

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001735.D
 Acq On : 21 Feb 2020 12:29
 Operator : SY/MD
 Sample : VY0221SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	200865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	355635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	320000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	103169	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	7.75	113	95488	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
50) Toluene-d8	10.20	98	399707	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.50	95	143354	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	34340	17.538	ug/l	100
3) Chloromethane	2.13	50	47363	17.984	ug/l	97
4) Vinyl Chloride	2.27	62	49064	18.471	ug/l	98
5) Bromomethane	2.66	94	31952	19.247	ug/l	99
6) Chloroethane	2.82	64	30843	18.843	ug/l	94
7) Trichlorofluoromethane	3.15	101	66118	19.448	ug/l	97
8) Diethyl Ether	3.56	74	25901	19.326	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	42439	19.861	ug/l	100
10) Methyl Iodide	4.13	142	47930	18.327	ug/l	100
11) Tert butyl alcohol	5.00	59	32851	117.859	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	42445	19.475	ug/l	98
13) Acrolein	3.77	56	19818	90.821	ug/l	96
14) Allyl chloride	4.52	41	77496	19.980	ug/l	99
15) Acrylonitrile	5.22	53	69012	100.460	ug/l	99
16) Acetone	3.99	43	64209	85.888	ug/l	94
17) Carbon Disulfide	4.23	76	136603	18.774	ug/l	99
18) Methyl Acetate	4.52	43	33712	20.707	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	118473	19.524	ug/l	96
20) Methylene Chloride	4.76	84	54633	20.574	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	48703	19.586	ug/l	97
22) Diisopropyl ether	6.16	45	159735	20.053	ug/l	96
23) Vinyl Acetate	6.10	43	508202	97.810	ug/l	100
24) 1,1-Dichloroethane	6.07	63	84532	19.856	ug/l	99
25) 2-Butanone	7.03	43	95633	94.167	ug/l	98
26) 2,2-Dichloropropane	7.02	77	72634	19.610	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	54301	19.784	ug/l	100
28) Bromochloromethane	7.37	49	33710	19.008	ug/l	98
29) Tetrahydrofuran	7.38	42	59555	97.022	ug/l	99
30) Chloroform	7.54	83	80725	19.406	ug/l	98
31) Cyclohexane	7.82	56	89230	19.658	ug/l #	92
32) 1,1,1-Trichloroethane	7.74	97	70059	20.038	ug/l	99
36) 1,1-Dichloropropene	7.95	75	67411	19.844	ug/l	100
37) Ethyl Acetate	7.11	43	40202	19.828	ug/l	99
38) Carbon Tetrachloride	7.93	117	57712	19.342	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	88702	19.682	ug/l	99
40) Benzene	8.19	78	199336	19.952	ug/l	99
41) Methacrylonitrile	7.38	41	54272	53.311	ug/l #	68
42) 1,2-Dichloroethane	8.27	62	54149	19.895	ug/l	99
43) Isopropyl Acetate	8.30	43	75760	19.694	ug/l	100
44) Trichloroethene	8.96	130	49698	19.927	ug/l	94
45) 1,2-Dichloropropane	9.24	63	51140	20.439	ug/l	98
46) Dibromomethane	9.33	93	26053	19.908	ug/l	100
47) Bromodichloromethane	9.52	83	62199	19.693	ug/l	98
48) Methyl methacrylate	9.31	41	34162	19.636	ug/l	99
49) 1,4-Dioxane	9.32	88	6510	352.199	ug/l #	95
51) 4-Methyl-2-Pentanone	10.09	43	194427	98.369	ug/l	99
52) Toluene	10.26	92	124136	19.919	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	69163	19.808	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	78992	19.656	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	37977	19.680	ug/l	99
56) Ethyl methacrylate	10.53	69	56617	19.557	ug/l	96
57) 1,3-Dichloropropane	10.81	76	68607	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	146775	125.277	ug/l	100
59) 2-Hexanone	10.85	43	141448	95.379	ug/l	98
60) Dibromochloromethane	11.00	129	40552	19.061	ug/l	99
61) 1,2-Dibromoethane	11.11	107	35273	19.332	ug/l	99
64) Tetrachloroethene	10.74	164	39651	19.738	ug/l	99
65) Chlorobenzene	11.53	112	128577	20.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	42576	19.756	ug/l	99
67) Ethyl Benzene	11.61	91	240486	20.284	ug/l	99
68) m/p-Xylenes	11.72	106	179163	40.454	ug/l	99
69) o-Xylene	12.05	106	85317	20.263	ug/l	97
70) Styrene	12.06	104	146360	20.002	ug/l	99
71) Bromoform	12.22	173	22964	18.645	ug/l #	99
73) Isopropylbenzene	12.34	105	228179	20.170	ug/l	99
74) N-amyl acetate	12.16	43	69954	19.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	47877	19.821	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	63090	37.037	ug/l #	100
77) Bromobenzene	12.62	156	49209	20.066	ug/l	96
78) n-propylbenzene	12.69	91	282930	20.535	ug/l	99
79) 2-Chlorotoluene	12.77	91	156627	20.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	190113	20.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17243	19.204	ug/l	93
82) 4-Chlorotoluene	12.87	91	165994	20.367	ug/l	99
83) tert-Butylbenzene	13.09	119	158436	20.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	190999	20.459	ug/l	100
85) sec-Butylbenzene	13.27	105	234694	20.375	ug/l	100
86) p-Isopropyltoluene	13.38	119	203301	20.316	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	94620	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	95886	19.944	ug/l	99
89) n-Butylbenzene	13.71	91	210524	20.589	ug/l	99
90) Hexachloroethane	13.97	117	37133	19.695	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	87261	19.881	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	7658	19.210	ug/l	98

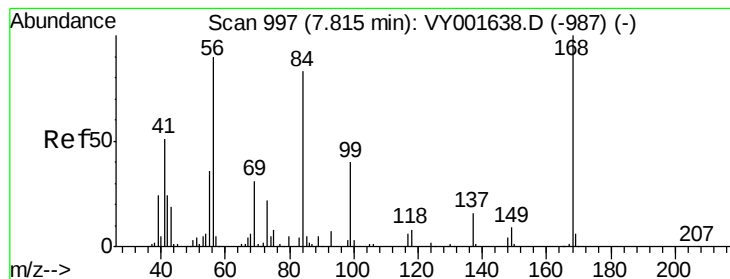
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	58274	20.035	ug/l	100
94) Hexachlorobutadiene	15.12	225	28129	19.446	ug/l	100
95) Naphthalene	15.25	128	129389	19.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	50161	19.602	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

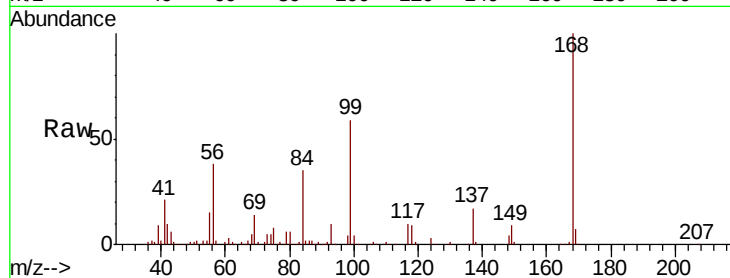
ClientSampled :

Tot Ion:168 Resp: 200865

Ion Ratio Lower Upper

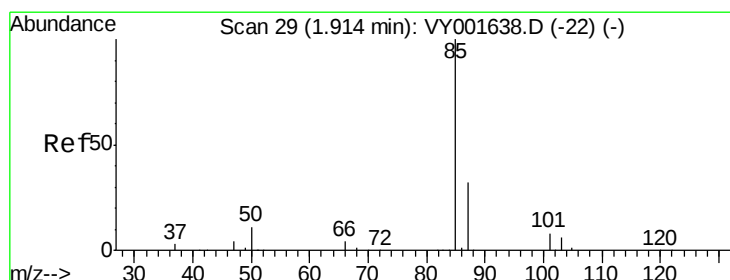
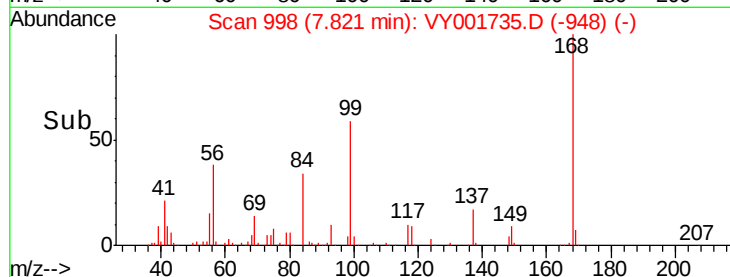
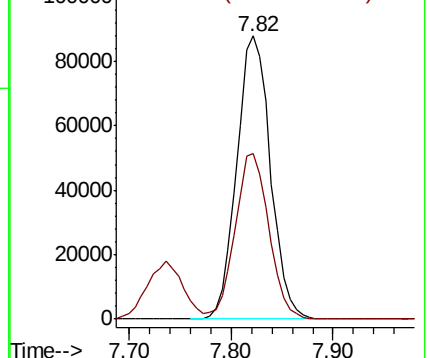
168 100

99 58.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001735.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001735.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 17.538 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001735.D

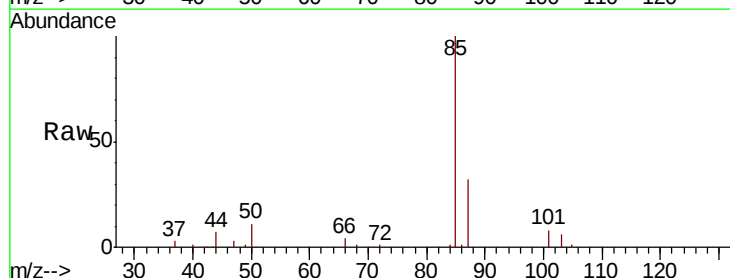
Acq: 21 Feb 2020 12:29

Tgt Ion: 85 Resp: 34340

Ion Ratio Lower Upper

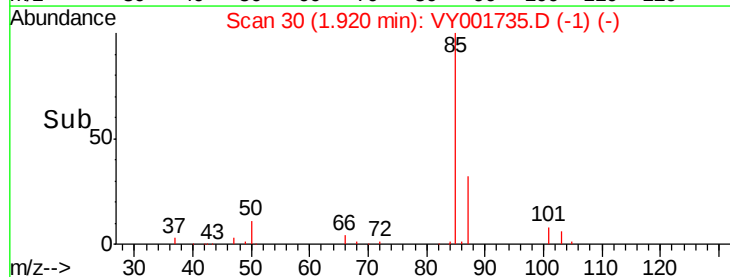
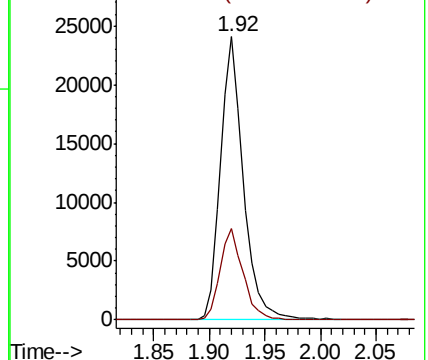
85 100

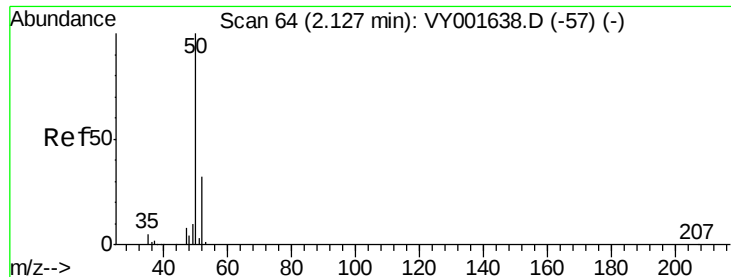
87 32.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001735.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001735.D (-1) (-)





#3

Chloromethane

Concen: 17.984 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

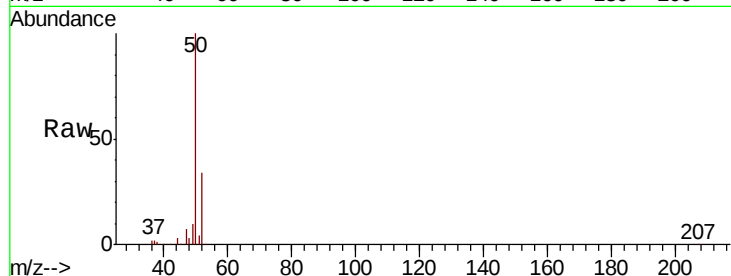
ClientSampleId :

Tot Ion: 50 Resp: 47363

Ion Ratio Lower Upper

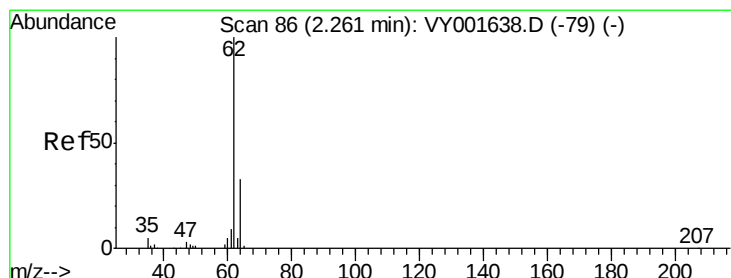
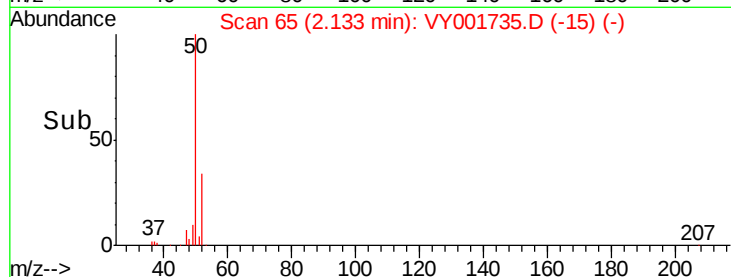
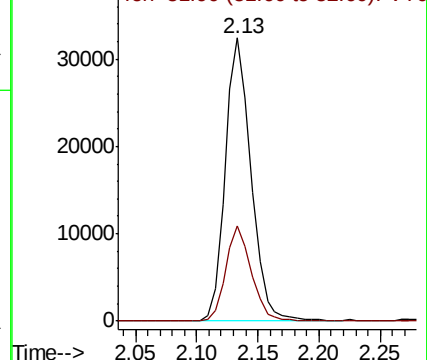
50 100

52 33.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.471 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001735.D

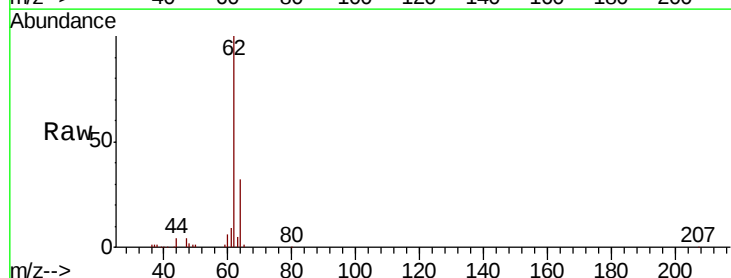
Acq: 21 Feb 2020 12:29

Tgt Ion: 62 Resp: 49064

Ion Ratio Lower Upper

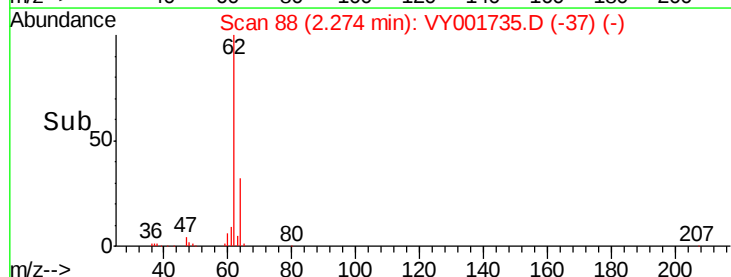
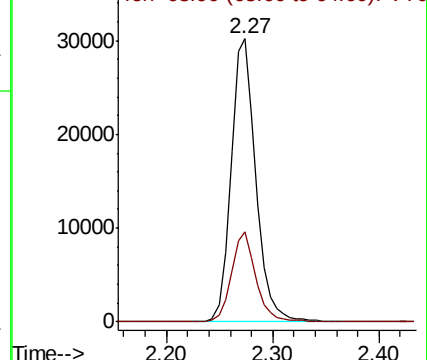
62 100

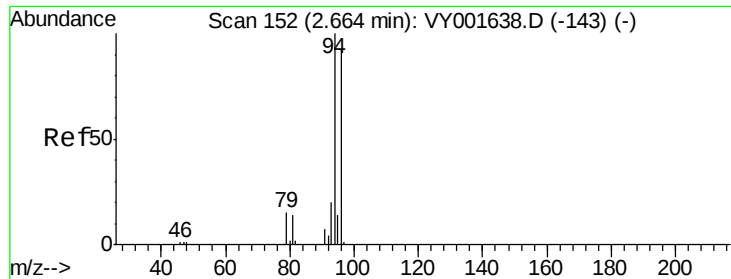
64 32.0 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.247 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

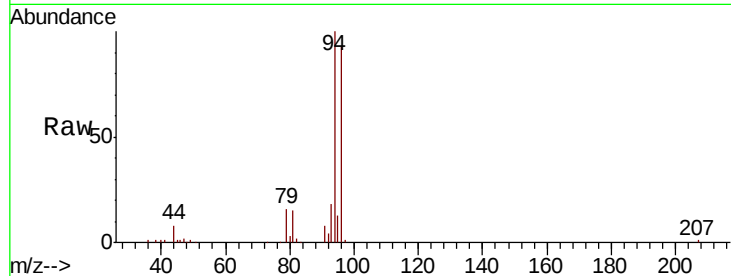
ClientSampleId :

Tot Ion: 94 Resp: 31952

Ion Ratio Lower Upper

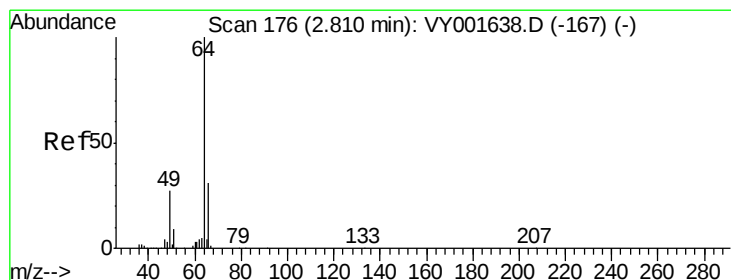
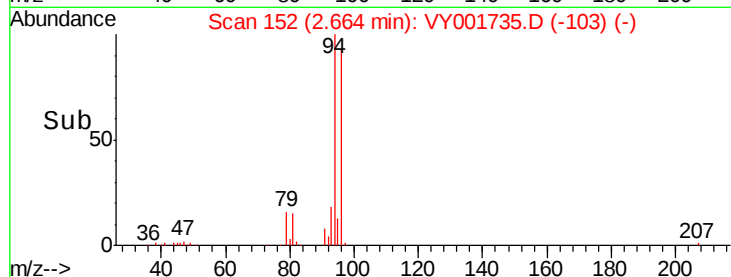
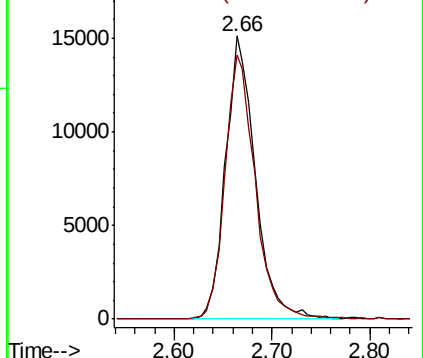
94 100

96 93.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.843 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001735.D

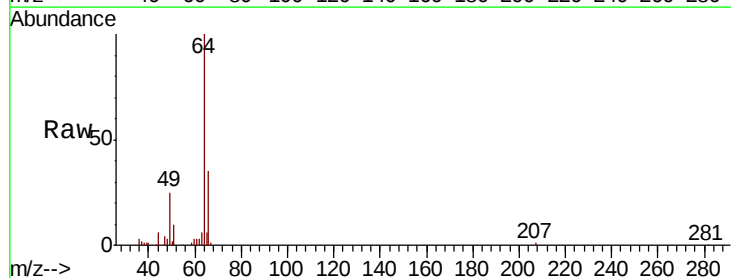
Acq: 21 Feb 2020 12:29

Tgt Ion: 64 Resp: 30843

Ion Ratio Lower Upper

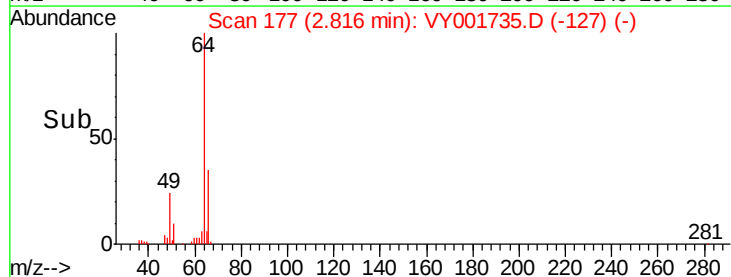
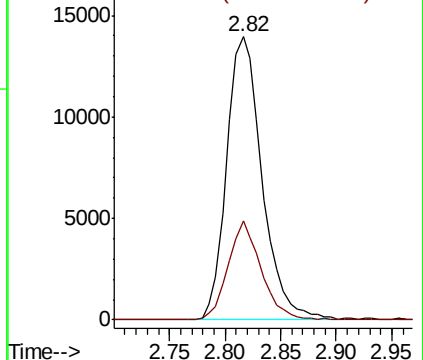
64 100

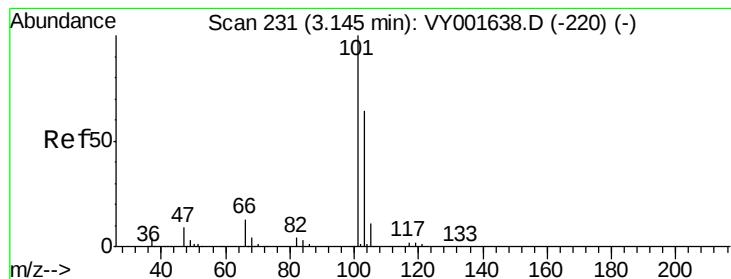
66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



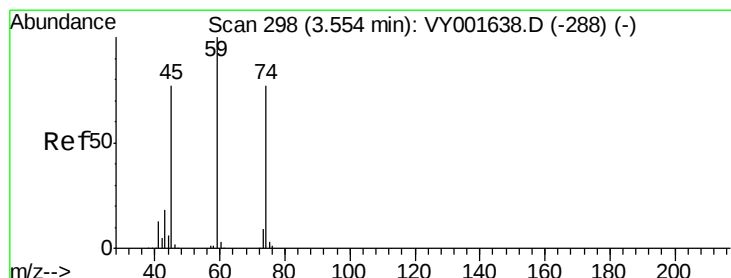
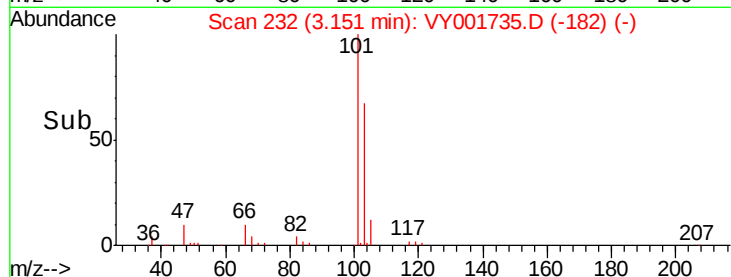
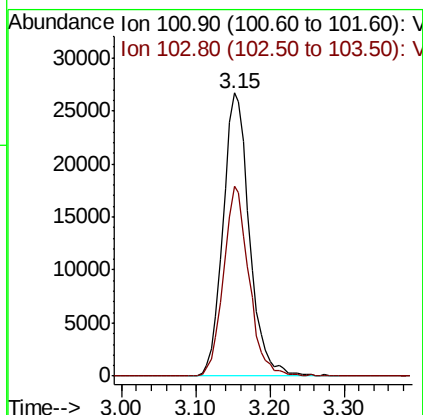
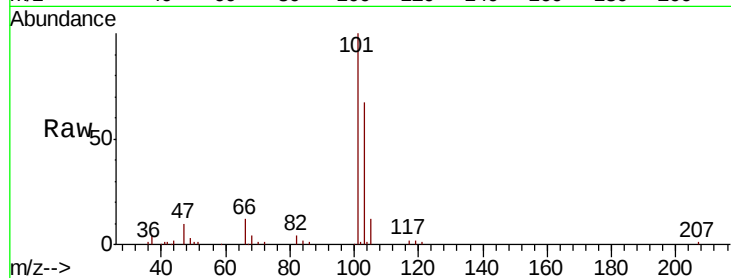


#7

Trichlorofluoromethane
 Concen: 19.448 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampled :

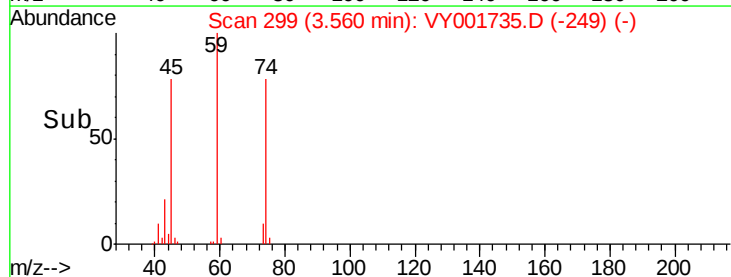
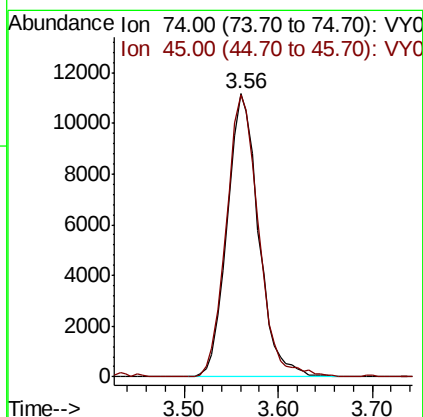
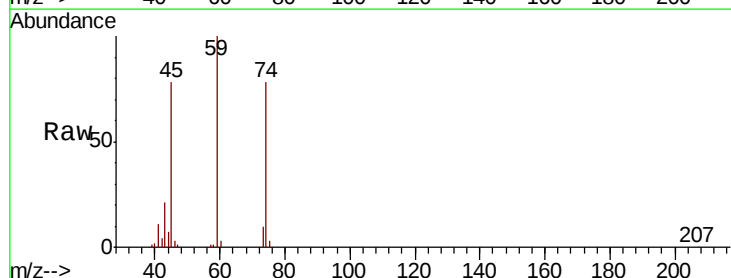
Tot Ion:101 Resp: 66118
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.2 78.2

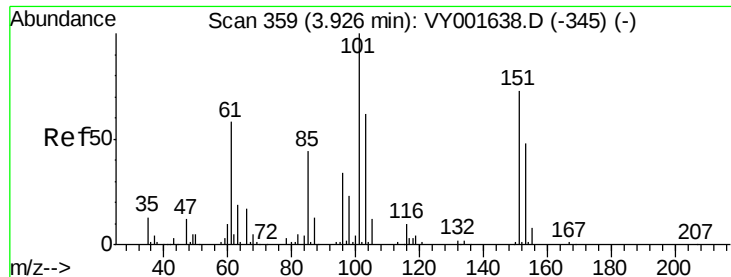


#8

Diethyl Ether
 Concen: 19.326 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 74 Resp: 25901
 Ion Ratio Lower Upper
 74 100
 45 102.4 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.861 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

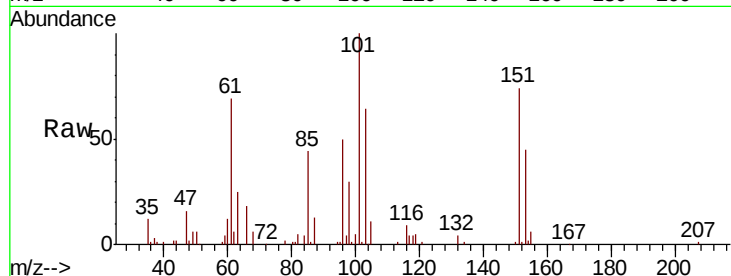
Tot Ion:101 Resp: 42439

Ion Ratio Lower Upper

101 100

85 44.0 35.1 52.7

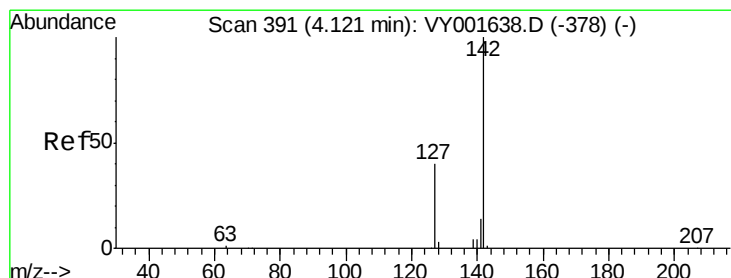
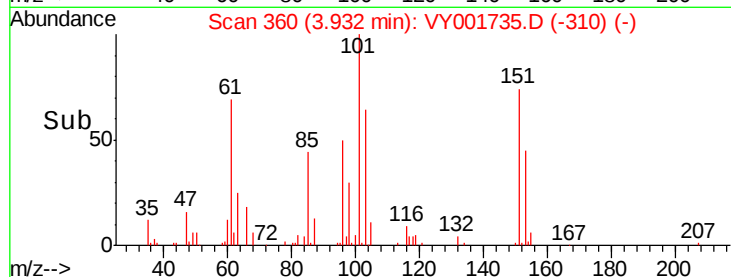
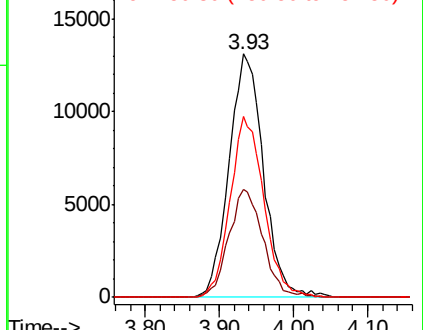
151 72.8 58.4 87.6



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: 18.327 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

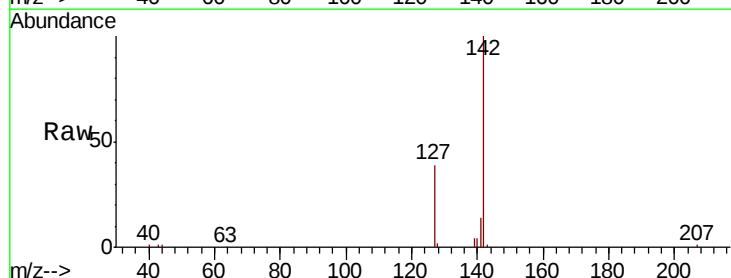
Tgt Ion:142 Resp: 47930

Ion Ratio Lower Upper

142 100

127 40.5 32.1 48.1

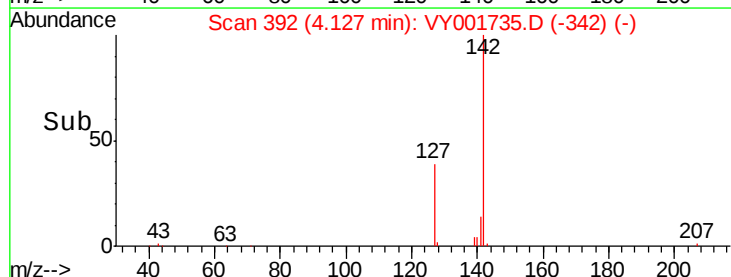
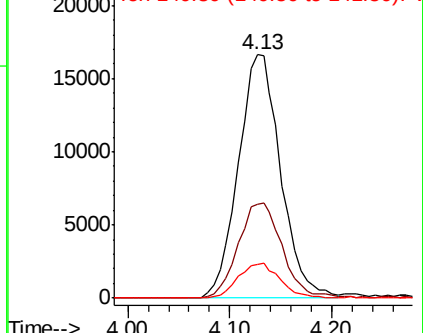
141 14.2 11.3 16.9

