

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001524.D
 Acq On : 06 Feb 2020 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:04:56 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	232414	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	408763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	366250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	176374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	116730	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.75	113	108733	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	10.20	98	440310	49.37	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.49	95	165170	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	91634	40.278	ug/l 98
3) Chloromethane	2.13	50	118163	49.694	ug/l 96
4) Vinyl Chloride	2.27	62	125301	50.750	ug/l 98
5) Bromomethane	2.67	94	80903	52.103	ug/l 100
6) Chloroethane	2.82	64	76345	51.299	ug/l 98
7) Trichlorofluoromethane	3.15	101	161645	39.553	ug/l 97
8) Diethyl Ether	3.56	74	60566	43.917	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	3.93	101	102130	41.534	ug/l 99
10) Methyl Iodide	4.13	142	129988	41.487	ug/l 98
11) Tert butyl alcohol	5.00	59	57308	212.740	ug/l 99
12) 1,1-Dichloroethene	3.91	96	103335	42.289	ug/l 98
13) Acrolein	3.76	56	61472	277.428	ug/l 99
14) Allyl chloride	4.52	41	180826	48.375	ug/l 97
15) Acrylonitrile	5.21	53	160495	253.855	ug/l 99
16) Acetone	3.98	43	174499	257.795	ug/l 93
17) Carbon Disulfide	4.23	76	341329	43.879	ug/l 100
18) Methyl Acetate	4.52	43	72326	50.071	ug/l 95
19) Methyl tert-butyl Ether	5.27	73	285328	43.908	ug/l 96
20) Methylene Chloride	4.75	84	117986	43.944	ug/l 90
21) trans-1,2-Dichloroethene	5.26	96	118640	43.675	ug/l 94
22) Diisopropyl ether	6.16	45	369912	49.949	ug/l 95
23) Vinyl Acetate	6.10	43	1244371	263.946	ug/l 96
24) 1,1-Dichloroethane	6.06	63	201953	45.336	ug/l 98
25) 2-Butanone	7.02	43	237727	270.710	ug/l 96
26) 2,2-Dichloropropane	7.02	77	182455	42.797	ug/l 98
27) cis-1,2-Dichloroethene	7.02	96	131372	44.278	ug/l 97
28) Bromochloromethane	7.37	49	90889	59.894	ug/l 91
29) Tetrahydrofuran	7.38	42	142294	270.344	ug/l 95
30) Chloroform	7.54	83	195332	43.290	ug/l 98
31) Cyclohexane	7.82	56	202895	44.527	ug/l 94
32) 1,1,1-Trichloroethane	7.74	97	171678	41.965	ug/l 98
36) 1,1-Dichloropropene	7.95	75	160749	42.988	ug/l 99
37) Ethyl Acetate	7.11	43	94678	52.302	ug/l 97
38) Carbon Tetrachloride	7.93	117	149321	41.273	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	215512	43.770	ug/l	99
40) Benzene	8.19	78	470251	44.089	ug/l	99
41) Methacrylonitrile	7.38	41	130580	155.641	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	131444	44.234	ug/l	99
43) Isopropyl Acetate	8.30	43	187176	52.223	ug/l	94
44) Trichloroethene	8.96	130	121768	42.354	ug/l	99
45) 1,2-Dichloropropane	9.24	63	119376	46.349	ug/l	99
46) Dibromomethane	9.33	93	64217	44.402	ug/l	100
47) Bromodichloromethane	9.52	83	153033	43.428	ug/l	100
48) Methyl methacrylate	9.31	41	84982	52.241	ug/l	94
49) 1,4-Dioxane	9.32	88	16739	876.390	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	477070	270.279	ug/l	96
52) Toluene	10.26	92	299833	44.304	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	174898	45.569	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	195180	44.296	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	94598	45.589	ug/l	97
56) Ethyl methacrylate	10.52	69	142680	48.344	ug/l	93
57) 1,3-Dichloropropane	10.80	76	164504	44.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	299641	275.981	ug/l	95
59) 2-Hexanone	10.85	43	360546	280.934	ug/l	96
60) Dibromochloromethane	11.00	129	106657	43.606	ug/l	99
61) 1,2-Dibromoethane	11.10	107	90795	44.425	ug/l	100
64) Tetrachloroethene	10.74	164	98360	40.951	ug/l	98
65) Chlorobenzene	11.53	112	310108	43.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	107058	42.536	ug/l	99
67) Ethyl Benzene	11.61	91	576958	43.392	ug/l	100
68) m/p-Xylenes	11.71	106	437478	87.644	ug/l	99
69) o-Xylene	12.04	106	205796	43.727	ug/l	97
70) Styrene	12.06	104	364408	44.775	ug/l	99
71) Bromoform	12.22	173	63257	45.136	ug/l #	99
73) Isopropylbenzene	12.34	105	560578	41.673	ug/l	100
74) N-amyl acetate	12.16	43	181822	52.016	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.59	83	120124	47.002	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	160437	84.586	ug/l #	100
77) Bromobenzene	12.62	156	122342	42.026	ug/l	94
78) n-propylbenzene	12.68	91	693453	43.061	ug/l	99
79) 2-Chlorotoluene	12.77	91	387721	42.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	468366	41.344	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47344	48.298	ug/l	98
82) 4-Chlorotoluene	12.86	91	407644	42.355	ug/l	100
83) tert-Butylbenzene	13.08	119	391931	40.929	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	470019	41.920	ug/l	99
85) sec-Butylbenzene	13.27	105	571179	42.425	ug/l	99
86) p-Isopropyltoluene	13.38	119	505894	42.640	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	235205	42.159	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	238201	42.618	ug/l	100
89) n-Butylbenzene	13.70	91	513053	43.828	ug/l	99
90) Hexachloroethane	13.97	117	97267	42.714	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	218094	43.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20577	43.613	ug/l	96

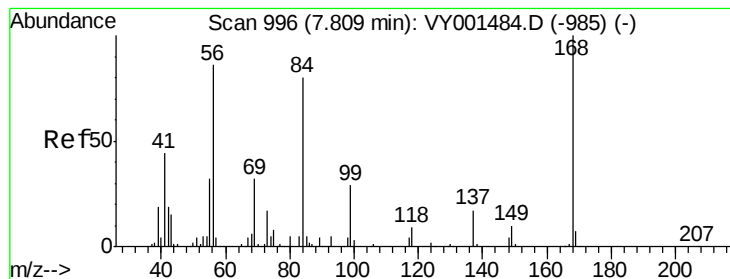
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	142475	41.818	ug/l	97
94) Hexachlorobutadiene	15.12	225	72245	41.780	ug/l	98
95) Naphthalene	15.25	128	336344	42.005	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	126668	42.118	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

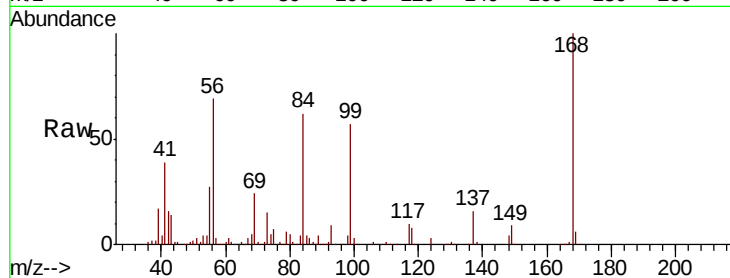
ClientSampled :

Tot Ion:168 Resp: 232414

Ion Ratio Lower Upper

168 100

99 56.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001524.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001524.D (-947) (-)

7.82

120000

100000

80000

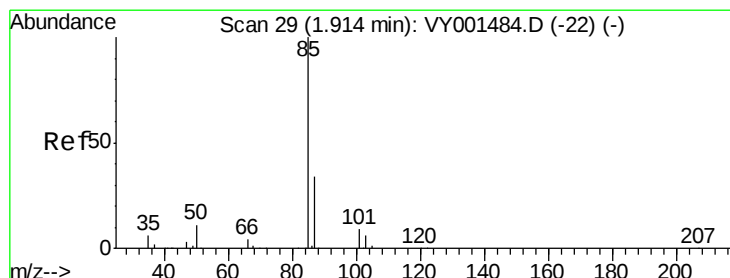
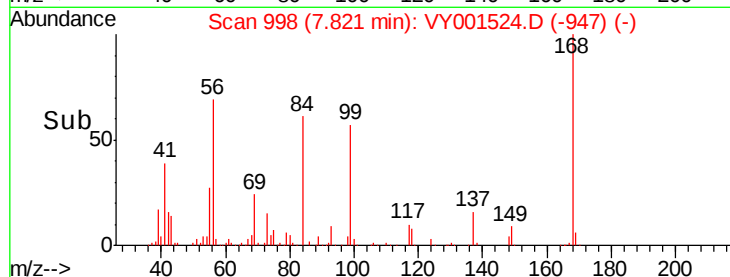
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 40.278 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001524.D

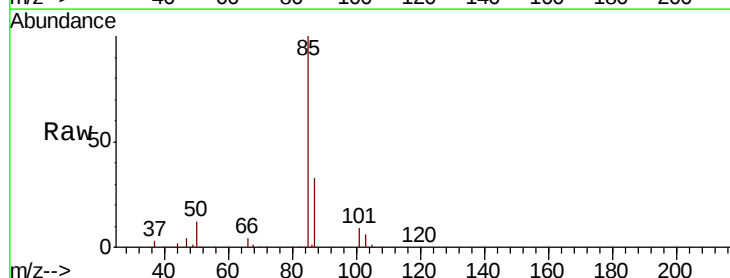
Acq: 06 Feb 2020 11:44

Tgt Ion: 85 Resp: 91634

Ion Ratio Lower Upper

85 100

87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001524.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001524.D (-1) (-)

1.92

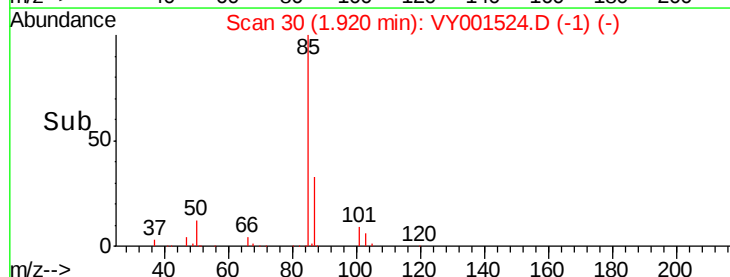
60000

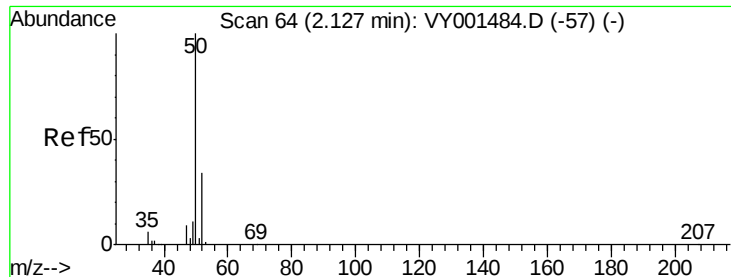
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 49.694 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

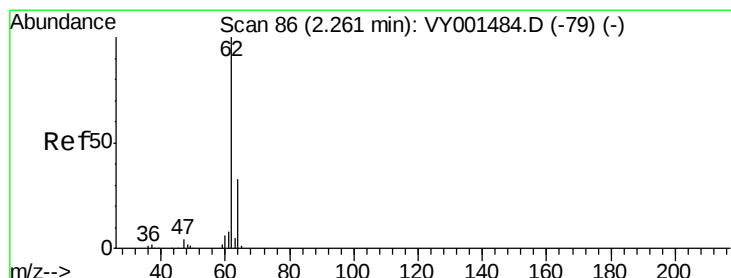
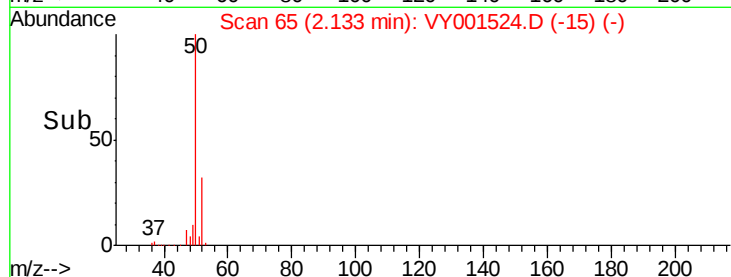
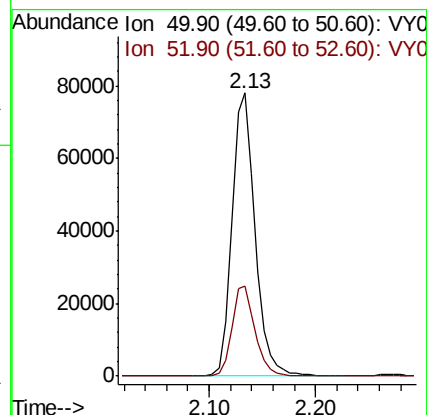
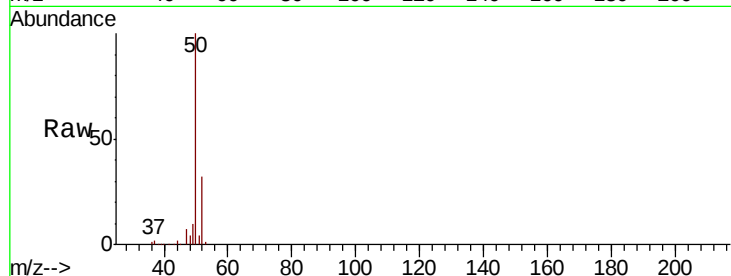
ClientSampleId :

Tot Ion: 50 Resp: 118163

Ion Ratio Lower Upper

50 100

52 31.6 27.3 40.9



#4

Vinyl Chloride

Concen: 50.750 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY001524.D

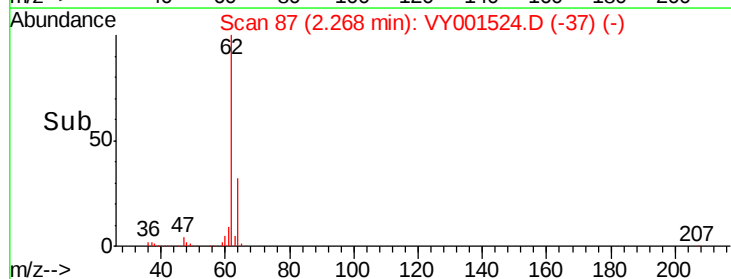
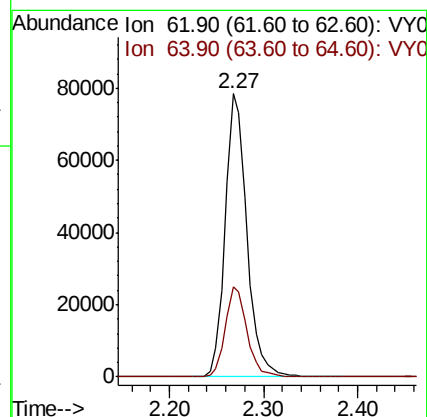
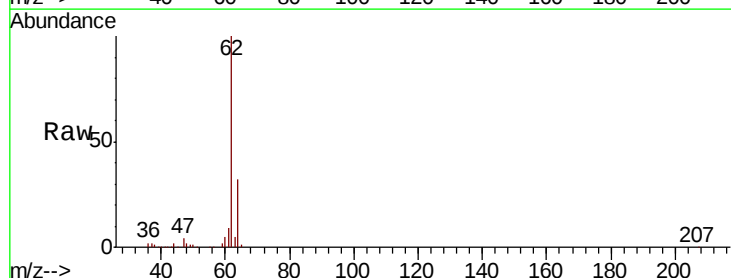
Acq: 06 Feb 2020 11:44

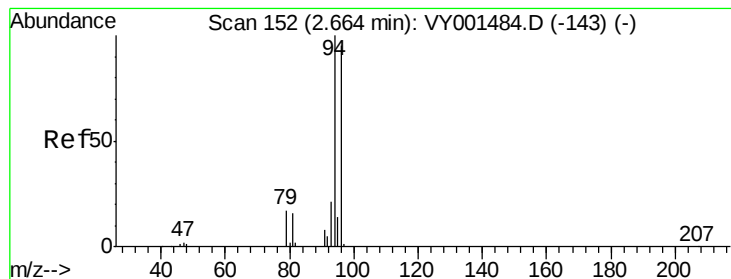
Tgt Ion: 62 Resp: 125301

Ion Ratio Lower Upper

62 100

64 31.8 26.4 39.6





#5

Bromomethane

Concen: 52.103 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

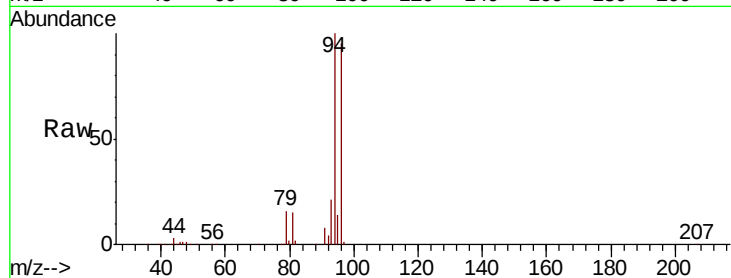
ClientSampleId :

Tot Ion: 94 Resp: 80903

Ion Ratio Lower Upper

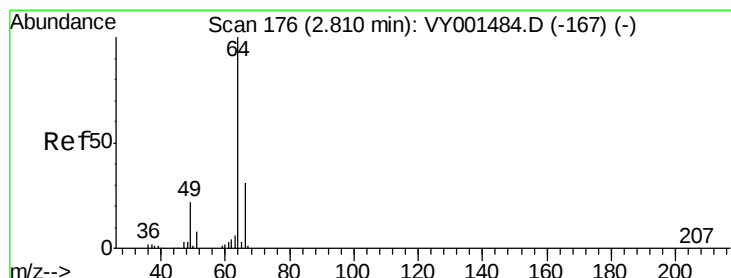
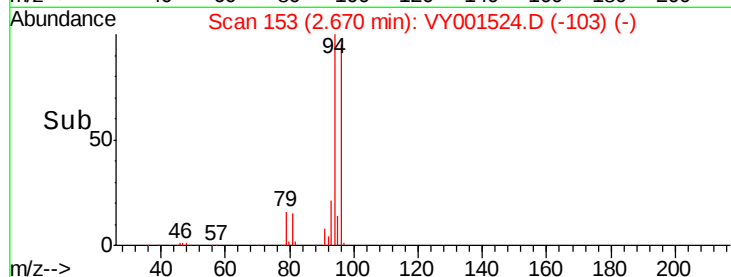
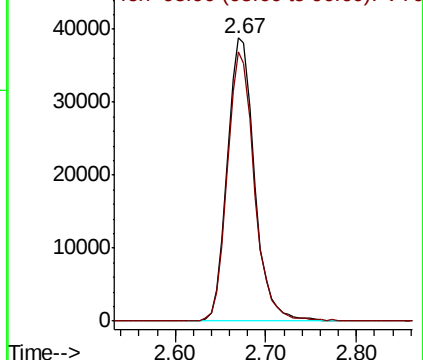
94 100

96 95.1 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.299 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001524.D

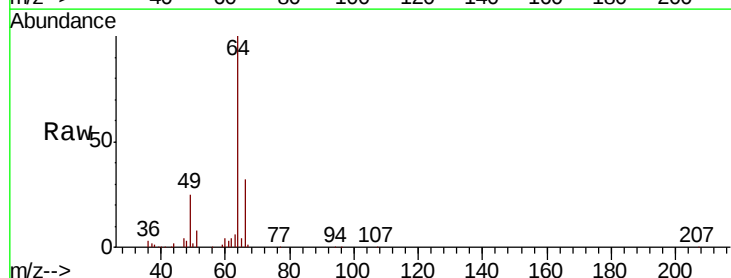
Acq: 06 Feb 2020 11:44

Tgt Ion: 64 Resp: 76345

Ion Ratio Lower Upper

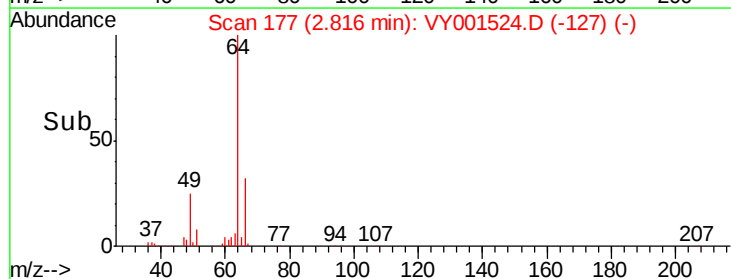
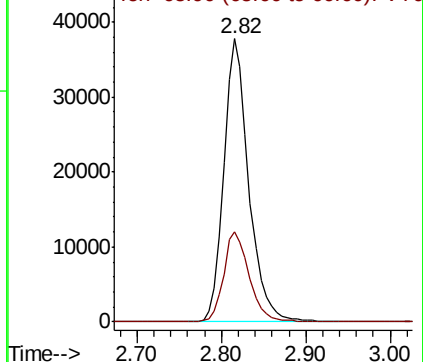
64 100

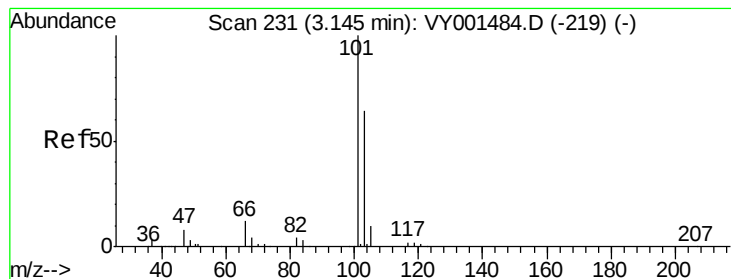
66 31.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



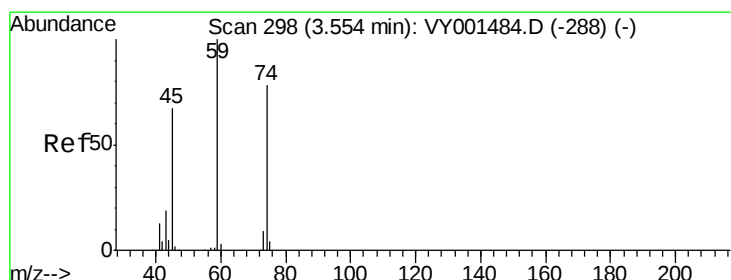
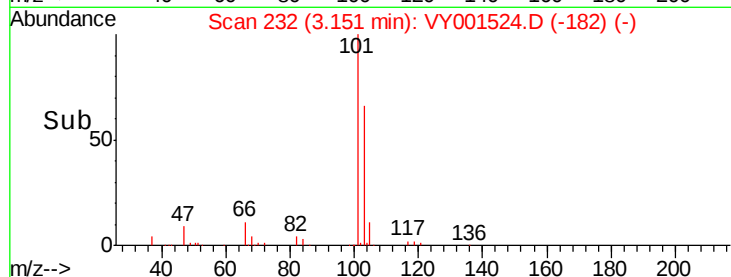
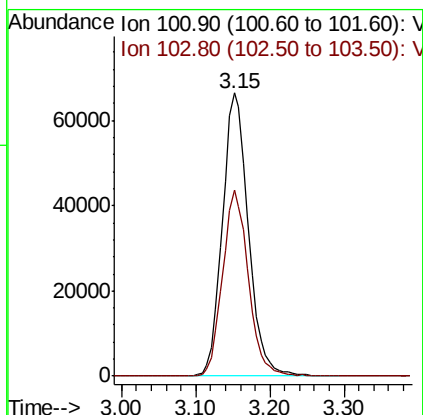
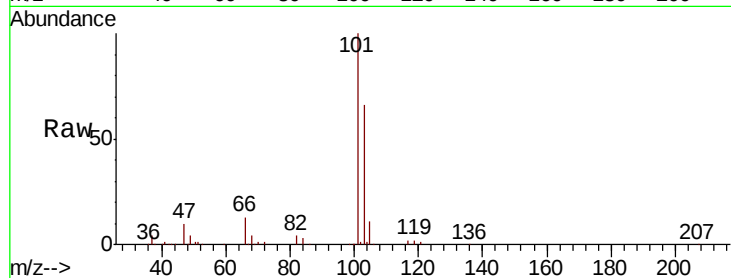


#7

Trichlorofluoromethane
Concen: 39.553 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

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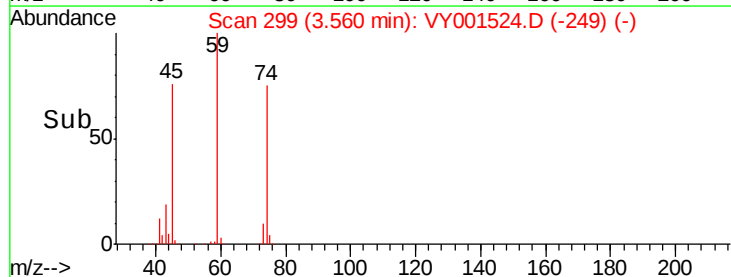
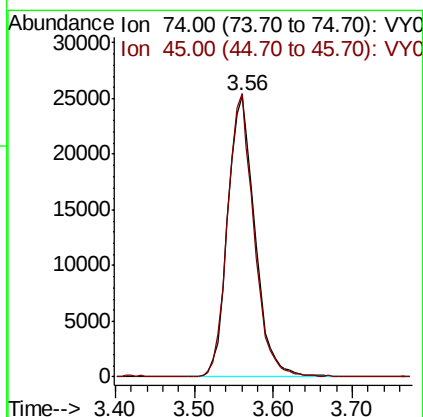
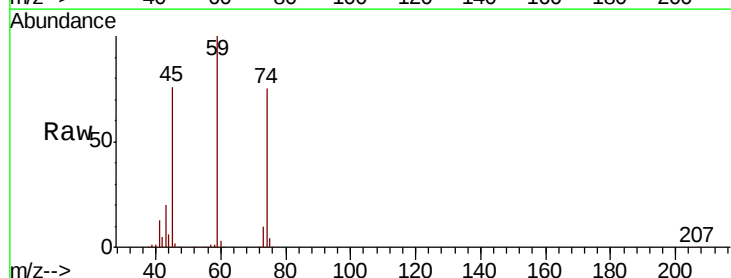
Tot Ion:101 Resp: 161645
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

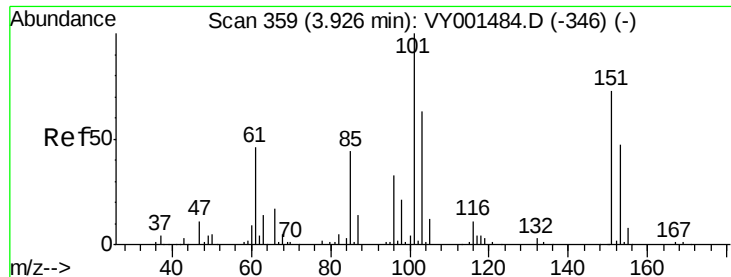


#8

Diethyl Ether
Concen: 43.917 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 74 Resp: 60566
Ion Ratio Lower Upper
74 100
45 98.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.534 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

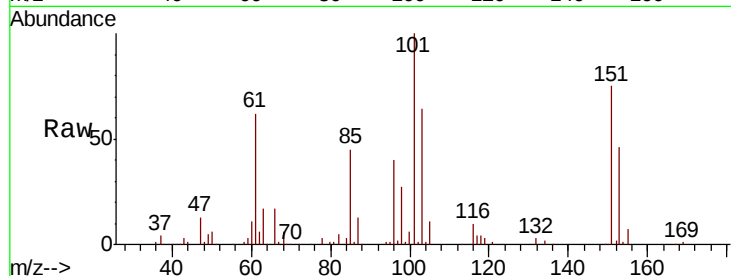
Tot Ion:101 Resp: 102130

Ion Ratio Lower Upper

101 100

85 43.9 34.6 51.8

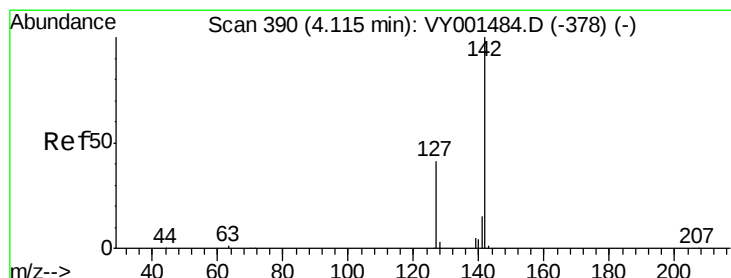
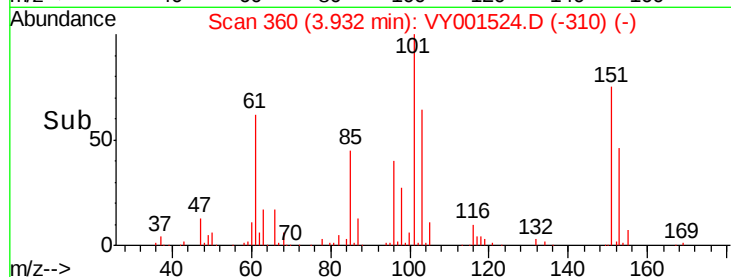
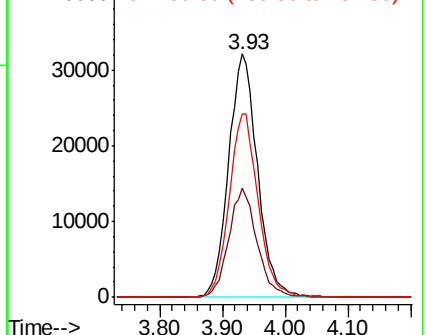
151 75.6 60.3 90.5



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: 41.487 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

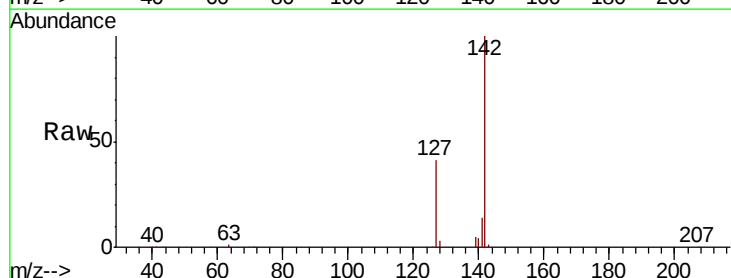
Tgt Ion:142 Resp: 129988

Ion Ratio Lower Upper

142 100

127 40.2 33.3 49.9

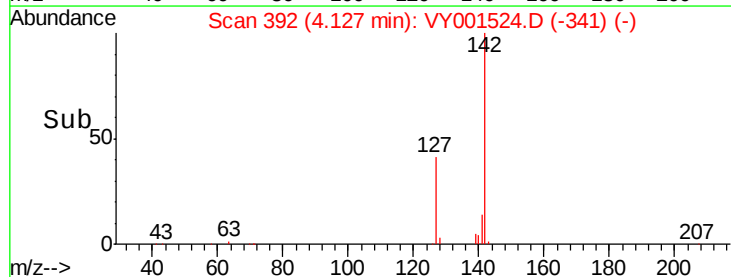
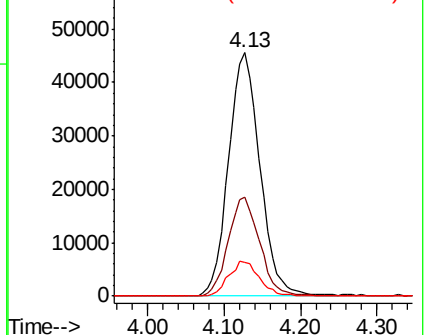
141 14.0 11.5 17.3

