

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001712.D
 Acq On : 20 Feb 2020 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 08:01:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	214816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	376193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	337467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	159715	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	109178	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.75	113	98967	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	10.20	98	415848	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.49	95	151531	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	102066	48.743	ug/l	100
3) Chloromethane	2.13	50	129100	45.838	ug/l	99
4) Vinyl Chloride	2.27	62	130791	46.041	ug/l	99
5) Bromomethane	2.67	94	83305	46.921	ug/l	100
6) Chloroethane	2.82	64	80150	45.786	ug/l	100
7) Trichlorofluoromethane	3.16	101	171994	47.306	ug/l	98
8) Diethyl Ether	3.56	74	64402	44.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	105208	46.038	ug/l	98
10) Methyl Iodide	4.13	142	130762	46.754	ug/l	99
11) Tert butyl alcohol	5.00	59	55640	203.105	ug/l	99
12) 1,1-Dichloroethene	3.91	96	105791	45.389	ug/l	96
13) Acrolein	3.77	56	57174	244.998	ug/l	100
14) Allyl chloride	4.52	41	192345	46.369	ug/l	98
15) Acrylonitrile	5.21	53	166972	227.273	ug/l	99
16) Acetone	3.98	43	198500	248.276	ug/l	96
17) Carbon Disulfide	4.23	76	348203	44.747	ug/l	100
18) Methyl Acetate	4.52	43	76993	44.220	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	295845	45.589	ug/l	98
20) Methylene Chloride	4.75	84	119559	42.100	ug/l	96
21) trans-1,2-Dichloroethene	5.26	96	119953	45.107	ug/l	99
22) Diisopropyl ether	6.16	45	390761	45.871	ug/l	96
23) Vinyl Acetate	6.10	43	1297835	233.563	ug/l	99
24) 1,1-Dichloroethane	6.06	63	208952	45.893	ug/l	99
25) 2-Butanone	7.02	43	264710	243.724	ug/l	98
26) 2,2-Dichloropropane	7.02	77	183683	46.370	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	132597	45.173	ug/l	99
28) Bromochloromethane	7.37	49	99334	52.374	ug/l	97
29) Tetrahydrofuran	7.38	42	149629	227.931	ug/l	99
30) Chloroform	7.54	83	200812	45.138	ug/l	99
31) Cyclohexane	7.82	56	215512	44.395	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	173918	46.514	ug/l	99
36) 1,1-Dichloropropene	7.95	75	168461	46.881	ug/l	99
37) Ethyl Acetate	7.11	43	98939	46.132	ug/l	99
38) Carbon Tetrachloride	7.93	117	151332	47.947	ug/l	96

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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.21	83	224281	47.047	ug/l	98
40) Benzene	8.19	78	491351	46.493	ug/l	100
41) Methacrylonitrile	7.38	41	135895	126.193	ug/l #	31
42) 1,2-Dichloroethane	8.27	62	135066	46.912	ug/l	100
43) Isopropyl Acetate	8.30	43	192636	47.339	ug/l	100
44) Trichloroethene	8.96	130	123713	46.893	ug/l	96
45) 1,2-Dichloropropane	9.24	63	125945	47.585	ug/l	99
46) Dibromomethane	9.33	93	64632	46.688	ug/l	98
47) Bromodichloromethane	9.52	83	157592	47.168	ug/l	100
48) Methyl methacrylate	9.31	41	86765	47.145	ug/l	99
49) 1,4-Dioxane	9.32	88	17725	906.541	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	507370	242.672	ug/l	98
52) Toluene	10.26	92	310378	47.083	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	176121	47.683	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	201185	47.326	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	96195	47.125	ug/l	97
56) Ethyl methacrylate	10.52	69	147081	48.030	ug/l	98
57) 1,3-Dichloropropane	10.81	76	171553	47.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	267645	230.946	ug/l	100
59) 2-Hexanone	10.85	43	395634	252.200	ug/l	98
60) Dibromochloromethane	11.00	129	107049	47.567	ug/l	99
61) 1,2-Dibromoethane	11.10	107	91810	47.568	ug/l	98
64) Tetrachloroethene	10.74	164	97855	46.191	ug/l	98
65) Chlorobenzene	11.53	112	315228	46.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	106312	46.777	ug/l	99
67) Ethyl Benzene	11.61	91	596429	47.702	ug/l	100
68) m/p-Xylenes	11.72	106	443622	94.984	ug/l	99
69) o-Xylene	12.04	106	209709	47.229	ug/l	100
70) Styrene	12.06	104	365128	47.316	ug/l	99
71) Bromoform	12.22	173	61575	47.408	ug/l #	98
73) Isopropylbenzene	12.35	105	574182	47.190	ug/l	100
74) N-amyl acetate	12.16	43	182819	47.080	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	120971	46.563	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	159812	87.227	ug/l #	100
77) Bromobenzene	12.62	156	122220	46.337	ug/l	99
78) n-propylbenzene	12.68	91	705168	47.586	ug/l	99
79) 2-Chlorotoluene	12.77	91	388225	46.710	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	478388	47.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	46487	48.137	ug/l	94
82) 4-Chlorotoluene	12.86	91	413944	47.222	ug/l	100
83) tert-Butylbenzene	13.09	119	404951	48.072	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	476691	47.473	ug/l	100
85) sec-Butylbenzene	13.27	105	589688	47.597	ug/l	100
86) p-Isopropyltoluene	13.38	119	512042	47.575	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	236924	46.315	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	238567	46.136	ug/l	99
89) n-Butylbenzene	13.70	91	524940	47.732	ug/l	99
90) Hexachloroethane	13.97	117	96744	47.708	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	219533	46.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20323	47.400	ug/l	98

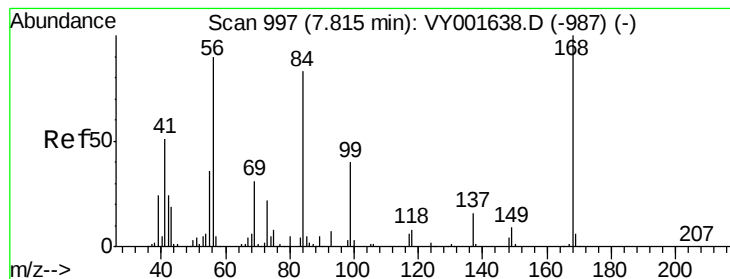
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	142175	45.446	ug/l	99
94) Hexachlorobutadiene	15.12	225	70165	45.098	ug/l	100
95) Naphthalene	15.25	128	331611	45.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	124627	45.281	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

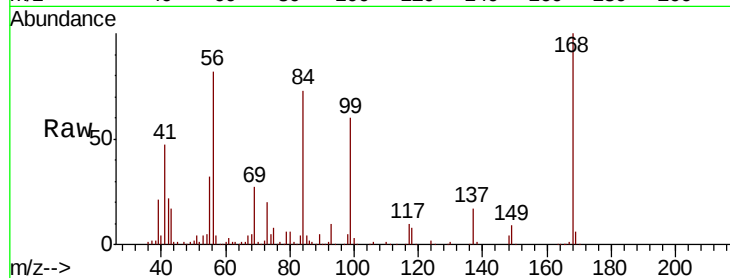
ClientSampleId :

Tot Ion:168 Resp: 214816

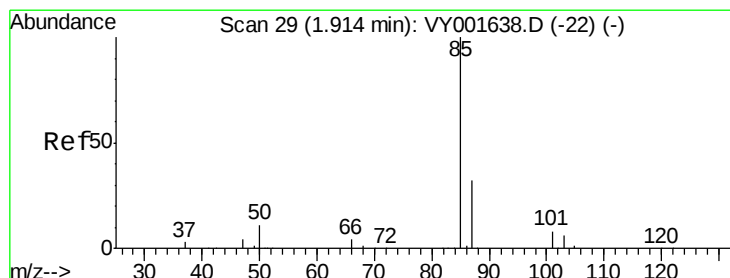
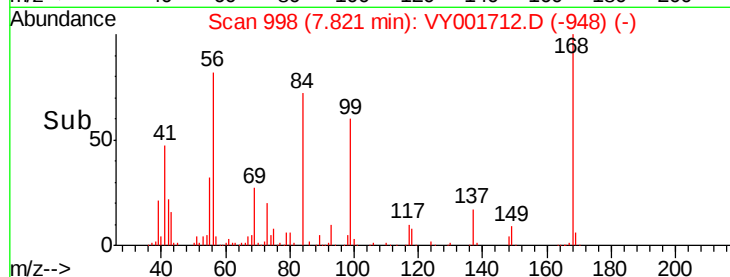
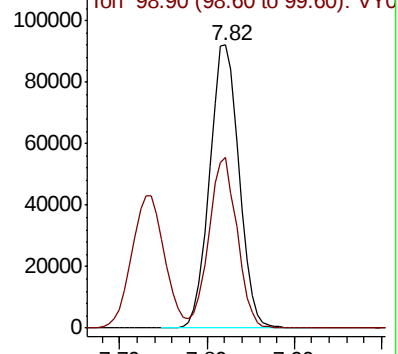
Ion Ratio Lower Upper

168 100

99 60.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 48.743 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001712.D

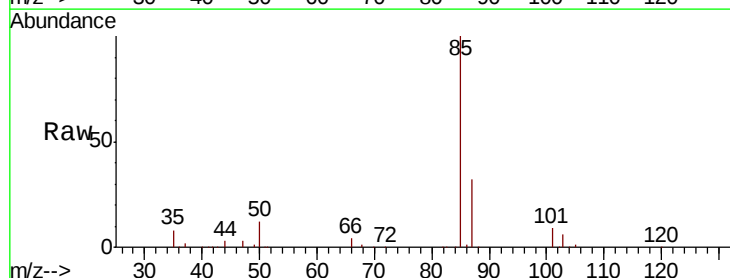
Acq: 20 Feb 2020 10:19

Tgt Ion: 85 Resp: 102066

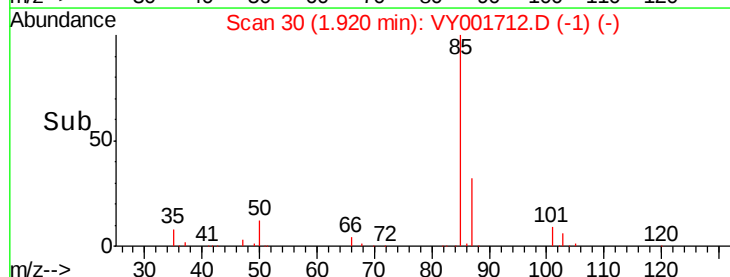
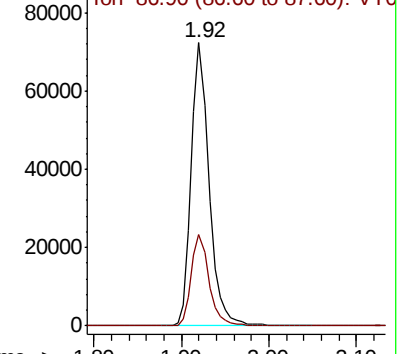
Ion Ratio Lower Upper

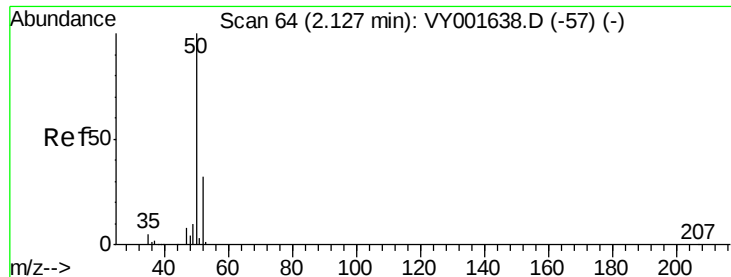
85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)





#3

Chloromethane

Concen: 45.838 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

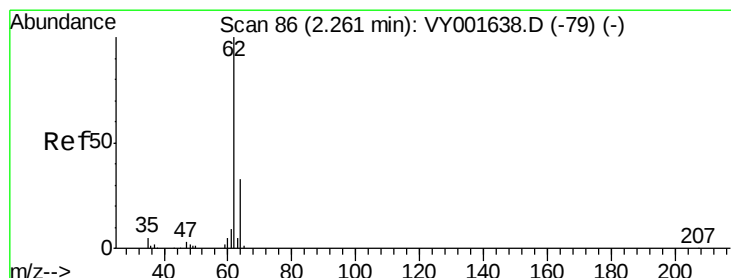
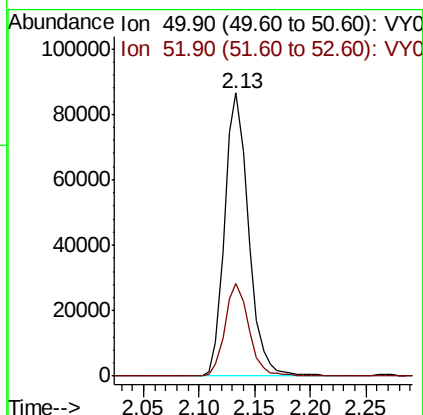
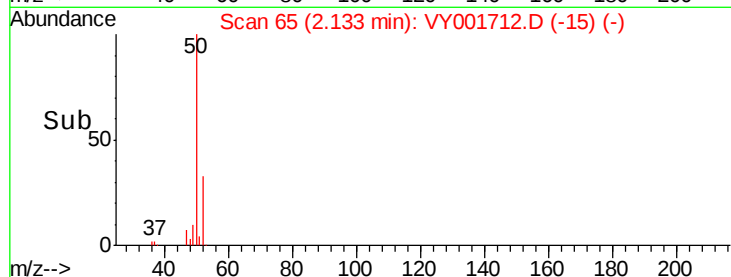
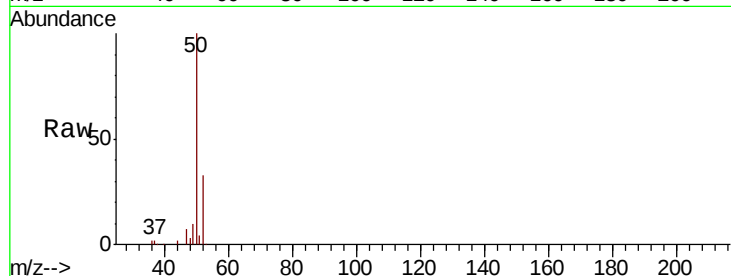
ClientSampleId :

Tot Ion: 50 Resp: 129100

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.6



#4

Vinyl Chloride

Concen: 46.041 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001712.D

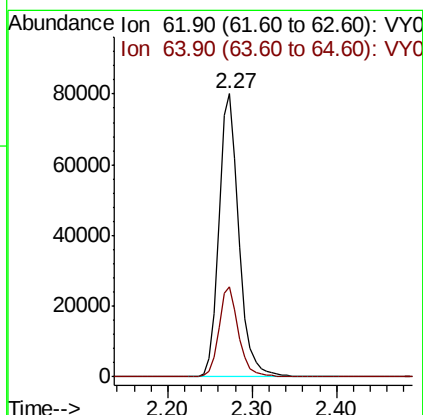
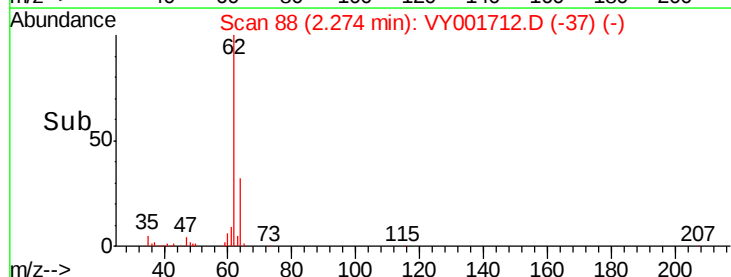
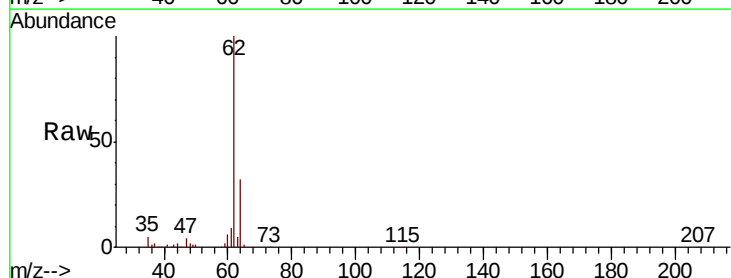
Acq: 20 Feb 2020 10:19

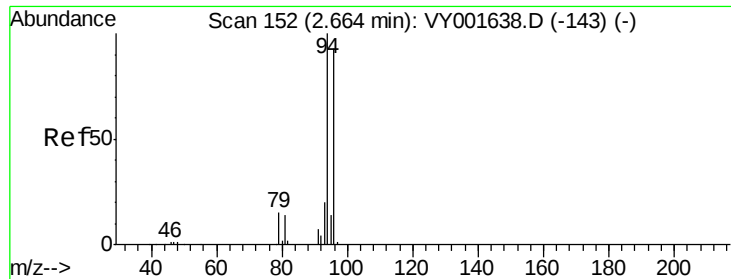
Tgt Ion: 62 Resp: 130791

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 46.921 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

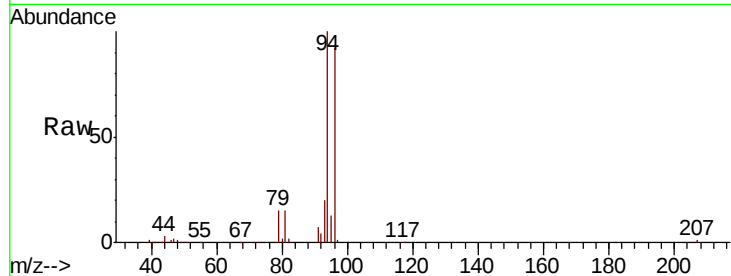
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 83305

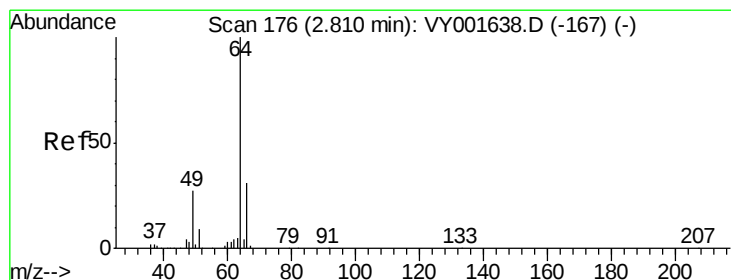
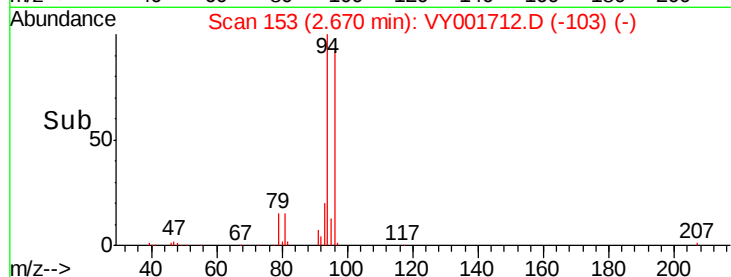
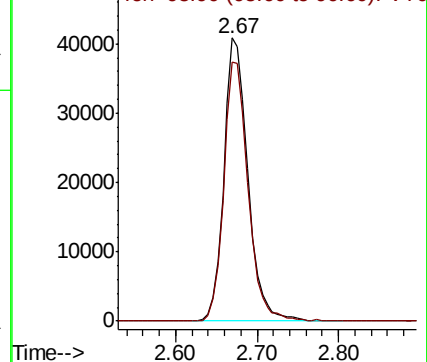
Ion Ratio Lower Upper

94 100

96 91.7 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: 45.786 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001712.D

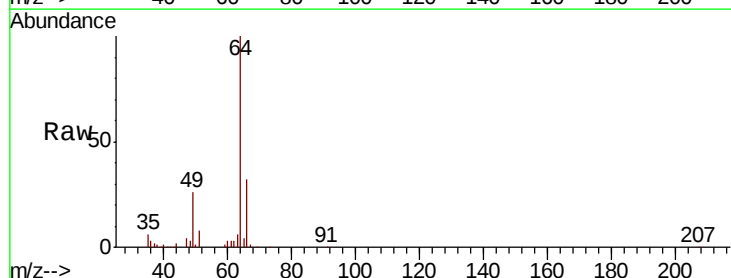
Acq: 20 Feb 2020 10:19

Tgt Ion: 64 Resp: 80150

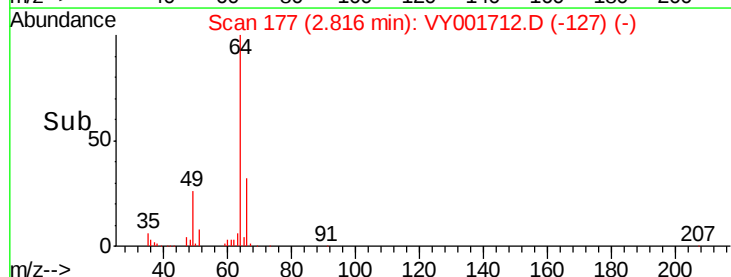
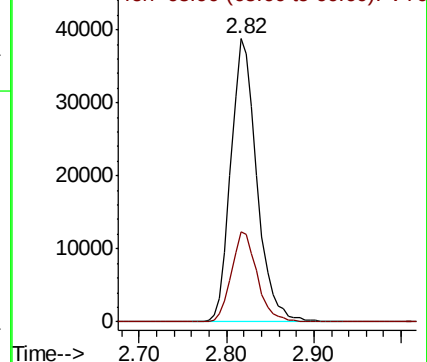
Ion Ratio Lower Upper

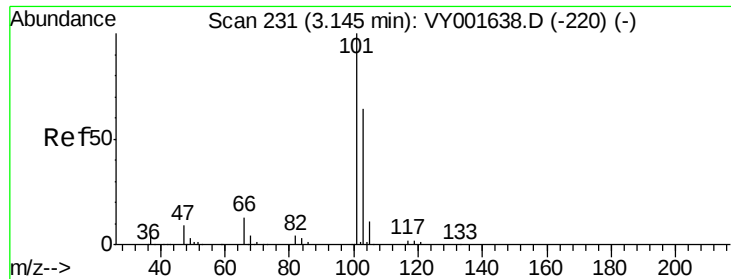
64 100

66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



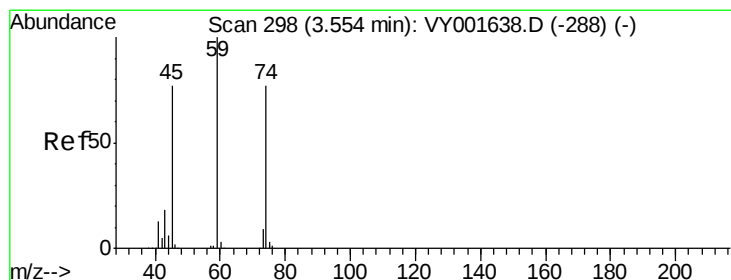
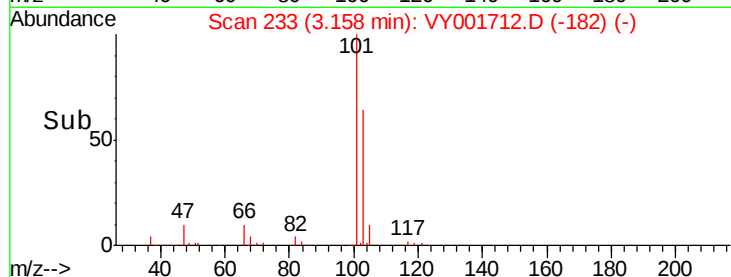
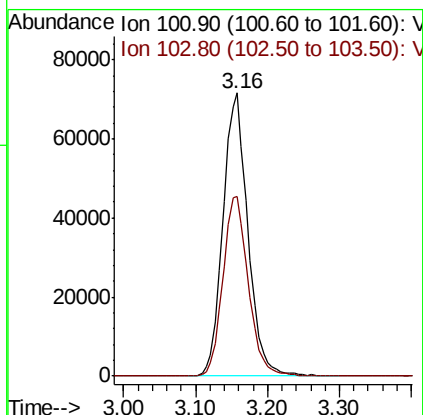
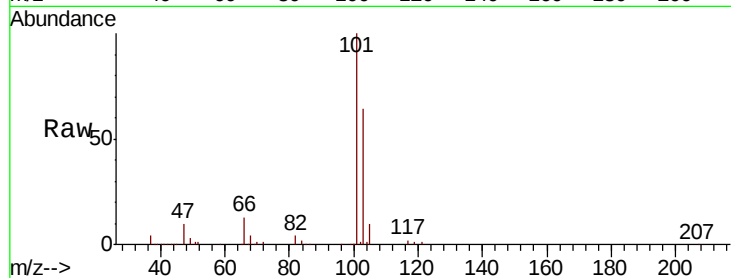


#7

Trichlorofluoromethane
 Concen: 47.306 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

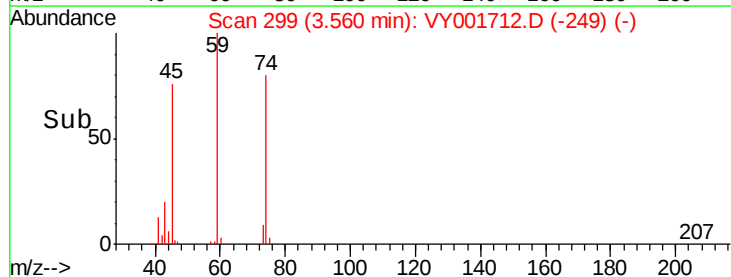
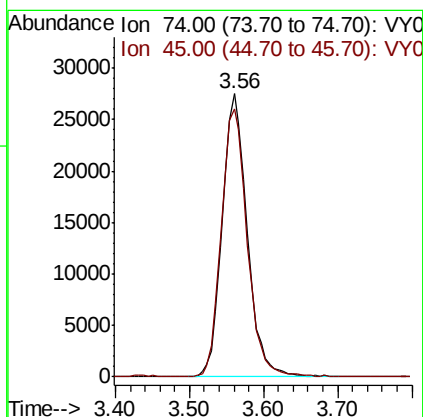
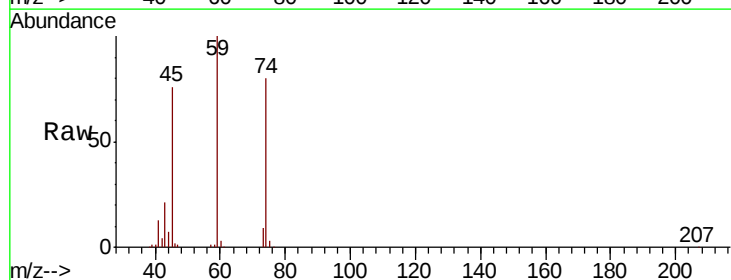
Tot Ion:101 Resp: 171994
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.2 78.2

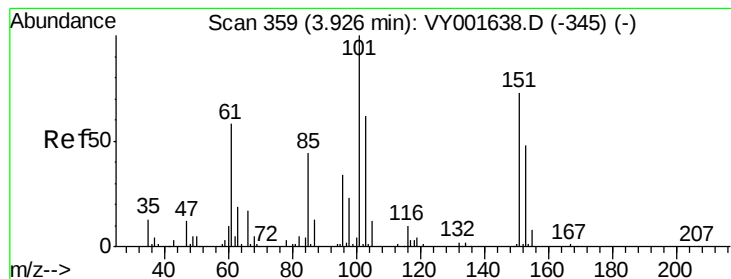


#8

Diethyl Ether
 Concen: 44.932 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 74 Resp: 64402
 Ion Ratio Lower Upper
 74 100
 45 98.4 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.038 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

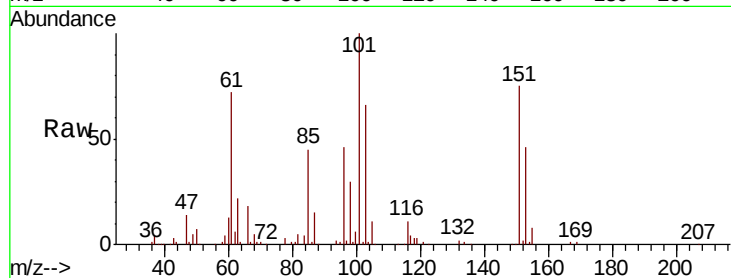
Tot Ion:101 Resp: 105208

Ion Ratio Lower Upper

101 100

85 45.0 35.1 52.7

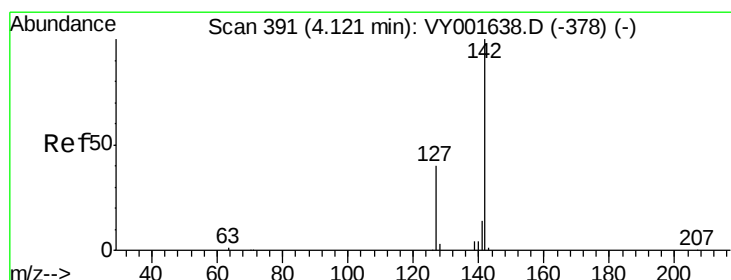
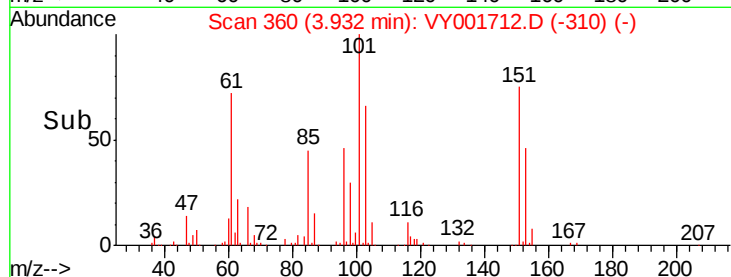
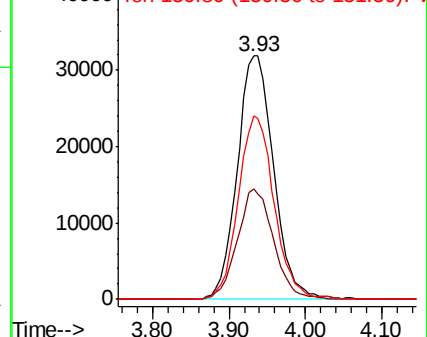
151 74.4 58.4 87.6



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: 46.754 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

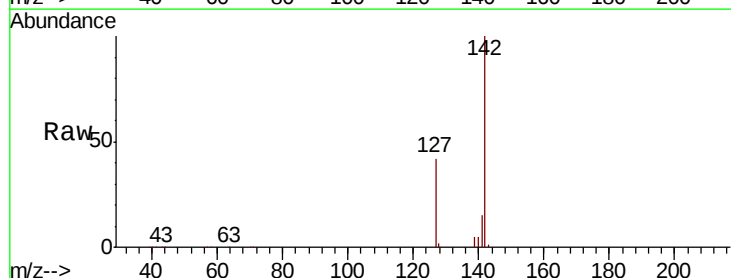
Tgt Ion:142 Resp: 130762

Ion Ratio Lower Upper

142 100

127 41.1 32.1 48.1

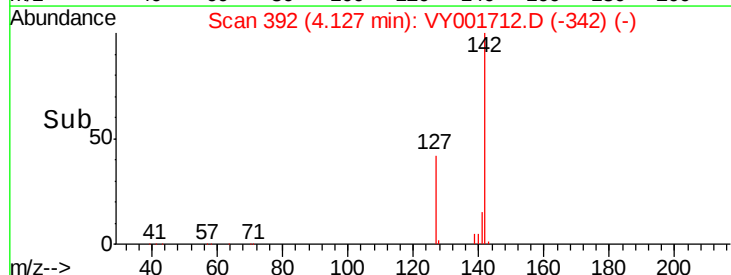
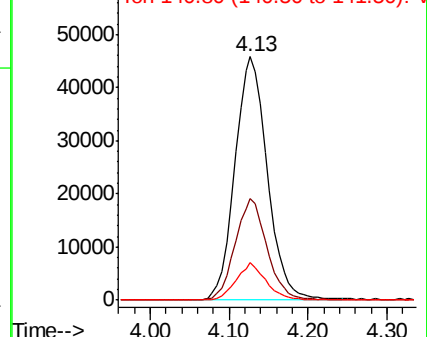
141 14.2 11.3 16.9