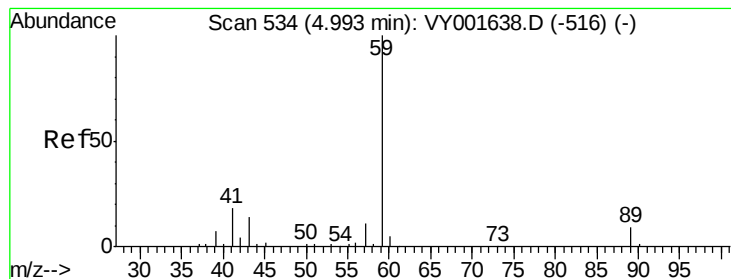


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



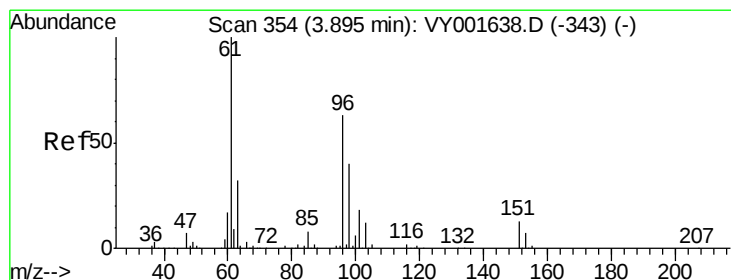
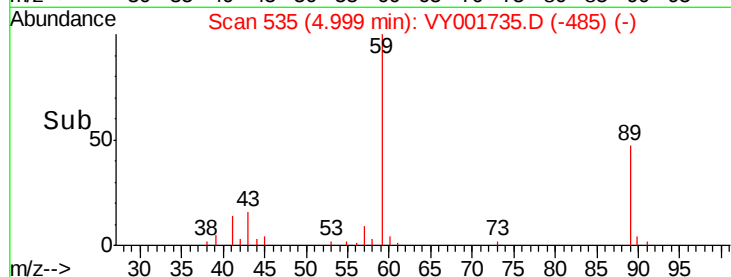
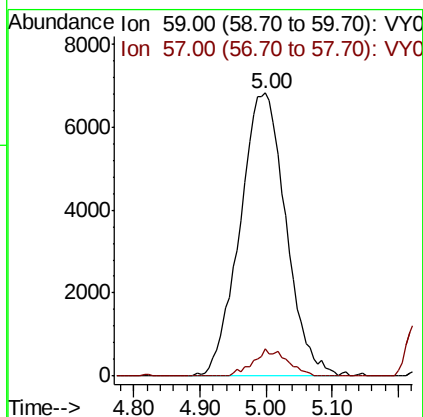
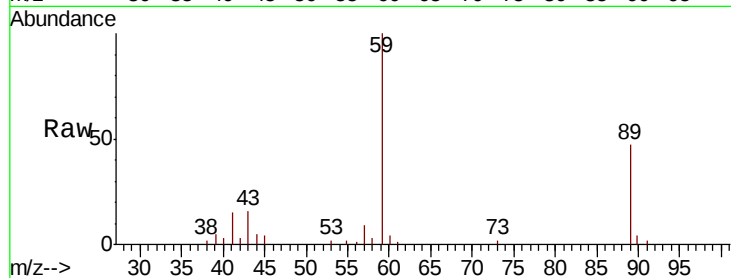


#11

Tert butyl alcohol
 Concen: 117.859 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :

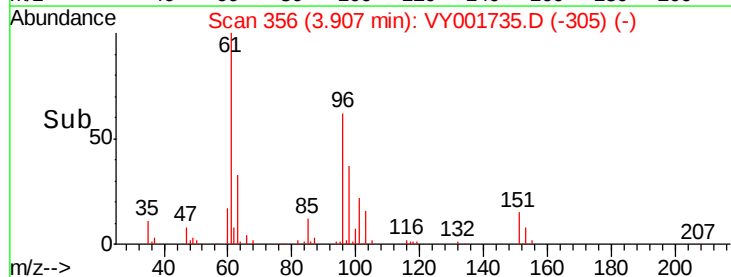
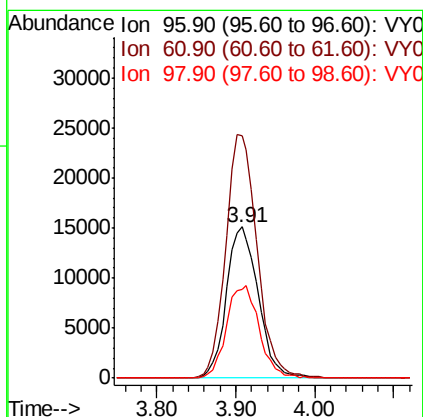
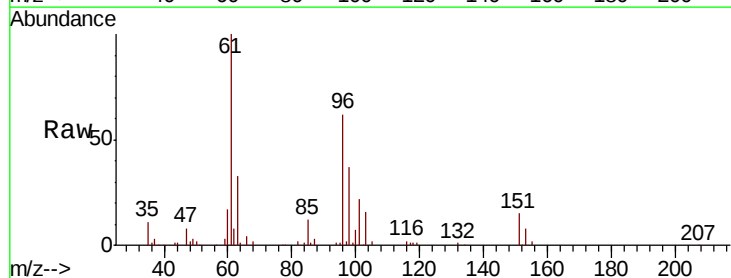
Tot Ion: 59 Resp: 32851
 Ion Ratio Lower Upper
 59 100
 57 7.0 7.4 11.2#

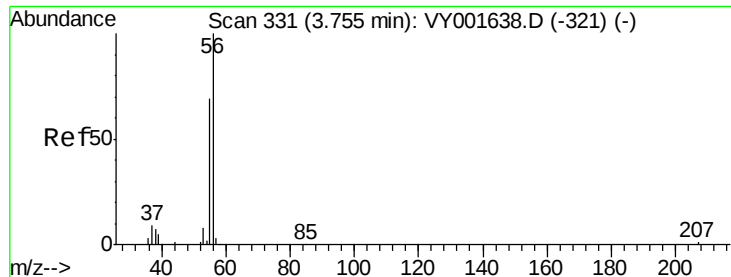


#12

1,1-Dichloroethene
 Concen: 19.475 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 96 Resp: 42445
 Ion Ratio Lower Upper
 96 100
 61 160.3 128.7 193.1
 98 58.9 50.7 76.1





#13

Acrolein

Concen: 90.821 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

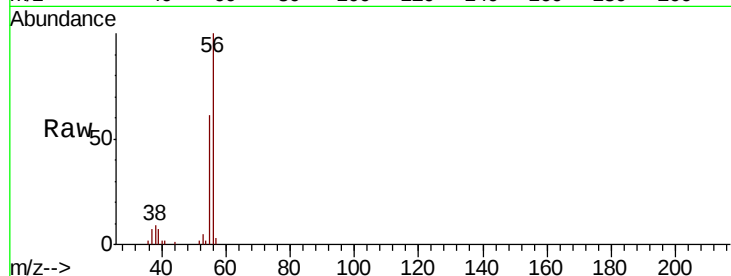
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 19818

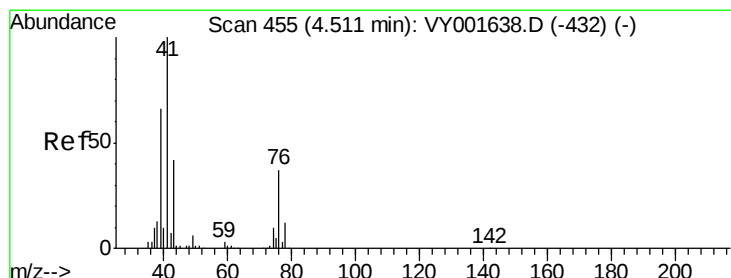
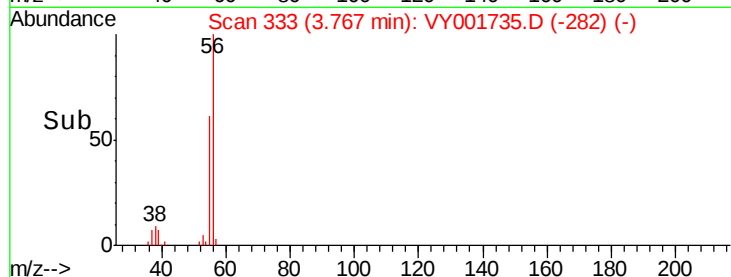
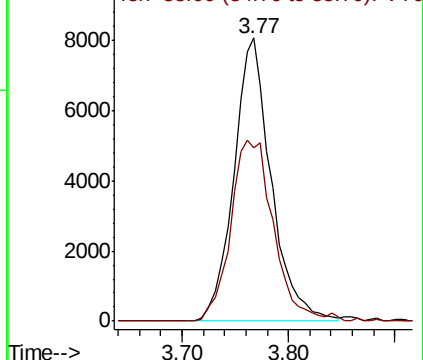
Ion Ratio Lower Upper

56 100

55 73.4 56.1 84.1



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



#14

Allyl chloride

Concen: 19.980 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

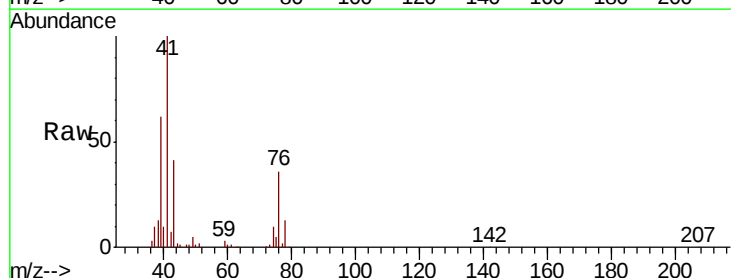
Tgt Ion: 41 Resp: 77496

Ion Ratio Lower Upper

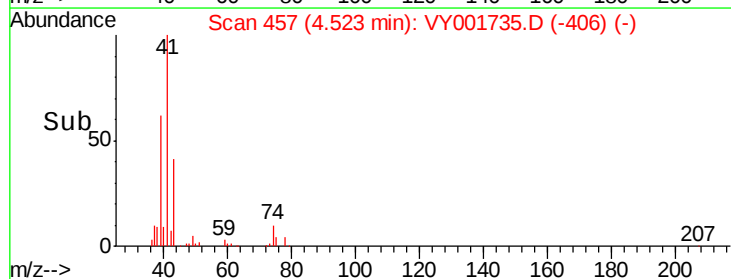
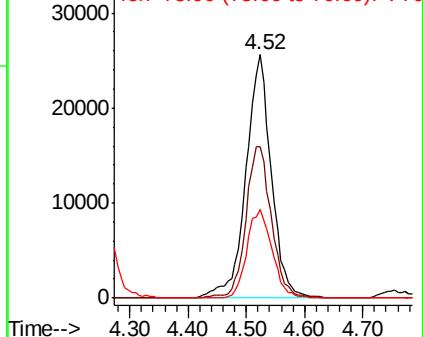
41 100

39 62.4 49.4 74.0

76 36.0 29.0 43.6



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





#15

Acrylonitrile

Concen: 100.460 ug/l

RT: 5.22 min Scan# 571

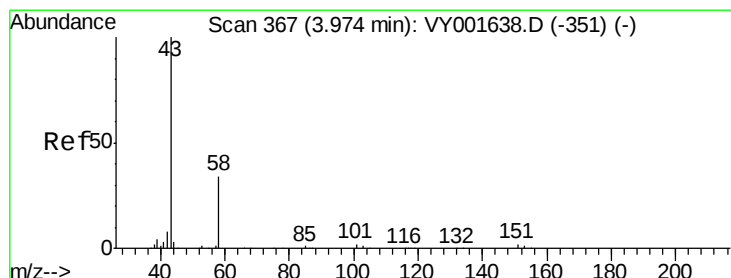
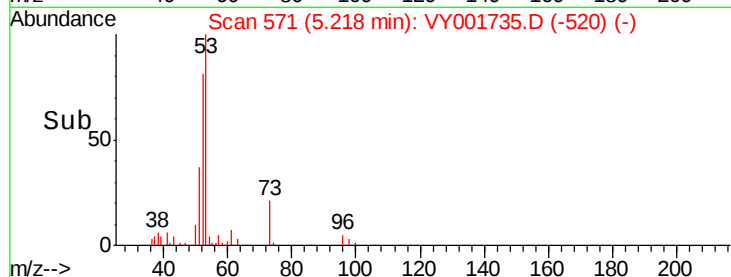
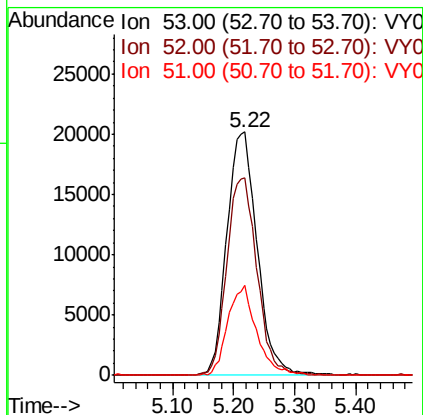
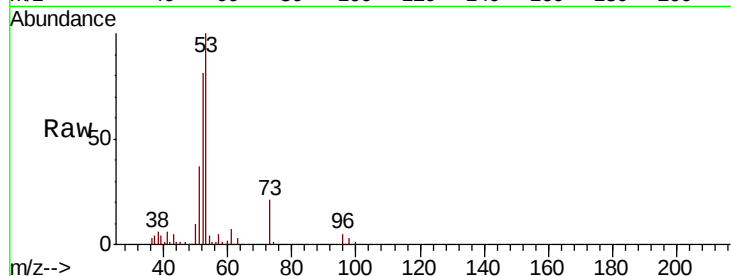
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	69012
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.4	98.0
51	35.0	28.0	42.0



#16

Acetone

Concen: 85.888 ug/l

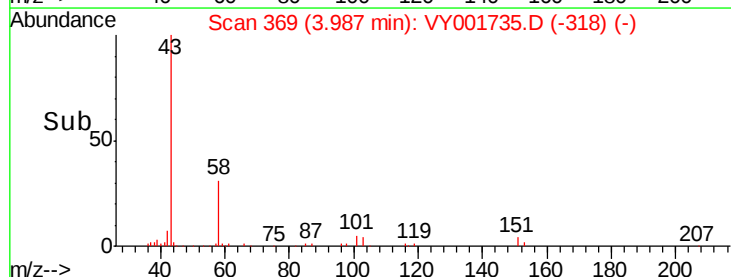
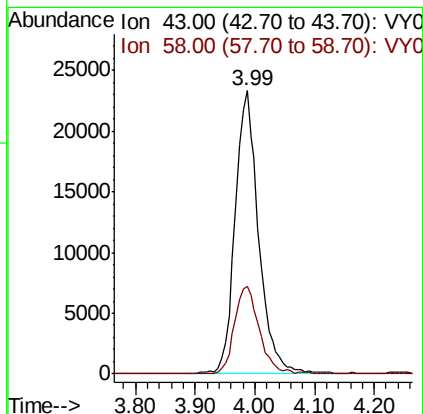
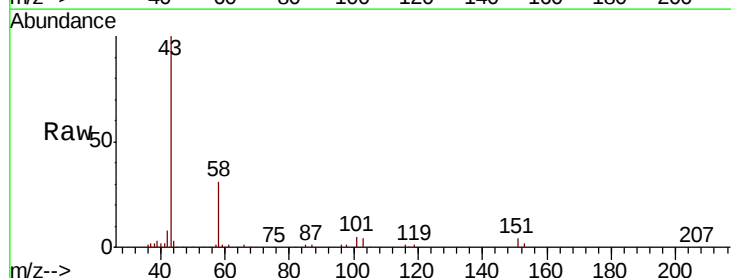
RT: 3.99 min Scan# 369

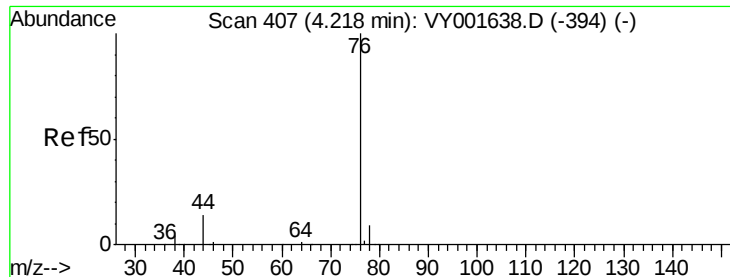
Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion:	43	Resp:	64209
Ion	Ratio	Lower	Upper
43	100		
58	30.7	27.3	40.9

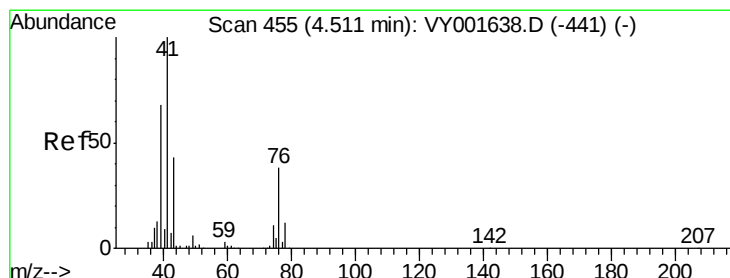
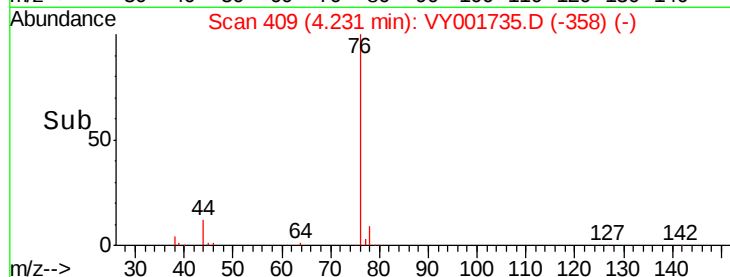
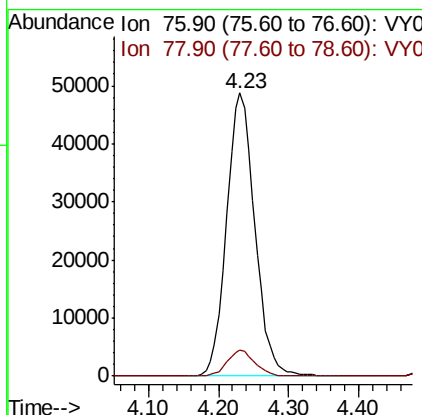
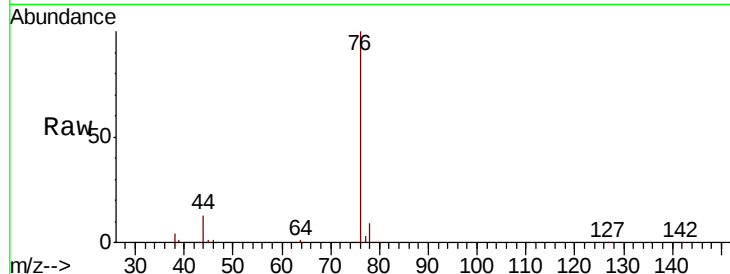




#17
Carbon Disulfide
Concen: 18.774 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

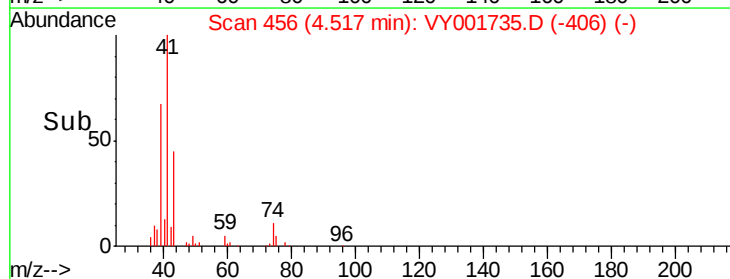
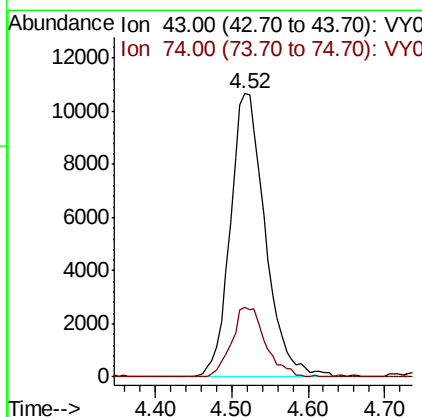
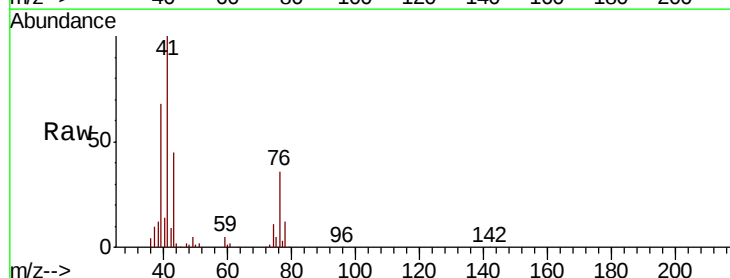
Instrument :
MSVOA_Y
ClientSampled :

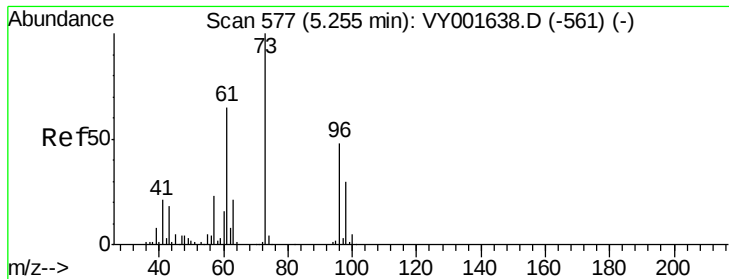
Tot Ion: 76 Resp: 136603
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.707 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 43 Resp: 33712
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7

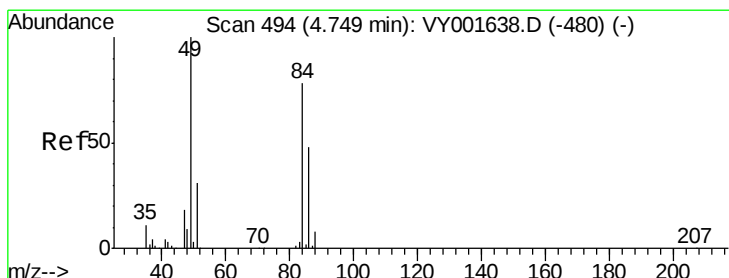
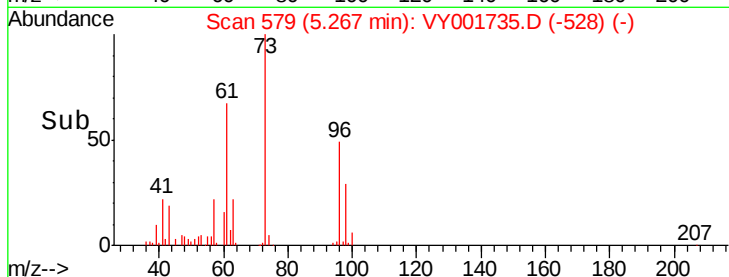
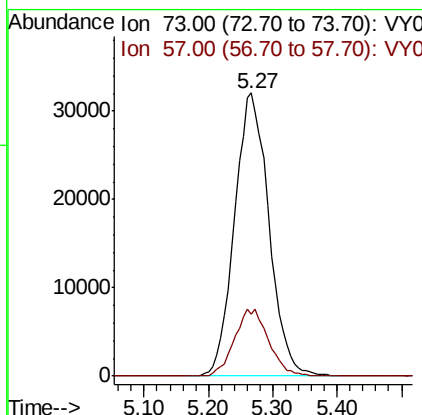
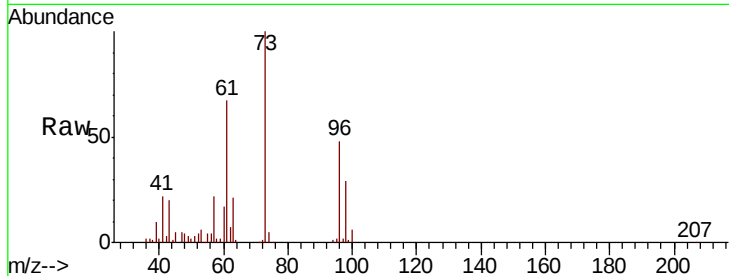




#19
Methyl tert-butyl Ether
Concen: 19.524 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

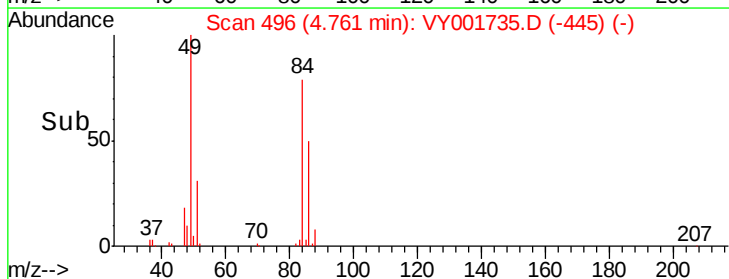
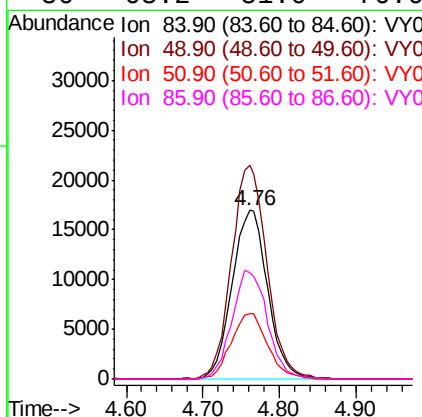
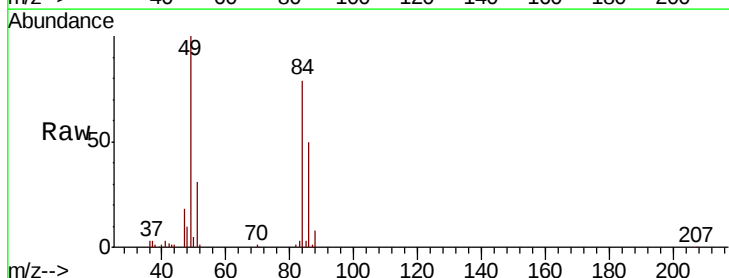
Instrument :
MSVOA_Y
ClientSampleId :

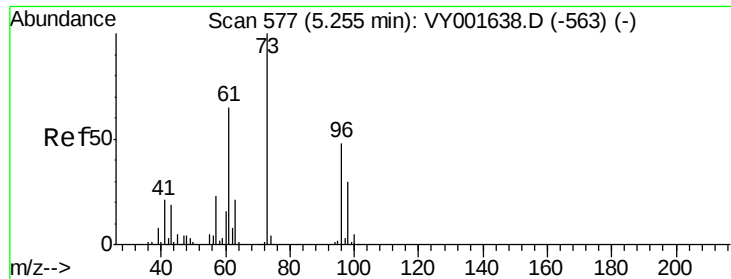
Tot Ion: 73 Resp: 118473
Ion Ratio Lower Upper
73 100
57 21.9 19.0 28.6



#20
Methylene Chloride
Concen: 20.574 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 84 Resp: 54633
Ion Ratio Lower Upper
84 100
49 126.9 99.2 148.8
51 38.7 31.5 47.3
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.586 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

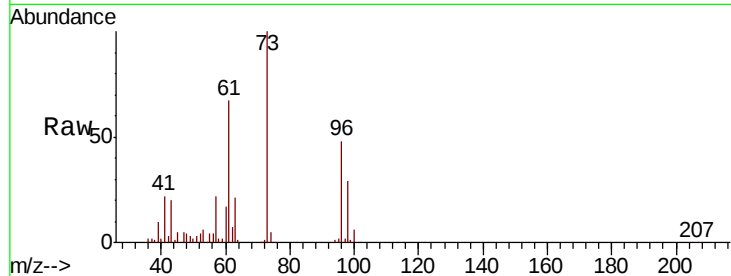
Tot Ion: 96 Resp: 48703

Ion Ratio Lower Upper

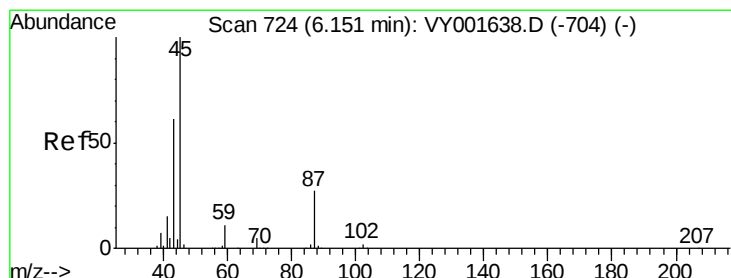
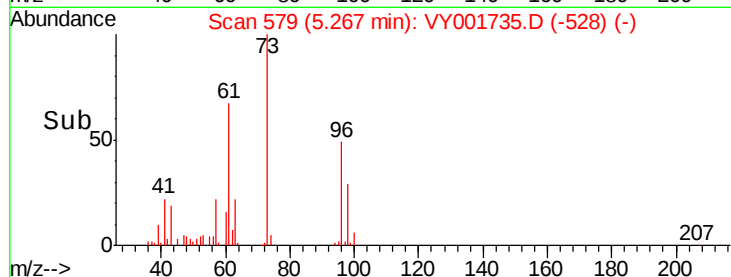
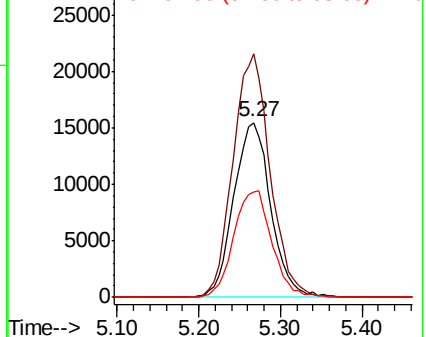
96 100

61 139.1 107.9 161.9

98 60.2 49.8 74.8



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



#22

Diisopropyl ether

Concen: 20.053 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion: 45 Resp: 159735

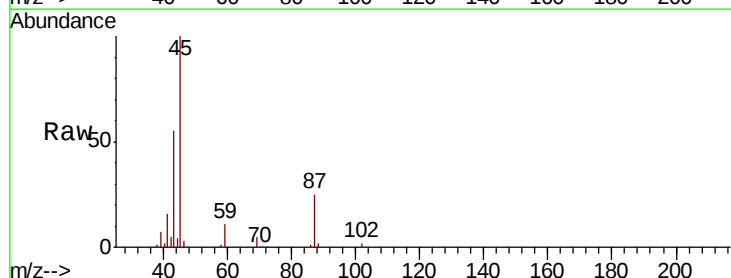
Ion Ratio Lower Upper

45 100

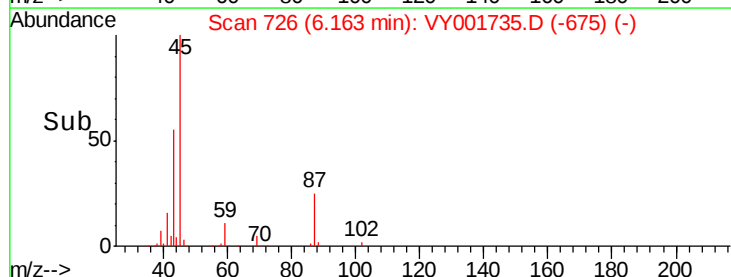
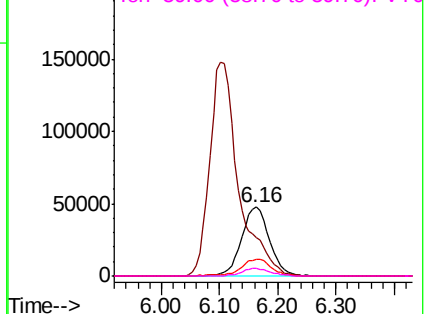
43 55.0 46.4 69.6

