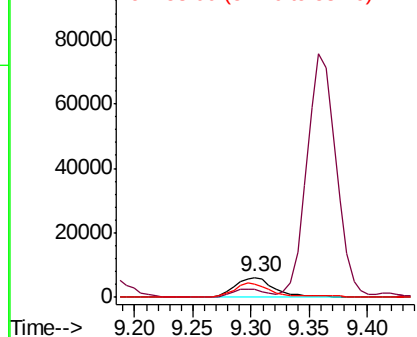
#49
1,4-Dioxane
Concen: 889.628 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 14558
Ion Ratio Lower Upper
88 100
43 37.4 27.6 41.4
58 67.6 54.2 81.2

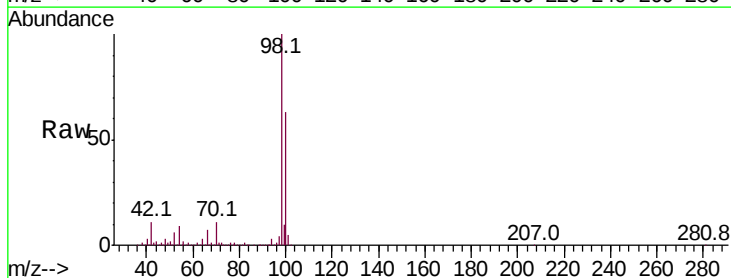


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

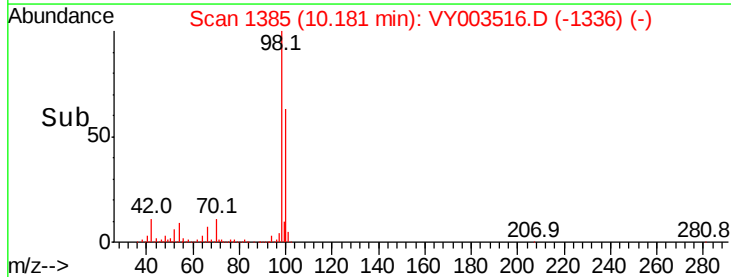
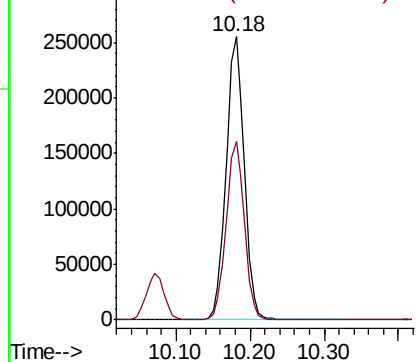


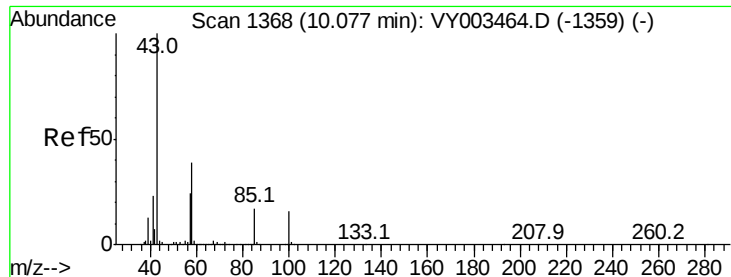
#50
Toluene-d8
Concen: 47.398 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion: 98 Resp: 431671
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



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: 230.163 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

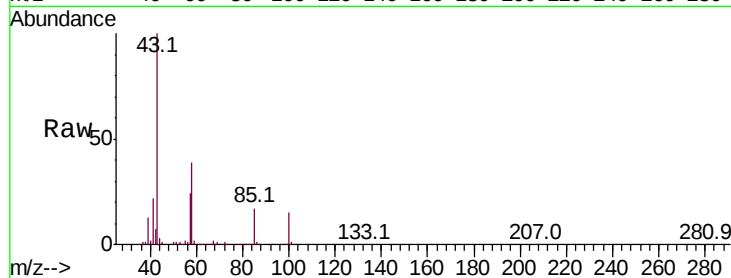
ClientSampleId :

Tot Ion: 43 Resp: 464201

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY003464.D (-1359) (-)

10.07

250000

200000

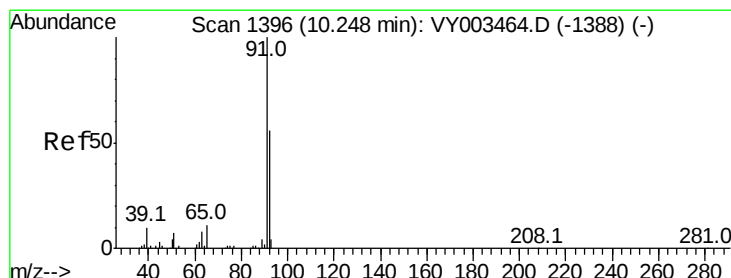
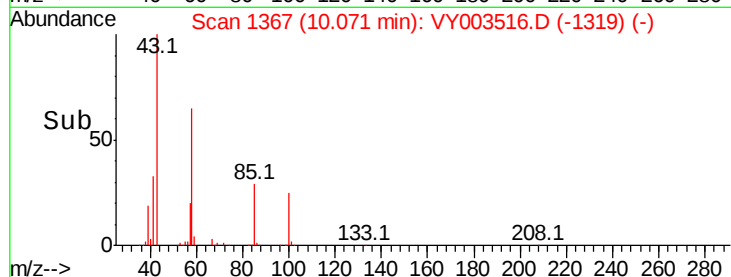
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.000 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003516.D

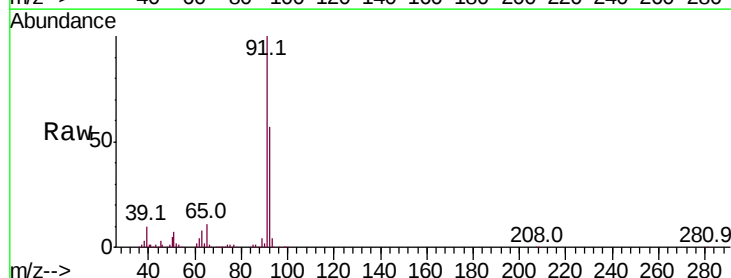
Acq: 05 Nov 2020 10:31

Tgt Ion: 92 Resp: 295203

Ion Ratio Lower Upper

92 100

91 175.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY003464.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY003464.D (-1388) (-)

10.24

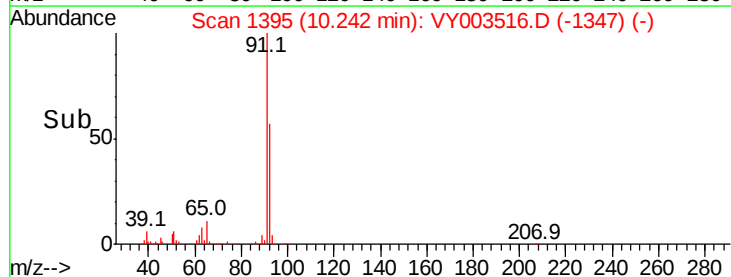
300000

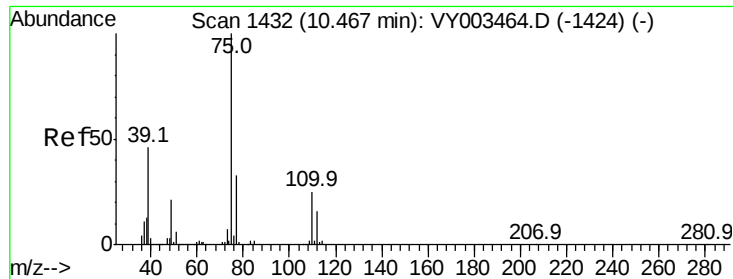
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.205 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

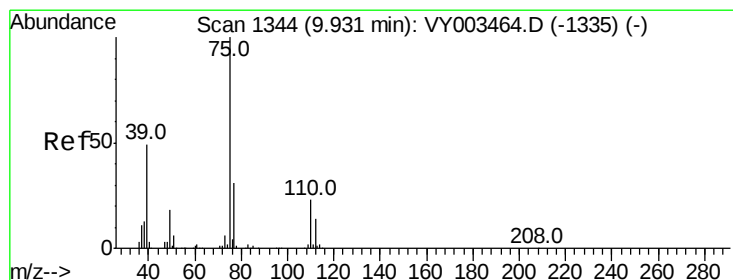
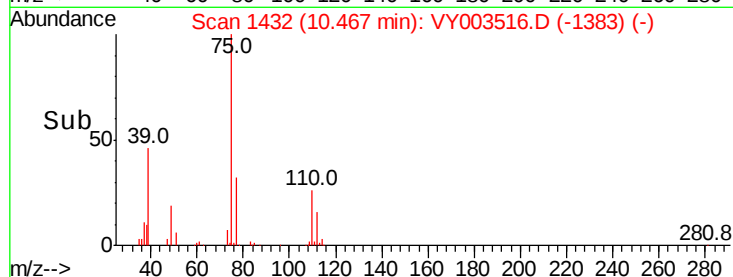
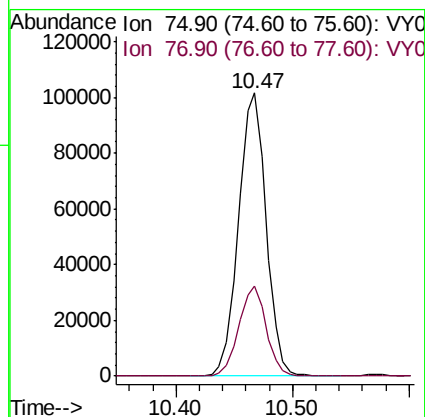
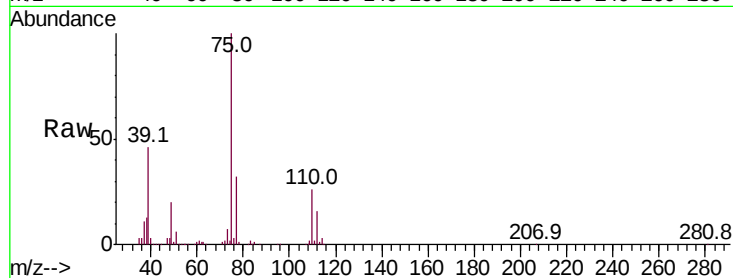
ClientSampleId :

Tot Ion: 75 Resp: 168088

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.542 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

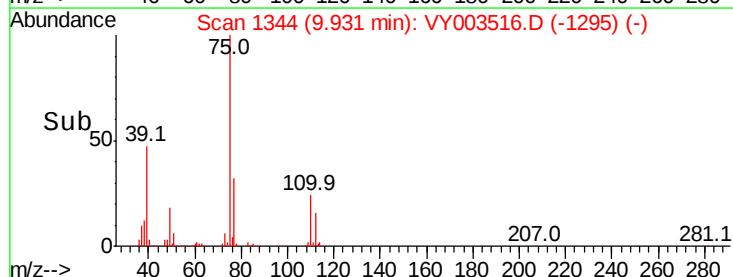
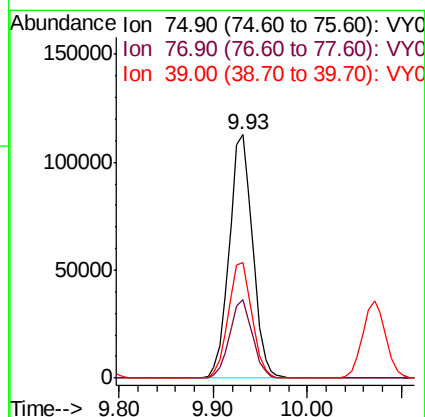
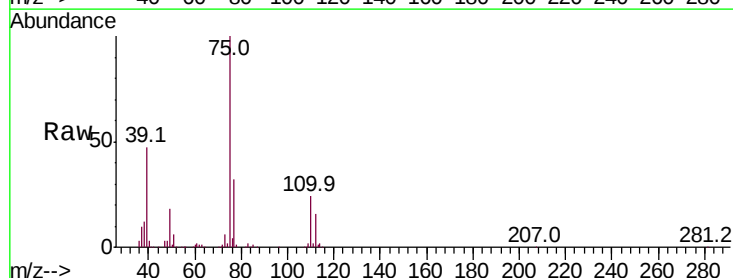
Tgt Ion: 75 Resp: 194286

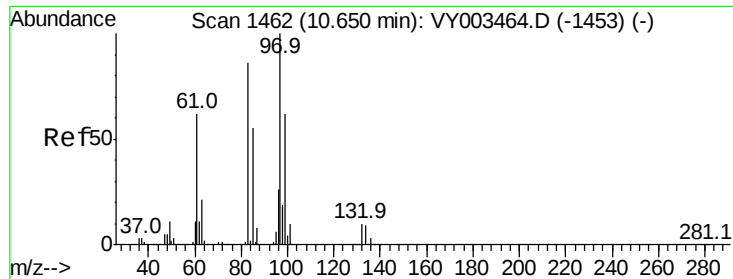
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 47.4 39.0 58.4

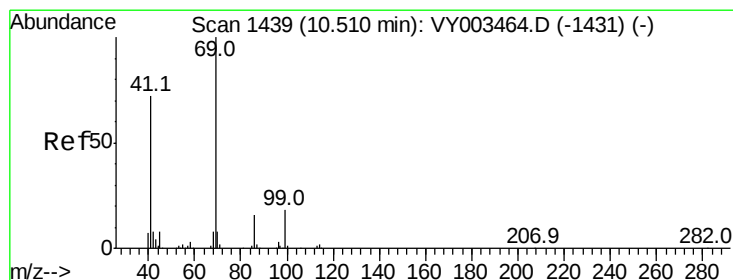
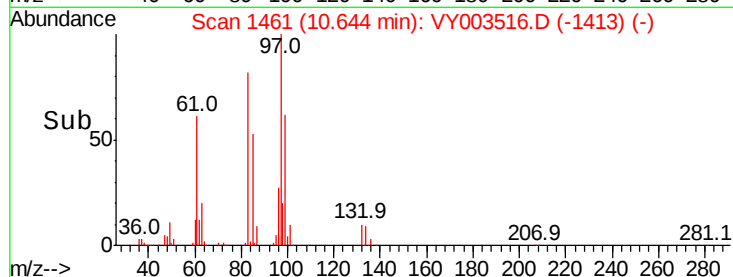
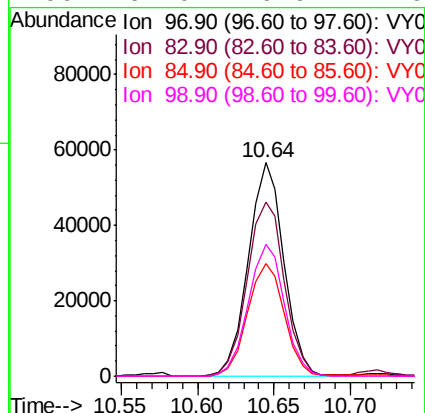
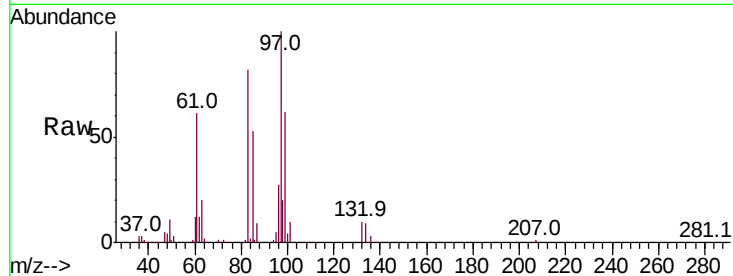