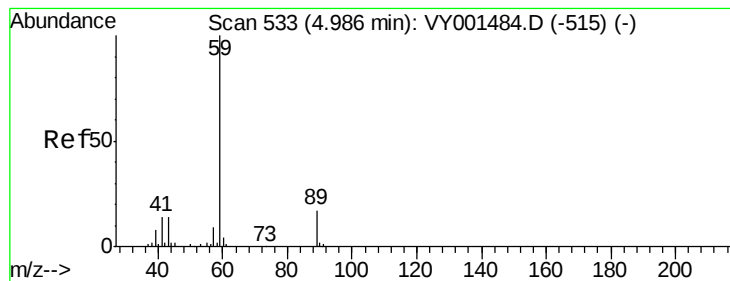


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



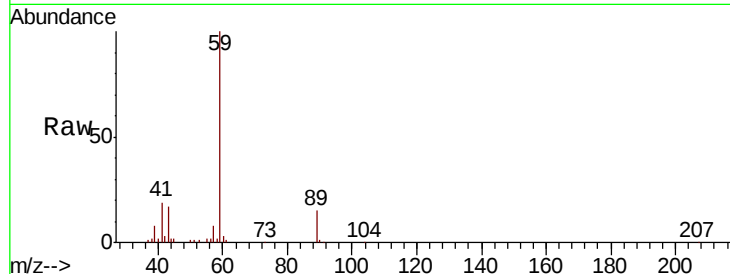


#11

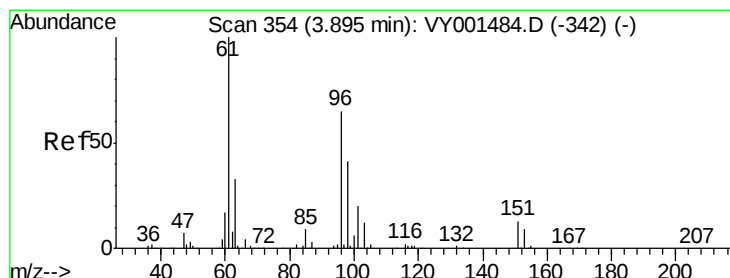
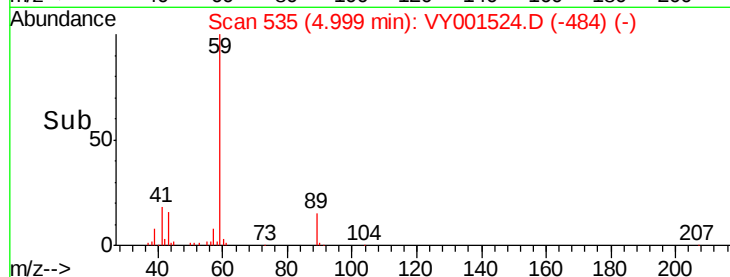
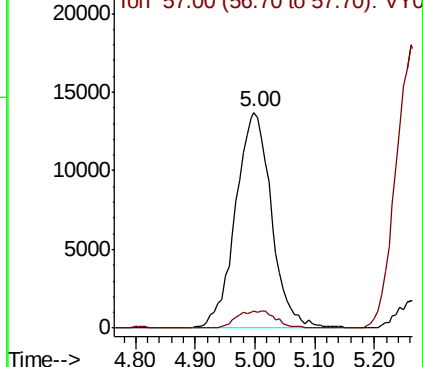
Tert butyl alcohol
Concen: 212.740 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 57308
Ion Ratio Lower Upper
59 100
57 8.6 7.0 10.6



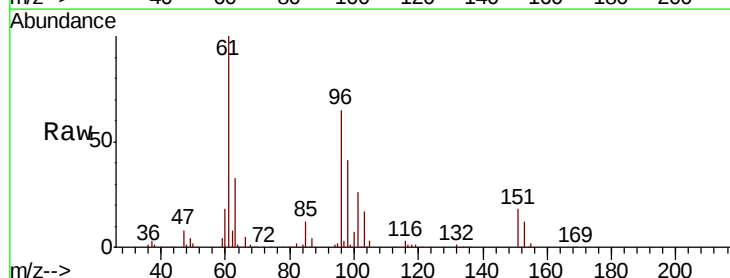
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



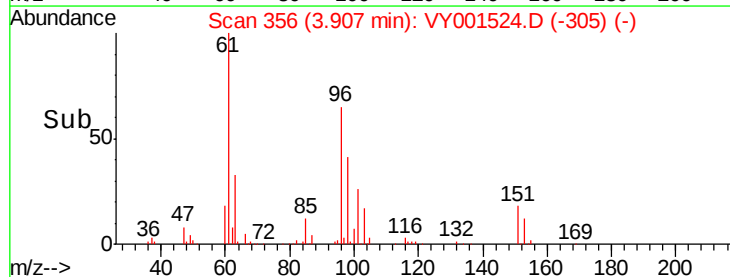
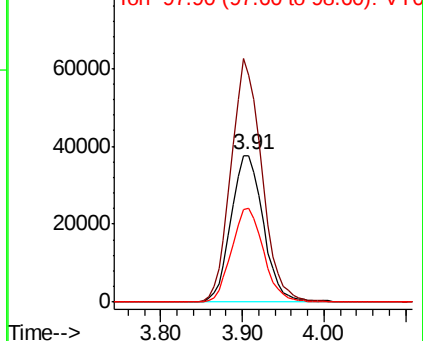
#12

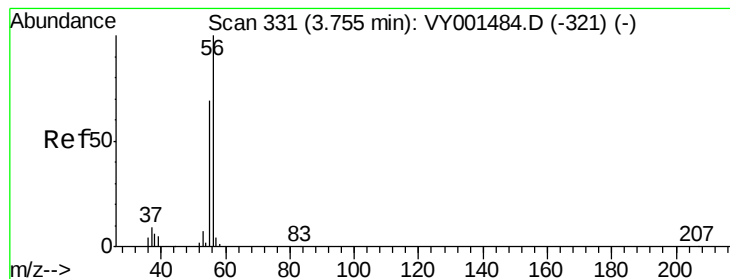
1,1-Dichloroethene
Concen: 42.289 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 96 Resp: 103335
Ion Ratio Lower Upper
96 100
61 154.7 122.3 183.5
98 63.8 49.7 74.5



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





#13

Acrolein

Concen: 277.428 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

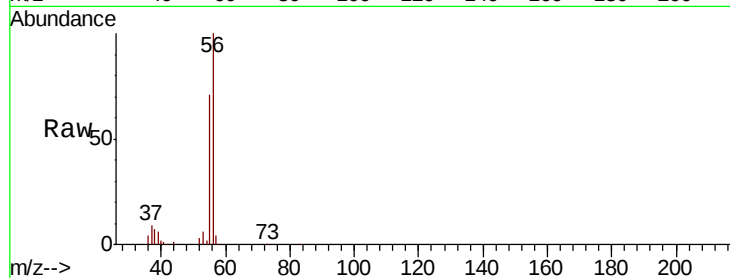
ClientSampled :

Tot Ion: 56 Resp: 61472

Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.76

25000

20000

15000

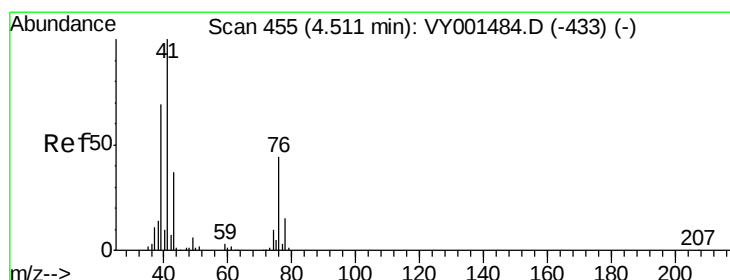
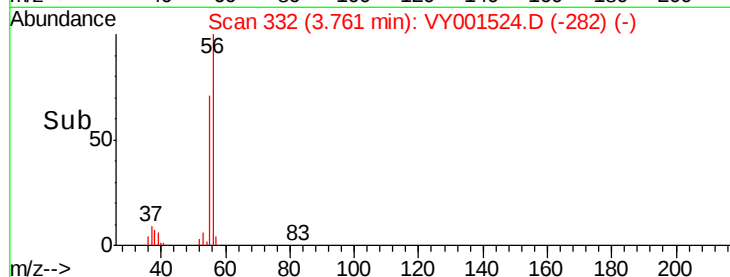
10000

5000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 48.375 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

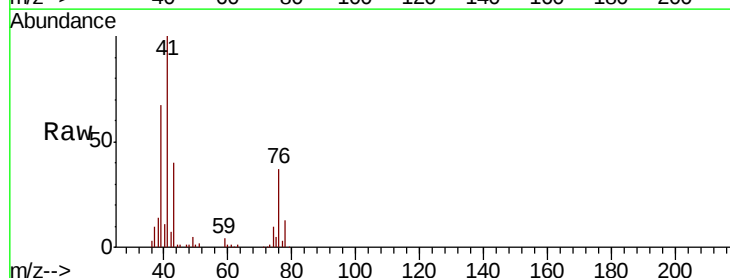
Tgt Ion: 41 Resp: 180826

Ion Ratio Lower Upper

41 100

39 65.3 53.0 79.6

76 36.6 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

80000

60000

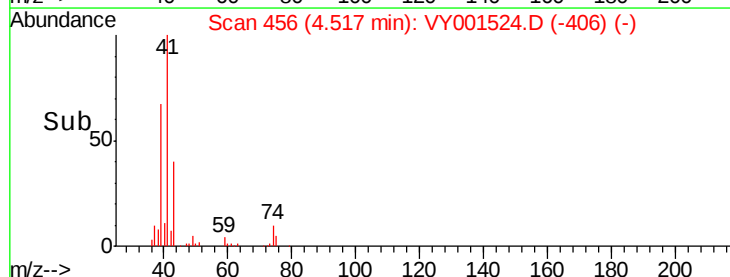
40000

20000

0

Time-->

4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 253.855 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

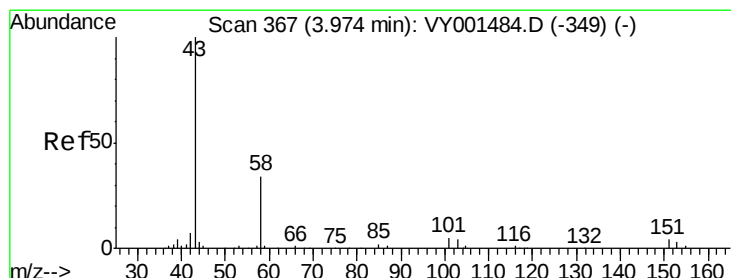
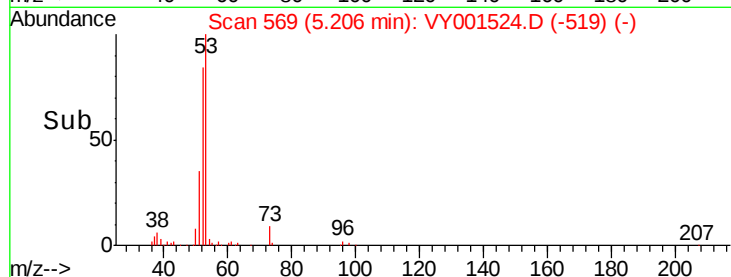
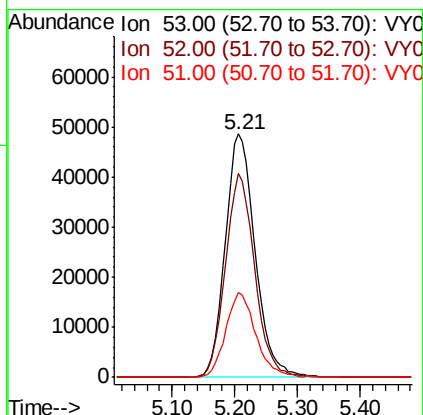
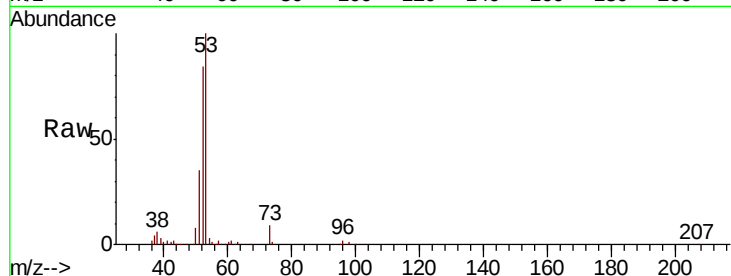
Tot Ion: 53 Resp: 160495

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

51 35.2 29.0 43.4



#16

Acetone

Concen: 257.795 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001524.D

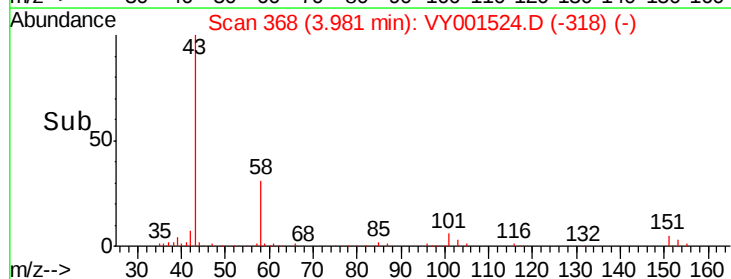
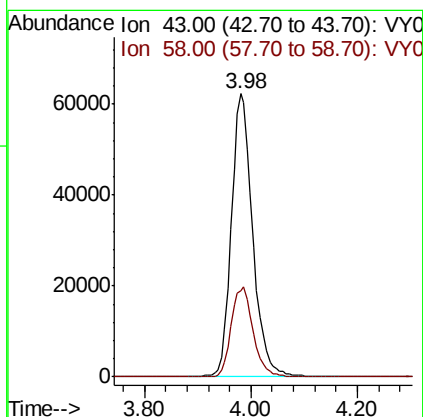
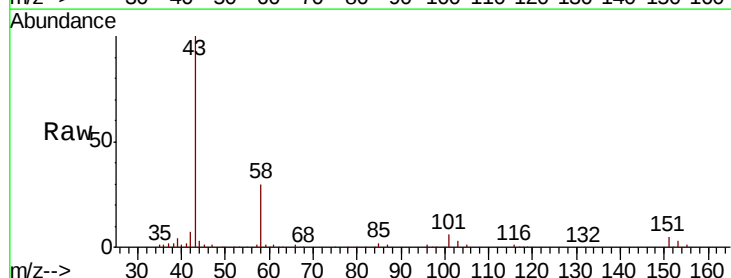
Acq: 06 Feb 2020 11:44

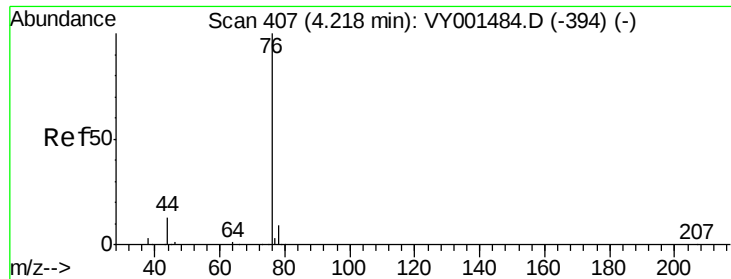
Tgt Ion: 43 Resp: 174499

Ion Ratio Lower Upper

43 100

58 30.4 27.5 41.3

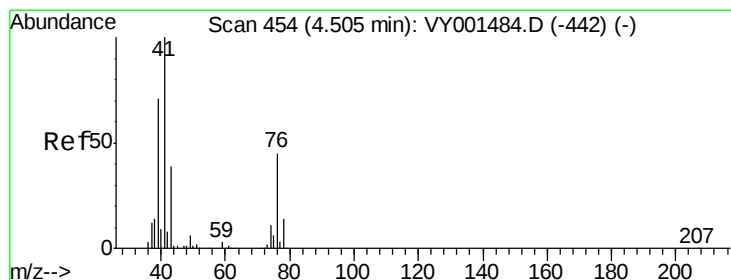
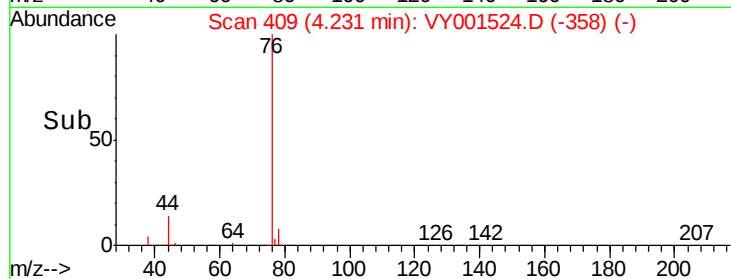
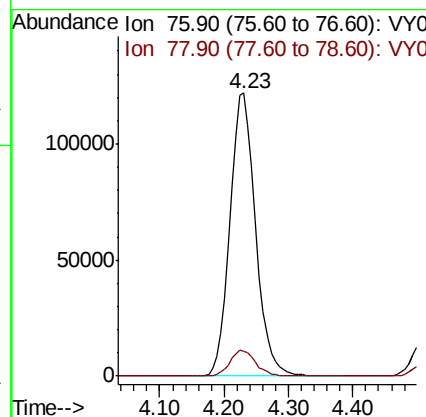
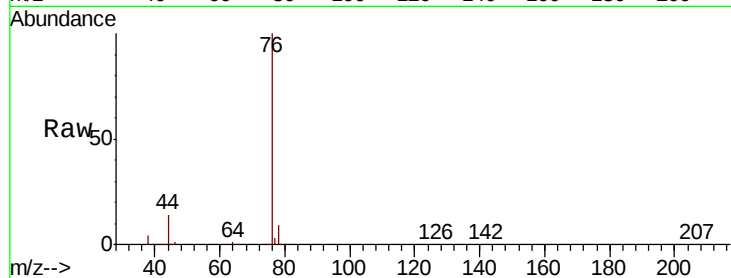




#17
Carbon Disulfide
Concen: 43.879 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

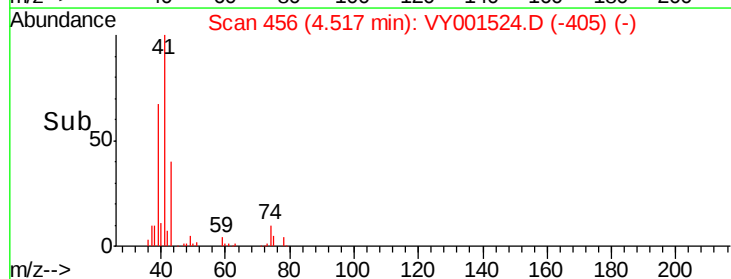
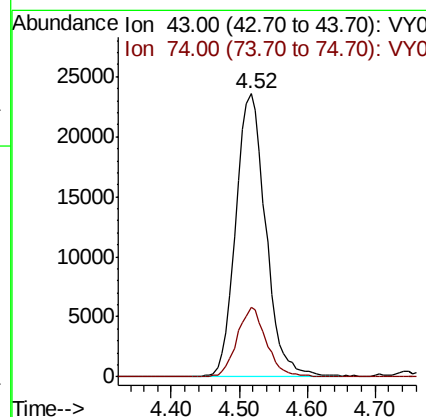
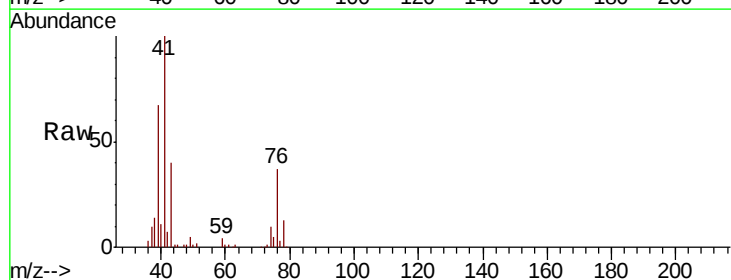
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 341329
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 50.071 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 43 Resp: 72326
Ion Ratio Lower Upper
43 100
74 23.8 21.0 31.6



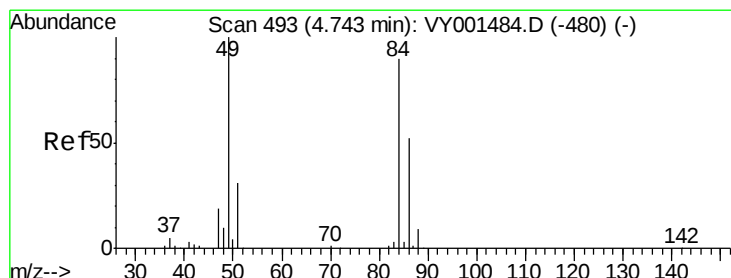
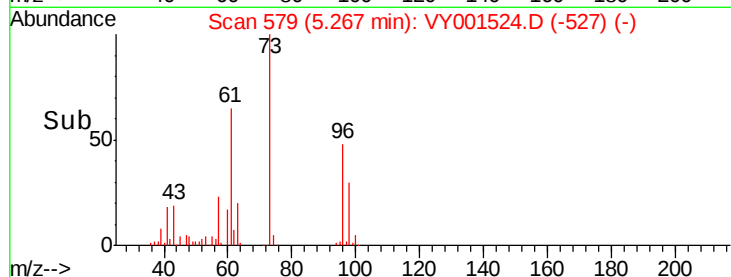
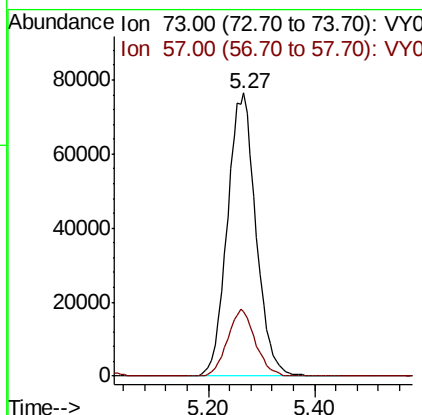
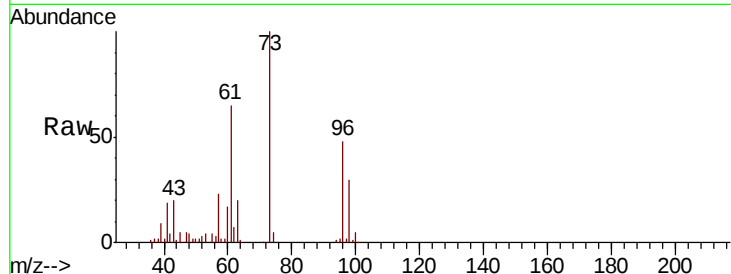


#19

Methyl tert-butyl Ether
 Concen: 43.908 ug/l
 RT: 5.27 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :

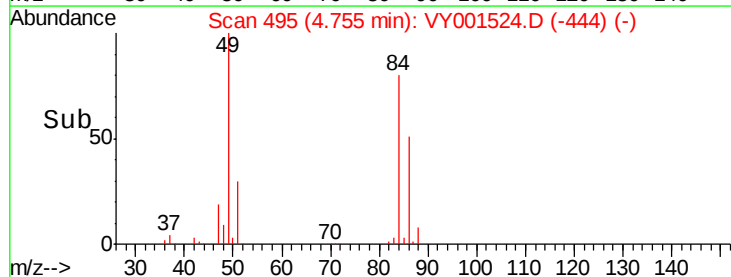
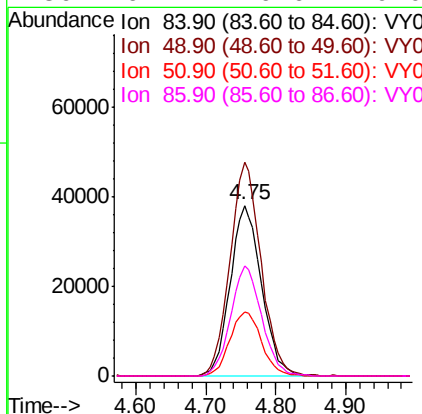
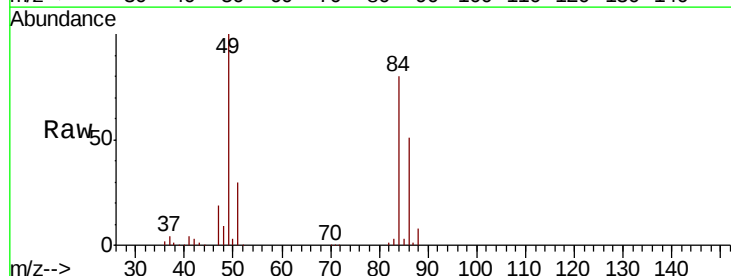
Tot Ion: 73 Resp: 285328
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.0 25.6

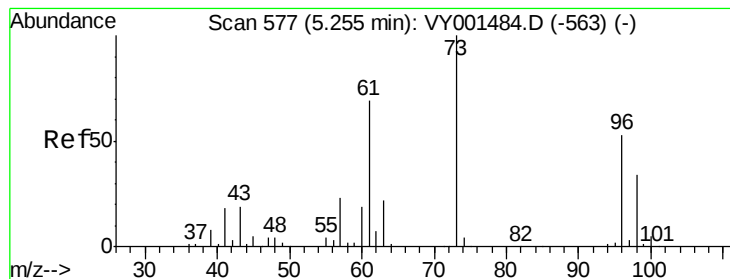


#20

Methylene Chloride
 Concen: 43.944 ug/l
 RT: 4.75 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 84 Resp: 117986
 Ion Ratio Lower Upper
 84 100
 49 125.1 89.0 133.6
 51 37.8 27.4 41.2
 86 64.1 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 43.675 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

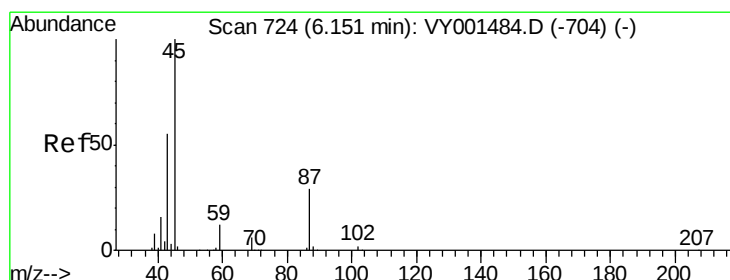
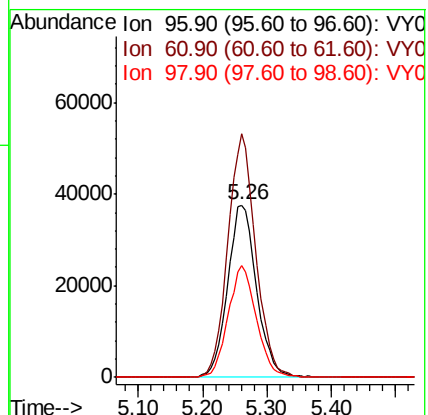
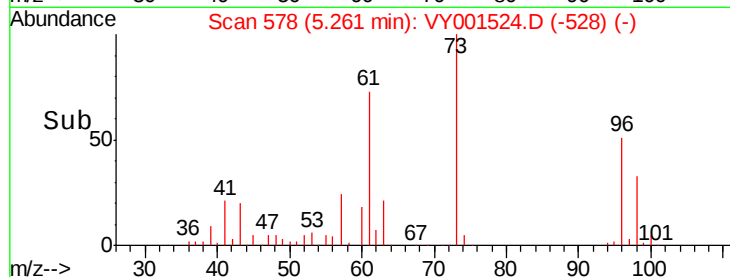
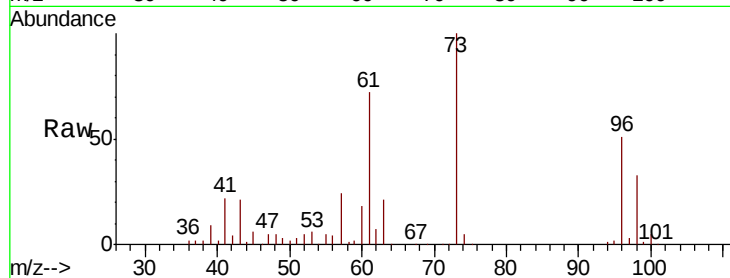
Tot Ion: 96 Resp: 118640

Ion Ratio Lower Upper

96 100

61 141.1 104.2 156.4

98 64.6 51.4 77.0



#22

Diisopropyl ether

Concen: 49.949 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Tgt Ion: 45 Resp: 369912

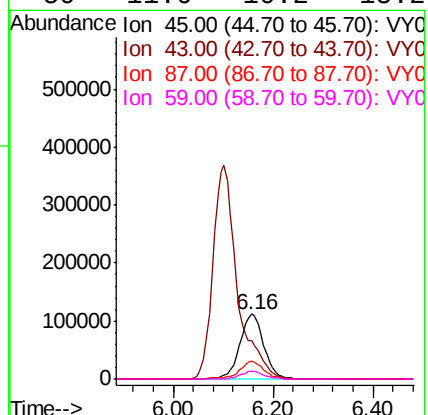
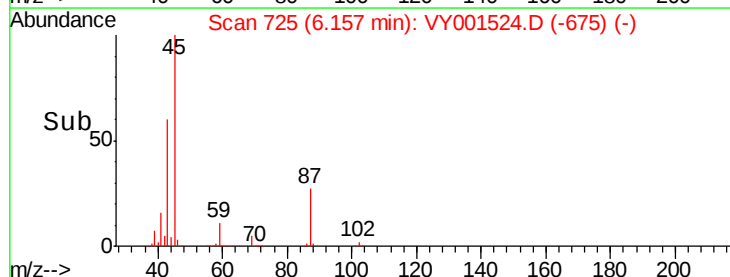
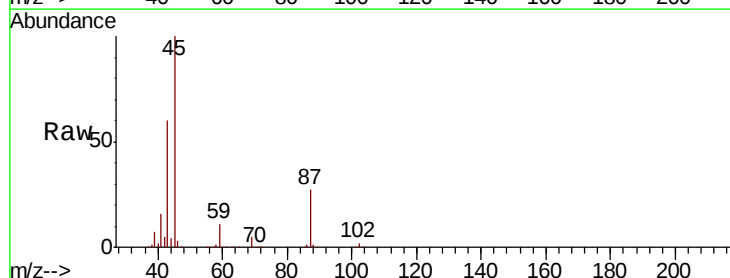
Ion Ratio Lower Upper

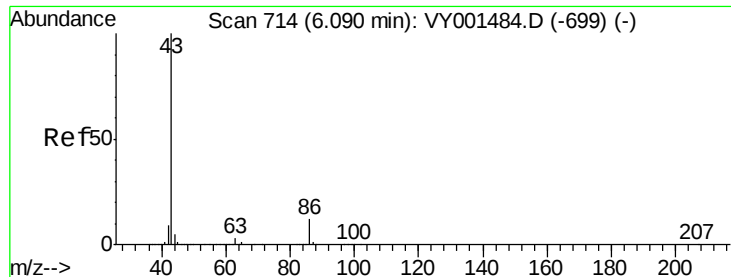
45 100

43 59.4 44.2 66.4

87 26.8 23.9 35.9

59 11.0 10.2 15.2





#23

Vinyl Acetate

Concen: 263.946 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

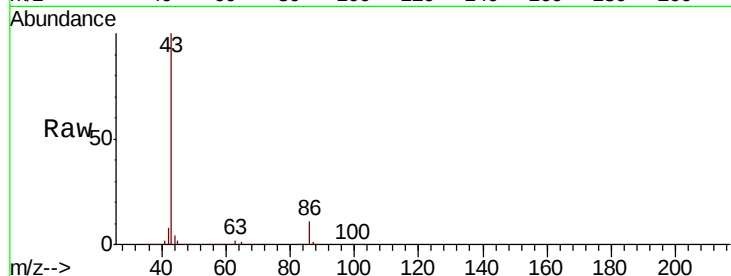
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1244371