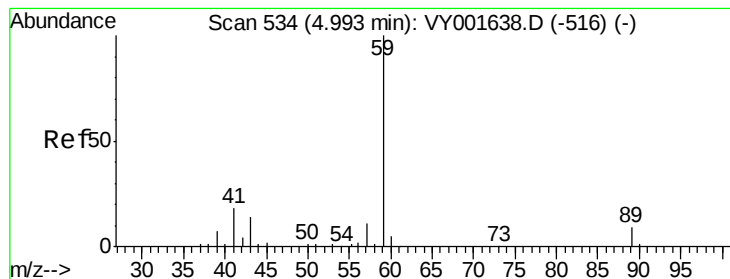


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



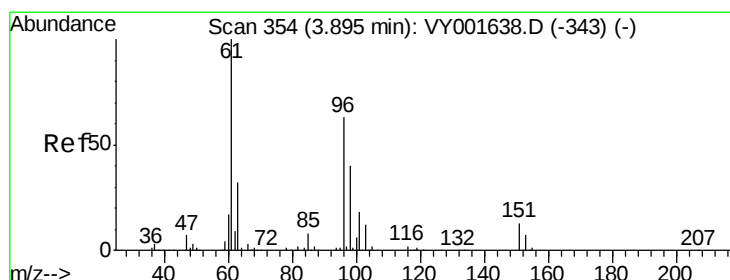
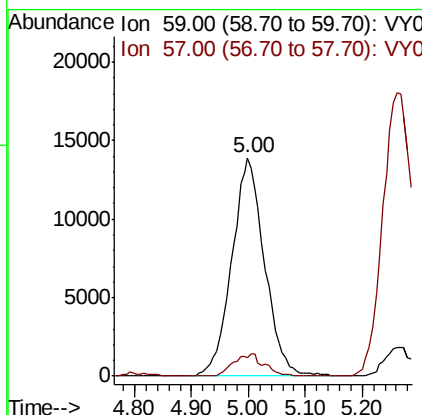
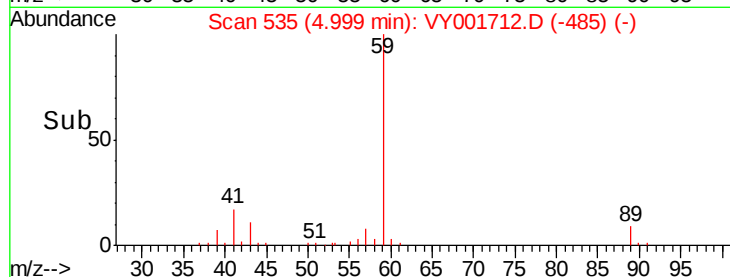
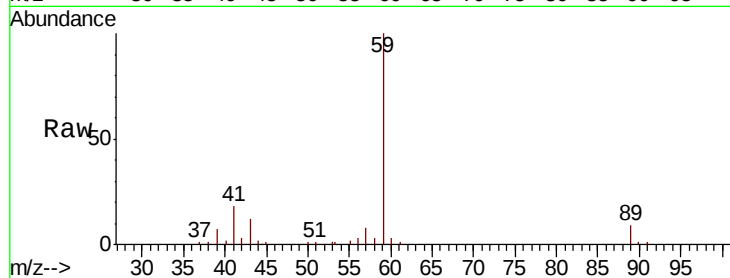


#11

Tert butyl alcohol
 Concen: 203.105 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

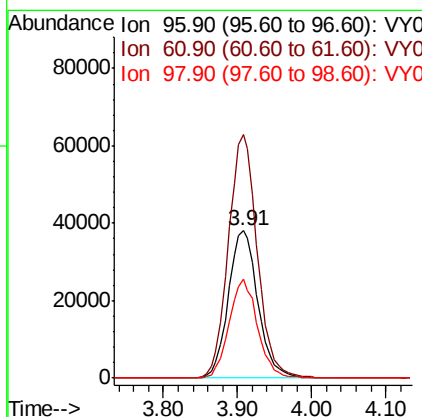
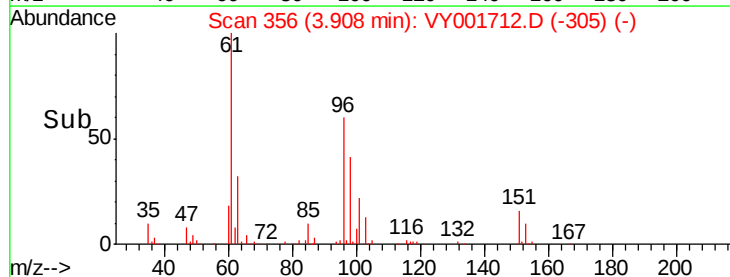
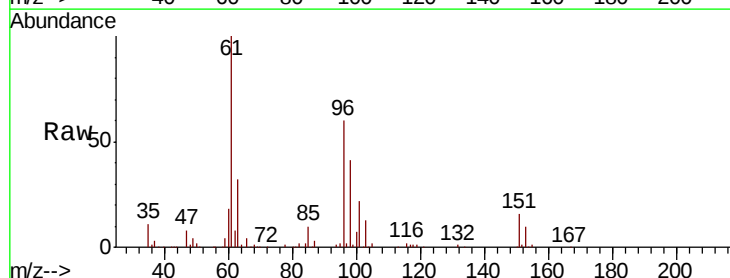
Tot Ion: 59 Resp: 55640
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.4 11.2

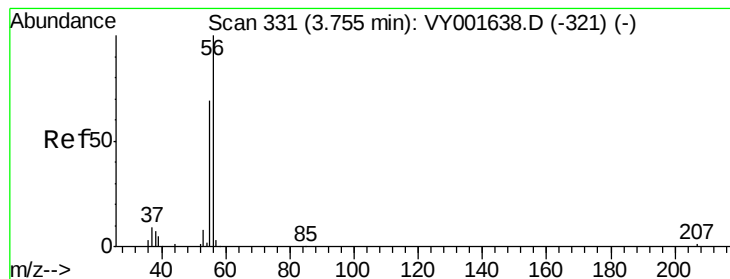


#12

1,1-Dichloroethene
 Concen: 45.389 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 96 Resp: 105791
 Ion Ratio Lower Upper
 96 100
 61 165.4 128.7 193.1
 98 67.5 50.7 76.1





#13

Acrolein

Concen: 244.998 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

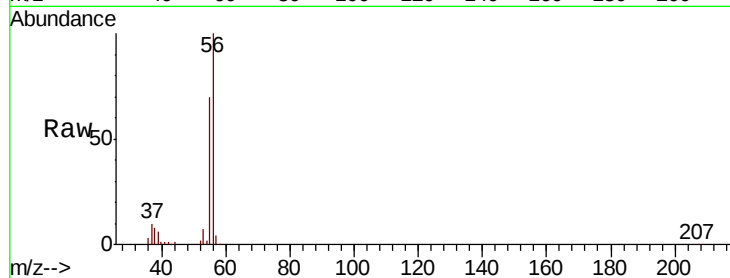
ClientSampleId :

Tot Ion: 56 Resp: 57174

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.77

25000

20000

15000

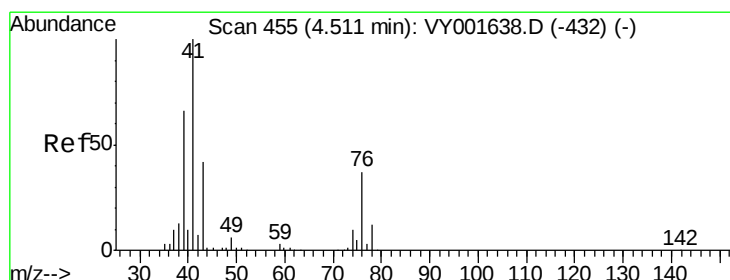
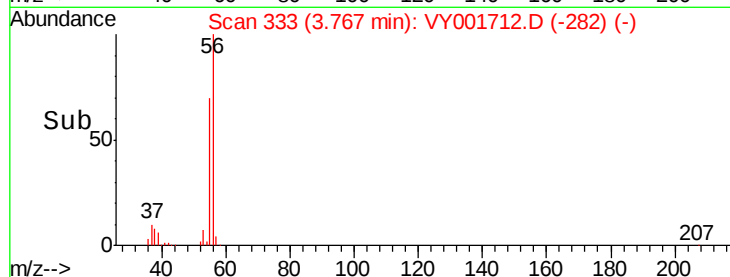
10000

5000

0

Time-->

3.70 3.80 3.90



#14

Allyl chloride

Concen: 46.369 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

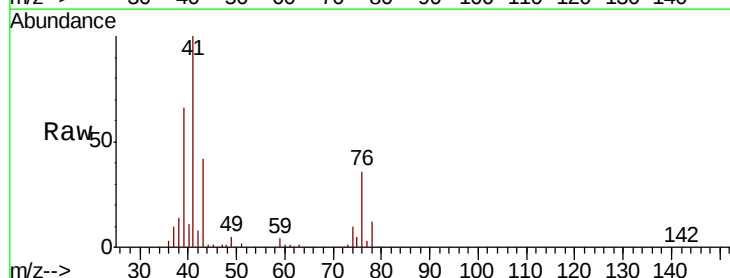
Tgt Ion: 41 Resp: 192345

Ion Ratio Lower Upper

41 100

39 64.1 49.4 74.0

76 36.0 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

100000

80000

60000

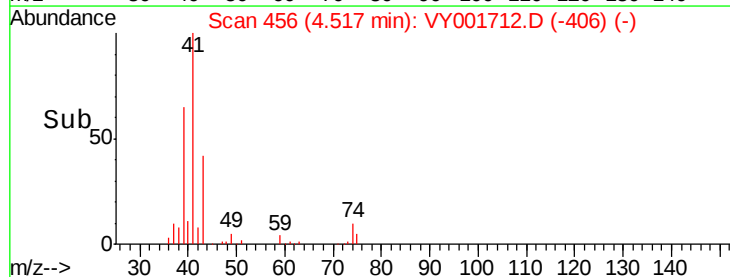
40000

20000

0

Time-->

4.40 4.60





#15

Acrylonitrile

Concen: 227.273 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

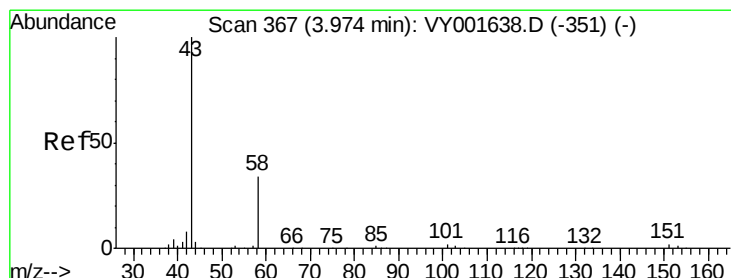
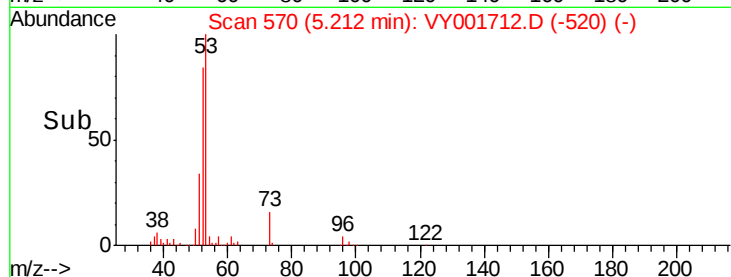
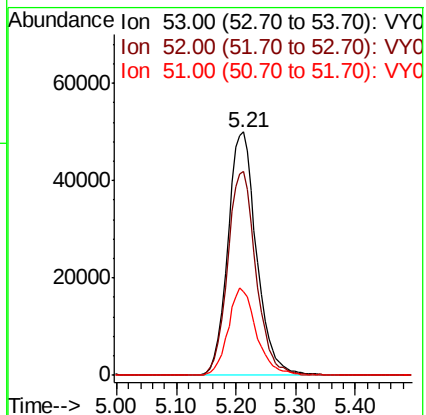
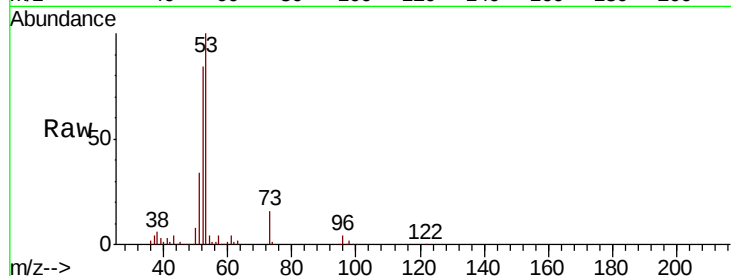
Tot Ion: 53 Resp: 166972

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 35.5 28.0 42.0



#16

Acetone

Concen: 248.276 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001712.D

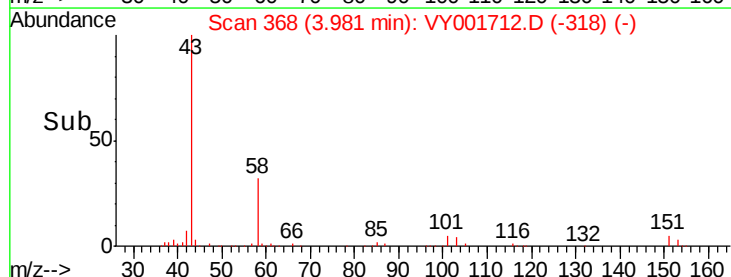
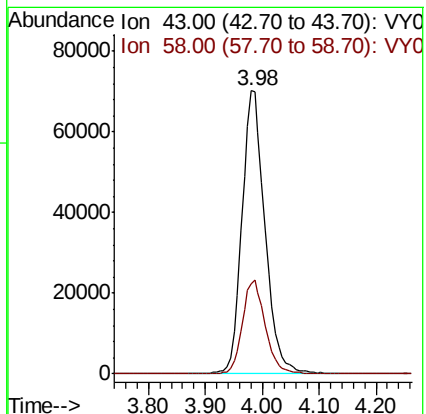
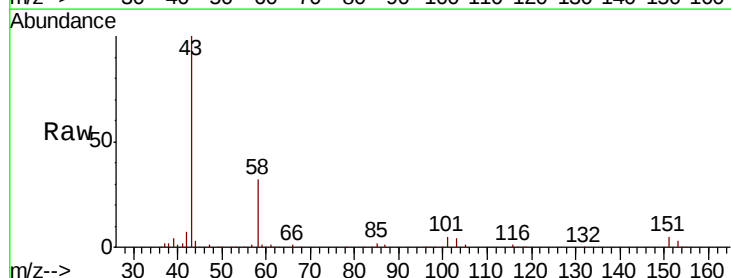
Acq: 20 Feb 2020 10:19

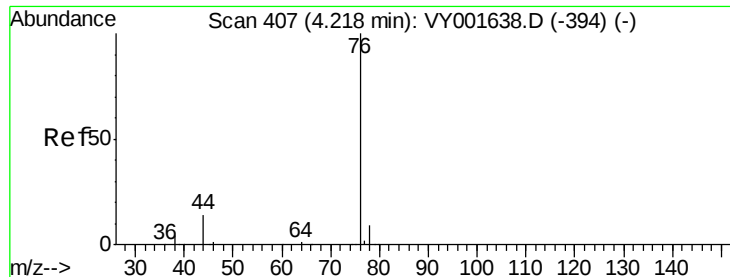
Tgt Ion: 43 Resp: 198500

Ion Ratio Lower Upper

43 100

58 31.9 27.3 40.9

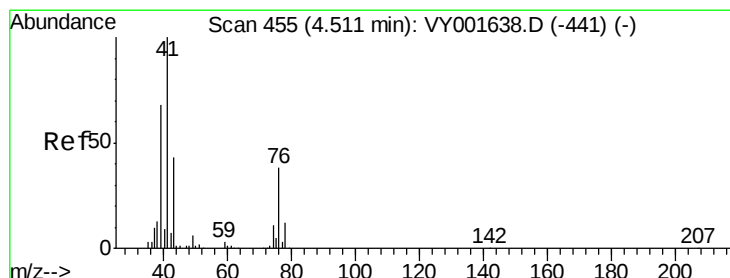
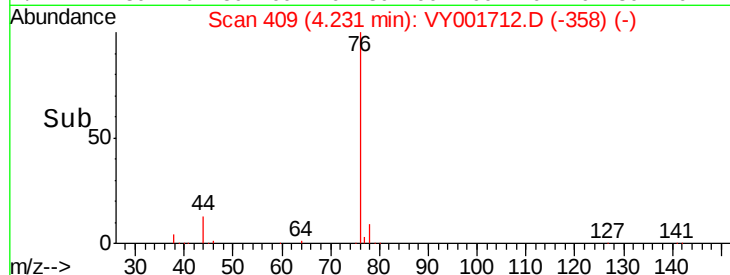
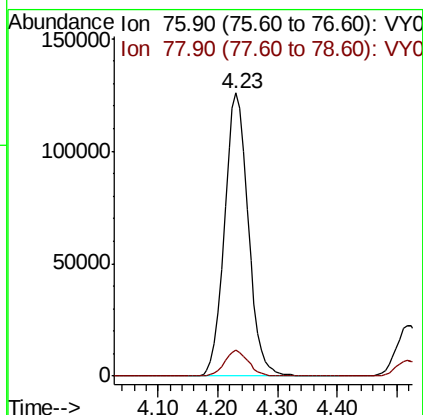
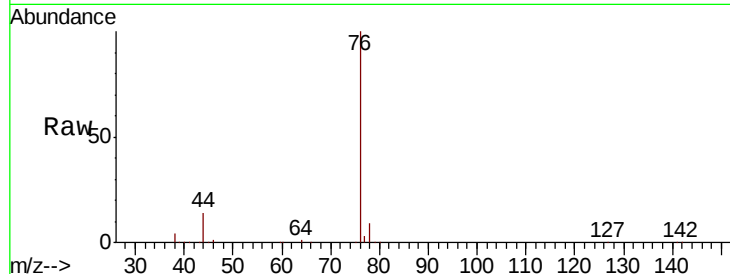




#17
Carbon Disulfide
Concen: 44.747 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

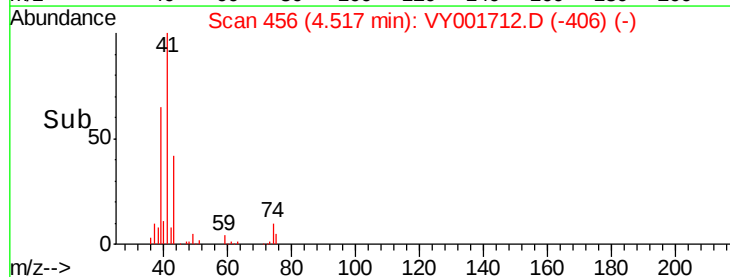
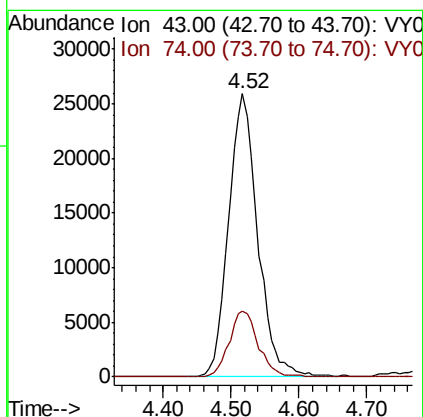
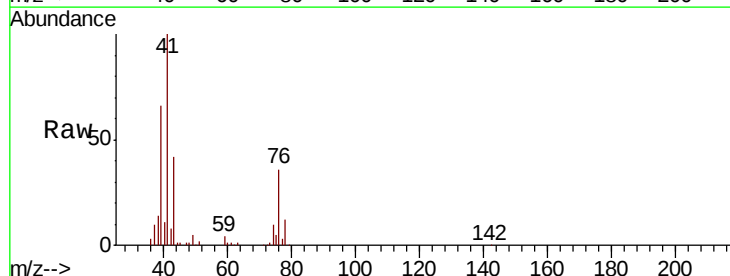
Instrument :
MSVOA_Y
ClientSampled :

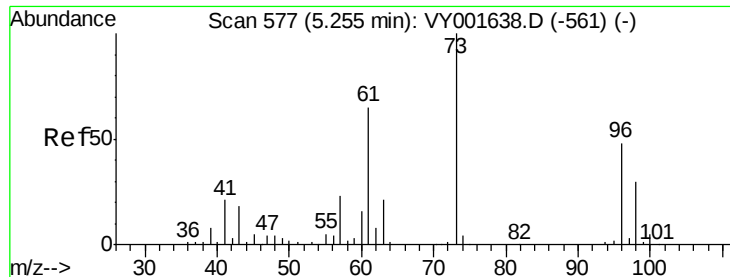
Tot Ion: 76 Resp: 348203
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 44.220 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 43 Resp: 76993
Ion Ratio Lower Upper
43 100
74 23.2 19.1 28.7



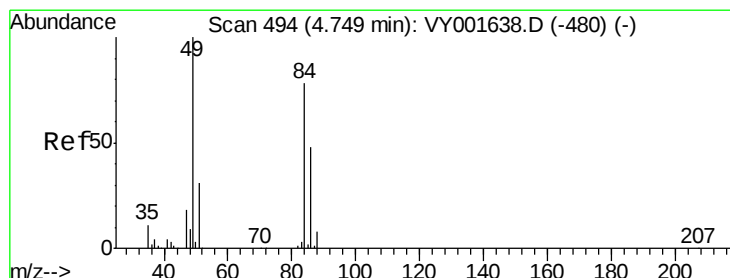
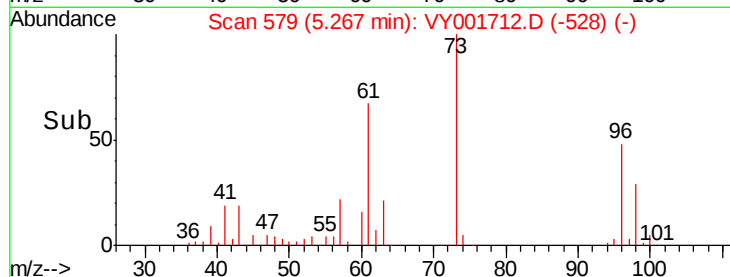
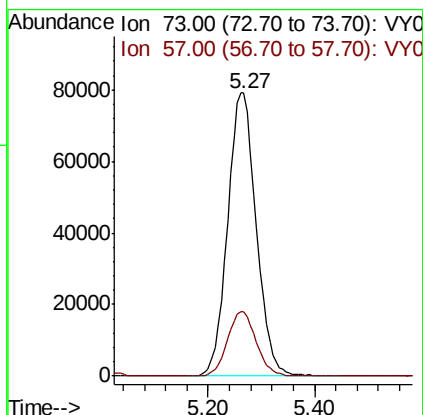
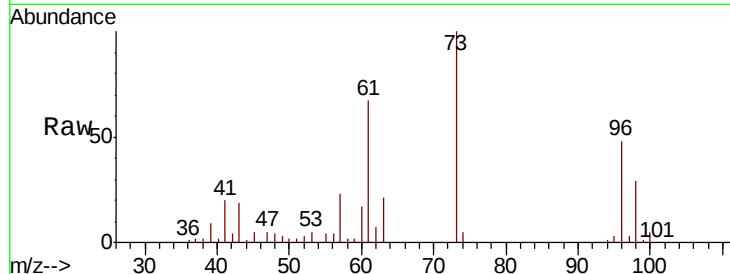


#19

Methyl tert-butyl Ether
 Concen: 45.589 ug/l
 RT: 5.27 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

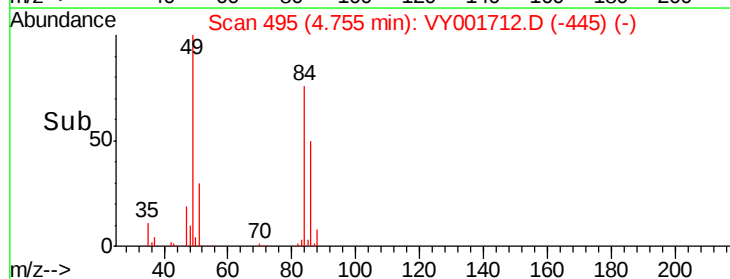
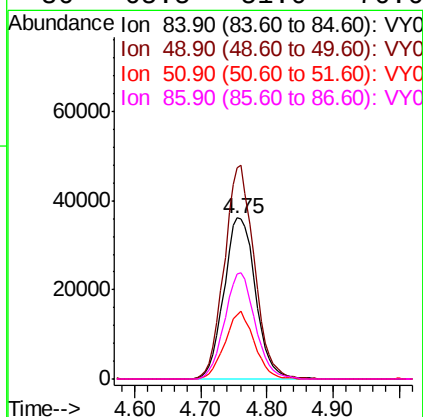
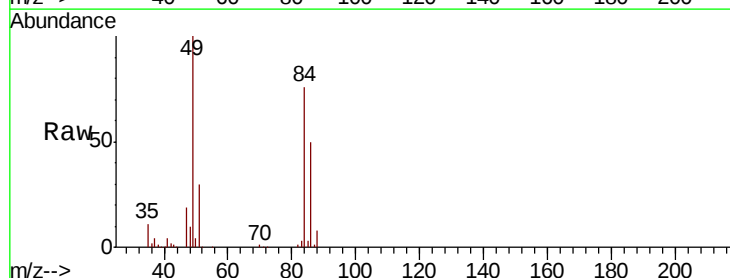
Tot Ion: 73 Resp: 295845
 Ion Ratio Lower Upper
 73 100
 57 22.7 19.0 28.6

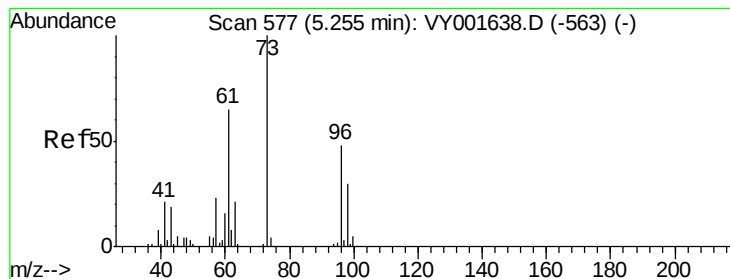


#20

Methylene Chloride
 Concen: 42.100 ug/l
 RT: 4.75 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 84 Resp: 119559
 Ion Ratio Lower Upper
 84 100
 49 130.8 99.2 148.8
 51 39.8 31.5 47.3
 86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.107 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

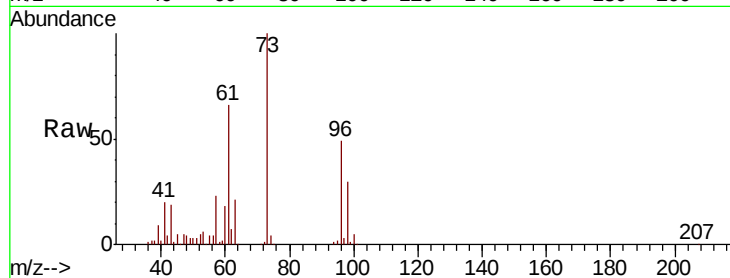
Tot Ion: 96 Resp: 119953

Ion Ratio Lower Upper

96 100

61 134.3 107.9 161.9

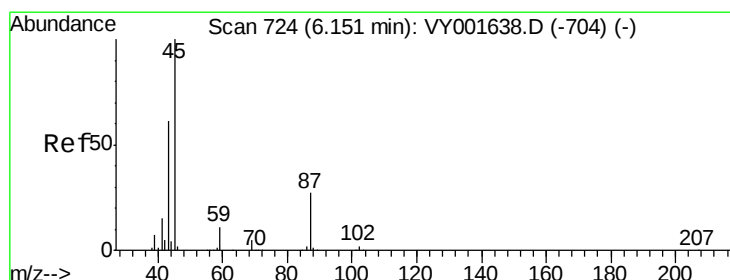
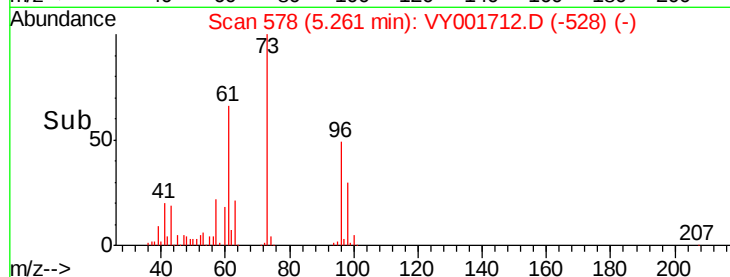
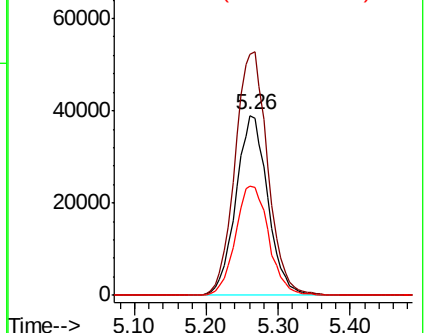
98 60.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY001638.D (-563) (-)

Ion 60.90 (60.60 to 61.60): VY001638.D (-563) (-)

Ion 97.90 (97.60 to 98.60): VY001638.D (-563) (-)



#22

Diisopropyl ether

Concen: 45.871 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Tgt Ion: 45 Resp: 390761

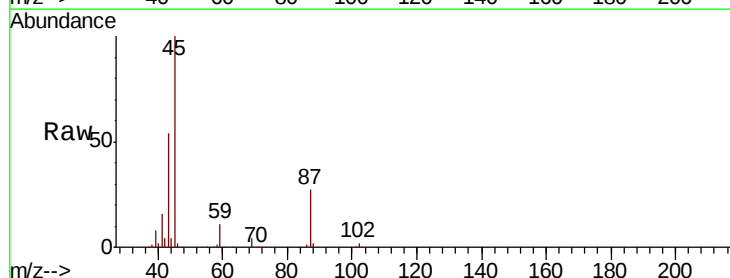
Ion Ratio Lower Upper

45 100

43 54.0 46.4 69.6

87 26.5 22.1 33.1

59 11.4 9.4 14.0

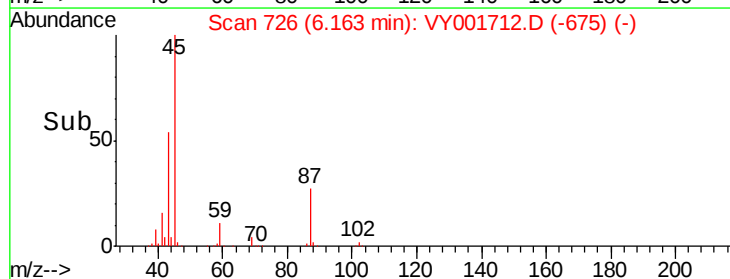
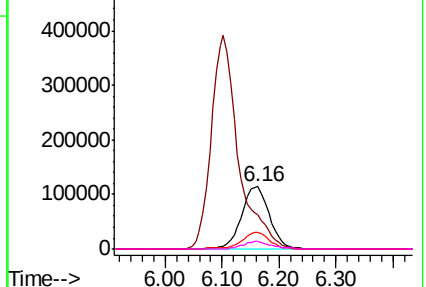


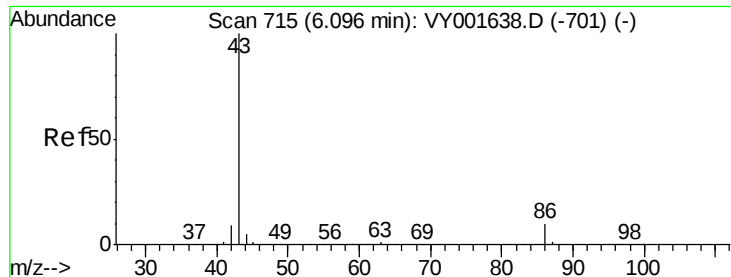
Abundance Ion 45.00 (44.70 to 45.70): VY001638.D (-704) (-)

Ion 43.00 (42.70 to 43.70): VY001638.D (-704) (-)