#55
 1,1,2-Trichloroethane
 Concen: 49.265 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

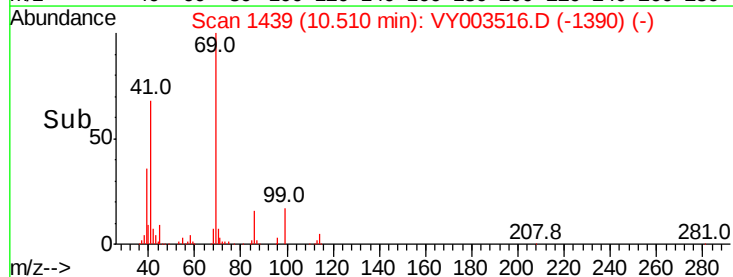
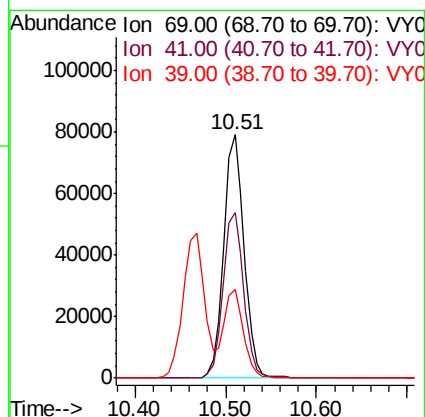
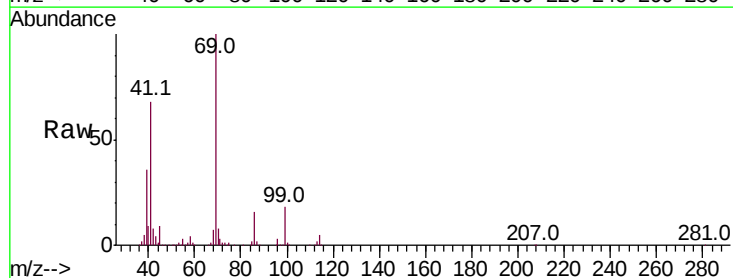
Instrument :
 MSVOA_Y
 ClientSampleId :

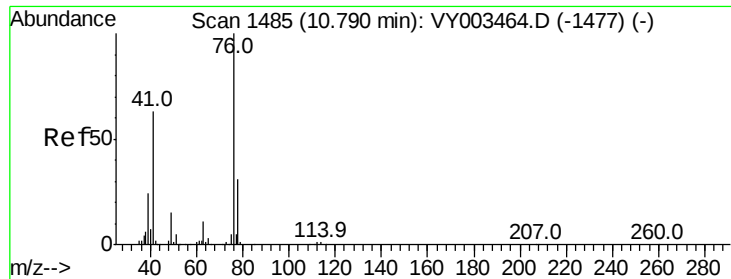
Tot Ion: 97 Resp: 91718
 Ion Ratio Lower Upper
 97 100
 83 81.5 68.6 102.8
 85 52.7 43.8 65.6
 99 62.0 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 49.616 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 69 Resp: 123724
 Ion Ratio Lower Upper
 69 100
 41 68.4 55.4 83.2
 39 35.8 28.7 43.1





#57

1,3-Dichloropropane

Concen: 49.948 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

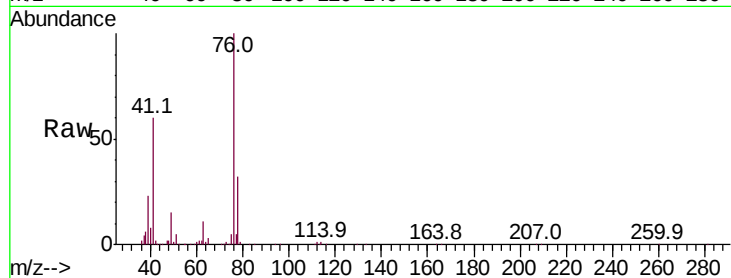
ClientSampled :

Tot Ion: 76 Resp: 161694

Ion Ratio Lower Upper

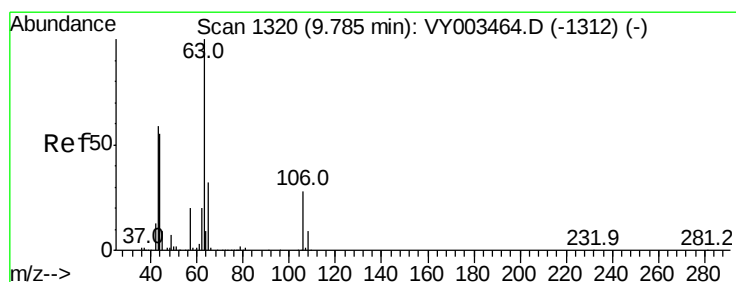
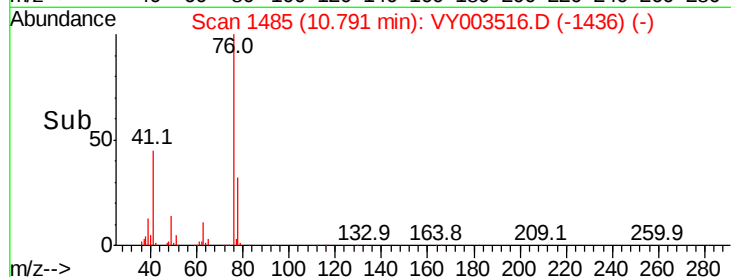
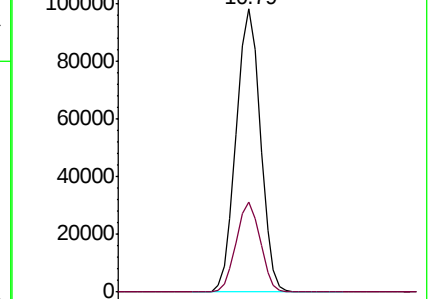
76 100

78 31.6 25.8 38.8



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: 241.933 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003516.D

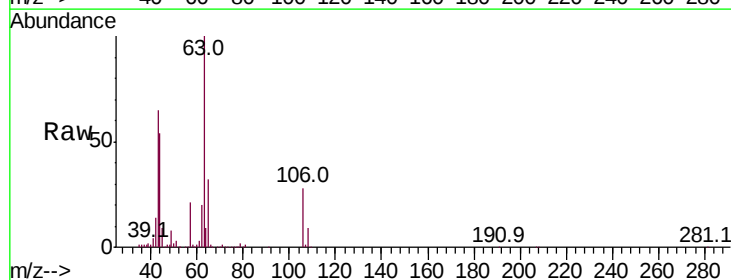
Acq: 05 Nov 2020 10:31

Tgt Ion: 63 Resp: 305836

Ion Ratio Lower Upper

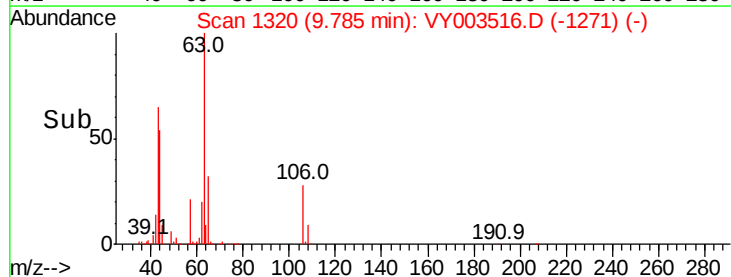
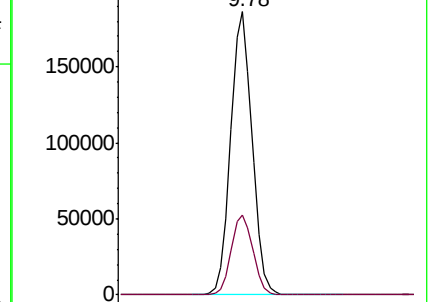
63 100

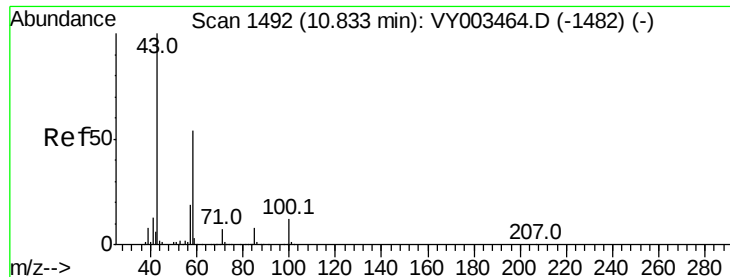
106 28.5 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 237.996 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

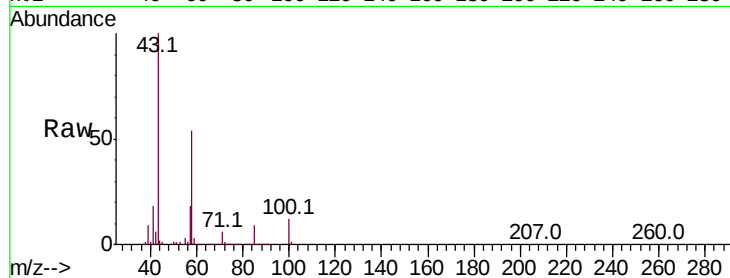
ClientSampleId :

Tot Ion: 43 Resp: 355394

Ion Ratio Lower Upper

43 100

58 54.4 26.8 80.3



Abundance Ion 43.00 (42.70 to 43.70): VY003464.D (-1482) (-)

Ion 58.00 (57.70 to 58.70): VY003464.D (-1482) (-)

10.83

250000

200000

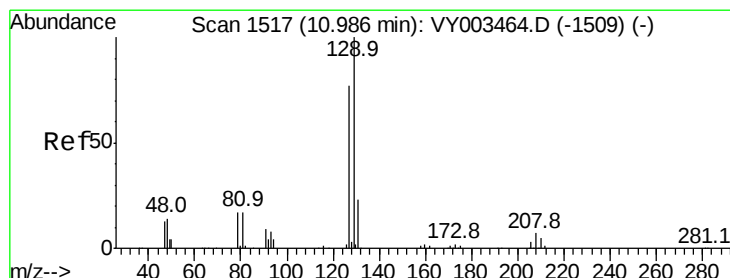
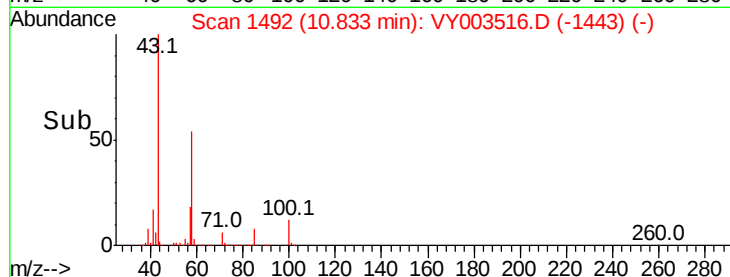
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 50.805 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003516.D

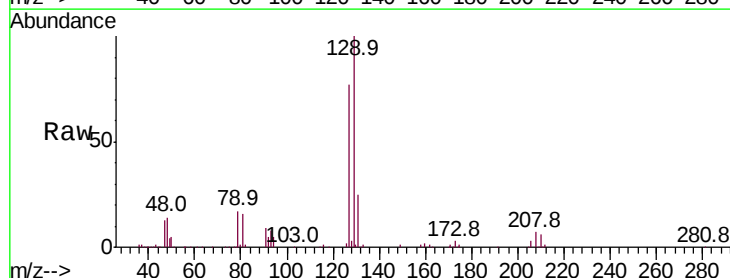
Acq: 05 Nov 2020 10:31

Tgt Ion: 129 Resp: 116252

Ion Ratio Lower Upper

129 100

127 77.2 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): VY003464.D (-1509) (-)

Ion 126.80 (126.50 to 127.50): VY003464.D (-1509) (-)

10.99

80000

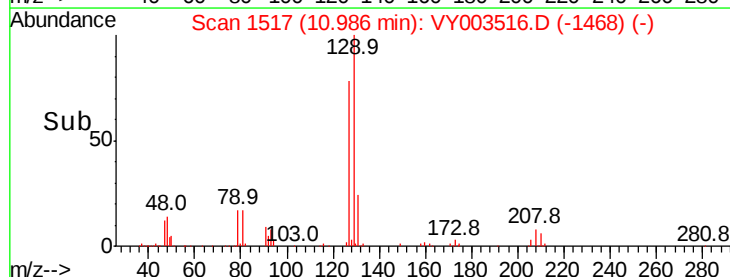
60000

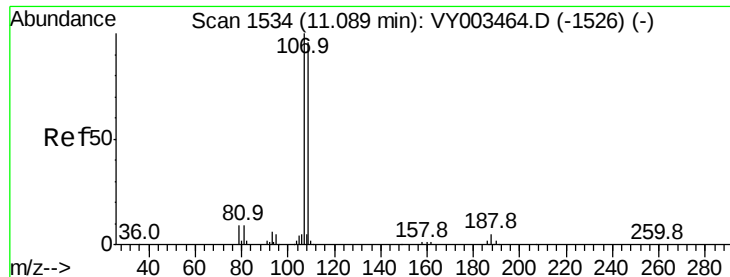
40000

20000

0

Time-->

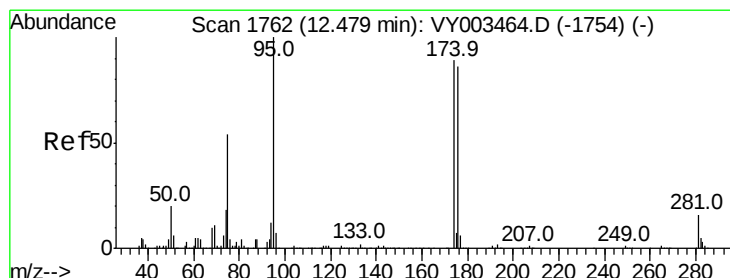
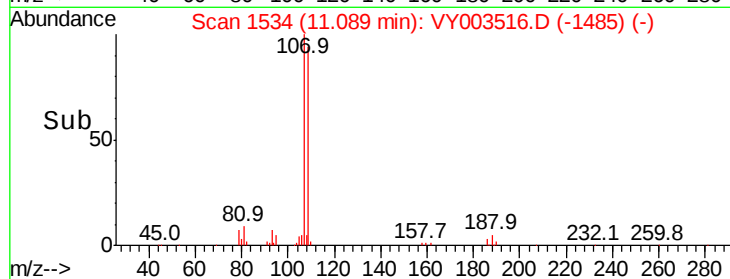
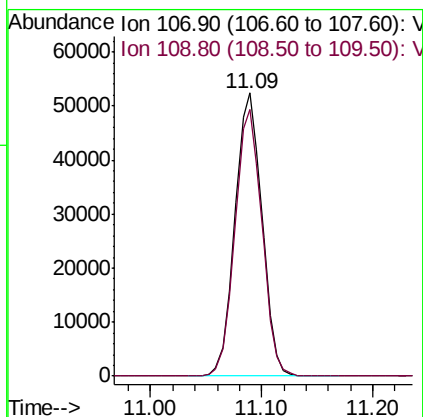
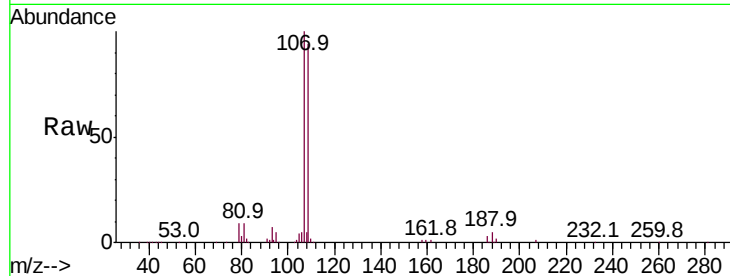