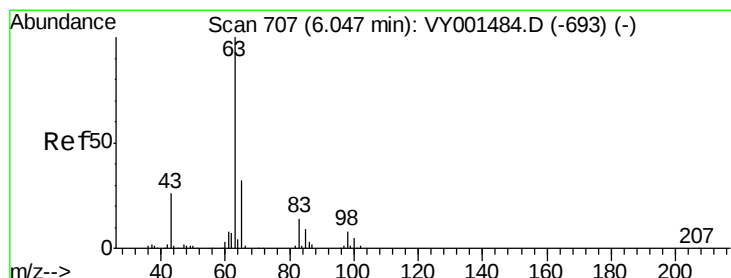
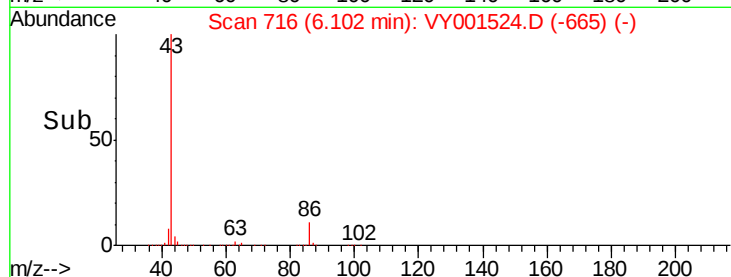
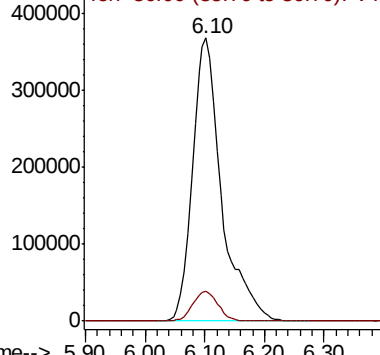
Ion Ratio Lower Upper

43 100

86 10.8 9.8 14.8



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



#24

1,1-Dichloroethane

Concen: 45.336 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

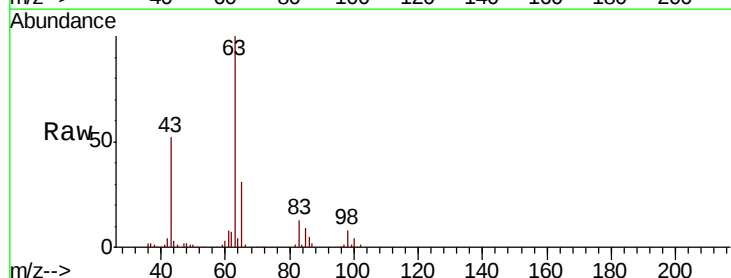
Tgt Ion: 63 Resp: 201953

Ion Ratio Lower Upper

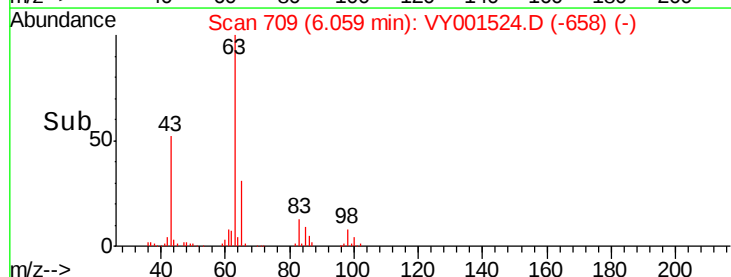
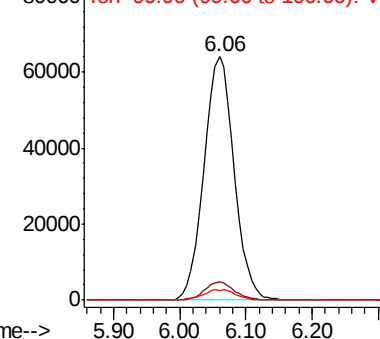
63 100

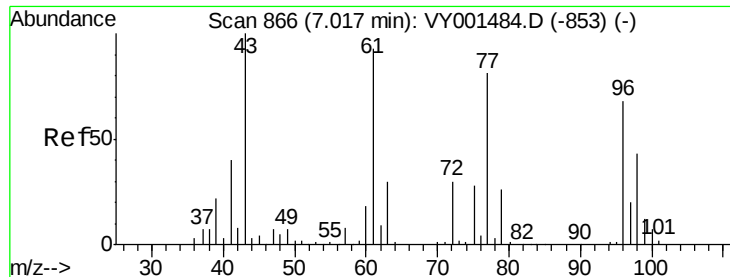
98 7.6 4.0 11.9

100 3.8 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 270.710 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

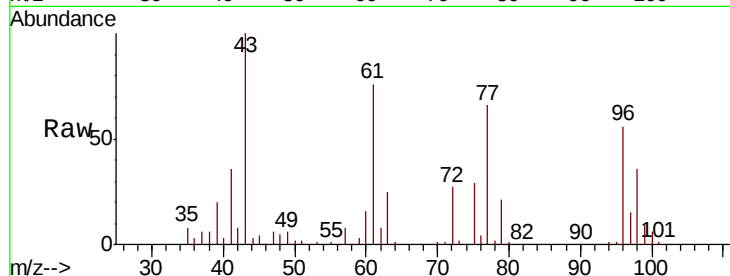
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 237727

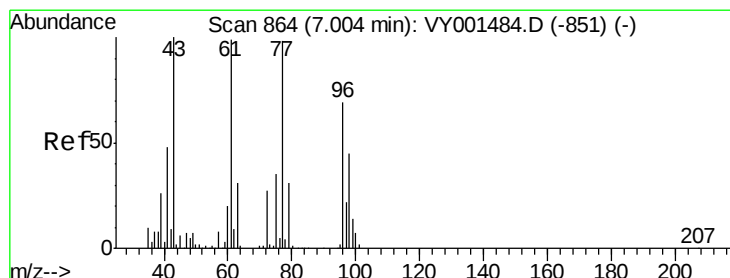
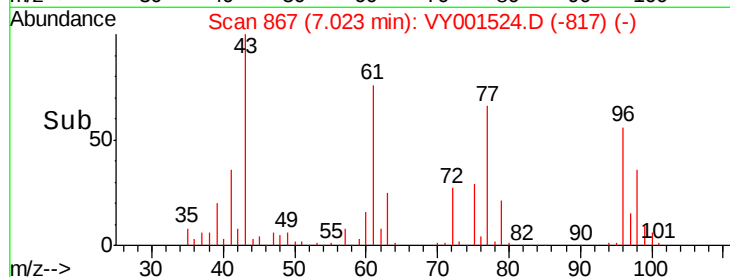
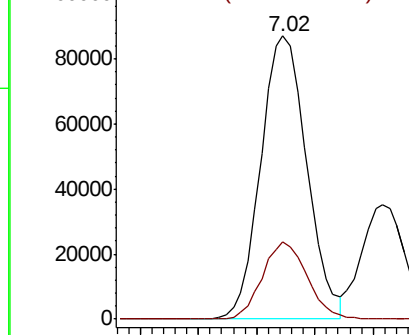
Ion Ratio Lower Upper

43 100

72 27.4 23.8 35.8



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



#26

2,2-Dichloropropane

Concen: 42.797 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY001524.D

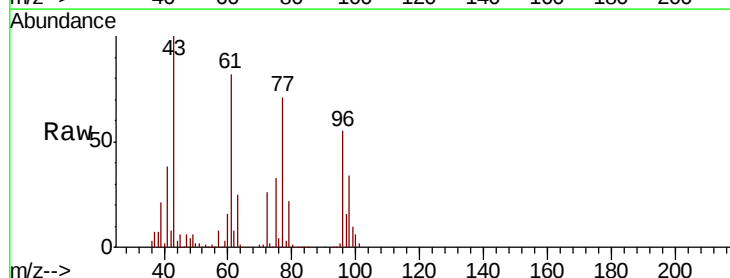
Acq: 06 Feb 2020 11:44

Tgt Ion: 77 Resp: 182455

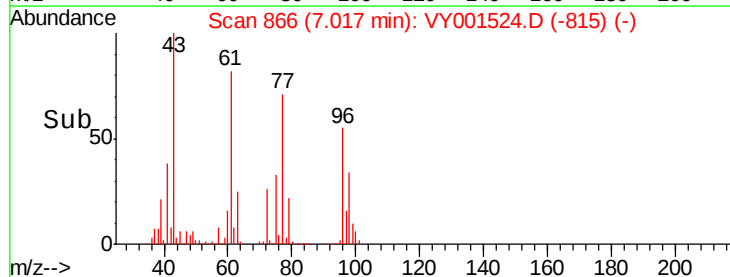
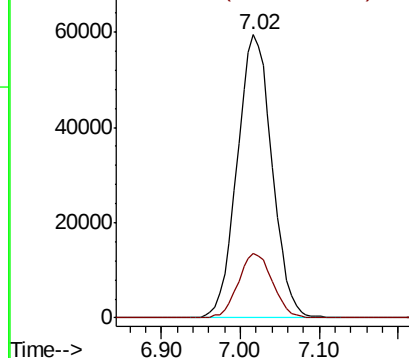
Ion Ratio Lower Upper

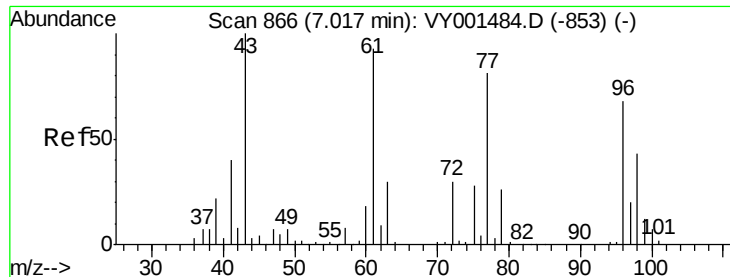
77 100

97 22.4 11.7 35.0



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



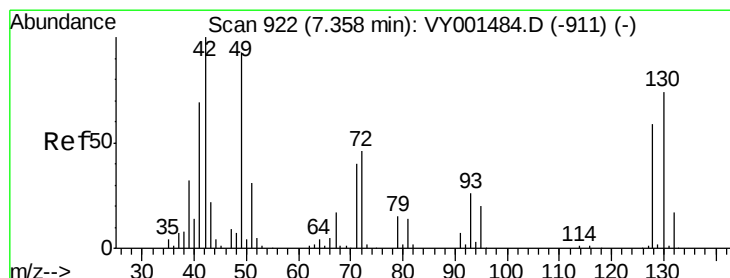
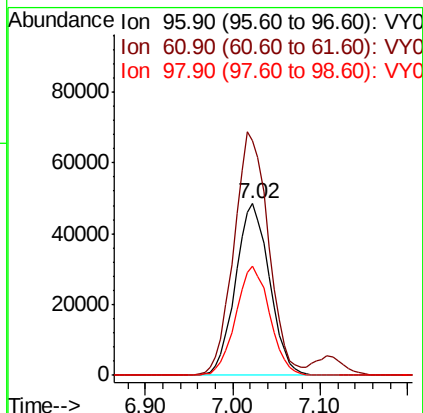
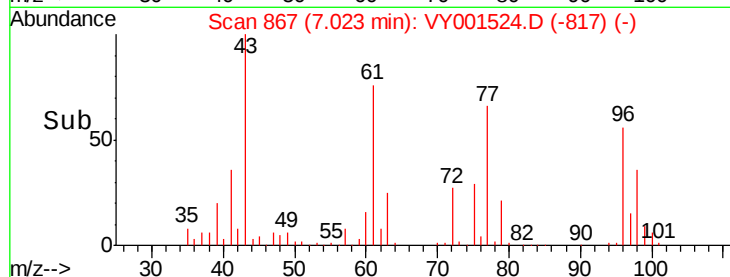
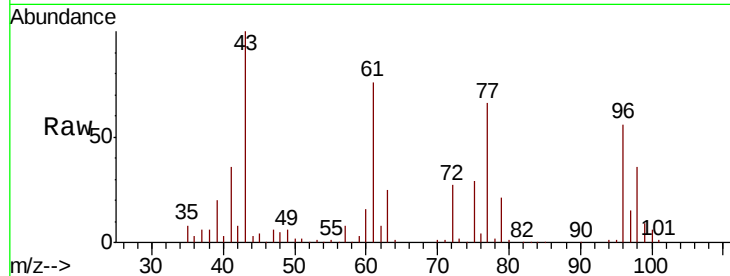


#27

cis-1,2-Dichloroethene
Concen: 44.278 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

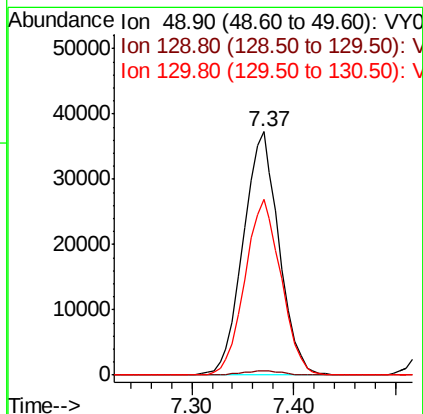
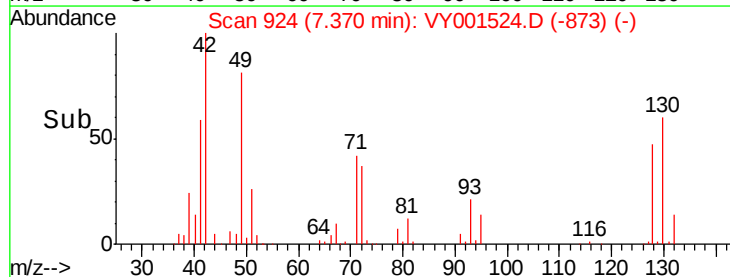
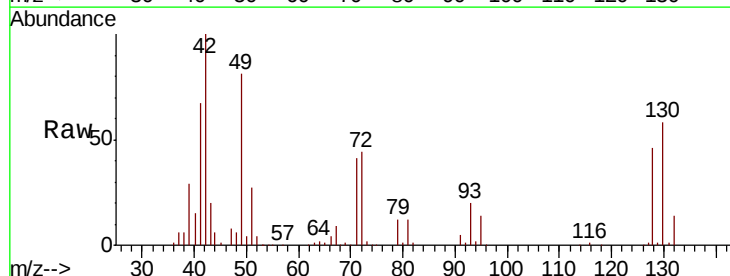
Tot Ion: 96 Resp: 131372
Ion Ratio Lower Upper
96 100
61 143.7 0.0 278.8
98 63.2 0.0 128.8

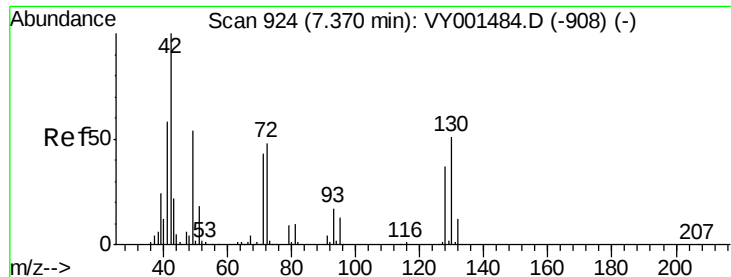


#28

Bromochloromethane
Concen: 59.894 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 49 Resp: 90889
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 73.1 65.4 98.2

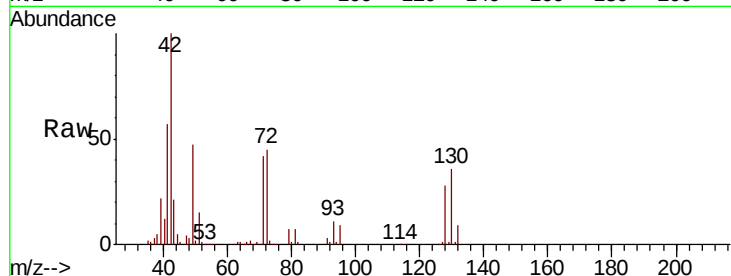




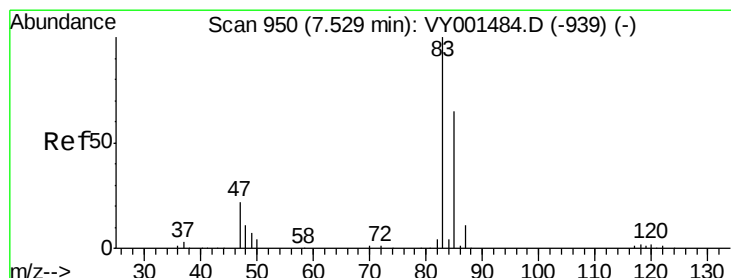
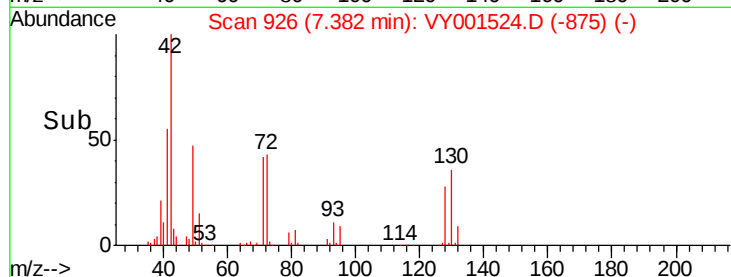
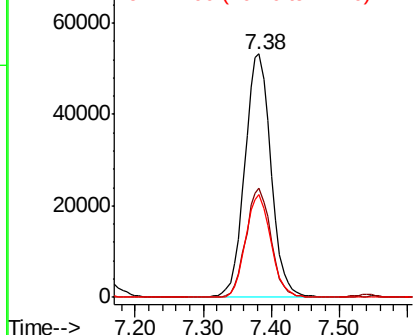
#29
Tetrahydrofuran
Concen: 270.344 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 142294
Ion Ratio Lower Upper
42 100
72 43.1 37.8 56.6
71 41.1 34.8 52.2

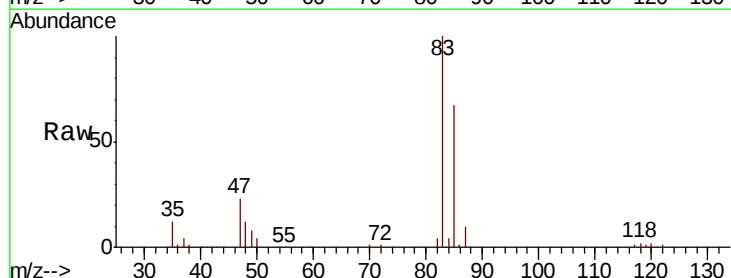


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

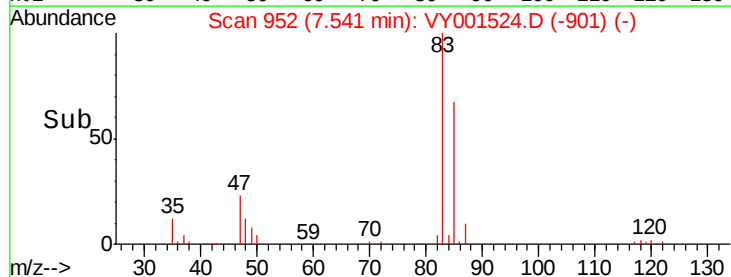
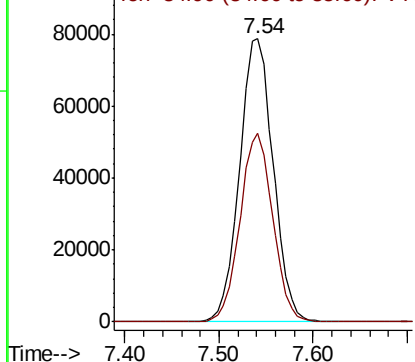


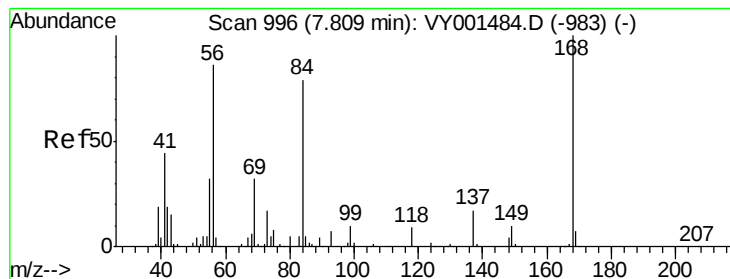
#30
Chloroform
Concen: 43.290 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 83 Resp: 195332
Ion Ratio Lower Upper
83 100
85 66.8 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: 44.527 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

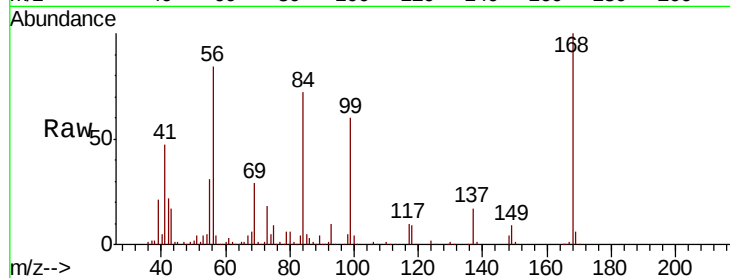
Tot Ion: 56 Resp: 202895

Ion Ratio Lower Upper

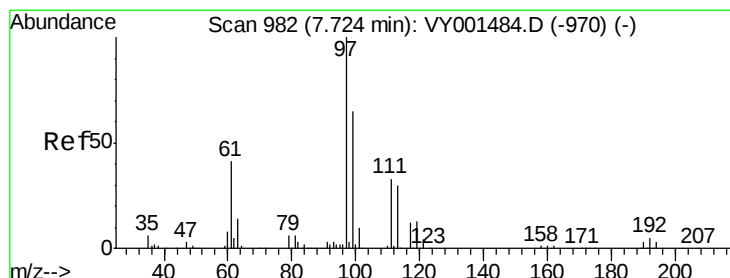
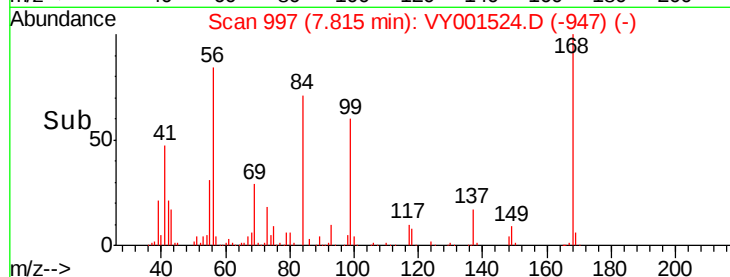
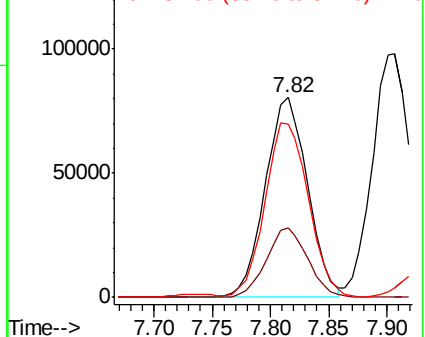
56 100

69 35.0 29.6 44.4

84 85.0 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: 41.965 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

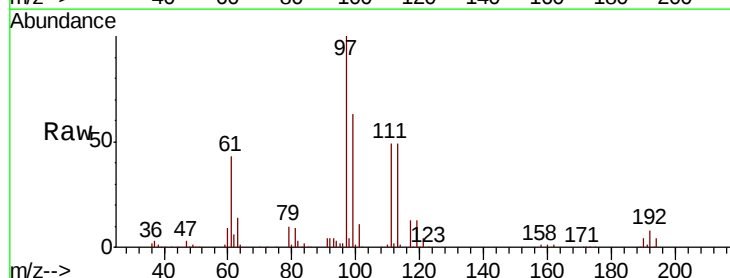
Tgt Ion: 97 Resp: 171678

Ion Ratio Lower Upper

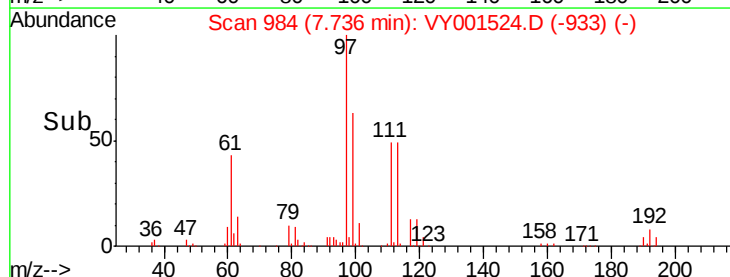
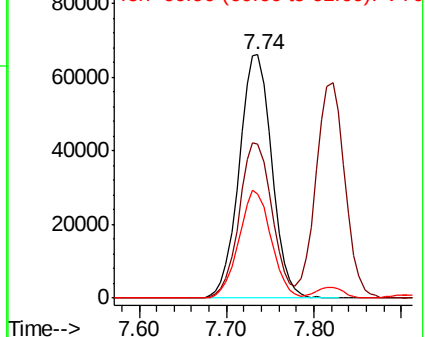
97 100

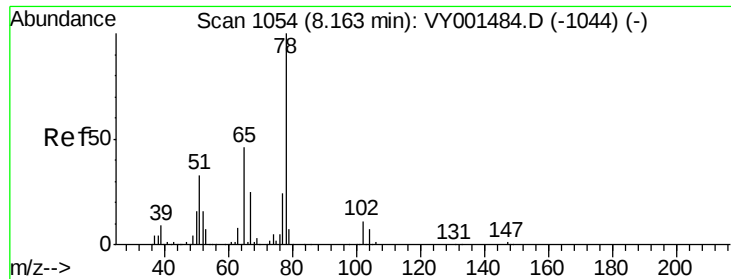
99 64.5 51.8 77.8

61 43.6 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

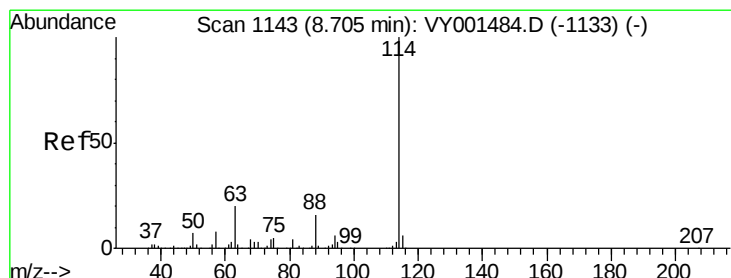
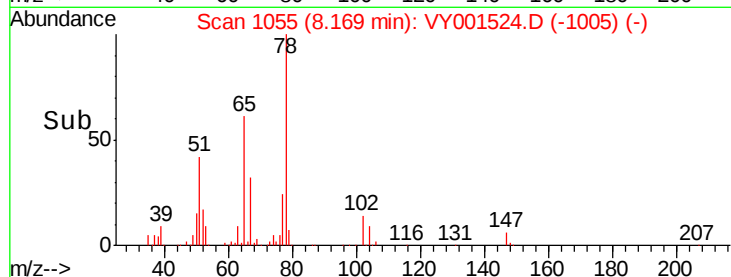
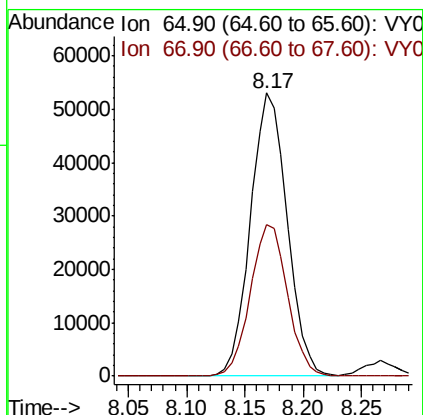
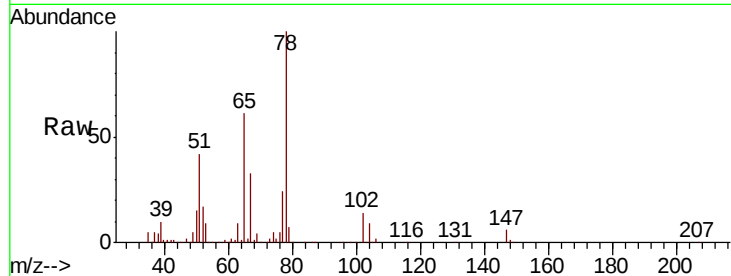




#33
 1,2-Dichloroethane-d4
 Concen: 49.883 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

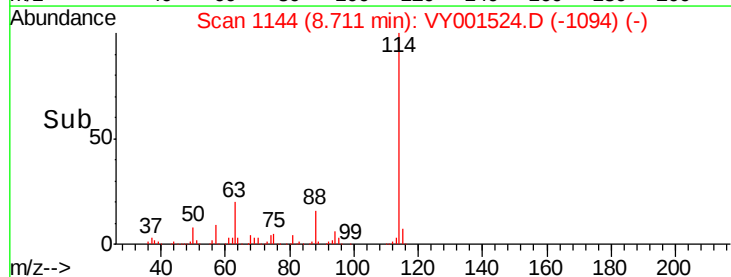
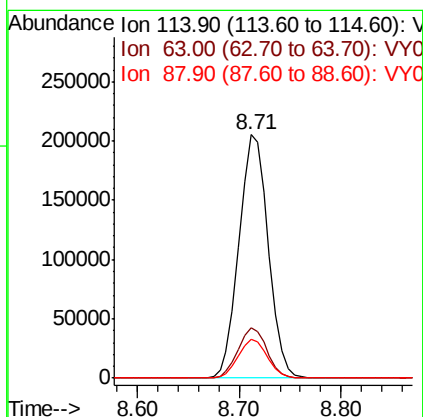
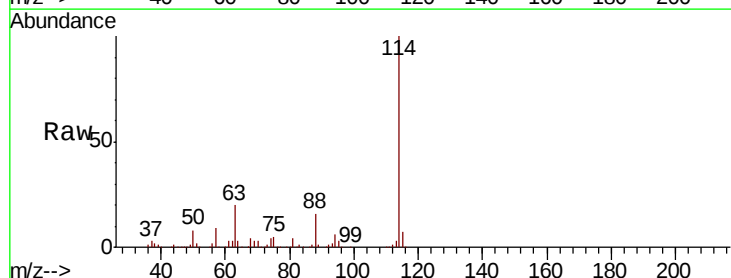
Instrument :
 MSVOA_Y
 ClientSampleId :

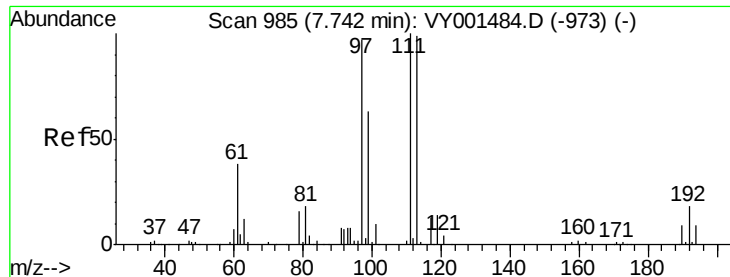
Tot Ion: 65 Resp: 116730
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 114 Resp: 408763
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 16.1 0.0 32.6

