

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001527.D
 Acq On : 06 Feb 2020 13:58
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	223099	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	395592	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	354121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	170312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	125409	55.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.66%	
35) Dibromofluoromethane	7.75	113	115295	50.54	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.20	98	470033	54.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.49	95	174923	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	43199	19.781	ug/l	98
3) Chloromethane	2.13	50	56268	24.652	ug/l	96
4) Vinyl Chloride	2.27	62	58519	24.691	ug/l	98
5) Bromomethane	2.66	94	39020	26.179	ug/l	96
6) Chloroethane	2.82	64	37115	25.980	ug/l	95
7) Trichlorofluoromethane	3.15	101	76598	19.525	ug/l	96
8) Diethyl Ether	3.56	74	29835	22.537	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.94	101	48563	20.574	ug/l	98
10) Methyl Iodide	4.13	142	58248	19.367	ug/l	100
11) Tert butyl alcohol	5.00	59	35467	123.265	ug/l #	89
12) 1,1-Dichloroethene	3.91	96	48708	20.766	ug/l	95
13) Acrolein	3.77	56	24987	117.477	ug/l	98
14) Allyl chloride	4.52	41	86335	24.061	ug/l	98
15) Acrylonitrile	5.21	53	76748	126.461	ug/l	99
16) Acetone	3.99	43	73221	112.689	ug/l	97
17) Carbon Disulfide	4.23	76	160367	21.477	ug/l	99
18) Methyl Acetate	4.52	43	37912	27.342	ug/l	95
19) Methyl tert-butyl Ether	5.27	73	140311	22.494	ug/l	99
20) Methylene Chloride	4.76	84	60041	20.843	ug/l	94
21) trans-1,2-Dichloroethene	5.27	96	56618	21.713	ug/l	94
22) Diisopropyl ether	6.16	45	179001	25.180	ug/l	97
23) Vinyl Acetate	6.11	43	587901	129.907	ug/l	98
24) 1,1-Dichloroethane	6.07	63	96425	22.550	ug/l	99
25) 2-Butanone	7.03	43	110235	130.770	ug/l	96
26) 2,2-Dichloropropane	7.02	77	87110	21.286	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	63044	22.136	ug/l	98
28) Bromochloromethane	7.38	49	33175	22.774	ug/l	91
29) Tetrahydrofuran	7.38	42	69798	138.146	ug/l	94
30) Chloroform	7.54	83	92880	21.444	ug/l	96
31) Cyclohexane	7.82	56	99754	22.806	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	82090	20.904	ug/l	97
36) 1,1-Dichloropropene	7.95	75	77938	21.536	ug/l	99
37) Ethyl Acetate	7.11	43	47844	27.310	ug/l	95
38) Carbon Tetrachloride	7.94	117	70664	20.182	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.21	83	102499	21.510	ug/l	99
40) Benzene	8.19	78	225860	21.881	ug/l	100
41) Methacrylonitrile	7.38	41	63638	78.377	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	64460	22.415	ug/l	98
43) Isopropyl Acetate	8.30	43	89791	25.886	ug/l	95
44) Trichloroethene	8.96	130	57129	20.533	ug/l	94
45) 1,2-Dichloropropane	9.24	63	56255	22.569	ug/l	98
46) Dibromomethane	9.33	93	30599	21.862	ug/l	99
47) Bromodichloromethane	9.52	83	72785	21.343	ug/l	98
48) Methyl methacrylate	9.32	41	40836	25.939	ug/l	94
49) 1,4-Dioxane	9.32	88	8138	440.261	ug/l	97
51) 4-Methyl-2-Pentanone	10.09	43	231884	135.746	ug/l	95
52) Toluene	10.26	92	144741	22.099	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	81499	21.941	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	94282	22.109	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	45520	22.668	ug/l	99
56) Ethyl methacrylate	10.52	69	67804	23.739	ug/l	93
57) 1,3-Dichloropropane	10.81	76	79264	22.391	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	114101	108.591	ug/l	96
59) 2-Hexanone	10.85	43	168743	135.861	ug/l	96
60) Dibromochloromethane	11.00	129	49337	20.843	ug/l	99
61) 1,2-Dibromoethane	11.10	107	43247	21.865	ug/l	99
64) Tetrachloroethene	10.74	164	47511	20.458	ug/l	98
65) Chlorobenzene	11.53	112	147372	21.195	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	51405	21.124	ug/l	99
67) Ethyl Benzene	11.60	91	278984	21.701	ug/l	99
68) m/p-Xylenes	11.71	106	208676	43.238	ug/l	99
69) o-Xylene	12.04	106	98467	21.639	ug/l	98
70) Styrene	12.06	104	172716	21.948	ug/l	99
71) Bromoform	12.22	173	29772	21.971	ug/l #	99
73) Isopropylbenzene	12.34	105	268792	20.693	ug/l	100
74) N-amyl acetate	12.15	43	87036	25.786	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	57392	23.256	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	74079	40.446	ug/l #	100
77) Bromobenzene	12.62	156	58791	20.914	ug/l	96
78) n-propylbenzene	12.68	91	327395	21.054	ug/l	99
79) 2-Chlorotoluene	12.77	91	183270	20.676	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	223493	20.430	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	21234	22.433	ug/l	96
82) 4-Chlorotoluene	12.86	91	193991	20.874	ug/l	99
83) tert-Butylbenzene	13.08	119	186973	20.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	225424	20.820	ug/l	99
85) sec-Butylbenzene	13.26	105	272734	20.979	ug/l	100
86) p-Isopropyltoluene	13.38	119	244425	21.335	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	115076	21.361	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	116391	21.566	ug/l	99
89) n-Butylbenzene	13.70	91	243177	21.513	ug/l	100
90) Hexachloroethane	13.97	117	45564	20.721	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	107819	22.085	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10438	22.911	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
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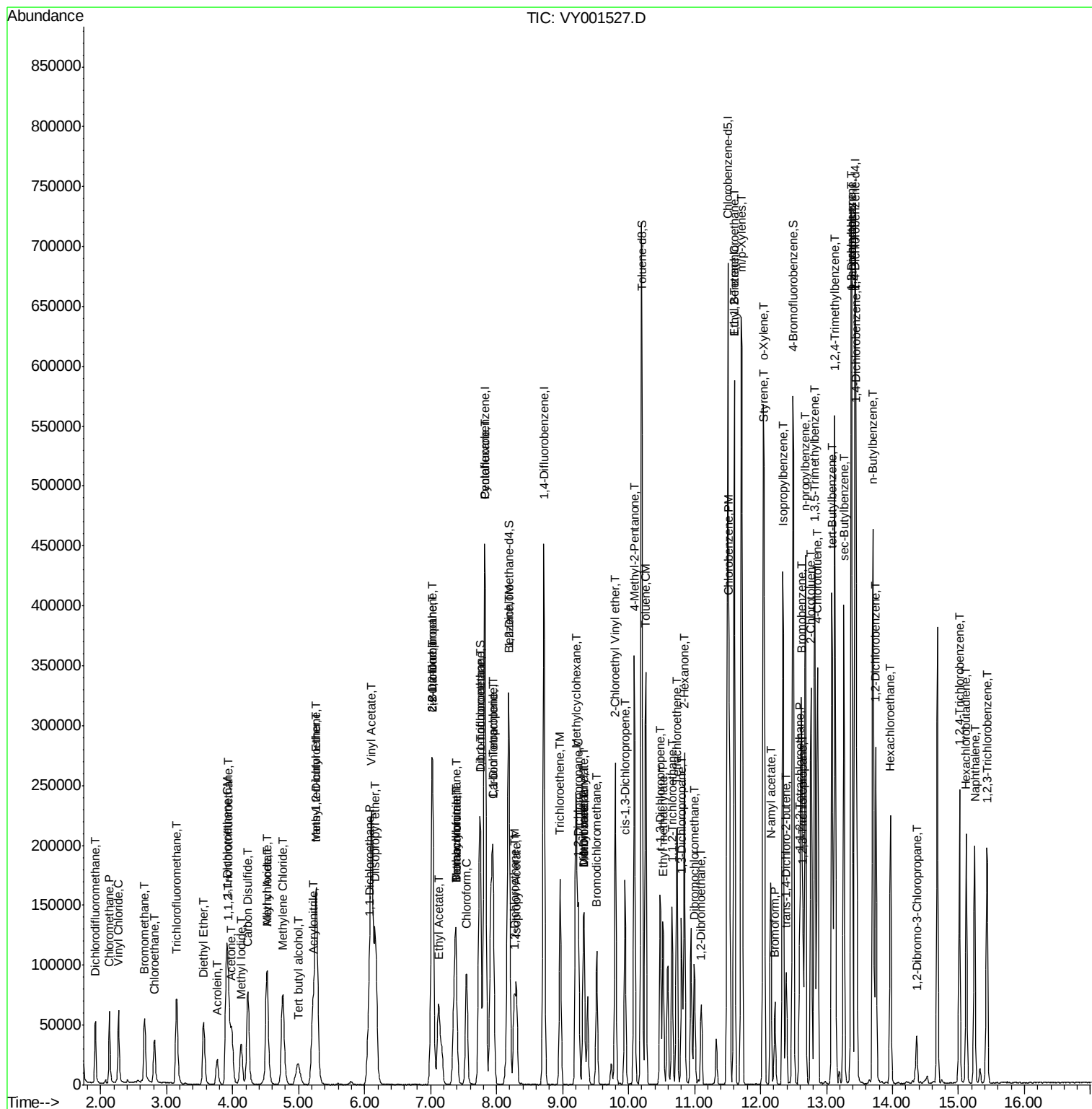
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	71303	21.673	ug/l	98
94) Hexachlorobutadiene	15.12	225	35001	20.962	ug/l	98
95) Naphthalene	15.25	128	165154	21.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	63014	21.698	ug/l	97

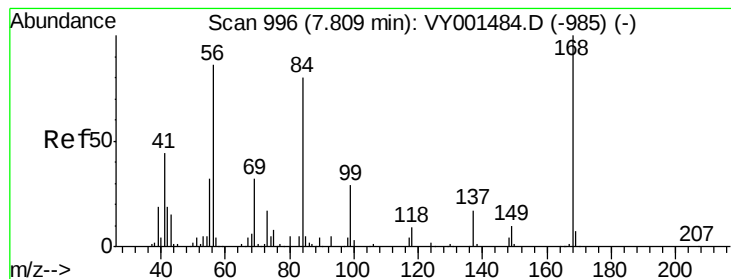
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

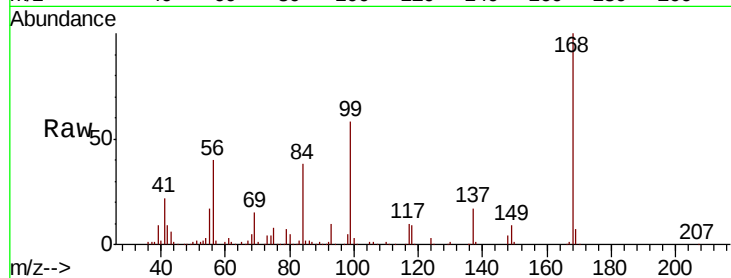
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 223099

Ion Ratio Lower Upper

168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001527.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001527.D (-947) (-)

7.82

100000

80000

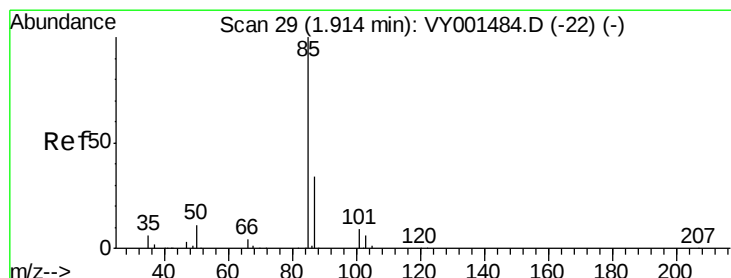
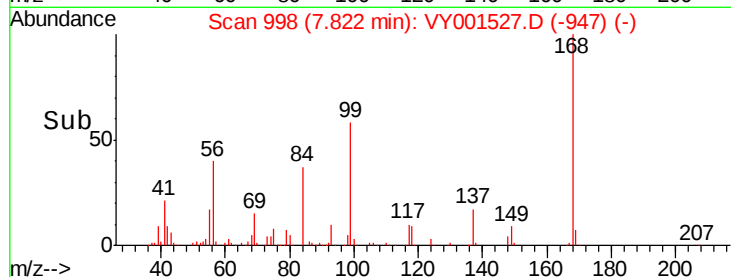
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 19.781 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001527.D

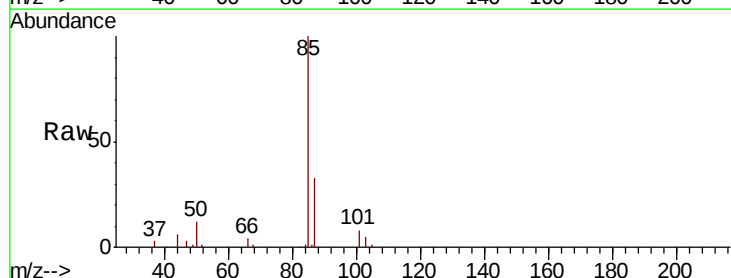
Acq: 06 Feb 2020 13:58

Tgt Ion: 85 Resp: 43199

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001527.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001527.D (-1) (-)

1.92

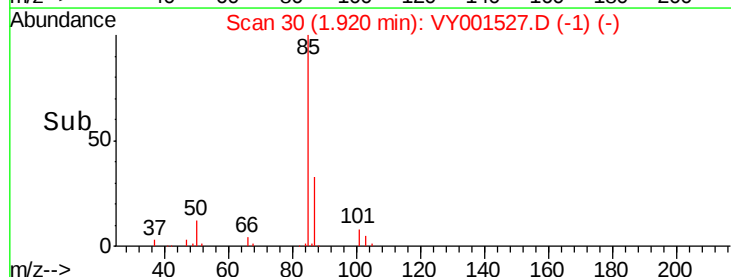
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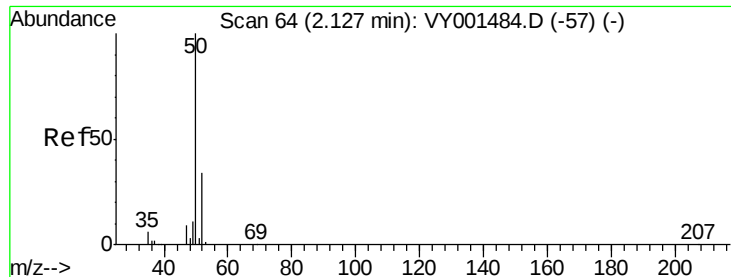
20000

10000

0

Time--> 1.90 2.00





#3

Chloromethane

Concen: 24.652 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

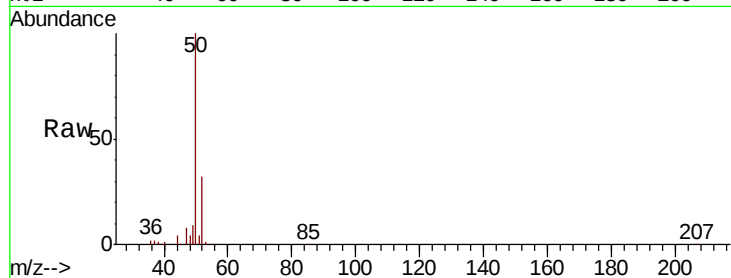
ClientSampleId :

Tot Ion: 50 Resp: 56268

Ion Ratio Lower Upper

50 100

52 31.7 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

40000

30000

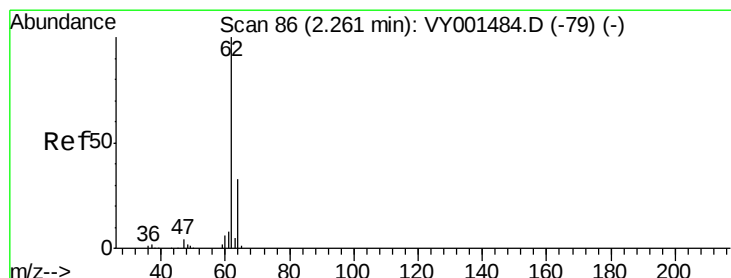
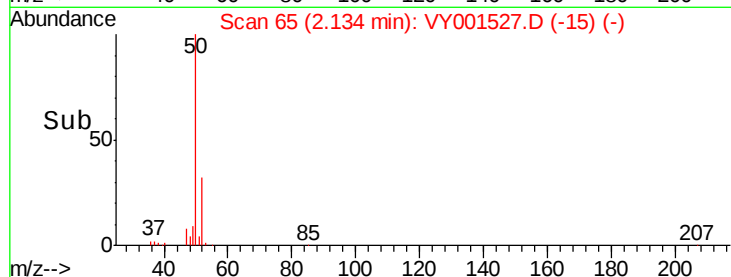
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 24.691 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001527.D

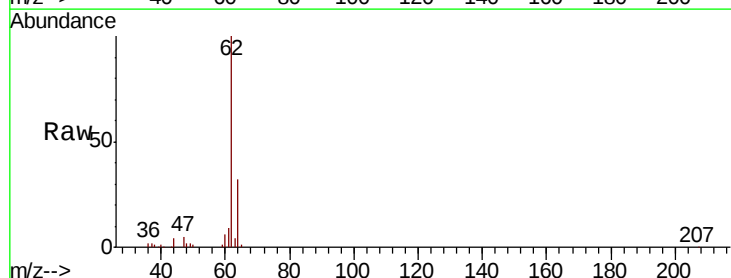
Acq: 06 Feb 2020 13:58

Tgt Ion: 62 Resp: 58519

Ion Ratio Lower Upper

62 100

64 31.6 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

40000

30000

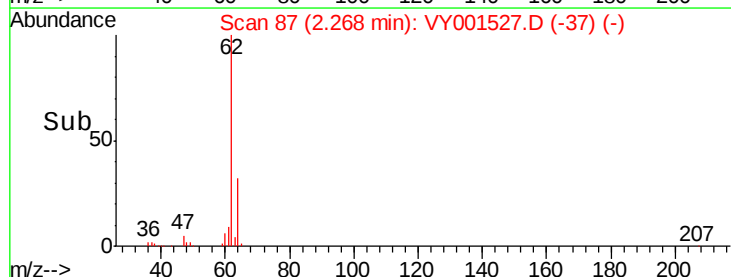
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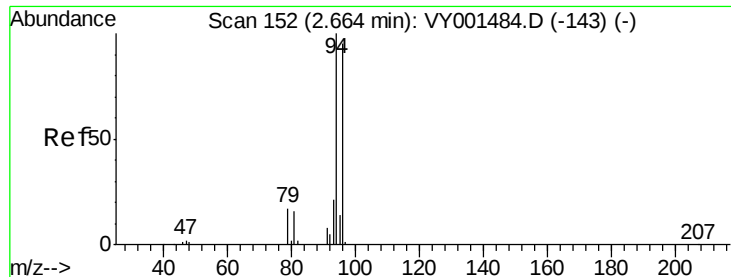
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 26.179 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

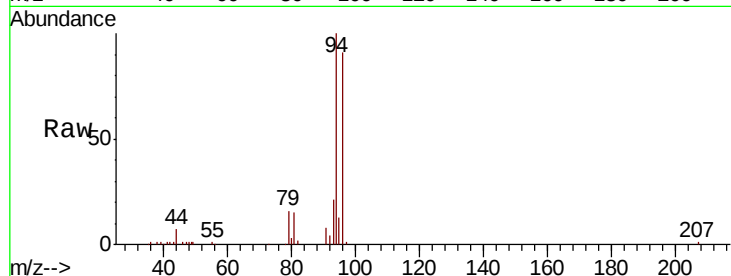
ClientSampleId :

Tot Ion: 94 Resp: 39020

Ion Ratio Lower Upper

94 100

96 91.5 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY001527.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001527.D (-103) (-)

2.66

20000

15000

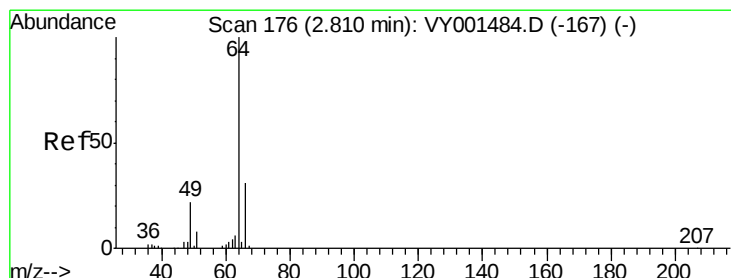
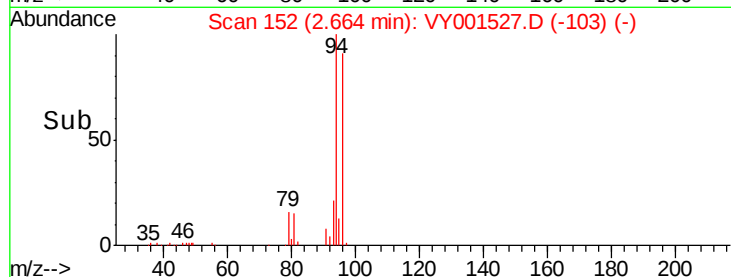
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 25.980 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001527.D

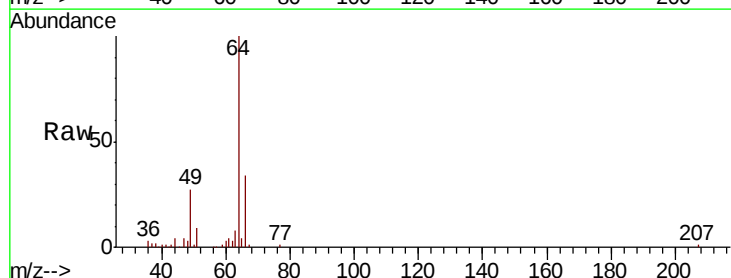
Acq: 06 Feb 2020 13:58

Tgt Ion: 64 Resp: 37115

Ion Ratio Lower Upper

64 100

66 33.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY001527.D (-127) (-)

Ion 65.90 (65.60 to 66.60): VY001527.D (-127) (-)

2.82

20000

15000

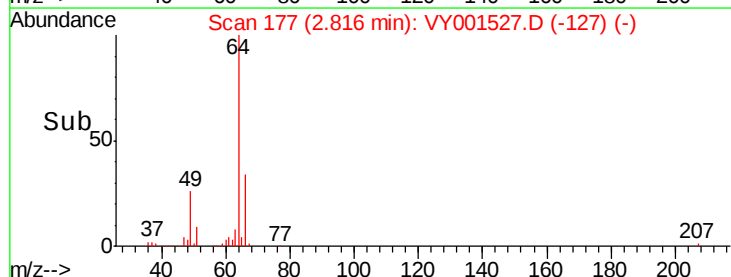
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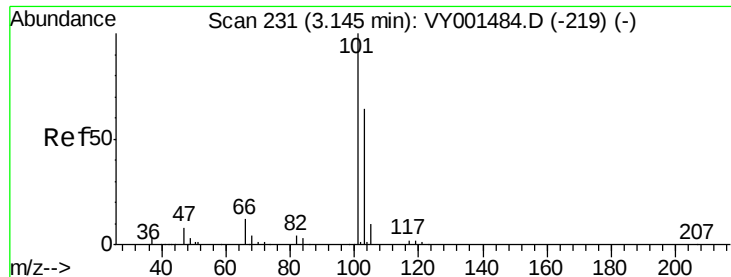
5000

0

Time-->

2.70 2.80 2.90



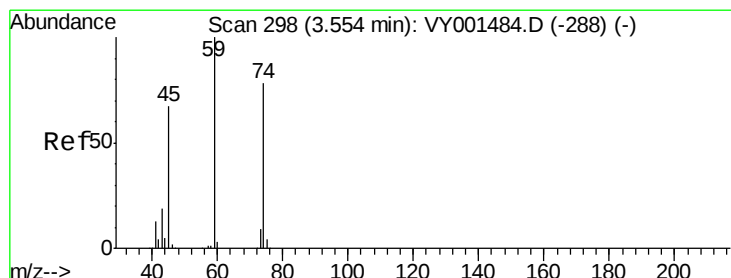
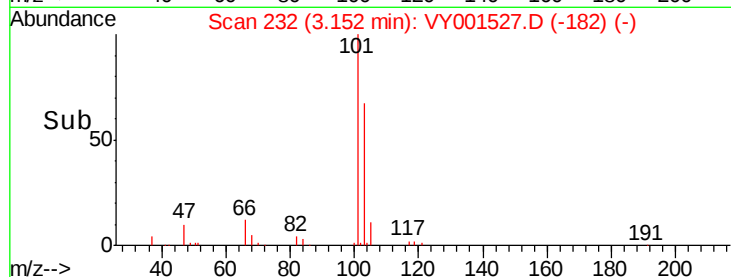
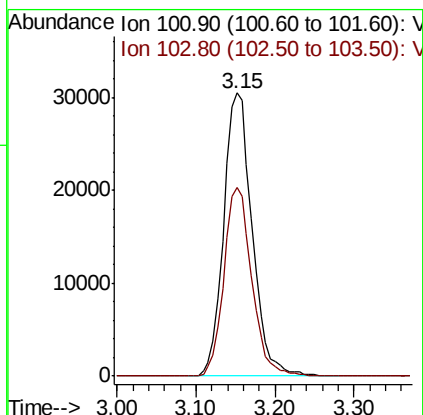
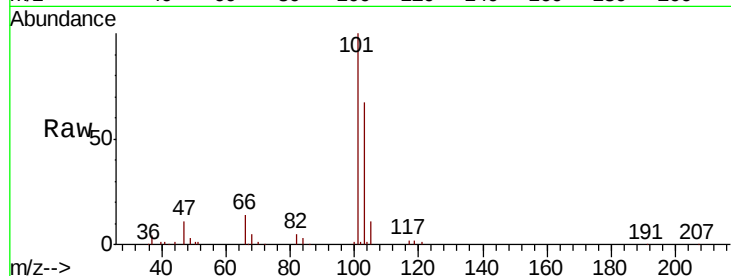


#7

Trichlorofluoromethane
Concen: 19.525 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

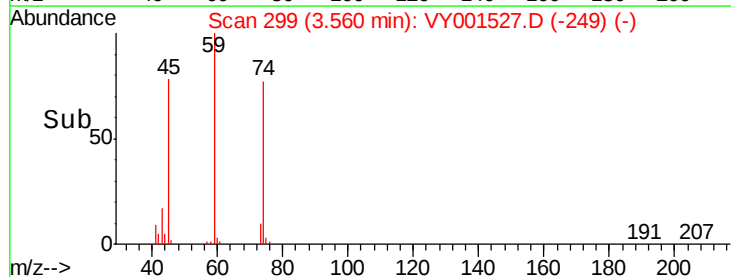
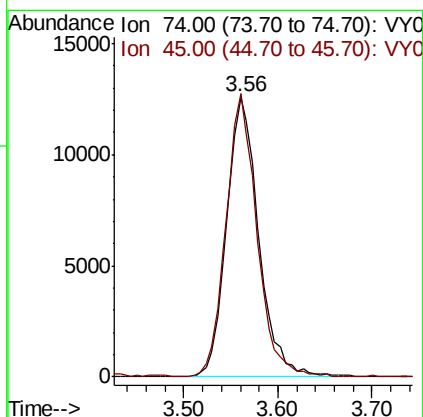
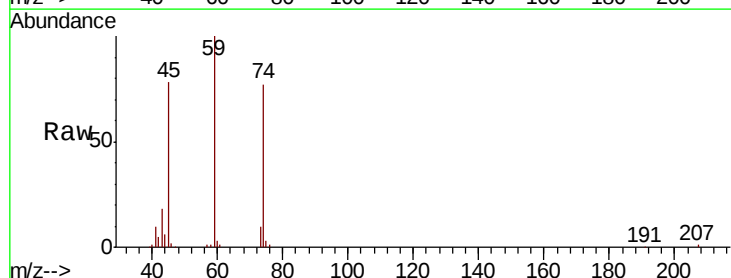
Tot Ion:101 Resp: 76598
Ion Ratio Lower Upper
101 100
103 66.9 50.9 76.3

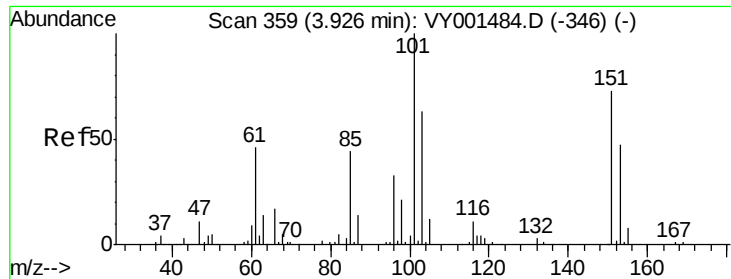


#8

Diethyl Ether
Concen: 22.537 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 74 Resp: 29835
Ion Ratio Lower Upper
74 100
45 97.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.574 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

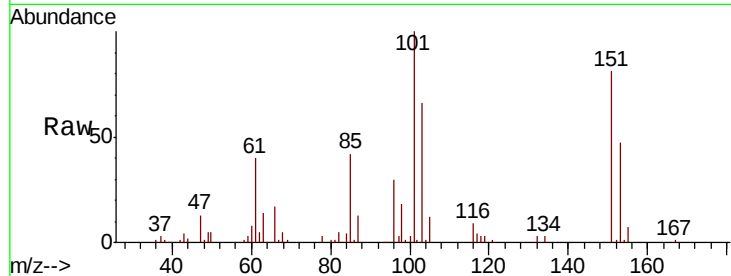
Tot Ion:101 Resp: 48563

Ion Ratio Lower Upper

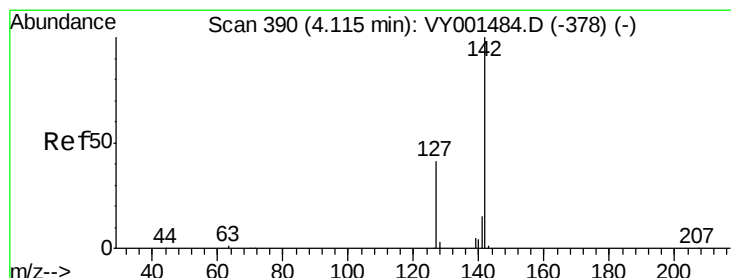
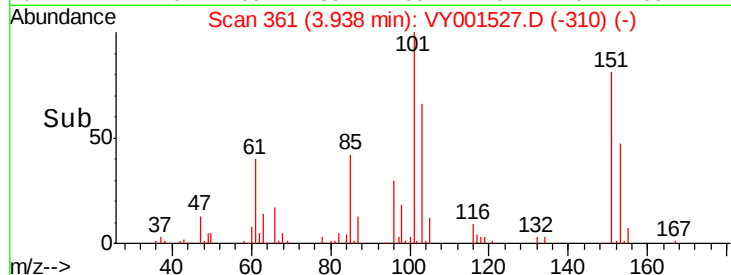
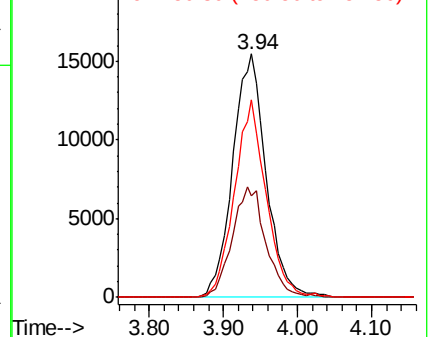
101 100

85 45.5 34.6 51.8

151 76.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.367 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

