

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001734.D
 Acq On : 21 Feb 2020 12:08
 Operator : SY/MD
 Sample : VY0221SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:41:09 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	7.83	168	198596	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	356430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	318676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	105779	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.75	113	97327	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.21	98	406689	50.85	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.50	95	146925	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	33342	17.223	ug/l	99
3) Chloromethane	2.13	50	48520	18.634	ug/l	100
4) Vinyl Chloride	2.27	62	48642	18.521	ug/l	97
5) Bromomethane	2.67	94	33593	20.466	ug/l	99
6) Chloroethane	2.82	64	31312	19.348	ug/l	96
7) Trichlorofluoromethane	3.15	101	66534	19.794	ug/l	99
8) Diethyl Ether	3.56	74	25424	19.187	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.94	101	41782	19.777	ug/l	99
10) Methyl Iodide	4.13	142	46091	17.826	ug/l	99
11) Tert butyl alcohol	4.99	59	31294	112.527	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	42818	19.871	ug/l	93
13) Acrolein	3.77	56	18809	87.182	ug/l	98
14) Allyl chloride	4.52	41	76774	20.020	ug/l	98
15) Acrylonitrile	5.21	53	68662	101.092	ug/l	99
16) Acetone	3.99	43	61940	83.799	ug/l	94
17) Carbon Disulfide	4.23	76	135037	18.771	ug/l	100
18) Methyl Acetate	4.52	43	34367	21.350	ug/l	98
19) Methyl tert-butyl Ether	5.27	73	117786	19.633	ug/l	97
20) Methylene Chloride	4.76	84	53797	20.491	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	48758	19.833	ug/l	99
22) Diisopropyl ether	6.16	45	159460	20.248	ug/l	98
23) Vinyl Acetate	6.10	43	501243	97.573	ug/l	98
24) 1,1-Dichloroethane	6.07	63	84837	20.155	ug/l	99
25) 2-Butanone	7.03	43	93299	92.918	ug/l	99
26) 2,2-Dichloropropane	7.02	77	74379	20.310	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	53800	19.825	ug/l	99
28) Bromochloromethane	7.37	49	33346	19.018	ug/l	99
29) Tetrahydrofuran	7.38	42	59458	97.970	ug/l	98
30) Chloroform	7.54	83	81035	19.703	ug/l	98
31) Cyclohexane	7.82	56	88092	19.629	ug/l #	93
32) 1,1,1-Trichloroethane	7.74	97	68421	19.793	ug/l	98
36) 1,1-Dichloropropene	7.95	75	66378	19.497	ug/l	99
37) Ethyl Acetate	7.11	43	39234	19.308	ug/l	98
38) Carbon Tetrachloride	7.94	117	60088	20.093	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	87856	19.451	ug/l	100
40) Benzene	8.19	78	199546	19.928	ug/l	100
41) Methacrylonitrile	7.38	41	53461	52.397	ug/l #	31
42) 1,2-Dichloroethane	8.27	62	54653	20.035	ug/l	99
43) Isopropyl Acetate	8.30	43	73814	19.145	ug/l	99
44) Trichloroethene	8.97	130	49306	19.726	ug/l	97
45) 1,2-Dichloropropane	9.24	63	49618	19.786	ug/l	97
46) Dibromomethane	9.33	93	25422	19.382	ug/l	99
47) Bromodichloromethane	9.52	83	61311	19.368	ug/l	98
48) Methyl methacrylate	9.31	41	33100	18.983	ug/l	98
49) 1,4-Dioxane	9.32	88	6756	364.693	ug/l	90
51) 4-Methyl-2-Pentanone	10.10	43	193227	97.544	ug/l	99
52) Toluene	10.27	92	123174	19.721	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	68038	19.442	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	78538	19.499	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	37984	19.640	ug/l	97
56) Ethyl methacrylate	10.53	69	55460	19.115	ug/l	99
57) 1,3-Dichloropropane	10.81	76	68258	19.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	143331	121.534	ug/l	99
59) 2-Hexanone	10.85	43	139178	93.639	ug/l	97
60) Dibromochloromethane	11.00	129	41082	19.267	ug/l	99
61) 1,2-Dibromoethane	11.11	107	35743	19.546	ug/l	99
64) Tetrachloroethene	10.74	164	39229	19.609	ug/l	98
65) Chlorobenzene	11.53	112	128238	20.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	43251	20.152	ug/l	100
67) Ethyl Benzene	11.61	91	235308	19.930	ug/l	98
68) m/p-Xylenes	11.72	106	176693	40.062	ug/l	99
69) o-Xylene	12.05	106	83155	19.832	ug/l	99
70) Styrene	12.06	104	143132	19.642	ug/l	100
71) Bromoform	12.23	173	22861	18.639	ug/l #	99
73) Isopropylbenzene	12.35	105	224224	19.773	ug/l	100
74) N-amyl acetate	12.16	43	69085	19.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.60	83	47118	19.460	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	61018	35.735	ug/l #	100
77) Bromobenzene	12.63	156	48823	19.861	ug/l	95
78) n-propylbenzene	12.69	91	277955	20.126	ug/l	100
79) 2-Chlorotoluene	12.78	91	155288	20.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	187117	19.934	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	17302	19.224	ug/l	95
82) 4-Chlorotoluene	12.88	91	160871	19.691	ug/l	98
83) tert-Butylbenzene	13.09	119	159584	20.327	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	188311	20.122	ug/l	100
85) sec-Butylbenzene	13.27	105	230036	19.923	ug/l	99
86) p-Isopropyltoluene	13.39	119	200910	20.029	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	93580	19.629	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	95364	19.788	ug/l	99
89) n-Butylbenzene	13.72	91	205169	20.017	ug/l	100
90) Hexachloroethane	13.98	117	37480	19.832	ug/l	99
91) 1,2-Dichlorobenzene	13.76	146	84365	19.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	7741	19.372	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54817	18.801	ug/l	97
94) Hexachlorobutadiene	15.13	225	27396	18.894	ug/l	99
95) Naphthalene	15.25	128	125966	18.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	49078	19.133	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

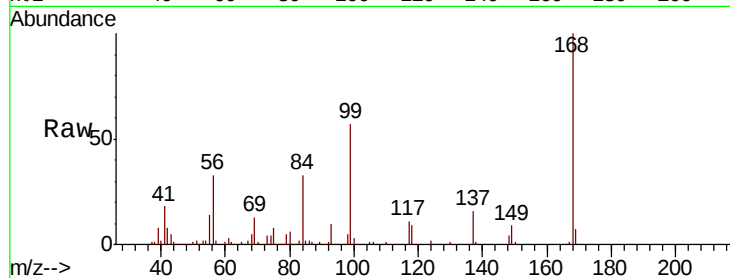
ClientSampleId :

Tot Ion:168 Resp: 198596

Ion Ratio Lower Upper

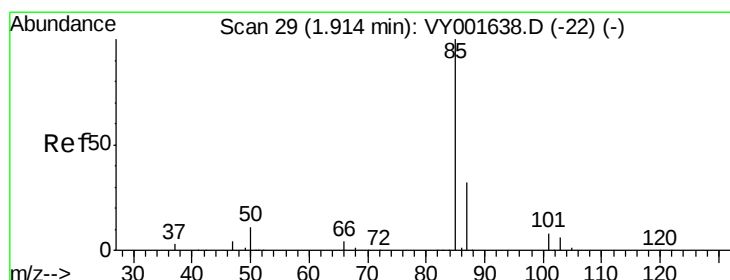
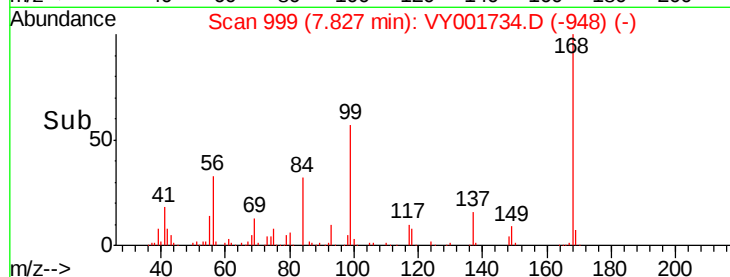
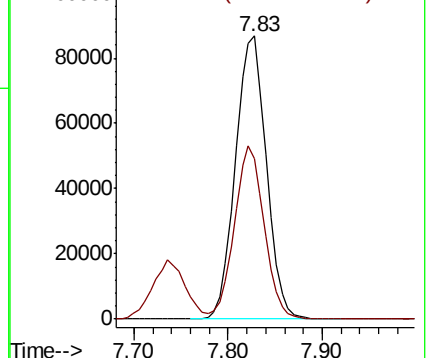
168 100

99 56.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001734.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001734.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 17.223 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001734.D

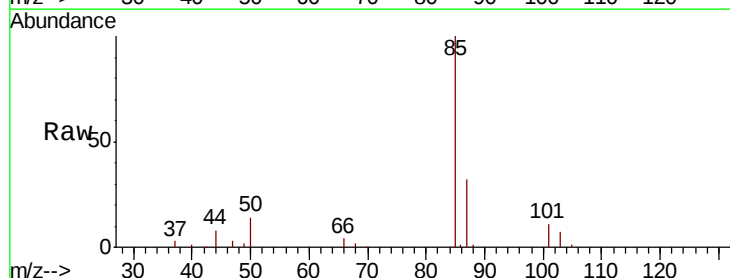
Acq: 21 Feb 2020 12:08

Tgt Ion: 85 Resp: 33342

Ion Ratio Lower Upper

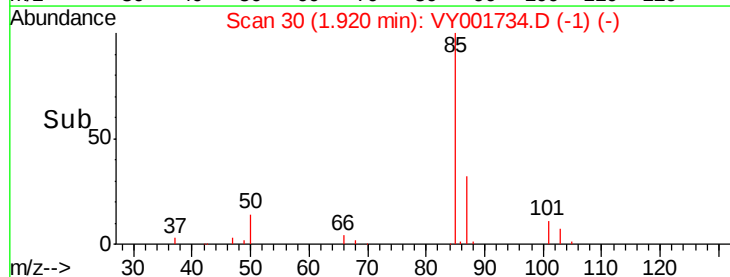
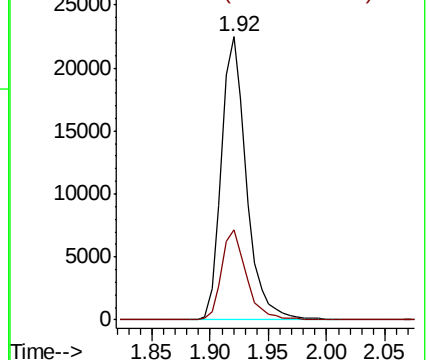
85 100

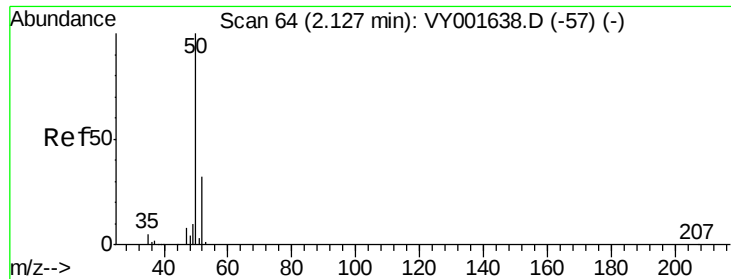
87 31.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001734.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001734.D (-1) (-)





#3

Chloromethane

Concen: 18.634 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

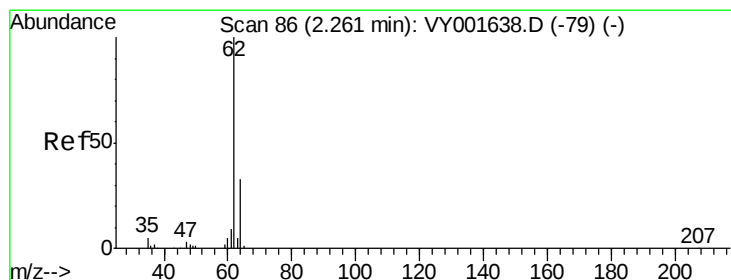
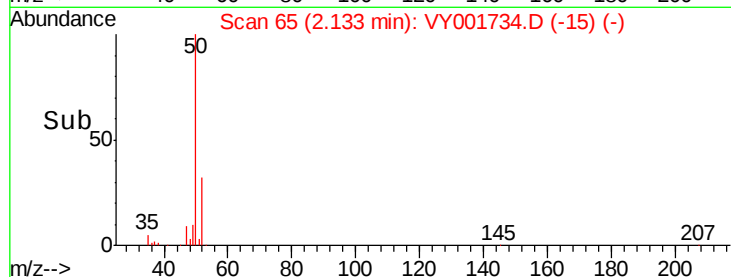
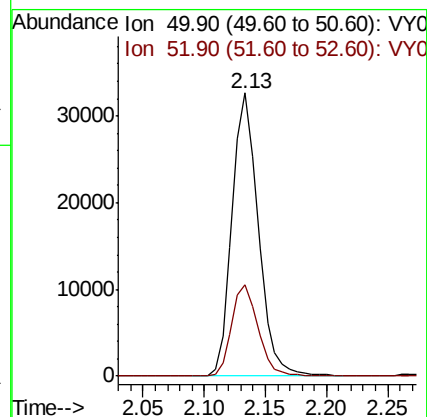
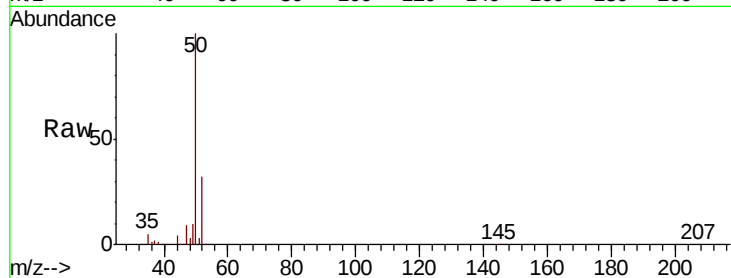
ClientSampleId :

Tot Ion: 50 Resp: 48520

Ion Ratio Lower Upper

50 100

52 32.1 25.8 38.6



#4

Vinyl Chloride

Concen: 18.521 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001734.D

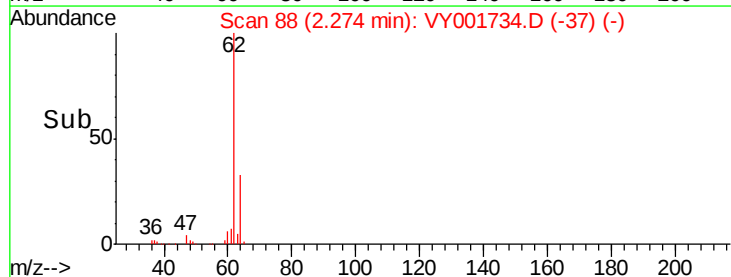
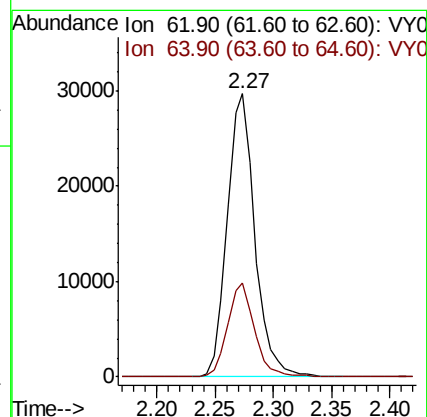
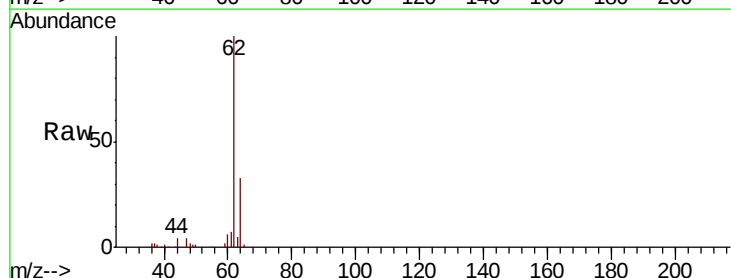
Acq: 21 Feb 2020 12:08

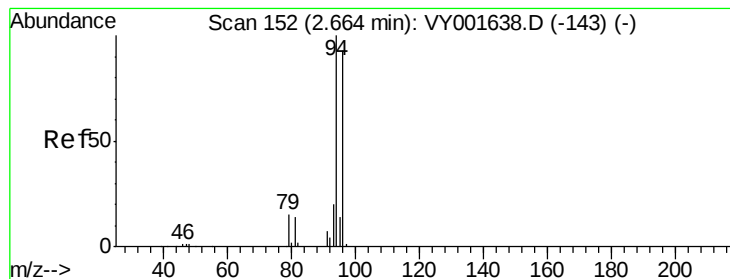
Tgt Ion: 62 Resp: 48642

Ion Ratio Lower Upper

62 100

64 33.0 24.9 37.3





#5

Bromomethane

Concen: 20.466 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

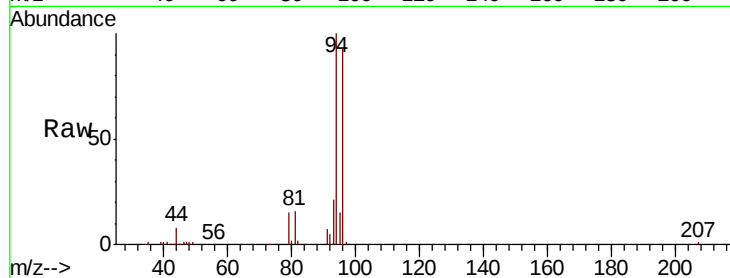
ClientSampleId :

Tot Ion: 94 Resp: 33593

Ion Ratio Lower Upper

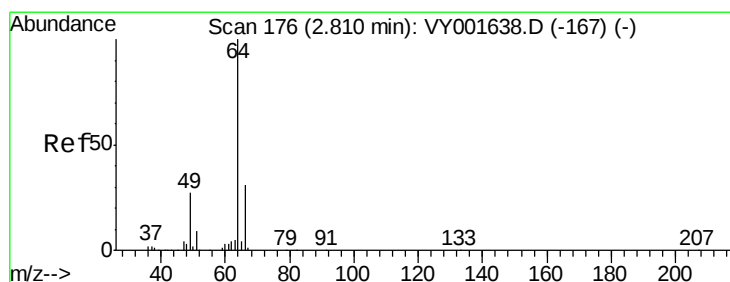
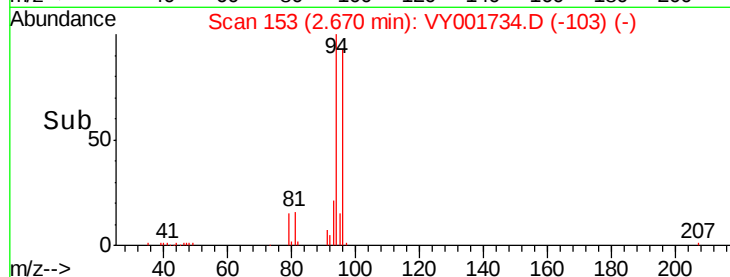
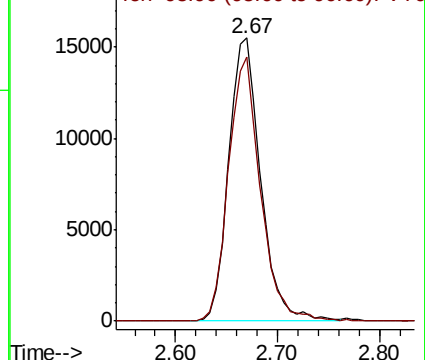
94 100

96 93.4 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: 19.348 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001734.D

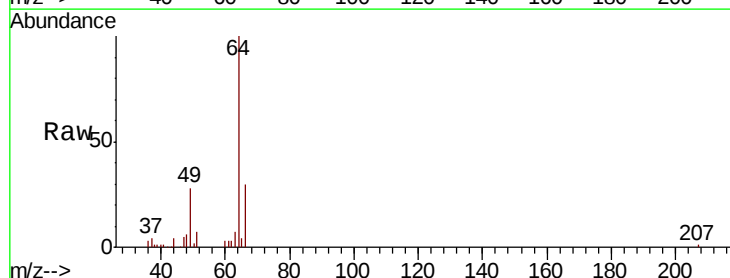
Acq: 21 Feb 2020 12:08

Tgt Ion: 64 Resp: 31312

Ion Ratio Lower Upper

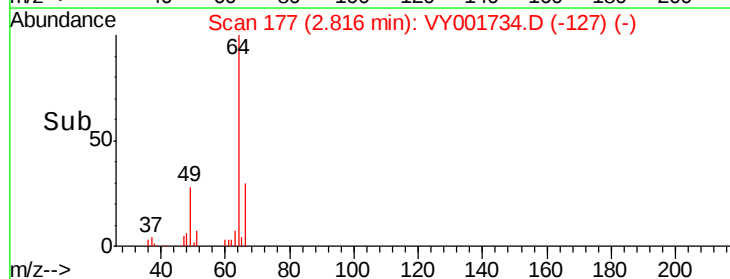
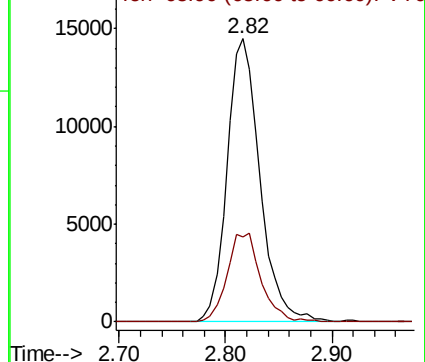
64 100

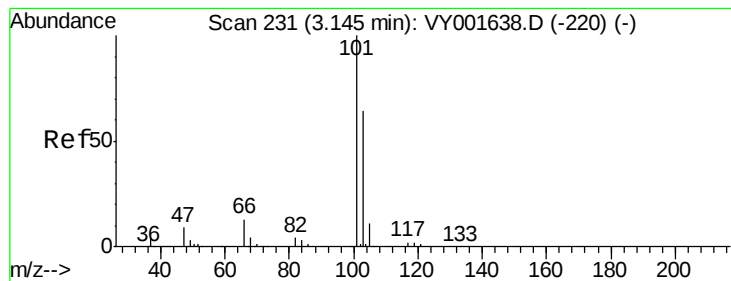
66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



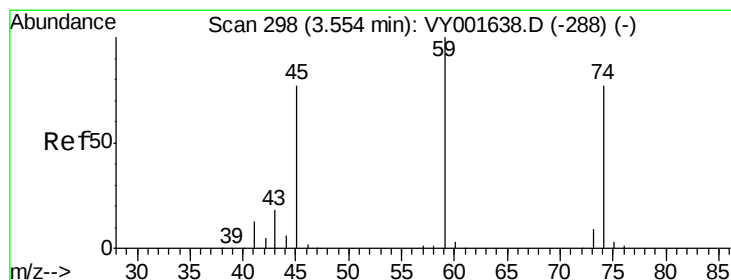
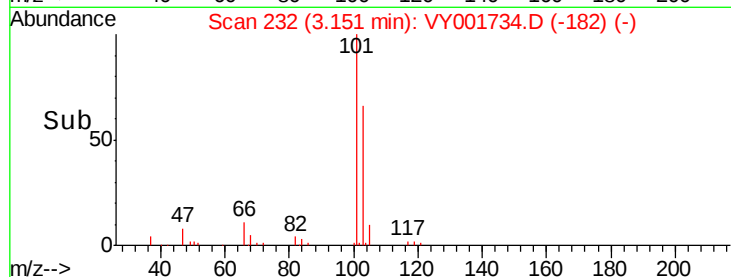
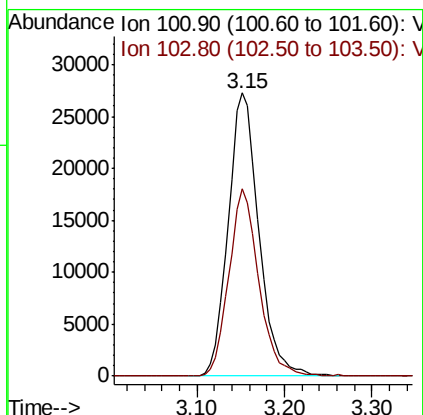
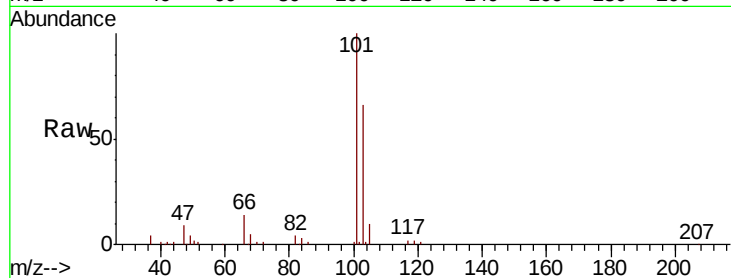


#7

Trichlorofluoromethane
Concen: 19.794 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :

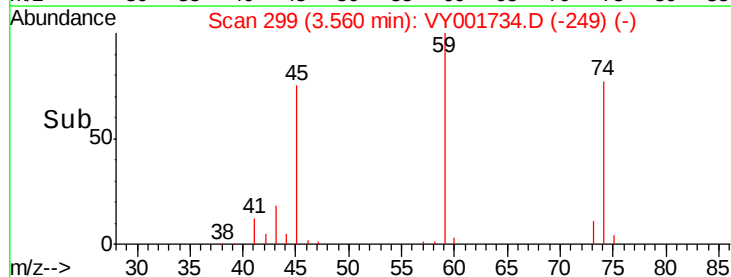
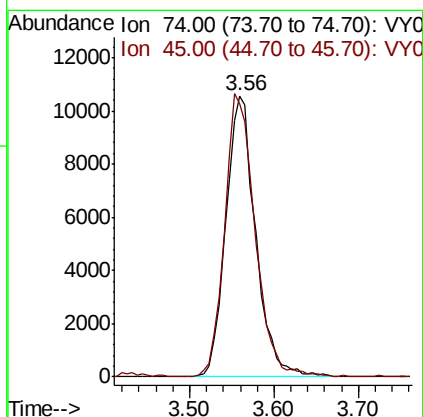
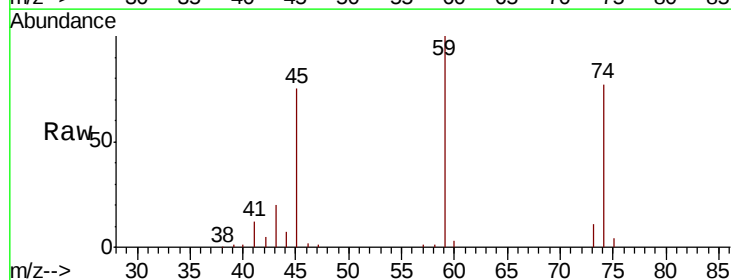
Tot Ion:101 Resp: 66534
Ion Ratio Lower Upper
101 100
103 66.2 52.2 78.2

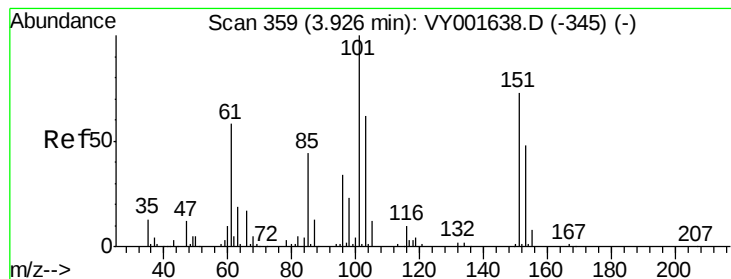


#8

Diethyl Ether
Concen: 19.187 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 74 Resp: 25424
Ion Ratio Lower Upper
74 100
45 102.8 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.777 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

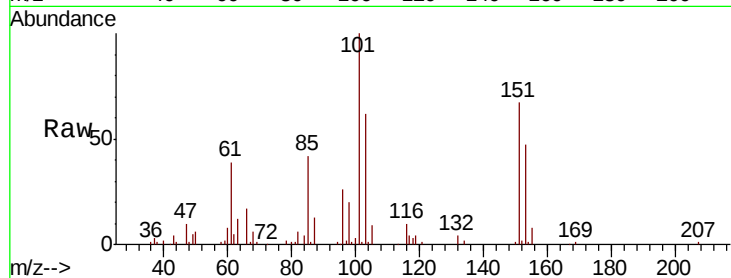
Tot Ion:101 Resp: 41782

Ion Ratio Lower Upper

101 100

85 44.8 35.1 52.7

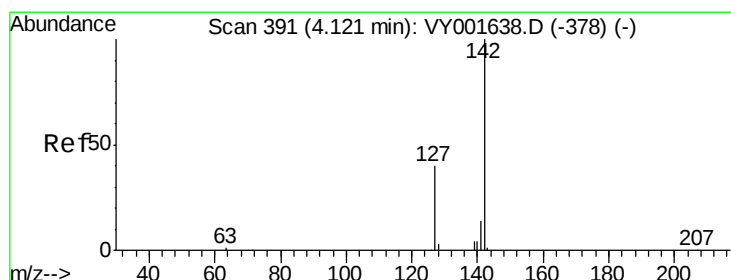
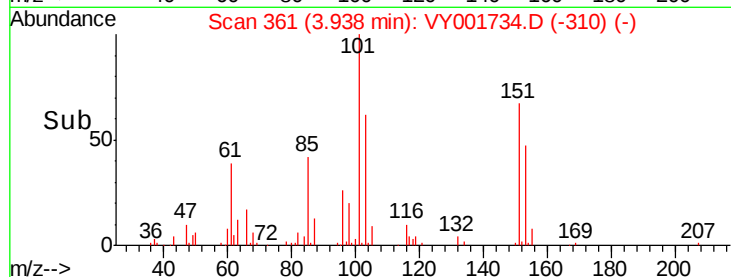
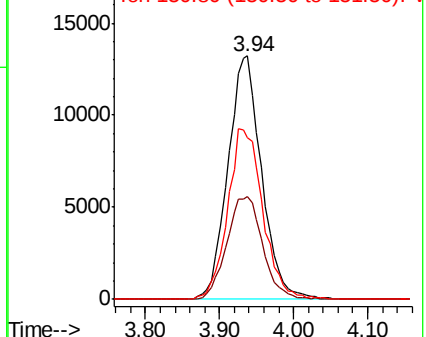
151 73.1 58.4 87.6



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: 17.826 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

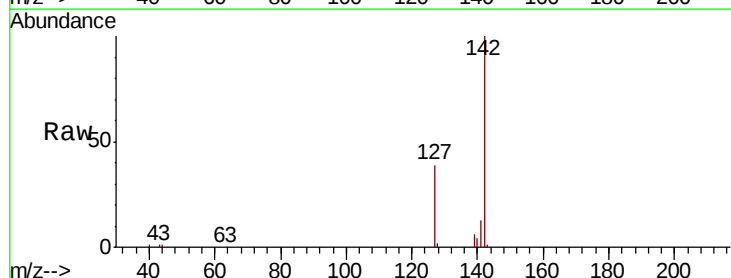
Tgt Ion:142 Resp: 46091

Ion Ratio Lower Upper

142 100

127 41.0 32.1 48.1

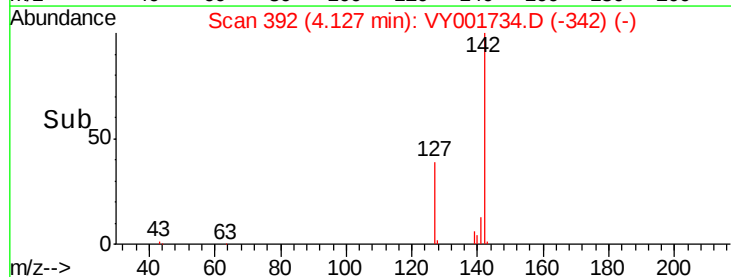
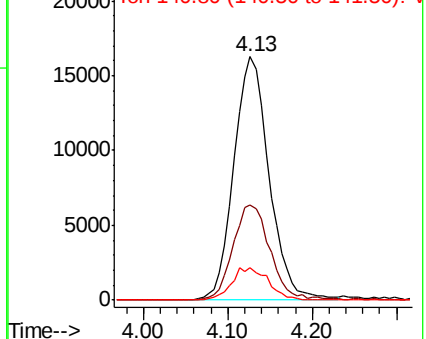
141 13.8 11.3 16.9