Ion 87.00 (86.70 to 87.70): VY001638.D (-704) (-)

Ion 59.00 (58.70 to 59.70): VY001638.D (-704) (-)

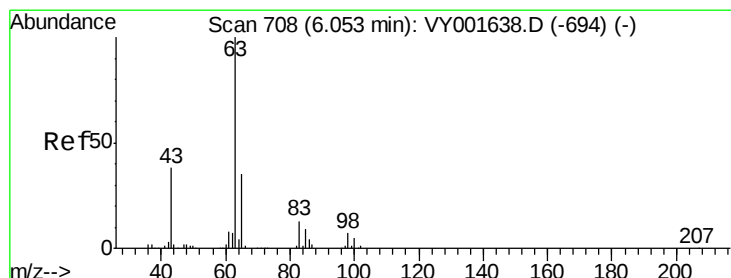
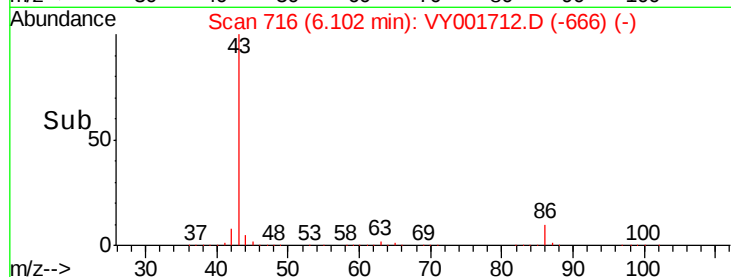
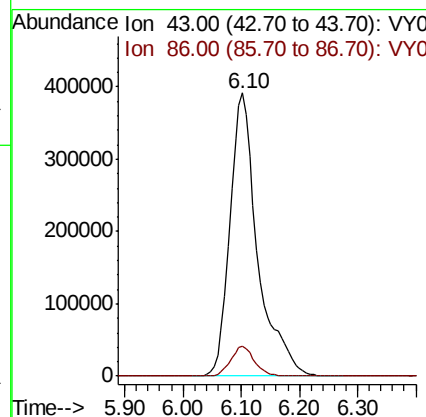
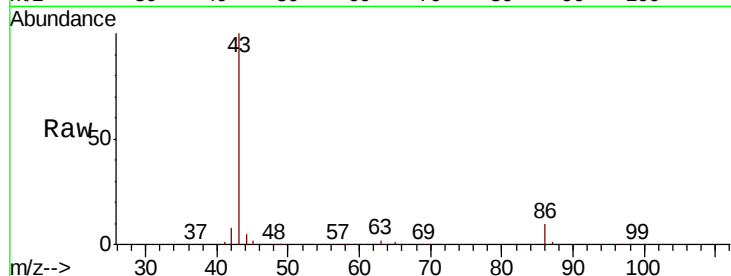




#23
 Vinyl Acetate
 Concen: 233.563 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

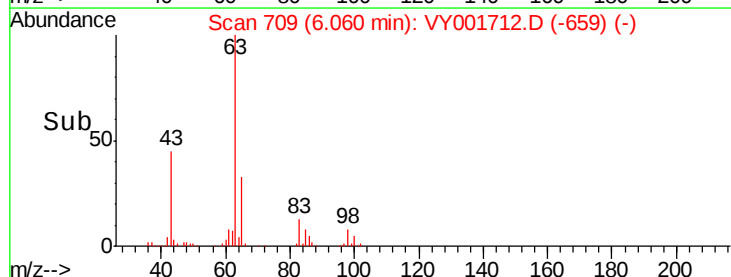
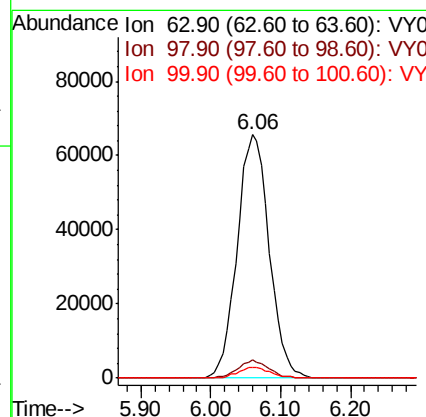
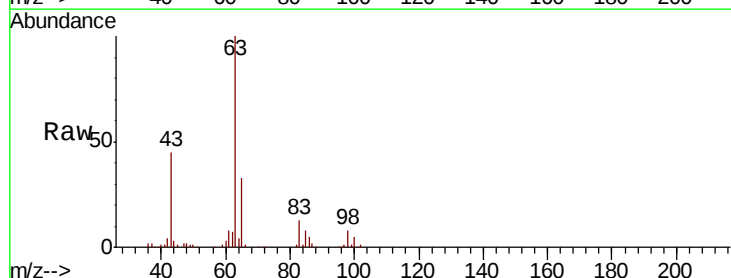
Instrument :
 MSVOA_Y
 ClientSampleId :

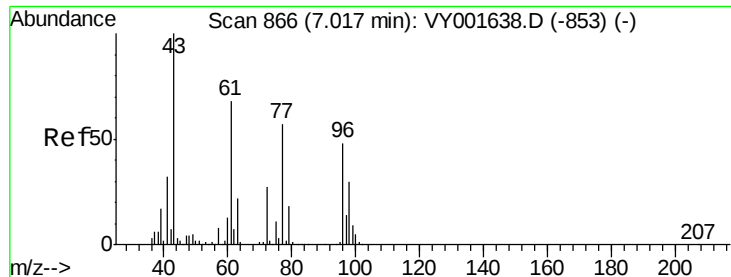
Tot Ion: 43 Resp: 1297835
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 45.893 ug/l
 RT: 6.06 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 63 Resp: 208952
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 243.724 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

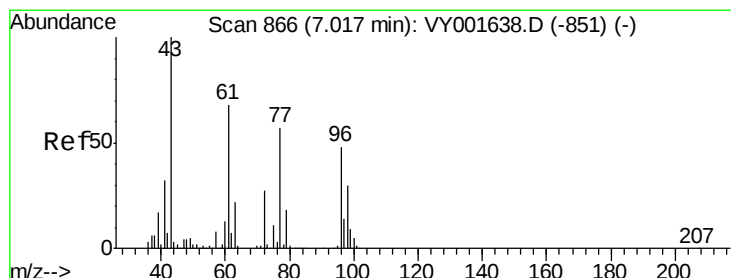
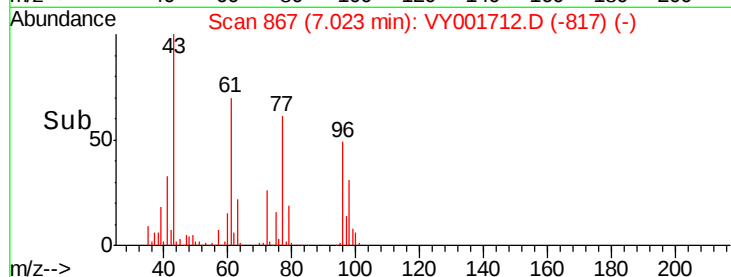
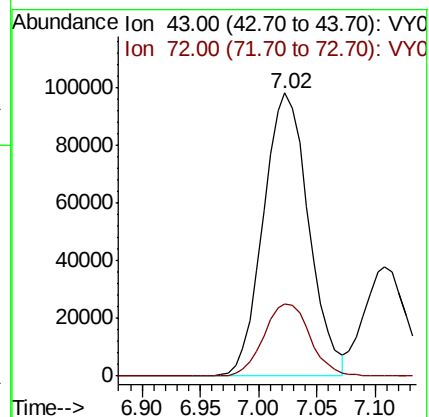
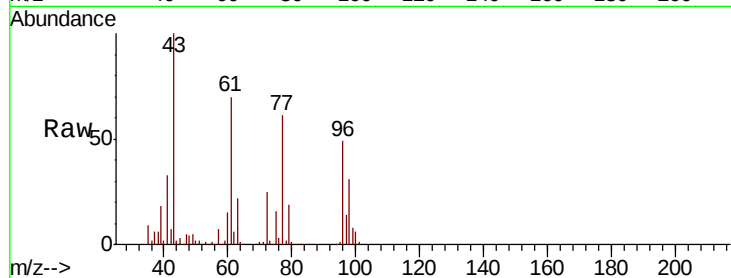
ClientSampleId :

Tot Ion: 43 Resp: 264710

Ion Ratio Lower Upper

43 100

72 25.5 21.2 31.8



#26

2,2-Dichloropropane

Concen: 46.370 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001712.D

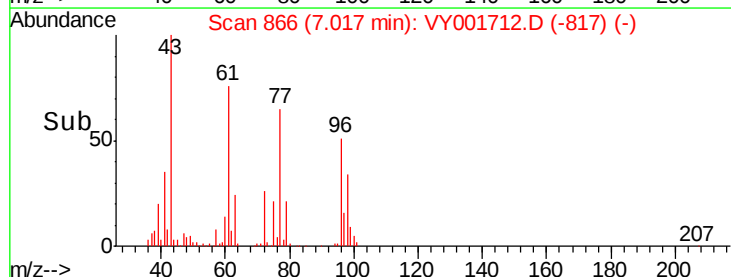
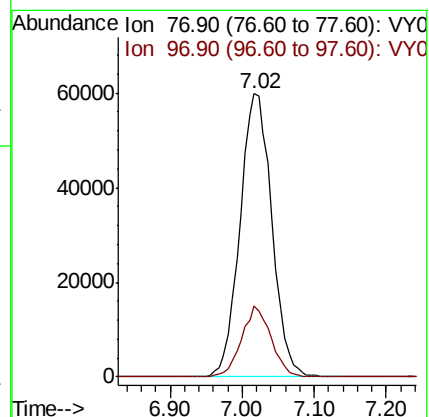
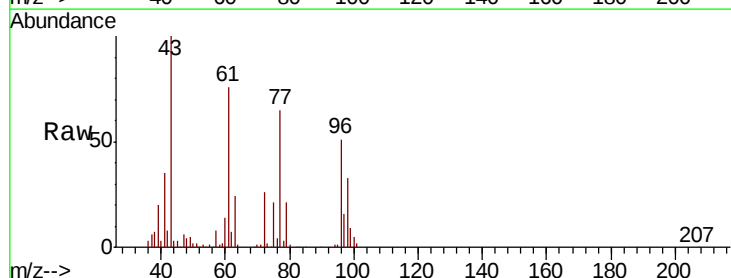
Acq: 20 Feb 2020 10:19

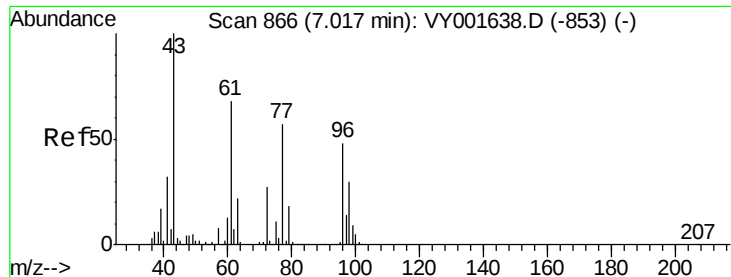
Tgt Ion: 77 Resp: 183683

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.4



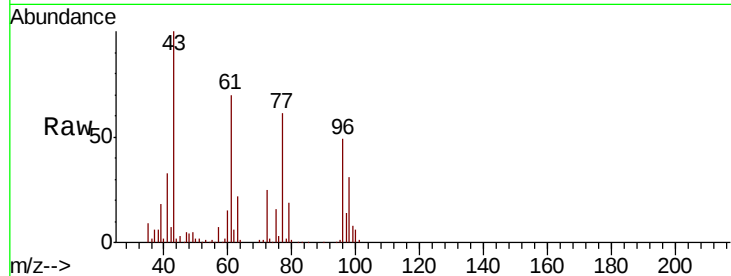


#27

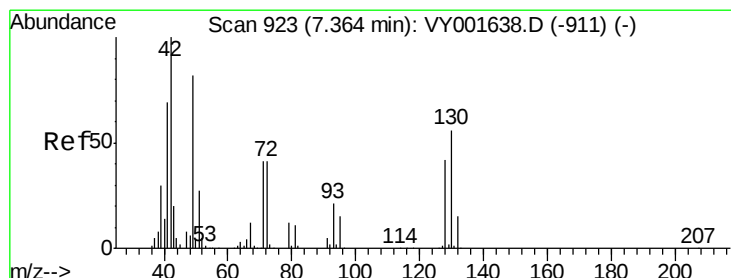
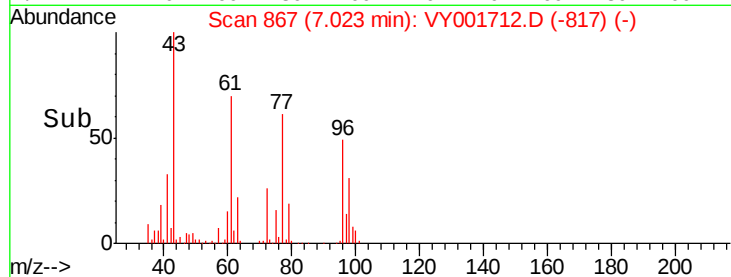
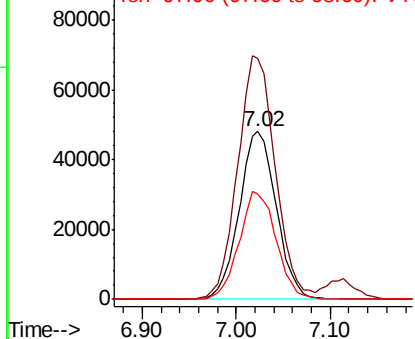
cis-1,2-Dichloroethene
Concen: 45.173 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	132597
Ion Ratio	Lower	Upper	
96	100		
61	147.0	0.0	290.8
98	63.8	0.0	128.6



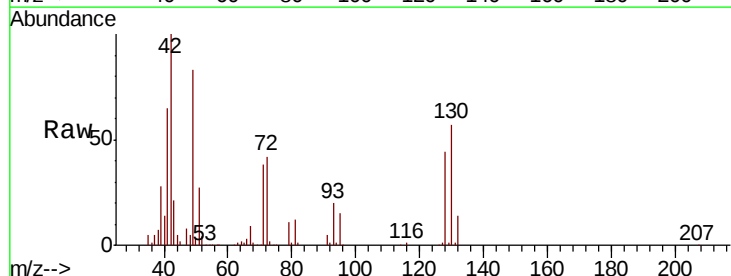
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



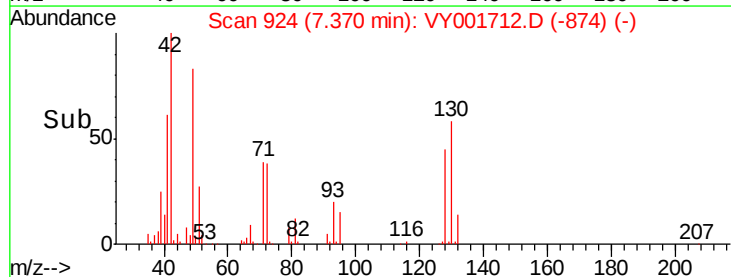
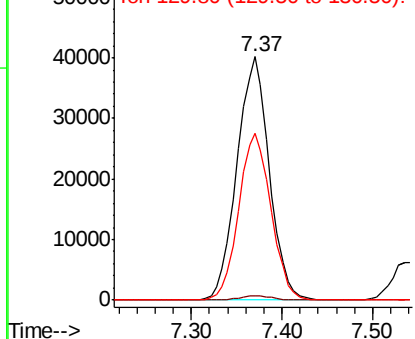
#28

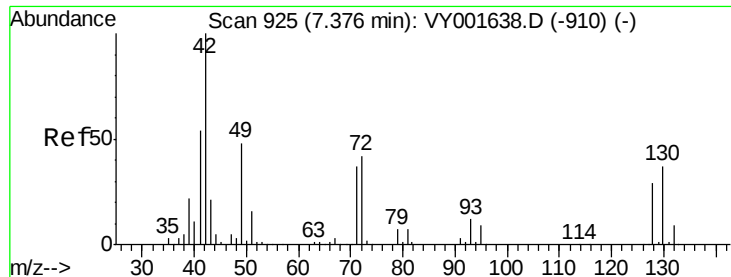
Bromochloromethane
Concen: 52.374 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion	49	Resp	99334
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.6
130	68.0	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

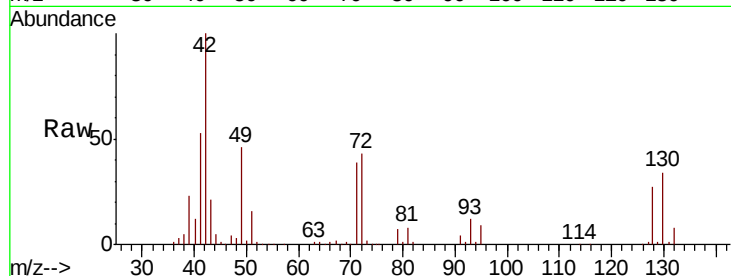




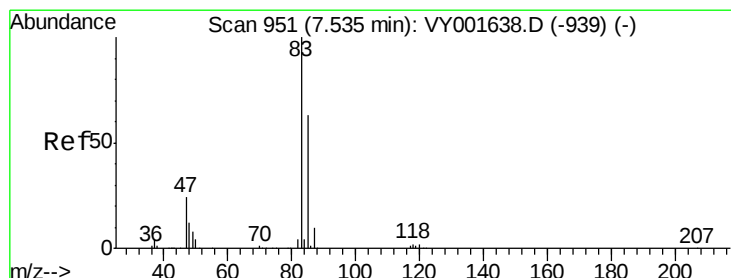
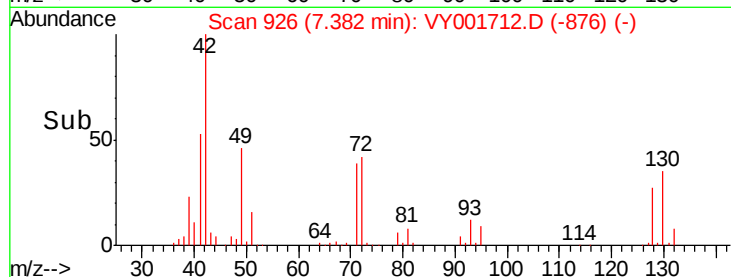
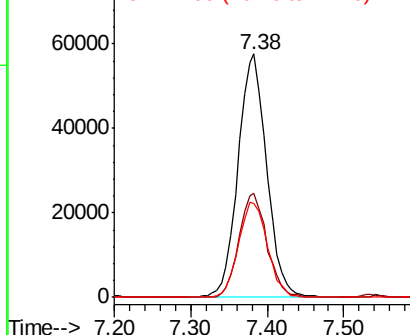
#29
Tetrahydrofuran
Concen: 227.931 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.4	51.6
71	39.5	31.8	47.8

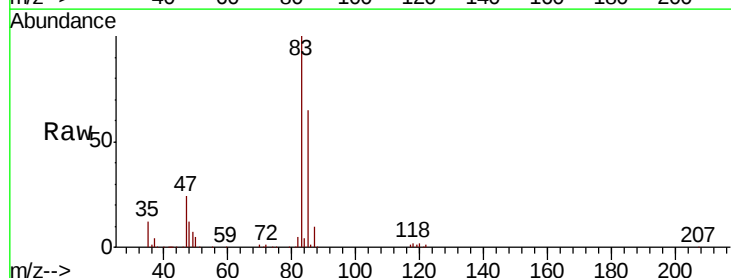


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

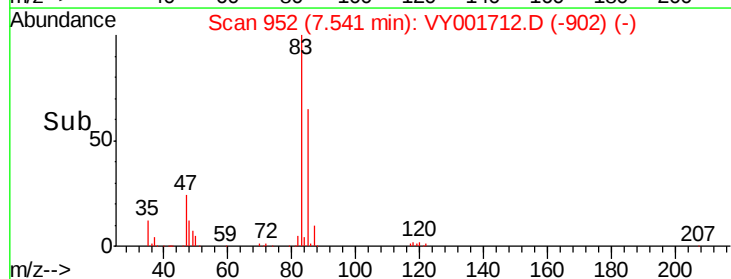
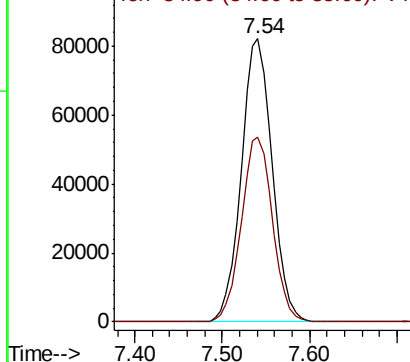


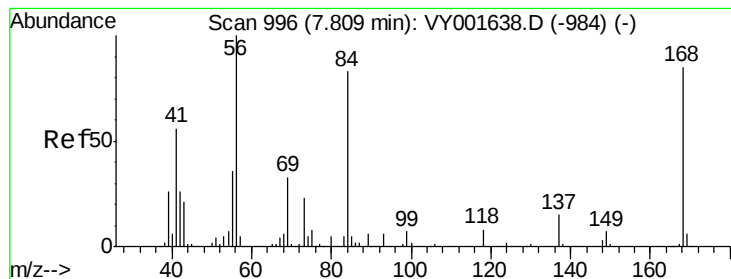
#30
Chloroform
Concen: 45.138 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	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: 44.395 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

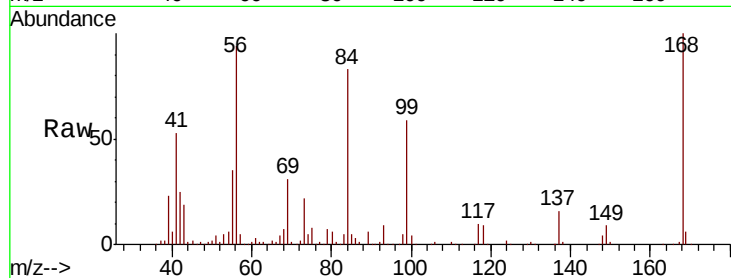
Tot Ion: 56 Resp: 215512

Ion Ratio Lower Upper

56 100

69 32.5 25.1 37.7

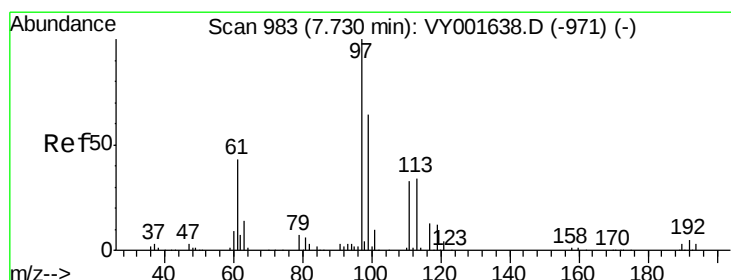
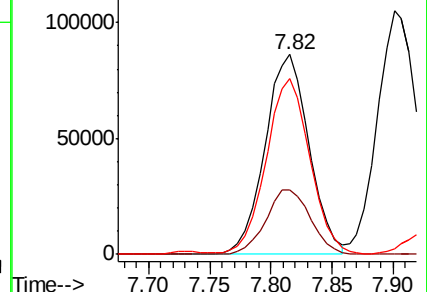
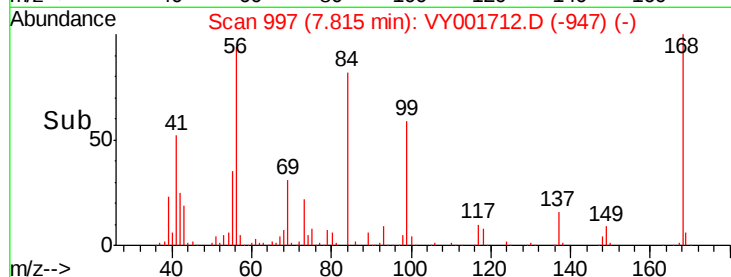
84 86.8 66.9 100.3



Abundance Ion 56.00 (55.70 to 56.70): VY001712.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001712.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001712.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 46.514 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

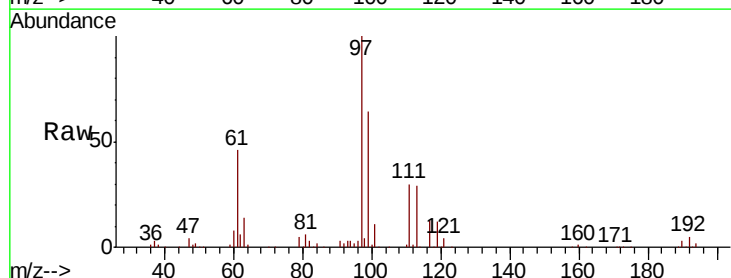
Tgt Ion: 97 Resp: 173918

Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

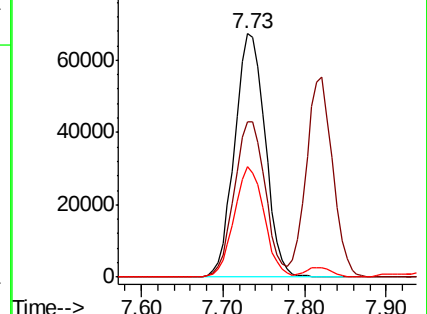
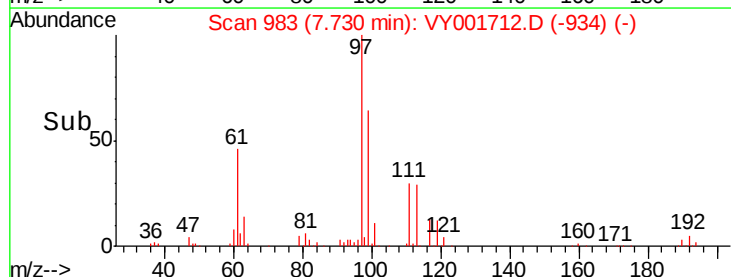
61 44.7 35.0 52.6

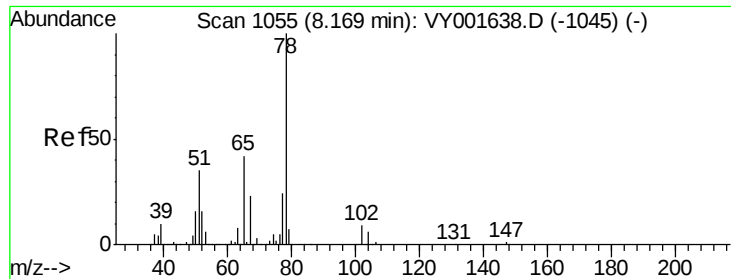


Abundance Ion 96.90 (96.60 to 97.60): VY001712.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001712.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001712.D (-934) (-)

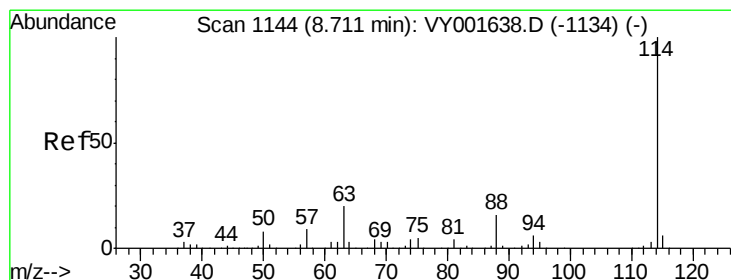
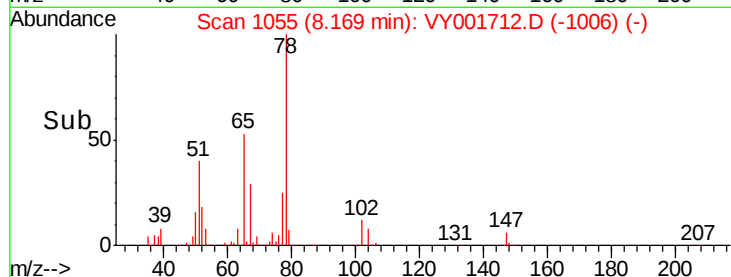
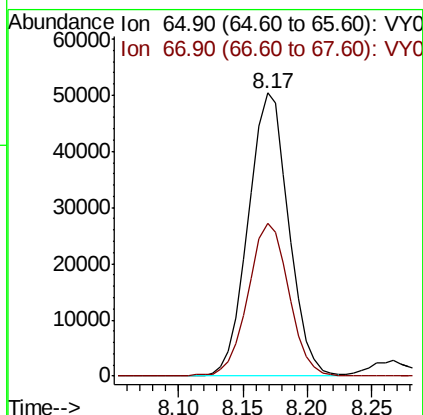
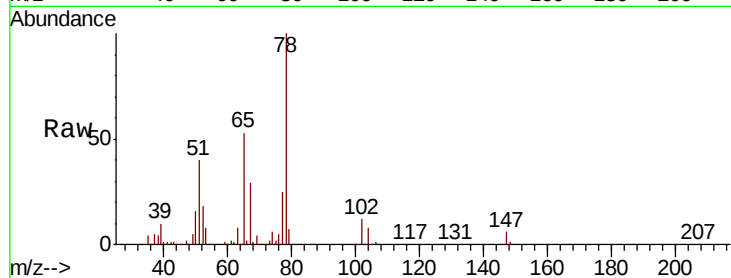




#33
 1,2-Dichloroethane-d4
 Concen: 47.250 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

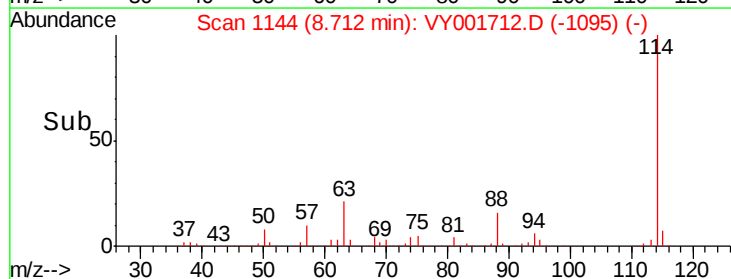
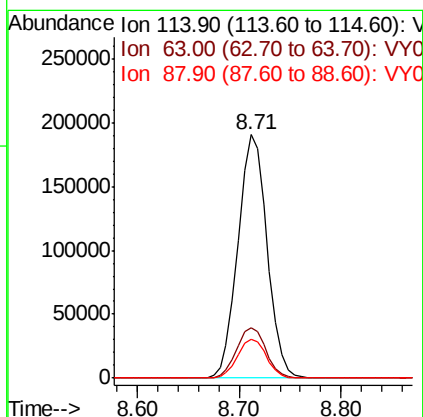
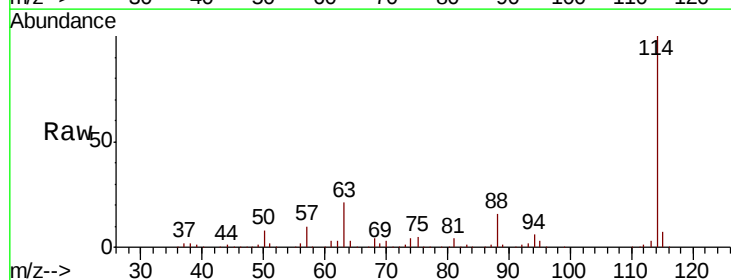
Instrument :
 MSVOA_Y
 ClientSampleId :

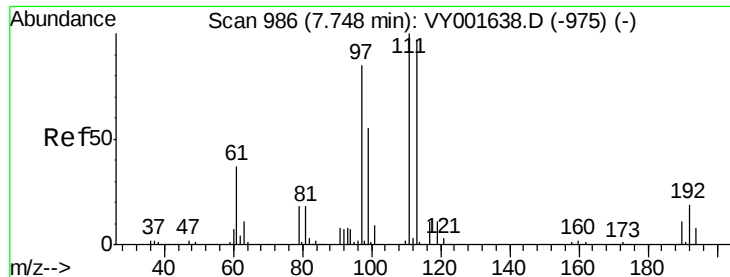
Tot Ion: 65 Resp: 109178
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 114 Resp: 376193
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.1 0.0 32.8