87 25.0 22.1 33.1

59 11.2 9.4 14.0



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

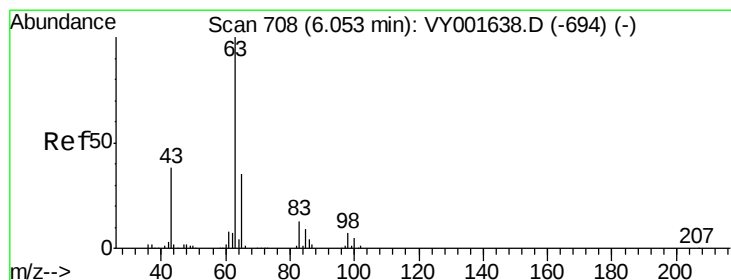
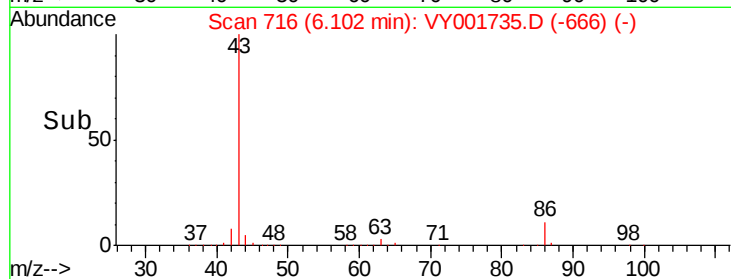
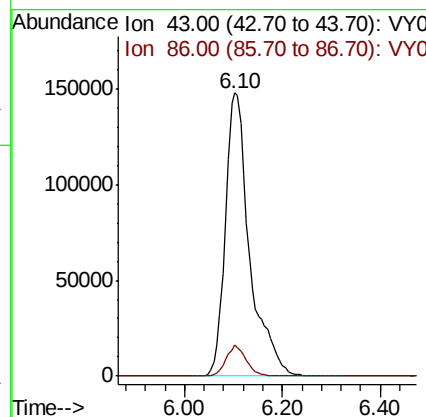
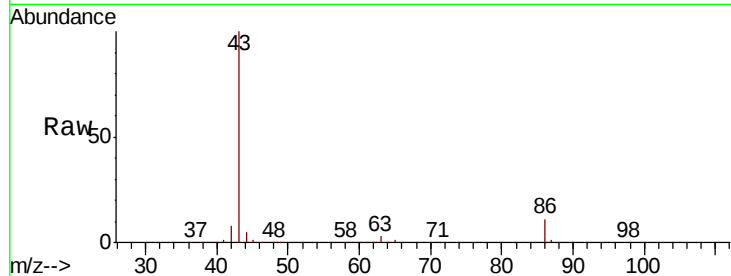




#23
 Vinyl Acetate
 Concen: 97.810 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

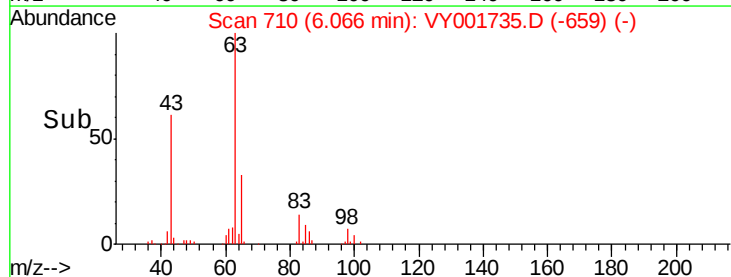
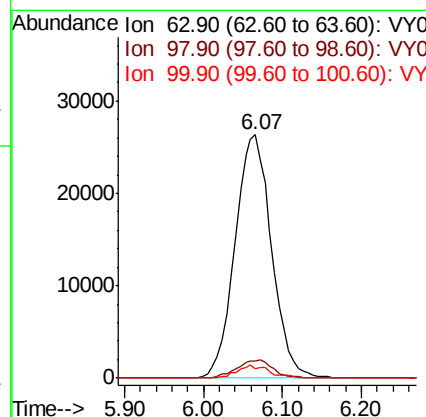
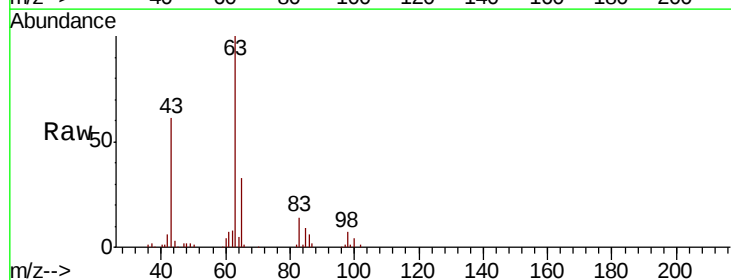
Instrument :
 MSVOA_Y
 ClientSampleId :

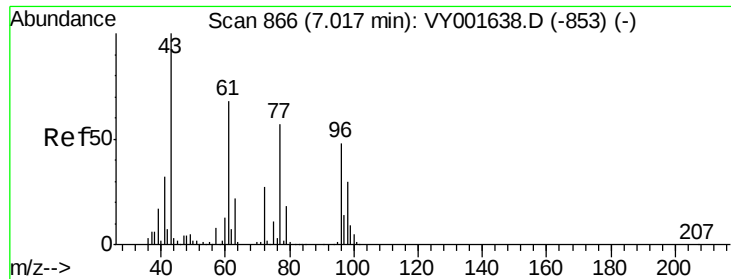
Tot Ion: 43 Resp: 508202
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 19.856 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 63 Resp: 84532
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.0 2.3 6.9





#25

2-Butanone

Concen: 94.167 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

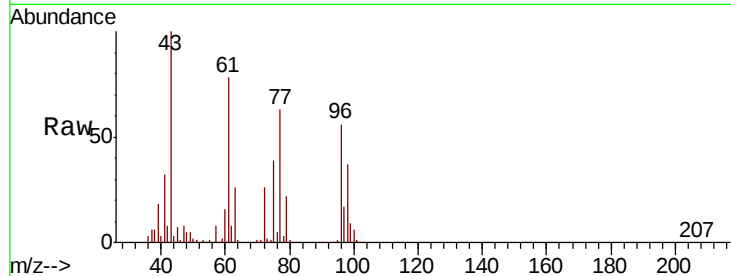
ClientSampled :

Tot Ion: 43 Resp: 95633

Ion Ratio Lower Upper

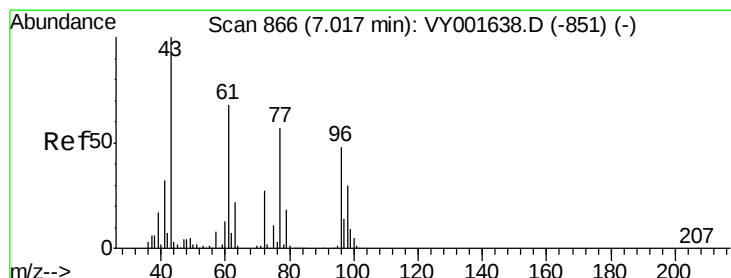
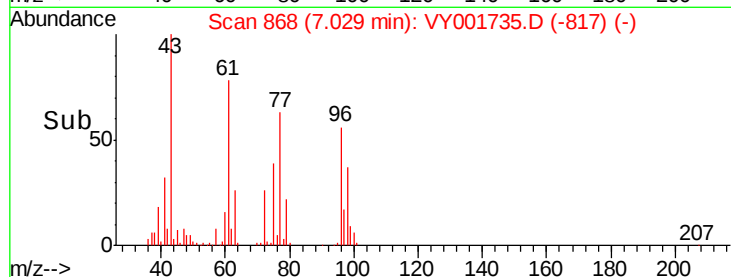
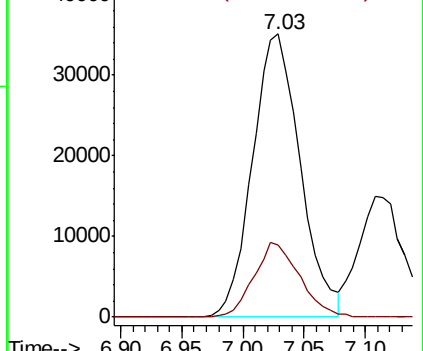
43 100

72 25.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 19.610 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001735.D

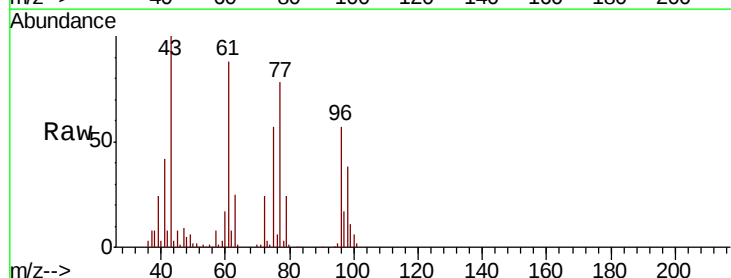
Acq: 21 Feb 2020 12:29

Tgt Ion: 77 Resp: 72634

Ion Ratio Lower Upper

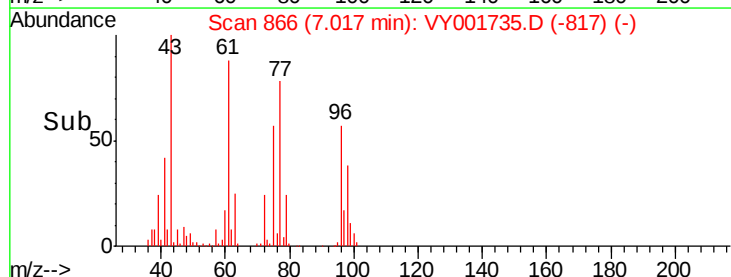
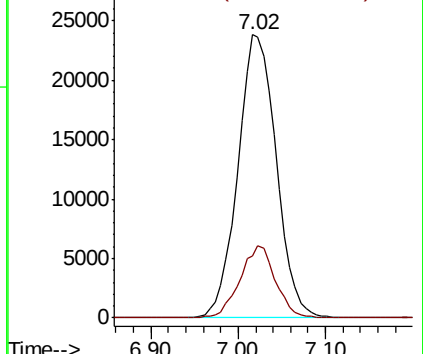
77 100

97 23.4 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



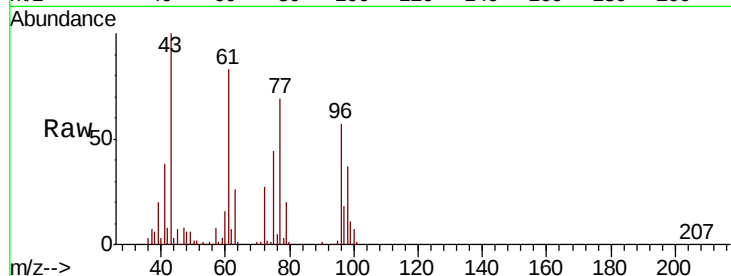


#27

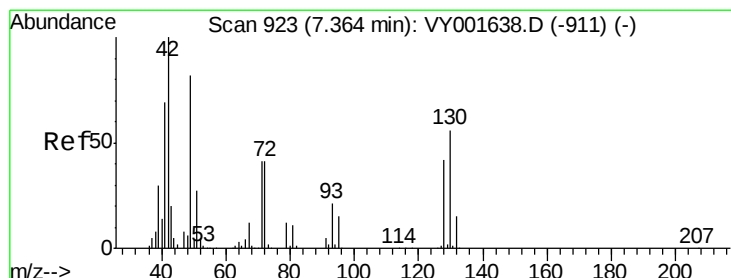
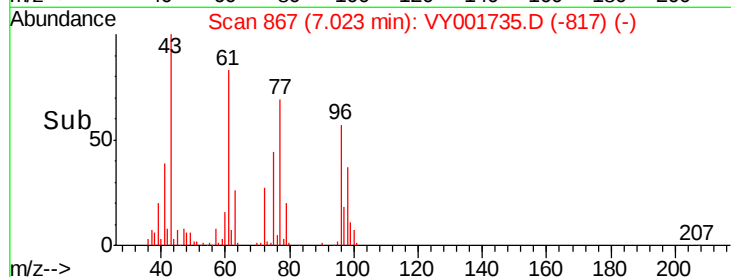
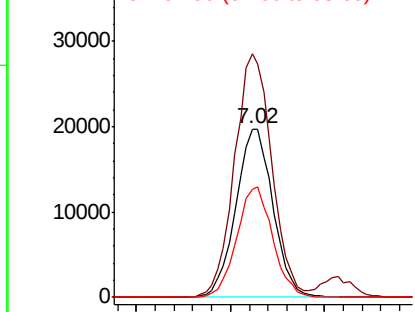
cis-1,2-Dichloroethene
Concen: 19.784 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	290.8
98	63.4	0.0	128.6



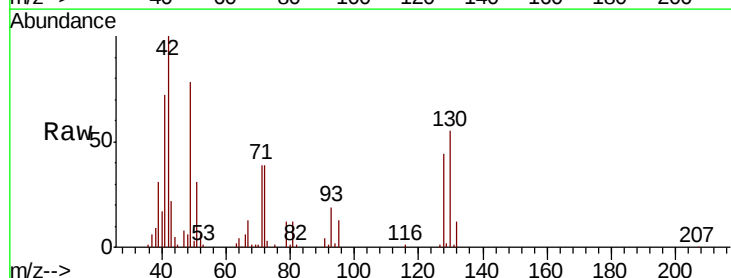
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



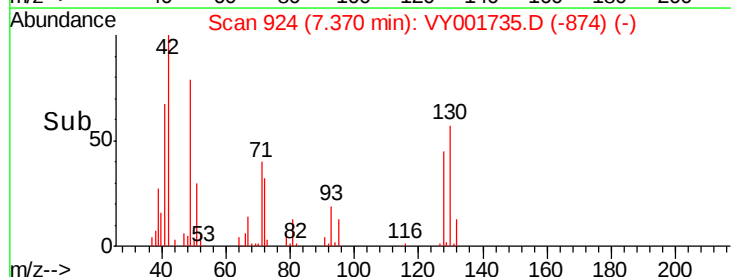
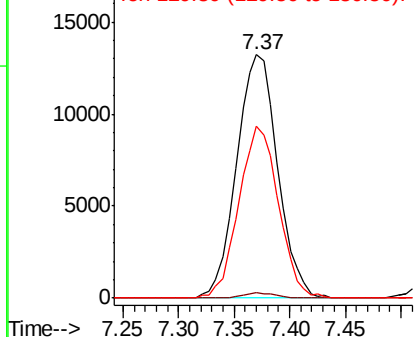
#28

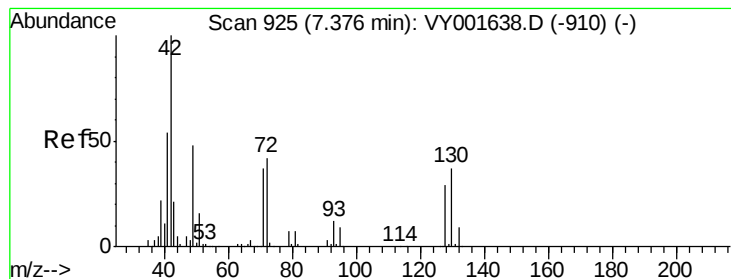
Bromochloromethane
Concen: 19.008 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	68.5	56.2	84.4



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





#29

Tetrahydrofuran

Concen: 97.022 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampled :

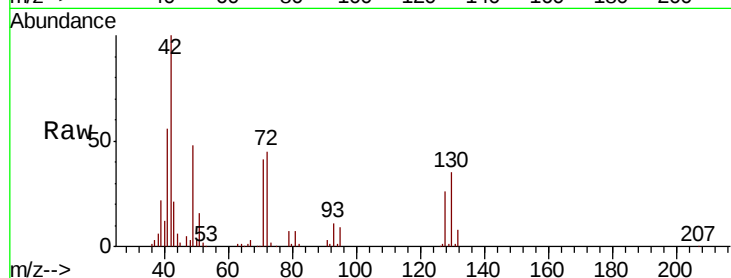
Tot Ion: 42 Resp: 59555

Ion Ratio Lower Upper

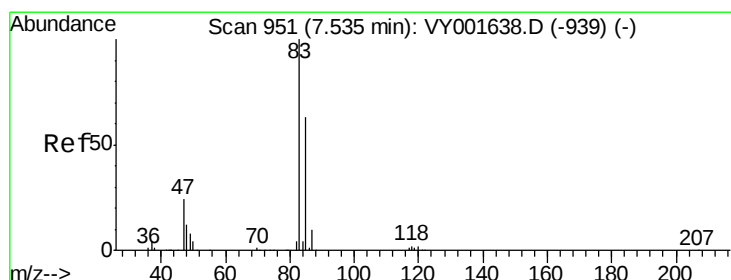
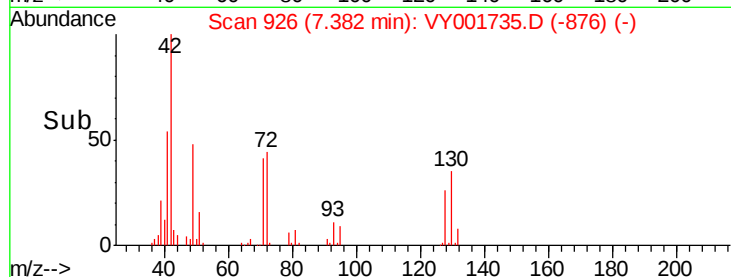
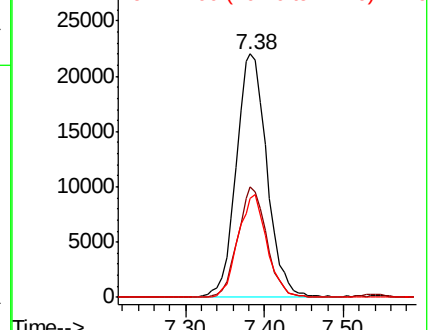
42 100

72 42.4 34.4 51.6

71 39.5 31.8 47.8



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



#30

Chloroform

Concen: 19.406 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001735.D

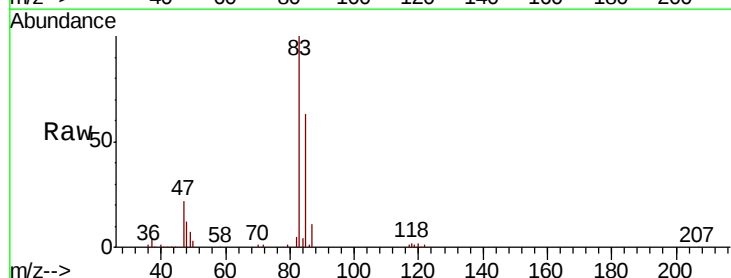
Acq: 21 Feb 2020 12:29

Tgt Ion: 83 Resp: 80725

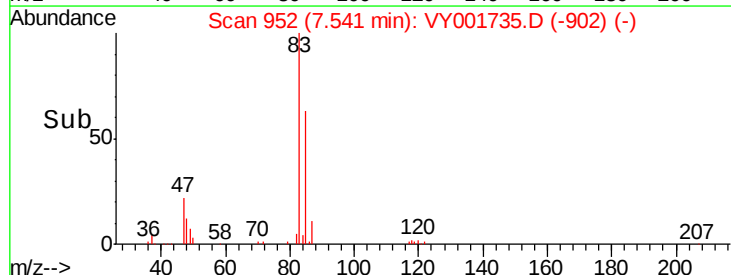
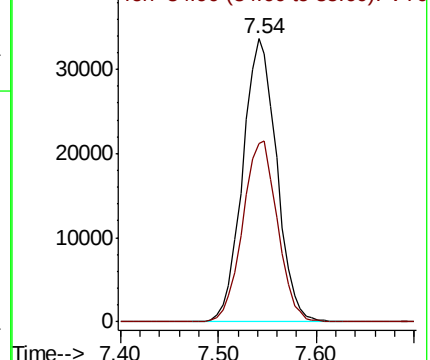
Ion Ratio Lower Upper

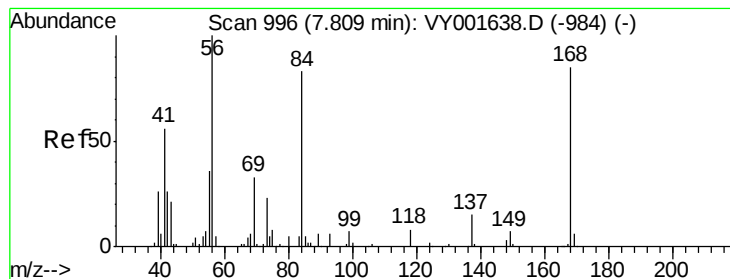
83 100

85 63.1 51.6 77.4



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





#31

Cyclohexane

Concen: 19.658 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

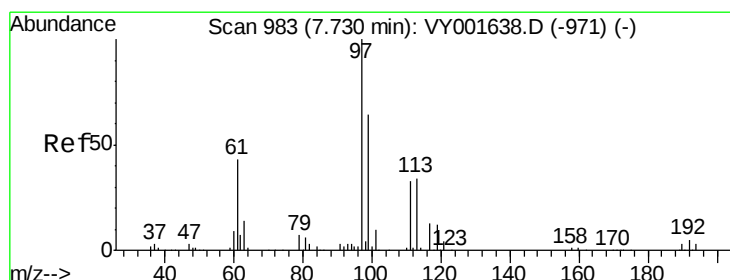
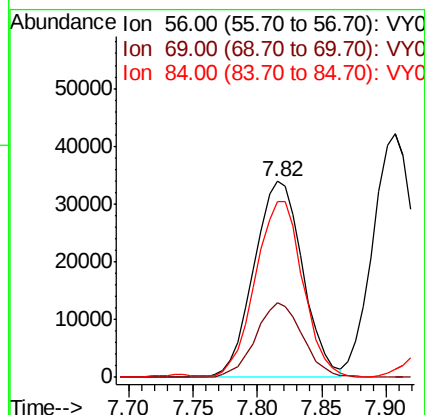
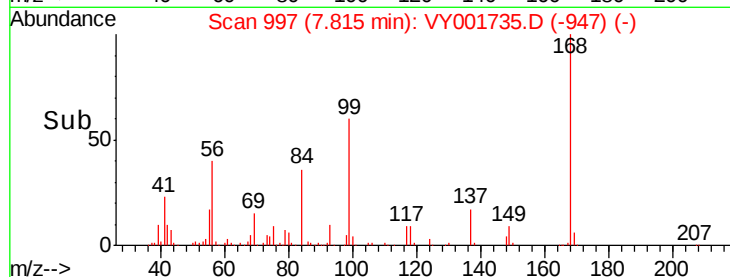
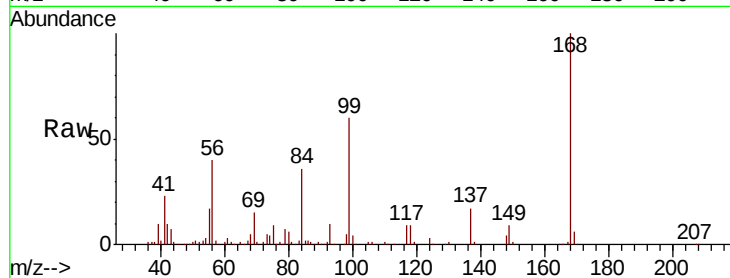
Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 89230

Ion	Ratio	Lower	Upper
56	100		
69	38.0	25.1	37.7#
84	89.3	66.9	100.3



#32

1,1,1-Trichloroethane

Concen: 20.038 ug/l

RT: 7.74 min Scan# 984

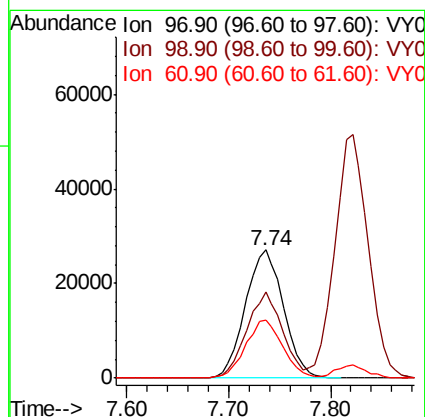
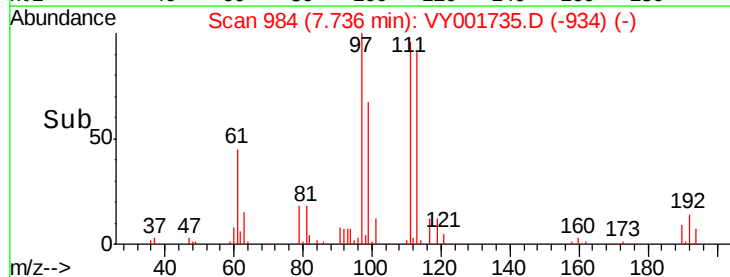
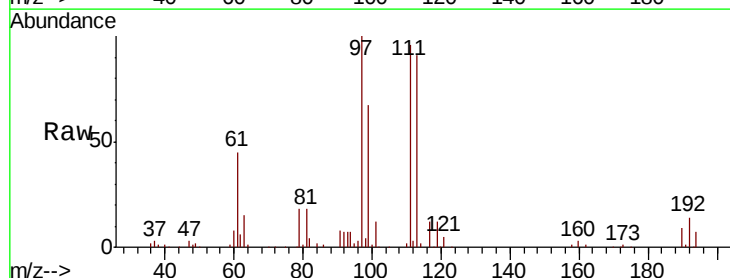
Delta R.T. 0.01 min

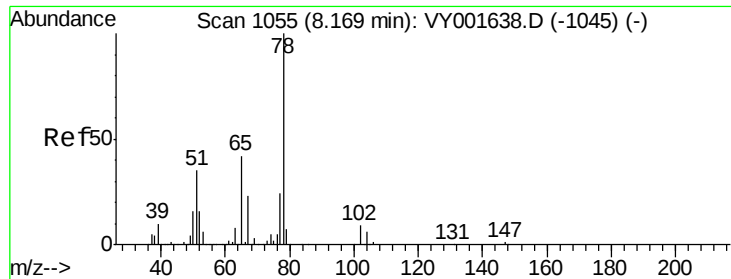
Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion: 97 Resp: 70059

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	44.4	35.0	52.6

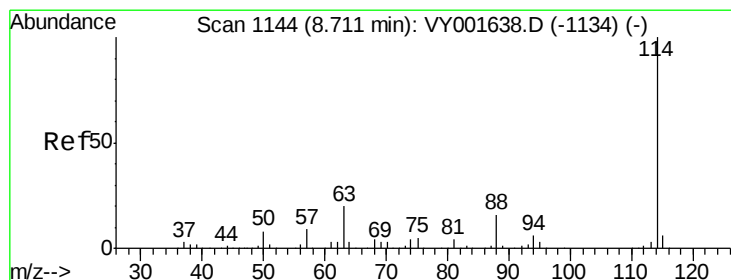
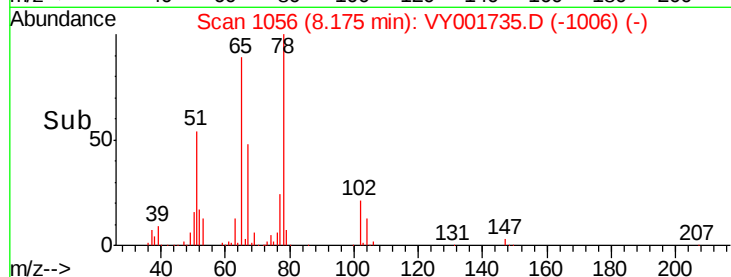
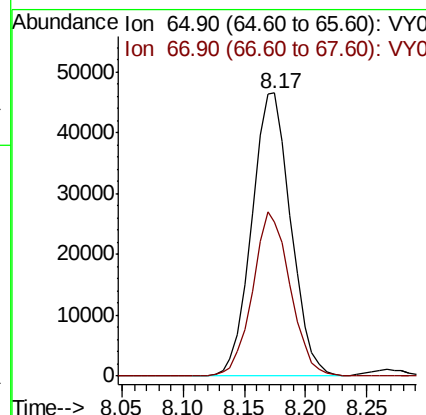
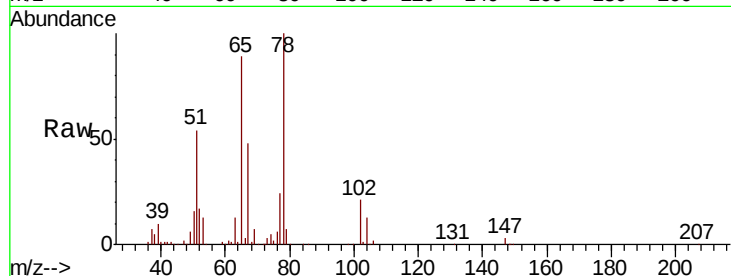




#33
 1,2-Dichloroethane-d4
 Concen: 47.750 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

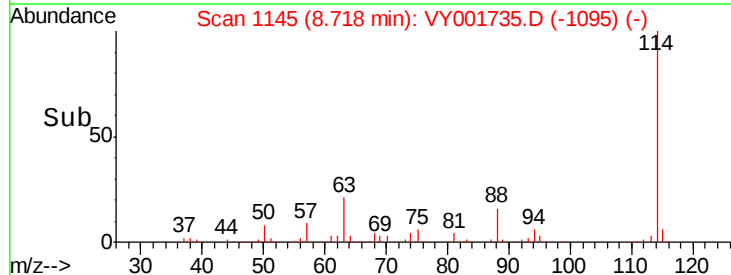
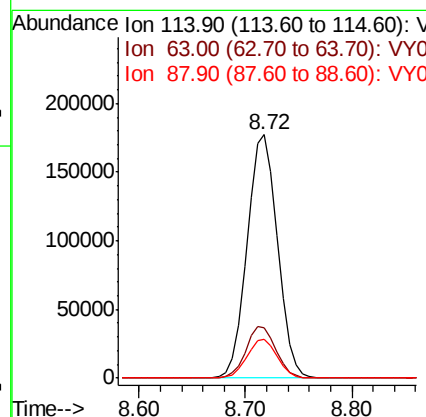
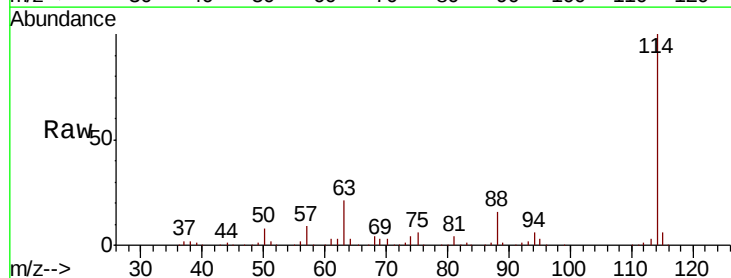
Instrument :
 MSVOA_Y
 ClientSampled :

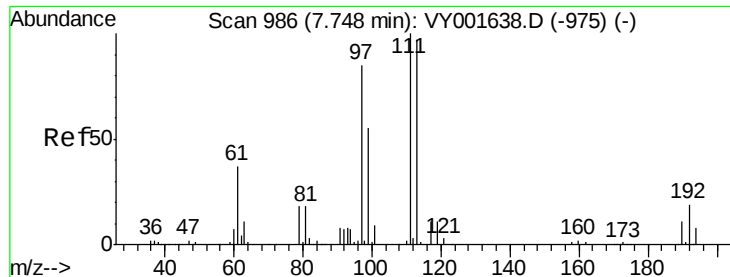
Tot Ion: 65 Resp: 103169
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 114 Resp: 355635
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 16.1 0.0 32.8