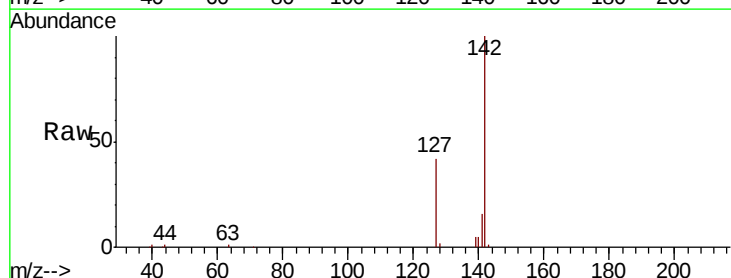
Tgt Ion:142 Resp: 58248

Ion Ratio Lower Upper

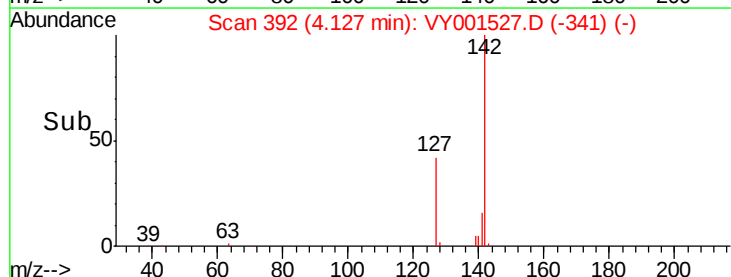
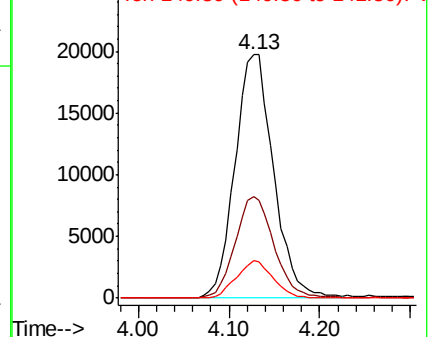
142 100

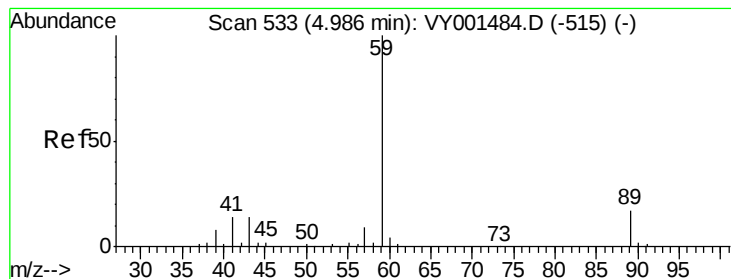
127 41.8 33.3 49.9

141 14.5 11.5 17.3



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



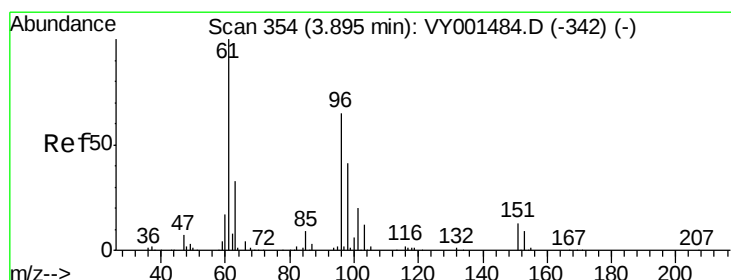
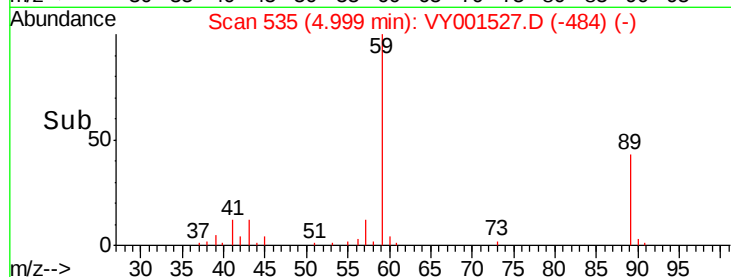
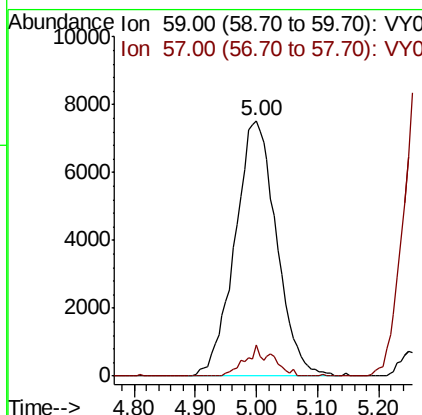
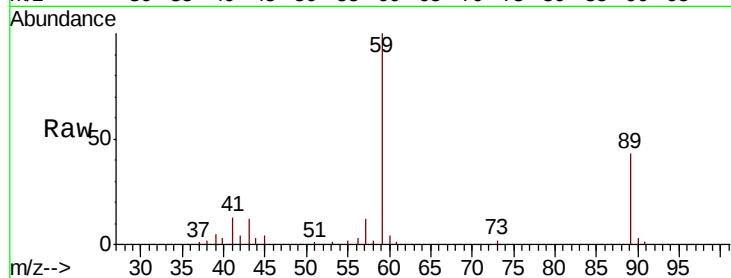


#11

Tert butyl alcohol
 Concen: 123.265 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampled :

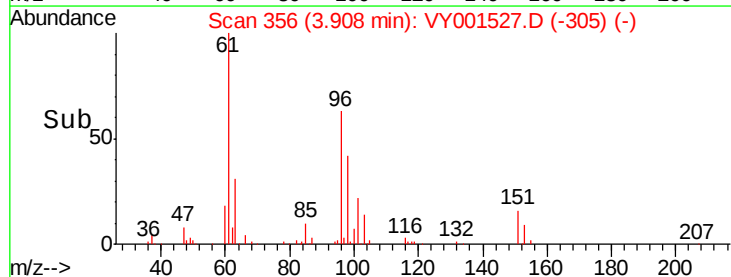
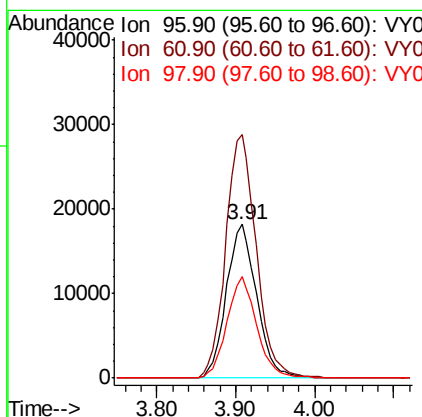
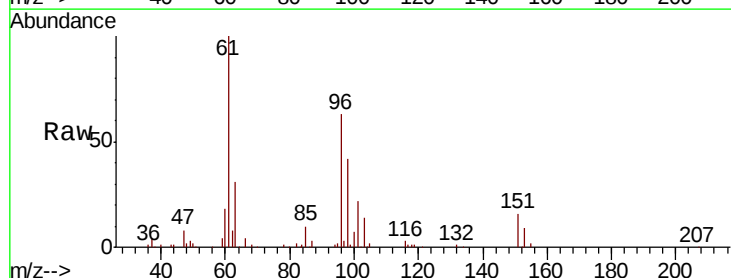
Tot Ion: 59 Resp: 35467
 Ion Ratio Lower Upper
 59 100
 57 4.7 7.0 10.6#

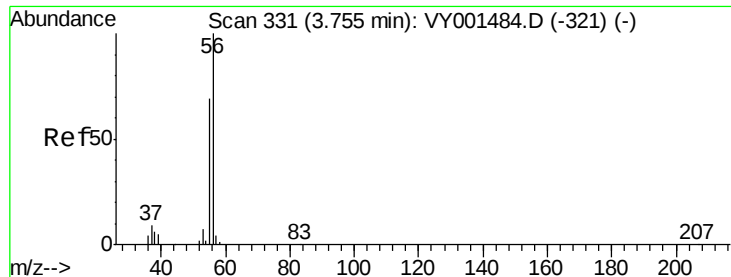


#12

1,1-Dichloroethene
 Concen: 20.766 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion: 96 Resp: 48708
 Ion Ratio Lower Upper
 96 100
 61 158.7 122.3 183.5
 98 66.3 49.7 74.5





#13

Acrolein

Concen: 117.477 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

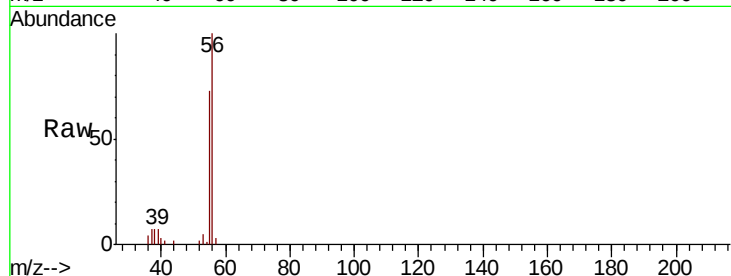
ClientSampled :

Tot Ion: 56 Resp: 24987

Ion Ratio Lower Upper

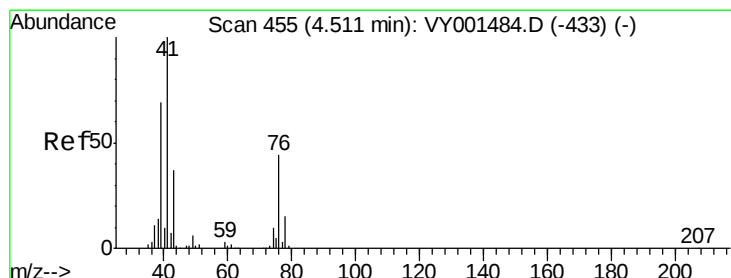
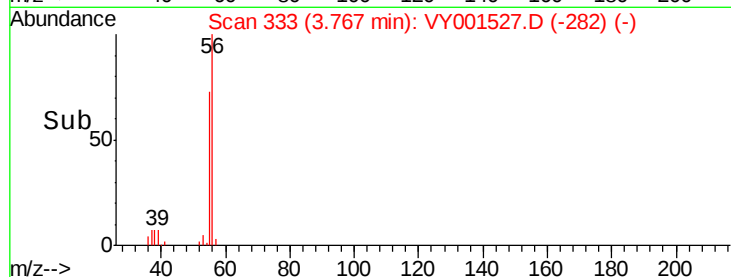
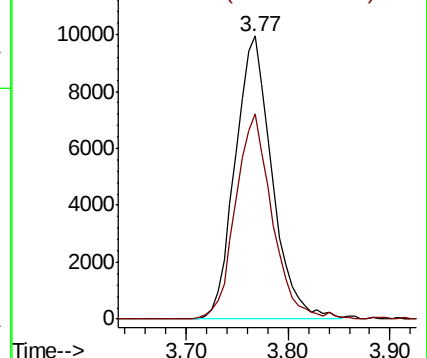
56 100

55 71.9 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 24.061 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

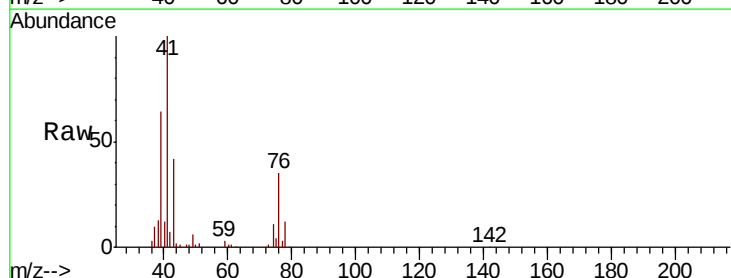
Tgt Ion: 41 Resp: 86335

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

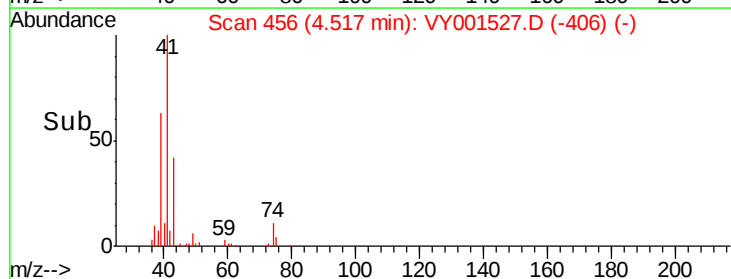
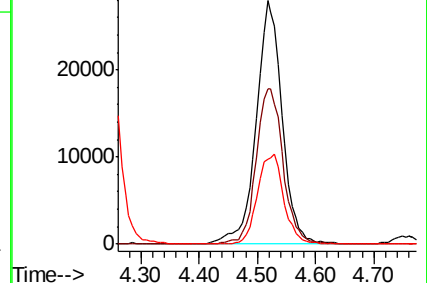
76 37.2 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 126.461 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

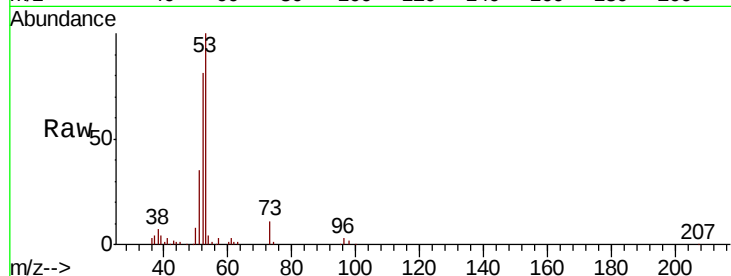
Tot Ion: 53 Resp: 76748

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.2

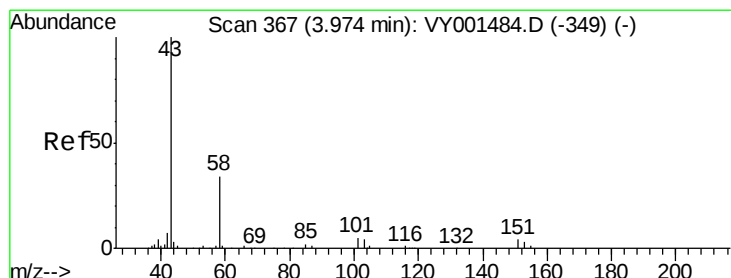
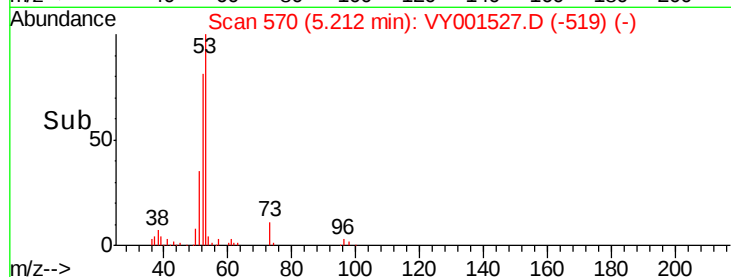
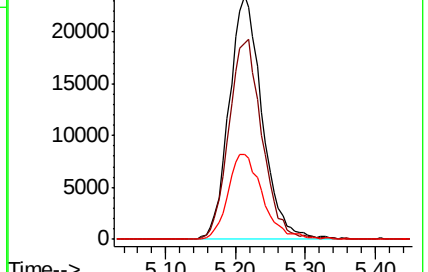
51 36.7 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY001527.D (-519) (-)

Ion 52.00 (51.70 to 52.70): VY001527.D (-519) (-)

Ion 51.00 (50.70 to 51.70): VY001527.D (-519) (-)



#16

Acetone

Concen: 112.689 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001527.D

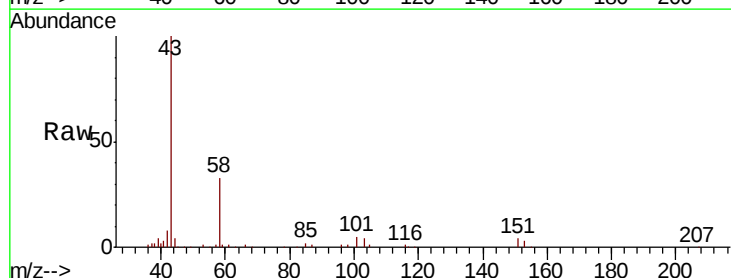
Acq: 06 Feb 2020 13:58

Tgt Ion: 43 Resp: 73221

Ion Ratio Lower Upper

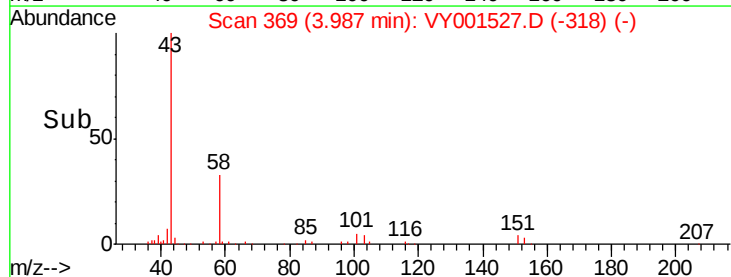
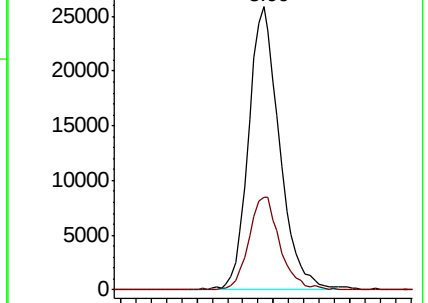
43 100

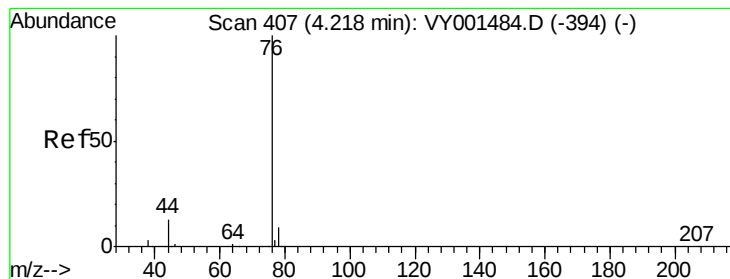
58 32.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001527.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001527.D (-318) (-)





#17

Carbon Disulfide

Concen: 21.477 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

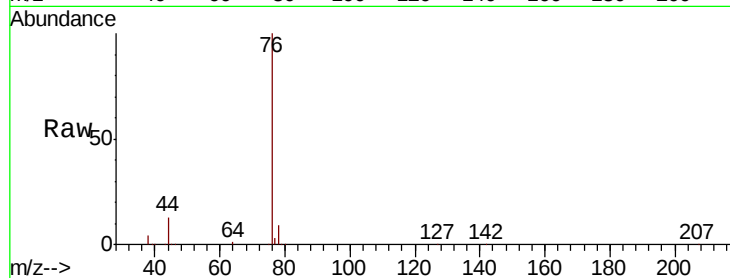
ClientSampleId :

Tot Ion: 76 Resp: 160367

Ion Ratio Lower Upper

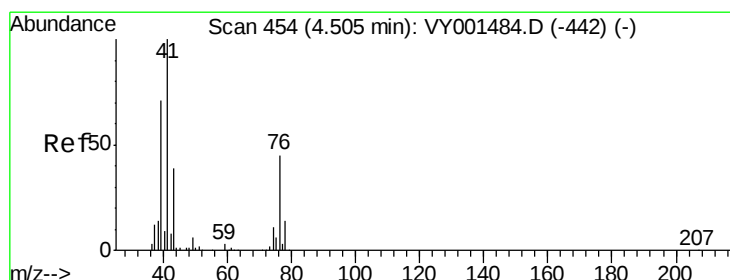
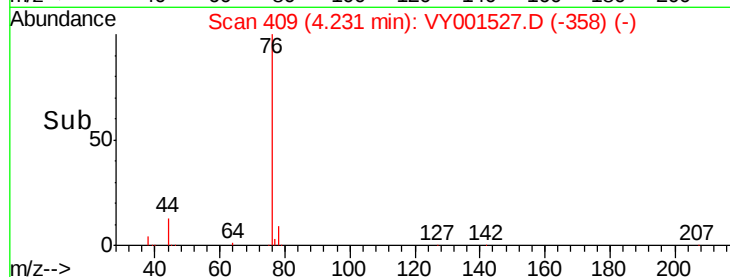
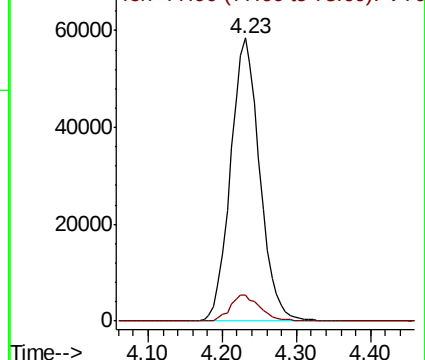
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 27.342 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.02 min

Lab File: VY001527.D

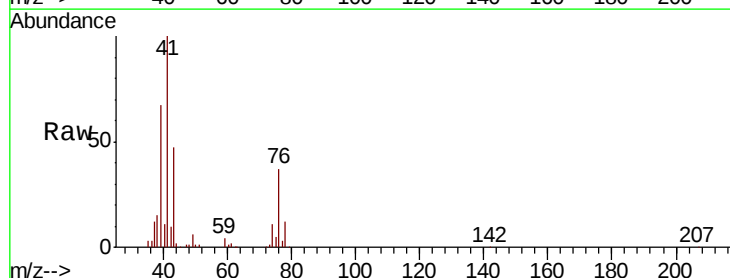
Acq: 06 Feb 2020 13:58

Tgt Ion: 43 Resp: 37912

Ion Ratio Lower Upper

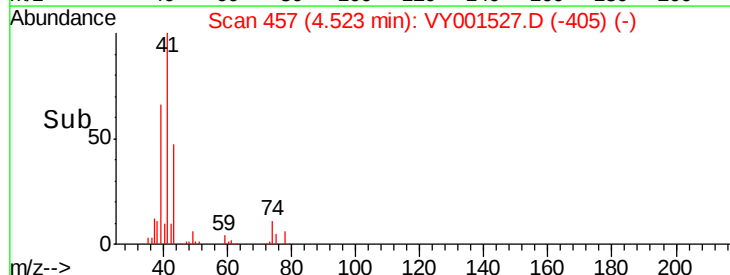
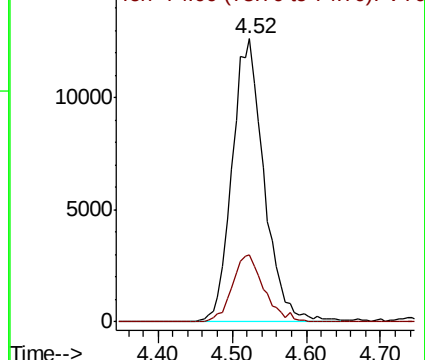
43 100

74 23.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

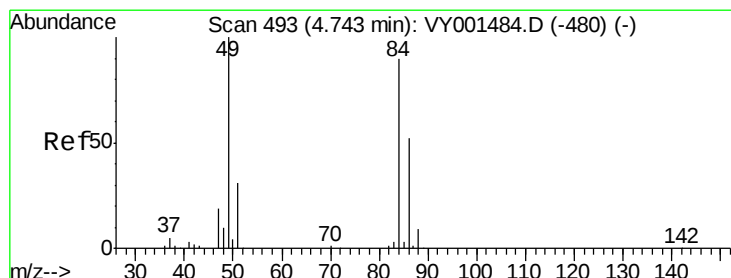
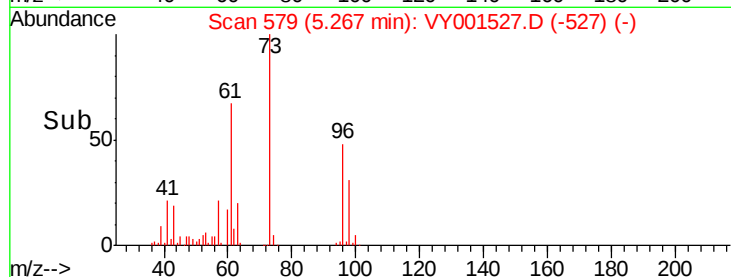
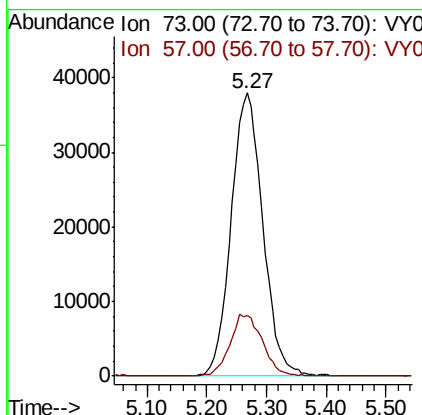
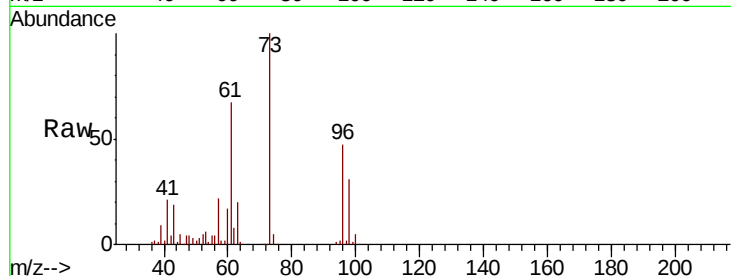




#19
Methvl tert-butvl Ether
Concen: 22.494 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.02 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

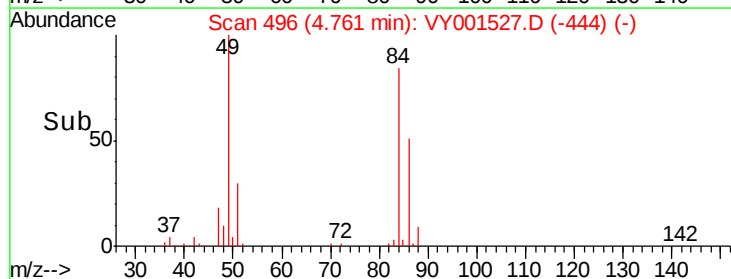
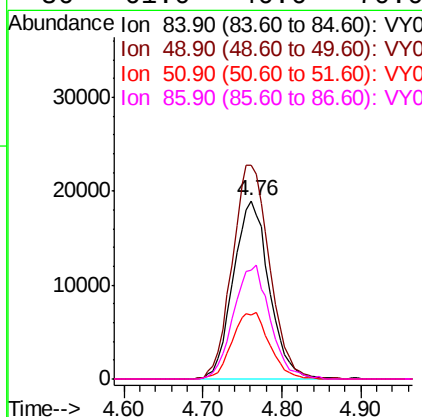
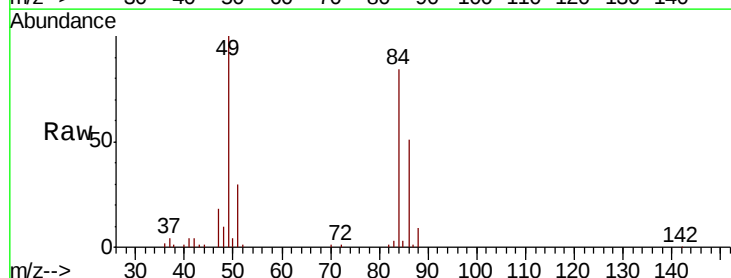
Instrument :
MSVOA_Y
ClientSampleId :

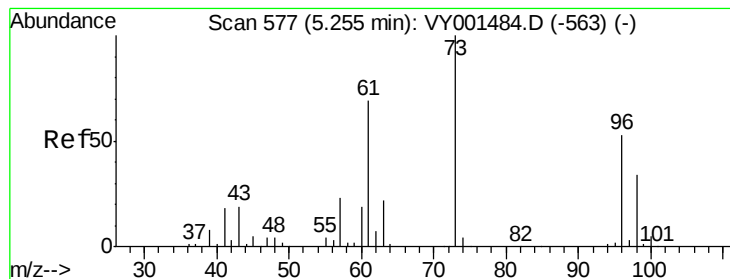
Tot Ion: 73 Resp: 140311
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 20.843 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 84 Resp: 60041
Ion Ratio Lower Upper
84 100
49 119.6 89.0 133.6
51 36.0 27.4 41.2
86 61.0 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 21.713 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampled :

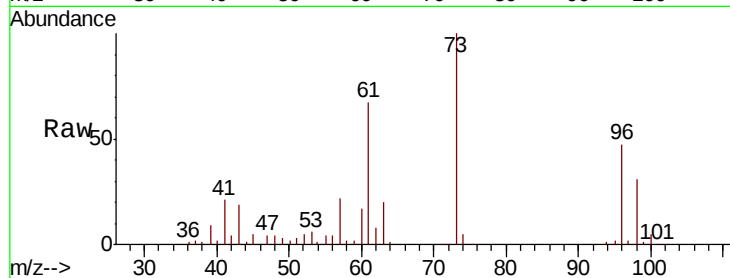
Tot Ion: 96 Resp: 56618

Ion Ratio Lower Upper

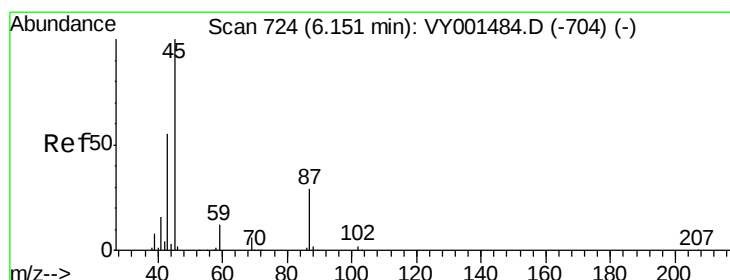
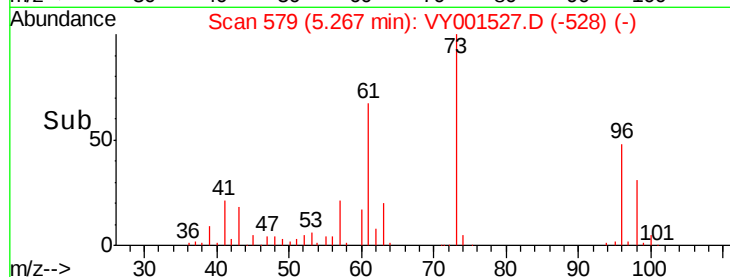
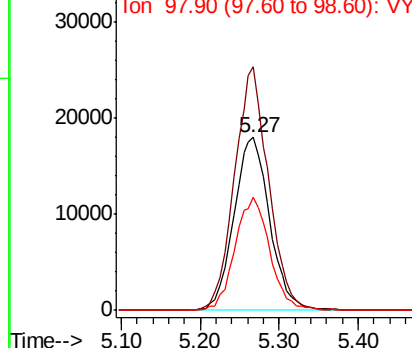
96 100

61 140.7 104.2 156.4

98 65.4 51.4 77.0



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



#22

Diisopropyl ether

Concen: 25.180 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Tgt Ion: 45 Resp: 179001