#61
 1,2-Dibromoethane
 Concen: 48.877 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

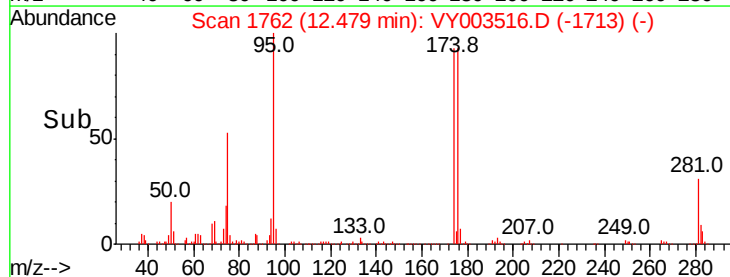
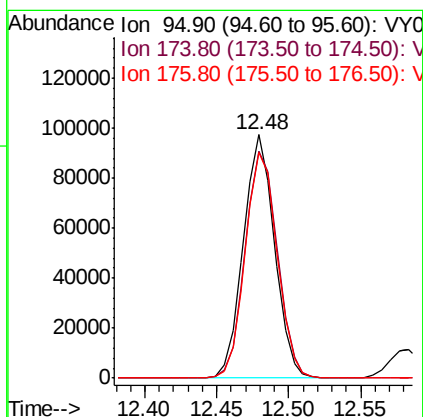
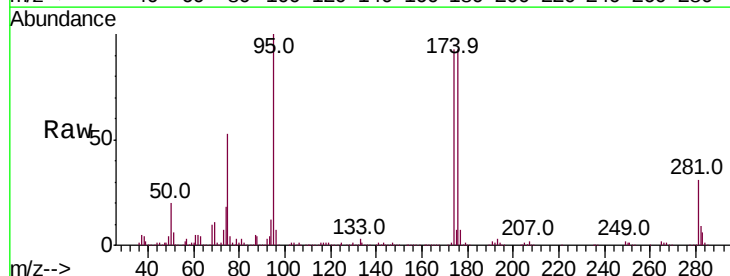
Instrument :
 MSVOA_Y
 ClientSampleId :

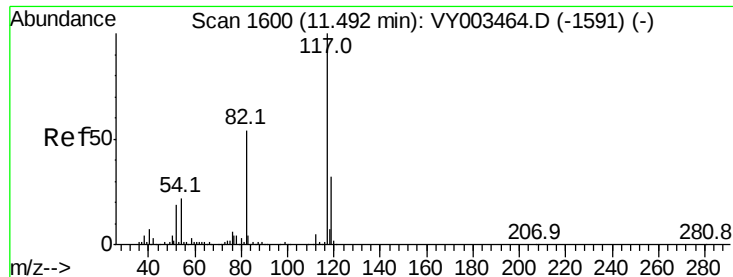
Tot Ion:107 Resp: 87849
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.297 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 95 Resp: 145740
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 193.0
 176 94.6 0.0 187.4

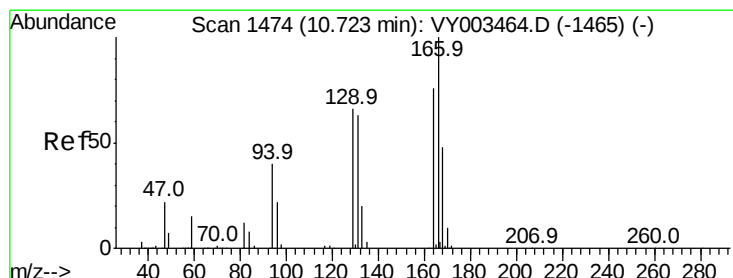
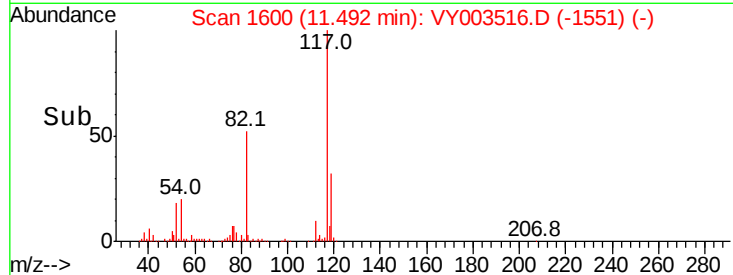
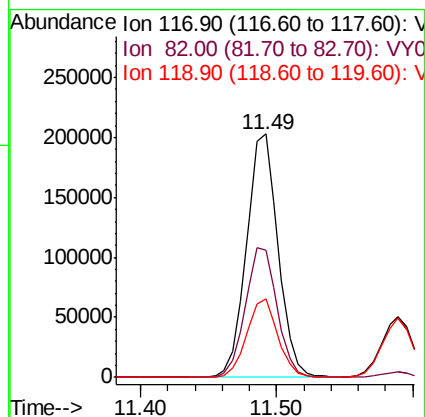
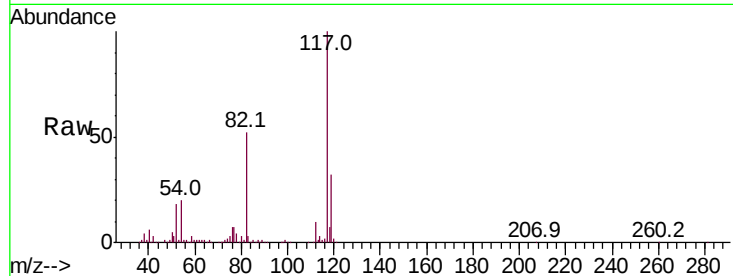




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

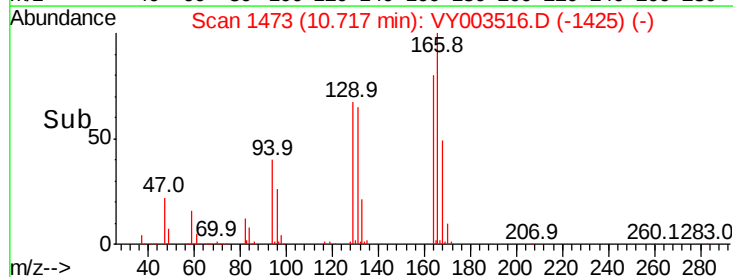
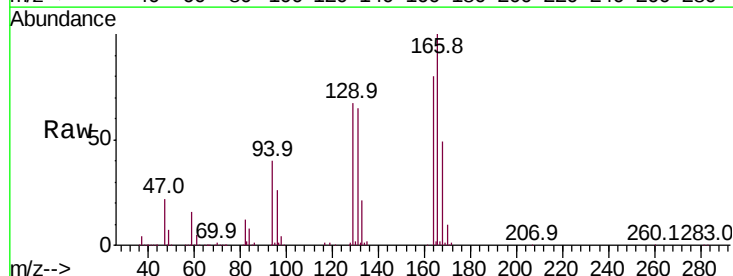
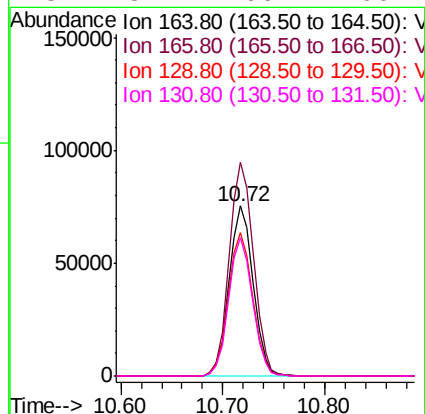
Instrument :
MSVOA_Y
ClientSampled :

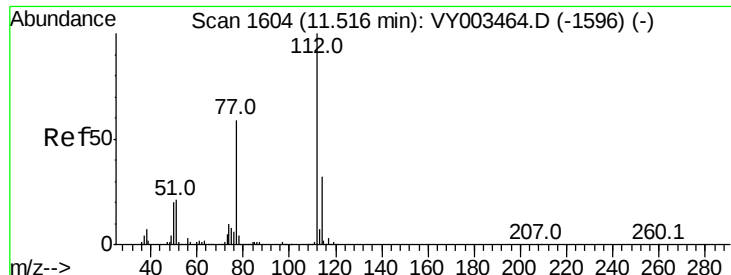
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.2
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 49.793 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	104.9	157.3
129	84.5	68.9	103.3
131	81.4	66.2	99.2

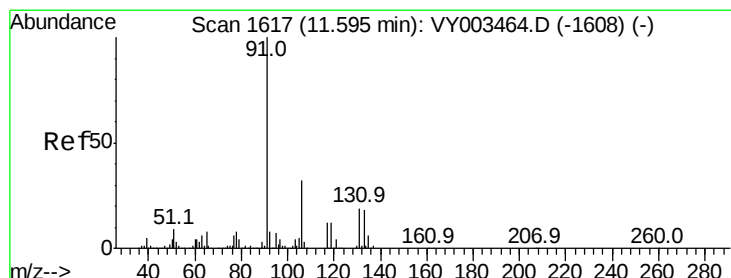
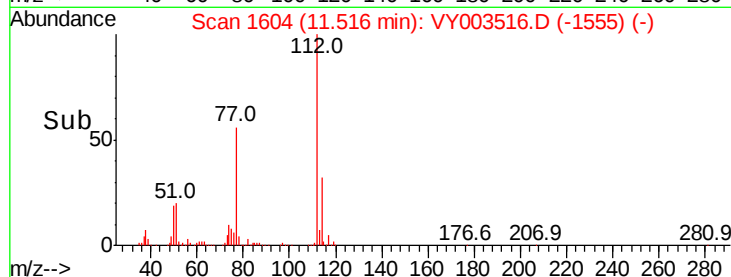
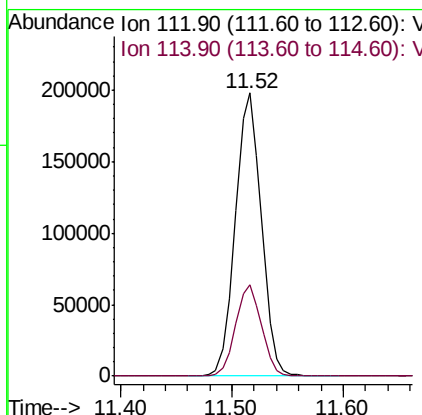
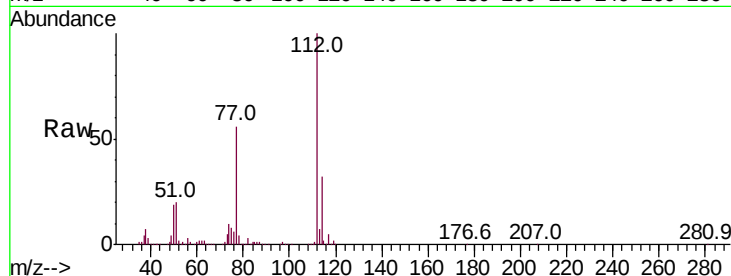




#65
Chlorobenzene
Concen: 49.873 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

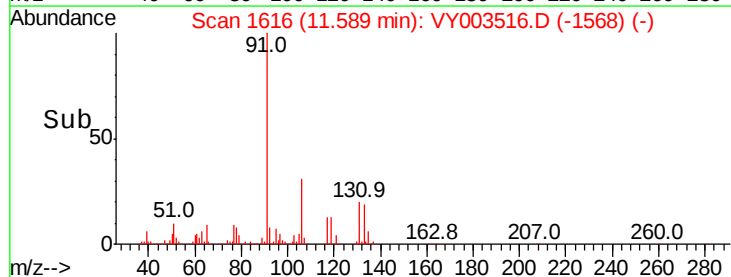
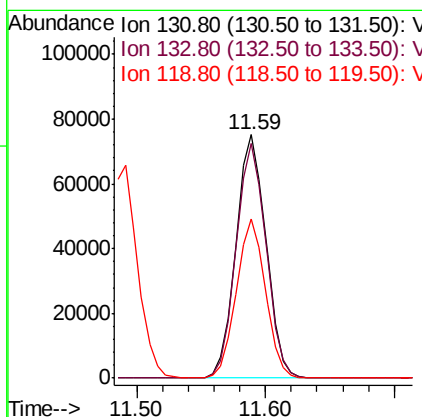
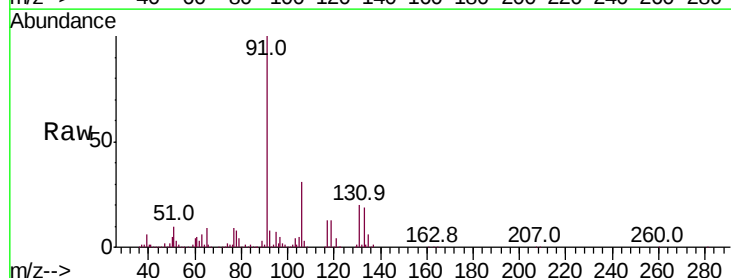
Instrument :
MSVOA_Y
ClientSampleId :

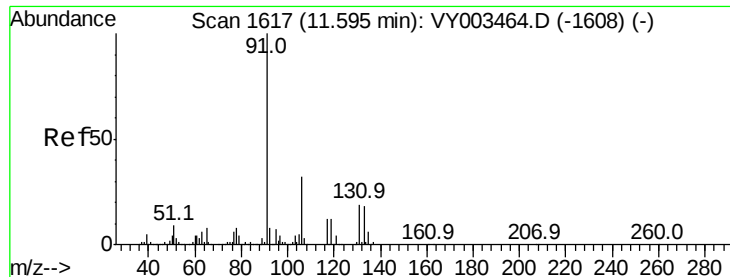
Tot Ion:112 Resp: 319596
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.317 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion:131 Resp: 121601
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 63.4 31.6 95.0





#67

Ethyl Benzene

Concen: 49.907 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

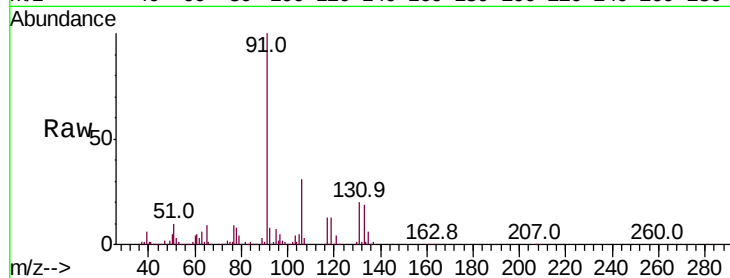
ClientSampleId :