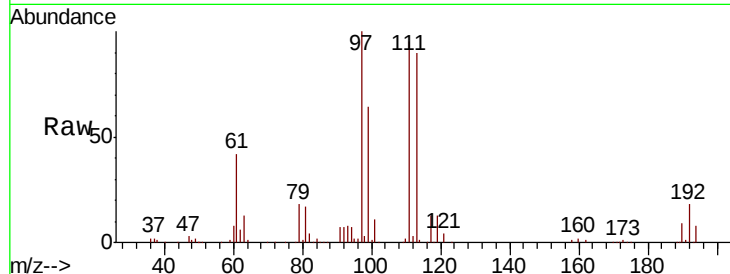




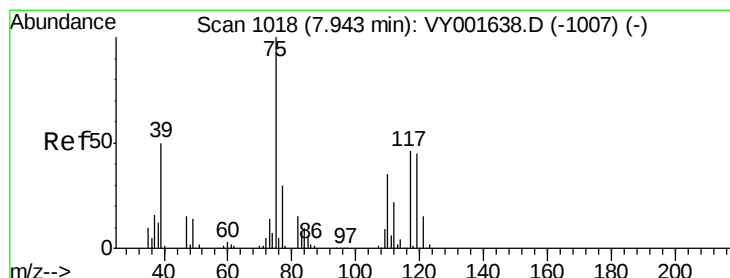
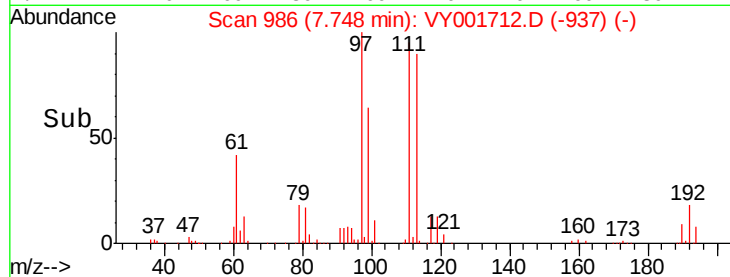
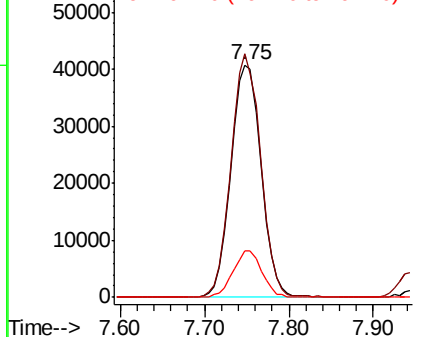
#35
 Dibromofluoromethane
 Concen: 45.931 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 98967
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 18.9 14.3 21.5

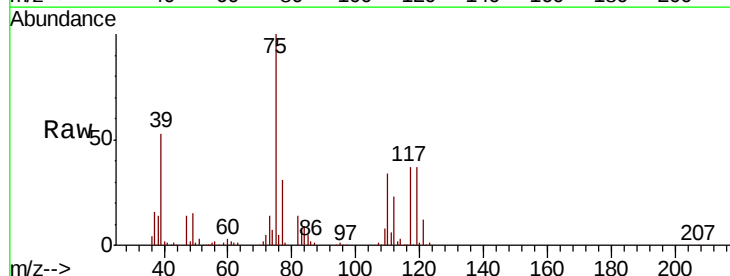


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

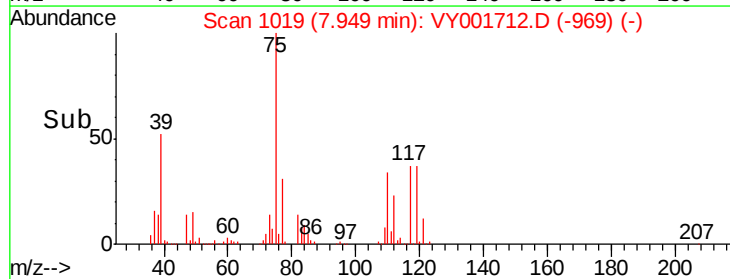
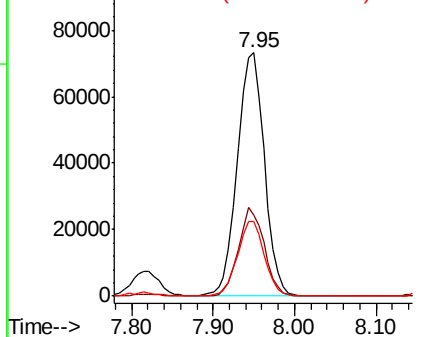


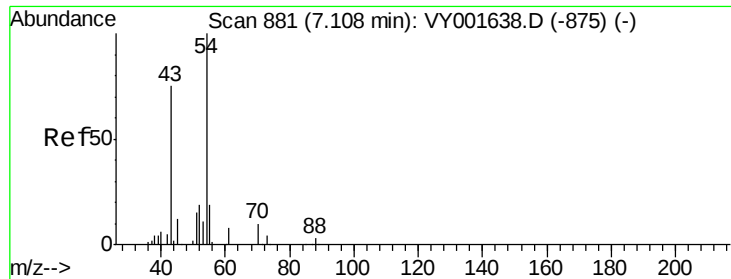
#36
 1,1-Dichloropropene
 Concen: 46.881 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 75 Resp: 168461
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.2 51.6
 77 30.6 24.8 37.2



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

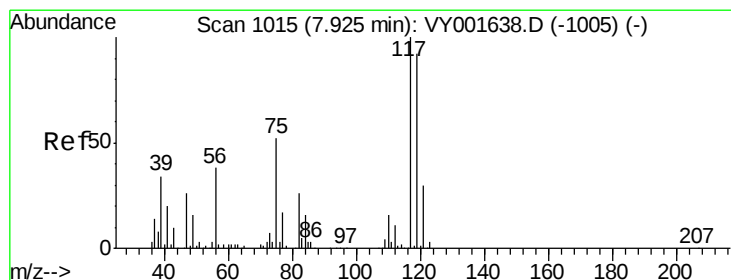
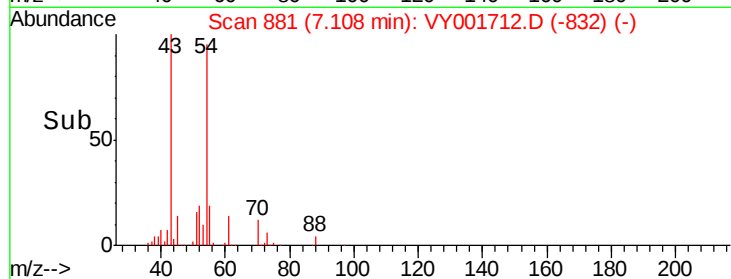
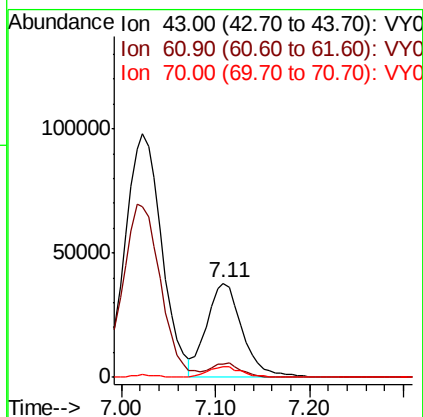
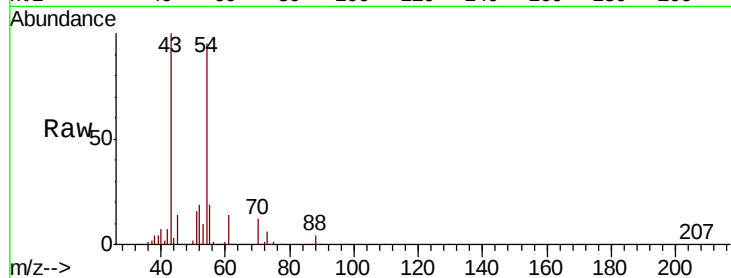




#37
Ethyl Acetate
Concen: 46.132 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

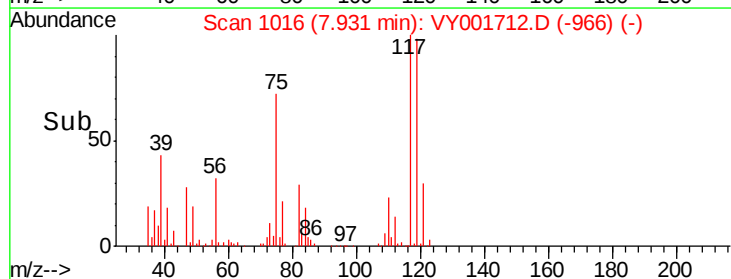
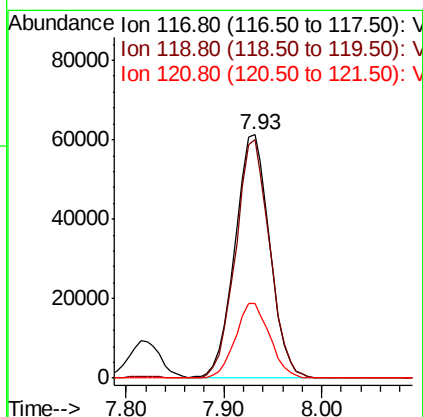
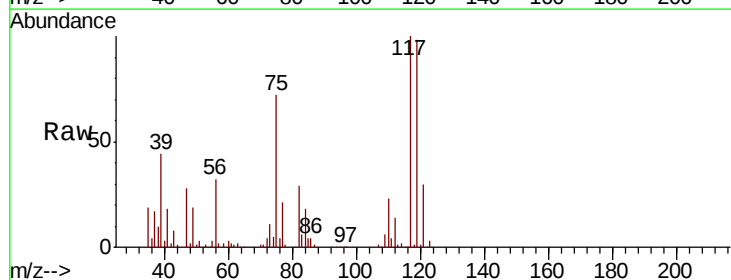
Instrument :
MSVOA_Y
ClientSampled :

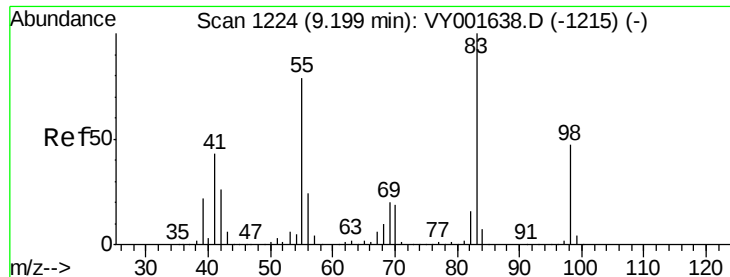
Tot Ion: 43 Resp: 98939
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.947 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 117 Resp: 151332
Ion Ratio Lower Upper
117 100
119 98.0 74.8 112.2
121 30.4 23.8 35.6

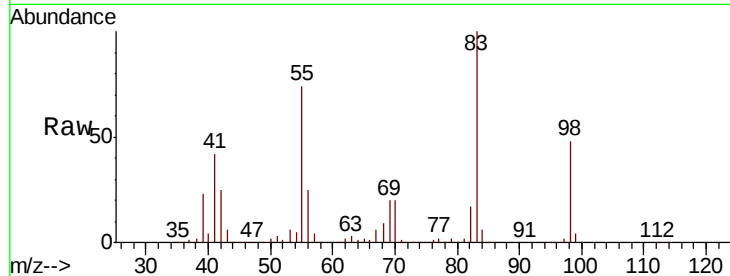




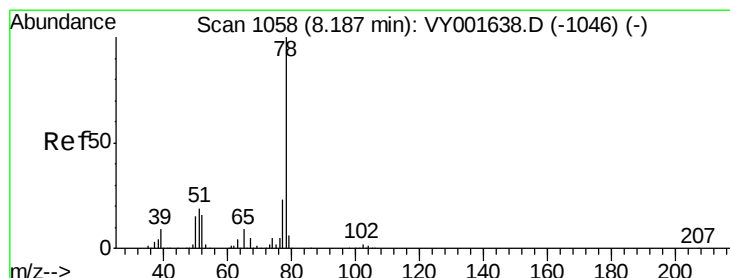
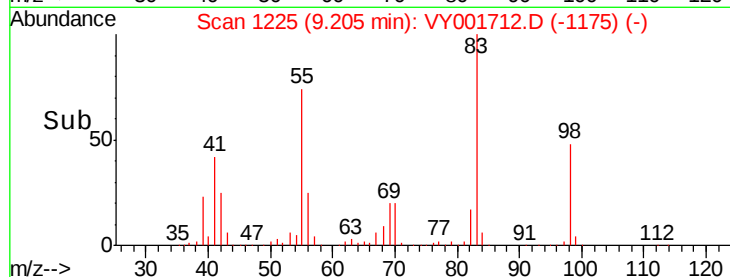
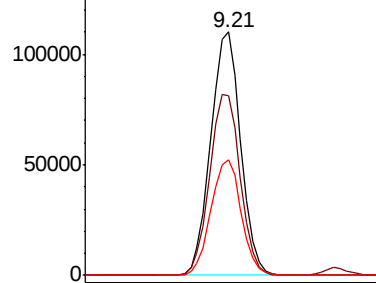
#39
Methvlcvclohexane
Concen: 47.047 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 224281
Ion Ratio Lower Upper
83 100
55 73.7 61.3 91.9
98 47.6 38.0 57.0

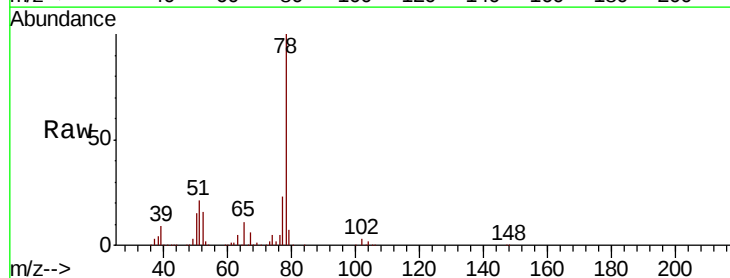


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

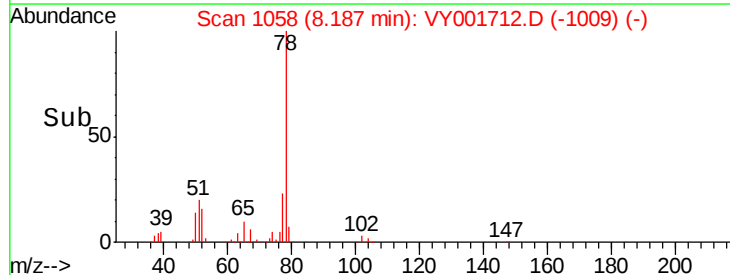
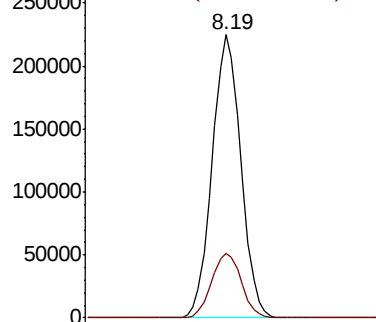


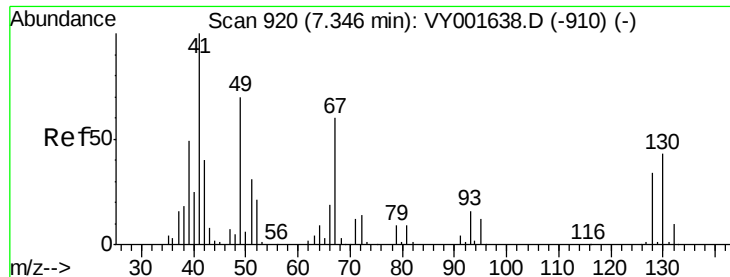
#40
Benzene
Concen: 46.493 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 78 Resp: 491351
Ion Ratio Lower Upper
78 100
77 22.8 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: 126.193 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.03 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 41 Resp: 135895

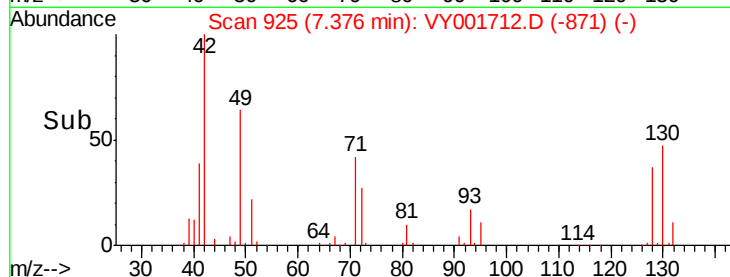
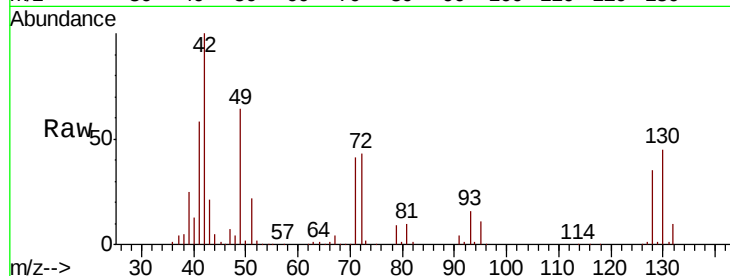
Ion Ratio Lower Upper

41 100

39 0.0 36.0 54.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

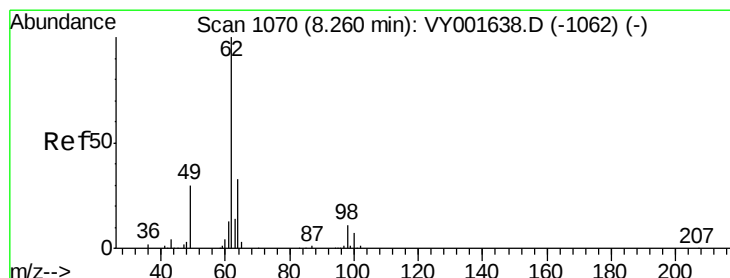
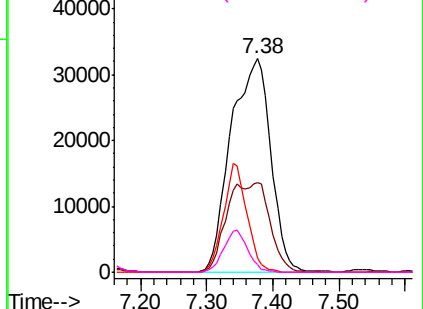


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 46.912 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VY001712.D

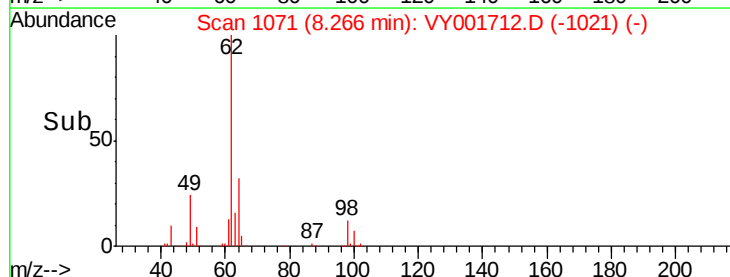
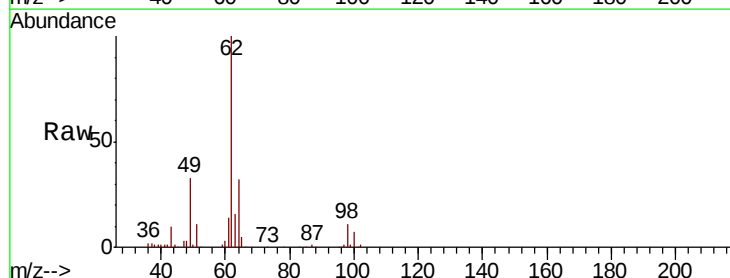
Acq: 20 Feb 2020 10:19

Tgt Ion: 62 Resp: 135066

Ion Ratio Lower Upper

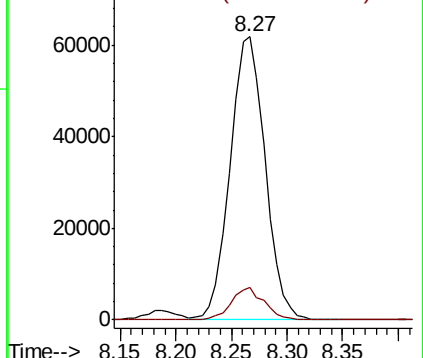
62 100

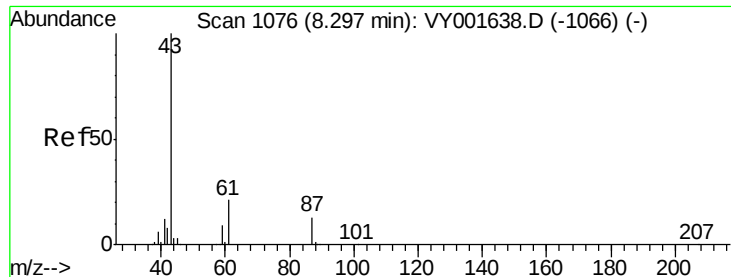
98 10.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



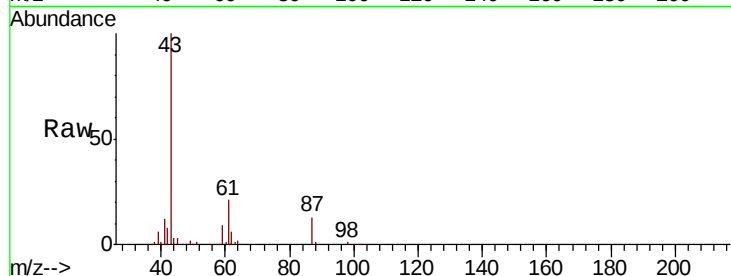


#43

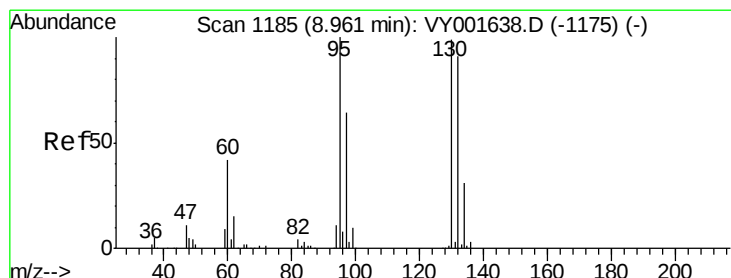
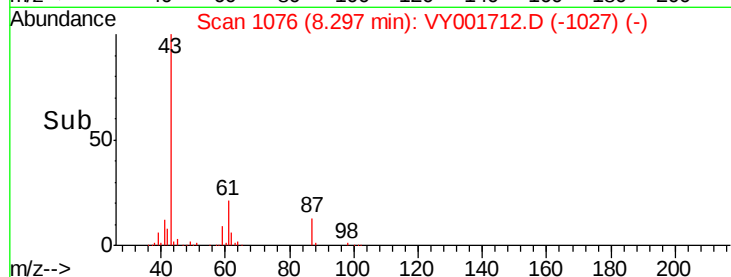
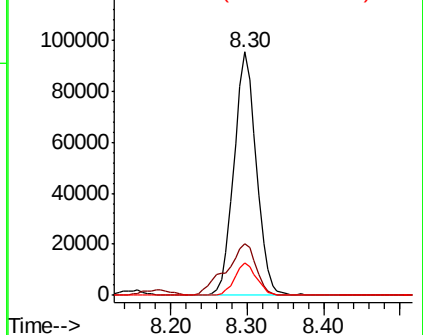
Isopropyl Acetate
 Concen: 47.339 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	192636
Ion Ratio	Lower	Upper	
43	100		
61	28.6	23.0	34.4
87	13.0	10.7	16.1



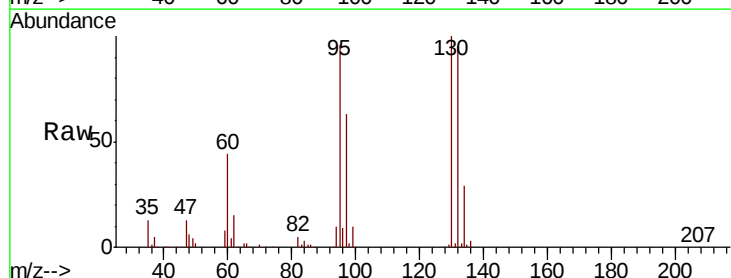
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



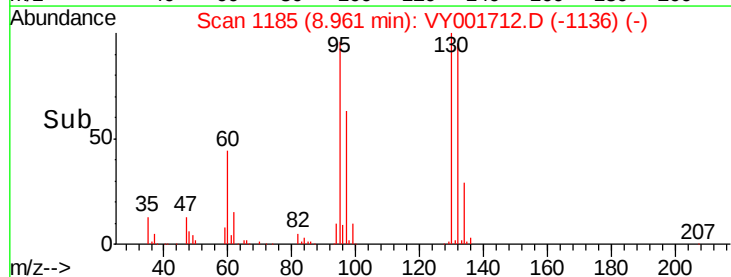
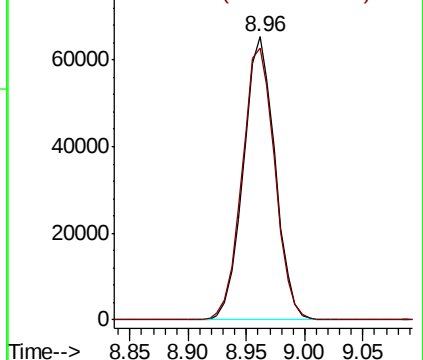
#44

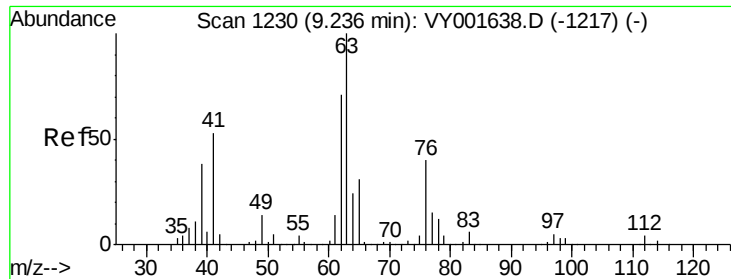
Trichloroethene
 Concen: 46.893 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion	130	Resp	123713
Ion Ratio	Lower	Upper	
130	100		
95	96.0	0.0	200.6



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

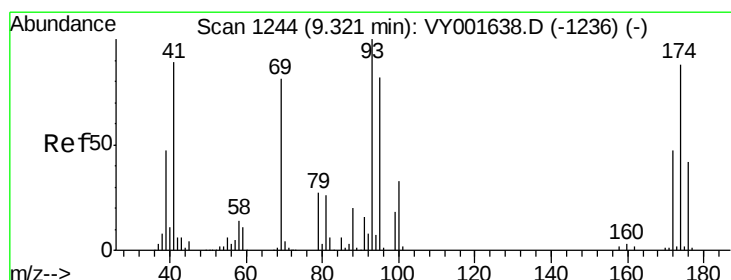
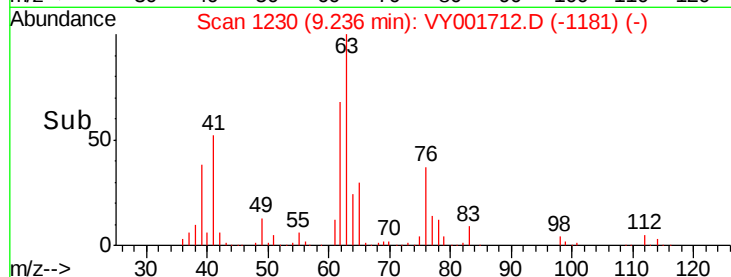
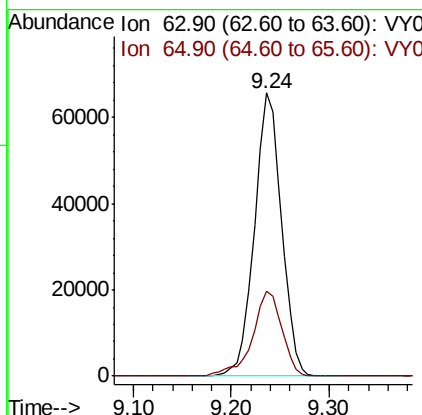
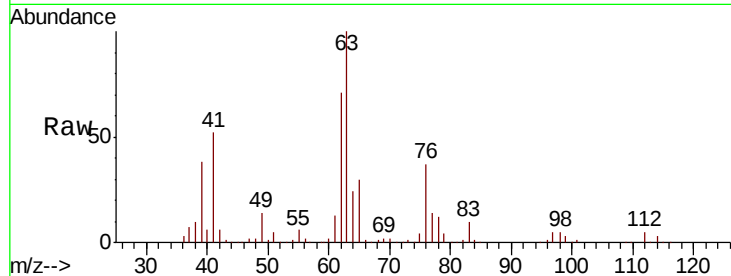




#45
 1,2-Dichloropropane
 Concen: 47.585 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

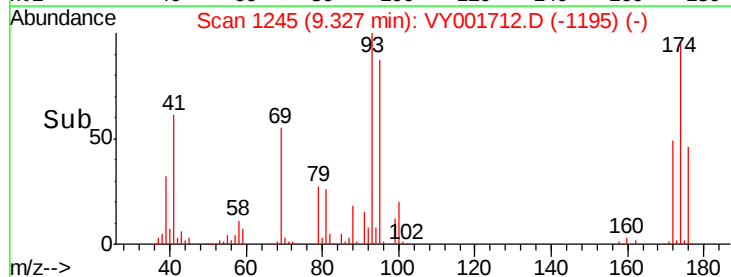
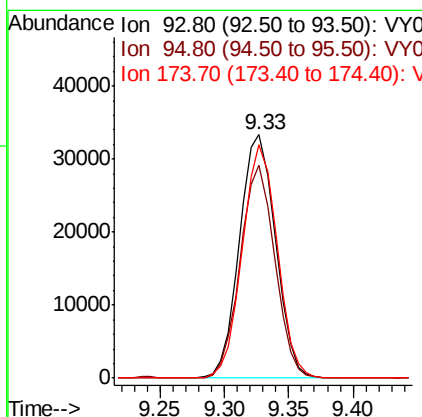
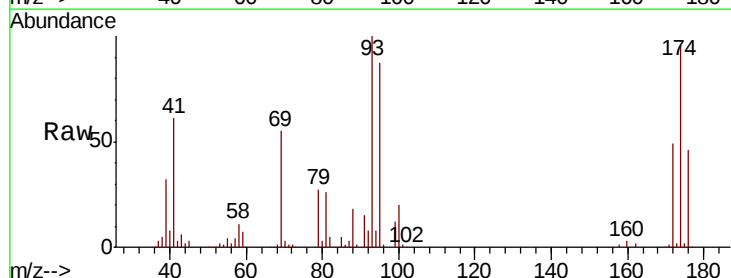
Instrument :
 MSVOA_Y
 ClientSampleId :

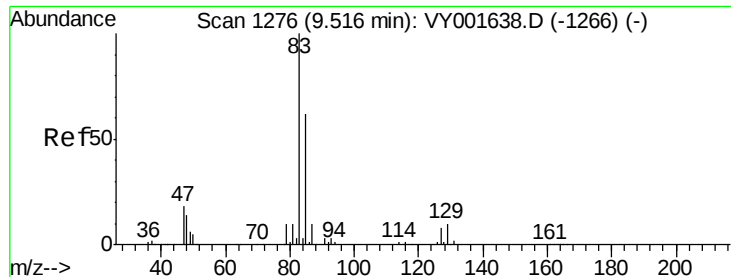
Tot Ion: 63 Resp: 125945
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#46
 Dibromomethane
 Concen: 46.688 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 93 Resp: 64632
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.1 99.1
 174 92.3 72.5 108.7