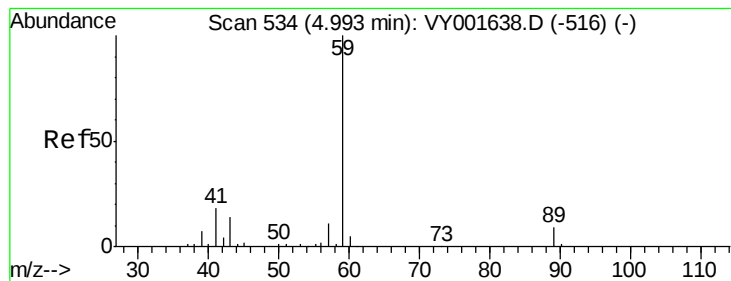


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



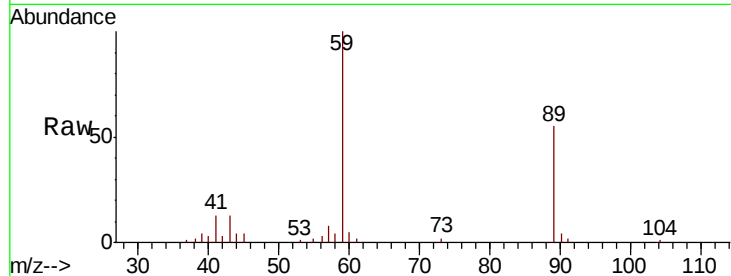


#11

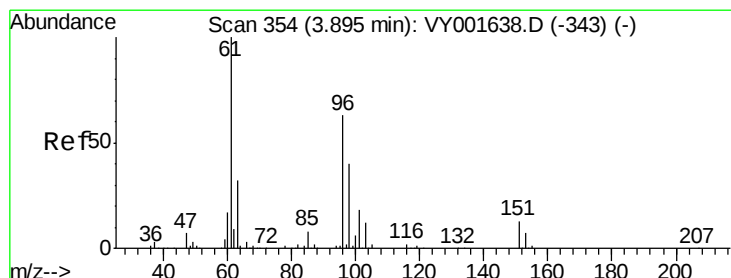
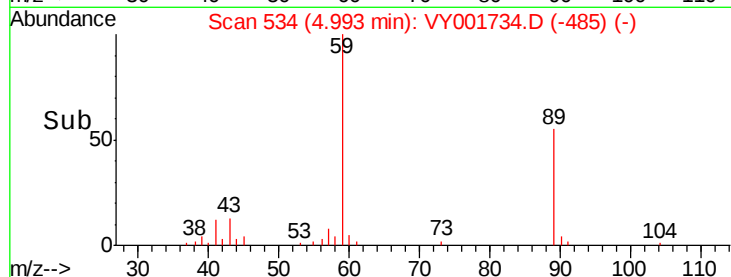
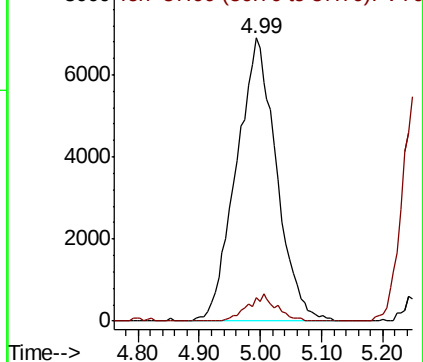
Tert butyl alcohol
Concen: 112.527 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 31294
Ion Ratio Lower Upper
59 100
57 6.9 7.4 11.2#



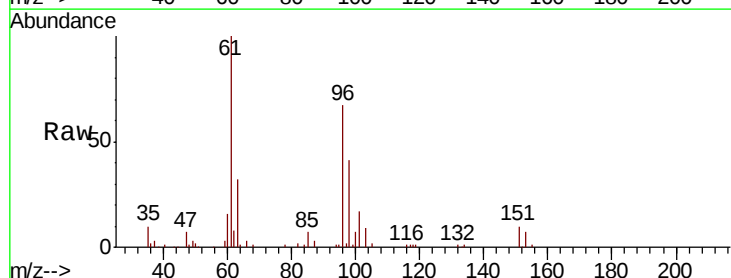
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



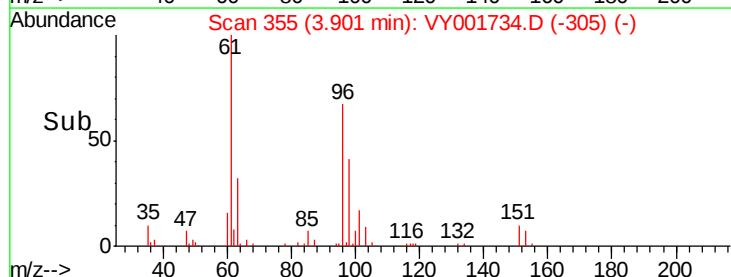
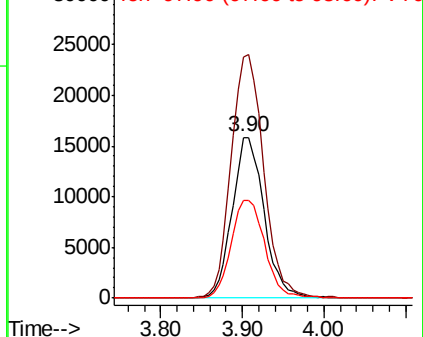
#12

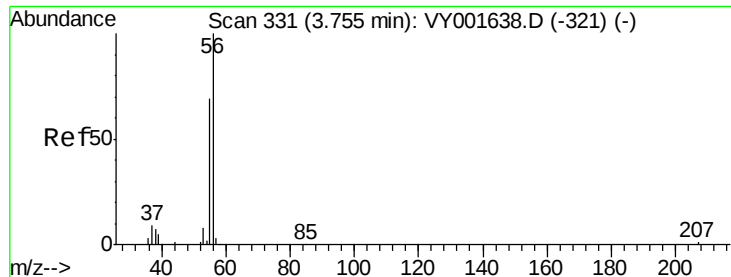
1,1-Dichloroethene
Concen: 19.871 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 96 Resp: 42818
Ion Ratio Lower Upper
96 100
61 149.9 128.7 193.1
98 60.9 50.7 76.1



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





#13

Acrolein

Concen: 87.182 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

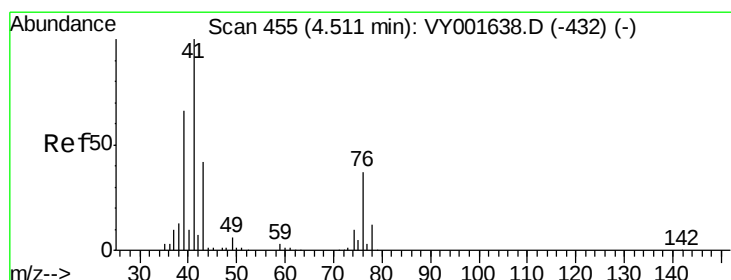
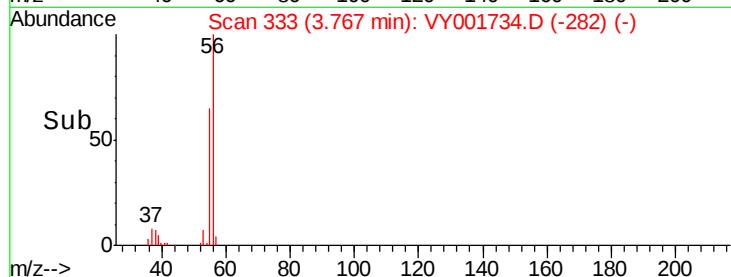
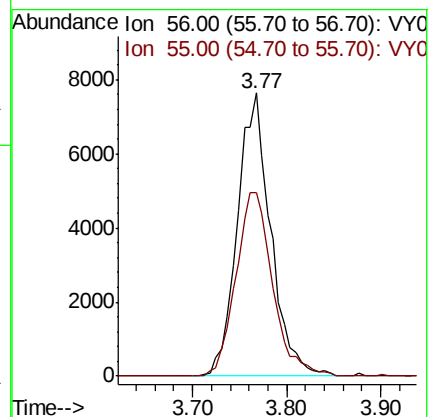
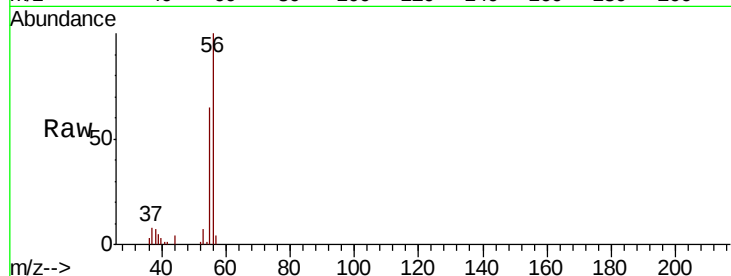
ClientSampleId :

Tot Ion: 56 Resp: 18809

Ion Ratio Lower Upper

56 100

55 71.9 56.1 84.1



#14

Allyl chloride

Concen: 20.020 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

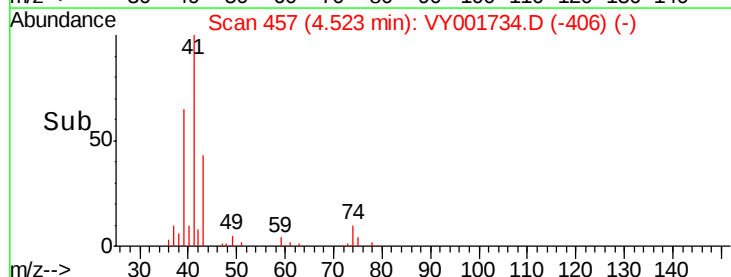
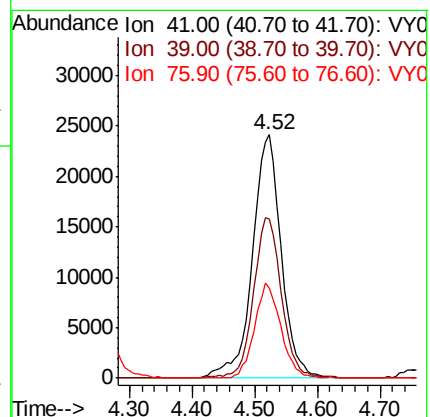
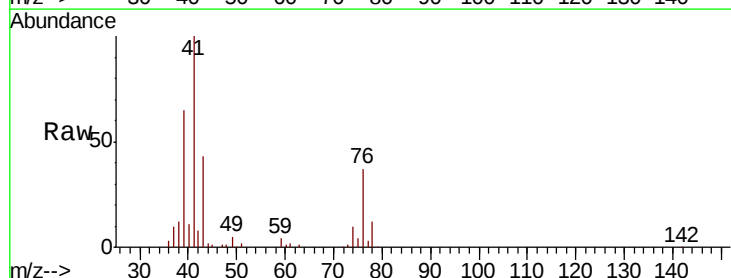
Tgt Ion: 41 Resp: 76774

Ion Ratio Lower Upper

41 100

39 63.9 49.4 74.0

76 35.4 29.0 43.6





#15

Acrylonitrile

Concen: 101.092 ug/l

RT: 5.21 min Scan# 569

Delta R.T. -0.00 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampled :

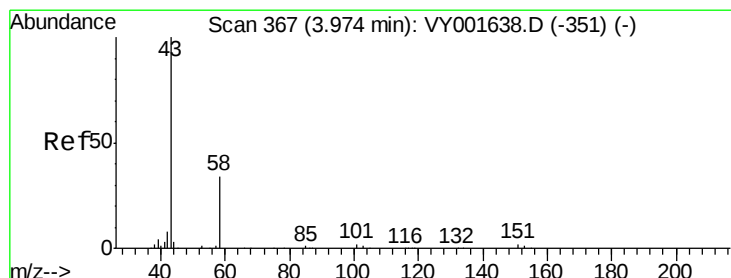
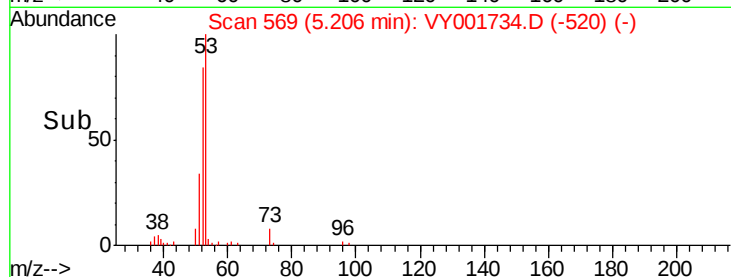
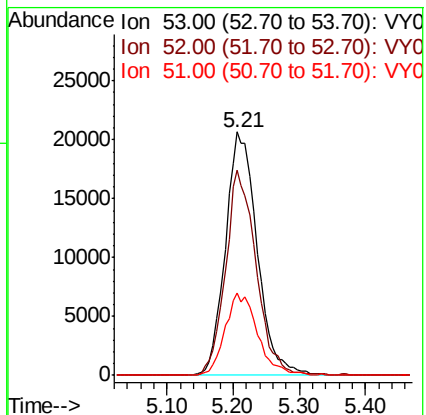
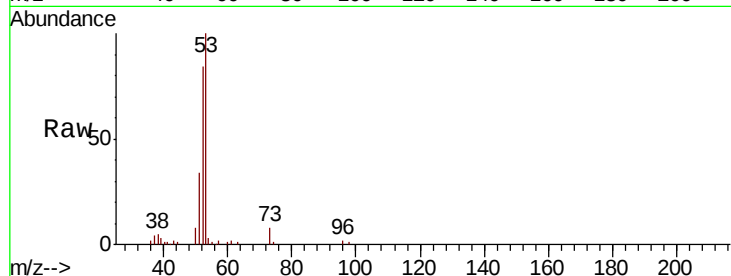
Tot Ion: 53 Resp: 68662

Ion Ratio Lower Upper

53 100

52 81.0 65.4 98.0

51 34.5 28.0 42.0



#16

Acetone

Concen: 83.799 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001734.D

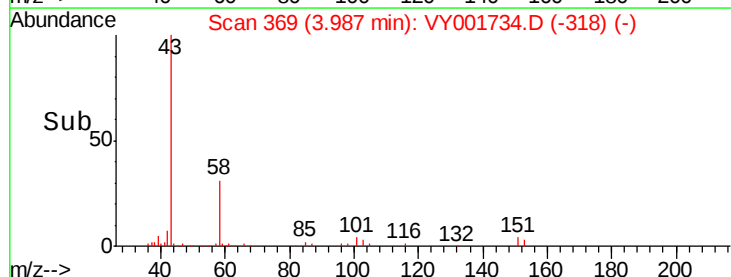
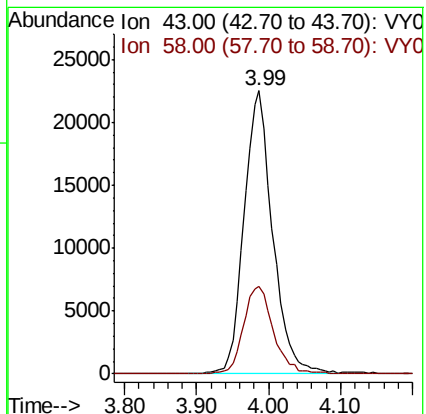
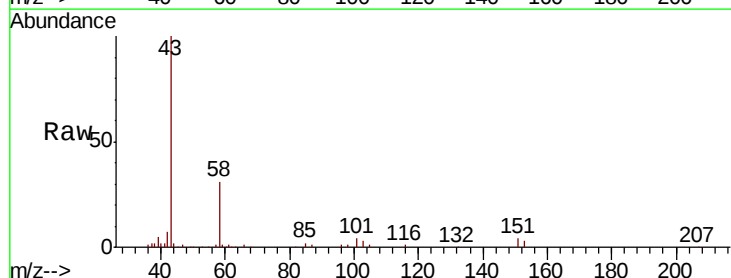
Acq: 21 Feb 2020 12:08

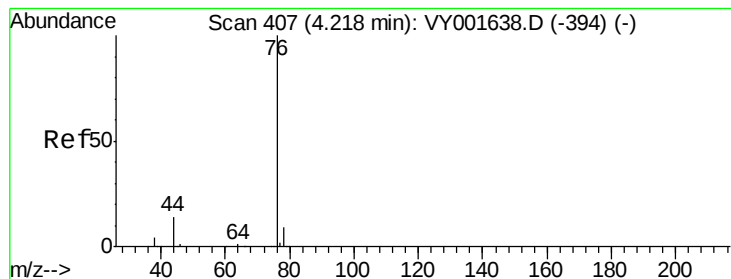
Tgt Ion: 43 Resp: 61940

Ion Ratio Lower Upper

43 100

58 30.8 27.3 40.9





#17

Carbon Disulfide

Concen: 18.771 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

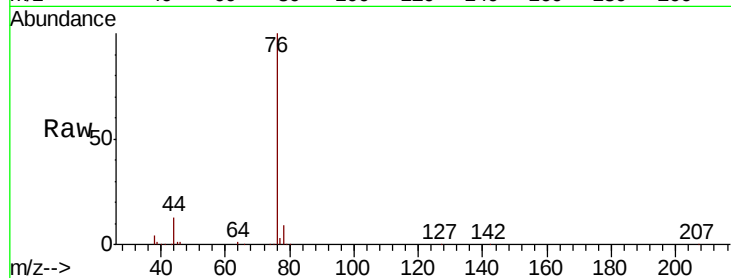
ClientSampled :

Tot Ion: 76 Resp: 135037

Ion Ratio Lower Upper

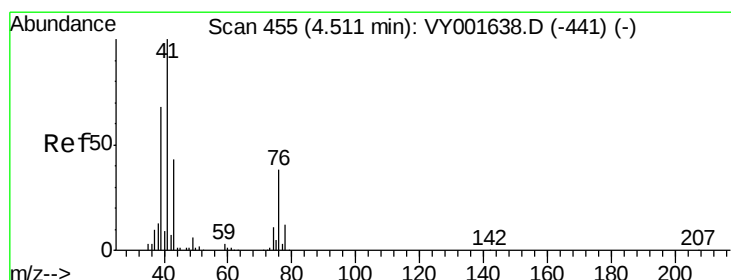
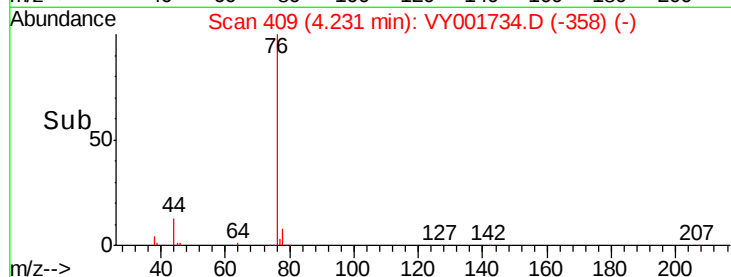
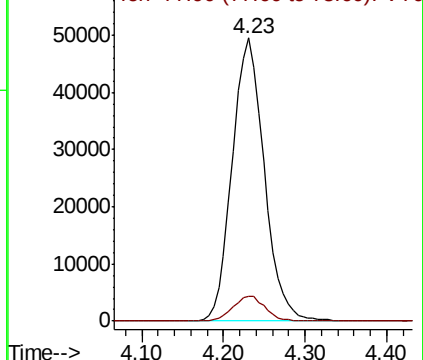
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.350 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001734.D

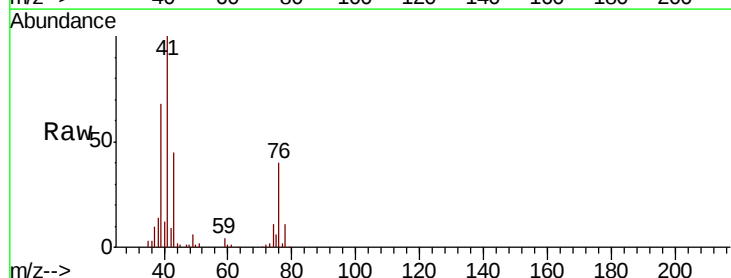
Acq: 21 Feb 2020 12:08

Tgt Ion: 43 Resp: 34367

Ion Ratio Lower Upper

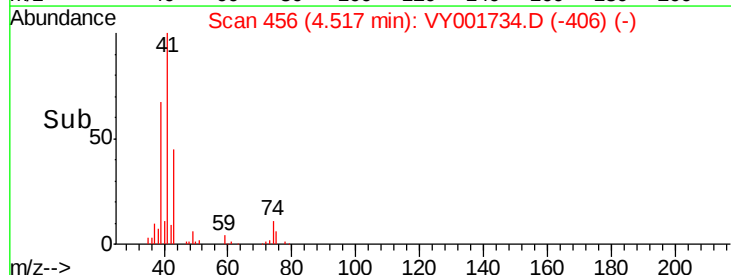
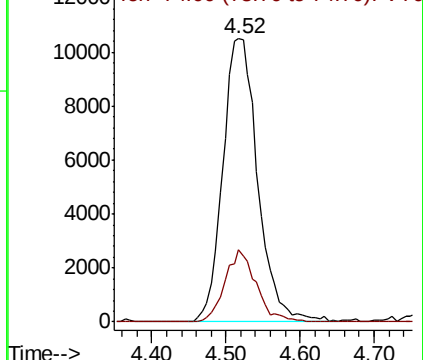
43 100

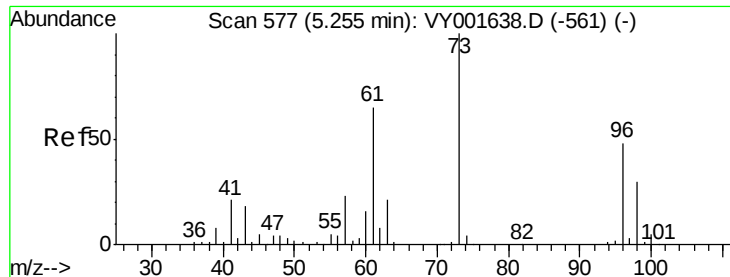
74 22.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



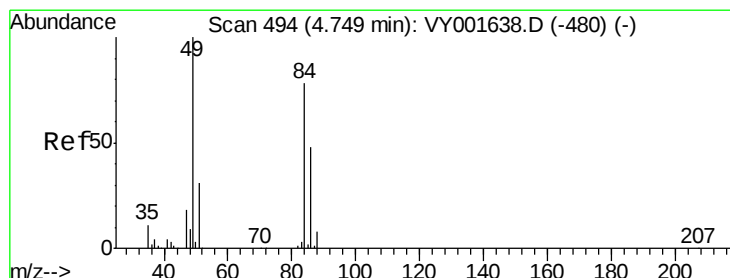
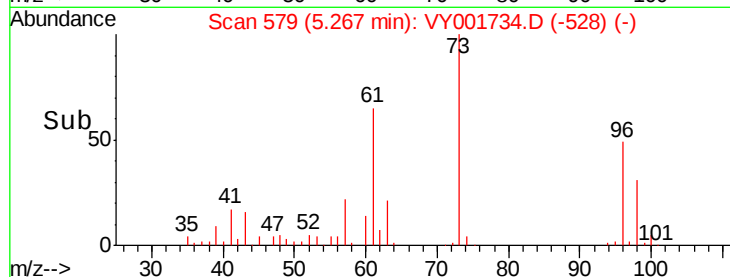
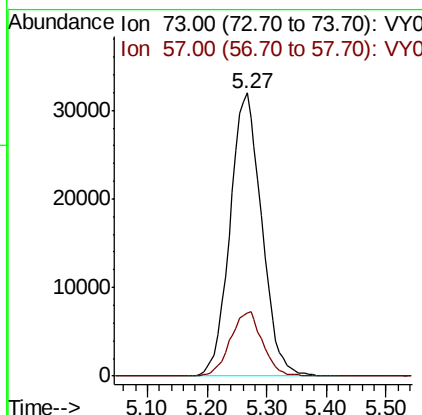
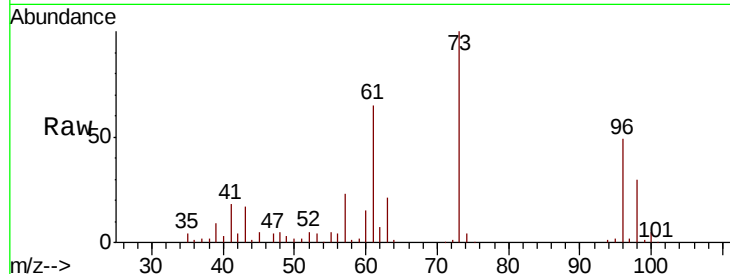


#19

Methyl tert-butyl Ether
 Concen: 19.633 ug/l
 RT: 5.27 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :

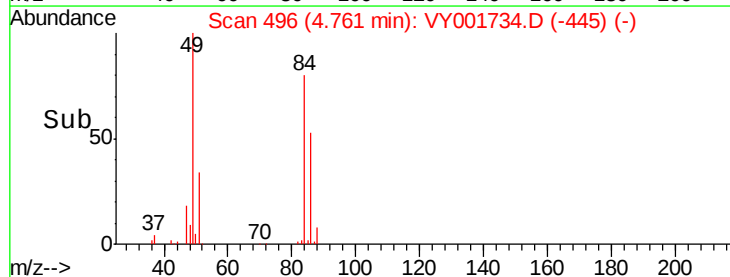
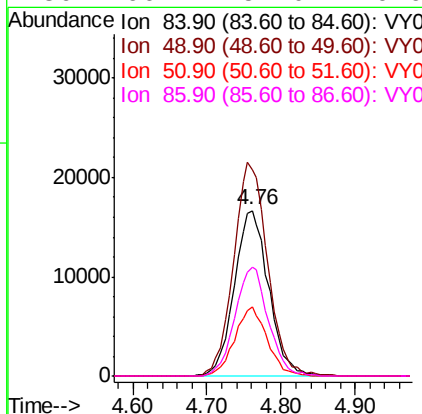
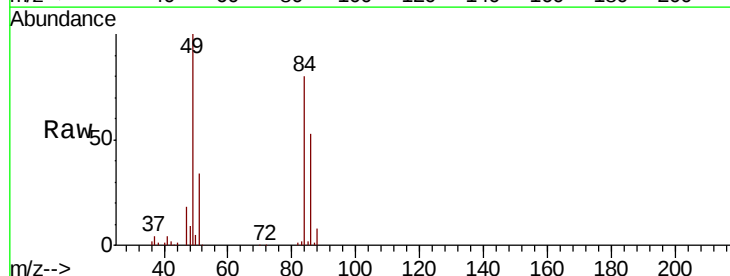
Tot Ion: 73 Resp: 117786
 Ion Ratio Lower Upper
 73 100
 57 22.5 19.0 28.6

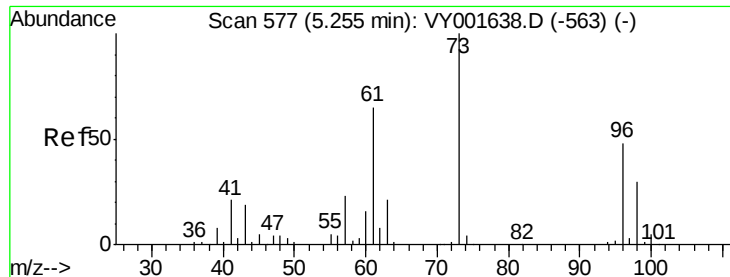


#20

Methylene Chloride
 Concen: 20.491 ug/l
 RT: 4.76 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion: 84 Resp: 53797
 Ion Ratio Lower Upper
 84 100
 49 124.6 99.2 148.8
 51 41.8 31.5 47.3
 86 66.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.833 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

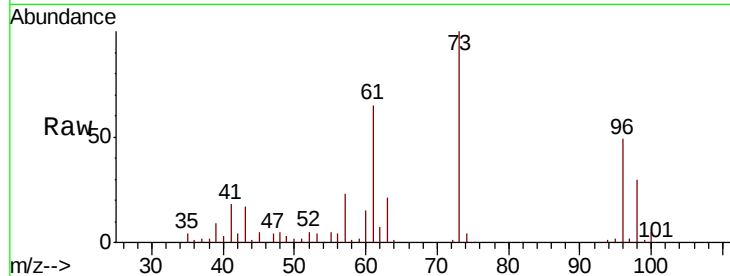
Tot Ion: 96 Resp: 48758

Ion Ratio Lower Upper

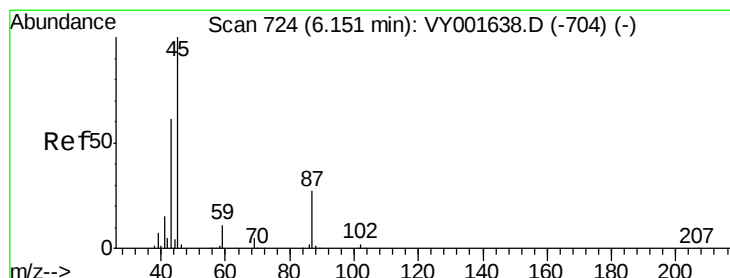
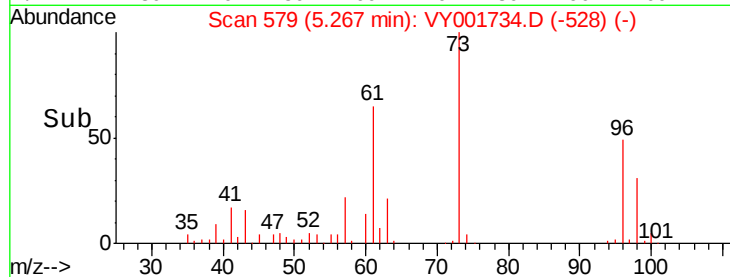
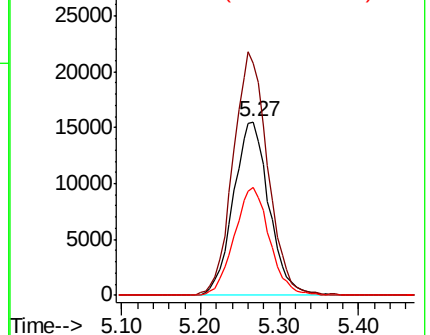
96 100

61 133.3 107.9 161.9

98 62.6 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: 20.248 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Tgt Ion: 45 Resp: 159460

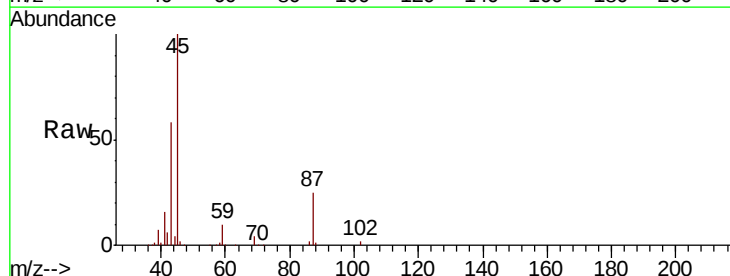
Ion Ratio Lower Upper

45 100

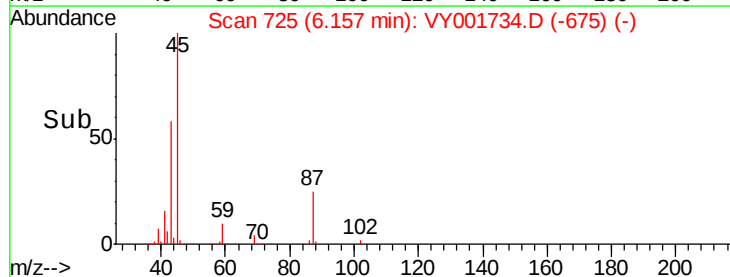
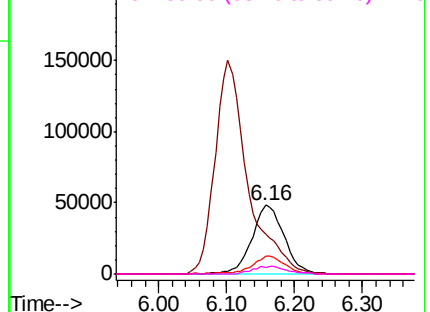
43 57.7 46.4 69.6