Tot Ion: 91 Resp: 579910

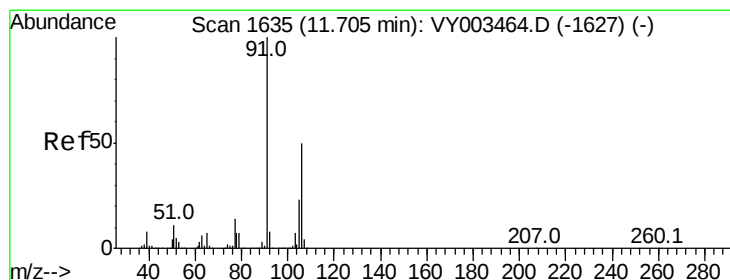
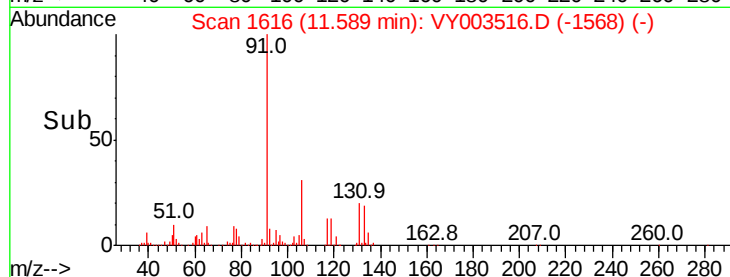
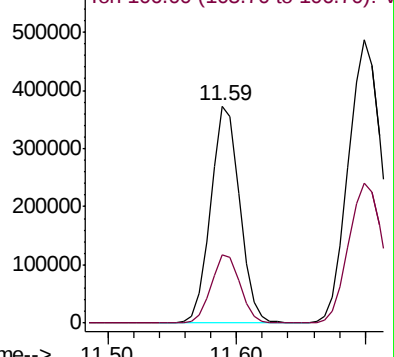
Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY003516.D (-1568) (-)



#68

m/p-Xylenes

Concen: 101.000 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003516.D

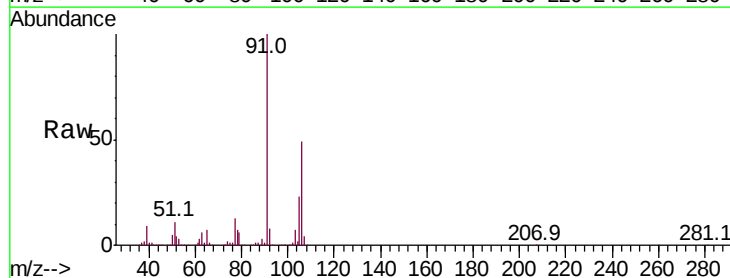
Acq: 05 Nov 2020 10:31

Tgt Ion: 106 Resp: 444744

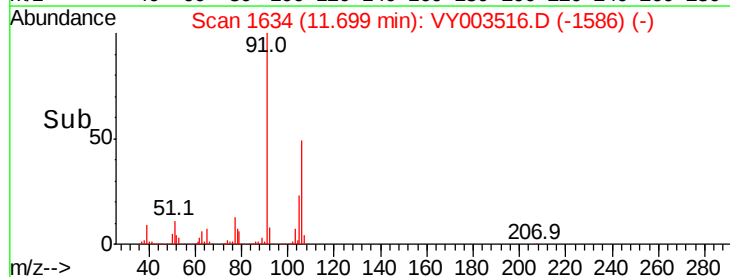
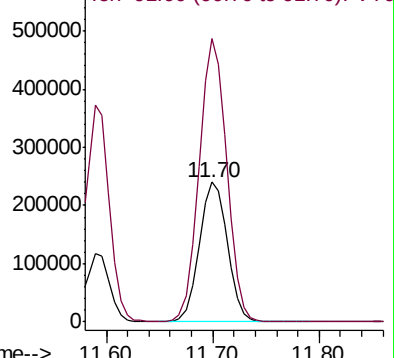
Ion Ratio Lower Upper

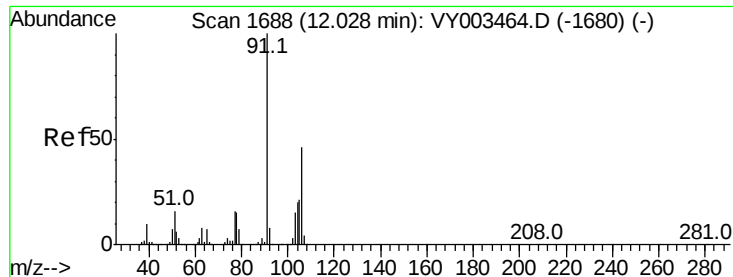
106 100

91 198.7 161.0 241.6



Abundance Ion 106.00 (105.70 to 106.70): VY003516.D (-1586) (-)

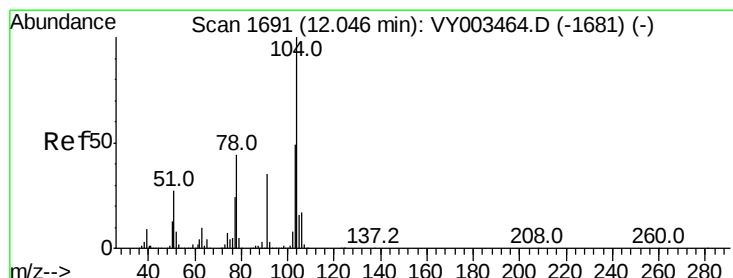
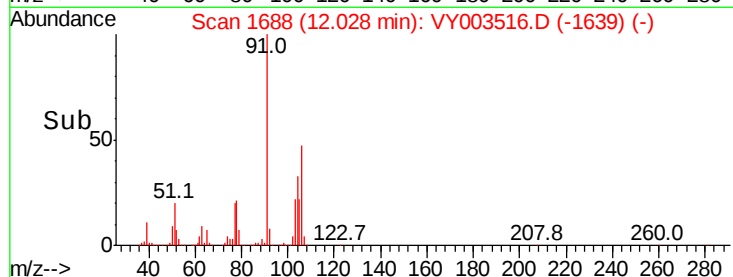
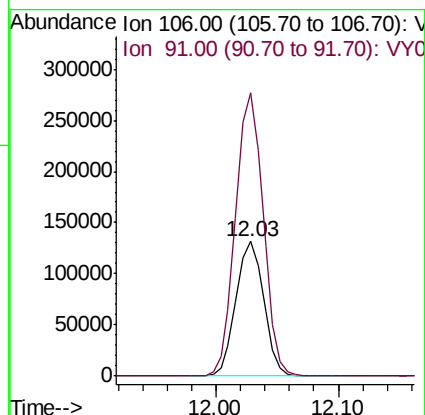
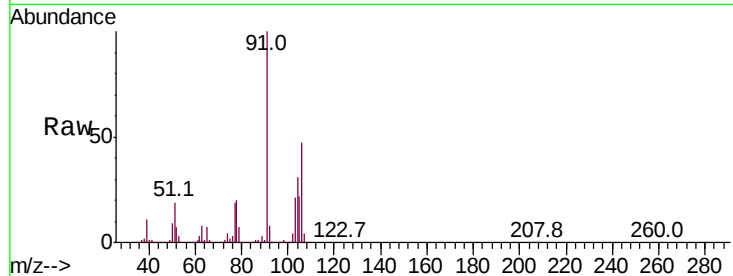




#69
o-Xylene
Concen: 50.943 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

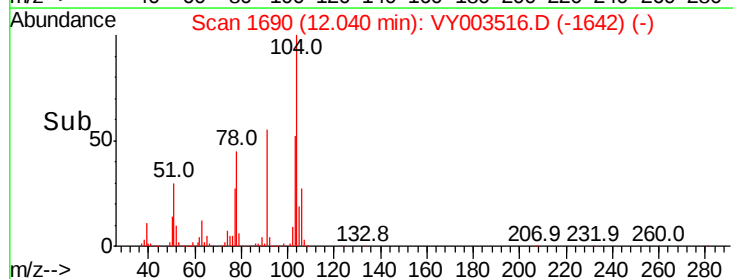
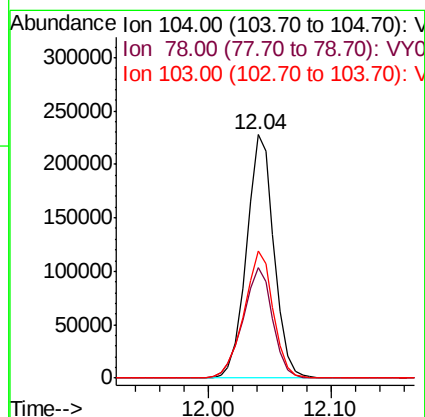
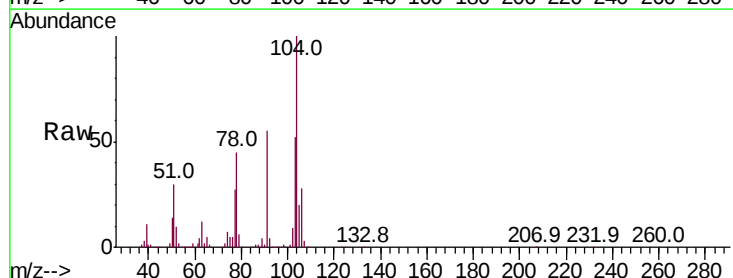
Instrument :
MSVOA_Y
ClientSampleId :

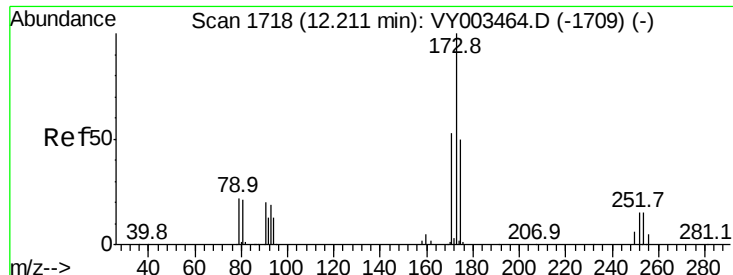
Tot Ion:106 Resp: 206350
Ion Ratio Lower Upper
106 100
91 210.6 105.5 316.5



#70
Styrene
Concen: 51.430 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion:104 Resp: 353718
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 55.7 44.2 66.2





#71

Bromoform

Concen: 48.991 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

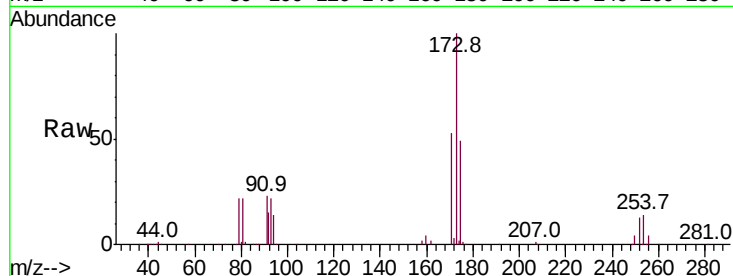
Tot Ion:173 Resp: 78917

Ion Ratio Lower Upper

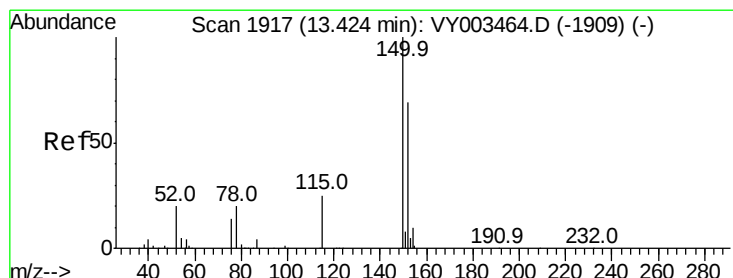
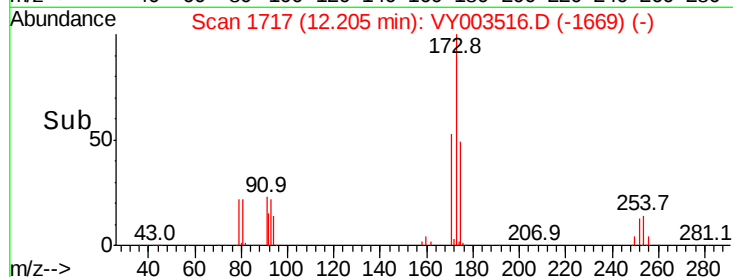
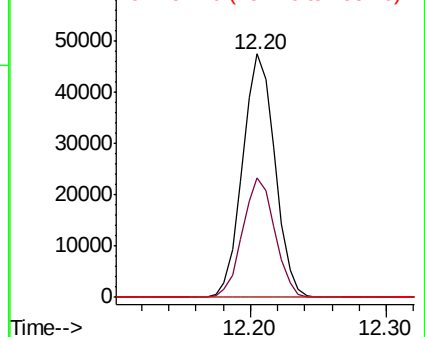
173 100

175 48.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

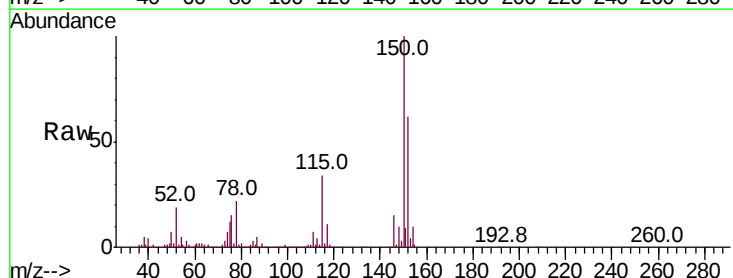
Tgt Ion:152 Resp: 178915

Ion Ratio Lower Upper

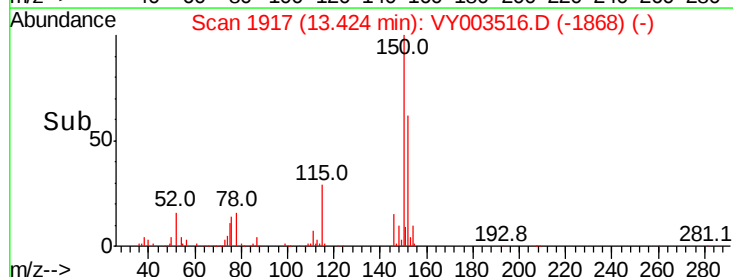
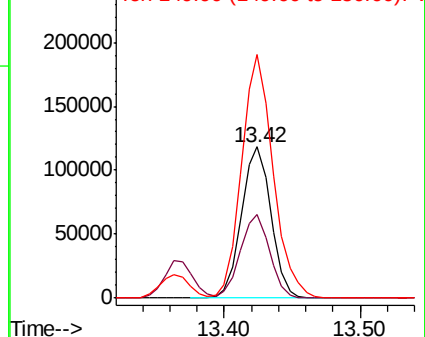
152 100

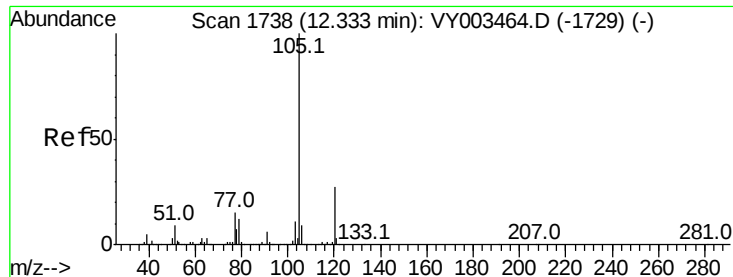
115 54.6 27.5 82.4

150 172.6 0.0 345.8



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: 48.533 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