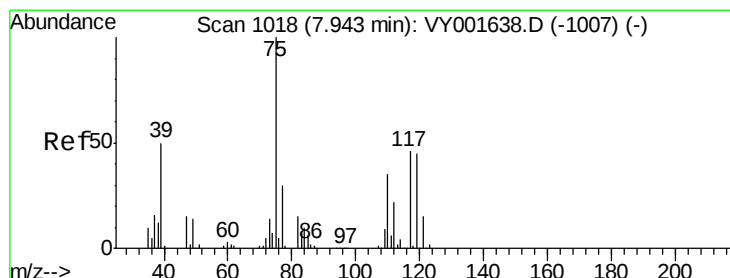
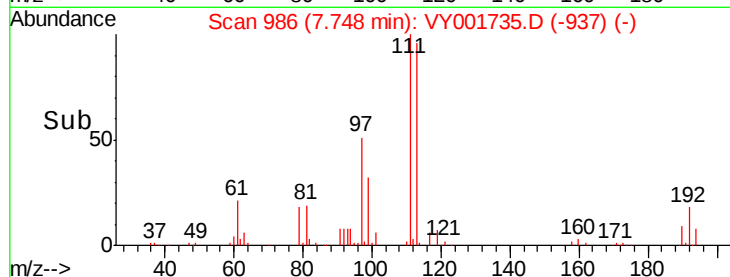
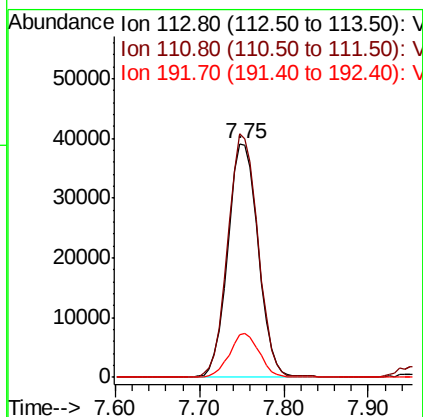
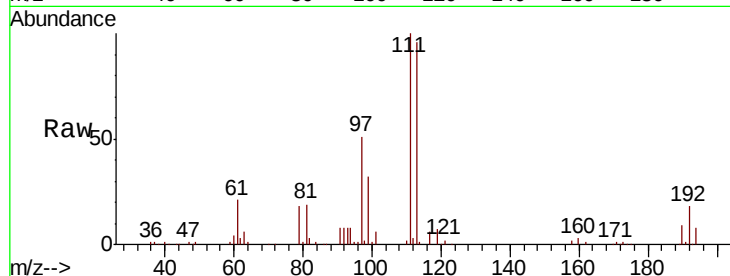


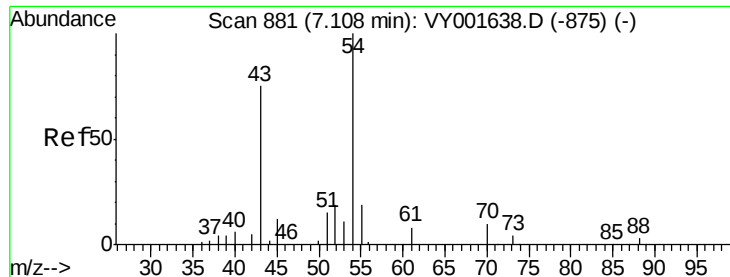


#35
 Dibromofluoromethane
 Concen: 46.879 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 95488
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.9 122.9
 192 18.3 14.3 21.5

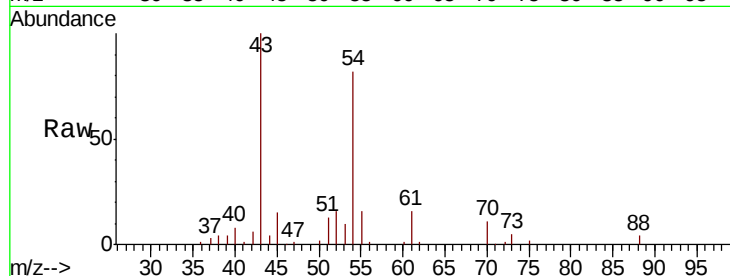




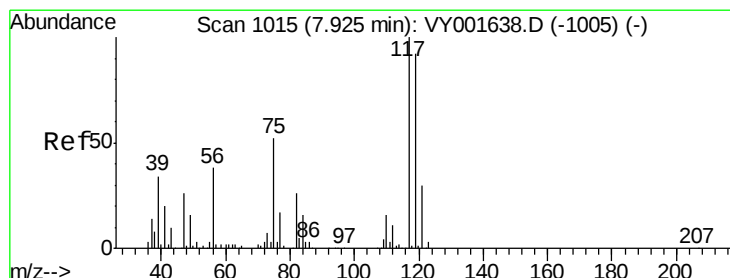
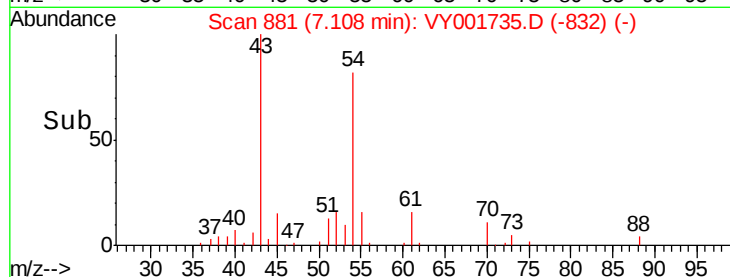
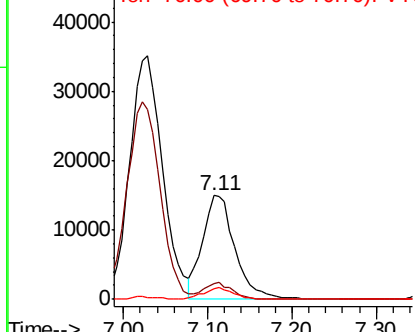
#37
Ethyl Acetate
Concen: 19.828 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 40202
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 10.4 8.8 13.2

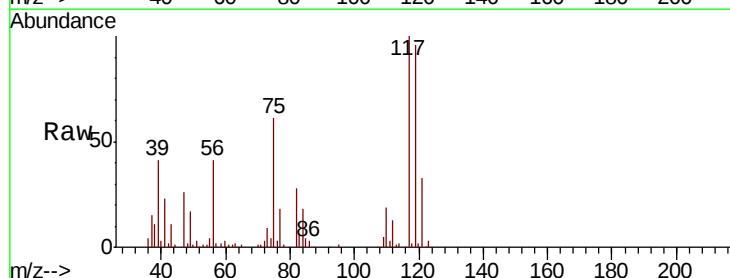


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

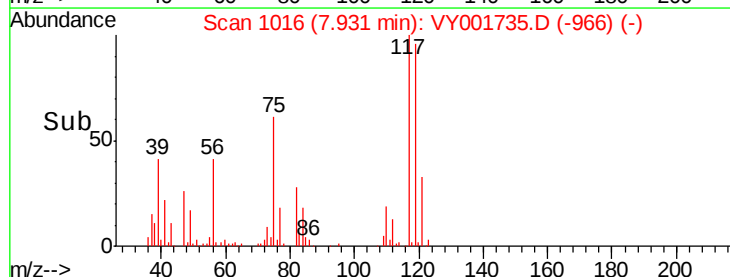
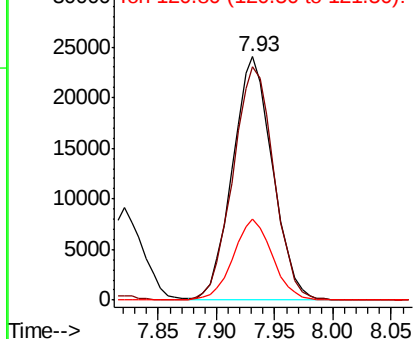


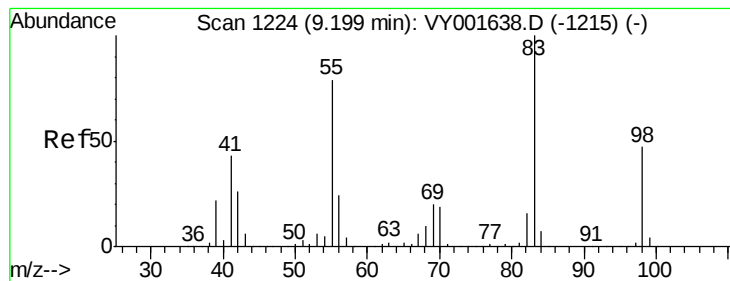
#38
Carbon Tetrachloride
Concen: 19.342 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 117 Resp: 57712
Ion Ratio Lower Upper
117 100
119 96.1 74.8 112.2
121 33.5 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 19.682 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

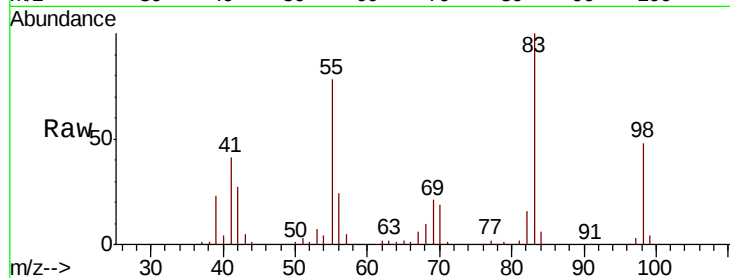
Tot Ion: 83 Resp: 88702

Ion Ratio Lower Upper

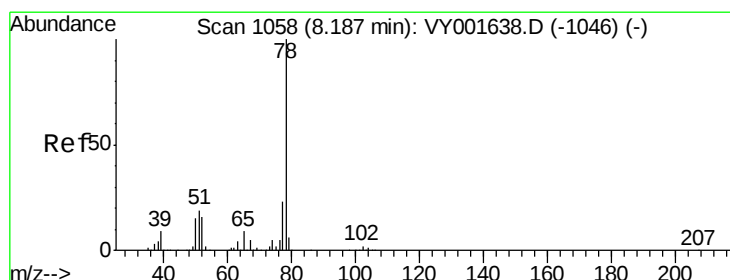
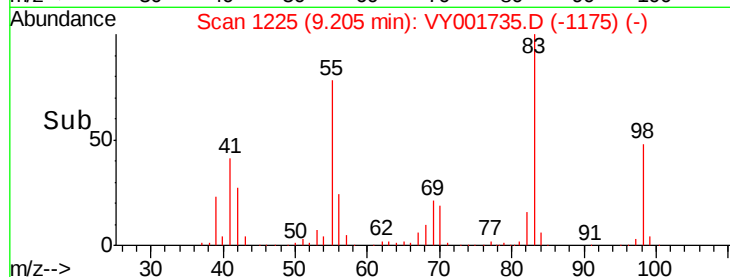
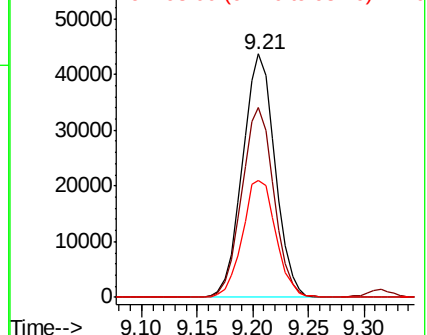
83 100

55 77.9 61.3 91.9

98 48.0 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: 19.952 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VY001735.D

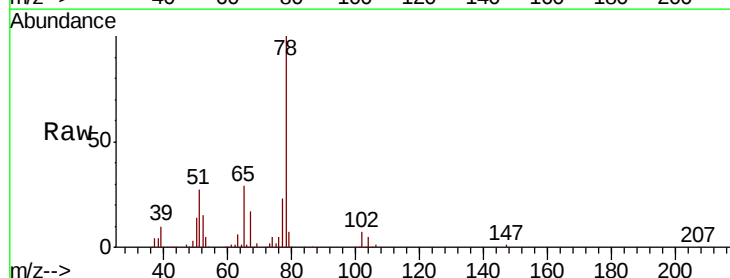
Acq: 21 Feb 2020 12:29

Tgt Ion: 78 Resp: 199336

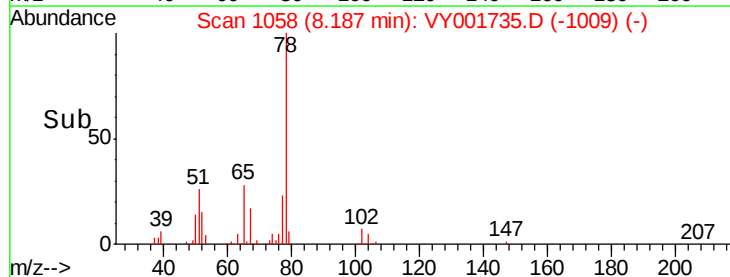
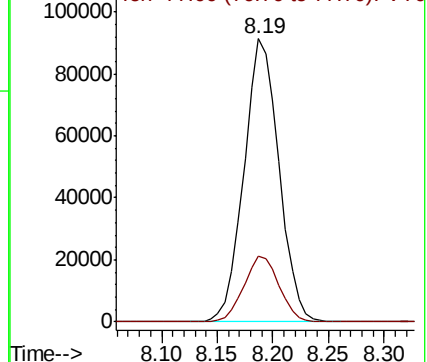
Ion Ratio Lower Upper

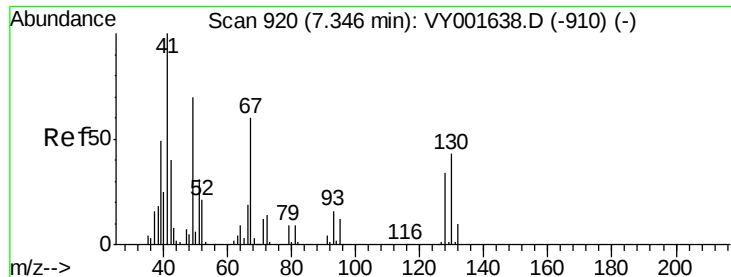
78 100

77 23.3 18.2 27.4



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

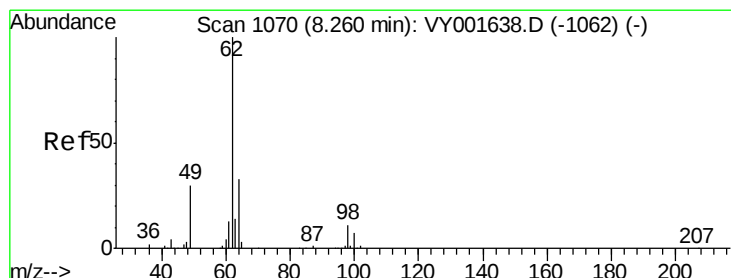
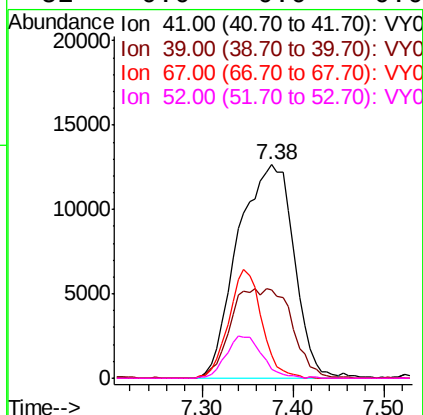
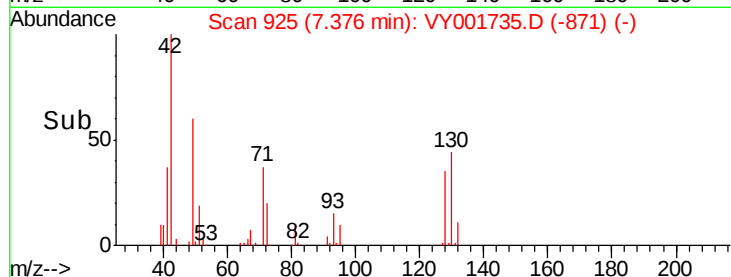
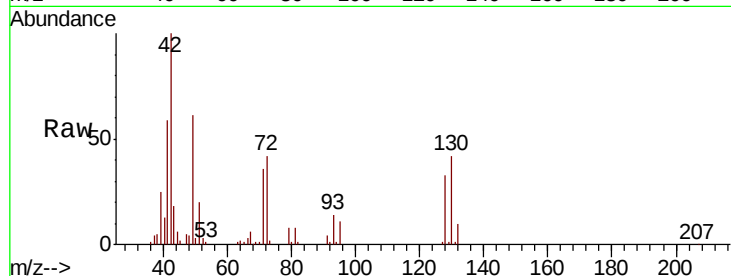




#41
Methacrylonitrile
Concen: 53.311 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.03 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

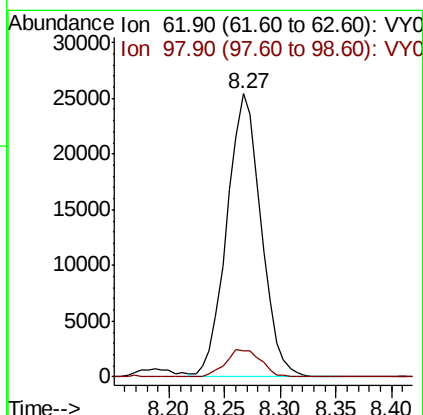
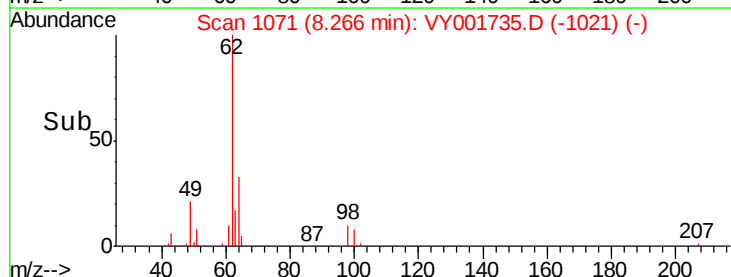
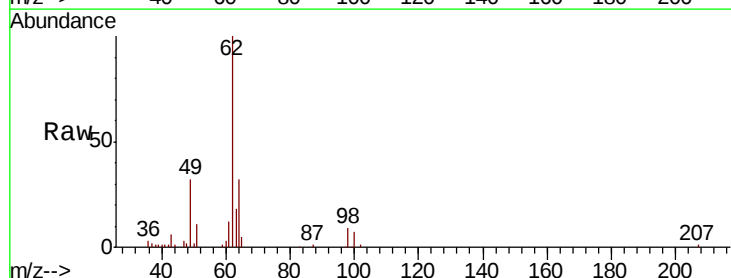
Instrument :
MSVOA_Y
ClientSampleId :

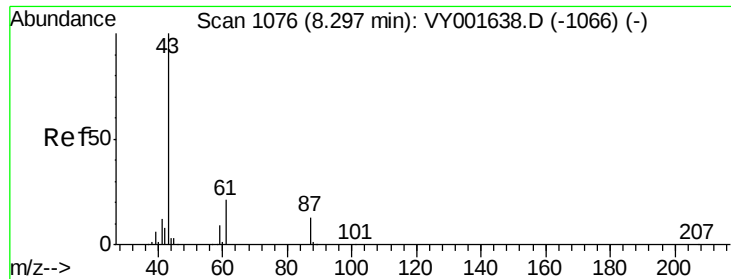
Tot Ion: 41 Resp: 54272
Ion Ratio Lower Upper
41 100
39 23.9 36.0 54.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.895 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 62 Resp: 54149
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8

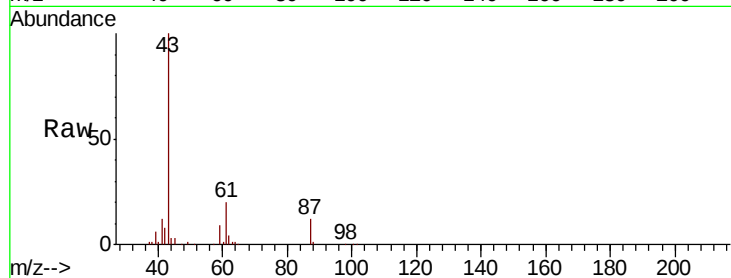




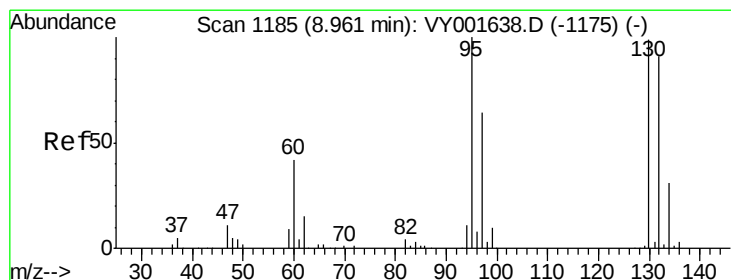
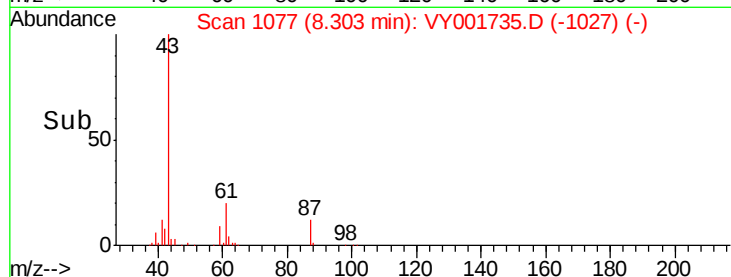
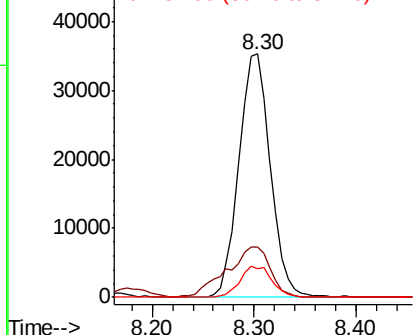
#43
Isopropyl Acetate
Concen: 19.694 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 75760
Ion Ratio Lower Upper
43 100
61 28.6 23.0 34.4
87 13.0 10.7 16.1

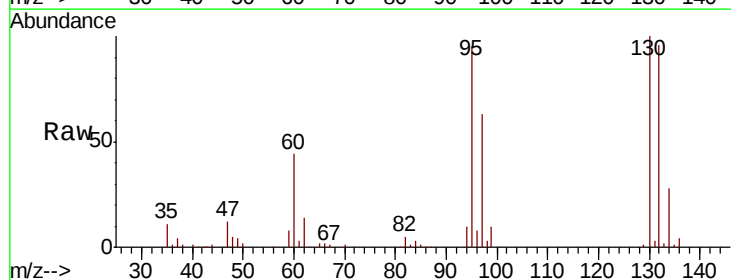


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

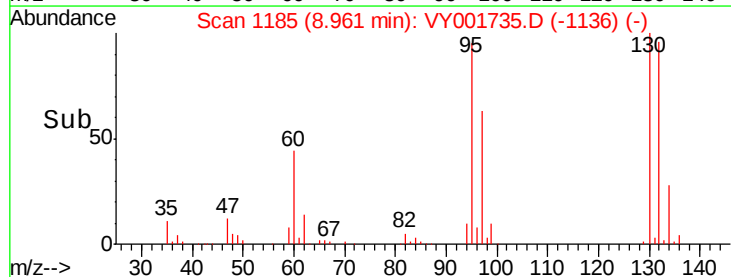
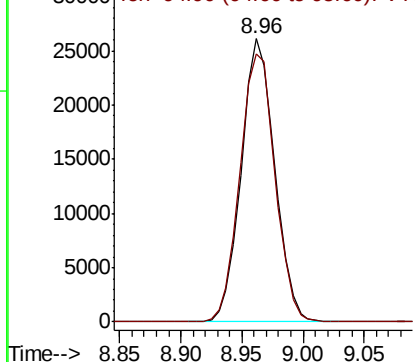


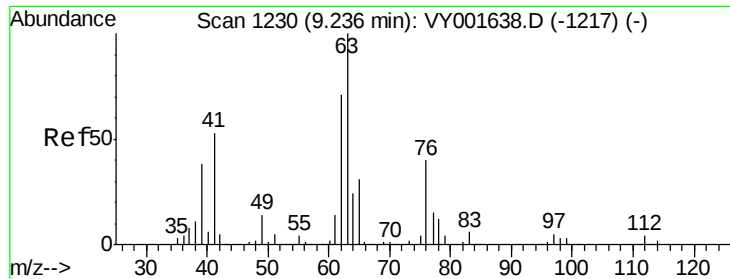
#44
Trichloroethene
Concen: 19.927 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion:130 Resp: 49698
Ion Ratio Lower Upper
130 100
95 94.7 0.0 200.6



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

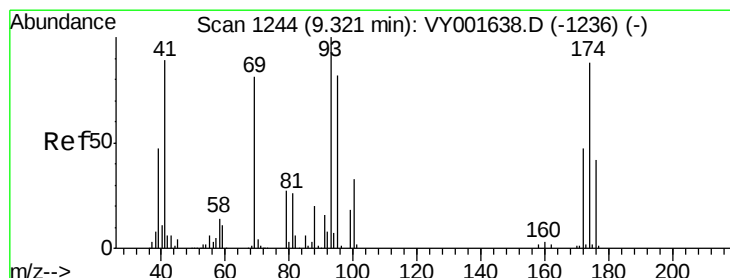
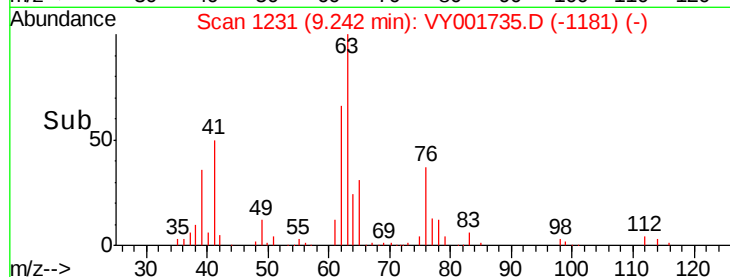
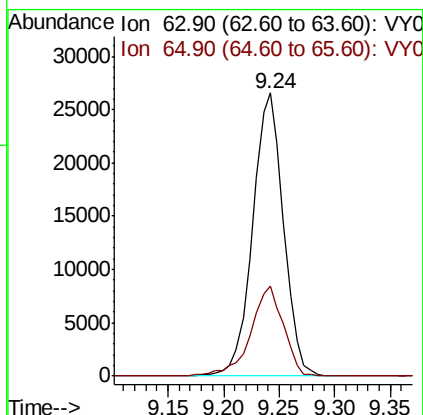
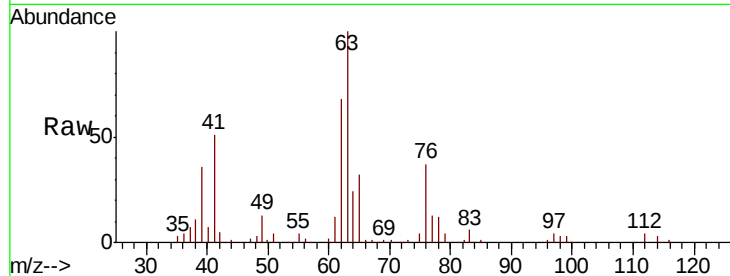




#45
 1,2-Dichloropropane
 Concen: 20.439 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

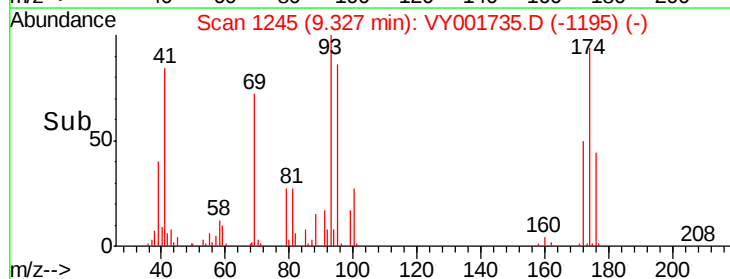
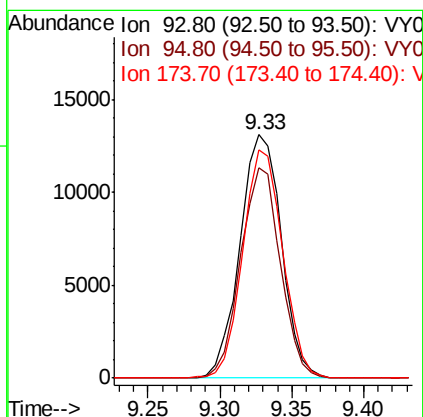
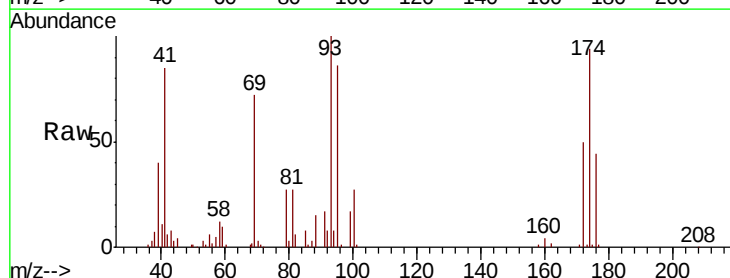
Instrument :
 MSVOA_Y
 ClientSampleId :

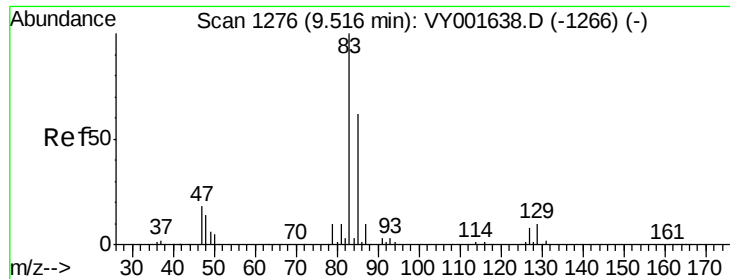
Tot Ion: 63 Resp: 51140
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0



#46
 Dibromomethane
 Concen: 19.908 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 93 Resp: 26053
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.1 99.1
 174 90.6 72.5 108.7





#47

Bromodichloromethane

Concen: 19.693 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

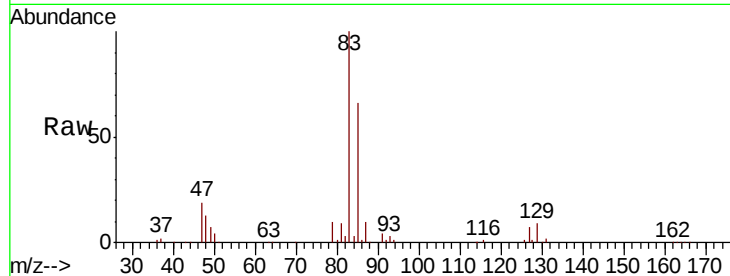
Tot Ion: 83 Resp: 62199

Ion Ratio Lower Upper

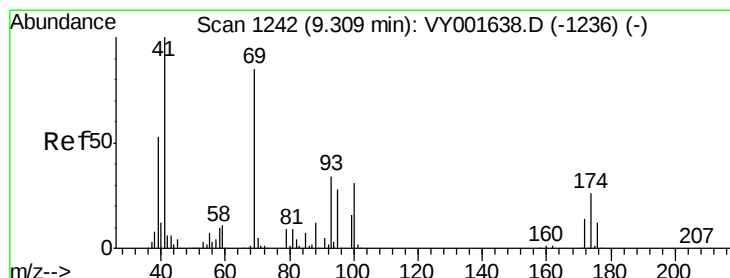
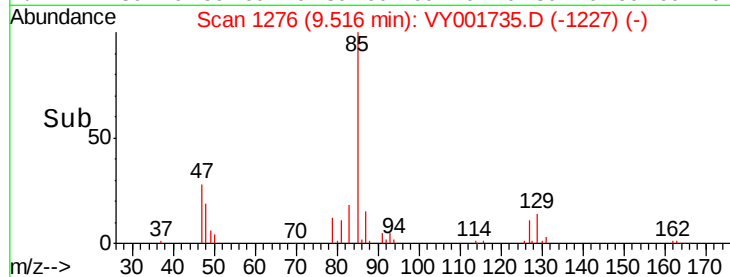
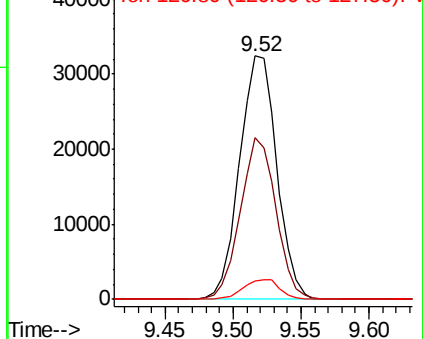
83 100