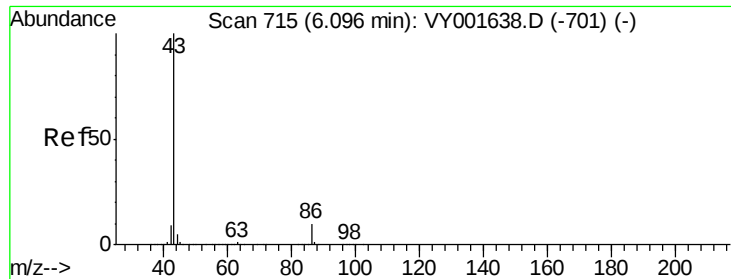
87 25.2 22.1 33.1

59 9.9 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

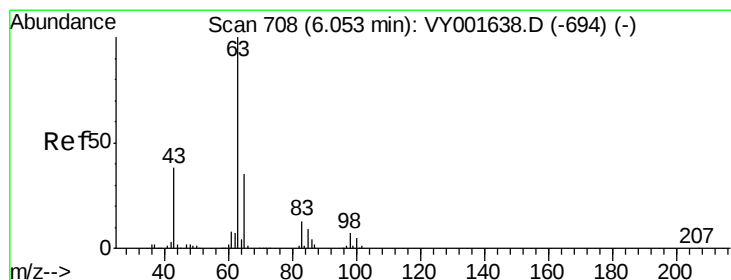
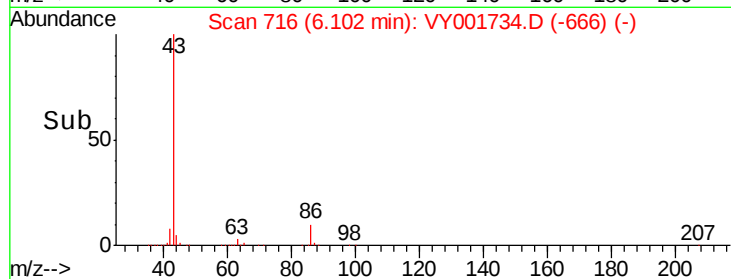
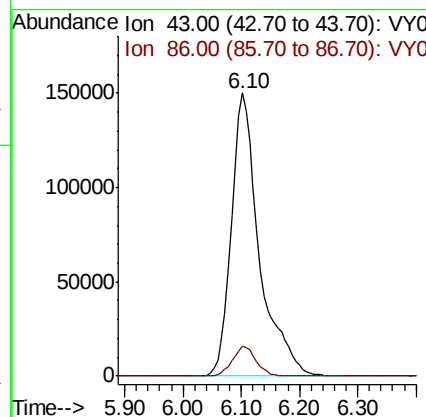
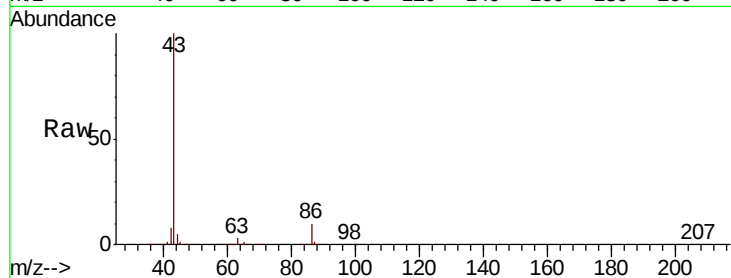




#23
 Vinyl Acetate
 Concen: 97.573 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

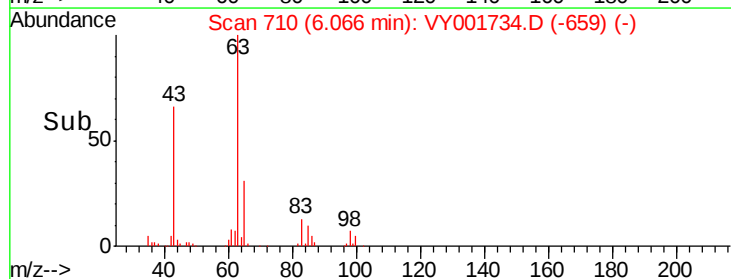
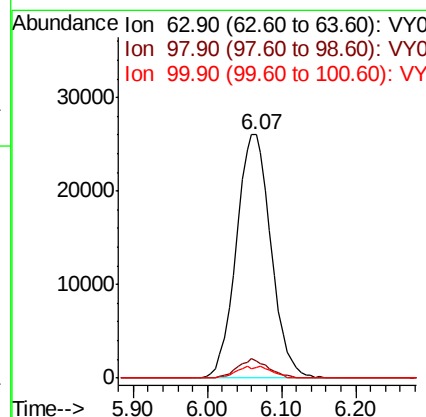
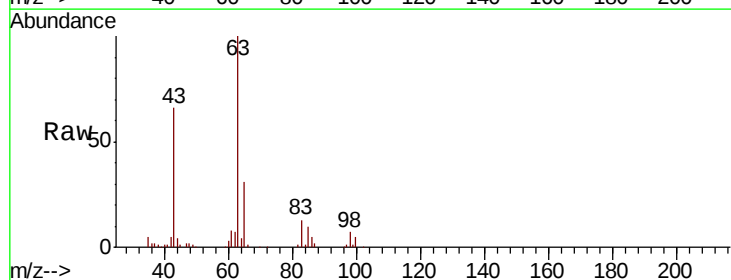
Instrument :
 MSVOA_Y
 ClientSampleId :

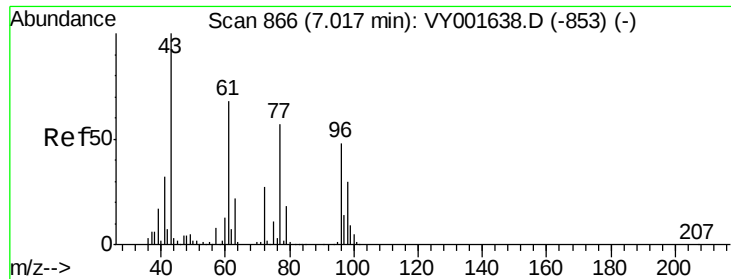
Tot Ion: 43 Resp: 501243
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.155 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion: 63 Resp: 84837
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.6 2.3 6.9

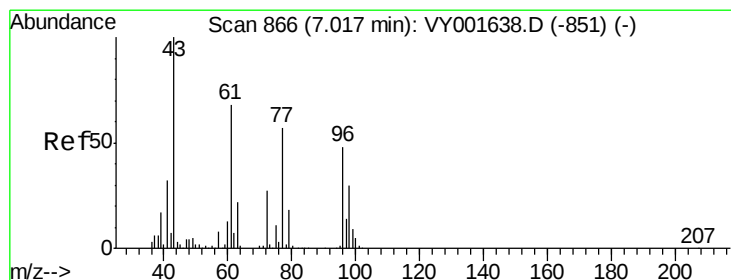
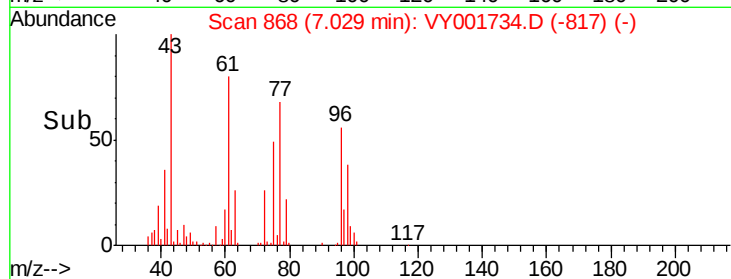
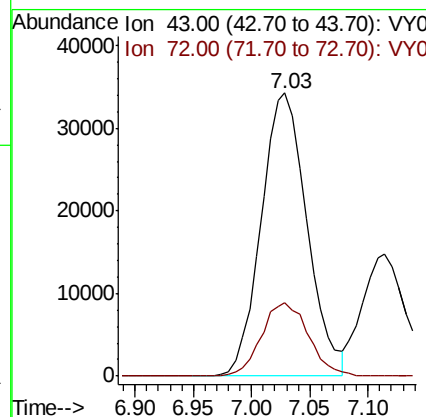
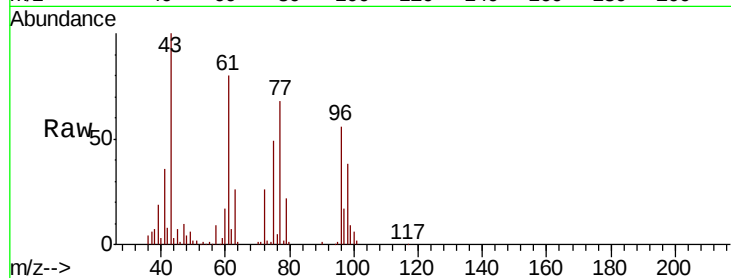




#25
2-Butanone
Concen: 92.918 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

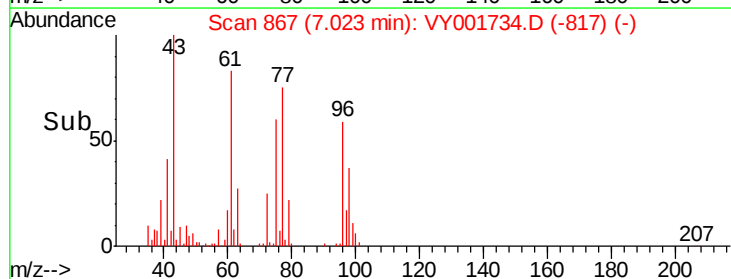
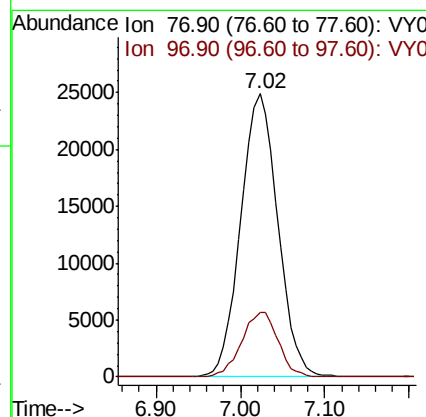
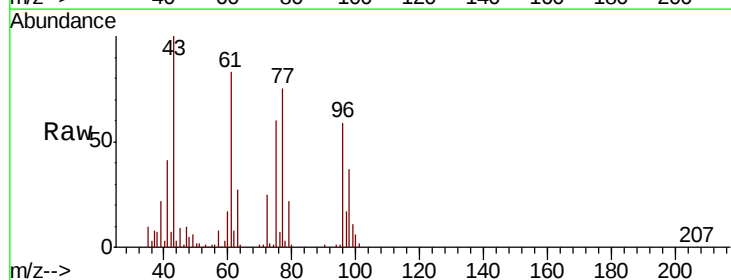
Instrument :
MSVOA_Y
ClientSampleId :

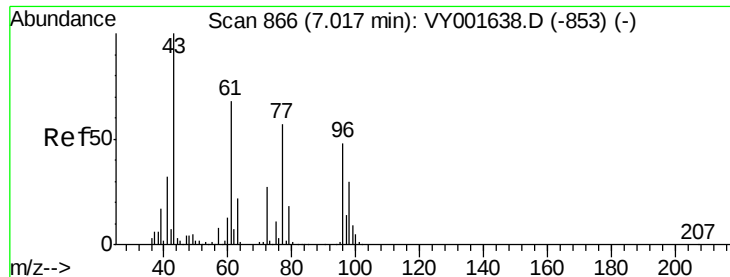
Tot Ion: 43 Resp: 93299
Ion Ratio Lower Upper
43 100
72 26.1 21.2 31.8



#26
2,2-Dichloropropane
Concen: 20.310 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 77 Resp: 74379
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4



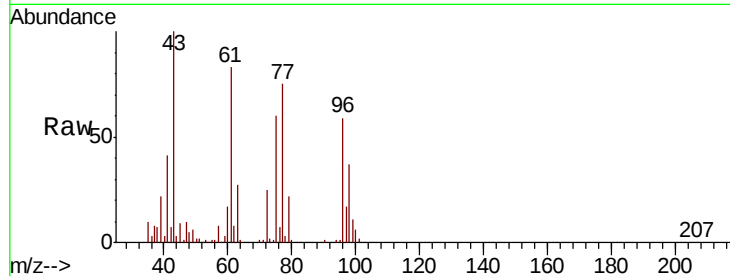


#27

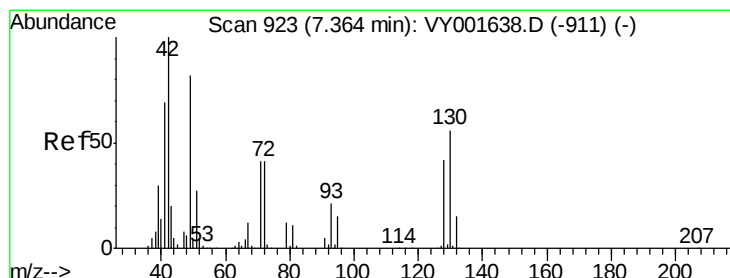
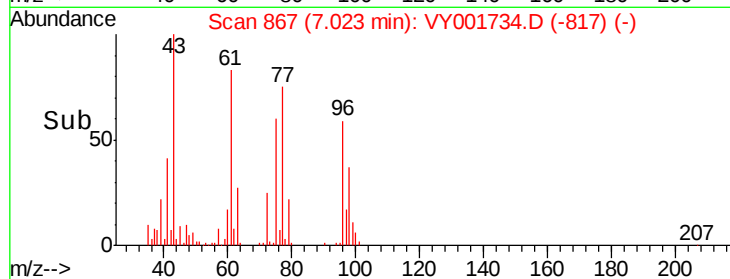
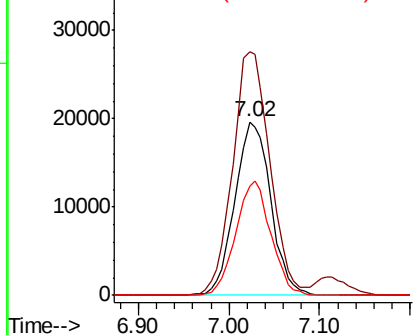
cis-1,2-Dichloroethene
Concen: 19.825 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	53800
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	290.8
98	64.4	0.0	128.6



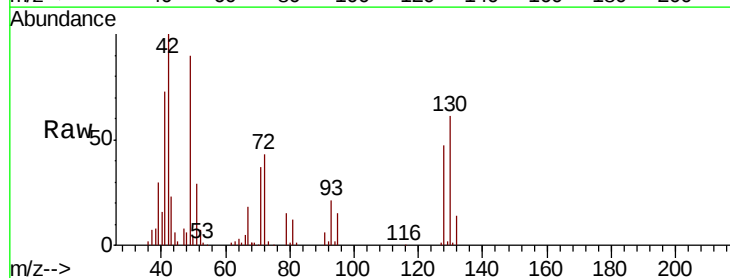
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



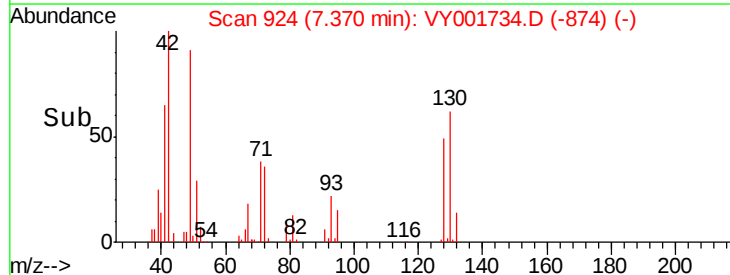
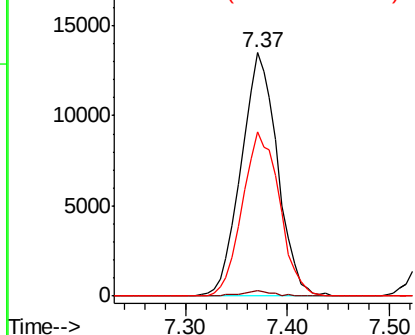
#28

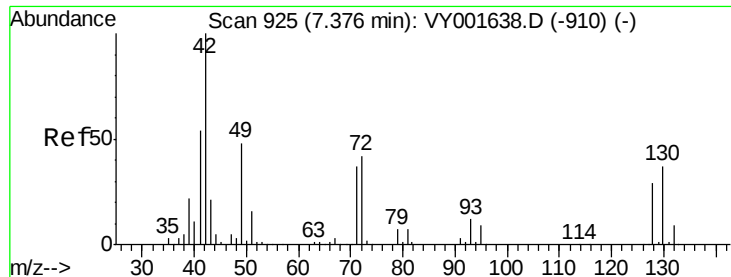
Bromochloromethane
Concen: 19.018 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion	49	Resp	33346
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.5	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

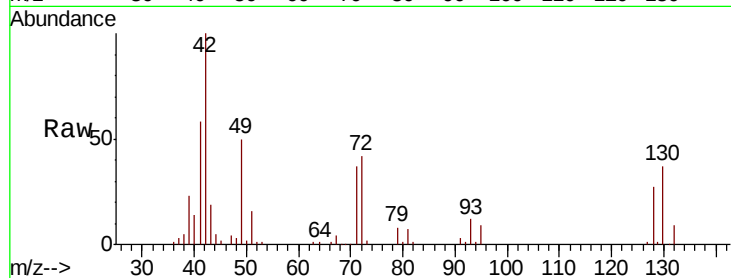




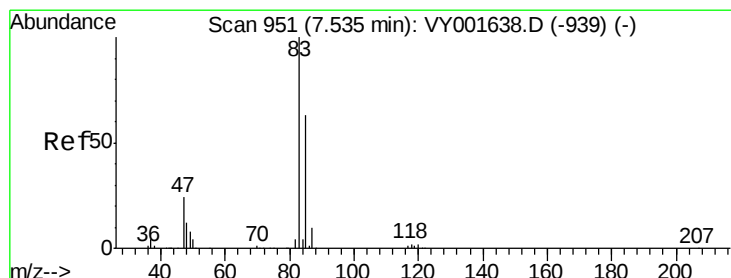
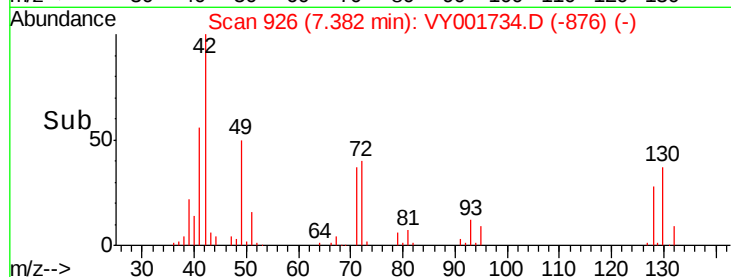
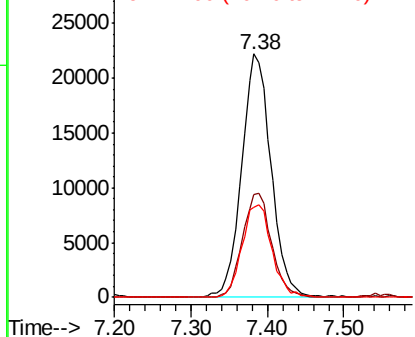
#29
Tetrahydrofuran
Concen: 97.970 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.4	51.6
71	38.5	31.8	47.8

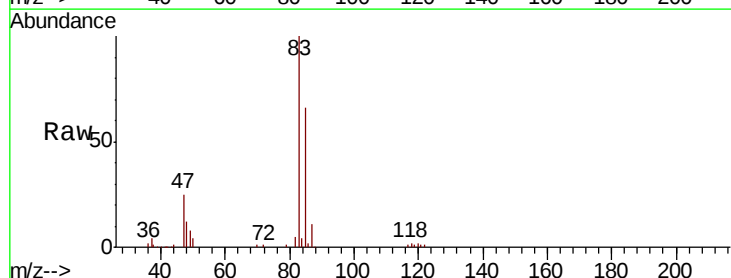


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

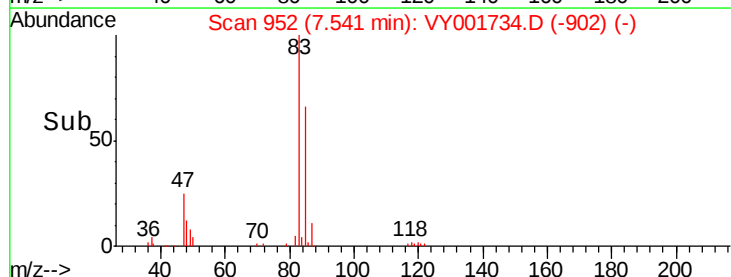
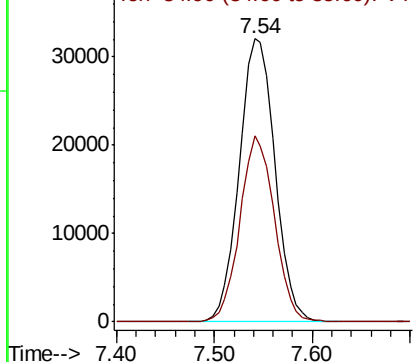


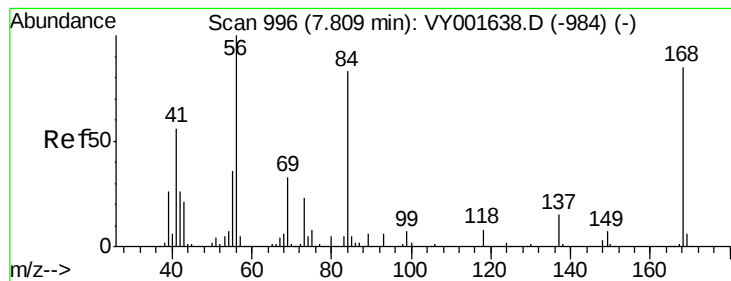
#30
Chloroform
Concen: 19.703 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	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: 19.629 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

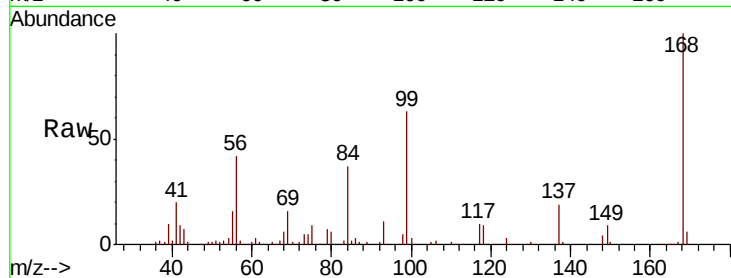
Tot Ion: 56 Resp: 88092

Ion Ratio Lower Upper

56 100

69 38.1 25.1 37.7#

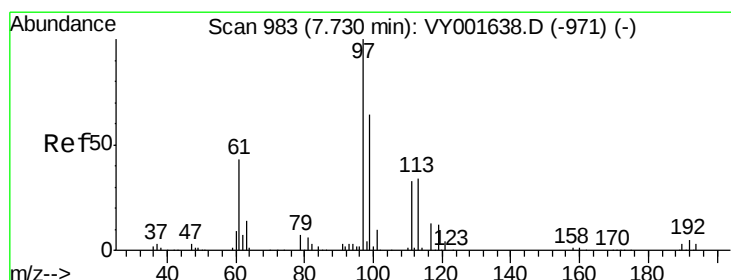
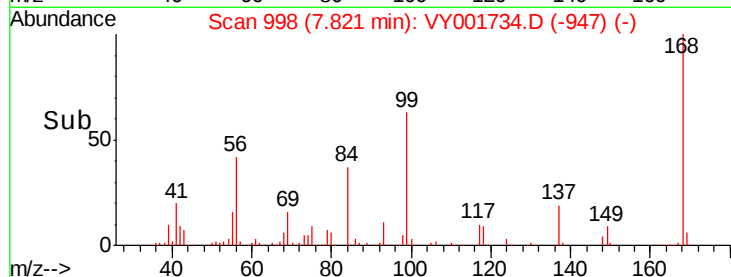
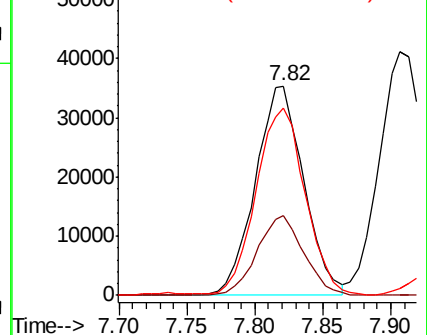
84 88.5 66.9 100.3



Abundance Ion 56.00 (55.70 to 56.70): VY001734.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001734.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001734.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 19.793 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

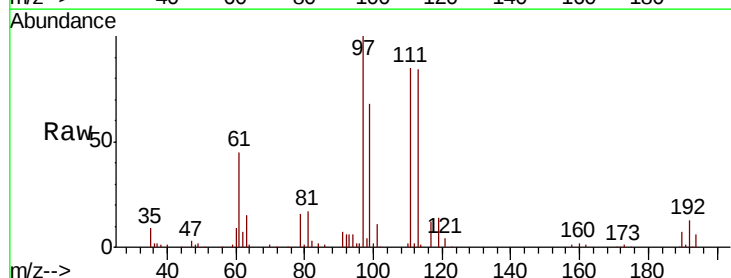
Tgt Ion: 97 Resp: 68421

Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

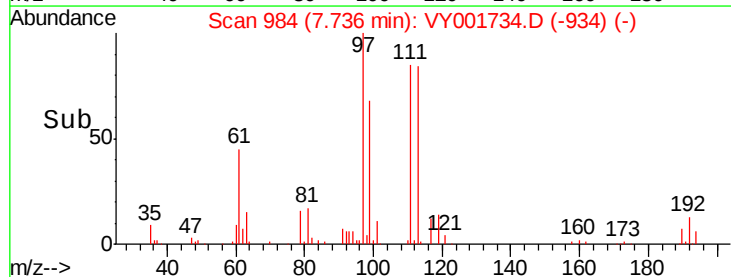
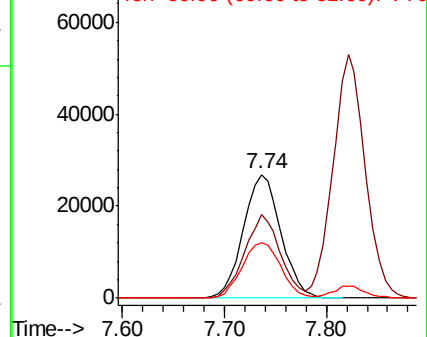
61 46.8 35.0 52.6

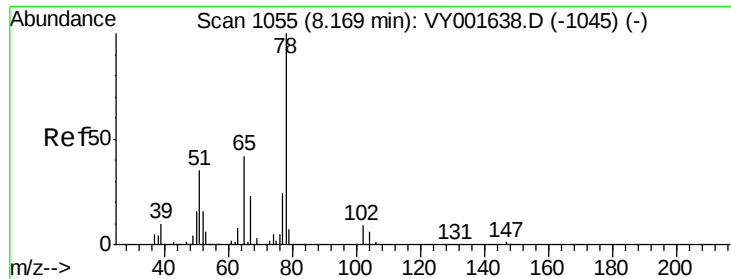


Abundance Ion 96.90 (96.60 to 97.60): VY001734.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001734.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001734.D (-934) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.518 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

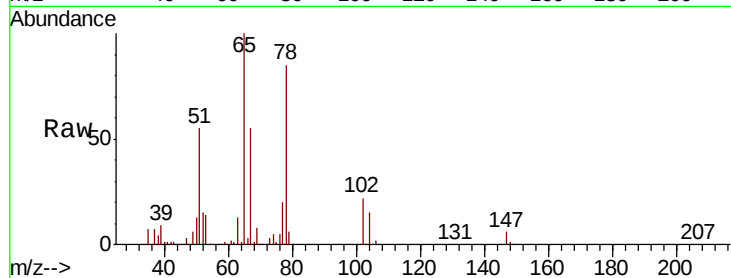
ClientSampled :

Tot Ion: 65 Resp: 105779

Ion Ratio Lower Upper

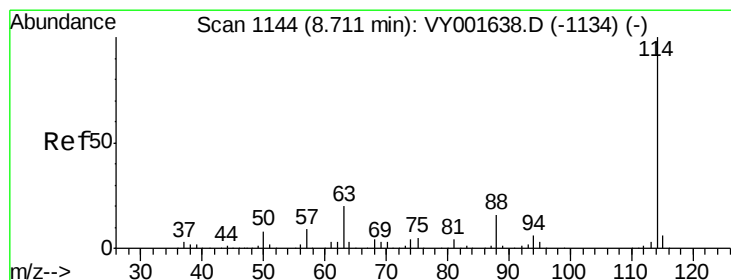
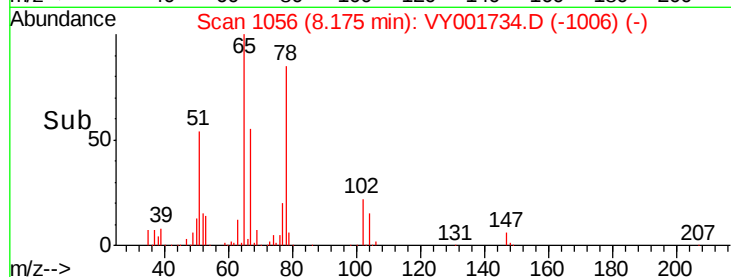
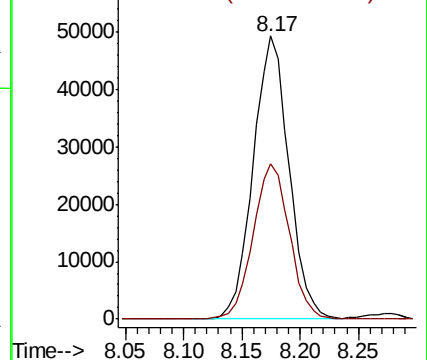
65 100

67 55.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

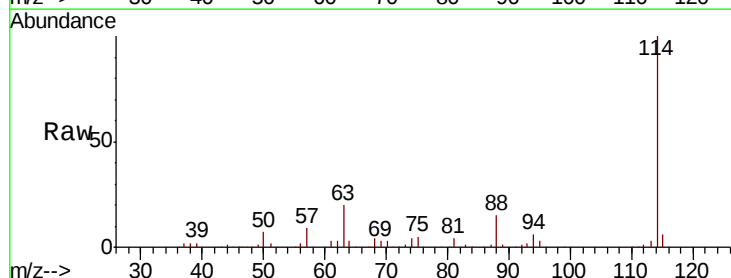
Tgt Ion: 114 Resp: 356430

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

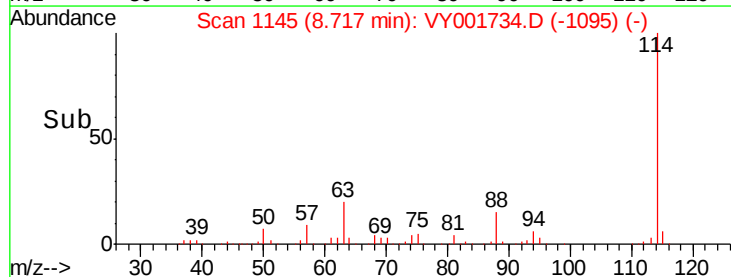
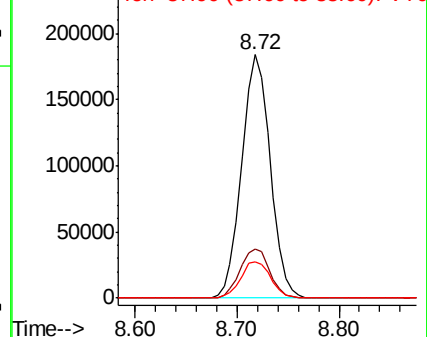
88 15.1 0.0 32.8