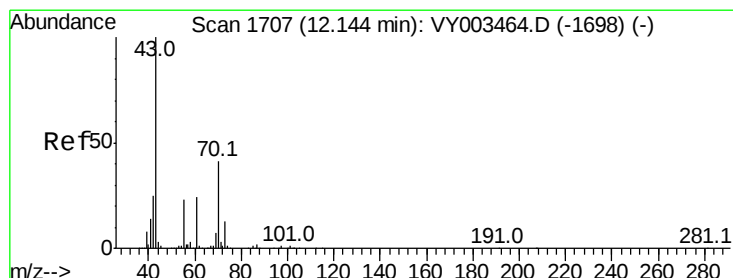
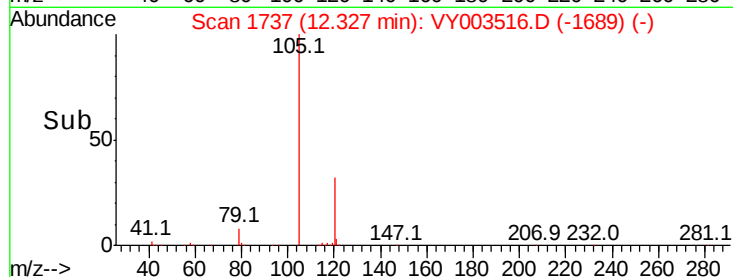
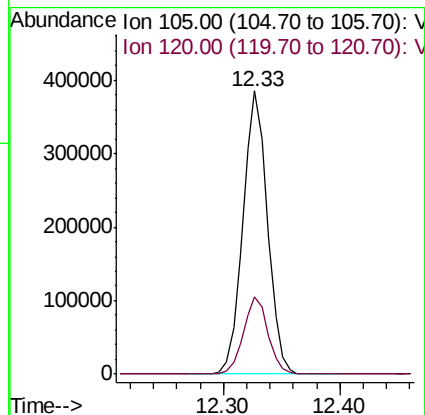
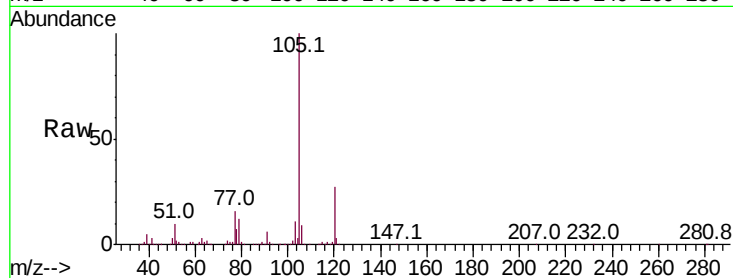
ClientSampleId :

Tot Ion:105 Resp: 567218

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 46.399 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion: 43 Resp: 153607

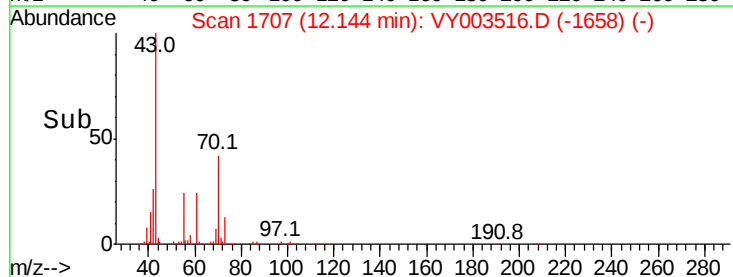
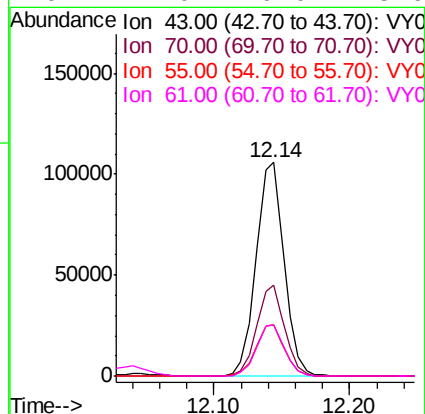
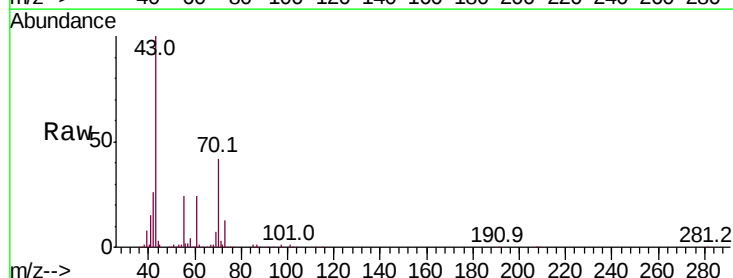
Ion Ratio Lower Upper

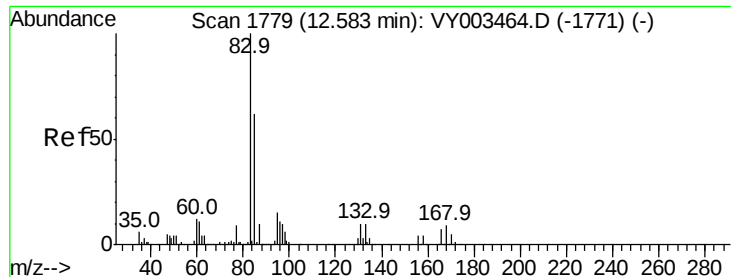
43 100

70 41.8 33.1 49.7

55 24.6 19.2 28.8

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.312 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

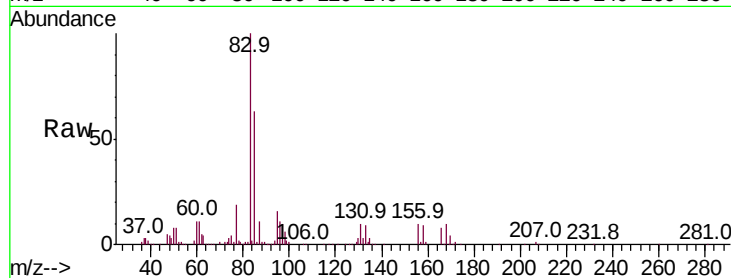
Tot Ion: 83 Resp: 115612

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 63.8 32.0 96.2

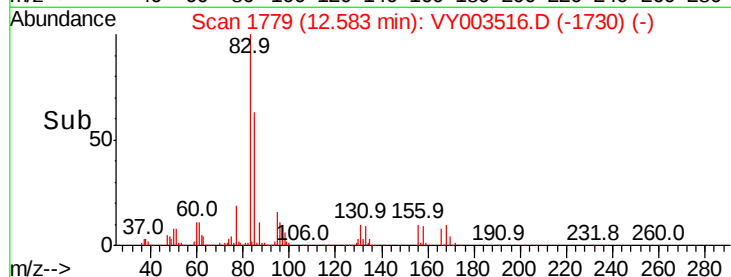


Abundance Ion 82.90 (82.60 to 83.60): VY003516.D (-1730) (-)

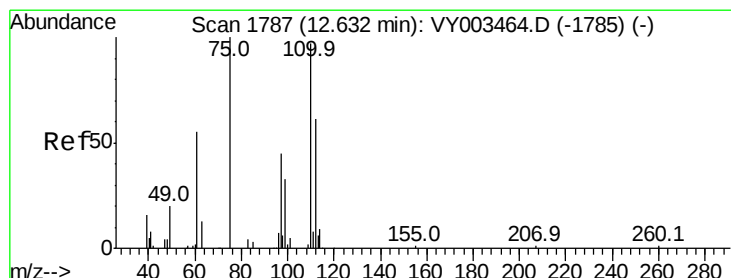
Ion 130.80 (130.50 to 131.50): VY003516.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003516.D (-1730) (-)

12.58



Time-->



#76

1,2,3-Trichloropropane

Concen: 80.424 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003516.D

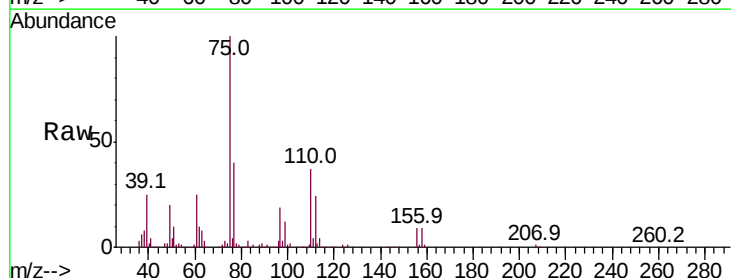
Acq: 05 Nov 2020 10:31

Tgt Ion: 75 Resp: 152246

Ion Ratio Lower Upper

75 100

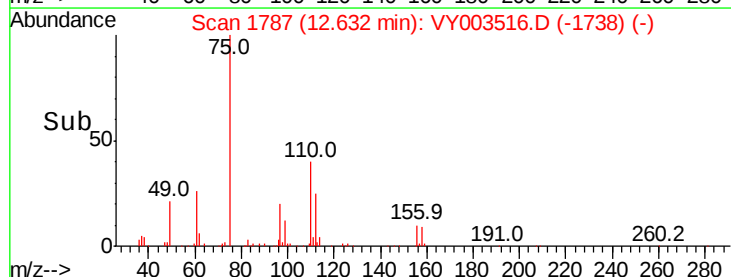
77 0.0 0.0 0.0



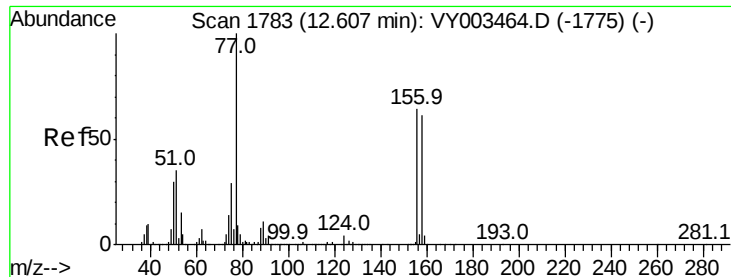
Abundance Ion 74.90 (74.60 to 75.60): VY003516.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003516.D (-1738) (-)

12.63



Time-->



#77

Bromobenzene

Concen: 48.620 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

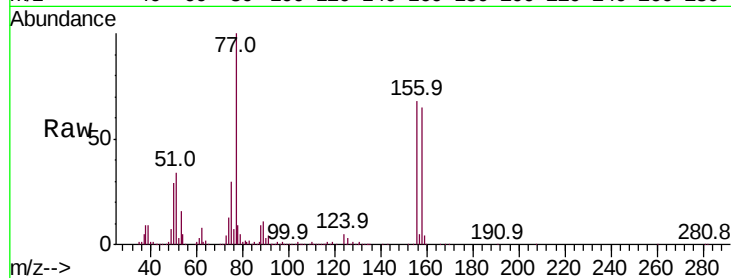
Tot Ion:156 Resp: 144375

Ion Ratio Lower Upper

156 100

77 172.6 87.0 260.9

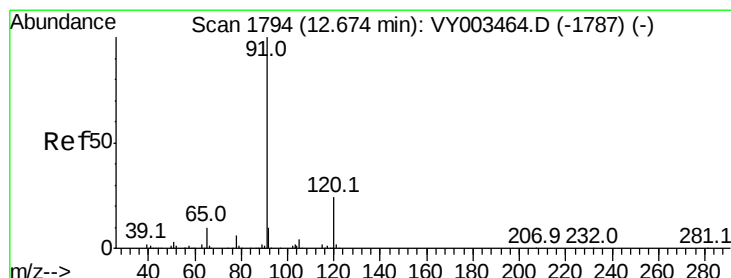
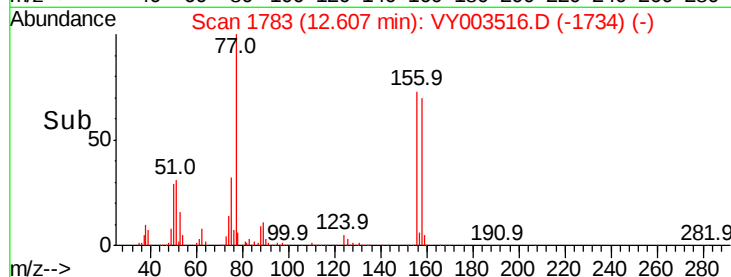
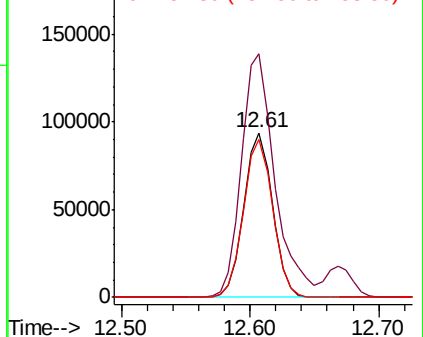
158 97.4 48.7 146.1



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: 49.418 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003516.D

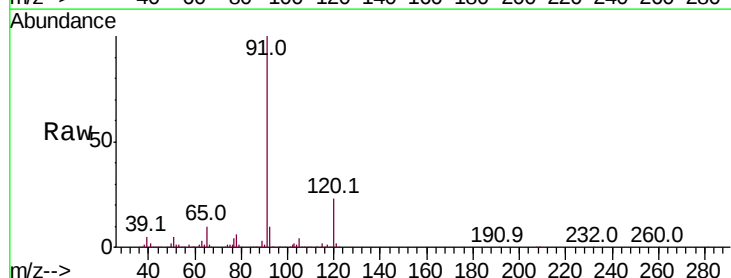
Acq: 05 Nov 2020 10:31

Tgt Ion: 91 Resp: 680300

Ion Ratio Lower Upper

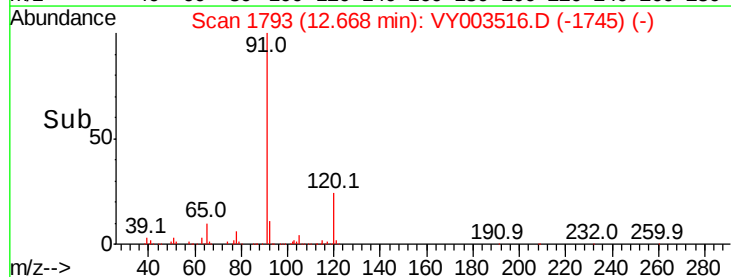
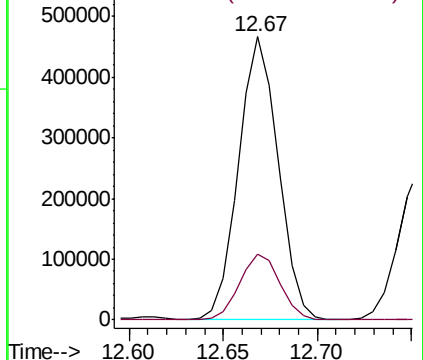
91 100

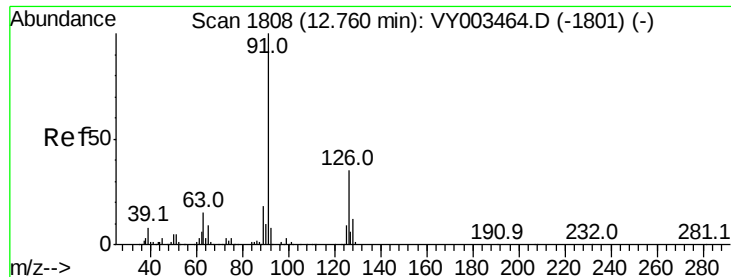
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