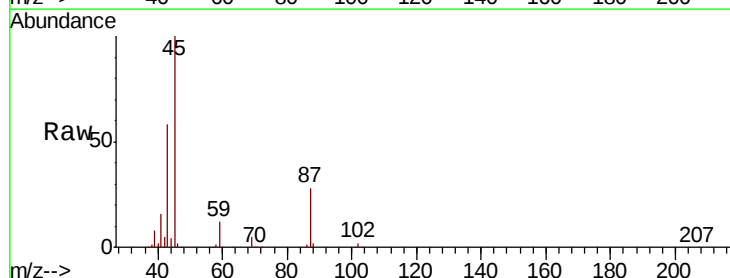
Ion Ratio Lower Upper

45 100

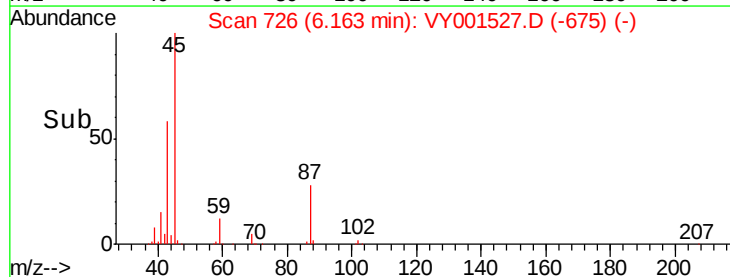
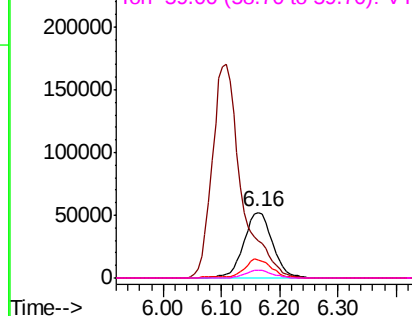
43 57.1 44.2 66.4

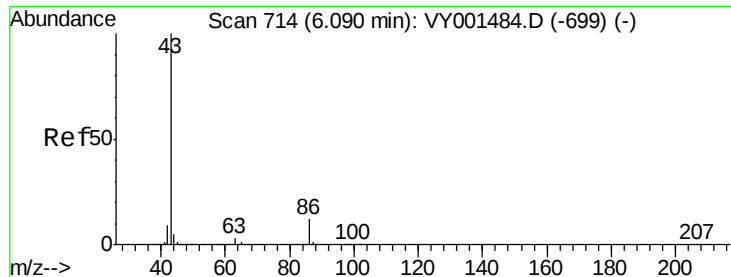
87 28.1 23.9 35.9

59 11.5 10.2 15.2



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





#23

Vinyl Acetate

Concen: 129.907 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.02 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

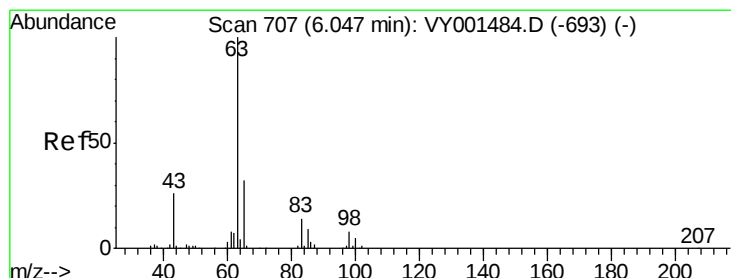
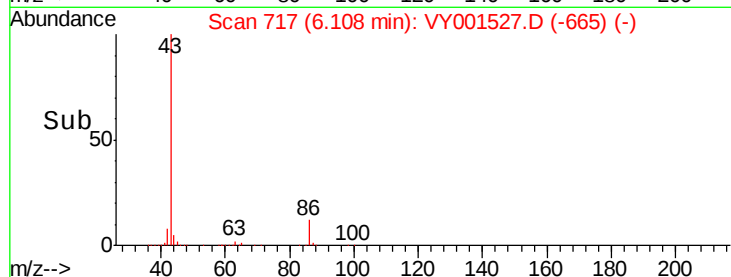
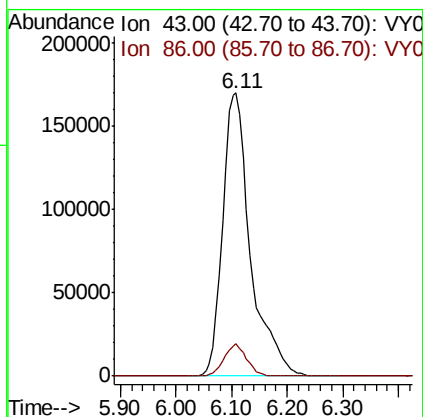
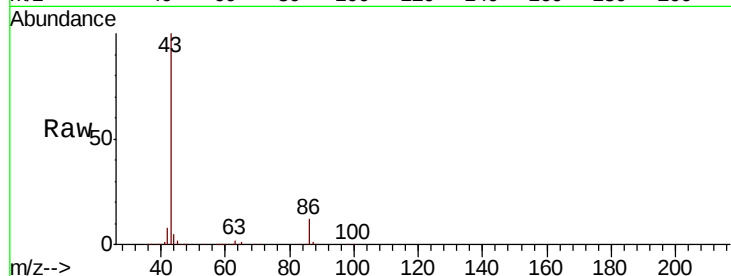
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 587901

Ion Ratio Lower Upper

43 100

86 11.6 9.8 14.8



#24

1,1-Dichloroethane

Concen: 22.550 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.02 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

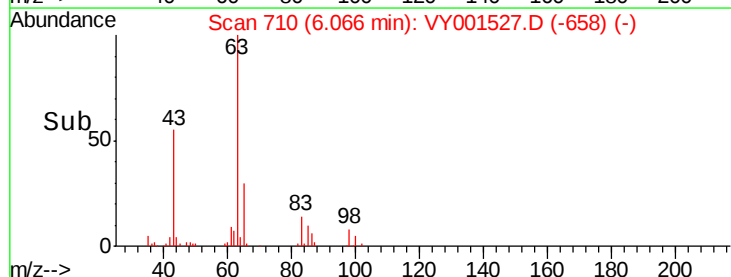
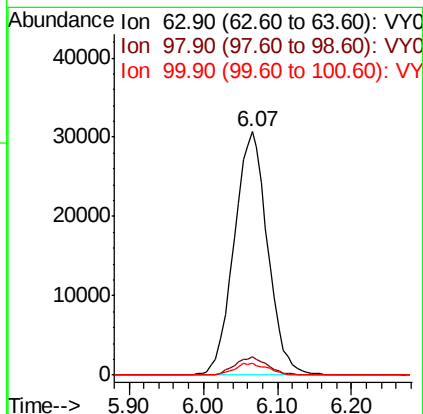
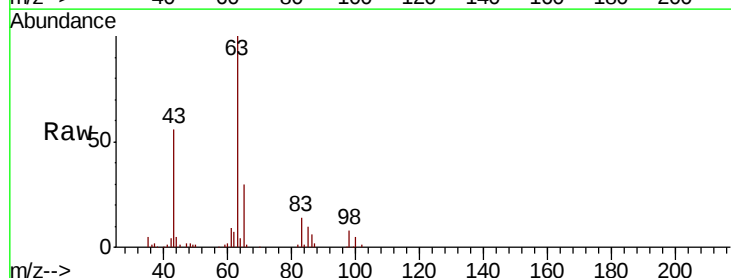
Tgt Ion: 63 Resp: 96425

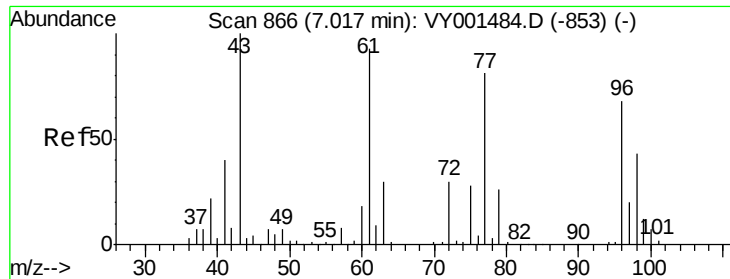
Ion Ratio Lower Upper

63 100

98 7.6 4.0 11.9

100 5.0 2.6 8.0

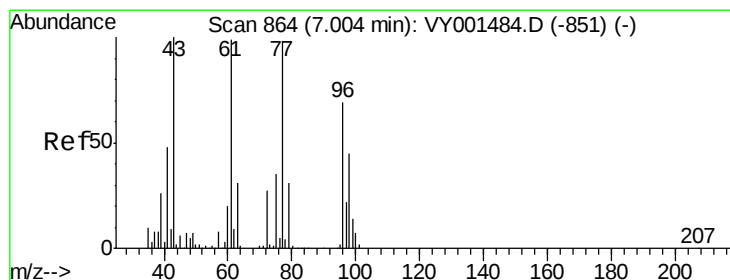
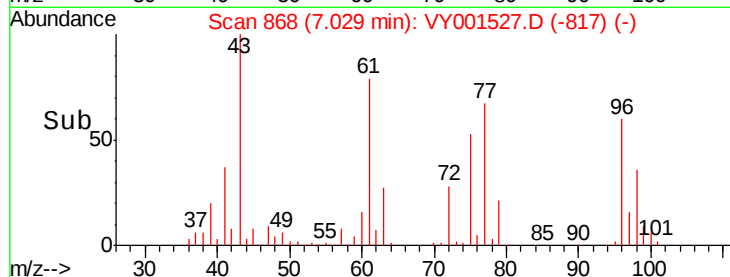
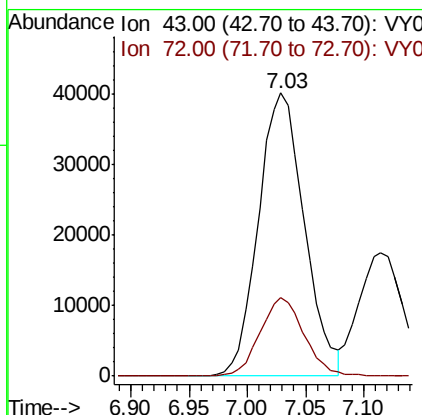
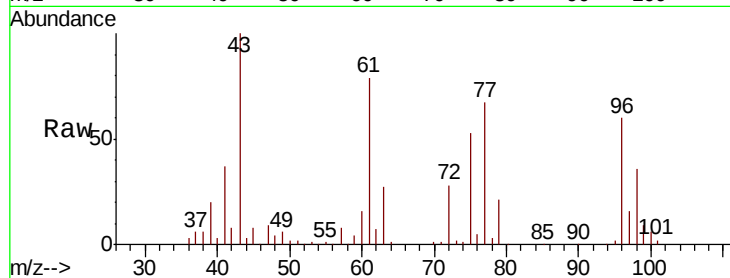




#25
2-Butanone
Concen: 130.770 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

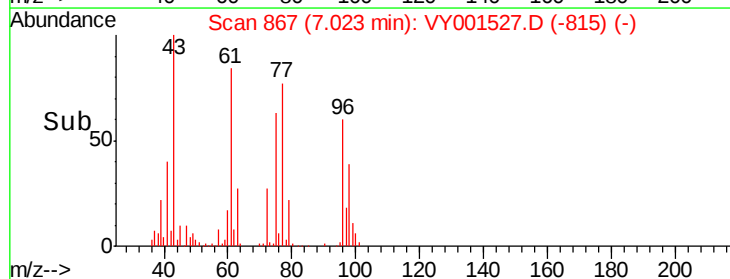
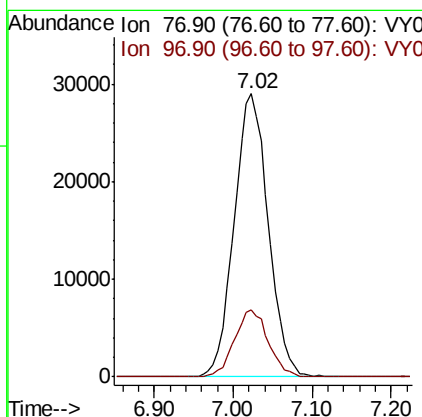
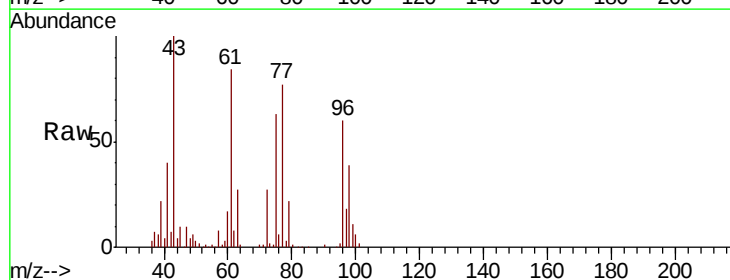
Instrument :
MSVOA_Y
ClientSampled :

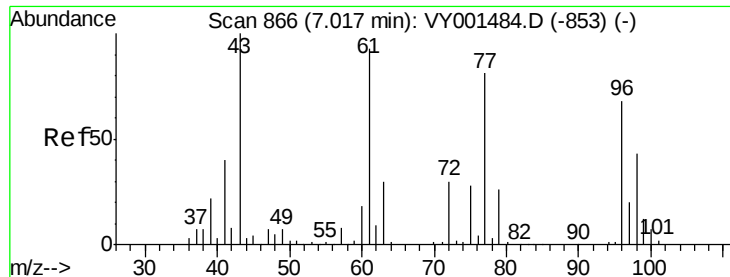
Tot Ion: 43 Resp: 110235
Ion Ratio Lower Upper
43 100
72 27.6 23.8 35.8



#26
2,2-Dichloropropane
Concen: 21.286 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 77 Resp: 87110
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0



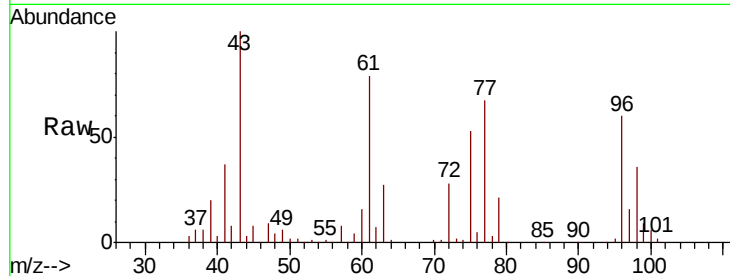


#27

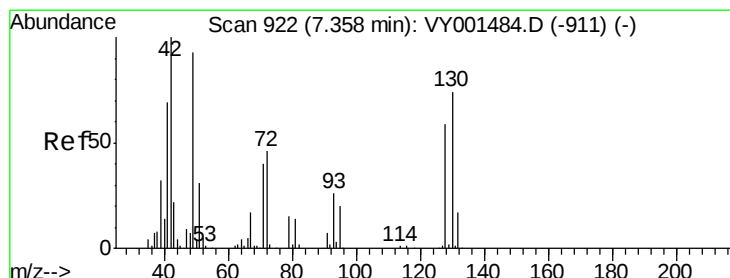
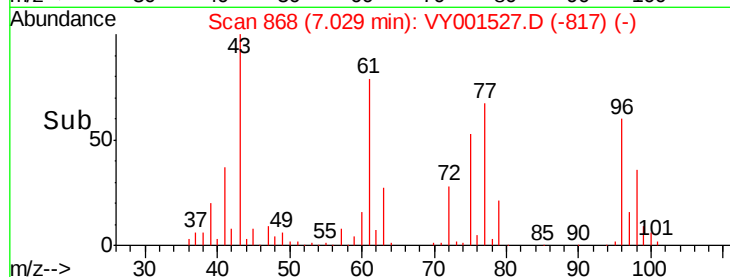
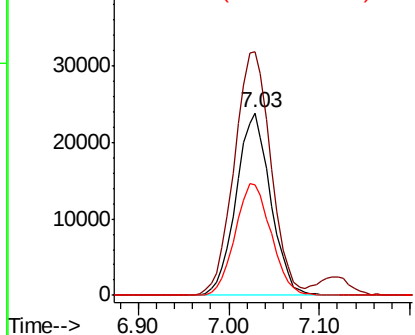
cis-1,2-Dichloroethene
Concen: 22.136 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 63044
Ion Ratio Lower Upper
96 100
61 141.9 0.0 278.8
98 63.9 0.0 128.8



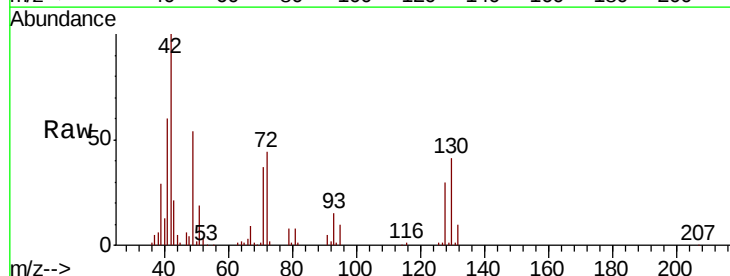
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



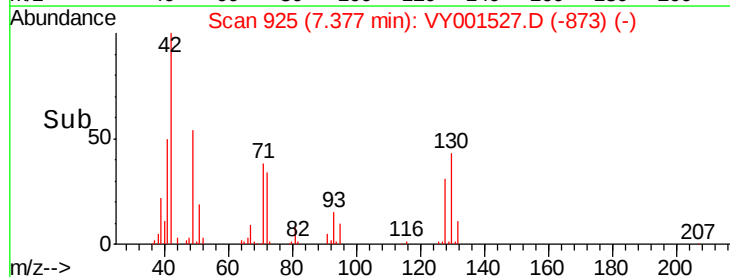
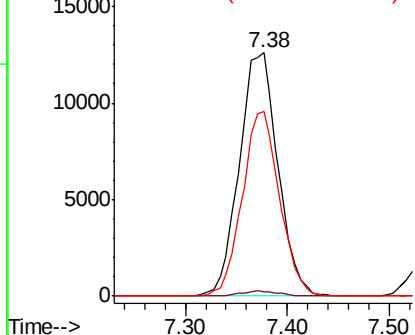
#28

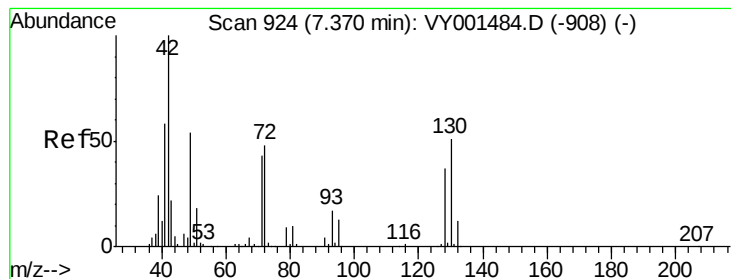
Bromochloromethane
Concen: 22.774 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 49 Resp: 33175
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 73.2 65.4 98.2



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





#29

Tetrahydrofuran

Concen: 138.146 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

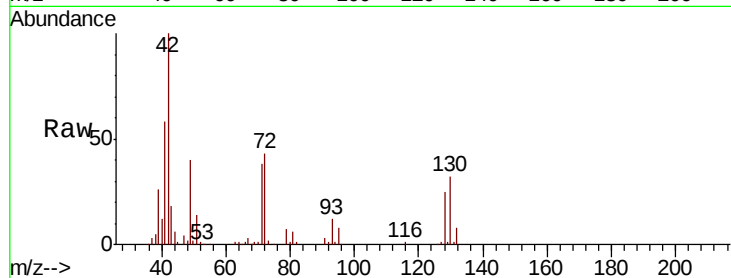
Tot Ion: 42 Resp: 69798

Ion Ratio Lower Upper

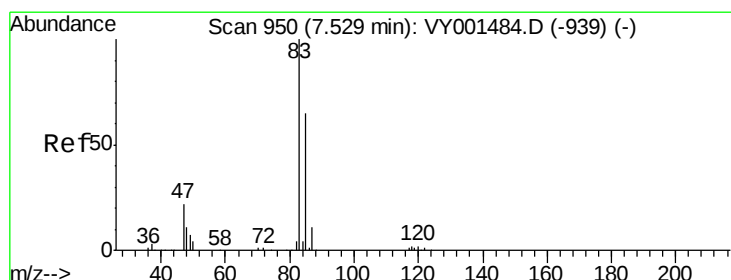
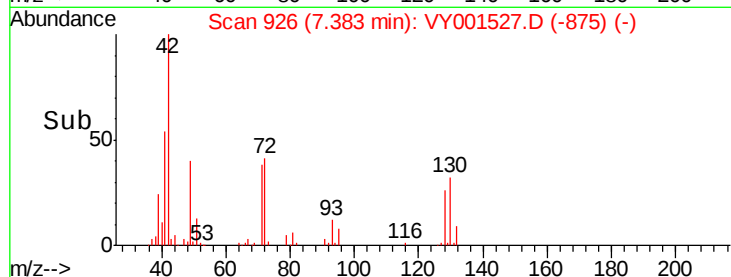
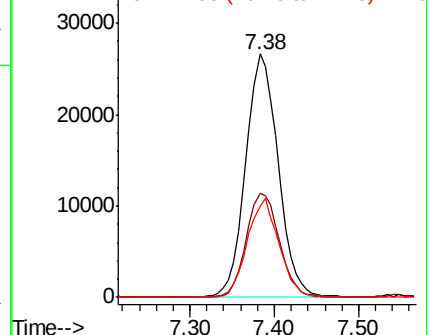
42 100

72 43.4 37.8 56.6

71 39.5 34.8 52.2



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: 21.444 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001527.D

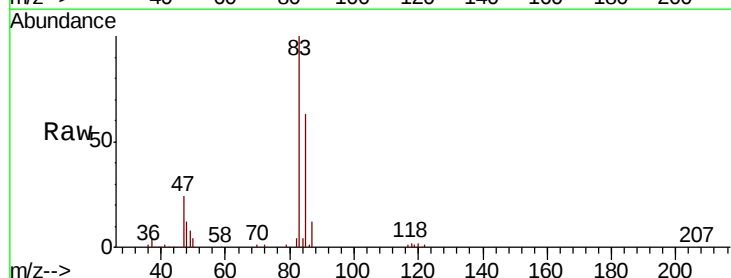
Acq: 06 Feb 2020 13:58

Tgt Ion: 83 Resp: 92880

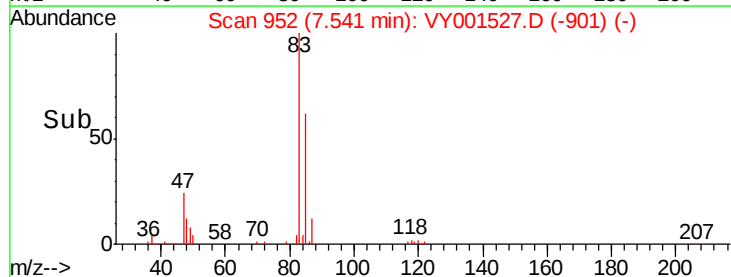
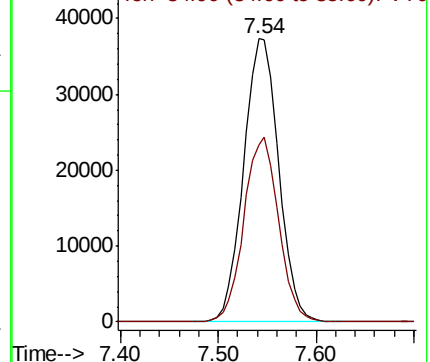
Ion Ratio Lower Upper

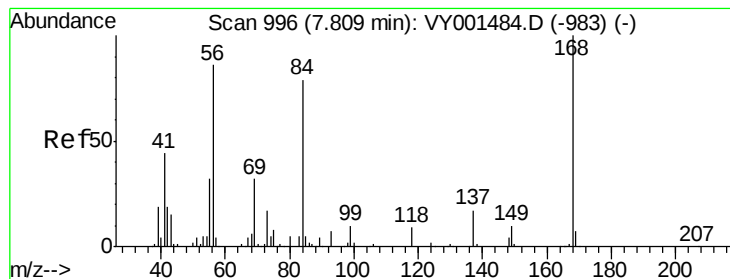
83 100

85 62.6 52.4 78.6



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





#31

Cyclohexane

Concen: 22.806 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

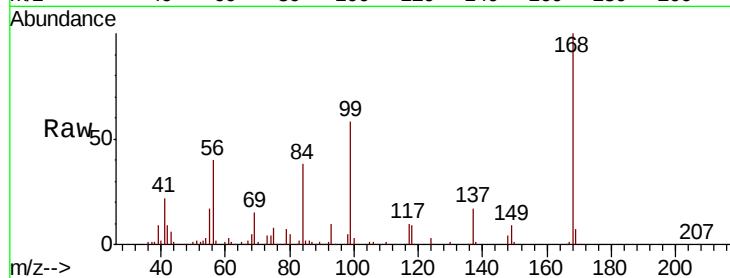
Tot Ion: 56 Resp: 99754

Ion Ratio Lower Upper

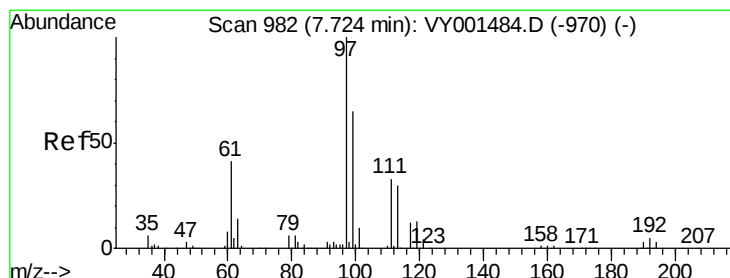
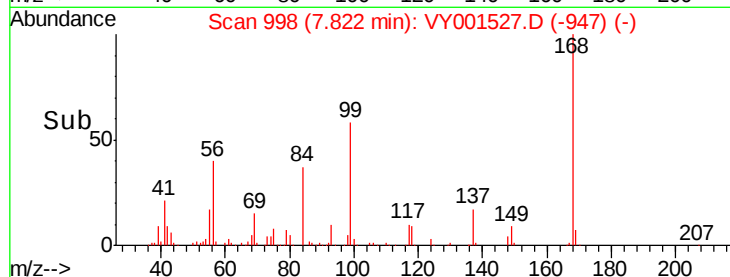
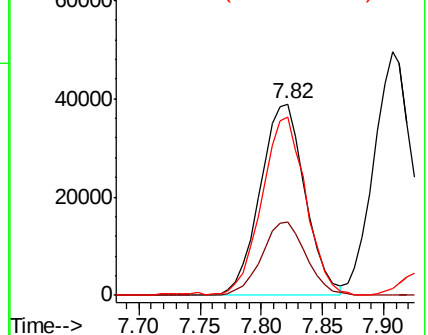
56 100

69 38.4 29.6 44.4

84 92.4 73.6 110.4



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



#32

1,1,1-Trichloroethane

Concen: 20.904 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.02 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

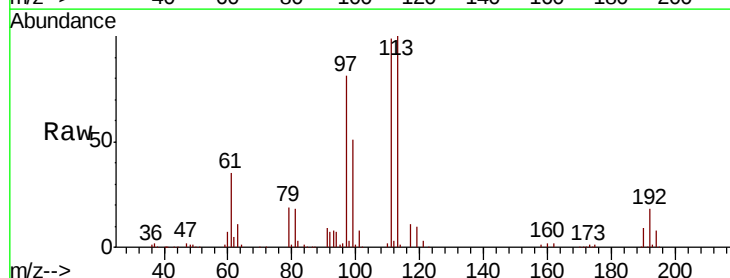
Tgt Ion: 97 Resp: 82090

Ion Ratio Lower Upper

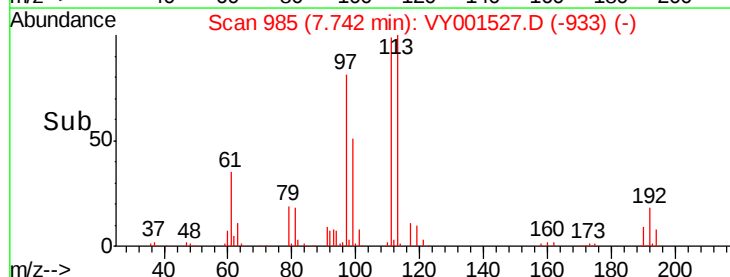
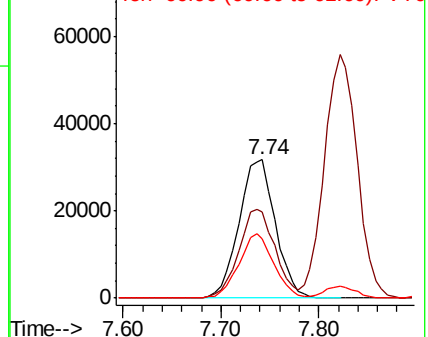
97 100

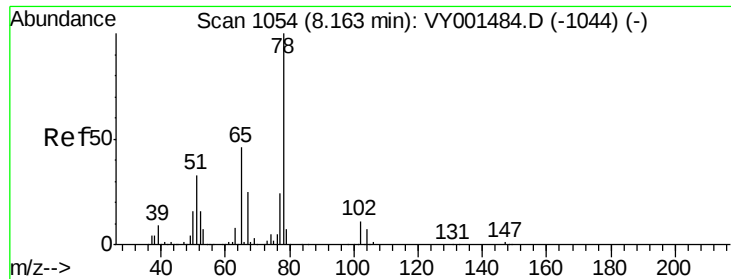
99 63.8 51.8 77.8

61 44.4 32.5 48.7



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

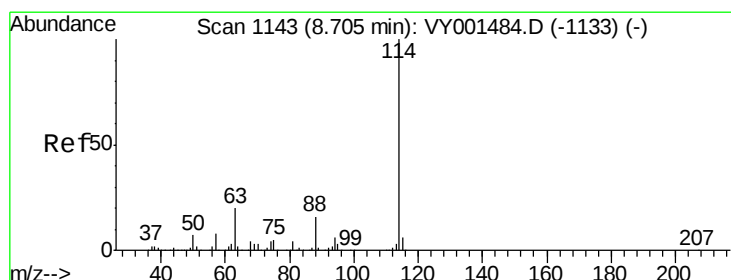
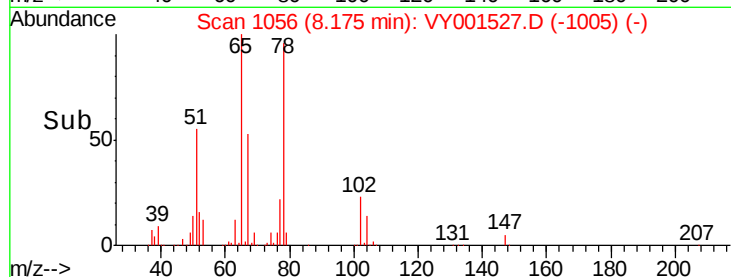
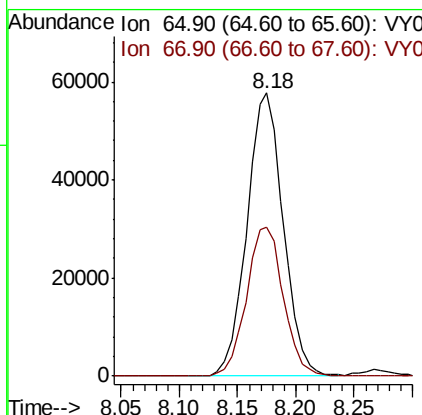
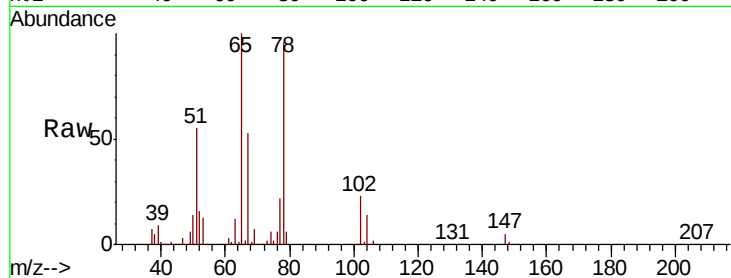




#33
 1,2-Dichloroethane-d4
 Concen: 55.830 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

