

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000689.D
 Acq On : 15 Nov 2019 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	349724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	319769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156974	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	115852	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
35) Dibromofluoromethane	7.72	113	105624	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	10.18	98	428394	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.48	95	153122	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	110229	53.014	ug/l	97
3) Chloromethane	2.11	50	144276	50.370	ug/l	99
4) Vinyl Chloride	2.25	62	138873	52.211	ug/l	98
5) Bromomethane	2.65	94	113837	71.370	ug/l	94
6) Chloroethane	2.79	64	88322	53.056	ug/l	94
7) Trichlorofluoromethane	3.13	101	198238	55.187	ug/l	94
8) Diethyl Ether	3.53	74	66748	52.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116442	53.619	ug/l	97
10) Methyl Iodide	4.09	142	77505	28.579	ug/l	99
11) Tert butyl alcohol	4.97	59	46029	216.321	ug/l	98
12) 1,1-Dichloroethene	3.87	96	113620	53.852	ug/l	92
13) Acrolein	3.74	56	34604	186.701	ug/l	96
14) Allyl chloride	4.48	41	190194	55.438	ug/l	98
15) Acrylonitrile	5.17	53	162124	247.959	ug/l	98
16) Acetone	3.95	43	215709	358.052	ug/l	98
17) Carbon Disulfide	4.19	76	341674	51.344	ug/l	97
18) Methyl Acetate	4.49	43	93468	49.897	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	304999	51.992	ug/l	99
20) Methylene Chloride	4.72	84	127204	49.276	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	128349	53.809	ug/l	97
22) Diisopropyl ether	6.13	45	411050	55.123	ug/l	96
23) Vinyl Acetate	6.07	43	1263451	268.407	ug/l	99
24) 1,1-Dichloroethane	6.02	63	218328	54.045	ug/l	99
25) 2-Butanone	7.00	43	274919	285.935	ug/l	96
26) 2,2-Dichloropropane	6.99	77	203912	55.234	ug/l	95
27) cis-1,2-Dichloroethene	6.99	96	145272	55.698	ug/l	97
28) Bromochloromethane	7.35	49	96978	52.421	ug/l	96
29) Tetrahydrofuran	7.36	42	149289	253.809	ug/l	99
30) Chloroform	7.52	83	229157	56.075	ug/l	97
31) Cyclohexane	7.78	56	218487	51.638	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	204208	56.068	ug/l	99
36) 1,1-Dichloropropene	7.92	75	182803	55.292	ug/l	99
37) Ethyl Acetate	7.08	43	99232	50.555	ug/l	98
38) Carbon Tetrachloride	7.91	117	178096	55.983	ug/l	96

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39) Methylcyclohexane	9.19	83	226211	52.961	ug/l	96
40) Benzene	8.17	78	522946	53.952	ug/l	98
41) Methacrylonitrile	7.35	41	134959	123.250	ug/l #	58
42) 1,2-Dichloroethane	8.25	62	152711	55.549	ug/l	100
43) Isopropyl Acetate	8.28	43	190451	51.651	ug/l	99
44) Trichloroethene	8.94	130	136601	53.451	ug/l	96
45) 1,2-Dichloropropane	9.22	63	133722	56.054	ug/l	96
46) Dibromomethane	9.31	93	69985	53.343	ug/l	97
47) Bromodichloromethane	9.50	83	173887	55.857	ug/l	98
48) Methyl methacrylate	9.30	41	85354	52.981	ug/l	96
49) 1,4-Dioxane	9.30	88	18001	1019.469	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	499299	254.691	ug/l	98
52) Toluene	10.25	92	340847	55.620	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	185427	55.746	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	212475	55.759	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	100503	52.963	ug/l	95
56) Ethyl methacrylate	10.51	69	144841	53.853	ug/l	100
57) 1,3-Dichloropropane	10.79	76	180264	54.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	234232	192.638	ug/l	99
59) 2-Hexanone	10.83	43	389032	272.366	ug/l	99
60) Dibromochloromethane	10.99	129	120564	55.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	95499	52.341	ug/l	95
64) Tetrachloroethene	10.72	164	135748	51.340	ug/l	96
65) Chlorobenzene	11.52	112	351583	54.229	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	124819	55.512	ug/l	99
67) Ethyl Benzene	11.59	91	664673	55.705	ug/l	99
68) m/p-Xylenes	11.70	106	502978	108.913	ug/l	97
69) o-Xylene	12.03	106	238140	54.867	ug/l	96
70) Styrene	12.05	104	412995	55.569	ug/l	100
71) Bromoform	12.21	173	69803	53.974	ug/l #	100
73) Isopropylbenzene	12.33	105	648537	55.901	ug/l	99
74) N-amyl acetate	12.14	43	170793	51.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	125749	54.742	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	166604	93.212	ug/l #	100
77) Bromobenzene	12.61	156	142994	54.352	ug/l	99
78) n-propylbenzene	12.67	91	801036	57.224	ug/l	99
79) 2-Chlorotoluene	12.75	91	434089	55.858	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	544310	56.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	43853	55.011	ug/l	98
82) 4-Chlorotoluene	12.86	91	459269	57.013	ug/l	99
83) tert-Butylbenzene	13.08	119	471290	57.125	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	554079	57.594	ug/l	99
85) sec-Butylbenzene	13.25	105	680962	57.934	ug/l	100
86) p-Isopropyltoluene	13.37	119	597147	57.002	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	284713	55.251	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	282524	54.866	ug/l	100
89) n-Butylbenzene	13.70	91	601692	58.234	ug/l	99
90) Hexachloroethane	13.96	117	111389	57.516	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	261859	56.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20527	50.492	ug/l	97

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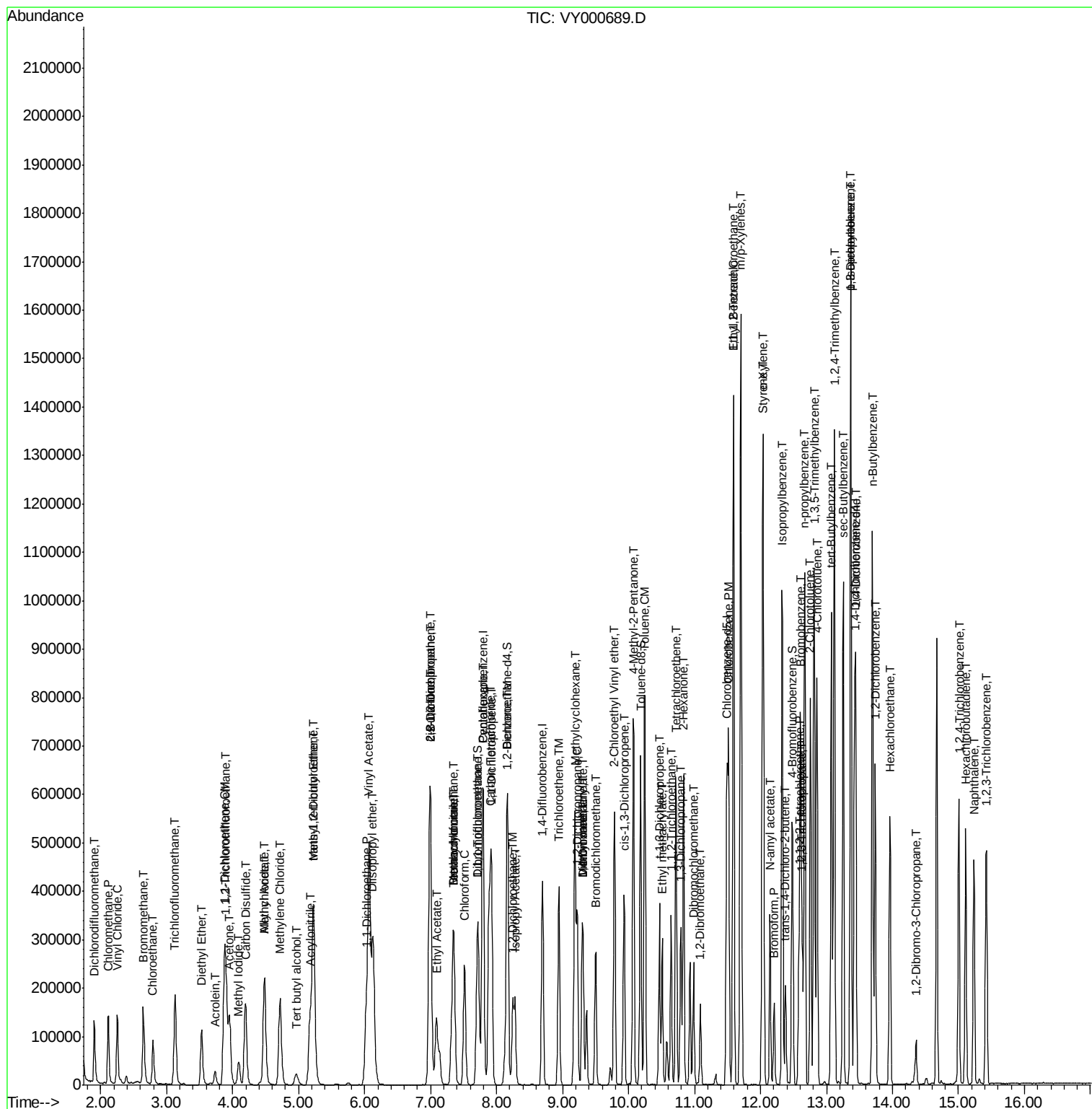
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	172840	54.292	ug/l	98
94) Hexachlorobutadiene	15.11	225	90076	54.890	ug/l	98
95) Naphthalene	15.23	128	369937	52.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	152795	53.498	ug/l	99

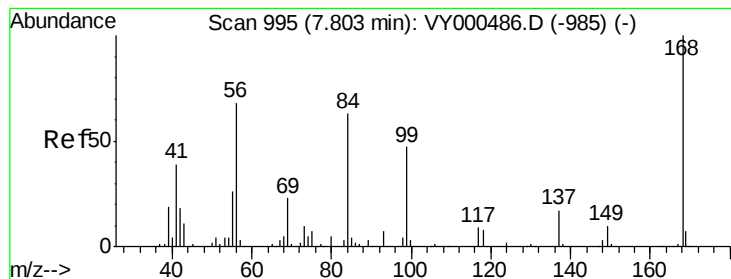
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

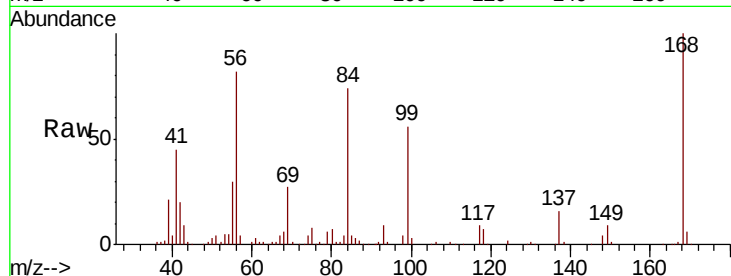
ClientSampled :

Tot Ion:168 Resp: 211222

Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

60000

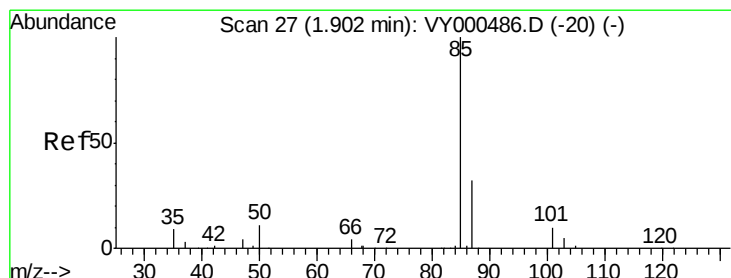
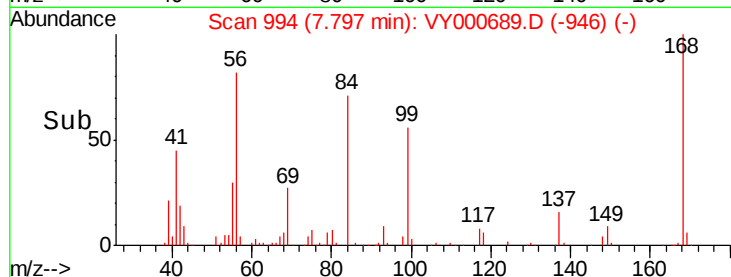
40000

20000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 53.014 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000689.D

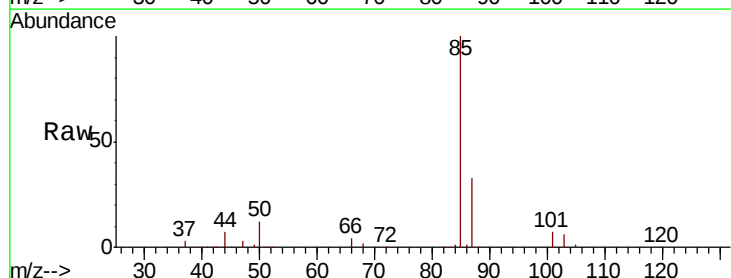
Acq: 15 Nov 2019 10:19

Tgt Ion: 85 Resp: 110229

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

80000

60000

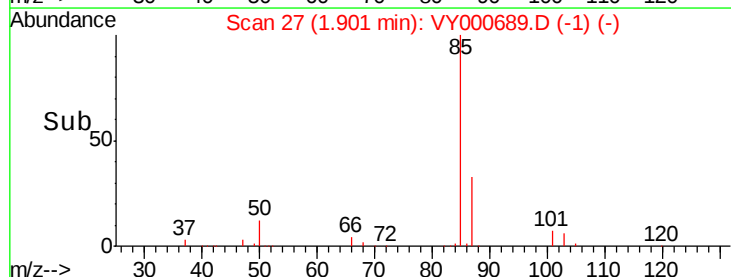
40000

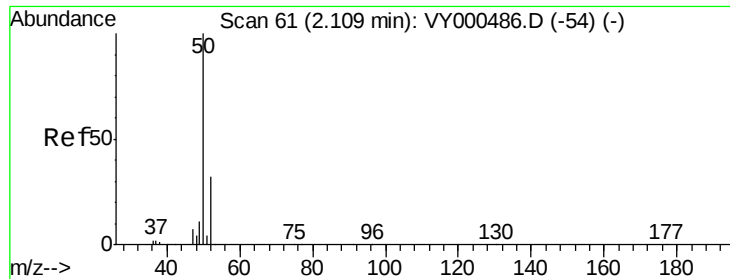
20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 50.370 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

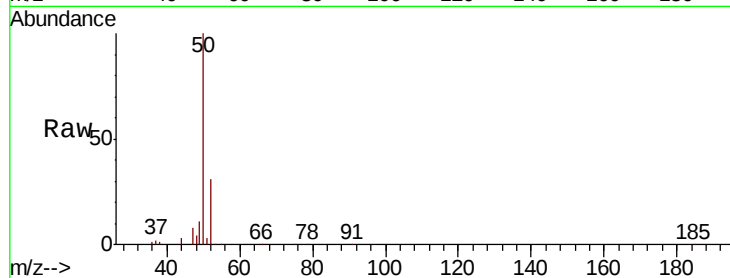
ClientSampleId :

Tot Ion: 50 Resp: 144276

Ion Ratio Lower Upper

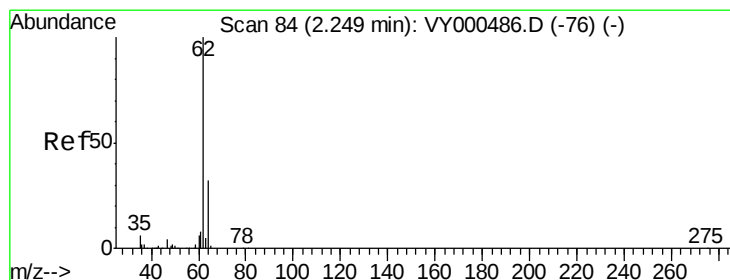
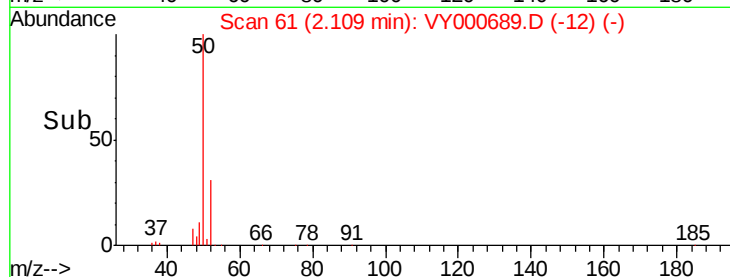
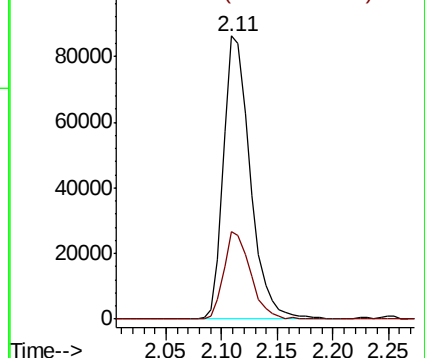
50 100

52 30.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 52.211 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000689.D

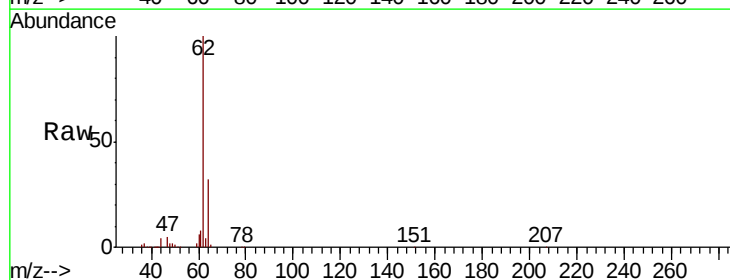
Acq: 15 Nov 2019 10:19

Tgt Ion: 62 Resp: 138873

Ion Ratio Lower Upper

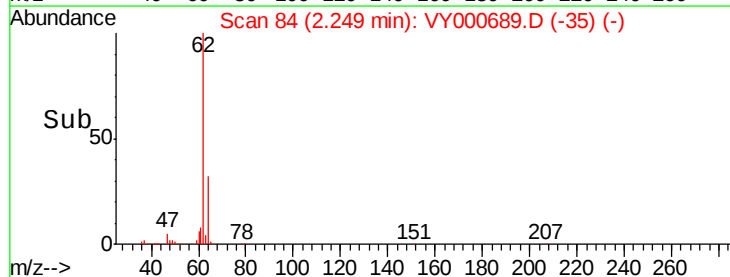
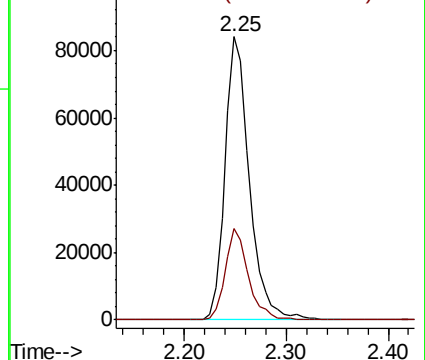
62 100

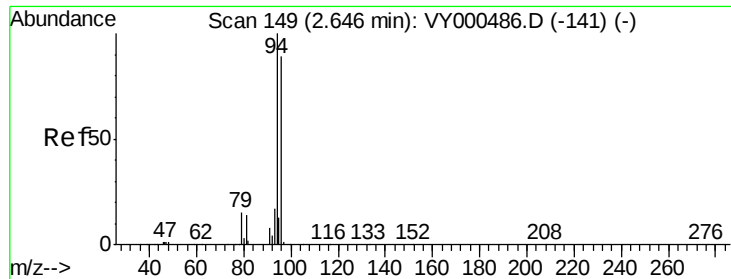
64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 71.370 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

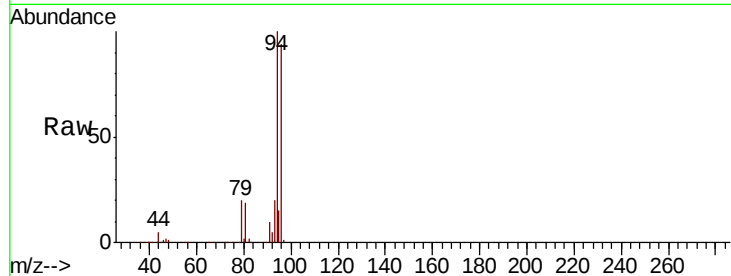
ClientSampleId :

Tot Ion: 94 Resp: 113837

Ion Ratio Lower Upper

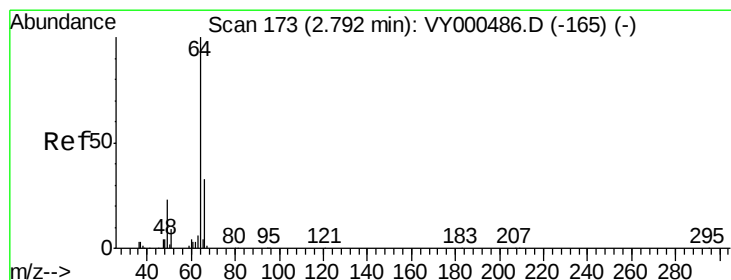
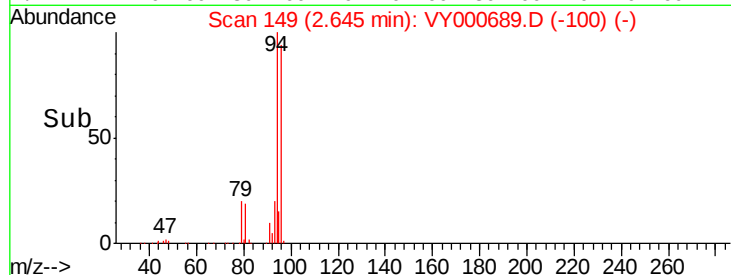
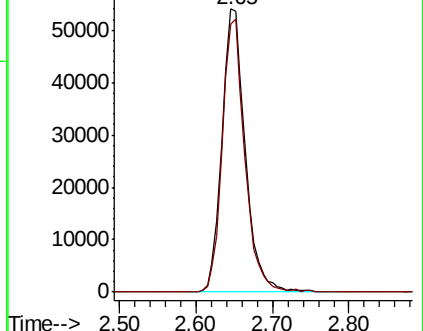
94 100

96 94.5 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.056 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000689.D

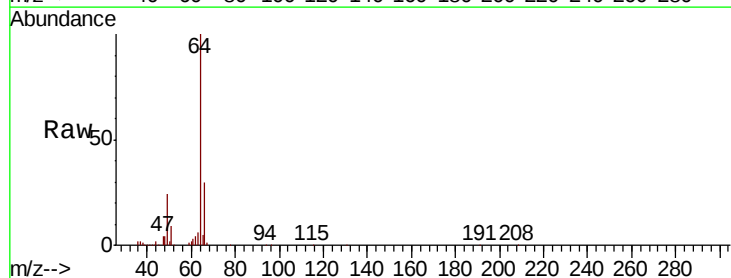
Acq: 15 Nov 2019 10:19

Tgt Ion: 64 Resp: 88322

Ion Ratio Lower Upper

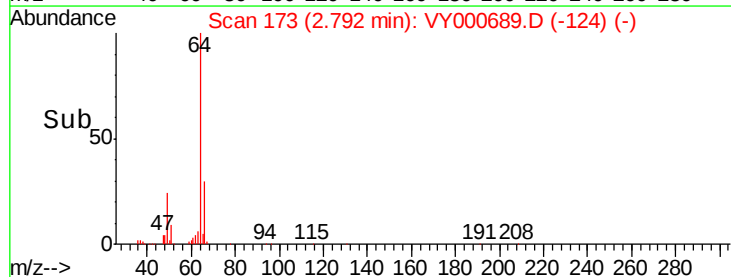
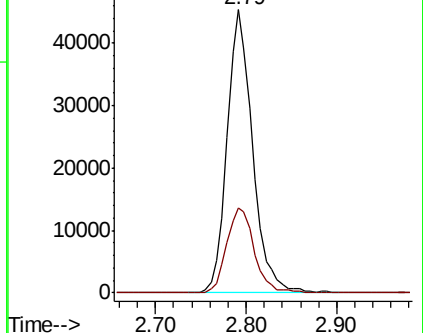
64 100

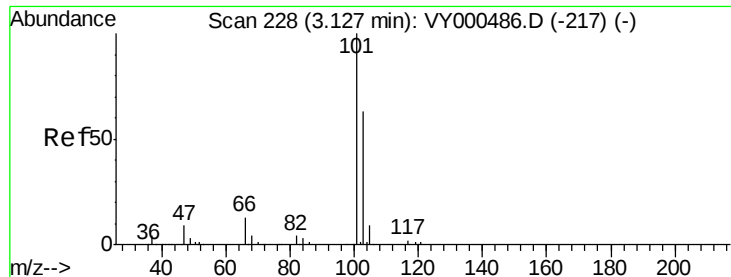
66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



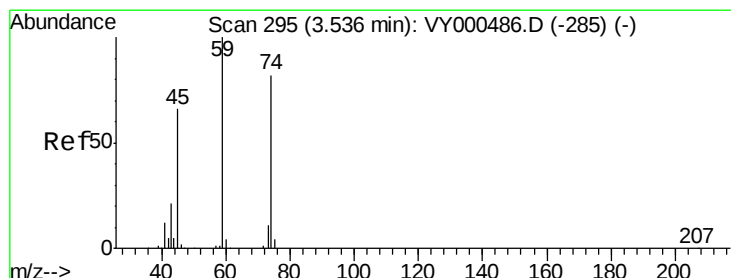
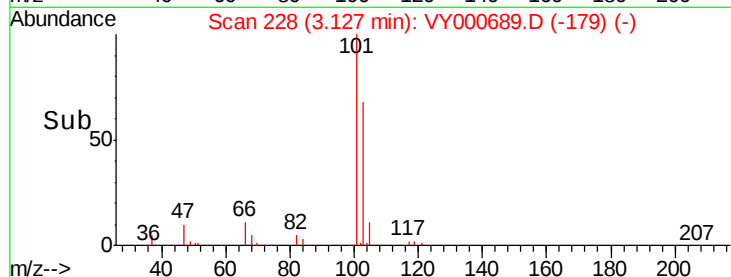
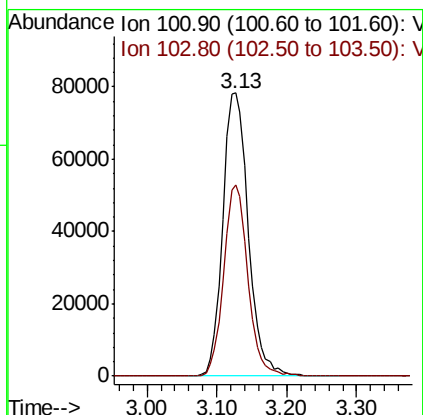
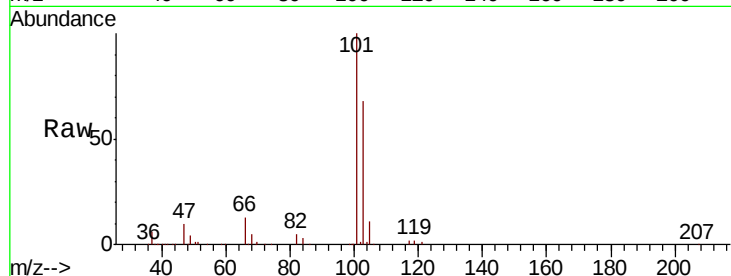


#7

Trichlorofluoromethane
 Concen: 55.187 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
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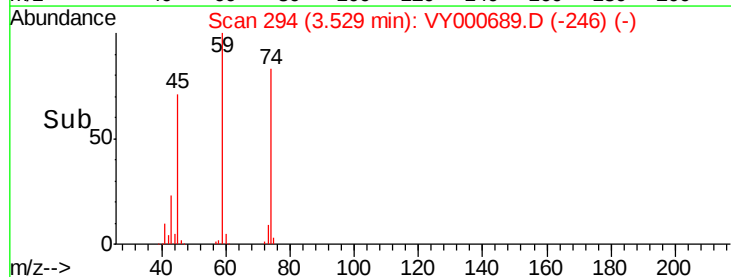
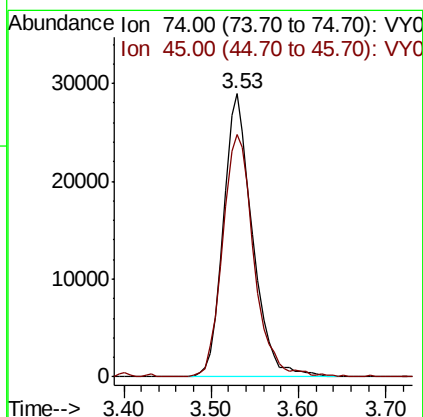
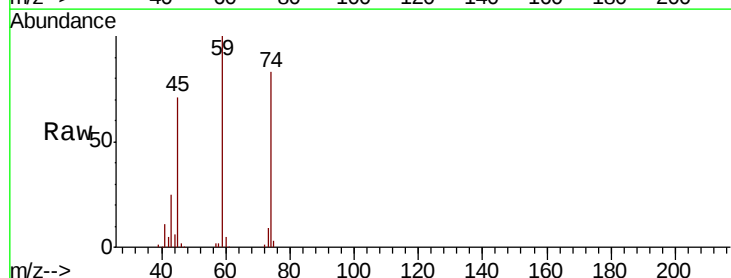
Tot Ion:101 Resp: 198238
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.5 75.7

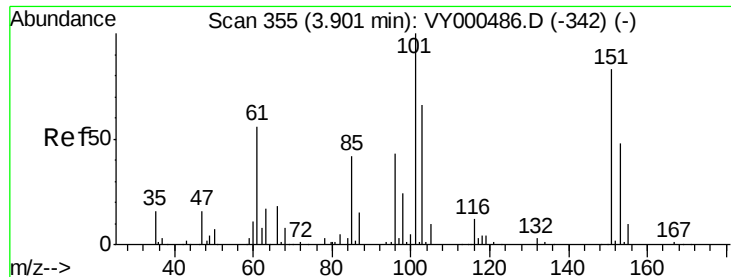


#8

Diethyl Ether
 Concen: 52.296 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 74 Resp: 66748
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.619 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampled :

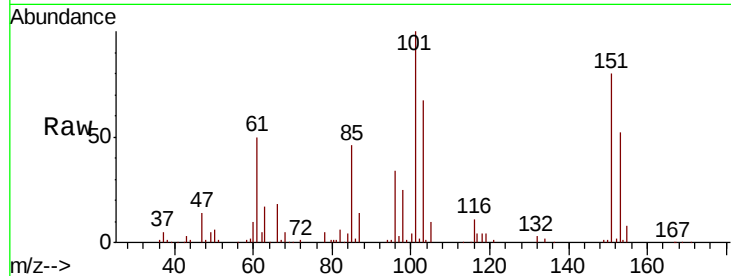
Tot Ion:101 Resp: 116442

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

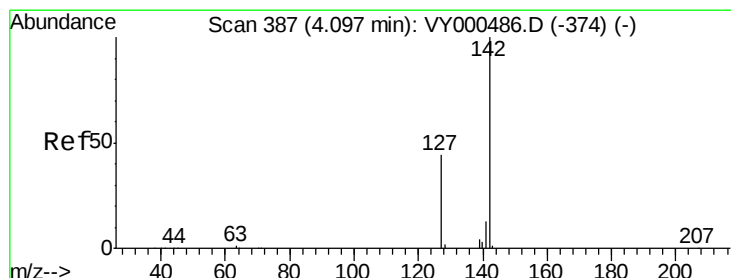
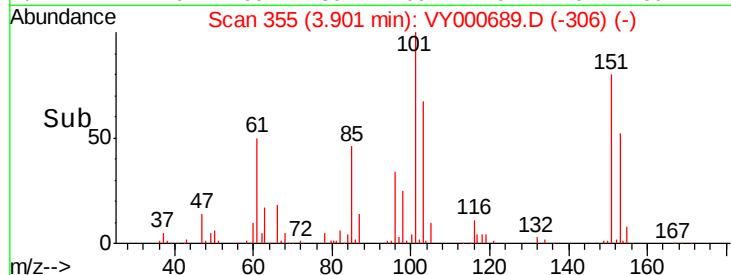
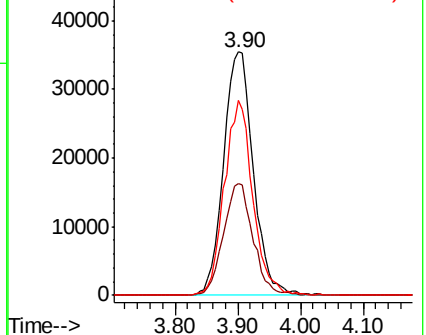
151 76.5 64.3 96.5