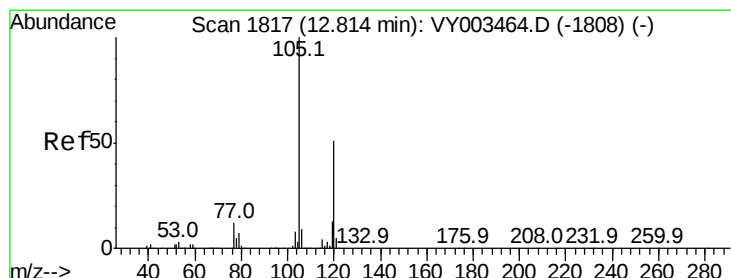
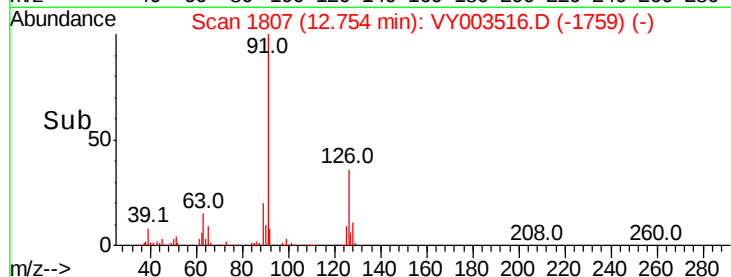
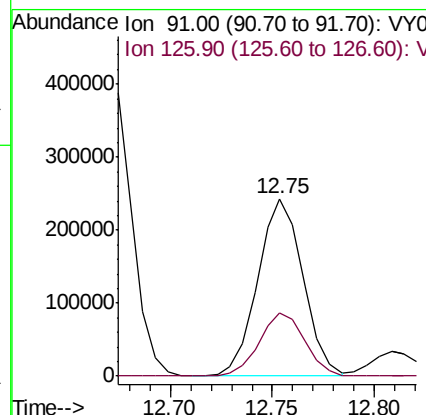
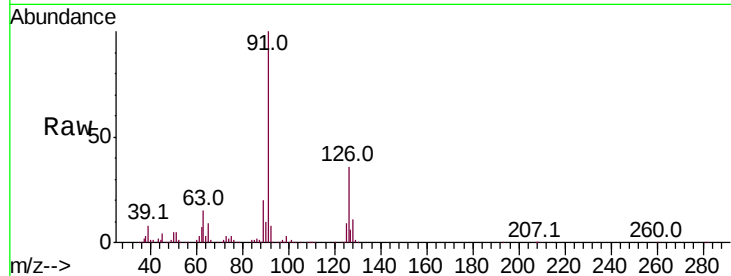




#79
 2-Chlorotoluene
 Concen: 48.704 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

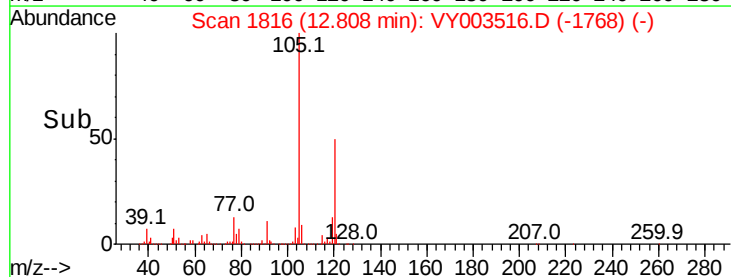
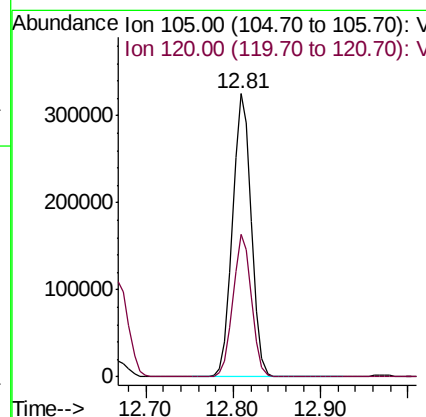
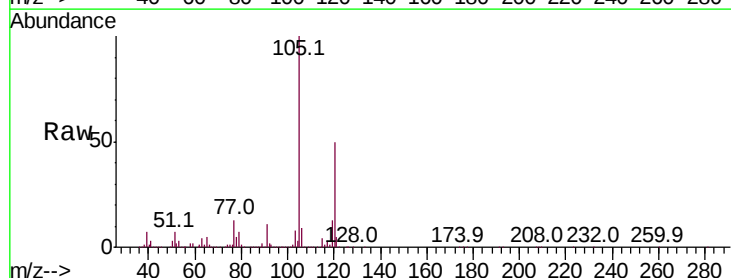
Instrument :
 MSVOA_Y
 ClientSampled :

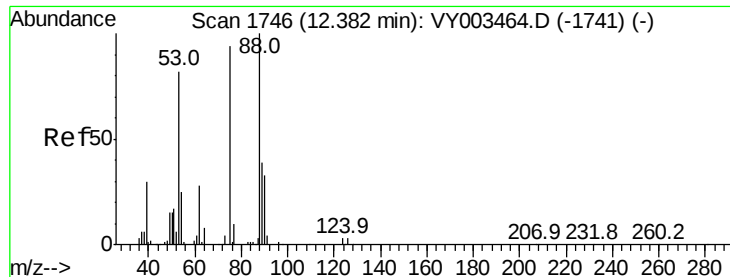
Tot Ion: 91 Resp: 374592
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.959 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion: 105 Resp: 483775
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 45.670 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

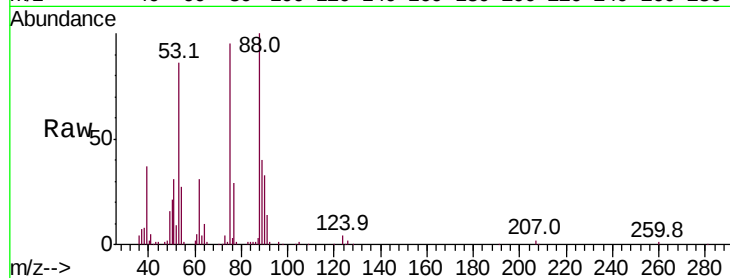
Tot Ion: 75 Resp: 41422

Ion Ratio Lower Upper

75 100

53 90.1 74.7 112.1

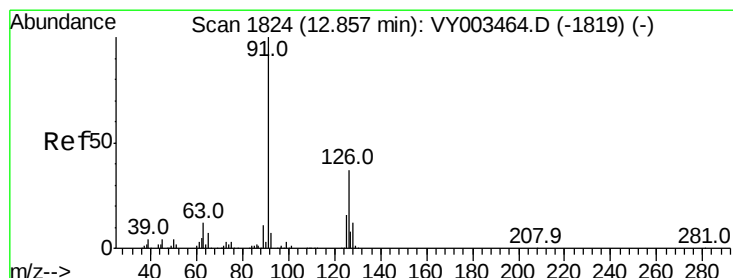
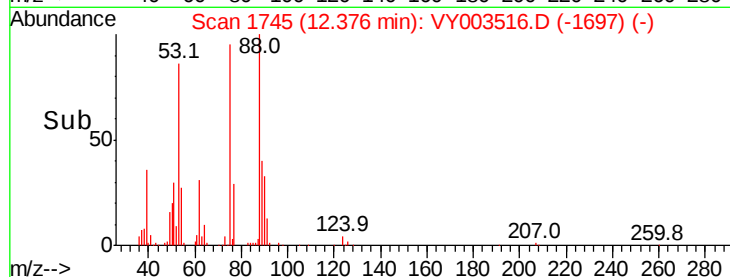
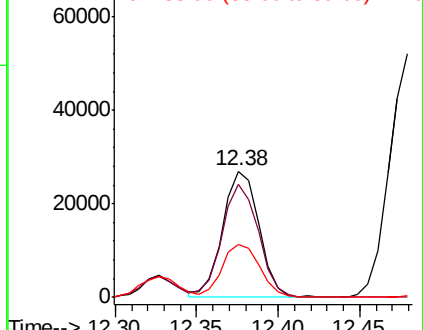
89 43.7 35.8 53.8



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: 48.740 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003516.D

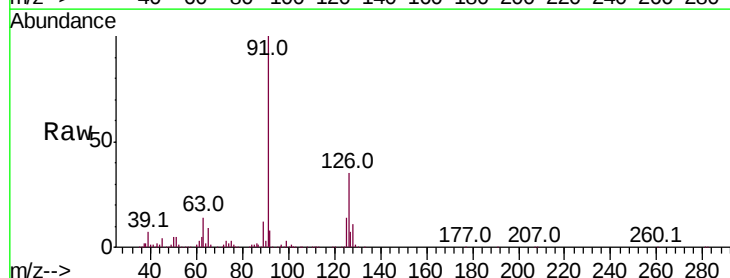
Acq: 05 Nov 2020 10:31

Tgt Ion: 91 Resp: 391747

Ion Ratio Lower Upper

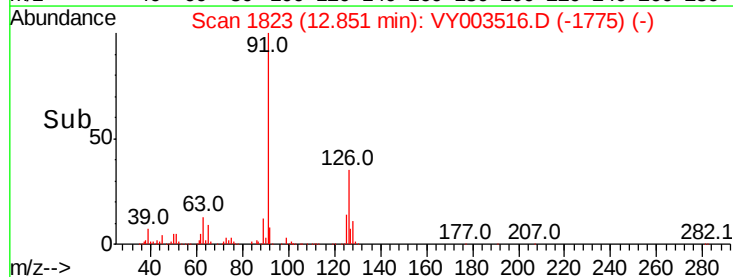
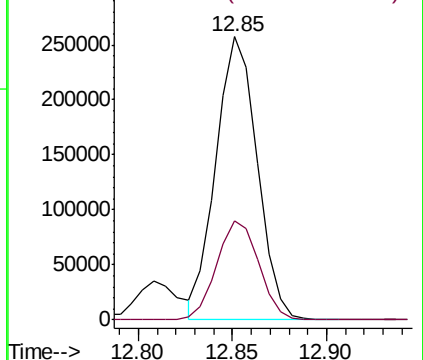
91 100

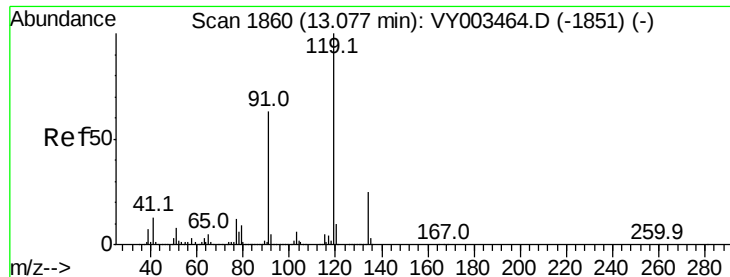
126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.541 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

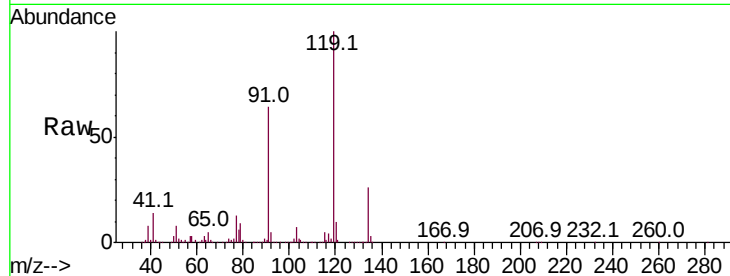
Tot Ion:119 Resp: 416885

Ion Ratio Lower Upper

119 100

91 63.8 31.1 93.2

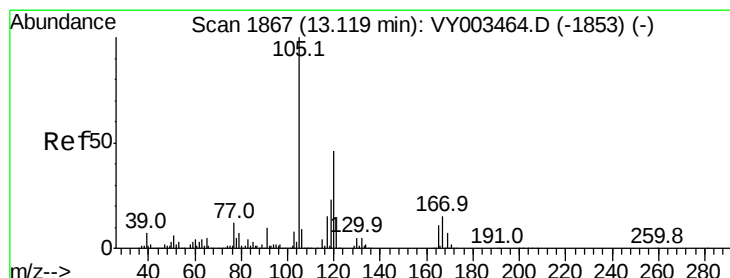
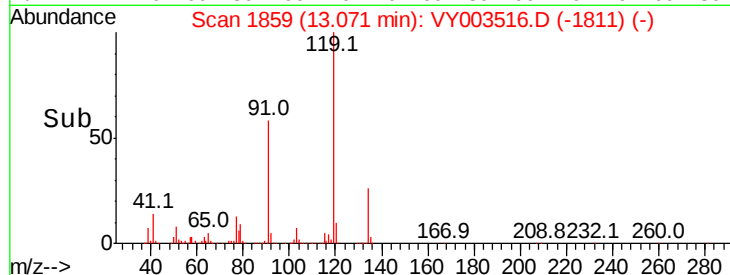
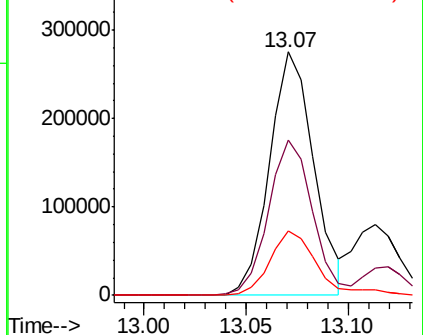
134 28.1 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.141 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003516.D

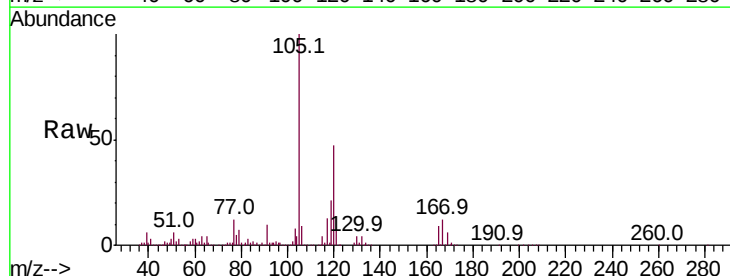
Acq: 05 Nov 2020 10:31

Tgt Ion:105 Resp: 485268

Ion Ratio Lower Upper

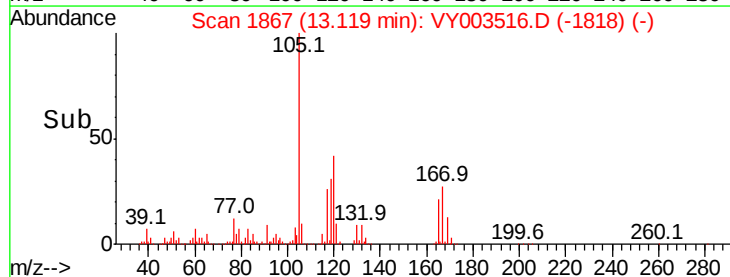
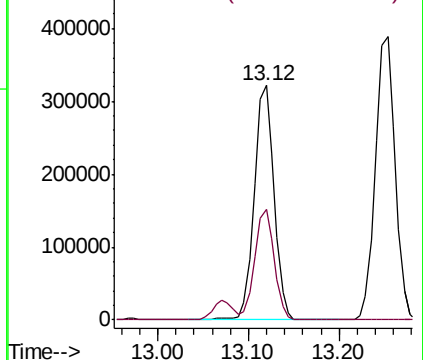
105 100

