

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001710.D
 Acq On : 19 Feb 2020 19:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 20 05:42:26 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	200093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	365793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	332955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	151128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	118488	55.05	ug/l	0.00
Spiked Amount						
			Recovery	=	110.10%	
35) Dibromofluoromethane	7.74	113	106499	50.83	ug/l	0.00
Spiked Amount						
			Recovery	=	101.66%	
50) Toluene-d8	10.19	98	440208	53.63	ug/l	0.00
Spiked Amount						
			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.49	95	159899	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	100653	51.605	ug/l	98
3) Chloromethane	2.12	50	134818	51.390	ug/l	100
4) Vinyl Chloride	2.26	62	137085	51.807	ug/l	97
5) Bromomethane	2.66	94	86726	52.442	ug/l	99
6) Chloroethane	2.80	64	85414	52.383	ug/l	97
7) Trichlorofluoromethane	3.14	101	172161	50.836	ug/l	100
8) Diethyl Ether	3.55	74	68784	51.521	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	106108	49.848	ug/l	98
10) Methyl Iodide	4.11	142	129996	49.900	ug/l	99
11) Tert butyl alcohol	4.98	59	66127	266.924	ug/l	99
12) 1,1-Dichloroethene	3.90	96	109619	50.491	ug/l	96
13) Acrolein	3.75	56	68594	315.562	ug/l	98
14) Allyl chloride	4.50	41	196525	50.863	ug/l	98
15) Acrylonitrile	5.20	53	178178	260.371	ug/l	100
16) Acetone	3.97	43	153537	206.168	ug/l	97
17) Carbon Disulfide	4.22	76	349458	48.213	ug/l	100
18) Methyl Acetate	4.50	43	82386	50.799	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	315540	52.202	ug/l	100
20) Methylene Chloride	4.75	84	124667	47.129	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	120461	48.632	ug/l	95
22) Diisopropyl ether	6.15	45	410558	51.741	ug/l	96
23) Vinyl Acetate	6.09	43	1341931	259.268	ug/l	98
24) 1,1-Dichloroethane	6.05	63	218800	51.592	ug/l	99
25) 2-Butanone	7.02	43	239634	236.870	ug/l	100
26) 2,2-Dichloropropane	7.01	77	178972	48.505	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	135755	49.651	ug/l	97
28) Bromochloromethane	7.36	49	100881	57.103	ug/l	99
29) Tetrahydrofuran	7.38	42	158605	259.382	ug/l	99
30) Chloroform	7.53	83	207687	50.119	ug/l	96
31) Cyclohexane	7.81	56	216605	47.903	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	177649	51.007	ug/l	100
36) 1,1-Dichloropropene	7.94	75	168902	48.340	ug/l	100
37) Ethyl Acetate	7.10	43	102915	49.350	ug/l	99
38) Carbon Tetrachloride	7.92	117	150003	48.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	222253	47.947	ug/l	99
40) Benzene	8.19	78	505839	49.225	ug/l	99
41) Methacrylonitrile	7.37	41	141690	135.316	ug/l #	31
42) 1,2-Dichloroethane	8.26	62	141119	50.408	ug/l	100
43) Isopropyl Acetate	8.30	43	200905	50.775	ug/l	99
44) Trichloroethene	8.96	130	123527	48.154	ug/l	99
45) 1,2-Dichloropropane	9.24	63	129747	50.416	ug/l	98
46) Dibromomethane	9.33	93	66294	49.250	ug/l	97
47) Bromodichloromethane	9.52	83	161974	49.858	ug/l	100
48) Methyl methacrylate	9.31	41	89766	50.163	ug/l	98
49) 1,4-Dioxane	9.31	88	18370	966.242	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	510723	251.221	ug/l	100
52) Toluene	10.26	92	317443	49.523	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	181712	50.596	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	205603	49.740	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	100043	50.404	ug/l	98
56) Ethyl methacrylate	10.52	69	153854	51.671	ug/l	100
57) 1,3-Dichloropropane	10.81	76	177768	50.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	266132	236.637	ug/l	99
59) 2-Hexanone	10.85	43	361992	237.315	ug/l	98
60) Dibromochloromethane	11.00	129	109812	50.182	ug/l	99
61) 1,2-Dibromoethane	11.10	107	96703	51.528	ug/l	99
64) Tetrachloroethene	10.74	164	98907	47.321	ug/l	99
65) Chlorobenzene	11.53	112	319817	48.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	110778	49.402	ug/l	99
67) Ethyl Benzene	11.61	91	601362	48.748	ug/l	98
68) m/p-Xylenes	11.72	106	449773	97.606	ug/l	100
69) o-Xylene	12.04	106	212015	48.396	ug/l	99
70) Styrene	12.06	104	371481	48.792	ug/l	100
71) Bromoform	12.22	173	61793	48.220	ug/l #	99
73) Isopropylbenzene	12.34	105	572654	49.739	ug/l	99
74) N-amyl acetate	12.16	43	182623	49.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	125553	51.073	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	161871	93.371	ug/l #	100
77) Bromobenzene	12.62	156	122006	48.884	ug/l	99
78) n-propylbenzene	12.68	91	701932	50.059	ug/l	99
79) 2-Chlorotoluene	12.77	91	392767	49.942	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	471893	49.514	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45331	49.607	ug/l	96
82) 4-Chlorotoluene	12.87	91	408917	49.299	ug/l	100
83) tert-Butylbenzene	13.09	119	400190	50.206	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	472611	49.741	ug/l	100
85) sec-Butylbenzene	13.27	105	578662	49.361	ug/l	100
86) p-Isopropyltoluene	13.38	119	499073	49.004	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	231945	47.918	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	231900	47.395	ug/l	98
89) n-Butylbenzene	13.71	91	499881	48.036	ug/l	99
90) Hexachloroethane	13.97	117	93606	48.783	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	213885	47.881	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	20429	50.354	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	132976	44.921	ug/l	100
94) Hexachlorobutadiene	15.12	225	64537	43.838	ug/l	100
95) Naphthalene	15.25	128	324528	47.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	117429	45.090	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

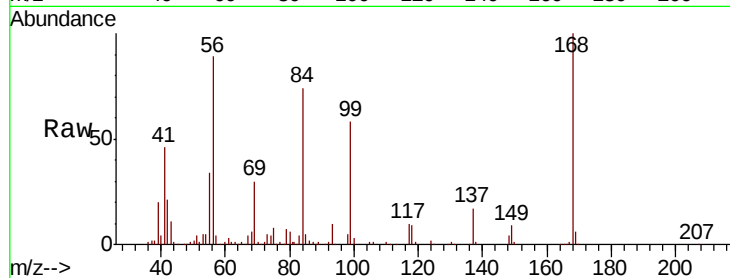
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 200093

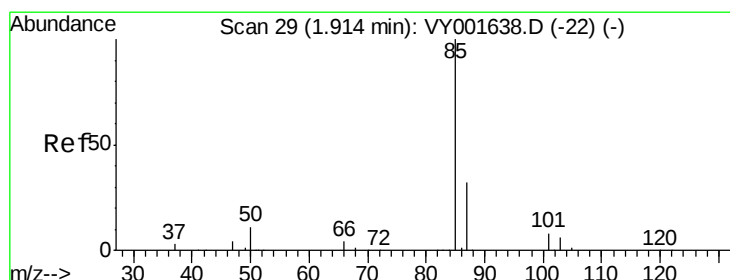
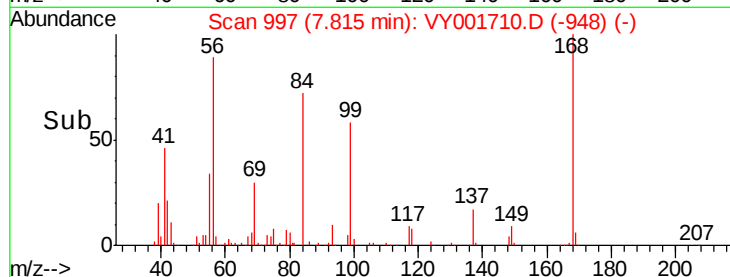
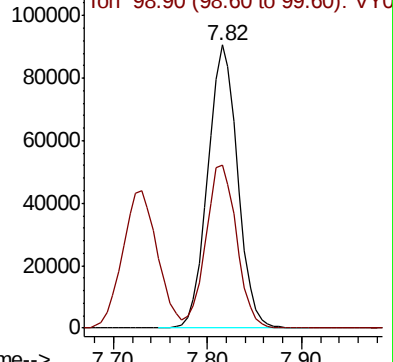
Ion Ratio Lower Upper

168 100

99 57.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001710.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 51.605 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001710.D

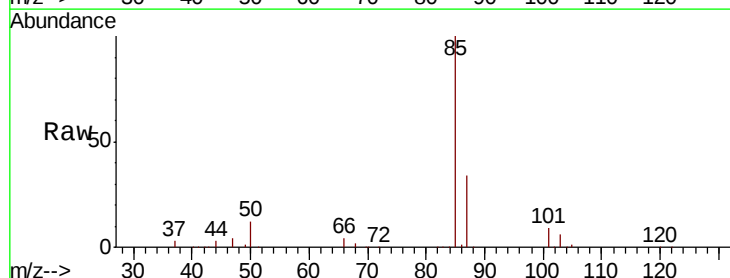
Acq: 19 Feb 2020 19:26

Tgt Ion: 85 Resp: 100653

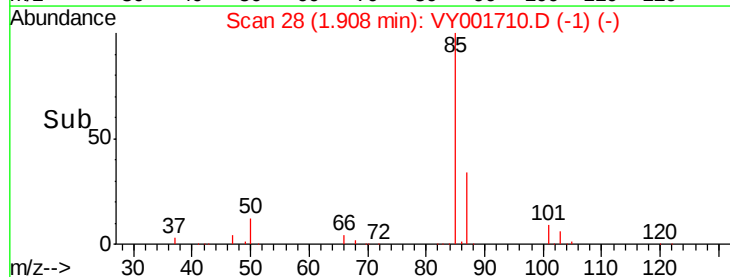
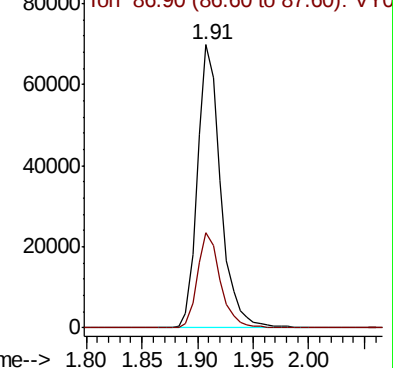
Ion Ratio Lower Upper

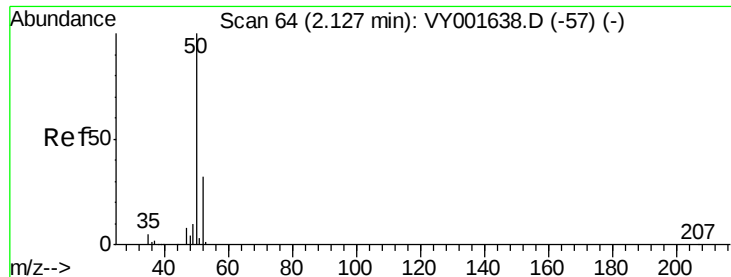
85 100

87 33.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001710.D (-1) (-)





#3

Chloromethane

Concen: 51.390 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

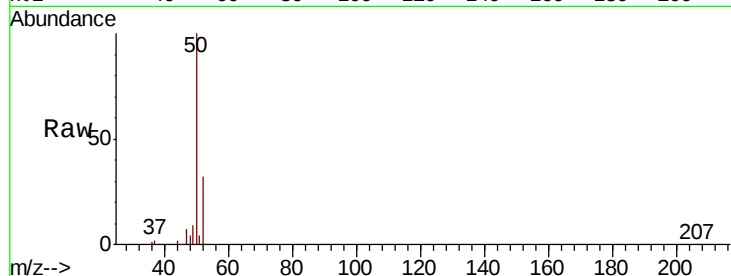
ClientSampleId :

Tot Ion: 50 Resp: 134818

Ion Ratio Lower Upper

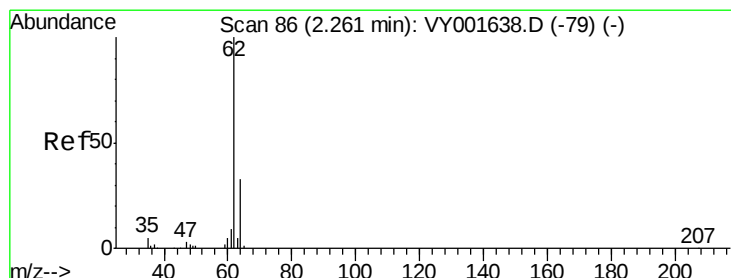
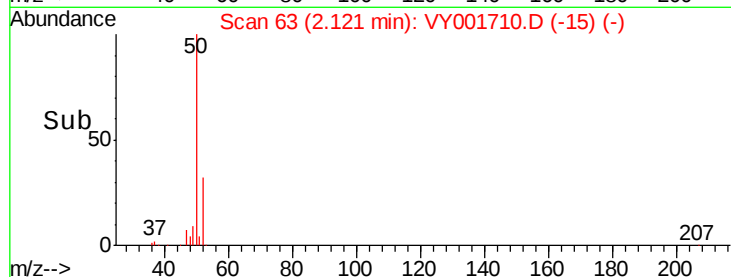
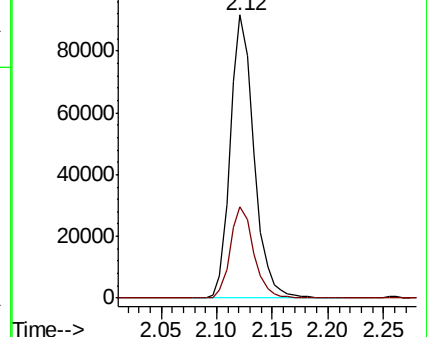
50 100

52 32.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001638.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001710.D (-15) (-)



#4

Vinyl Chloride

Concen: 51.807 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001710.D

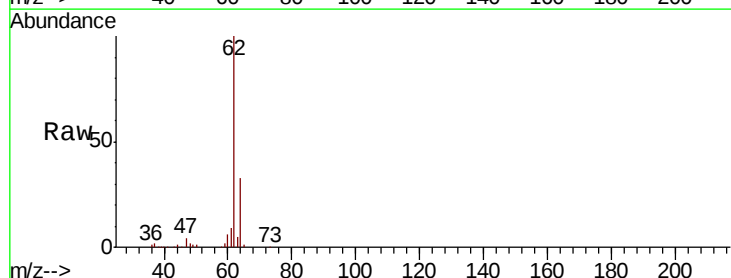
Acq: 19 Feb 2020 19:26

Tgt Ion: 62 Resp: 137085

Ion Ratio Lower Upper

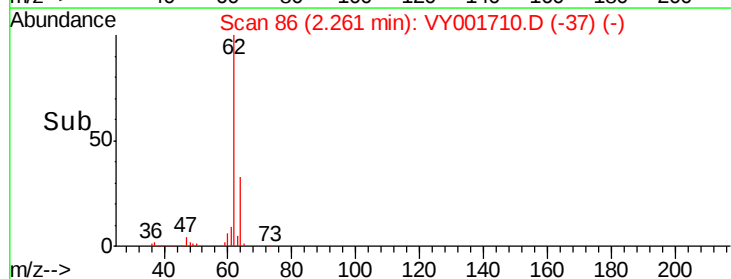
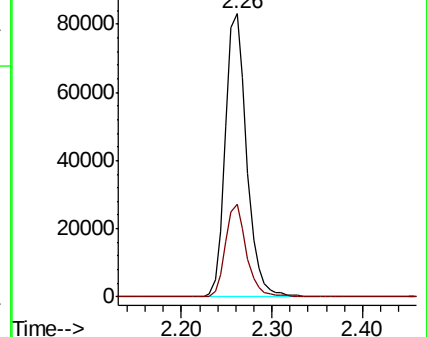
62 100

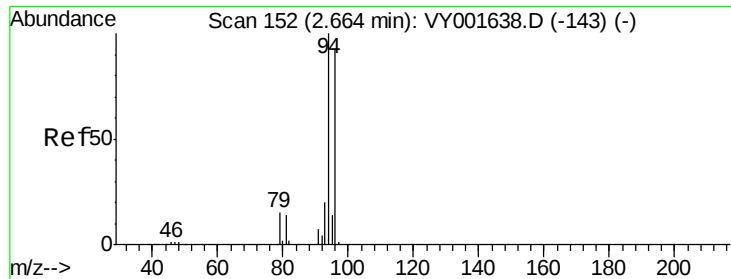
64 32.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY001638.D (-79) (-)

Ion 63.90 (63.60 to 64.60): VY001710.D (-37) (-)