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: 28.579 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

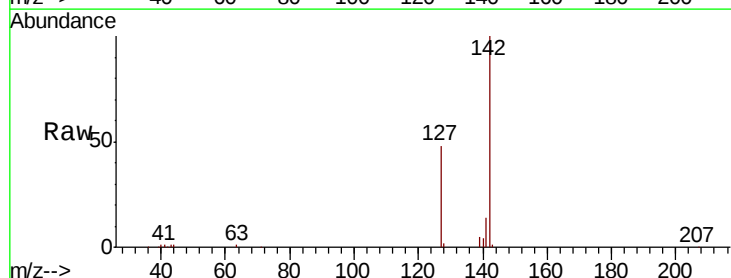
Tgt Ion:142 Resp: 77505

Ion Ratio Lower Upper

142 100

127 42.2 33.7 50.5

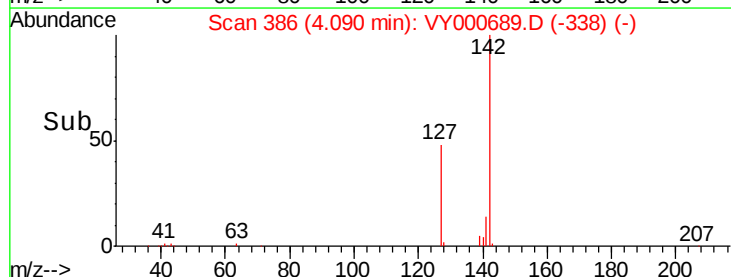
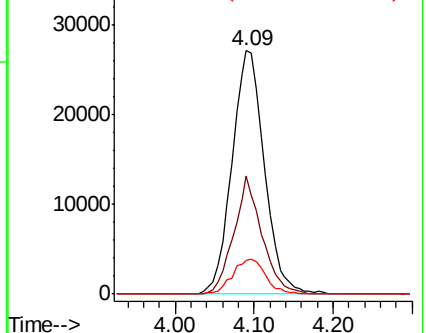
141 14.7 10.9 16.3

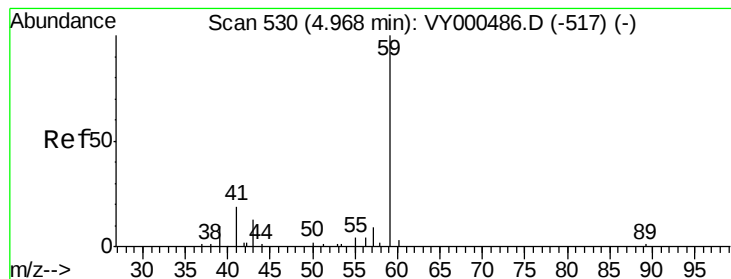


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



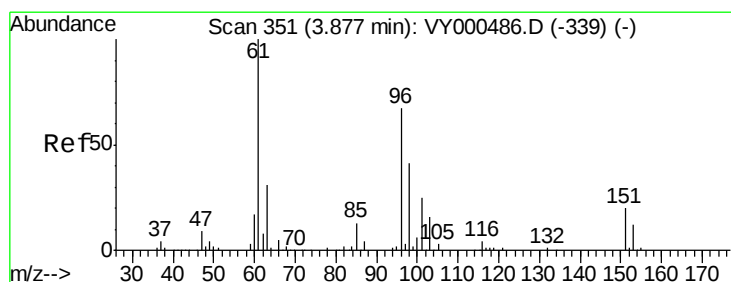
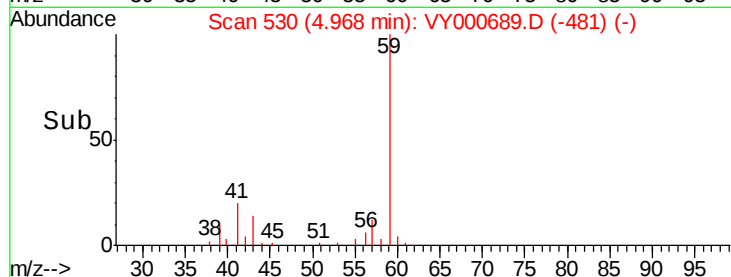
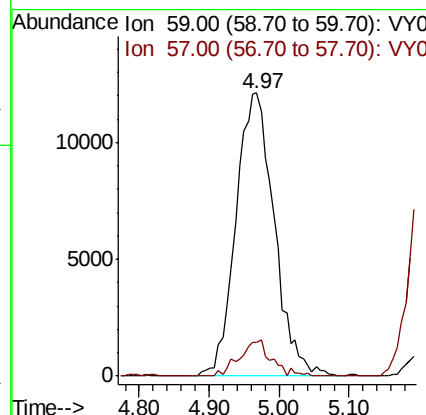
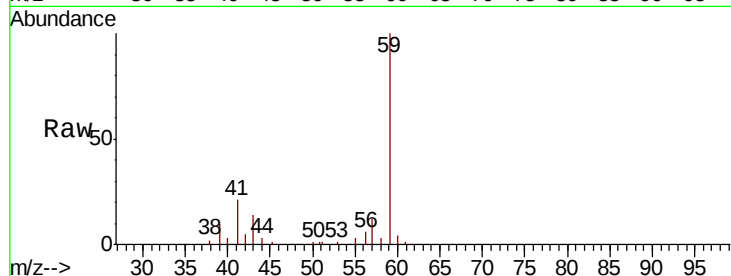


#11

Tert butyl alcohol
 Concen: 216.321 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

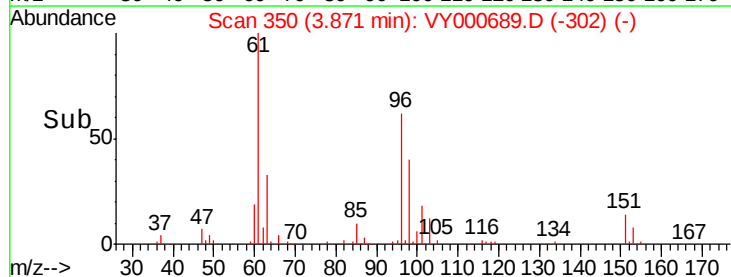
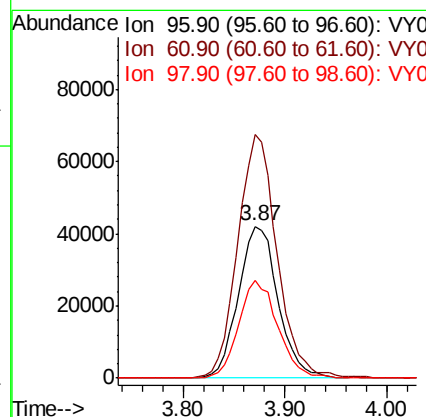
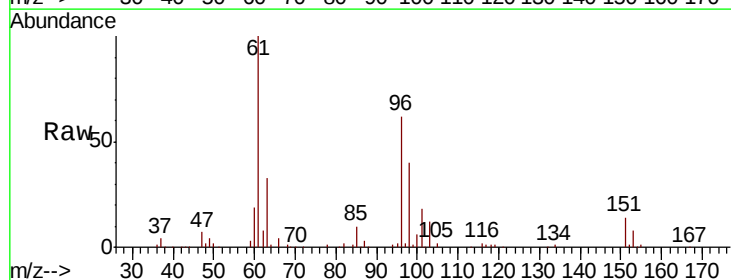
Tot Ion: 59 Resp: 46029
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.6 12.8

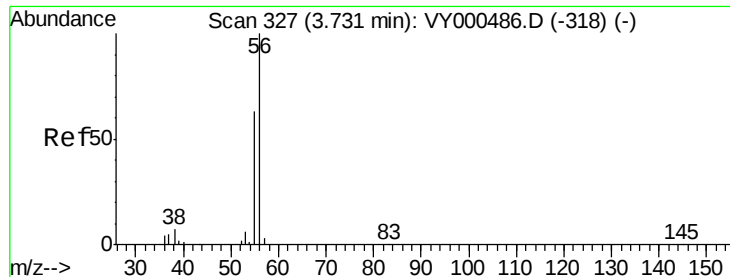


#12

1,1-Dichloroethene
 Concen: 53.852 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 96 Resp: 113620
 Ion Ratio Lower Upper
 96 100
 61 160.7 119.2 178.8
 98 64.8 48.6 73.0





#13

Acrolein

Concen: 186.701 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

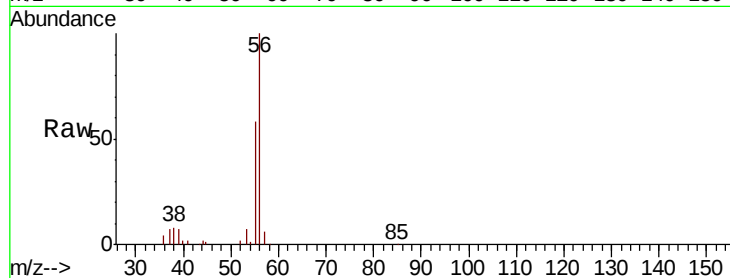
ClientSampled :

Tot Ion: 56 Resp: 34604

Ion Ratio Lower Upper

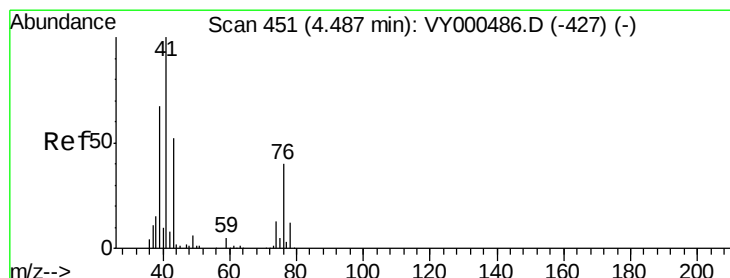
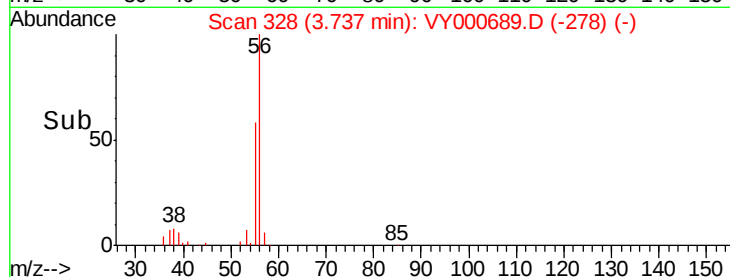
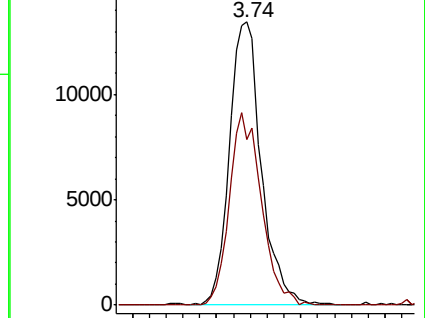
56 100

55 67.7 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY000486.D (-318) (-)

Ion 55.00 (54.70 to 55.70): VY000486.D (-318) (-)



#14

Allyl chloride

Concen: 55.438 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

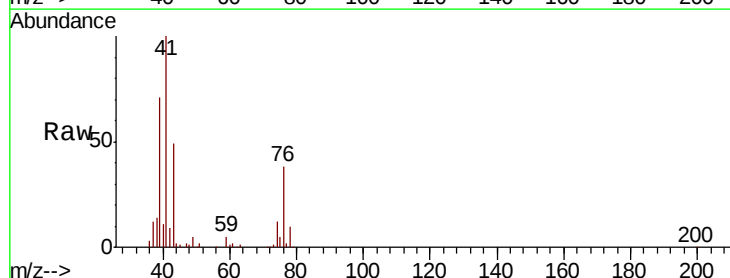
Tgt Ion: 41 Resp: 190194

Ion Ratio Lower Upper

41 100

39 68.9 53.6 80.4

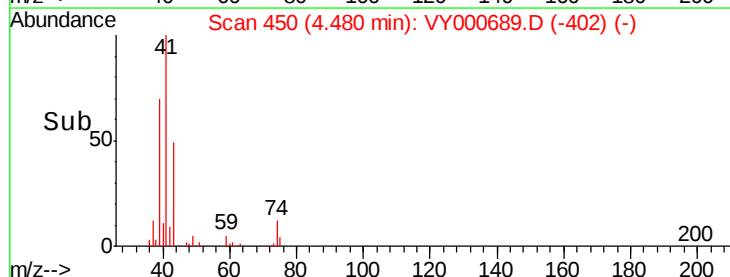
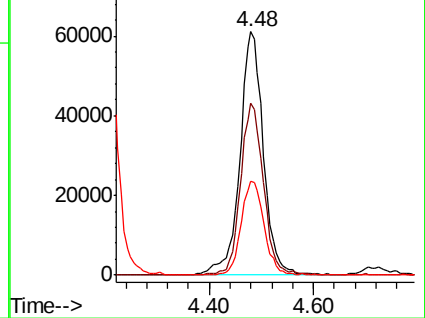
76 37.7 29.8 44.6

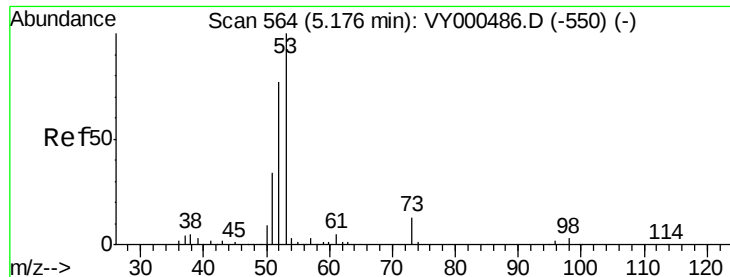


Abundance Ion 41.00 (40.70 to 41.70): VY000486.D (-427) (-)

Ion 39.00 (38.70 to 39.70): VY000486.D (-427) (-)

Ion 75.90 (75.60 to 76.60): VY000486.D (-427) (-)





#15

Acrylonitrile

Concen: 247.959 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

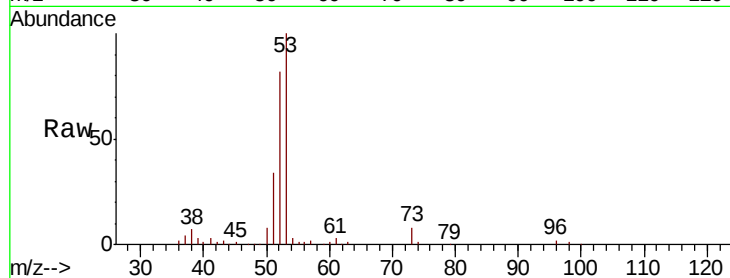
Tot Ion: 53 Resp: 162124

Ion Ratio Lower Upper

53 100

52 82.5 64.9 97.3

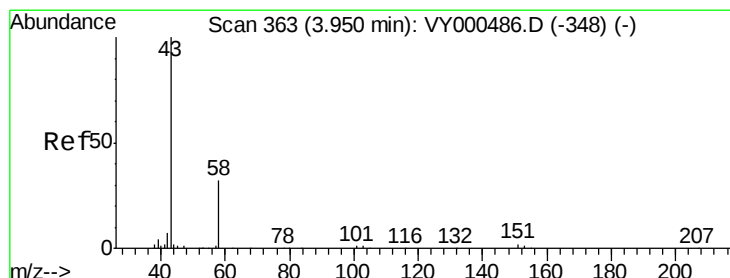
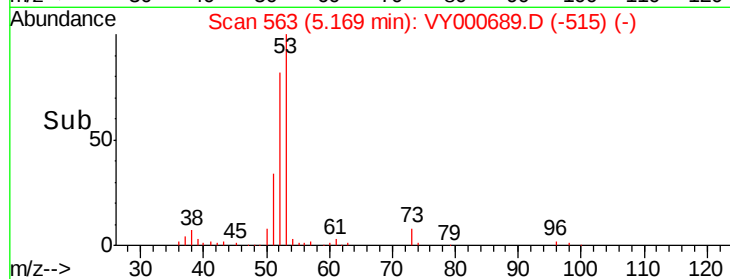
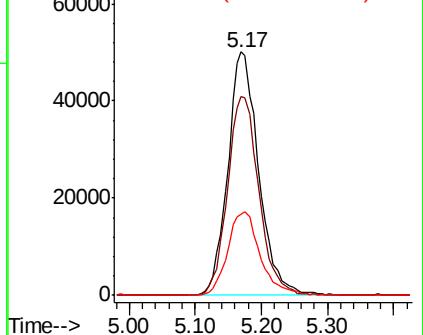
51 36.3 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000486.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000486.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000486.D (-550) (-)



#16

Acetone

Concen: 358.052 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY000689.D

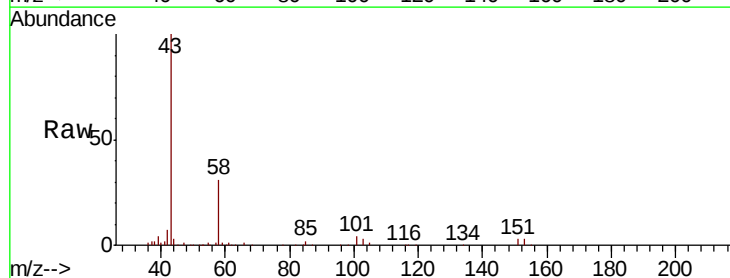
Acq: 15 Nov 2019 10:19

Tgt Ion: 43 Resp: 215709

Ion Ratio Lower Upper

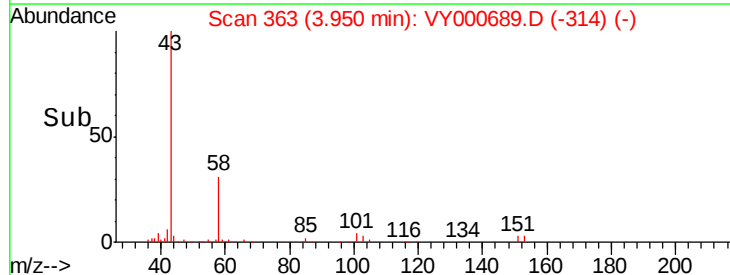
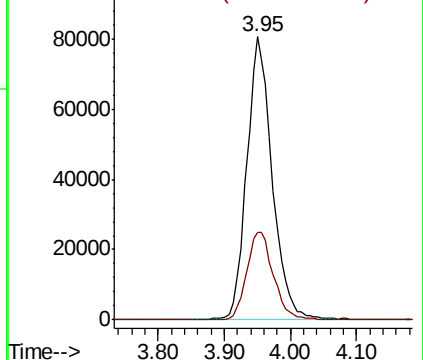
43 100

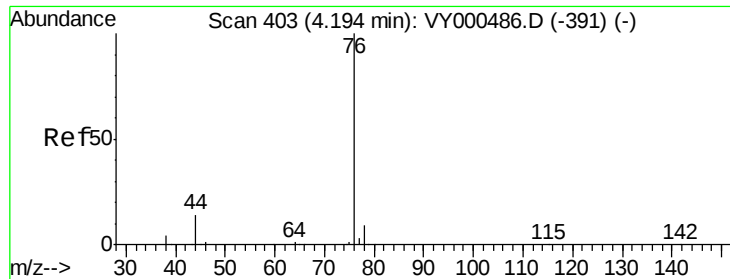
58 30.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-348) (-)

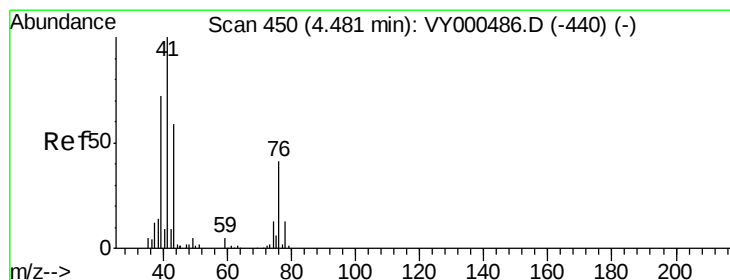
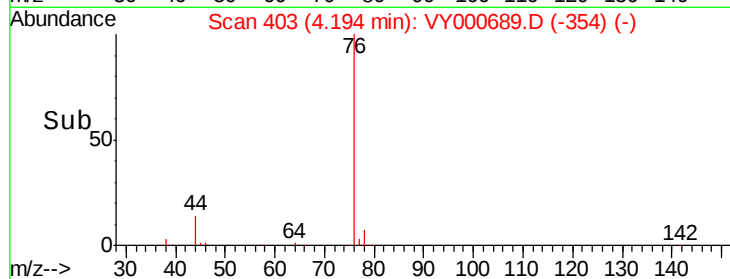
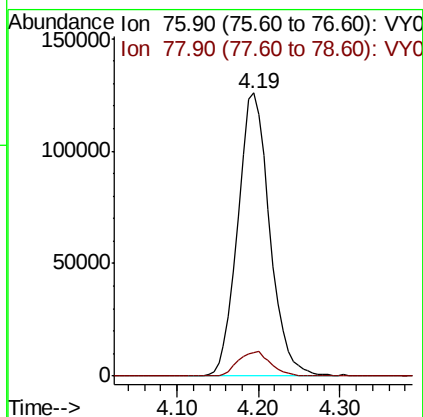
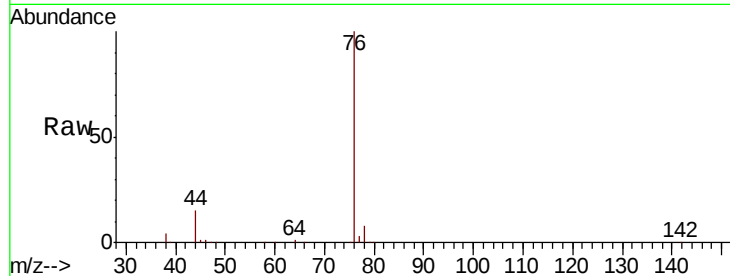




#17
Carbon Disulfide
Concen: 51.344 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

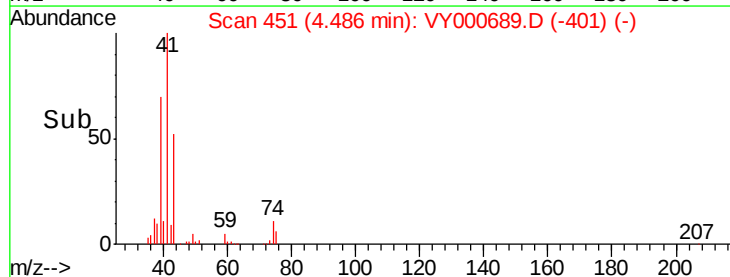
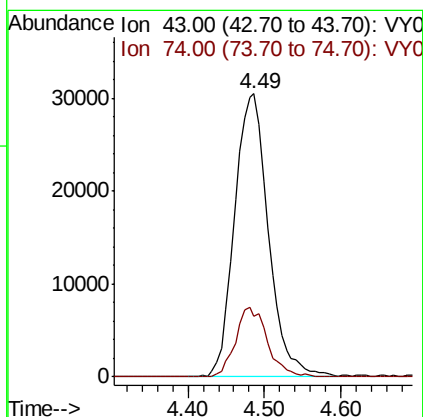
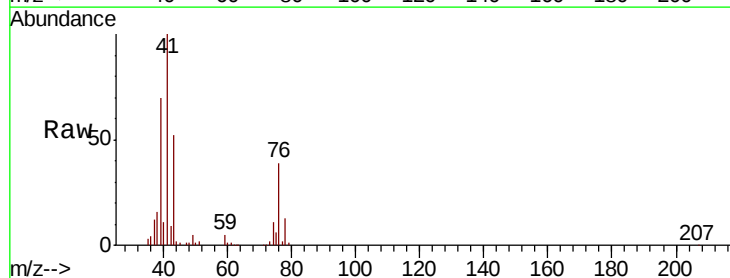
Instrument :
MSVOA_Y
ClientSampleId :

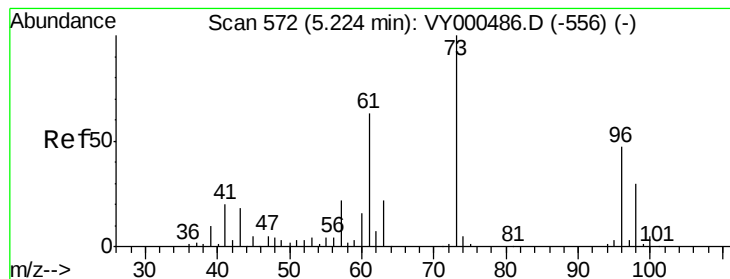
Tot Ion: 76 Resp: 341674
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 49.897 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 43 Resp: 93468
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8



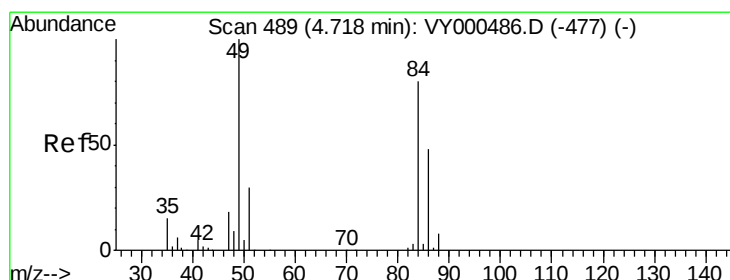
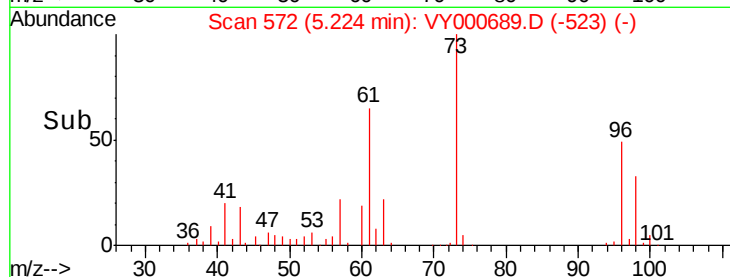
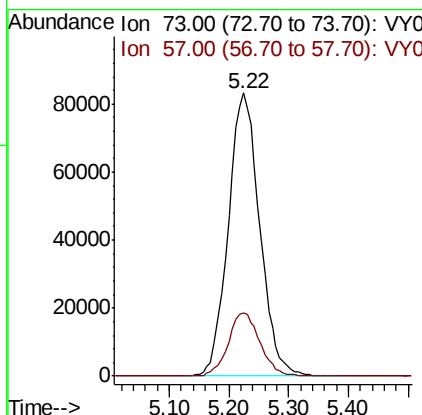
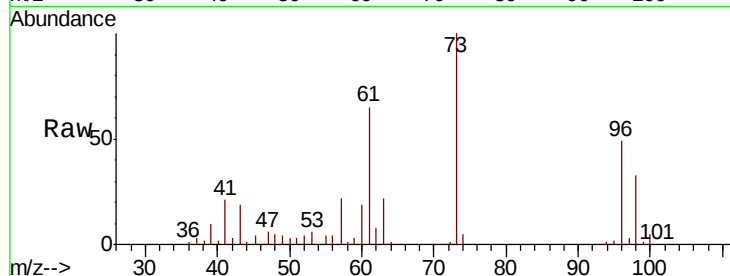


#19

Methyl tert-butyl Ether
 Concen: 51.992 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

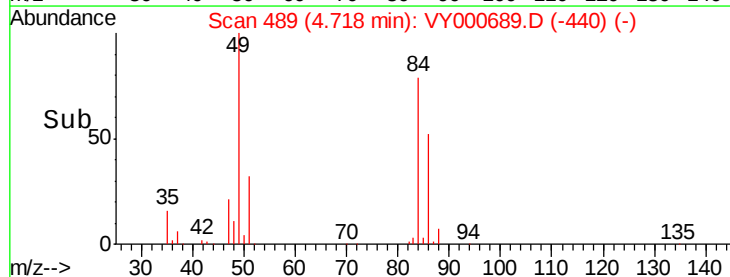
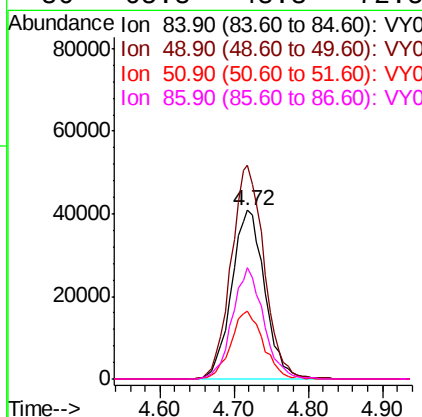
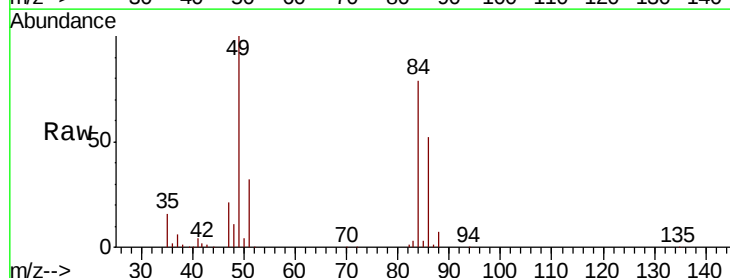
Tot Ion: 73 Resp: 304999
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.4 26.0

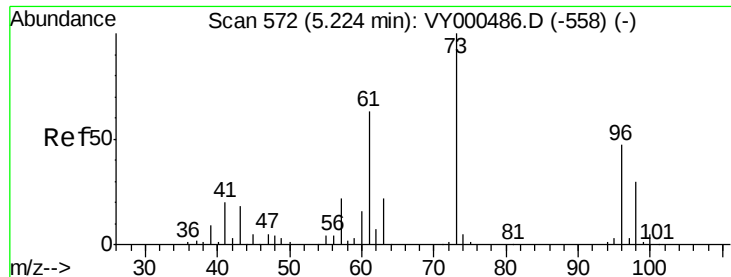


#20

Methylene Chloride
 Concen: 49.276 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 84 Resp: 127204
 Ion Ratio Lower Upper
 84 100
 49 126.6 100.2 150.4
 51 40.1 29.6 44.4
 86 65.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.809 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

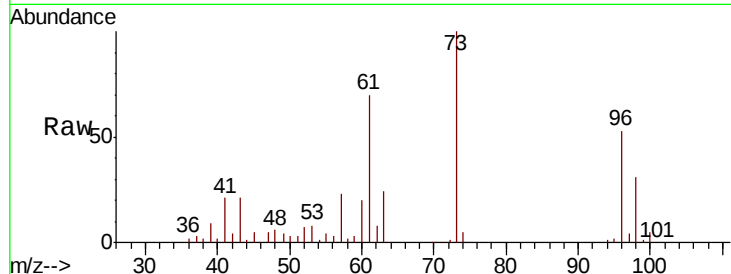
Tot Ion: 96 Resp: 128349

Ion Ratio Lower Upper

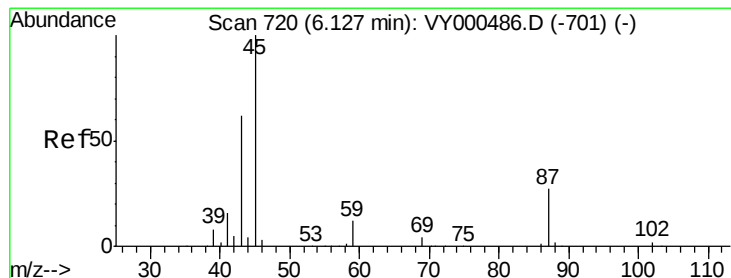
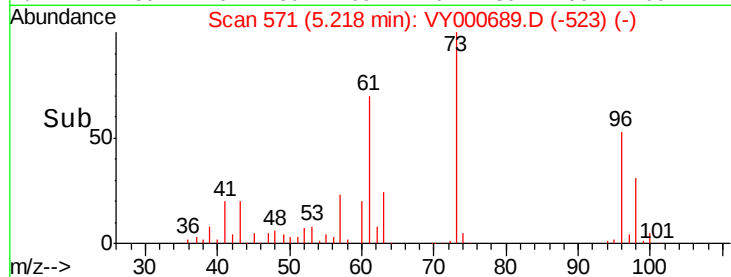
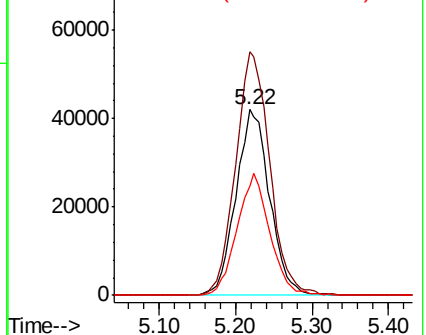
96 100