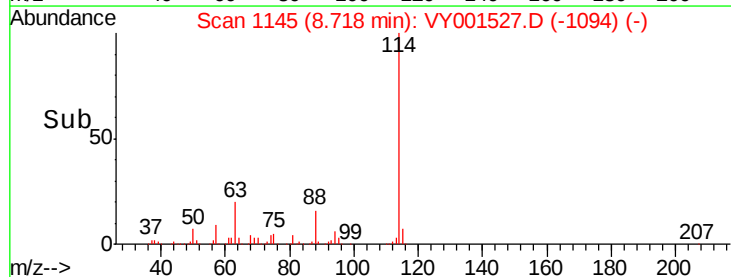
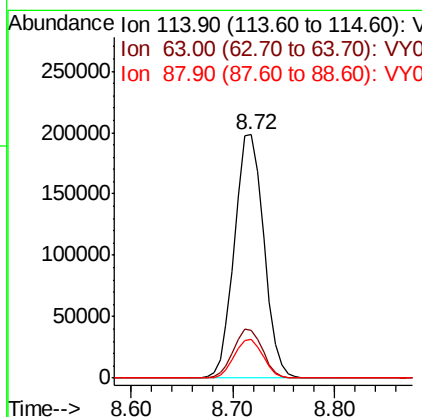
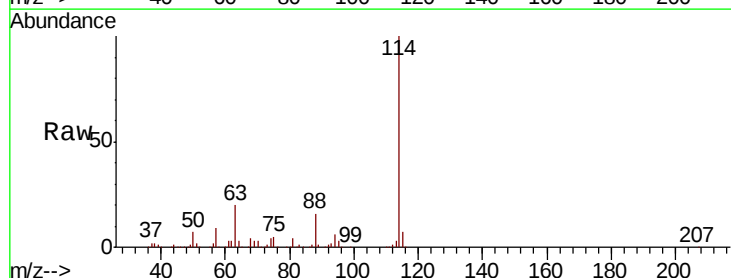
Instrument :
 MSVOA_Y
 ClientSampleId :

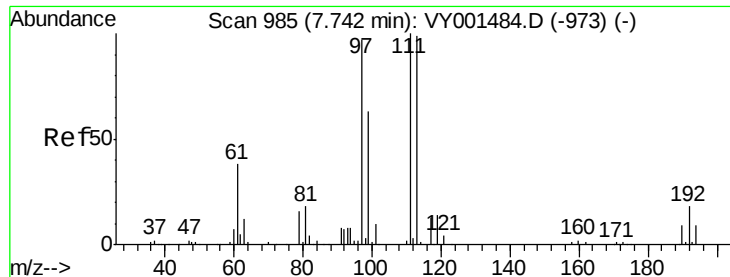
Tot Ion: 65 Resp: 125409
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion: 114 Resp: 395592
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.8 0.0 32.6

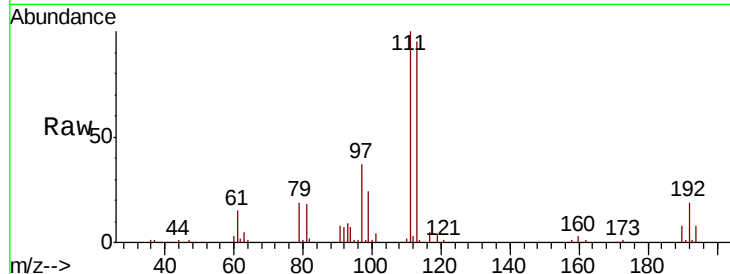




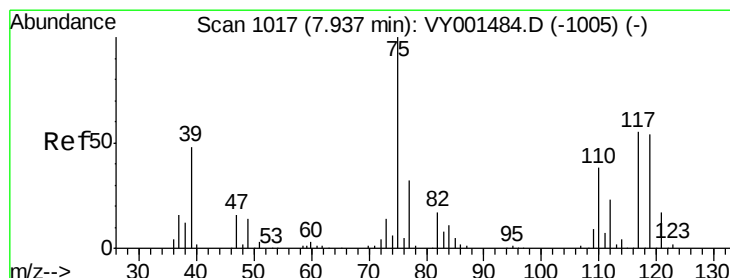
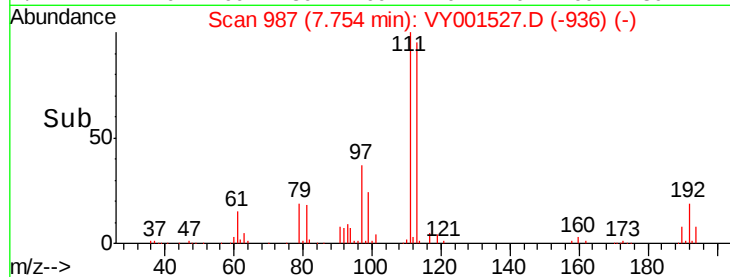
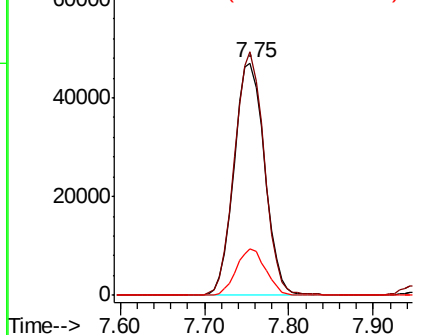
#35
 Dibromofluoromethane
 Concen: 50.542 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	19.3	14.6	22.0

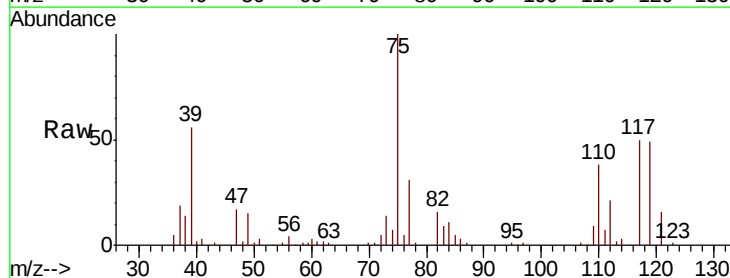


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

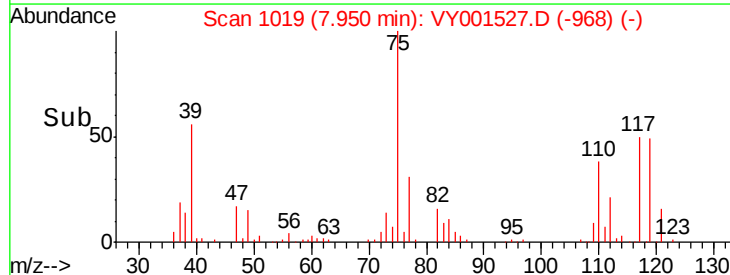
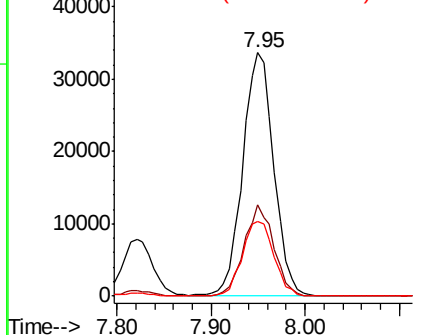


#36
 1,1-Dichloropropene
 Concen: 21.536 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.2	54.6
77	31.4	25.0	37.4



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

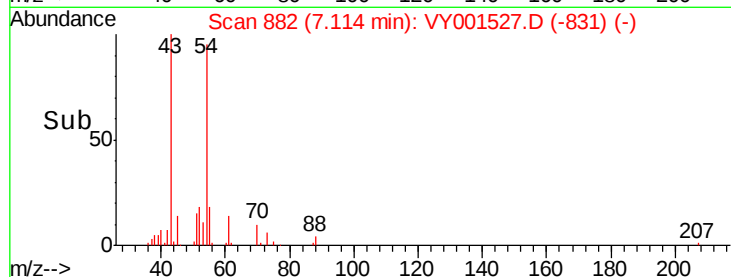
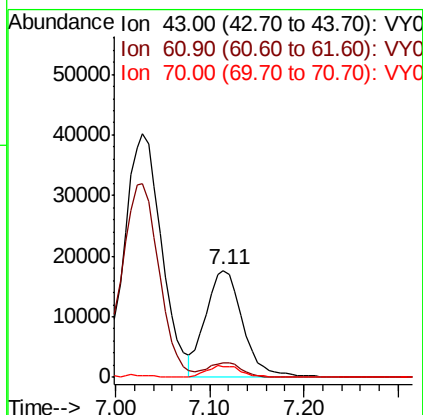
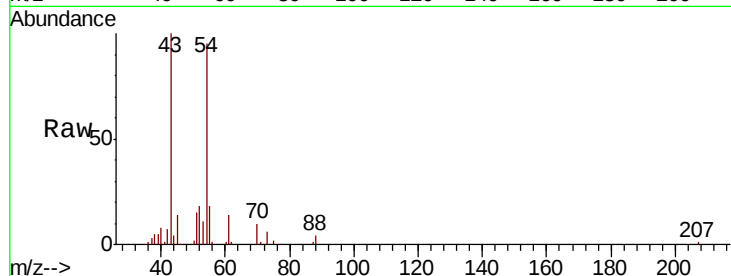




#37
Ethyl Acetate
Concen: 27.310 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

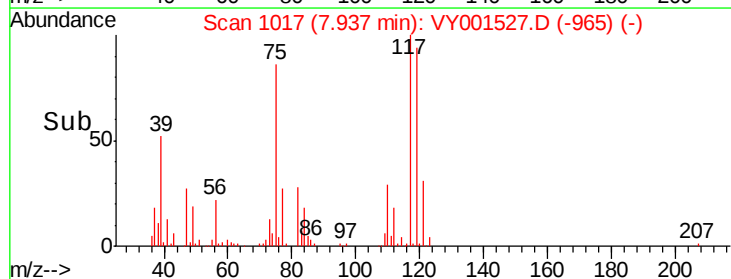
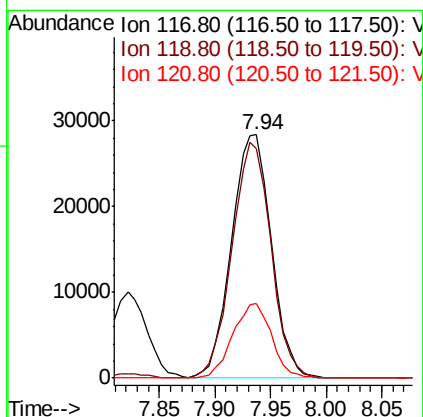
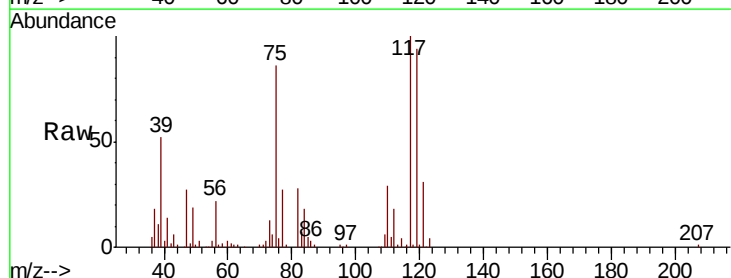
Instrument :
MSVOA_Y
ClientSampled :

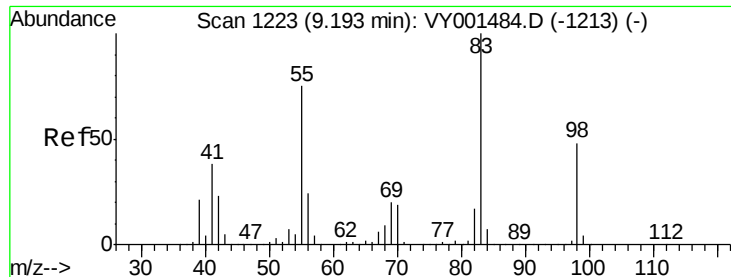
Tot Ion: 43 Resp: 47844
Ion Ratio Lower Upper
43 100
61 13.3 12.0 18.0
70 10.3 10.2 15.4



#38
Carbon Tetrachloride
Concen: 20.182 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.02 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 117 Resp: 70664
Ion Ratio Lower Upper
117 100
119 94.4 76.4 114.6
121 30.7 24.2 36.4

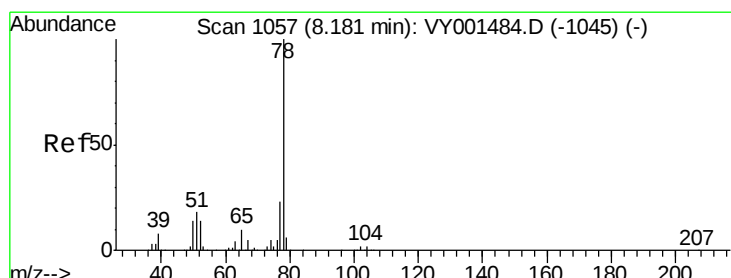
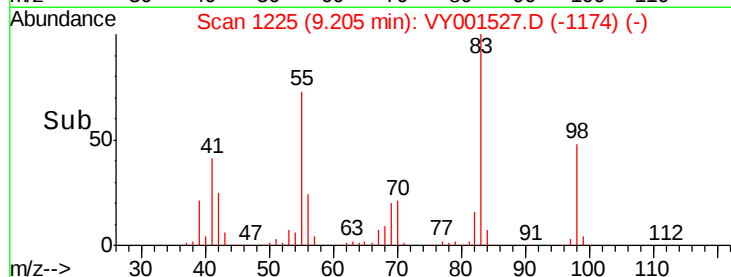
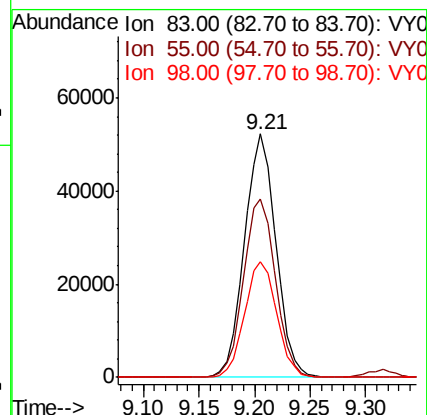
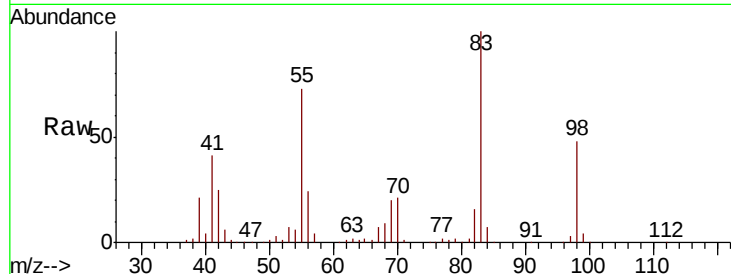




#39
Methvlcvclohexane
Concen: 21.510 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

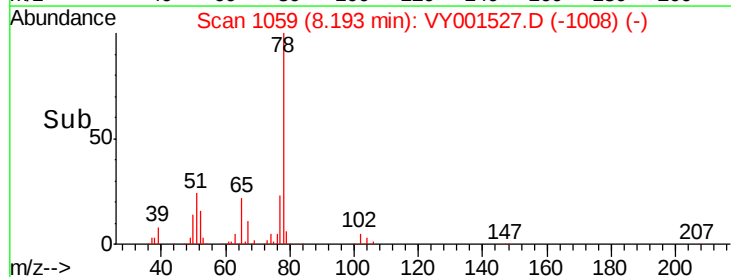
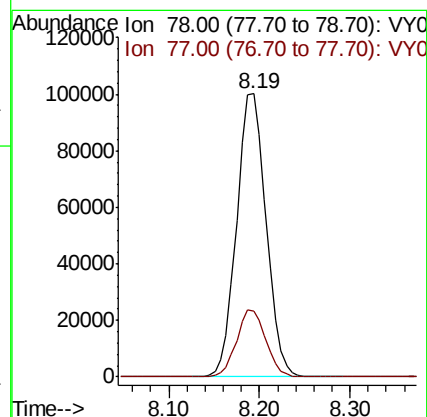
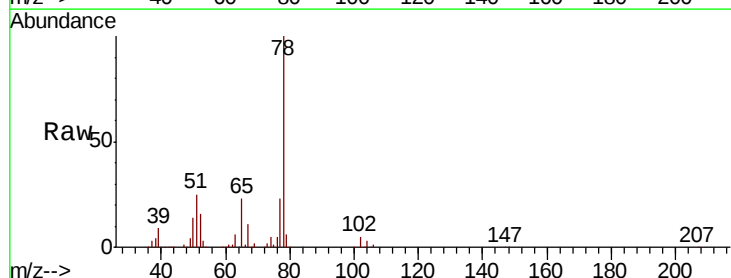
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 102499
Ion Ratio Lower Upper
83 100
55 73.5 59.8 89.6
98 47.6 38.6 57.8



#40
Benzene
Concen: 21.881 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 78 Resp: 225860
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

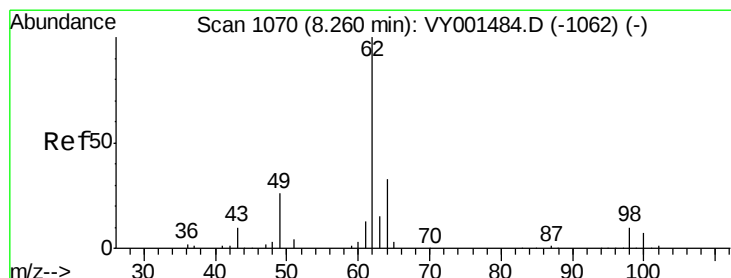
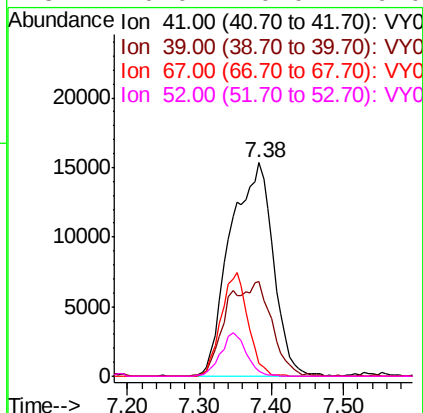
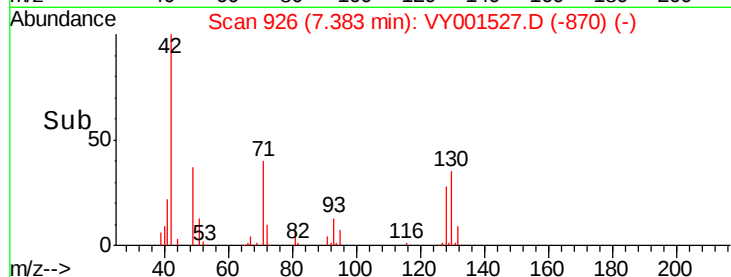
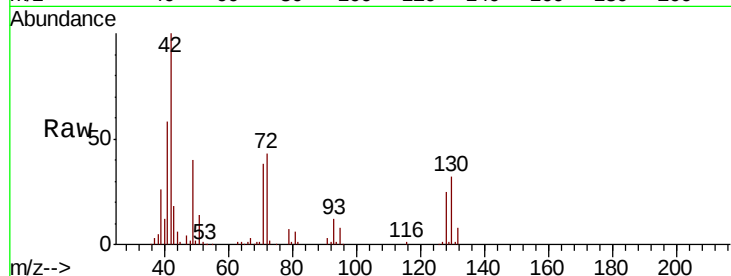




#41
Methacrylonitrile
Concen: 78.377 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

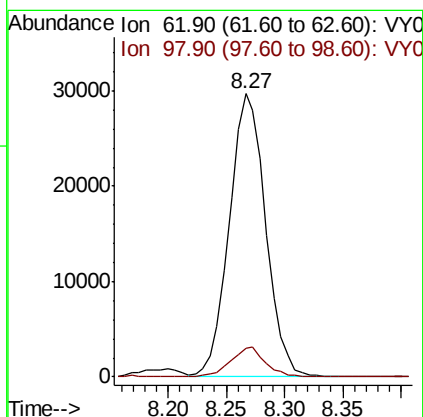
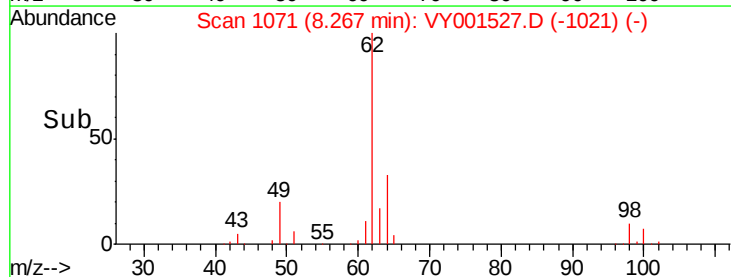
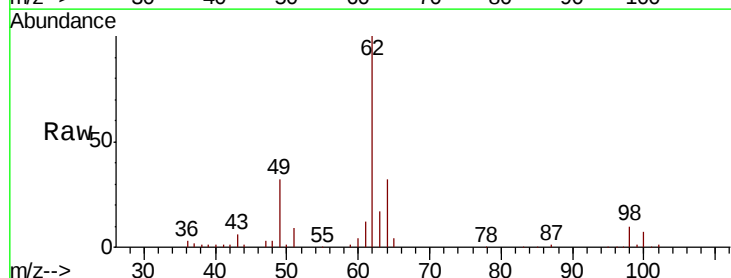
Instrument :
MSVOA_Y
ClientSampled :

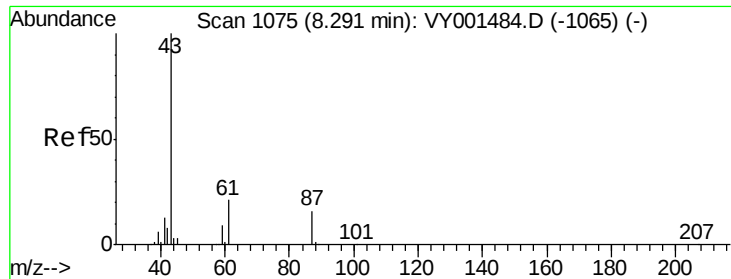
Tot Ion: 41 Resp: 63638
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.415 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 62 Resp: 64460
Ion Ratio Lower Upper
62 100
98 9.9 0.0 21.0

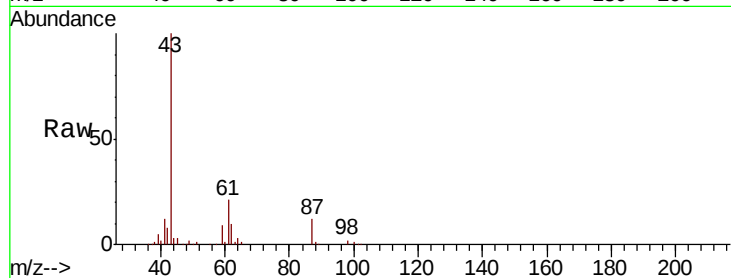




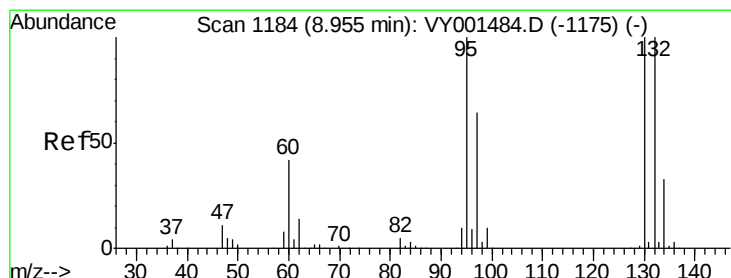
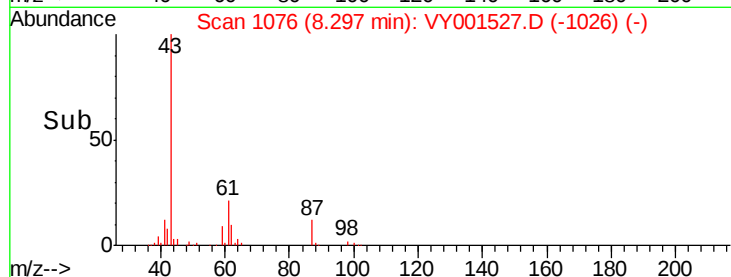
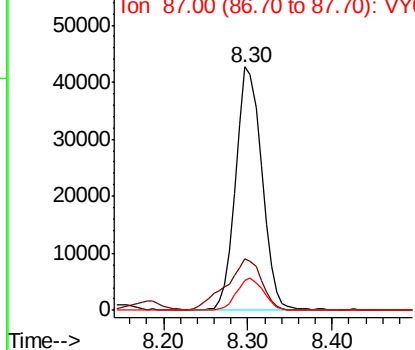
#43
Isopropyl Acetate
Concen: 25.886 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 89791
Ion Ratio Lower Upper
43 100
61 28.7 25.1 37.7
87 13.4 12.6 19.0

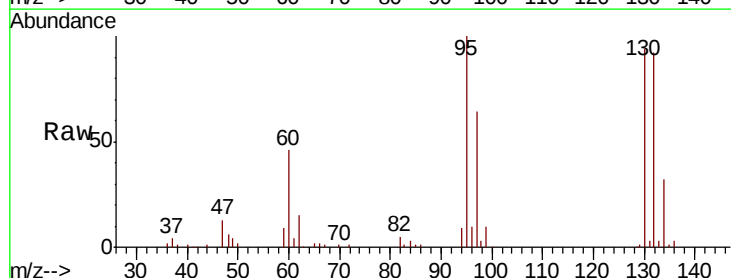


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

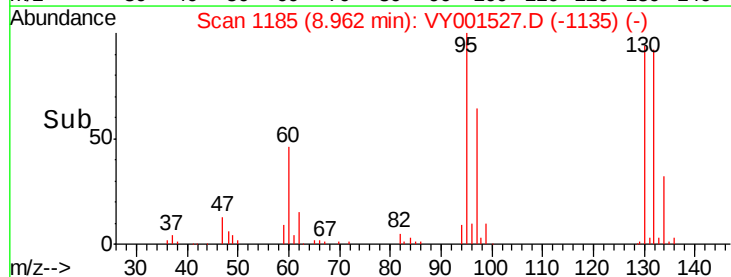
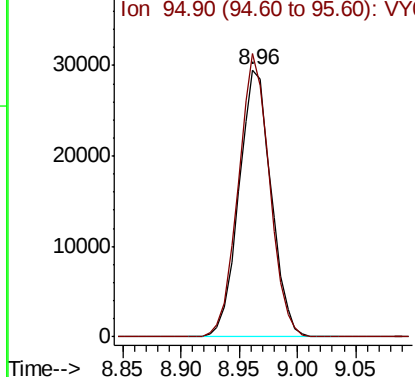


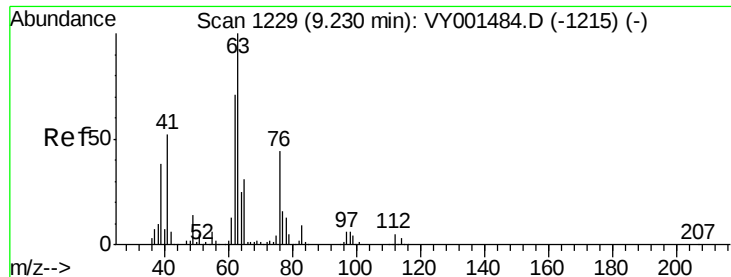
#44
Trichloroethene
Concen: 20.533 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:130 Resp: 57129
Ion Ratio Lower Upper
130 100
95 105.9 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 22.569 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

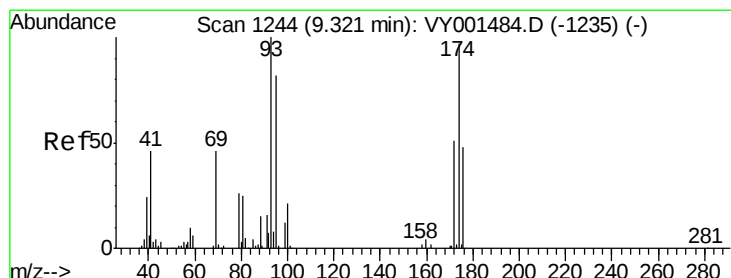
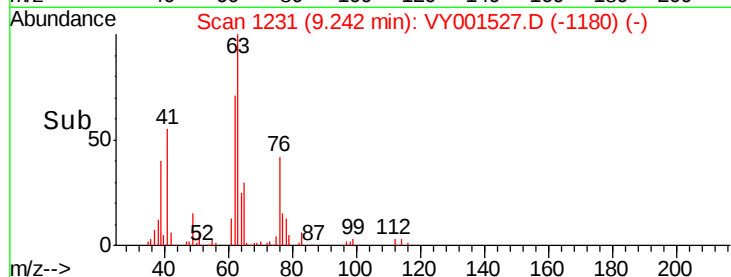
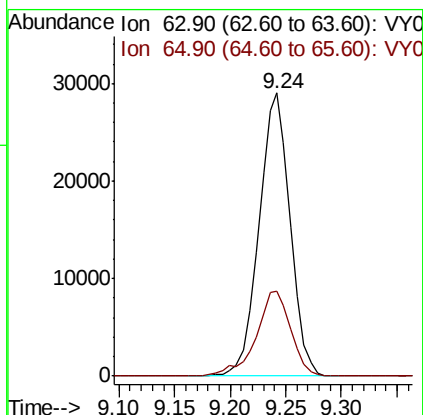
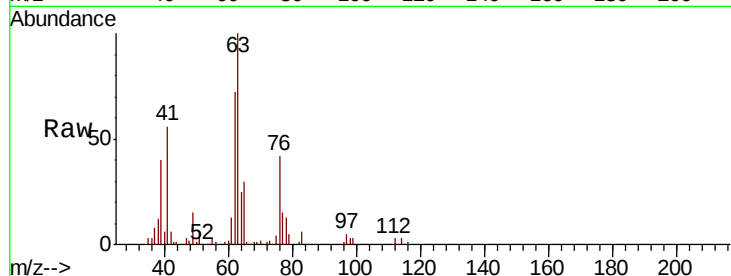
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 56255

Ion Ratio Lower Upper

63 100

65 29.9 25.0 37.4



#46

Dibromomethane

Concen: 21.862 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

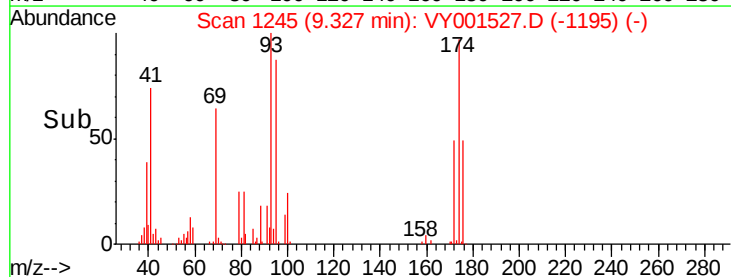
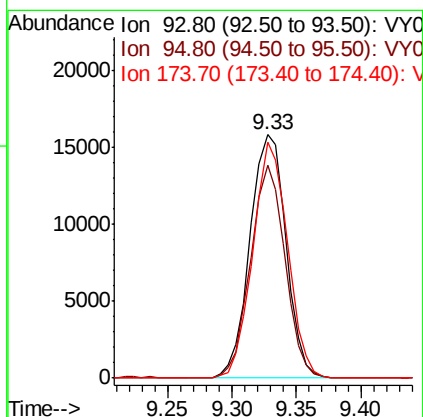
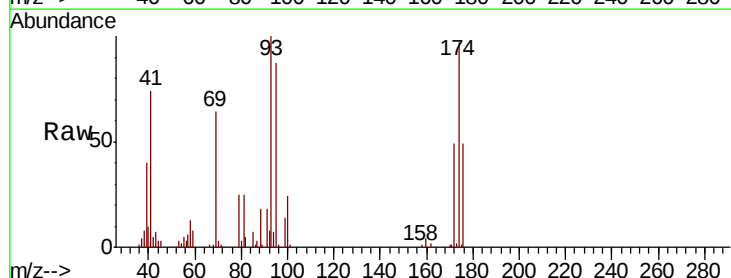
Tgt Ion: 93 Resp: 30599