#5

Bromomethane

Concen: 52.442 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

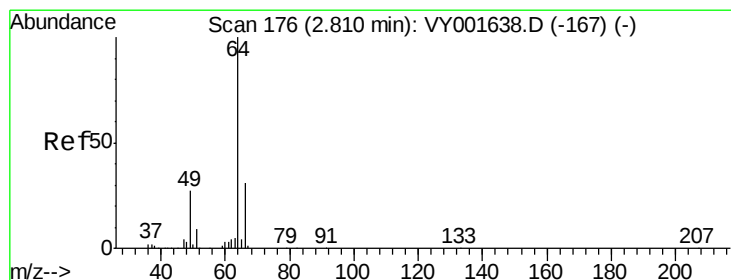
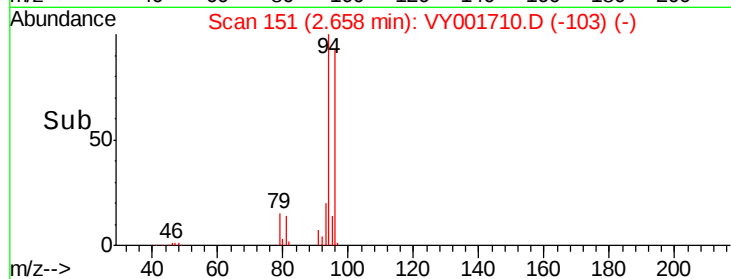
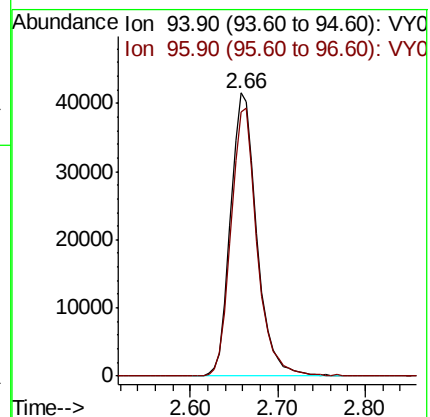
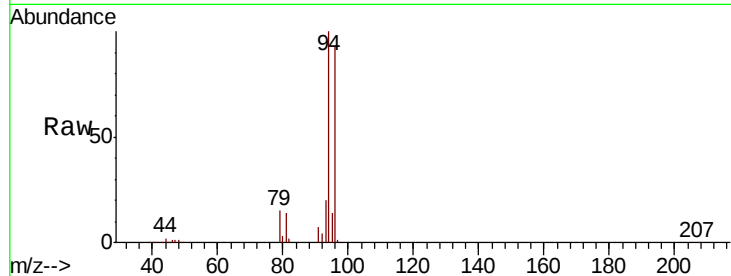
ClientSampleId :

Tot Ion: 94 Resp: 86726

Ion Ratio Lower Upper

94 100

96 93.3 73.7 110.5



#6

Chloroethane

Concen: 52.383 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001710.D

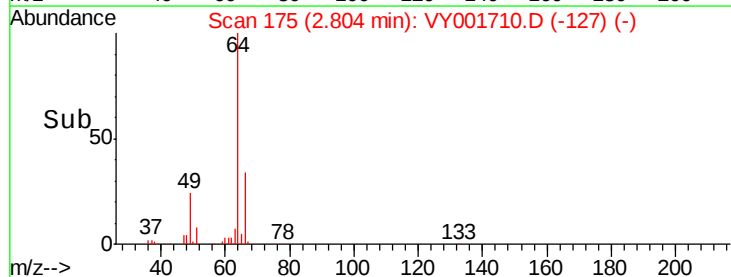
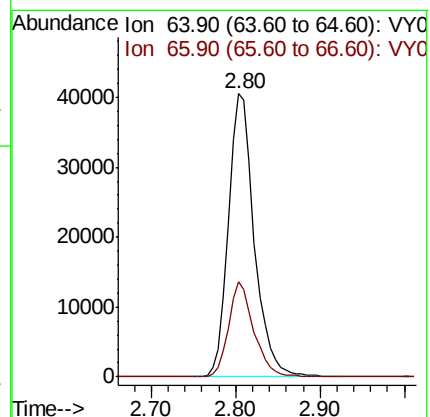
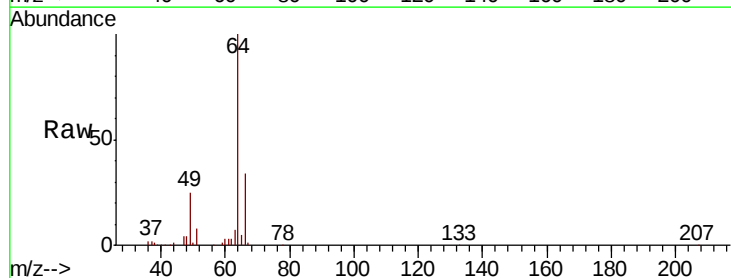
Acq: 19 Feb 2020 19:26

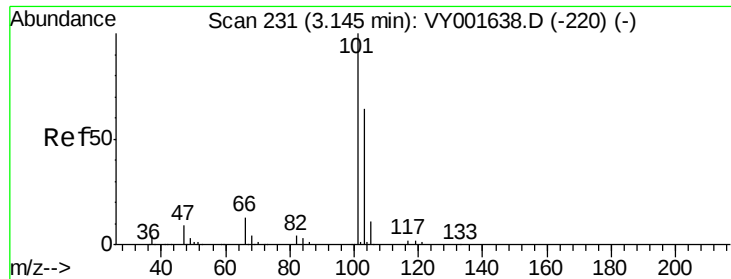
Tgt Ion: 64 Resp: 85414

Ion Ratio Lower Upper

64 100

66 33.5 25.5 38.3



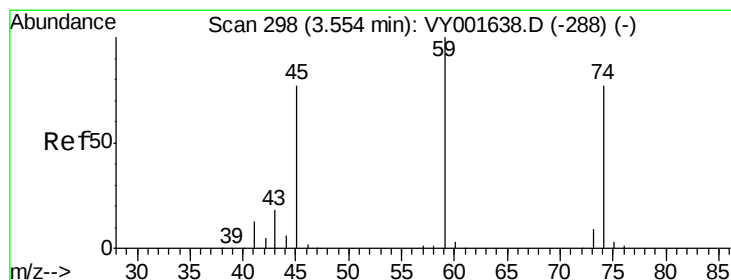
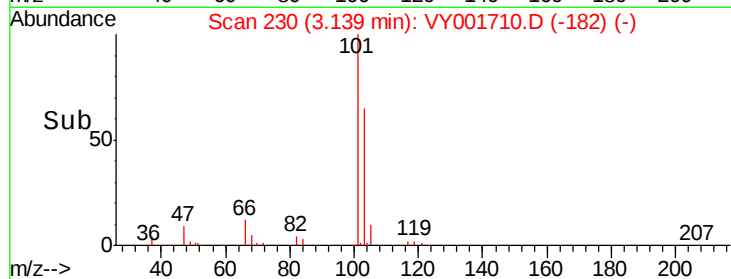
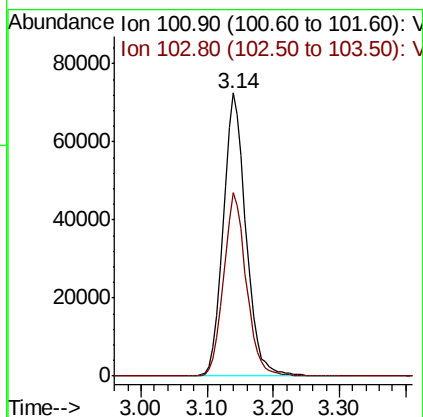
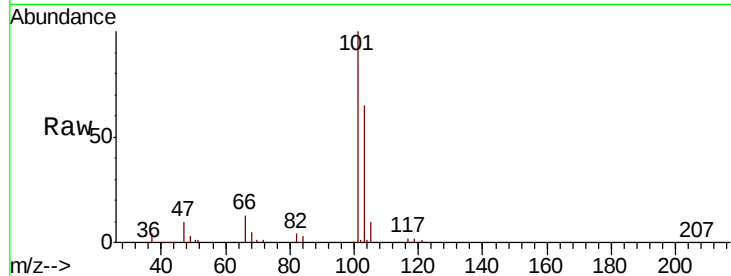


#7

Trichlorofluoromethane
 Concen: 50.836 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
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 ClientSampleId :

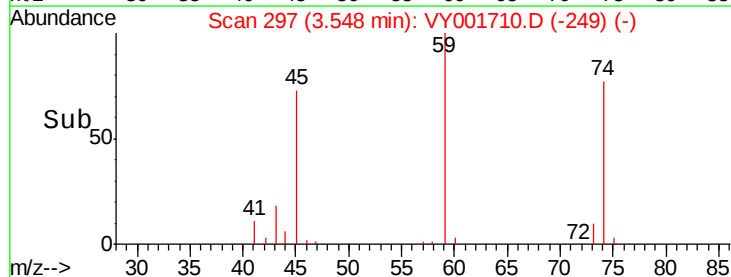
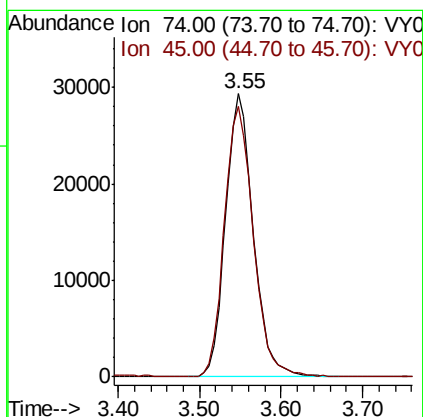
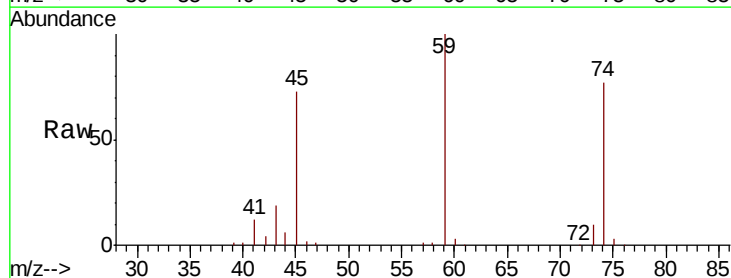
Tot Ion:101 Resp: 172161
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

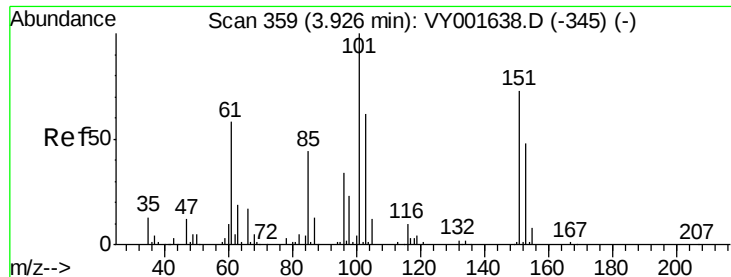


#8

Diethyl Ether
 Concen: 51.521 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 74 Resp: 68784
 Ion Ratio Lower Upper
 74 100
 45 99.7 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.848 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

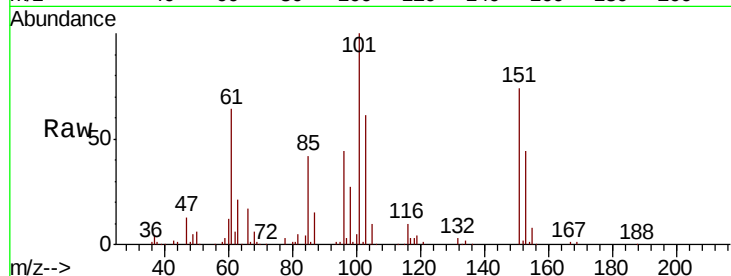
Tot Ion:101 Resp: 106108

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

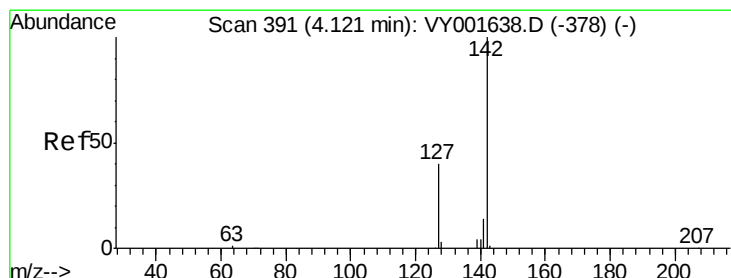
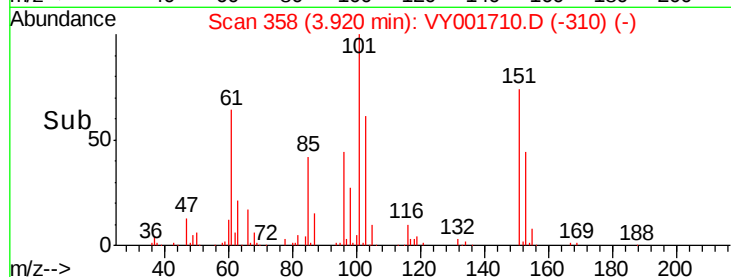
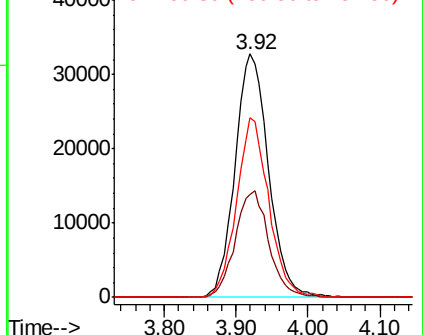
151 71.0 58.4 87.6



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: 49.900 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

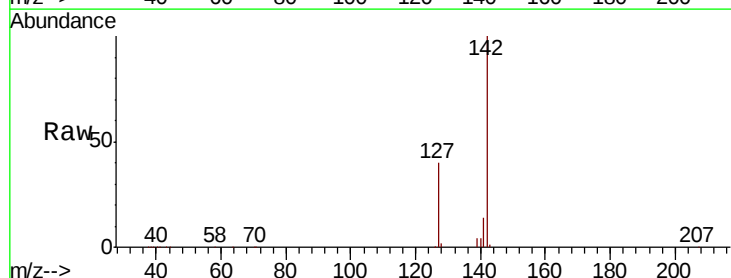
Tgt Ion:142 Resp: 129996

Ion Ratio Lower Upper

142 100

127 41.0 32.1 48.1

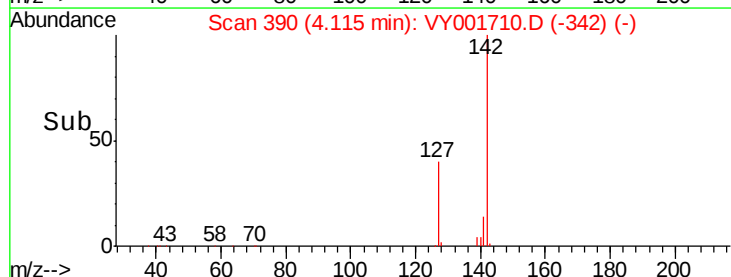
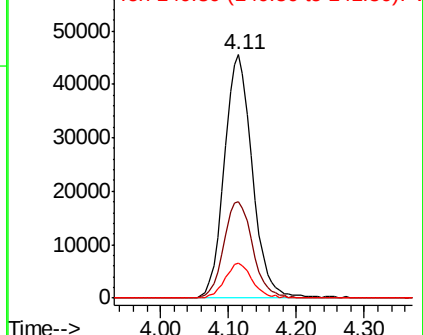
141 14.0 11.3 16.9