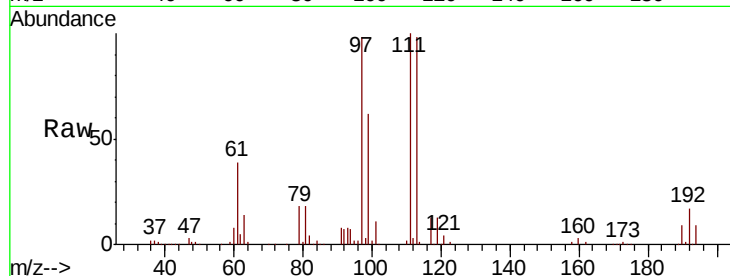




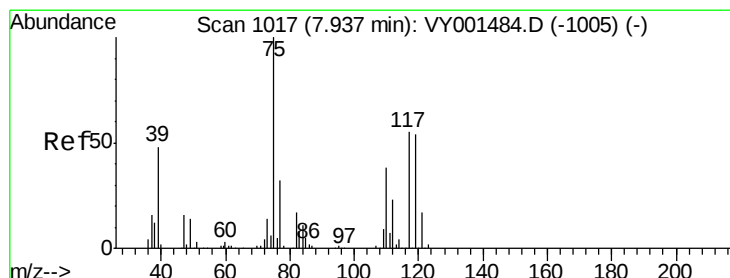
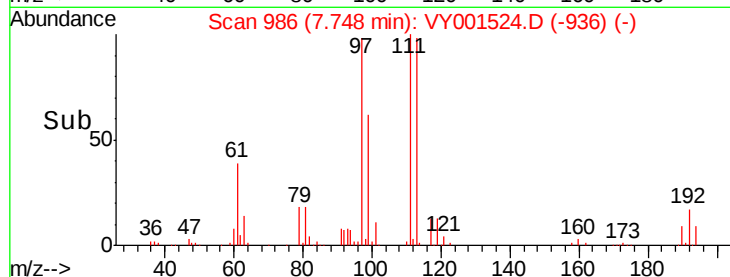
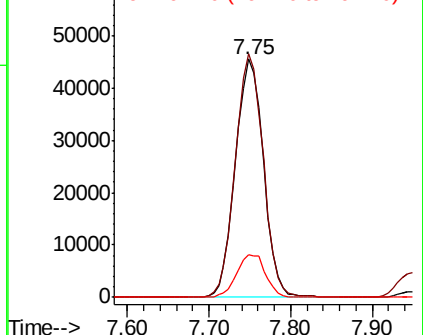
#35
 Dibromofluoromethane
 Concen: 46.130 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 108733
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.9 124.3
 192 18.4 14.6 22.0

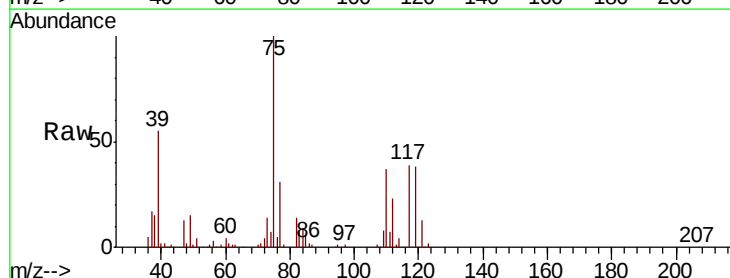


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

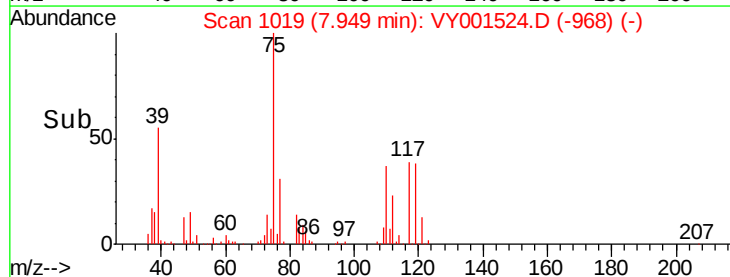
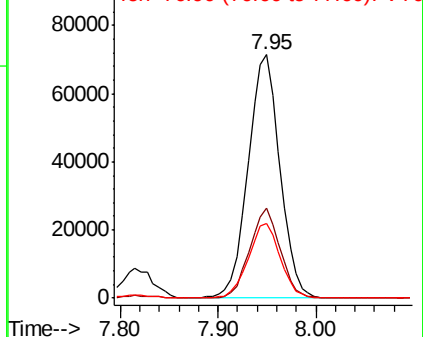


#36
 1,1-Dichloropropene
 Concen: 42.988 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 75 Resp: 160749
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.2 54.6
 77 30.9 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

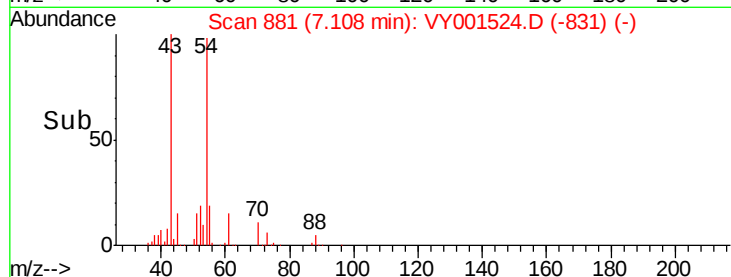
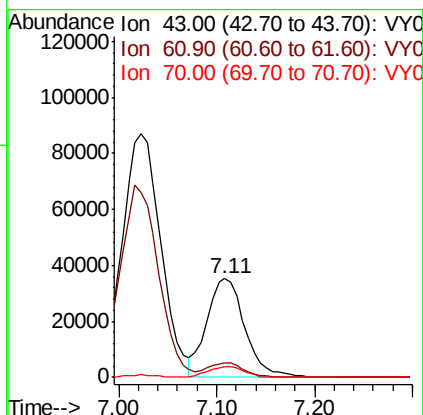
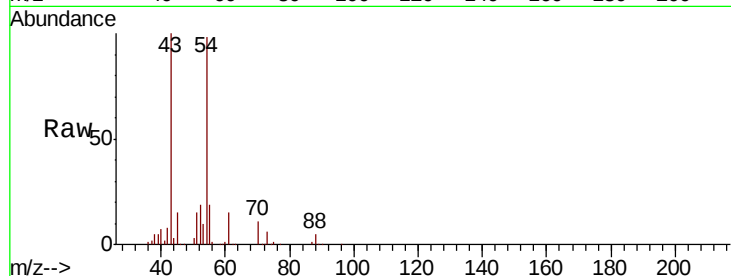




#37
Ethyl Acetate
Concen: 52.302 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

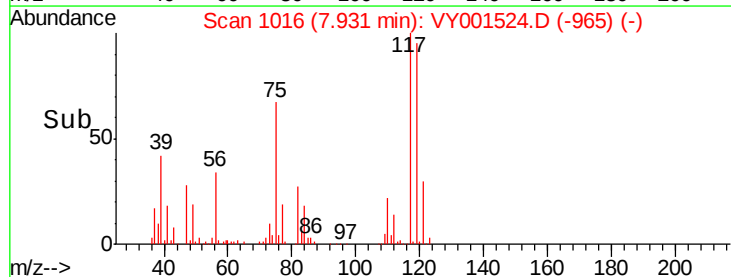
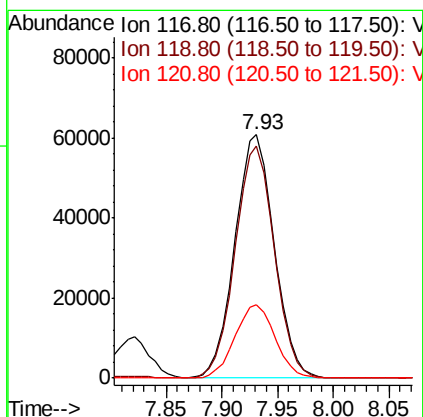
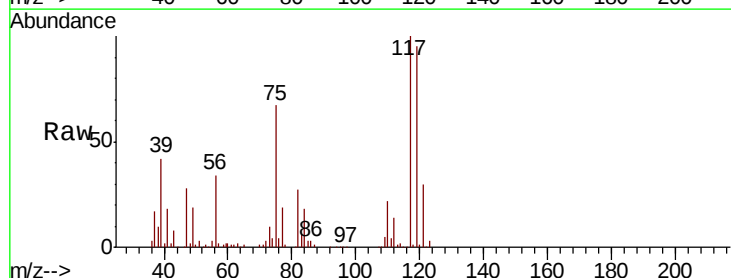
Instrument :
MSVOA_Y
ClientSampled :

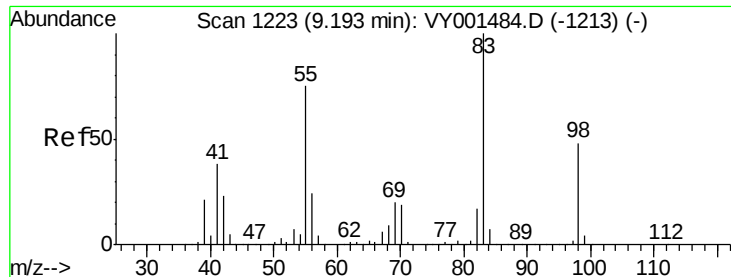
Tot Ion: 43 Resp: 94678
Ion Ratio Lower Upper
43 100
61 14.3 12.0 18.0
70 10.6 10.2 15.4



#38
Carbon Tetrachloride
Concen: 41.273 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 117 Resp: 149321
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 29.9 24.2 36.4

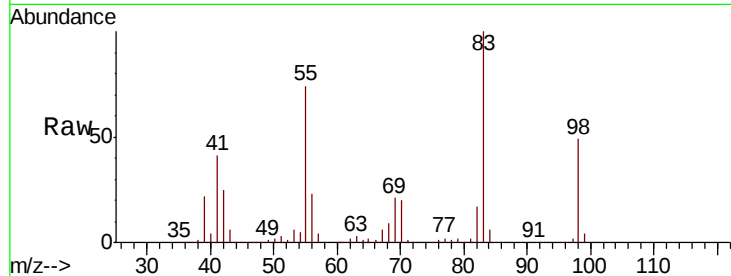




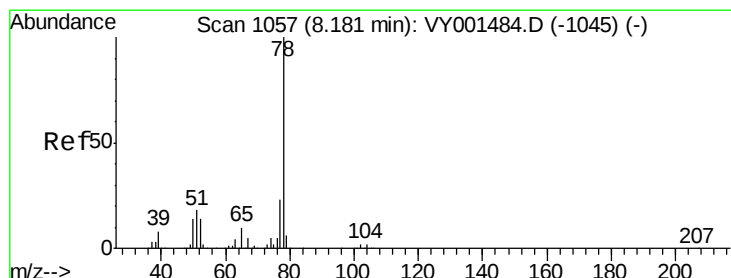
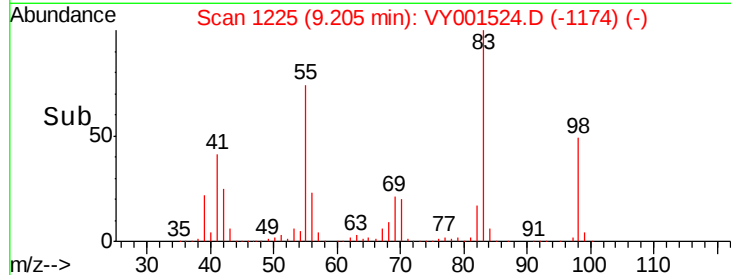
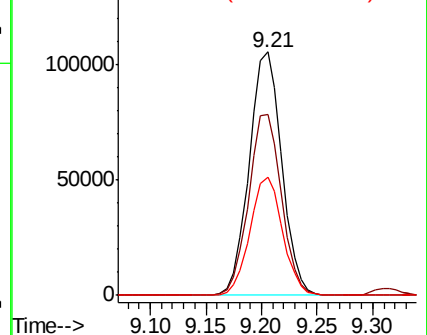
#39
Methvlcvclohexane
Concen: 43.770 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 215512
Ion Ratio Lower Upper
83 100
55 74.1 59.8 89.6
98 48.6 38.6 57.8

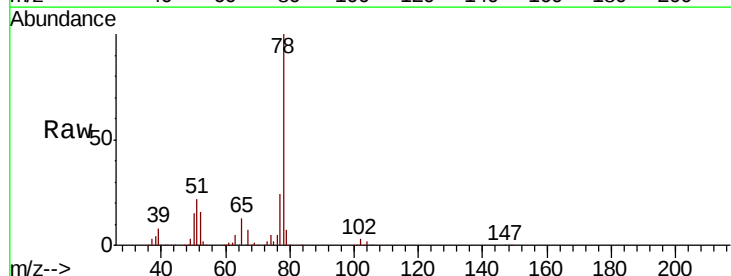


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

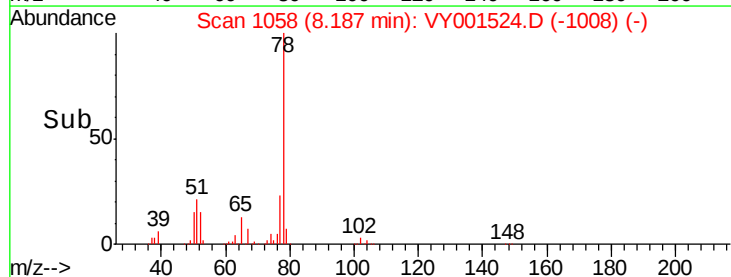
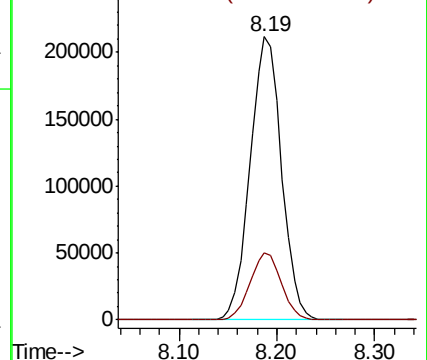


#40
Benzene
Concen: 44.089 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 78 Resp: 470251
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



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

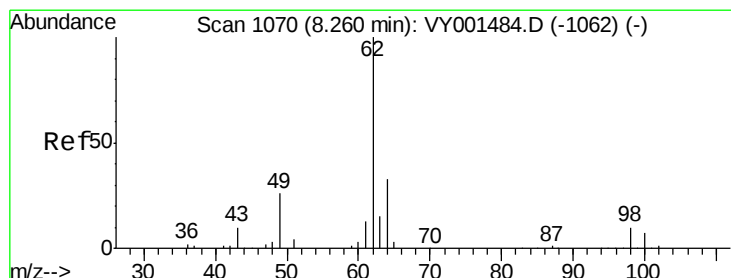
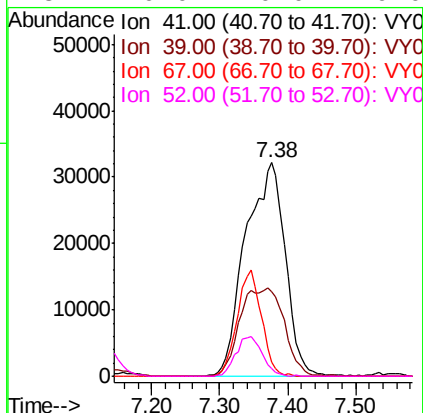
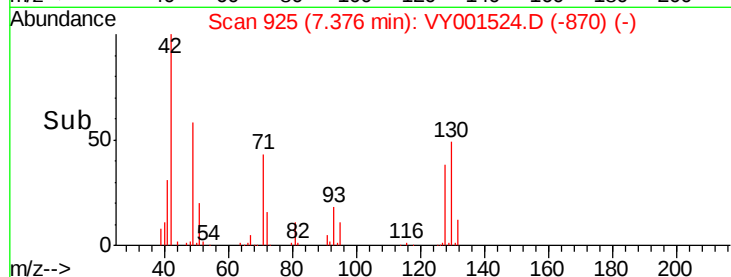
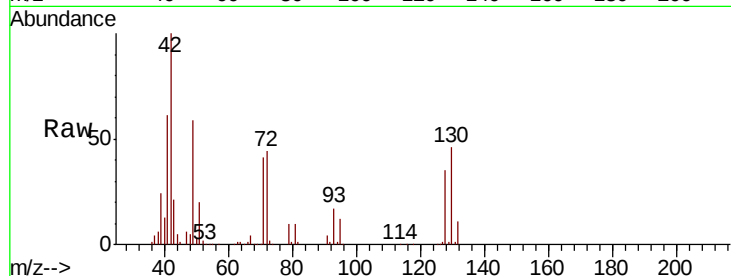




#41
Methacrylonitrile
Concen: 155.641 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.04 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

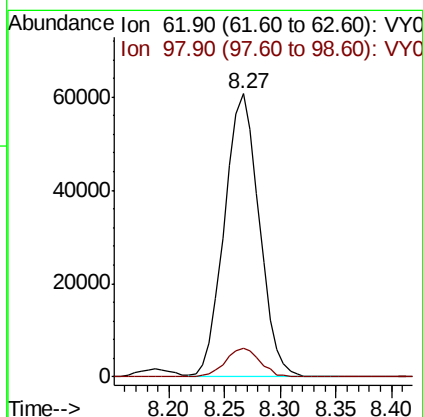
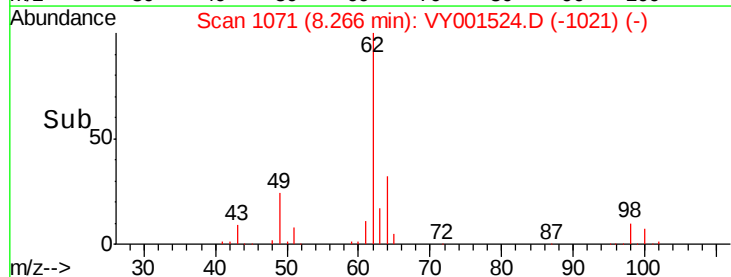
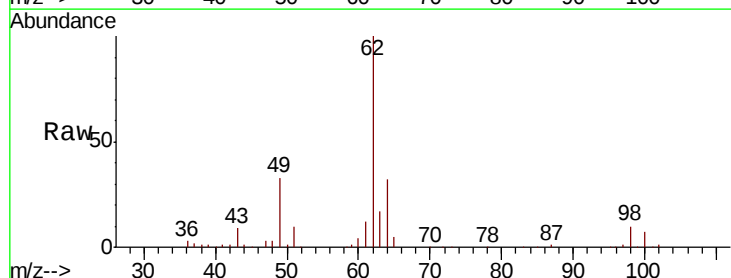
Instrument :
MSVOA_Y
ClientSampleId :

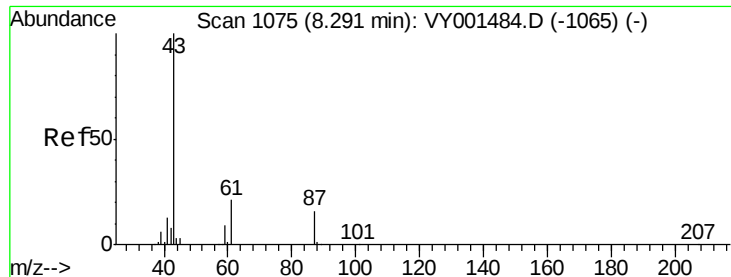
Tot Ion: 41 Resp: 130580
Ion Ratio Lower Upper
41 100
39 0.0 116.8 175.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 44.234 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 62 Resp: 131444
Ion Ratio Lower Upper
62 100
98 10.1 0.0 21.0

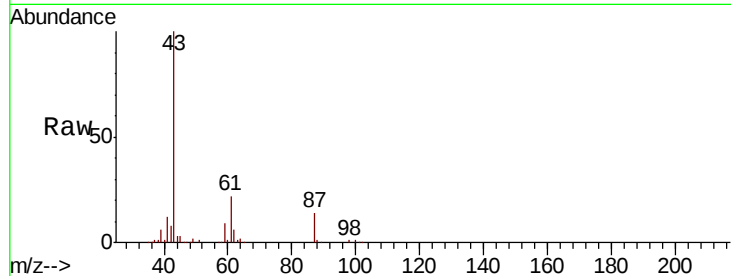




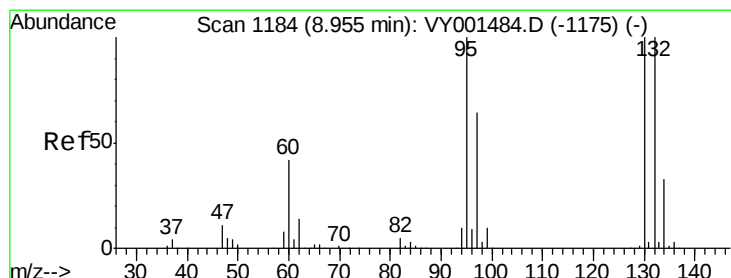
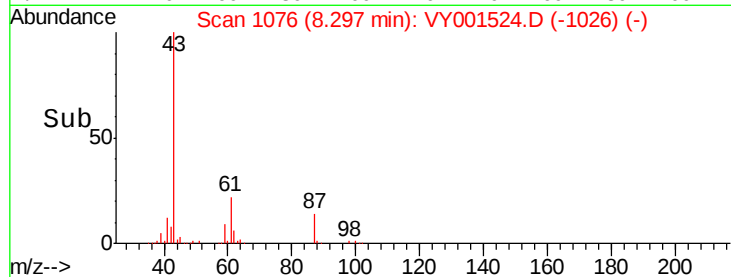
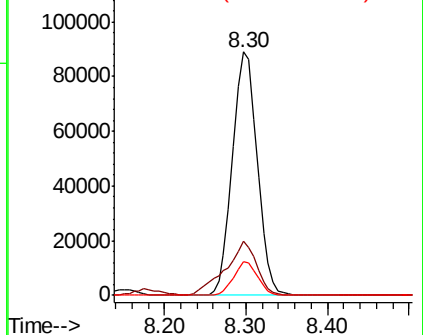
#43
Isopropyl Acetate
Concen: 52.223 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 187176
Ion Ratio Lower Upper
43 100
61 27.9 25.1 37.7
87 13.3 12.6 19.0

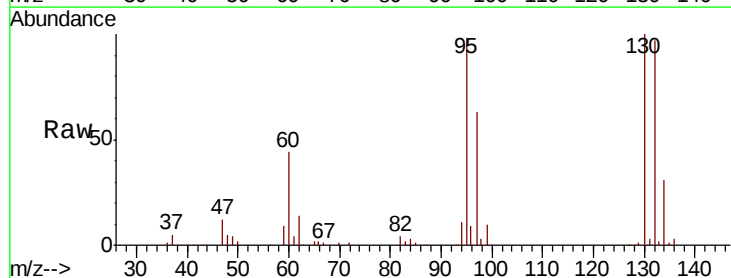


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

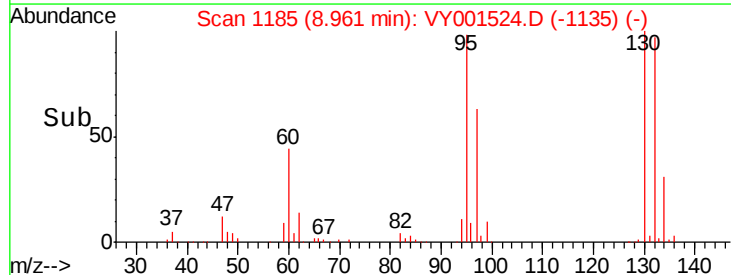
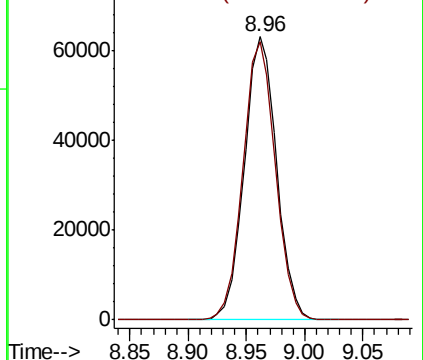


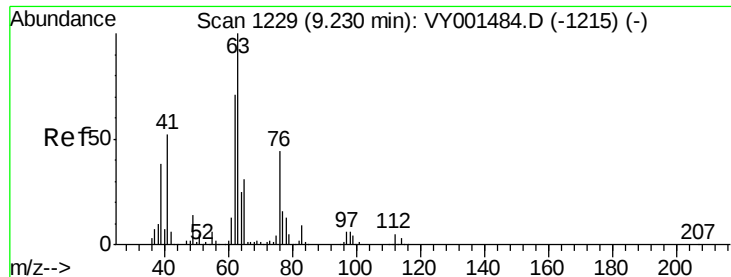
#44
Trichloroethene
Concen: 42.354 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:130 Resp: 121768
Ion Ratio Lower Upper
130 100
95 98.4 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: 46.349 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

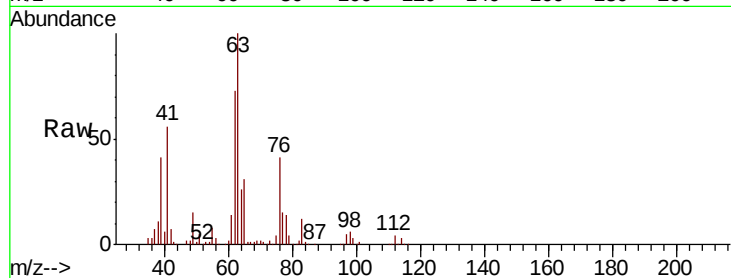
ClientSampleId :

Tot Ion: 63 Resp: 119376

Ion Ratio Lower Upper

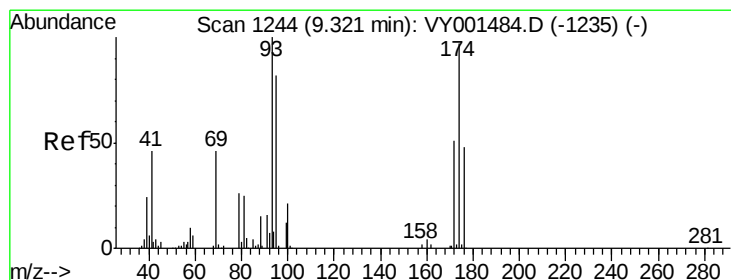
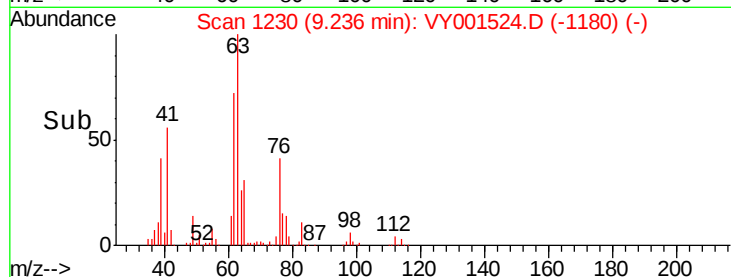
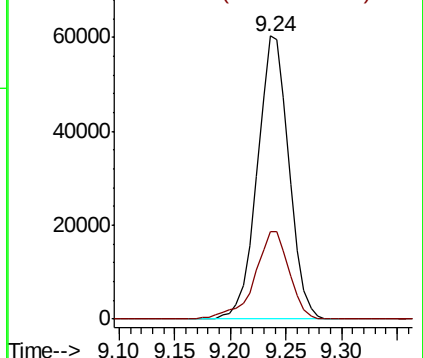
63 100

65 30.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 44.402 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

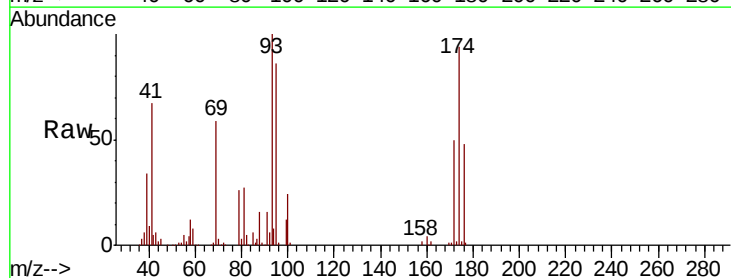
Tgt Ion: 93 Resp: 64217

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

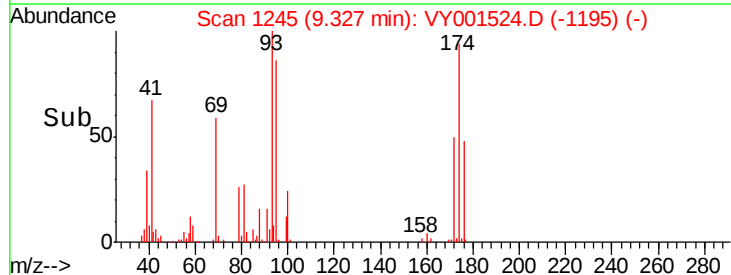
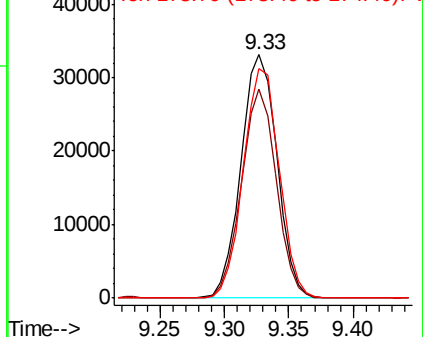
174 93.9 75.4 113.2

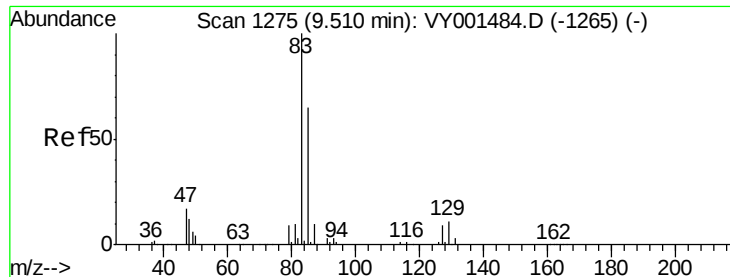


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 43.428 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampled :

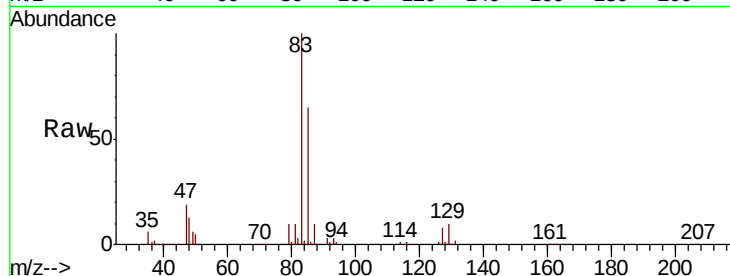
Tot Ion: 83 Resp: 153033

Ion Ratio Lower Upper

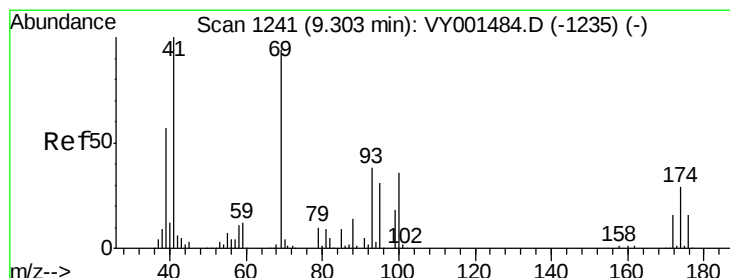
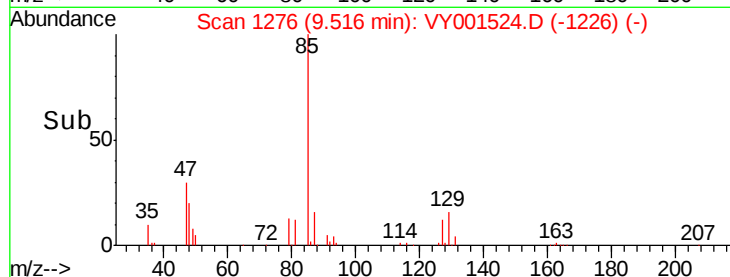
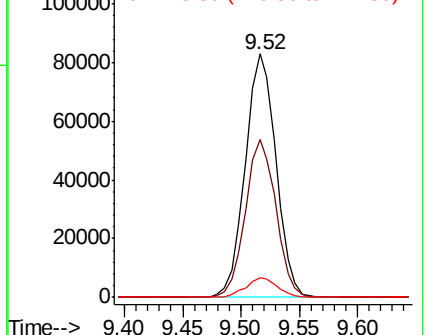
83 100