85 66.2 51.4 77.0

127 7.3 6.4 9.6



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: 19.636 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

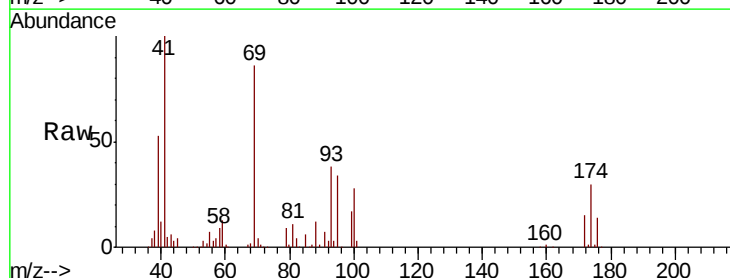
Tgt Ion: 41 Resp: 34162

Ion Ratio Lower Upper

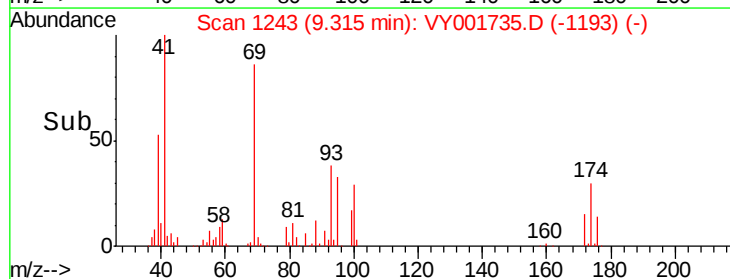
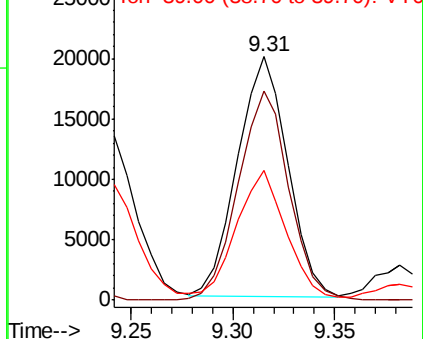
41 100

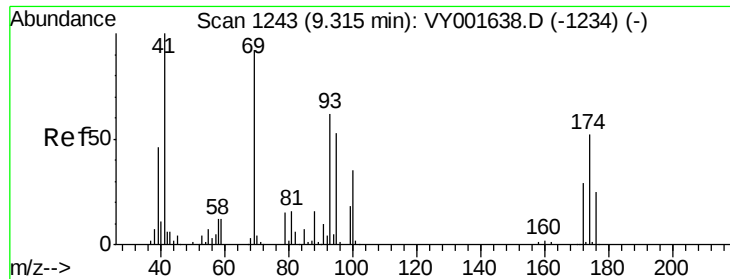
69 88.0 70.7 106.1

39 53.9 42.2 63.2



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: 352.199 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :
MSVOA_Y
ClientSampleId :

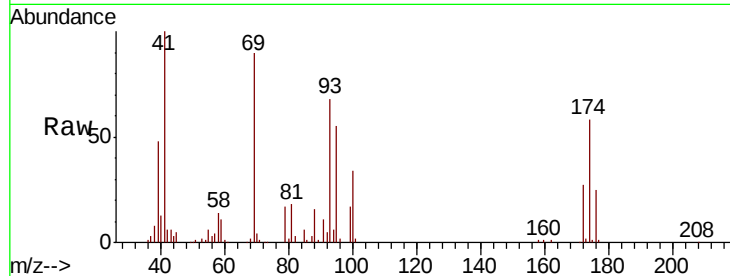
Tot Ion: 88 Resp: 6510

Ion Ratio Lower Upper

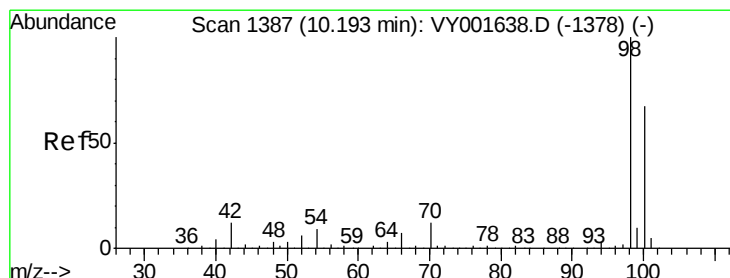
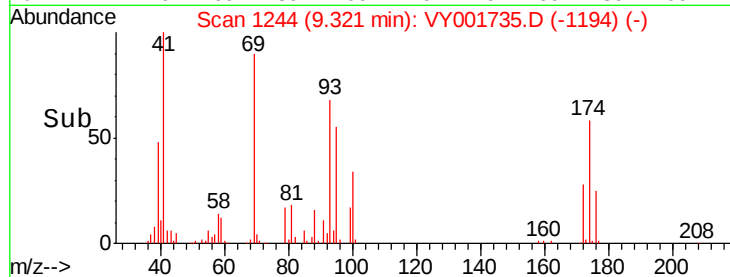
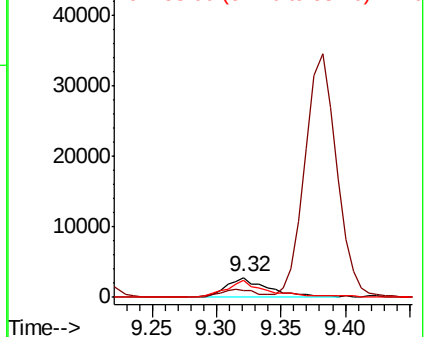
88 100

43 35.2 23.1 34.7#

58 75.1 58.1 87.1



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: 50.088 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001735.D

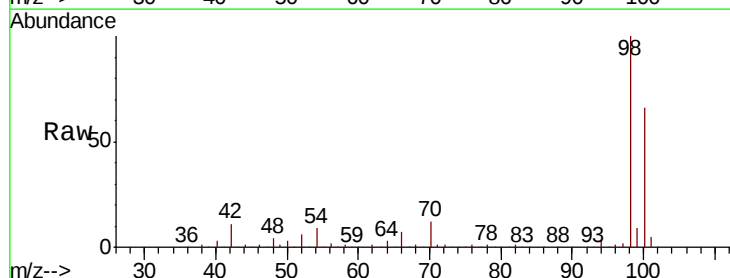
Acq: 21 Feb 2020 12:29

Tgt Ion: 98 Resp: 399707

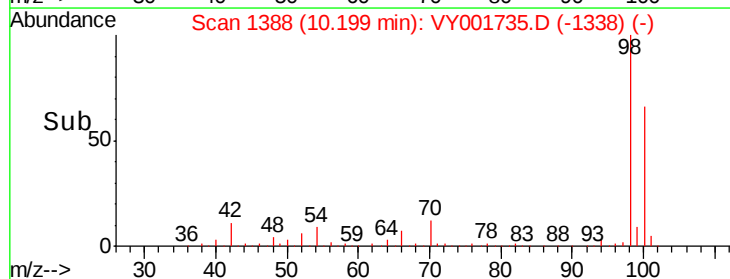
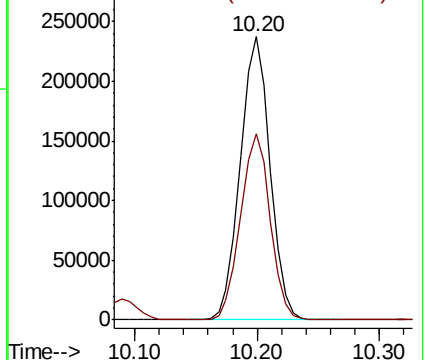
Ion Ratio Lower Upper

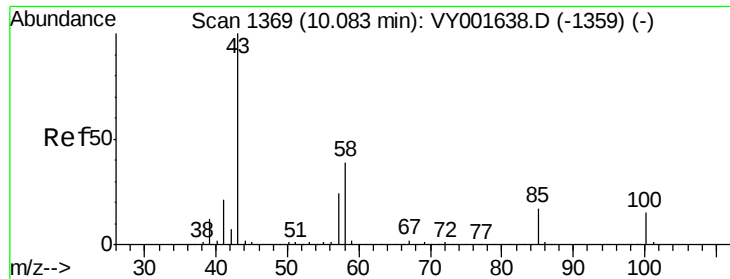
98 100

100 65.5 53.0 79.4



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

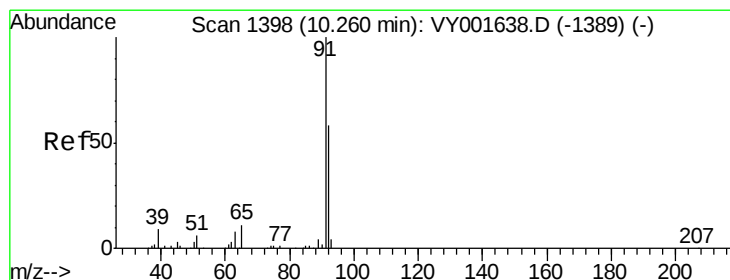
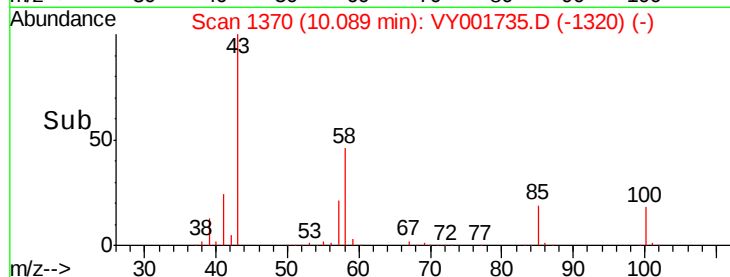
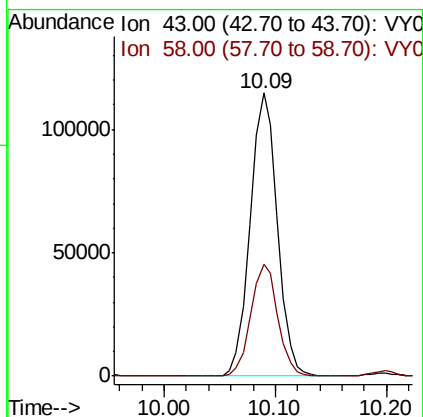
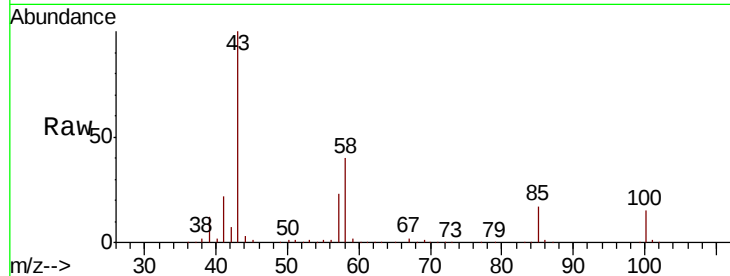




#51
4-Methyl-2-Pentanone
Concen: 98.369 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

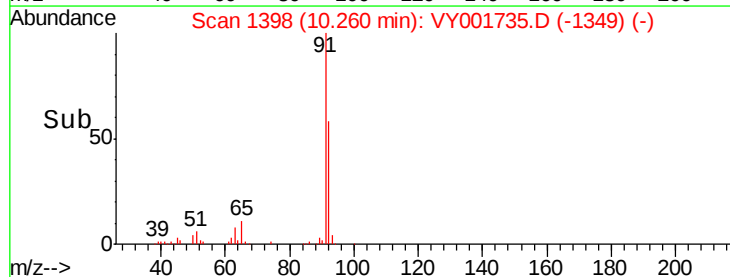
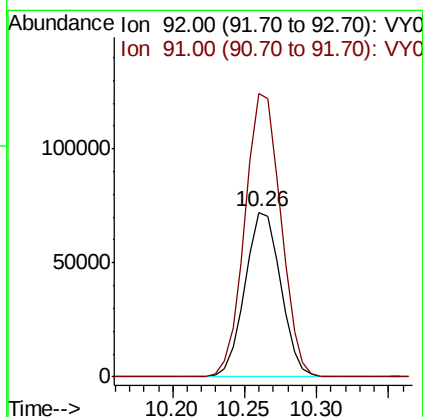
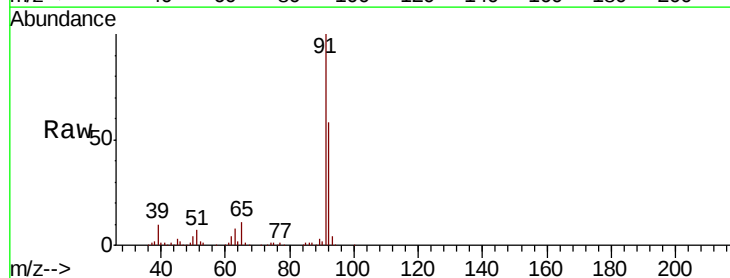
Instrument :
MSVOA_Y
ClientSampled :

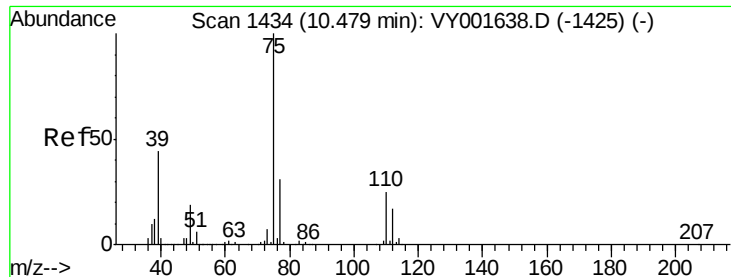
Tot Ion: 43 Resp: 194427
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.4



#52
Toluene
Concen: 19.919 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 92 Resp: 124136
Ion Ratio Lower Upper
92 100
91 172.8 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 19.808 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

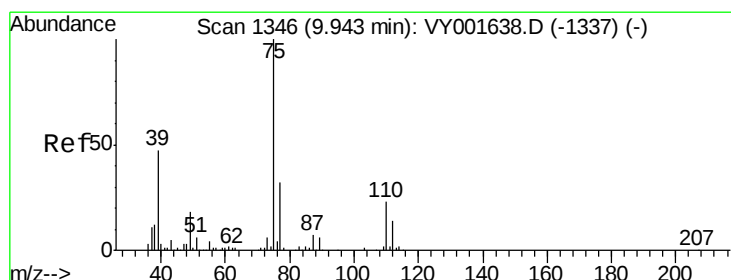
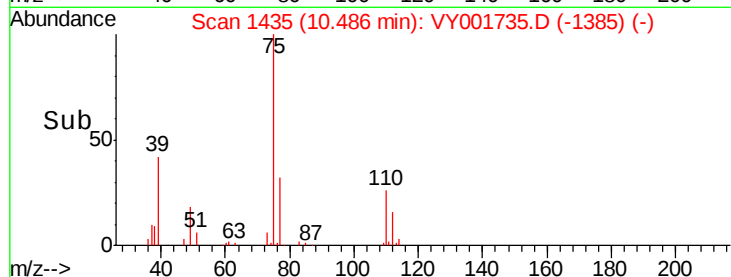
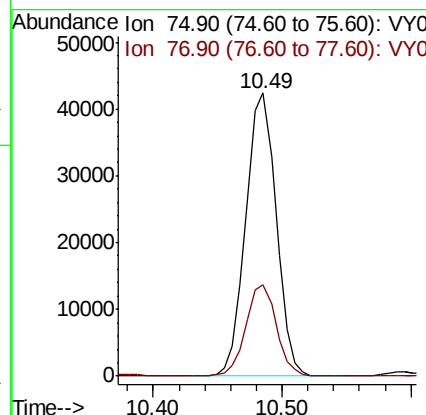
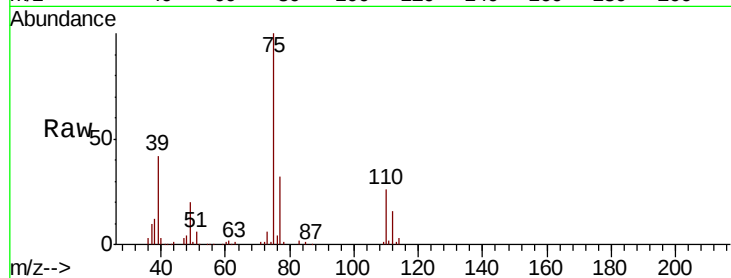
ClientSampleId :

Tot Ion: 75 Resp: 69163

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.656 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

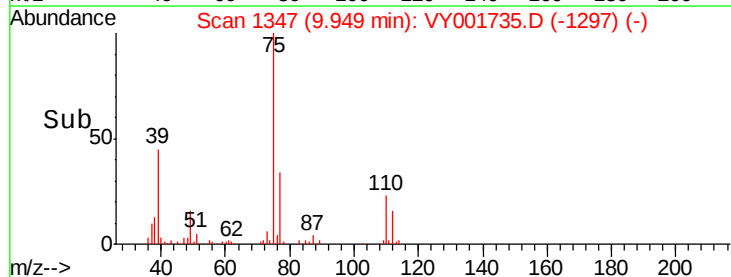
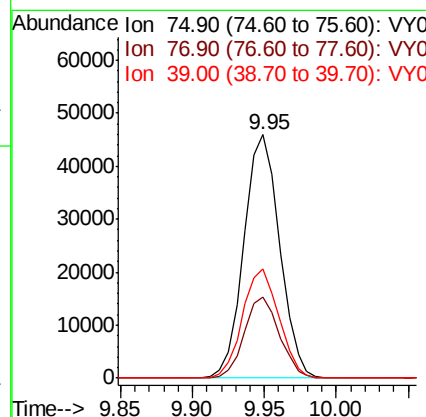
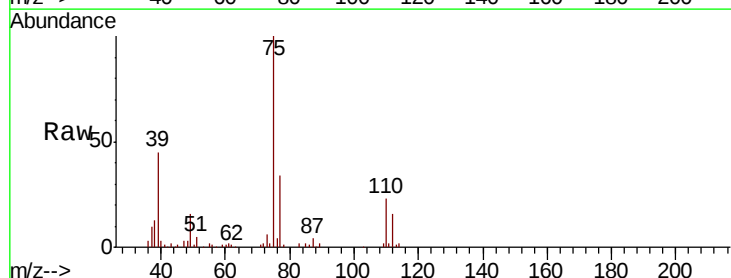
Tgt Ion: 75 Resp: 78992

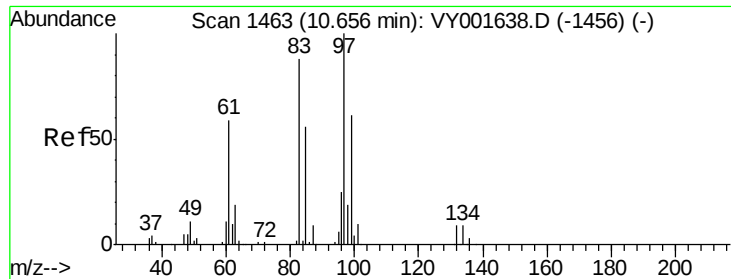
Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5

39 44.8 35.7 53.5

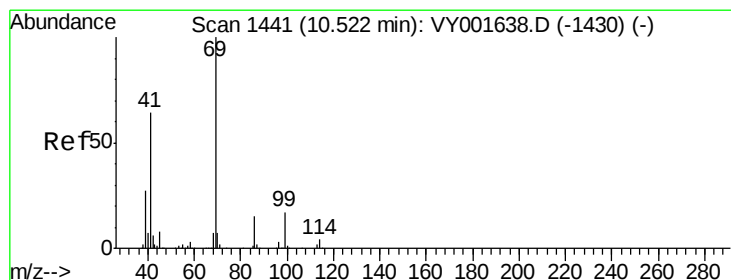
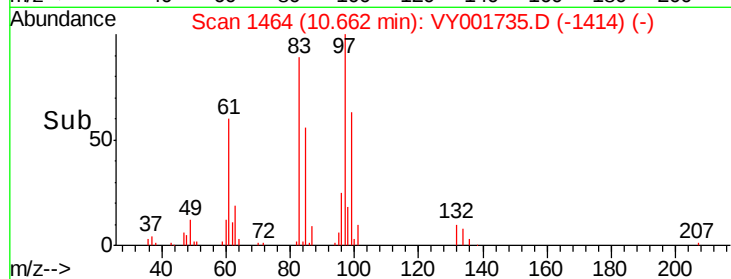
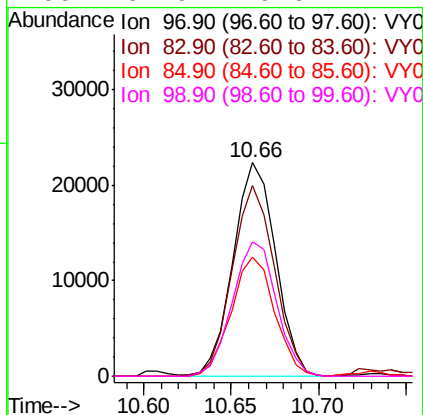
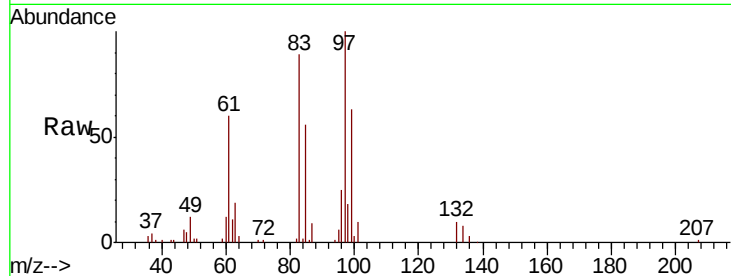




#55
 1,1,2-Trichloroethane
 Concen: 19.680 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

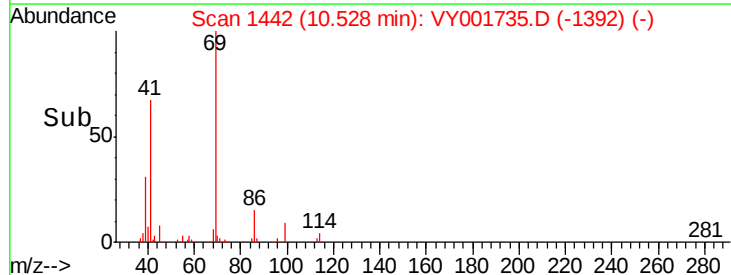
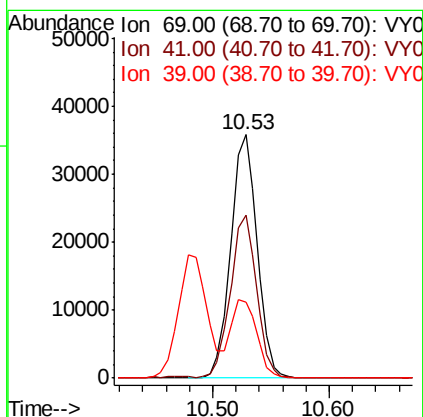
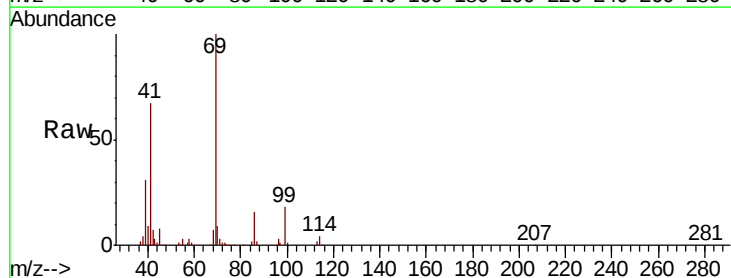
Instrument :
 MSVOA_Y
 ClientSampleId :

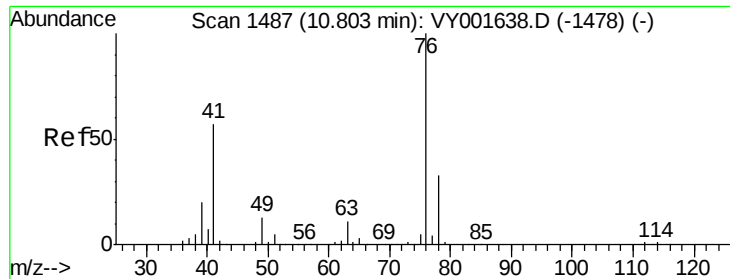
Tot Ion:	97	Resp:	37977
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.7	104.5
85	55.5	44.5	66.7
99	62.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.557 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion:	69	Resp:	56617
Ion	Ratio	Lower	Upper
69	100		
41	66.7	51.0	76.4
39	33.5	24.7	37.1





#57

1,3-Dichloropropane

Concen: 20.009 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

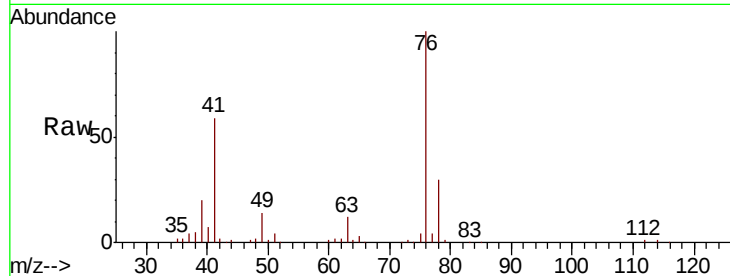
ClientSampleId :

Tot Ion: 76 Resp: 68607

Ion Ratio Lower Upper

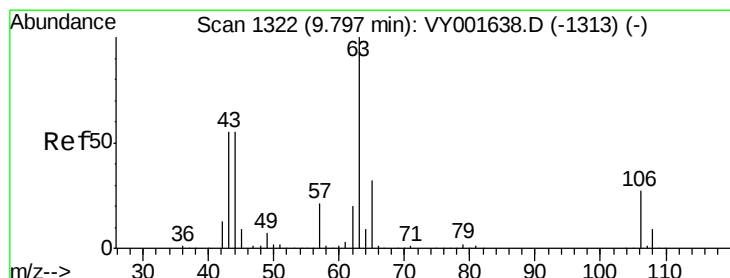
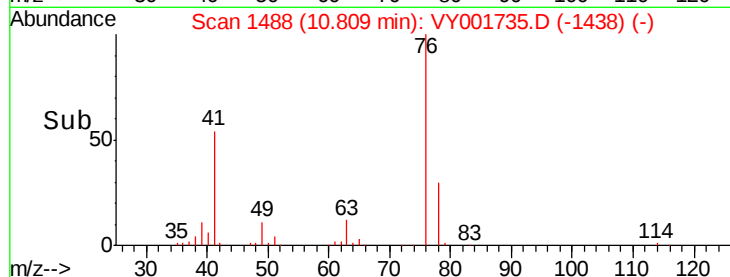
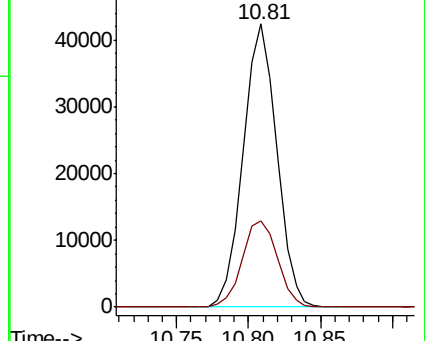
76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 125.277 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001735.D

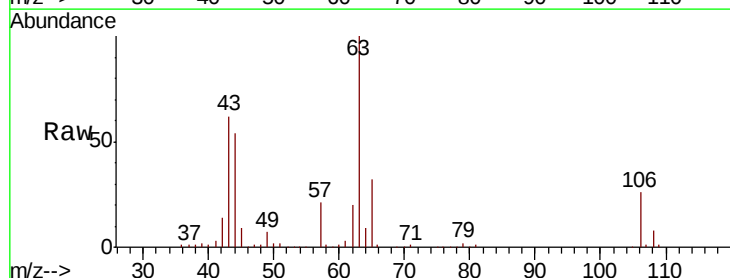
Acq: 21 Feb 2020 12:29

Tgt Ion: 63 Resp: 146775

Ion Ratio Lower Upper

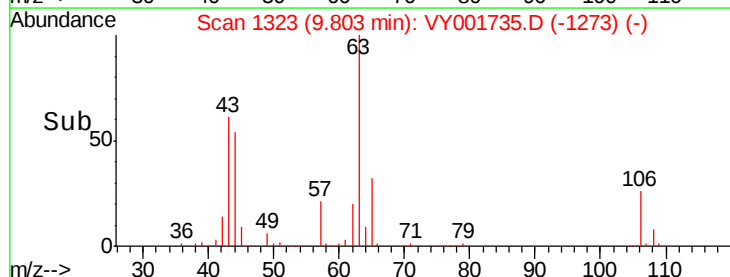
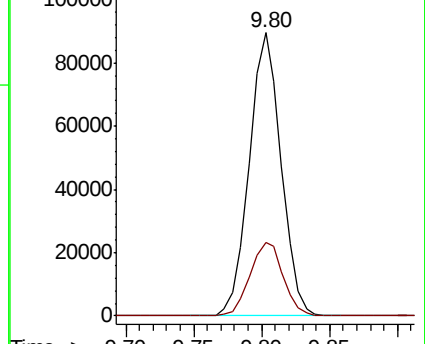
63 100

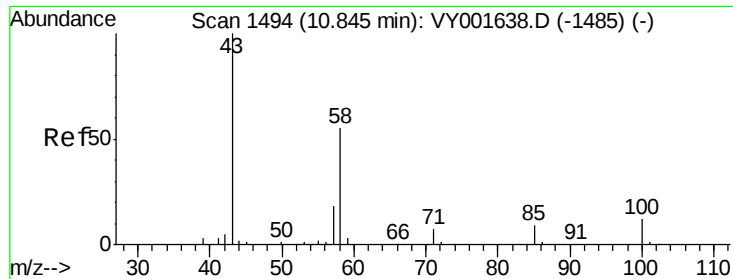
106 27.1 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

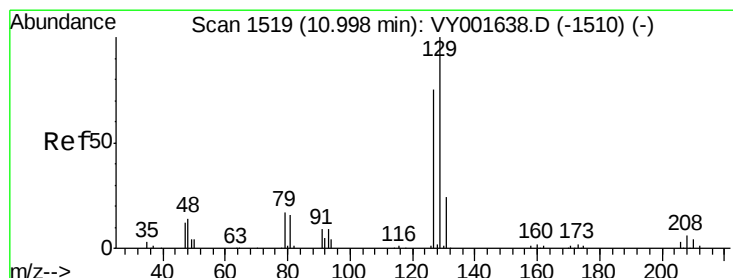
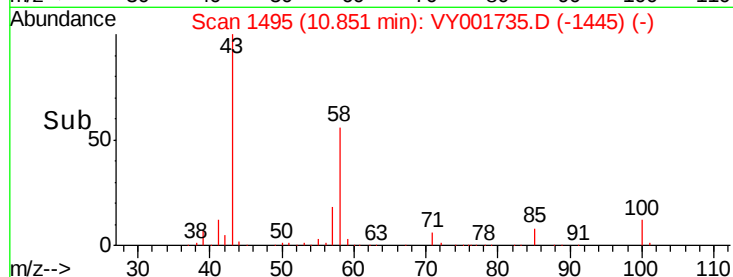
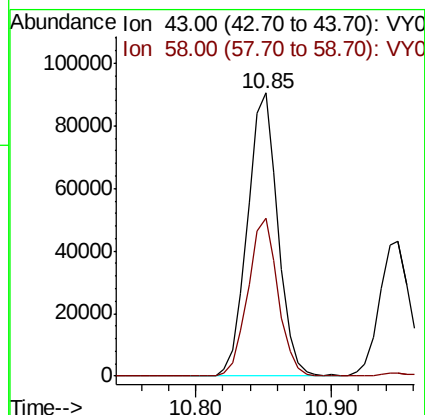
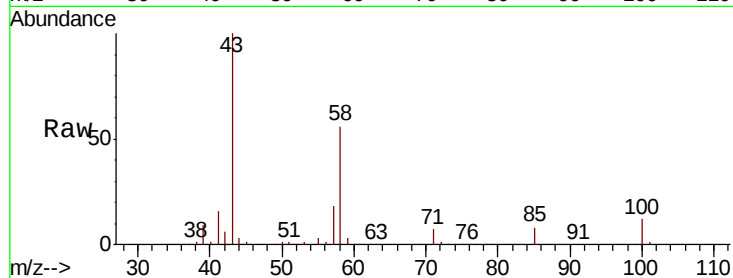