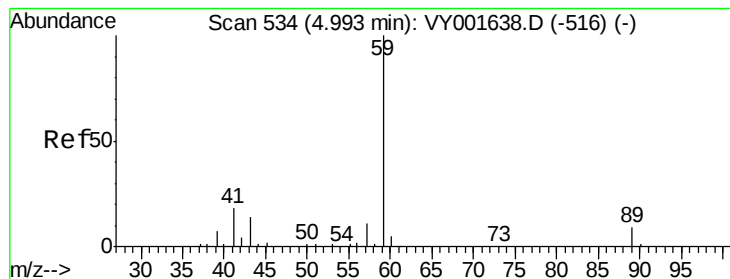


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



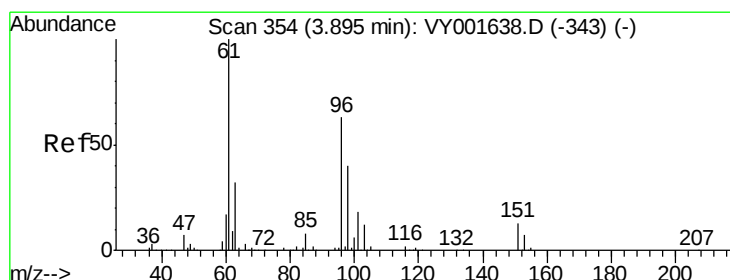
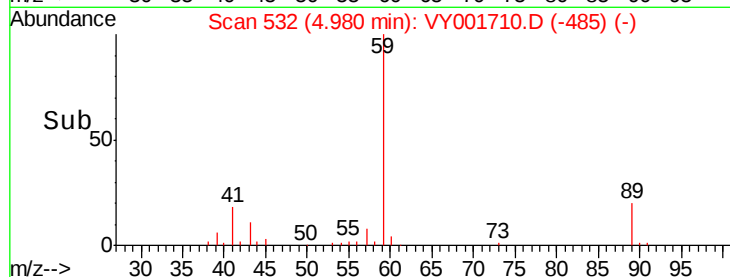
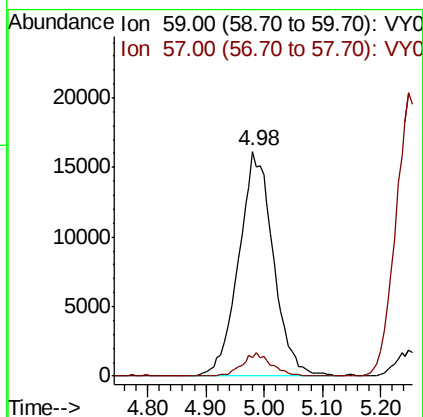
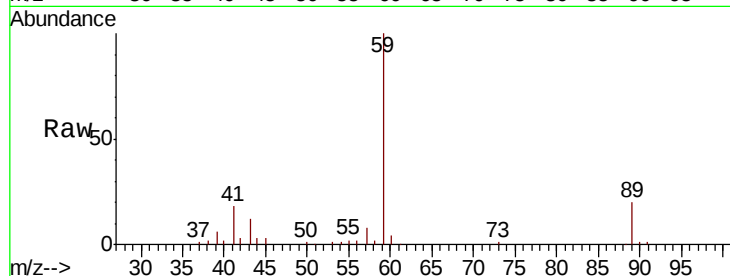


#11

Tert butyl alcohol
 Concen: 266.924 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :

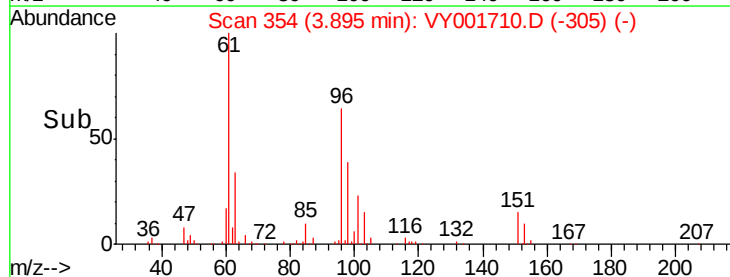
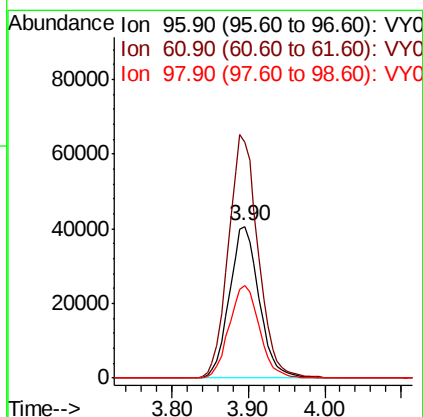
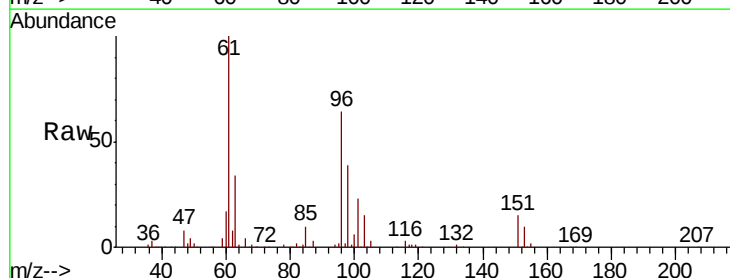
Tot Ion: 59 Resp: 66127
 Ion Ratio Lower Upper
 59 100
 57 8.9 7.4 11.2

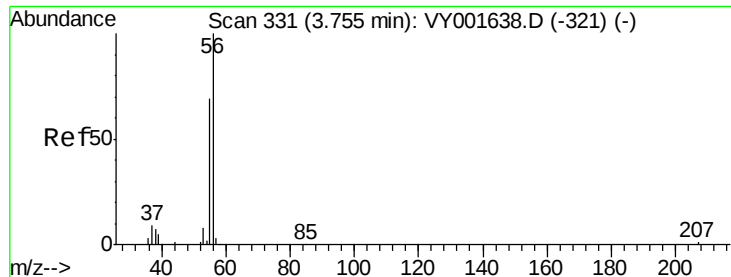


#12

1,1-Dichloroethene
 Concen: 50.491 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 96 Resp: 109619
 Ion Ratio Lower Upper
 96 100
 61 155.4 128.7 193.1
 98 61.0 50.7 76.1





#13

Acrolein

Concen: 315.562 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

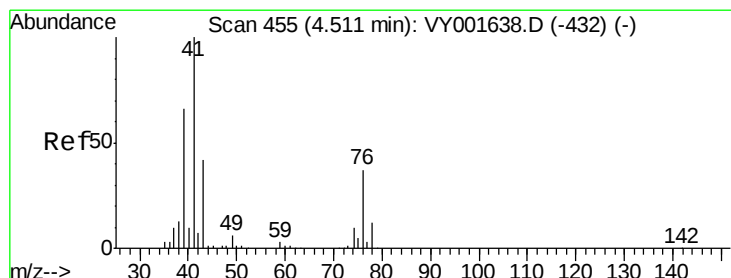
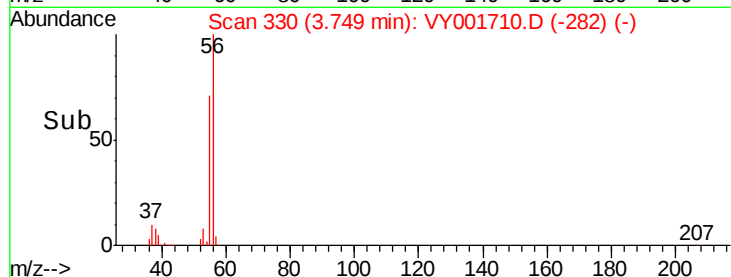
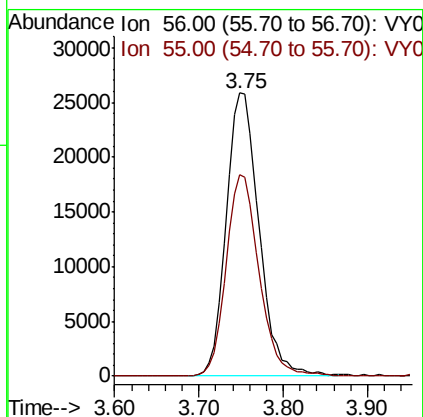
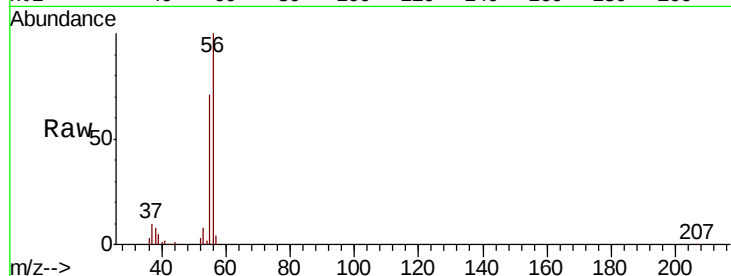
ClientSampleId :

Tot Ion: 56 Resp: 68594

Ion Ratio Lower Upper

56 100

55 71.4 56.1 84.1



#14

Allyl chloride

Concen: 50.863 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

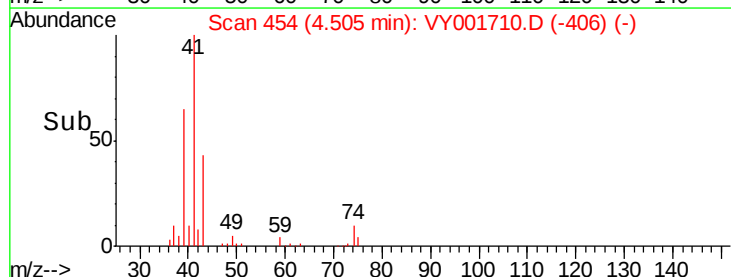
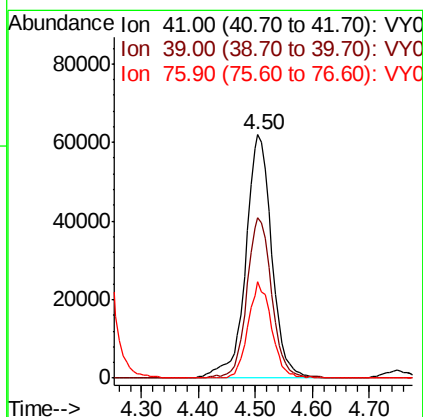
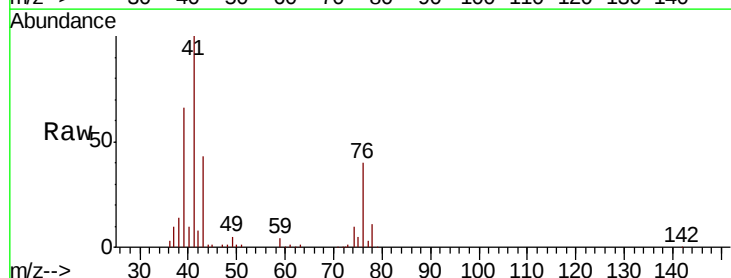
Tgt Ion: 41 Resp: 196525

Ion Ratio Lower Upper

41 100

39 63.4 49.4 74.0

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 260.371 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

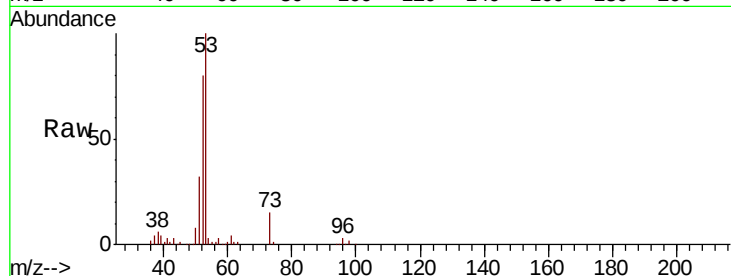
Tot Ion: 53 Resp: 178178

Ion Ratio Lower Upper

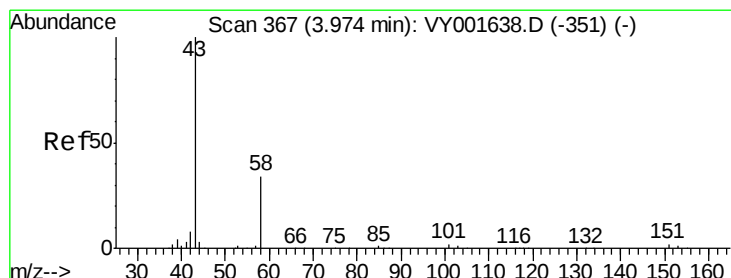
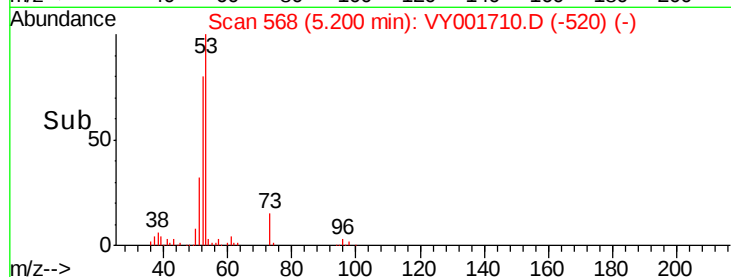
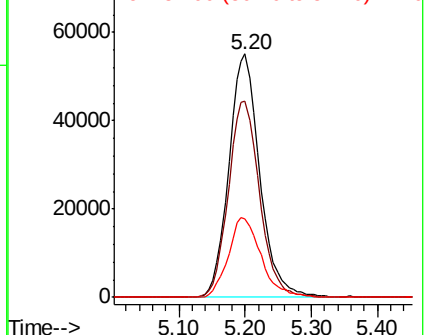
53 100

52 81.6 65.4 98.0

51 34.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 206.168 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001710.D

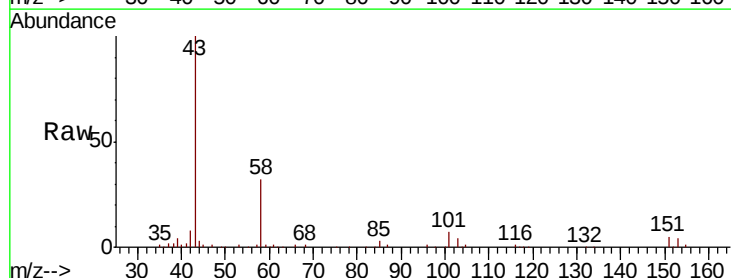
Acq: 19 Feb 2020 19:26

Tgt Ion: 43 Resp: 153537

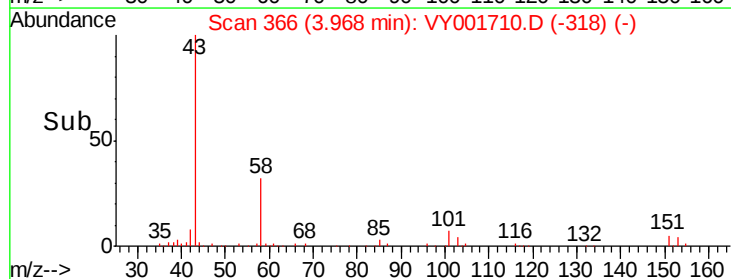
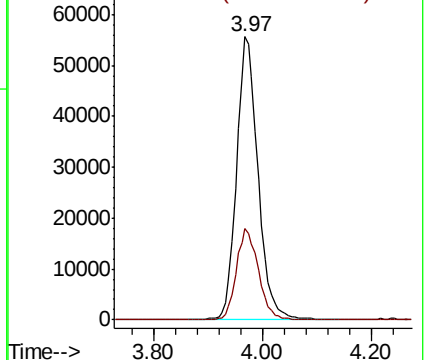
Ion Ratio Lower Upper

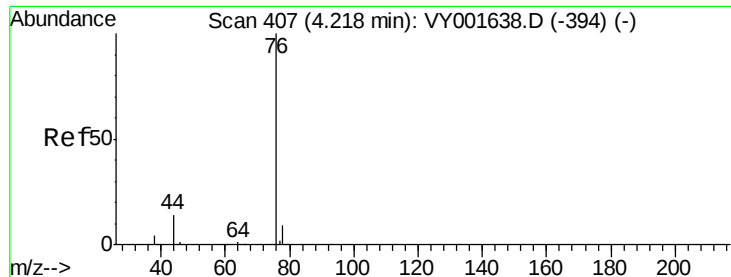
43 100

58 32.4 27.3 40.9



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

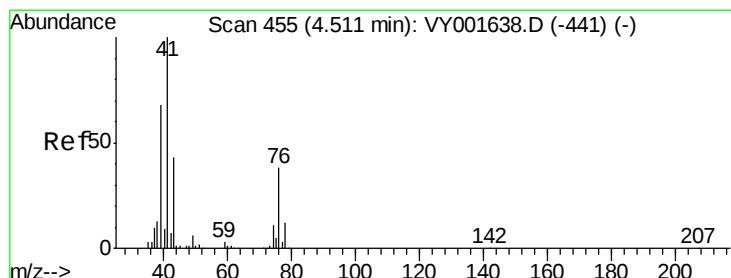
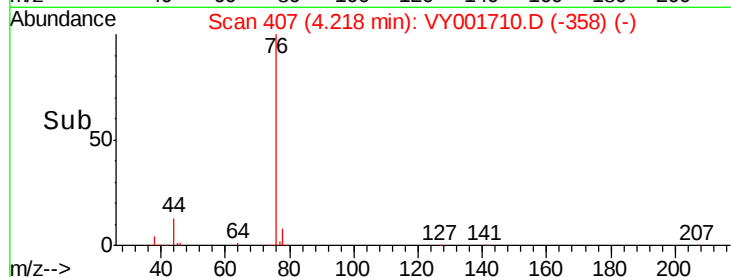
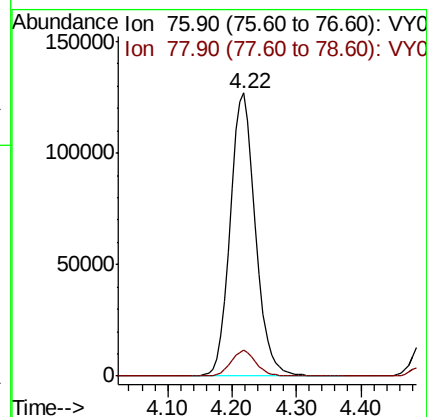
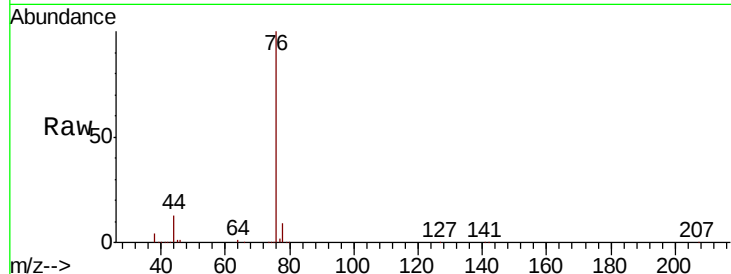