61 131.3 106.6 160.0

98 58.7 50.6 76.0



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



#22

Diisopropyl ether

Concen: 55.123 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion: 45 Resp: 411050

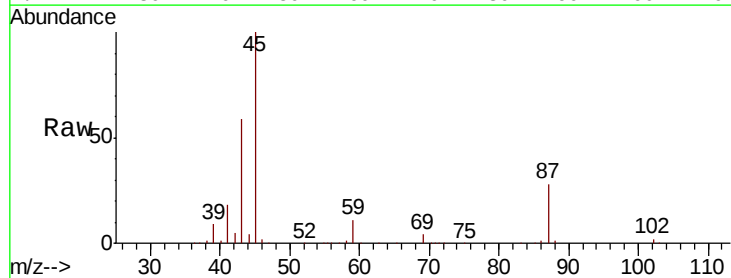
Ion Ratio Lower Upper

45 100

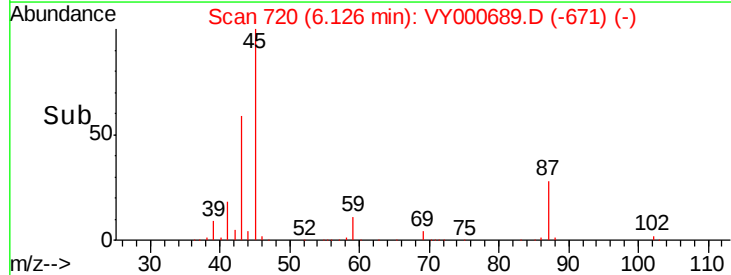
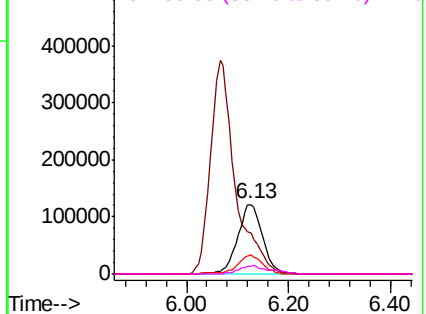
43 58.8 50.0 75.0

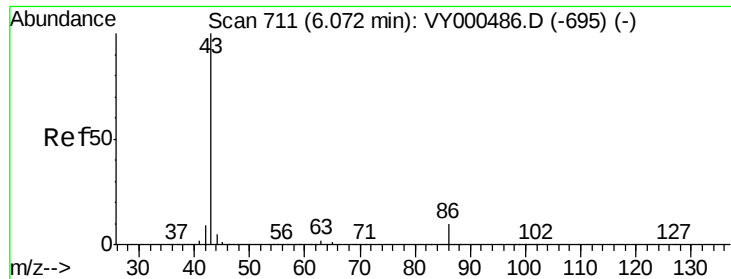
87 27.8 21.6 32.4

59 10.9 9.5 14.3



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





#23

Vinyl Acetate

Concen: 268.407 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

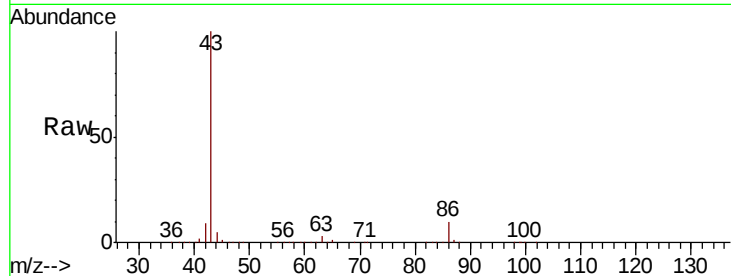
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1263451

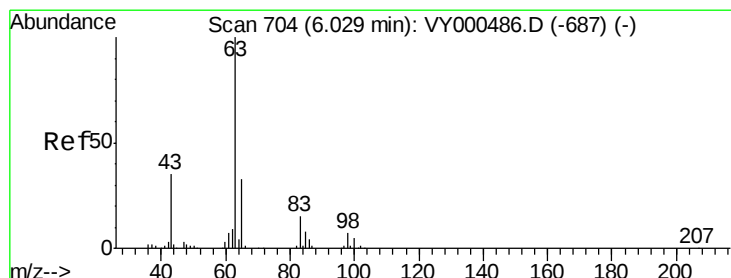
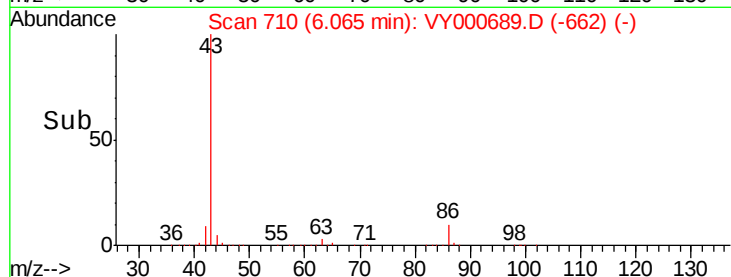
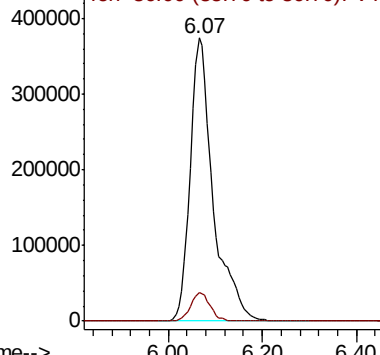
Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.6



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



#24

1,1-Dichloroethane

Concen: 54.045 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

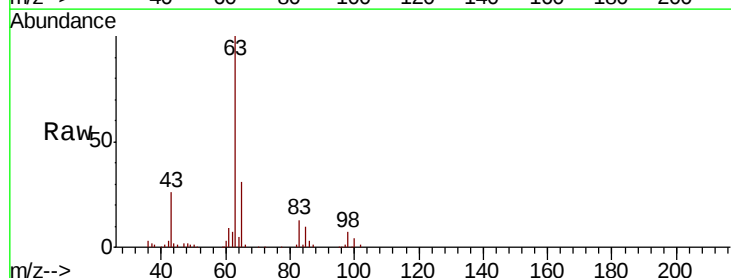
Tgt Ion: 63 Resp: 218328

Ion Ratio Lower Upper

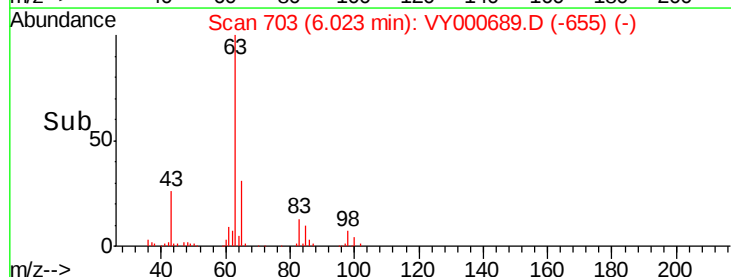
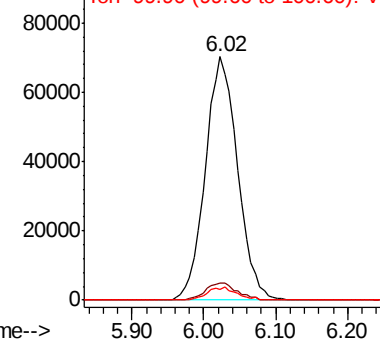
63 100

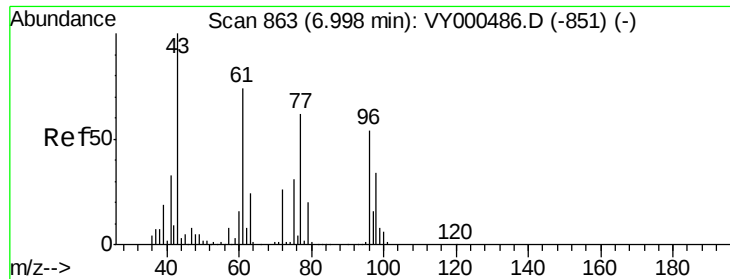
98 6.8 3.5 10.6

100 4.3 2.4 7.1



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: 285.935 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

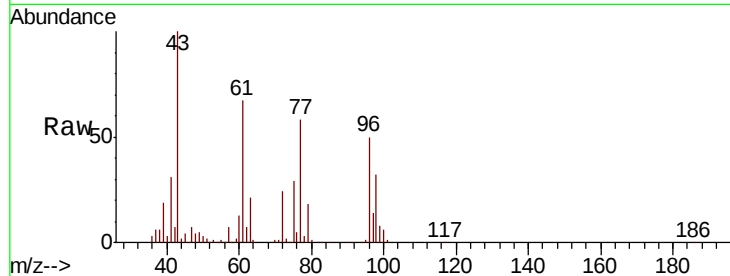
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 274919

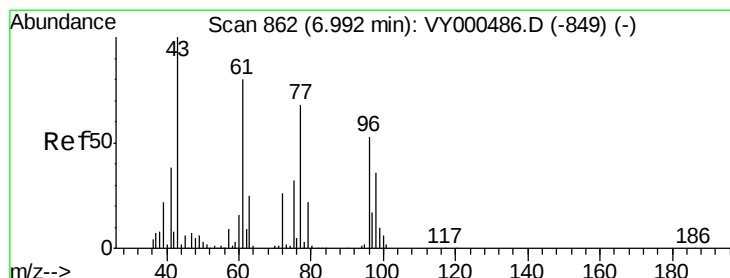
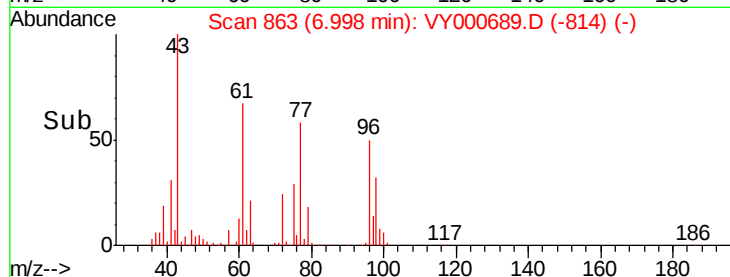
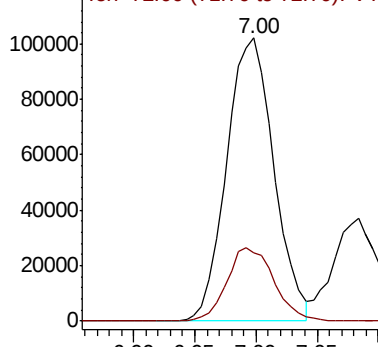
Ion Ratio Lower Upper

43 100

72 24.1 20.9 31.3



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



#26

2,2-Dichloropropane

Concen: 55.234 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000689.D

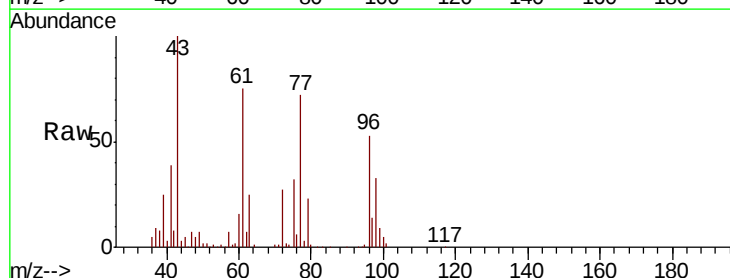
Acq: 15 Nov 2019 10:19

Tgt Ion: 77 Resp: 203912

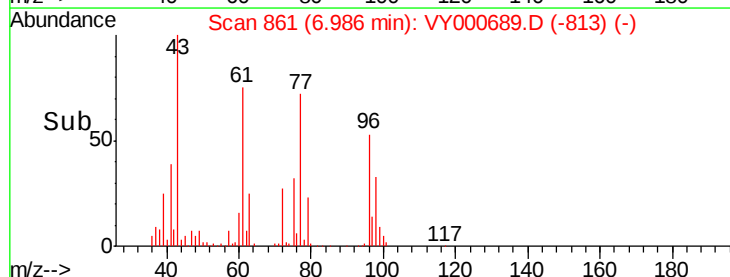
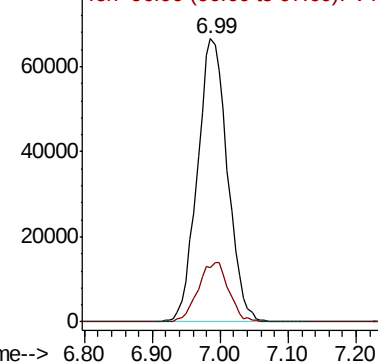
Ion Ratio Lower Upper

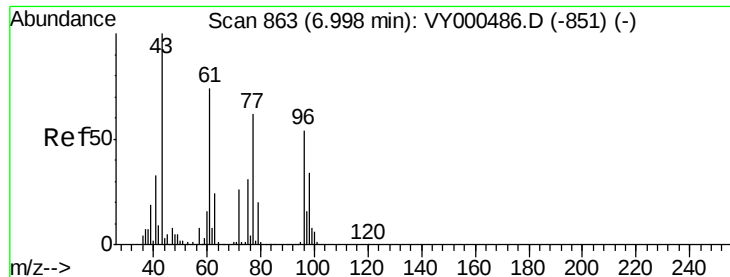
77 100

97 21.3 11.8 35.4



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



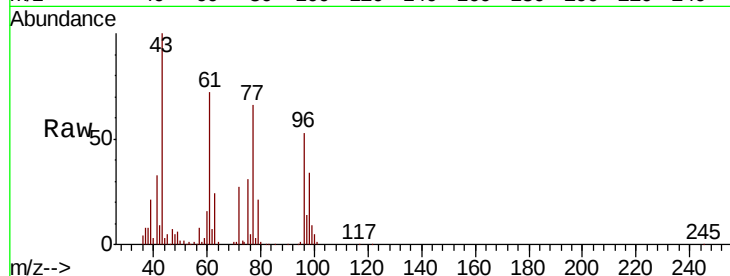


#27

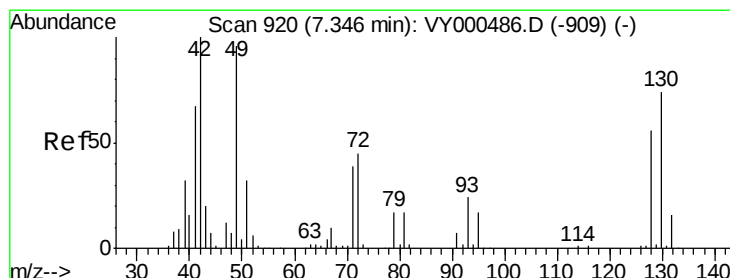
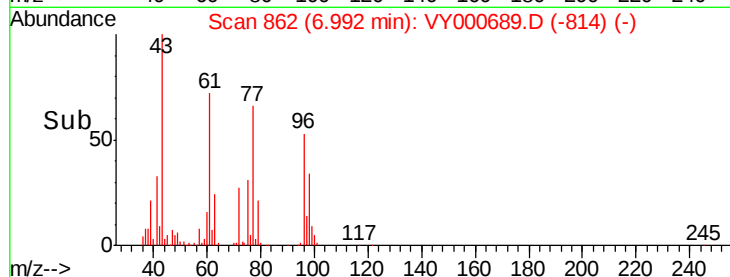
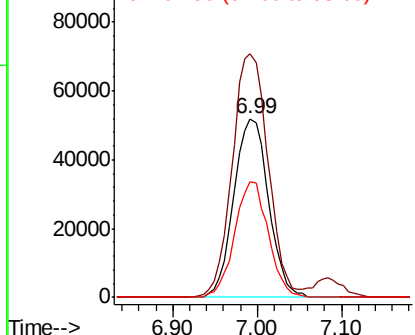
cis-1,2-Dichloroethene
Concen: 55.698 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 145272
Ion Ratio Lower Upper
96 100
61 140.4 0.0 287.0
98 62.5 0.0 129.4



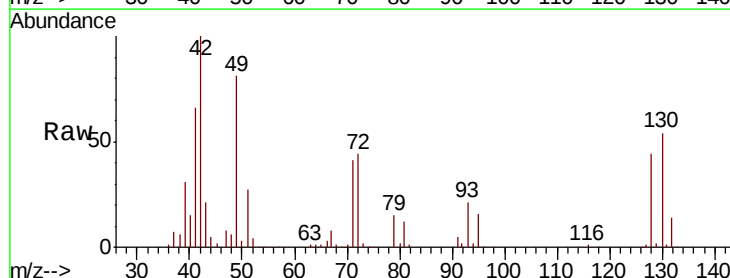
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



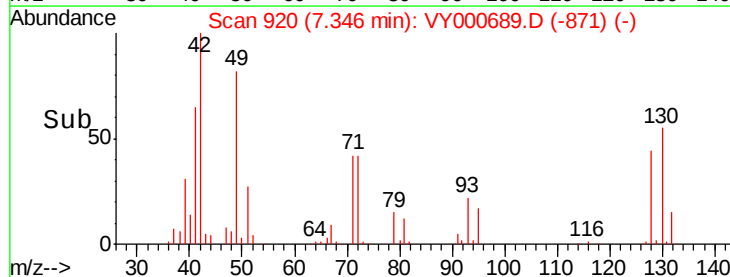
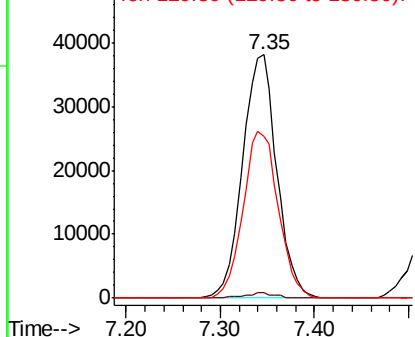
#28

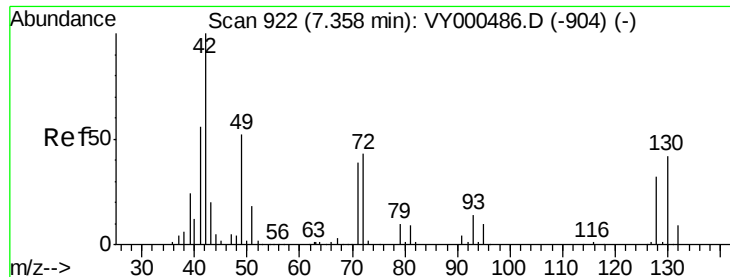
Bromochloromethane
Concen: 52.421 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 49 Resp: 96978
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 70.7 59.4 89.0



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

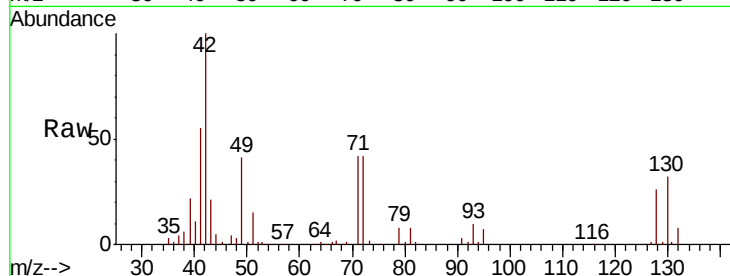




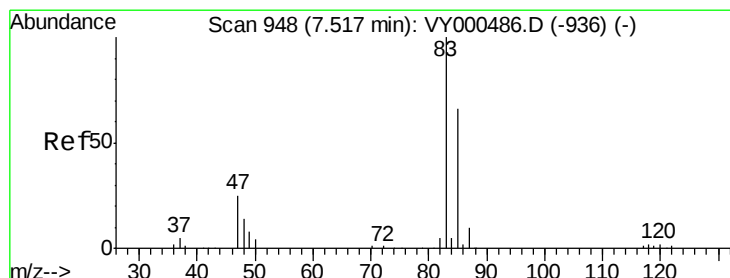
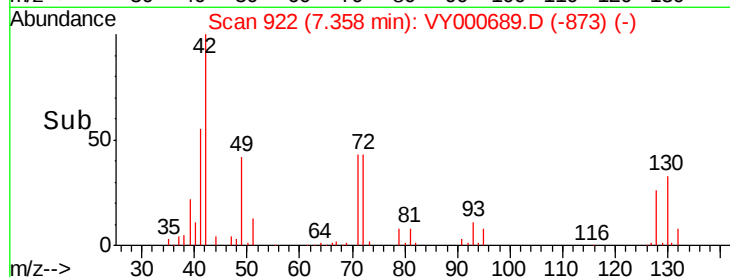
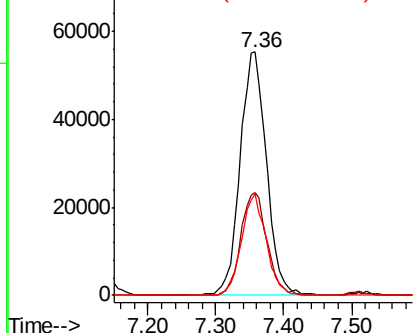
#29
Tetrahydrofuran
Concen: 253.809 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 149289
Ion Ratio Lower Upper
42 100
72 41.8 34.0 51.0
71 38.8 30.8 46.2

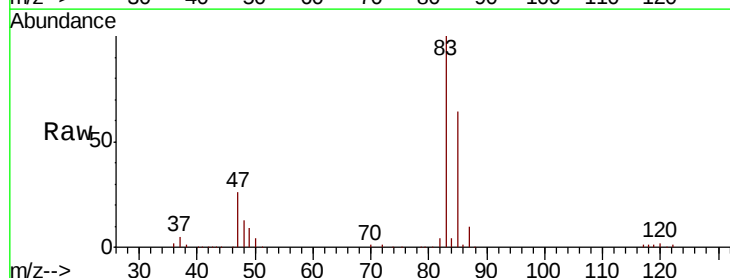


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

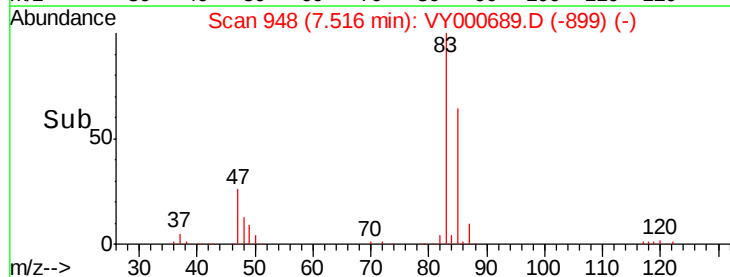
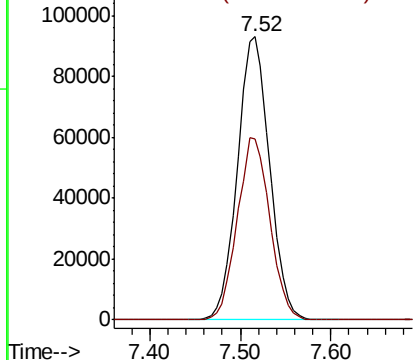


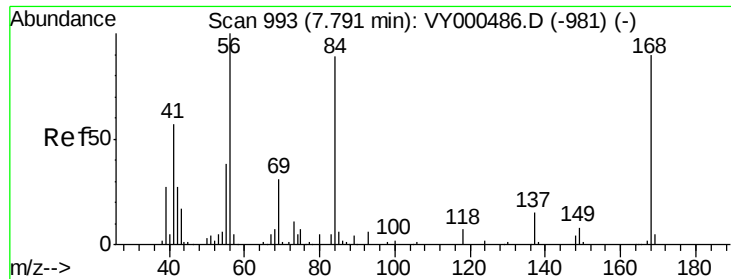
#30
Chloroform
Concen: 56.075 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 83 Resp: 229157
Ion Ratio Lower Upper
83 100
85 64.0 53.0 79.4



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

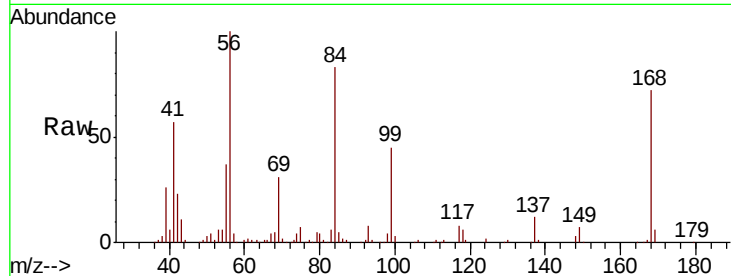




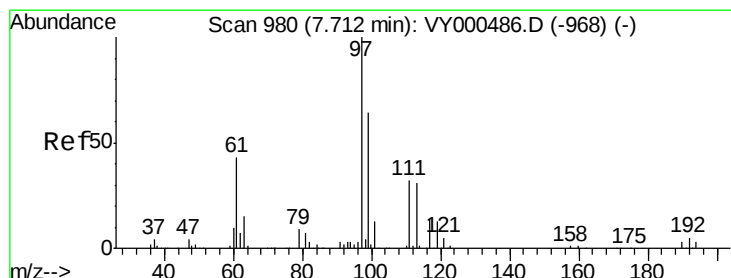
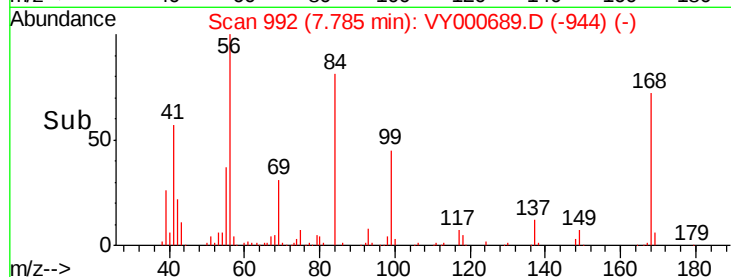
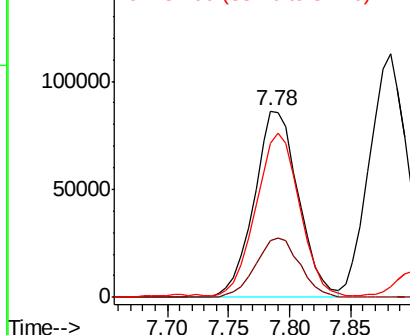
#31
Cyclohexane
Concen: 51.638 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 218487
Ion Ratio Lower Upper
56 100
69 30.6 25.0 37.6
84 81.8 71.4 107.2

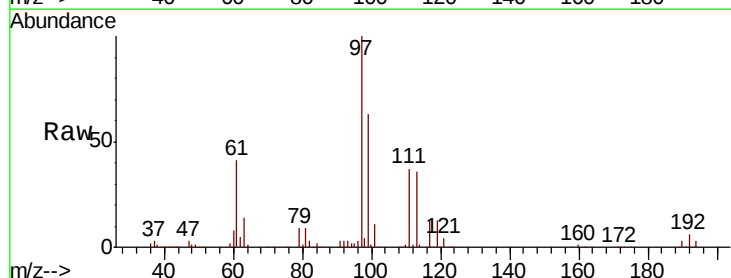


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

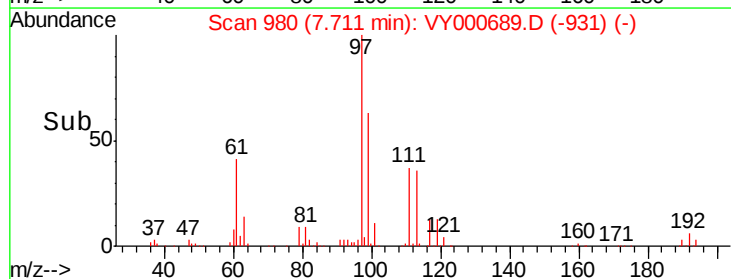
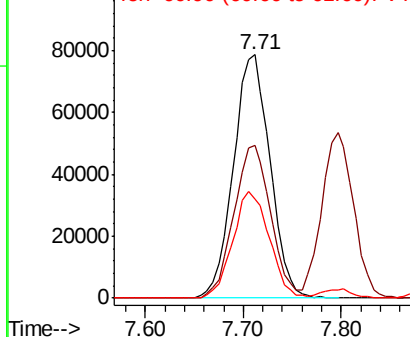


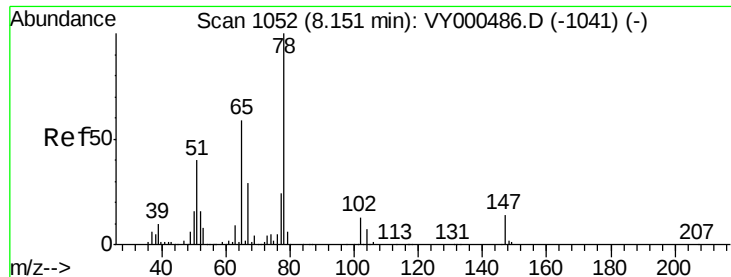
#32
1,1,1-Trichloroethane
Concen: 56.068 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 97 Resp: 204208
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 43.7 34.9 52.3



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

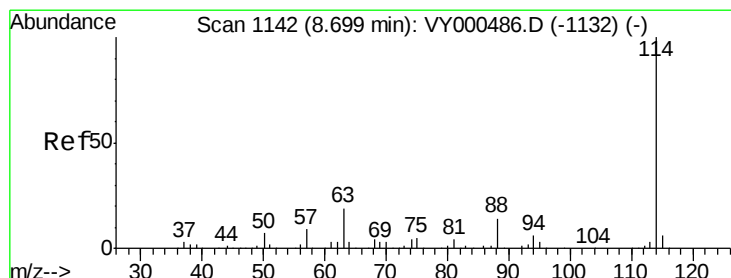
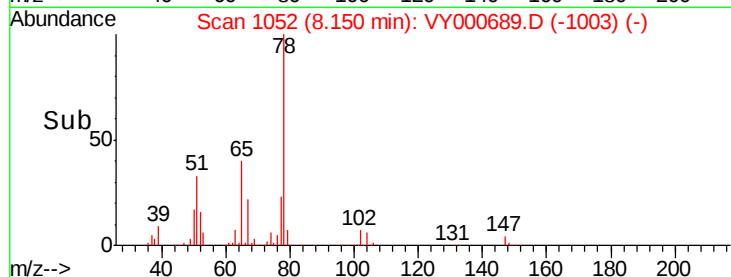
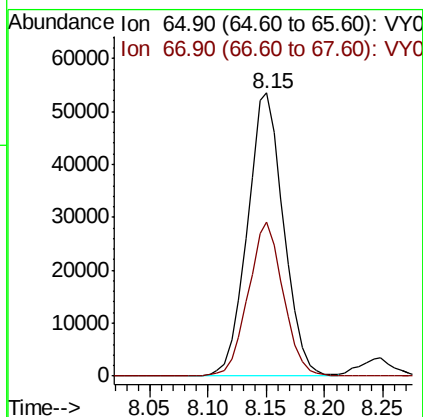
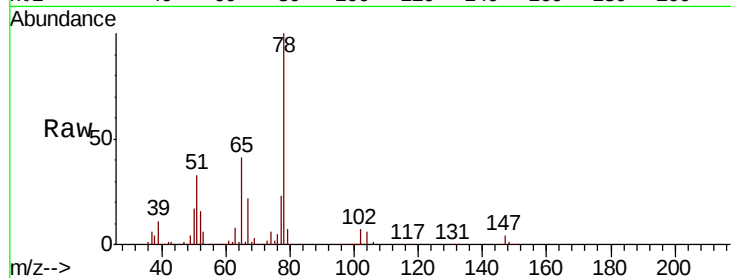




#33
 1,2-Dichloroethane-d4
 Concen: 53.000 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

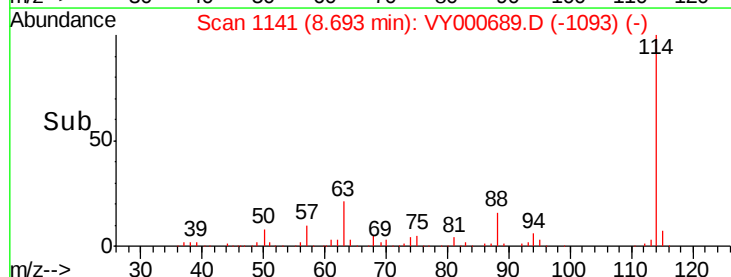
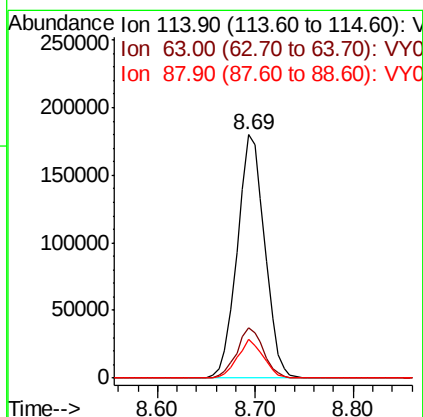
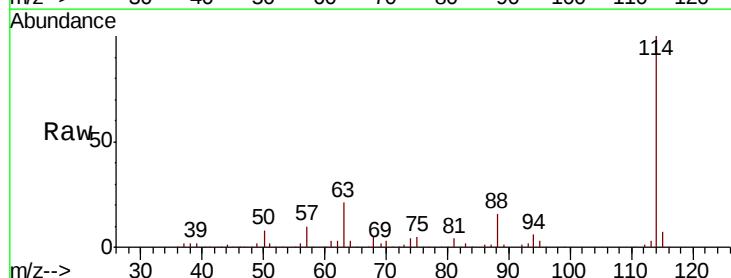
Instrument :
 MSVOA_Y
 ClientSampleId :