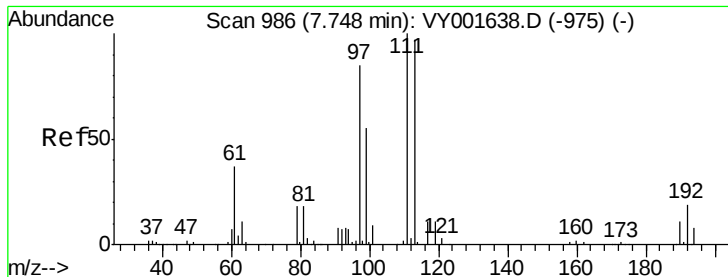


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

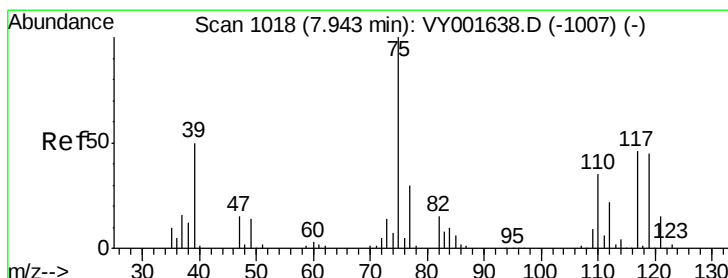
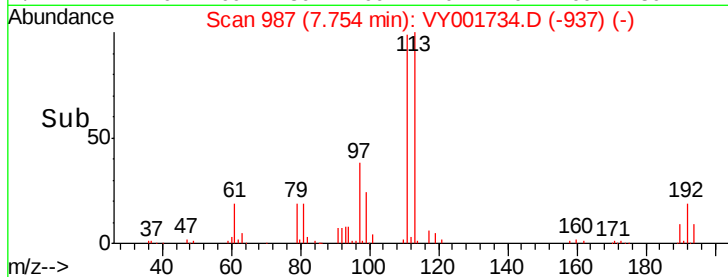
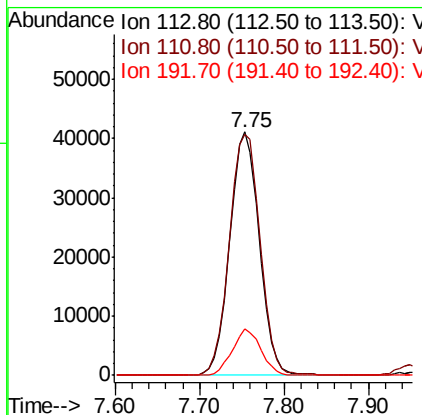
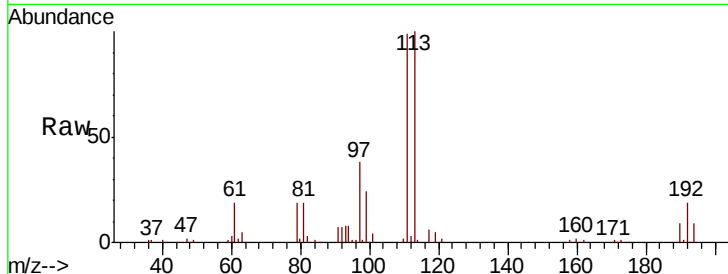




#35
 Dibromofluoromethane
 Concen: 47.675 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

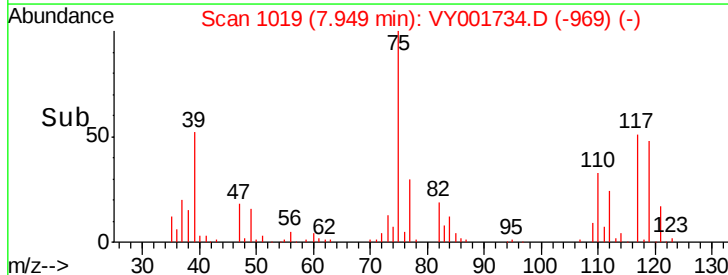
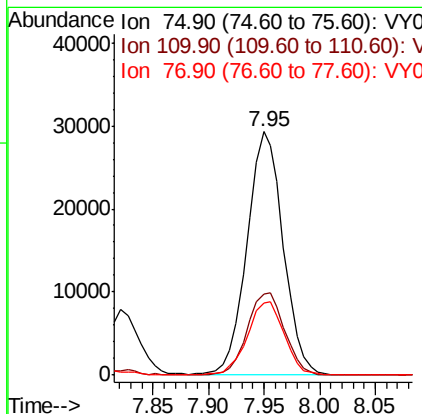
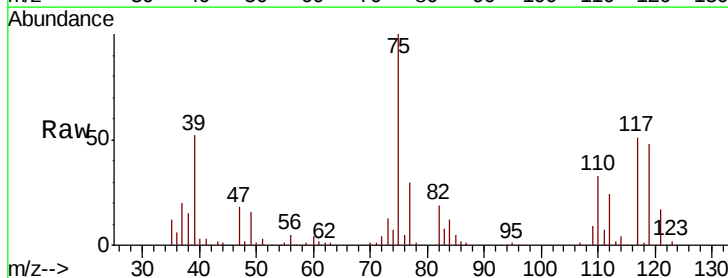
Instrument :
 MSVOA_Y
 ClientSampled :

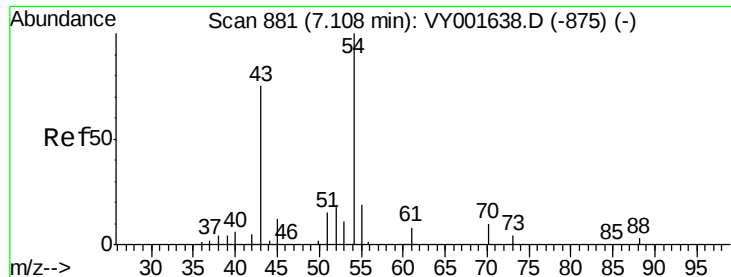
Tot Ion:113 Resp: 97327
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 18.4 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 19.497 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion: 75 Resp: 66378
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.2 51.6
 77 30.9 24.8 37.2

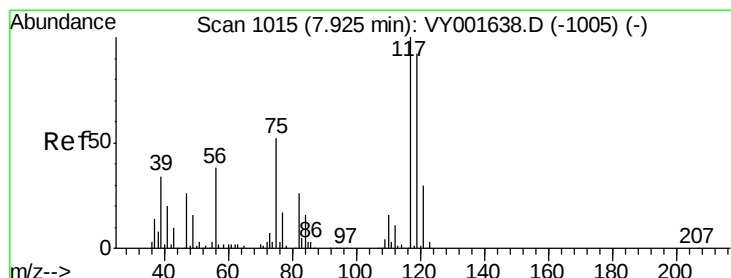
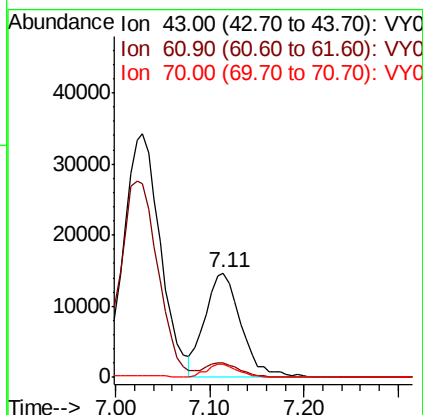
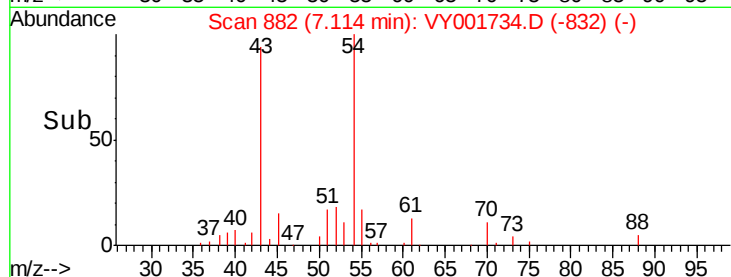
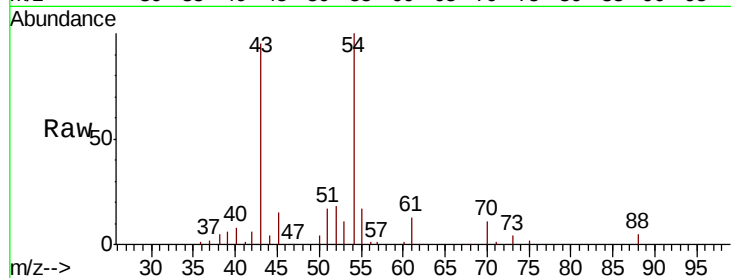




#37
Ethyl Acetate
Concen: 19.308 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

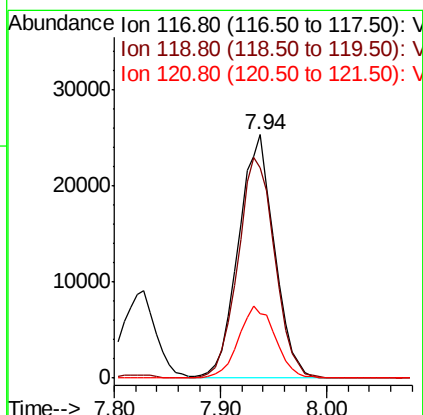
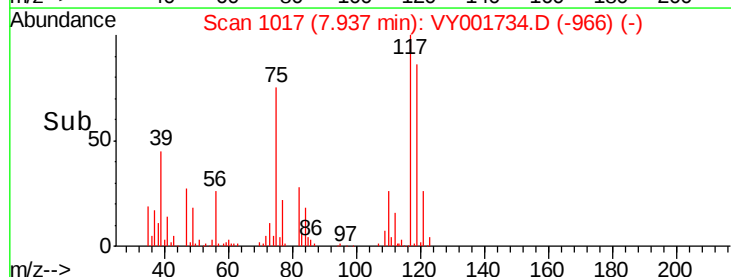
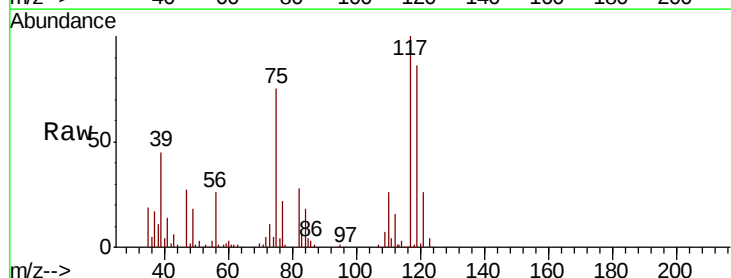
Instrument :
MSVOA_Y
ClientSampled :

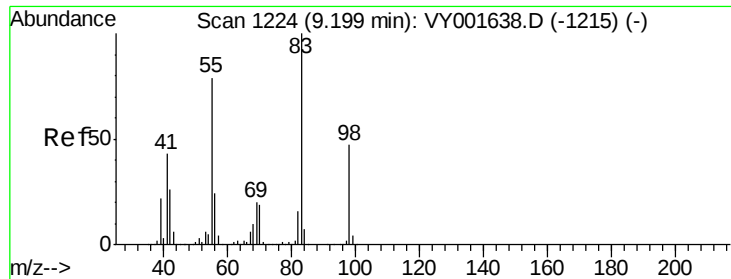
Tot Ion: 43 Resp: 39234
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.093 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 117 Resp: 60088
Ion Ratio Lower Upper
117 100
119 86.2 74.8 112.2
121 26.4 23.8 35.6

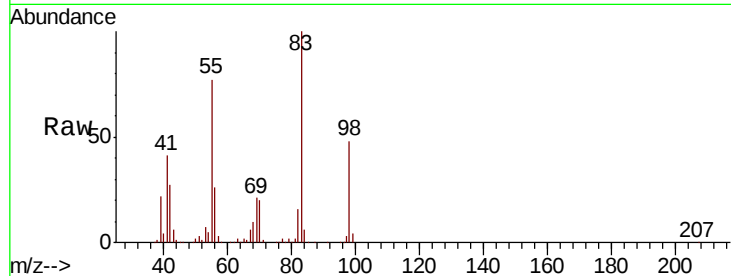




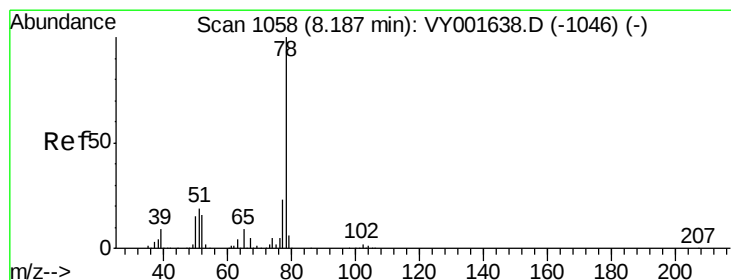
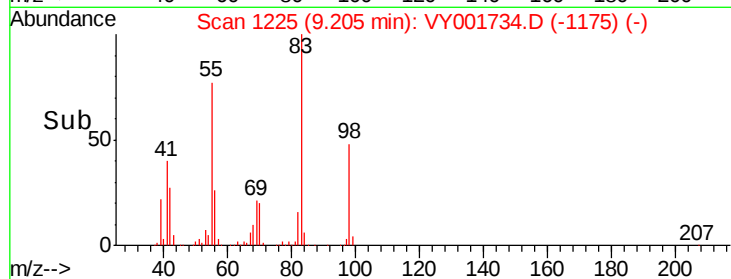
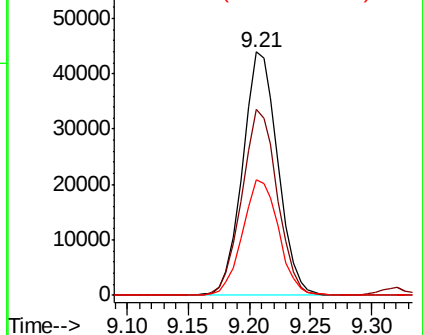
#39
Methvlcvclohexane
Concen: 19.451 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 87856
Ion Ratio Lower Upper
83 100
55 76.6 61.3 91.9
98 47.6 38.0 57.0

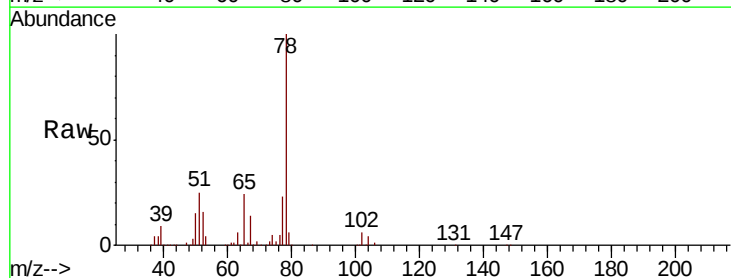


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

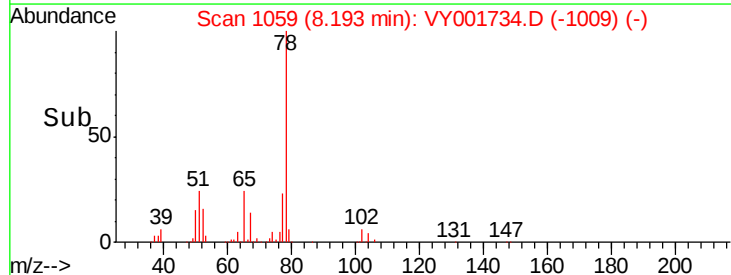
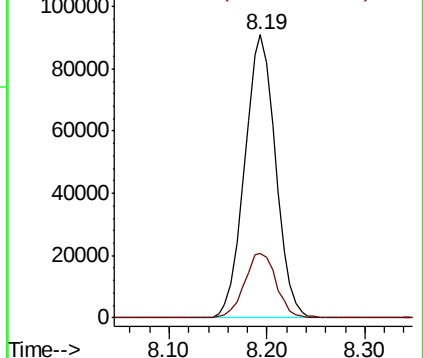


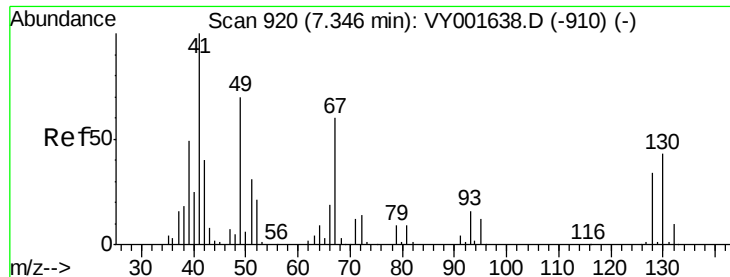
#40
Benzene
Concen: 19.928 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 78 Resp: 199546
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.4



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

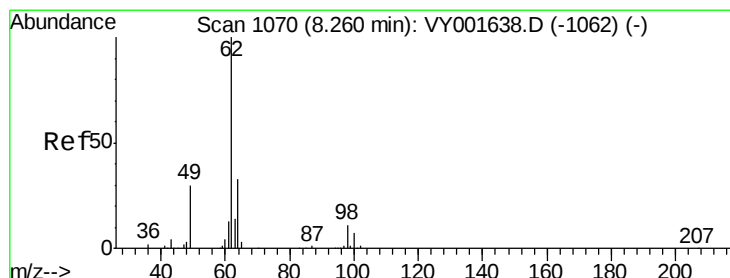
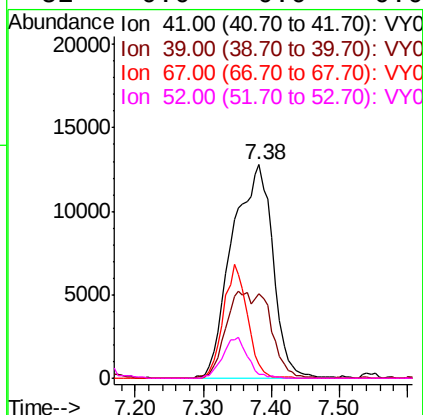
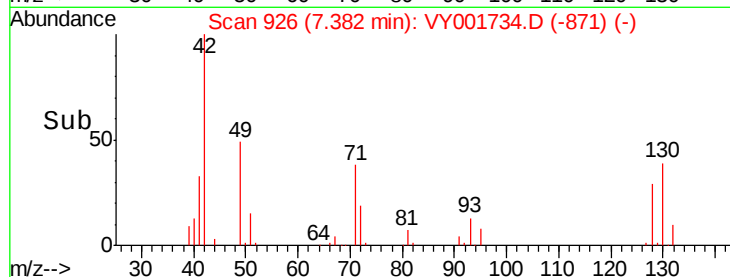
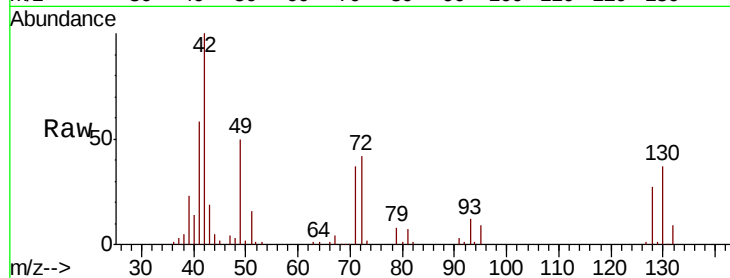




#41
Methacrylonitrile
Concen: 52.397 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

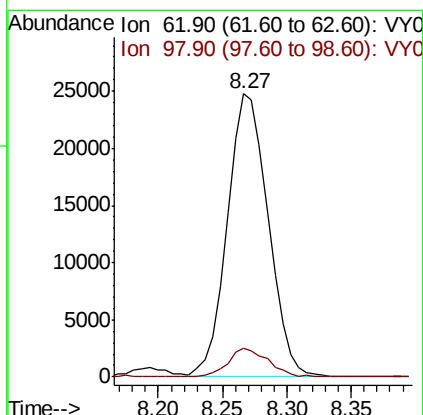
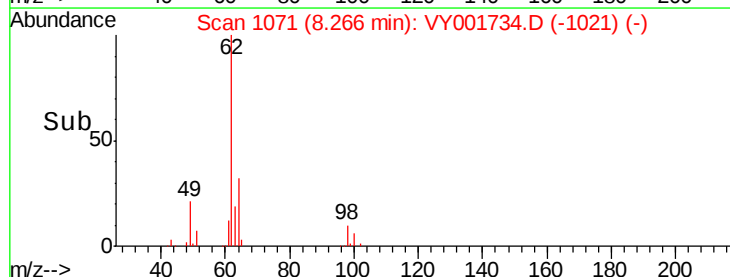
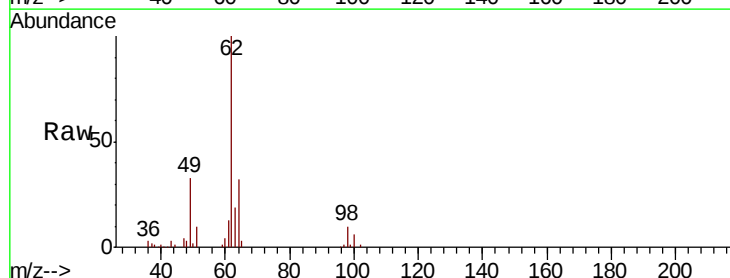
Instrument :
MSVOA_Y
ClientSampleId :

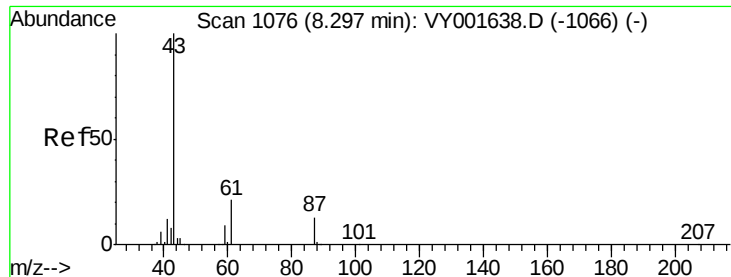
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.035 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.145 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

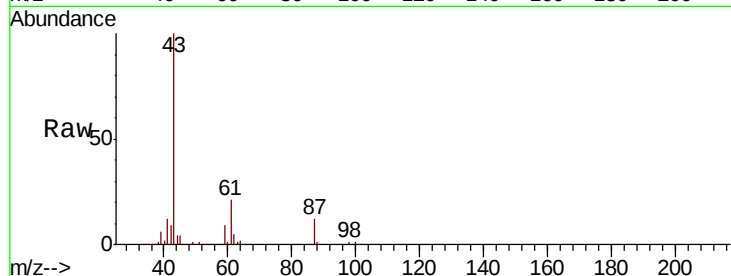
Tot Ion: 43 Resp: 73814

Ion Ratio Lower Upper

43 100

61 29.0 23.0 34.4

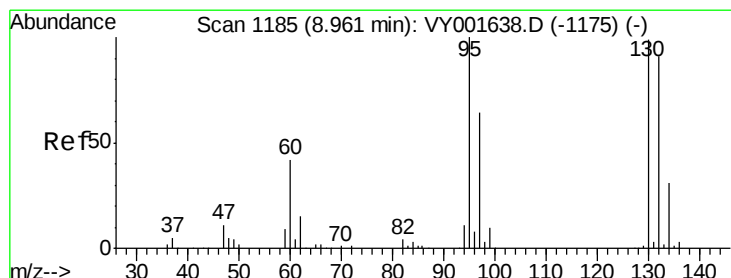
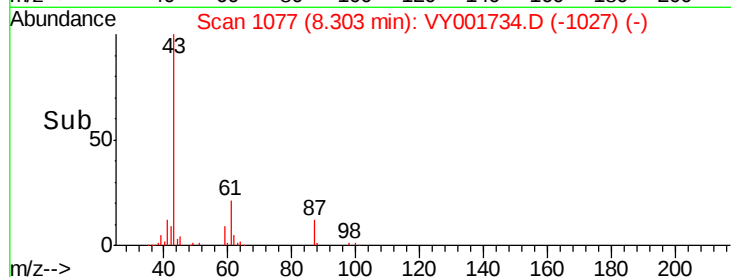
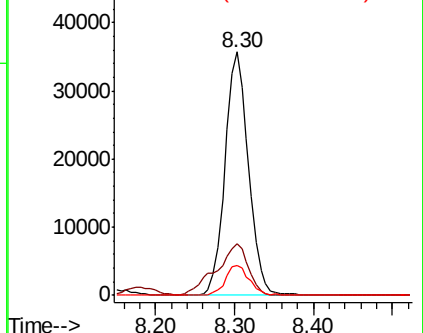
87 12.5 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001734.D (-1077) (-)

Ion 61.00 (60.70 to 61.70): VY001734.D (-1077) (-)

Ion 87.00 (86.70 to 87.70): VY001734.D (-1077) (-)



#44

Trichloroethene

Concen: 19.726 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001734.D

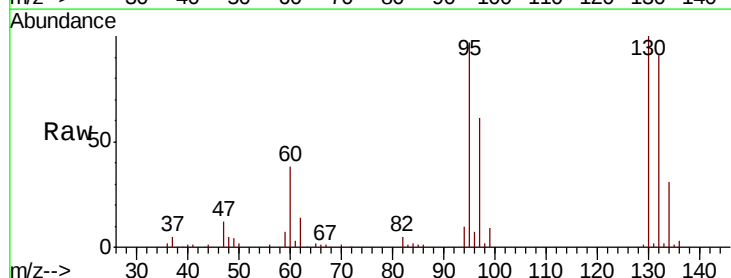
Acq: 21 Feb 2020 12:08

Tgt Ion: 130 Resp: 49306

Ion Ratio Lower Upper

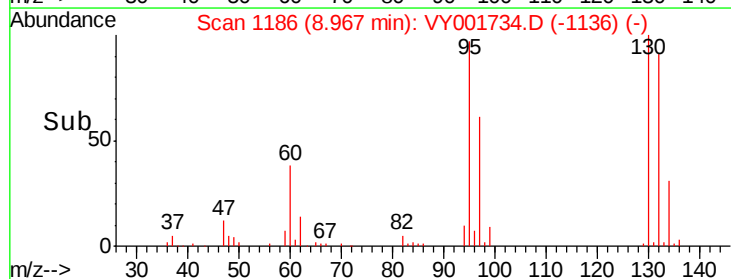
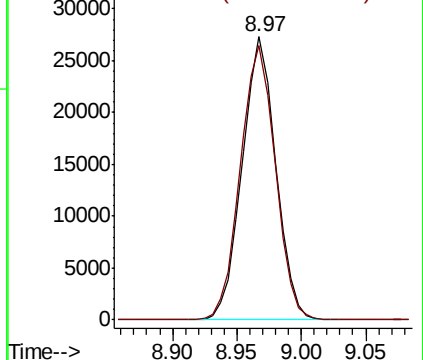
130 100

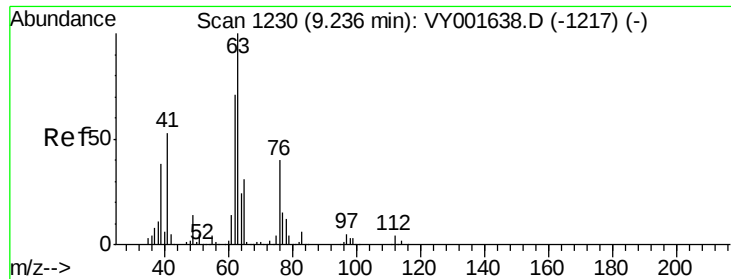
95 96.8 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001734.D (-1186) (-)

Ion 94.90 (94.60 to 95.60): VY001734.D (-1186) (-)

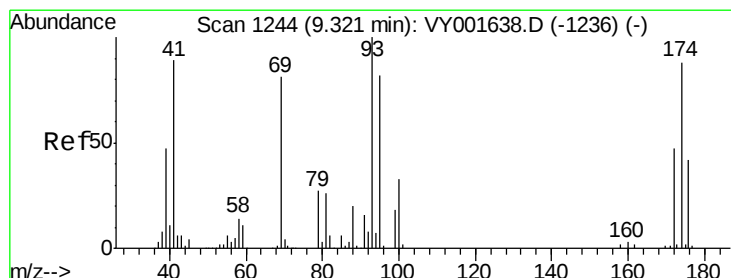
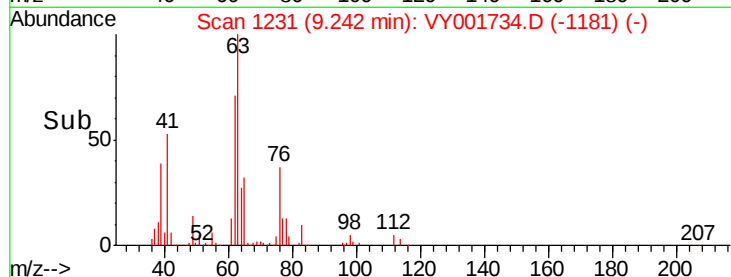
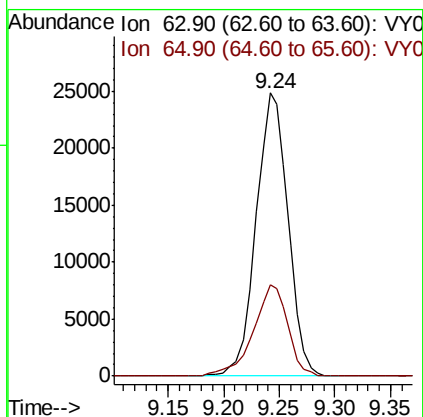
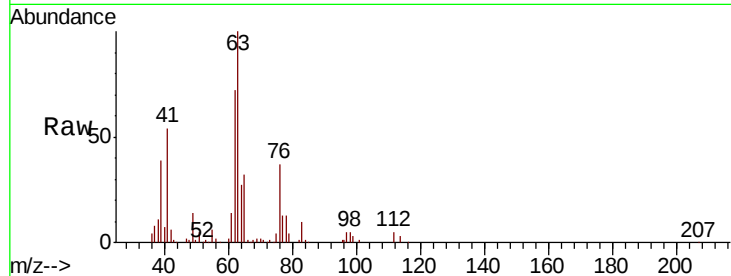




#45
 1,2-Dichloropropane
 Concen: 19.786 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

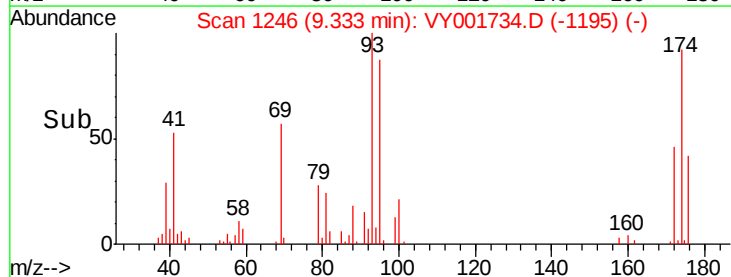
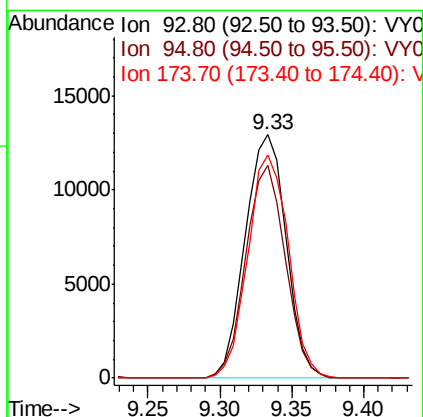
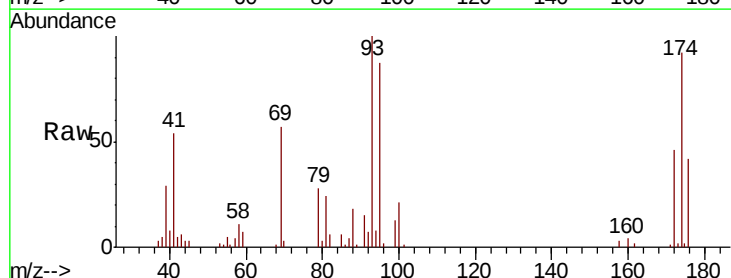
Instrument :
 MSVOA_Y
 ClientSampled :

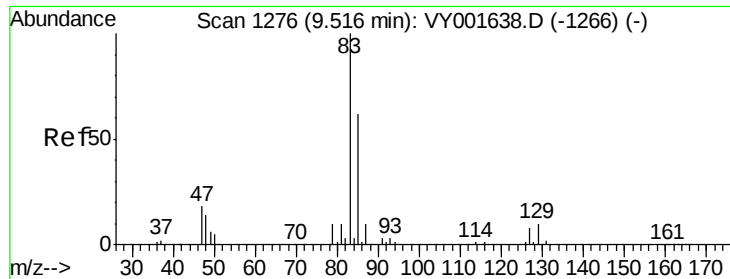
Tot Ion: 63 Resp: 49618
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.6 37.0



#46
 Dibromomethane
 Concen: 19.382 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion: 93 Resp: 25422
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.1 99.1
 174 90.7 72.5 108.7