#17
Carbon Disulfide
Concen: 48.213 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

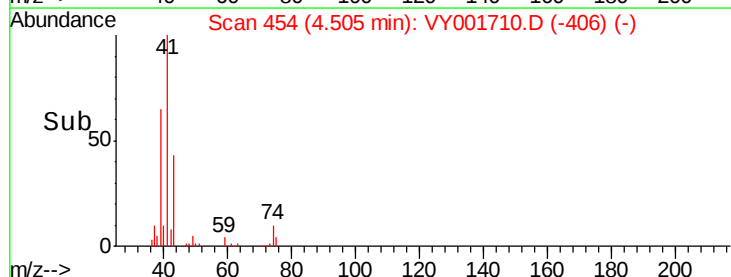
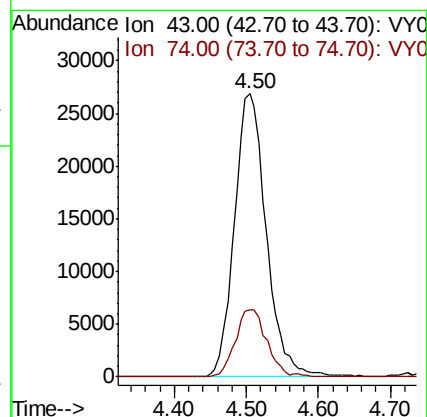
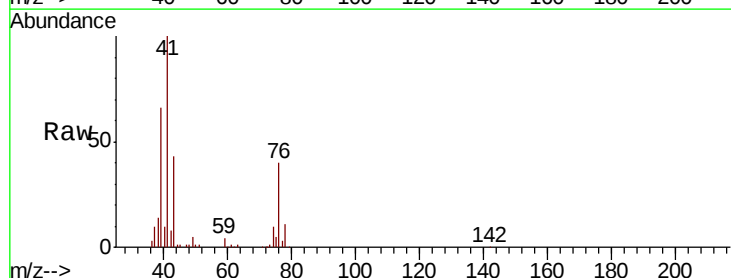
Instrument :
MSVOA_Y
ClientSampleId :

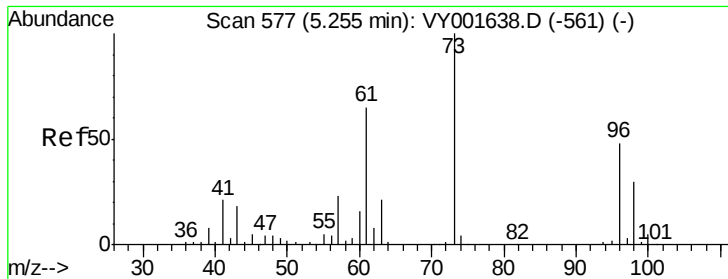
Tot Ion: 76 Resp: 349458
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 50.799 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 43 Resp: 82386
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

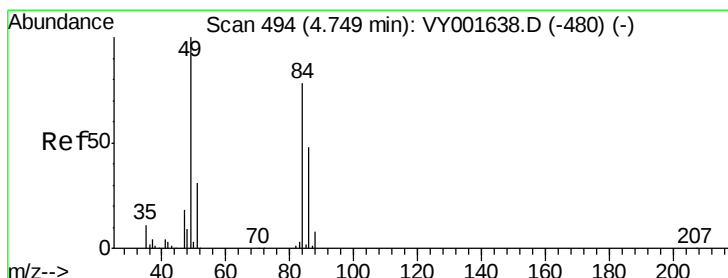
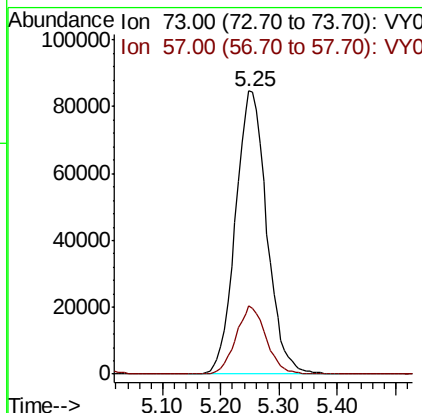
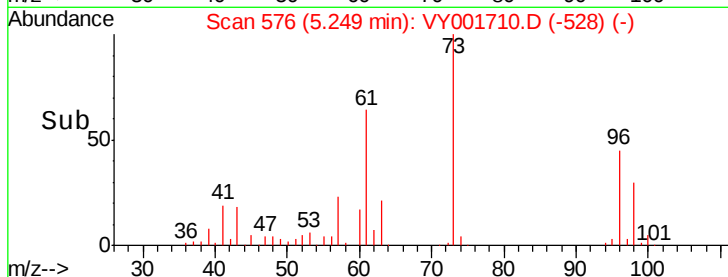
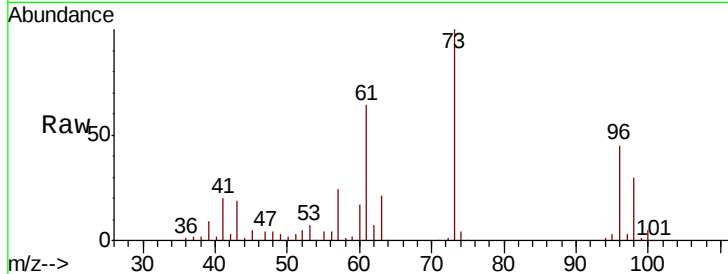




#19
Methvl tert-butvl Ether
Concen: 52.202 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

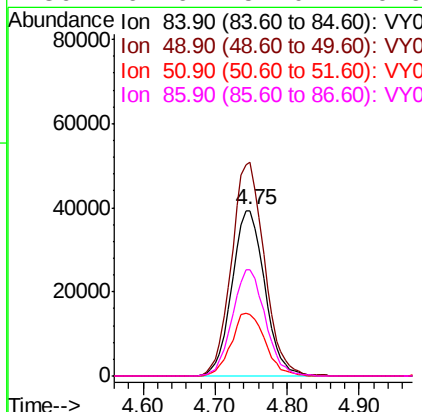
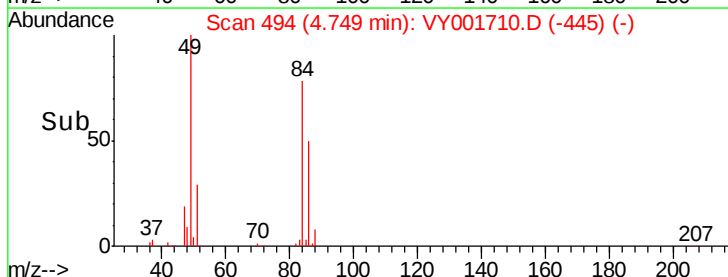
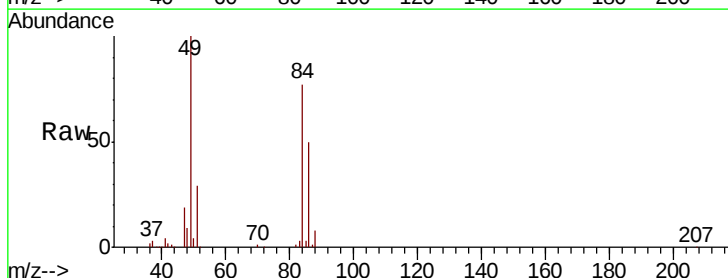
Instrument :
MSVOA_Y
ClientSampled :

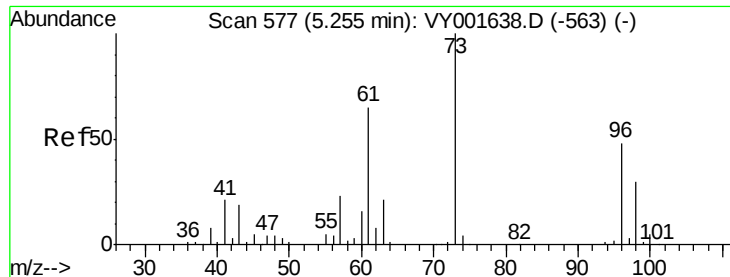
Tot Ion: 73 Resp: 315540
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.6



#20
Methylene Chloride
Concen: 47.129 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 84 Resp: 124667
Ion Ratio Lower Upper
84 100
49 129.2 99.2 148.8
51 37.3 31.5 47.3
86 64.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.632 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

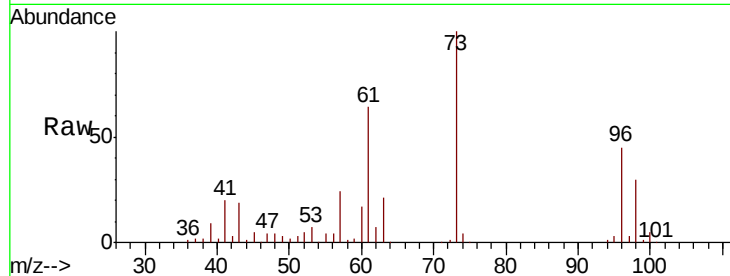
Tot Ion: 96 Resp: 120461

Ion Ratio Lower Upper

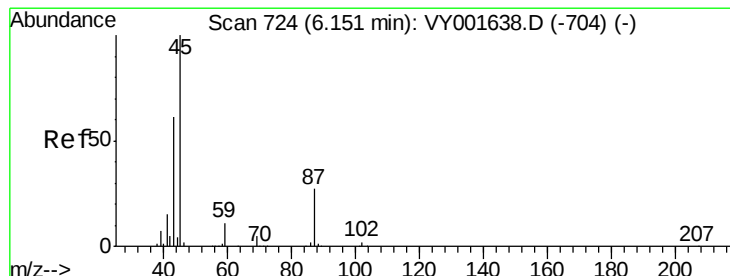
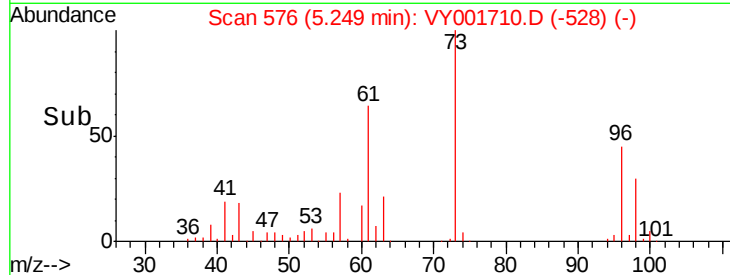
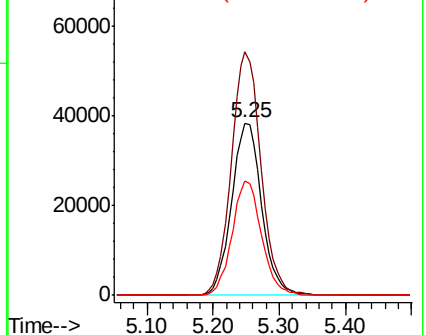
96 100

61 141.4 107.9 161.9

98 66.1 49.8 74.8



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



#22

Diisopropyl ether

Concen: 51.741 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Tgt Ion: 45 Resp: 410558

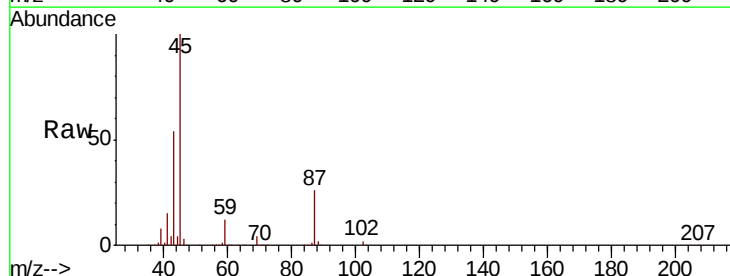
Ion Ratio Lower Upper

45 100

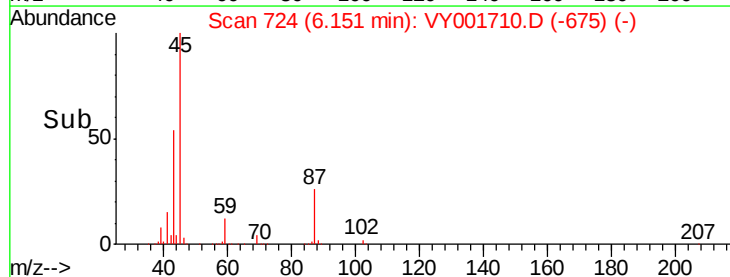
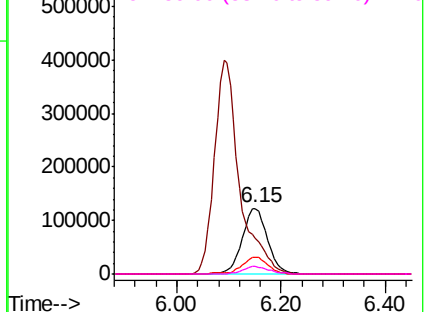
43 54.0 46.4 69.6

87 26.1 22.1 33.1

59 11.7 9.4 14.0



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





#23

Vinyl Acetate

Concen: 259.268 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

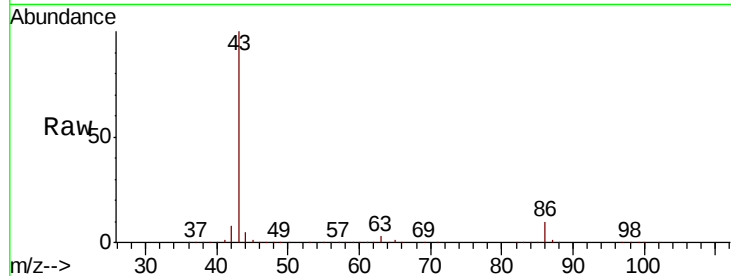
ClientSampleId :

Tot Ion: 43 Resp: 1341931

Ion Ratio Lower Upper

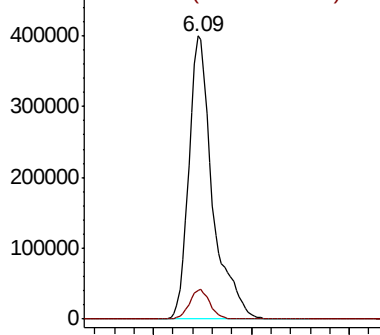
43 100

86 10.3 8.8 13.2

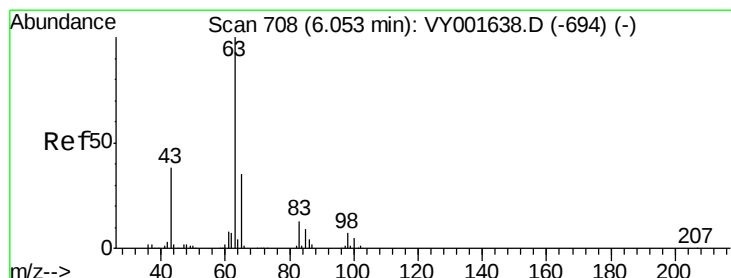
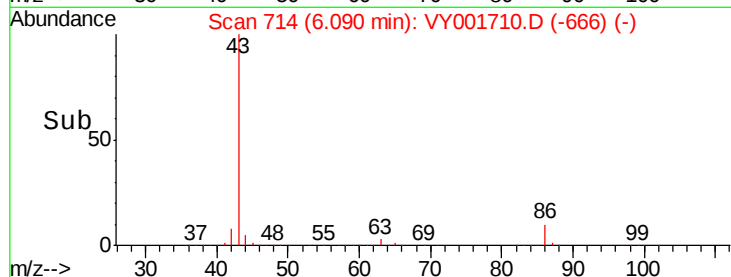


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 51.592 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