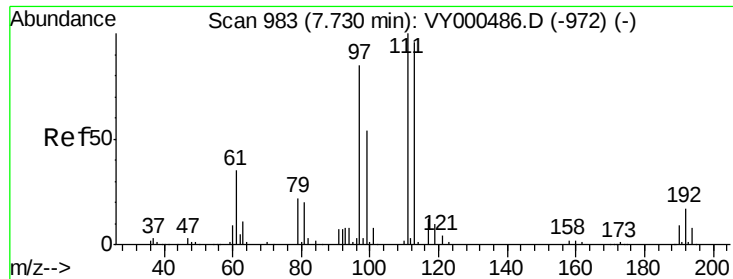
Tot Ion: 65 Resp: 115852
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 114 Resp: 349724
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 16.0 0.0 28.6

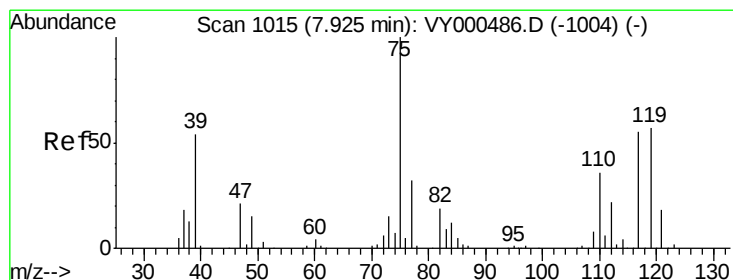
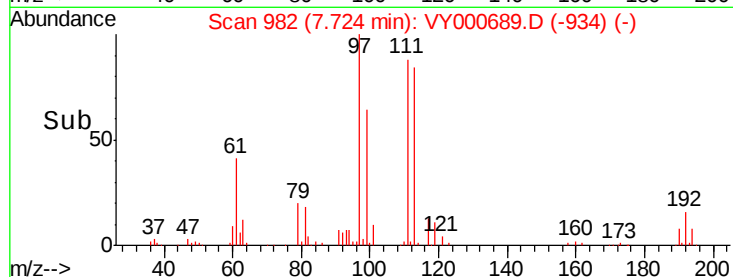
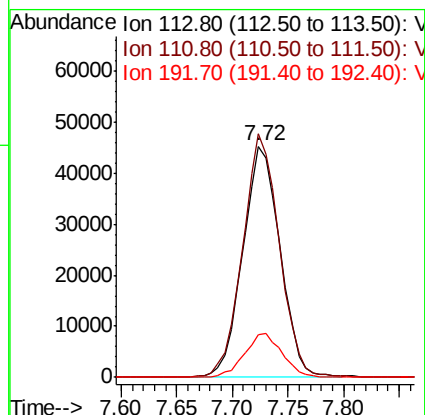
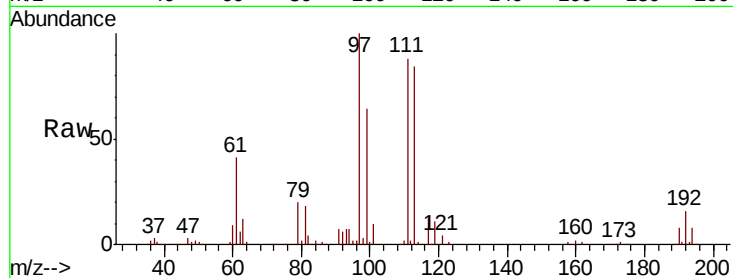




#35
 Dibromofluoromethane
 Concen: 51.446 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

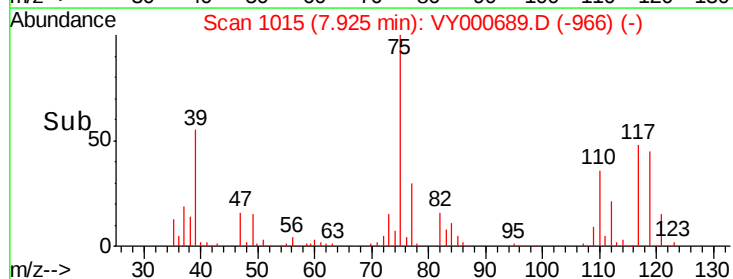
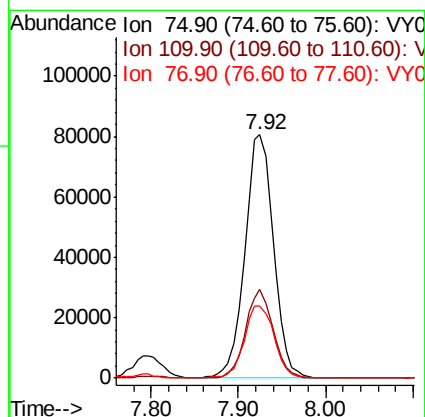
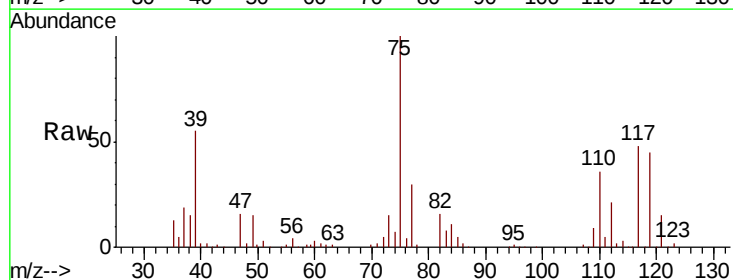
Instrument :
 MSVOA_Y
 ClientSampled :

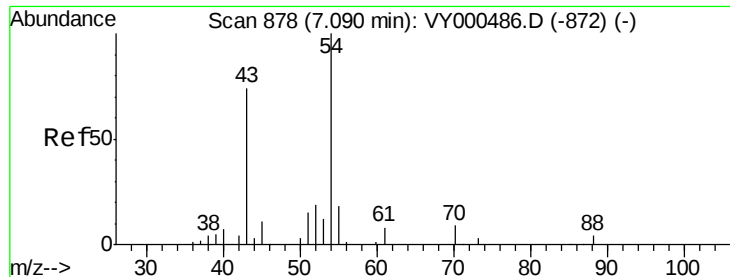
Tot Ion:113 Resp: 105624
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 19.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 55.292 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 75 Resp: 182803
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.1 54.1
 77 31.3 25.0 37.6

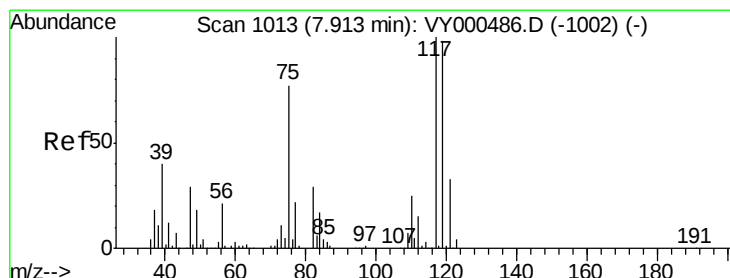
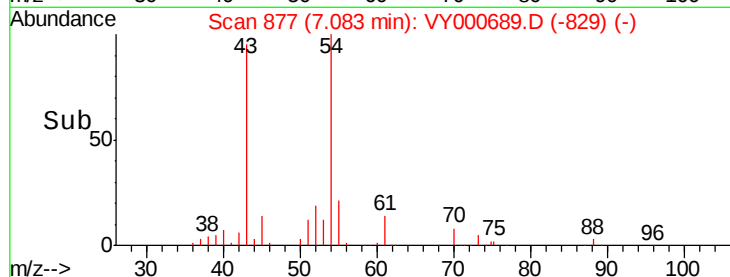
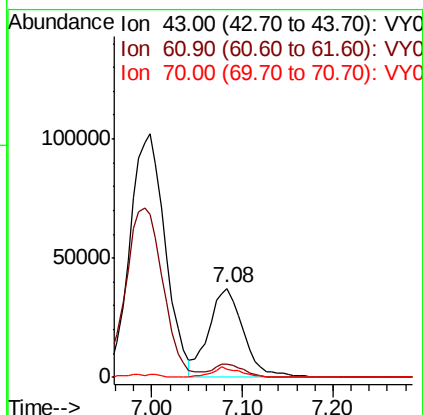
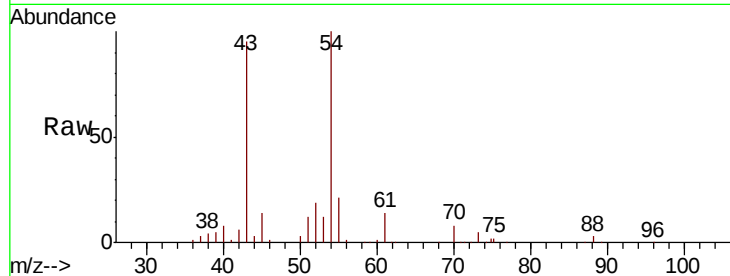




#37
Ethyl Acetate
Concen: 50.555 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

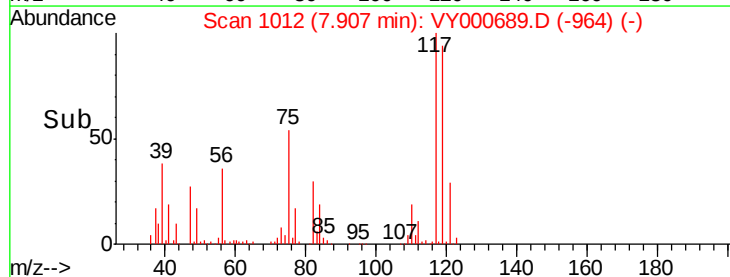
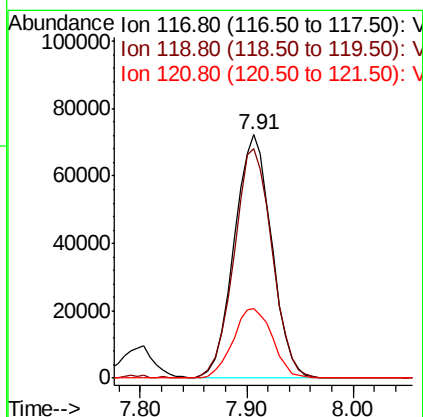
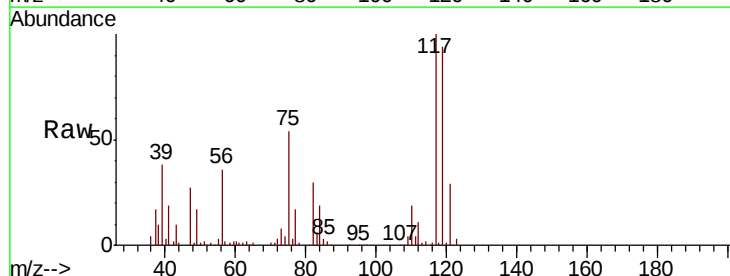
Instrument :
MSVOA_Y
ClientSampled :

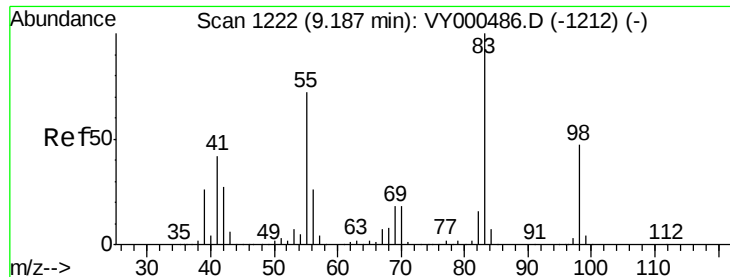
Tot Ion: 43 Resp: 99232
Ion Ratio Lower Upper
43 100
61 14.0 10.2 15.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.983 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 117 Resp: 178096
Ion Ratio Lower Upper
117 100
119 94.4 78.0 117.0
121 28.7 26.6 40.0

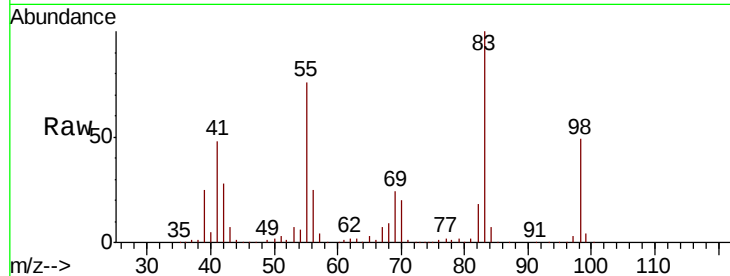




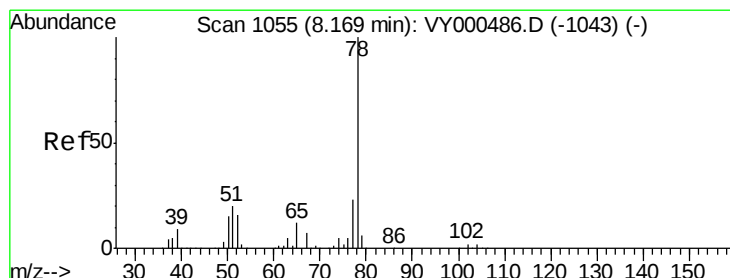
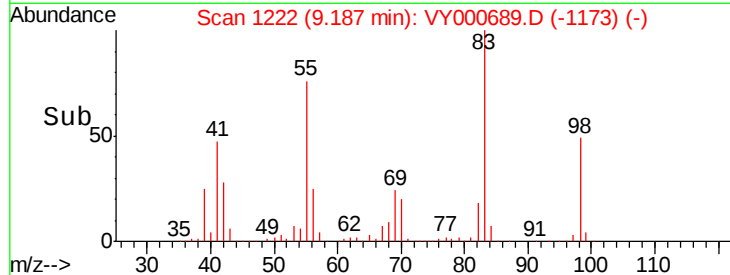
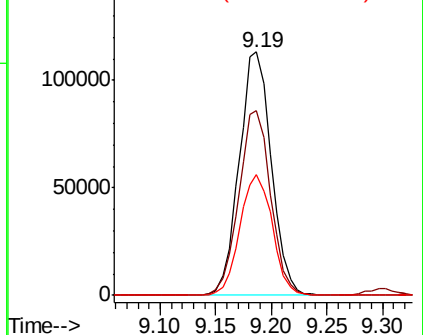
#39
Methvlcvclohexane
Concen: 52.961 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 226211
Ion Ratio Lower Upper
83 100
55 76.0 57.5 86.3
98 49.5 38.0 57.0

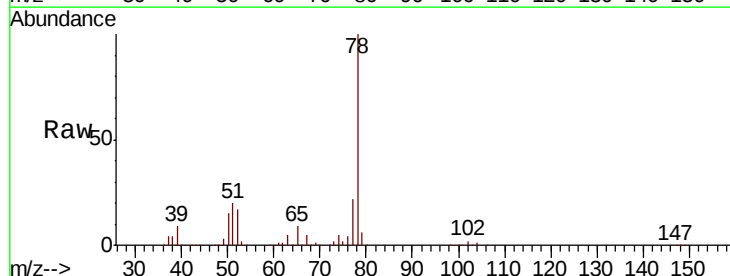


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

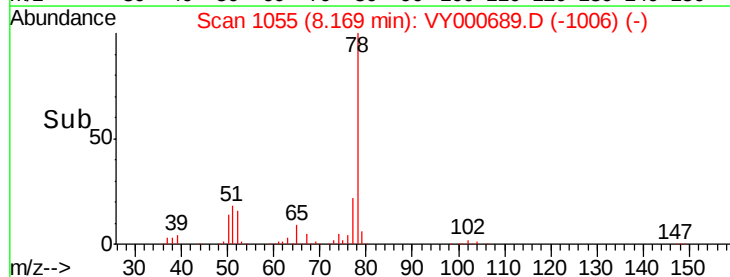
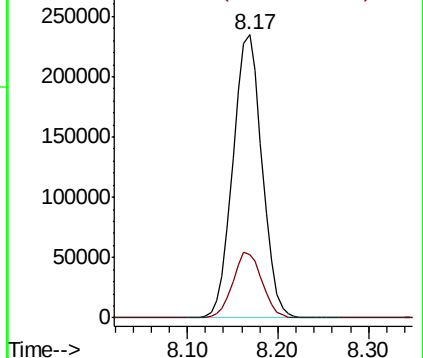


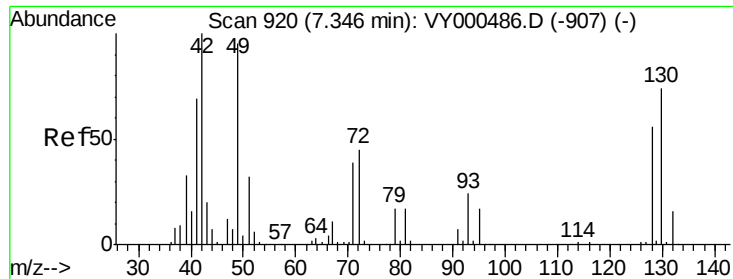
#40
Benzene
Concen: 53.952 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 78 Resp: 522946
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0



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

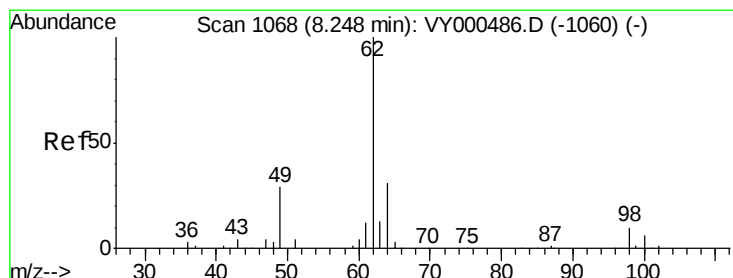
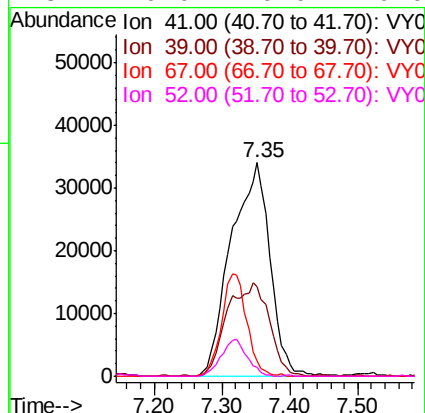
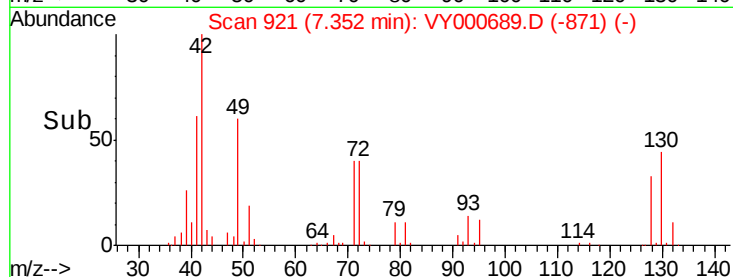
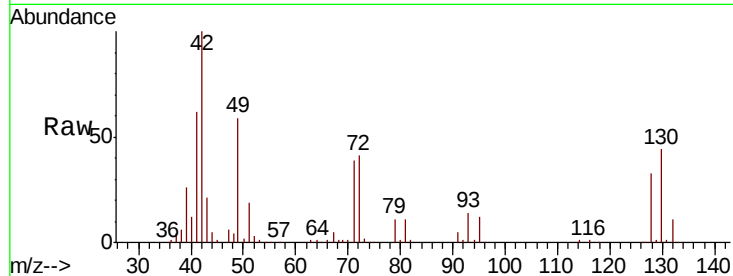




#41
Methacrylonitrile
Concen: 123.250 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

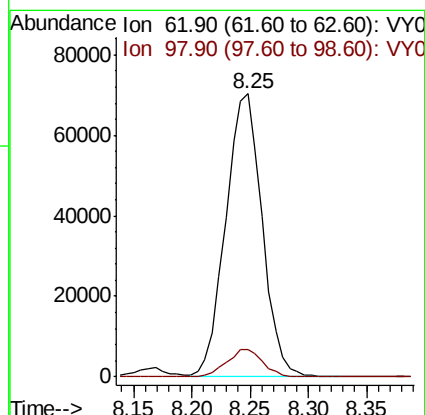
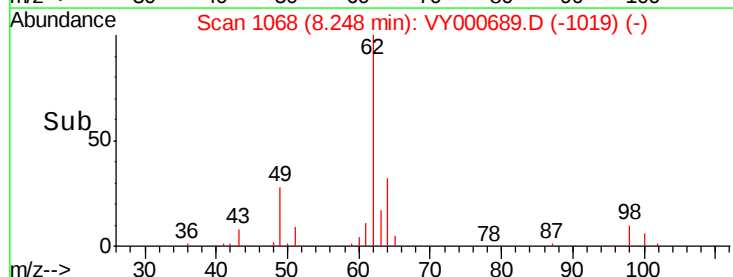
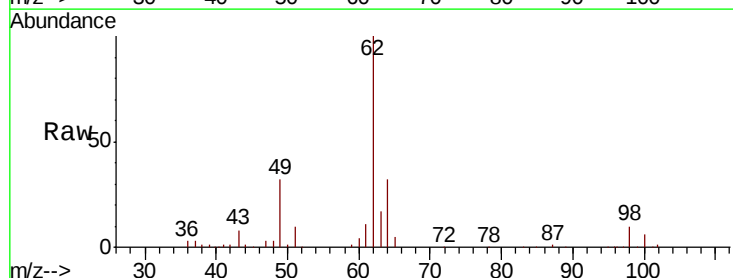
Instrument :
MSVOA_Y
ClientSampled :

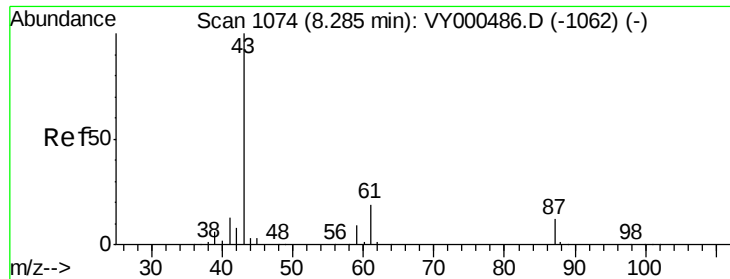
Tot Ion: 41 Resp: 134959
Ion Ratio Lower Upper
41 100
39 47.2 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.549 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 62 Resp: 152711
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 51.651 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

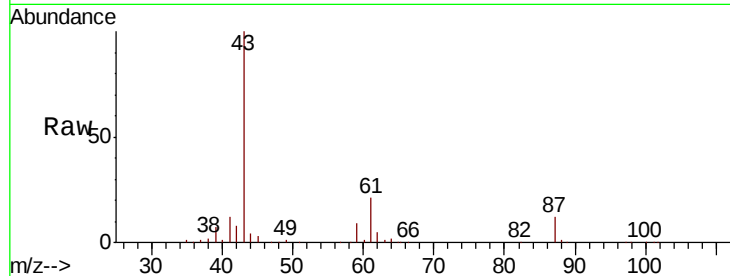
Tot Ion: 43 Resp: 190451

Ion Ratio Lower Upper

43 100

61 28.3 23.0 34.4

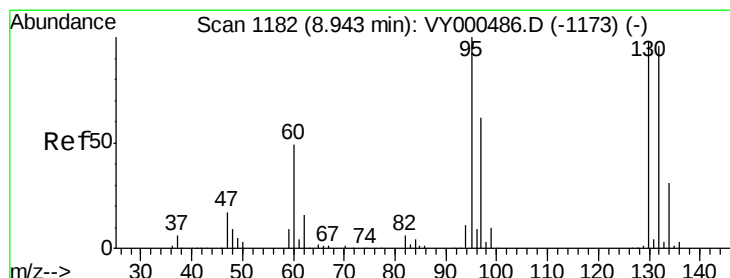
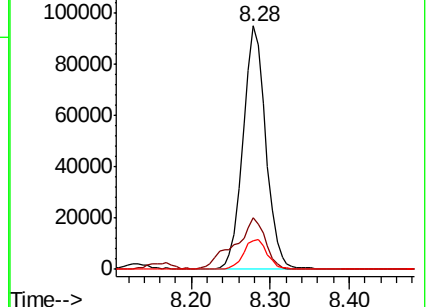
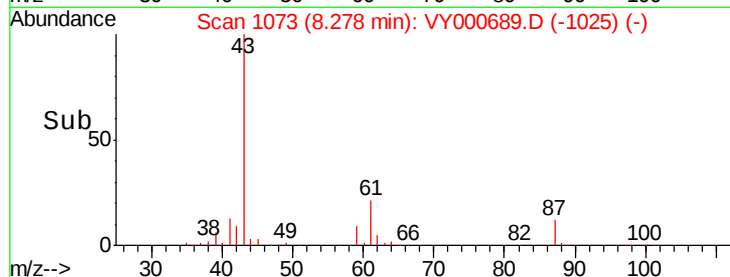
87 12.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 53.451 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000689.D

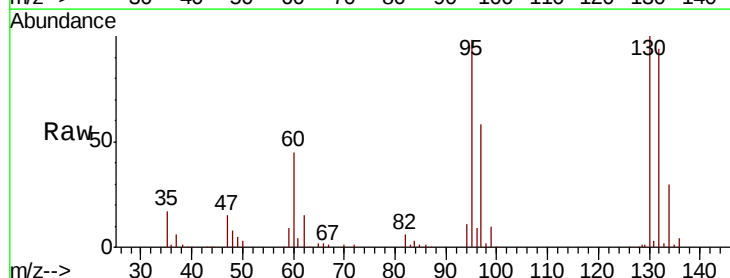
Acq: 15 Nov 2019 10:19

Tgt Ion:130 Resp: 136601

Ion Ratio Lower Upper

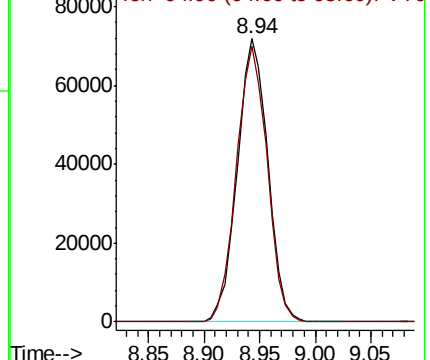
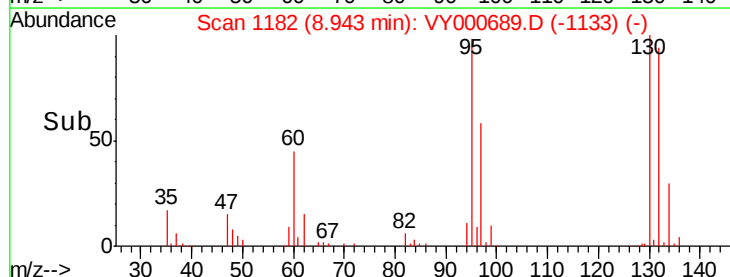
130 100

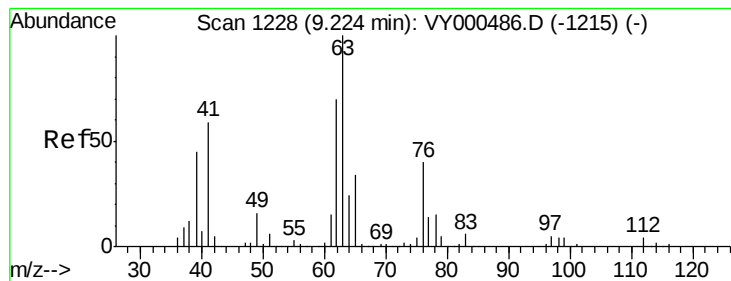
95 97.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 56.054 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

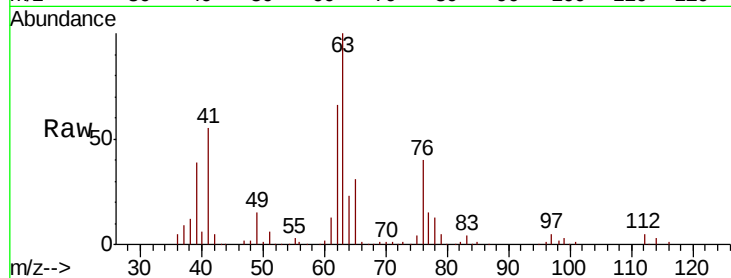
ClientSampleId :

Tot Ion: 63 Resp: 133722

Ion Ratio Lower Upper

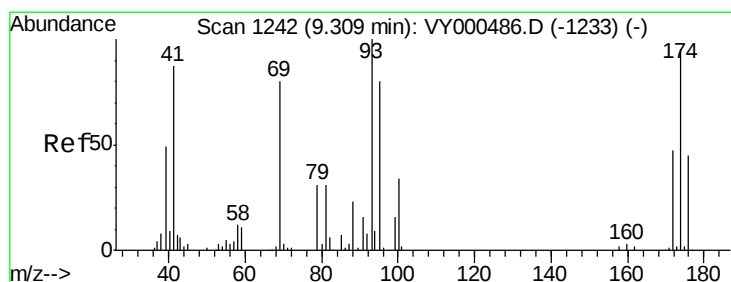
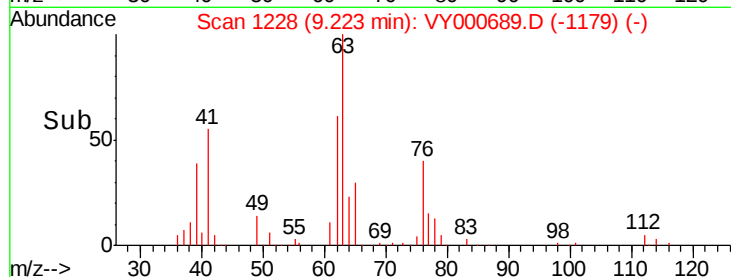
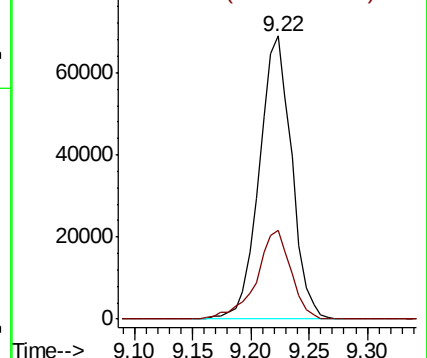
63 100

65 31.2 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 53.343 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

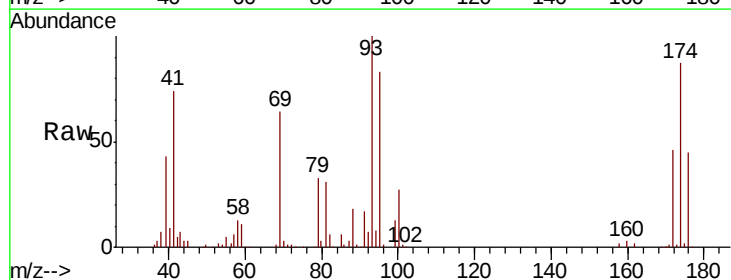
Tgt Ion: 93 Resp: 69985

Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

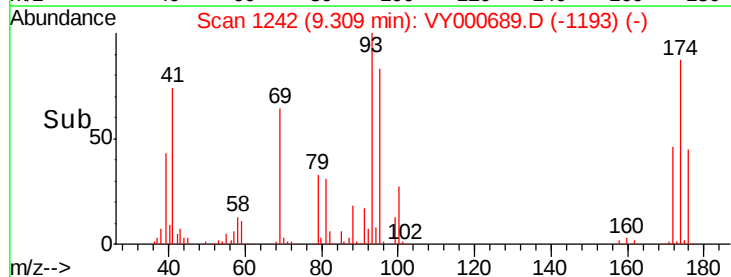
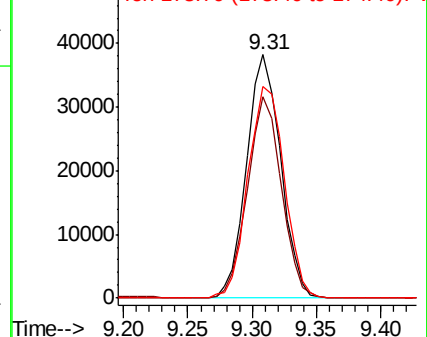
174 92.4 77.1 115.7