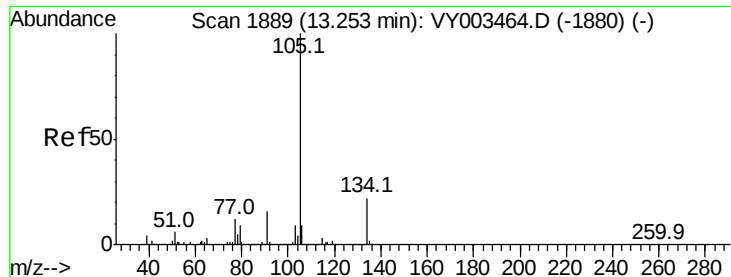
120 46.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.379 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

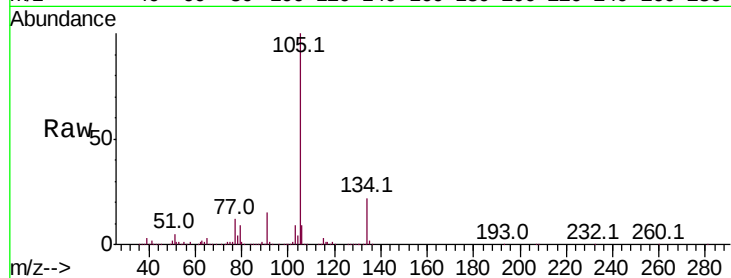
ClientSampleId :

Tot Ion:105 Resp: 585841

Ion Ratio Lower Upper

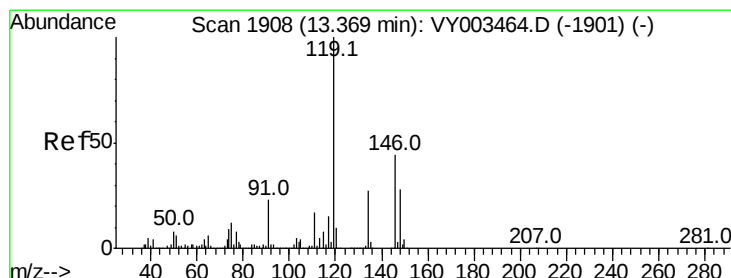
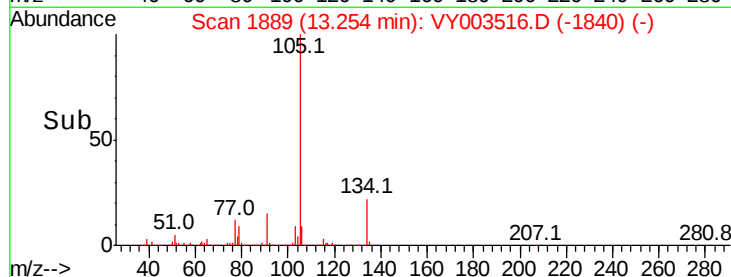
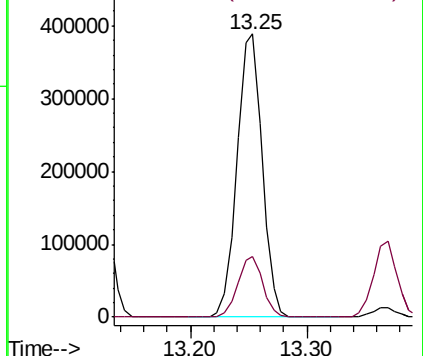
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.665 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

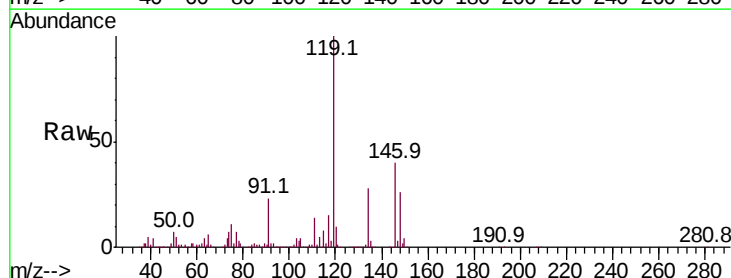
Tgt Ion:119 Resp: 546398

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

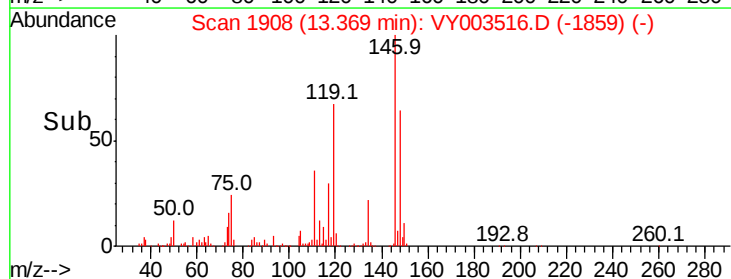
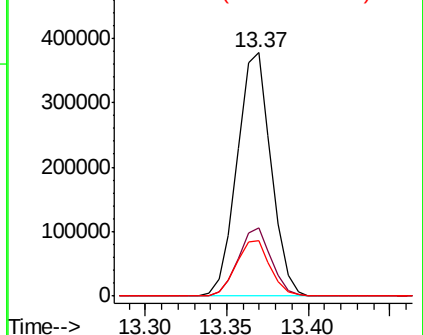
91 22.9 11.4 34.2

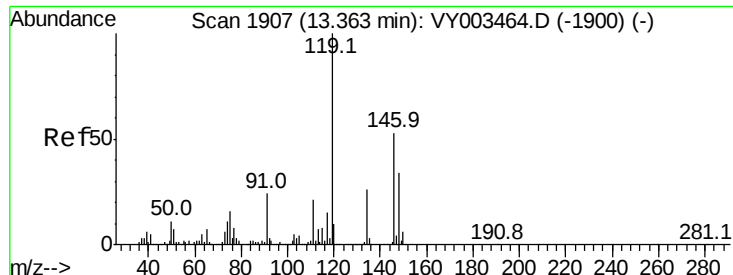


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.361 ug/l

RT: 13.36 min Scan# 1907

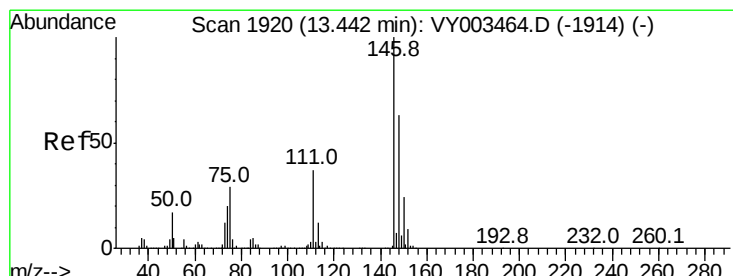
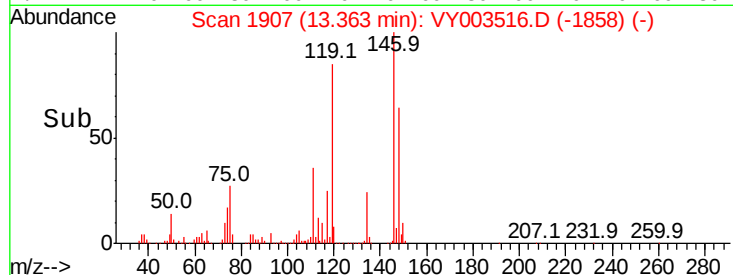
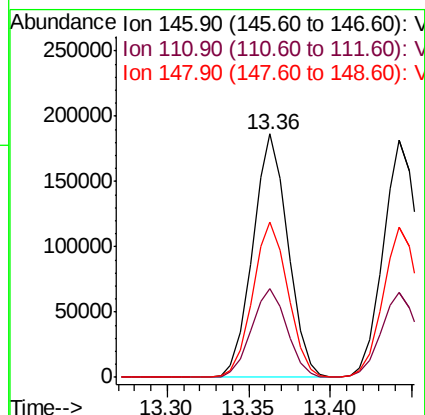
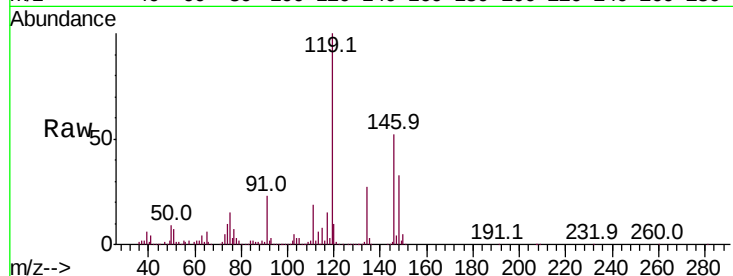
Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.1
148	64.1	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 49.767 ug/l

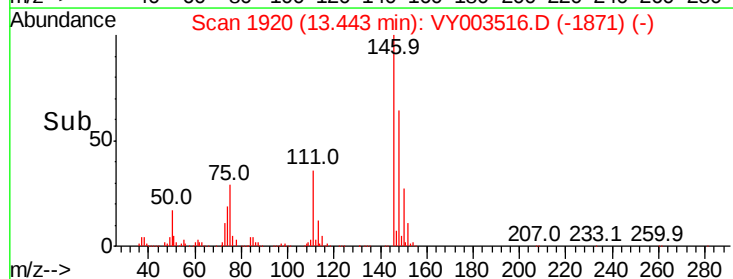
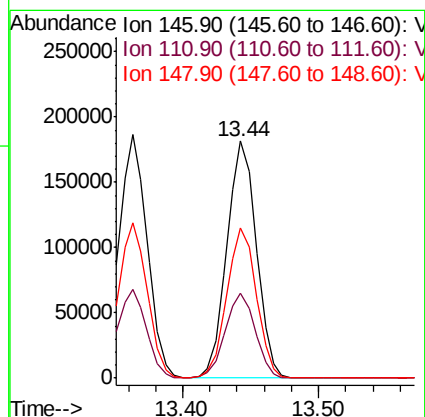
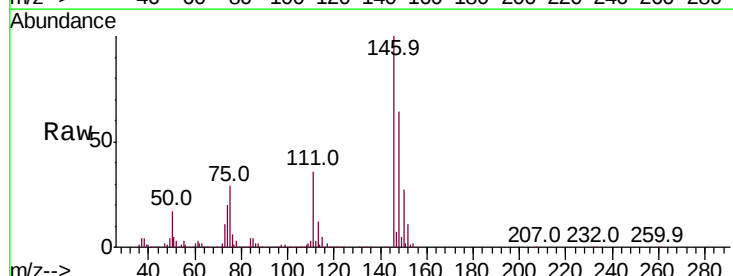
RT: 13.44 min Scan# 1920

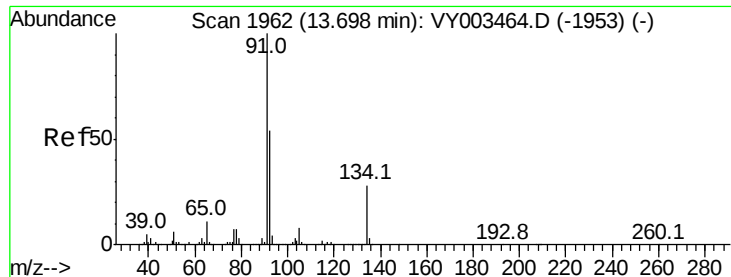
Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.3	54.8
148	63.6	32.0	96.0





#89

n-Butylbenzene

Concen: 51.244 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

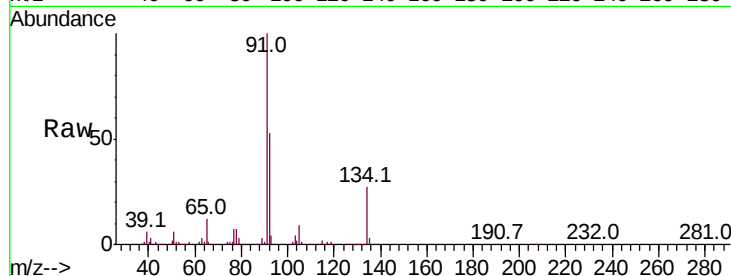
Tot Ion: 91 Resp: 504774

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

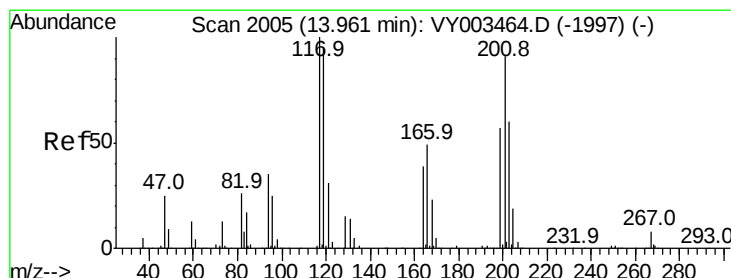
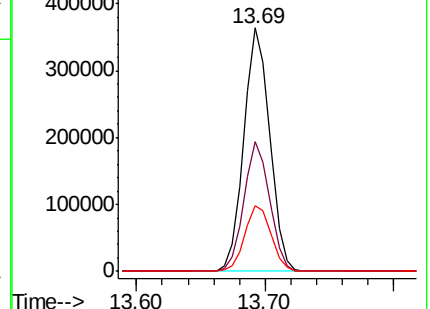
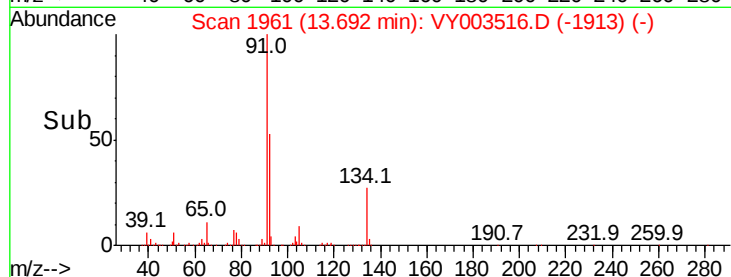
134 27.4 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003464.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003464.D (-1953) (-)



#90

Hexachloroethane

Concen: 50.147 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003516.D

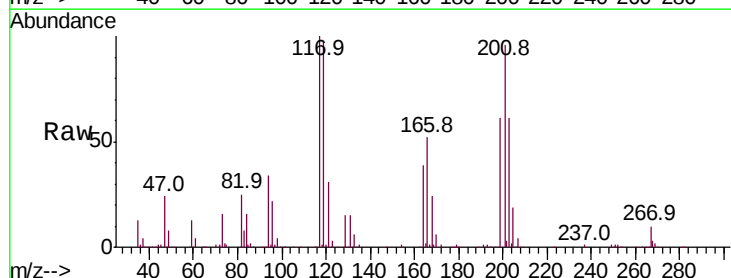
Acq: 05 Nov 2020 10:31

Tgt Ion: 117 Resp: 91017

Ion Ratio Lower Upper

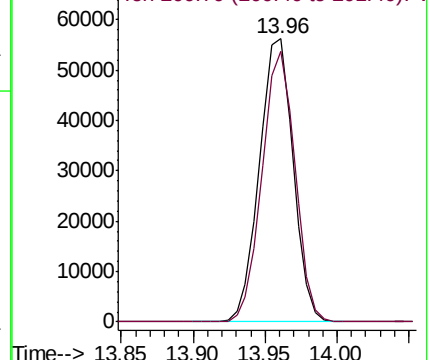
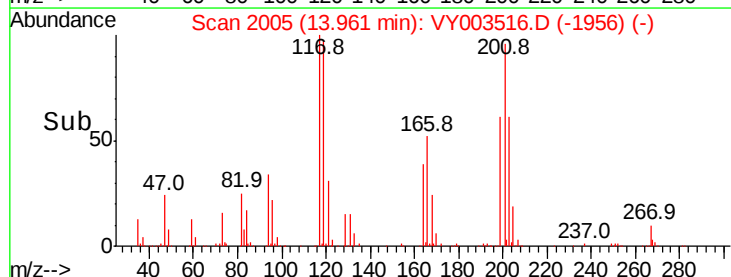
117 100