#47

Bromodichloromethane

Concen: 19.368 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

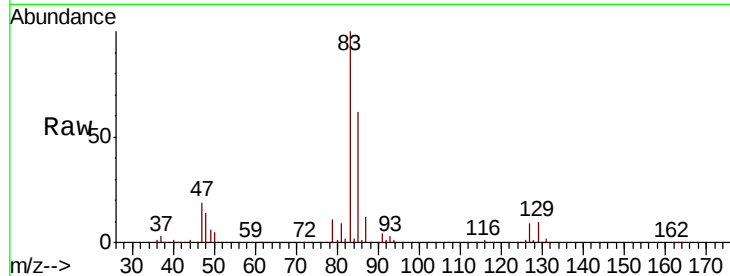
Tot Ion: 83 Resp: 61311

Ion Ratio Lower Upper

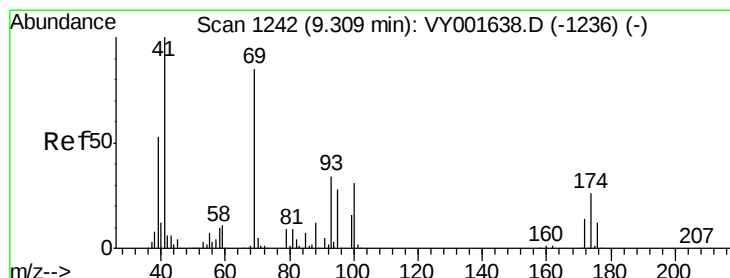
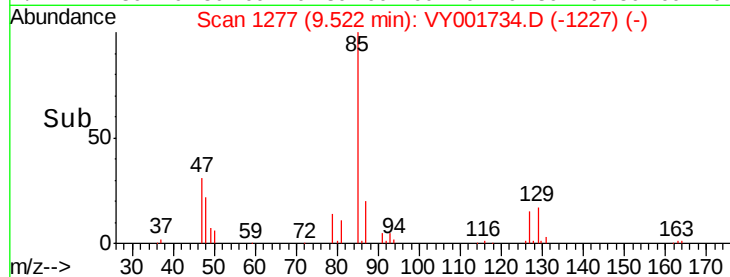
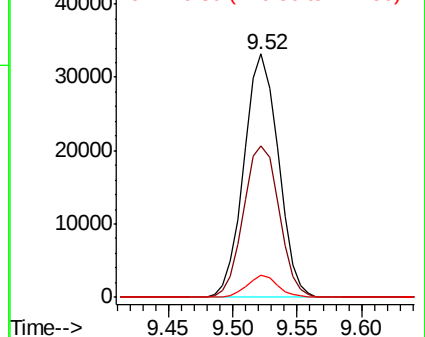
83 100

85 62.3 51.4 77.0

127 9.0 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): VY0



#48

Methyl methacrylate

Concen: 18.983 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

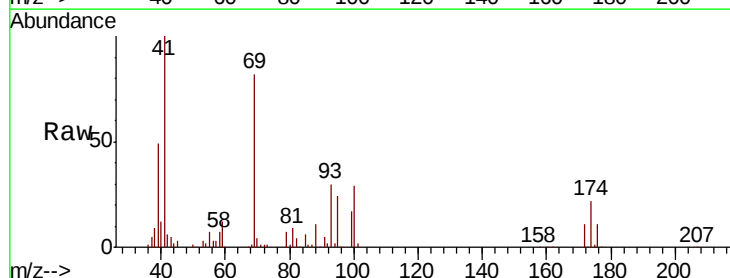
Tgt Ion: 41 Resp: 33100

Ion Ratio Lower Upper

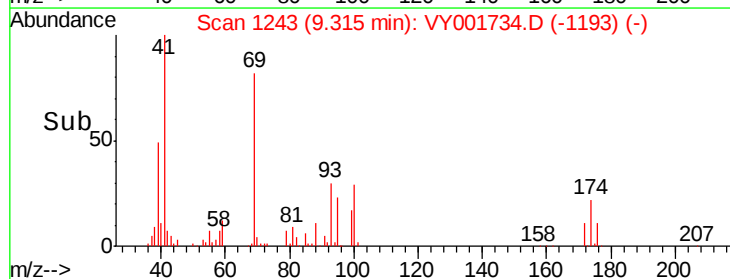
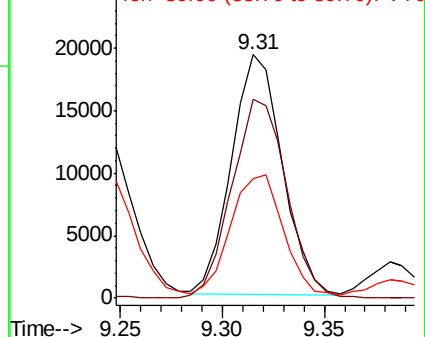
41 100

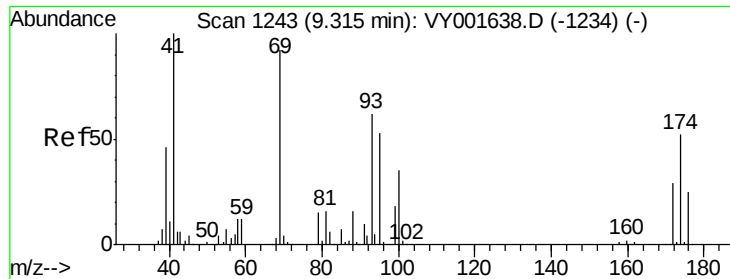
69 89.5 70.7 106.1

39 54.8 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: 364.693 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :

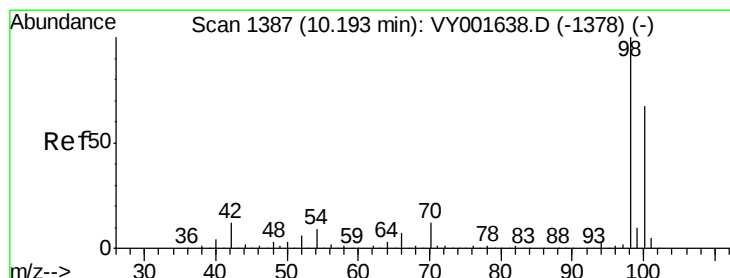
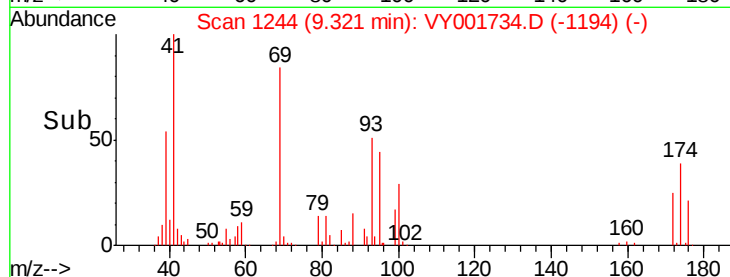
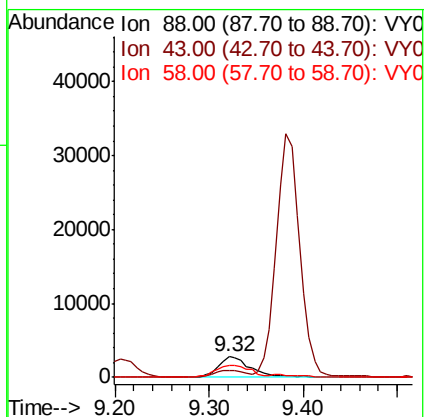
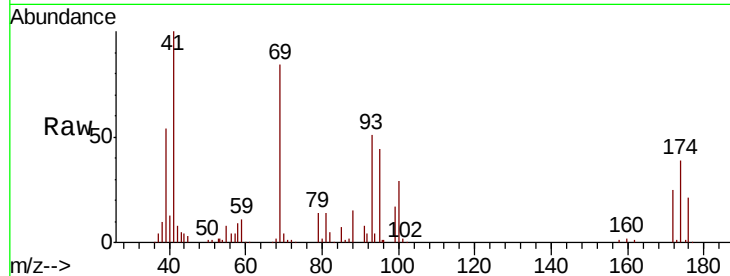
Tot Ion: 88 Resp: 6756

Ion Ratio Lower Upper

88 100

43 33.7 23.1 34.7

58 63.6 58.1 87.1



#50

Toluene-d8

Concen: 50.850 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001734.D

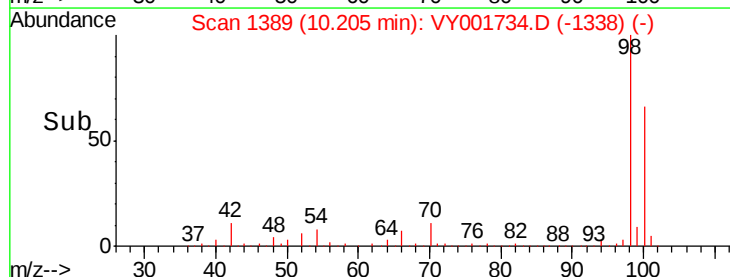
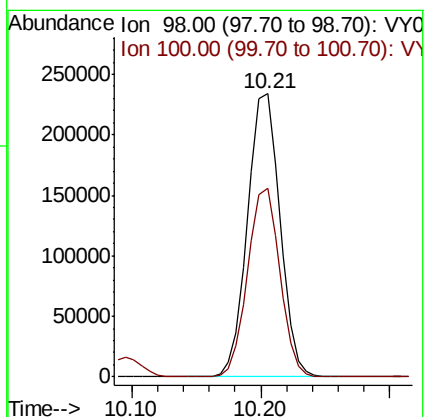
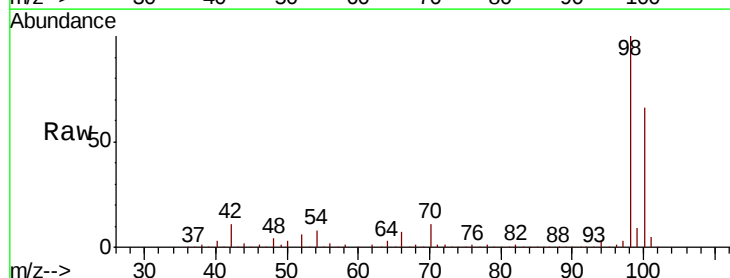
Acq: 21 Feb 2020 12:08

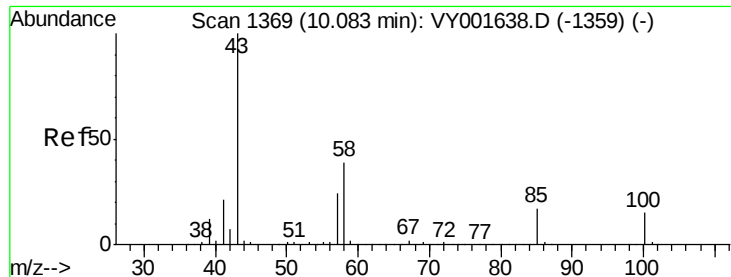
Tgt Ion: 98 Resp: 406689

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

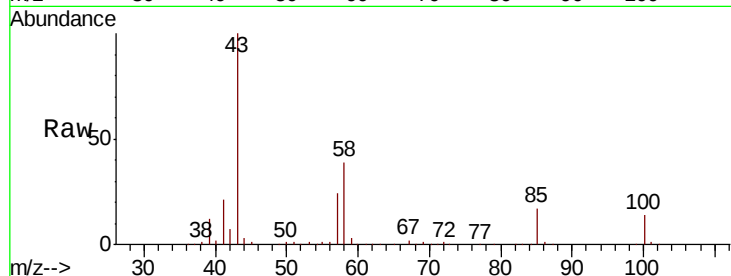




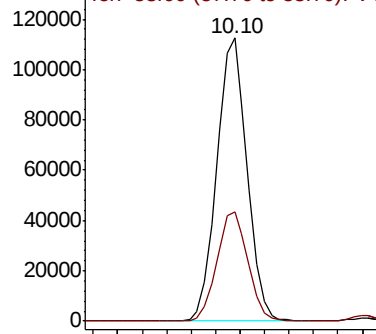
#51
4-Methyl-2-Pentanone
Concen: 97.544 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :

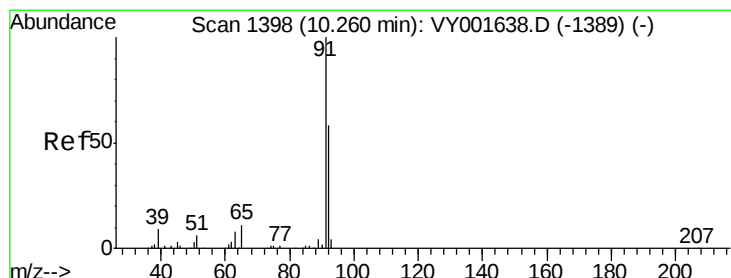
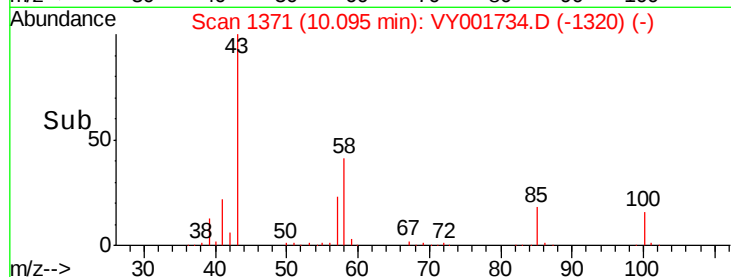
Tot Ion: 43 Resp: 193227
Ion Ratio Lower Upper
43 100
58 39.5 32.2 48.4



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

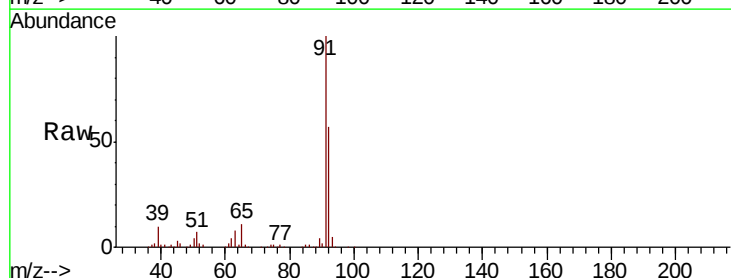


Time-->

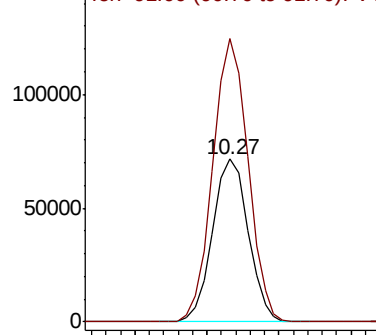


#52
Toluene
Concen: 19.721 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

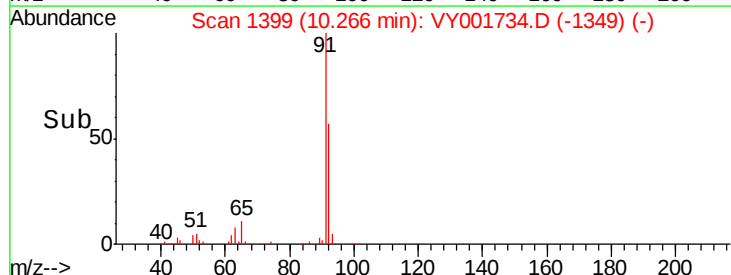
Tgt Ion: 92 Resp: 123174
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.6

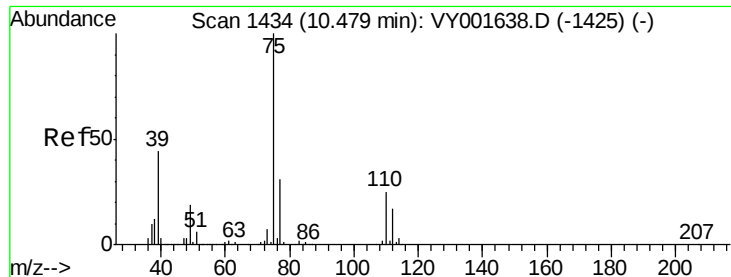


Abundance Ion 92.00 (91.70 to 92.70): VY0
Ion 91.00 (90.70 to 91.70): VY0



Time-->





#53

t-1,3-Dichloropropene

Concen: 19.442 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

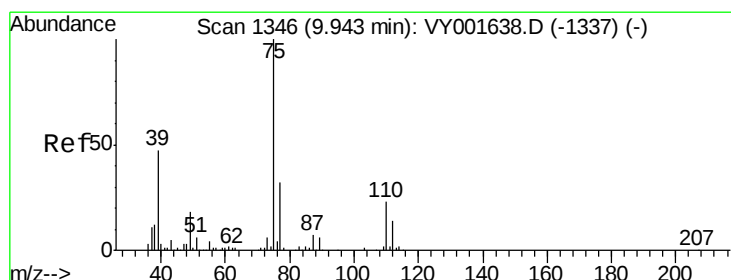
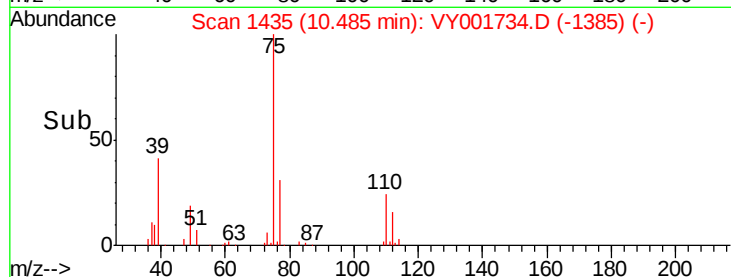
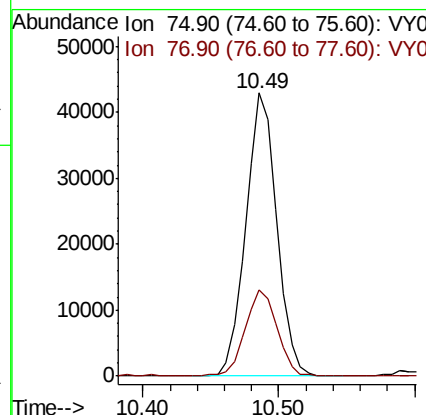
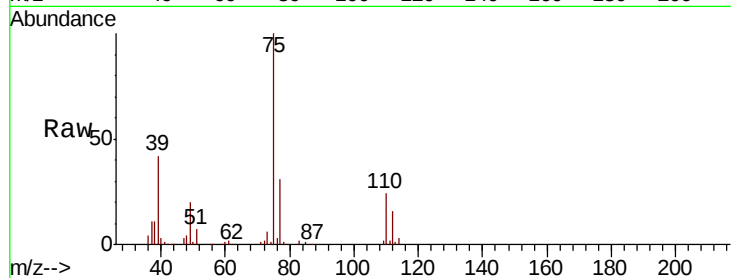
ClientSampleId :

Tot Ion: 75 Resp: 68038

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.499 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

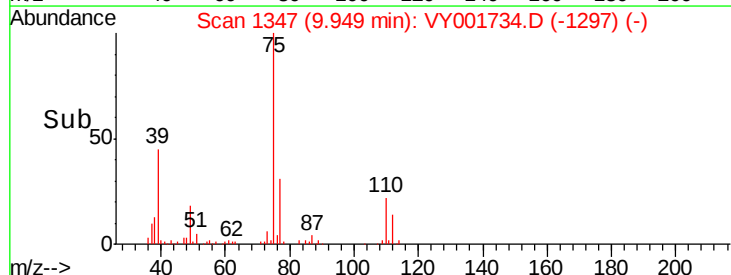
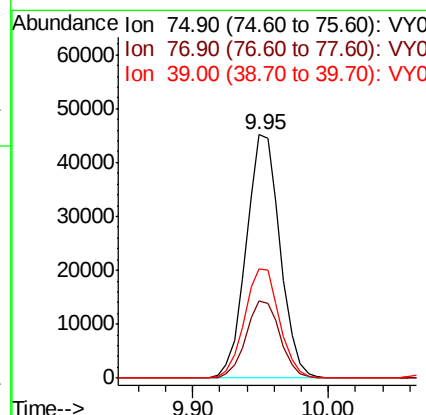
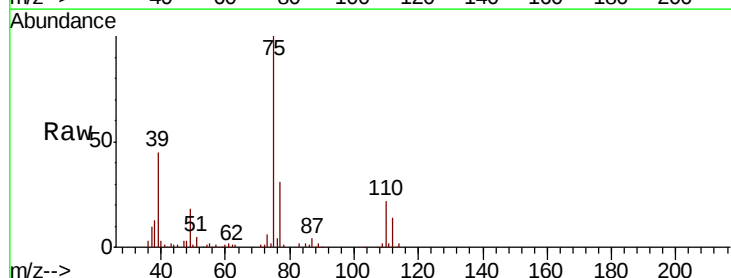
Tgt Ion: 75 Resp: 78538

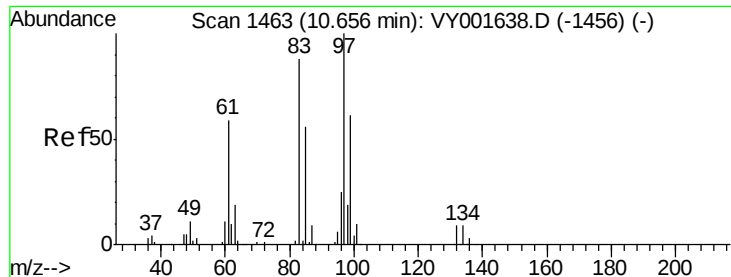
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 45.0 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 19.640 ug/l

RT: 10.67 min Scan# 1465

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 37984

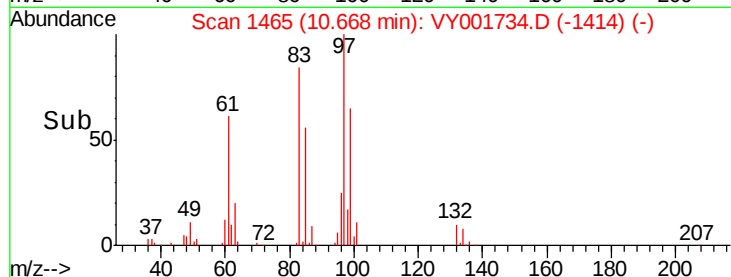
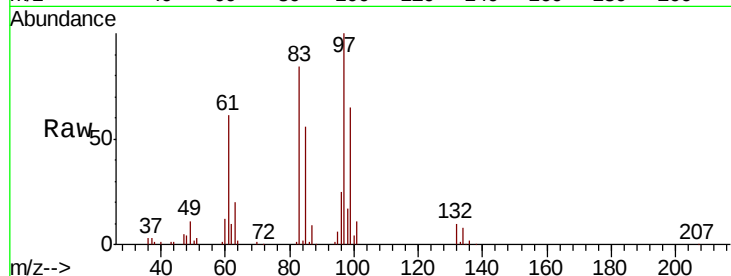
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.7	104.5
85	55.7	44.5	66.7
99	64.7	49.6	74.4

97 100

83 83.5 69.7 104.5

85 55.7 44.5 66.7

99 64.7 49.6 74.4



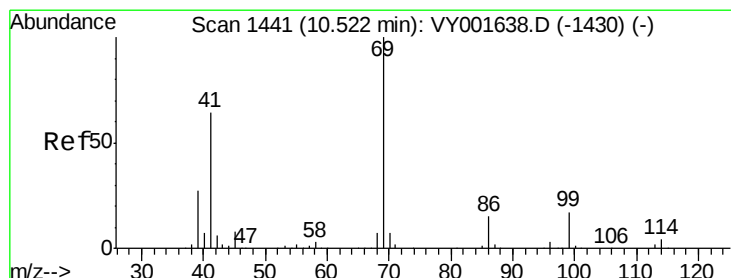
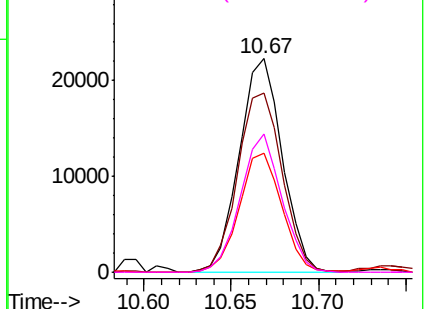
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.115 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

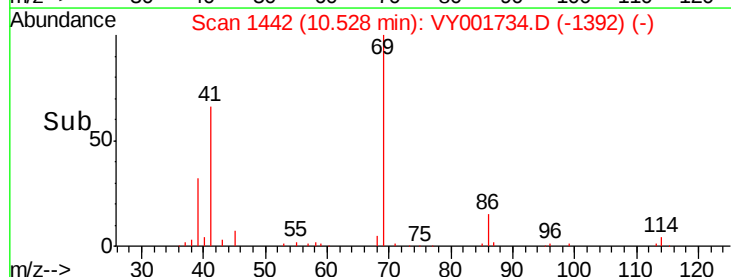
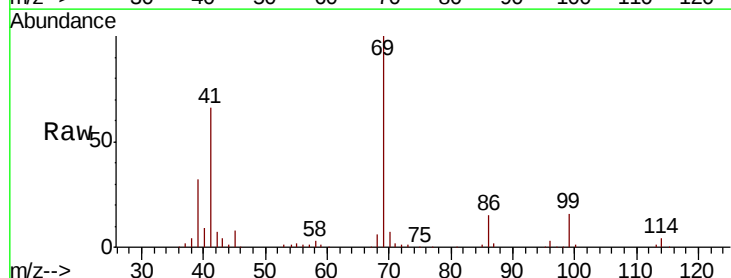
Tgt Ion: 69 Resp: 55460

Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.0	76.4
39	31.0	24.7	37.1

69 100

41 64.9 51.0 76.4

39 31.0 24.7 37.1

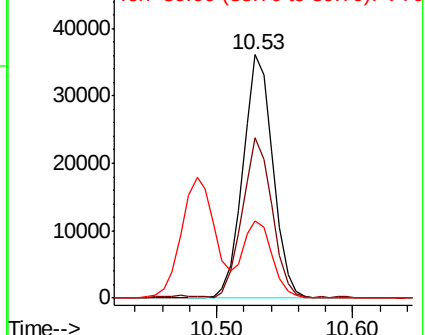


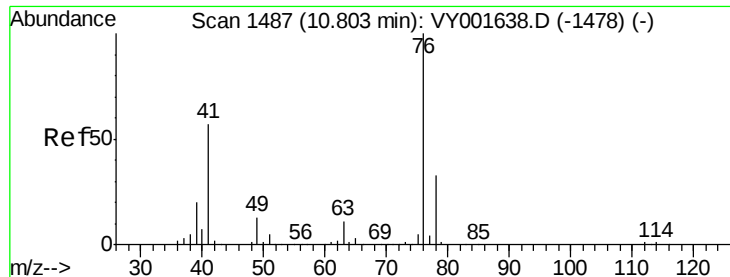
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 10.81 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

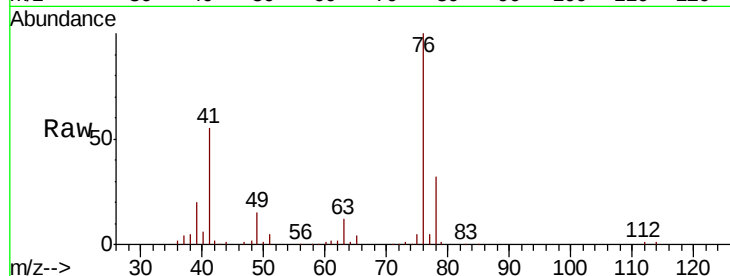
ClientSampled :

Tot Ion: 76 Resp: 68258

Ion Ratio Lower Upper

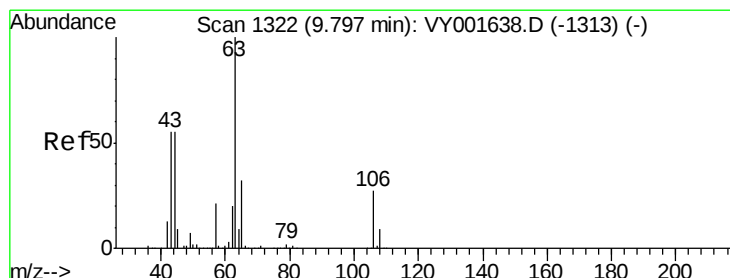
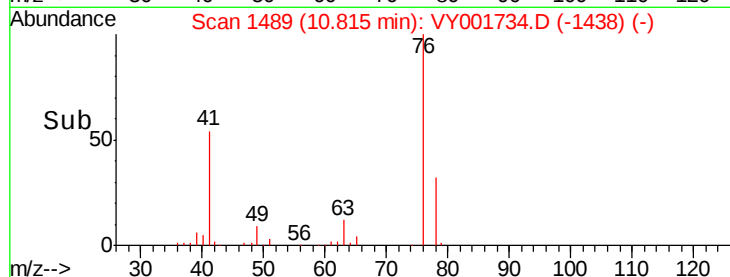
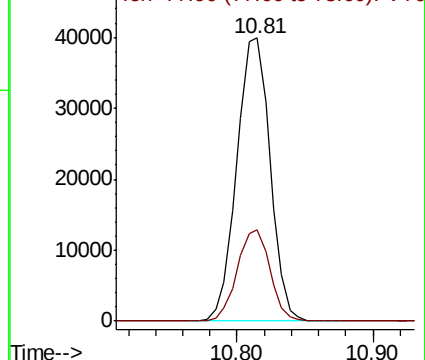
76 100

78 31.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 121.534 ug/l

RT: 9.81 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VY001734.D

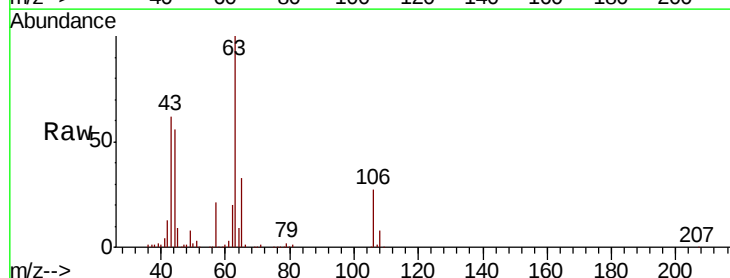
Acq: 21 Feb 2020 12:08

Tgt Ion: 63 Resp: 143331

Ion Ratio Lower Upper

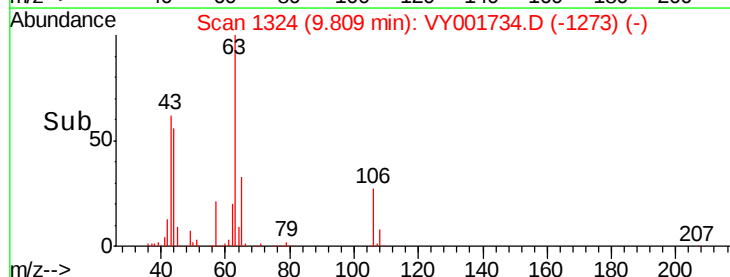
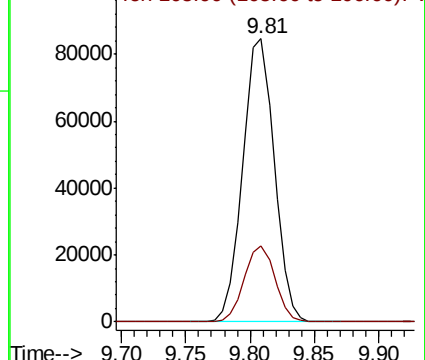
63 100

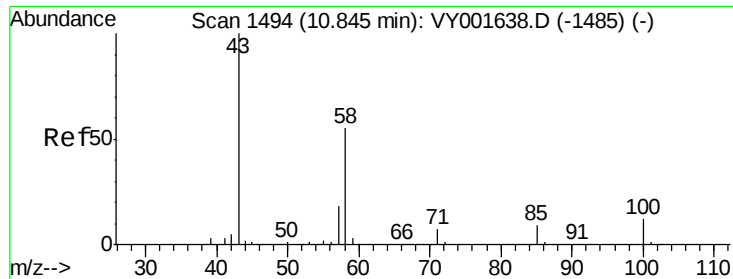
106 26.3 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