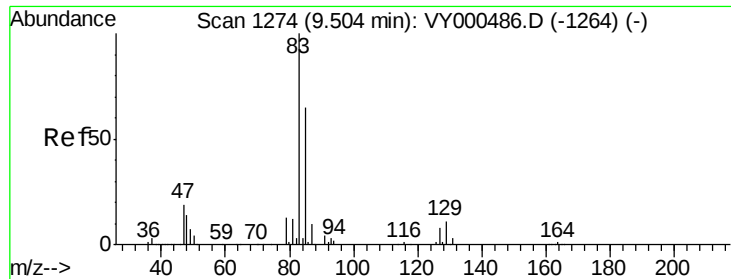


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

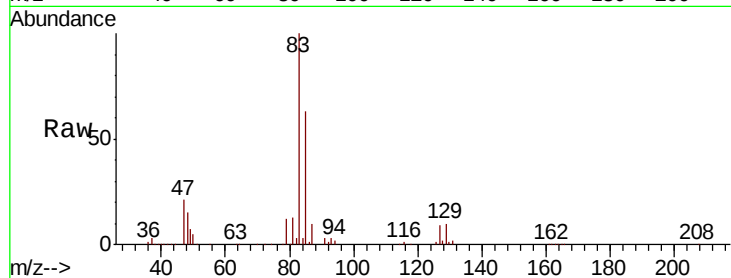




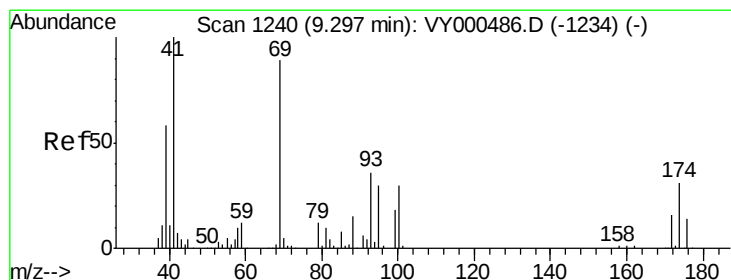
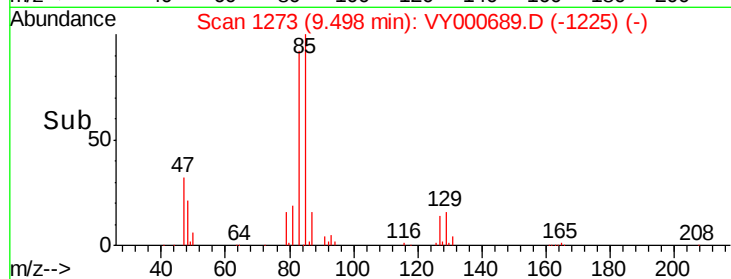
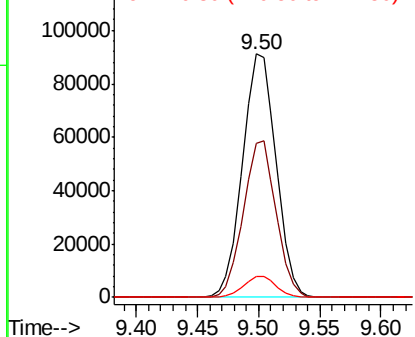
#47
Bromodichloromethane
Concen: 55.857 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 173887
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.8
127 8.7 6.7 10.1

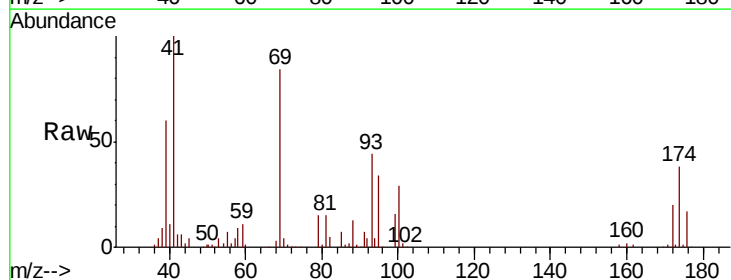


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

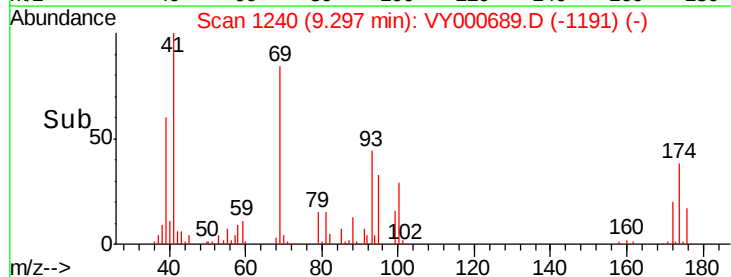
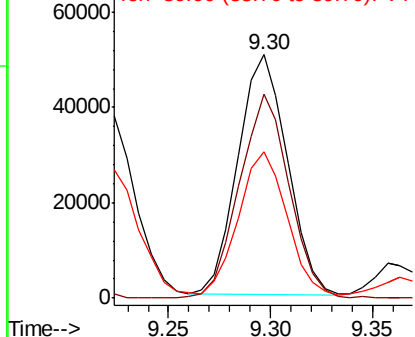


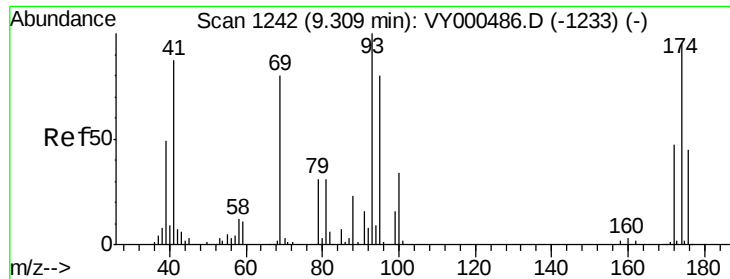
#48
Methyl methacrylate
Concen: 52.981 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 41 Resp: 85354
Ion Ratio Lower Upper
41 100
69 85.5 72.5 108.7
39 60.5 47.8 71.8



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

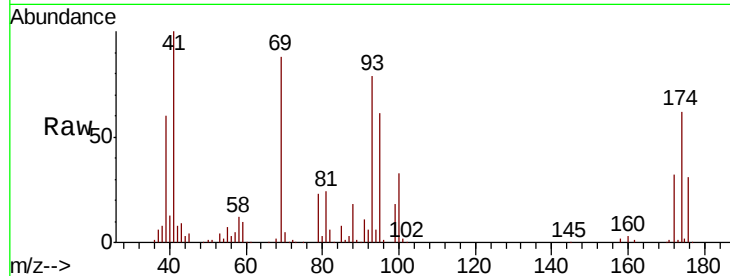




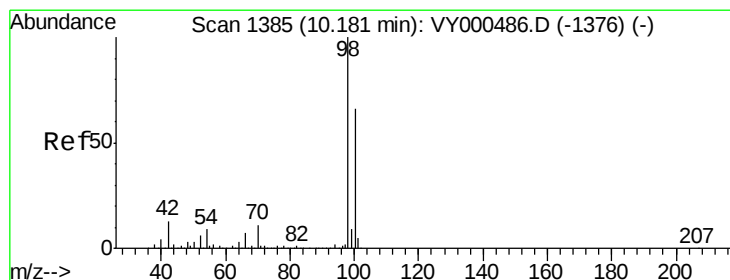
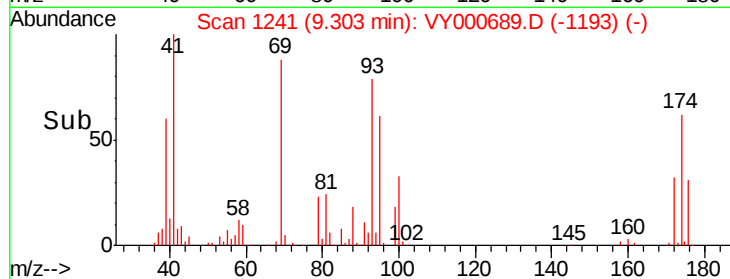
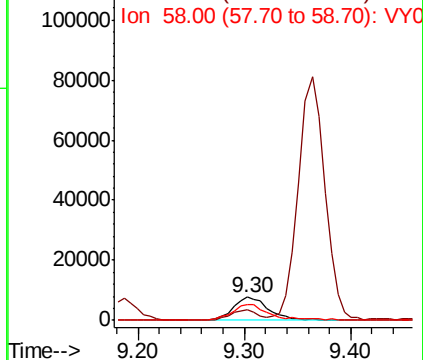
#49
 1,4-Dioxane
 Concen: 1019.469 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 18001
 Ion Ratio Lower Upper
 88 100
 43 35.7 25.1 37.7
 58 68.4 50.6 75.8

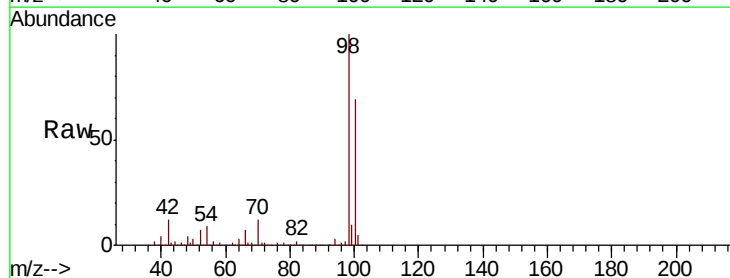


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

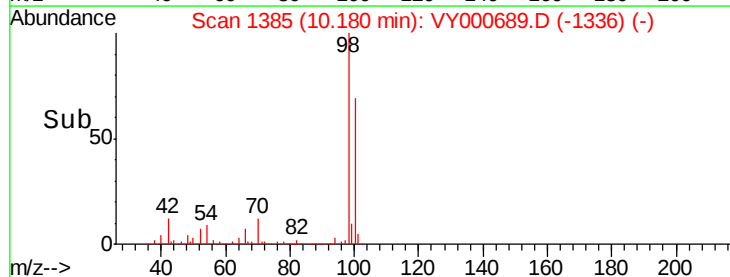
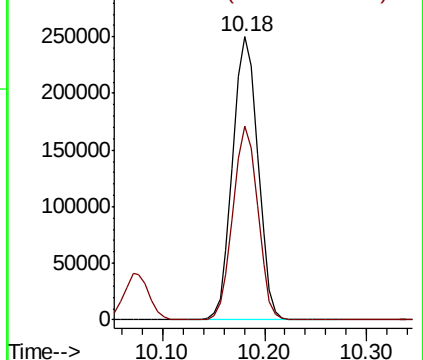


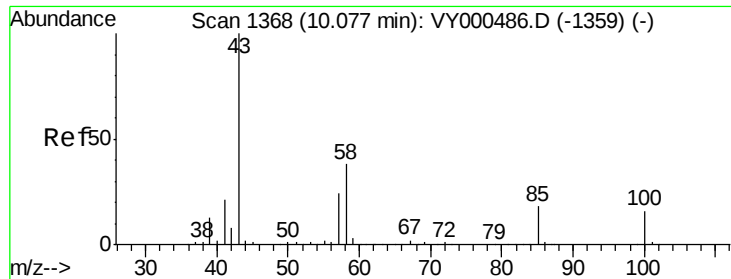
#50
 Toluene-d8
 Concen: 54.990 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 98 Resp: 428394
 Ion Ratio Lower Upper
 98 100
 100 67.3 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 254.691 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

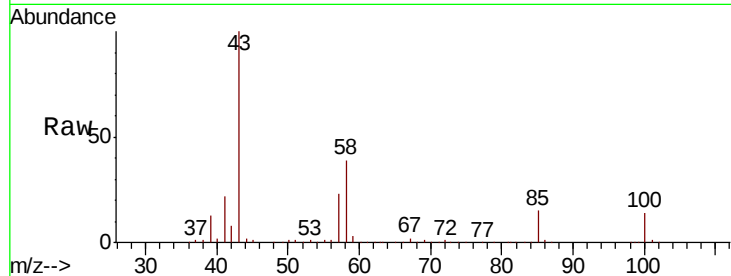
ClientSampleId :

Tot Ion: 43 Resp: 499299

Ion Ratio Lower Upper

43 100

58 38.8 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)

10.07

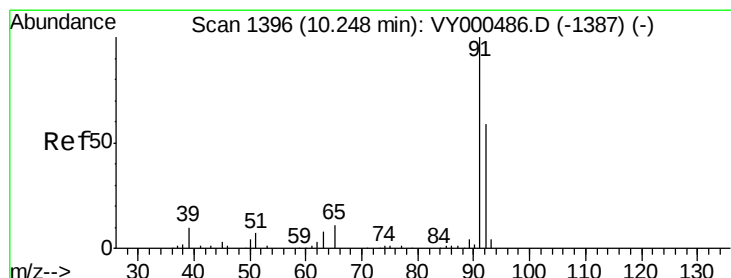
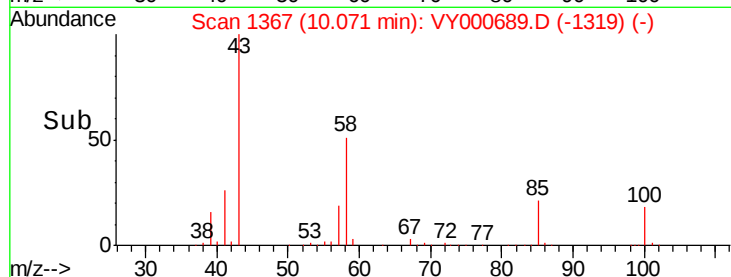
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.620 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000689.D

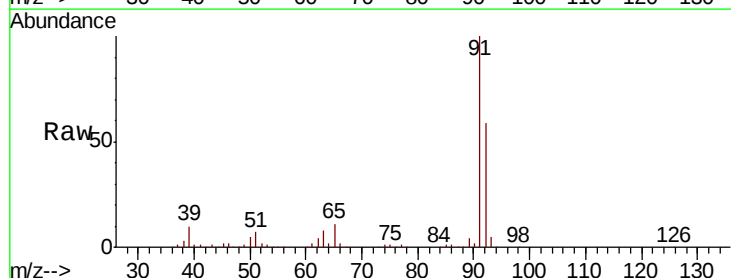
Acq: 15 Nov 2019 10:19

Tgt Ion: 92 Resp: 340847

Ion Ratio Lower Upper

92 100

91 168.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)

10.25

400000

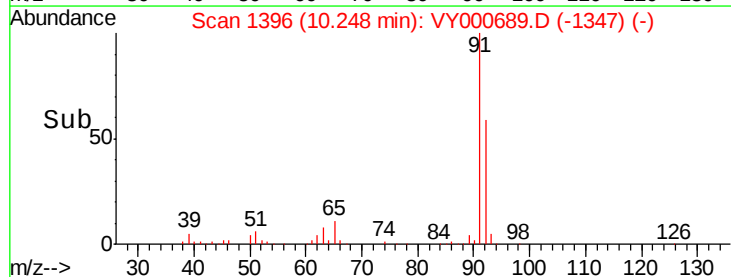
300000

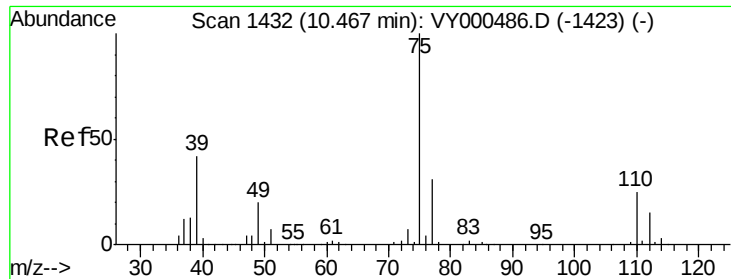
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.746 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

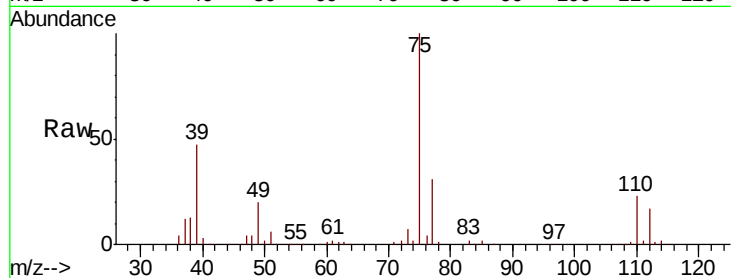
ClientSampled :

Tot Ion: 75 Resp: 185427

Ion Ratio Lower Upper

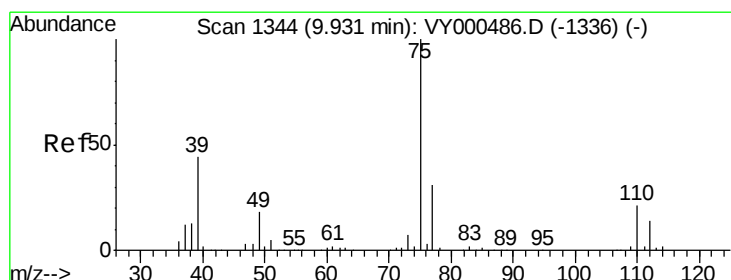
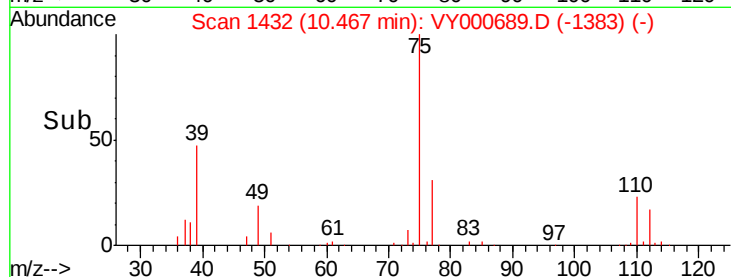
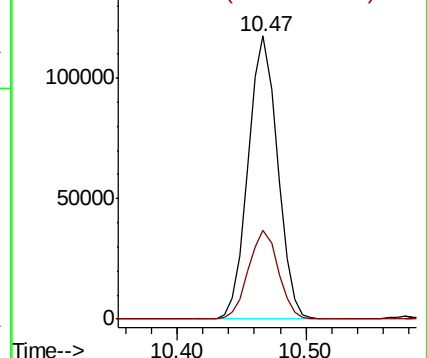
75 100

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 55.759 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

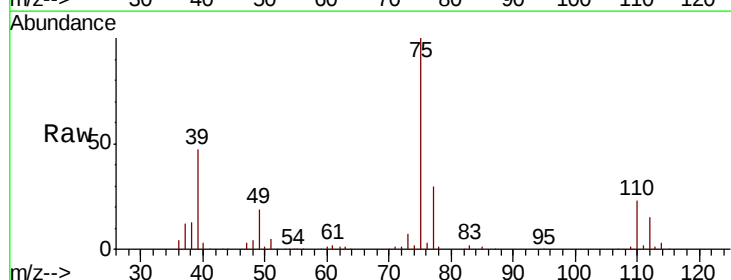
Tgt Ion: 75 Resp: 212475

Ion Ratio Lower Upper

75 100

77 29.9 24.5 36.7

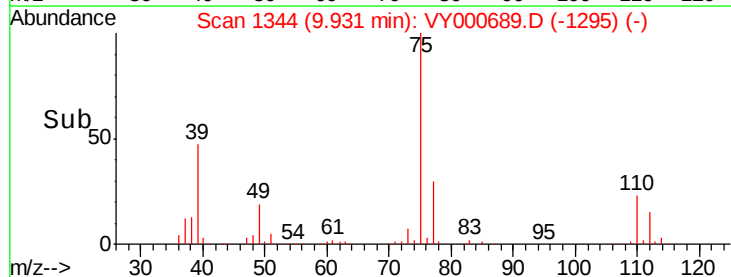
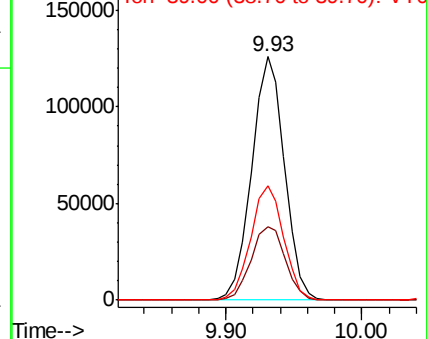
39 46.9 35.4 53.2

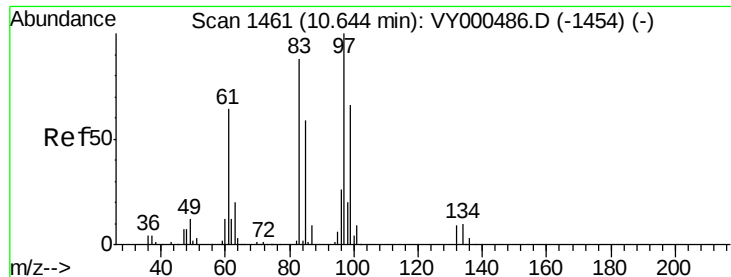


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

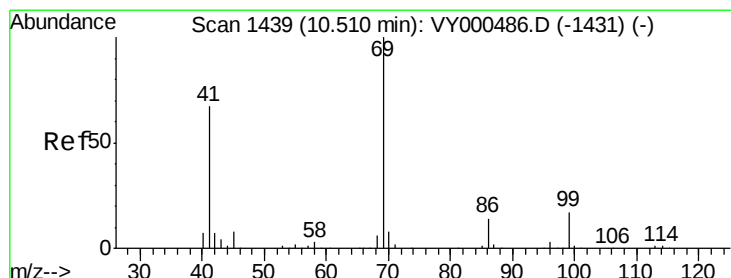
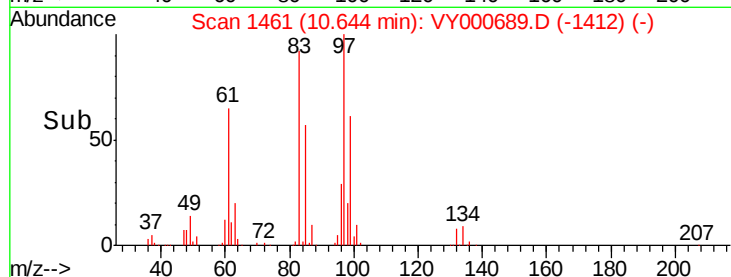
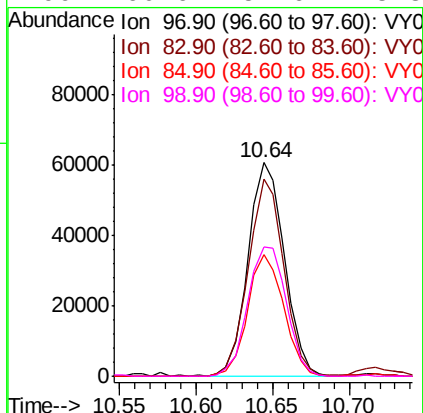
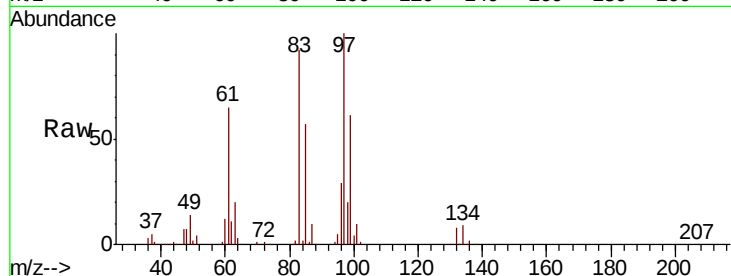




#55
 1,1,2-Trichloroethane
 Concen: 52.963 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

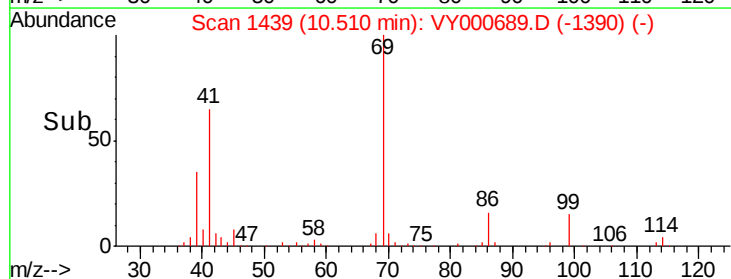
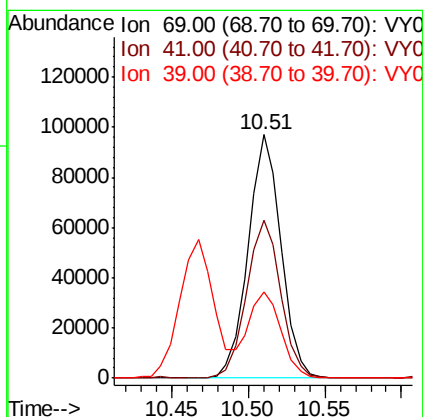
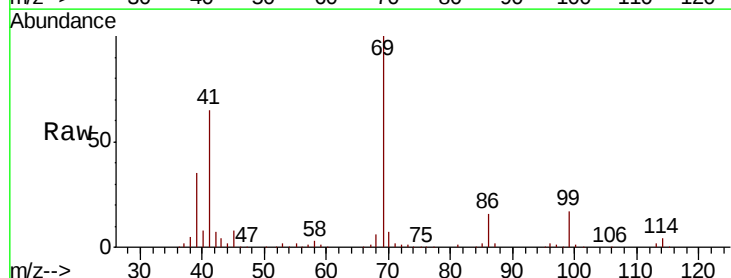
Instrument :
 MSVOA_Y
 ClientSampleId :

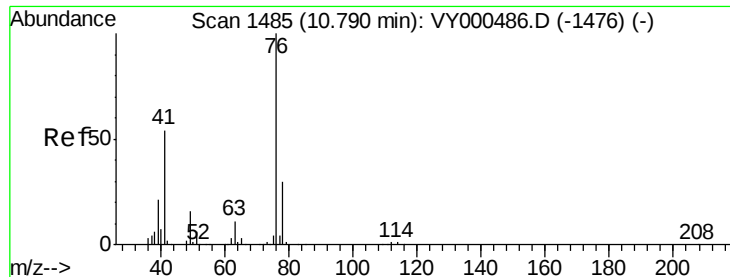
Tot Ion:	97	Resp:	100503
Ion	Ratio	Lower	Upper
97	100		
83	92.0	70.2	105.4
85	56.8	46.9	70.3
99	60.6	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 53.853 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion:	69	Resp:	144841
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.3	79.9
39	34.8	28.0	42.0





#57

1,3-Dichloropropane

Concen: 54.276 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

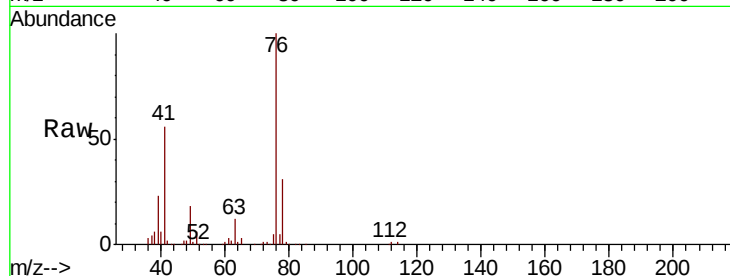
ClientSampleId :

Tot Ion: 76 Resp: 180264

Ion Ratio Lower Upper

76 100

78 32.4 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

120000

100000

80000

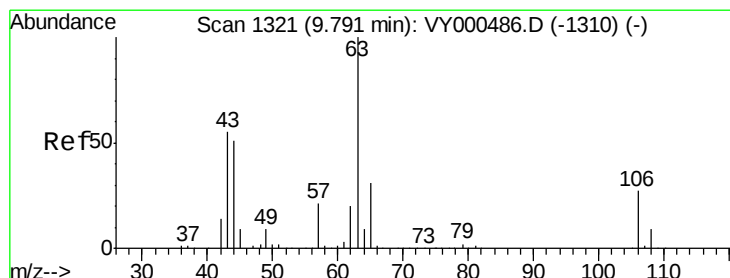
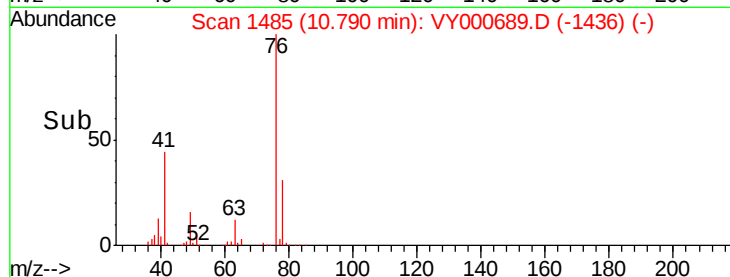
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 192.638 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000689.D

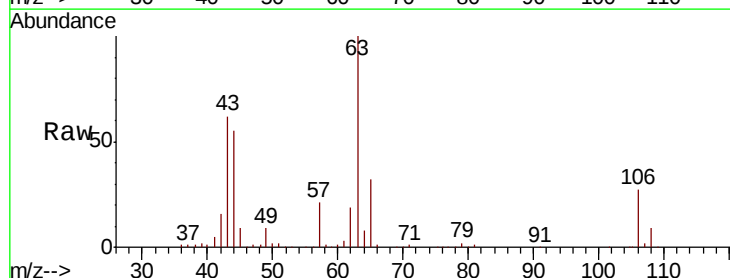
Acq: 15 Nov 2019 10:19

Tgt Ion: 63 Resp: 234232

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

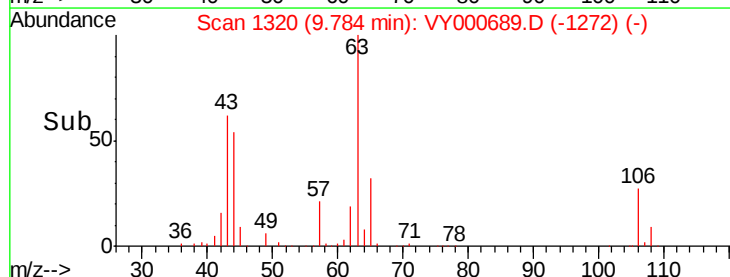
150000

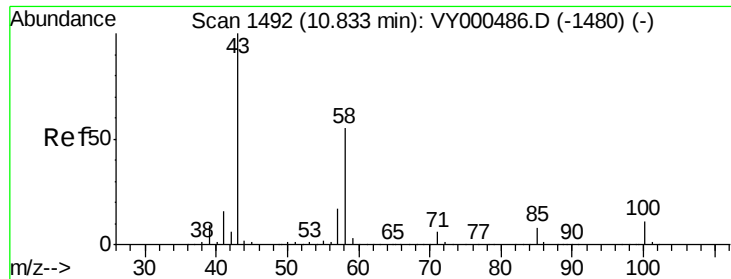
100000

50000

0

Time-->

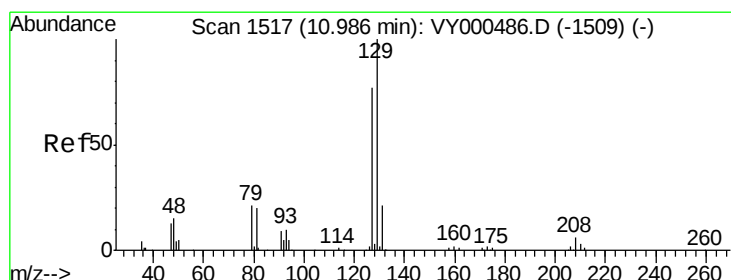
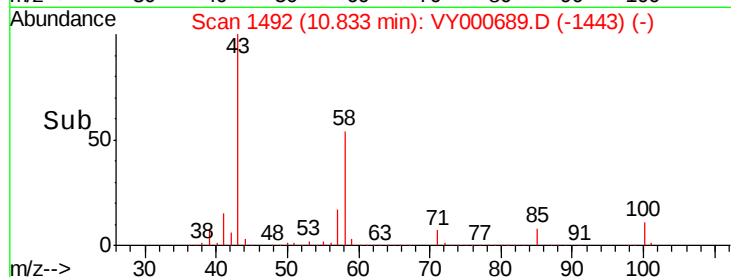
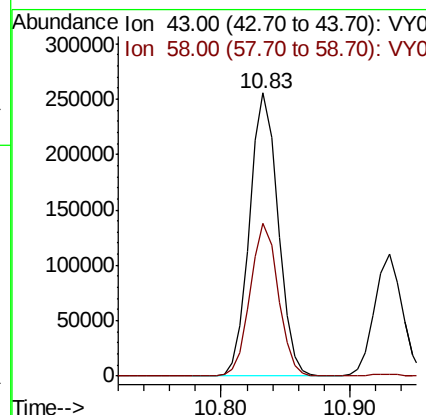
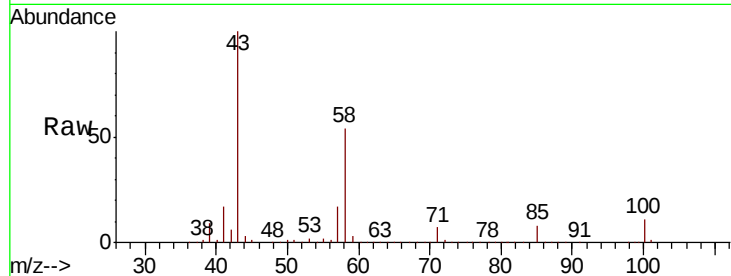