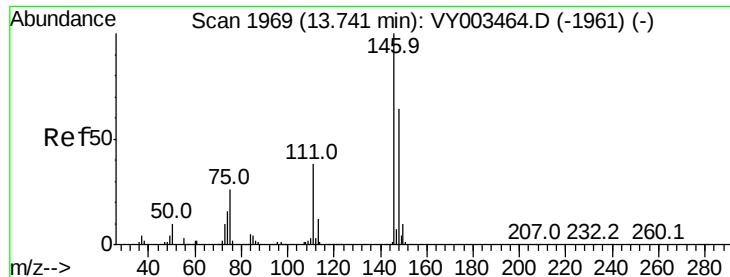
201 93.3 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003464.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003464.D (-1997) (-)





#91

1,2-Dichlorobenzene

Concen: 49.748 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

Instrument :

MSVOA_Y

ClientSampleId :

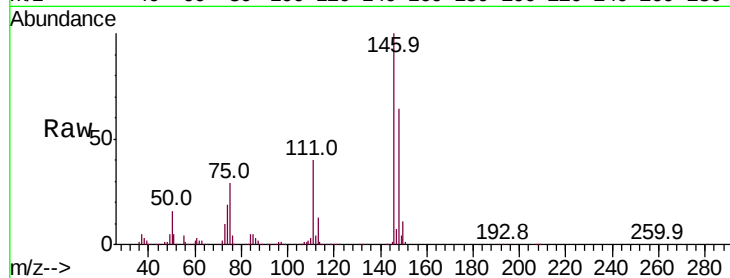
Tot Ion:146 Resp: 244461

Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

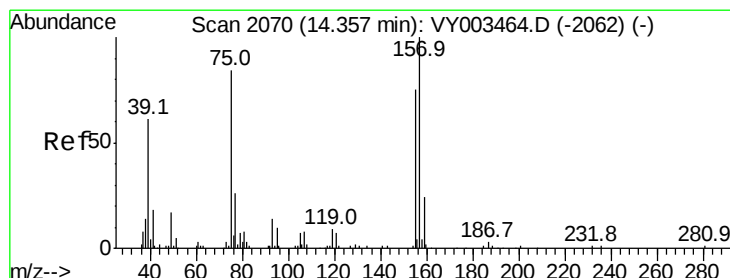
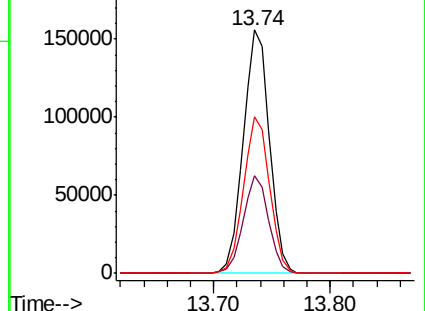
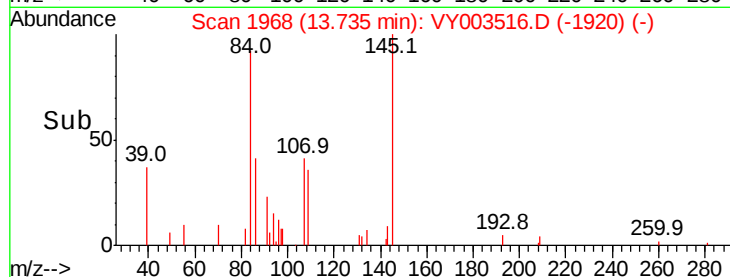
148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.051 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003516.D

Acq: 05 Nov 2020 10:31

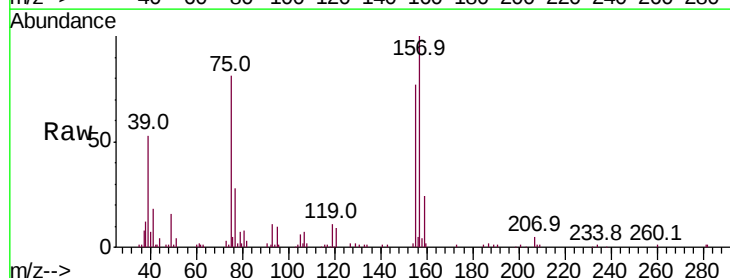
Tgt Ion: 75 Resp: 19907

Ion Ratio Lower Upper

75 100

155 92.2 45.6 136.7

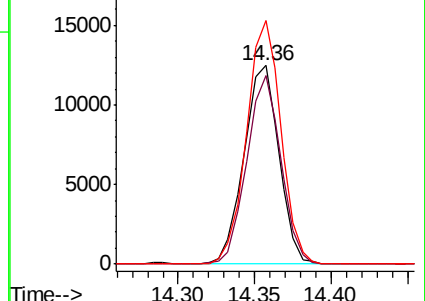
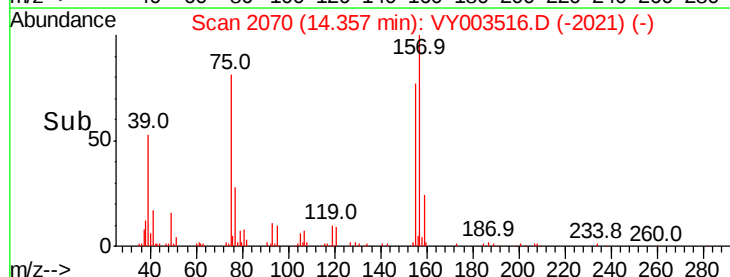
157 119.5 60.3 180.8

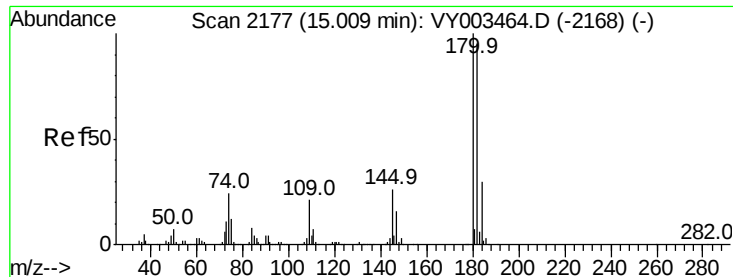


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

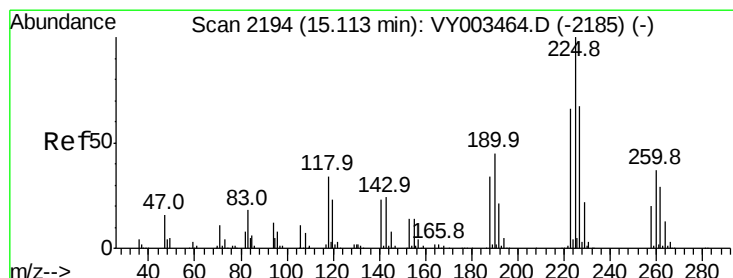
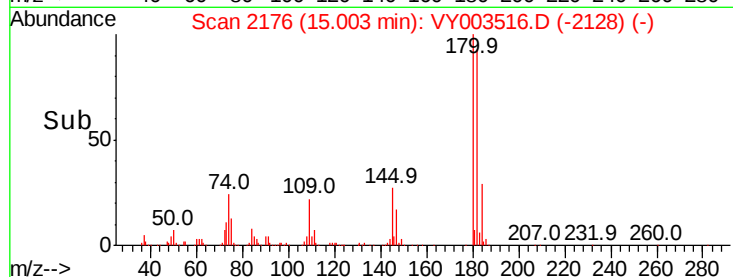
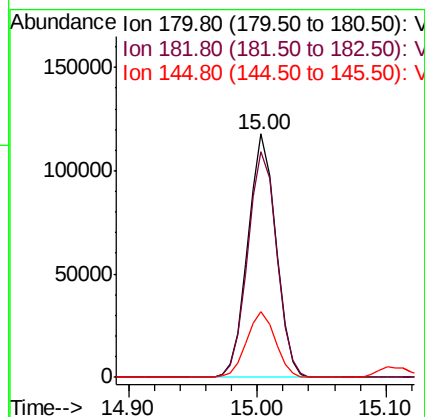
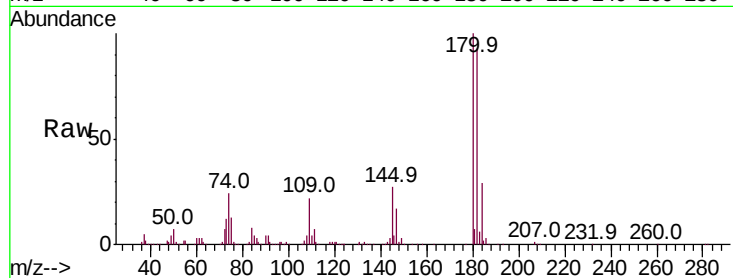




#93
 1,2,4-Trichlorobenzene
 Concen: 51.034 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

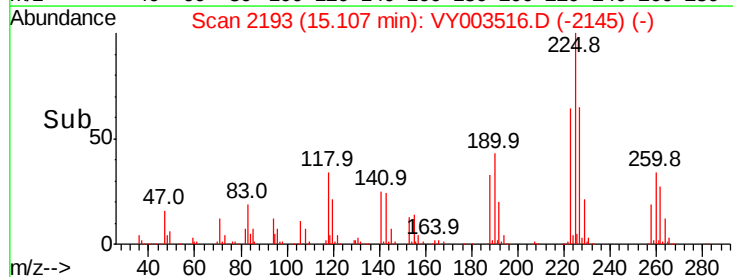
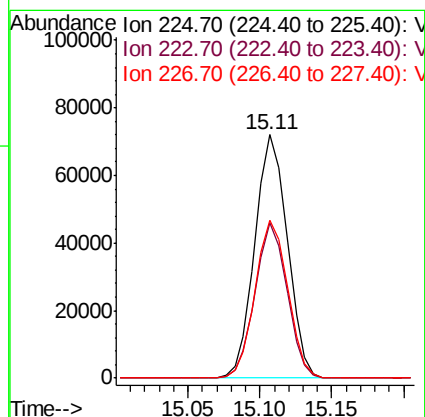
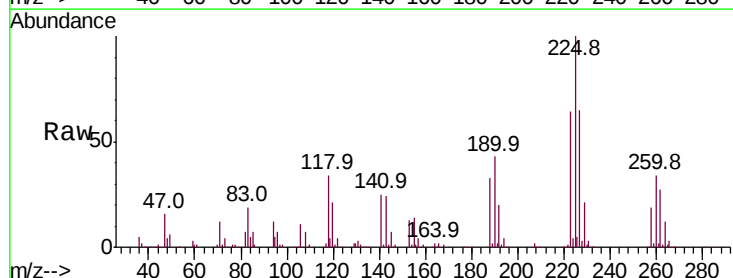
Instrument :
 MSVOA_Y
 ClientSampleId :

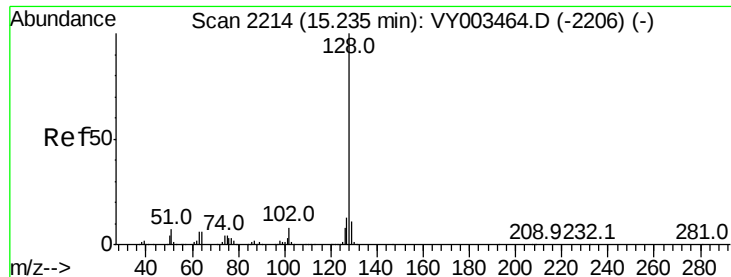
Tot Ion:180 Resp: 177391
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.1 144.3
 145 27.5 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 50.314 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003516.D
 Acq: 05 Nov 2020 10:31

Tgt Ion:225 Resp: 112504
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.1 96.3
 227 65.1 32.4 97.2

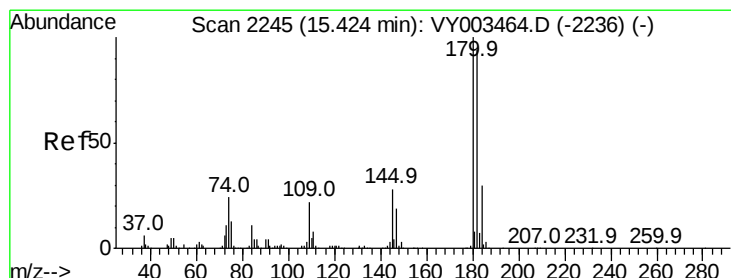
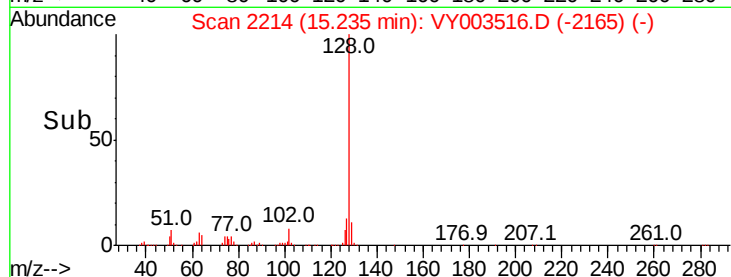
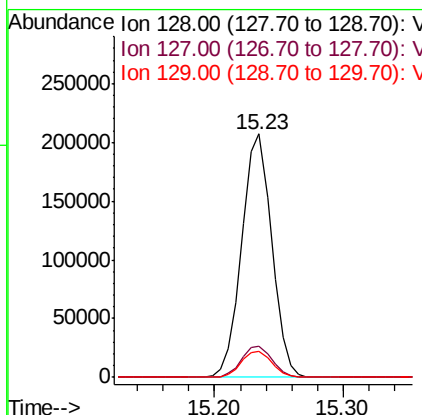
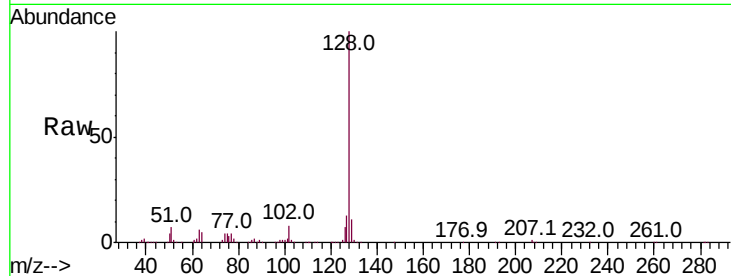




#95
Naphthalene
Concen: 47.874 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.549 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003516.D
Acq: 05 Nov 2020 10:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.9	140.7
145	29.2	14.4	43.2