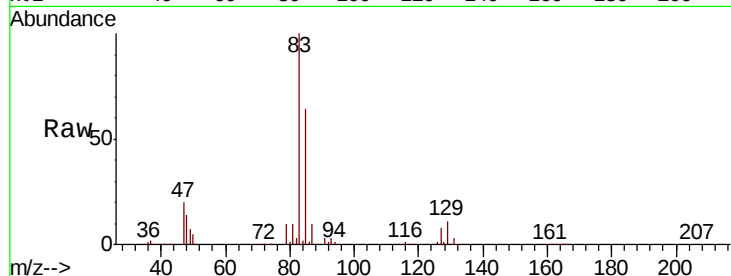




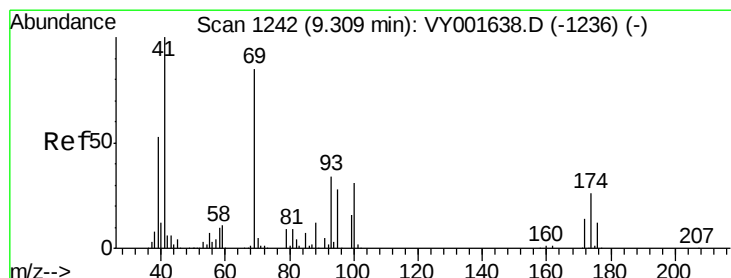
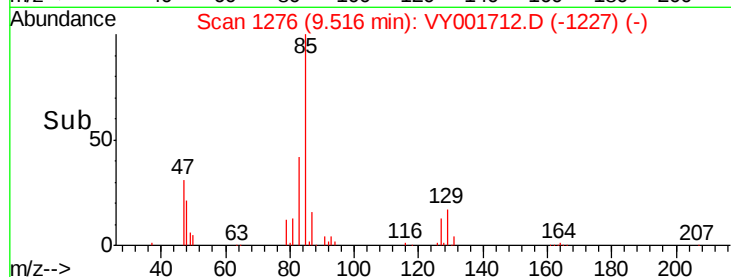
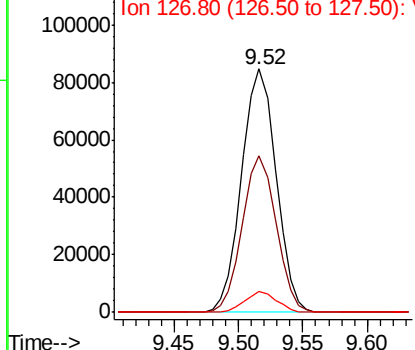
#47
Bromodichloromethane
Concen: 47.168 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 157592
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 8.3 6.4 9.6

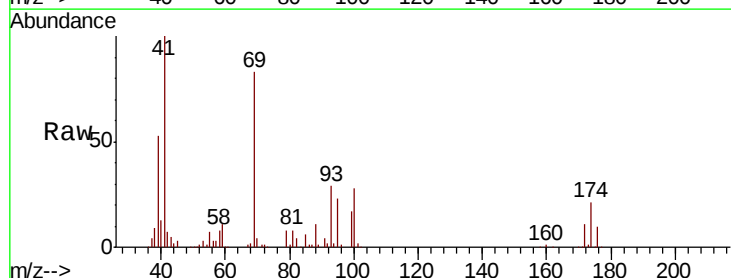


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

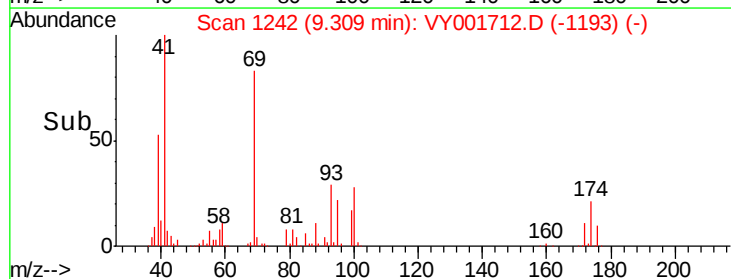
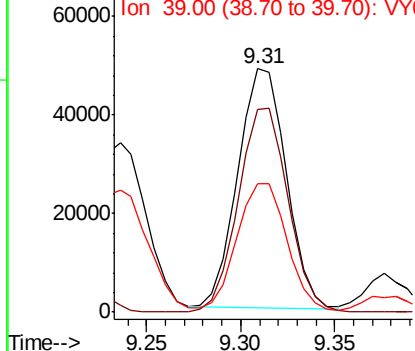


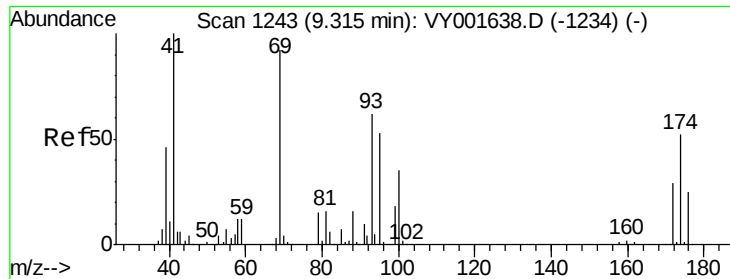
#48
Methyl methacrylate
Concen: 47.145 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 41 Resp: 86765
Ion Ratio Lower Upper
41 100
69 87.8 70.7 106.1
39 53.8 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

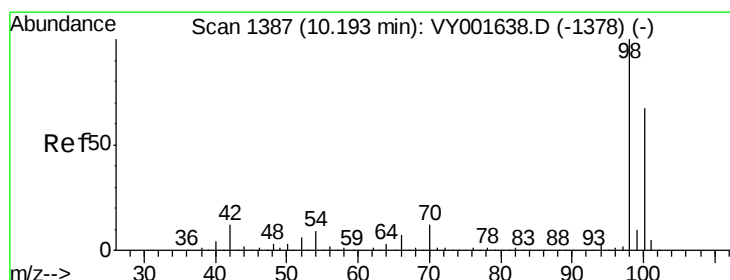
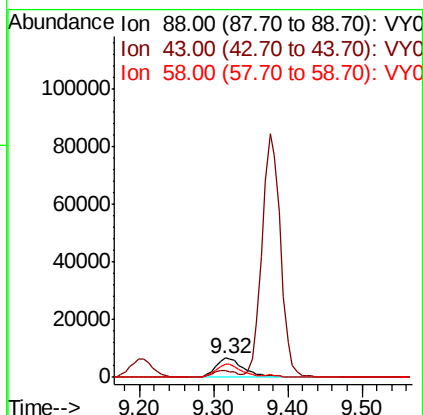
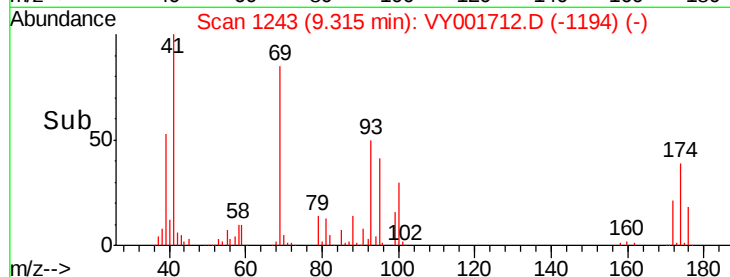
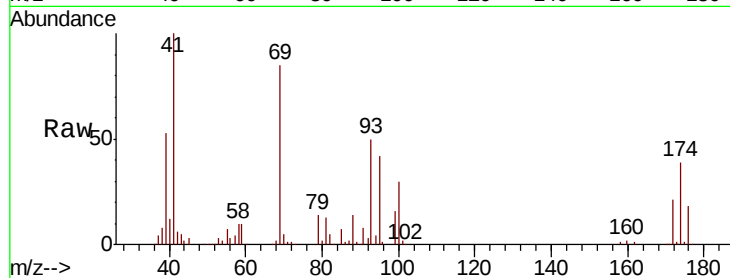




#49
1,4-Dioxane
Concen: 906.541 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

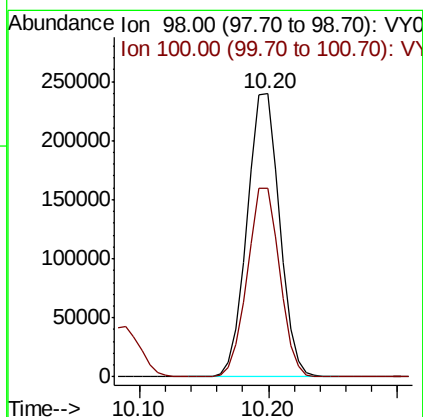
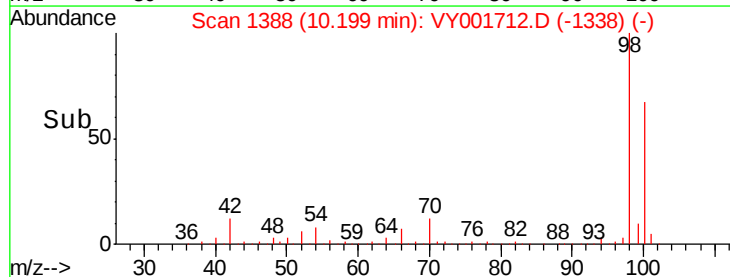
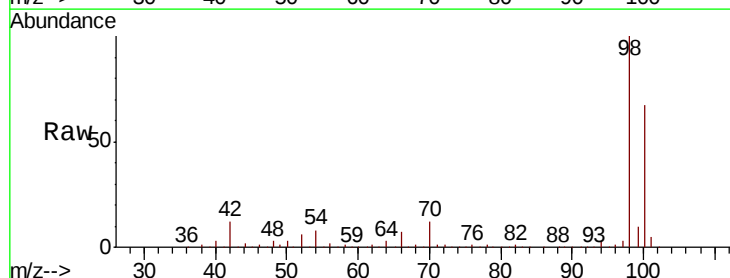
Instrument :
MSVOA_Y
ClientSampled :

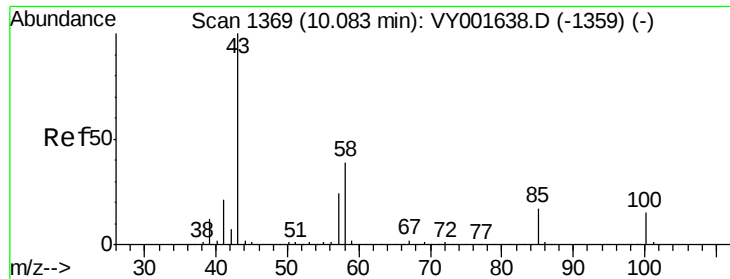
Tot Ion: 88 Resp: 17725
Ion Ratio Lower Upper
88 100
43 29.8 23.1 34.7
58 70.8 58.1 87.1



#50
Toluene-d8
Concen: 49.263 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 98 Resp: 415848
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

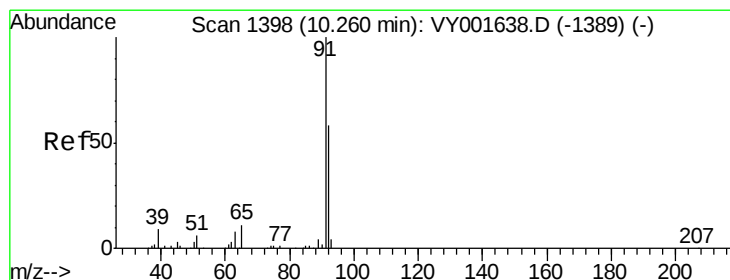
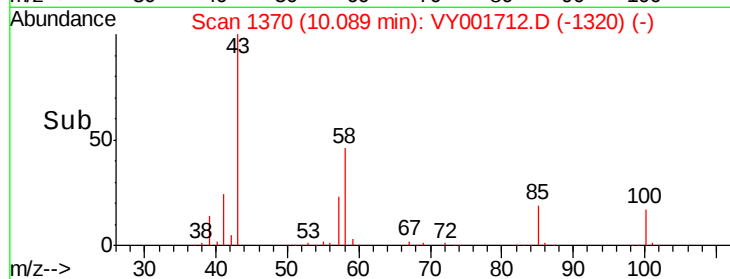
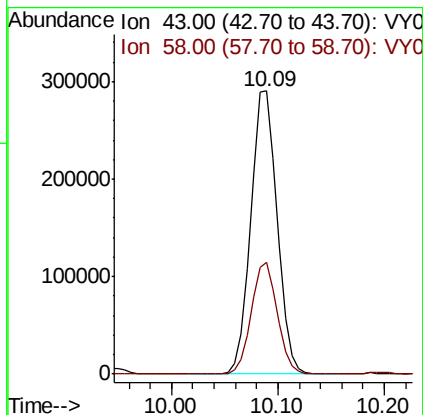
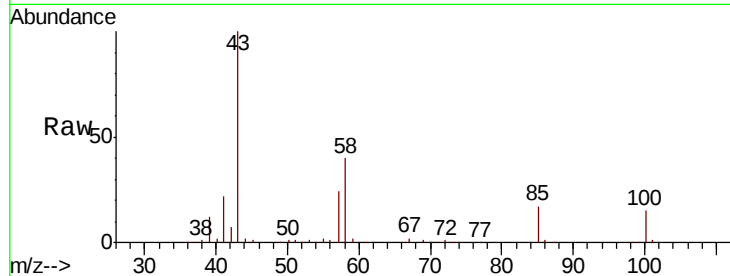




#51
4-Methyl-2-Pentanone
Concen: 242.672 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

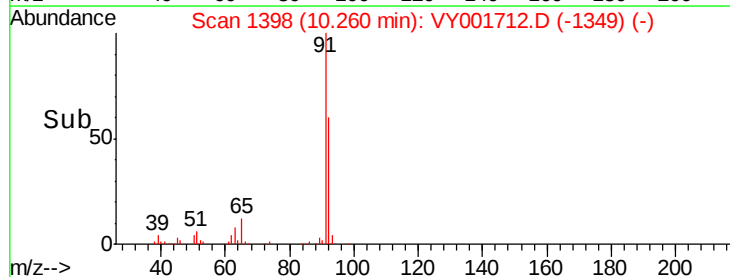
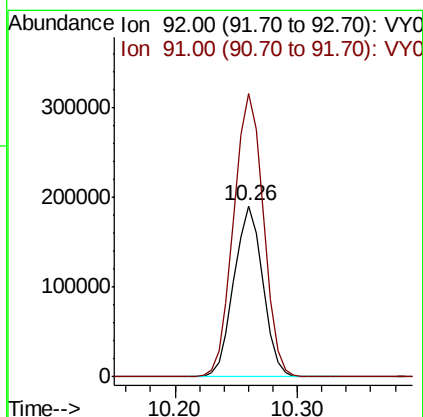
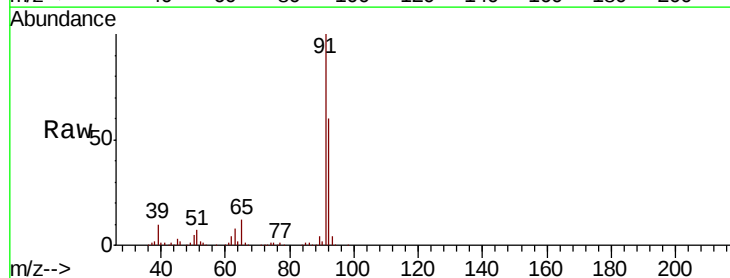
Instrument :
MSVOA_Y
ClientSampleId :

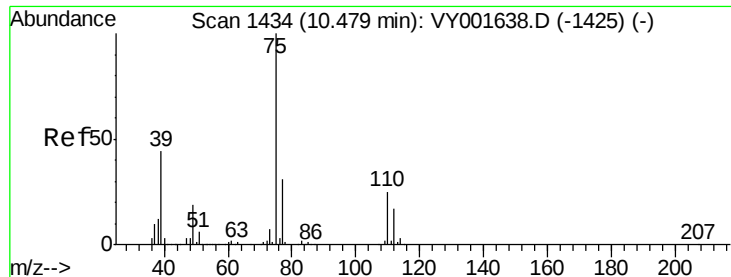
Tot Ion: 43 Resp: 507370
Ion Ratio Lower Upper
43 100
58 38.9 32.2 48.4



#52
Toluene
Concen: 47.083 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 92 Resp: 310378
Ion Ratio Lower Upper
92 100
91 171.4 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 47.683 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

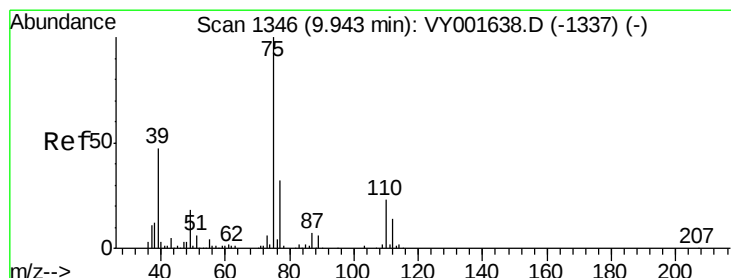
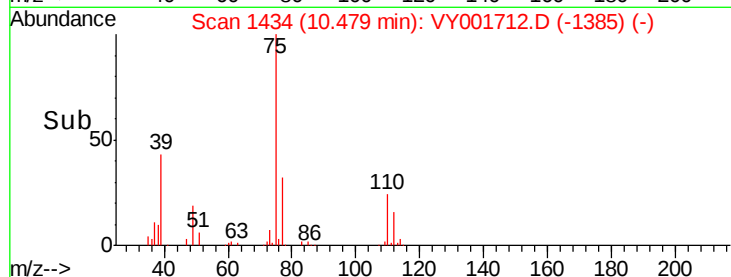
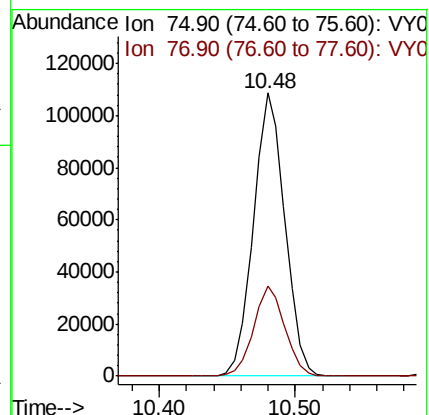
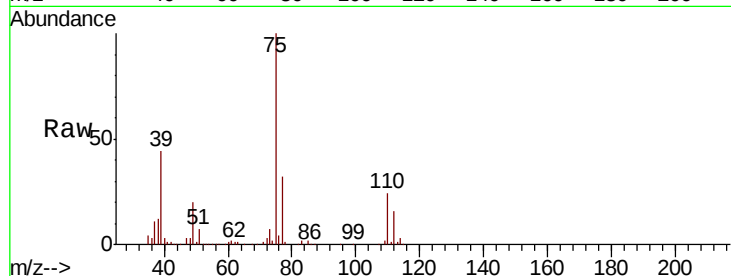
ClientSampleId :

Tot Ion: 75 Resp: 176121

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 47.326 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

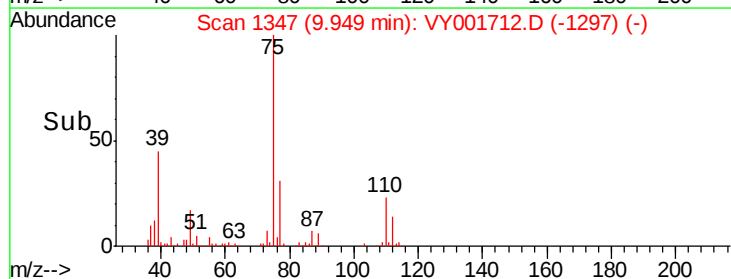
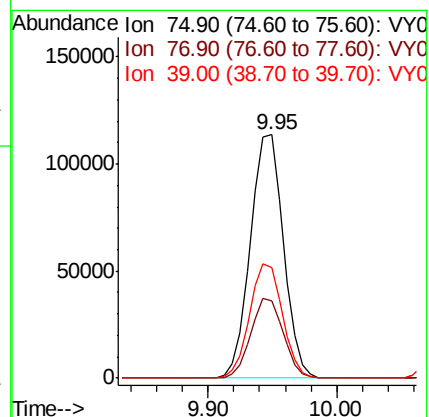
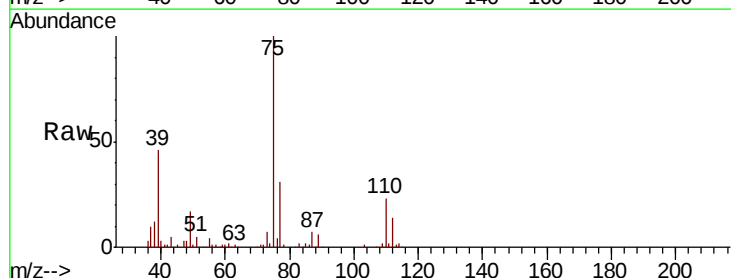
Tgt Ion: 75 Resp: 201185

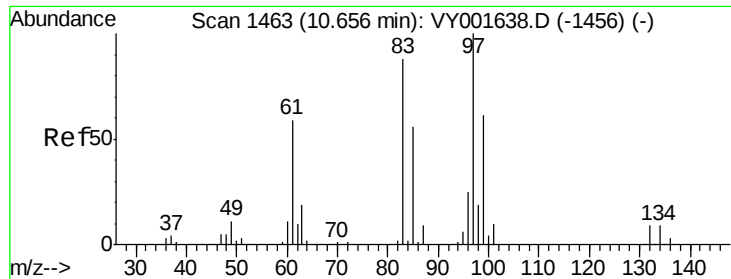
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 45.6 35.7 53.5

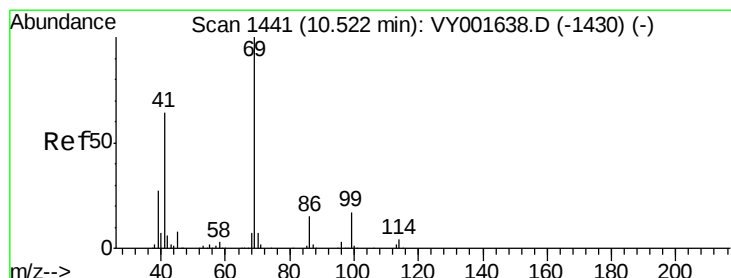
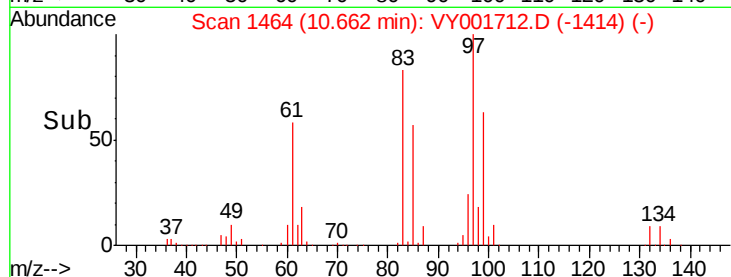
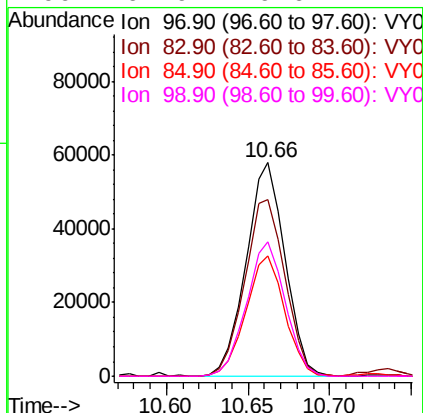
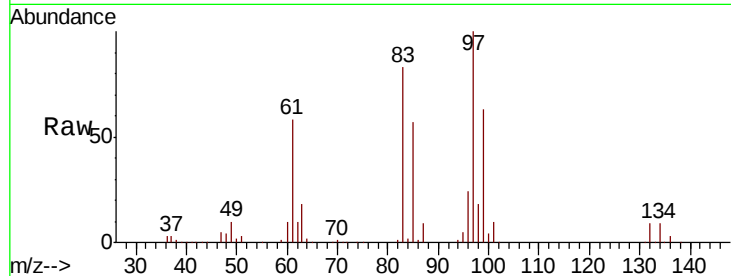




#55
 1,1,2-Trichloroethane
 Concen: 47.125 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

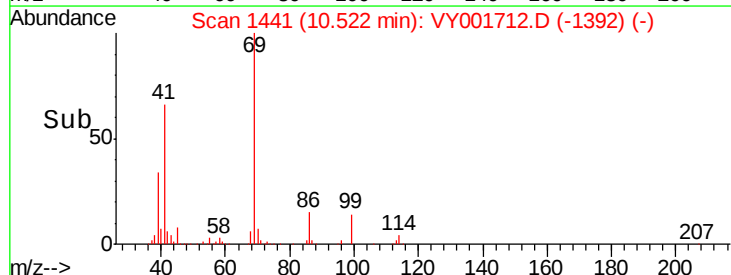
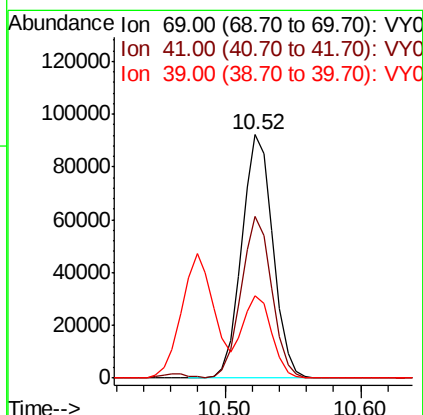
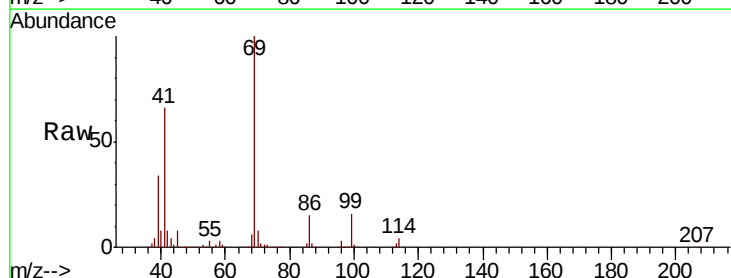
Instrument :
 MSVOA_Y
 ClientSampled :

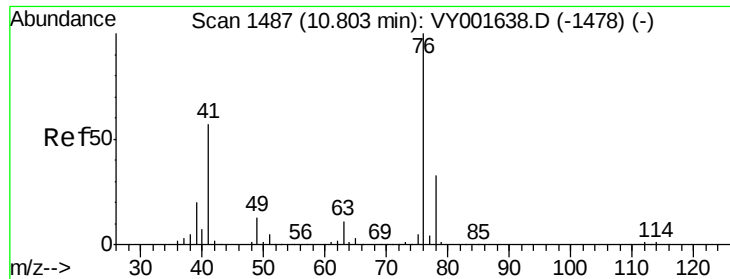
Tot Ion: 97 Resp: 96195
 Ion Ratio Lower Upper
 97 100
 83 82.9 69.7 104.5
 85 56.6 44.5 66.7
 99 62.9 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 48.030 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 69 Resp: 147081
 Ion Ratio Lower Upper
 69 100
 41 65.1 51.0 76.4
 39 31.9 24.7 37.1

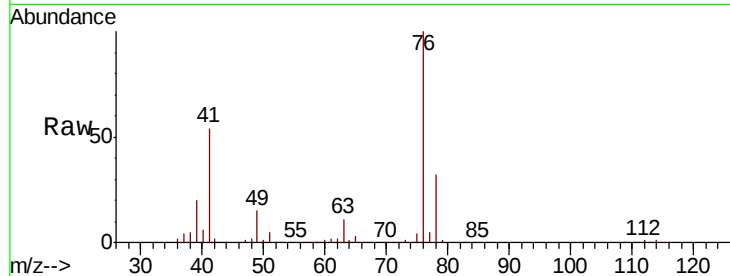




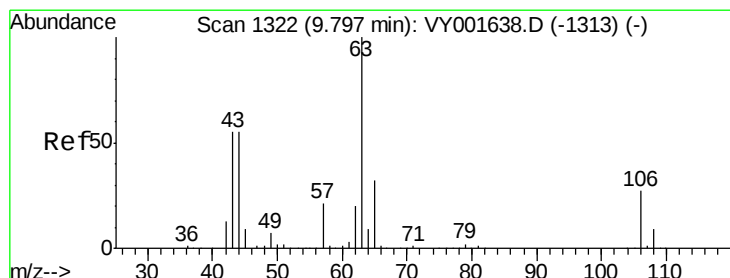
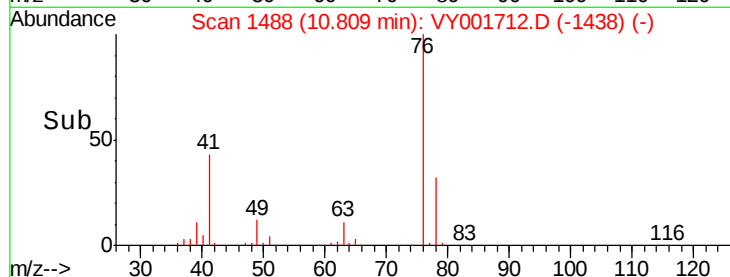
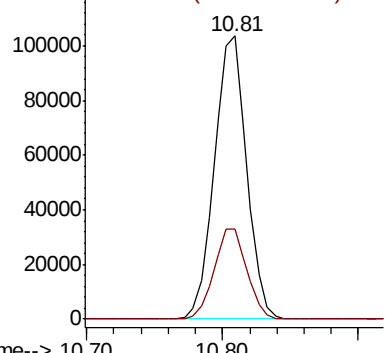
#57
 1,3-Dichloropropane
 Concen: 47.300 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 76 Resp: 171553
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

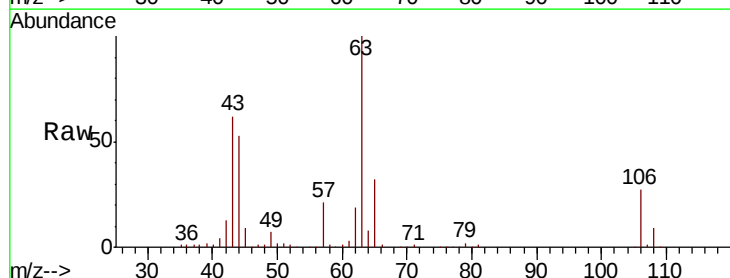


Abundance Ion 75.90 (75.60 to 76.60): VY0
 Ion 77.90 (77.60 to 78.60): VY0

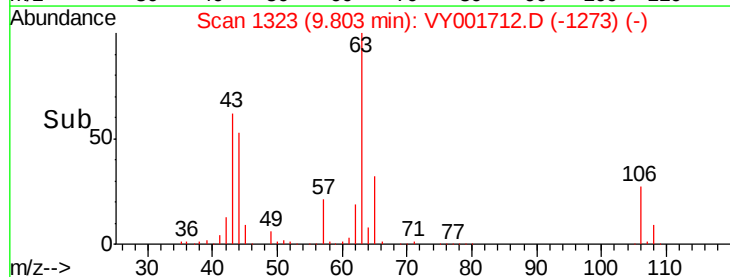
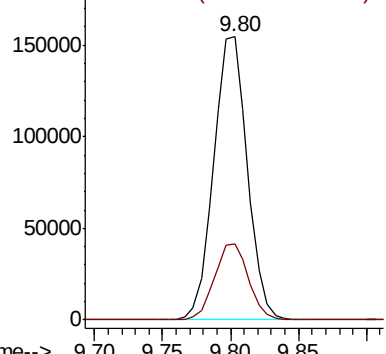


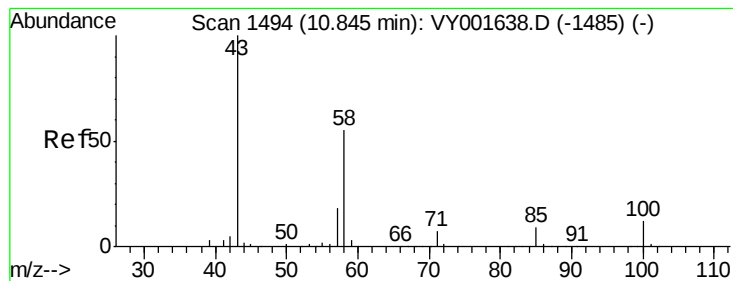
#58
 2-Chloroethyl Vinyl ether
 Concen: 230.946 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 63 Resp: 267645
 Ion Ratio Lower Upper
 63 100
 106 27.0 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: 252.200 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