#59
2-Hexanone
Concen: 95.379 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

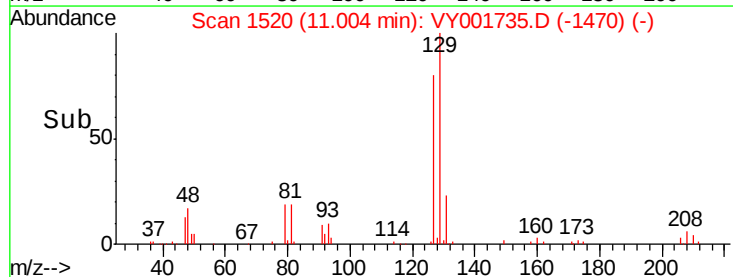
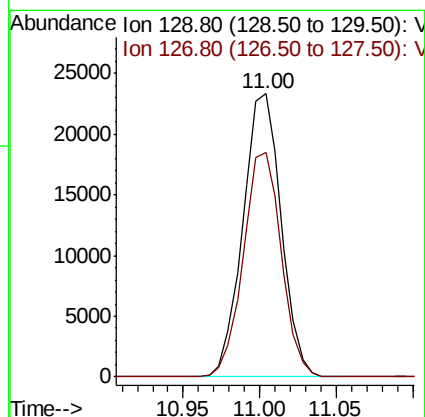
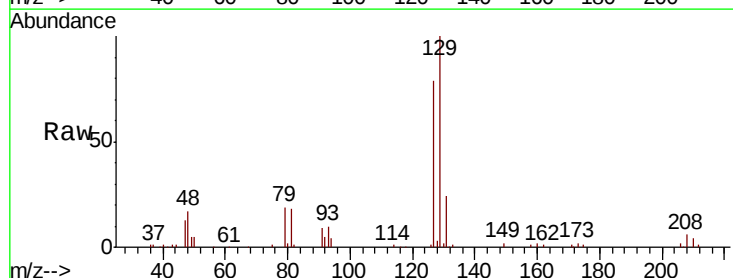
Instrument :
MSVOA_Y
ClientSampled :

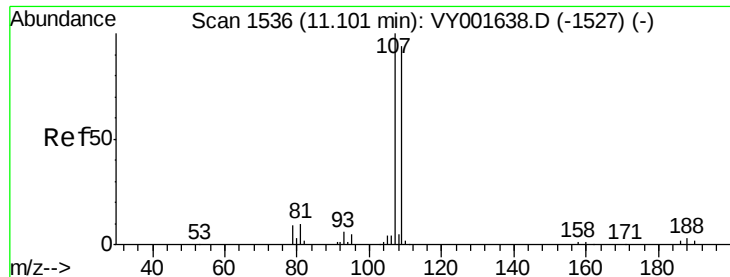
Tot Ion: 43 Resp: 141448
Ion Ratio Lower Upper
43 100
58 55.1 28.4 85.2



#60
Dibromochloromethane
Concen: 19.061 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 129 Resp: 40552
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

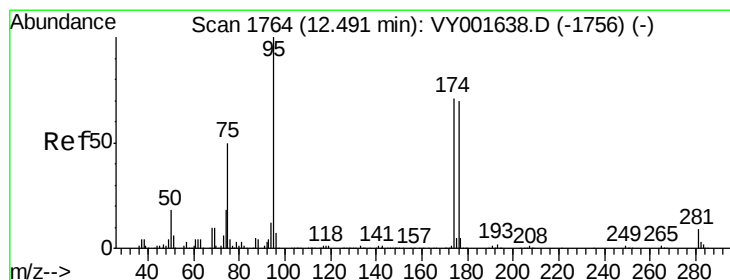
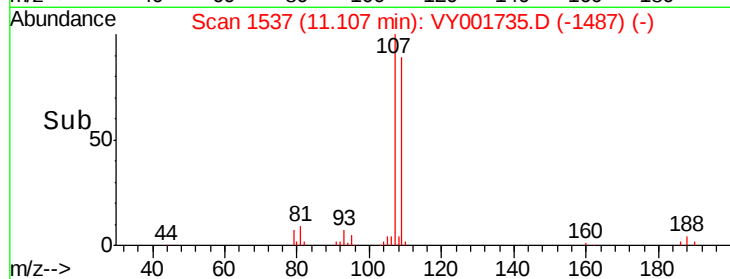
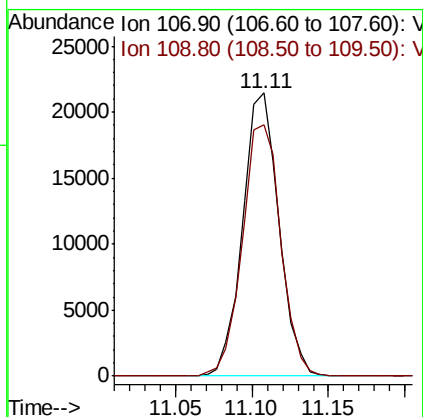
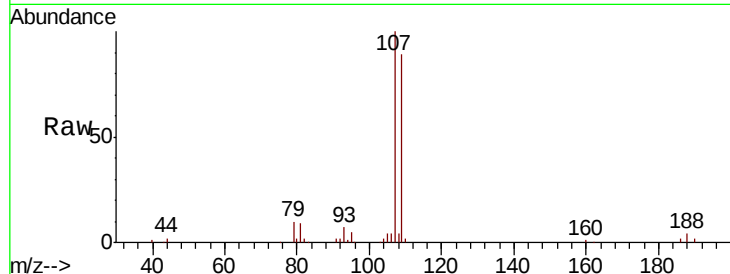




#61
 1,2-Dibromoethane
 Concen: 19.332 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

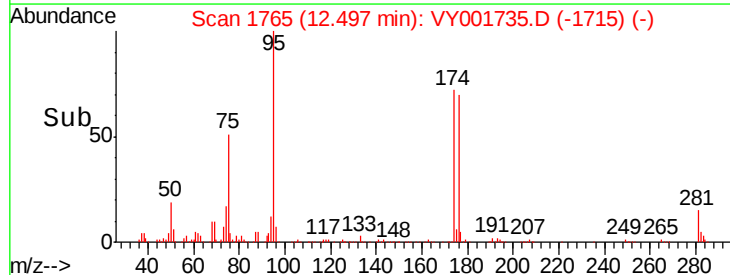
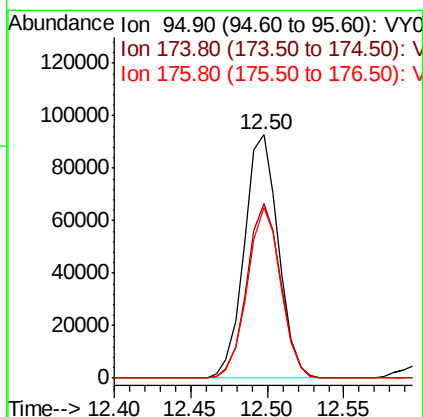
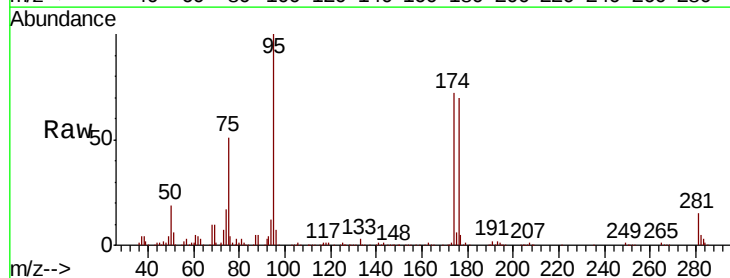
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 35273
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.241 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion: 95 Resp: 143354
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 138.4
 176 68.8 0.0 131.8

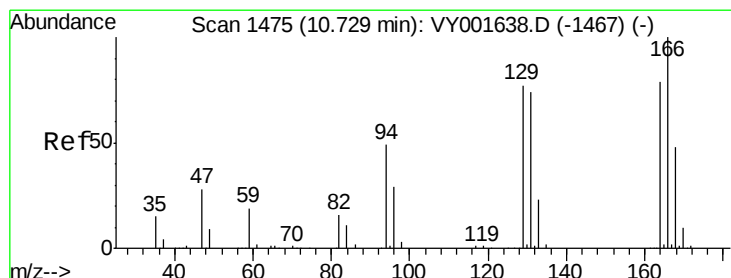
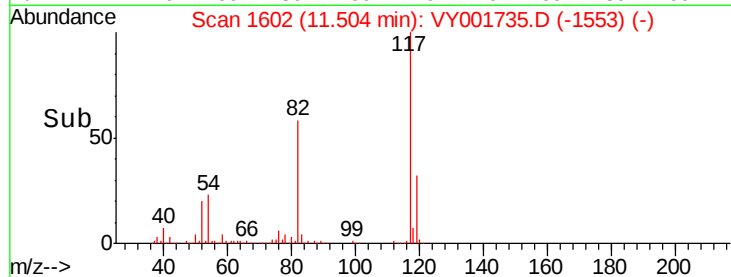
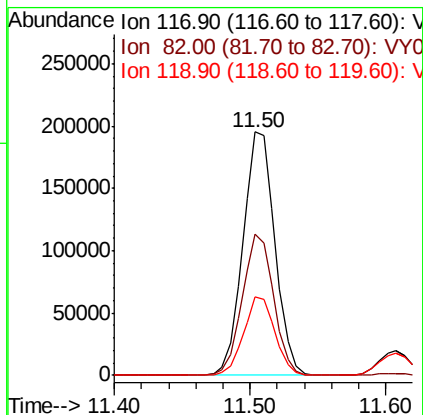
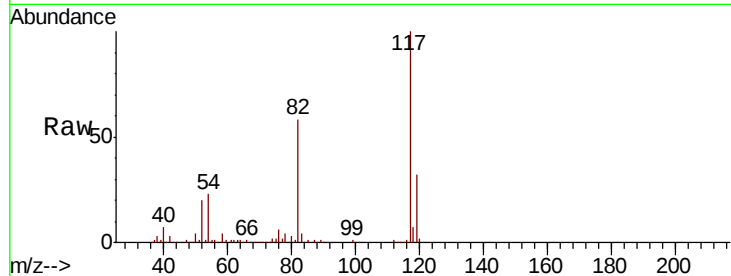




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

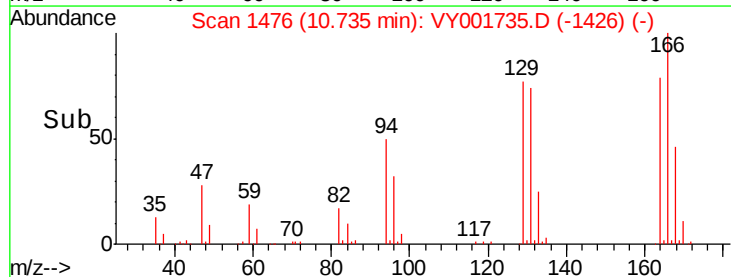
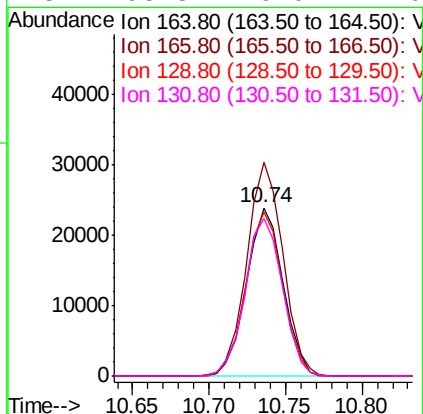
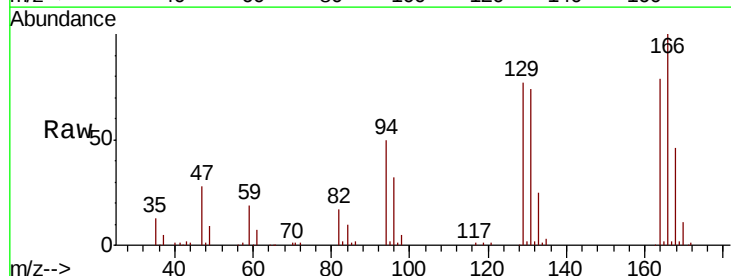
Instrument :
MSVOA_Y
ClientSampled :

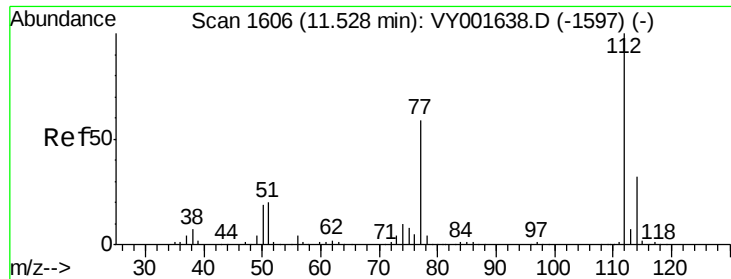
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.5	68.3
119	32.0	25.8	38.6



#64
Tetrachloroethene
Concen: 19.738 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.4	152.0
129	97.5	78.7	118.1
131	93.8	76.0	114.0

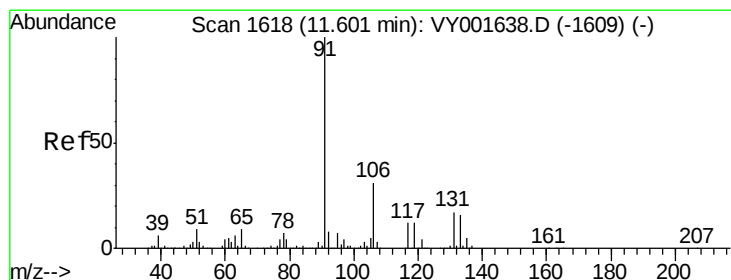
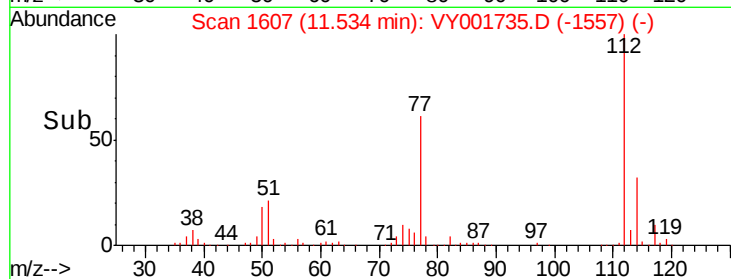
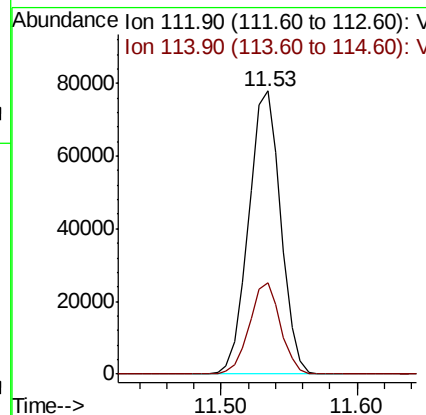
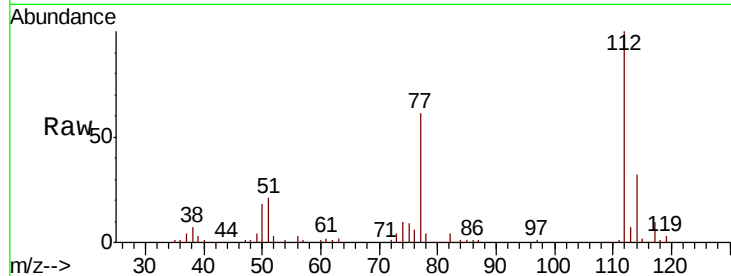




#65
Chlorobenzene
Concen: 20.125 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

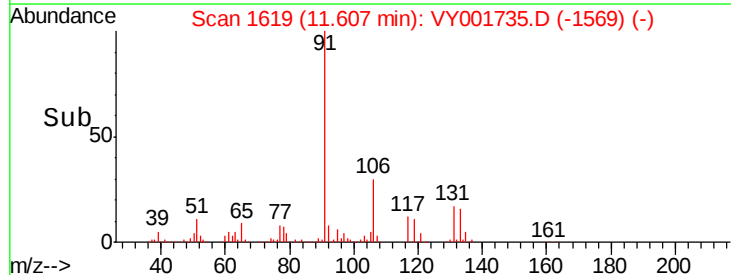
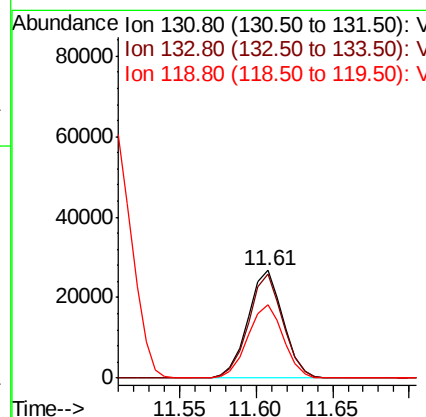
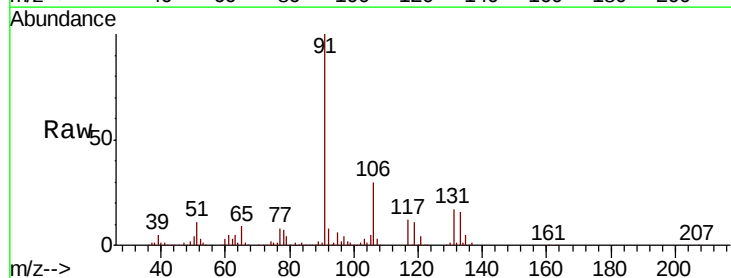
Instrument :
MSVOA_Y
ClientSampleId :

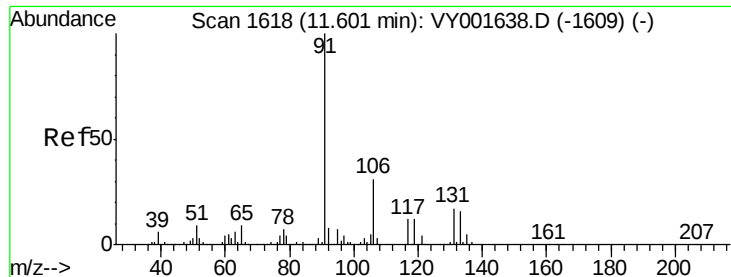
Tot Ion:112 Resp: 128577
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.756 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion:131 Resp: 42576
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 69.1 34.4 103.1

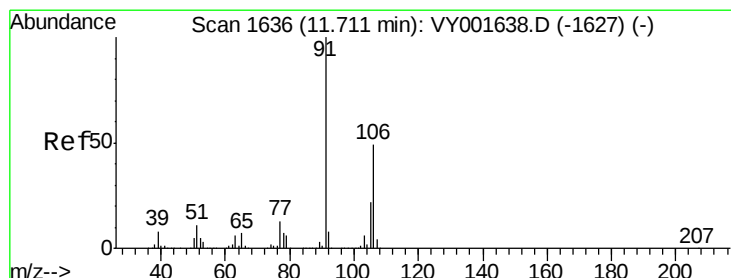
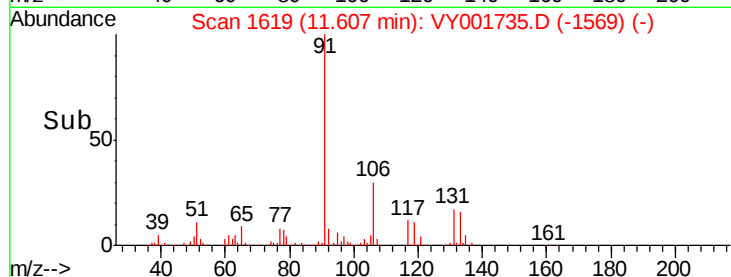
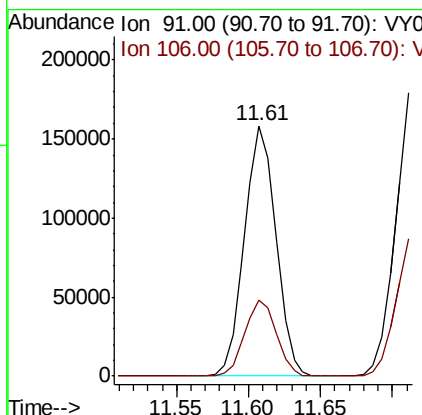
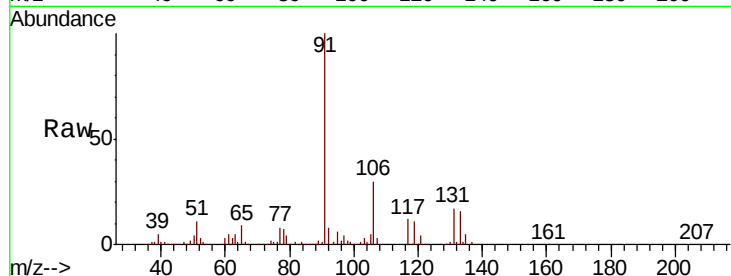




#67
Ethyl Benzene
Concen: 20.284 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

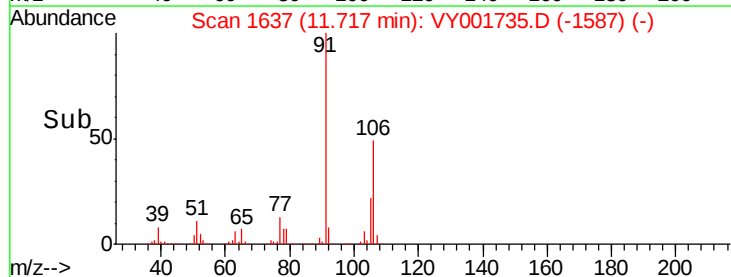
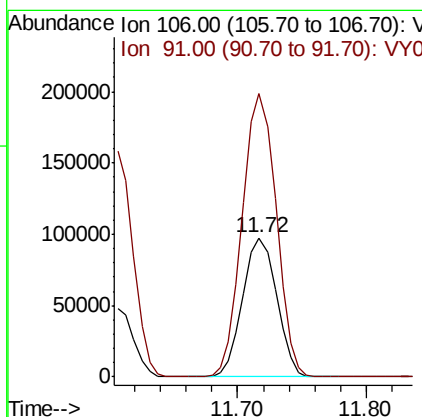
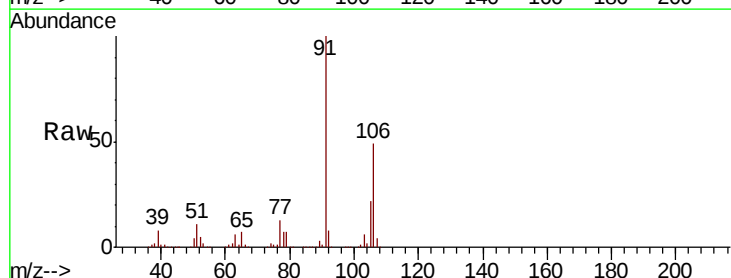
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 240486
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 40.454 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 106 Resp: 179163
Ion Ratio Lower Upper
106 100
91 202.8 163.3 244.9

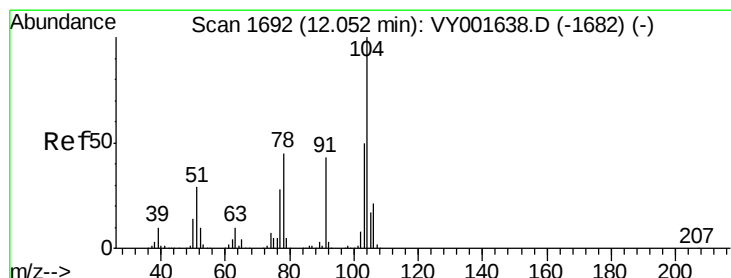
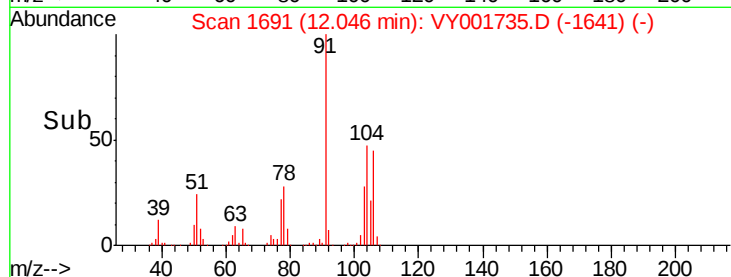
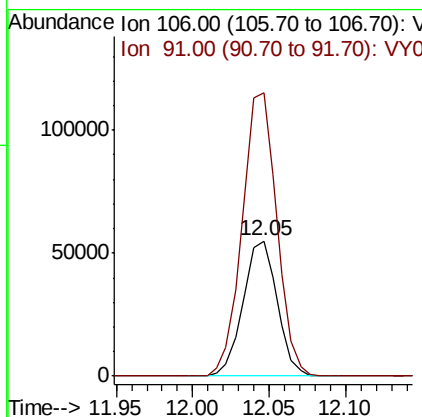
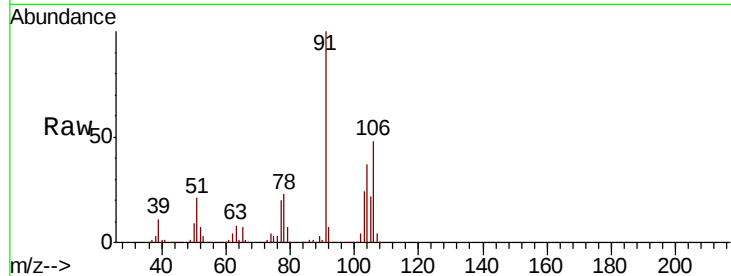




#69
o-Xylene
Concen: 20.263 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

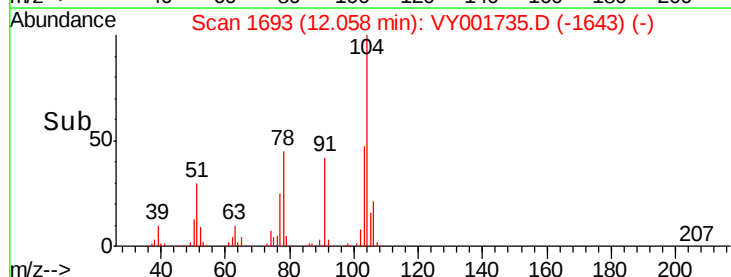
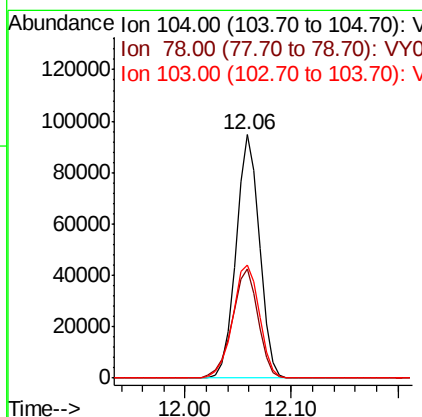
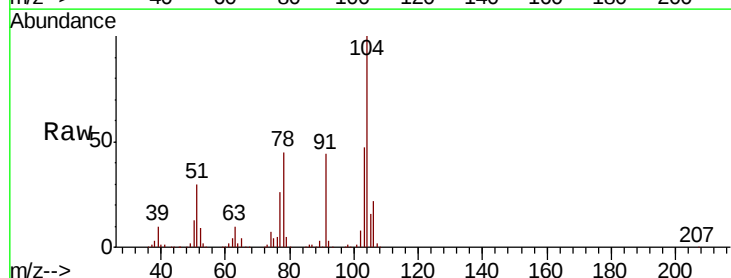
Instrument :
MSVOA_Y
ClientSampled :

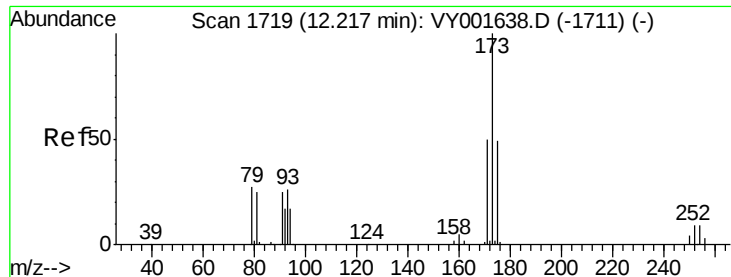
Tot Ion:106 Resp: 85317
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.9



#70
Styrene
Concen: 20.002 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion:104 Resp: 146360
Ion Ratio Lower Upper
104 100
78 49.2 39.2 58.8
103 53.1 43.0 64.6





#71

Bromoform

Concen: 18.645 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

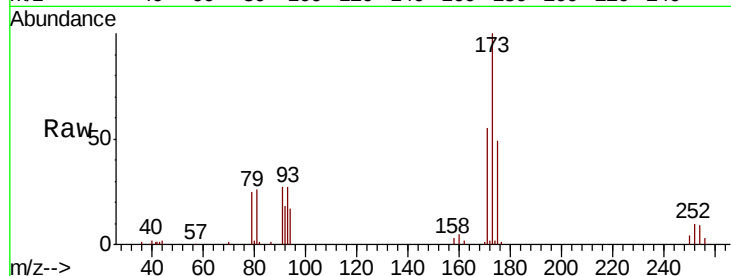
Tot Ion:173 Resp: 22964

Ion Ratio Lower Upper

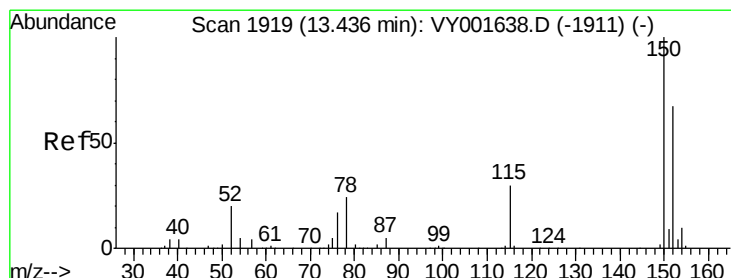
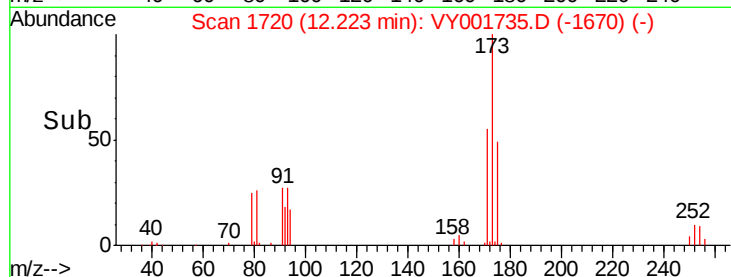
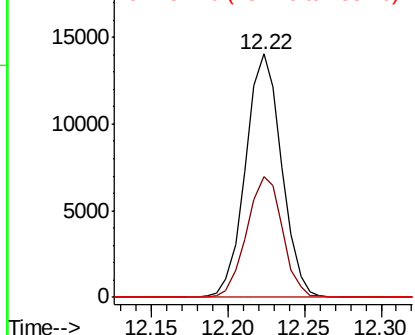
173 100