#59
2-Hexanone
Concen: 272.366 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

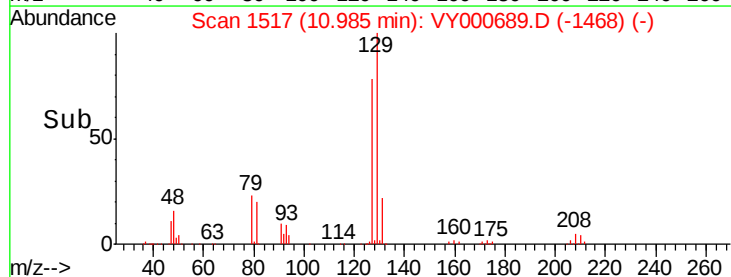
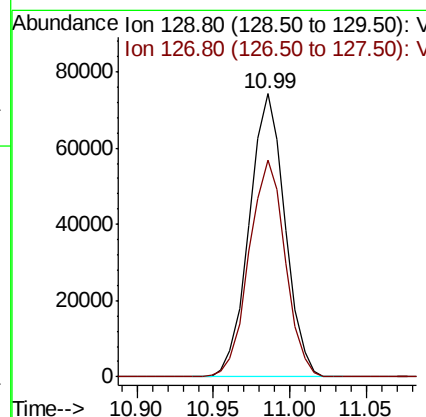
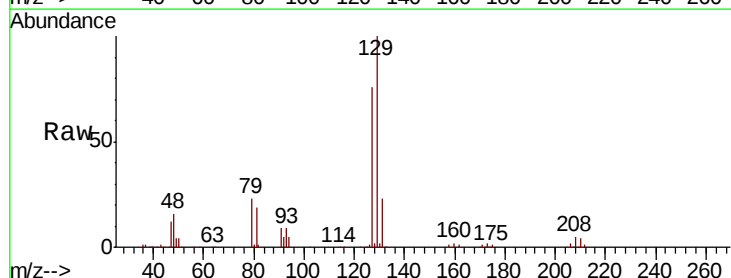
Instrument :
MSVOA_Y
ClientSampled :

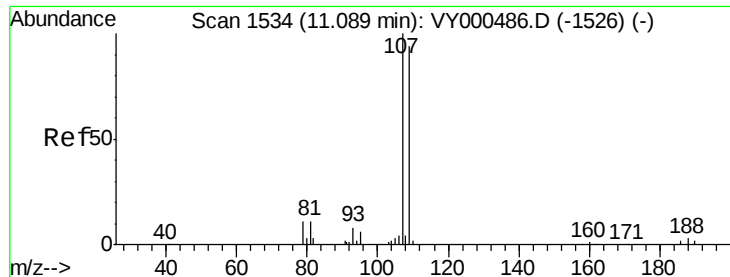
Tot Ion: 43 Resp: 389032
Ion Ratio Lower Upper
43 100
58 53.2 27.1 81.3



#60
Dibromochloromethane
Concen: 55.468 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 129 Resp: 120564
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

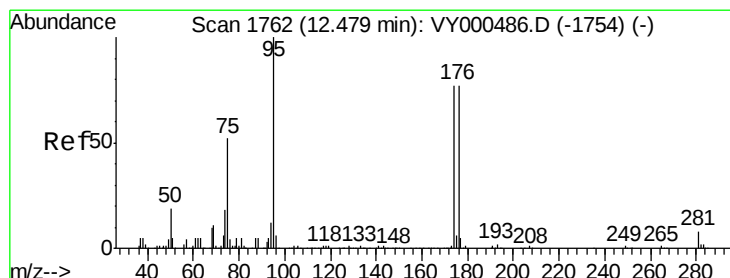
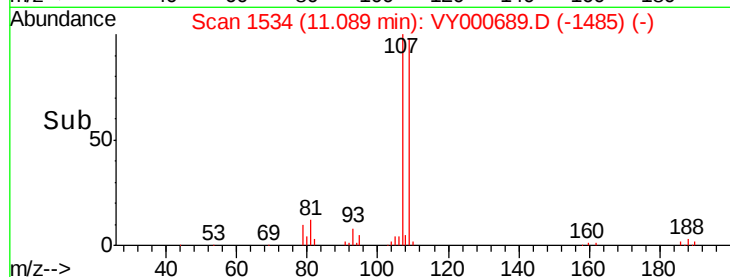
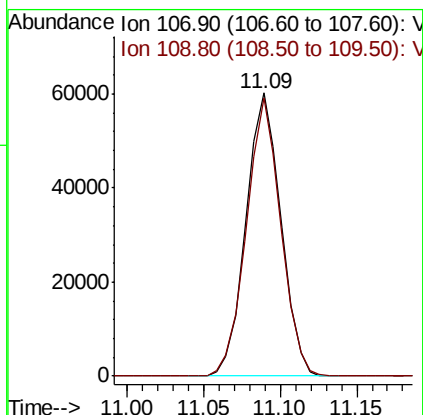
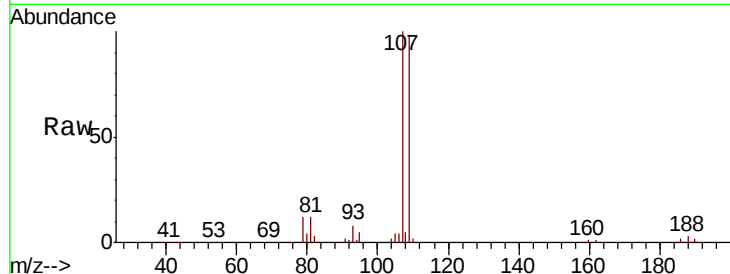




#61
 1,2-Dibromoethane
 Concen: 52.341 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

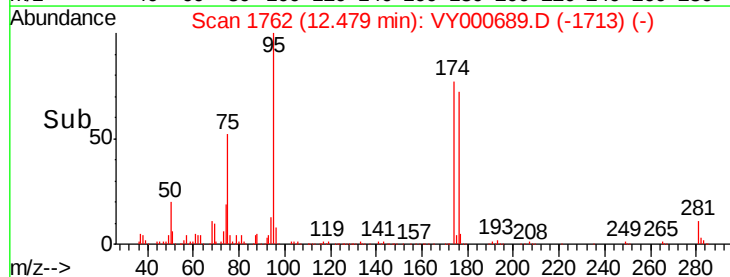
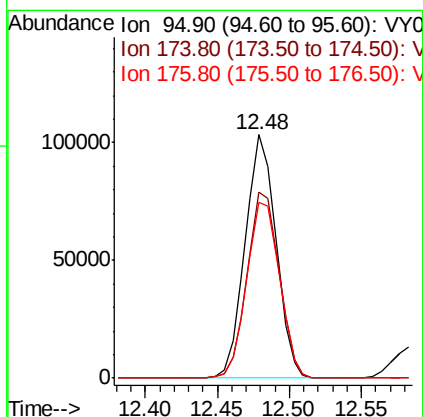
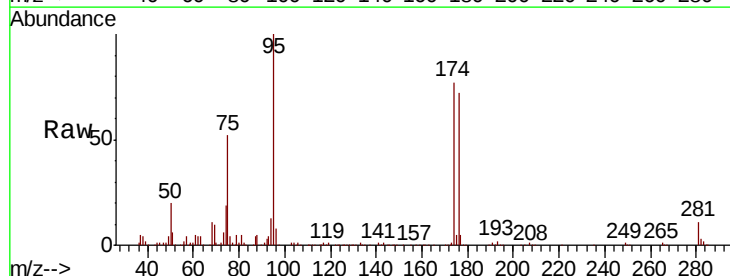
Instrument :
 MSVOA_Y
 ClientSampleId :

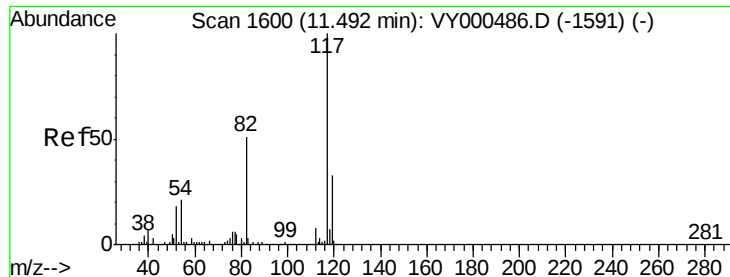
Tot Ion: 107 Resp: 95499
 Ion Ratio Lower Upper
 107 100
 109 96.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 51.630 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion: 95 Resp: 153122
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 161.6
 176 77.2 0.0 157.8

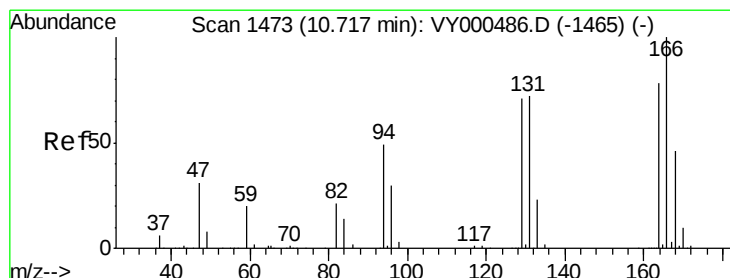
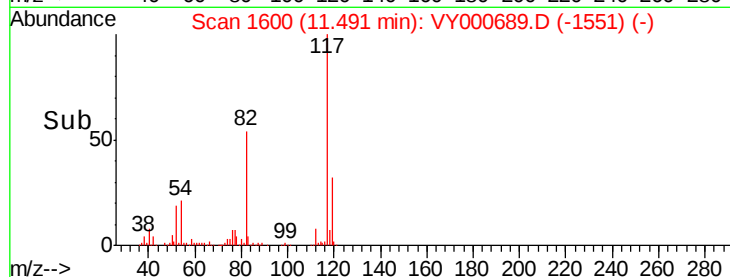
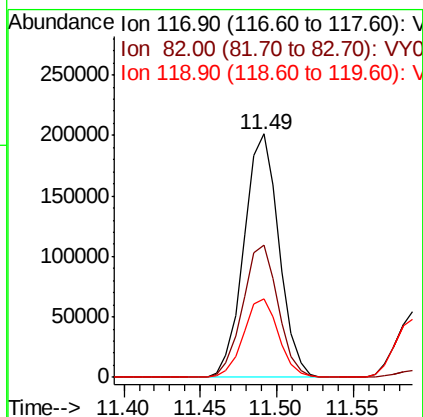
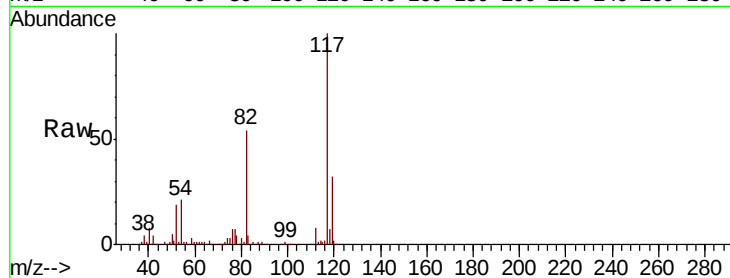




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

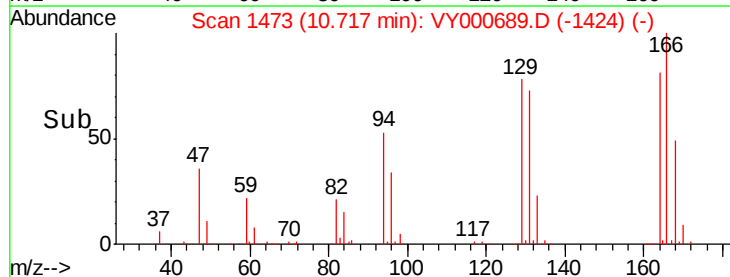
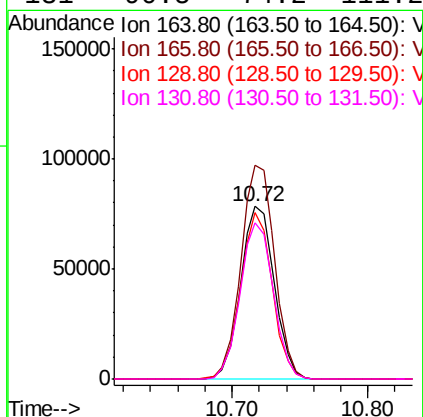
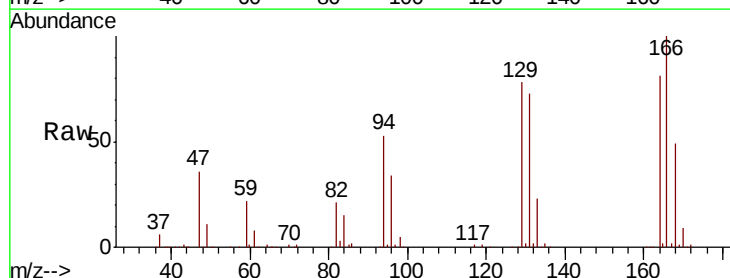
Instrument :
MSVOA_Y
ClientSampleId :

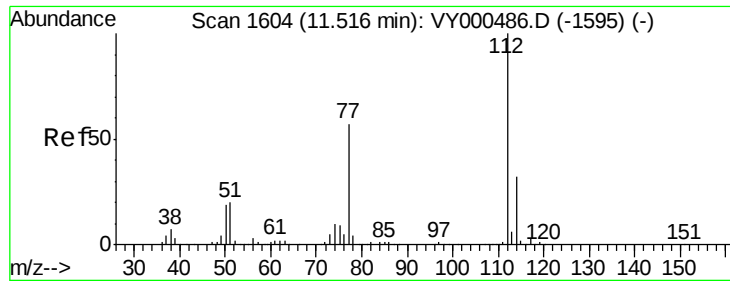
Tot Ion:117 Resp: 319769
Ion Ratio Lower Upper
117 100
82 54.3 40.8 61.2
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 51.340 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:164 Resp: 135748
Ion Ratio Lower Upper
164 100
166 123.8 102.7 154.1
129 96.3 73.2 109.8
131 90.5 74.2 111.2

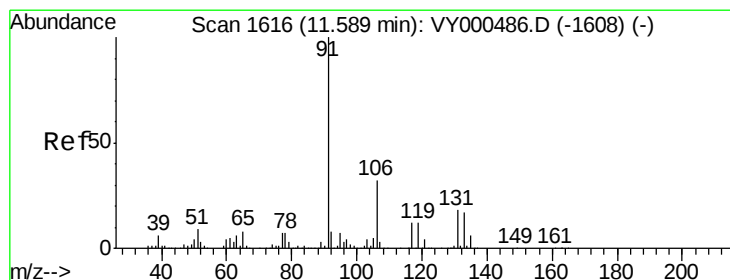
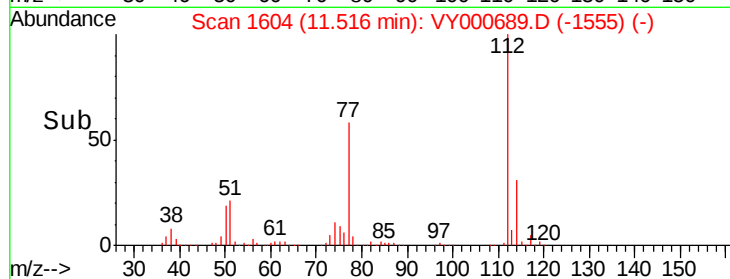
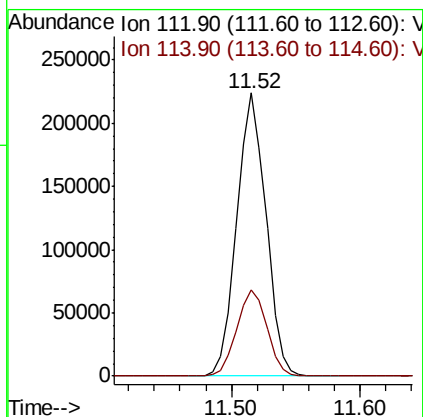
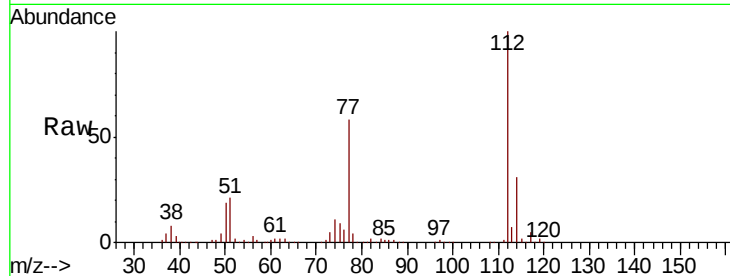




#65
Chlorobenzene
Concen: 54.229 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

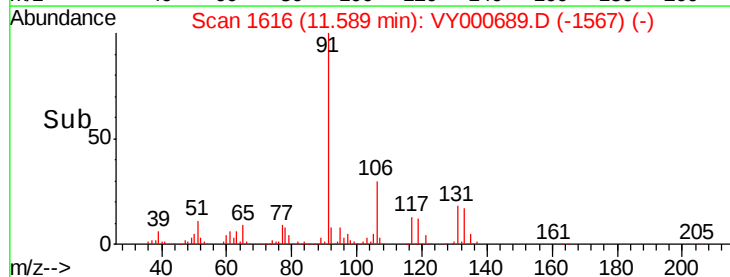
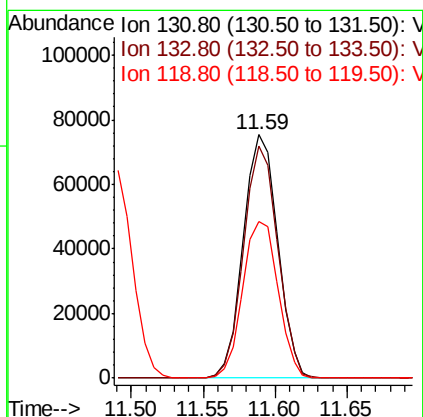
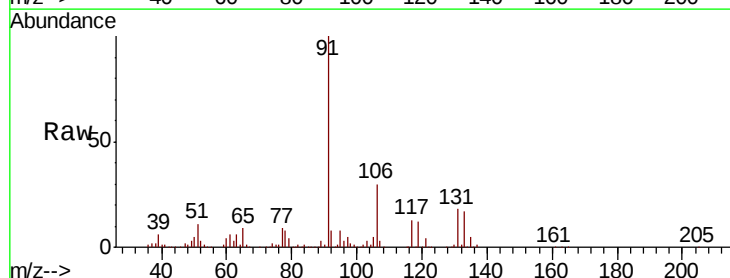
Instrument :
MSVOA_Y
ClientSampleId :

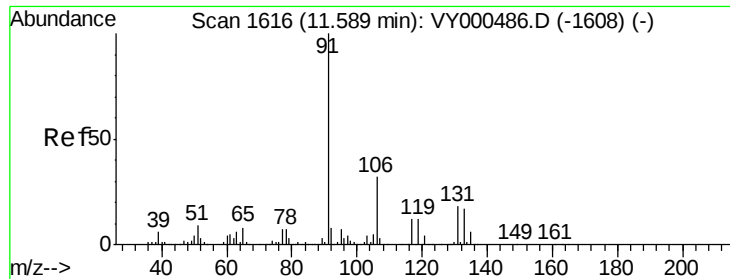
Tot Ion:112 Resp: 351583
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.512 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:131 Resp: 124819
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 66.3 33.1 99.3

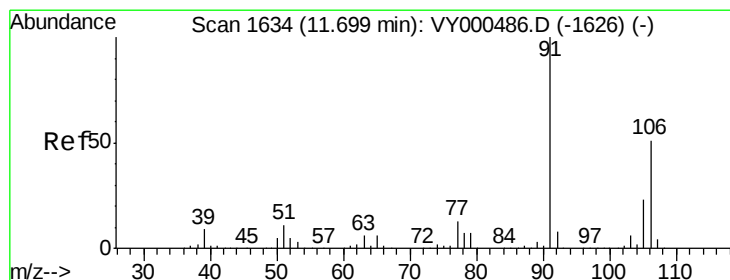
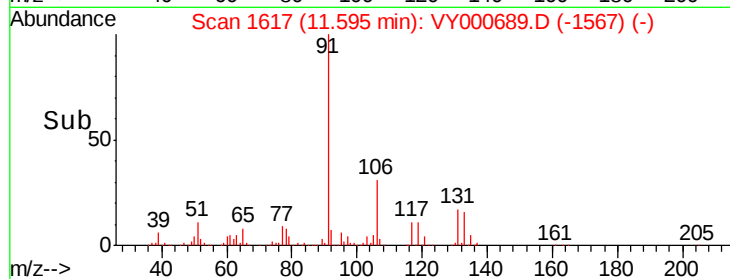
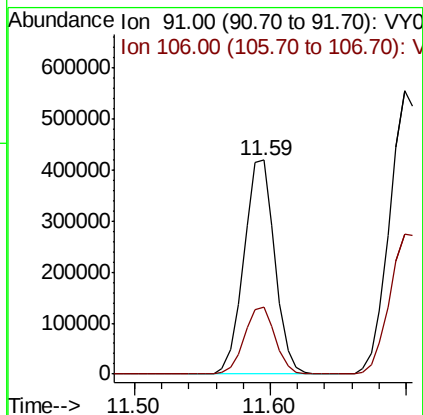
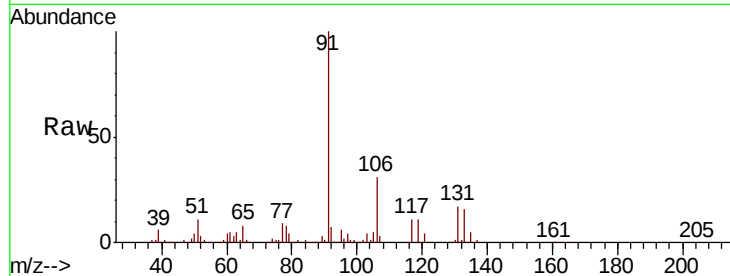




#67
Ethyl Benzene
Concen: 55.705 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

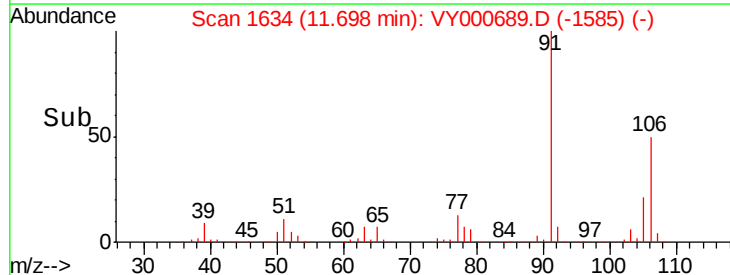
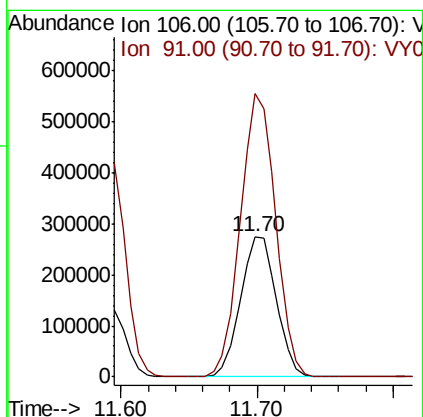
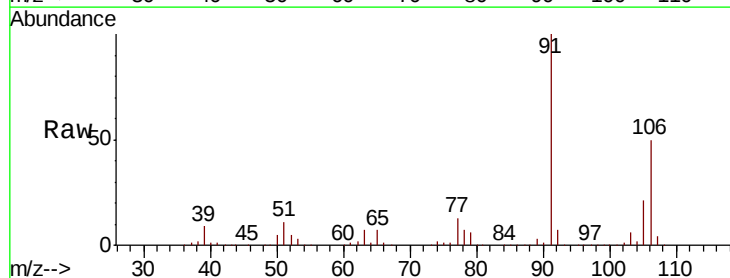
Instrument :
MSVOA_Y
ClientSampleId :

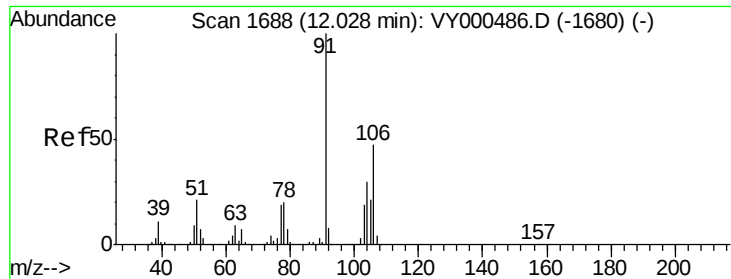
Tot Ion: 91 Resp: 664673
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 108.913 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 106 Resp: 502978
Ion Ratio Lower Upper
106 100
91 199.5 155.9 233.9

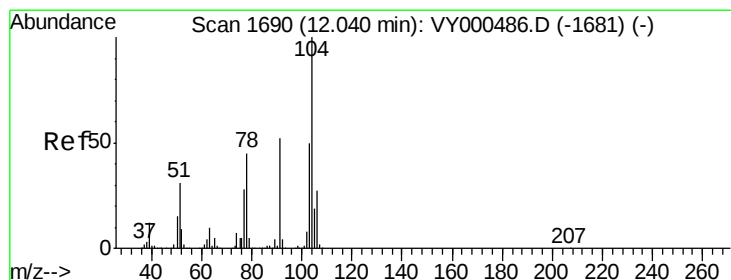
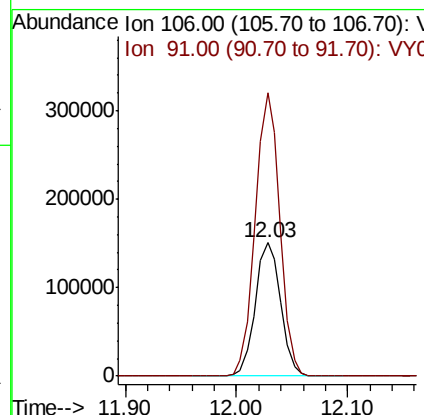
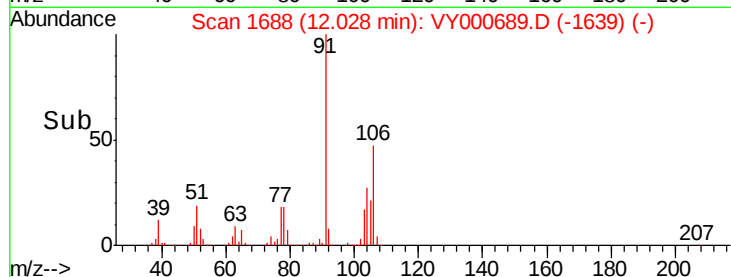
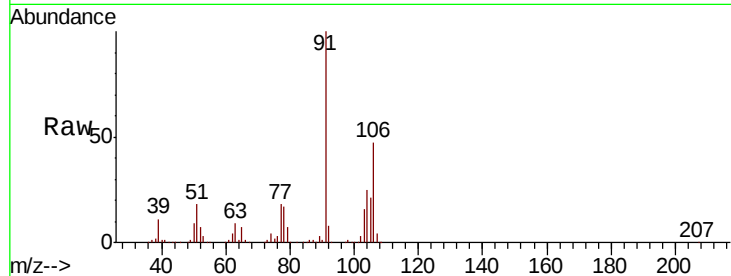




#69
o-Xylene
Concen: 54.867 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

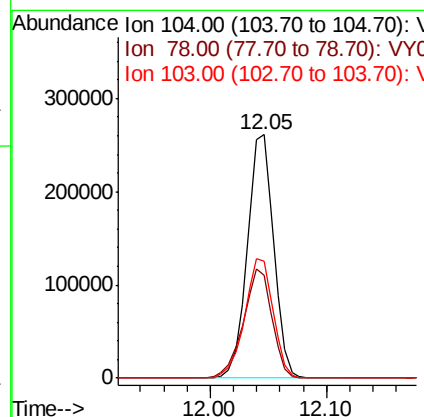
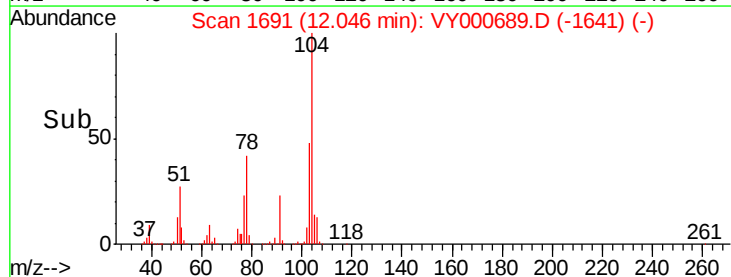
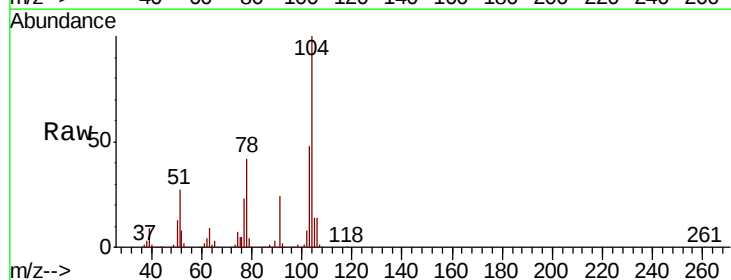
Instrument :
MSVOA_Y
ClientSampleId :

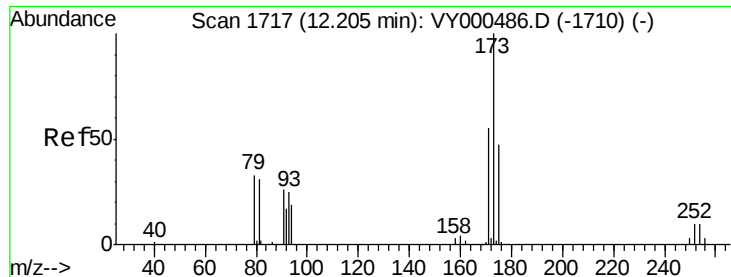
Tot Ion:106 Resp: 238140
Ion Ratio Lower Upper
106 100
91 207.0 106.5 319.6



#70
Styrene
Concen: 55.569 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:104 Resp: 412995
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 52.9 42.5 63.7