85 64.7 51.9 77.9

127 8.0 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: 52.241 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

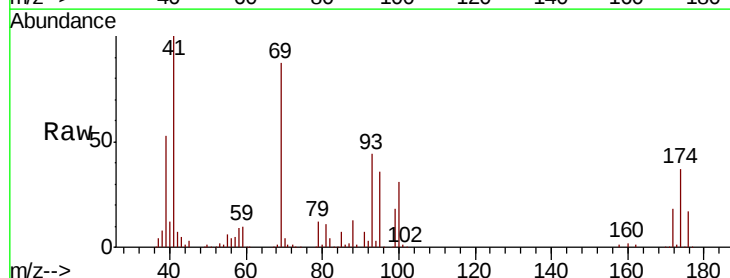
Tgt Ion: 41 Resp: 84982

Ion Ratio Lower Upper

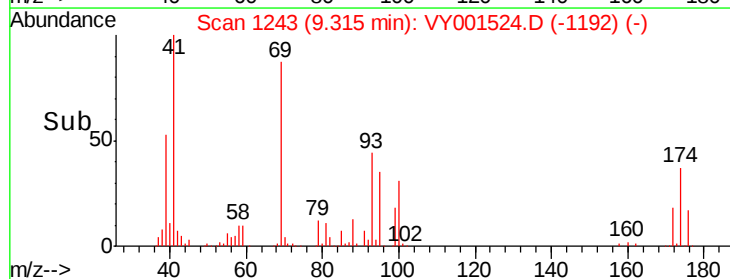
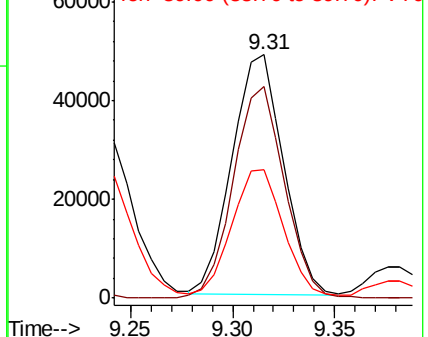
41 100

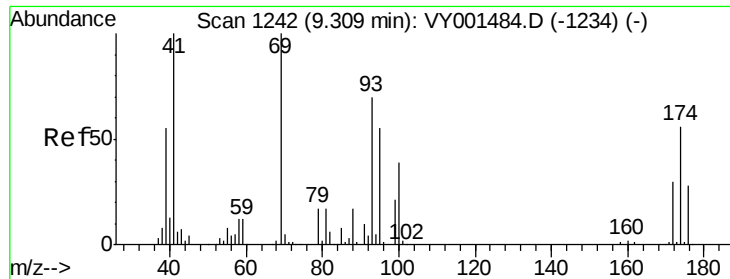
69 87.9 76.6 114.8

39 54.7 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: 876.390 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

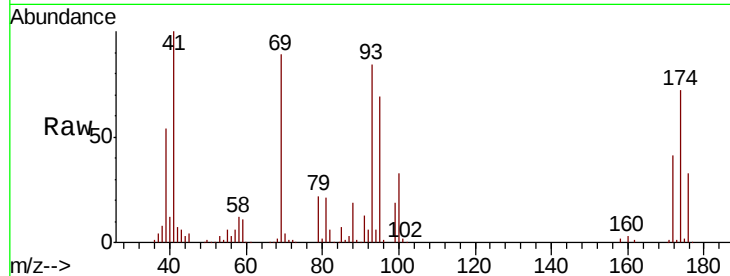
Tot Ion: 88 Resp: 16739

Ion Ratio Lower Upper

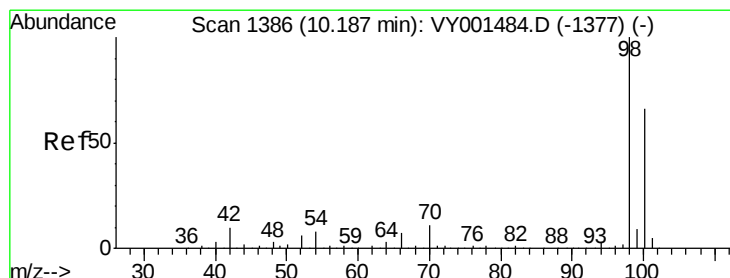
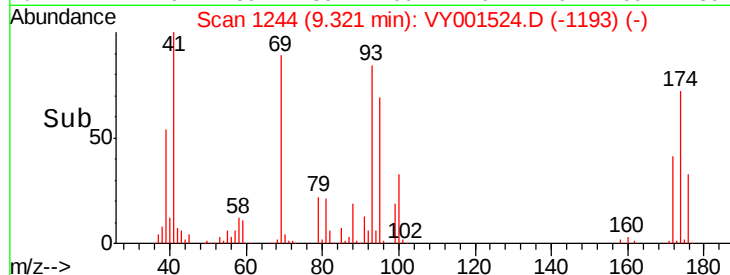
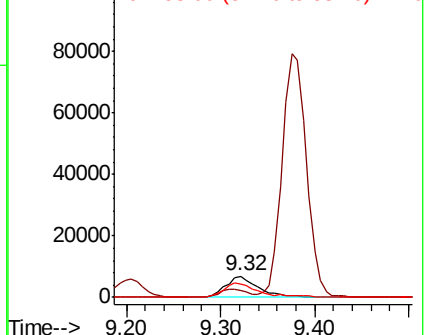
88 100

43 33.2 24.8 37.2

58 73.9 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: 49.373 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001524.D

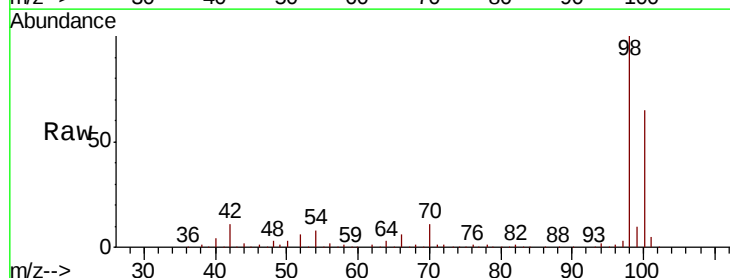
Acq: 06 Feb 2020 11:44

Tgt Ion: 98 Resp: 440310

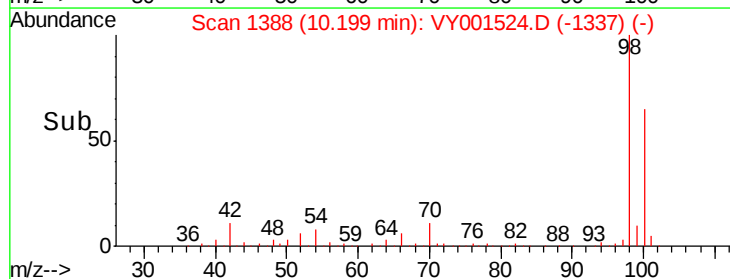
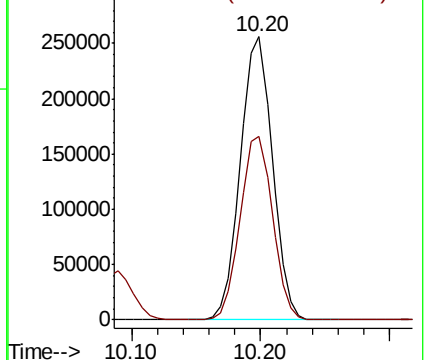
Ion Ratio Lower Upper

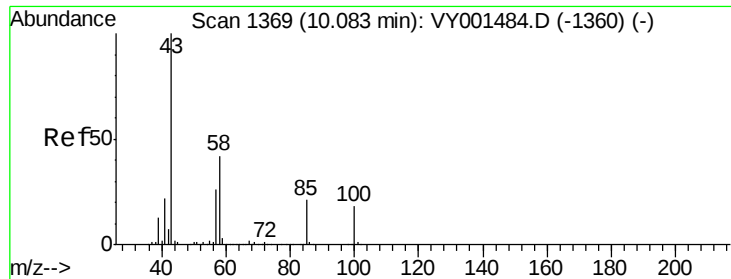
98 100

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: 270.279 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

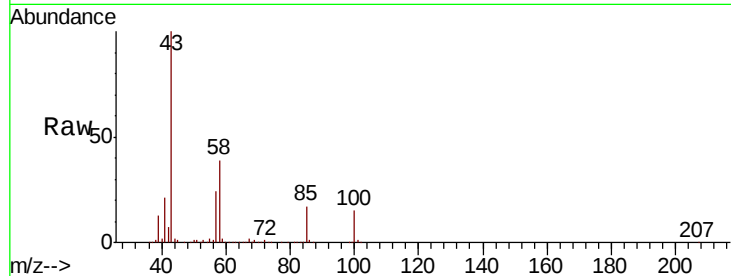
ClientSampleId :

Tot Ion: 43 Resp: 477070

Ion Ratio Lower Upper

43 100

58 39.9 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001524.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001524.D (-1370) (-)

10.09

300000

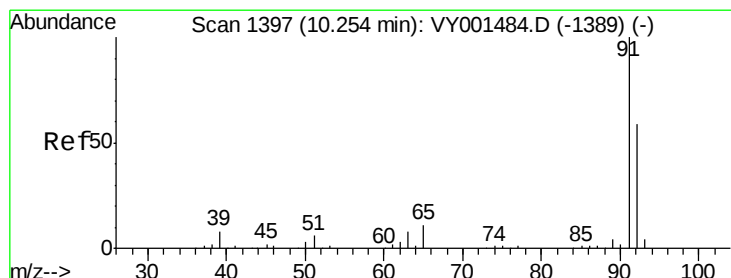
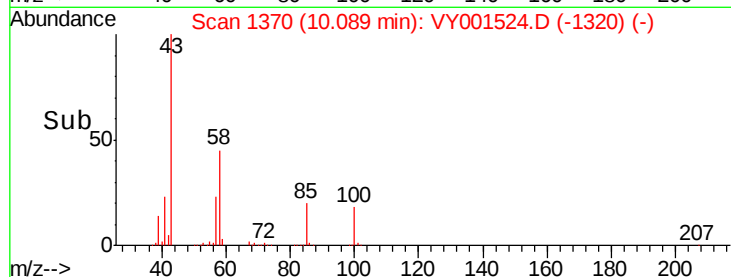
200000

100000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 44.304 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001524.D

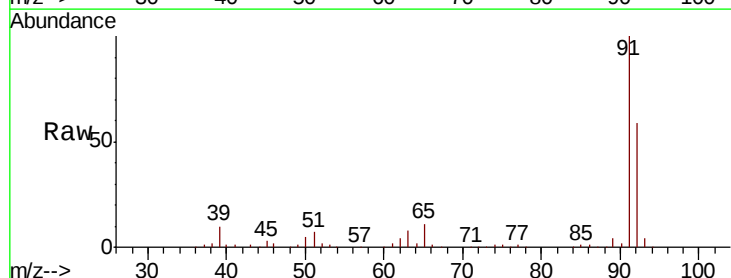
Acq: 06 Feb 2020 11:44

Tgt Ion: 92 Resp: 299833

Ion Ratio Lower Upper

92 100

91 172.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001524.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001524.D (-1398) (-)

10.26

300000

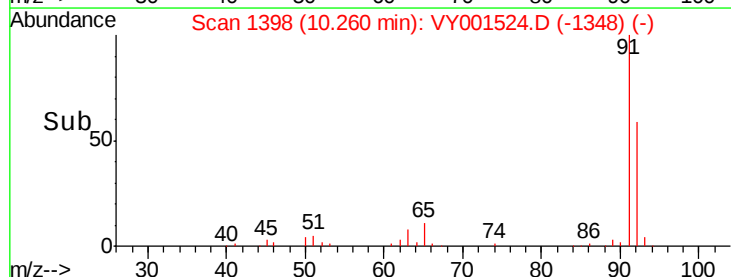
200000

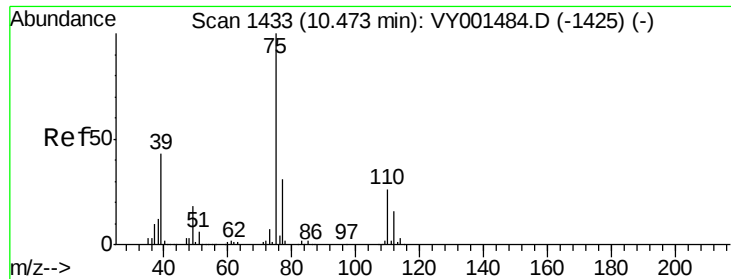
100000

0

10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.569 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

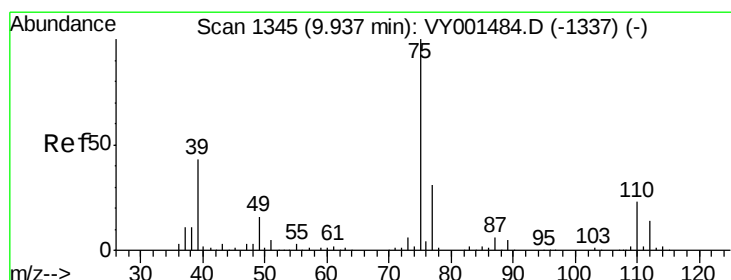
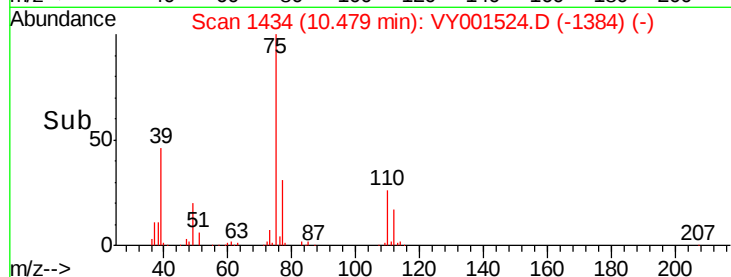
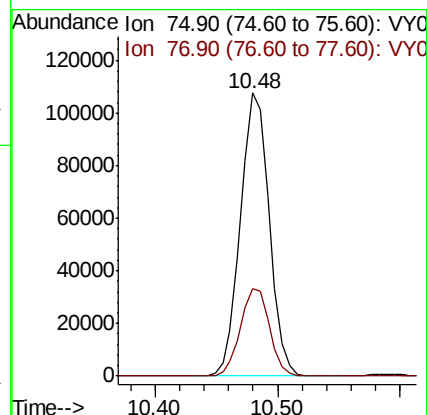
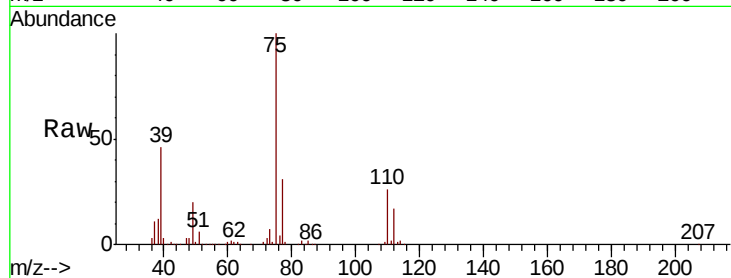
ClientSampleId :

Tot Ion: 75 Resp: 174898

Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 44.296 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

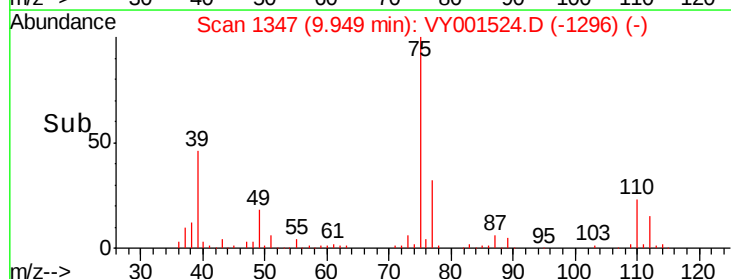
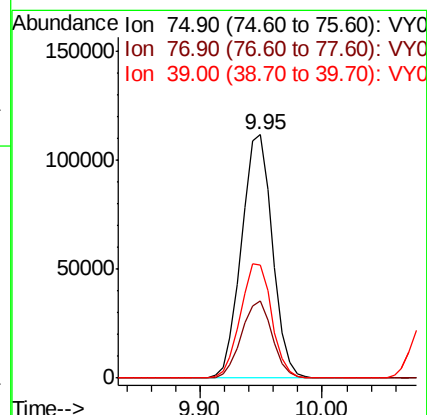
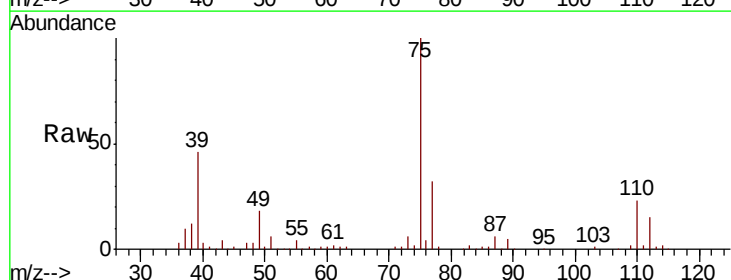
Tgt Ion: 75 Resp: 195180

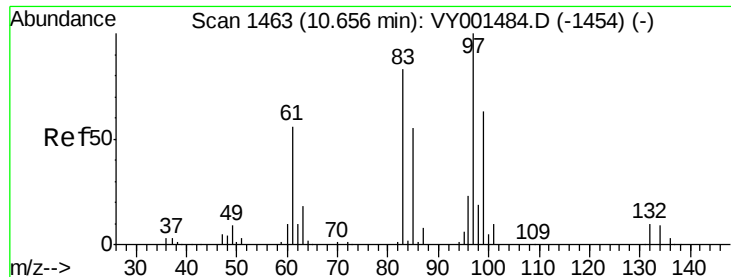
Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

39 46.5 34.0 51.0

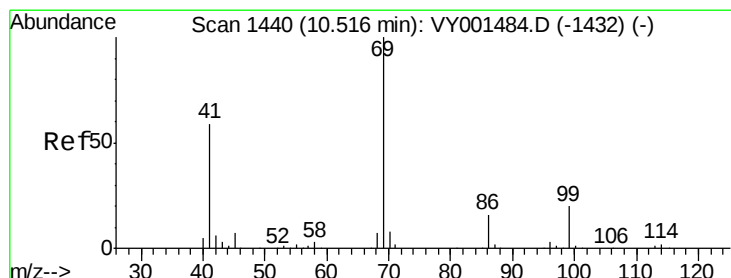
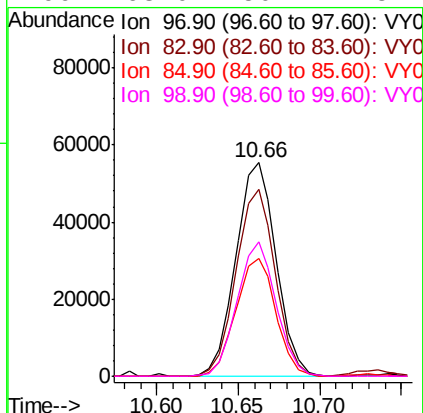
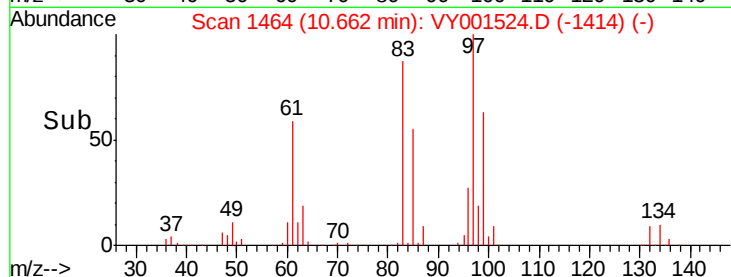
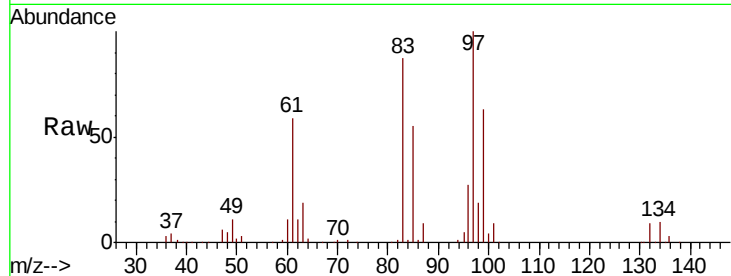




#55
 1,1,2-Trichloroethane
 Concen: 45.589 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

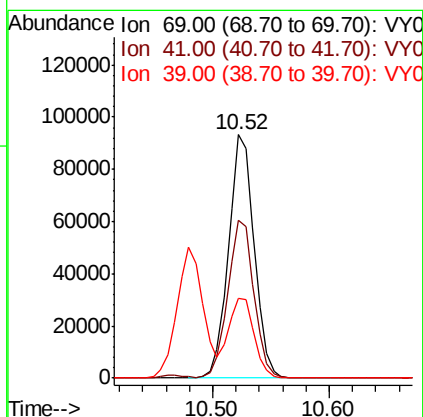
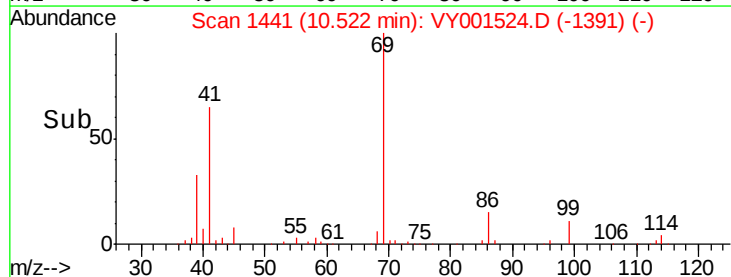
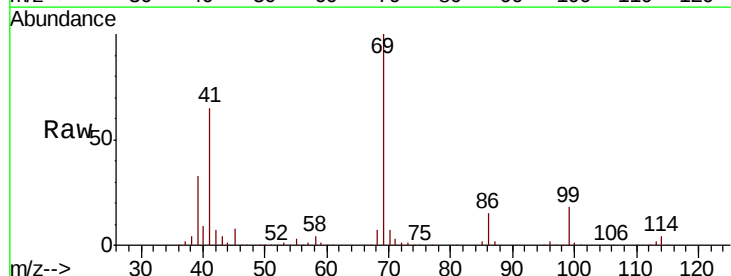
Instrument :
 MSVOA_Y
 ClientSampleId :

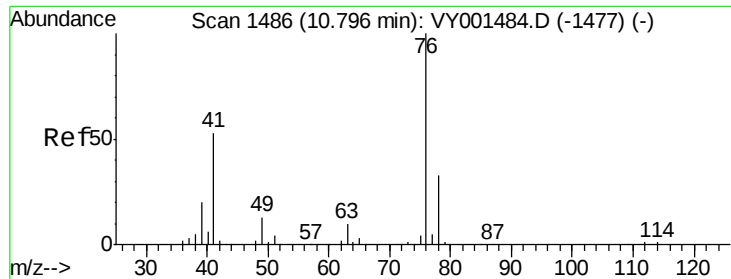
Tot Ion: 97 Resp: 94598
 Ion Ratio Lower Upper
 97 100
 83 87.5 66.2 99.2
 85 55.1 43.8 65.6
 99 63.0 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 48.344 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 69 Resp: 142680
 Ion Ratio Lower Upper
 69 100
 41 65.6 47.8 71.8
 39 33.0 24.4 36.6

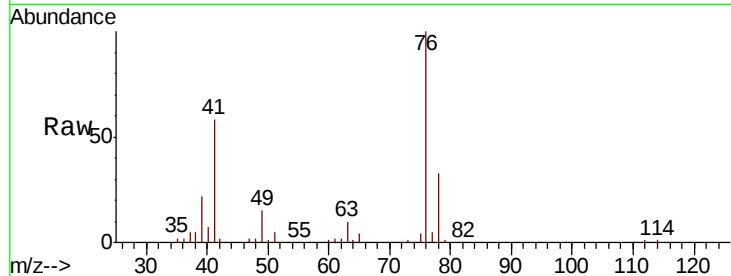




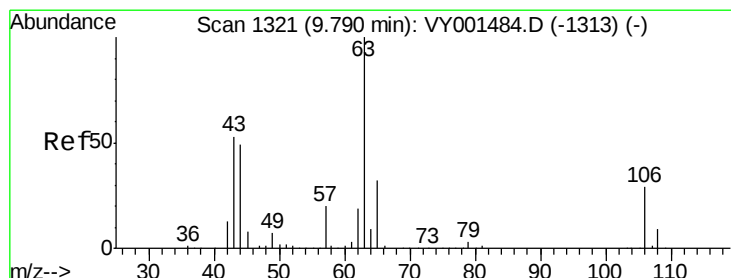
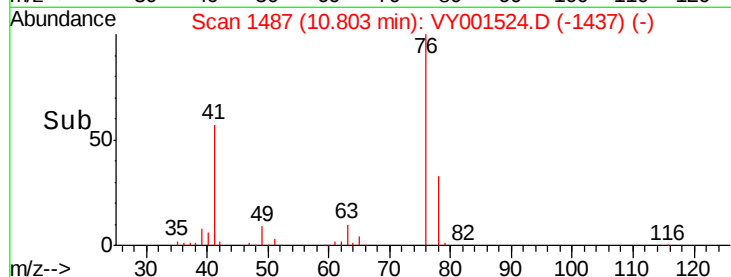
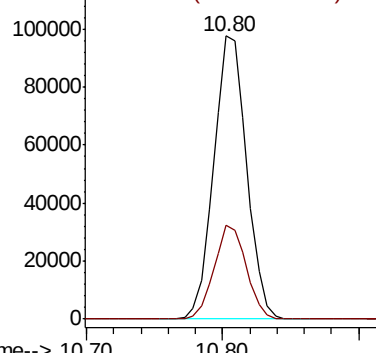
#57
 1,3-Dichloropropane
 Concen: 44.974 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 164504
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5

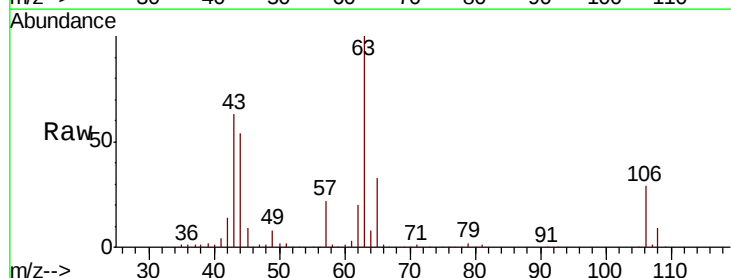


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

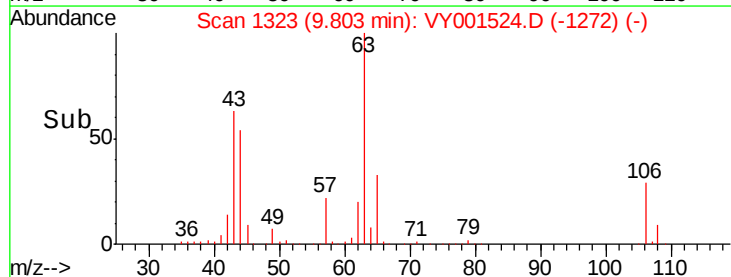
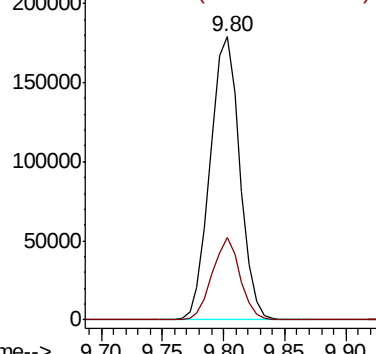


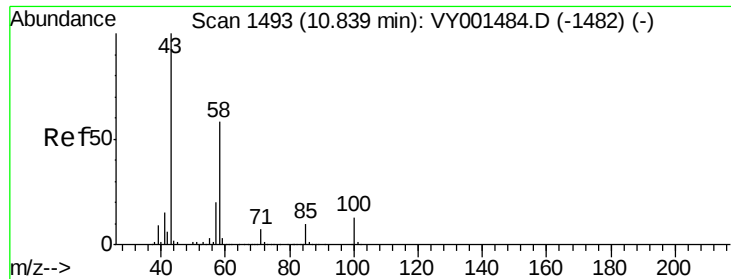
#58
 2-Chloroethyl Vinyl ether
 Concen: 275.981 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 63 Resp: 299641
 Ion Ratio Lower Upper
 63 100
 106 27.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
 Ion 105.90 (105.60 to 106.60): V

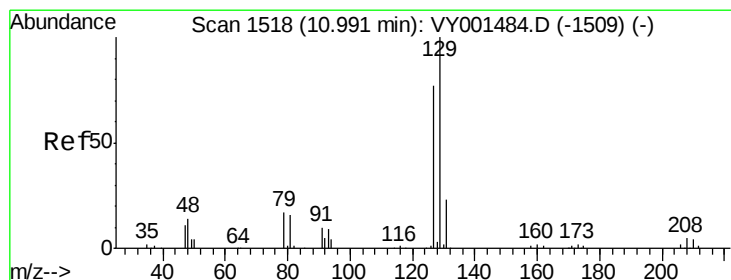
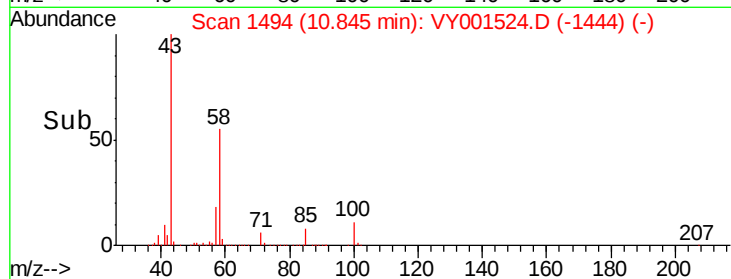
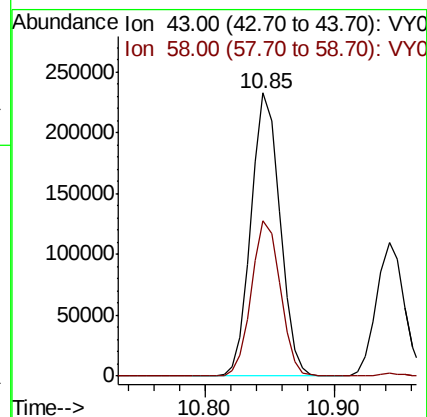
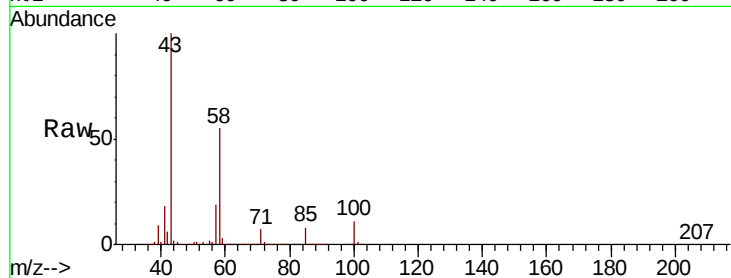