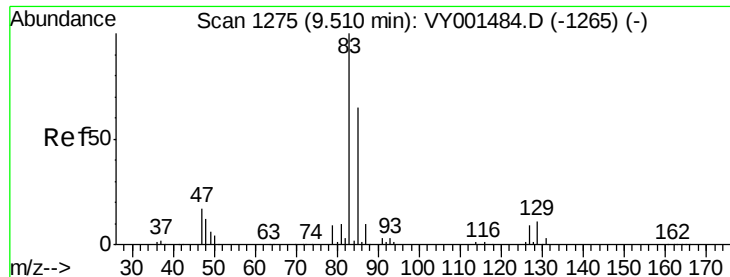
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 93.5 75.4 113.2





#47

Bromodichloromethane

Concen: 21.343 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

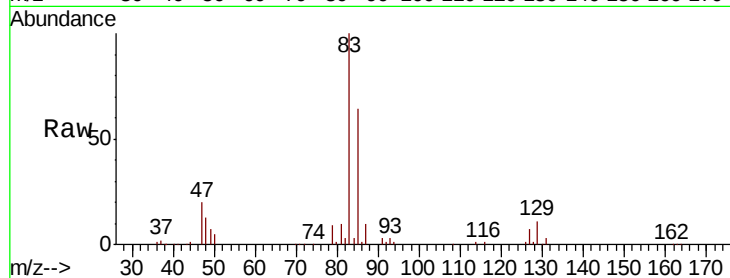
Tot Ion: 83 Resp: 72785

Ion Ratio Lower Upper

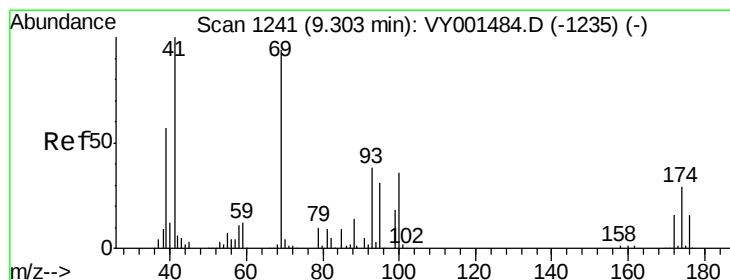
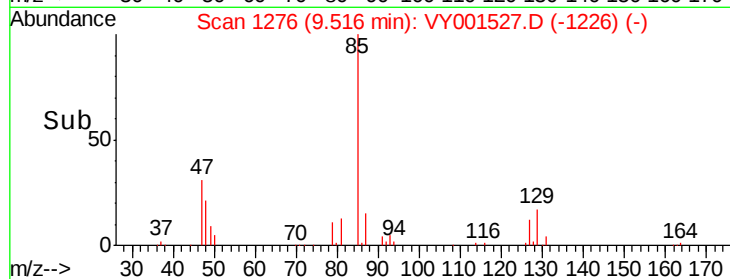
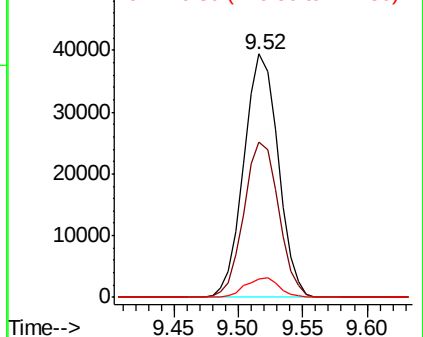
83 100

85 63.9 51.9 77.9

127 7.4 6.9 10.3



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



#48

Methyl methacrylate

Concen: 25.939 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

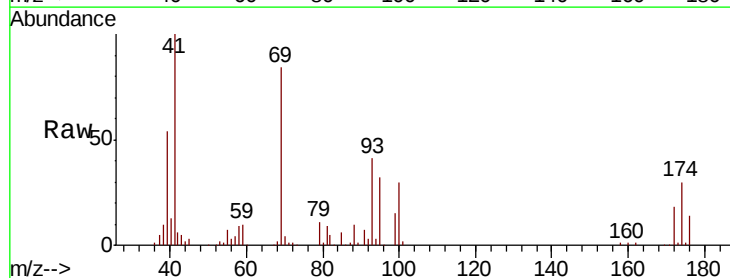
Tgt Ion: 41 Resp: 40836

Ion Ratio Lower Upper

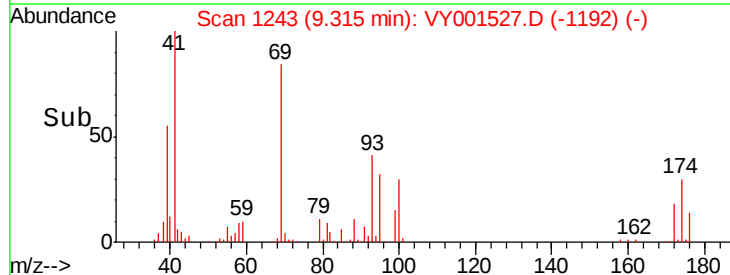
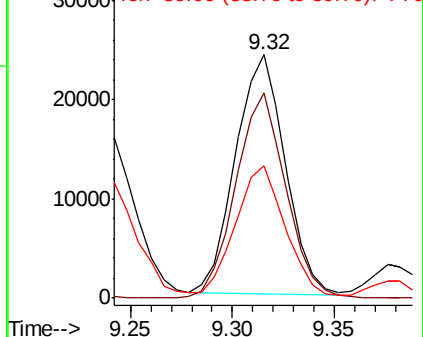
41 100

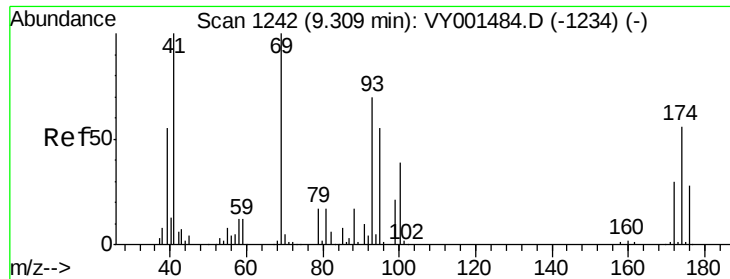
69 86.3 76.6 114.8

39 56.6 45.4 68.0



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

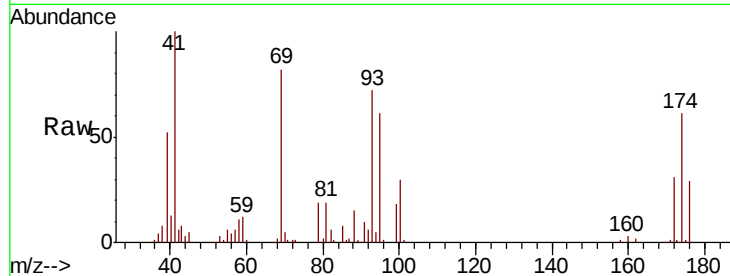




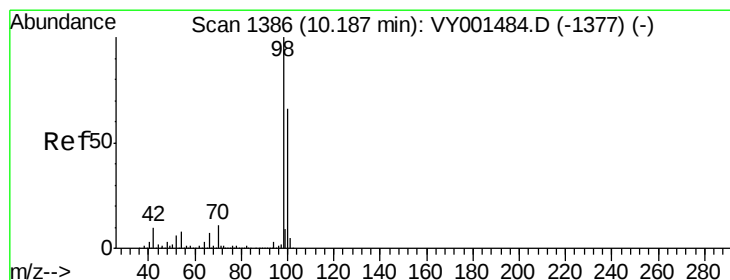
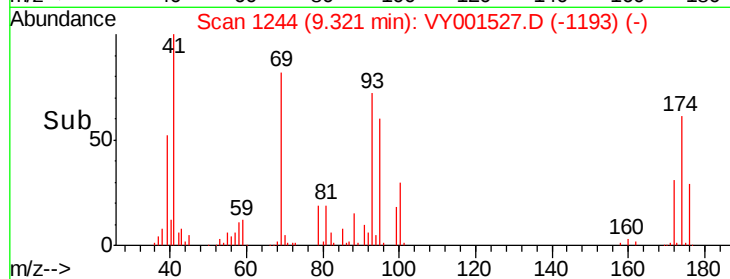
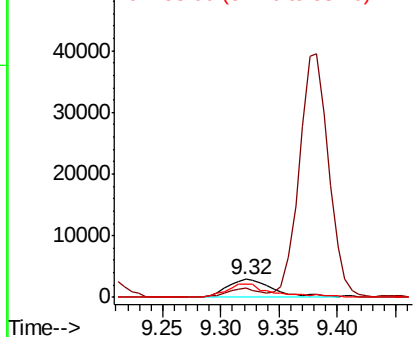
#49
1,4-Dioxane
Concen: 440.261 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 8138
Ion Ratio Lower Upper
88 100
43 34.8 24.8 37.2
58 75.1 59.3 88.9

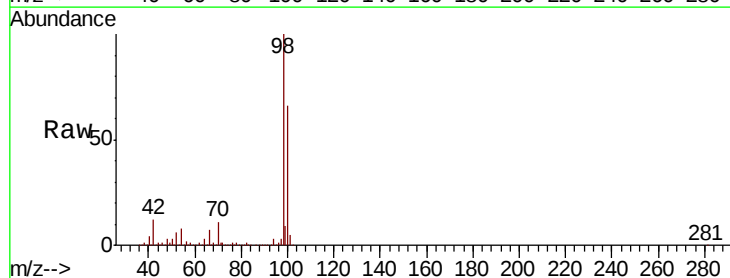


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

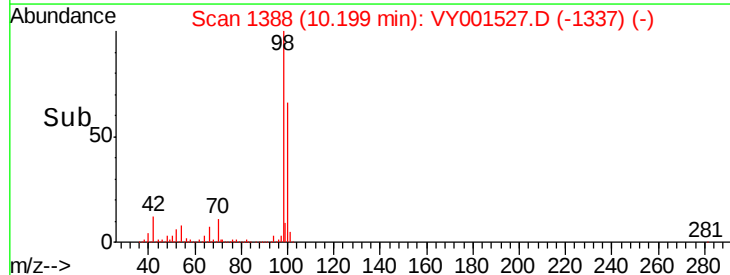
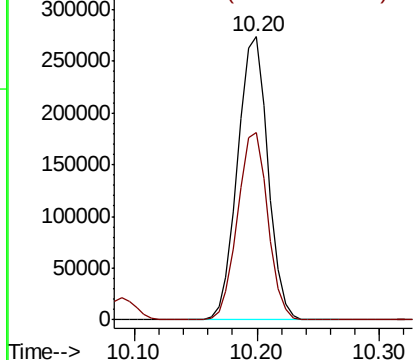


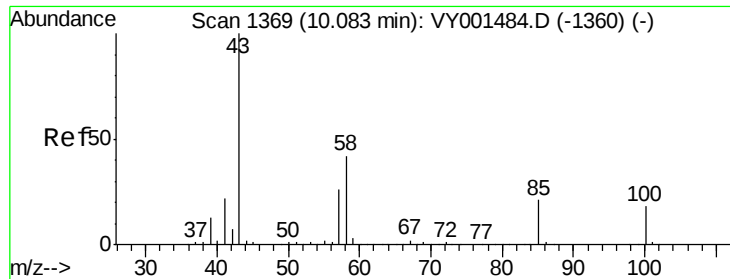
#50
Toluene-d8
Concen: 54.461 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 98 Resp: 470033
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



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: 135.746 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

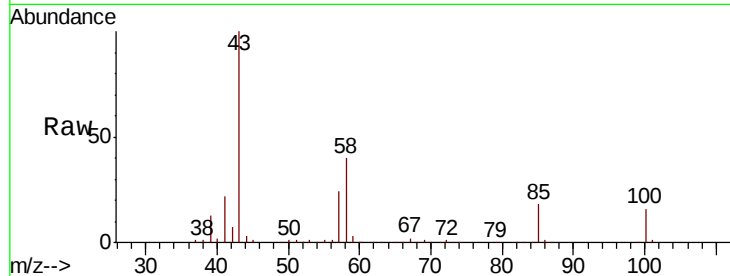
ClientSampled :

Tot Ion: 43 Resp: 231884

Ion Ratio Lower Upper

43 100

58 39.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001527.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001527.D (-1370) (-)

10.09

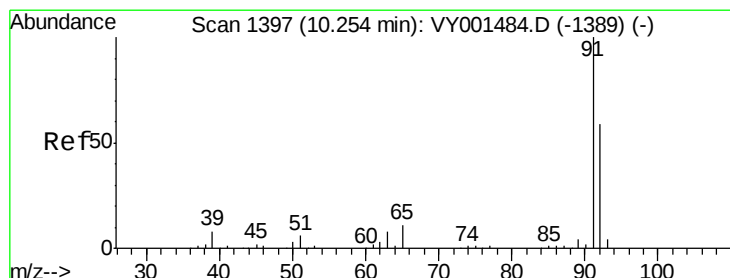
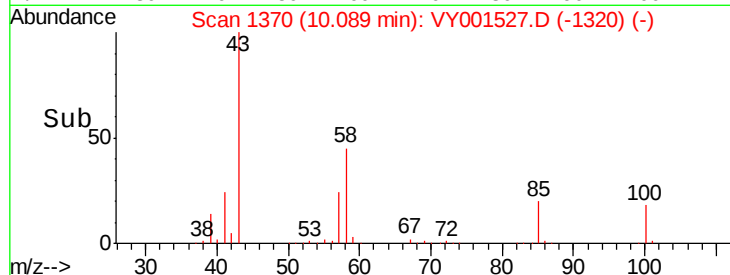
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.099 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001527.D

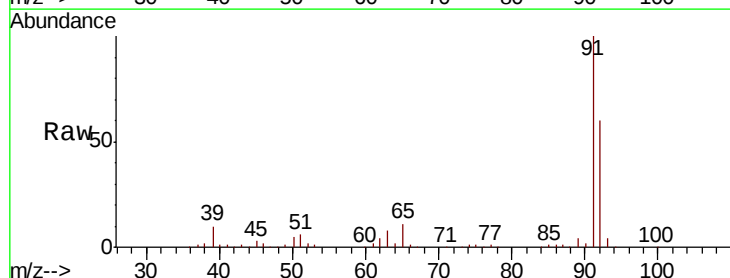
Acq: 06 Feb 2020 13:58

Tgt Ion: 92 Resp: 144741

Ion Ratio Lower Upper

92 100

91 169.8 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001527.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001527.D (-1398) (-)

10.26

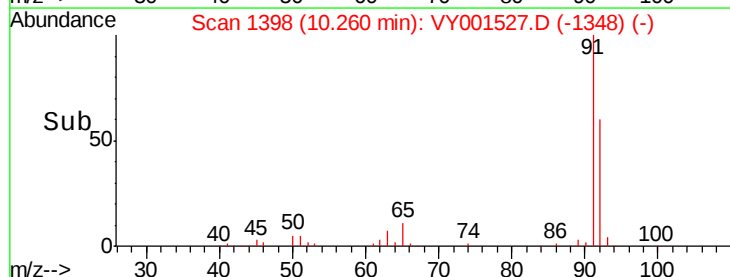
150000

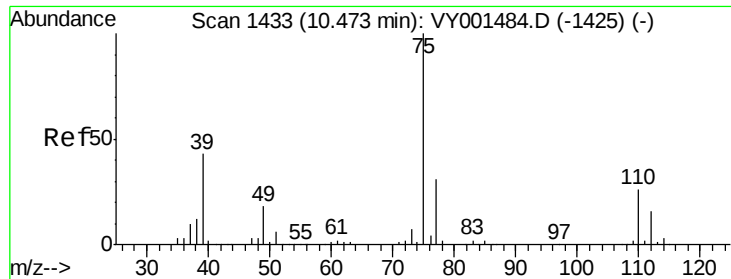
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.941 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

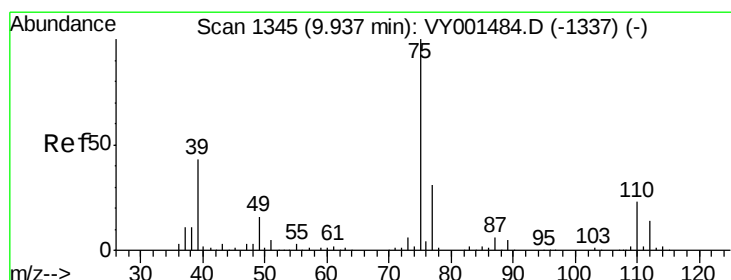
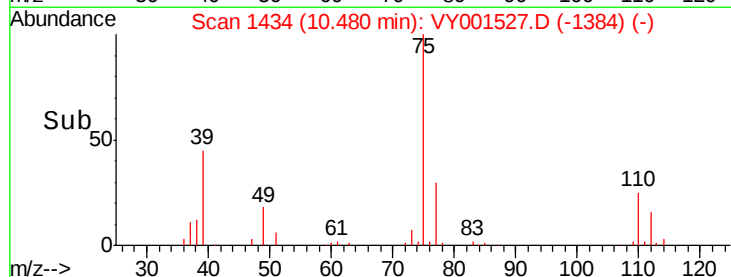
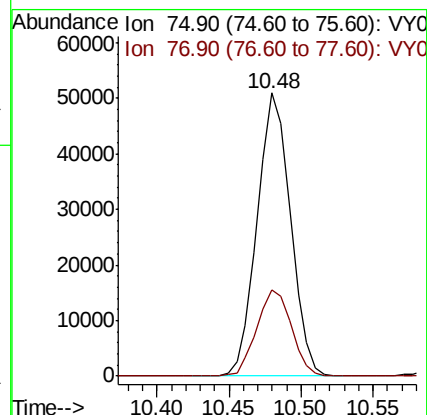
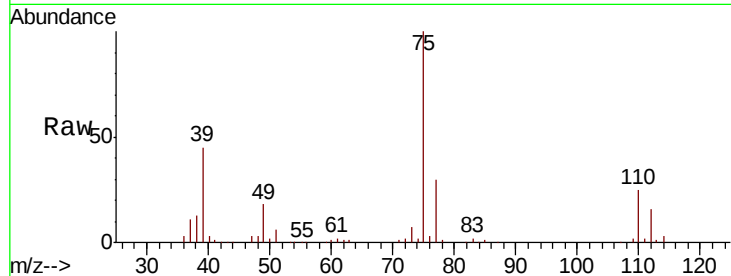
ClientSampleId :

Tot Ion: 75 Resp: 81499

Ion Ratio Lower Upper

75 100

77 30.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 22.109 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

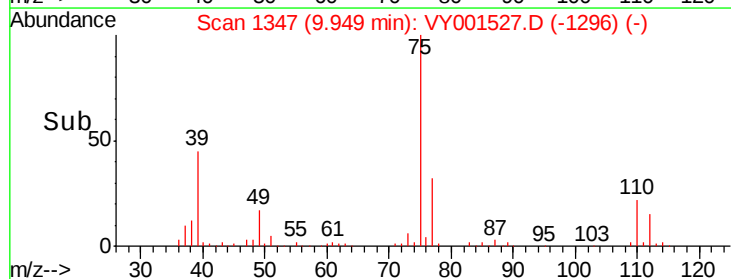
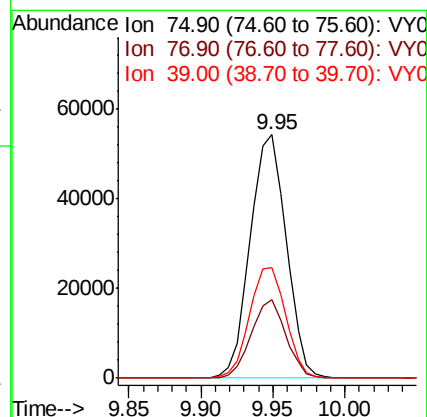
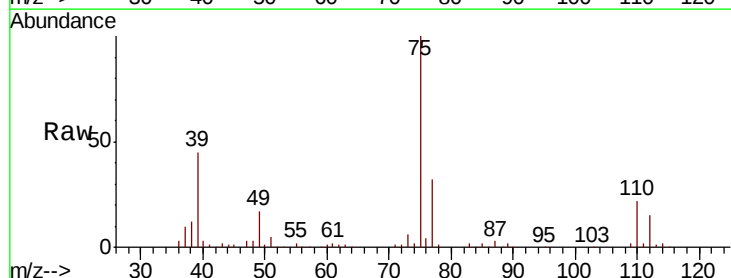
Tgt Ion: 75 Resp: 94282

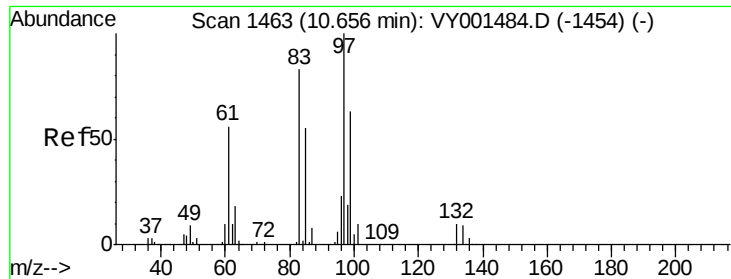
Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 45.2 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 22.668 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 45520

Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.2	99.2
85	56.2	43.8	65.6
99	62.6	50.1	75.1

Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

10000

0

10.60 10.65 10.70

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

10000

0

10.60 10.65 10.70

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

10000

0

10.60 10.65 10.70

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

10000

0

10.60 10.65 10.70

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

10000

0

10.60 10.65 10.70

Time-->

10.66

10.60 10.65 10.70

40000

30000

20000

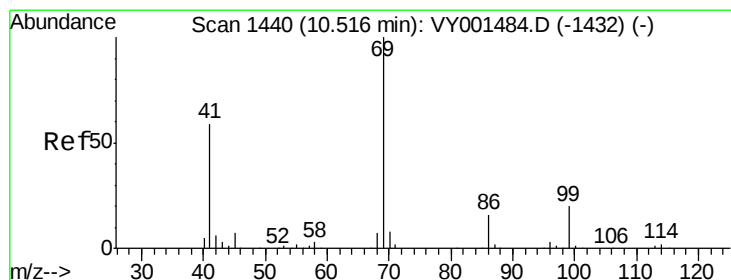
10000

0

10.60 10.65 10.70

Time-->

10.66



#56

Ethyl methacrylate

Concen: 23.739 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Tgt Ion: 69 Resp: 67804

Ion	Ratio	Lower	Upper
69	100		
41	66.8	47.8	71.8
39	32.4	24.4	36.6

Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Time-->

10.52

10.50 10.55 10.60

60000

50000

40000

30000

20000

10000

0

10.50 10.55 10.60

Time-->

10.52

10.50 10.55 10.60

60000

50000

40000

30000

20000

10000

0

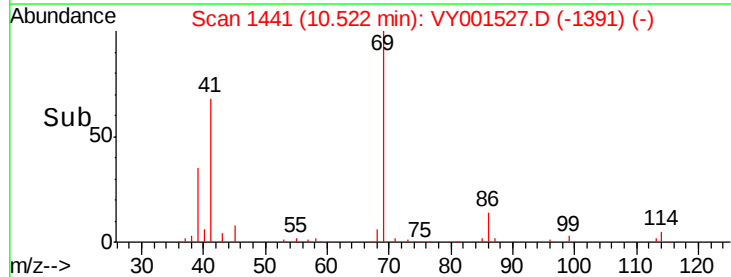
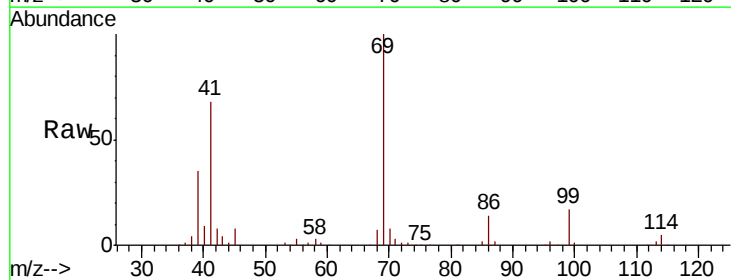
10.50 10.55 10.60

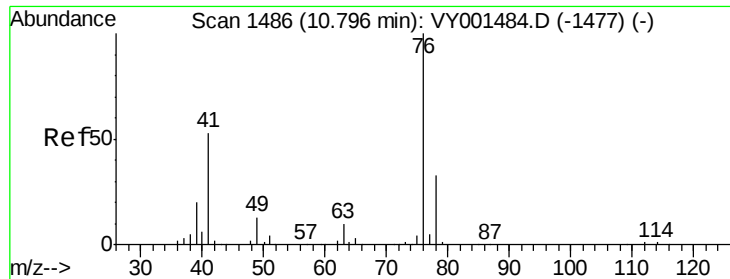
Time-->

10.52

10.50 10.55 10.60

60000





#57

1,3-Dichloropropane

Concen: 22.391 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

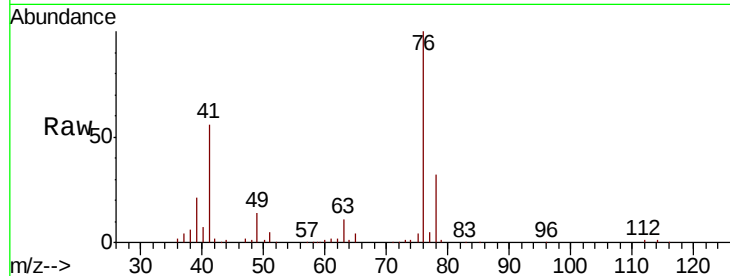
ClientSampleId :

Tot Ion: 76 Resp: 79264

Ion Ratio Lower Upper

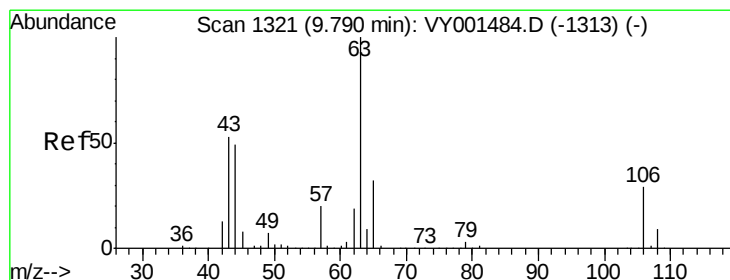
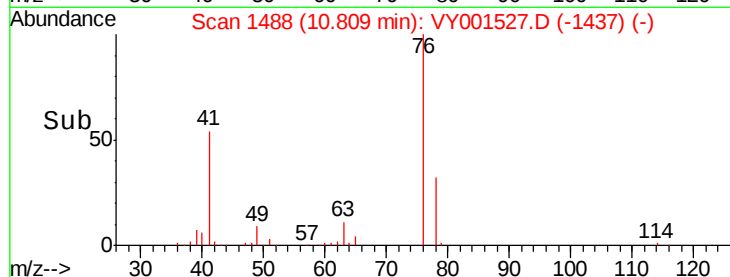
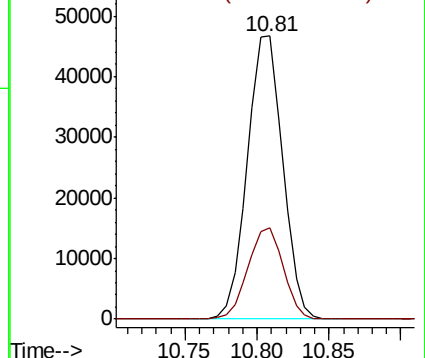
76 100

78 32.4 25.7 38.5



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: 108.591 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001527.D

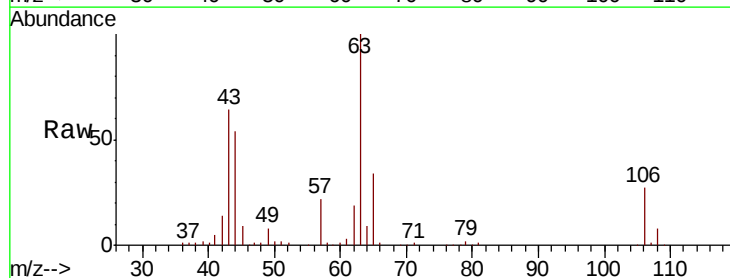
Acq: 06 Feb 2020 13:58

Tgt Ion: 63 Resp: 114101

Ion Ratio Lower Upper

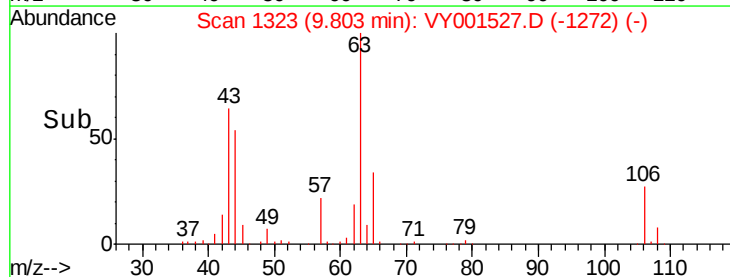
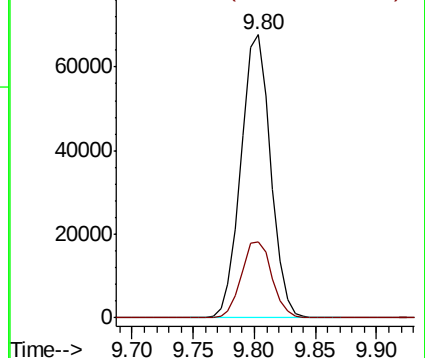
63 100

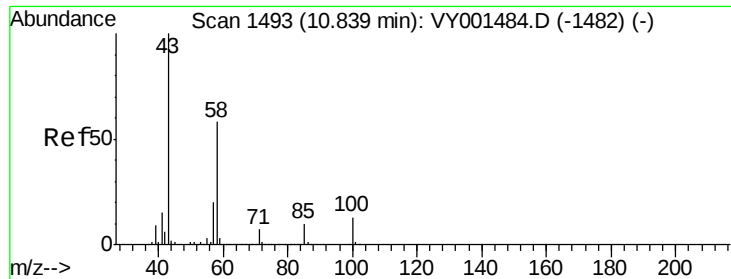
106 27.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

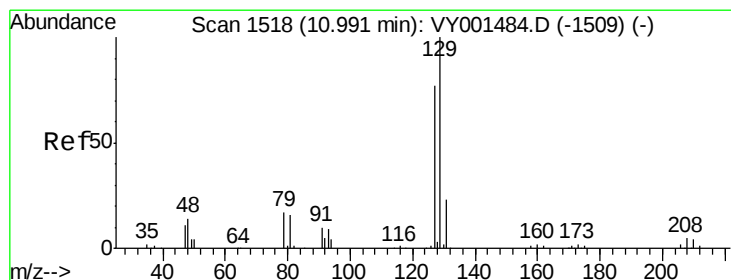
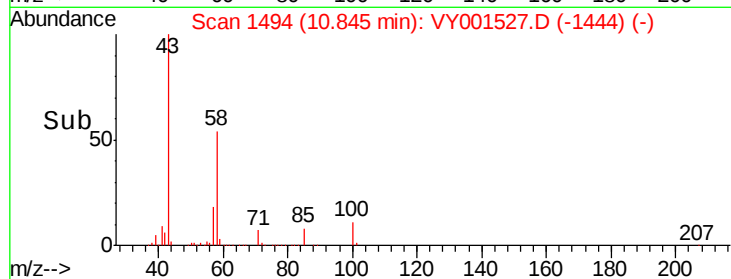
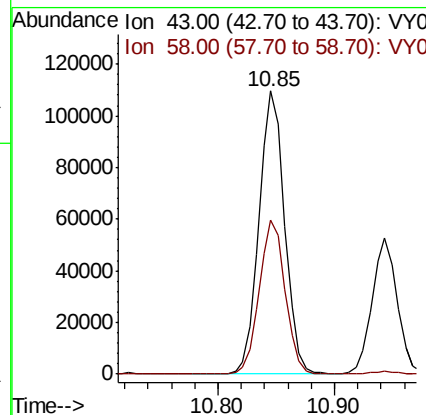
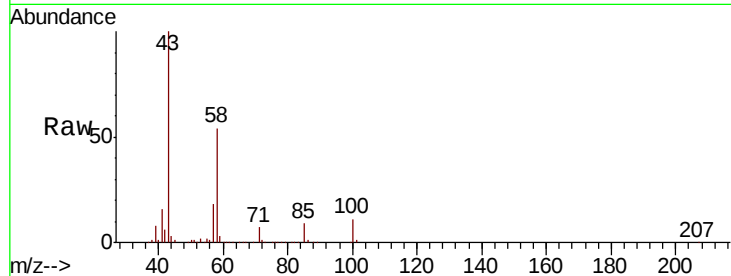