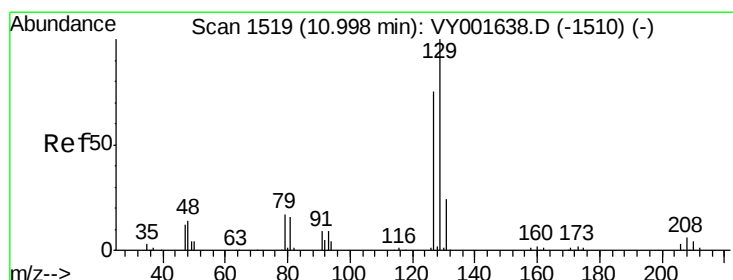
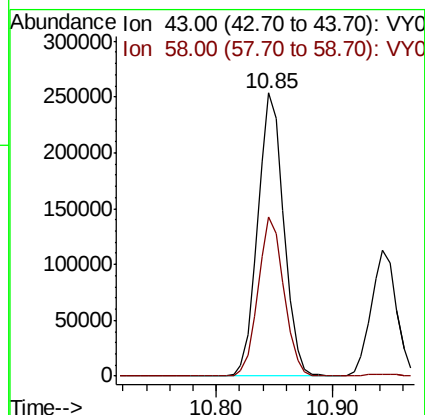
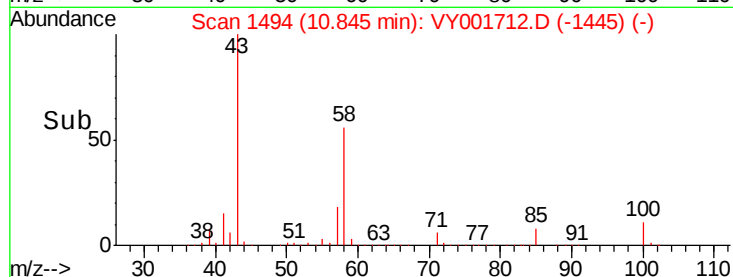
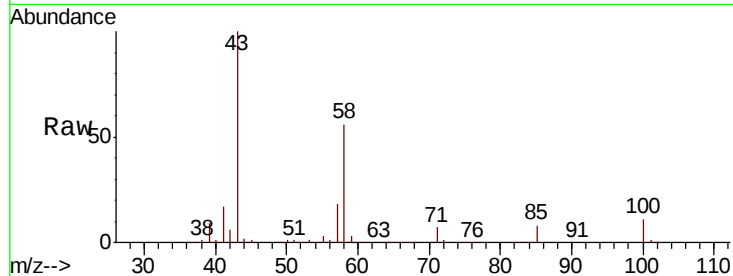
ClientSampled :

Tot Ion: 43 Resp: 395634

Ion Ratio Lower Upper

43 100

58 55.3 28.4 85.2



#60

Dibromochloromethane

Concen: 47.567 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. 0.00 min

Lab File: VY001712.D

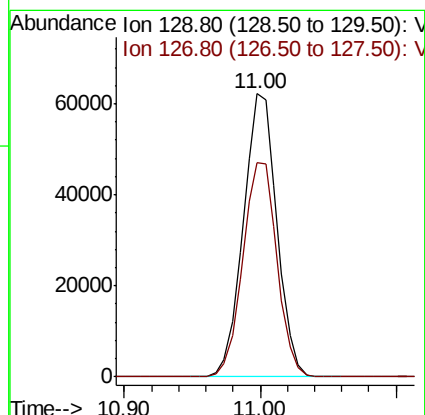
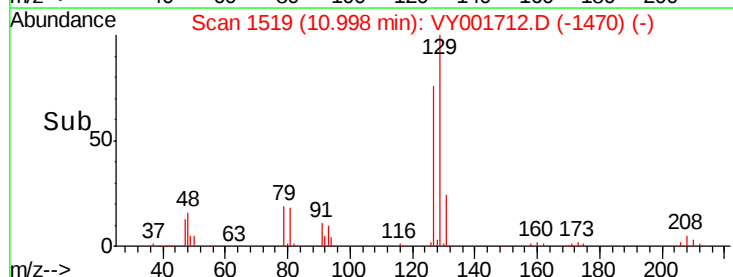
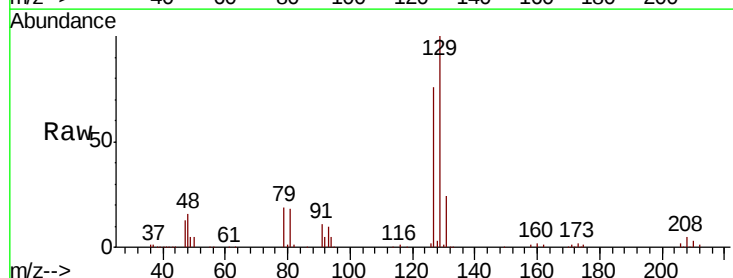
Acq: 20 Feb 2020 10:19

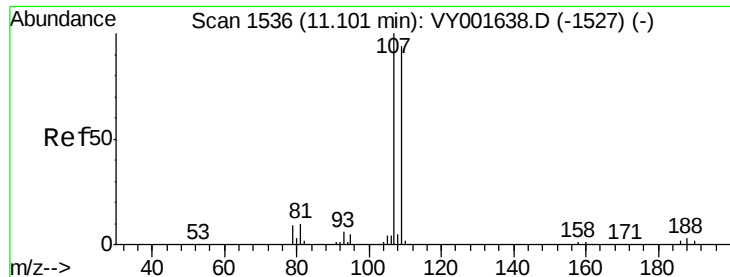
Tgt Ion: 129 Resp: 107049

Ion Ratio Lower Upper

129 100

127 77.0 38.9 116.6

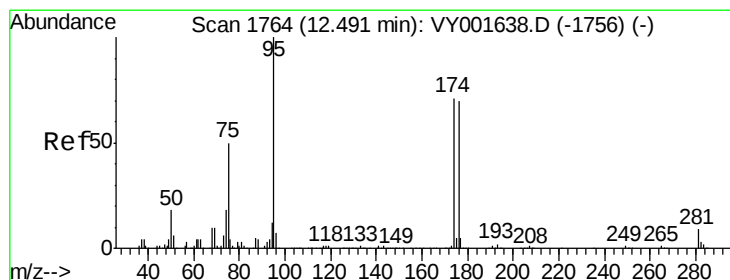
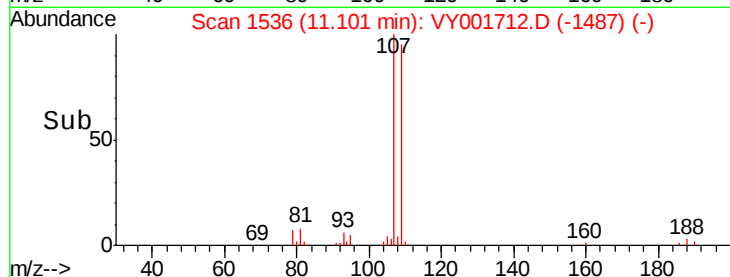
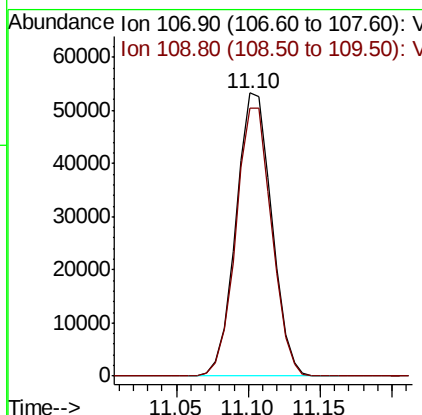
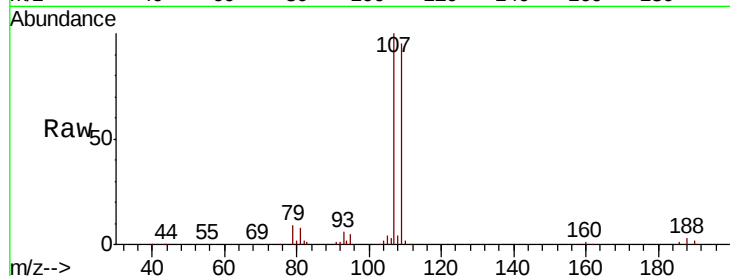




#61
 1,2-Dibromoethane
 Concen: 47.568 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

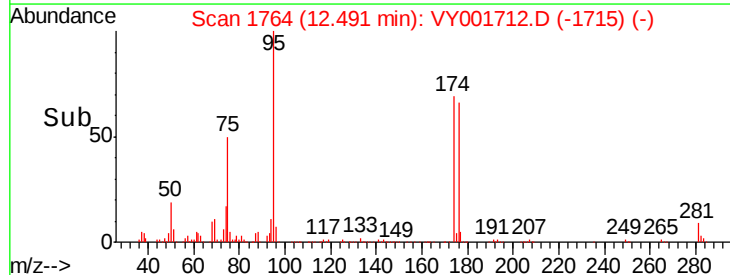
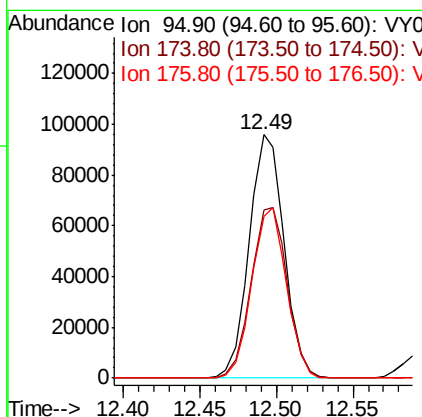
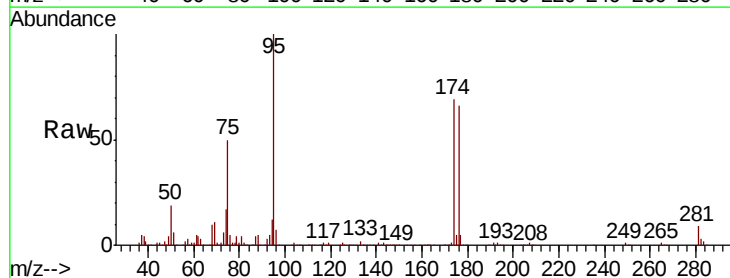
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 91810
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.207 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 95 Resp: 151531
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 138.4
 176 69.8 0.0 131.8

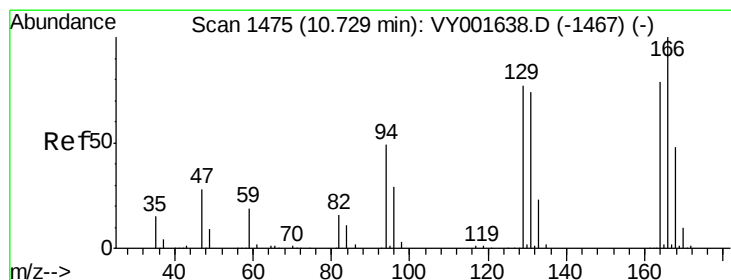
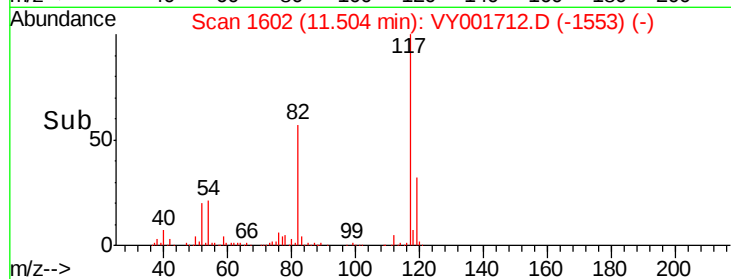
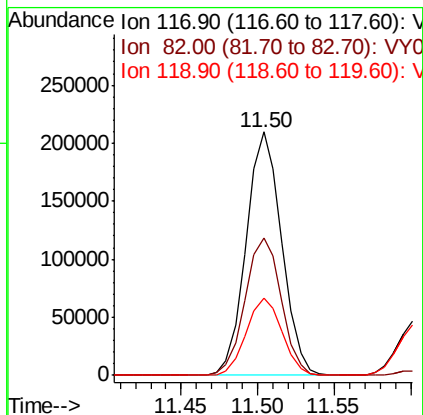
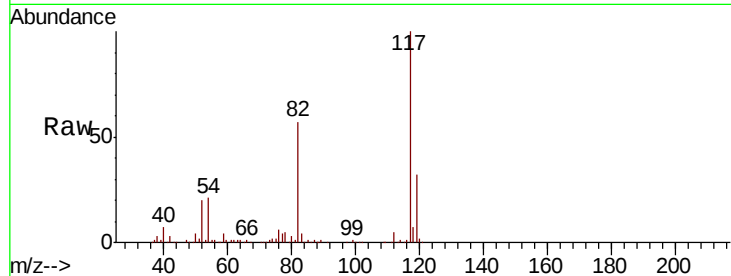




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

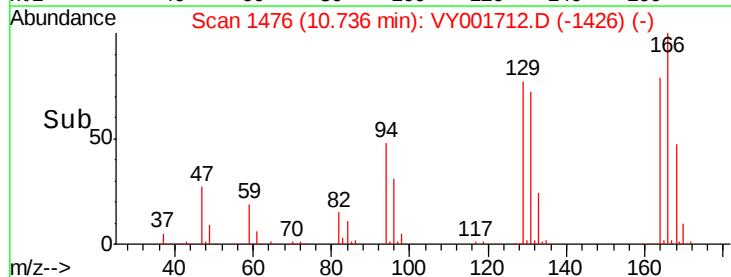
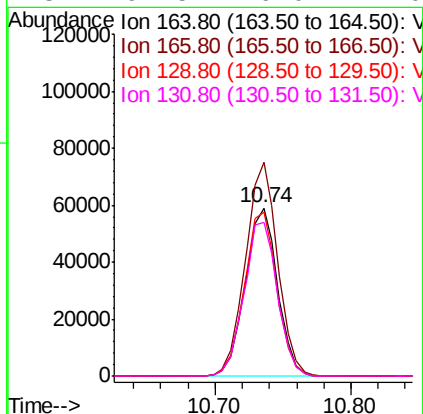
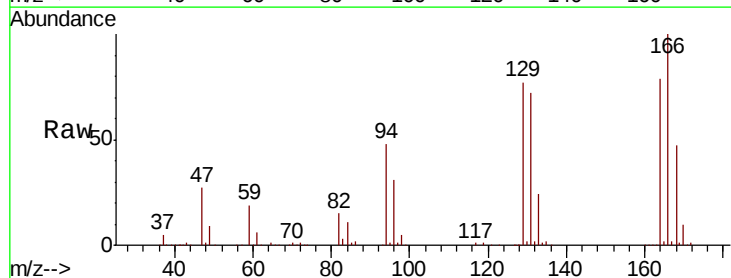
Instrument :
MSVOA_Y
ClientSampleId :

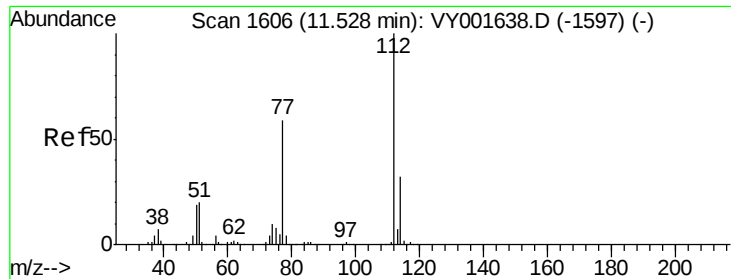
Tot Ion:117 Resp: 337467
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 46.191 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion:164 Resp: 97855
Ion Ratio Lower Upper
164 100
166 127.2 101.4 152.0
129 97.5 78.7 118.1
131 91.5 76.0 114.0

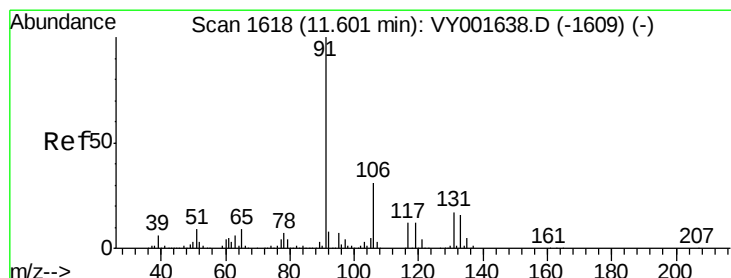
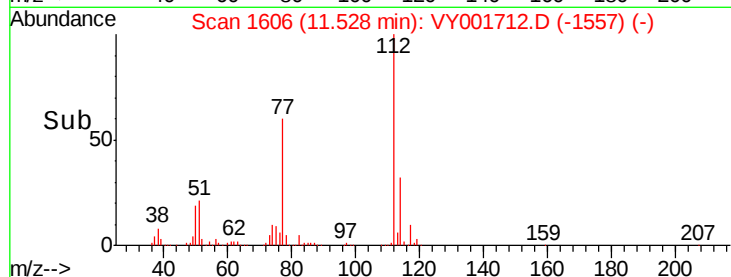
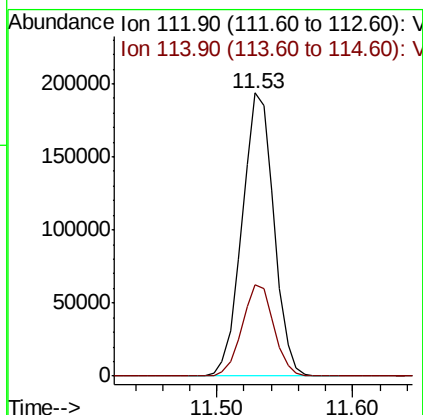
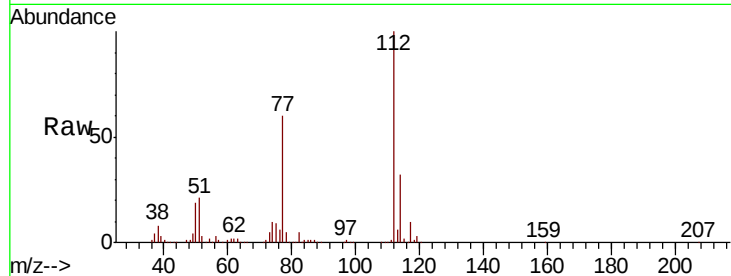




#65
Chlorobenzene
Concen: 46.787 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

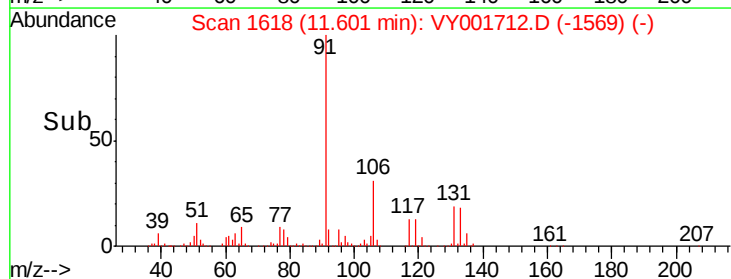
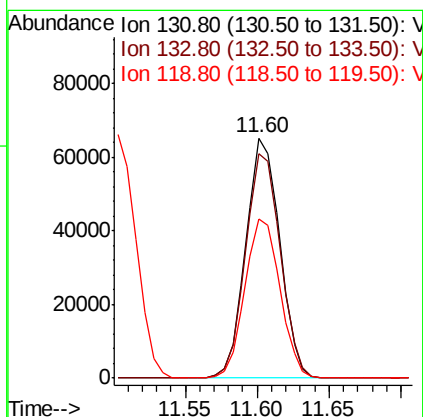
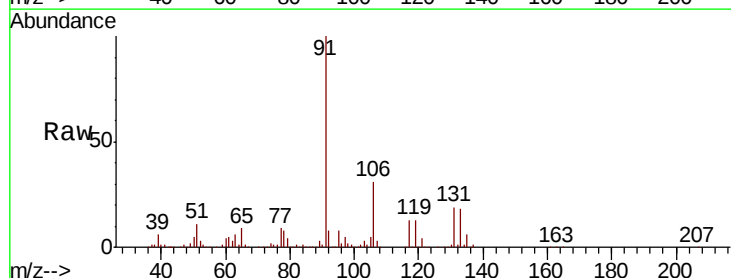
Instrument :
MSVOA_Y
ClientSampleId :

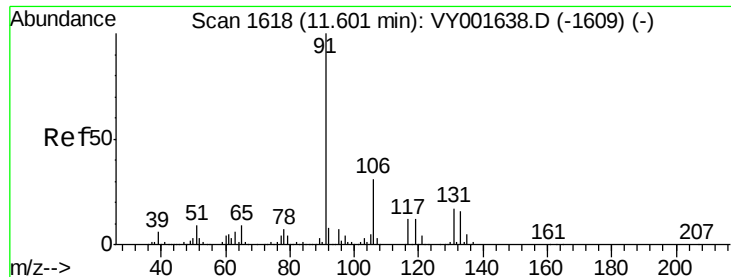
Tot Ion:112 Resp: 315228
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.777 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion:131 Resp: 106312
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 68.7 34.4 103.1

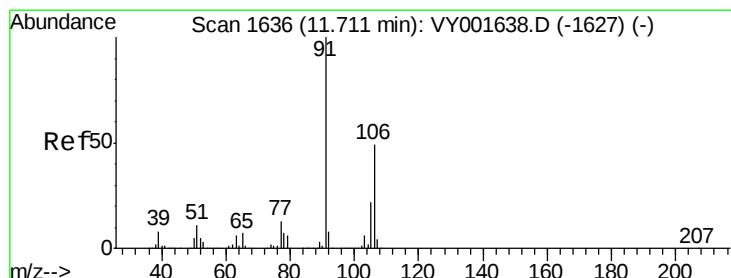
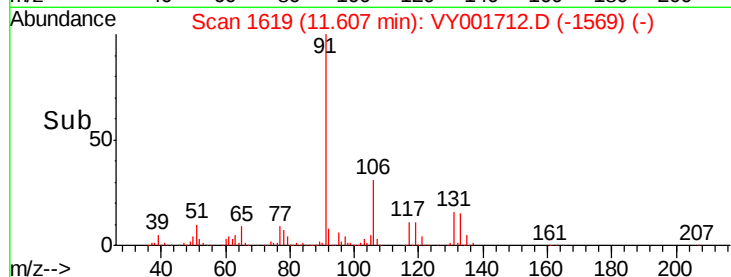
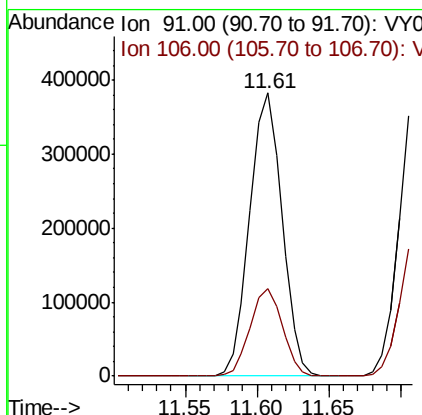
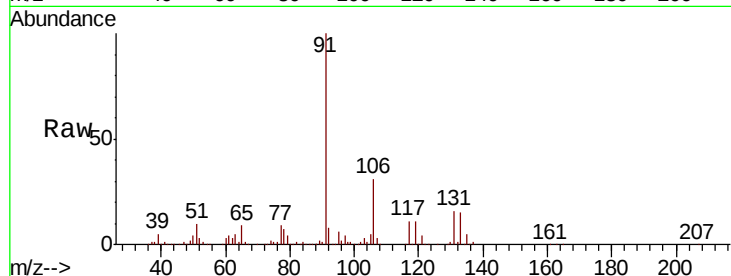




#67
Ethyl Benzene
Concen: 47.702 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

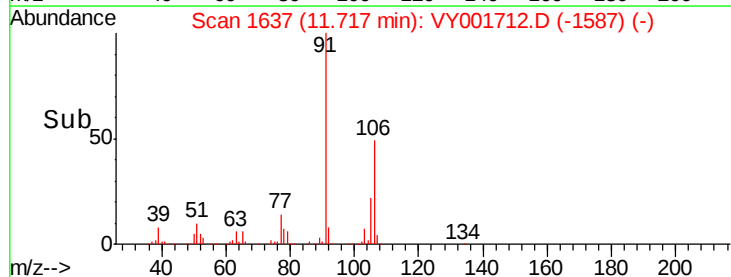
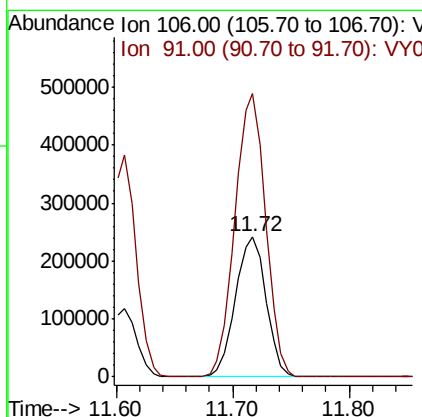
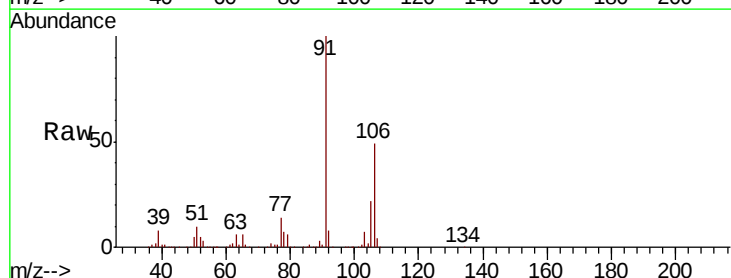
Instrument :
MSVOA_Y
ClientSampled :

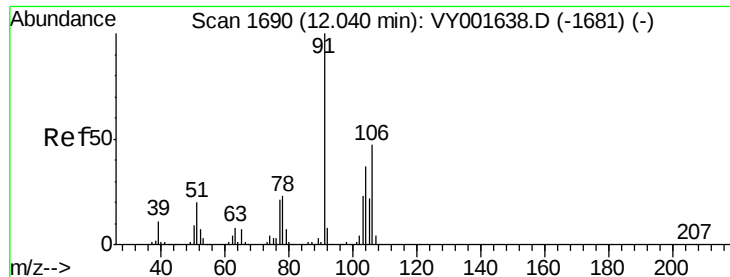
Tot Ion: 91 Resp: 596429
Ion Ratio Lower Upper
91 100
106 30.7 24.5 36.7



#68
m/p-Xylenes
Concen: 94.984 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 106 Resp: 443622
Ion Ratio Lower Upper
106 100
91 202.9 163.3 244.9

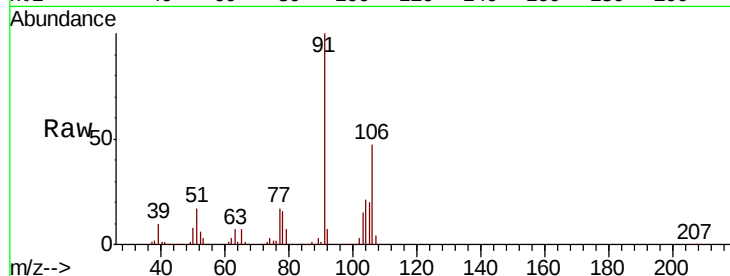




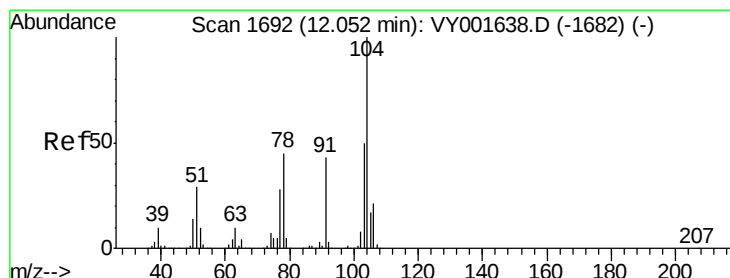
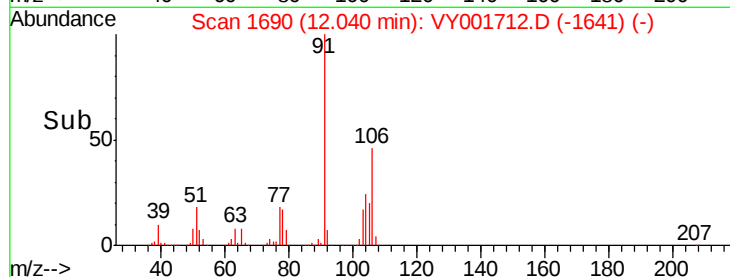
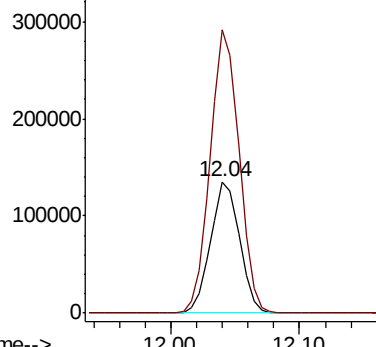
#69
o-Xylene
Concen: 47.229 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 209709
Ion Ratio Lower Upper
106 100
91 215.8 108.3 324.9

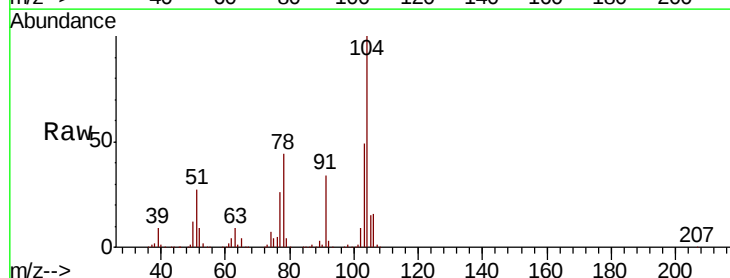


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

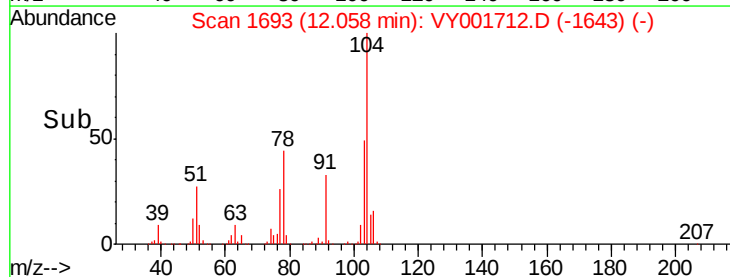
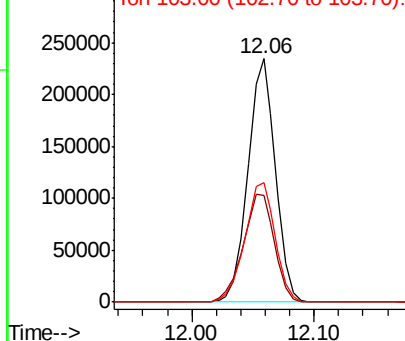


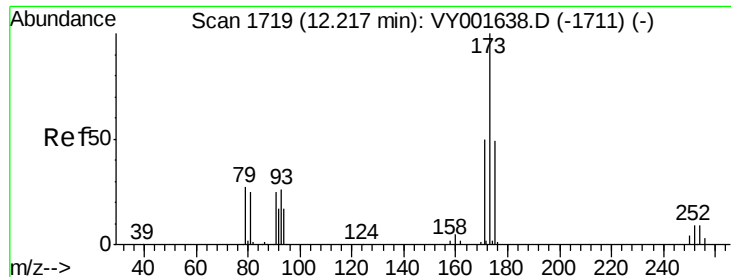
#70
Styrene
Concen: 47.316 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion:104 Resp: 365128
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 54.2 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.408 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