#59
2-Hexanone
Concen: 280.934 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

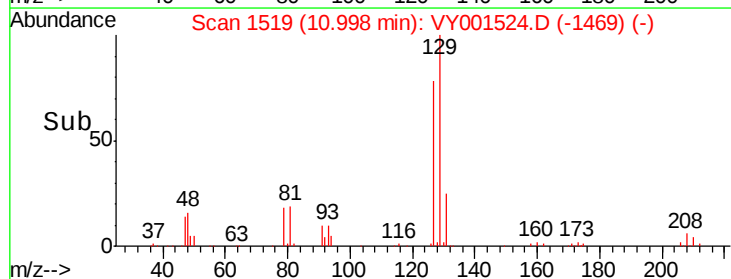
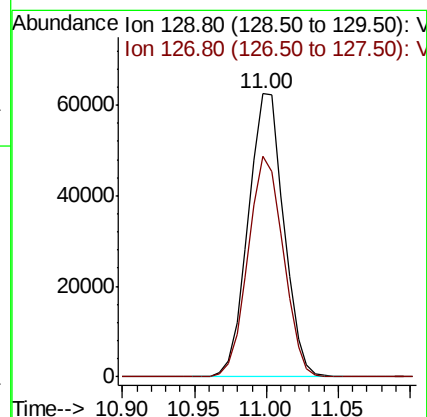
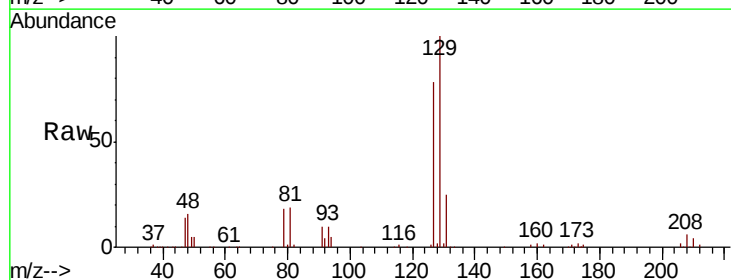
Instrument :
MSVOA_Y
ClientSampleId :

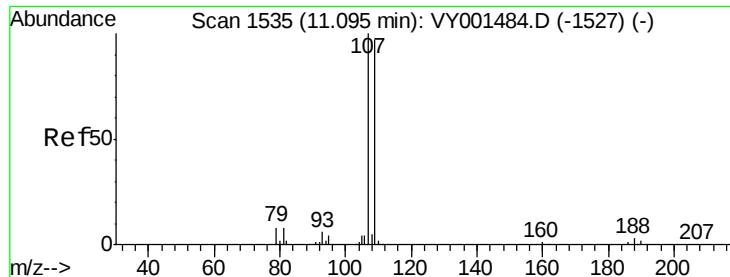
Tot Ion: 43 Resp: 360546
Ion Ratio Lower Upper
43 100
58 54.7 29.0 87.0



#60
Dibromochloromethane
Concen: 43.606 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 129 Resp: 106657
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

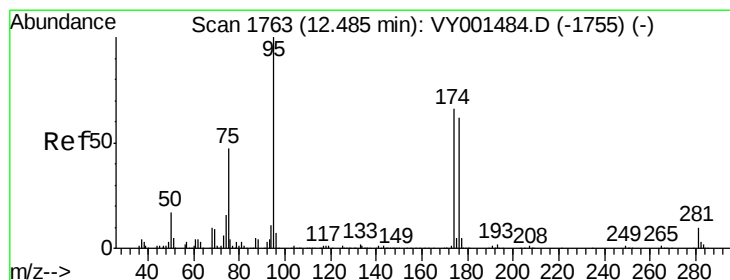
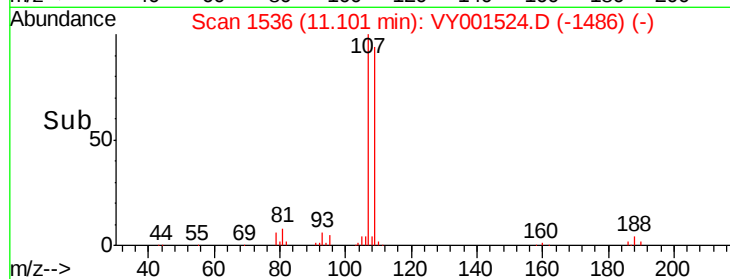
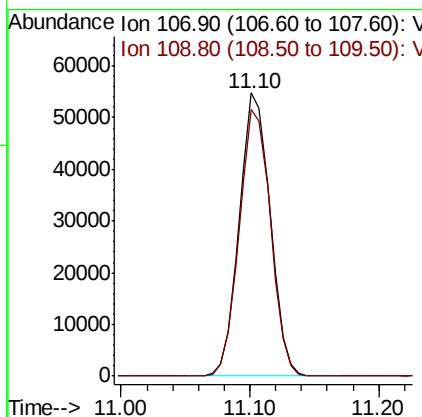
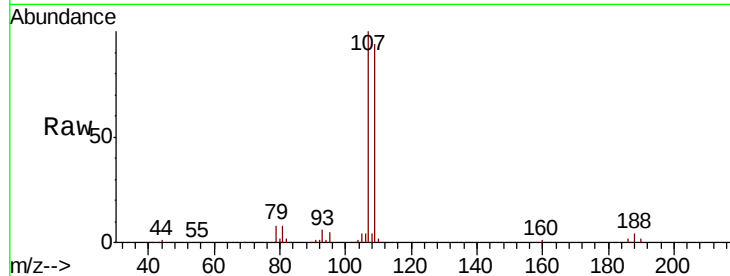




#61
 1,2-Dibromoethane
 Concen: 44.425 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

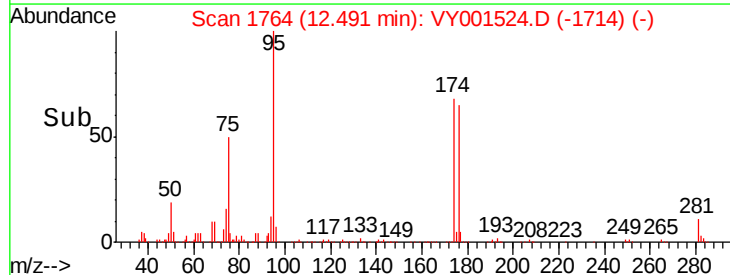
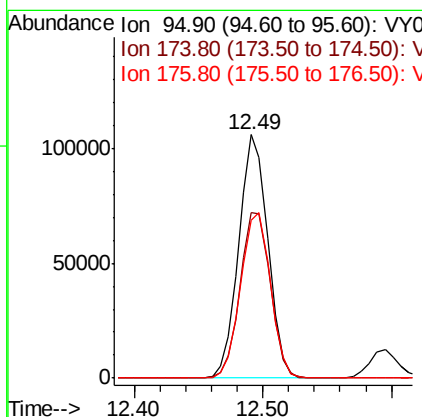
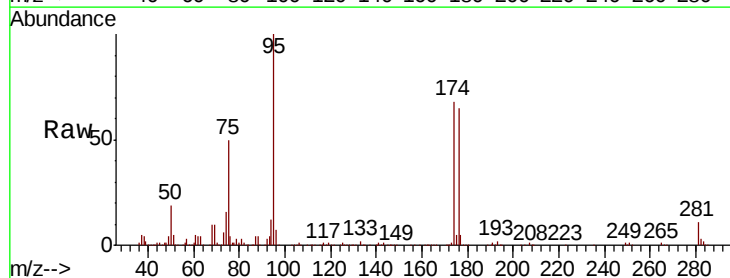
Instrument :
 MSVOA_Y
 ClientSampleId :

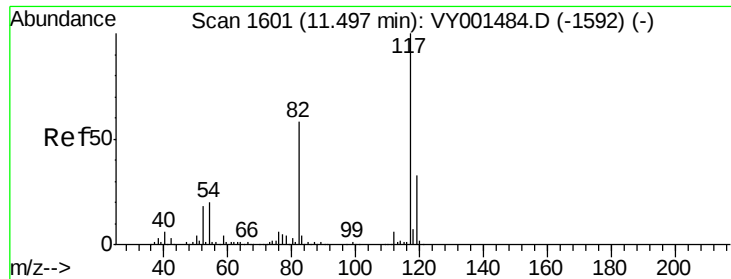
Tot Ion:107 Resp: 90795
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 47.014 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion: 95 Resp: 165170
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 141.4
 176 69.7 0.0 135.4

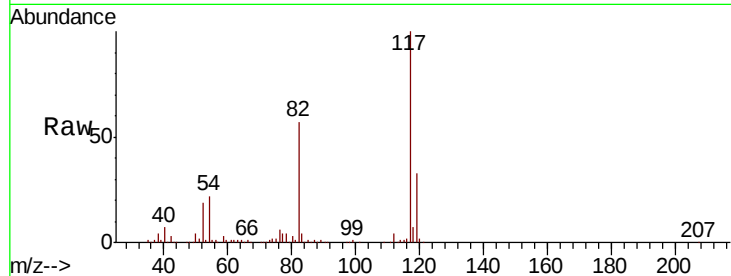




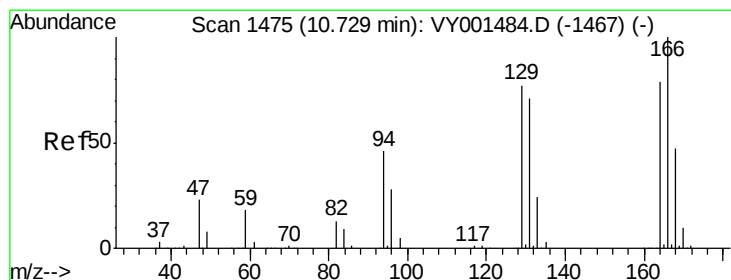
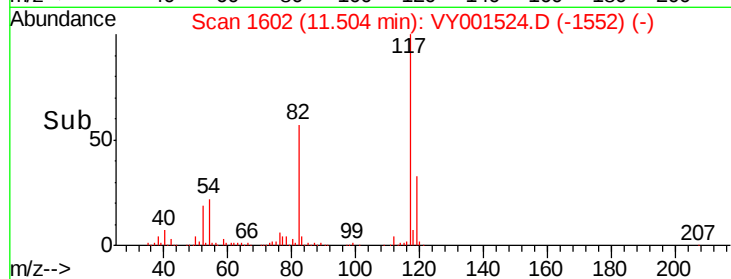
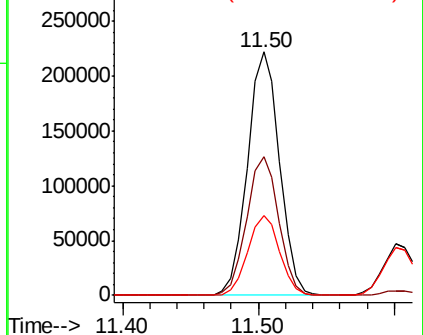
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 366250
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 32.5 26.1 39.1

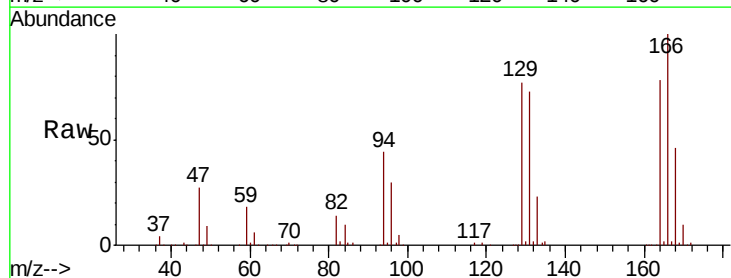


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

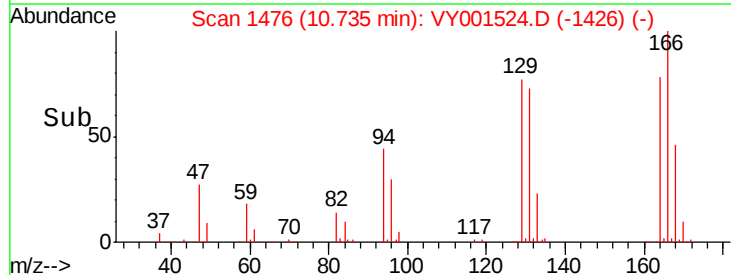
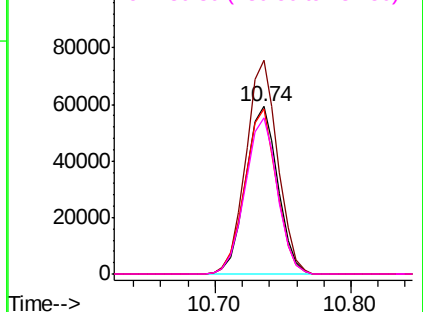


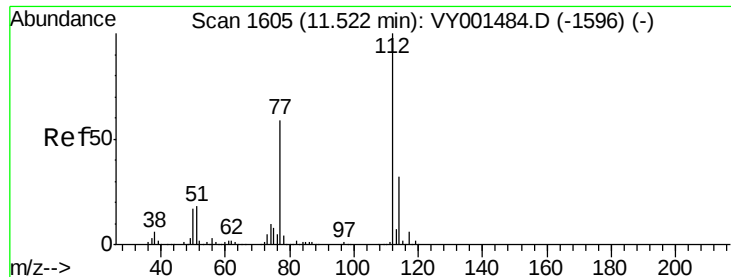
#64
Tetrachloroethene
Concen: 40.951 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:164 Resp: 98360
Ion Ratio Lower Upper
164 100
166 127.8 100.8 151.2
129 98.6 77.8 116.6
131 93.4 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

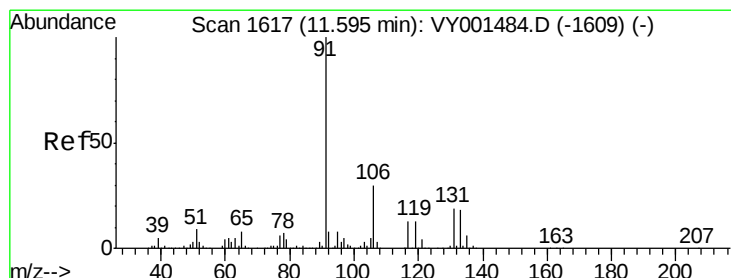
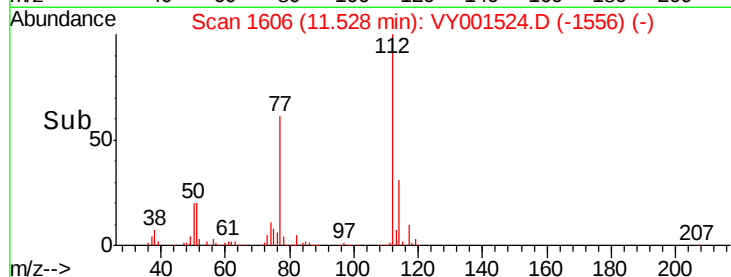
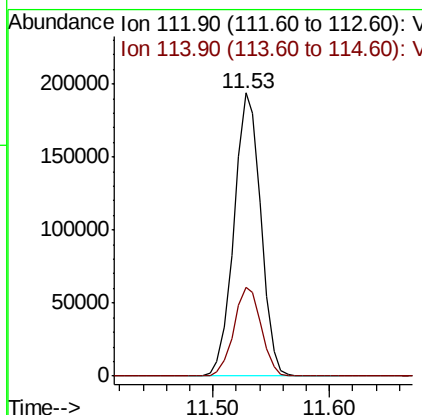
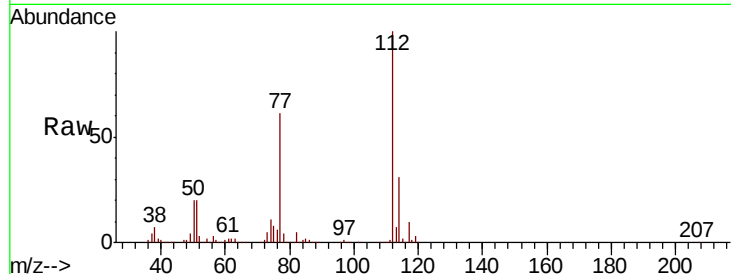




#65
Chlorobenzene
Concen: 43.123 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

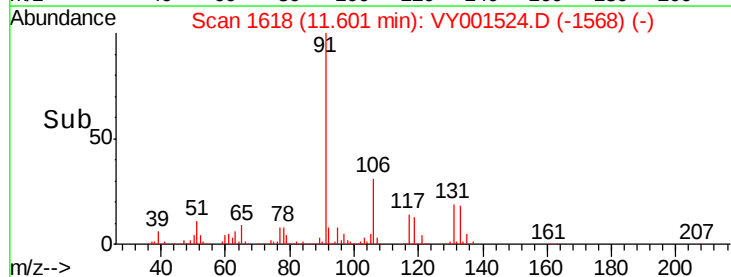
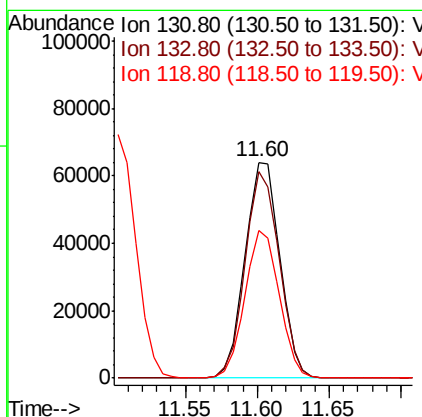
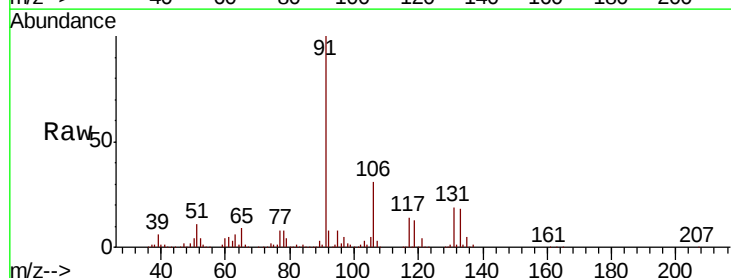
Instrument :
MSVOA_Y
ClientSampleId :

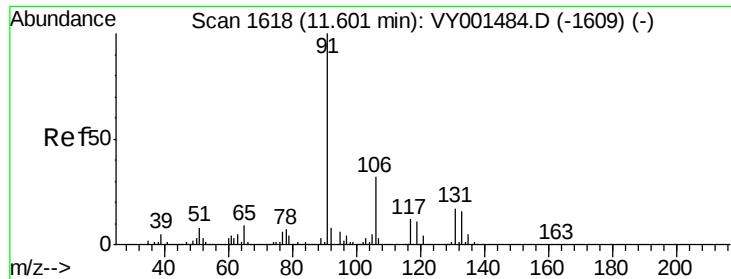
Tot Ion:112 Resp: 310108
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 42.536 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:131 Resp: 107058
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 67.5 33.7 101.0

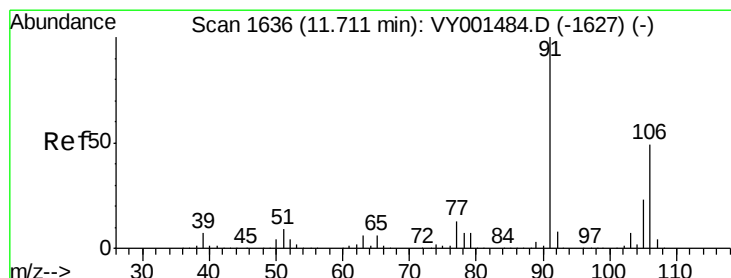
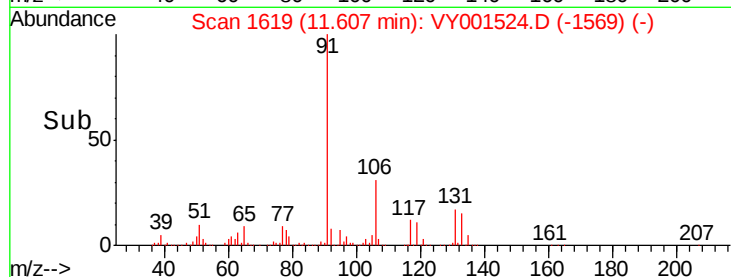
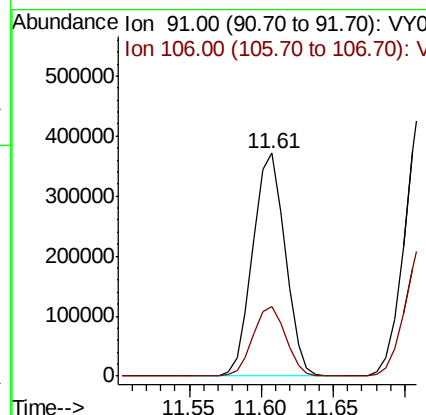
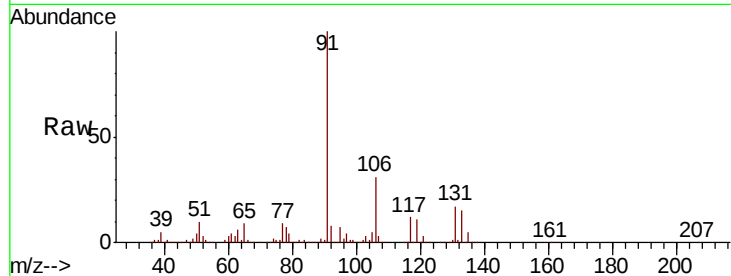




#67
Ethyl Benzene
Concen: 43.392 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

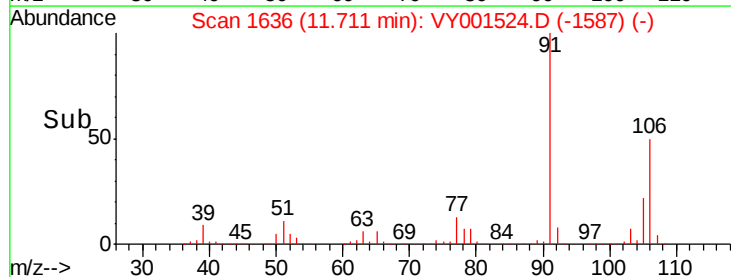
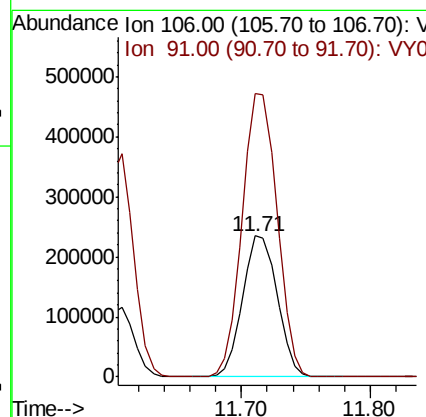
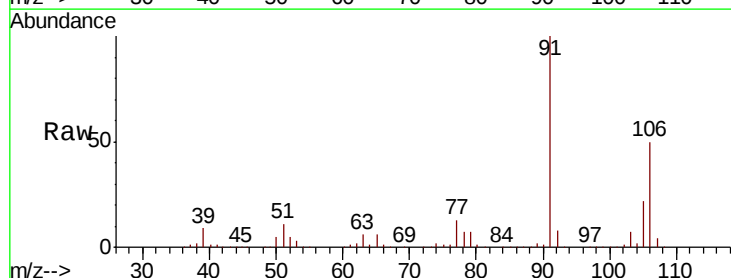
Instrument :
MSVOA_Y
ClientSampleId :

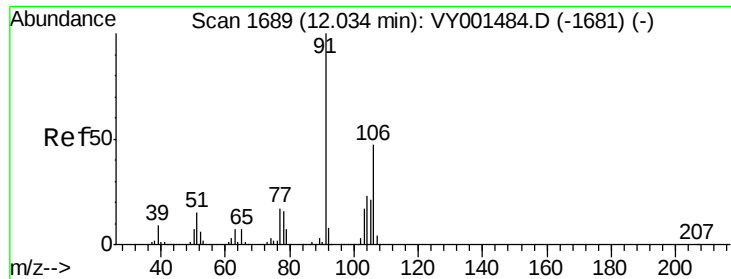
Tot Ion: 91 Resp: 576958
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 87.644 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 106 Resp: 437478
Ion Ratio Lower Upper
106 100
91 202.9 163.6 245.4

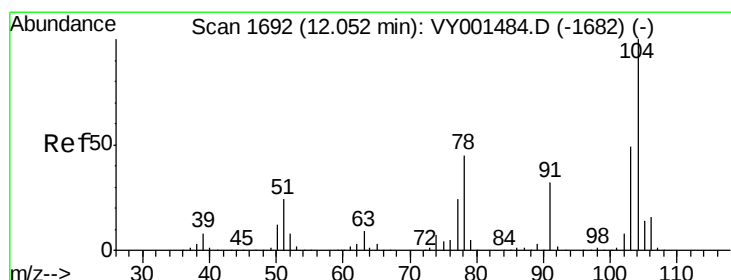
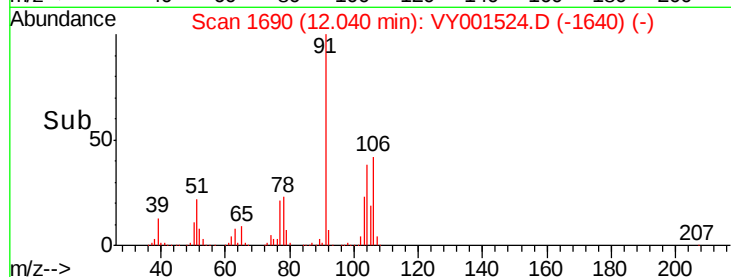
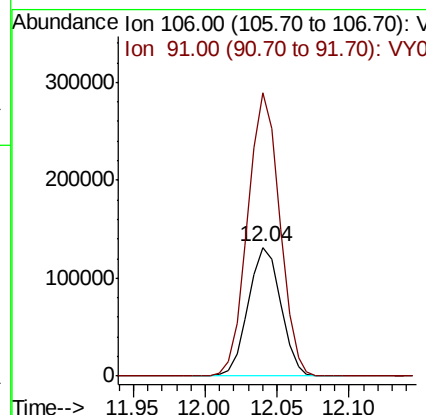
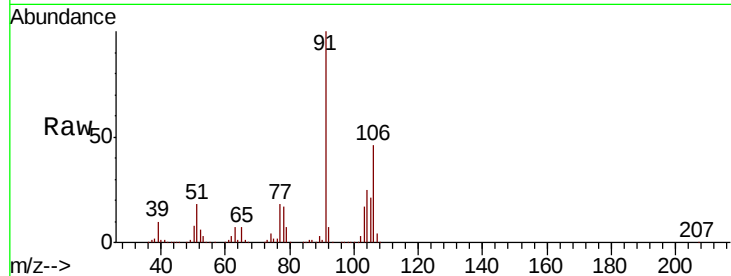




#69
o-Xylene
Concen: 43.727 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

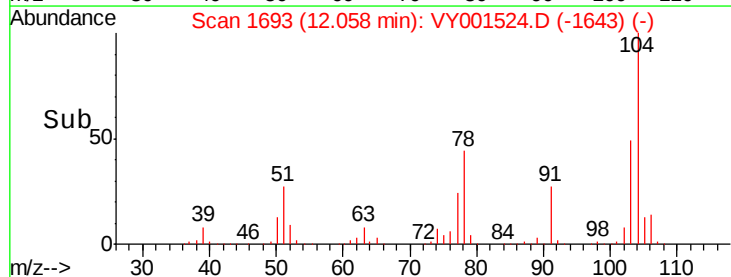
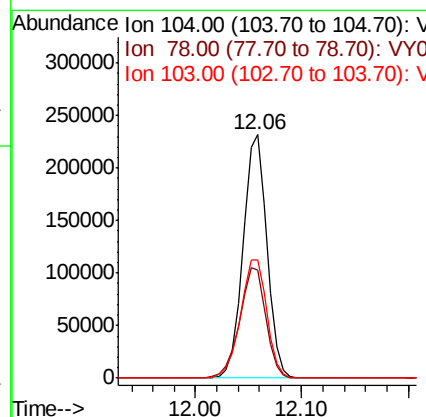
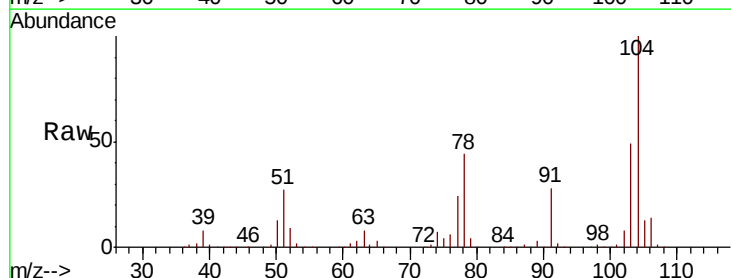
Instrument :
MSVOA_Y
ClientSampleId :

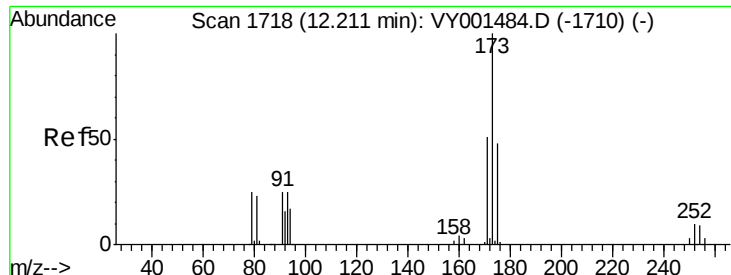
Tot Ion:106 Resp: 205796
Ion Ratio Lower Upper
106 100
91 216.3 106.0 318.0



#70
Styrene
Concen: 44.775 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:104 Resp: 364408
Ion Ratio Lower Upper
104 100
78 49.6 40.4 60.6
103 53.7 42.8 64.2





#71

Bromoform

Concen: 45.136 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampled :

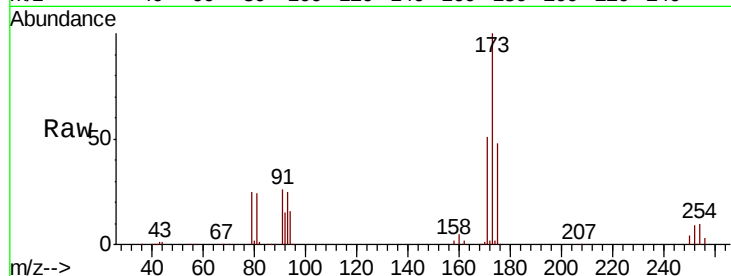
Tot Ion:173 Resp: 63257

Ion Ratio Lower Upper

173 100

175 48.7 24.0 72.0

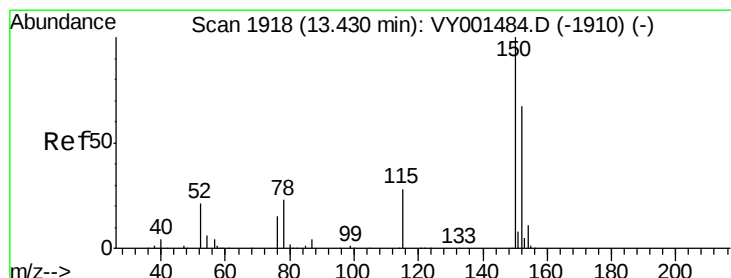
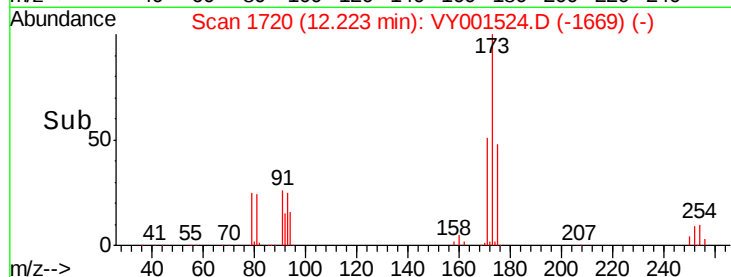
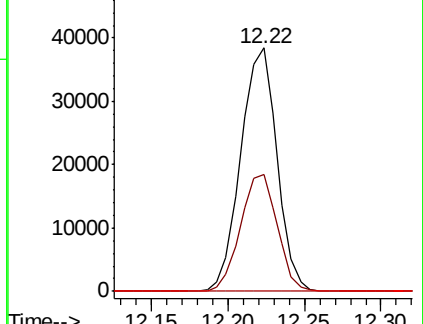
254 0.0 0.1 0.1#