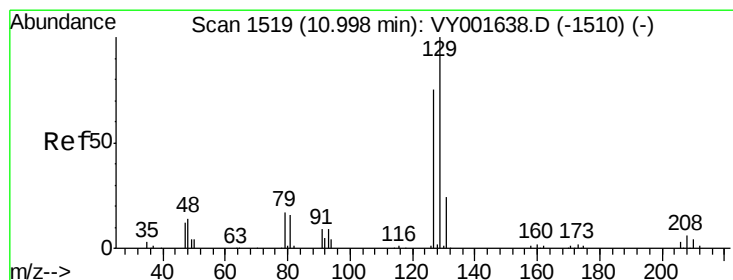
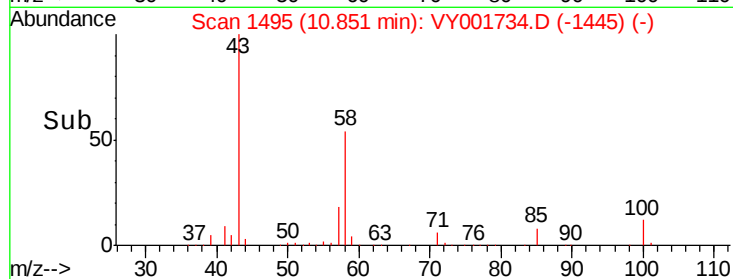
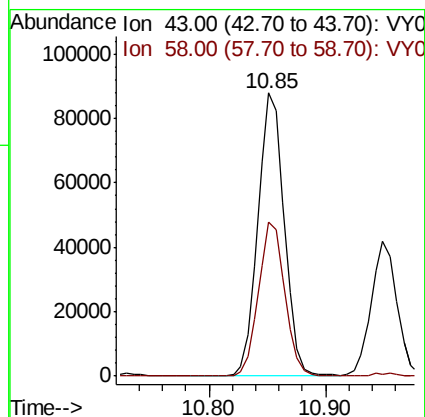
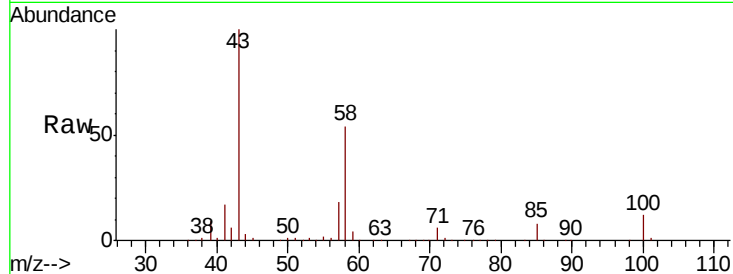




#59
2-Hexanone
Concen: 93.639 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

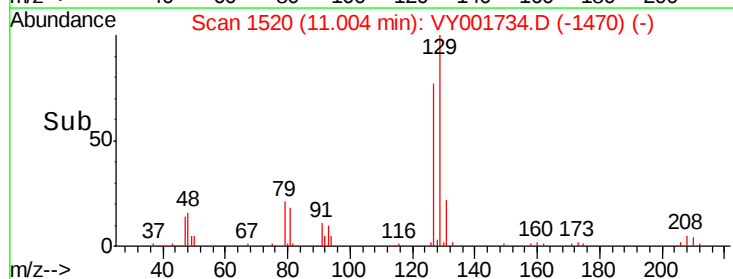
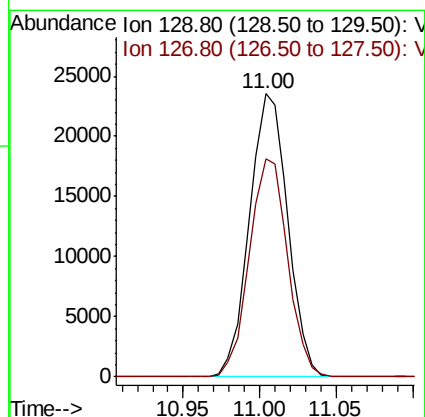
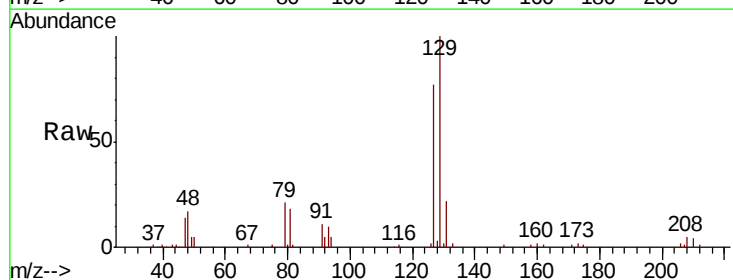
Instrument :
MSVOA_Y
ClientSampleId :

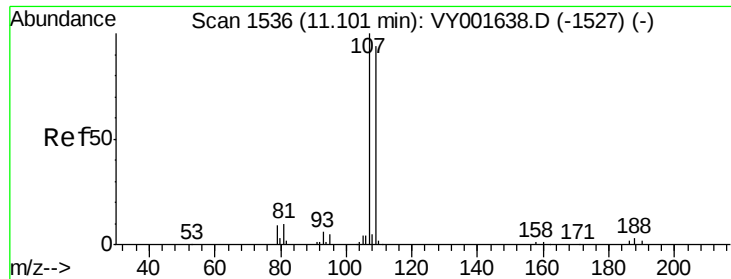
Tot Ion: 43 Resp: 139178
Ion Ratio Lower Upper
43 100
58 54.6 28.4 85.2



#60
Dibromochloromethane
Concen: 19.267 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion:129 Resp: 41082
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6

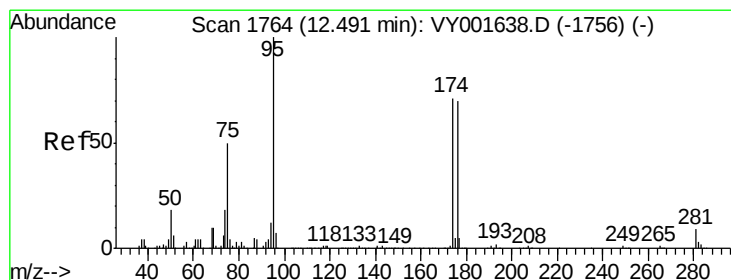
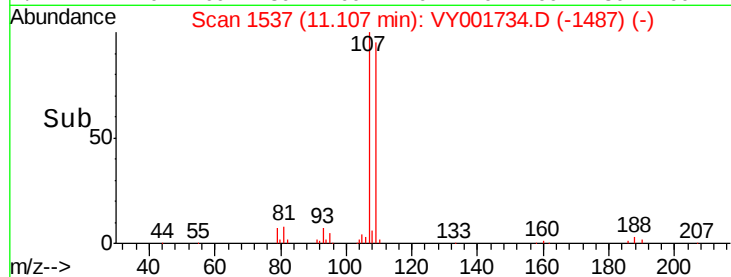
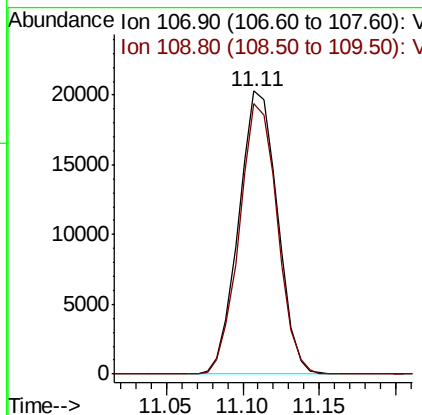
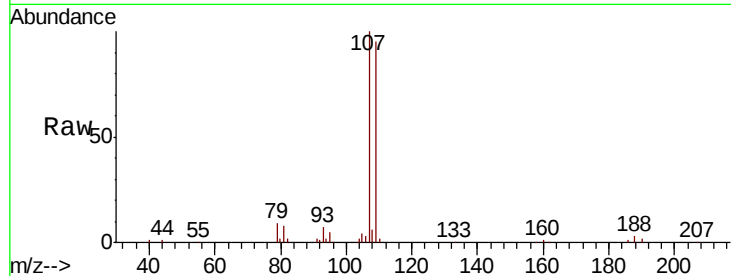




#61
 1,2-Dibromoethane
 Concen: 19.546 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

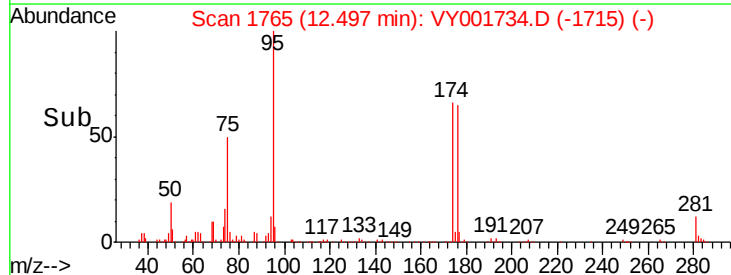
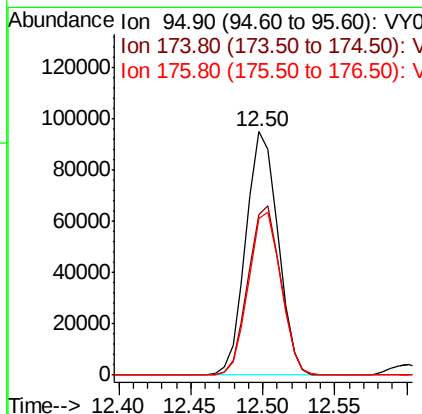
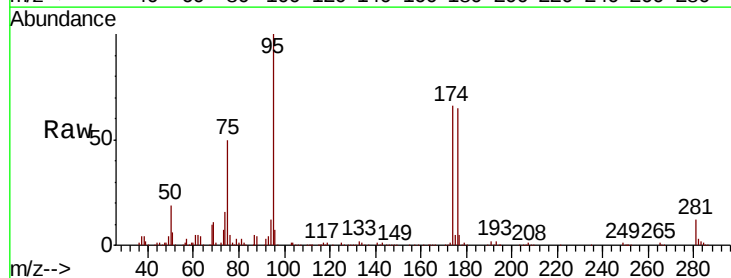
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 35743
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.287 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion: 95 Resp: 146925
 Ion Ratio Lower Upper
 95 100
 174 70.5 0.0 138.4
 176 67.7 0.0 131.8

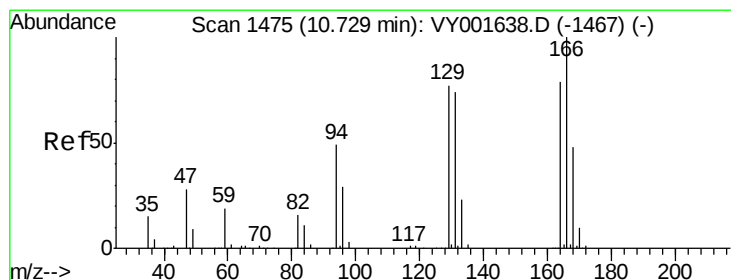
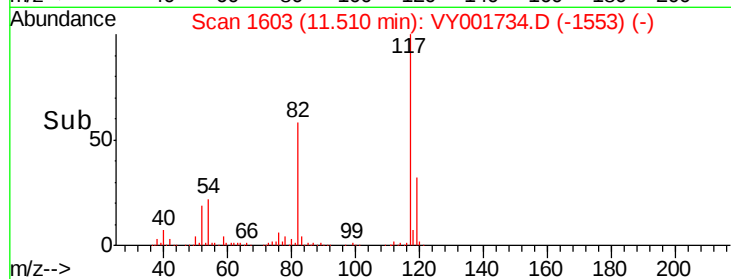
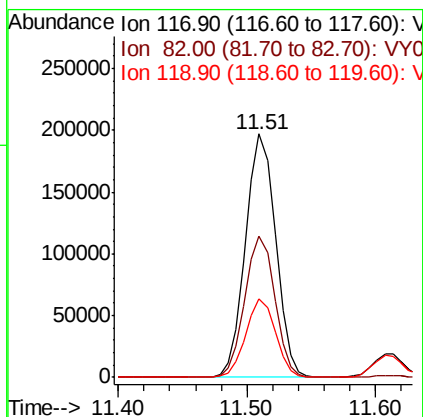
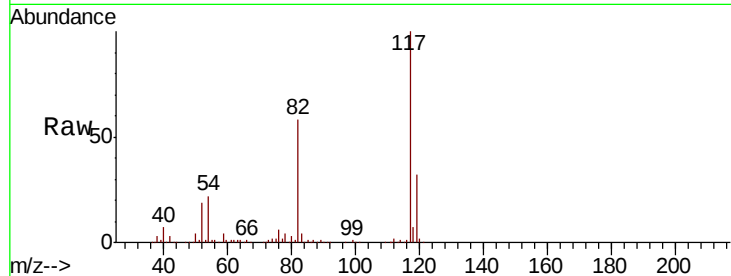




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

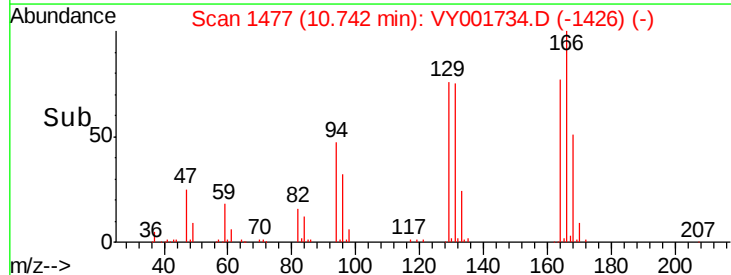
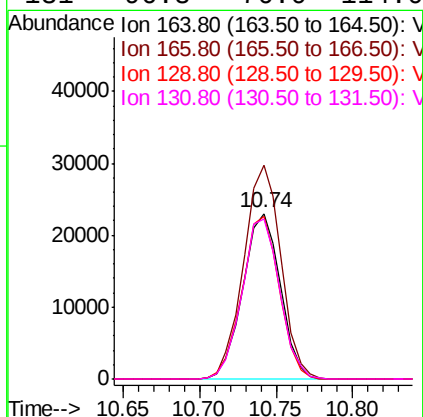
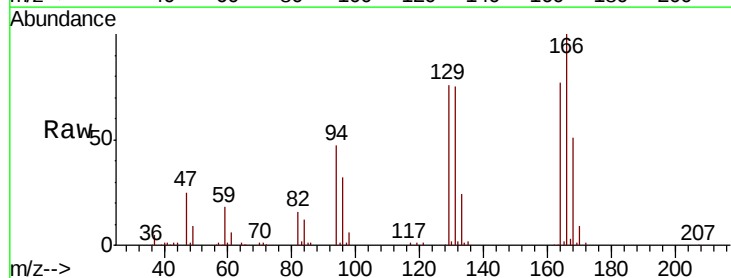
Instrument :
MSVOA_Y
ClientSampleId :

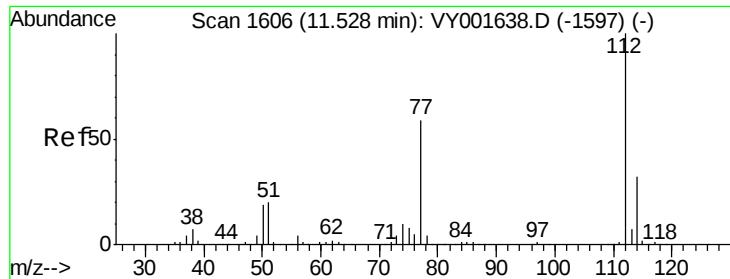
Tot Ion:117 Resp: 318676
Ion Ratio Lower Upper
117 100
82 58.2 45.5 68.3
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion:164 Resp: 39229
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 98.7 78.7 118.1
131 96.8 76.0 114.0

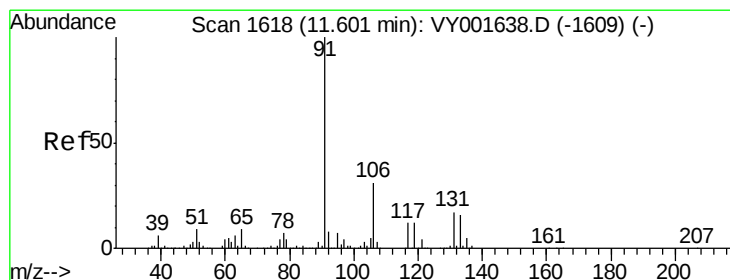
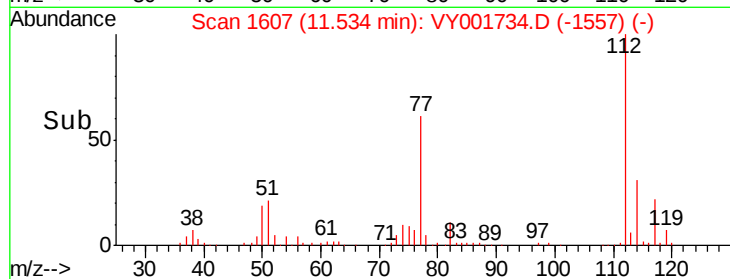
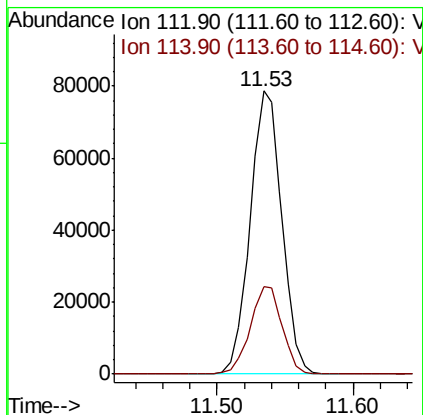
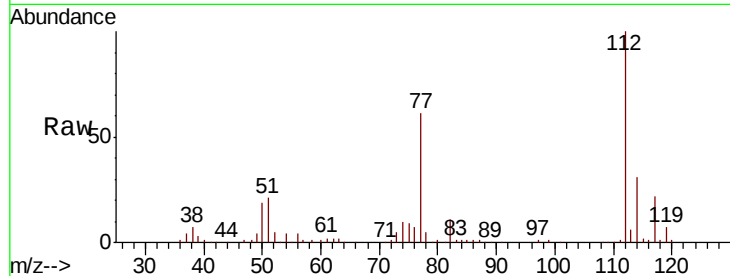




#65
Chlorobenzene
Concen: 20.156 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

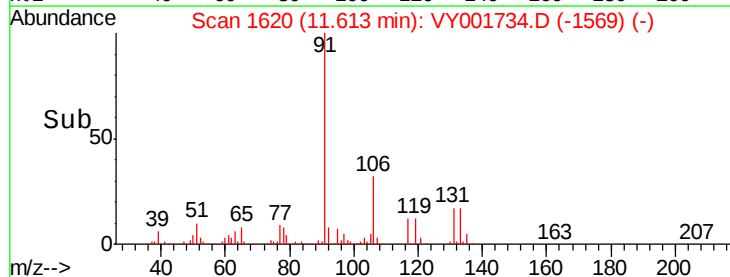
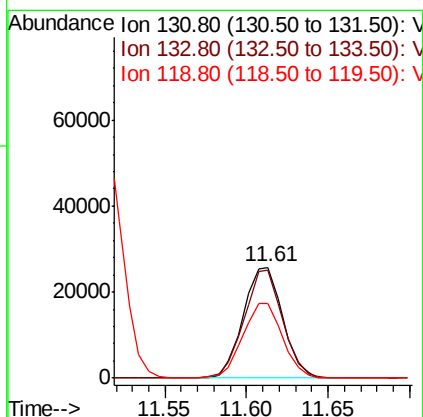
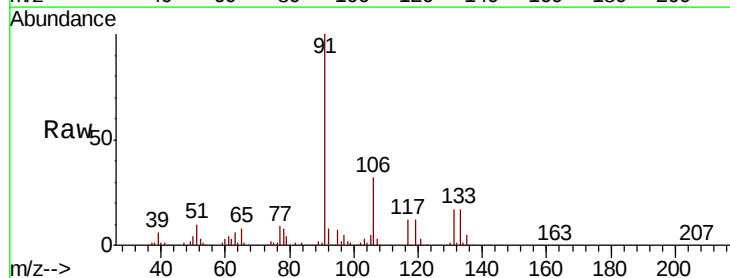
Instrument :
MSVOA_Y
ClientSampleId :

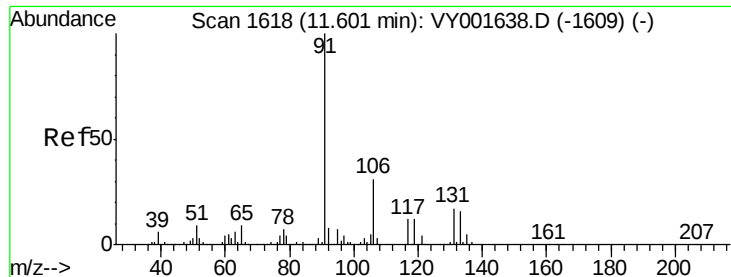
Tot Ion:112 Resp: 128238
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.152 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion:131 Resp: 43251
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 67.9 34.4 103.1

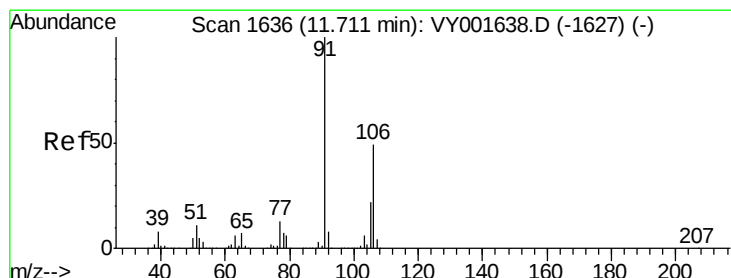
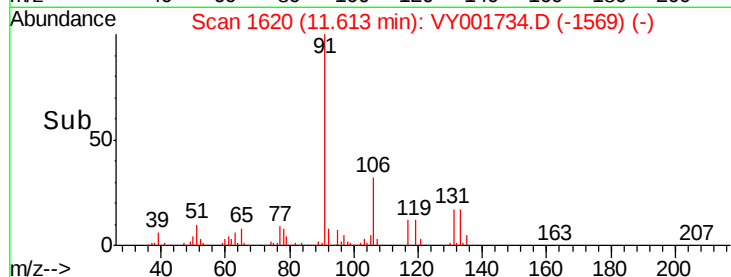
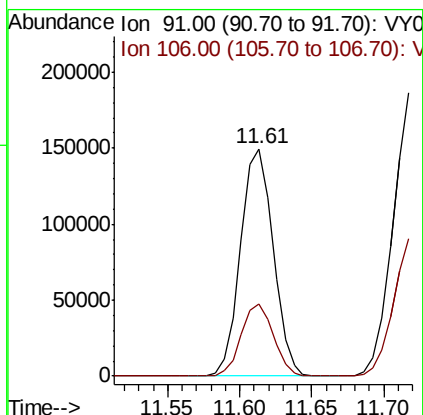
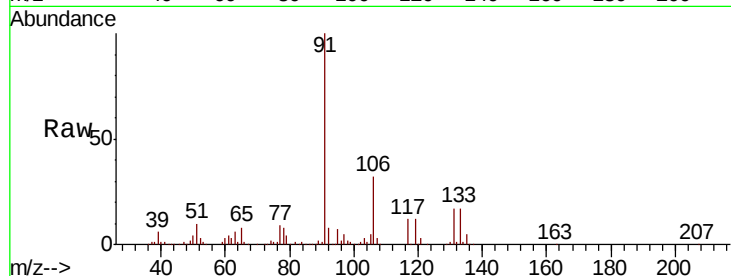




#67
Ethyl Benzene
Concen: 19.930 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

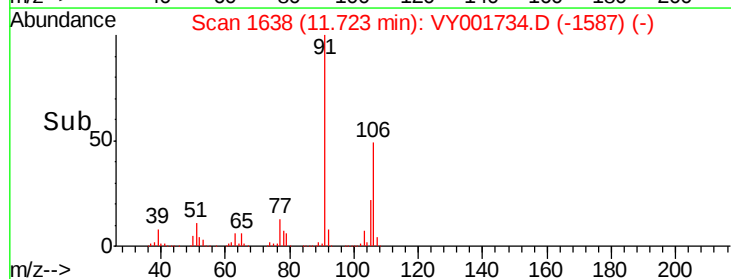
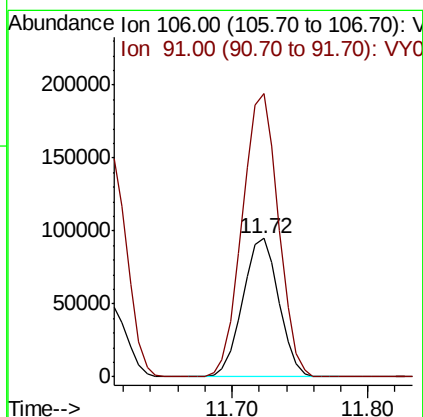
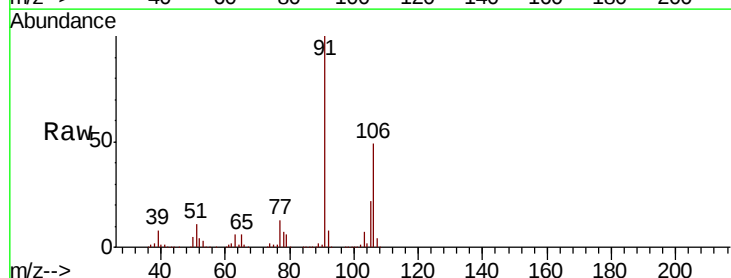
Instrument :
MSVOA_Y
ClientSampled :

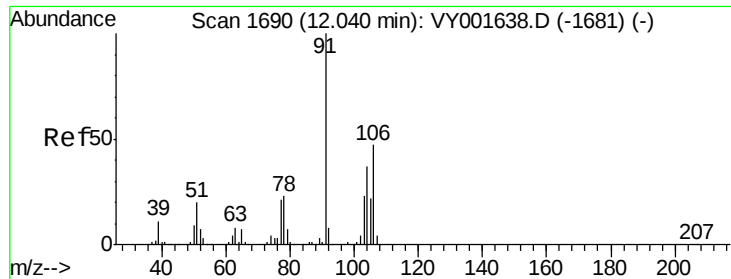
Tot Ion: 91 Resp: 235308
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.062 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 106 Resp: 176693
Ion Ratio Lower Upper
106 100
91 205.2 163.3 244.9

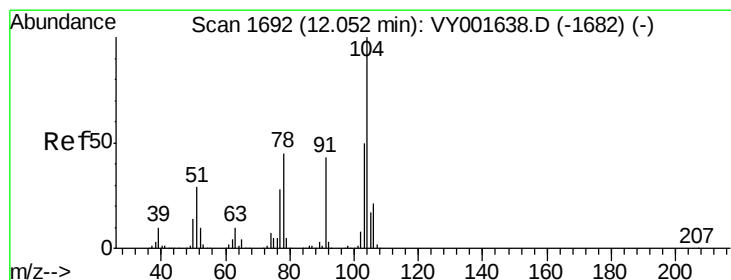
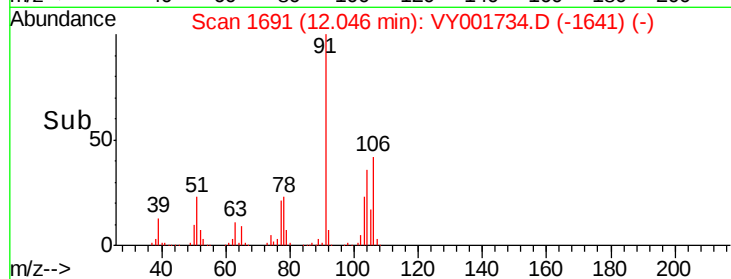
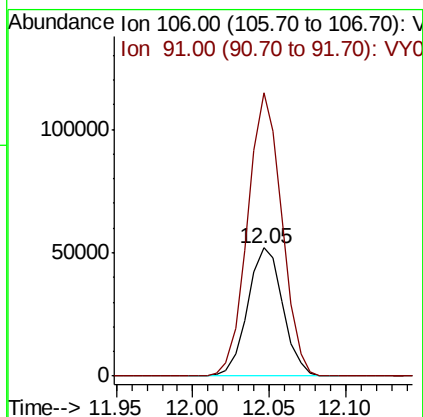
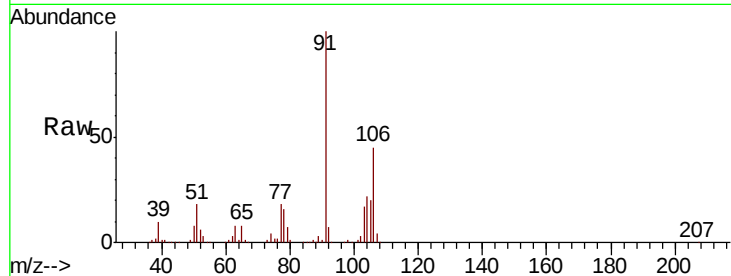




#69
o-Xylene
Concen: 19.832 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

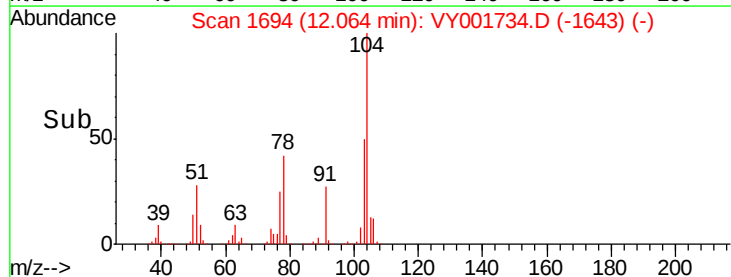
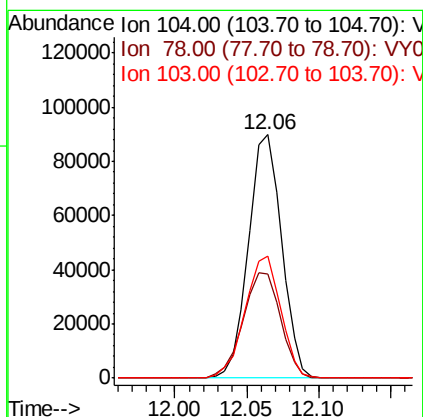
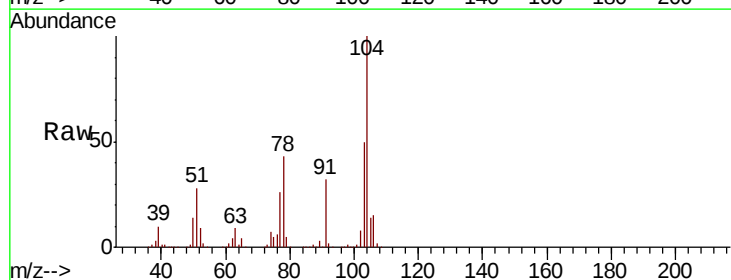
Instrument :
MSVOA_Y
ClientSampled :

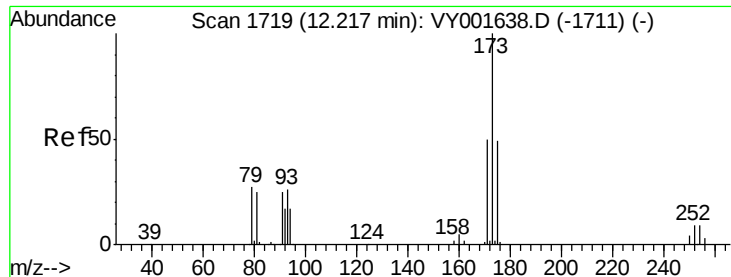
Tot Ion:106 Resp: 83155
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.9



#70
Styrene
Concen: 19.642 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion:104 Resp: 143132
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.0 43.0 64.6





#71

Bromoform

Concen: 18.639 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

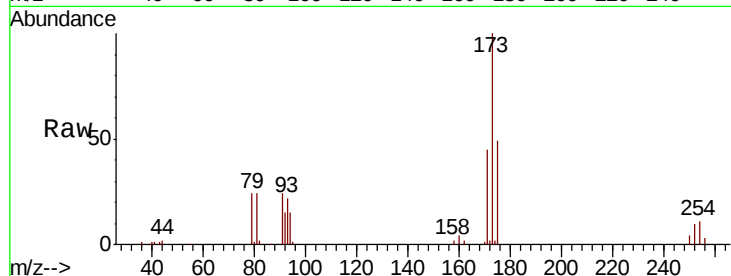
Tot Ion:173 Resp: 22861

Ion Ratio Lower Upper

173 100

175 49.3 24.3 73.0

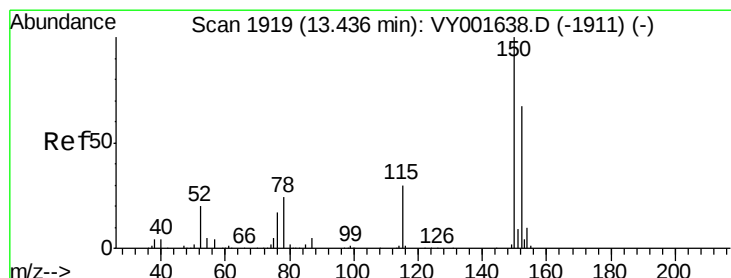
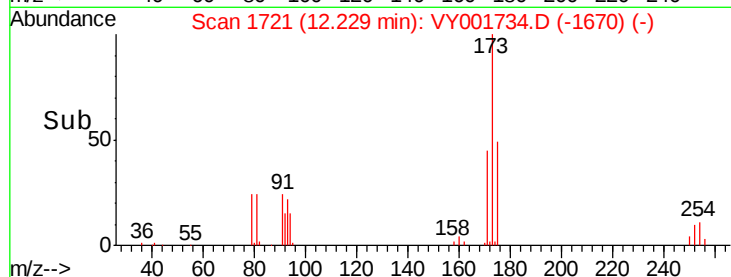
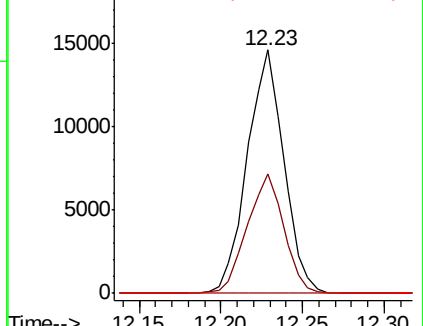
254 0.0 0.1 0.1#