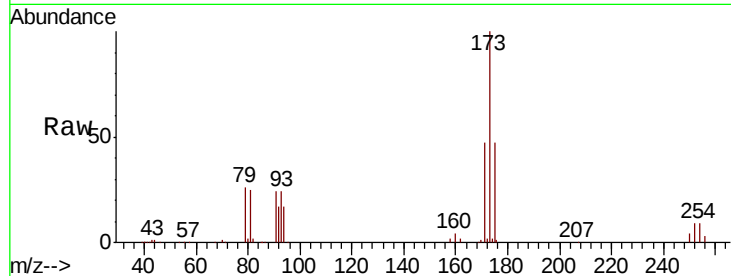
Tot Ion:173 Resp: 61575

Ion Ratio Lower Upper

173 100

175 47.2 24.3 73.0

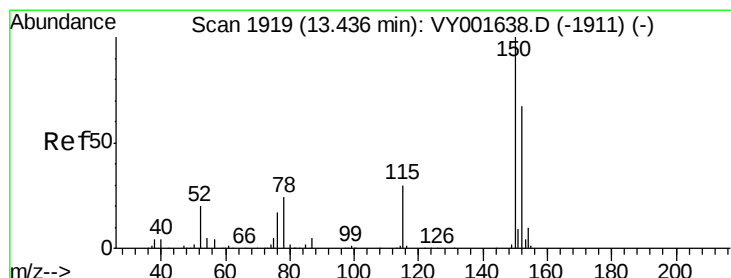
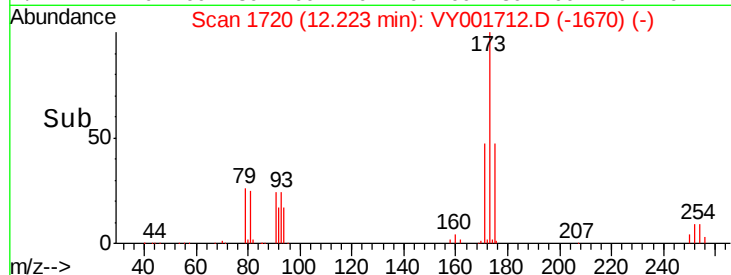
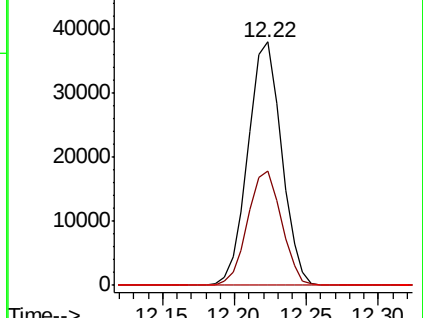
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

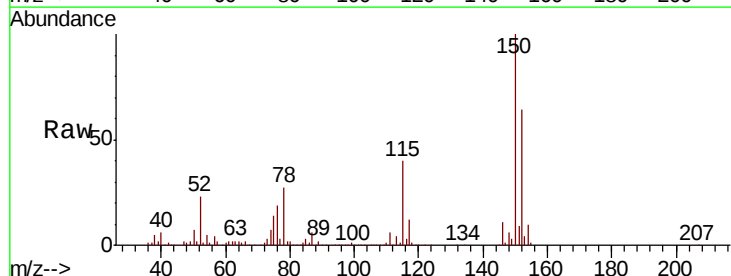
Tgt Ion:152 Resp: 159715

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.2

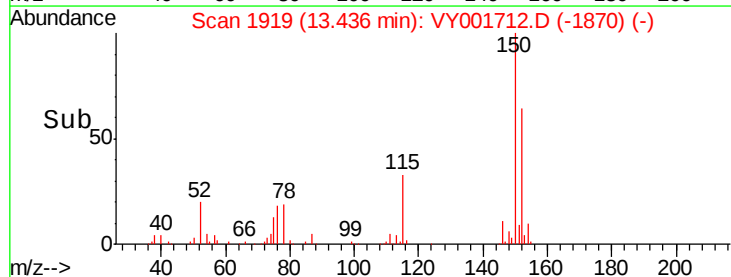
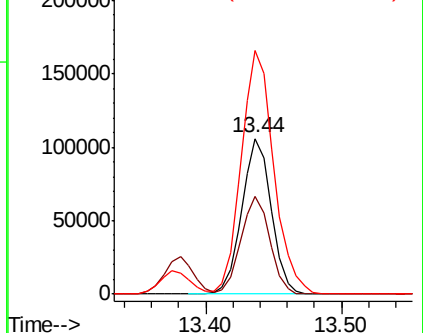
150 173.2 0.0 407.2

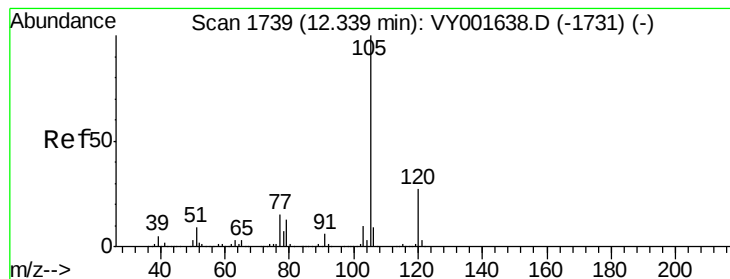


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.190 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

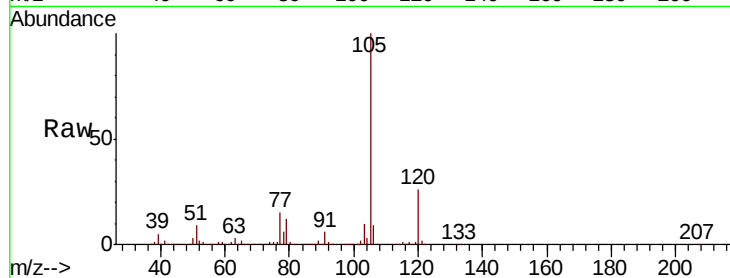
ClientSampleId :

Tot Ion:105 Resp: 574182

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.35

400000

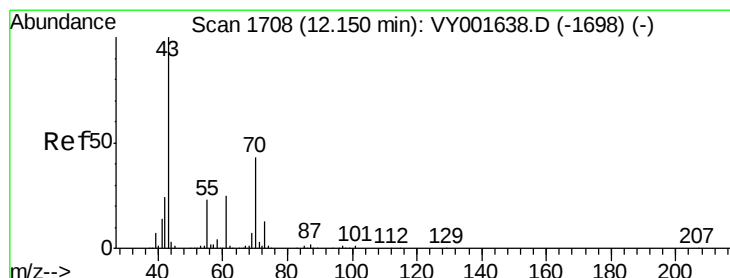
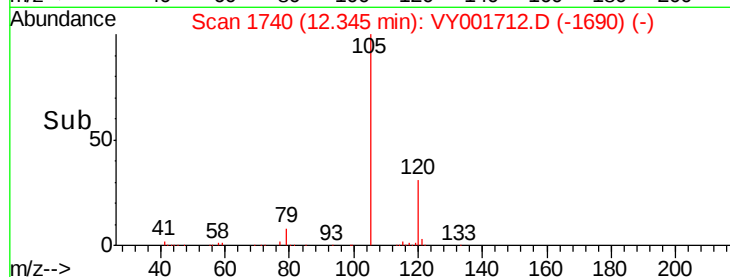
300000

200000

100000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 47.080 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Tgt Ion: 43 Resp: 182819

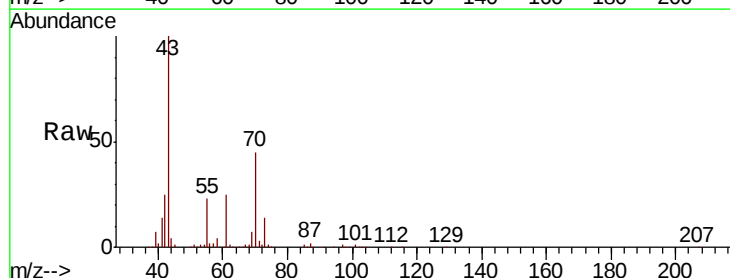
Ion Ratio Lower Upper

43 100

70 43.3 35.9 53.9

55 23.0 18.3 27.5

61 25.3 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

200000

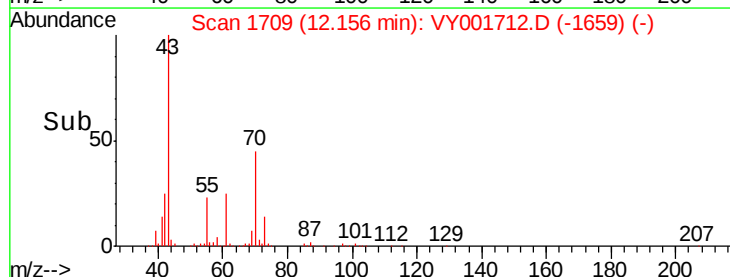
150000

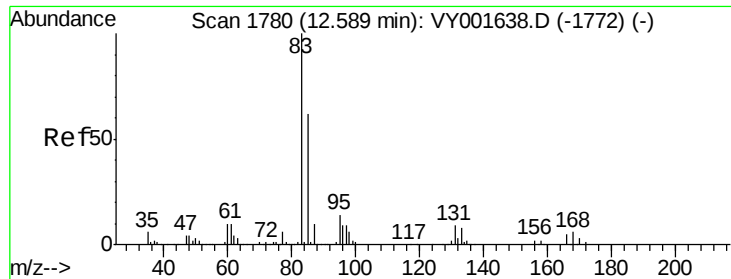
100000

50000

0

Time--> 12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 46.563 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

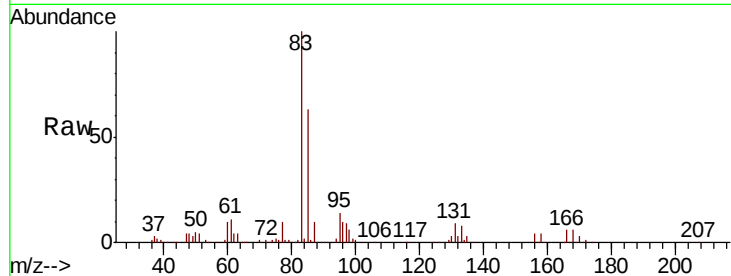
Tot Ion: 83 Resp: 120971

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

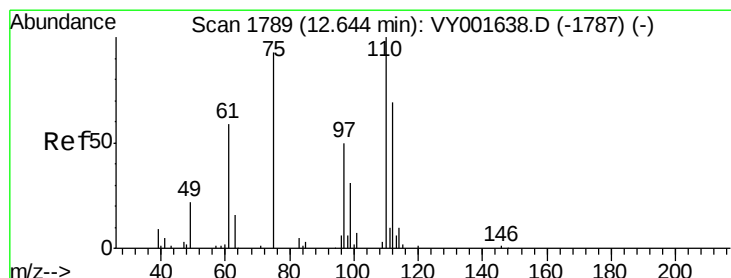
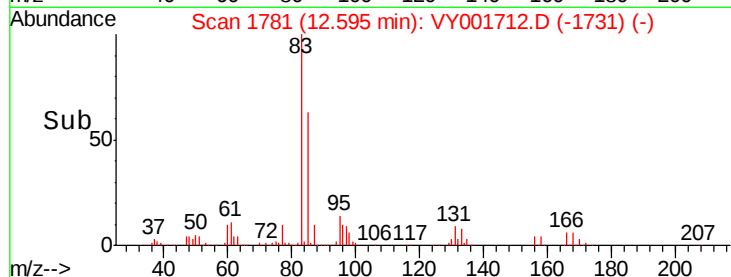
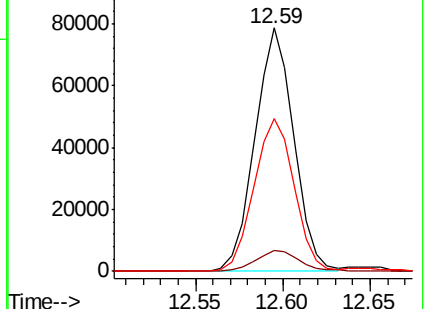
85 65.0 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001638.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY001638.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY001638.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 87.227 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001712.D

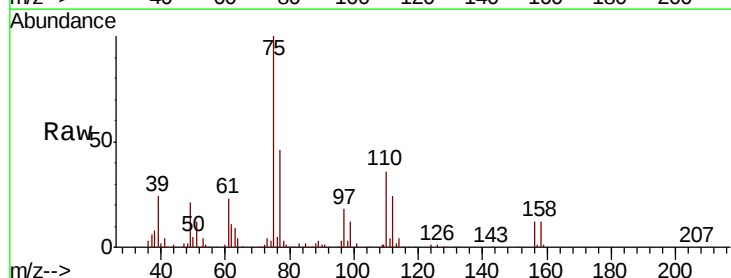
Acq: 20 Feb 2020 10:19

Tgt Ion: 75 Resp: 159812

Ion Ratio Lower Upper

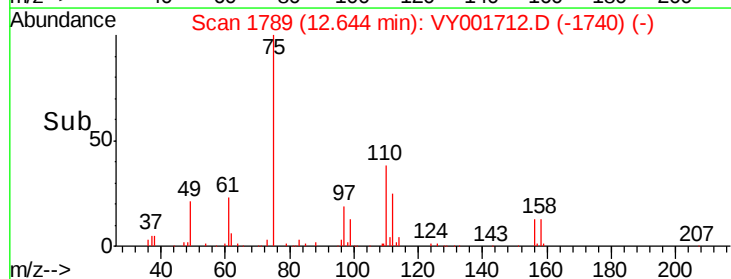
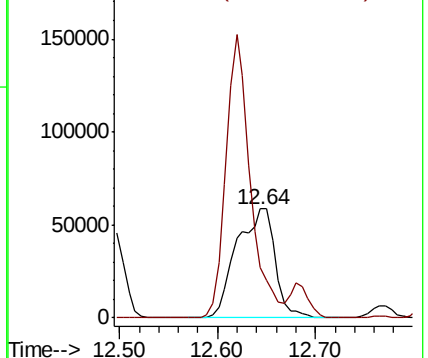
75 100

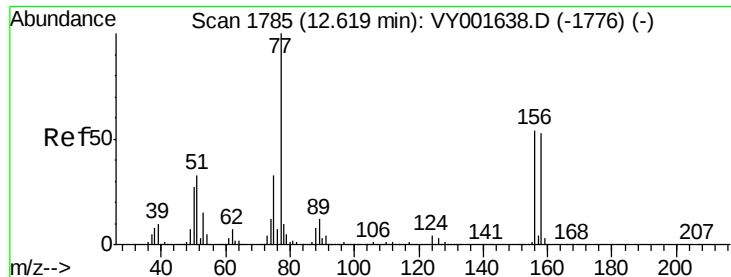
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001638.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001638.D (-1787) (-)





#77

Bromobenzene

Concen: 46.337 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

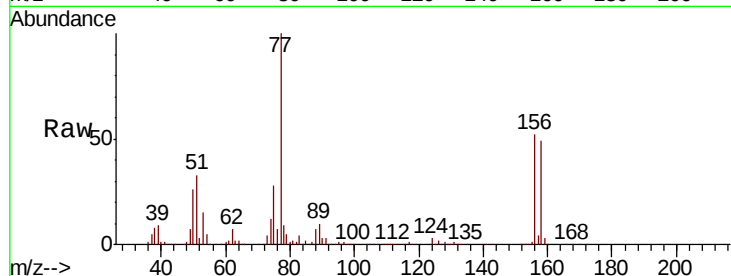
Tot Ion:156 Resp: 122220

Ion Ratio Lower Upper

156 100

77 217.4 110.1 330.1

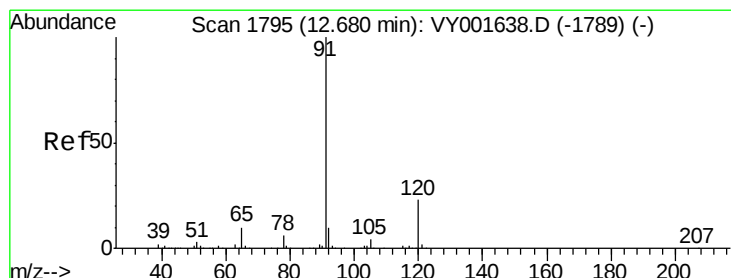
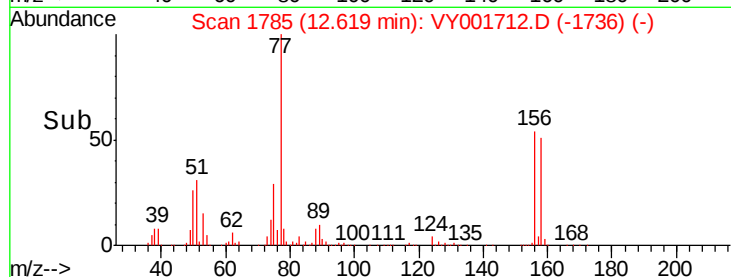
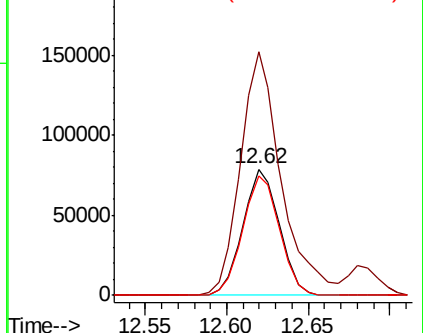
158 96.1 47.9 143.7



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: 47.586 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001712.D

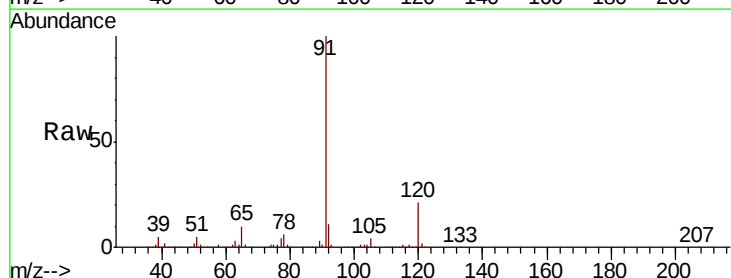
Acq: 20 Feb 2020 10:19

Tgt Ion: 91 Resp: 705168

Ion Ratio Lower Upper

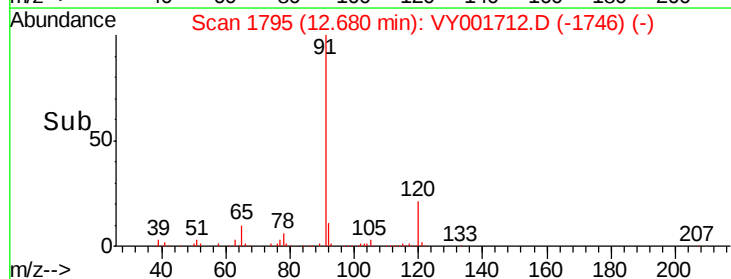
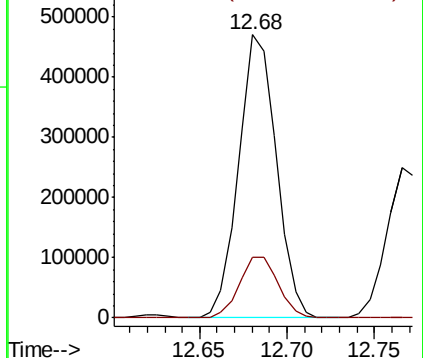
91 100

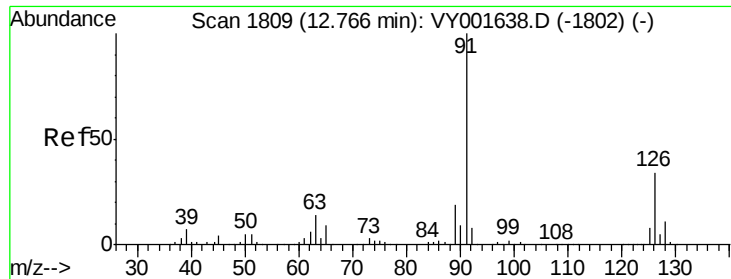
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

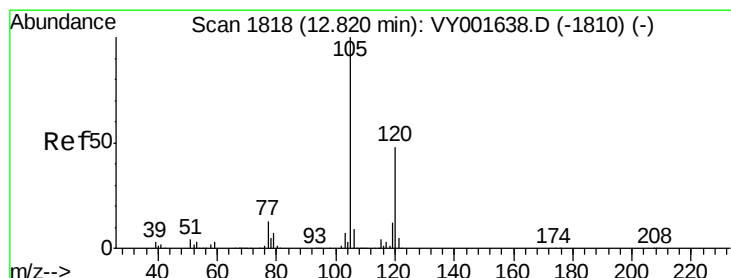
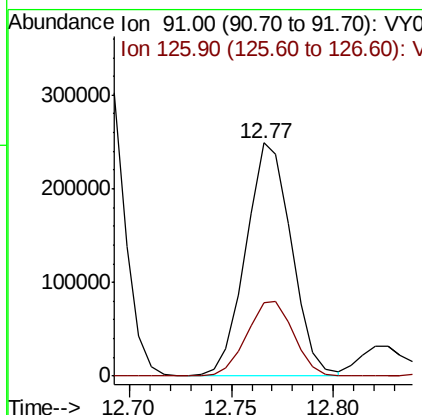
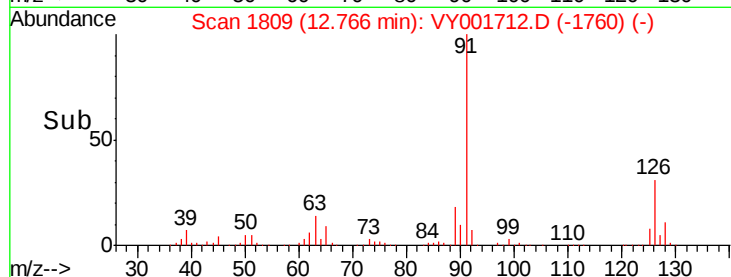
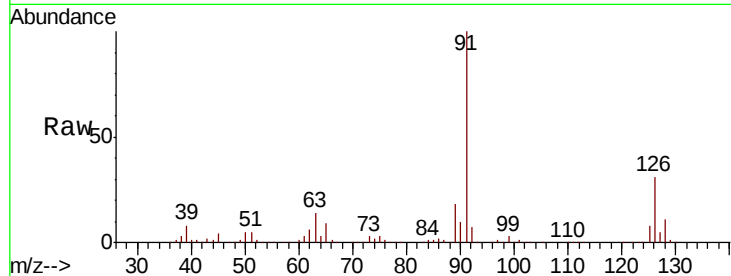




#79
 2-Chlorotoluene
 Concen: 46.710 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

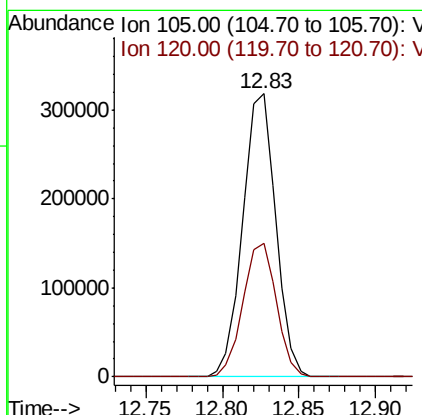
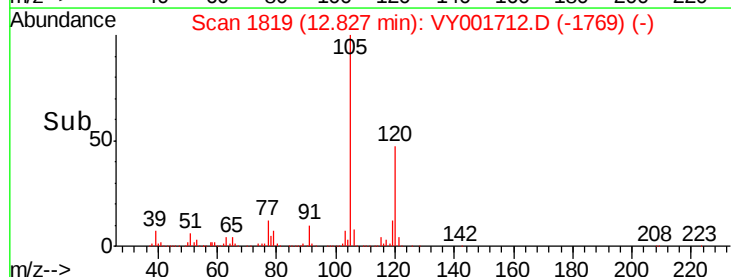
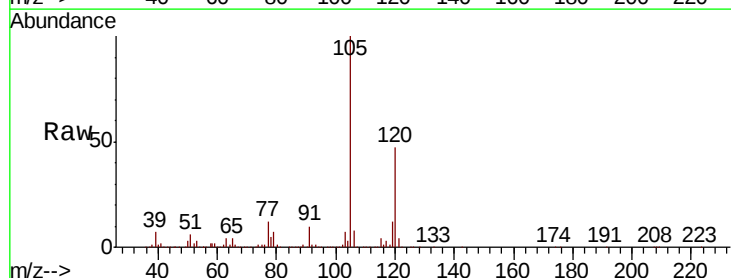
Instrument :
 MSVOA_Y
 ClientSampleId :

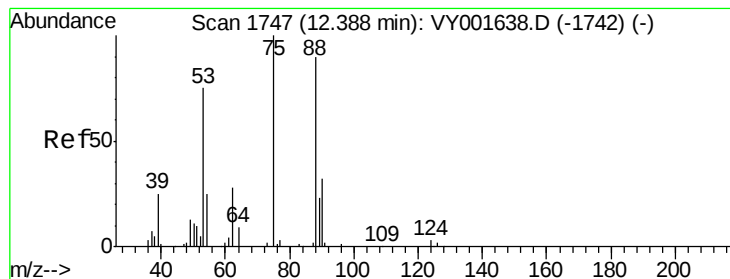
Tot Ion: 91 Resp: 388225
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 47.497 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion: 105 Resp: 478388
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.137 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

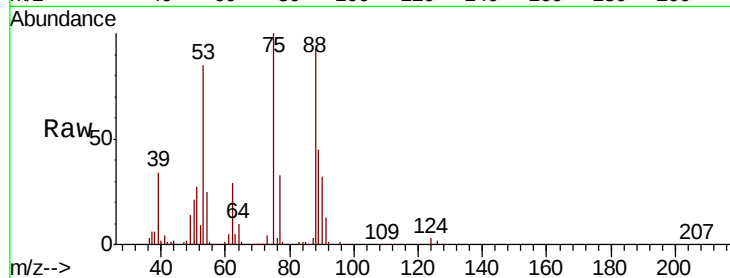
Tot Ion: 75 Resp: 46487

Ion Ratio Lower Upper

75 100

53 84.4 64.5 96.7

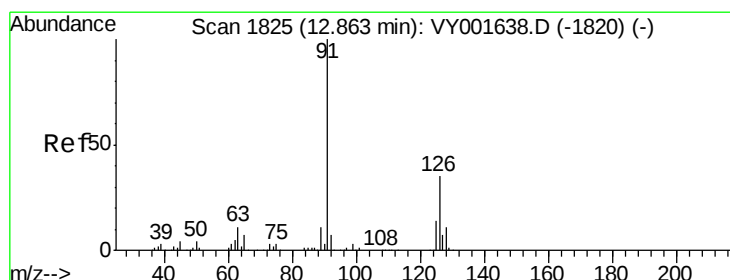
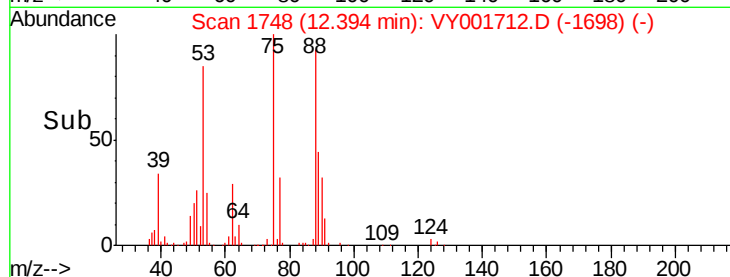
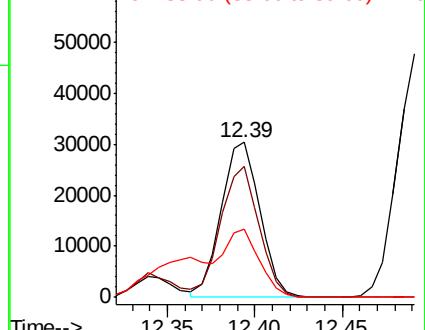
89 40.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 47.222 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001712.D

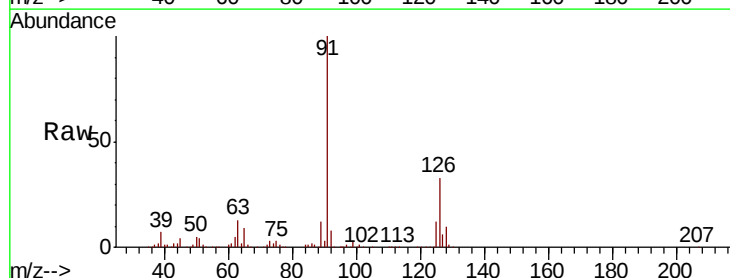
Acq: 20 Feb 2020 10:19

Tgt Ion: 91 Resp: 413944

Ion Ratio Lower Upper

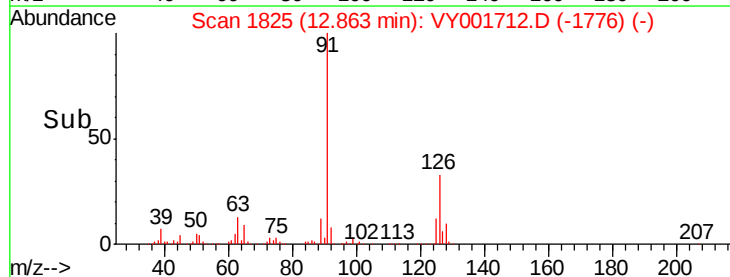
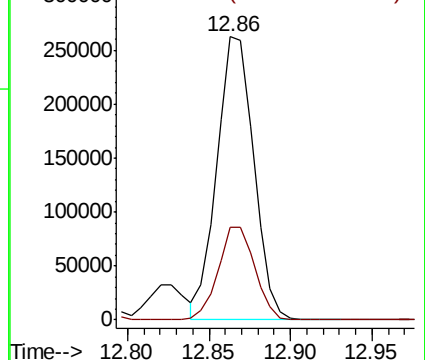
91 100

126 32.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

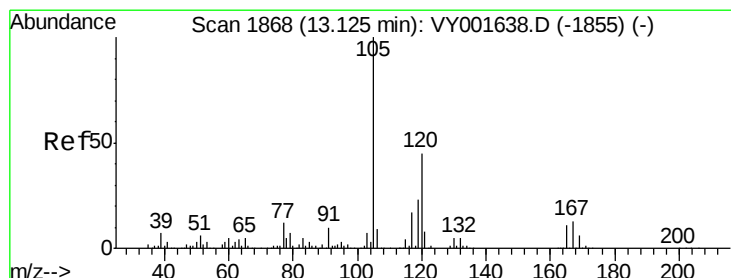
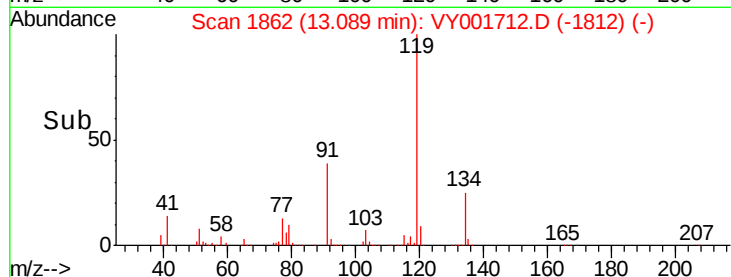
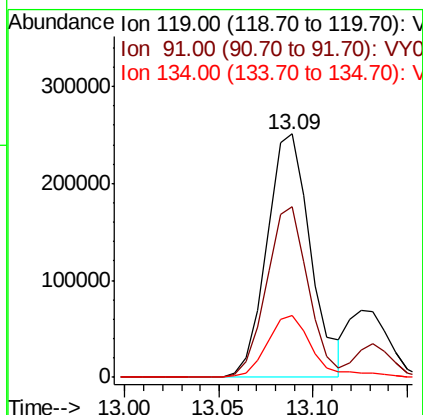
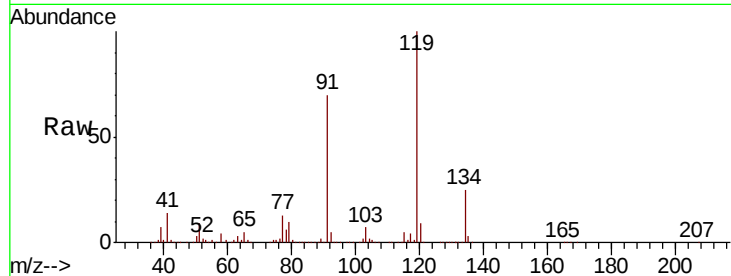




#83
tert-Butylbenzene
Concen: 48.072 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