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: VY001524.D

Acq: 06 Feb 2020 11:44

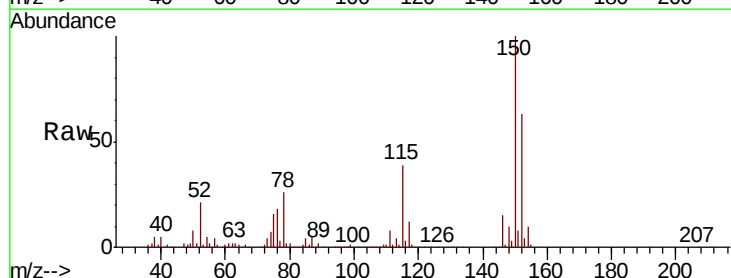
Tgt Ion:152 Resp: 176374

Ion Ratio Lower Upper

152 100

115 62.7 31.4 94.3

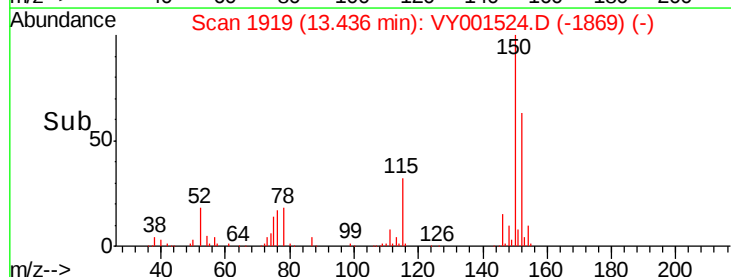
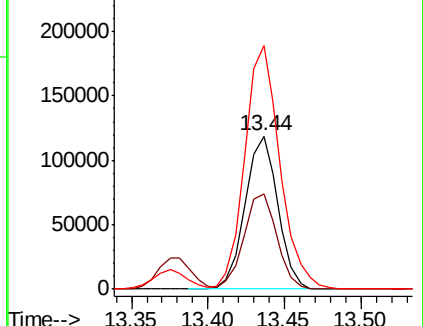
150 171.2 0.0 346.8

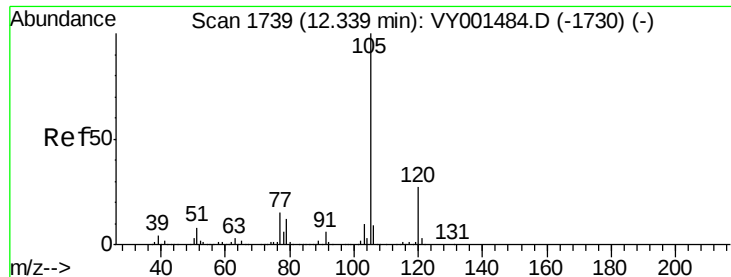


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

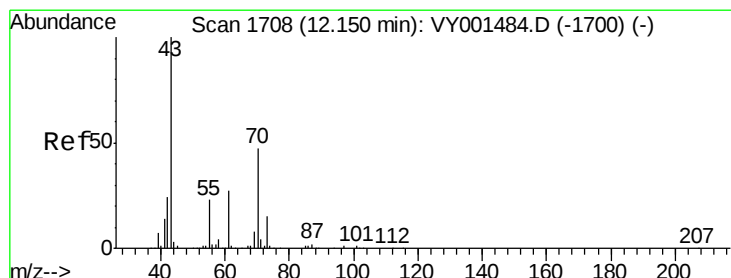
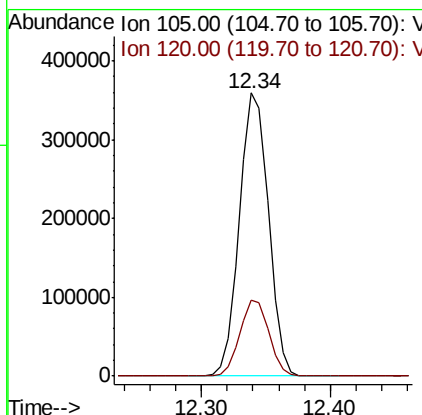
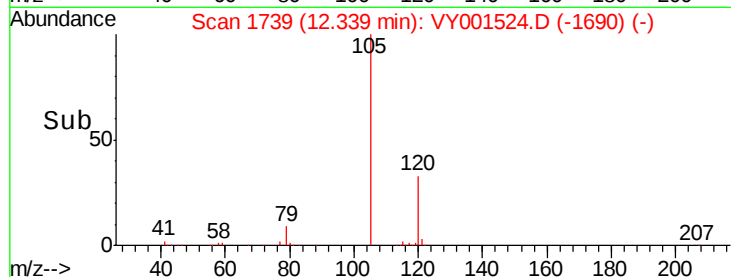
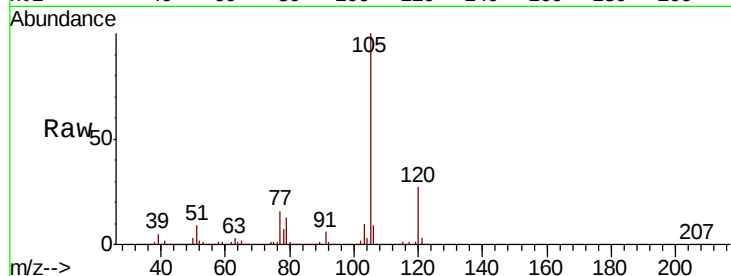




#73
Isopropylbenzene
Concen: 41.673 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

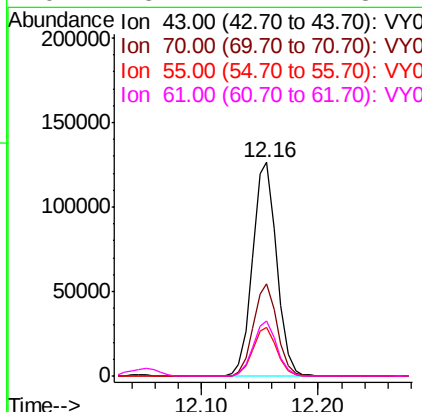
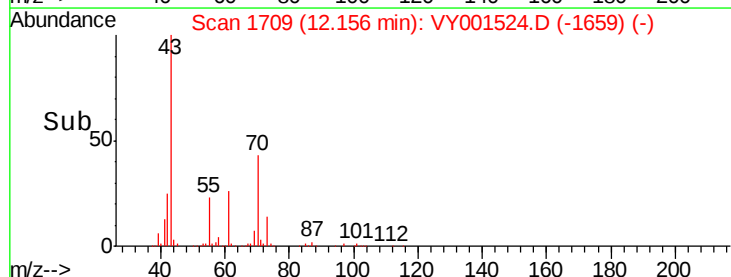
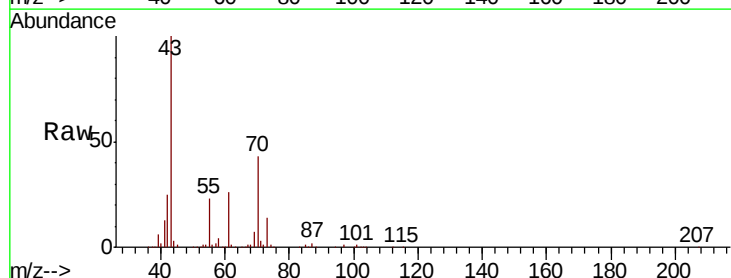
Instrument :
MSVOA_Y
ClientSampleId :

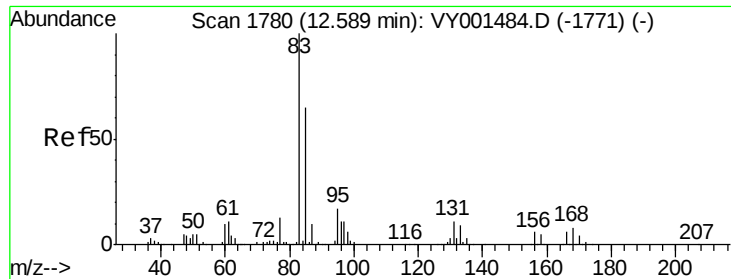
Tot Ion:105 Resp: 560578
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 52.016 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion: 43 Resp: 181822
Ion Ratio Lower Upper
43 100
70 42.5 37.2 55.8
55 22.5 18.8 28.2
61 25.2 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.002 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

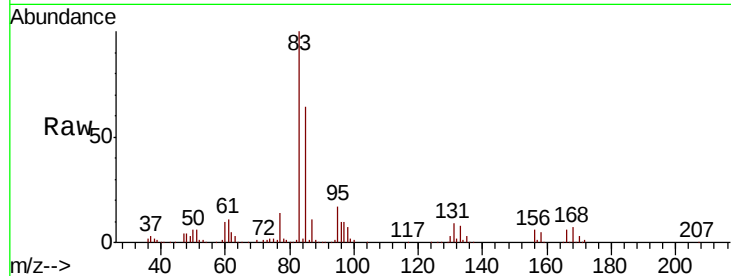
Tot Ion: 83 Resp: 120124

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

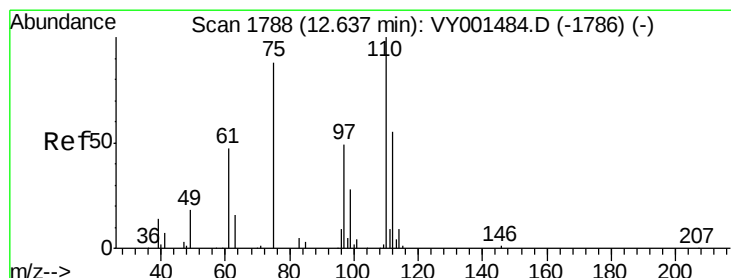
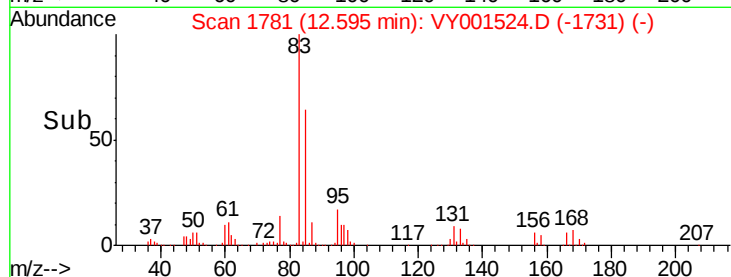
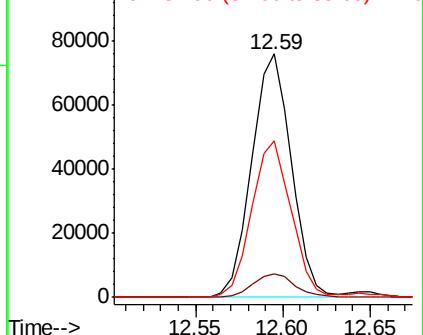
85 64.1 32.0 96.0



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: 84.586 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY001524.D

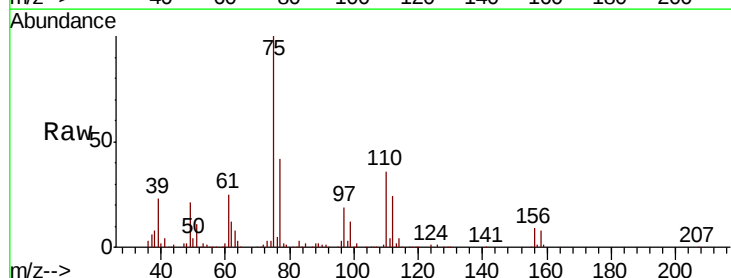
Acq: 06 Feb 2020 11:44

Tgt Ion: 75 Resp: 160437

Ion Ratio Lower Upper

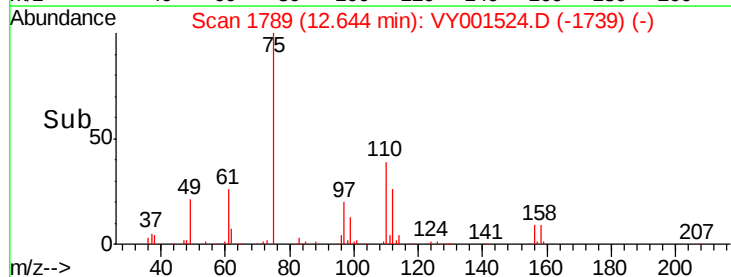
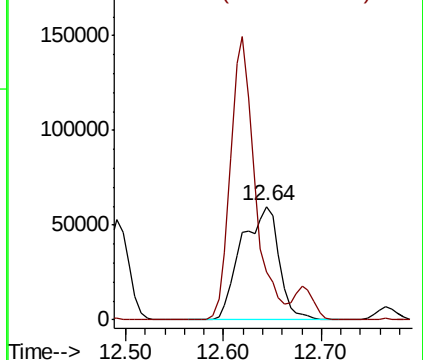
75 100

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: 42.026 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

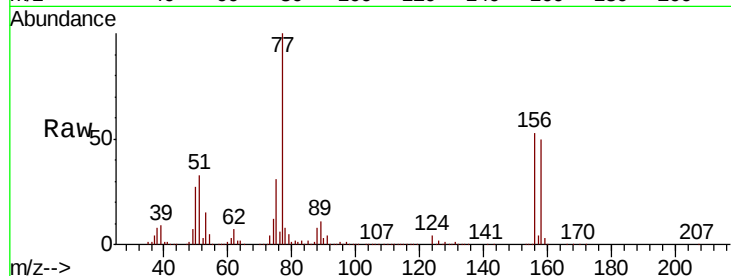
Tot Ion:156 Resp: 122342

Ion Ratio Lower Upper

156 100

77 212.3 99.8 299.3

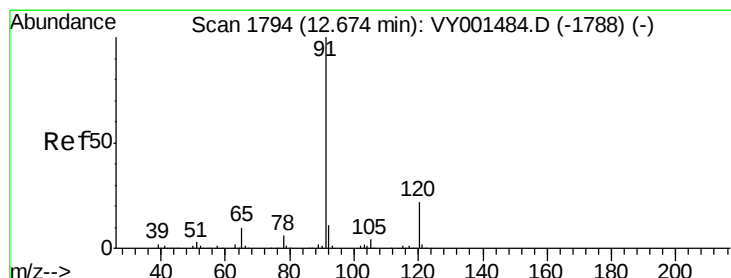
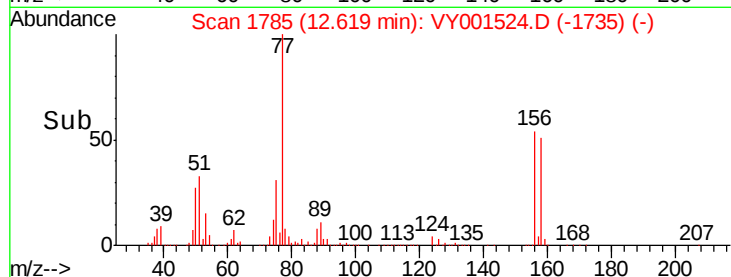
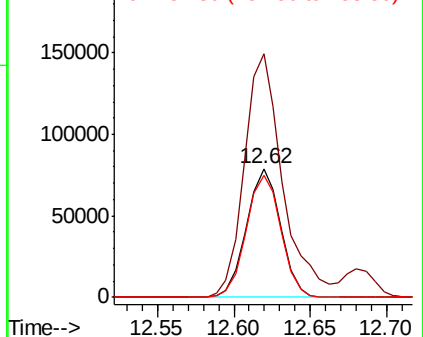
158 95.8 47.5 142.6



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: 43.061 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001524.D

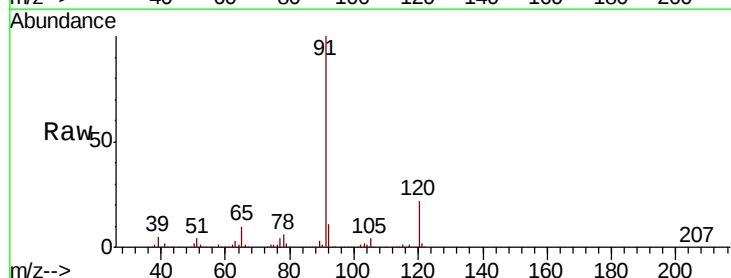
Acq: 06 Feb 2020 11:44

Tgt Ion: 91 Resp: 693453

Ion Ratio Lower Upper

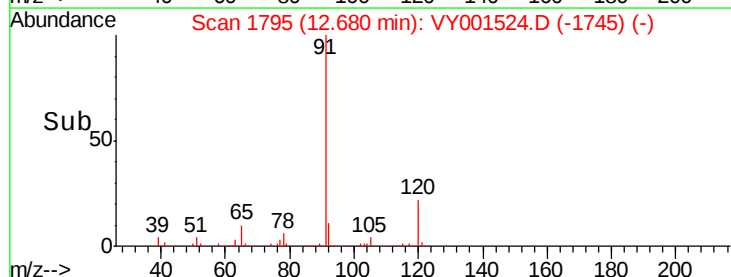
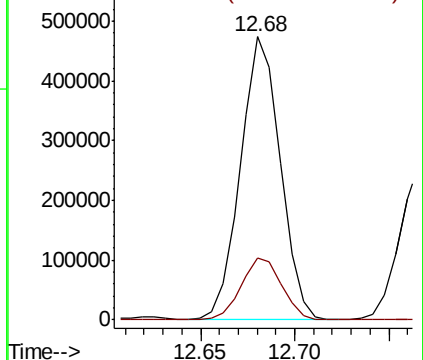
91 100

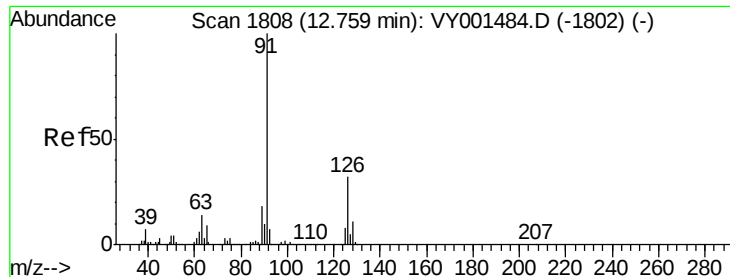
120 22.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.238 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

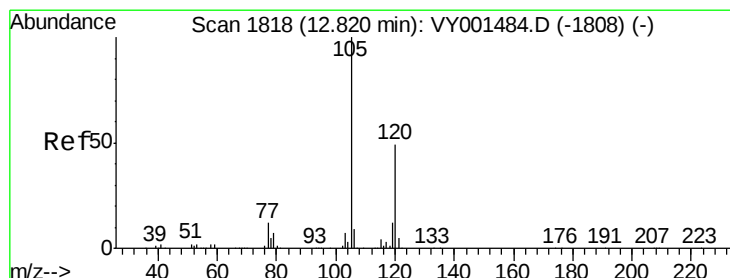
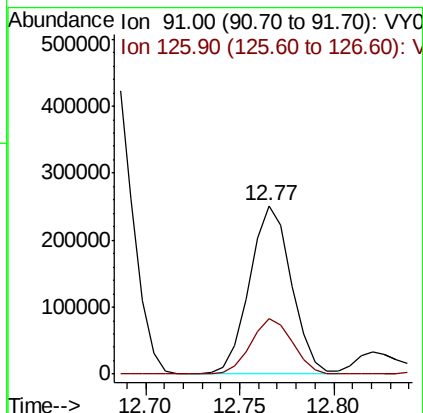
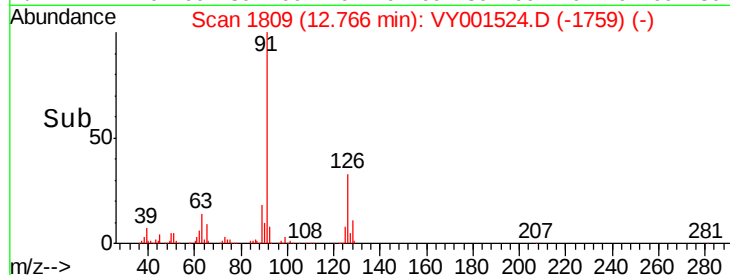
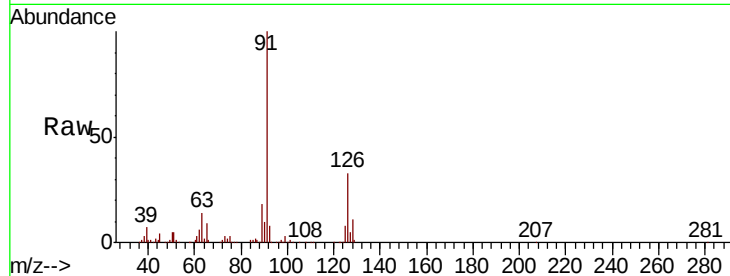
ClientSampleId :

Tot Ion: 91 Resp: 387721

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 41.344 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001524.D

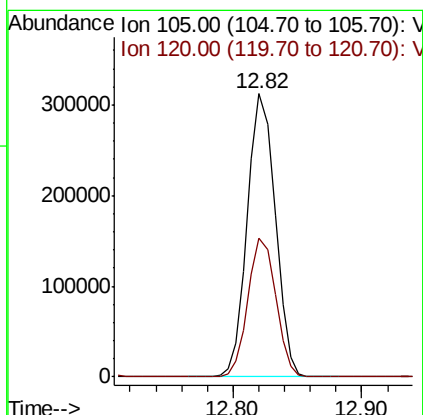
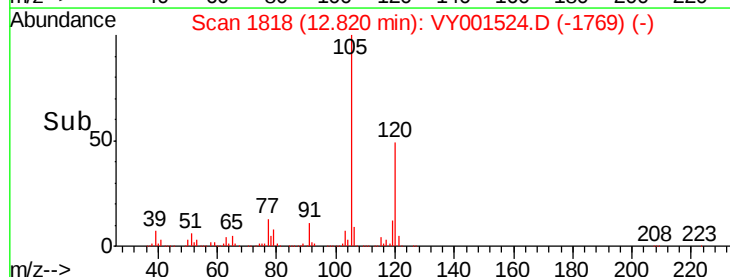
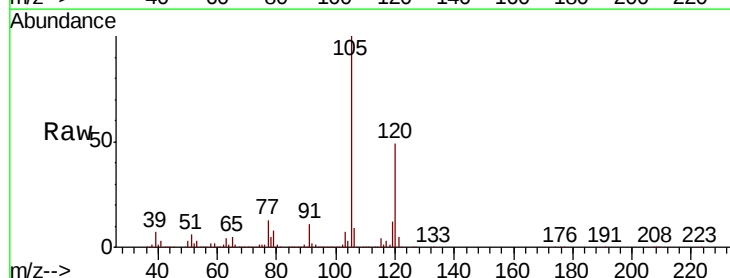
Acq: 06 Feb 2020 11:44

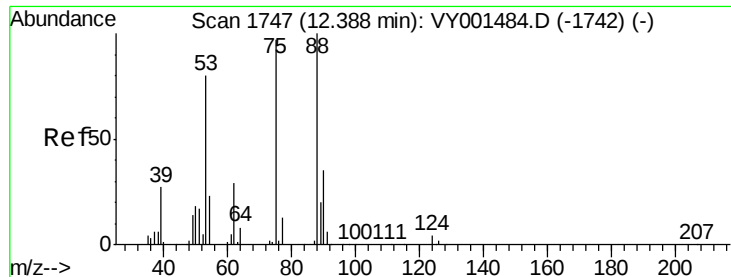
Tgt Ion: 105 Resp: 468366

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.298 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

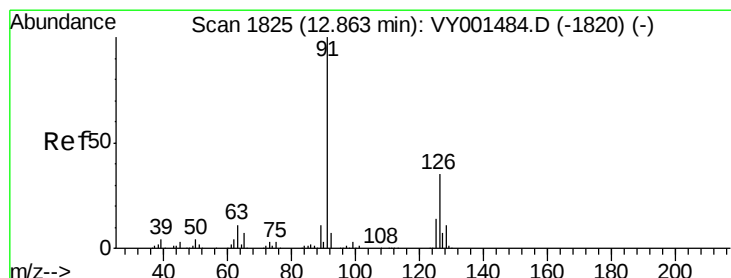
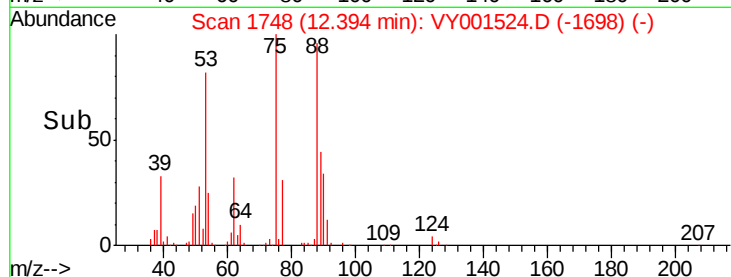
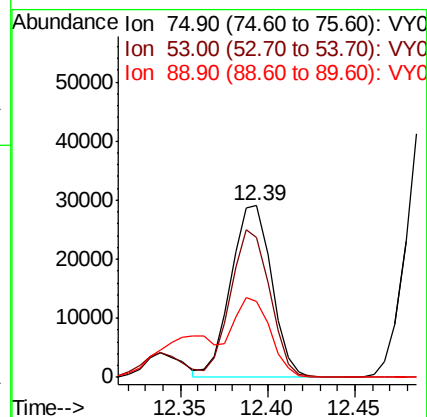
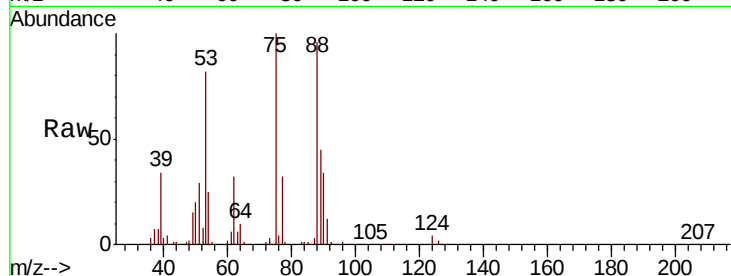
Tot Ion: 75 Resp: 47344

Ion Ratio Lower Upper

75 100

53 82.3 67.7 101.5

89 44.5 34.6 52.0



#82

4-Chlorotoluene

Concen: 42.355 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001524.D

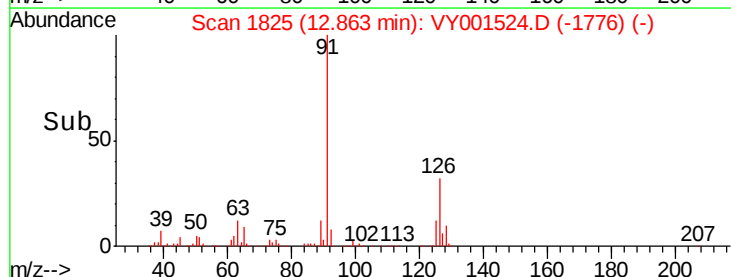
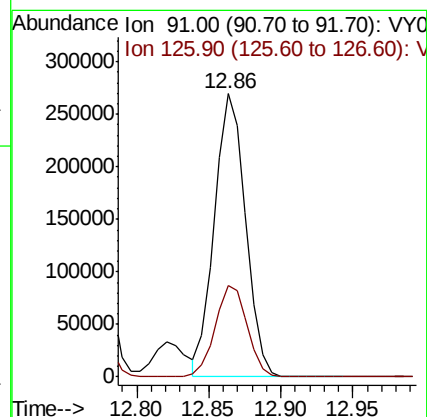
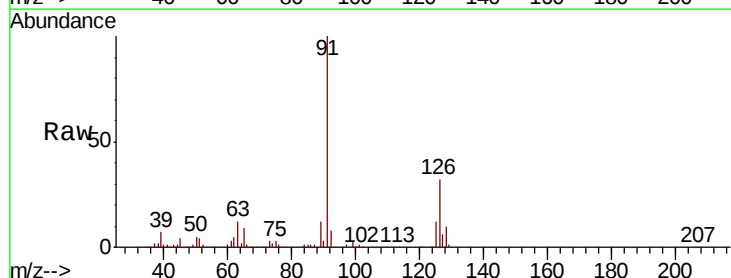
Acq: 06 Feb 2020 11:44

Tgt Ion: 91 Resp: 407644

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5

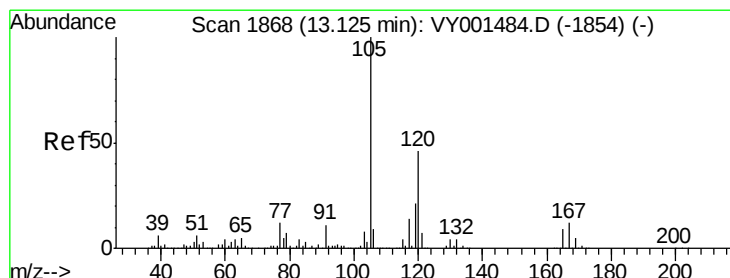
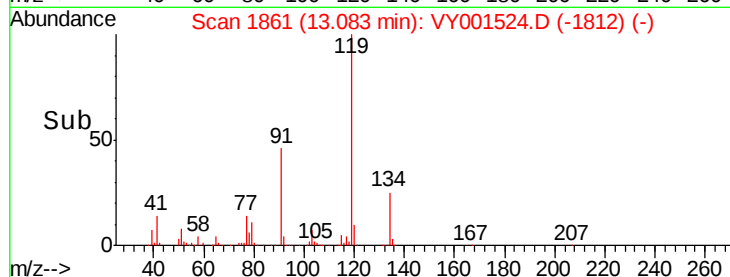
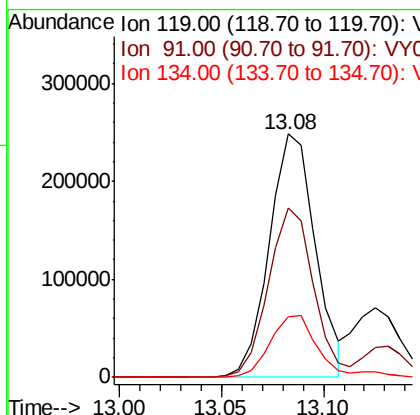
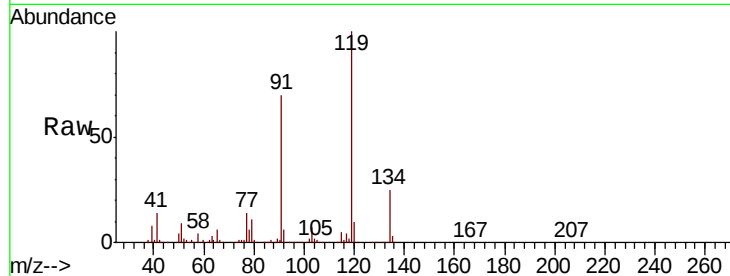