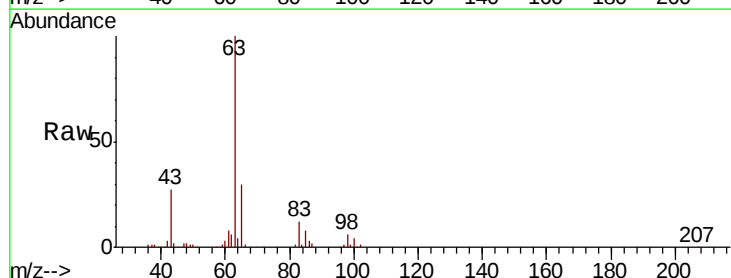
Tgt Ion: 63 Resp: 218800

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

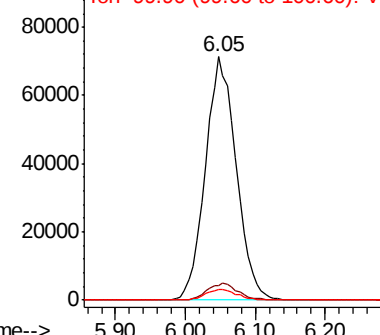
100 4.2 2.3 6.9



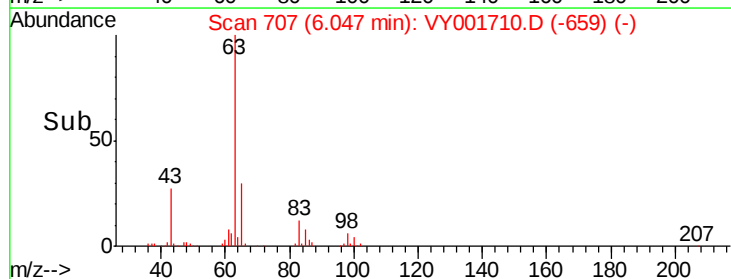
Abundance Ion 62.90 (62.60 to 63.60): VY0

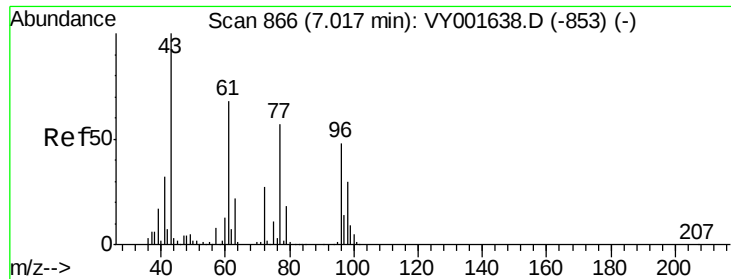
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 236.870 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

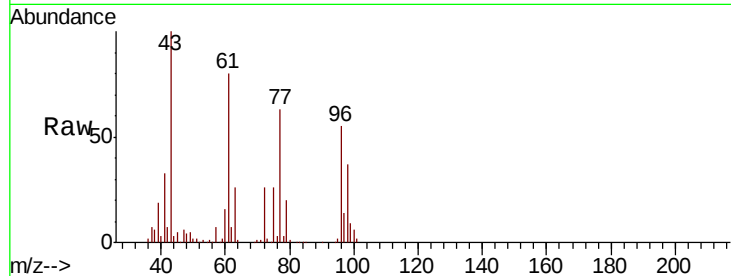
ClientSampleId :

Tot Ion: 43 Resp: 239634

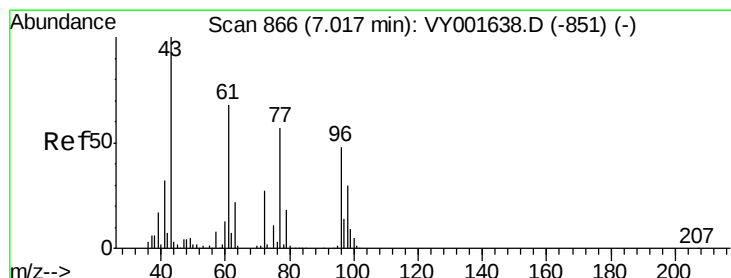
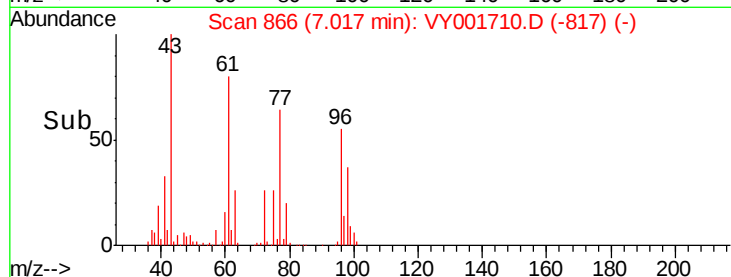
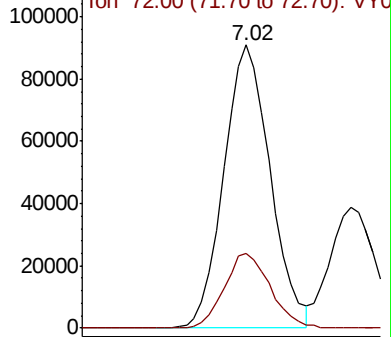
Ion Ratio Lower Upper

43 100

72 26.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY001710.D (-817) (-)



#26

2,2-Dichloropropane

Concen: 48.505 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001710.D

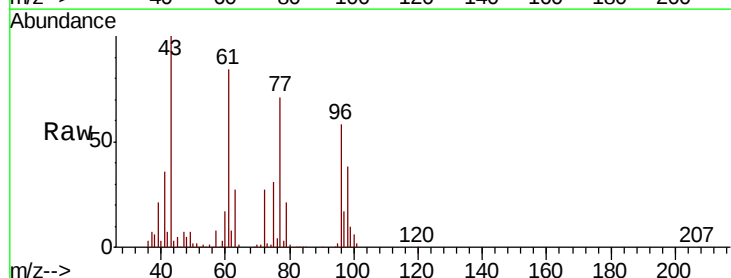
Acq: 19 Feb 2020 19:26

Tgt Ion: 77 Resp: 178972

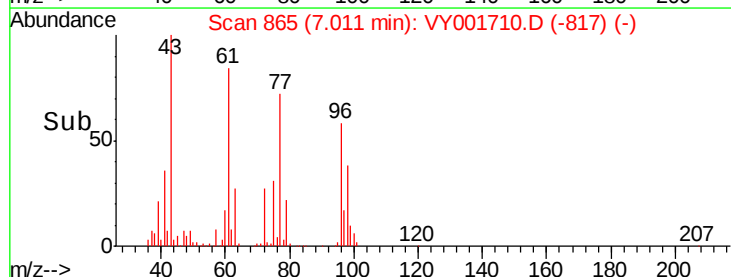
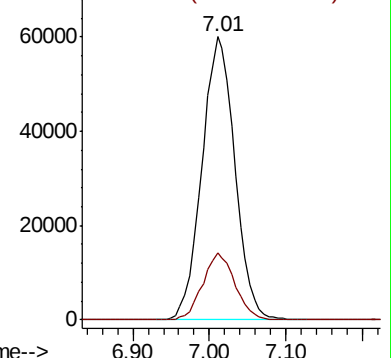
Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY001710.D (-817) (-)



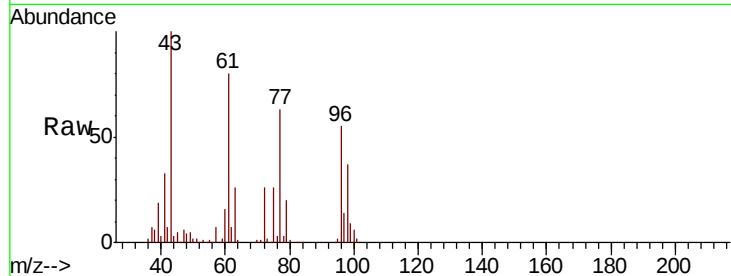


#27

cis-1,2-Dichloroethene
Concen: 49.651 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.8
98	65.7	0.0	128.6

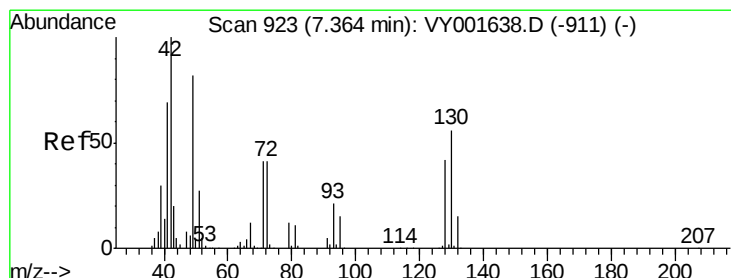
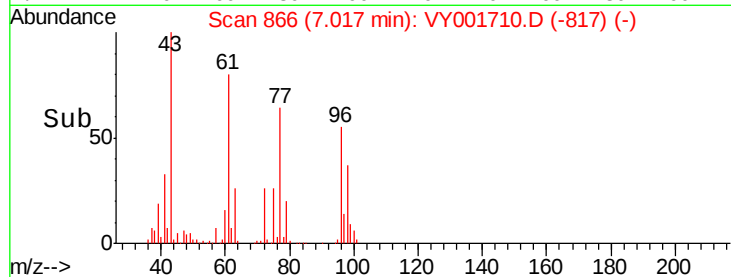
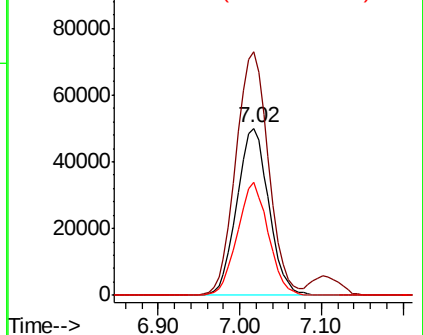


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

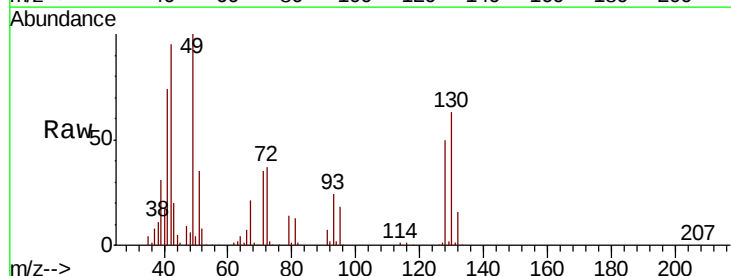
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 57.103 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	69.1	56.2	84.4

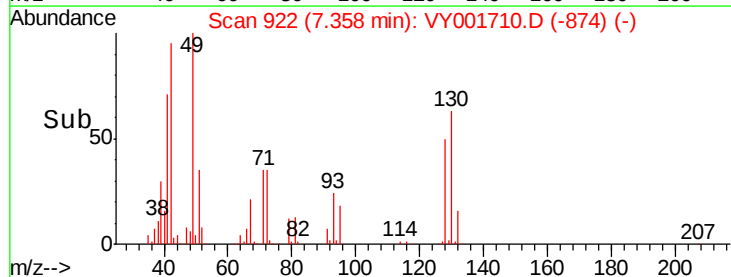
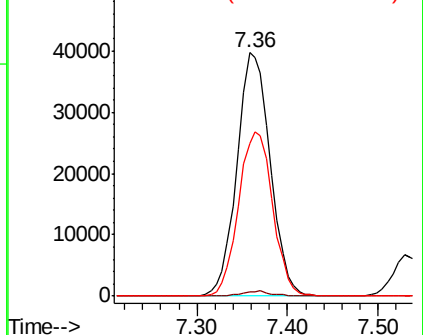


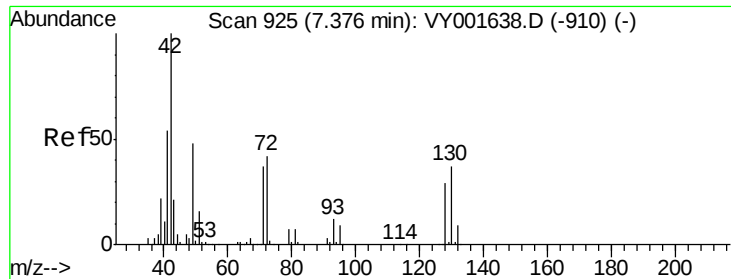
Abundance

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

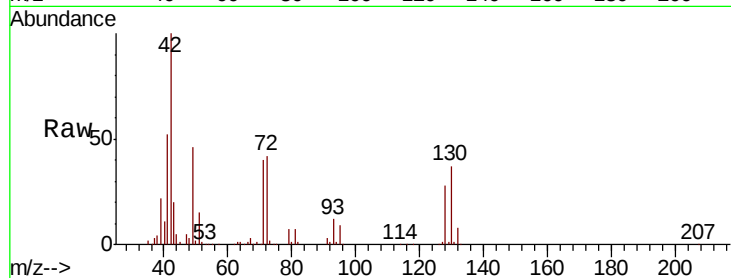




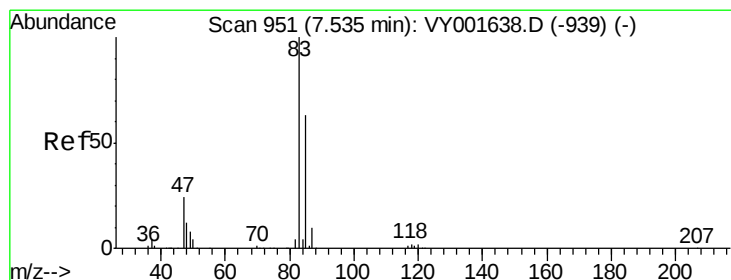
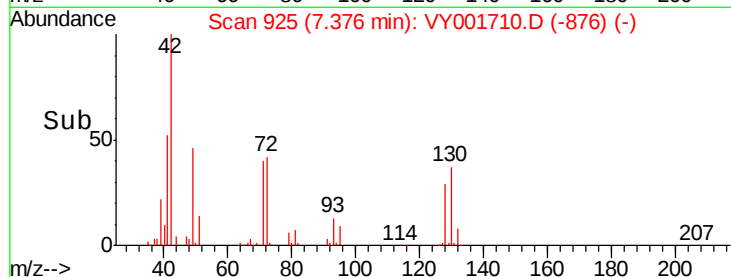
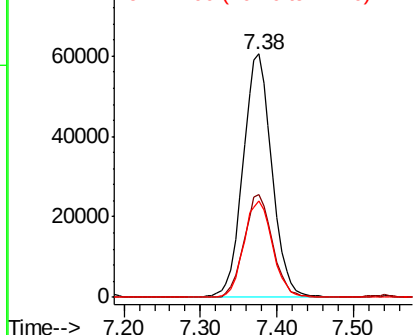
#29
Tetrahydrofuran
Concen: 259.382 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 158605
Ion Ratio Lower Upper
42 100
72 41.6 34.4 51.6
71 39.5 31.8 47.8

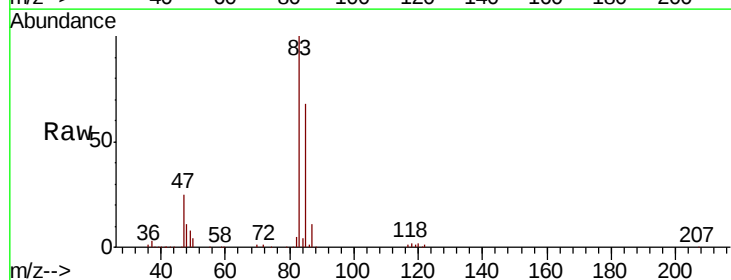


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

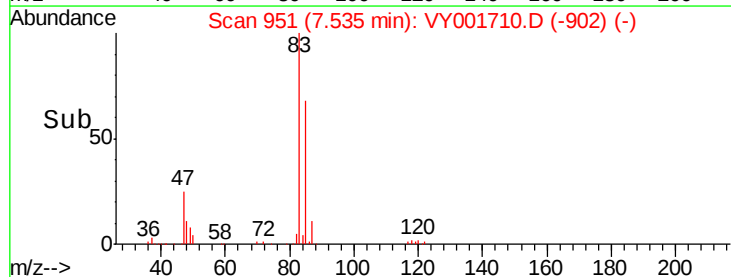
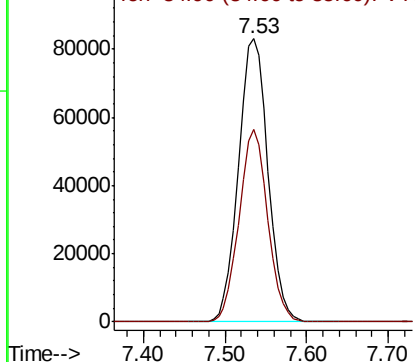


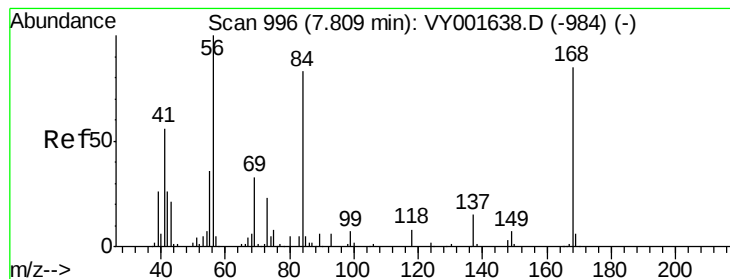
#30
Chloroform
Concen: 50.119 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 83 Resp: 207687
Ion Ratio Lower Upper
83 100
85 67.9 51.6 77.4