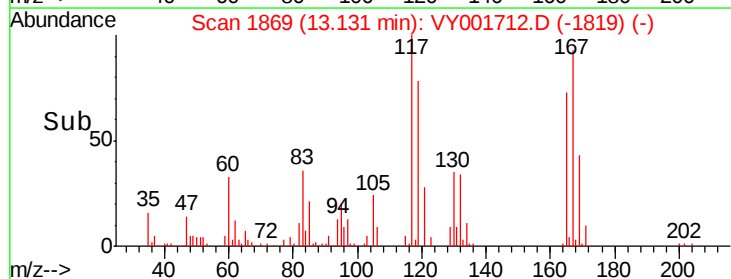
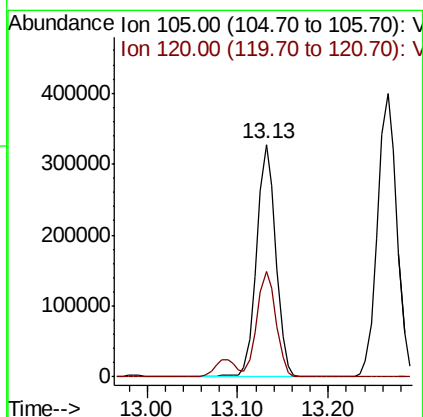
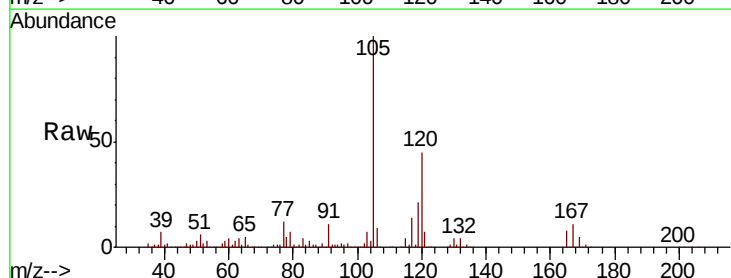
Instrument :
MSVOA_Y
ClientSampleId :

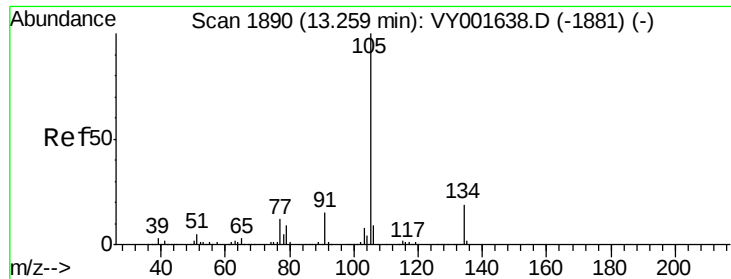
Tot Ion:119 Resp: 404951
Ion Ratio Lower Upper
119 100
91 66.6 33.5 100.5
134 26.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 47.473 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion:105 Resp: 476691
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 47.597 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

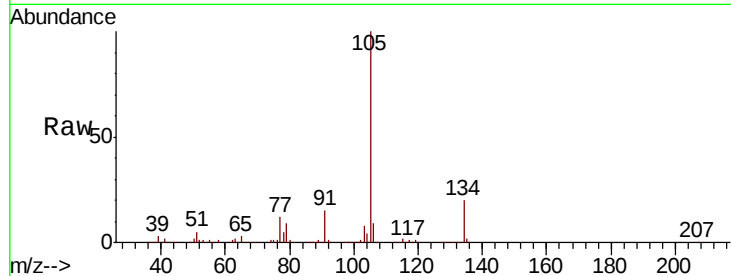
ClientSampleId :

Tot Ion:105 Resp: 589688

Ion Ratio Lower Upper

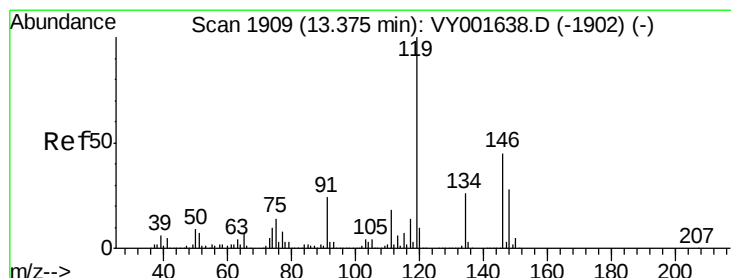
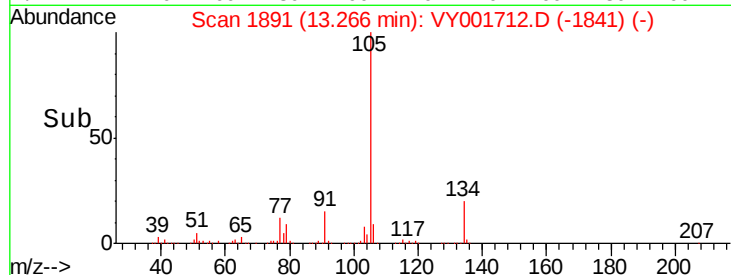
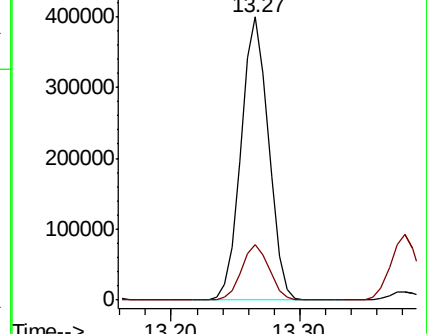
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.575 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

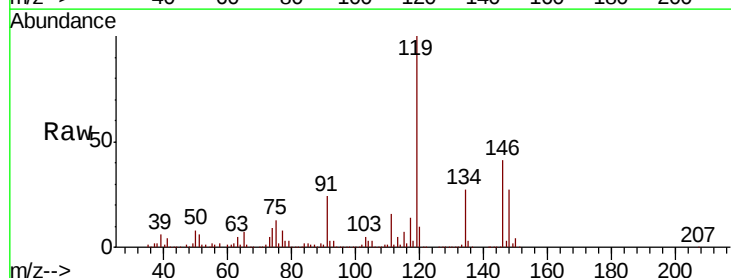
Tgt Ion:119 Resp: 512042

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

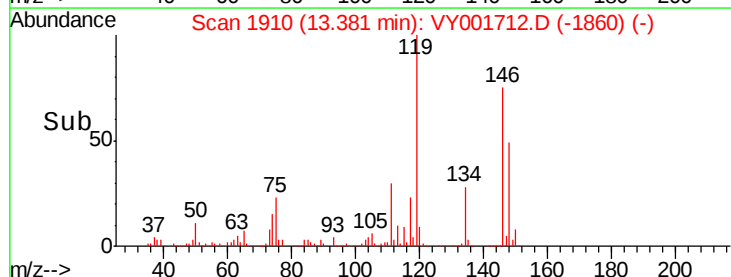
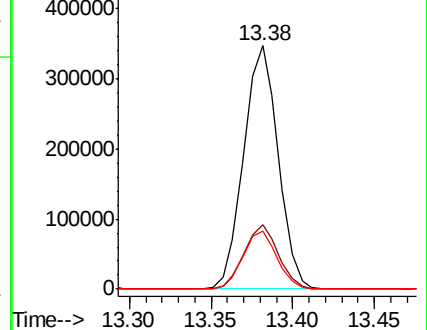
91 23.6 12.2 36.6

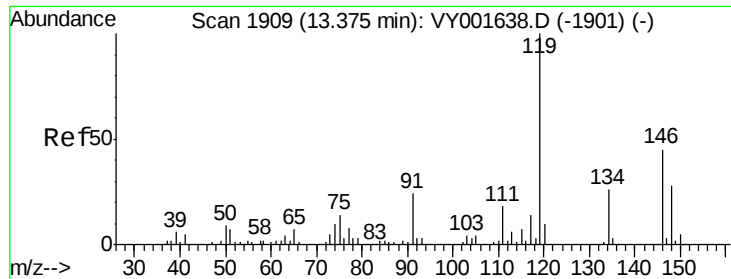


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

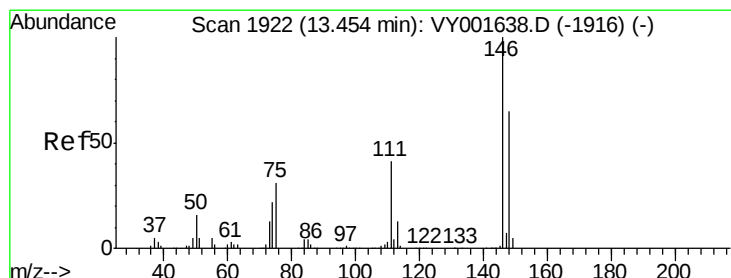
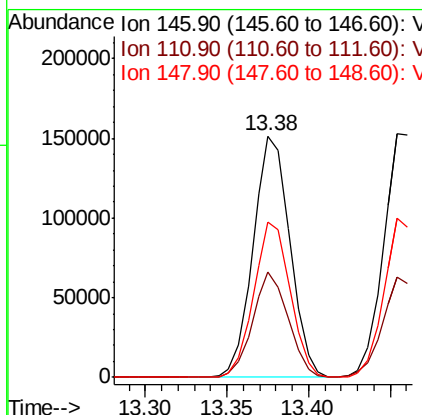
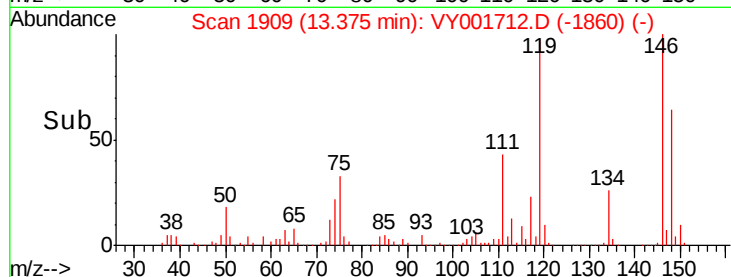
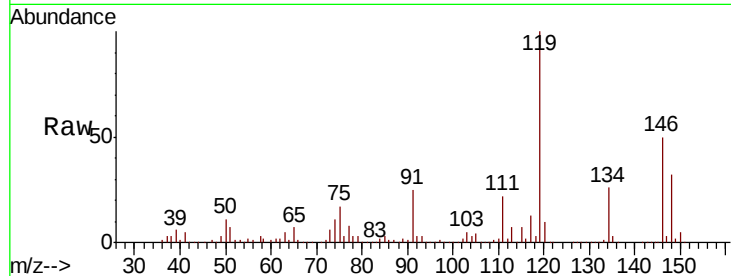




#87
 1,3-Dichlorobenzene
 Concen: 46.315 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

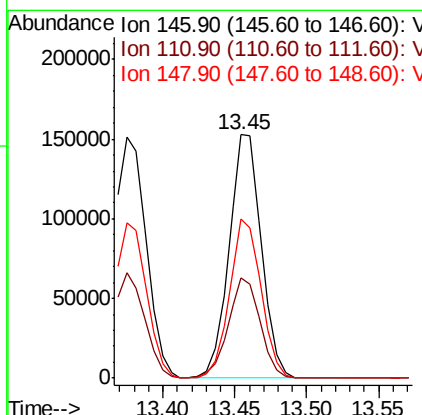
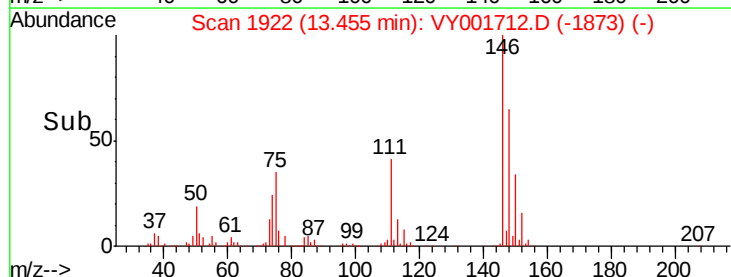
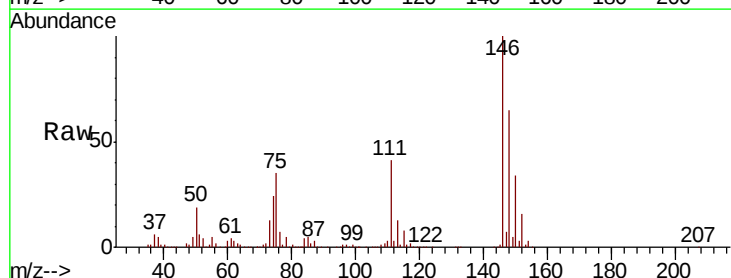
Instrument :
 MSVOA_Y
 ClientSampleId :

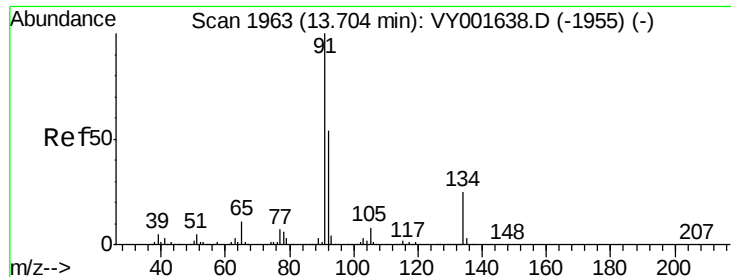
Tot Ion:146 Resp: 236924
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 63.6 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 46.136 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion:146 Resp: 238567
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.8 31.6 94.7

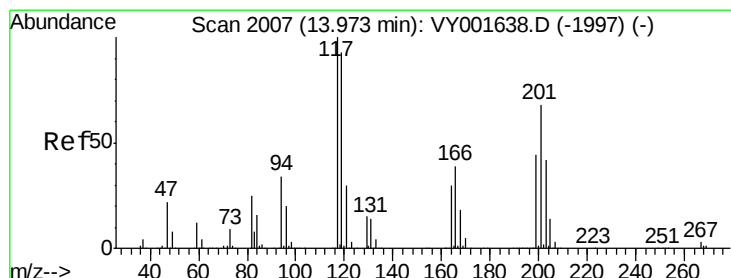
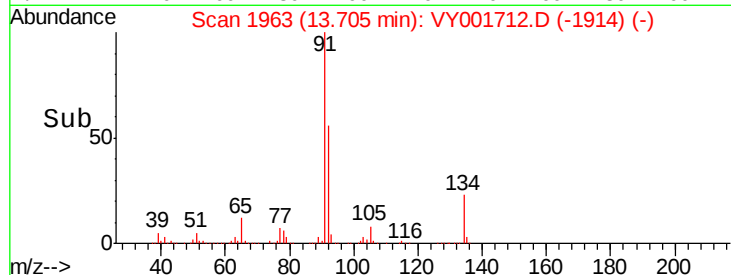
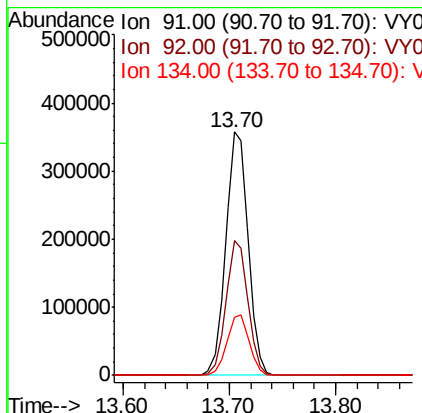
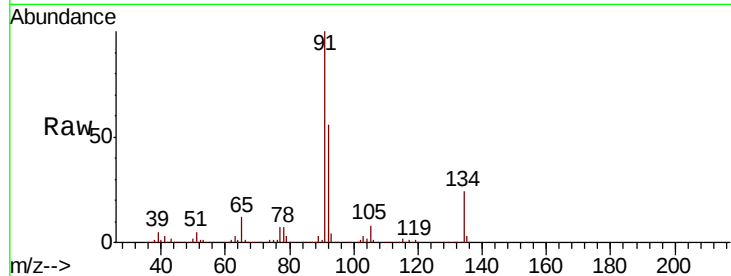




#89
n-Butylbenzene
Concen: 47.732 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

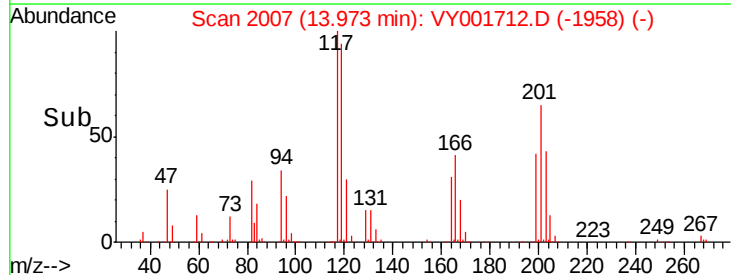
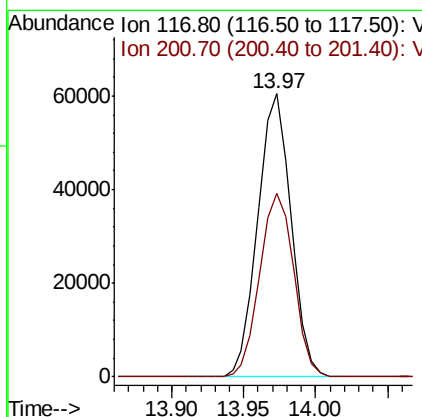
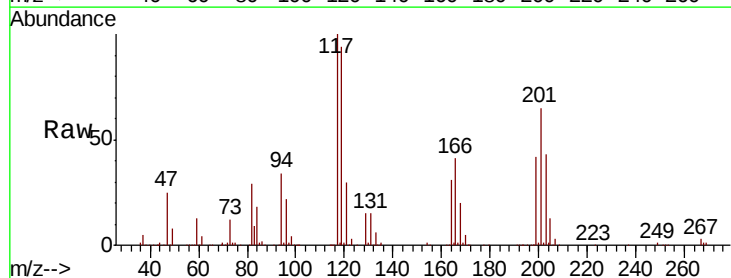
Instrument :
MSVOA_Y
ClientSampled :

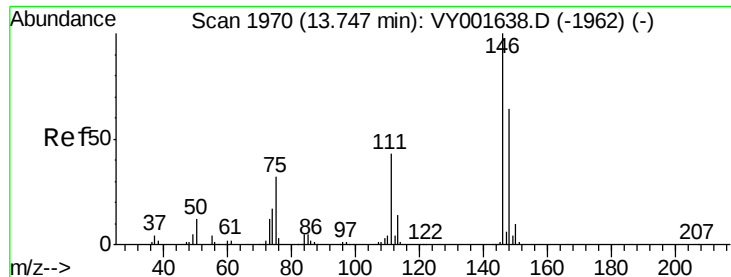
Tot Ion: 91 Resp: 524940
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 24.7 12.4 37.4



#90
Hexachloroethane
Concen: 47.708 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001712.D
Acq: 20 Feb 2020 10:19

Tgt Ion: 117 Resp: 96744
Ion Ratio Lower Upper
117 100
201 66.5 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 46.503 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

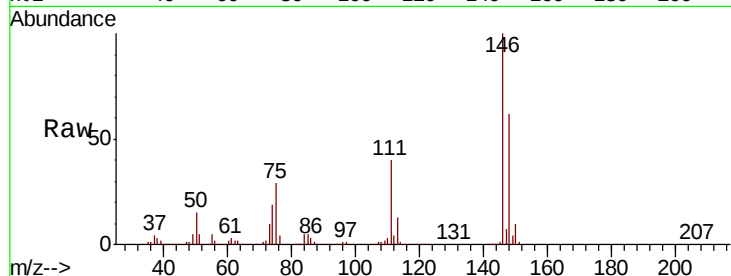
Tot Ion:146 Resp: 219533

Ion Ratio Lower Upper

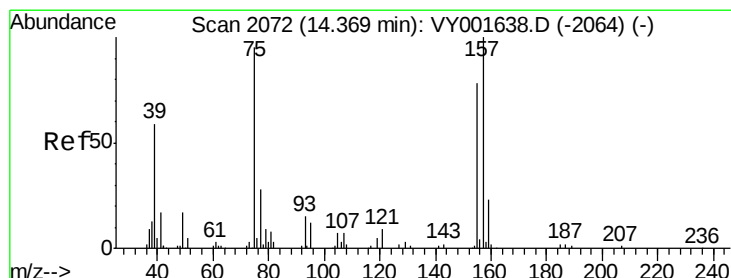
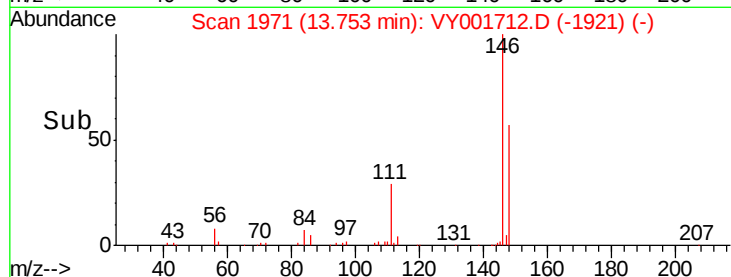
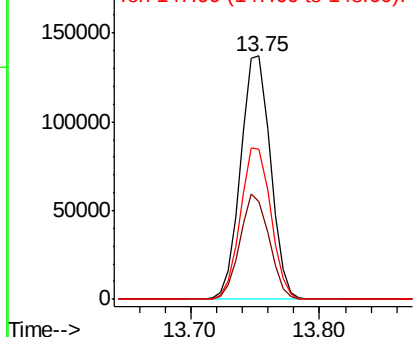
146 100

111 42.3 21.9 65.7

148 63.3 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: 47.400 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

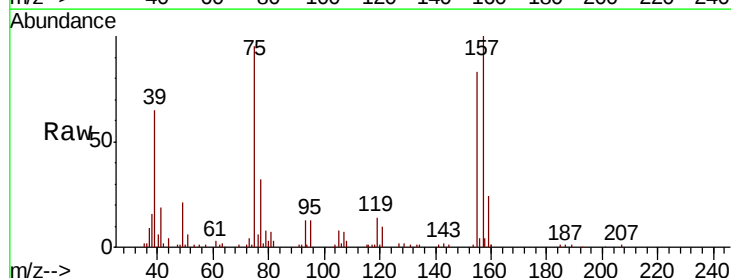
Tgt Ion: 75 Resp: 20323

Ion Ratio Lower Upper

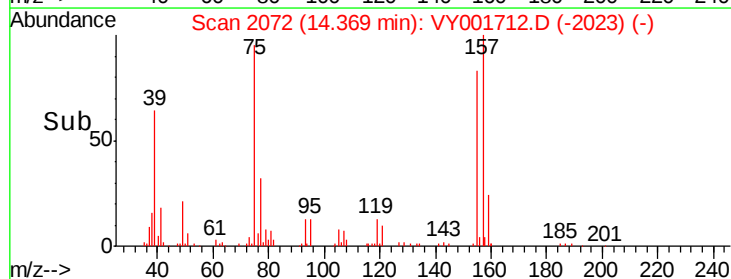
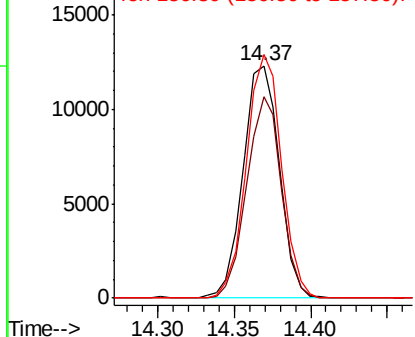
75 100

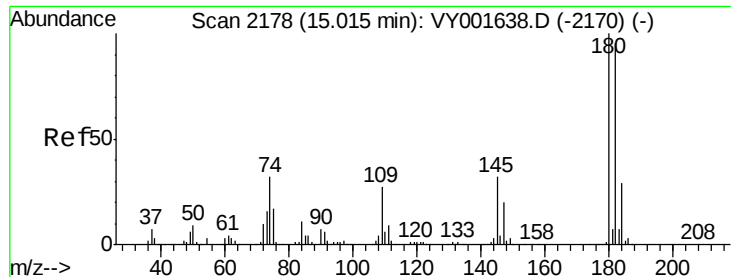
155 82.6 40.8 122.4

157 101.5 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

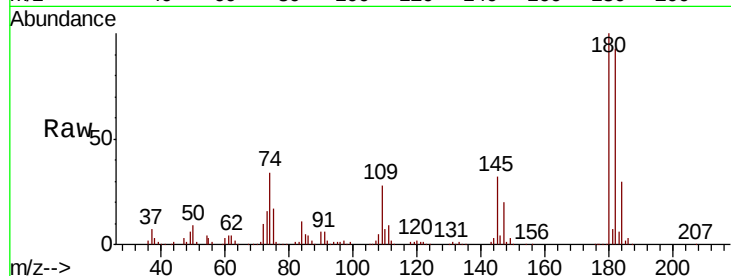




#93
 1,2,4-Trichlorobenzene
 Concen: 45.446 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.8	140.3
145	32.0	16.2	48.5

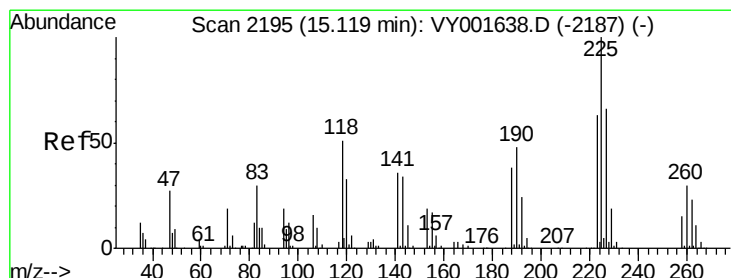
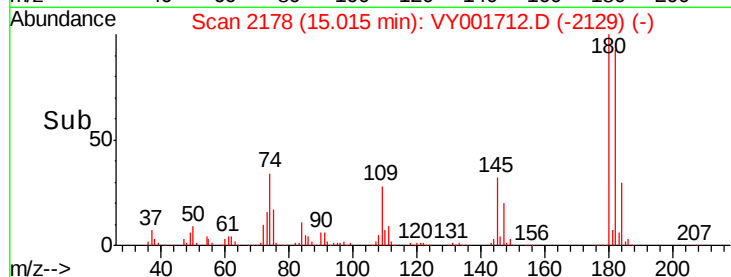
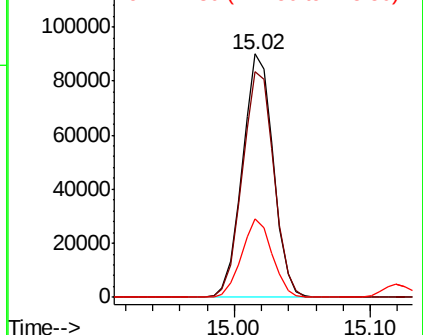


Abundance

Ion 179.80 (179.50 to 180.50): V

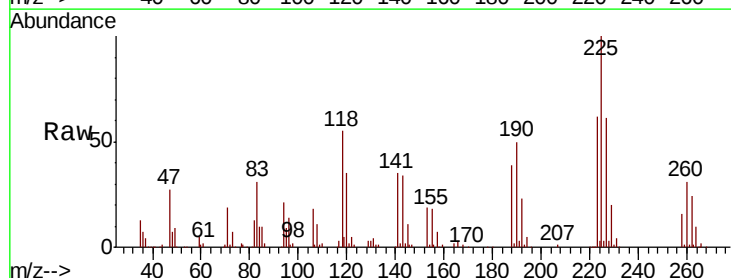
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.098 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001712.D
 Acq: 20 Feb 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.0
227	63.1	31.6	94.8

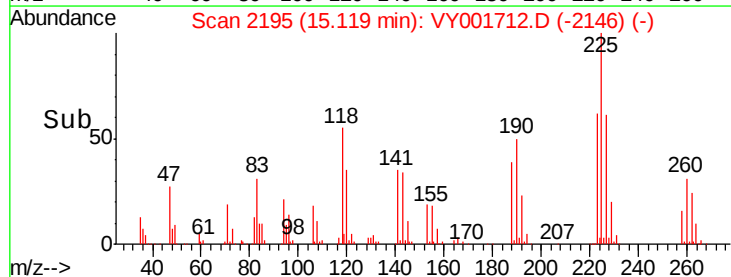
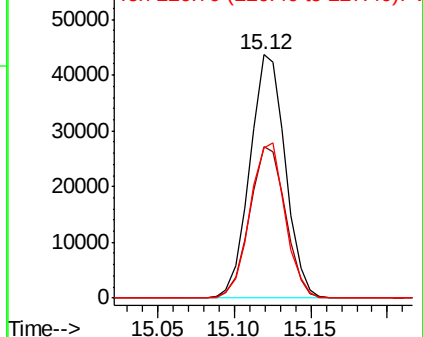


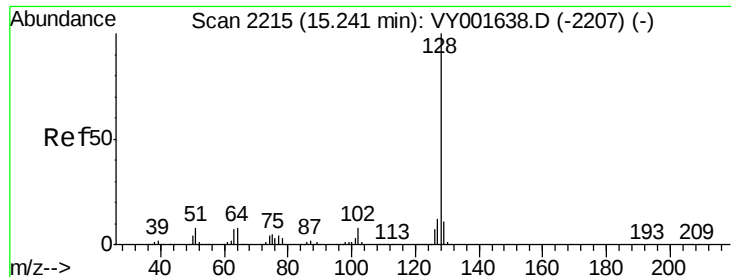
Abundance

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: 45.973 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

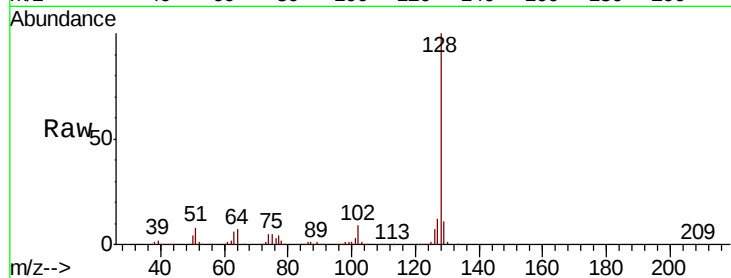
Tot Ion:128 Resp: 331611

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

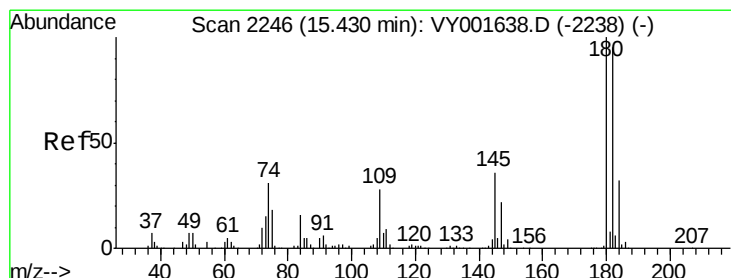
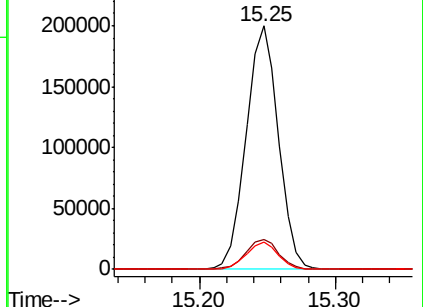
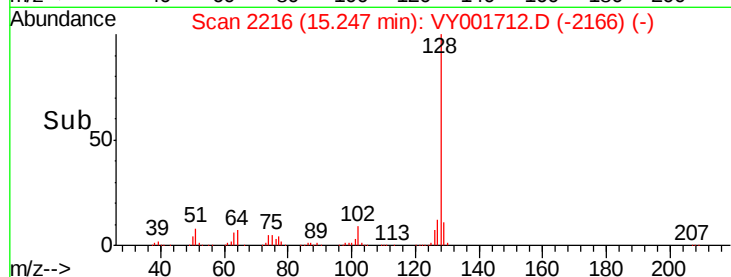
129 11.0 8.6 13.0



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: 45.281 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY001712.D

Acq: 20 Feb 2020 10:19

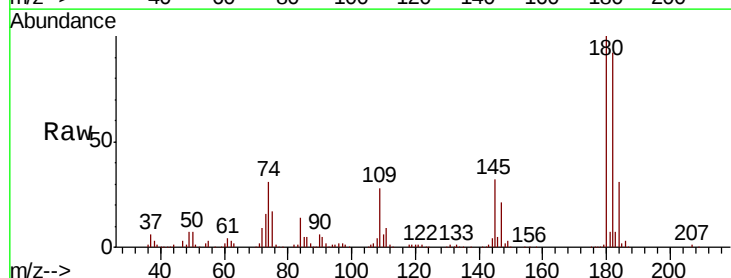
Tgt Ion:180 Resp: 124627

Ion Ratio Lower Upper

180 100

182 92.7 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