#59
2-Hexanone
Concen: 135.861 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

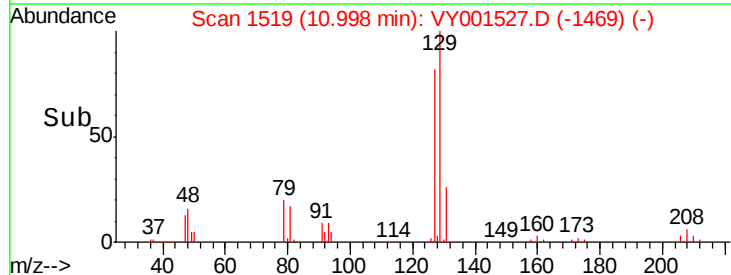
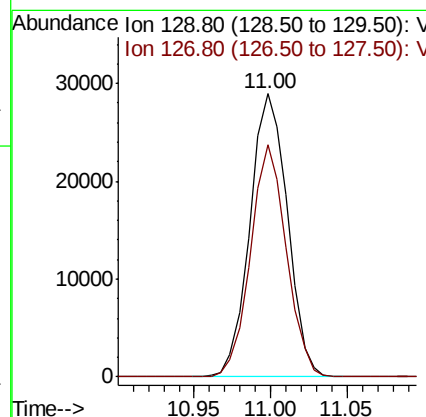
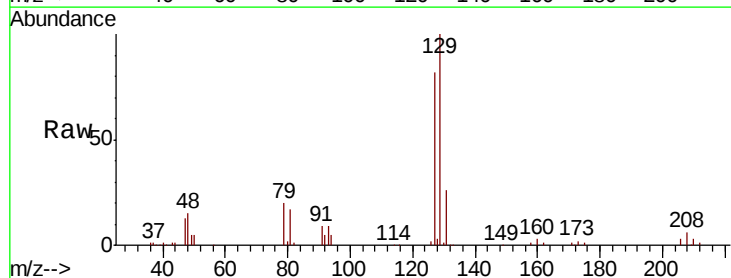
Instrument :
MSVOA_Y
ClientSampled :

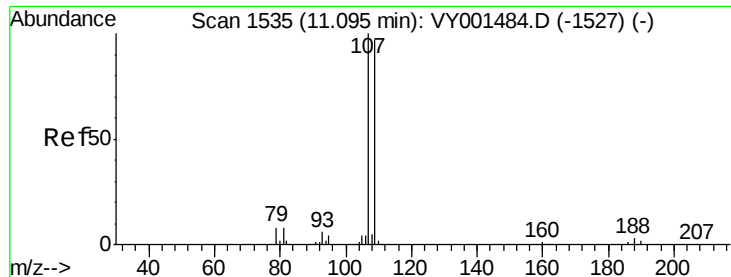
Tot Ion: 43 Resp: 168743
Ion Ratio Lower Upper
43 100
58 55.0 29.0 87.0



#60
Dibromochloromethane
Concen: 20.843 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:129 Resp: 49337
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6

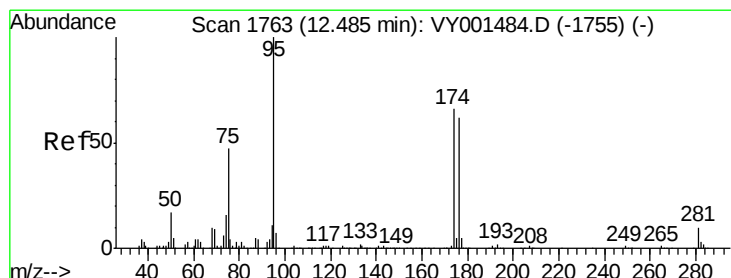
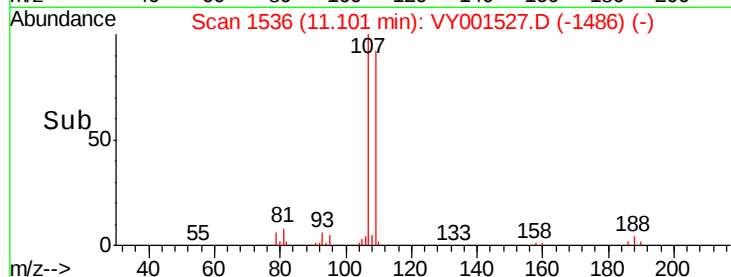
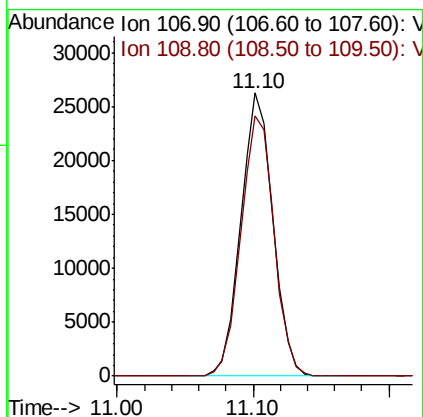
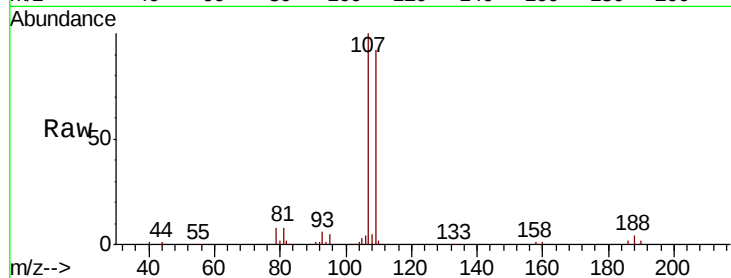




#61
 1,2-Dibromoethane
 Concen: 21.865 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

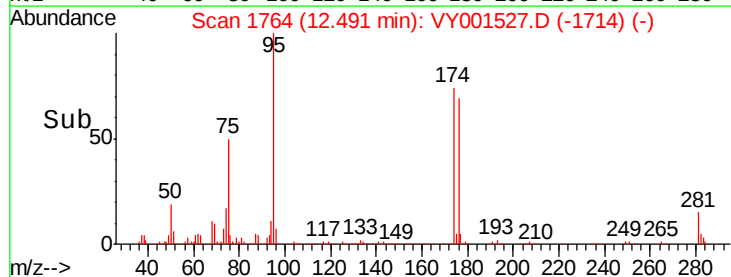
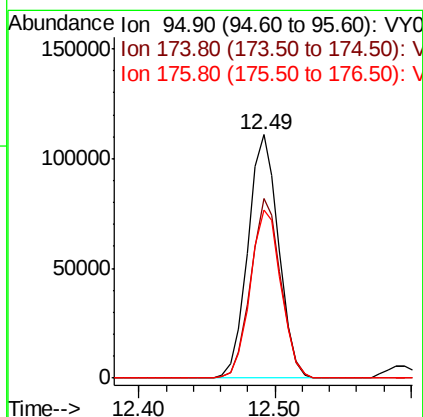
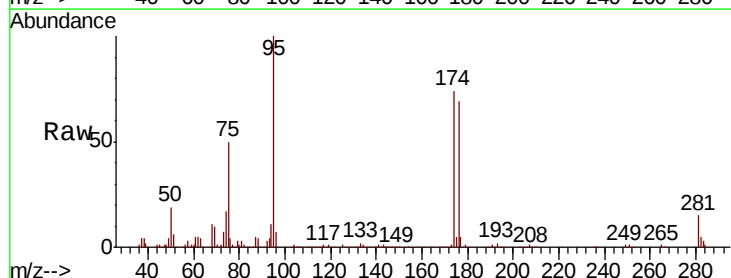
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 43247
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 51.448 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion: 95 Resp: 174923
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 141.4
 176 69.4 0.0 135.4

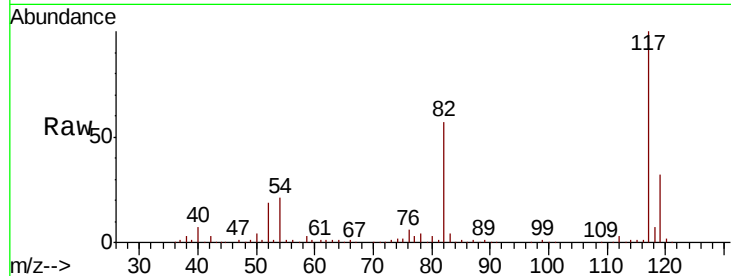




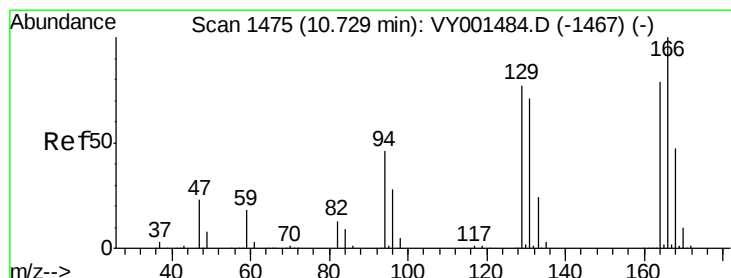
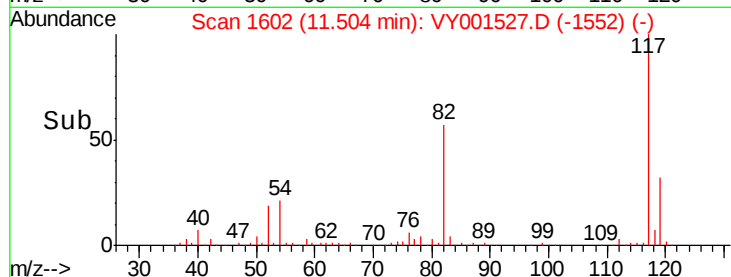
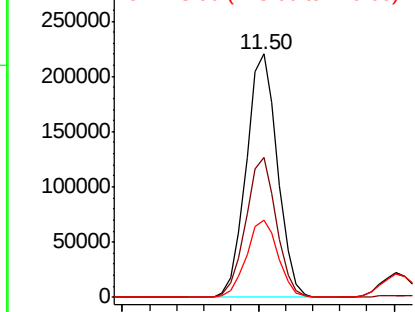
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 354121
Ion Ratio Lower Upper
117 100
82 57.3 46.1 69.1
119 31.8 26.1 39.1

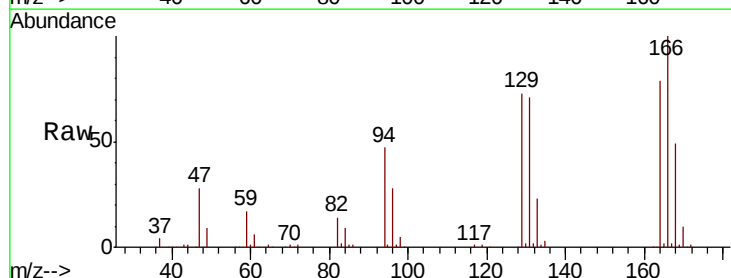


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

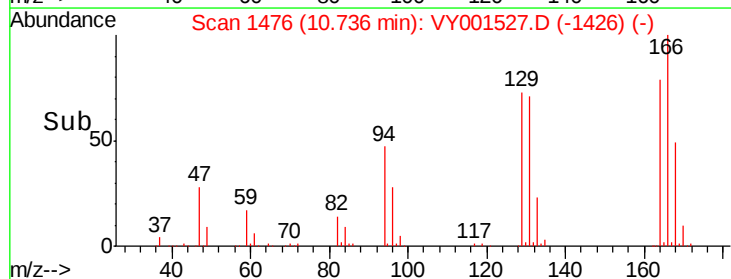
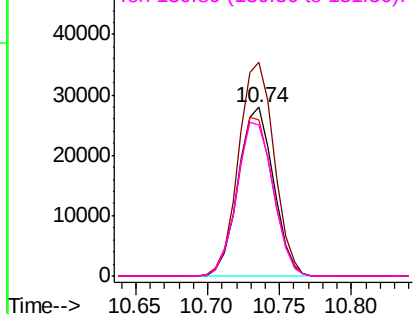


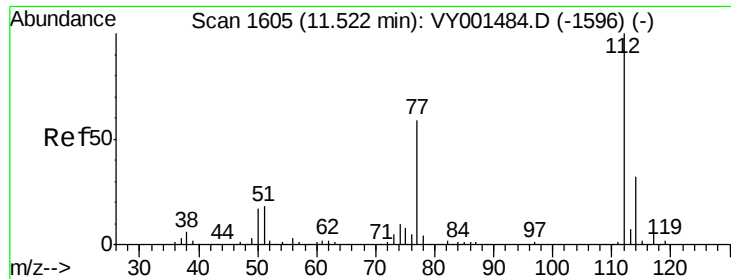
#64
Tetrachloroethene
Concen: 20.458 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:164 Resp: 47511
Ion Ratio Lower Upper
164 100
166 126.4 100.8 151.2
129 92.8 77.8 116.6
131 89.7 72.0 108.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

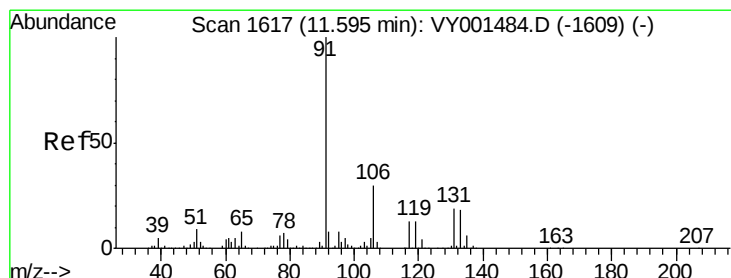
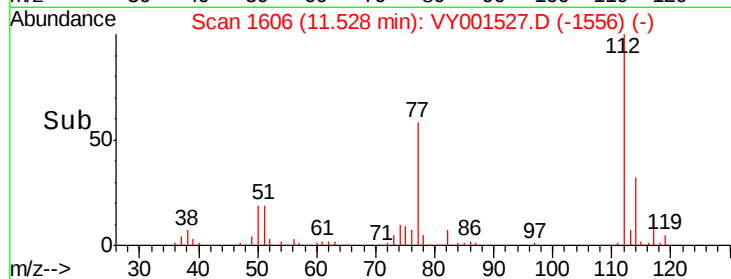
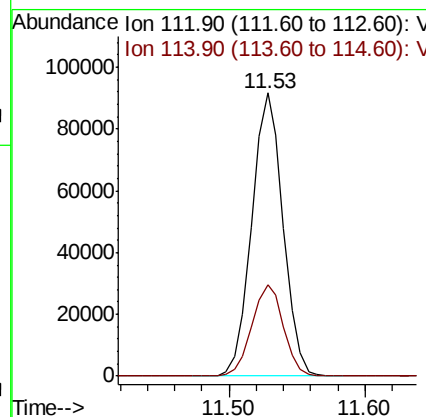
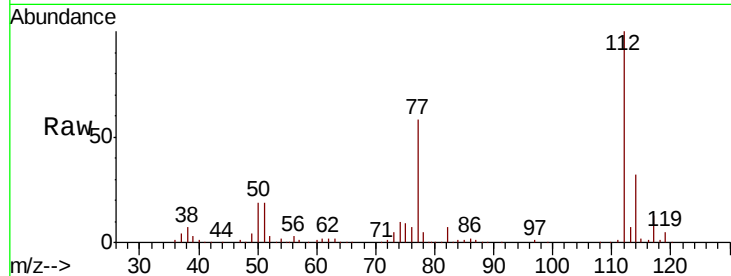




#65
Chlorobenzene
Concen: 21.195 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

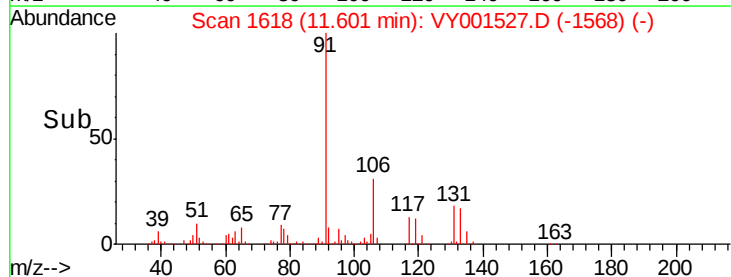
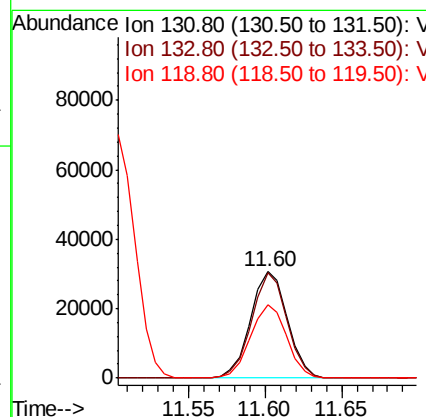
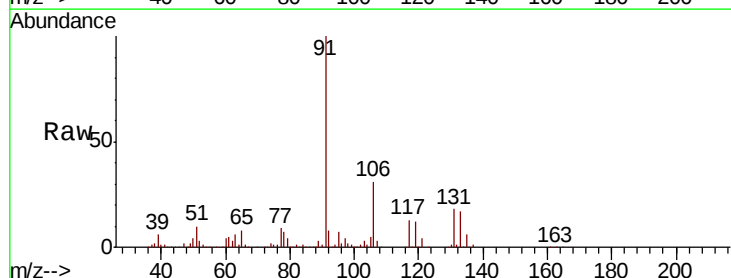
Instrument :
MSVOA_Y
ClientSampled :

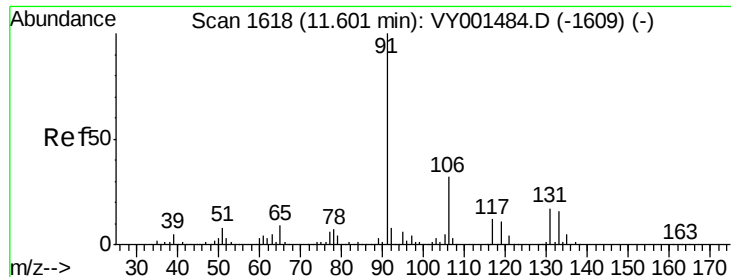
Tot Ion:112 Resp: 147372
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.124 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:131 Resp: 51405
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.8
119 68.0 33.7 101.0

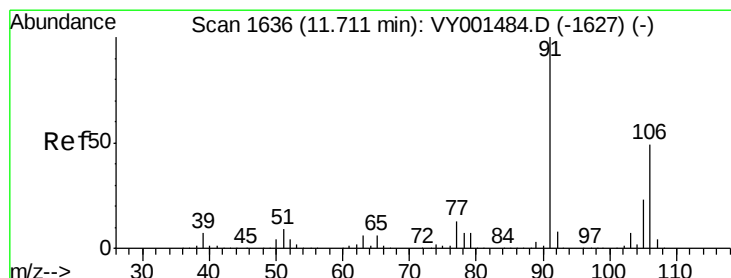
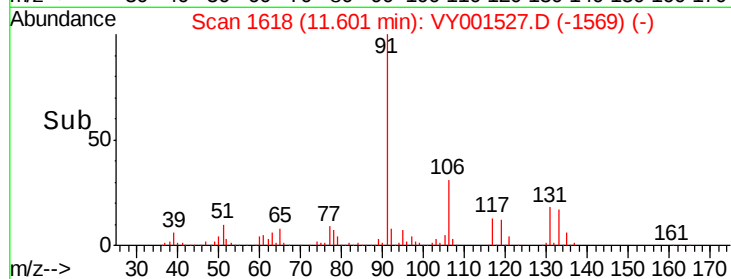
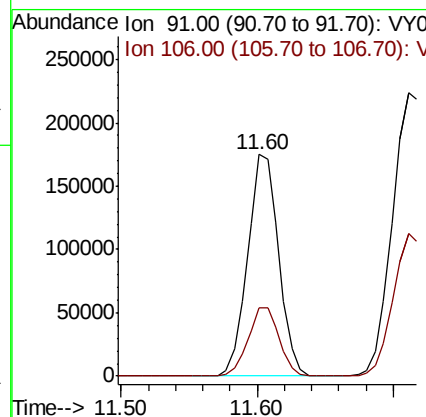
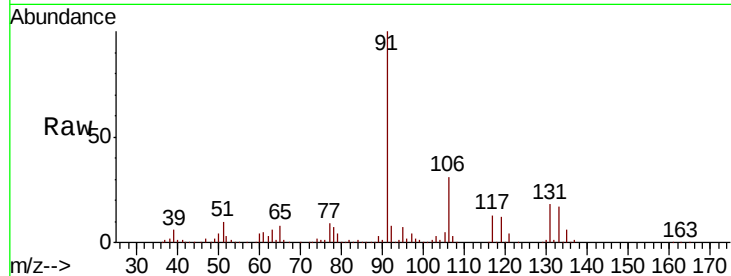




#67
Ethyl Benzene
Concen: 21.701 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

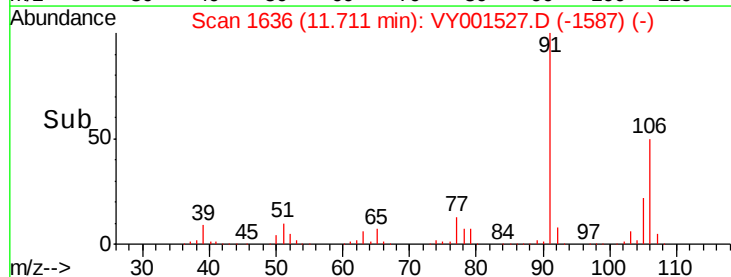
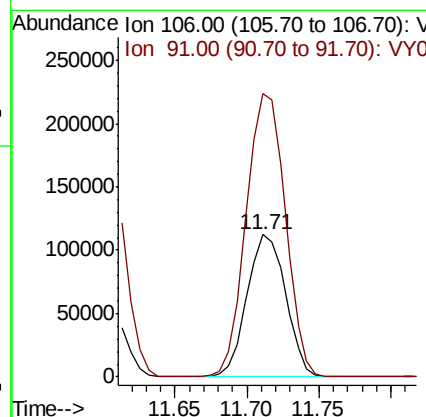
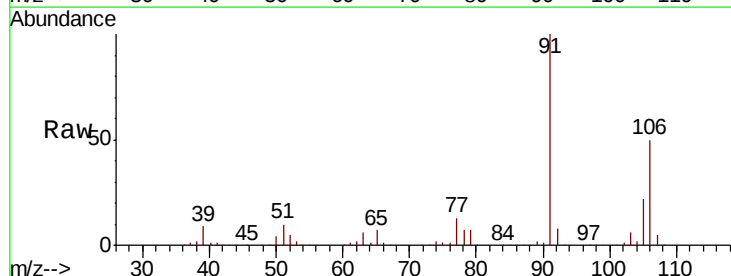
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 278984
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9



#68
m/p-Xylenes
Concen: 43.238 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 106 Resp: 208676
Ion Ratio Lower Upper
106 100
91 202.4 163.6 245.4

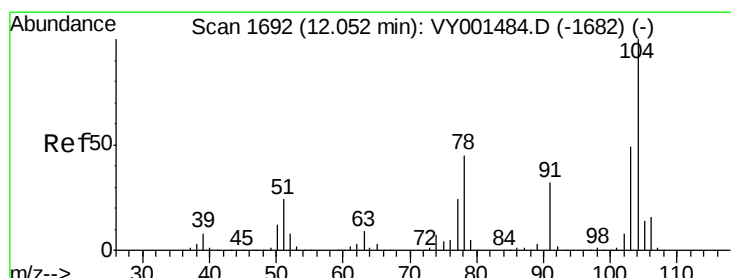
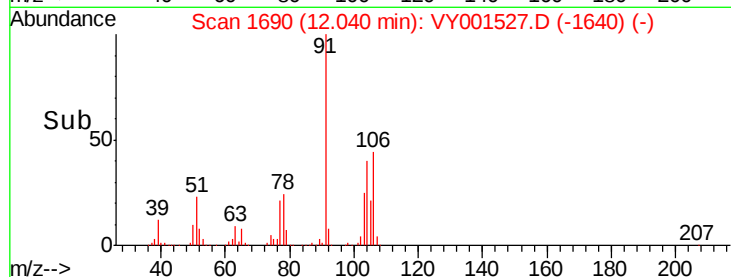
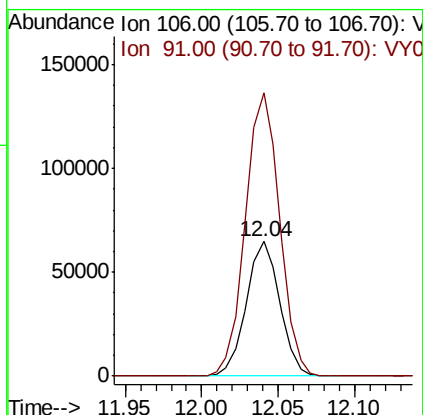
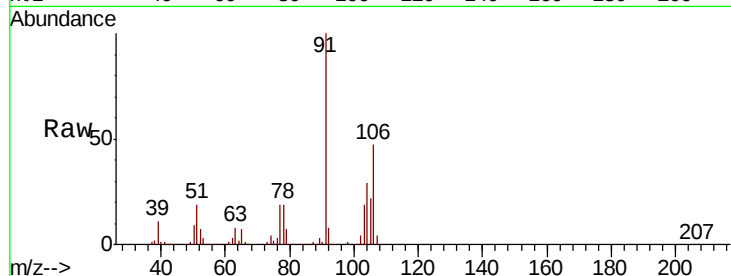




#69
o-Xylene
Concen: 21.639 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

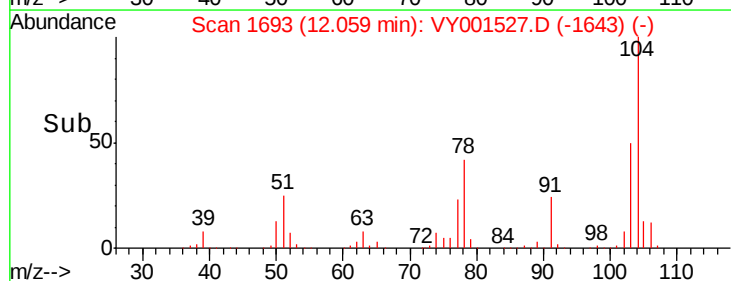
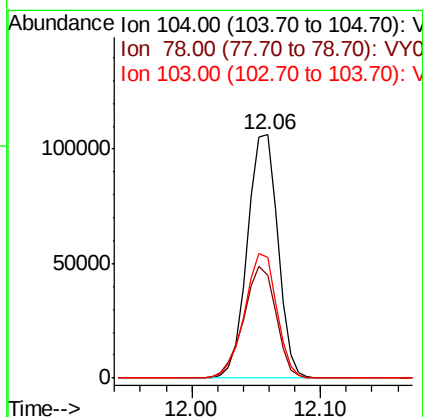
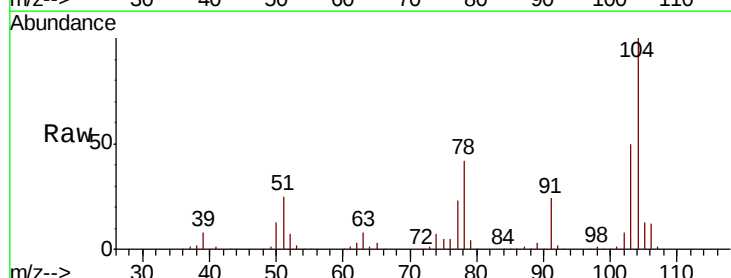
Instrument :
MSVOA_Y
ClientSampled :

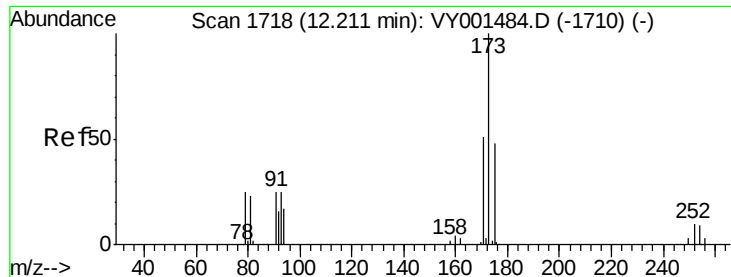
Tot Ion:106 Resp: 98467
Ion Ratio Lower Upper
106 100
91 215.6 106.0 318.0



#70
Styrene
Concen: 21.948 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:104 Resp: 172716
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 54.0 42.8 64.2





#71

Bromoform

Concen: 21.971 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

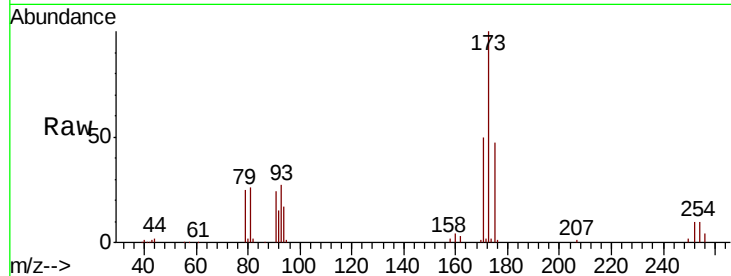
Tot Ion:173 Resp: 29772

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

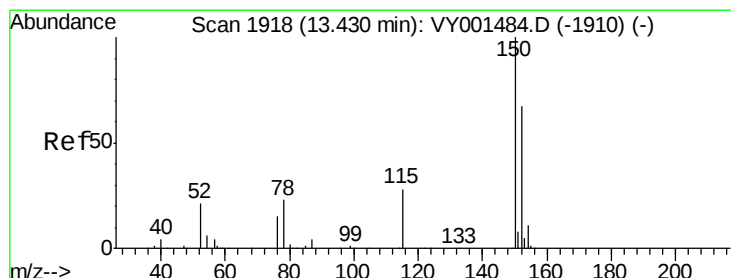
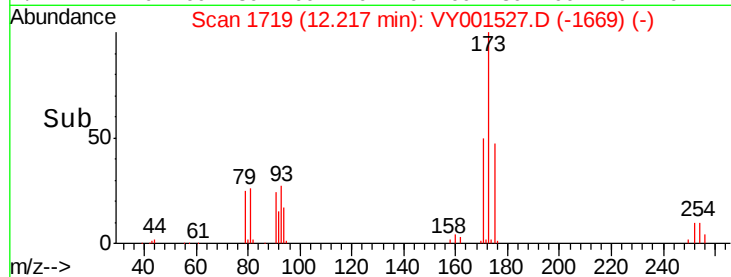
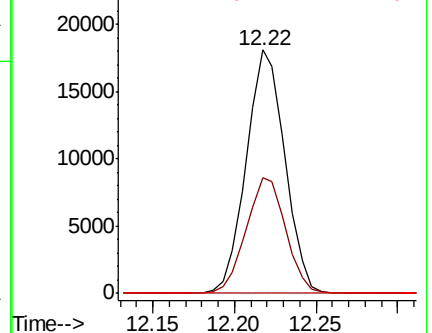
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