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





#31

Cyclohexane

Concen: 47.903 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

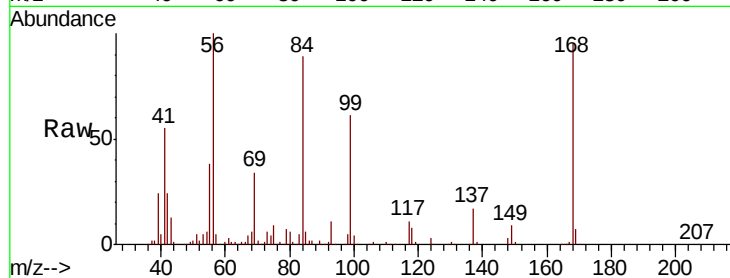
Tot Ion: 56 Resp: 216605

Ion Ratio Lower Upper

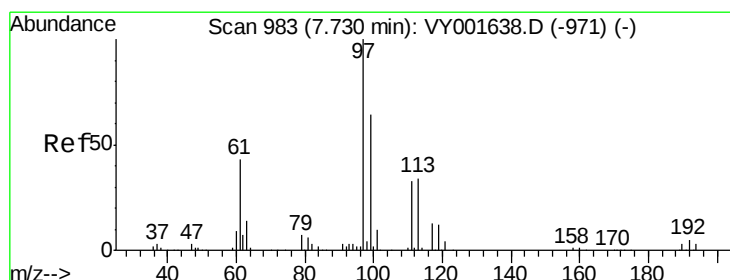
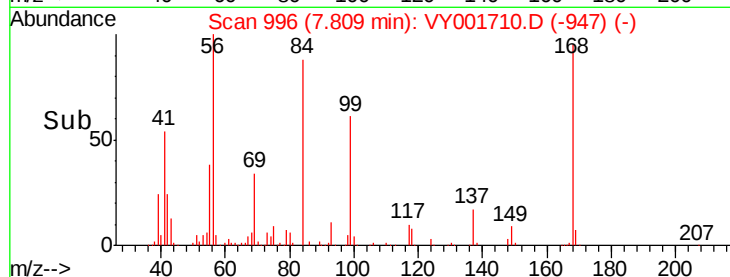
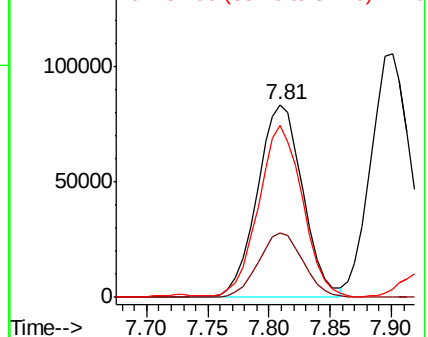
56 100

69 33.6 25.1 37.7

84 88.2 66.9 100.3



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



#32

1,1,1-Trichloroethane

Concen: 51.007 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

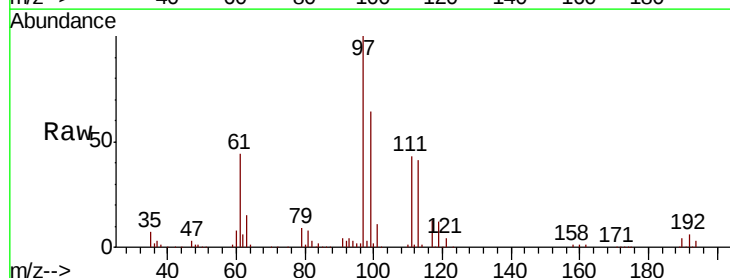
Tgt Ion: 97 Resp: 177649

Ion Ratio Lower Upper

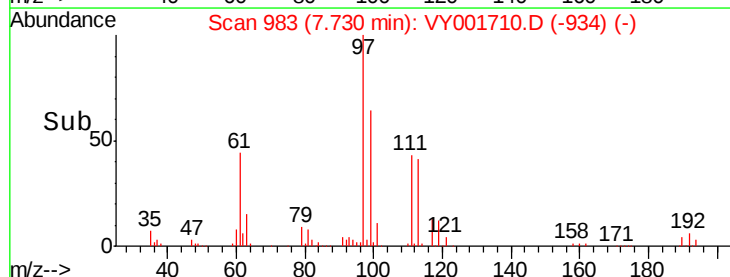
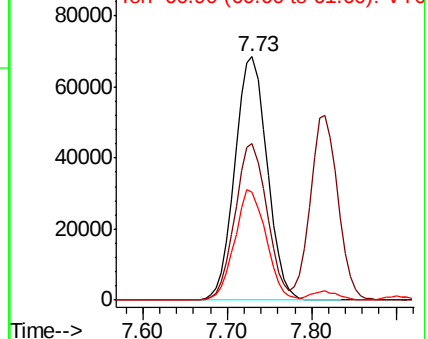
97 100

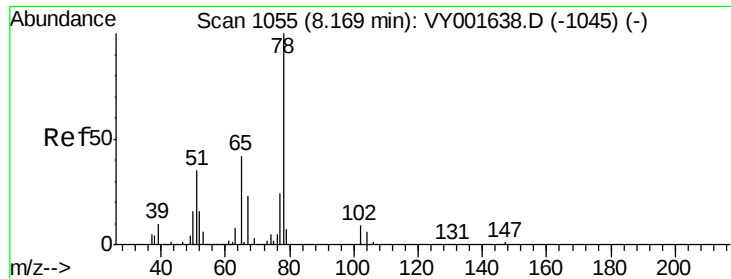
99 63.7 51.2 76.8

61 44.2 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

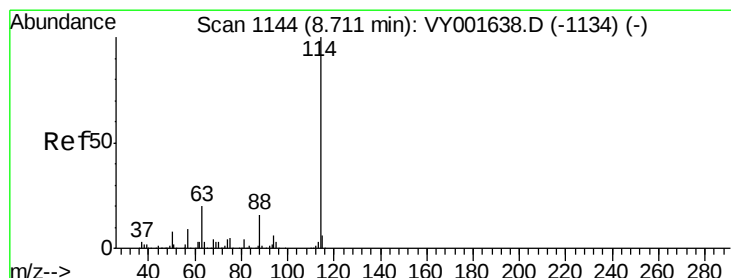
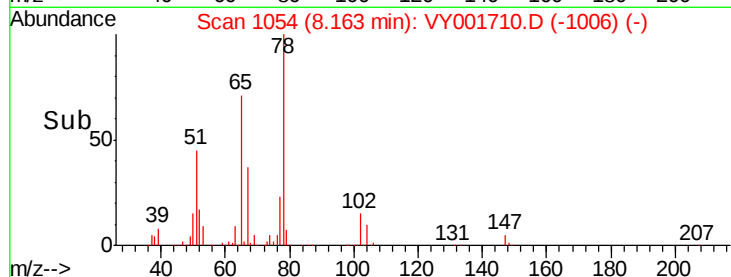
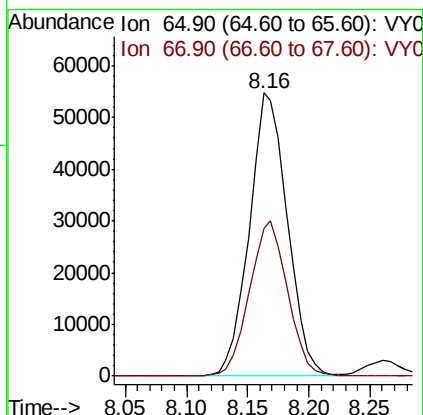
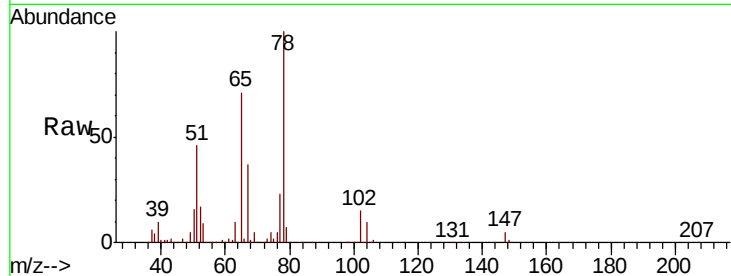




#33
 1,2-Dichloroethane-d4
 Concen: 55.052 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

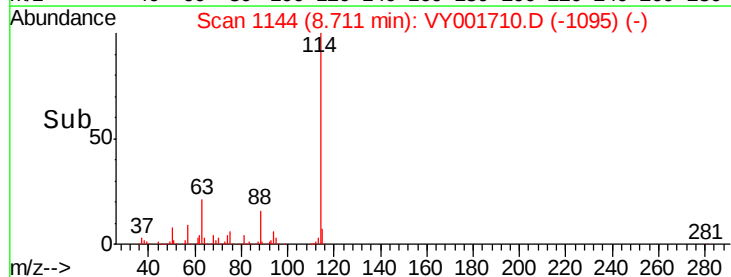
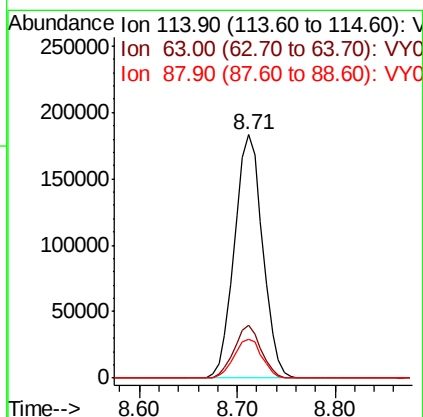
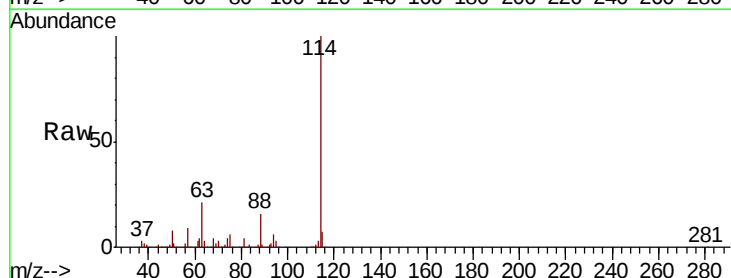
Instrument :
 MSVOA_Y
 ClientSampleId :

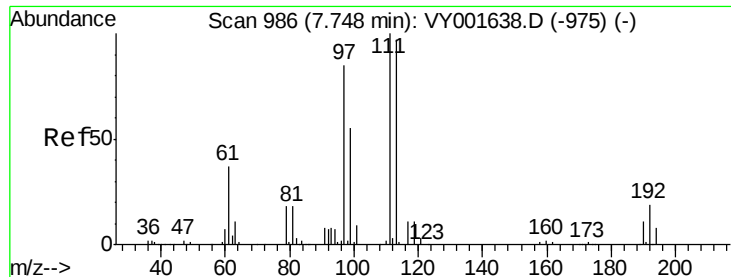
Tot Ion: 65 Resp: 118488
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 114 Resp: 365793
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.9 0.0 32.8

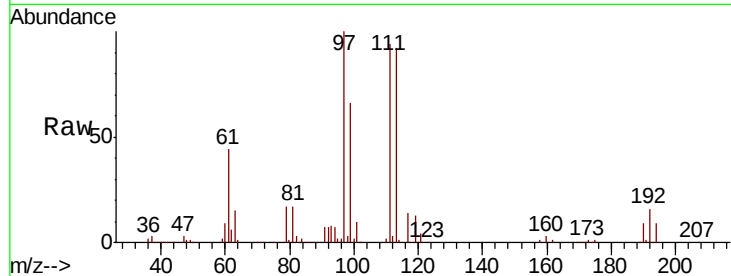




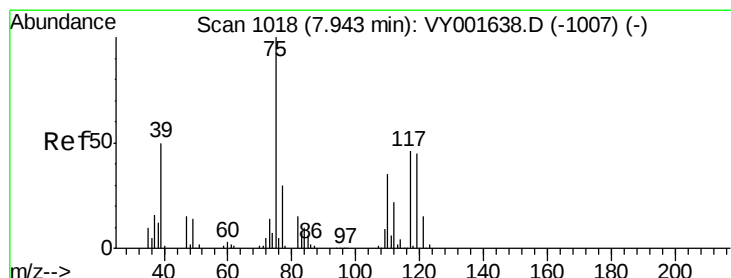
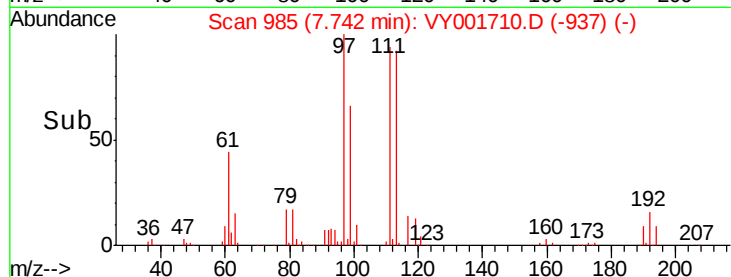
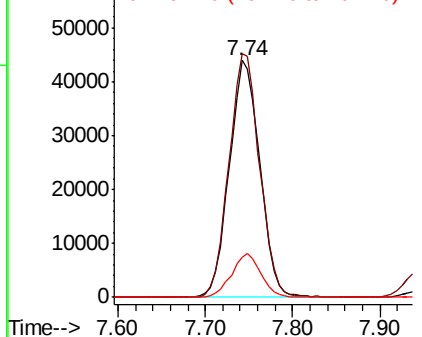
#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 106499
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 17.8 14.3 21.5

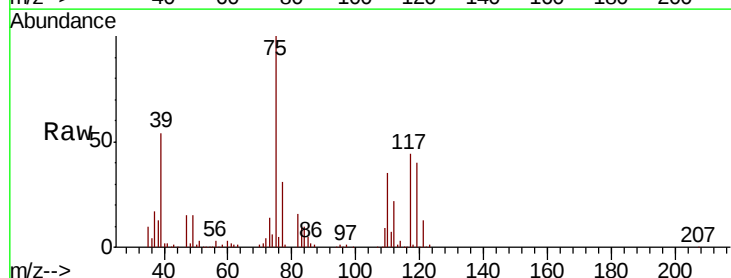


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

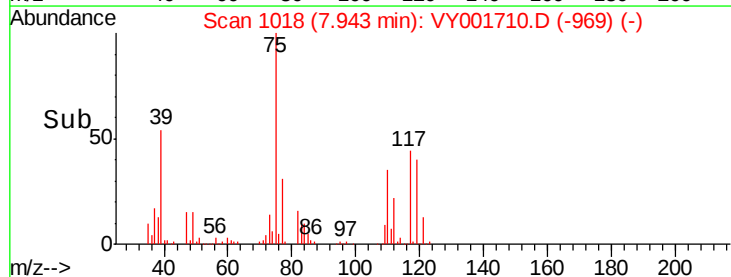
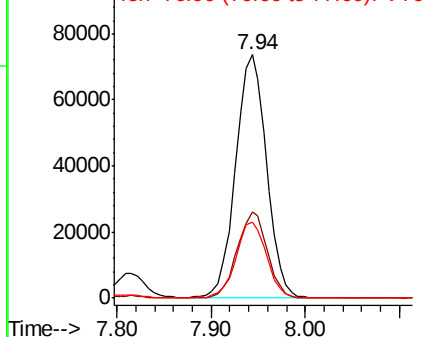


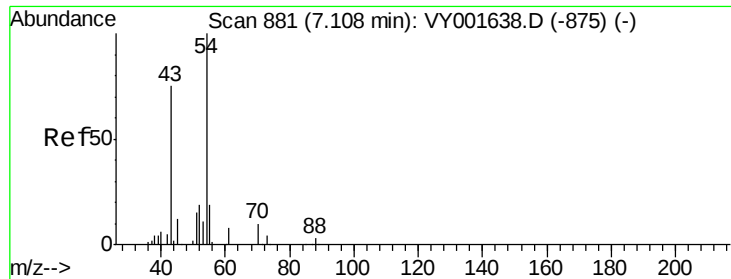
#36
 1,1-Dichloropropene
 Concen: 48.340 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 75 Resp: 168902
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.2 51.6
 77 31.2 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