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: VY001734.D

Acq: 21 Feb 2020 12:08

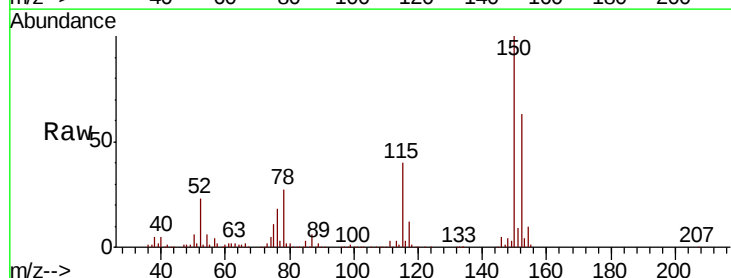
Tgt Ion:152 Resp: 148850

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

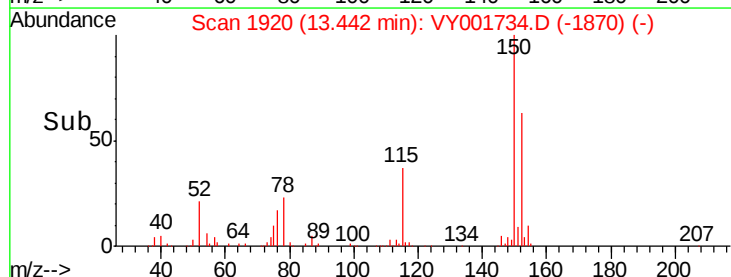
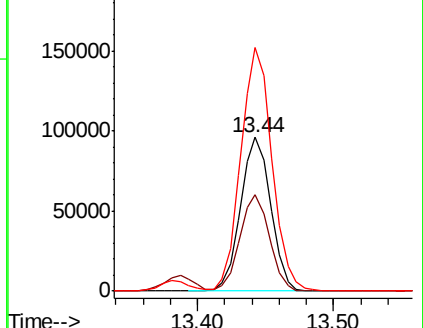
150 163.9 0.0 407.2

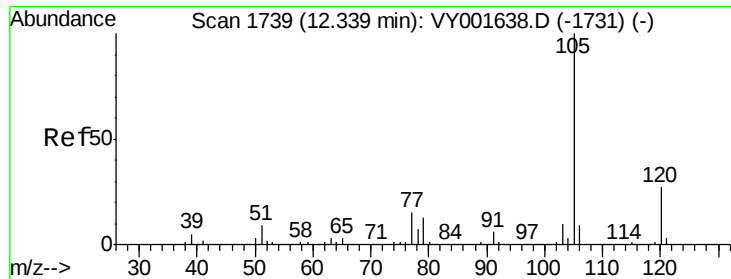


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.773 ug/l

RT: 12.35 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

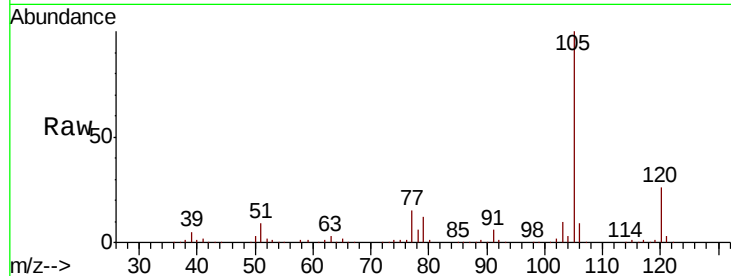
ClientSampleId :

Tot Ion:105 Resp: 224224

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

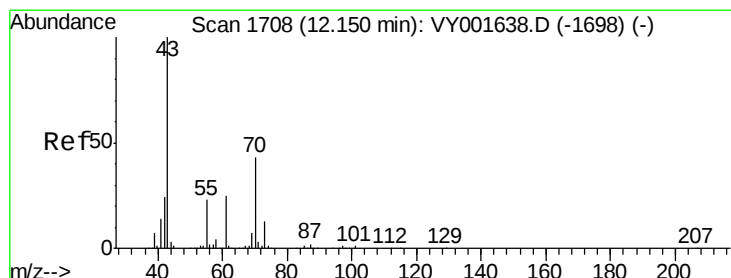
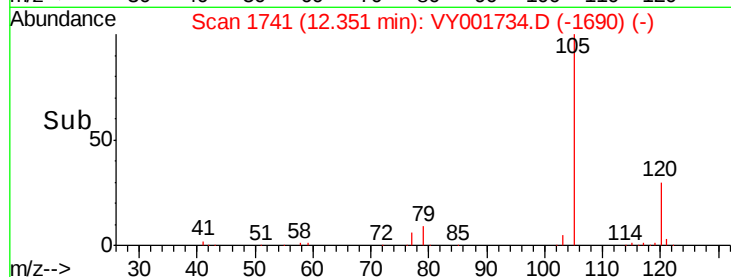
0

12.30

12.35

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.090 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Tgt Ion: 43 Resp: 69085

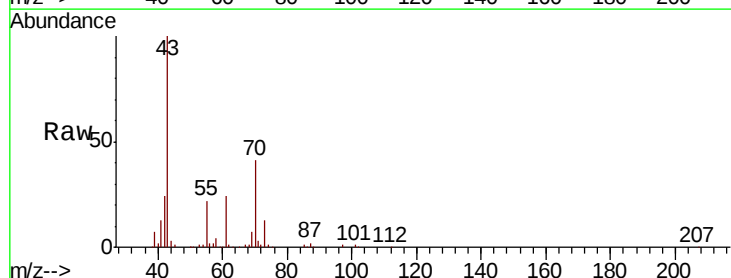
Ion Ratio Lower Upper

43 100

70 42.1 35.9 53.9

55 22.9 18.3 27.5

61 24.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

60000

40000

20000

0

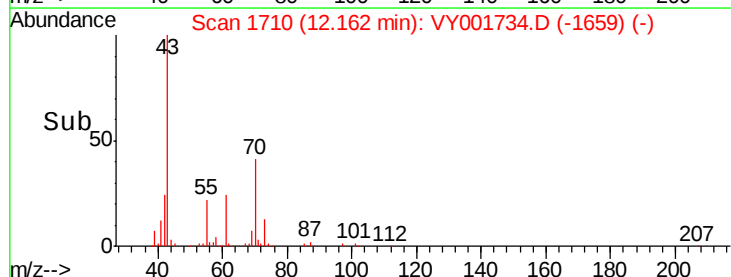
12.10

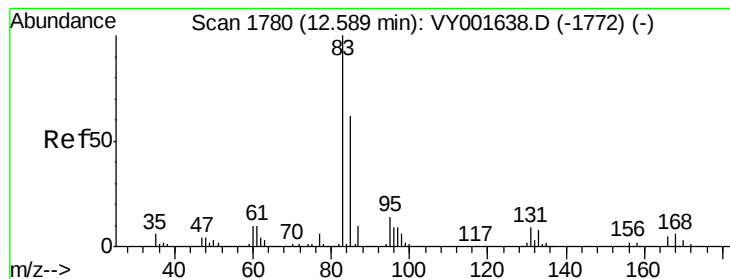
12.16

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.460 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

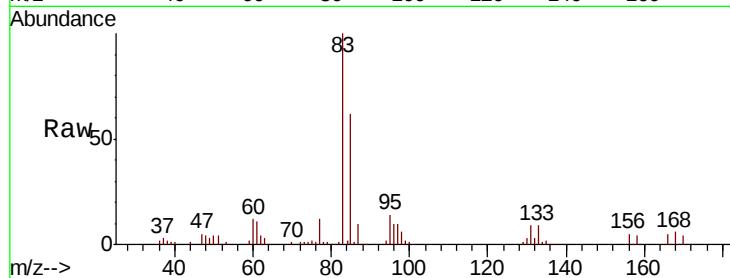
Tot Ion: 83 Resp: 47118

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

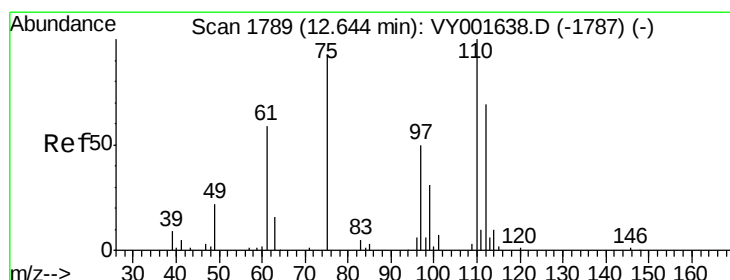
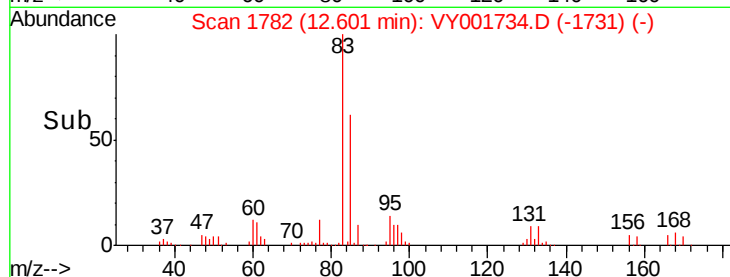
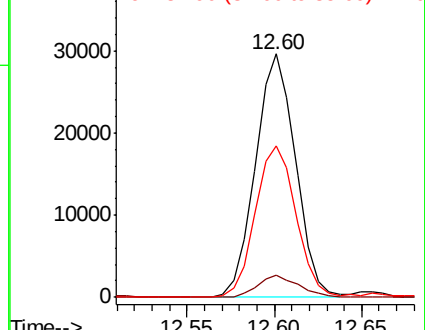
85 63.0 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 35.735 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001734.D

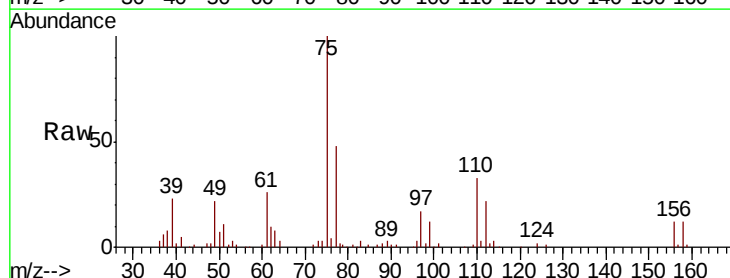
Acq: 21 Feb 2020 12:08

Tgt Ion: 75 Resp: 61018

Ion Ratio Lower Upper

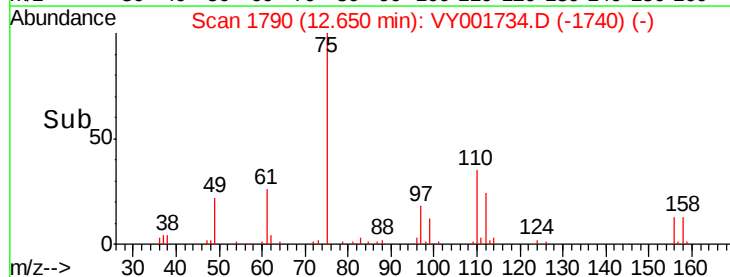
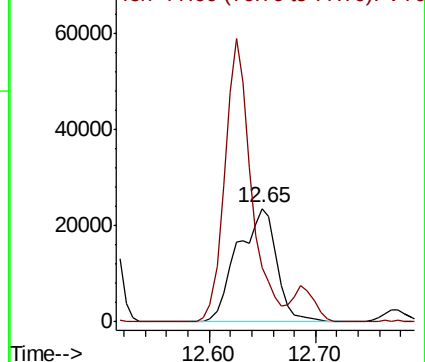
75 100

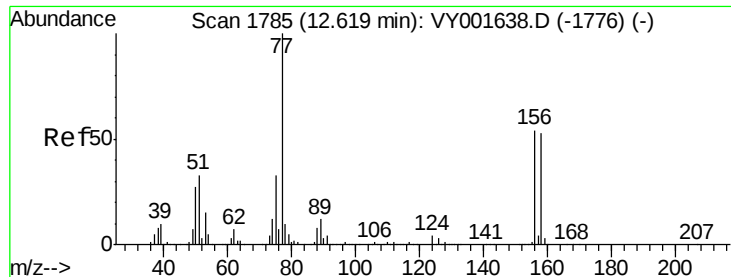
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.861 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampled :

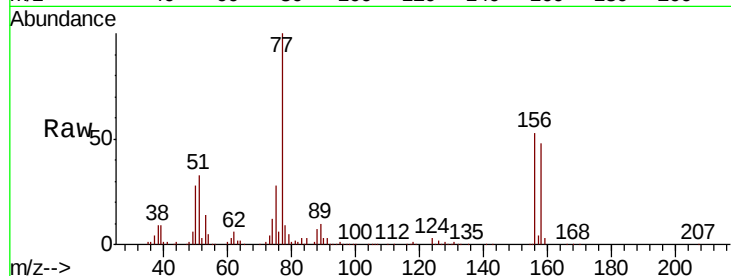
Tot Ion:156 Resp: 48823

Ion Ratio Lower Upper

156 100

77 208.7 110.1 330.1

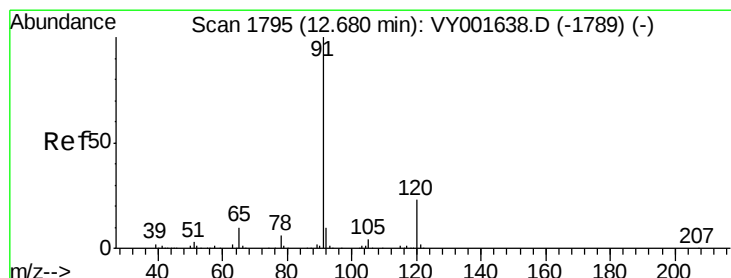
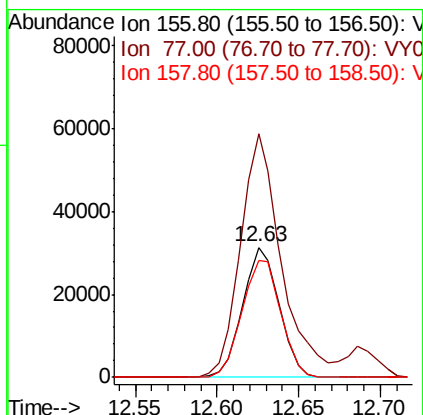
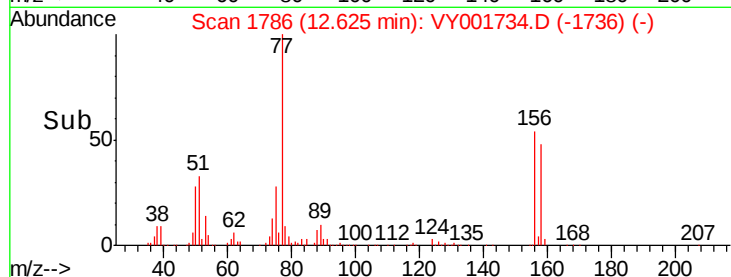
158 95.8 47.9 143.7



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: 20.126 ug/l

RT: 12.69 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VY001734.D

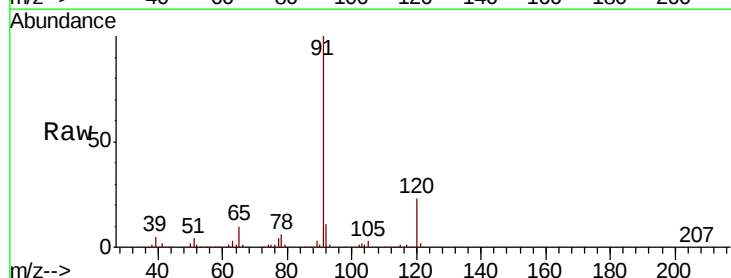
Acq: 21 Feb 2020 12:08

Tgt Ion: 91 Resp: 277955

Ion Ratio Lower Upper

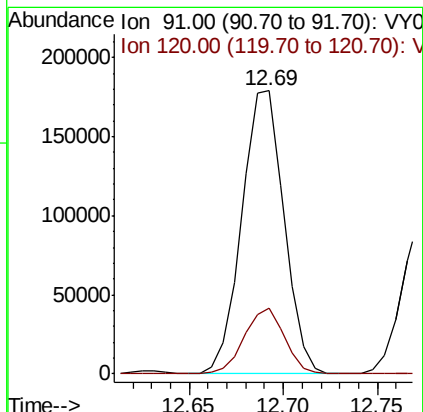
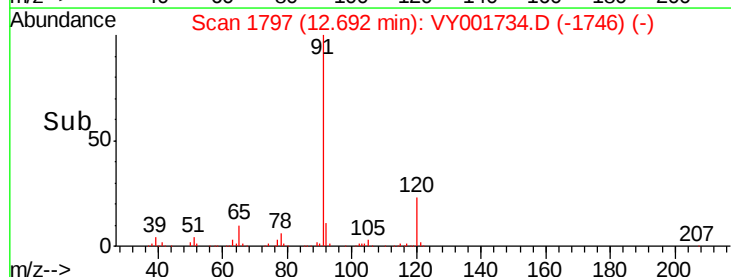
91 100

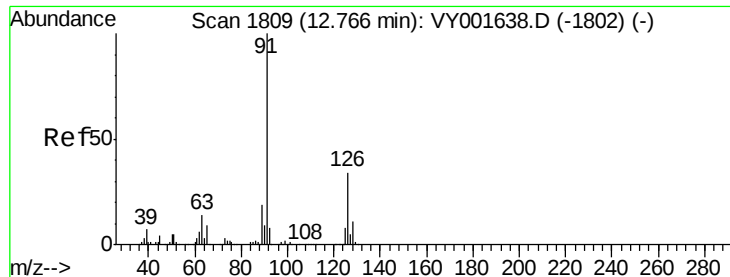
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

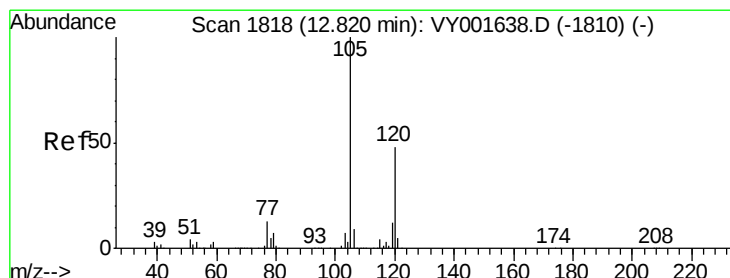
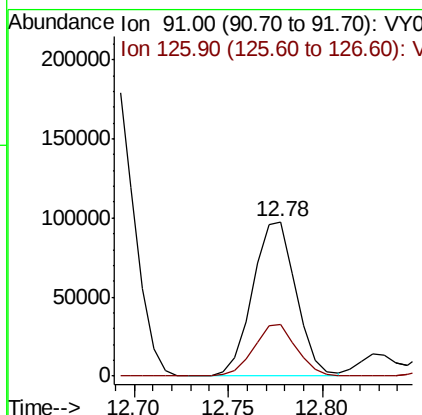
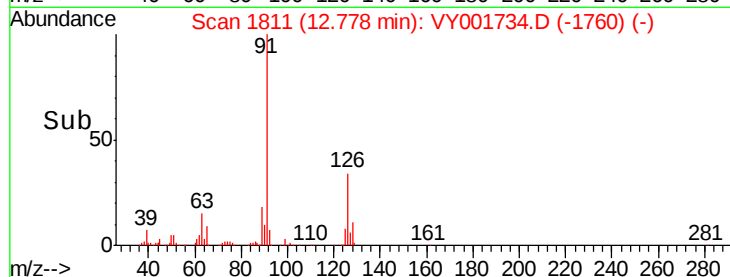
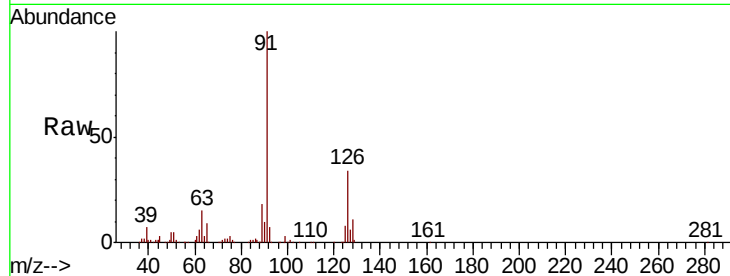




#79
2-Chlorotoluene
Concen: 20.048 ug/l
RT: 12.78 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

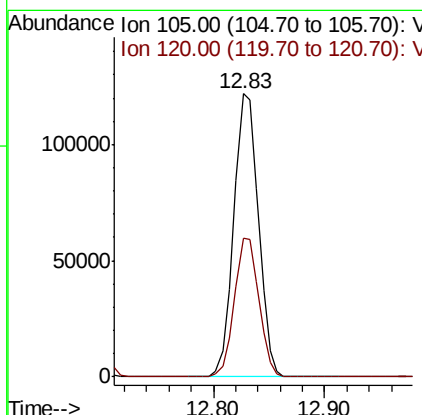
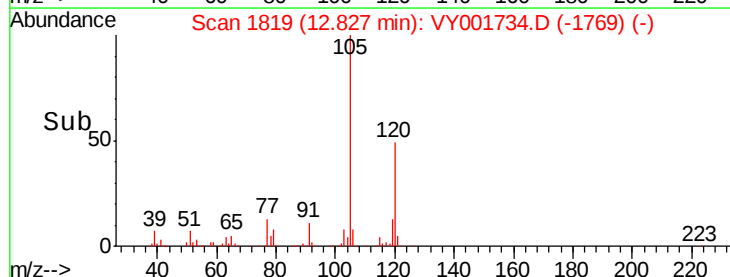
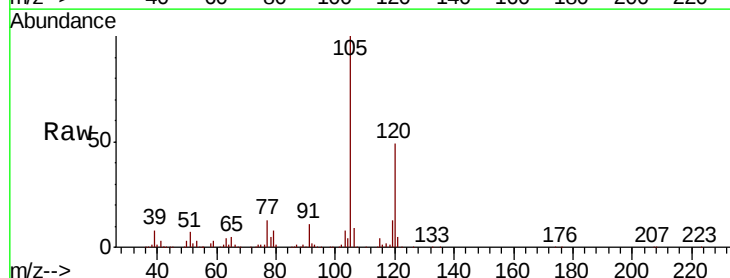
Instrument :
MSVOA_Y
ClientSampleId :

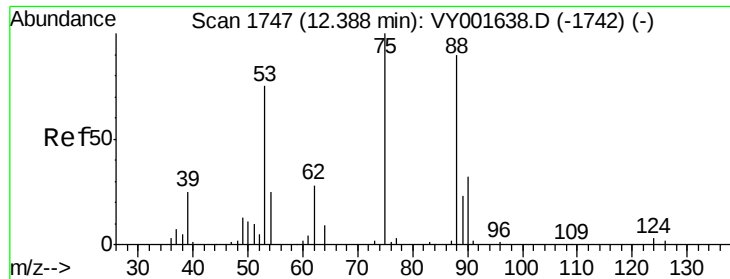
Tot Ion: 91 Resp: 155288
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.934 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion: 105 Resp: 187117
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.224 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

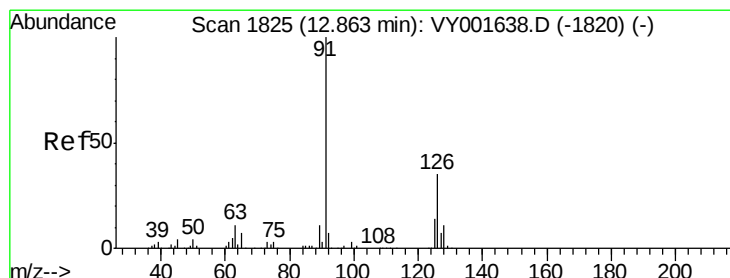
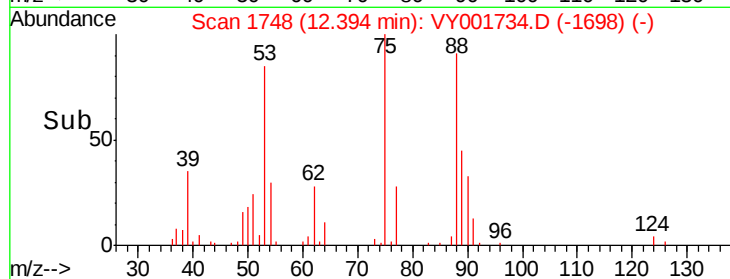
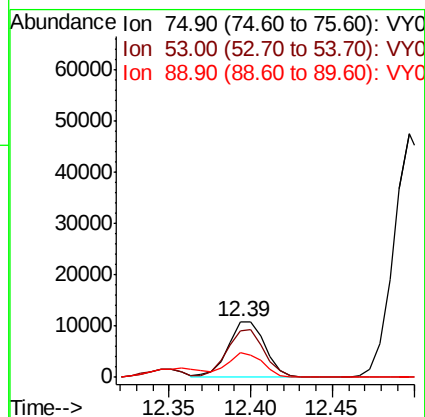
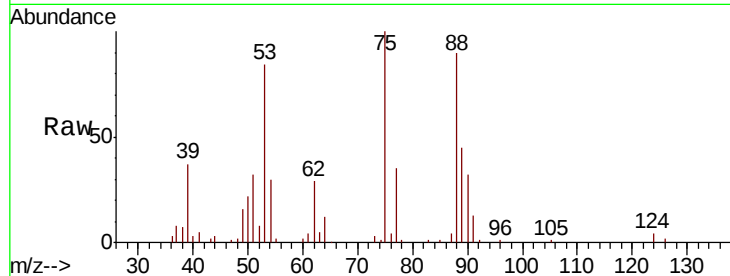
Tot Ion: 75 Resp: 17302

Ion Ratio Lower Upper

75 100

53 84.7 64.5 96.7

89 41.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.691 ug/l

RT: 12.88 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VY001734.D

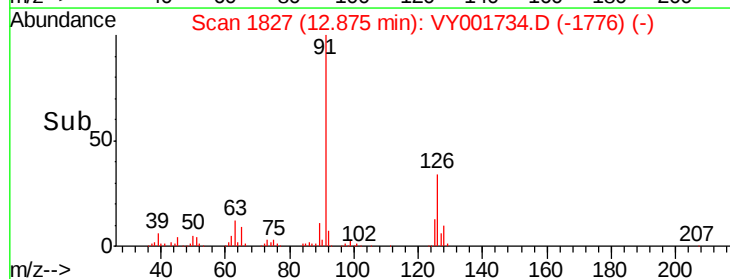
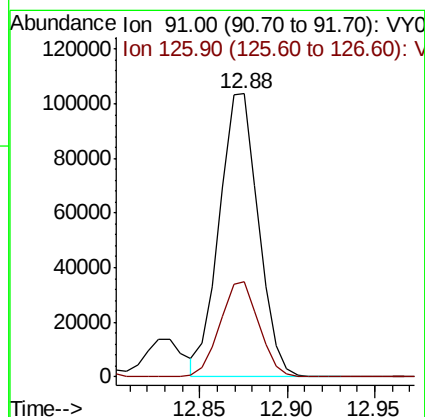
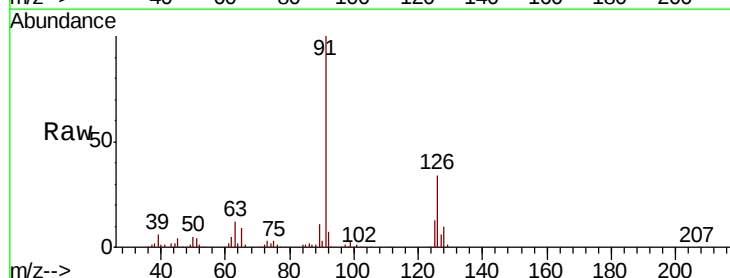
Acq: 21 Feb 2020 12:08

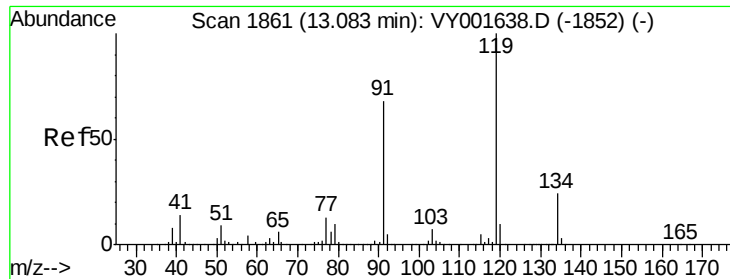
Tgt Ion: 91 Resp: 160871

Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6

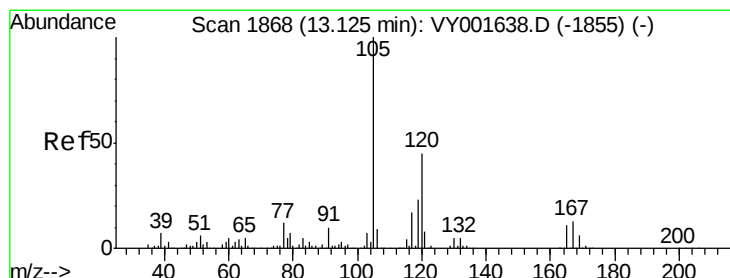
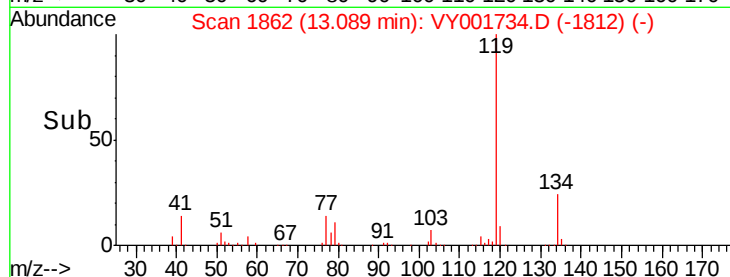
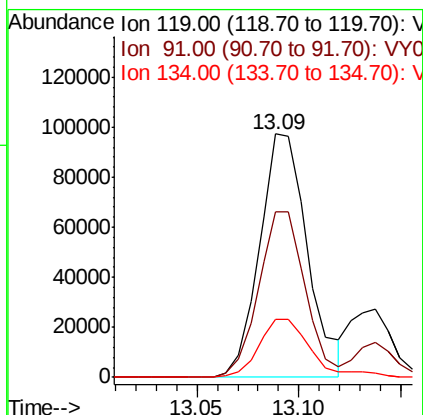
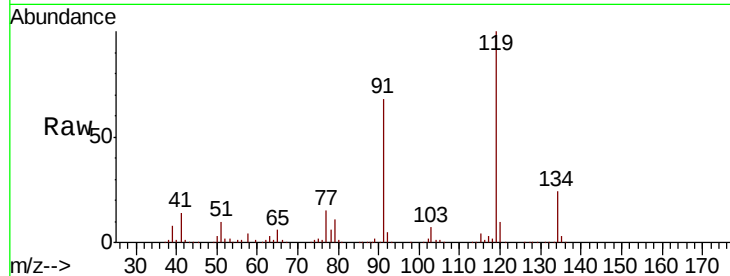




#83
tert-Butylbenzene
Concen: 20.327 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