175 49.2 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

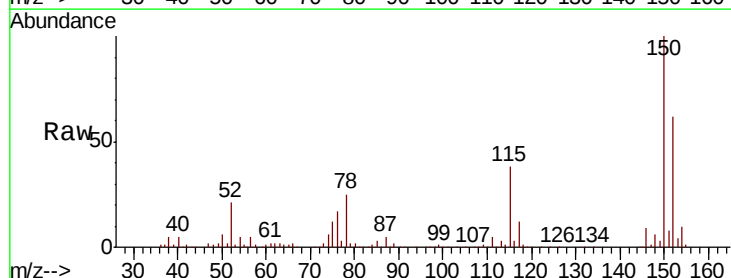
Tgt Ion:152 Resp: 148495

Ion Ratio Lower Upper

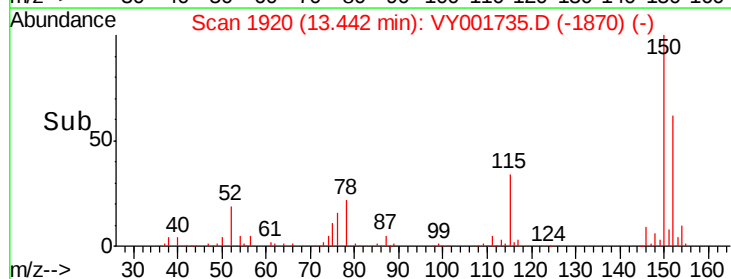
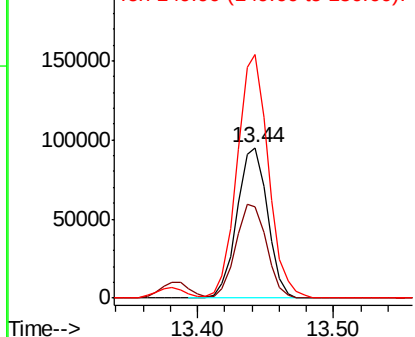
152 100

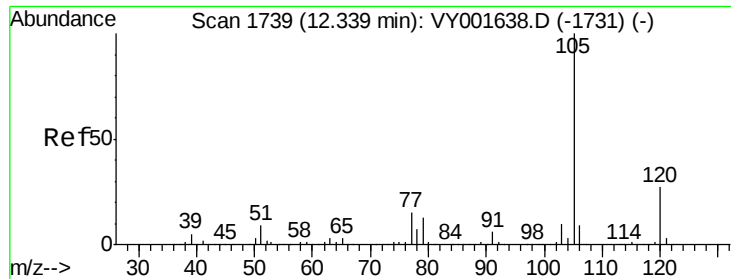
115 63.0 31.4 94.2

150 165.9 0.0 407.2



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





#73

Isopropylbenzene

Concen: 20.170 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

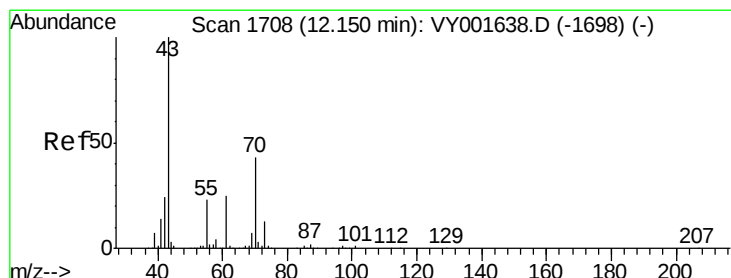
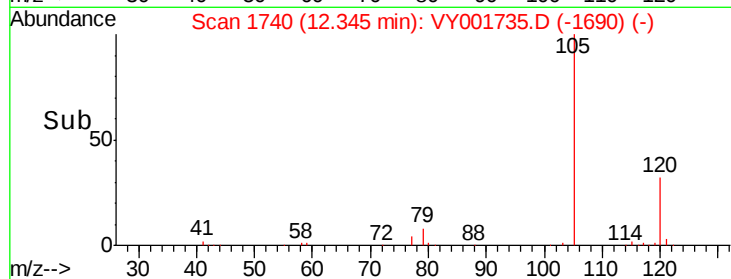
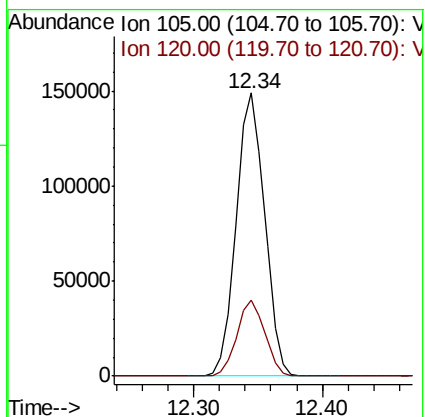
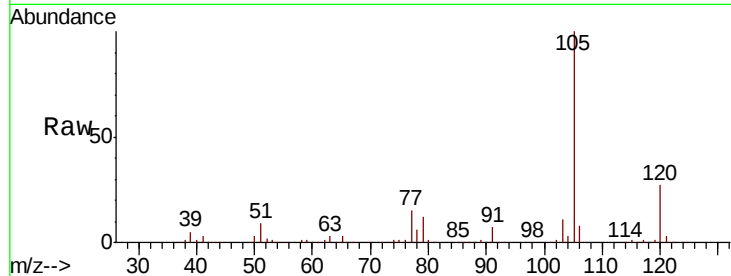
ClientSampleId :

Tot Ion:105 Resp: 228179

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 19.376 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Tgt Ion: 43 Resp: 69954

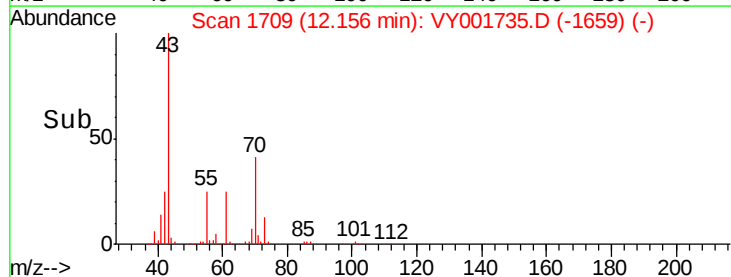
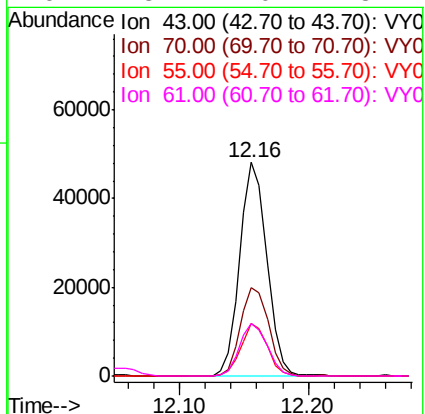
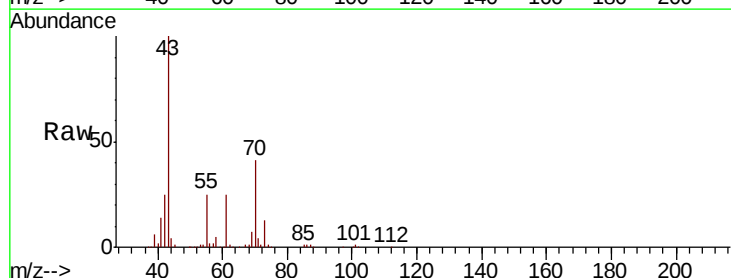
Ion Ratio Lower Upper

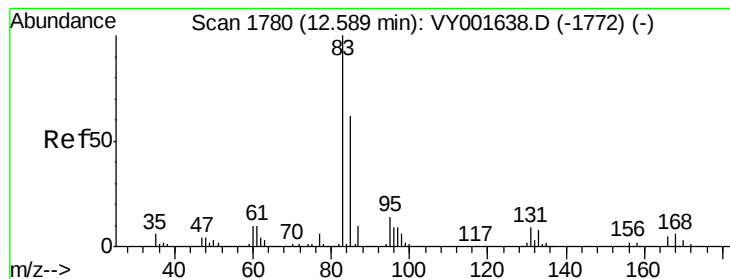
43 100

70 43.1 35.9 53.9

55 24.0 18.3 27.5

61 25.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.821 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

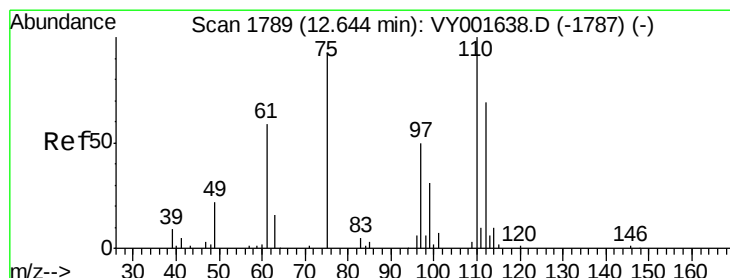
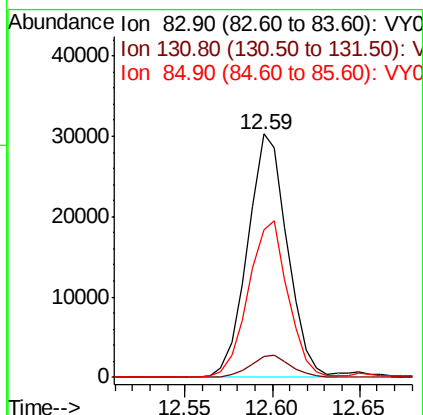
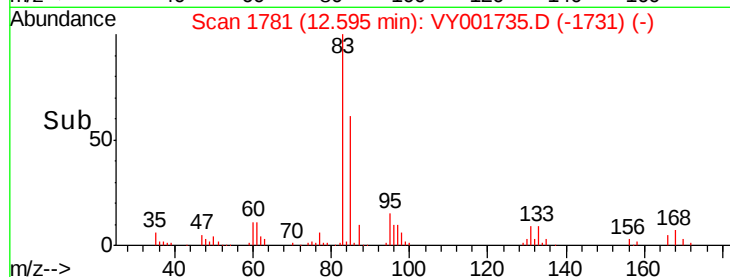
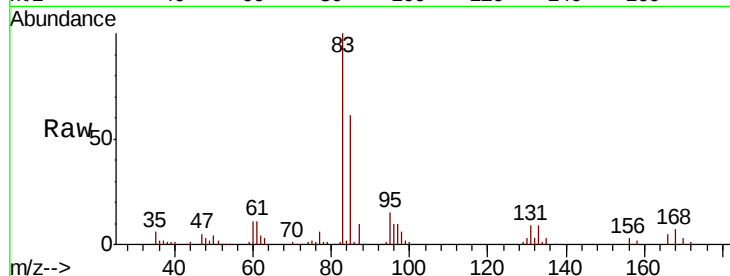
Tot Ion: 83 Resp: 47877

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

85 64.2 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 37.037 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001735.D

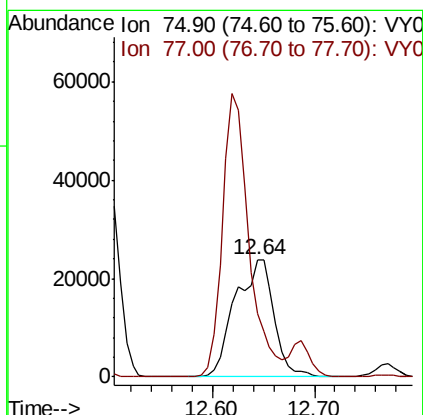
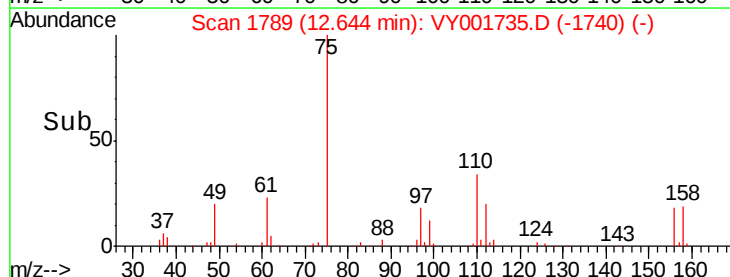
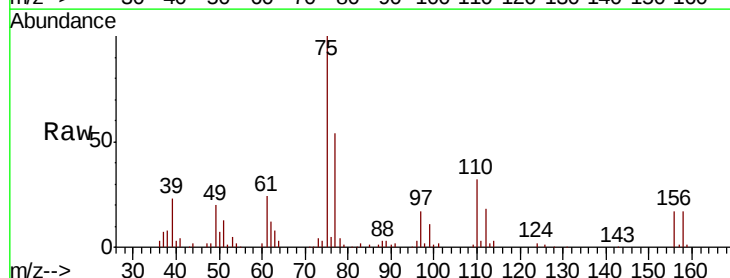
Acq: 21 Feb 2020 12:29

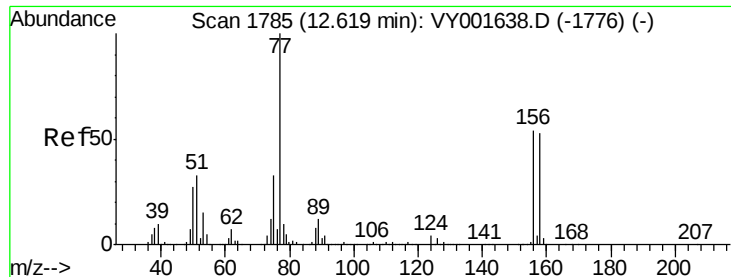
Tgt Ion: 75 Resp: 63090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.066 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

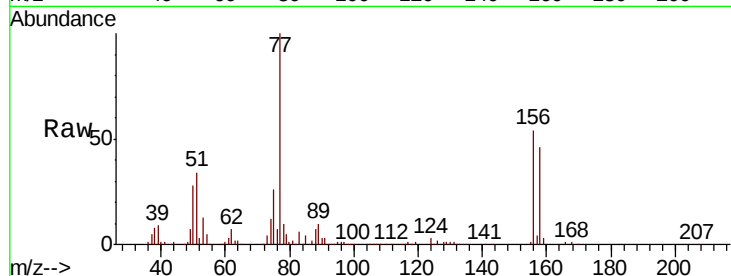
Tot Ion:156 Resp: 49209

Ion Ratio Lower Upper

156 100

77 212.4 110.1 330.1

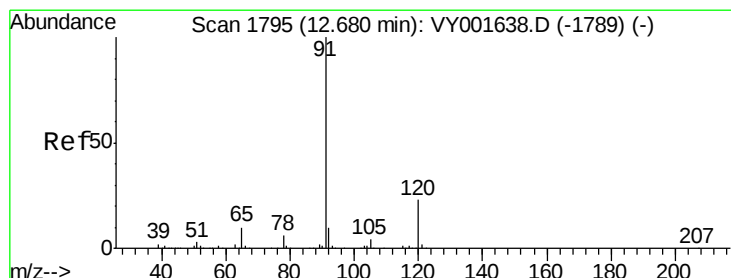
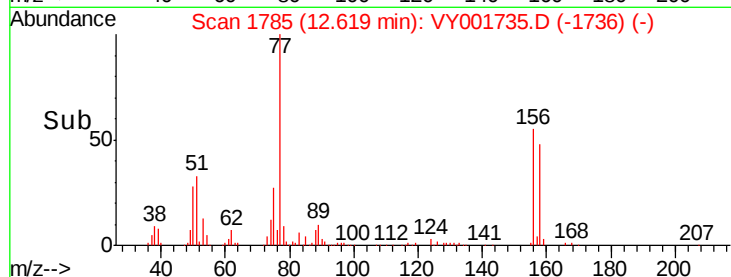
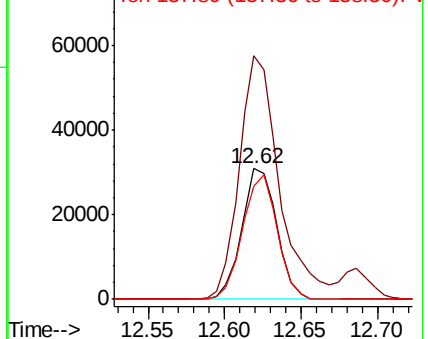
158 94.0 47.9 143.7



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: 20.535 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001735.D

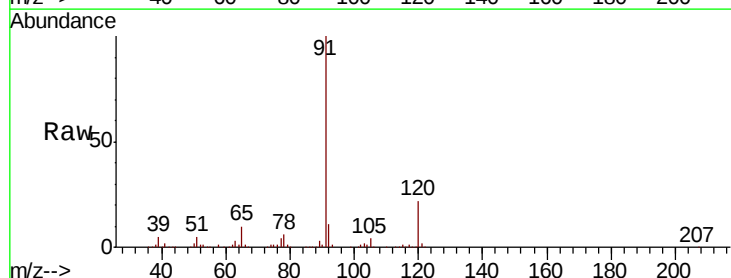
Acq: 21 Feb 2020 12:29

Tgt Ion: 91 Resp: 282930

Ion Ratio Lower Upper

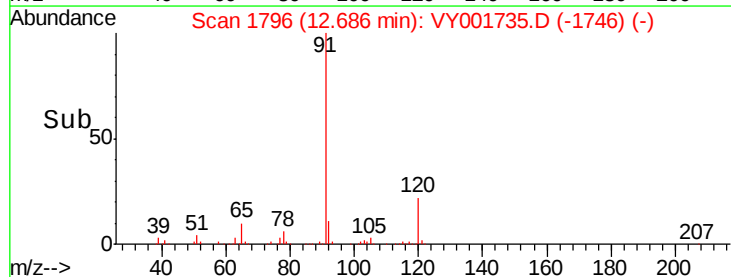
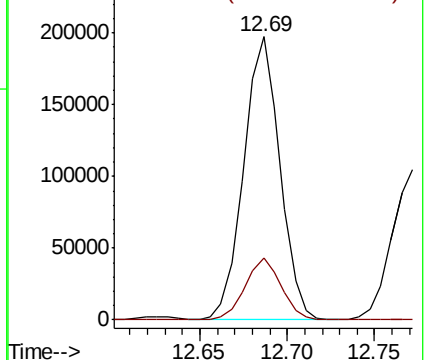
91 100

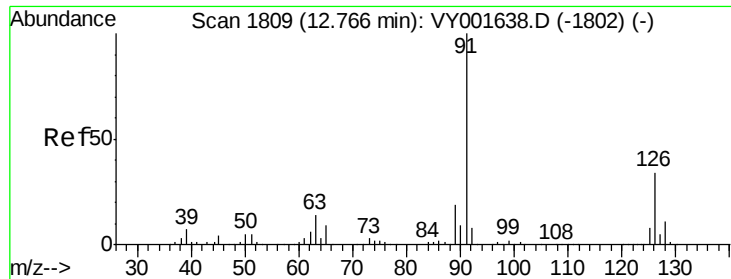
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

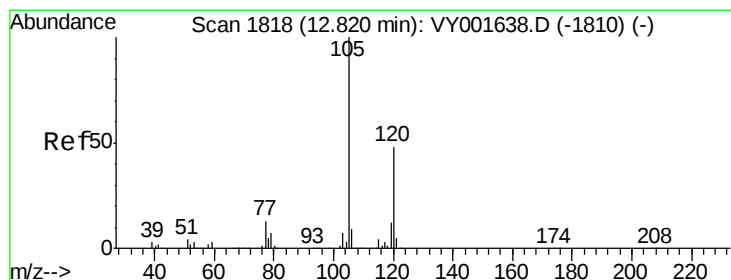
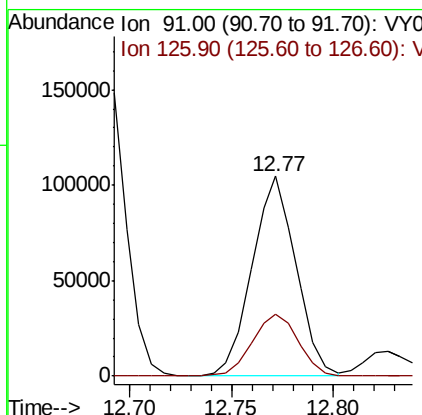
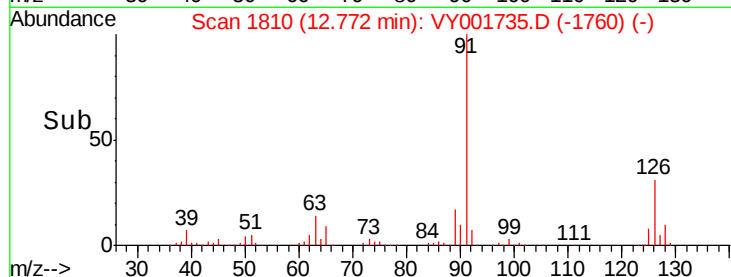
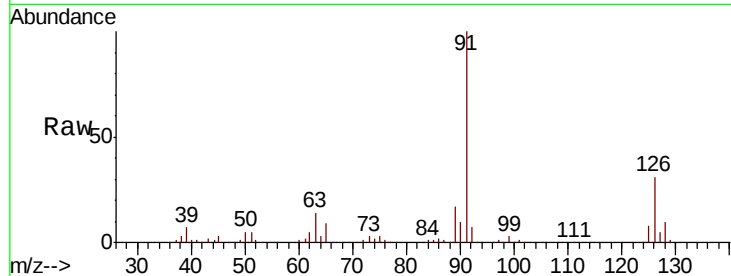




#79
 2-Chlorotoluene
 Concen: 20.269 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

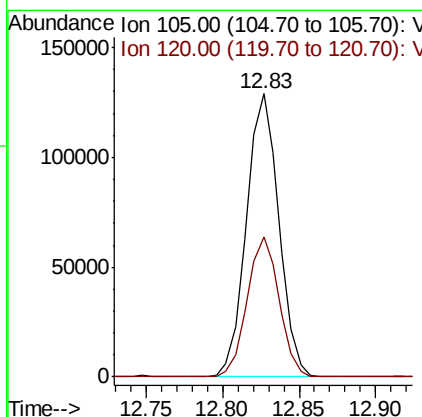
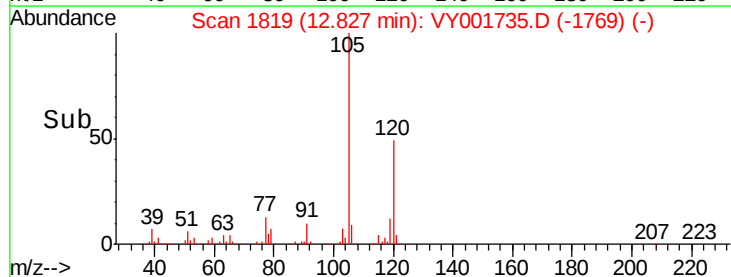
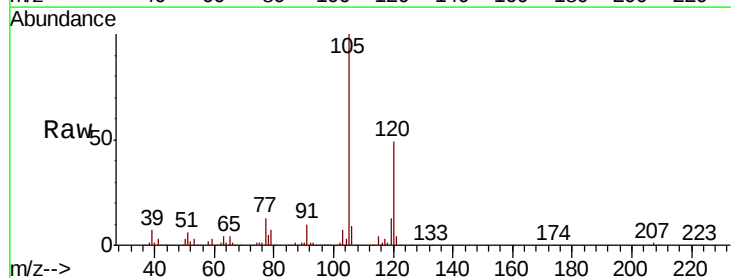
Instrument :
 MSVOA_Y
 ClientSampleId :

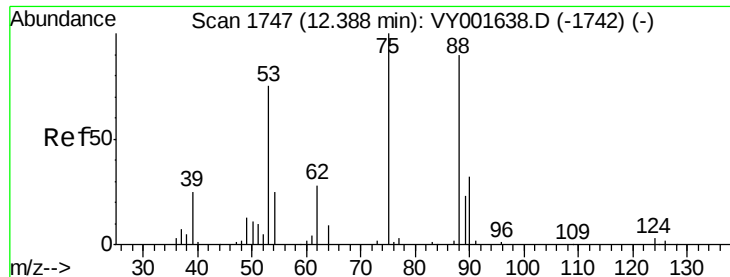
Tot Ion: 91 Resp: 156627
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.302 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion:105 Resp: 190113
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.204 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

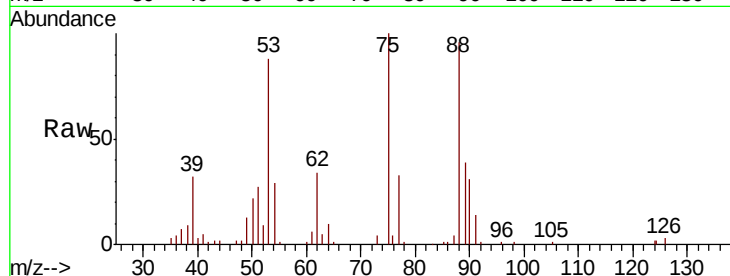
Tot Ion: 75 Resp: 17243

Ion Ratio Lower Upper

75 100

53 87.3 64.5 96.7

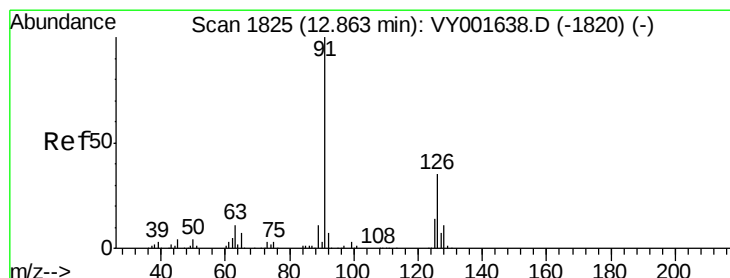
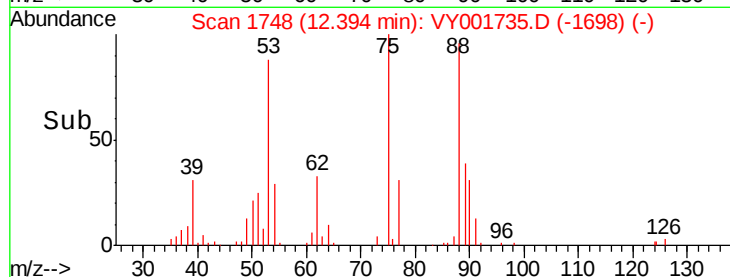
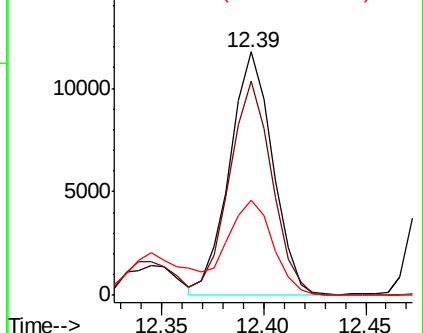
89 41.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.367 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001735.D

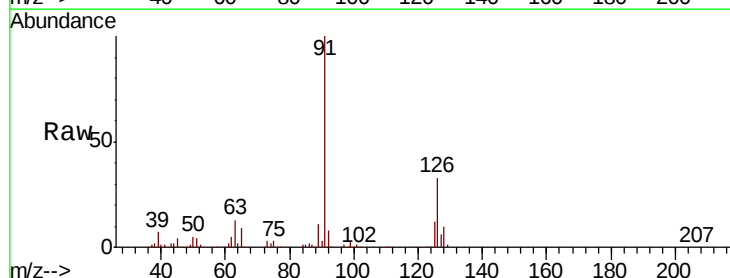
Acq: 21 Feb 2020 12:29

Tgt Ion: 91 Resp: 165994

Ion Ratio Lower Upper

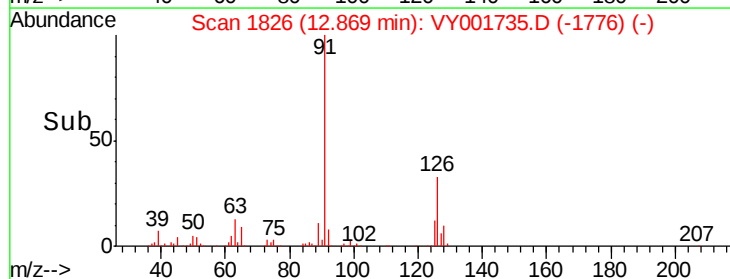
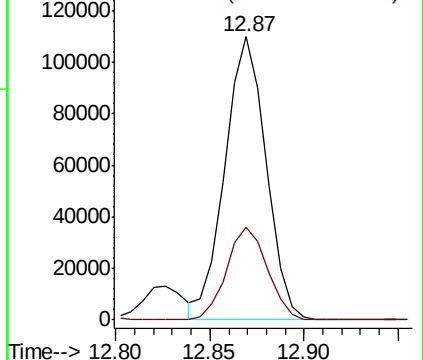
91 100

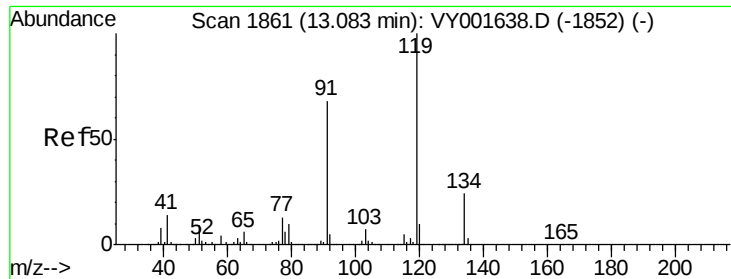
126 32.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.229 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

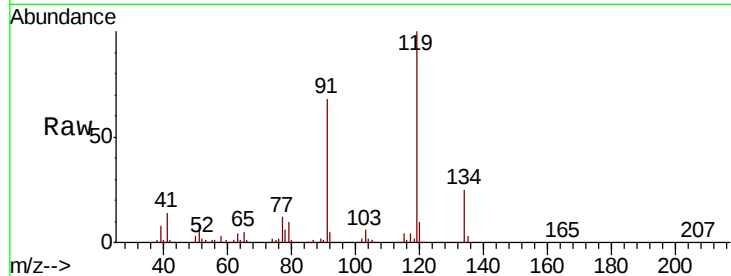
Tot Ion:119 Resp: 158436

Ion Ratio Lower Upper

119 100

91 68.0 33.5 100.5

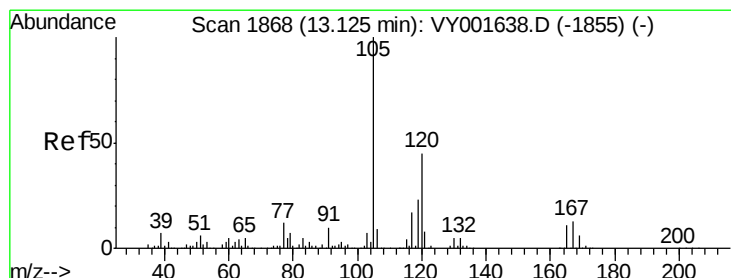
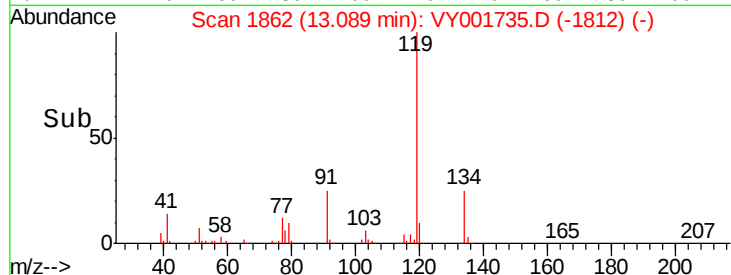
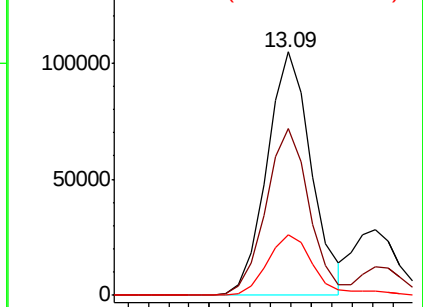
134 26.6 13.3 39.8



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: 20.459 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001735.D