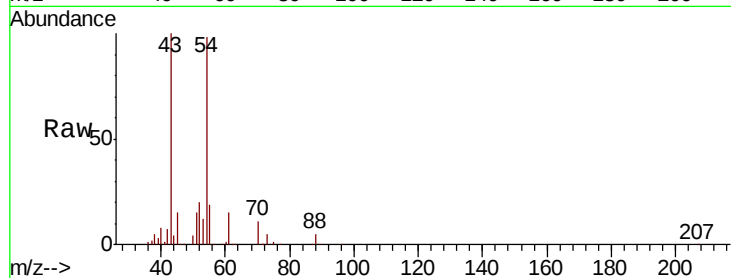




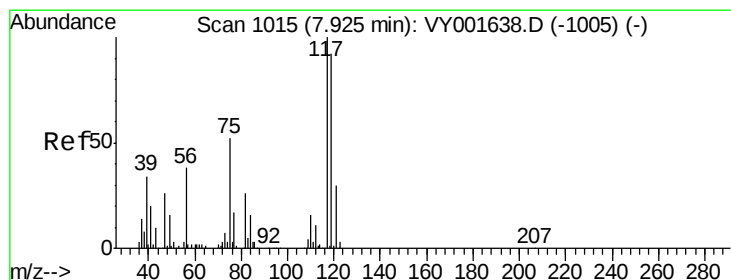
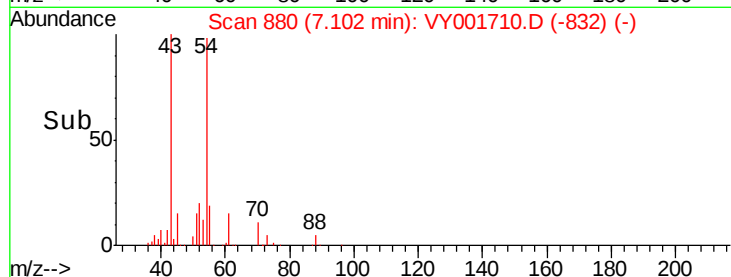
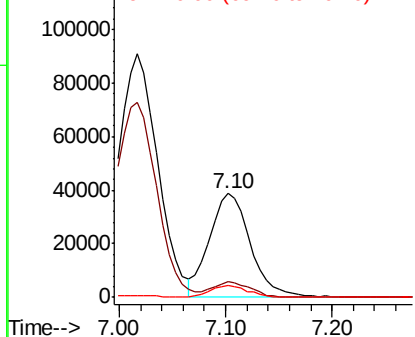
#37
Ethyl Acetate
Concen: 49.350 ug/l
RT: 7.10 min Scan# 880
Delta R.T. -0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 102915
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.6
70 10.7 8.8 13.2

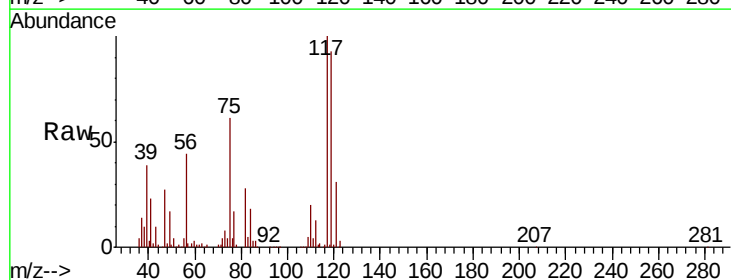


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

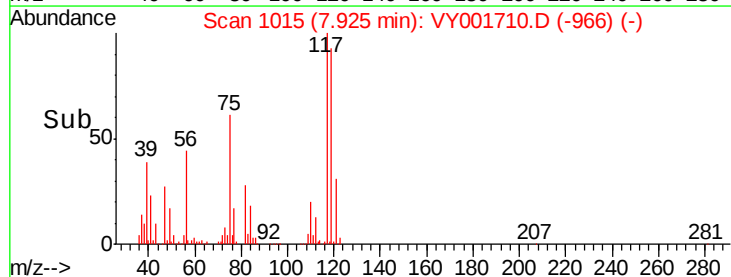
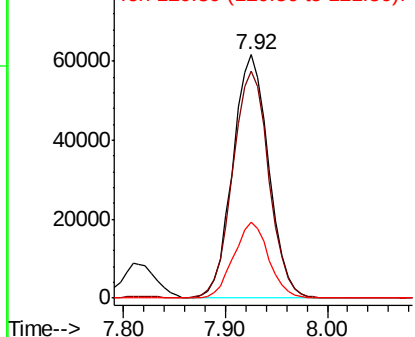


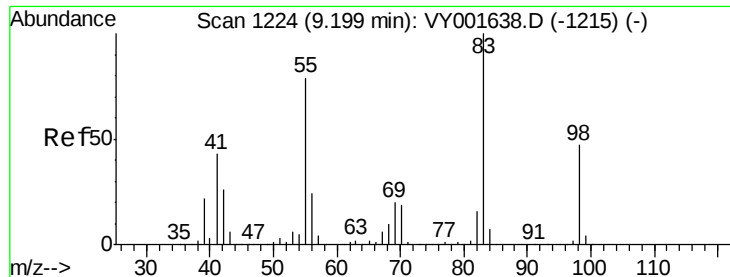
#38
Carbon Tetrachloride
Concen: 48.877 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 117 Resp: 150003
Ion Ratio Lower Upper
117 100
119 93.3 74.8 112.2
121 31.0 23.8 35.6



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

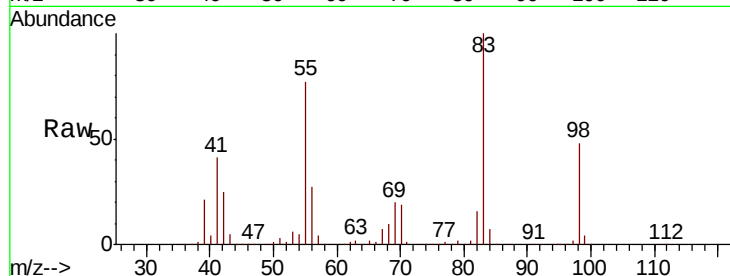




#39
Methvlcvclohexane
Concen: 47.947 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	83	Resp	222253
Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.3	91.9
98	48.3	38.0	57.0

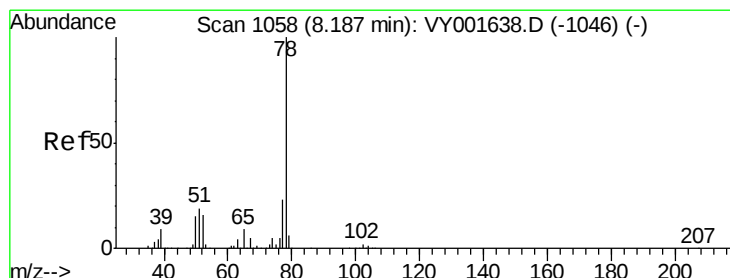
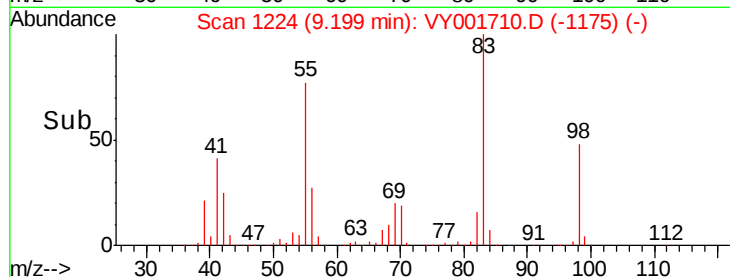
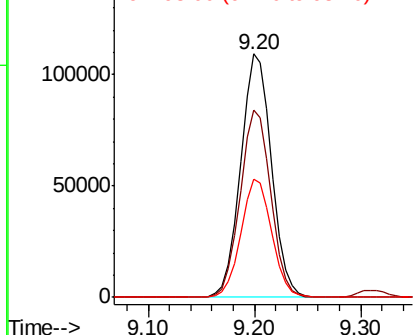


Abundance

Ion 83.00 (82.70 to 83.70): VY0

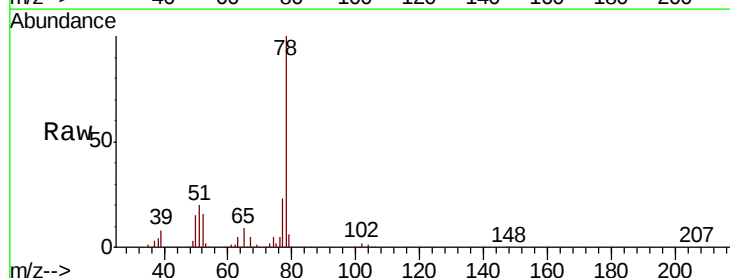
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 49.225 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

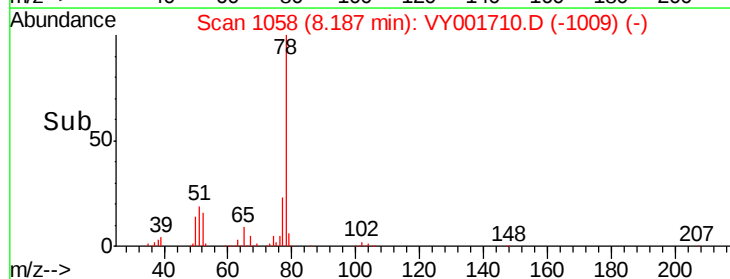
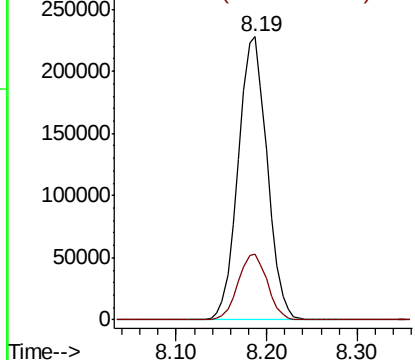
Tgt Ion	78	Resp	505839
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.4

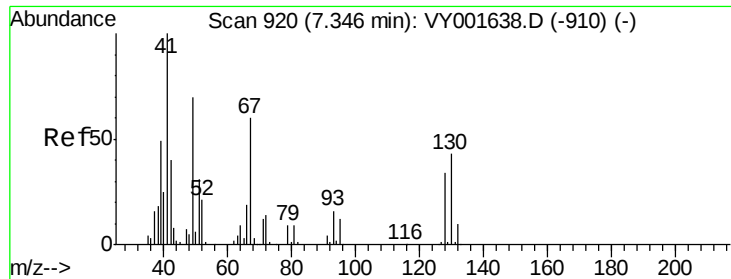


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

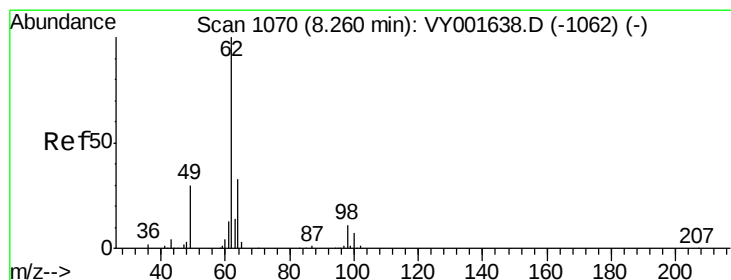
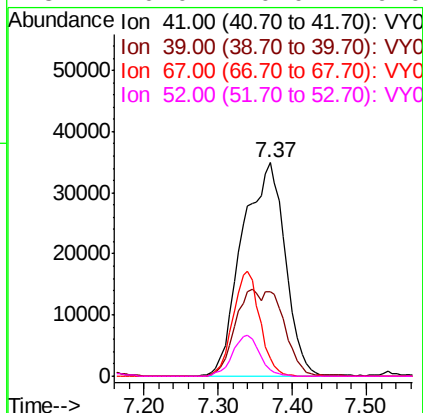
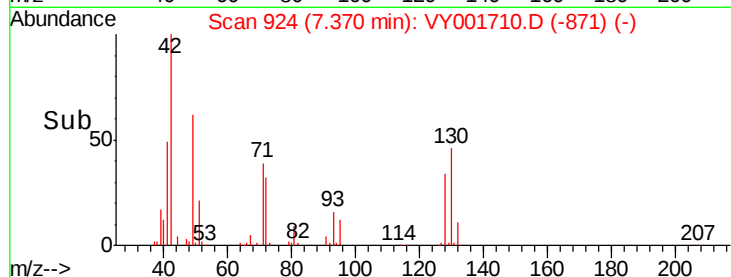
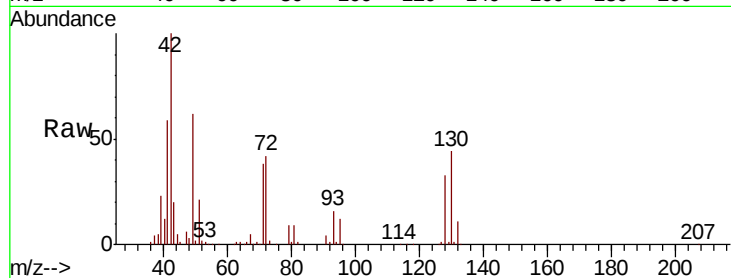




#41
Methacrylonitrile
Concen: 135.316 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.03 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

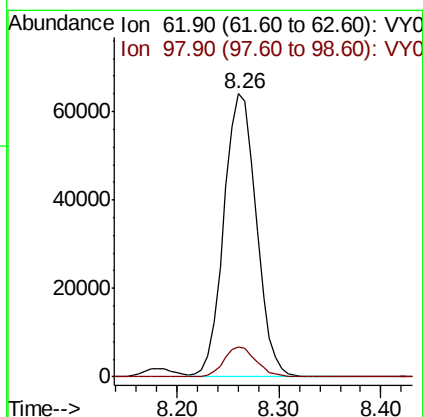
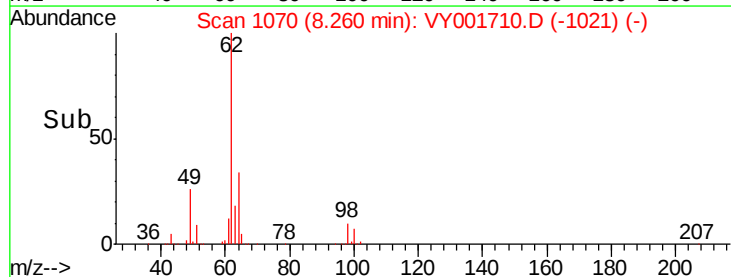
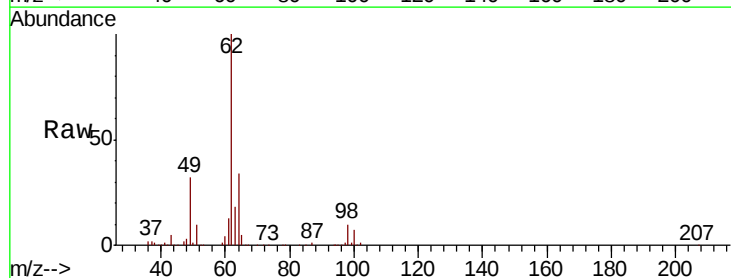
Instrument :
MSVOA_Y
ClientSampled :

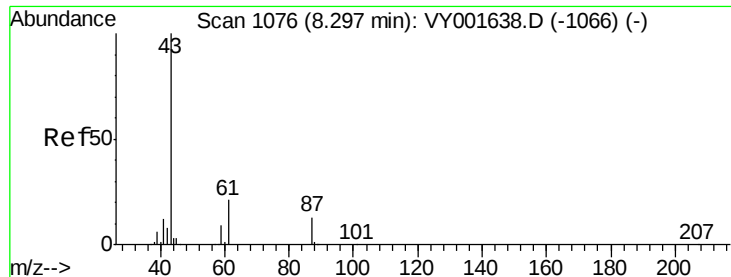
Tot Ion	41	Resp	141690
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.408 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	62	Resp	141119
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



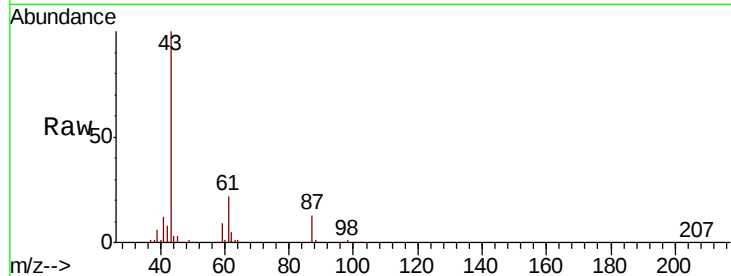


#43

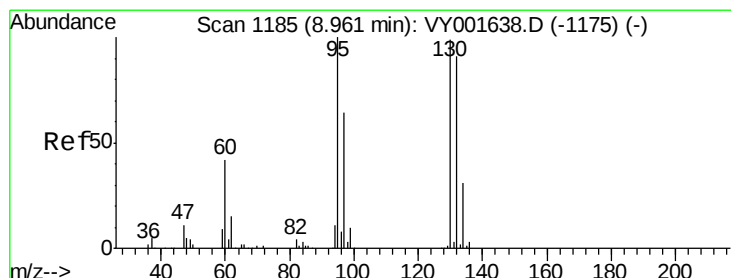
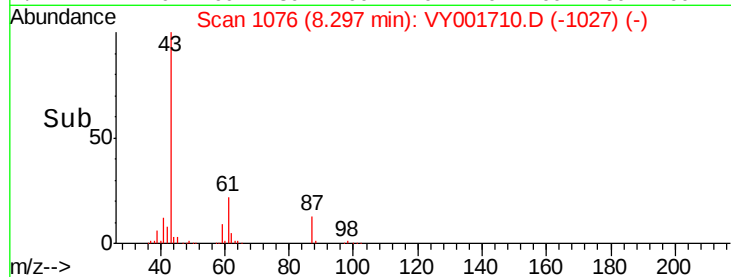
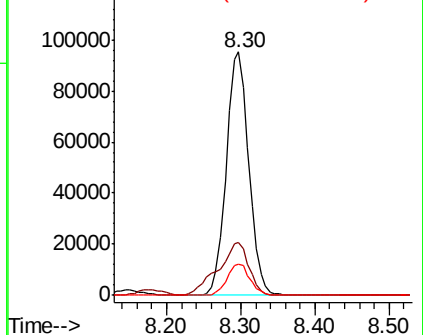
Isopropyl Acetate
 Concen: 50.775 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.4
87	13.1	10.7	16.1