#71

Bromoform

Concen: 53.974 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

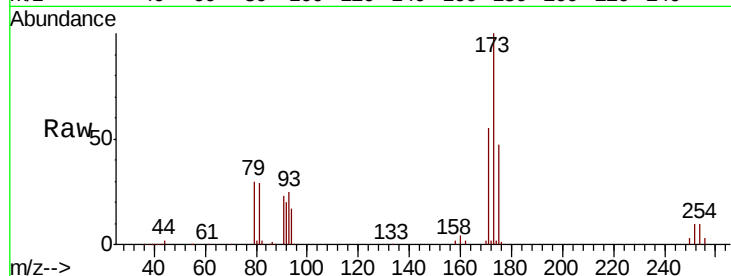
Tot Ion:173 Resp: 69803

Ion Ratio Lower Upper

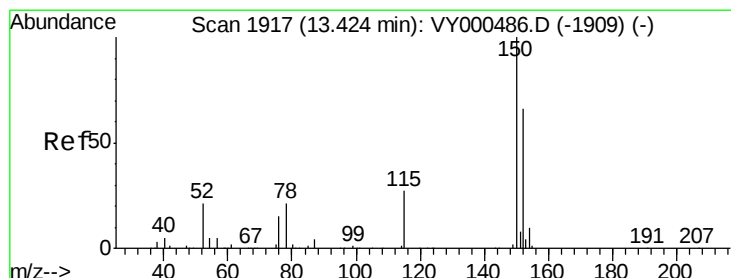
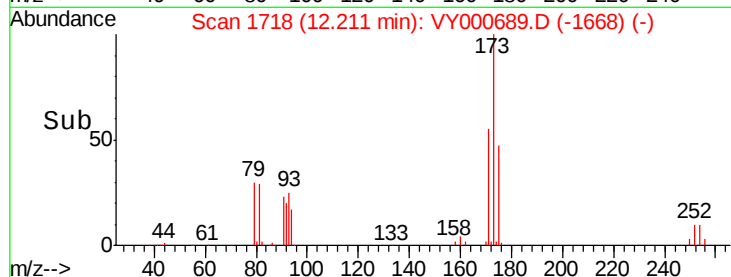
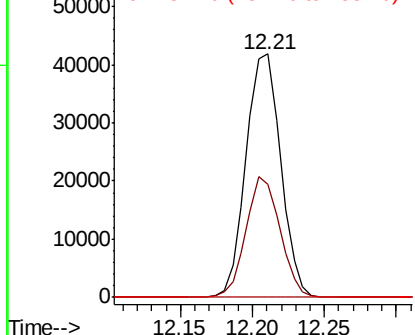
173 100

175 48.6 24.4 73.2

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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

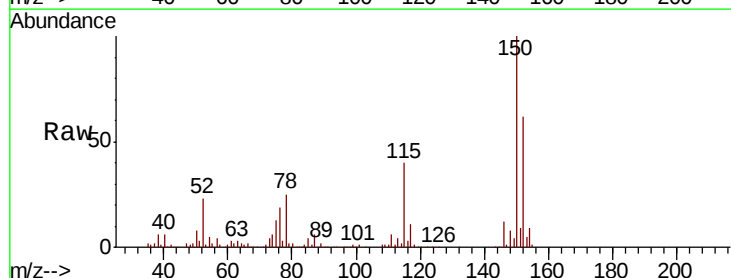
Tgt Ion:152 Resp: 156974

Ion Ratio Lower Upper

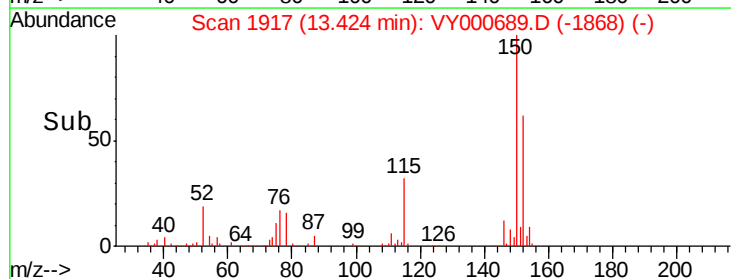
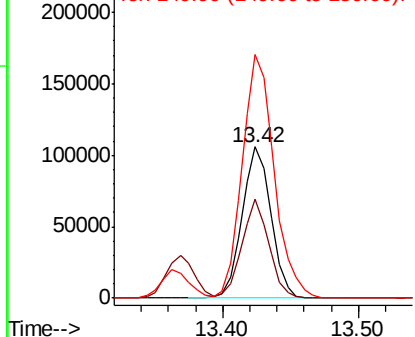
152 100

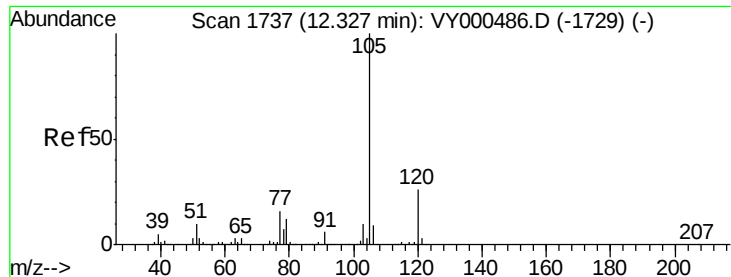
115 60.9 29.1 87.4

150 177.3 0.0 348.8



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: 55.901 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

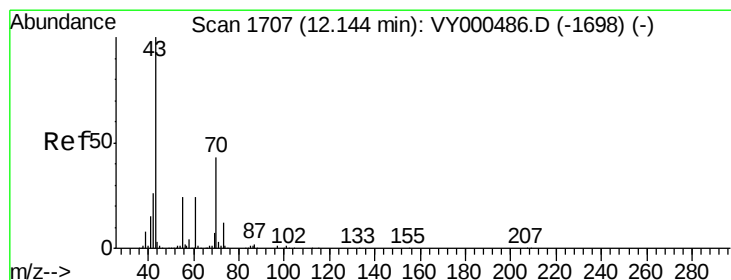
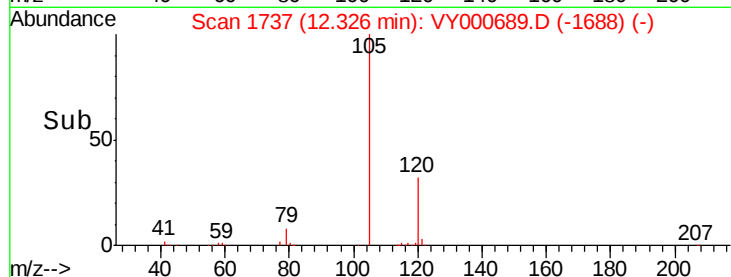
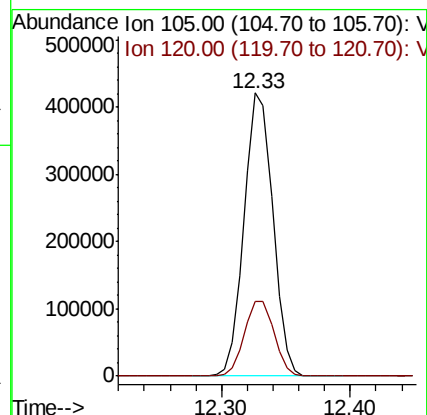
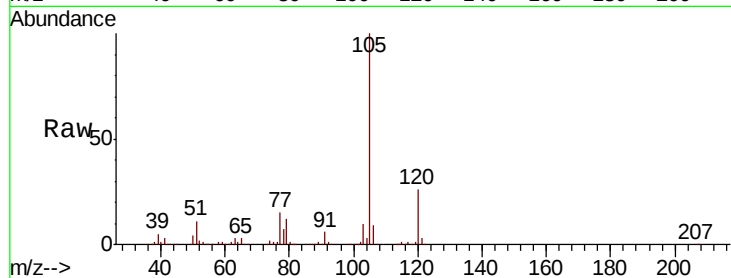
ClientSampleId :

Tot Ion:105 Resp: 648537

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 51.402 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Tgt Ion: 43 Resp: 170793

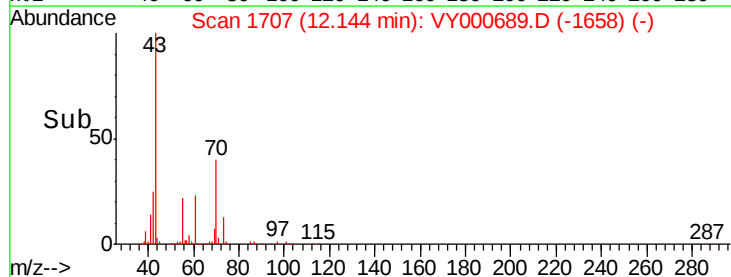
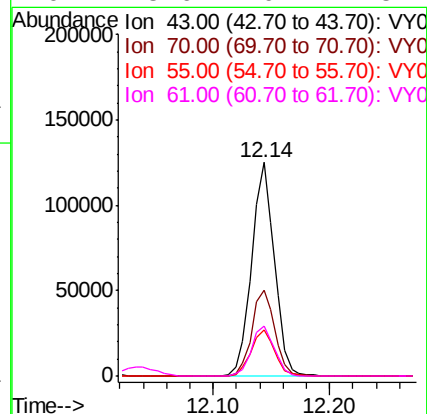
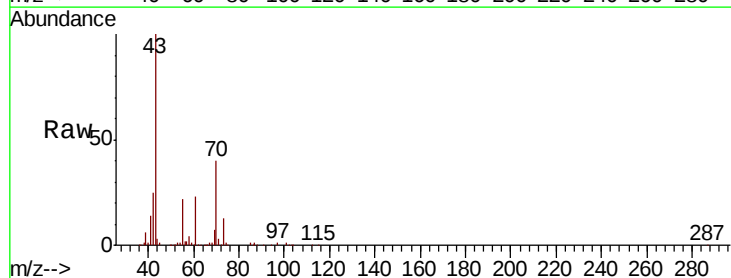
Ion Ratio Lower Upper

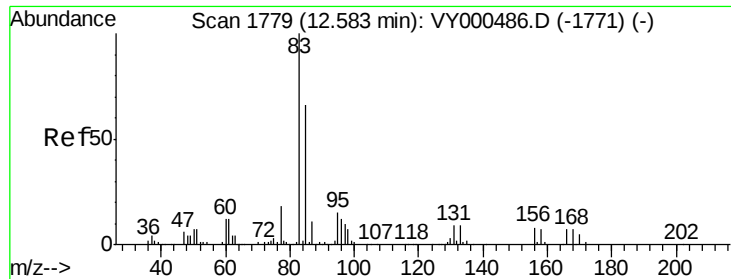
43 100

70 41.0 33.1 49.7

55 22.3 18.0 27.0

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.742 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampled :

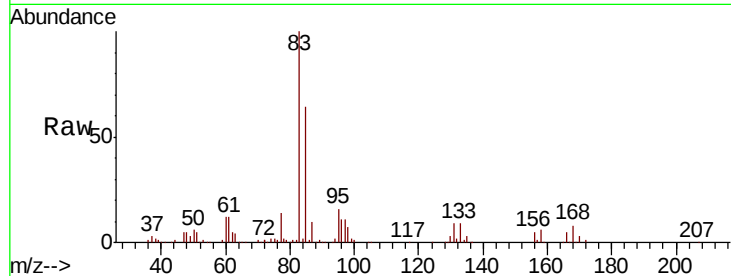
Tot Ion: 83 Resp: 125749

Ion Ratio Lower Upper

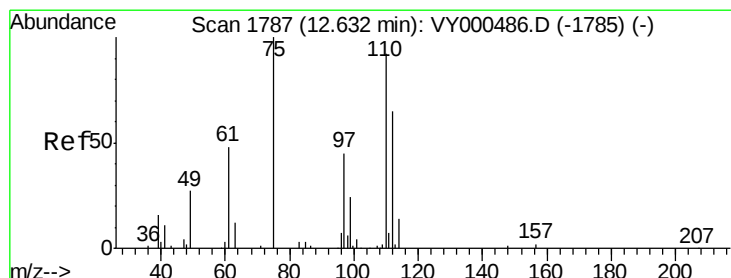
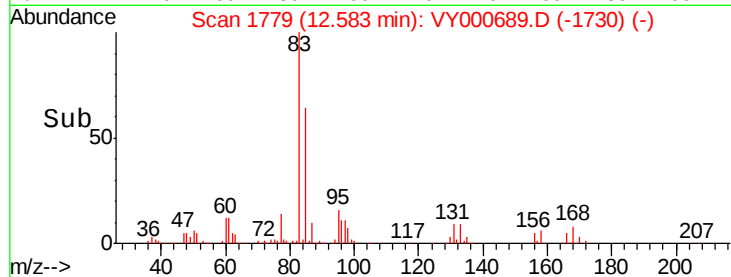
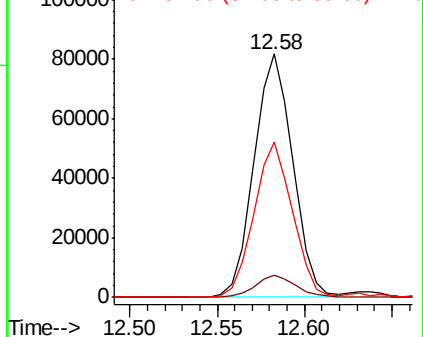
83 100

131 9.7 5.0 14.9

85 63.2 32.3 96.9



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: 93.212 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000689.D

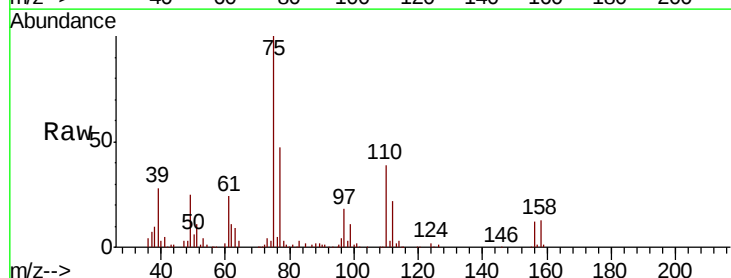
Acq: 15 Nov 2019 10:19

Tgt Ion: 75 Resp: 166604

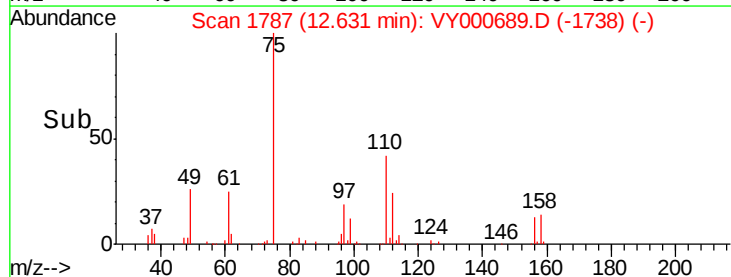
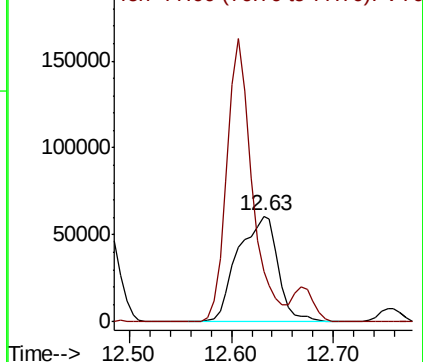
Ion Ratio Lower Upper

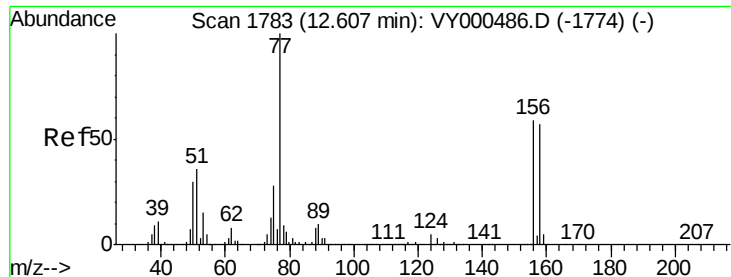
75 100

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: 54.352 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

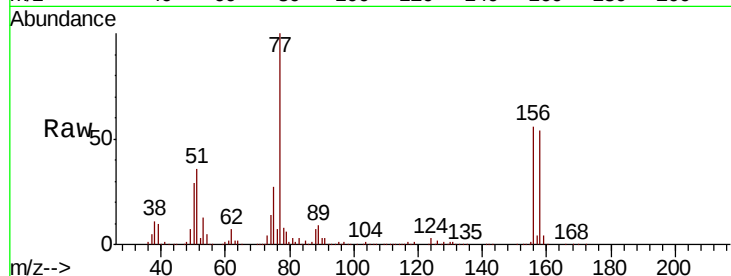
Tot Ion:156 Resp: 142994

Ion Ratio Lower Upper

156 100

77 195.9 98.2 294.4

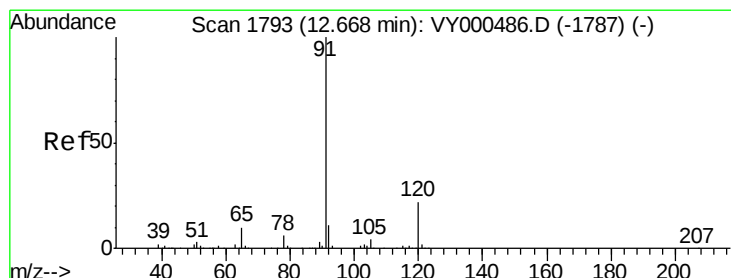
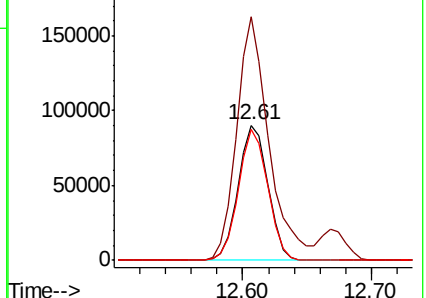
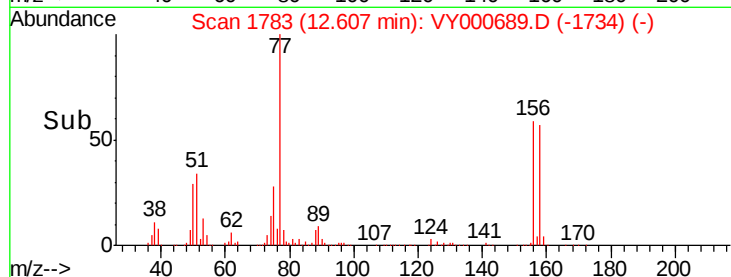
158 95.9 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.224 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000689.D

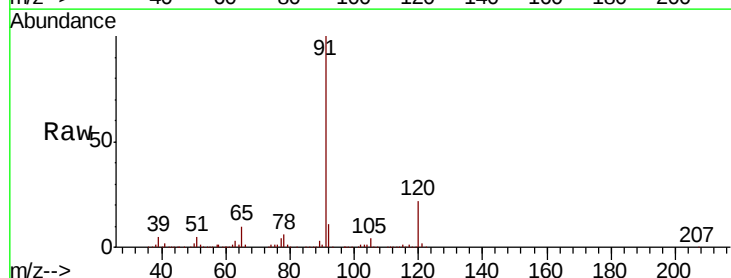
Acq: 15 Nov 2019 10:19

Tgt Ion: 91 Resp: 801036

Ion Ratio Lower Upper

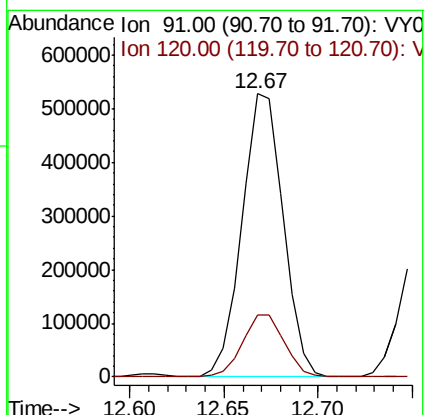
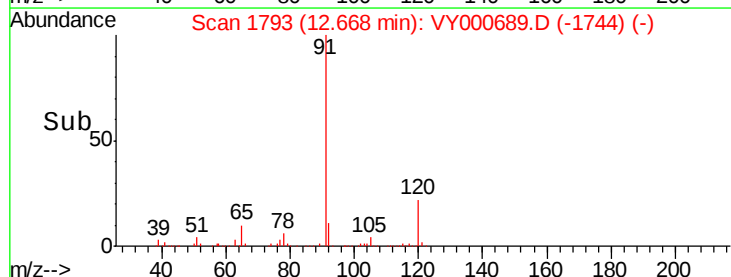
91 100

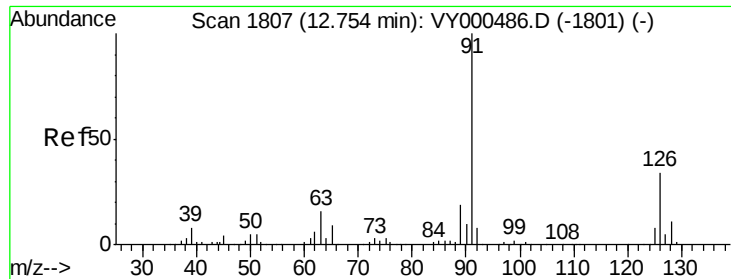
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

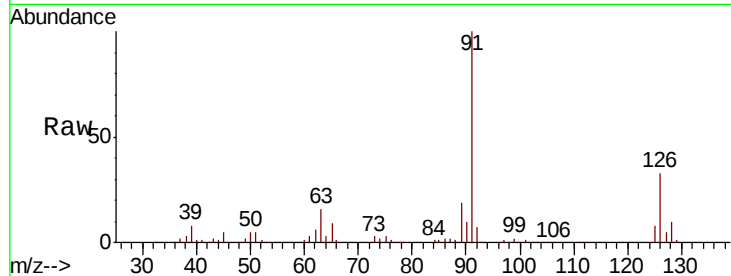




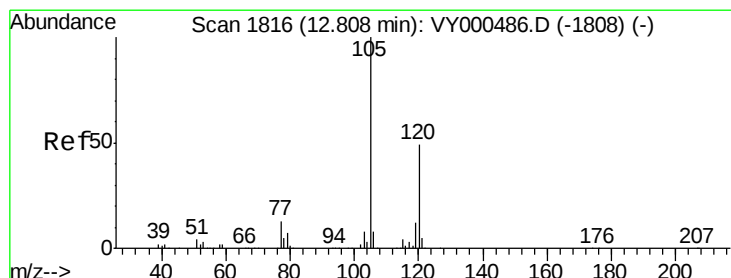
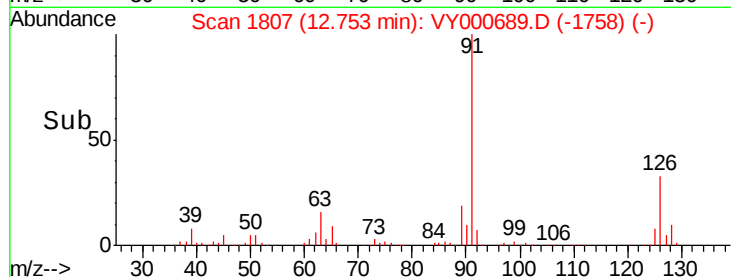
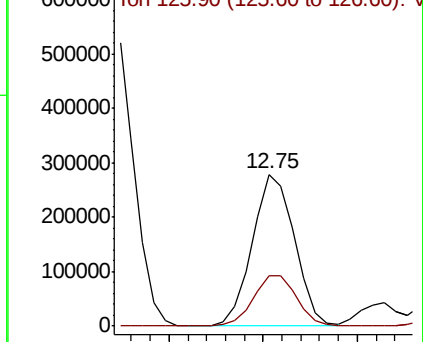
#79
2-Chlorotoluene
Concen: 55.858 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 434089
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

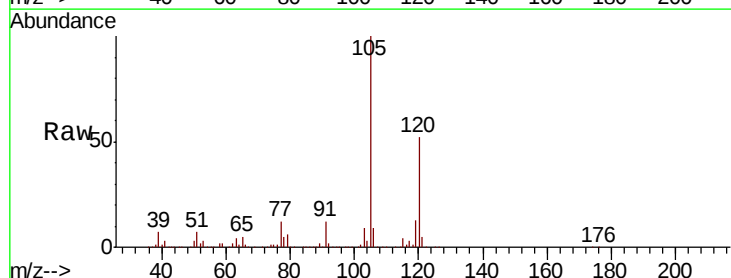


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

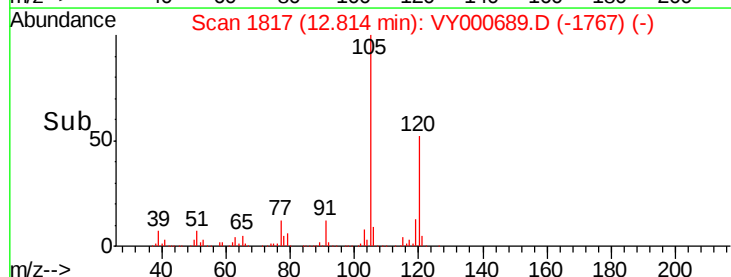
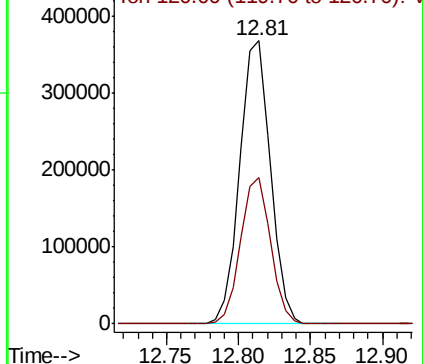


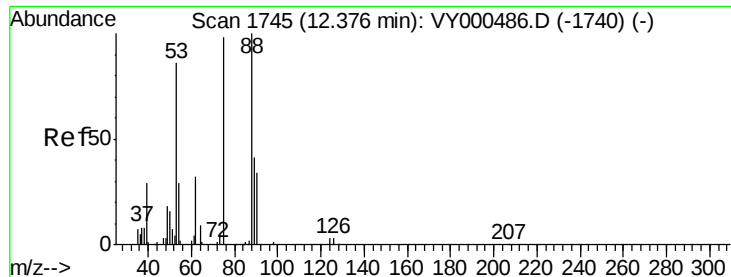
#80
1,3,5-Trimethylbenzene
Concen: 56.333 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:105 Resp: 544310
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

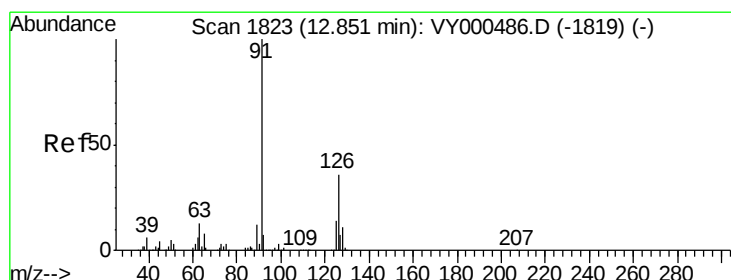
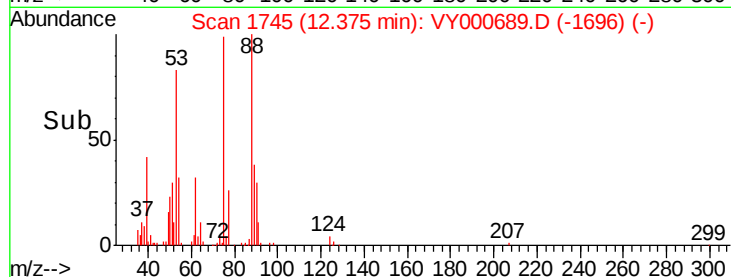
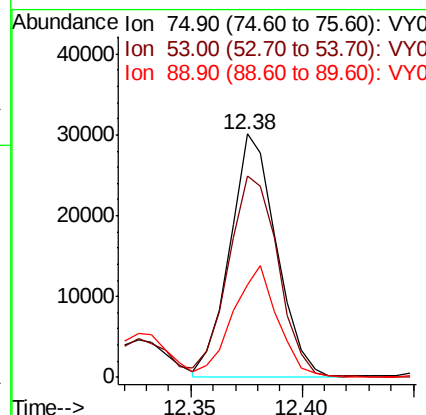
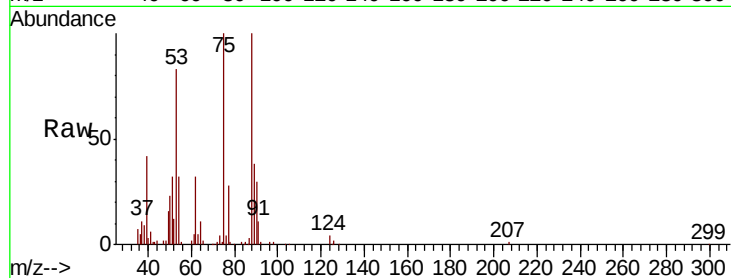




#81
trans-1,4-Dichloro-2-butene
Concen: 55.011 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

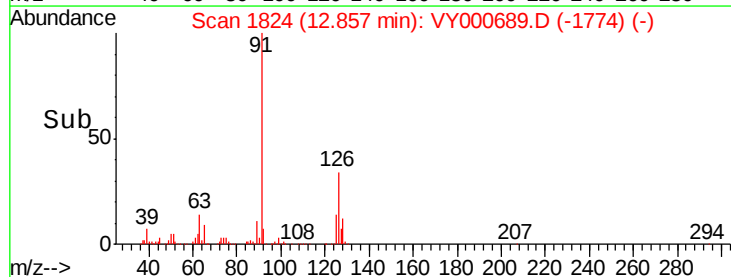
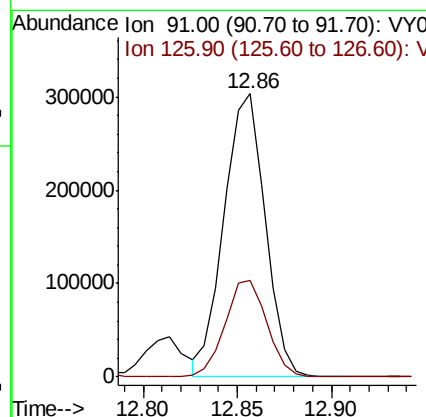
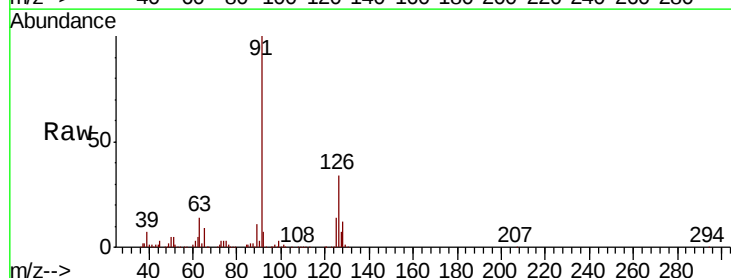
Instrument :
MSVOA_Y
ClientSampleId :

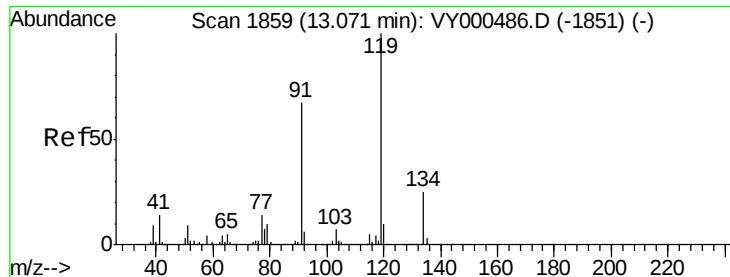
Tot Ion: 75 Resp: 43853
Ion Ratio Lower Upper
75 100
53 88.8 73.2 109.8
89 43.9 35.9 53.9



#82
4-Chlorotoluene
Concen: 57.013 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 91 Resp: 459269
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 57.125 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

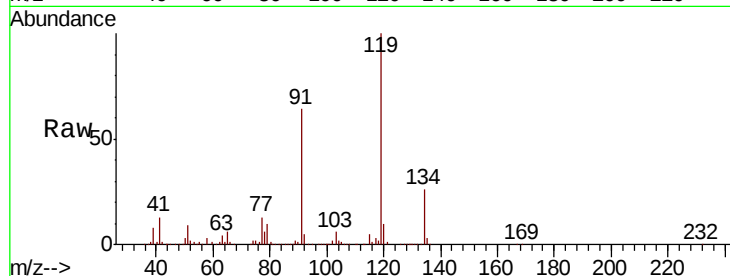
Tot Ion:119 Resp: 471290

Ion Ratio Lower Upper

119 100

91 64.4 32.1 96.3

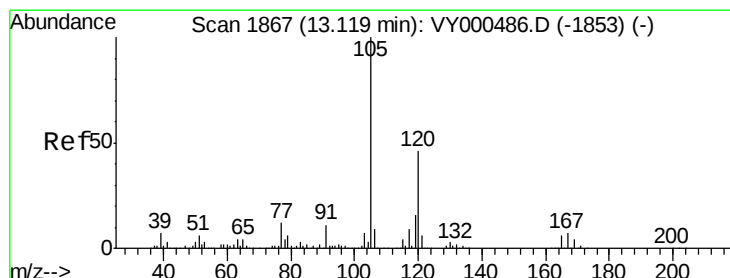
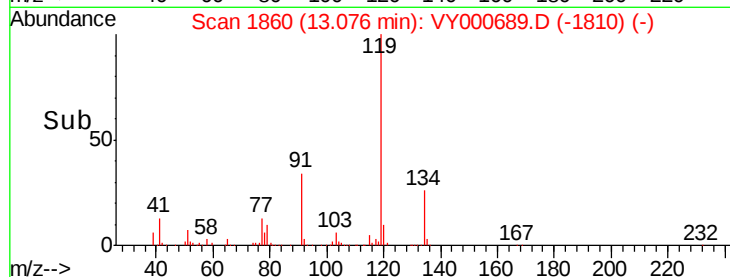
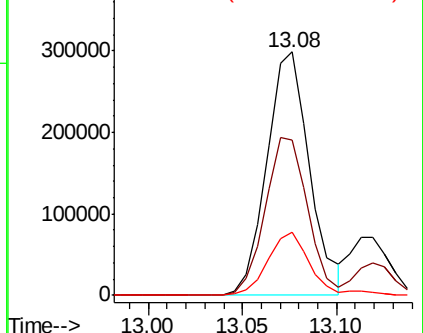
134 25.9 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.594 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000689.D