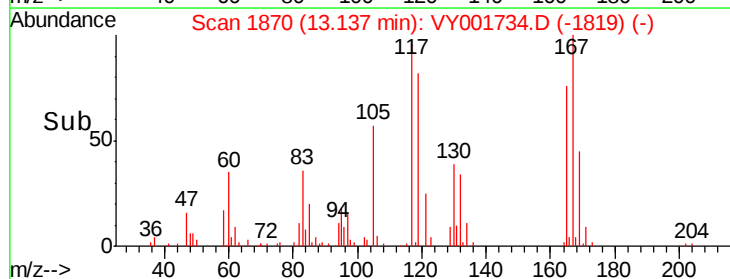
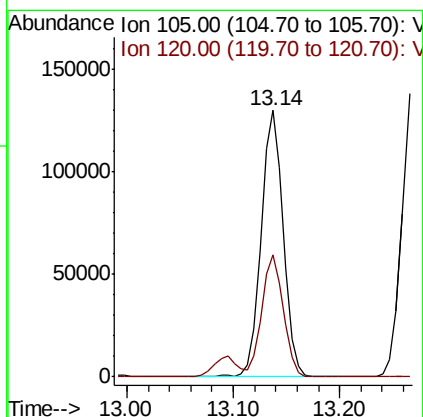
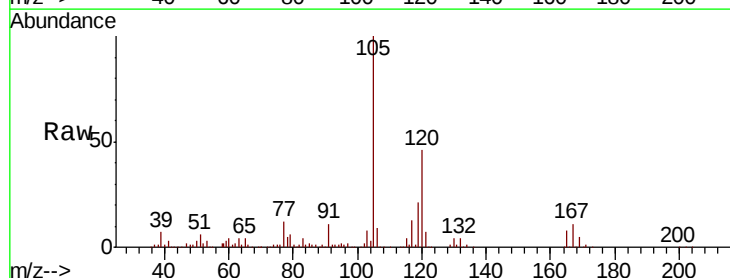
Instrument :
MSVOA_Y
ClientSampleId :

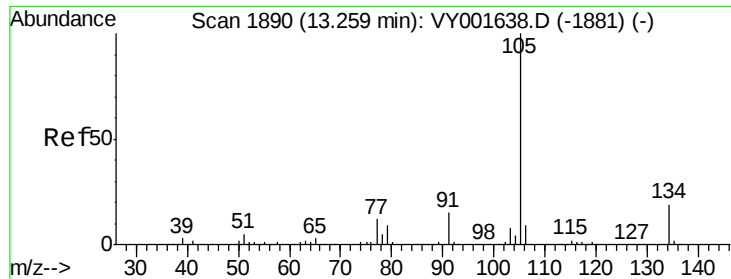
Tot Ion:119 Resp: 159584
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.5
134 25.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.122 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion:105 Resp: 188311
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

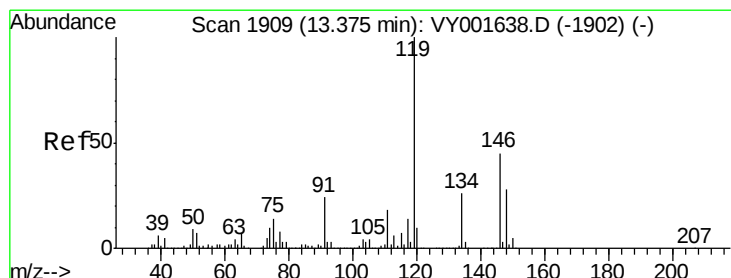
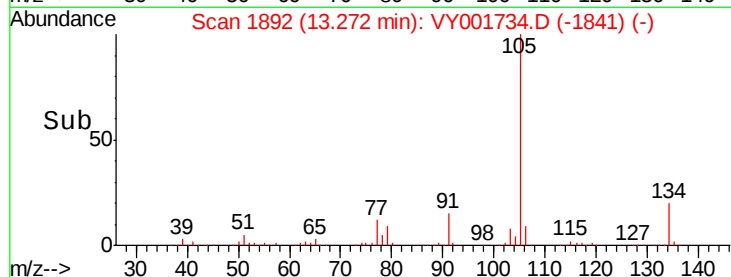
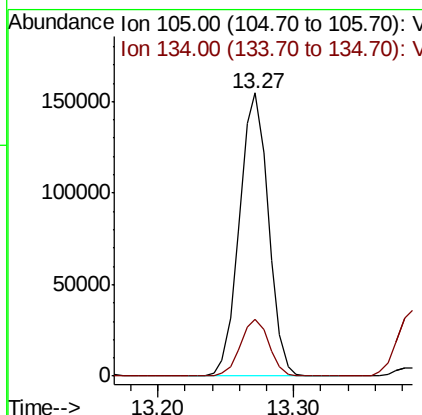
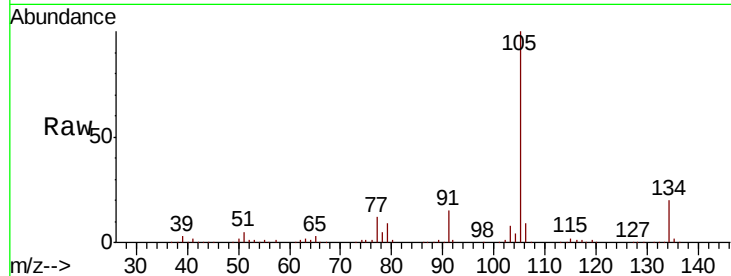




#85
 sec-Butylbenzene
 Concen: 19.923 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

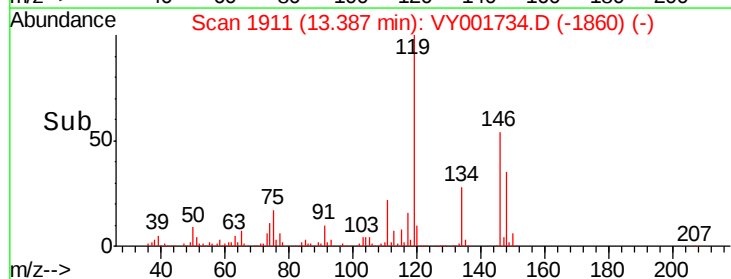
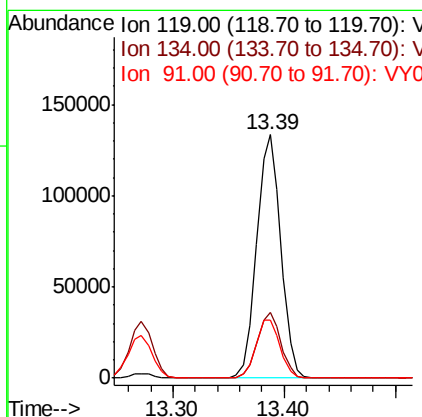
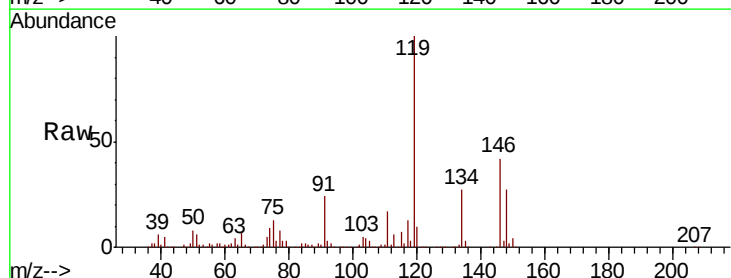
Instrument :
 MSVOA_Y
 ClientSampleId :

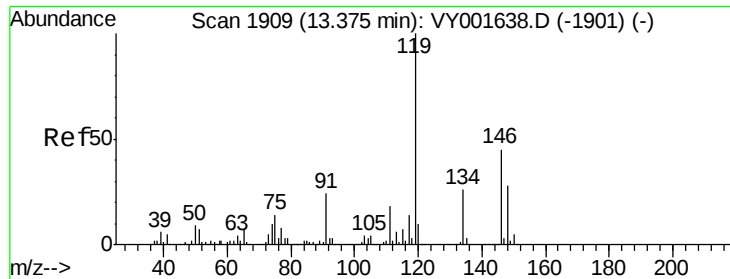
Tot Ion:105 Resp: 230036
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.029 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion:119 Resp: 200910
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 24.0 12.2 36.6

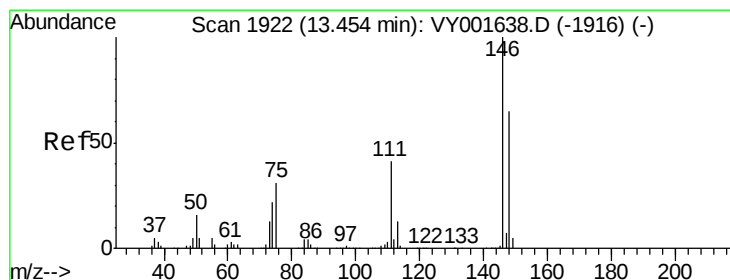
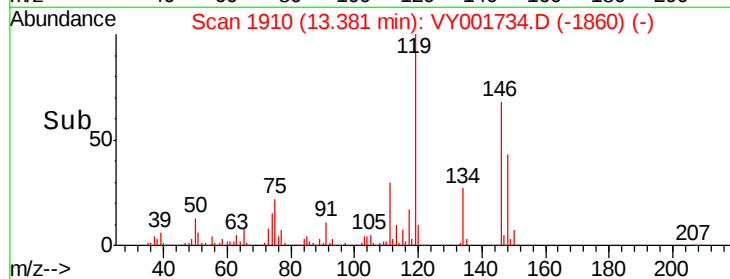
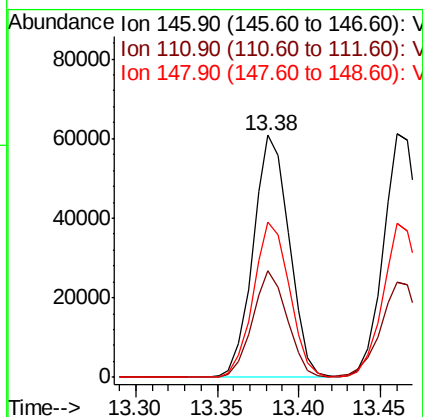
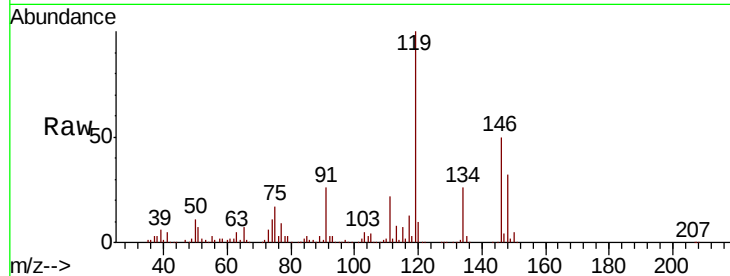




#87
 1,3-Dichlorobenzene
 Concen: 19.629 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

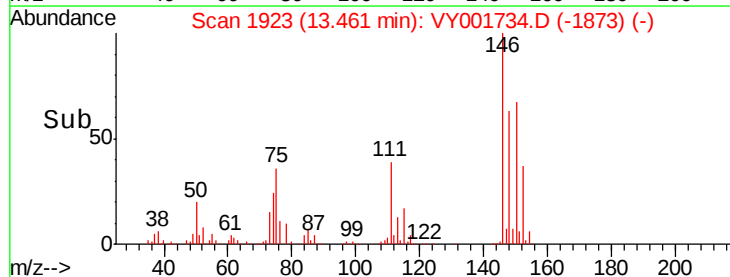
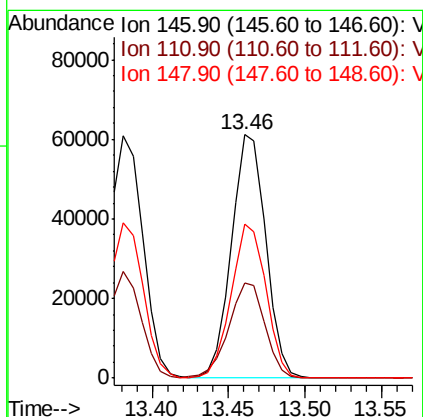
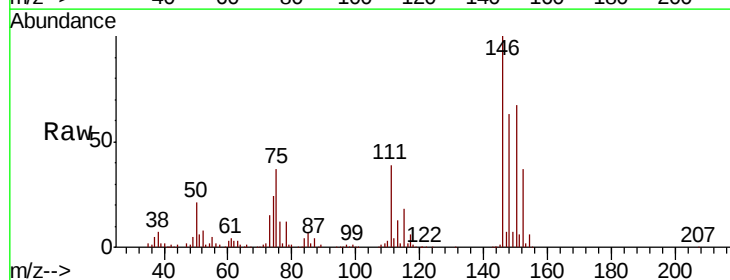
Instrument :
 MSVOA_Y
 ClientSampleId :

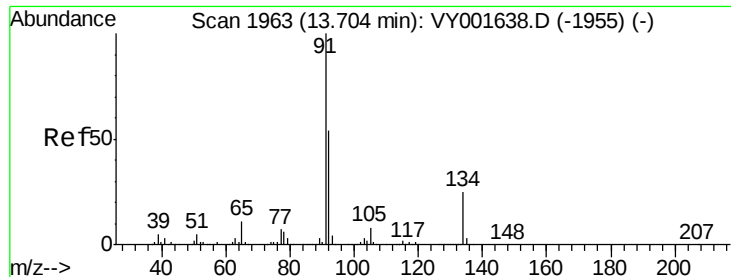
Tot Ion:146 Resp: 93580
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 64.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 19.788 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion:146 Resp: 95364
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.3
 148 64.0 31.6 94.7

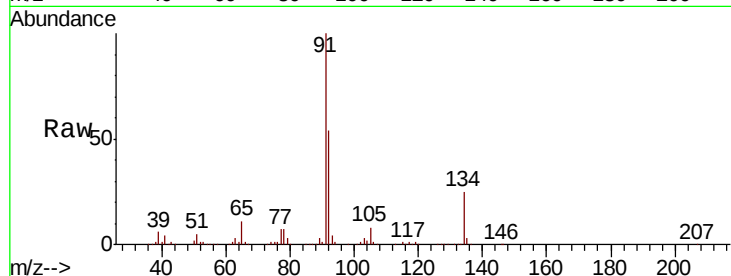




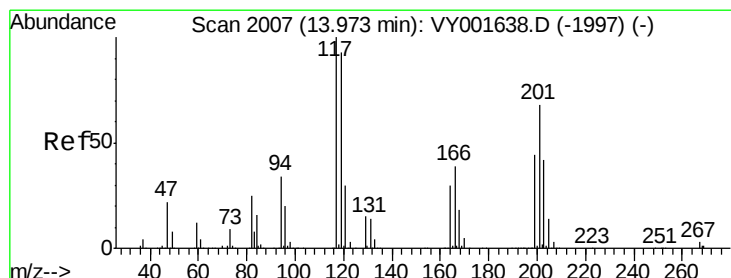
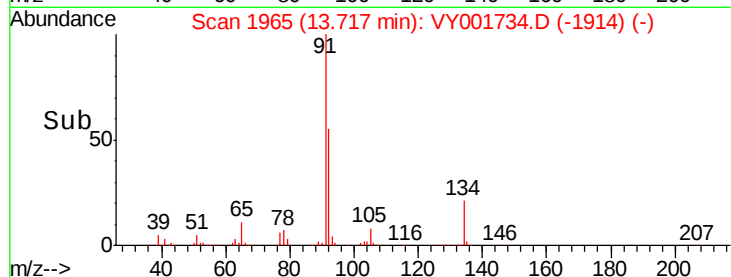
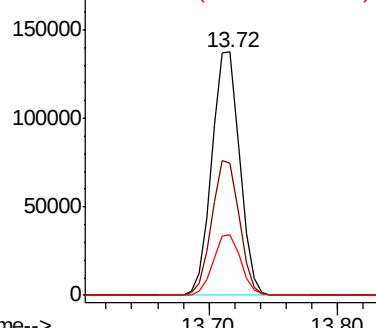
#89
n-Butylbenzene
Concen: 20.017 ug/l
RT: 13.72 min Scan# 1965
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.4
134	24.6	12.4	37.4

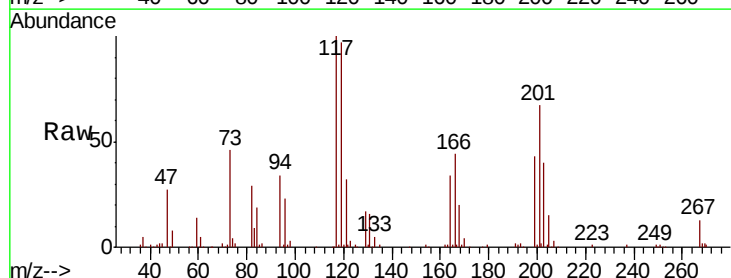


Abundance Ion 91.00 (90.70 to 91.70): VY001734.D (-1955) (-)
Ion 92.00 (91.70 to 92.70): VY001734.D (-1955) (-)
Ion 134.00 (133.70 to 134.70): VY001734.D (-1955) (-)

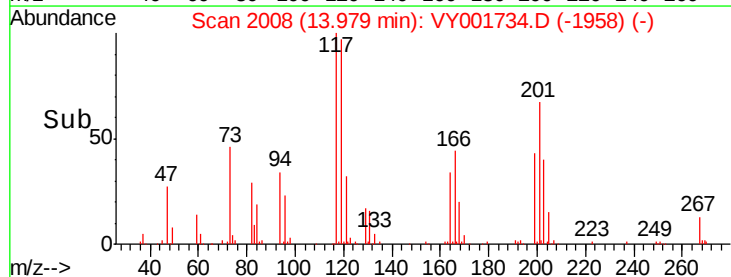
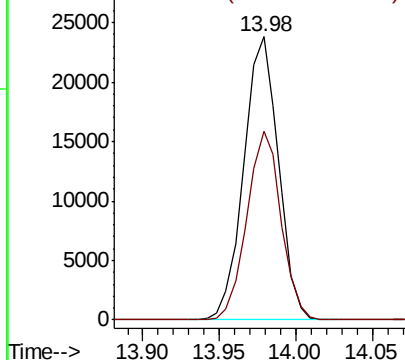


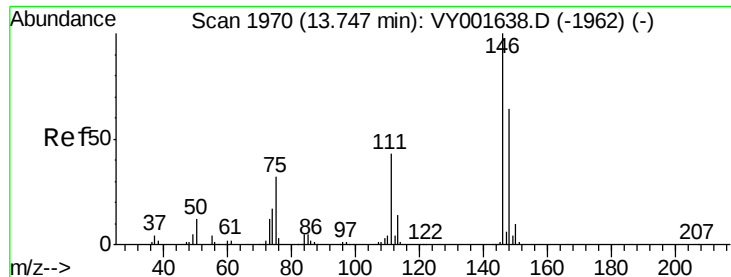
#90
Hexachloroethane
Concen: 19.832 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001734.D
Acq: 21 Feb 2020 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	32.5	97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001734.D (-1997) (-)
Ion 200.70 (200.40 to 201.40): VY001734.D (-1997) (-)





#91

1,2-Dichlorobenzene

Concen: 19.175 ug/l

RT: 13.76 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Instrument :

MSVOA_Y

ClientSampleId :

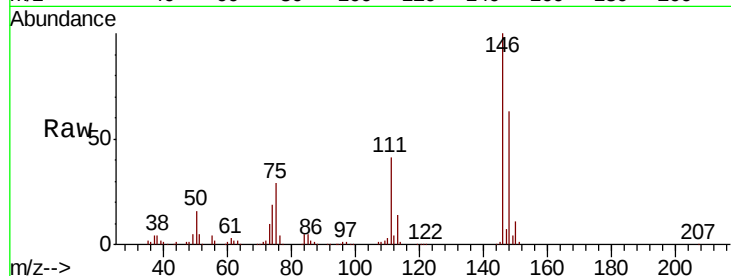
Tot Ion:146 Resp: 84365

Ion Ratio Lower Upper

146 100

111 44.2 21.9 65.7

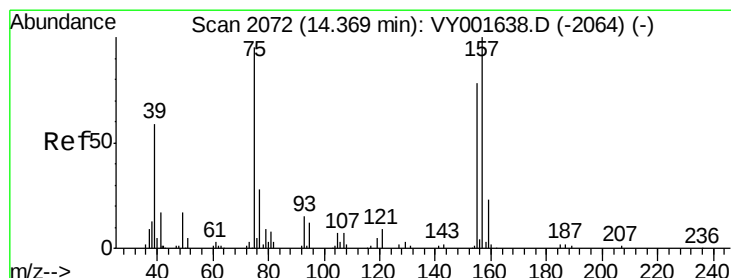
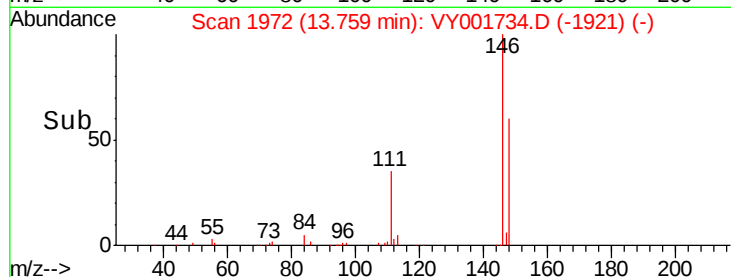
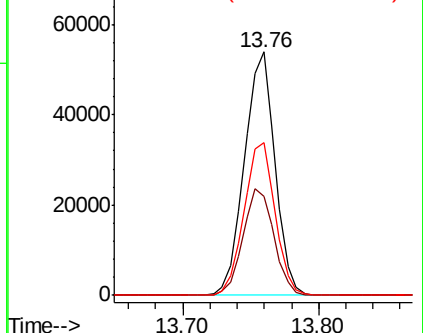
148 63.7 31.5 94.5



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: 19.372 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

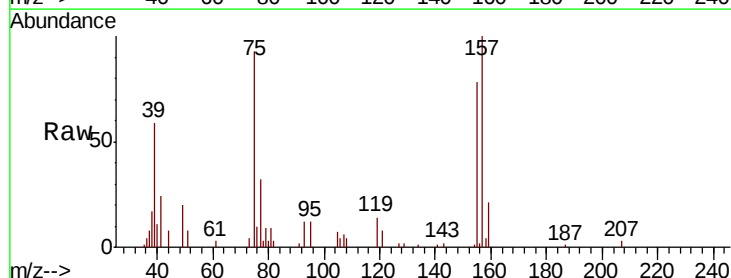
Tgt Ion: 75 Resp: 7741

Ion Ratio Lower Upper

75 100

155 79.8 40.8 122.4

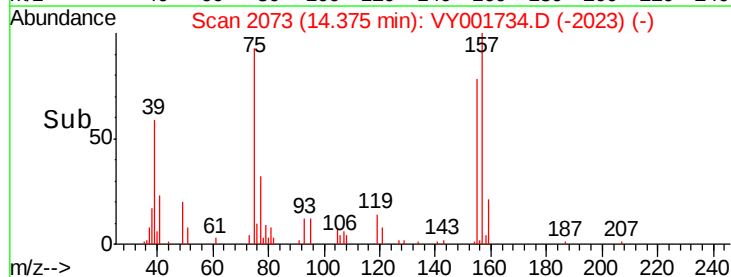
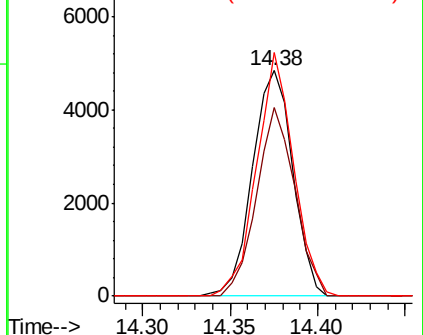
157 99.4 52.1 156.4

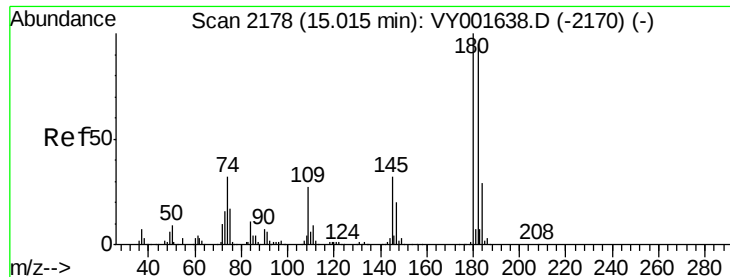


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

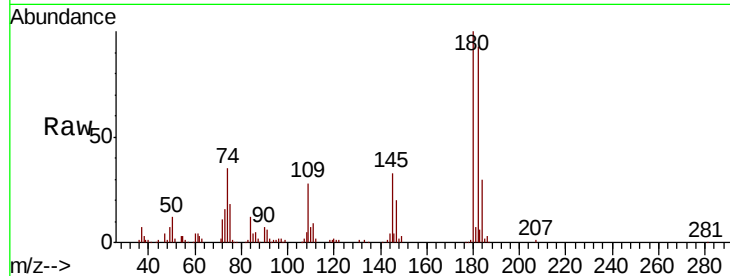




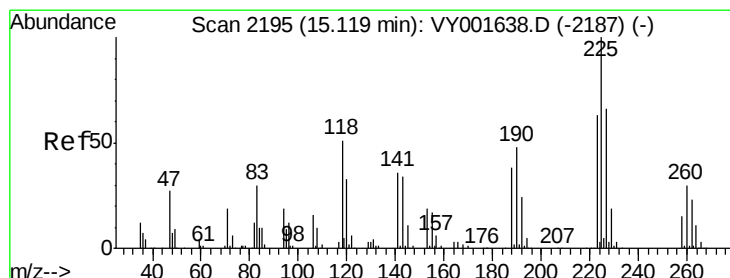
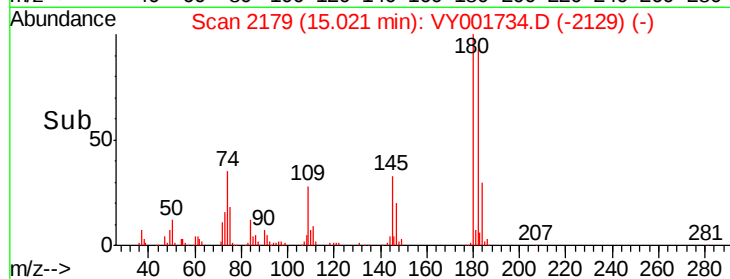
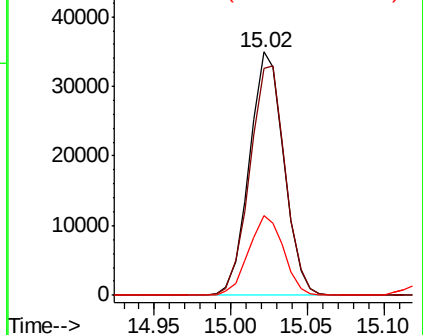
#93
 1,2,4-Trichlorobenzene
 Concen: 18.801 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.8	140.3
145	33.1	16.2	48.5

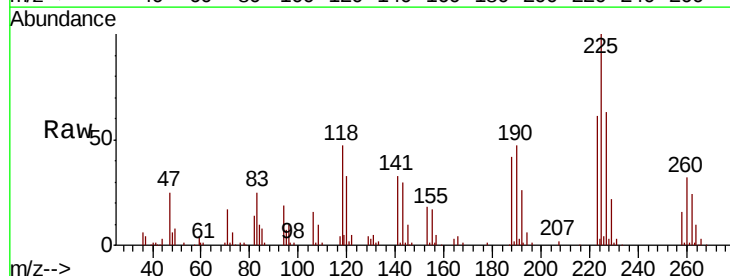


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

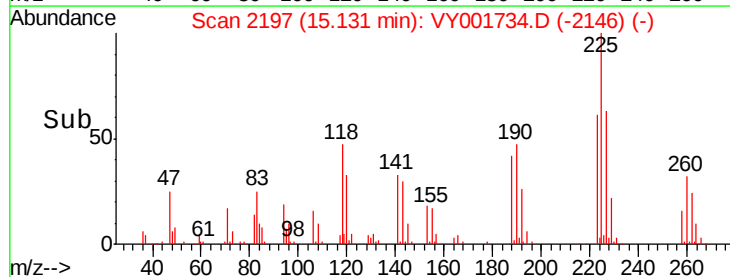
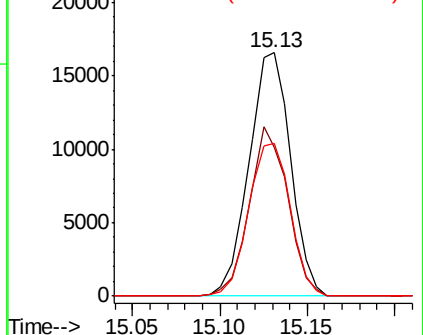


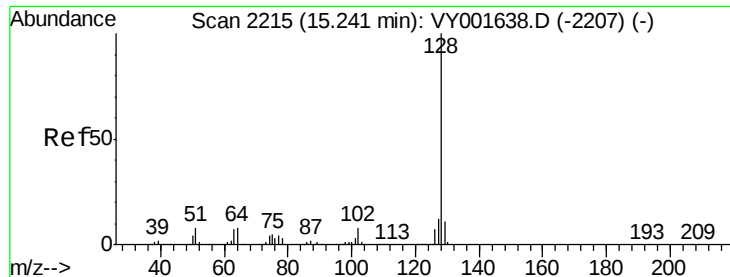
#94
 Hexachlorobutadiene
 Concen: 18.894 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001734.D
 Acq: 21 Feb 2020 12:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.4	94.0
227	62.8	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: 18.738 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

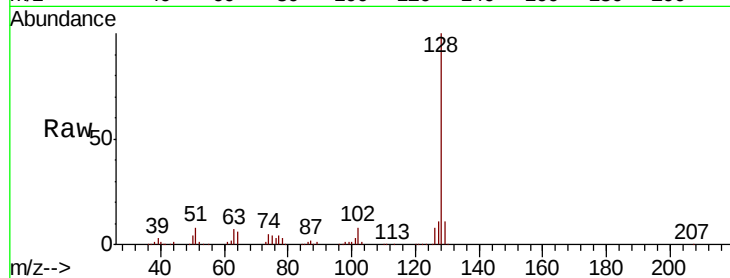
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 125966

Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.9	14.9
129	10.8	8.6	13.0

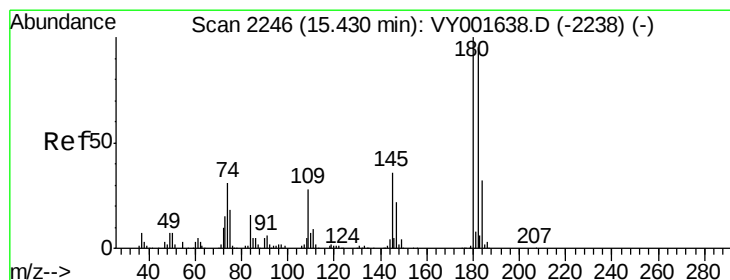
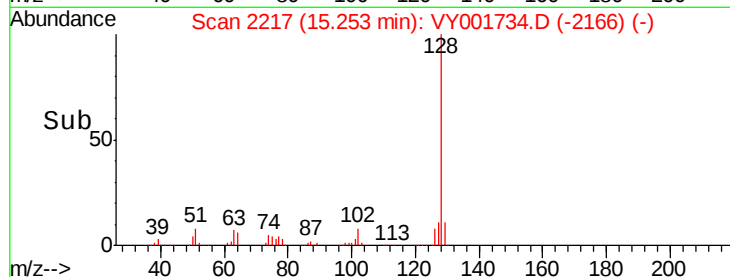
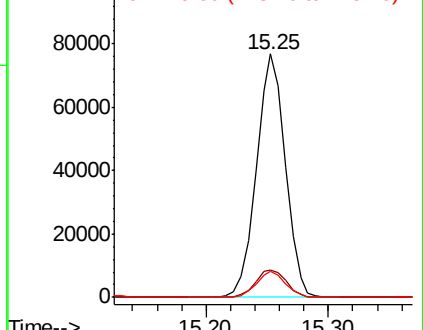


Abundance

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: 19.133 ug/l

RT: 15.44 min Scan# 2248

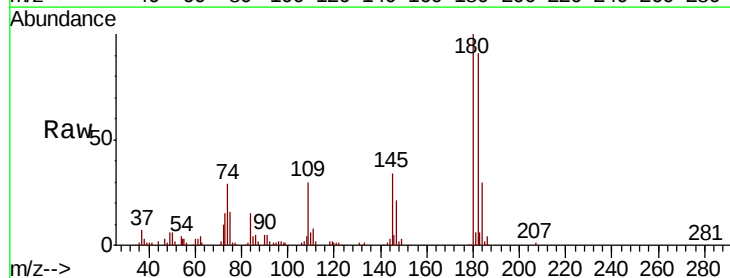
Delta R.T. 0.01 min

Lab File: VY001734.D

Acq: 21 Feb 2020 12:08

Tgt Ion:180 Resp: 49078

Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.2	141.6
145	33.7	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