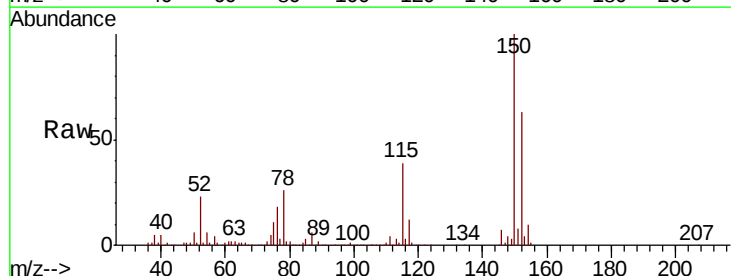
Tgt Ion:152 Resp: 170312

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.3

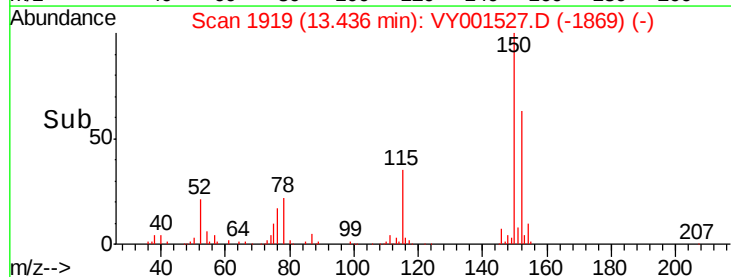
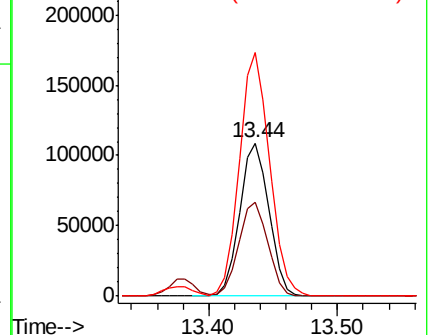
150 164.7 0.0 346.8

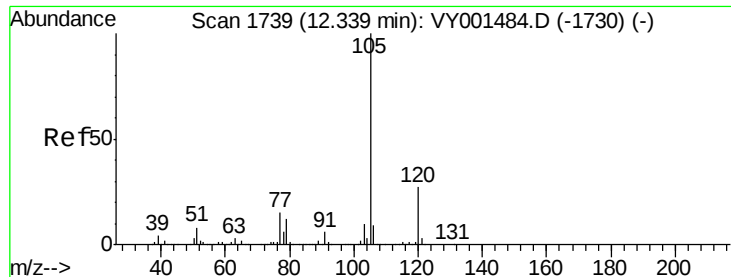


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

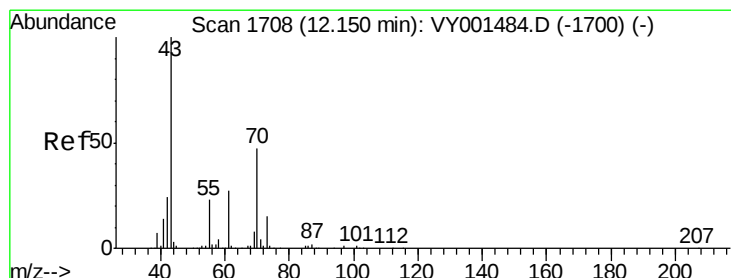
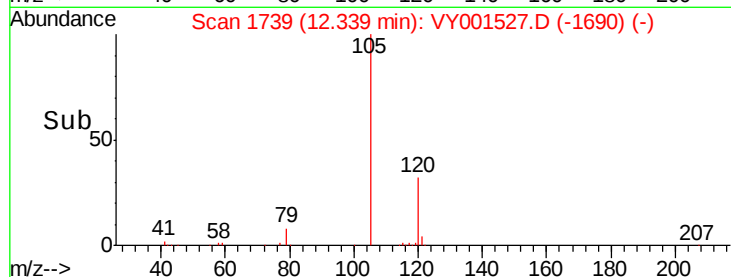
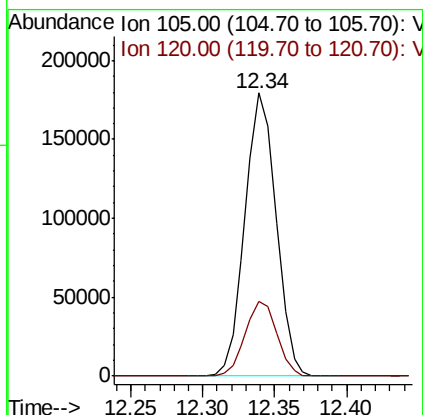
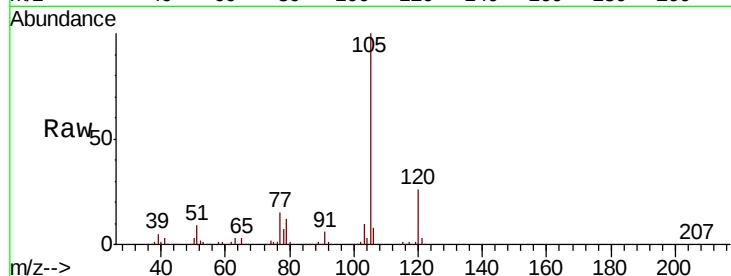




#73
Isopropylbenzene
Concen: 20.693 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

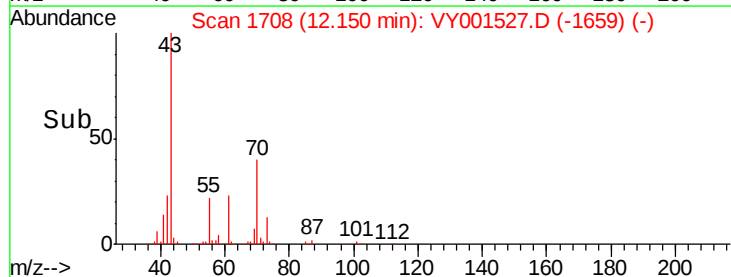
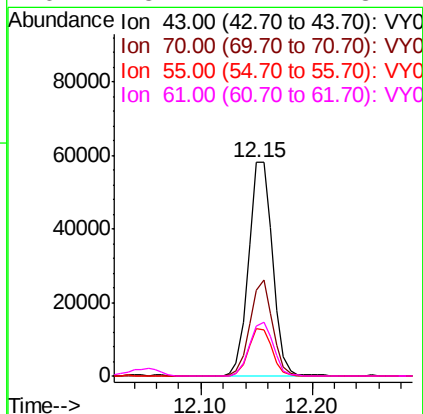
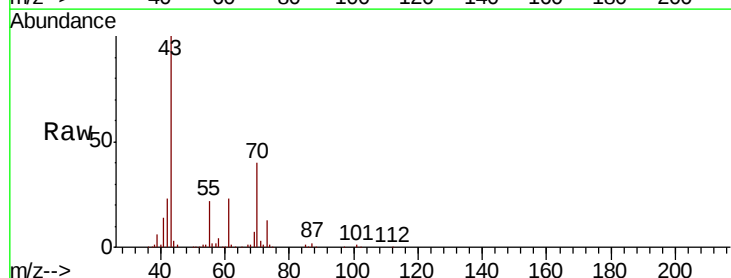
Instrument :
MSVOA_Y
ClientSampleId :

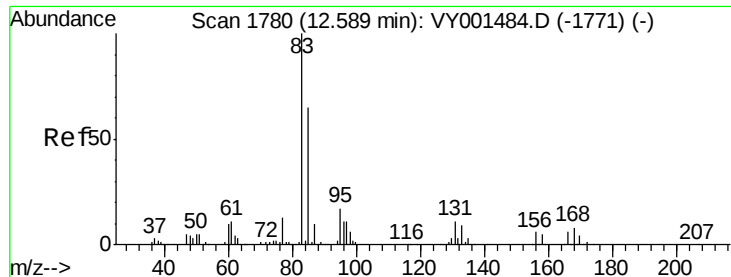
Tot Ion:105 Resp: 268792
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 25.786 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 43 Resp: 87036
Ion Ratio Lower Upper
43 100
70 42.2 37.2 55.8
55 21.8 18.8 28.2
61 25.2 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 23.256 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

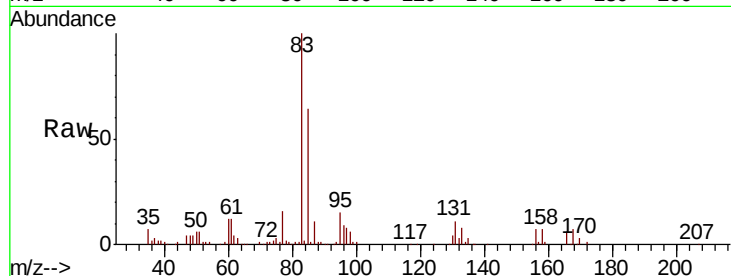
Tot Ion: 83 Resp: 57392

Ion Ratio Lower Upper

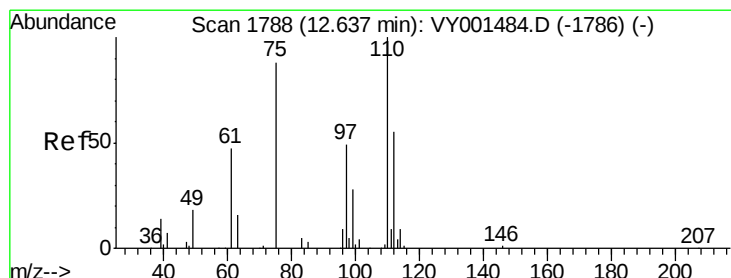
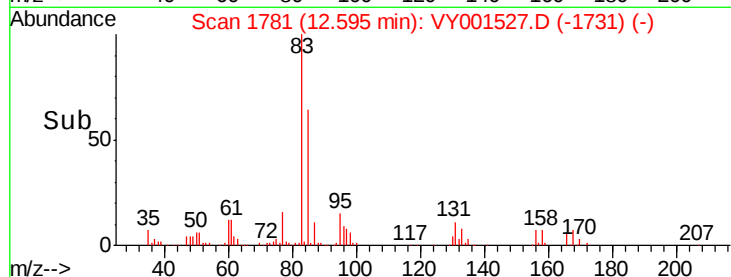
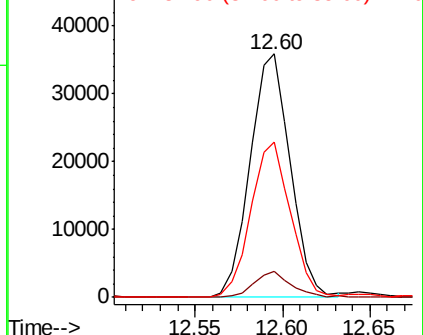
83 100

131 9.7 5.4 16.2

85 62.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 40.446 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001527.D

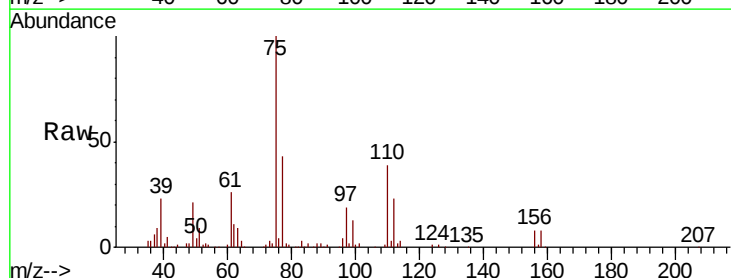
Acq: 06 Feb 2020 13:58

Tgt Ion: 75 Resp: 74079

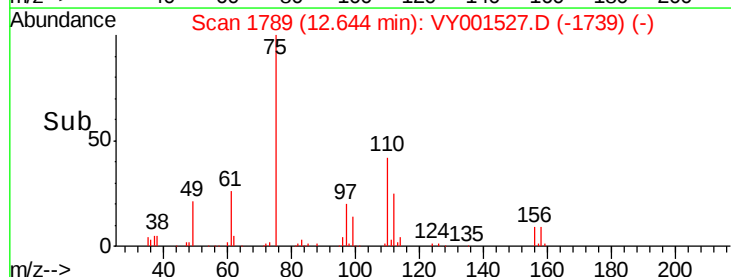
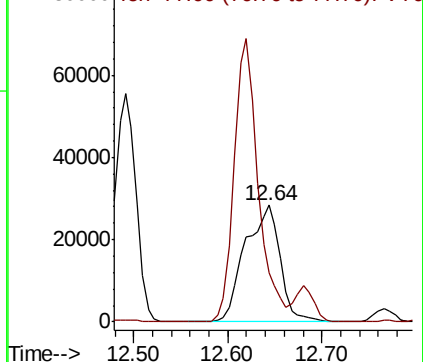
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.914 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampled :

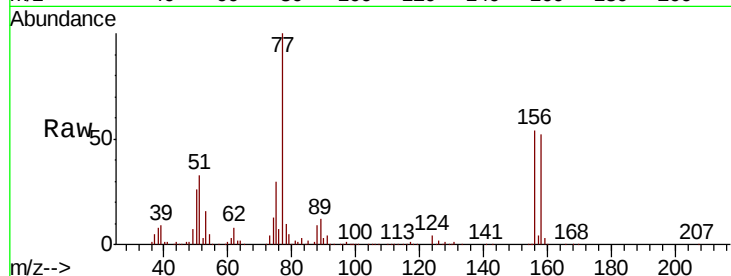
Tot Ion:156 Resp: 58791

Ion Ratio Lower Upper

156 100

77 208.7 99.8 299.3

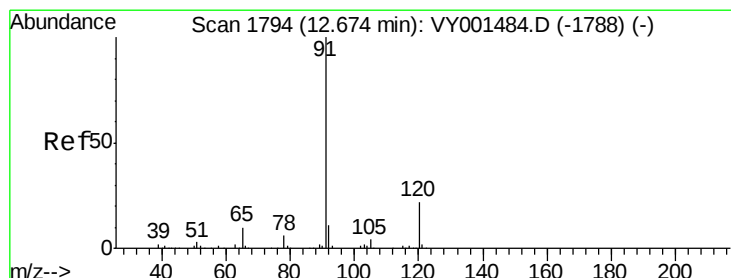
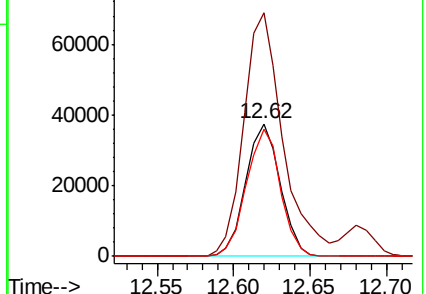
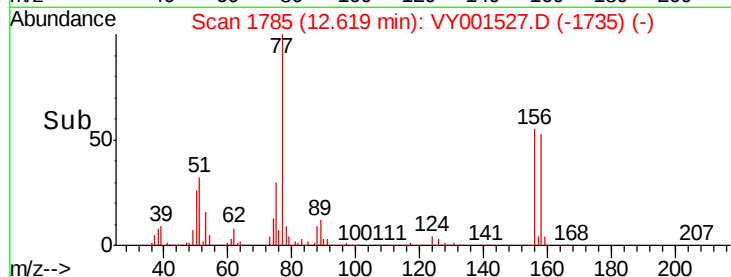
158 94.8 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.054 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001527.D

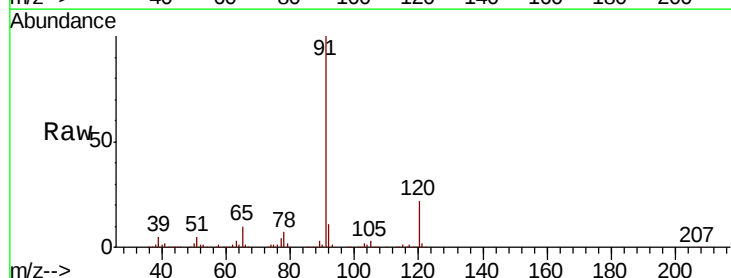
Acq: 06 Feb 2020 13:58

Tgt Ion: 91 Resp: 327395

Ion Ratio Lower Upper

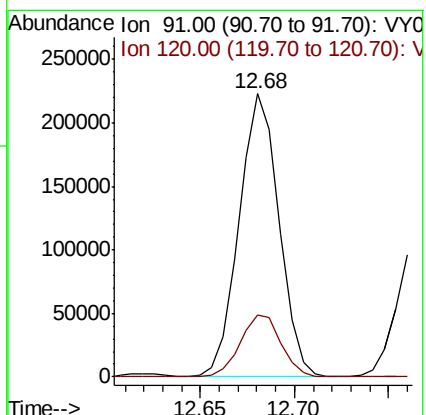
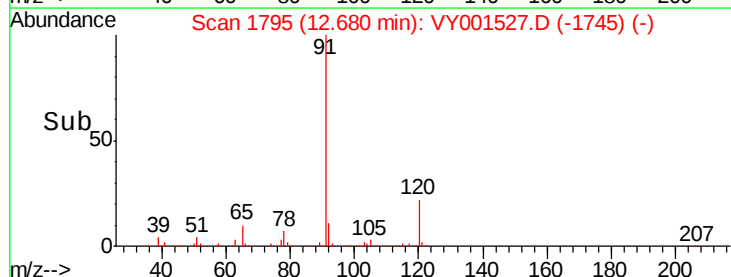
91 100

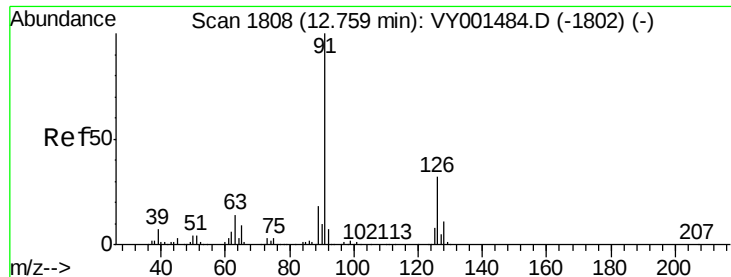
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.676 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

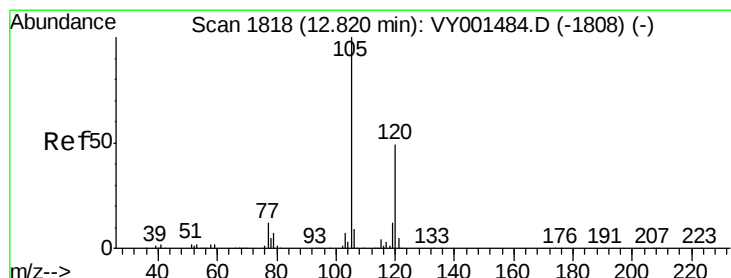
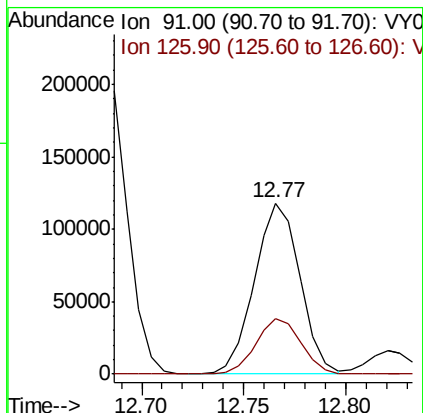
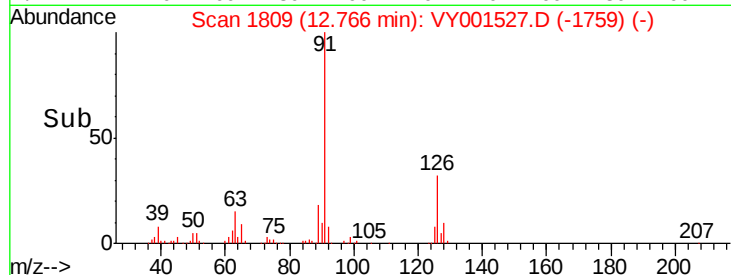
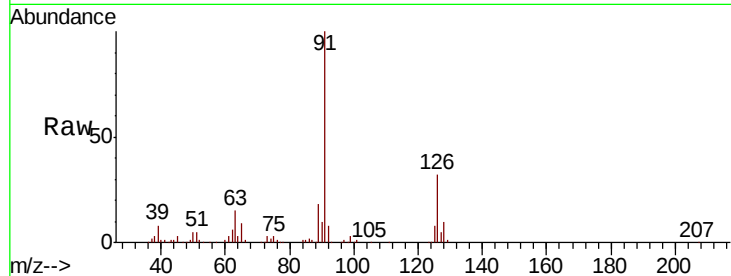
ClientSampleId :

Tot Ion: 91 Resp: 183270

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 20.430 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001527.D

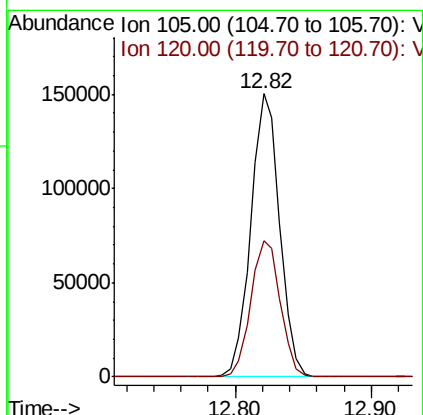
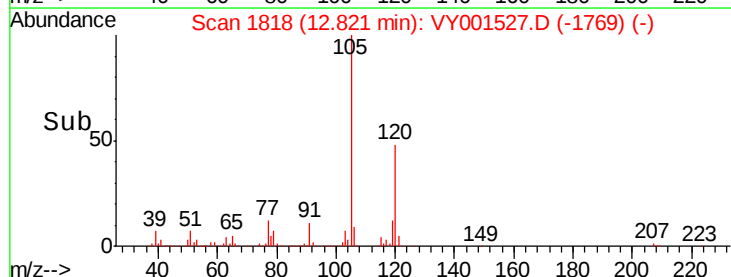
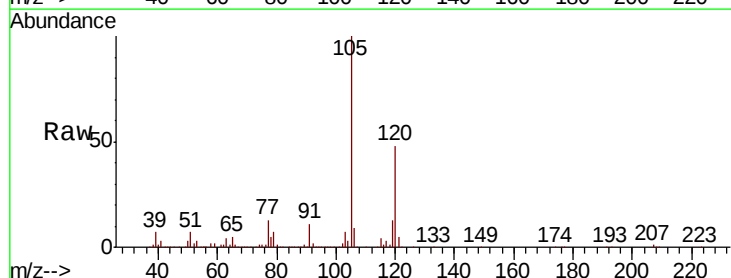
Acq: 06 Feb 2020 13:58

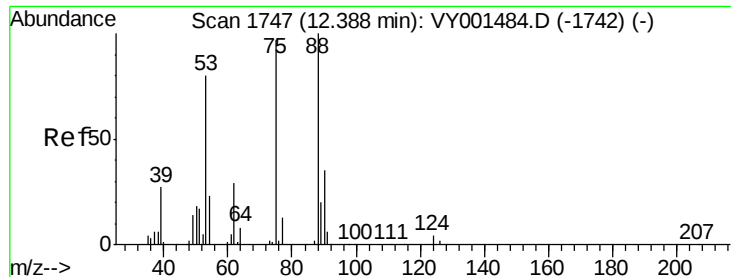
Tgt Ion: 105 Resp: 223493

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.2

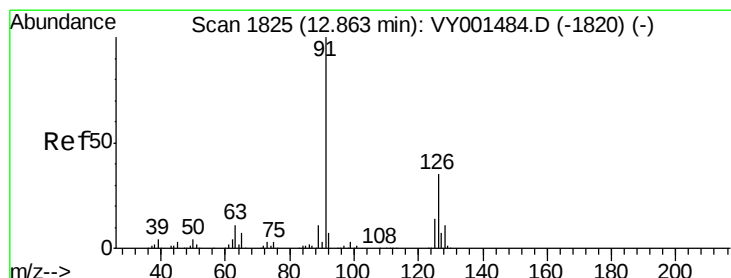
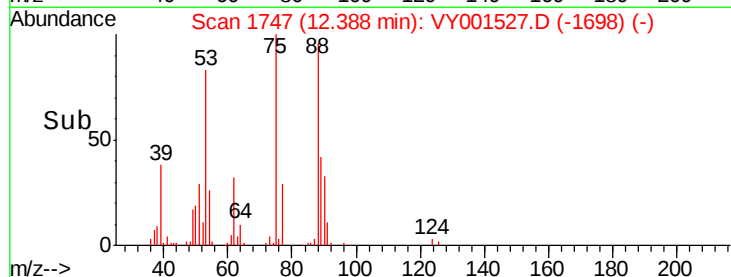
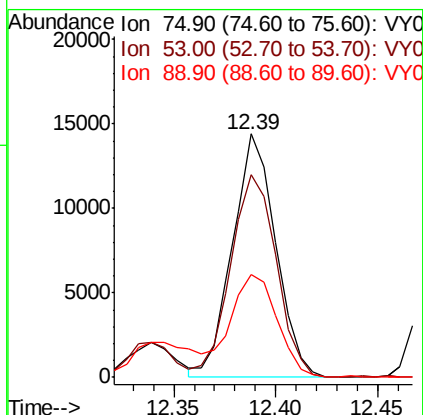
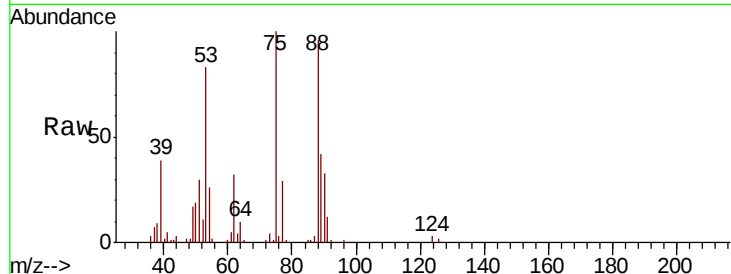




#81
trans-1,4-Dichloro-2-butene
Concen: 22.433 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

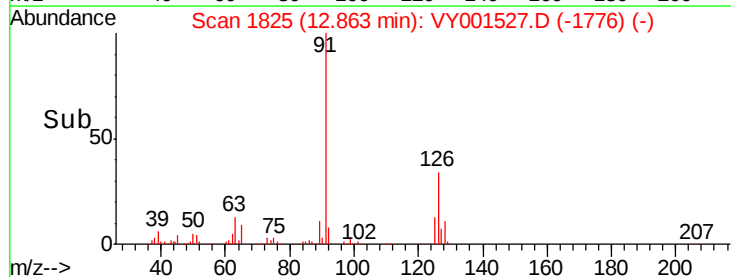
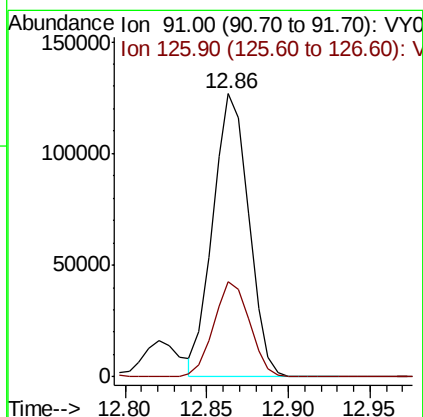
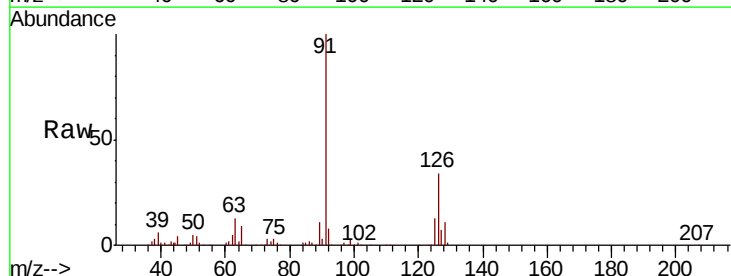
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 21234
Ion Ratio Lower Upper
75 100
53 87.9 67.7 101.5
89 46.1 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.874 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion: 91 Resp: 193991
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

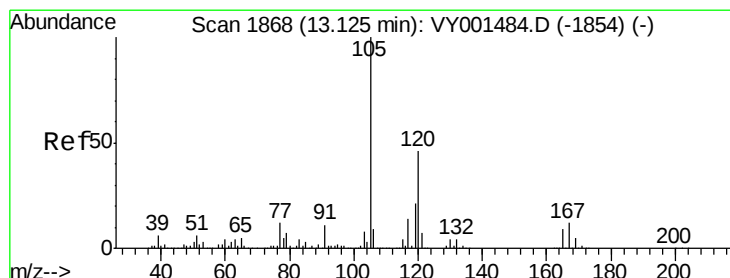
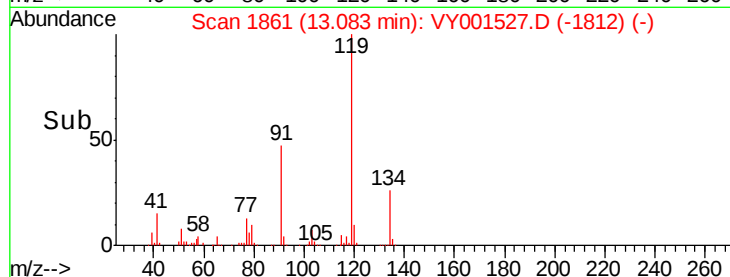
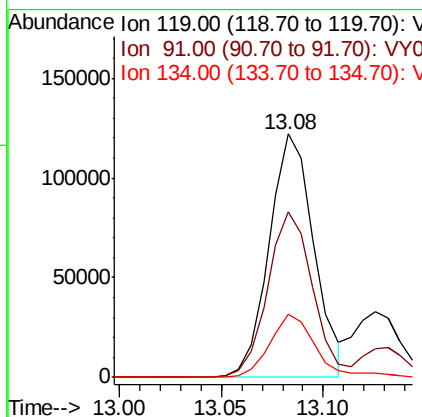
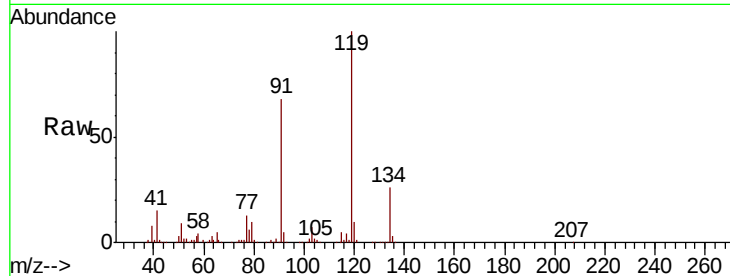




#83
tert-Butylbenzene
Concen: 20.221 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