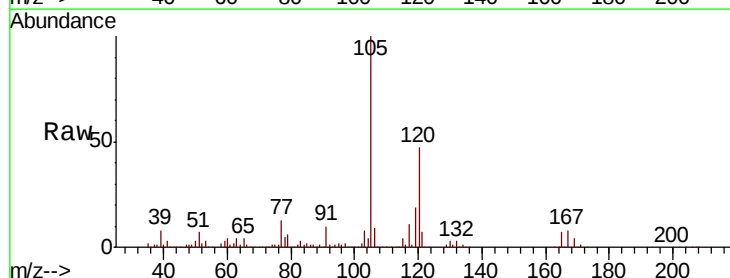
Acq: 15 Nov 2019 10:19

Tgt Ion:105 Resp: 554079

Ion Ratio Lower Upper

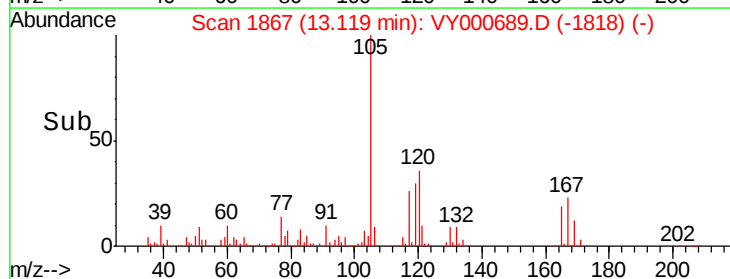
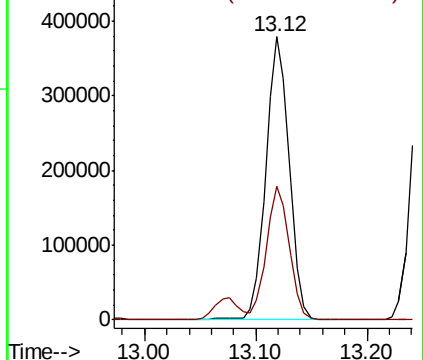
105 100

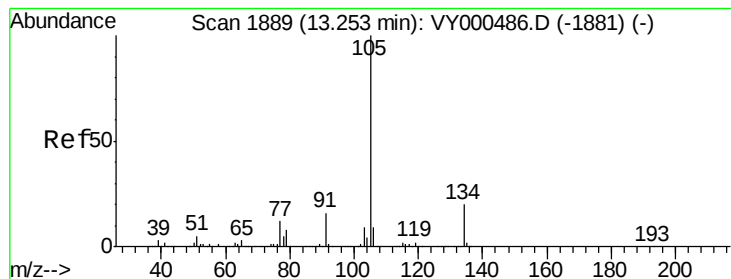
120 46.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.934 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

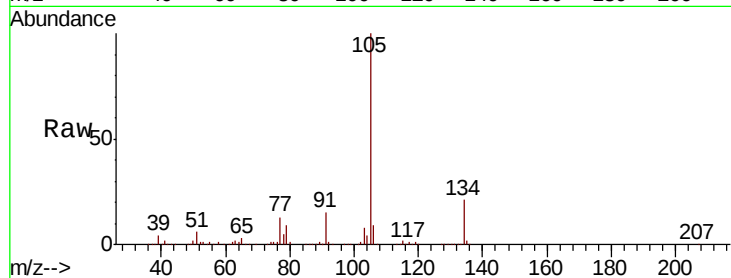
ClientSampleId :

Tot Ion:105 Resp: 680962

Ion Ratio Lower Upper

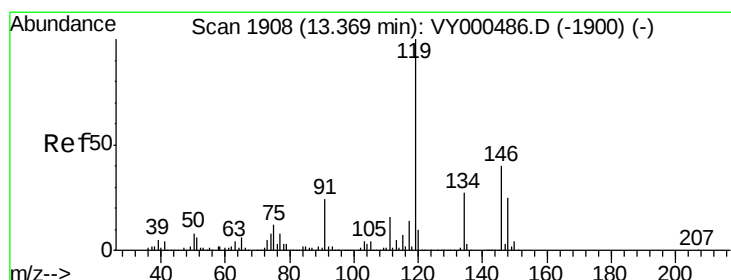
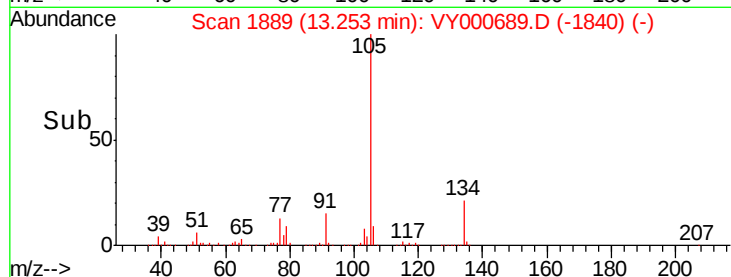
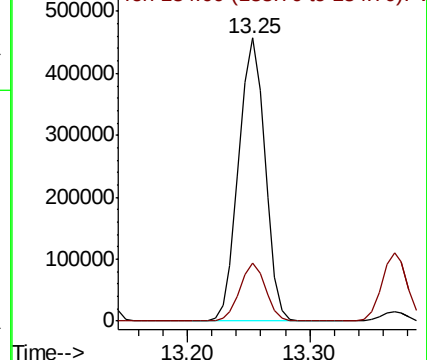
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.002 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

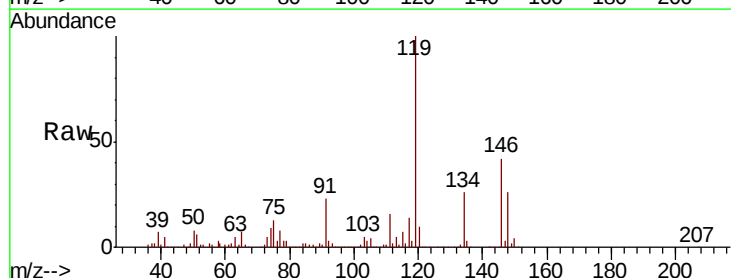
Tgt Ion:119 Resp: 597147

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

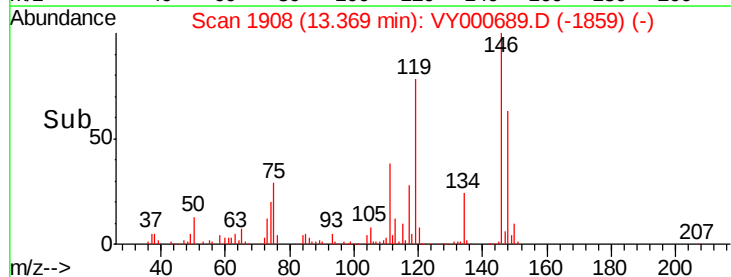
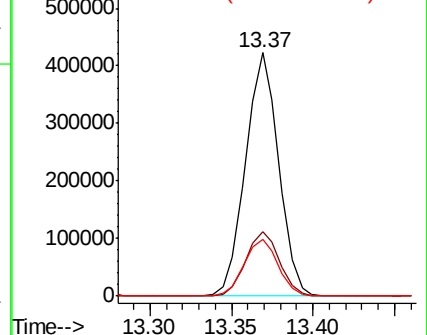
91 23.8 12.0 36.1

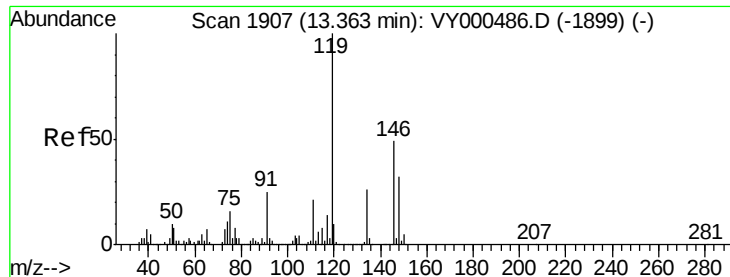


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 55.251 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

Instrument :

MSVOA_Y

ClientSampleId :

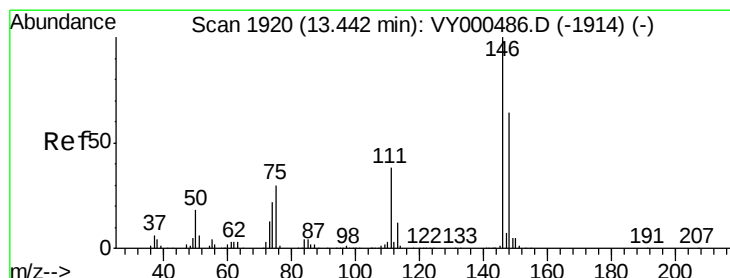
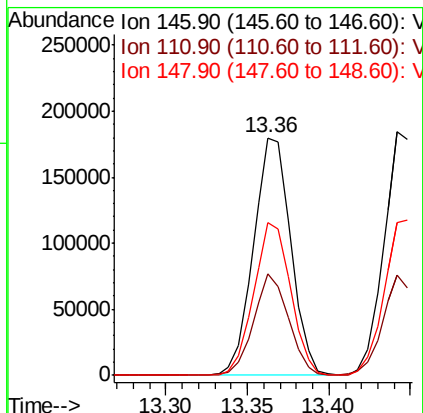
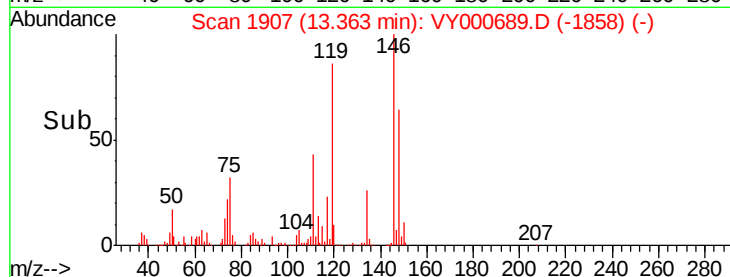
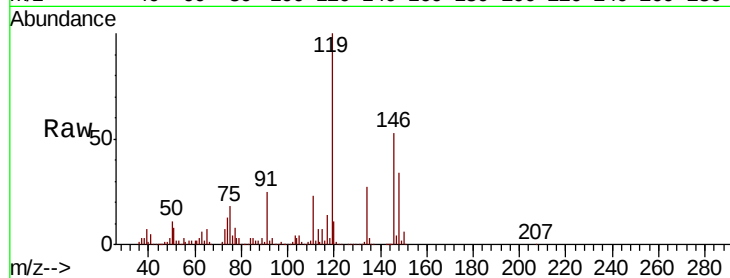
Tot Ion:146 Resp: 284713

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.8

148 63.4 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 54.866 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000689.D

Acq: 15 Nov 2019 10:19

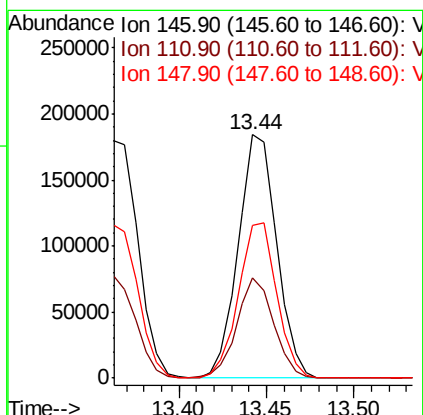
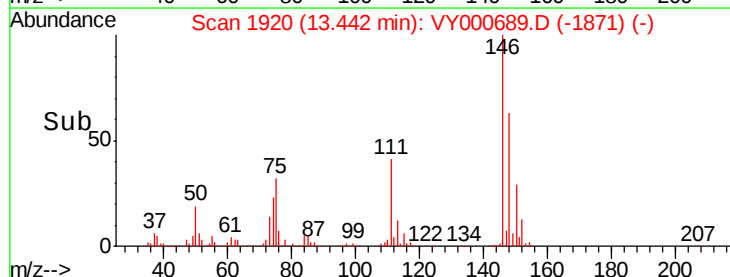
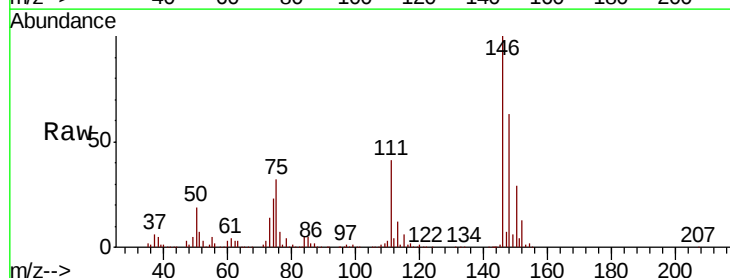
Tgt Ion:146 Resp: 282524

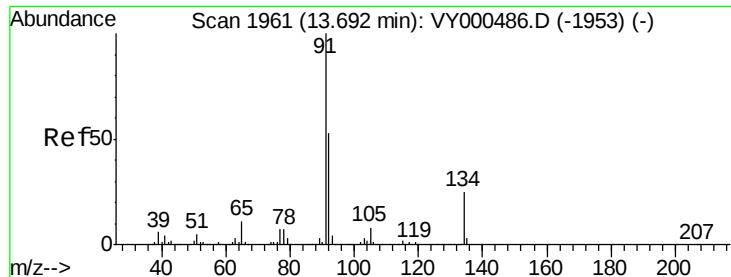
Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 63.5 31.9 95.7

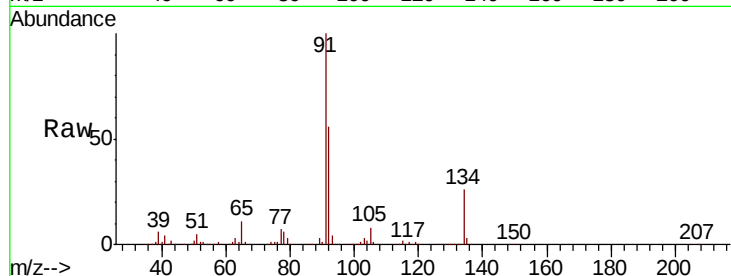




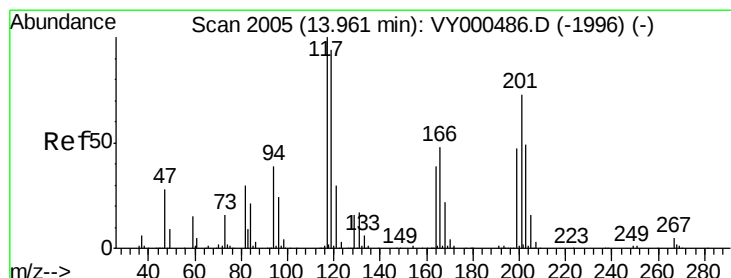
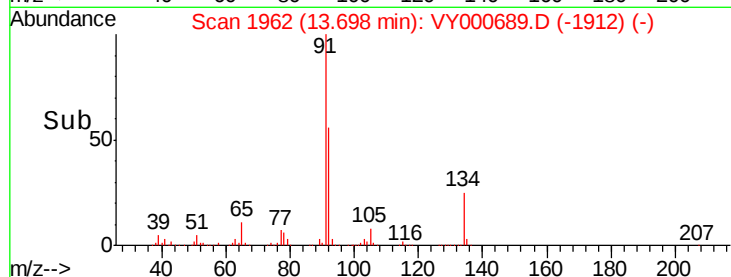
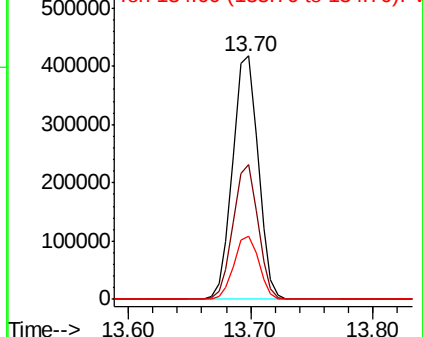
#89
n-Butylbenzene
Concen: 58.234 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 601692
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.6 12.9 38.7

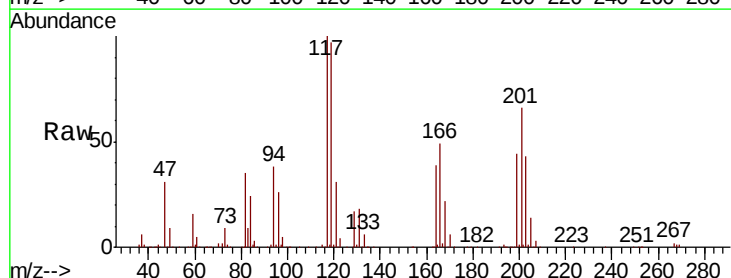


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

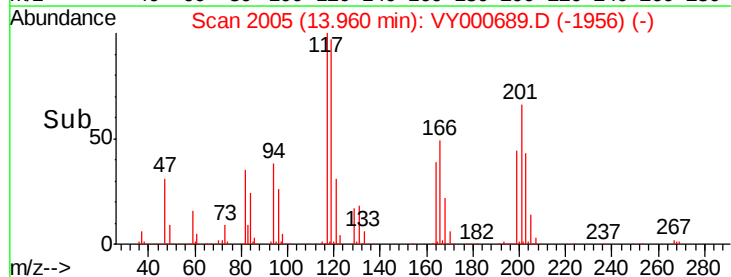
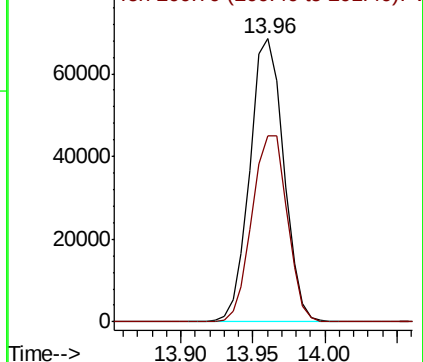


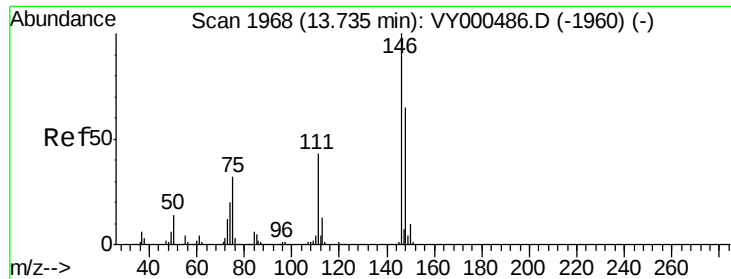
#90
Hexachloroethane
Concen: 57.516 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion: 117 Resp: 111389
Ion Ratio Lower Upper
117 100
201 68.5 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): V
80000 Ion 200.70 (200.40 to 201.40): V

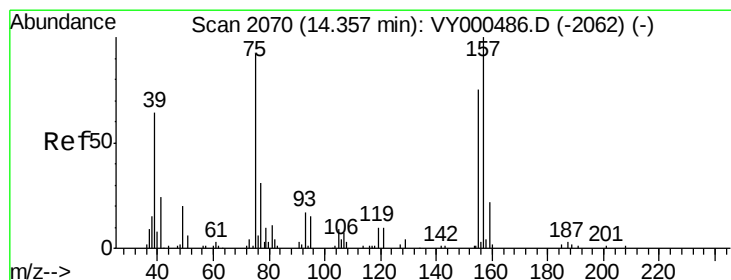
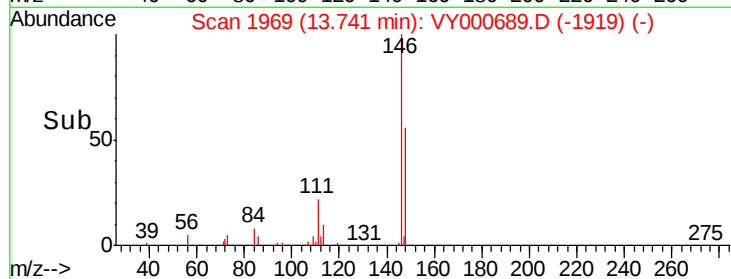
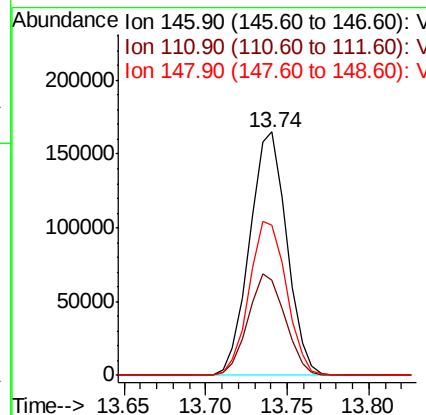
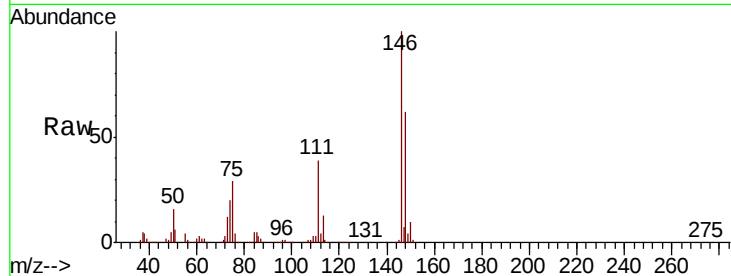




#91
 1,2-Dichlorobenzene
 Concen: 56.007 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

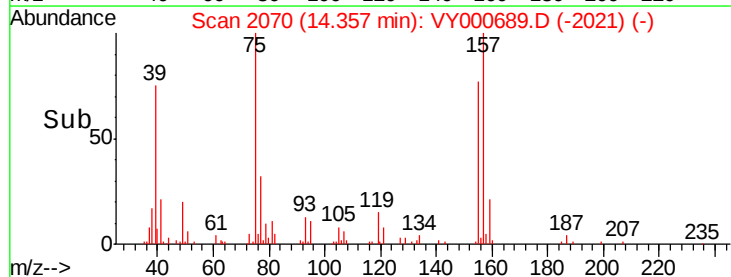
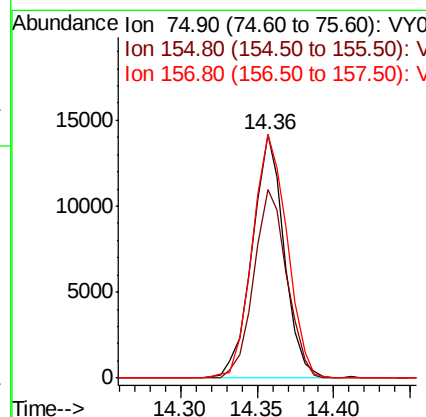
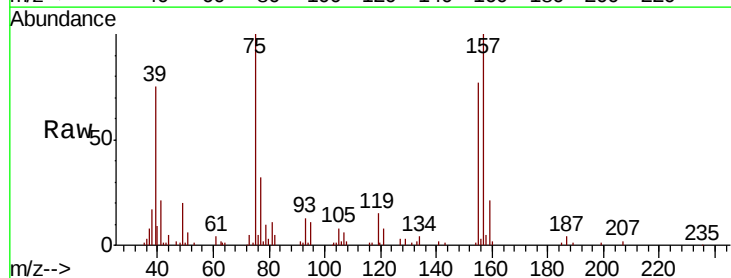
Instrument :
 MSVOA_Y
 ClientSampleId :

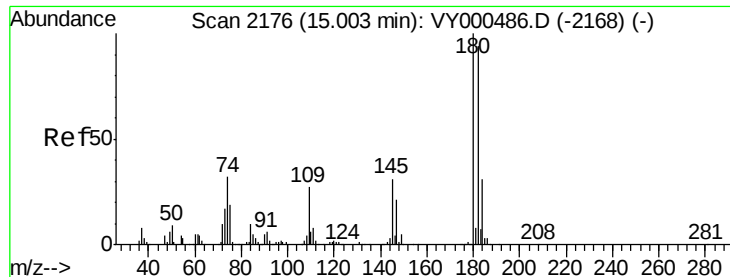
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.5
148	63.9	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.492 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	42.4	127.1
157	109.0	55.1	165.3

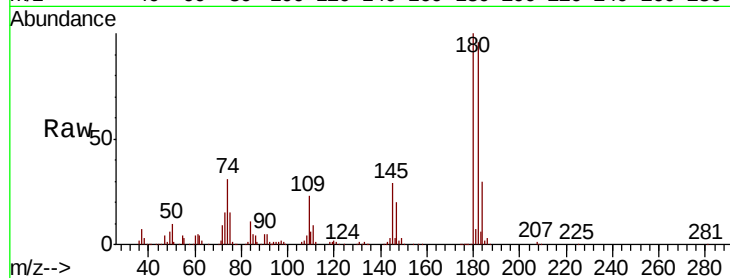




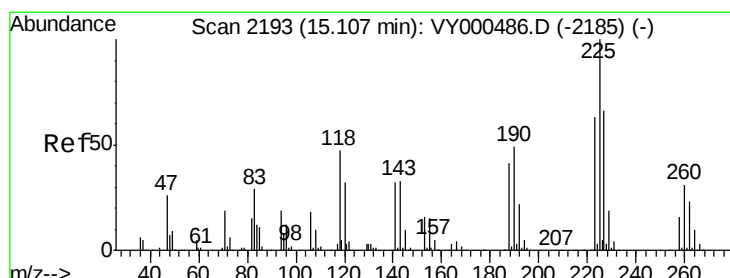
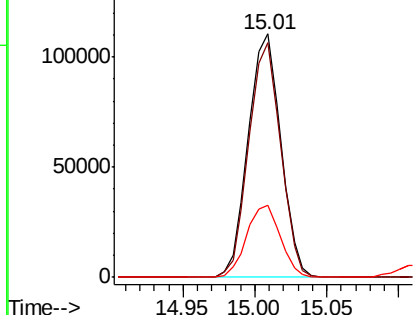
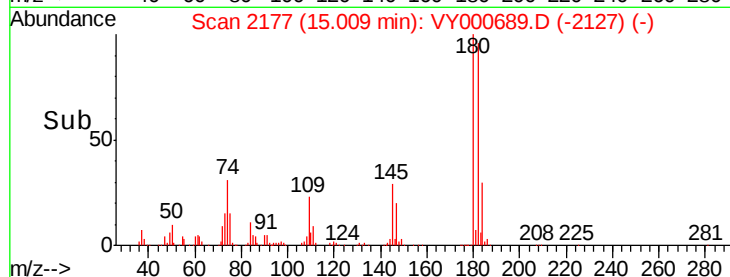
#93
 1,2,4-Trichlorobenzene
 Concen: 54.292 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.8	143.4
145	30.5	16.0	47.9

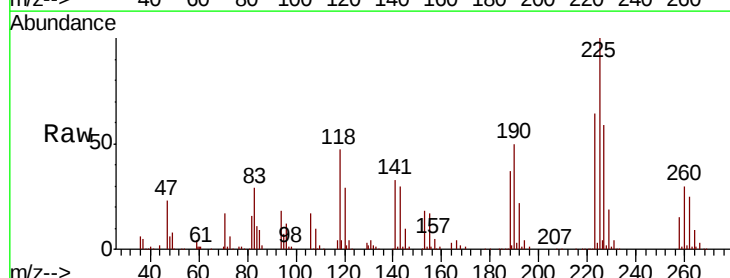


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

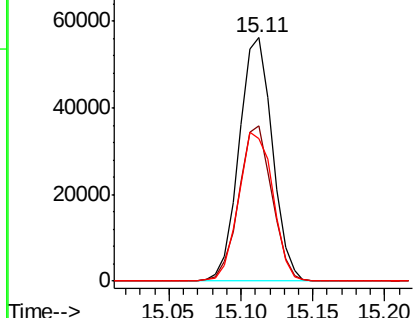
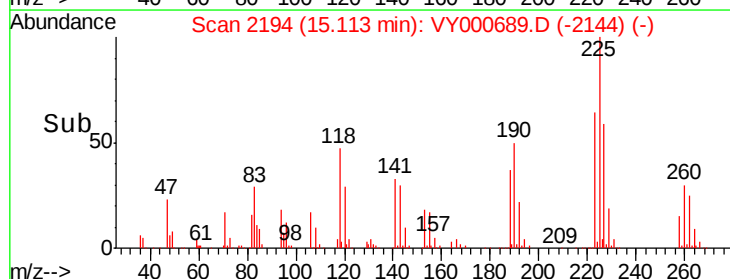


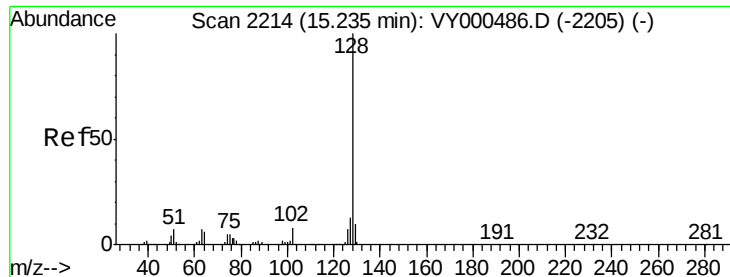
#94
 Hexachlorobutadiene
 Concen: 54.890 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000689.D
 Acq: 15 Nov 2019 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.8
227	63.0	32.4	97.0



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

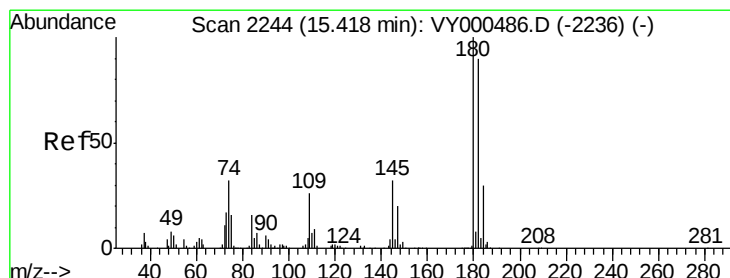
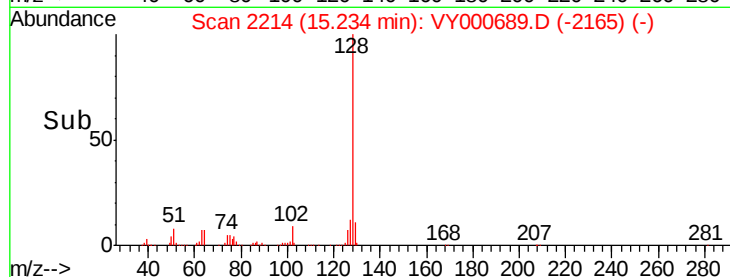
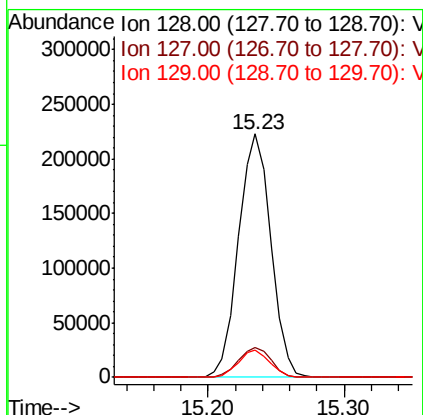
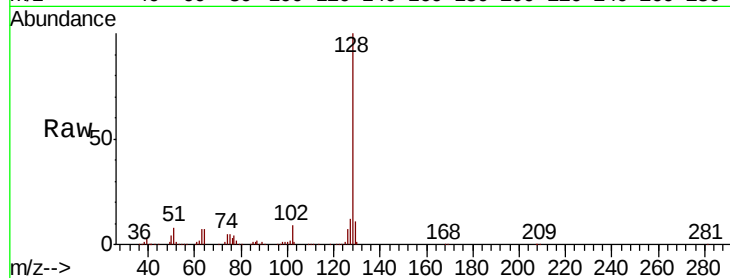




#95
Naphthalene
Concen: 52.346 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 369937
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.498 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000689.D
Acq: 15 Nov 2019 10:19

Tgt Ion:180 Resp: 152795
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.3
145 32.1 15.7 47.0