#83
tert-Butylbenzene
Concen: 40.929 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

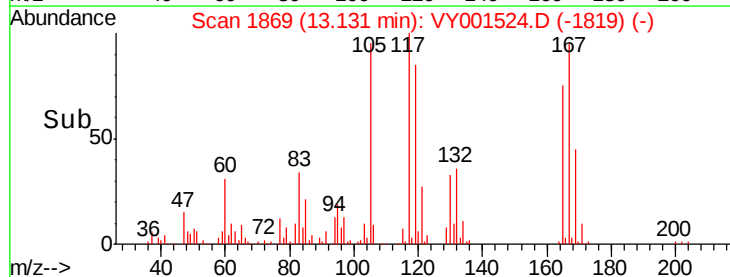
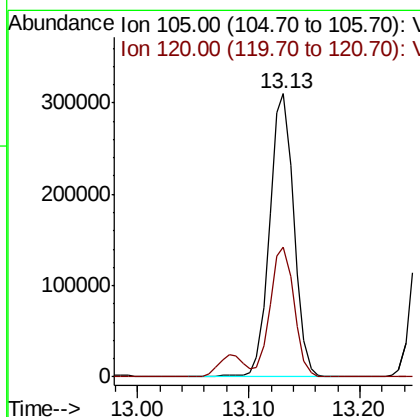
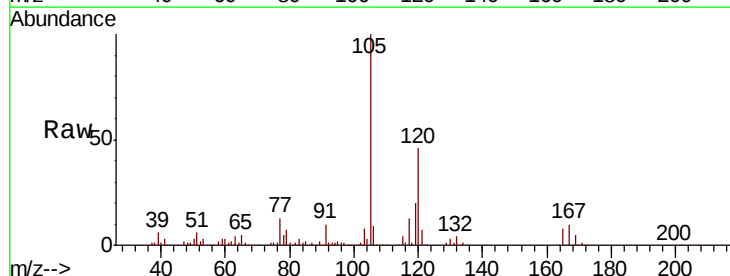
Instrument :
MSVOA_Y
ClientSampleId :

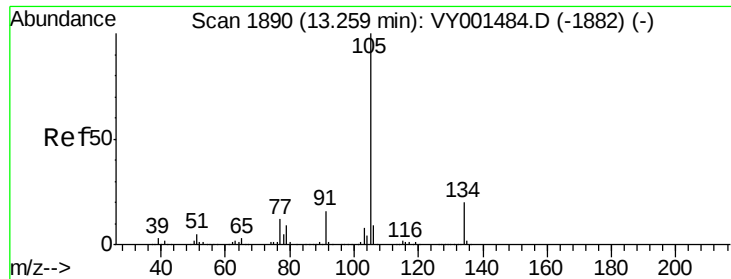
Tot Ion:119 Resp: 391931
Ion Ratio Lower Upper
119 100
91 68.6 33.1 99.3
134 27.0 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 41.920 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:105 Resp: 470019
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 42.425 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

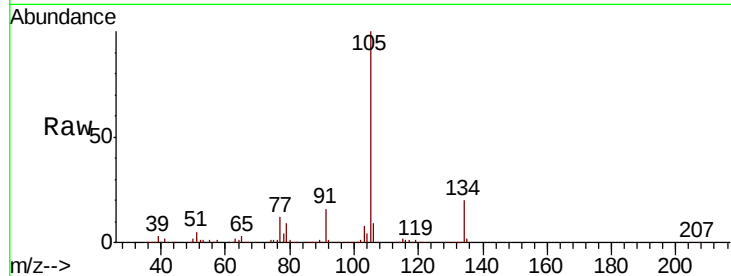
ClientSampleId :

Tot Ion:105 Resp: 571179

Ion Ratio Lower Upper

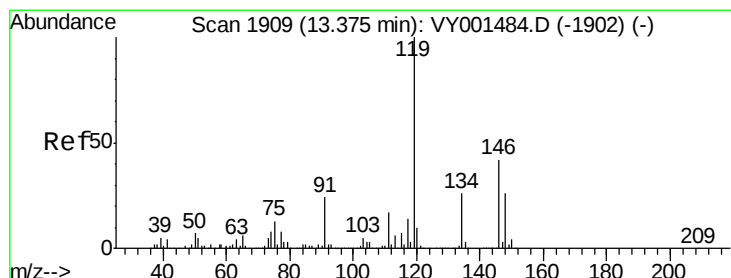
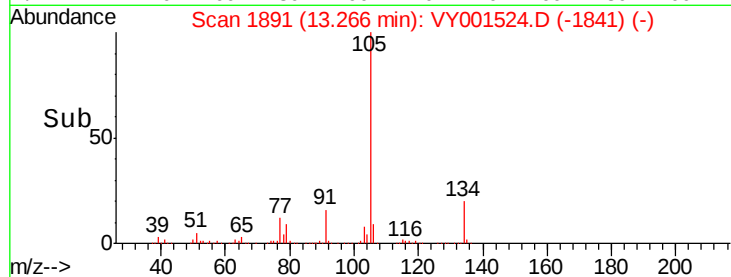
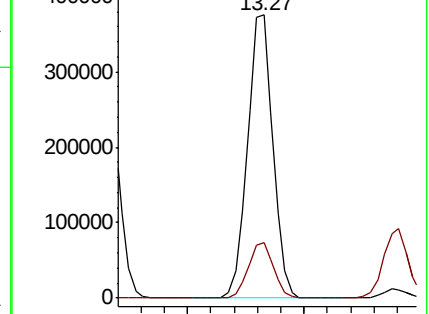
105 100

134 19.6 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: 42.640 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

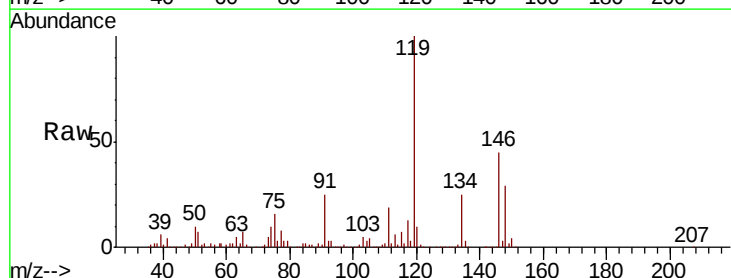
Tgt Ion:119 Resp: 505894

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

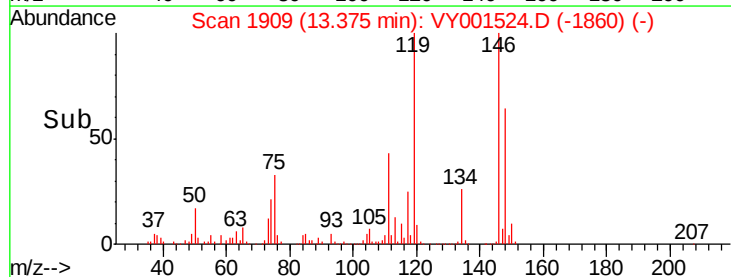
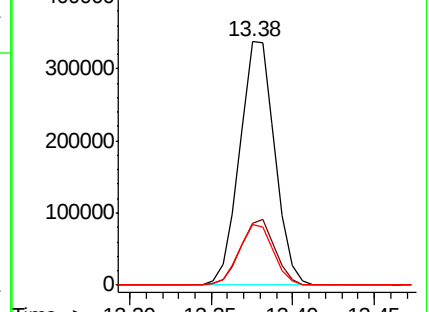
91 24.4 12.2 36.6

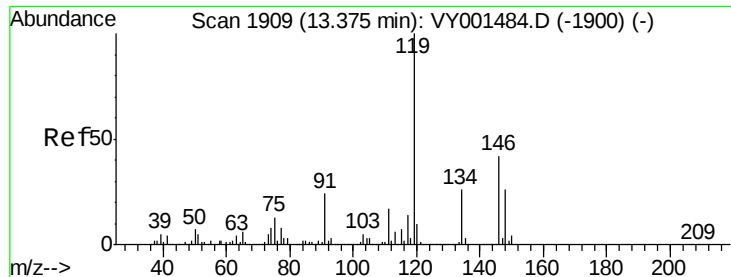


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

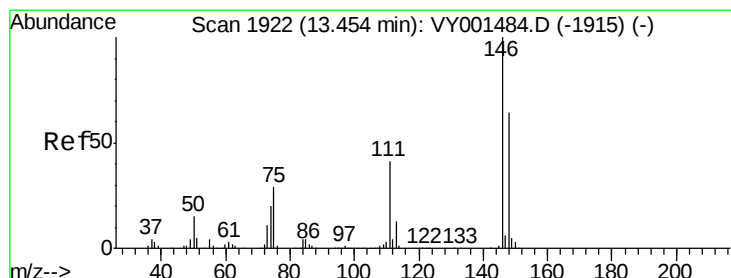
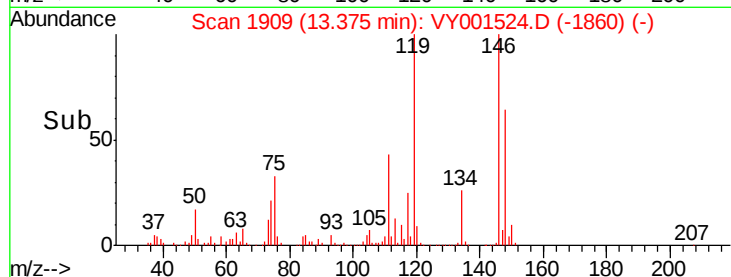
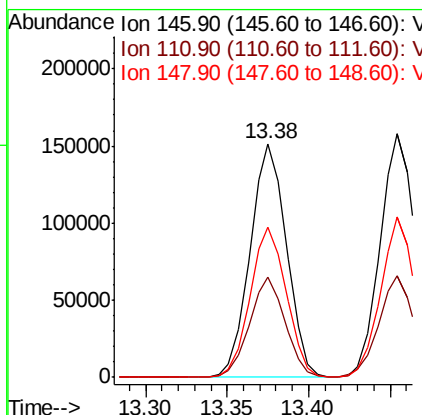
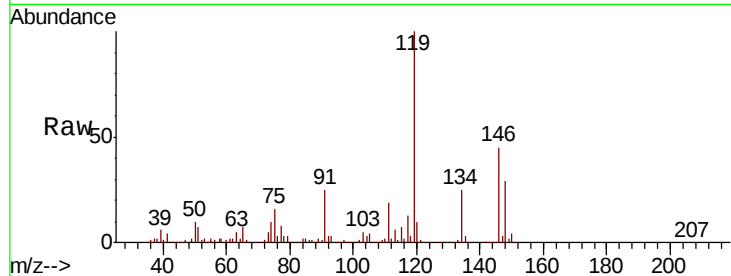




#87
 1,3-Dichlorobenzene
 Concen: 42.159 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

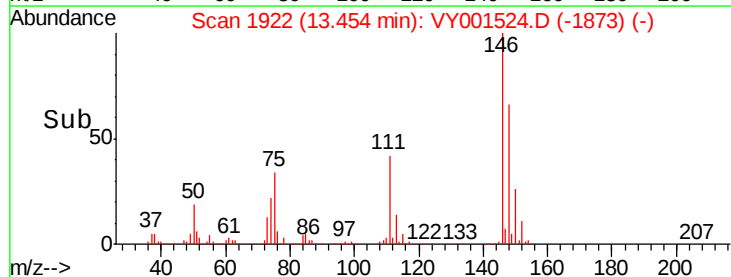
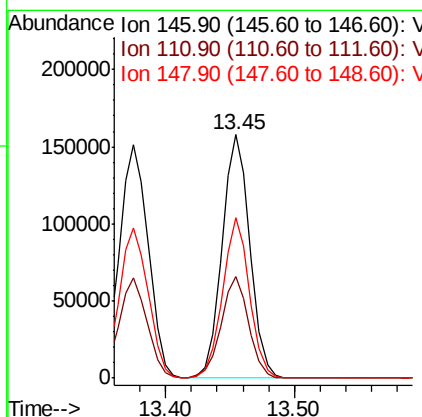
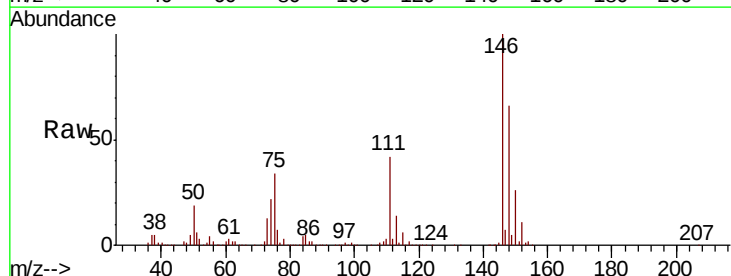
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	64.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 42.618 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	64.1	32.1	96.5





#89

n-Butylbenzene

Concen: 43.828 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001524.D

Acq: 06 Feb 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

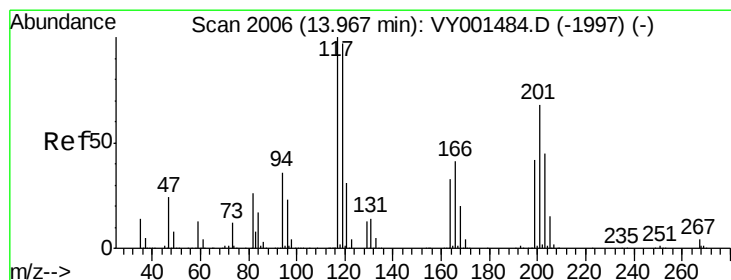
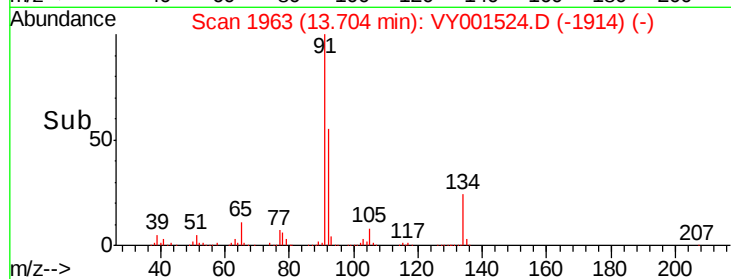
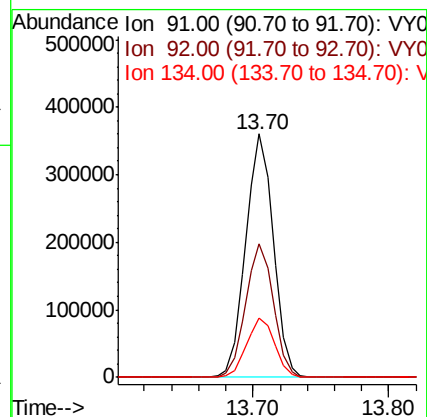
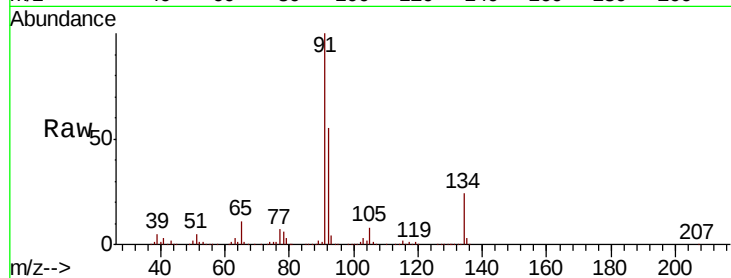
Tot Ion: 91 Resp: 513053

Ion Ratio Lower Upper

91 100

92 55.0 27.3 81.9

134 24.7 13.0 38.9



#90

Hexachloroethane

Concen: 42.714 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY001524.D

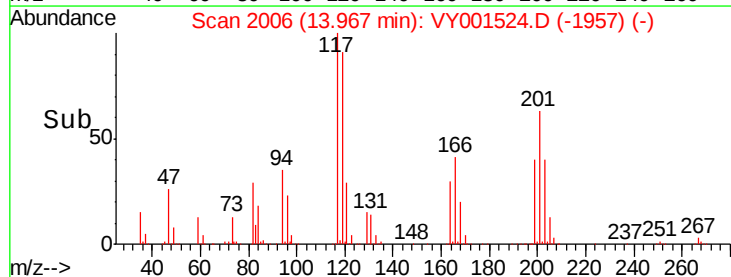
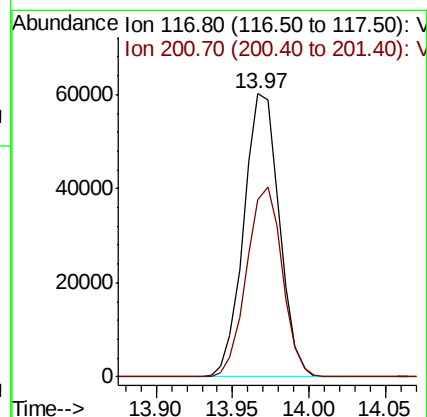
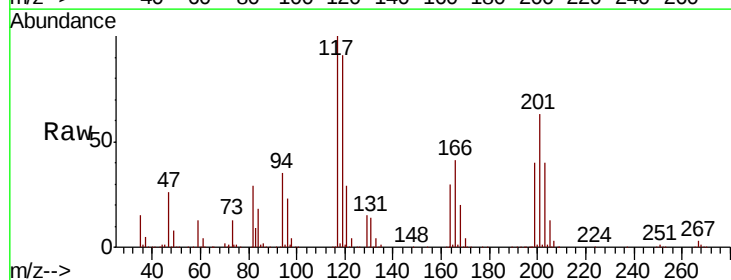
Acq: 06 Feb 2020 11:44

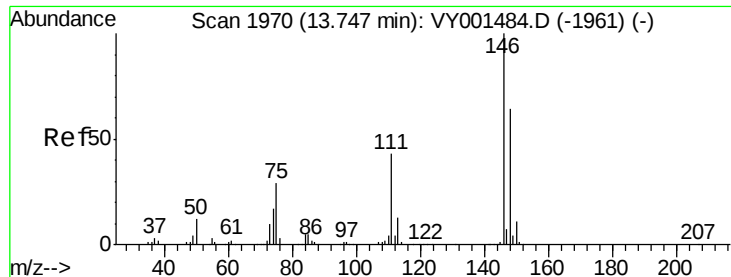
Tgt Ion: 117 Resp: 97267

Ion Ratio Lower Upper

117 100

201 67.5 34.1 102.3

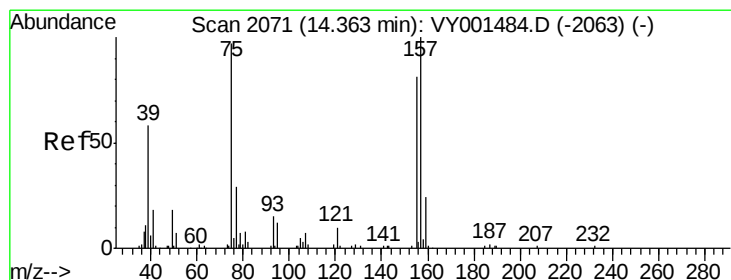
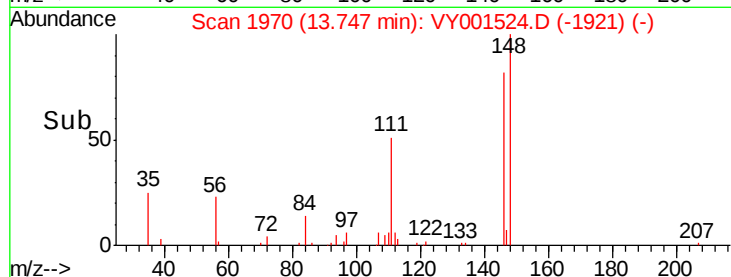
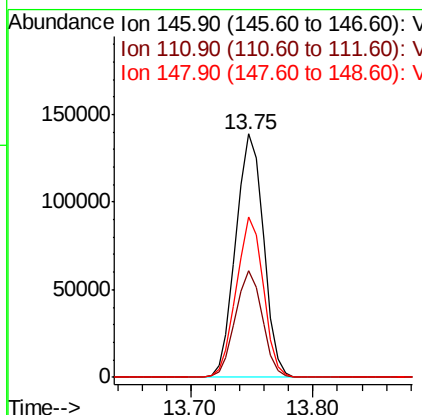
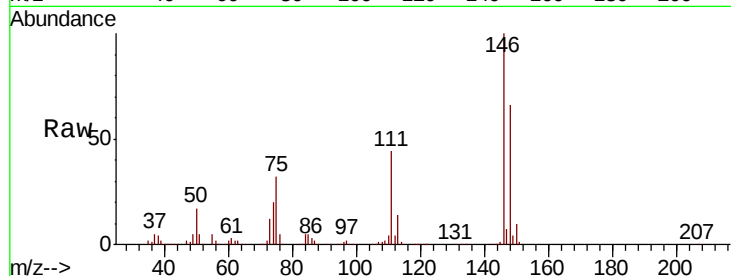




#91
 1,2-Dichlorobenzene
 Concen: 43.137 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

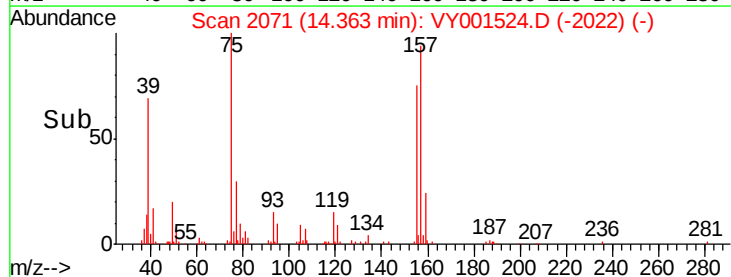
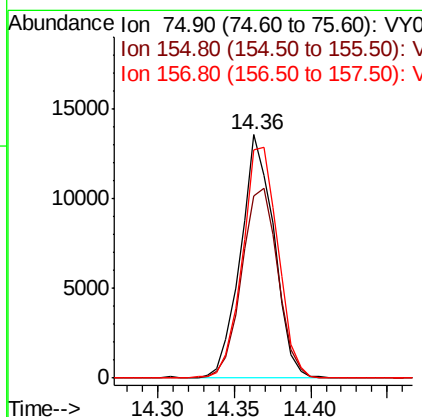
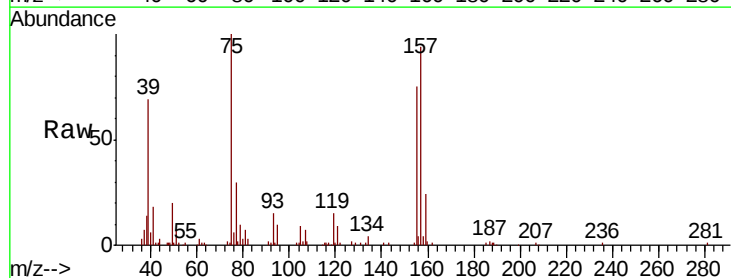
Instrument :
 MSVOA_Y
 ClientSampleId :

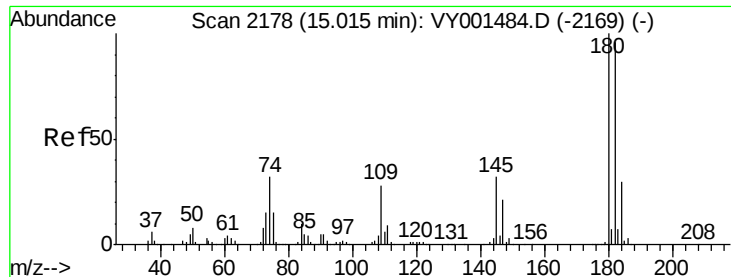
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.9	65.8
148	63.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.613 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	40.7	122.1
157	101.0	52.3	157.1

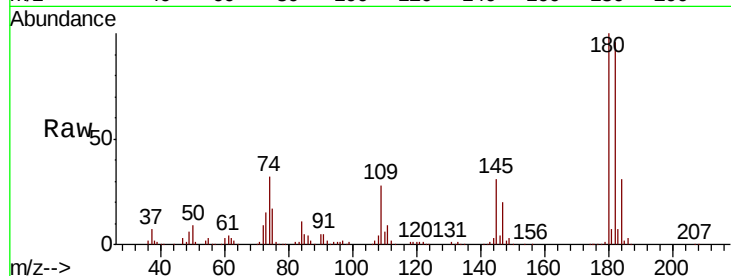




#93
 1,2,4-Trichlorobenzene
 Concen: 41.818 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.7
145	31.8	16.8	50.3

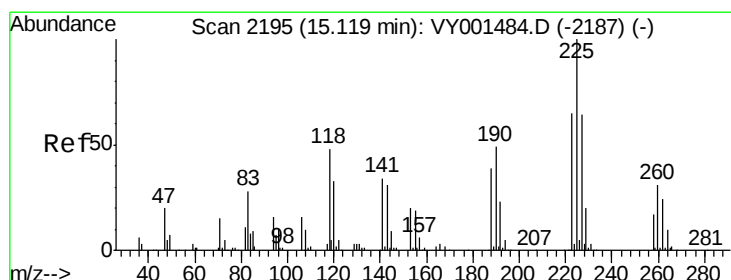
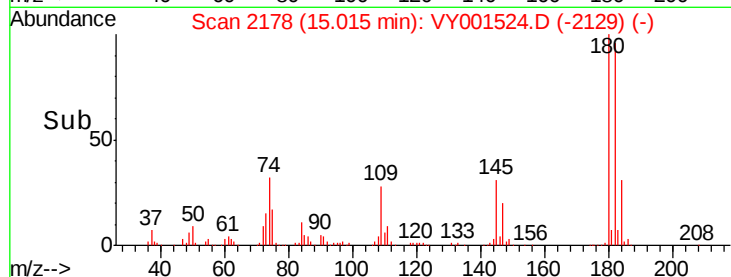
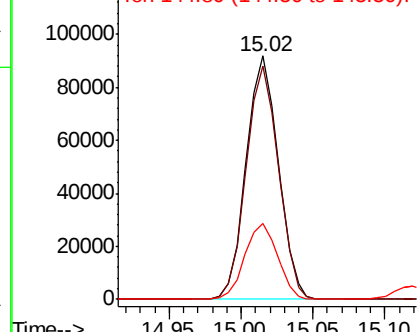


Abundance

Ion 179.80 (179.50 to 180.50): V

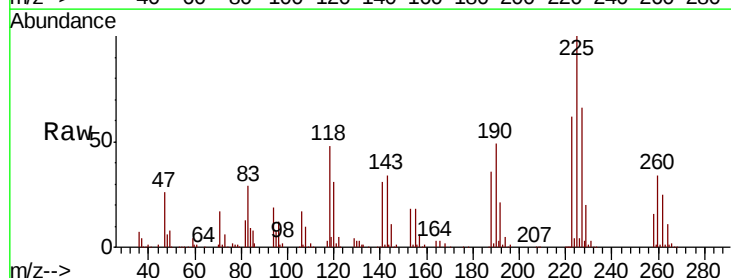
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 41.780 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001524.D
 Acq: 06 Feb 2020 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	63.3	32.6	97.7

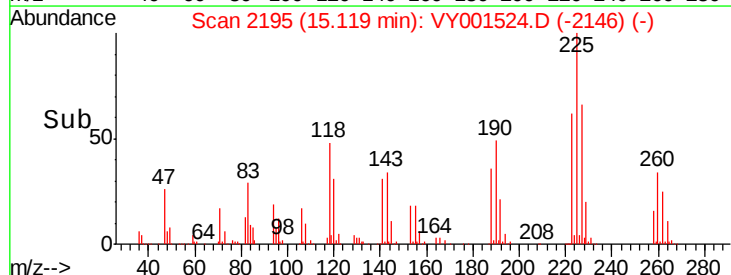
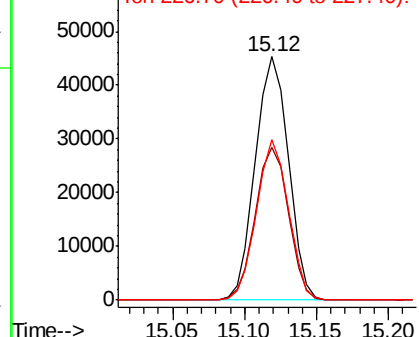


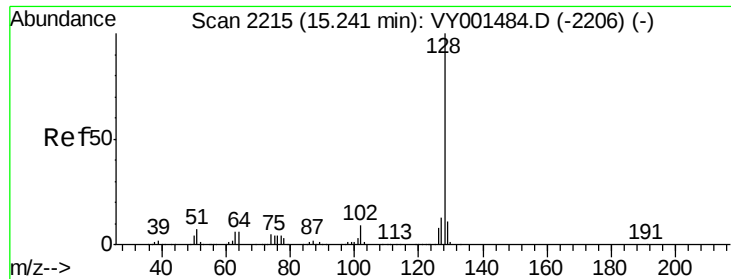
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

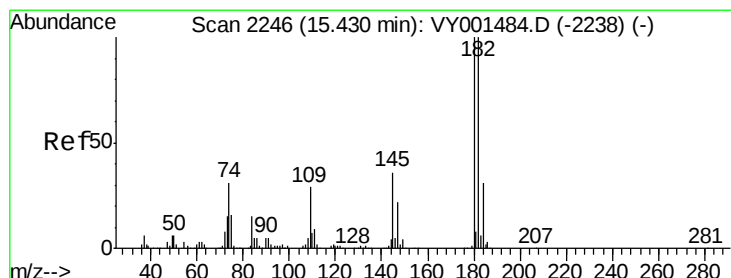
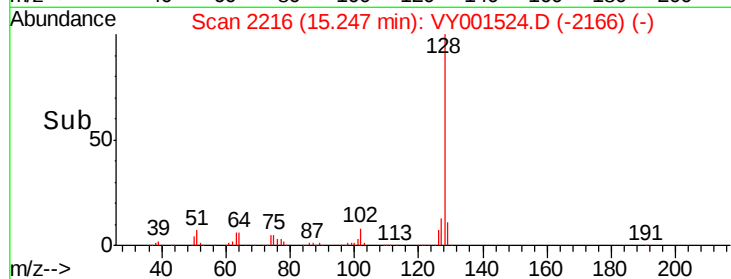
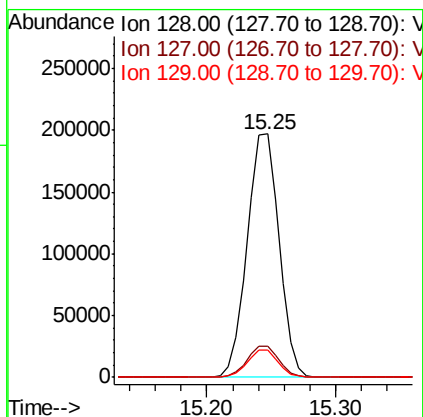
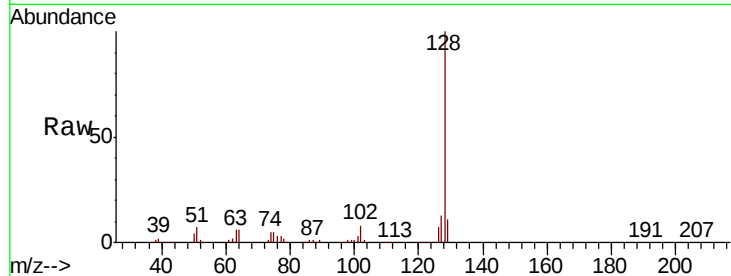




#95
Naphthalene
Concen: 42.005 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 336344
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 42.118 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001524.D
Acq: 06 Feb 2020 11:44

Tgt Ion:180 Resp: 126668
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 33.8 17.8 53.5