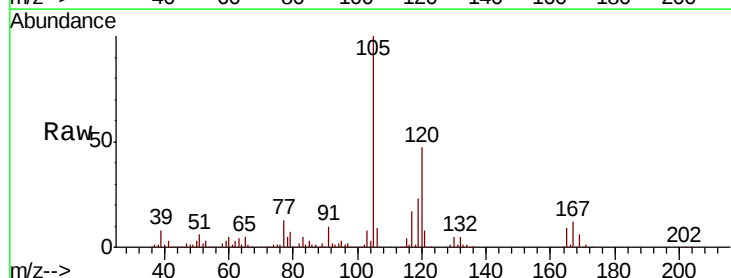
Acq: 21 Feb 2020 12:29

Tgt Ion:105 Resp: 190999

Ion Ratio Lower Upper

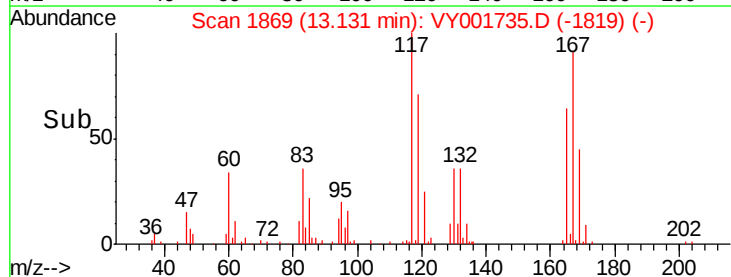
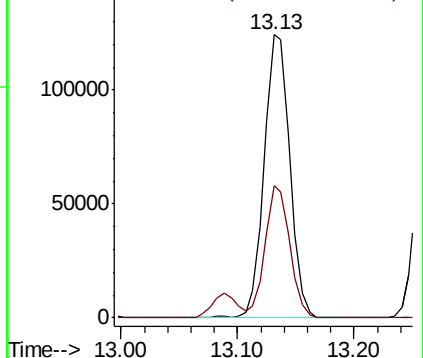
105 100

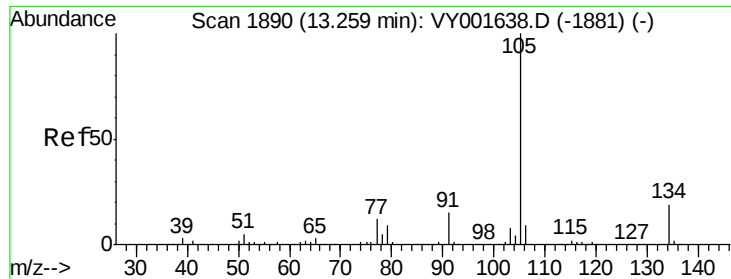
120 44.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.375 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

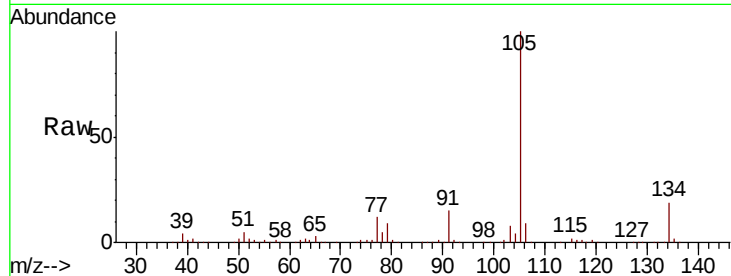
ClientSampleId :

Tot Ion:105 Resp: 234694

Ion Ratio Lower Upper

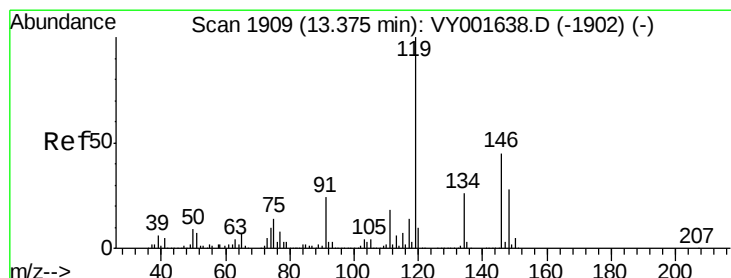
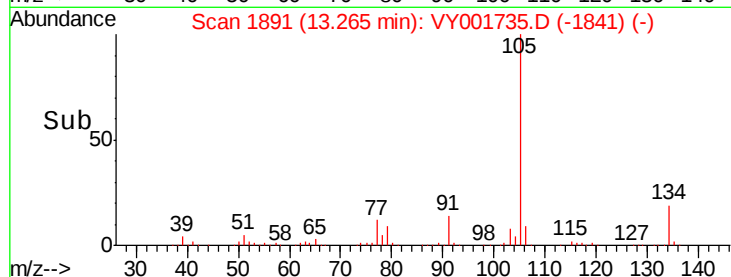
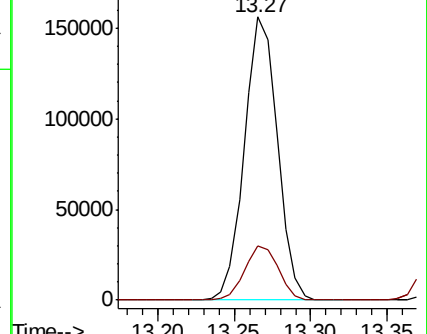
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.316 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

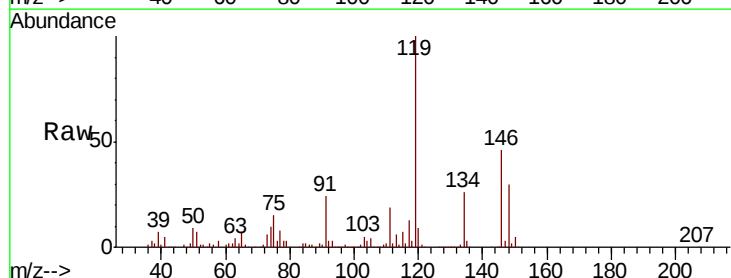
Tgt Ion:119 Resp: 203301

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

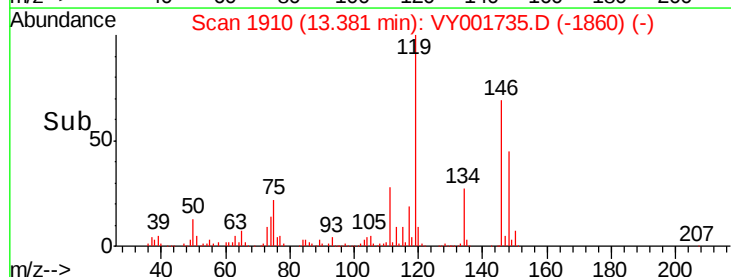
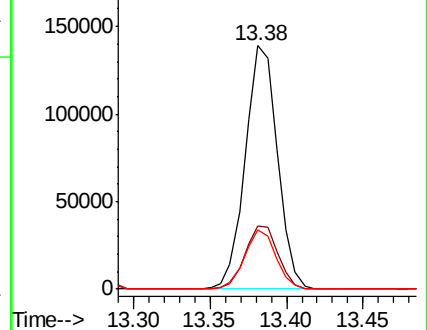
91 24.1 12.2 36.6

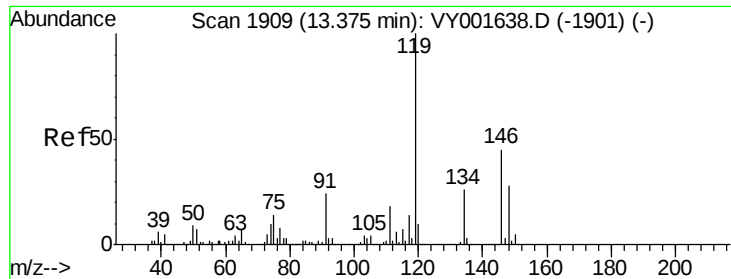


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 19.894 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

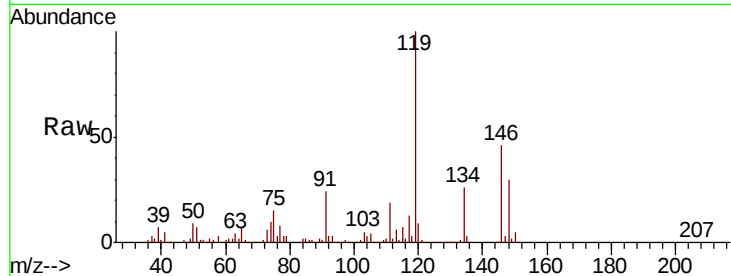
Tot Ion:146 Resp: 94620

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.3

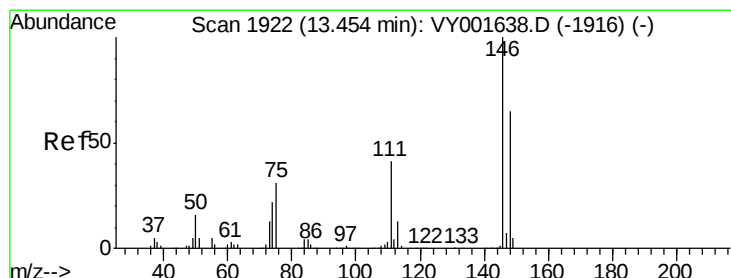
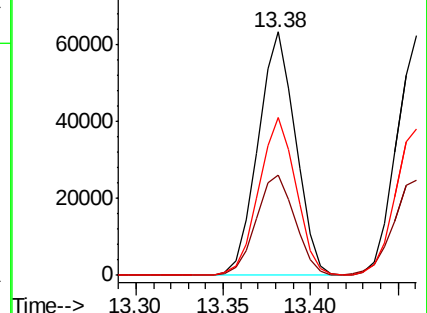
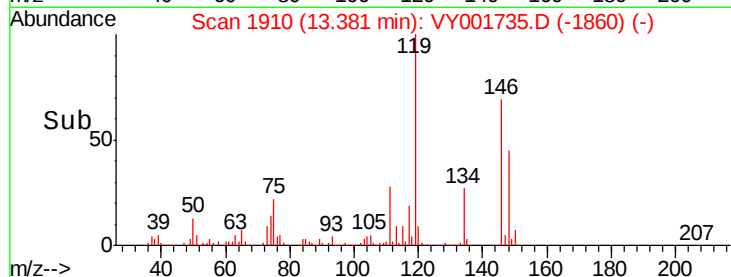
148 64.3 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.944 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

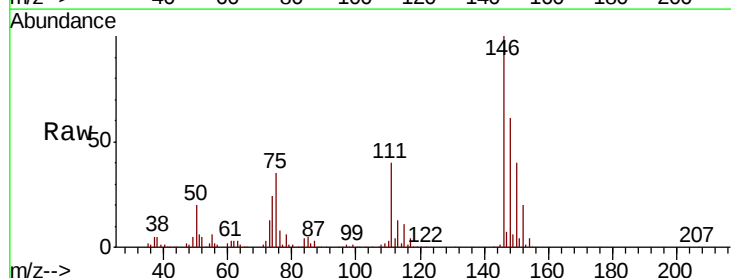
Tgt Ion:146 Resp: 95886

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

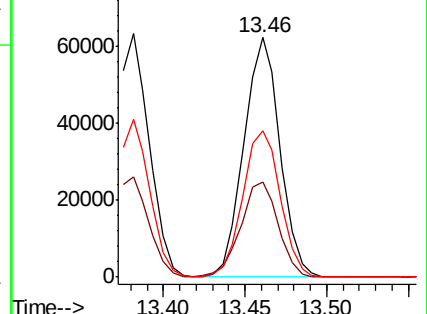
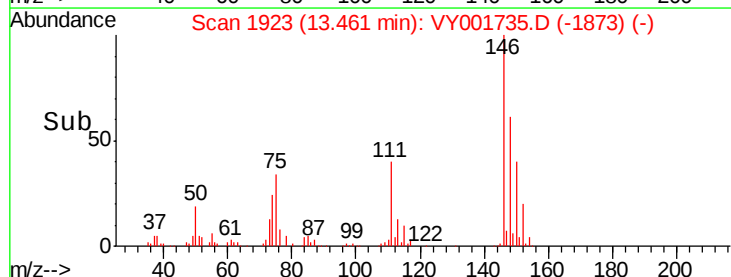
148 63.6 31.6 94.7

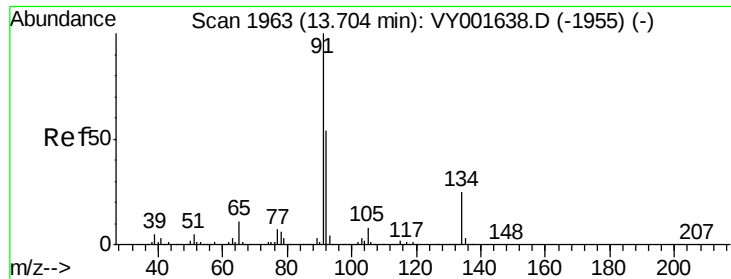


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

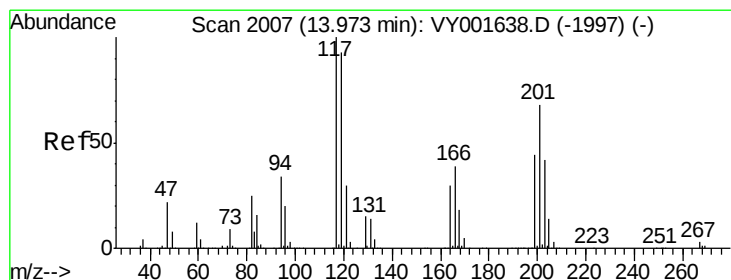
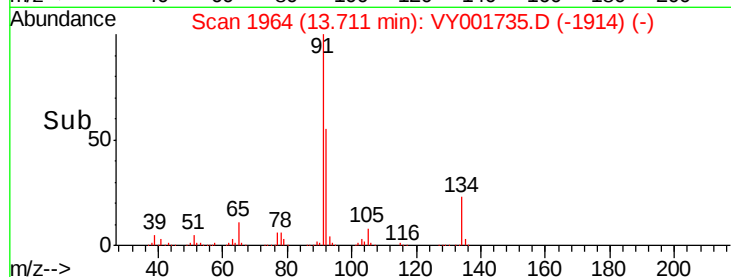
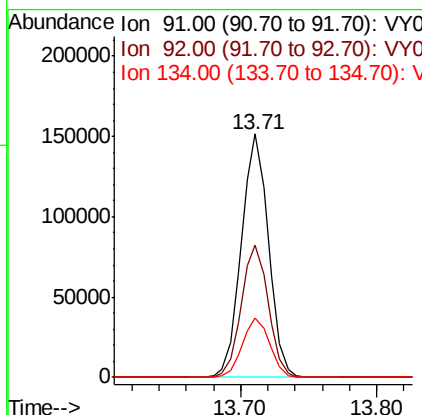
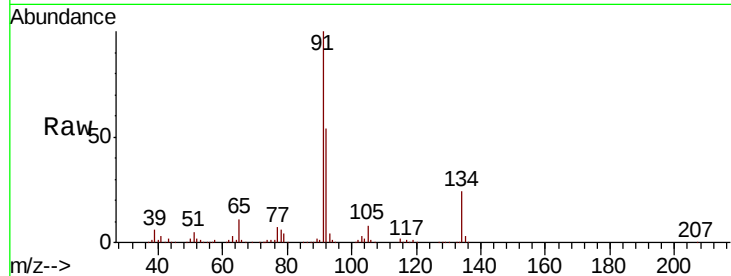




#89
n-Butylbenzene
Concen: 20.589 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

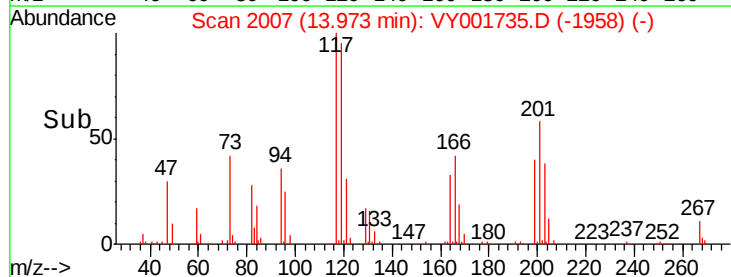
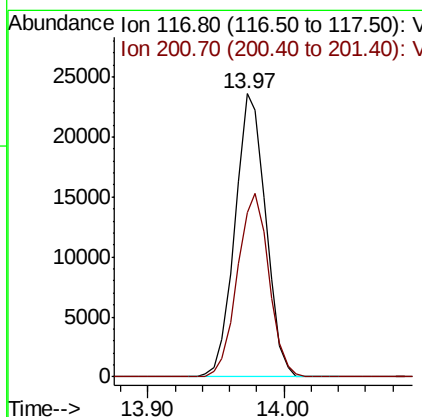
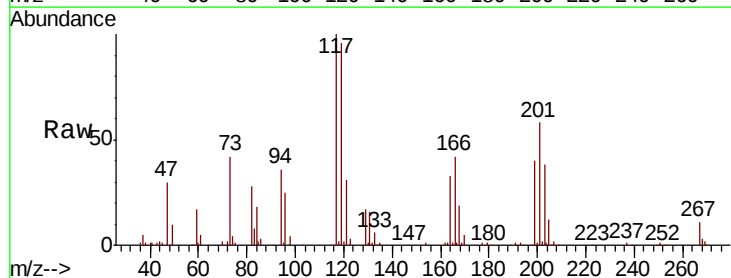
Instrument :
MSVOA_Y
ClientSampleId :

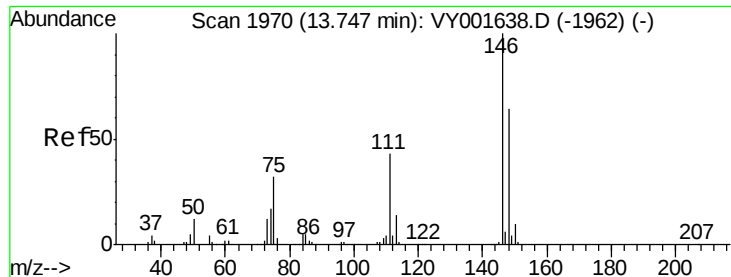
Tot Ion: 91 Resp: 210524
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.4
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 19.695 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001735.D
Acq: 21 Feb 2020 12:29

Tgt Ion: 117 Resp: 37133
Ion Ratio Lower Upper
117 100
201 66.7 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 19.881 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampleId :

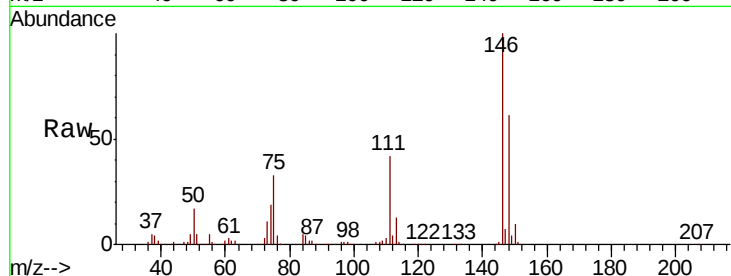
Tot Ion:146 Resp: 87261

Ion Ratio Lower Upper

146 100

111 43.6 21.9 65.7

148 62.7 31.5 94.5

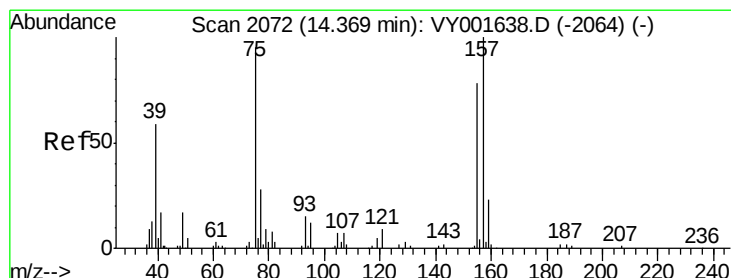
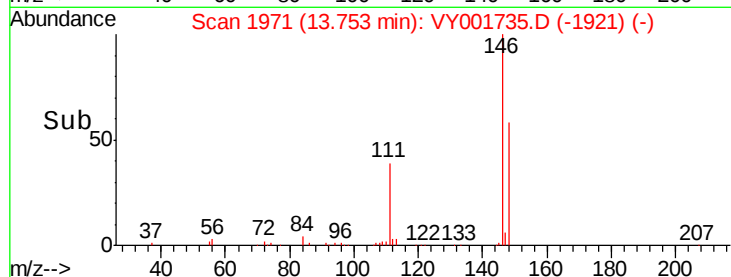
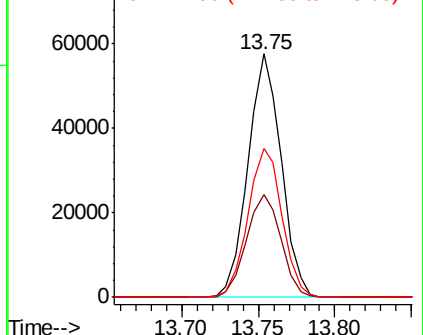


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.210 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

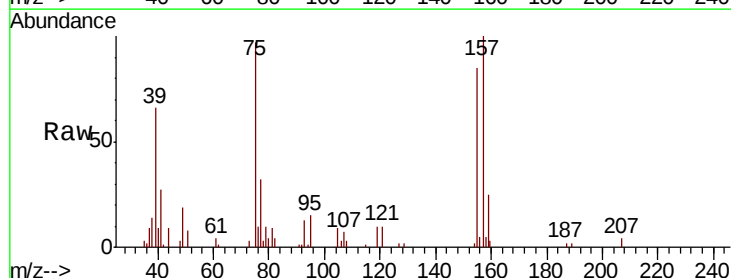
Tgt Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

155 82.8 40.8 122.4

157 101.9 52.1 156.4

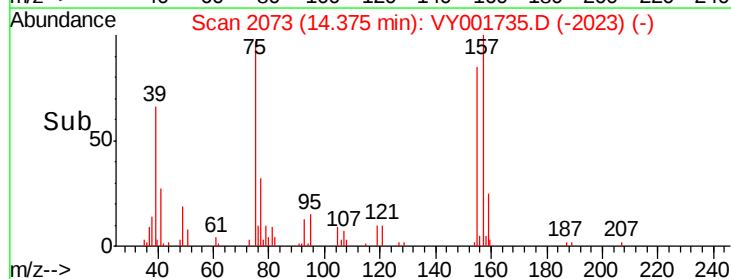
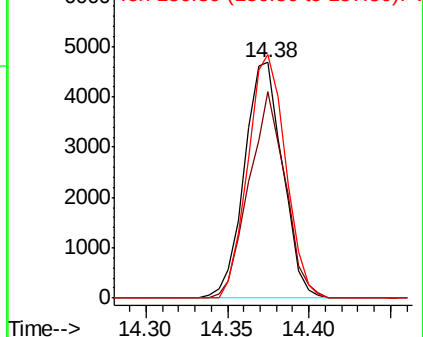


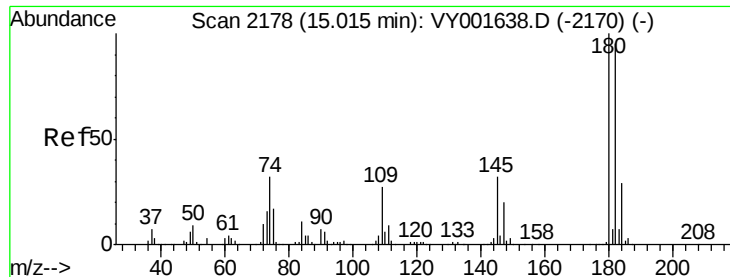
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

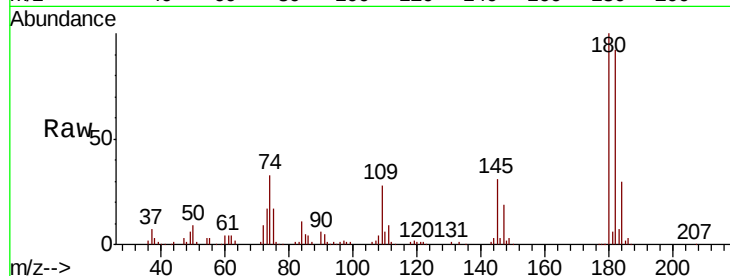




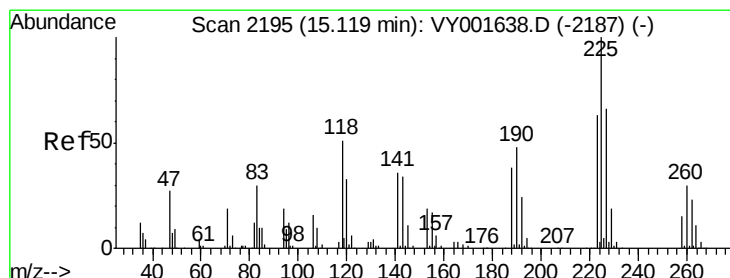
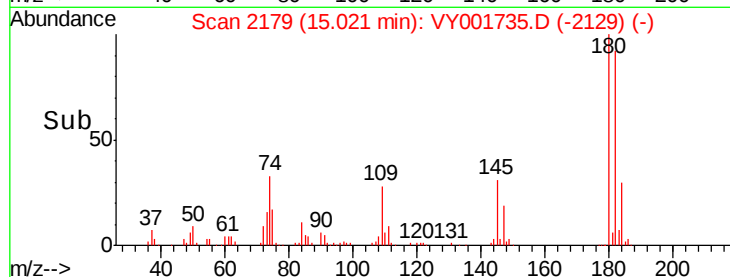
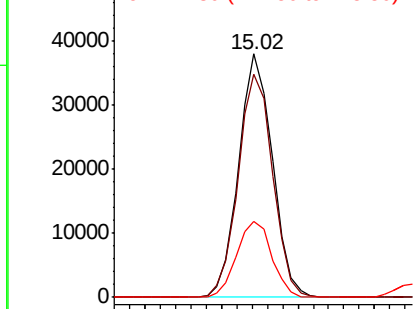
#93
 1,2,4-Trichlorobenzene
 Concen: 20.035 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 58274
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.8 140.3
 145 32.4 16.2 48.5

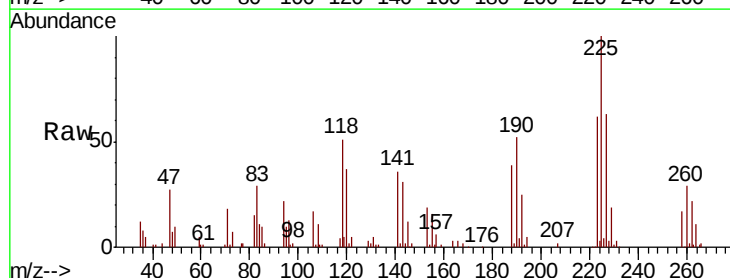


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

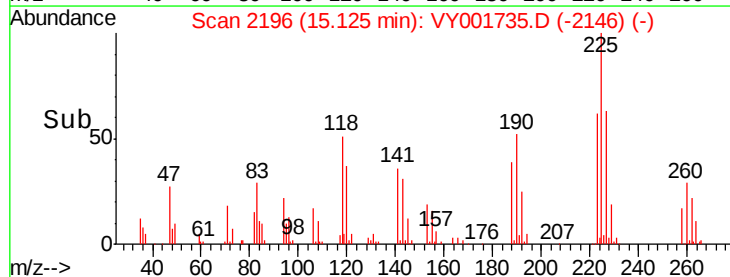
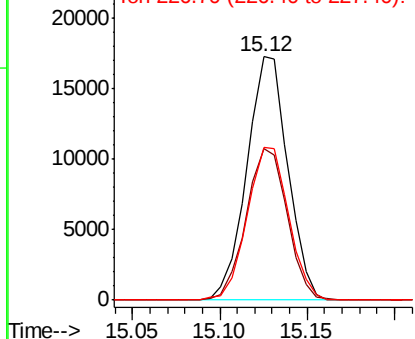


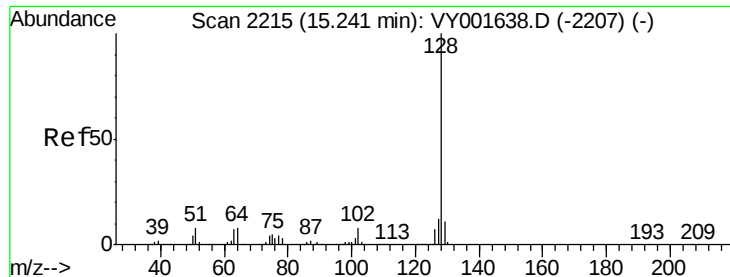
#94
 Hexachlorobutadiene
 Concen: 19.446 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001735.D
 Acq: 21 Feb 2020 12:29

Tgt Ion:225 Resp: 28129
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 63.3 31.6 94.8



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: 19.293 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

Instrument :

MSVOA_Y

ClientSampled :

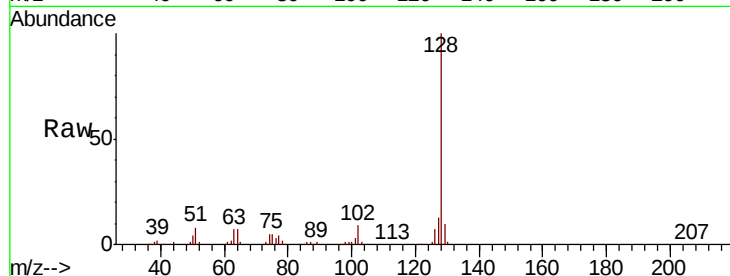
Tot Ion:128 Resp: 129389

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

129 11.1 8.6 13.0

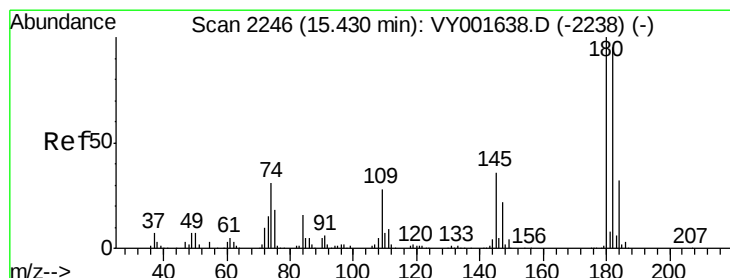
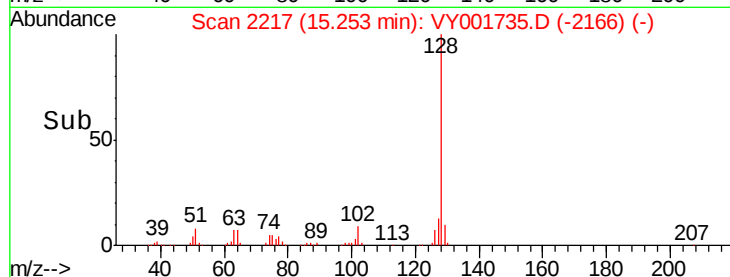
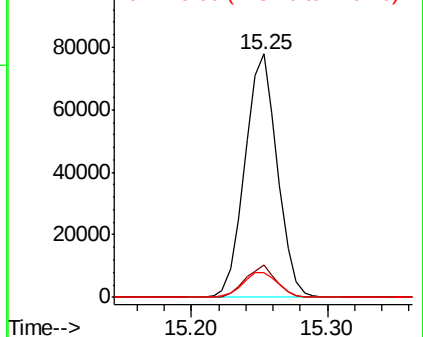


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.602 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001735.D

Acq: 21 Feb 2020 12:29

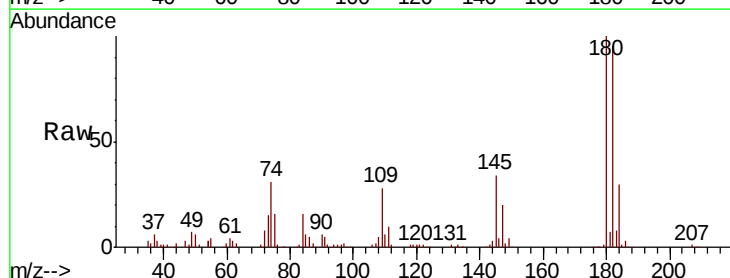
Tgt Ion:180 Resp: 50161

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

145 33.8 17.3 52.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