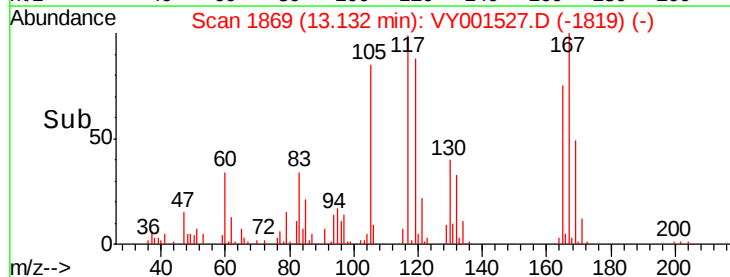
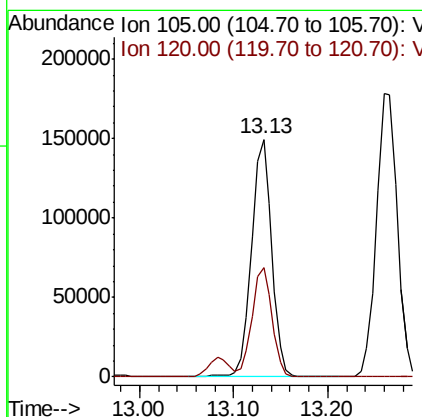
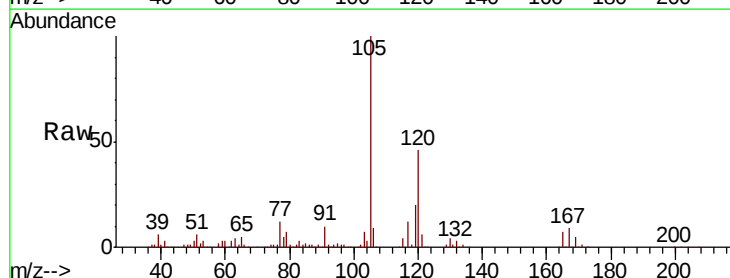
Instrument :
MSVOA_Y
ClientSampleId :

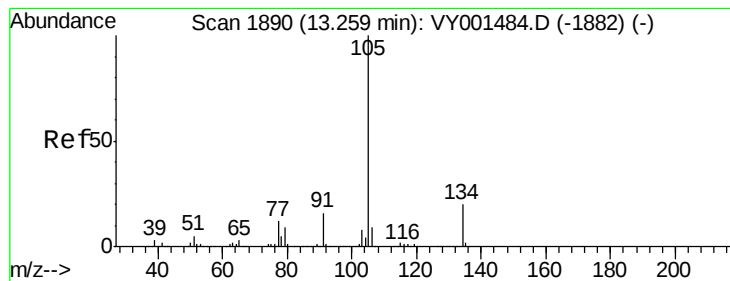
Tot Ion:119 Resp: 186973
Ion Ratio Lower Upper
119 100
91 68.3 33.1 99.3
134 26.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.820 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion:105 Resp: 225424
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.979 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

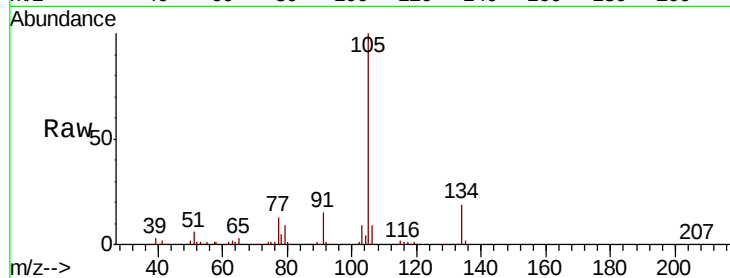
ClientSampleId :

Tot Ion:105 Resp: 272734

Ion Ratio Lower Upper

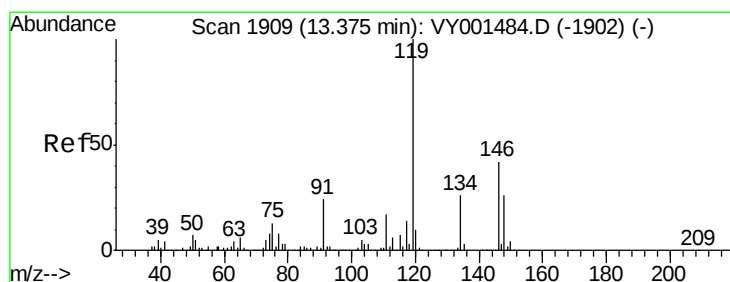
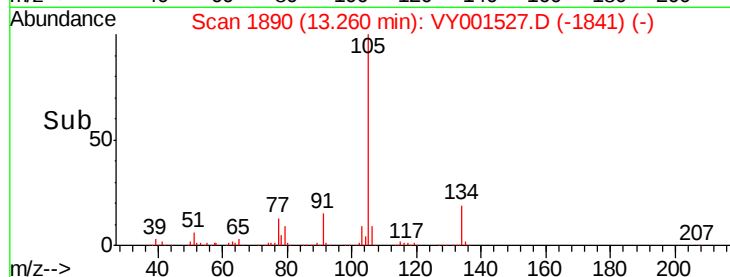
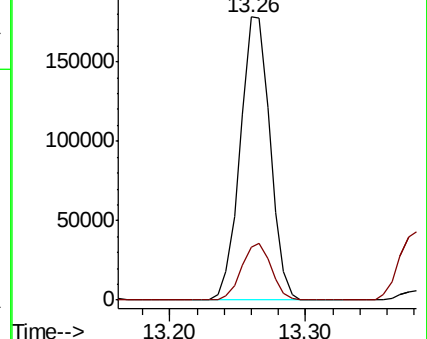
105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.335 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

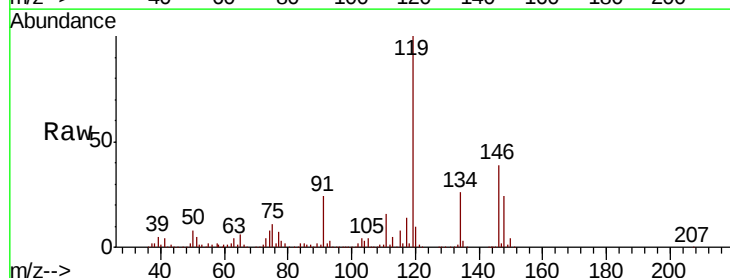
Tgt Ion:119 Resp: 244425

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

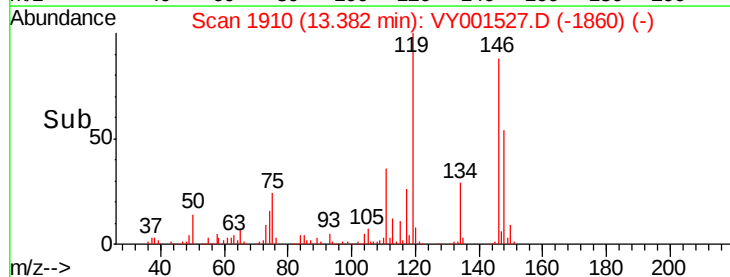
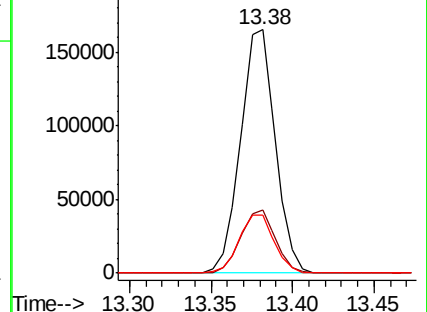
91 24.5 12.2 36.6

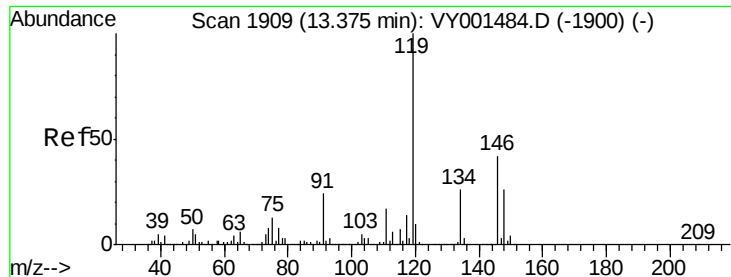


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

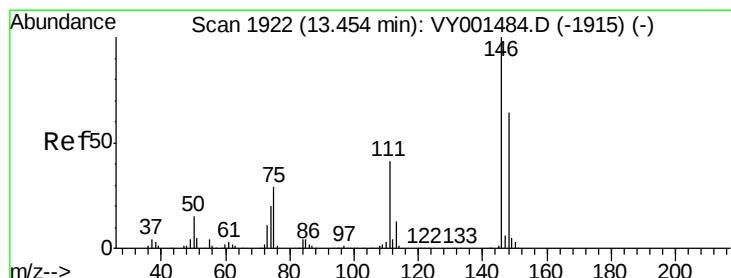
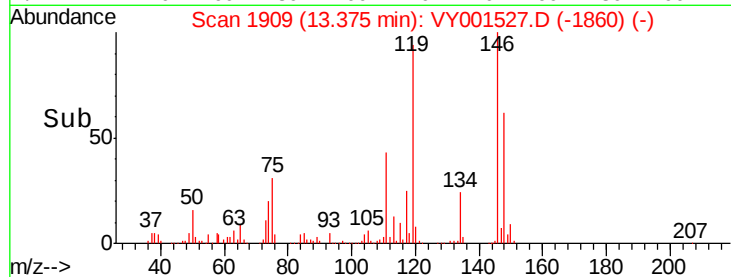
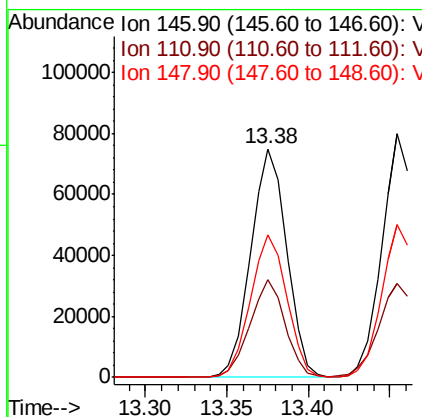
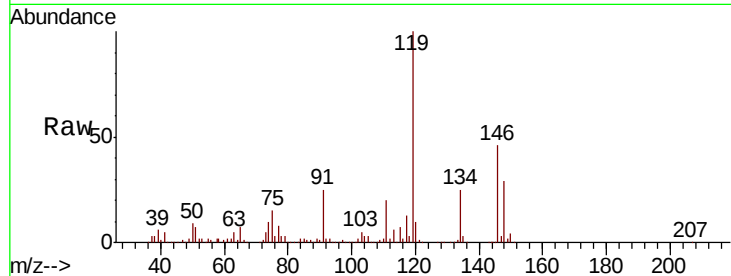




#87
 1,3-Dichlorobenzene
 Concen: 21.361 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

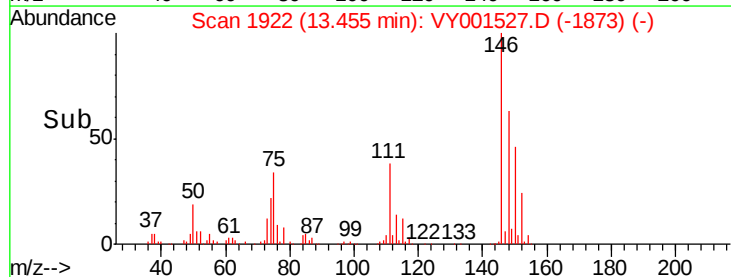
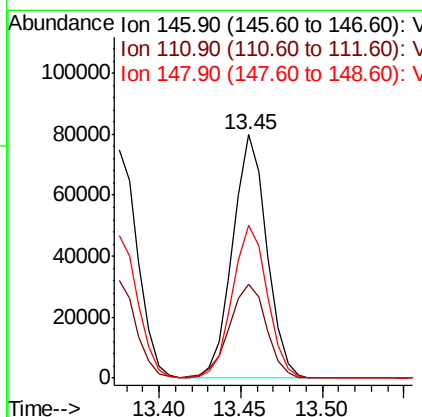
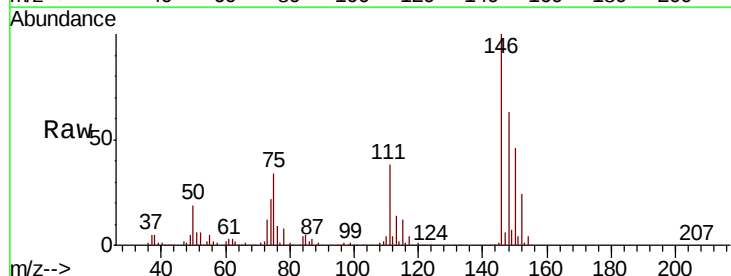
Instrument :
 MSVOA_Y
 ClientSampled :

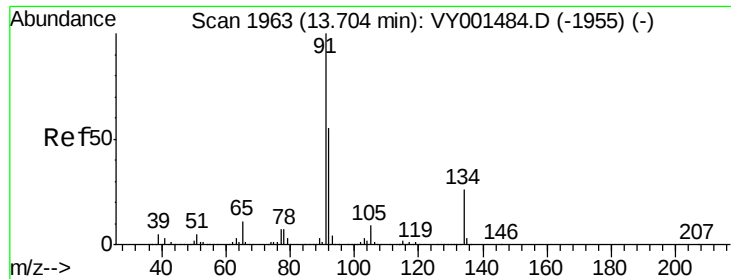
Tot Ion:146 Resp: 115076
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.3 63.9
 148 63.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 21.566 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion:146 Resp: 116391
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.513 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001527.D

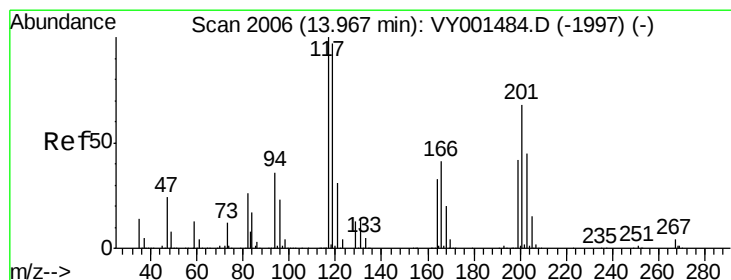
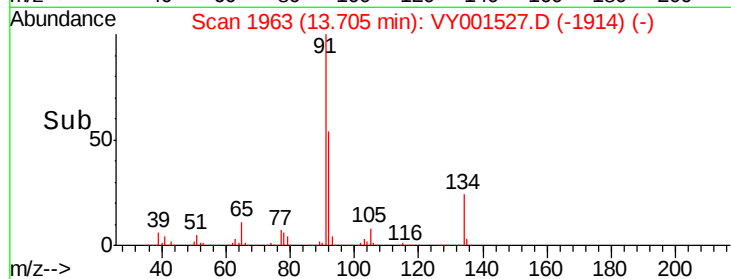
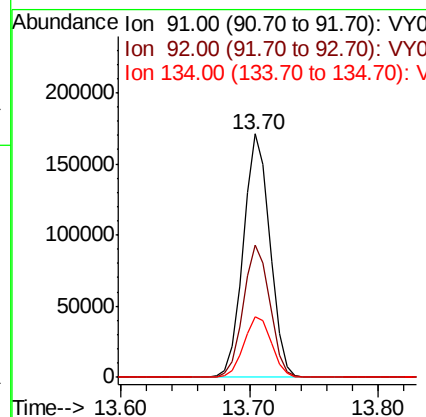
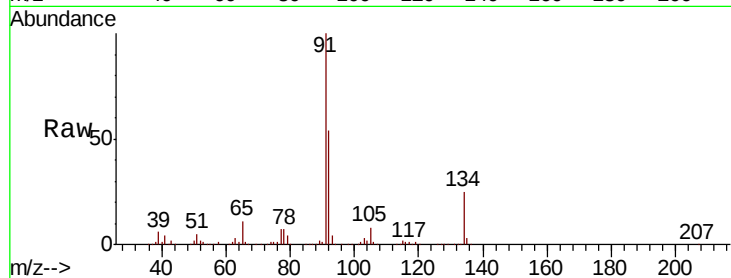
Acq: 06 Feb 2020 13:58

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:	91	Resp:	243177
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.3	81.9
134	25.7	13.0	38.9



#90

Hexachloroethane

Concen: 20.721 ug/l

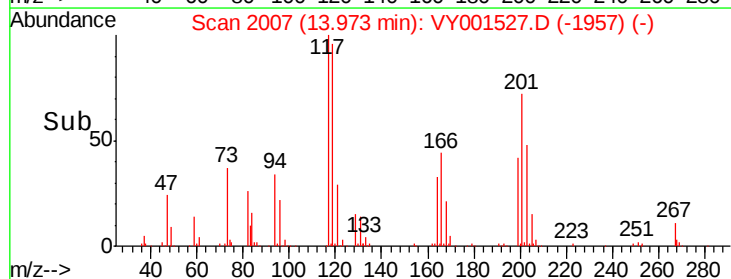
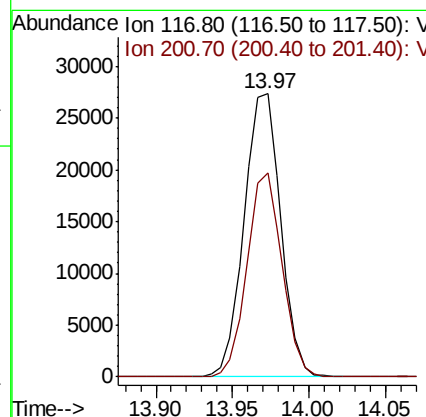
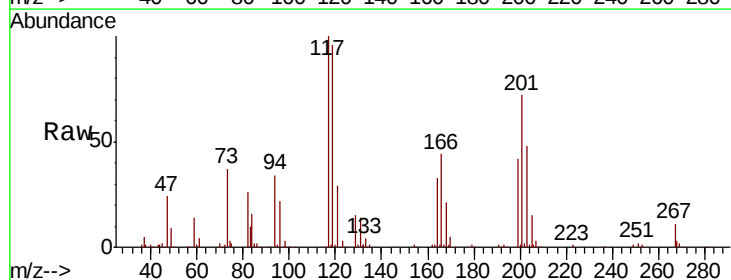
RT: 13.97 min Scan# 2007

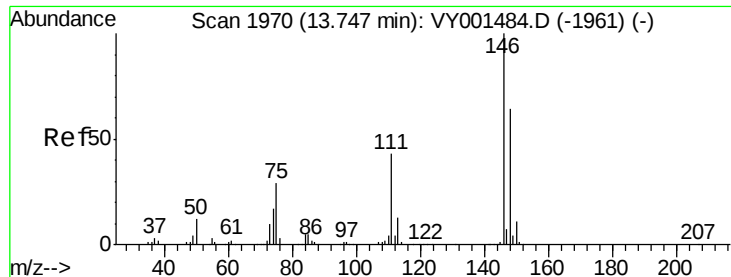
Delta R.T. 0.01 min

Lab File: VY001527.D

Acq: 06 Feb 2020 13:58

Tgt Ion:	117	Resp:	45564
Ion	Ratio	Lower	Upper
117	100		
201	68.9	34.1	102.3

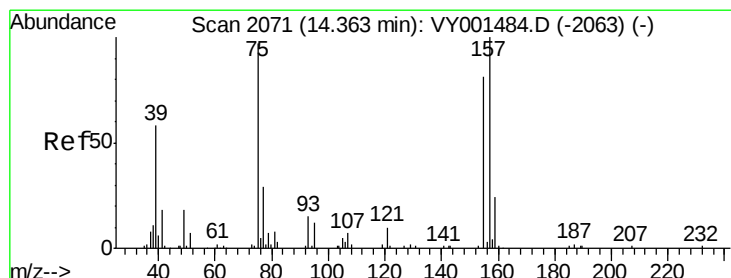
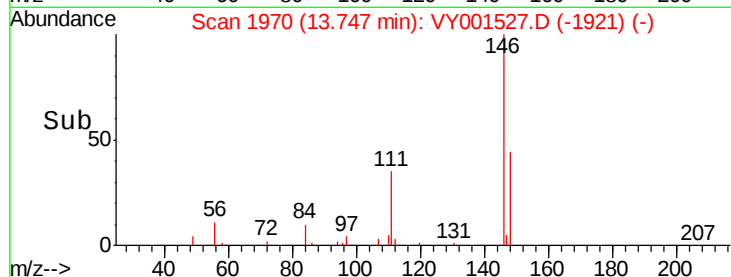
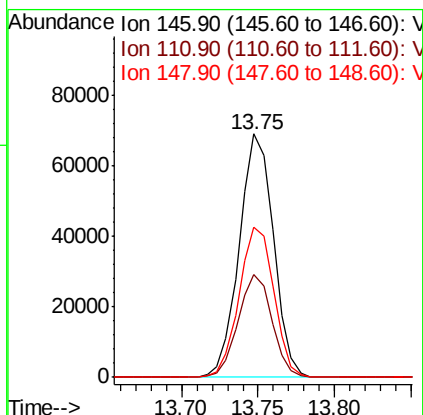
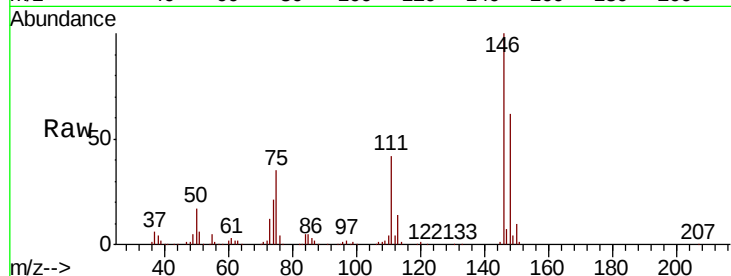




#91
 1,2-Dichlorobenzene
 Concen: 22.085 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

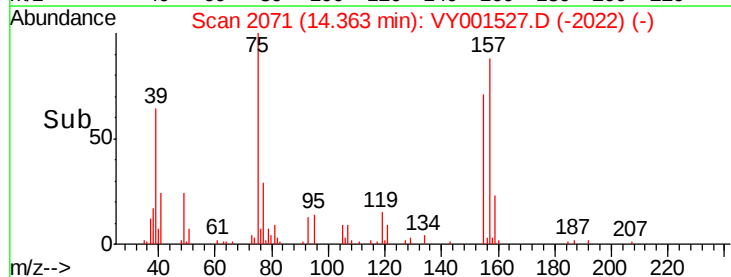
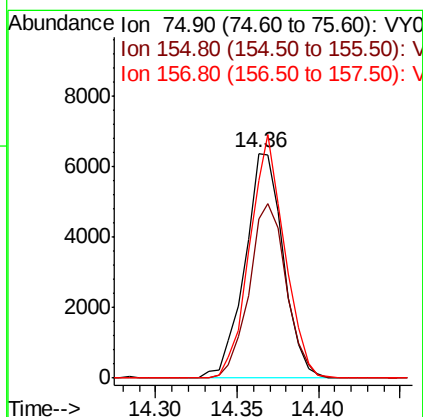
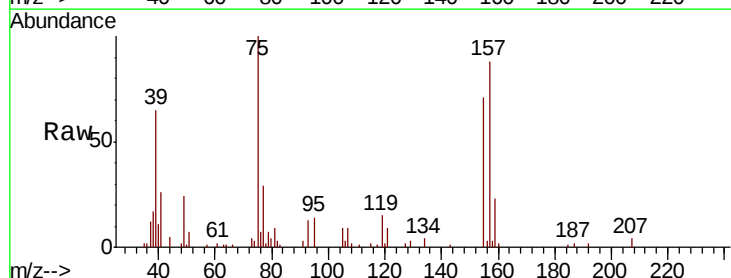
Instrument :
 MSVOA_Y
 ClientSampleId :

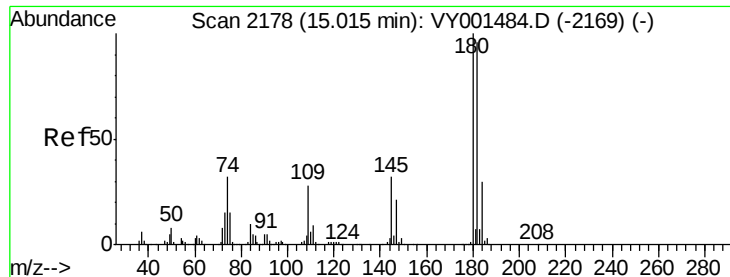
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.9	65.8
148	62.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.911 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.8	40.7	122.1
157	97.9	52.3	157.1

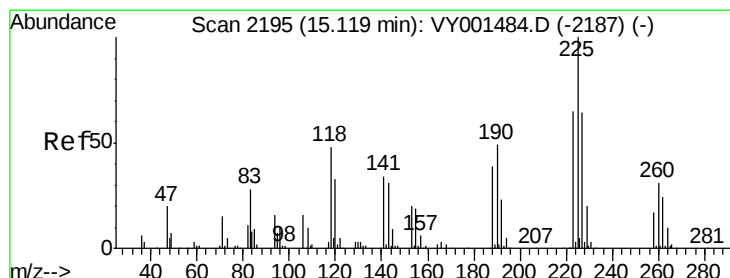
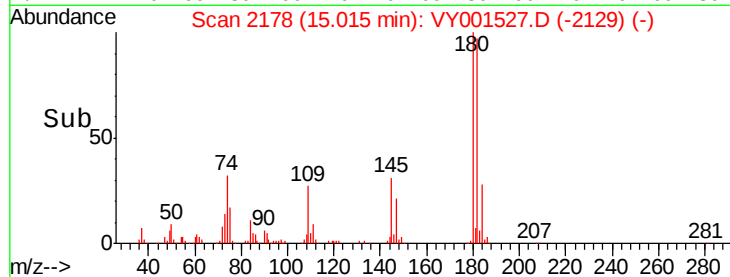
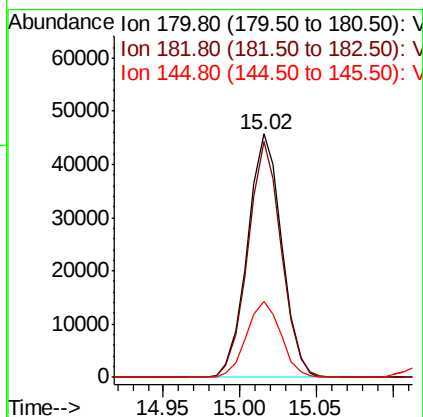
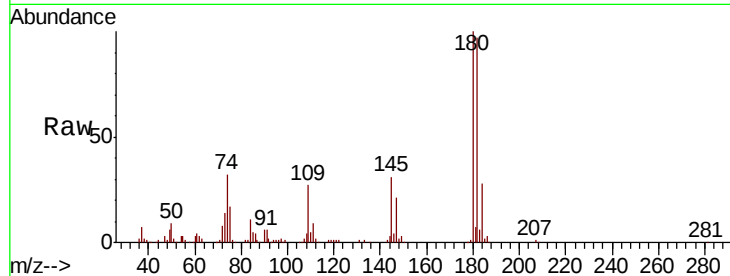




#93
 1,2,4-Trichlorobenzene
 Concen: 21.673 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

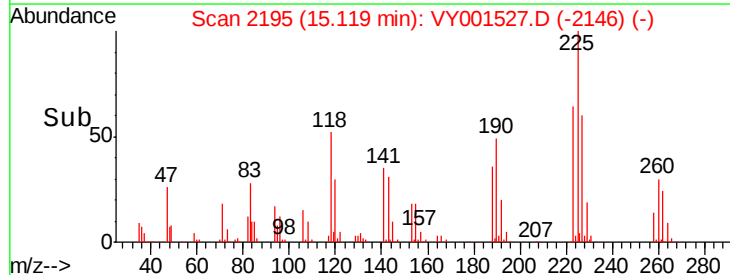
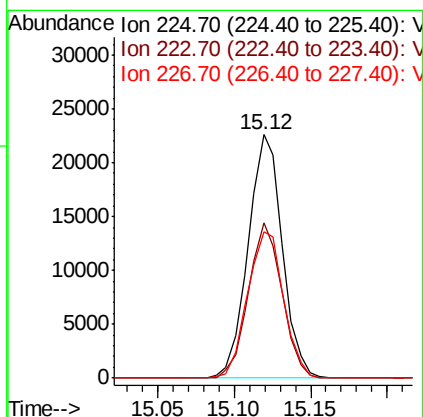
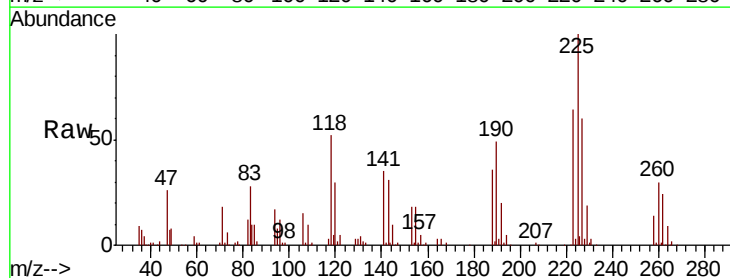
Instrument :
 MSVOA_Y
 ClientSampleId :

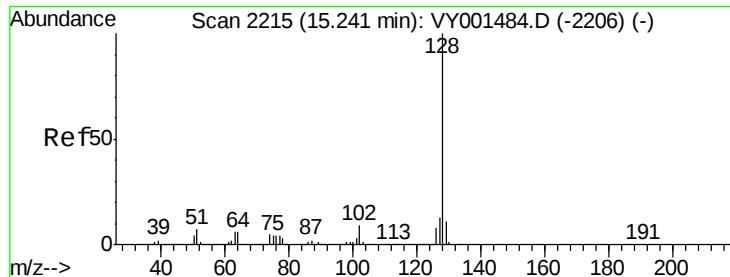
Tot Ion:180 Resp: 71303
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.7
 145 31.1 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 20.962 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001527.D
 Acq: 06 Feb 2020 13:58

Tgt Ion:225 Resp: 35001
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.7
 227 63.4 32.6 97.7

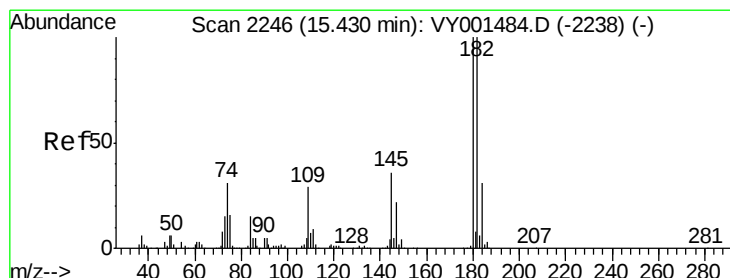
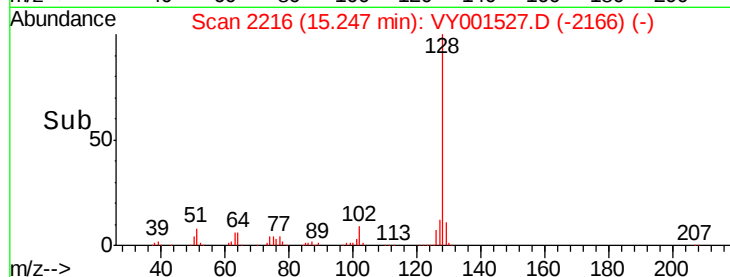
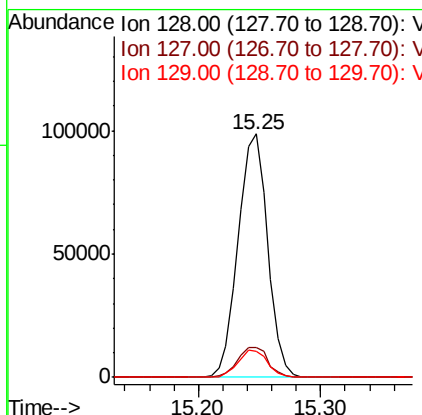
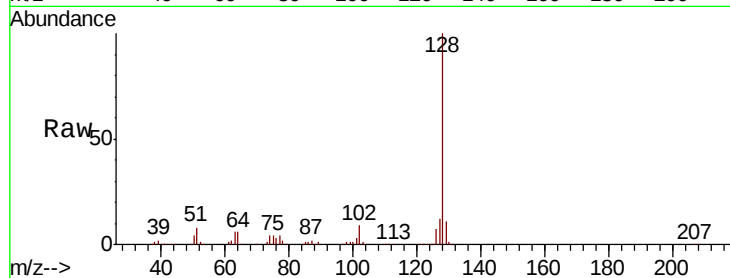




#95
Naphthalene
Concen: 21.360 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.698 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001527.D
Acq: 06 Feb 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	33.5	17.8	53.5