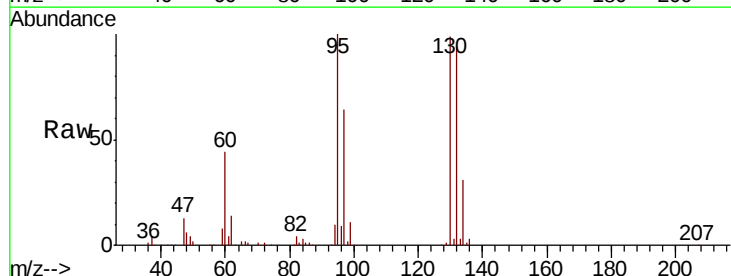
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



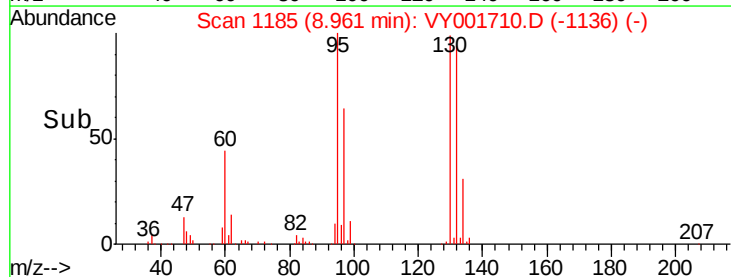
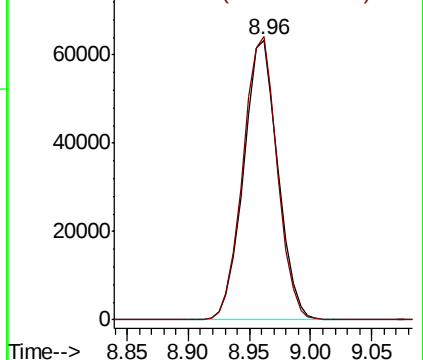
#44

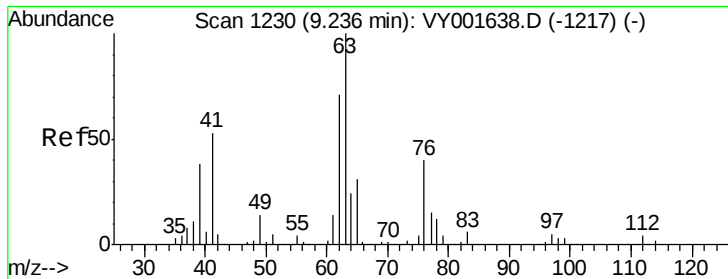
Trichloroethene
 Concen: 48.154 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	200.6



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

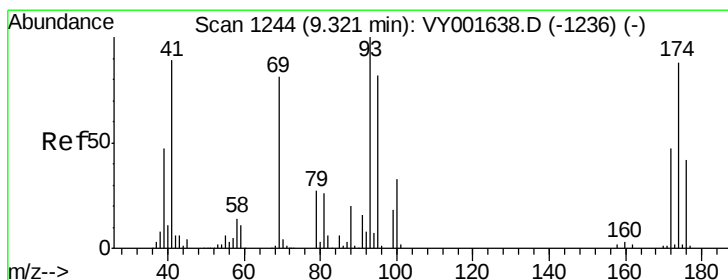
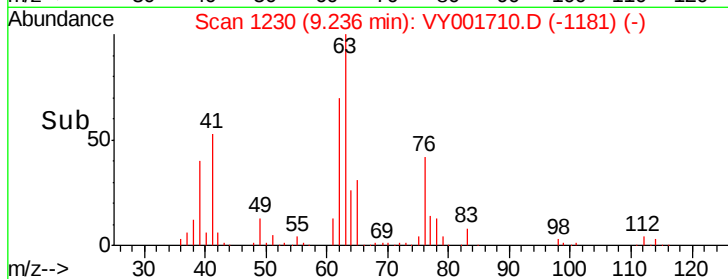
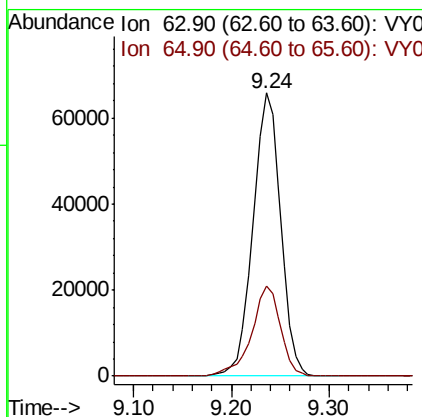
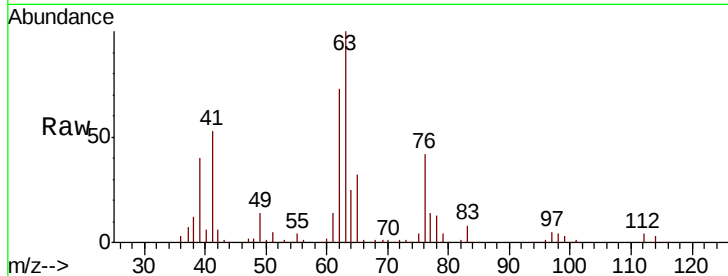




#45
 1,2-Dichloropropane
 Concen: 50.416 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

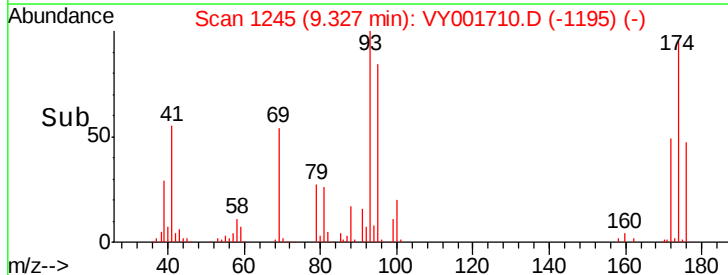
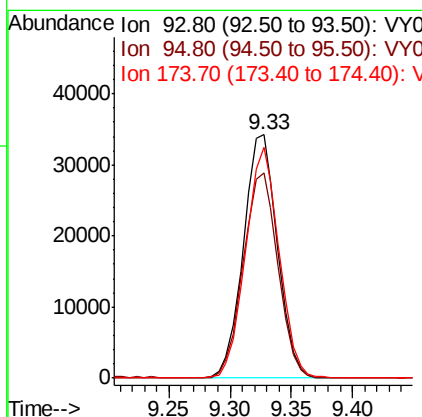
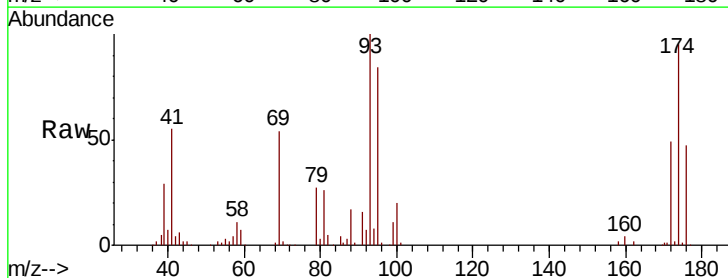
Instrument :
 MSVOA_Y
 ClientSampleId :

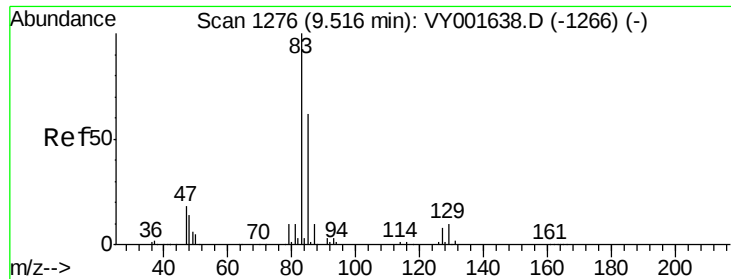
Tot Ion: 63 Resp: 129747
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0



#46
 Dibromomethane
 Concen: 49.250 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 93 Resp: 66294
 Ion Ratio Lower Upper
 93 100
 95 85.9 66.1 99.1
 174 93.1 72.5 108.7

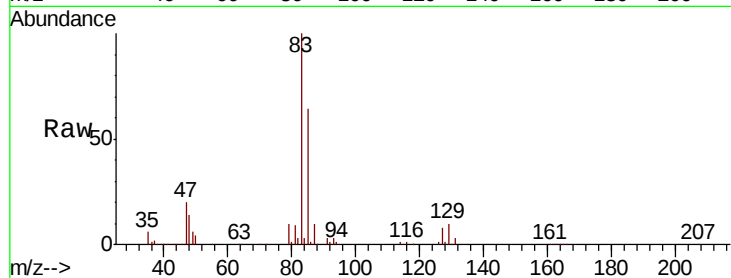




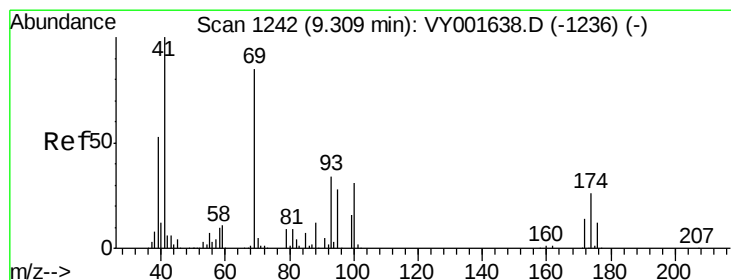
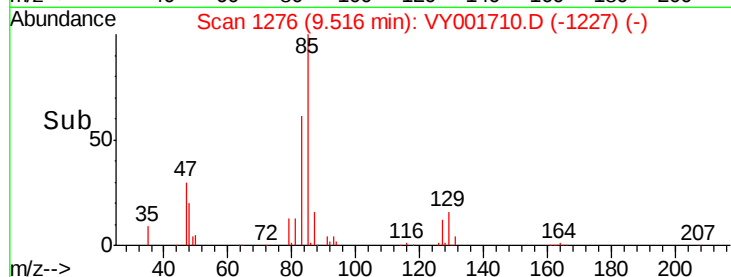
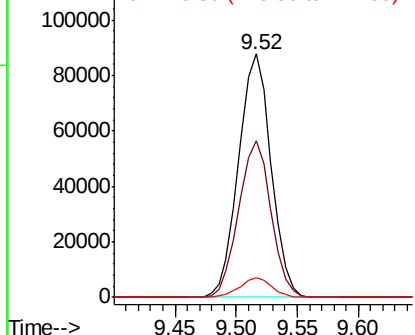
#47
Bromodichloromethane
Concen: 49.858 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 161974
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 8.0 6.4 9.6

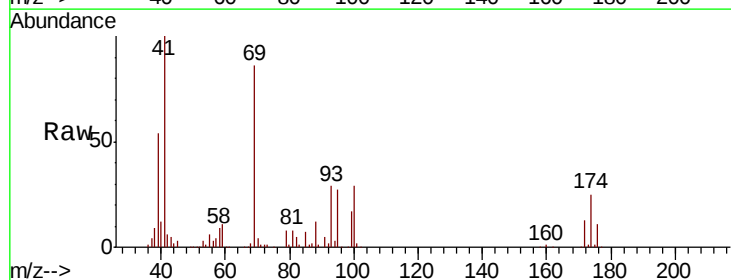


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

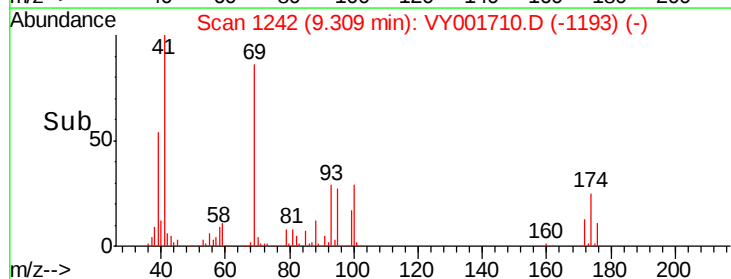
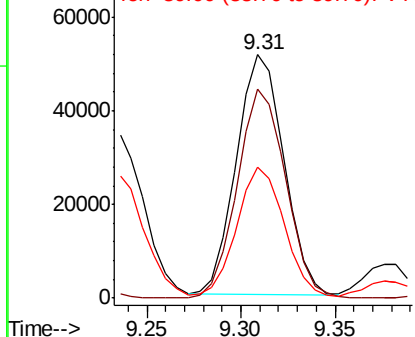


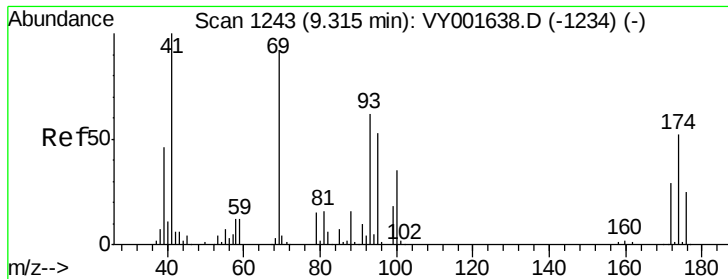
#48
Methyl methacrylate
Concen: 50.163 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 41 Resp: 89766
Ion Ratio Lower Upper
41 100
69 88.9 70.7 106.1
39 55.4 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

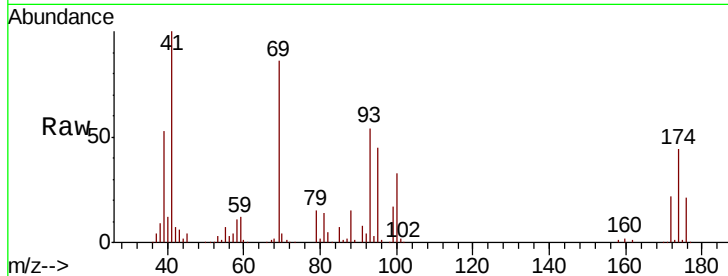




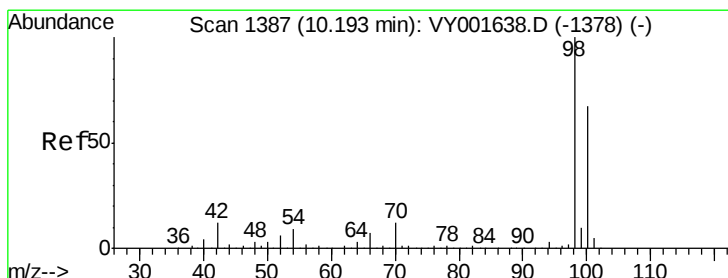
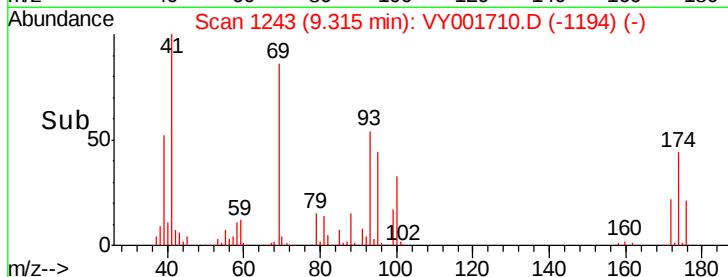
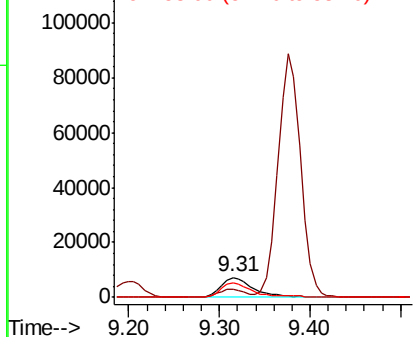
#49
 1,4-Dioxane
 Concen: 966.242 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 18370
 Ion Ratio Lower Upper
 88 100
 43 33.0 23.1 34.7
 58 72.5 58.1 87.1

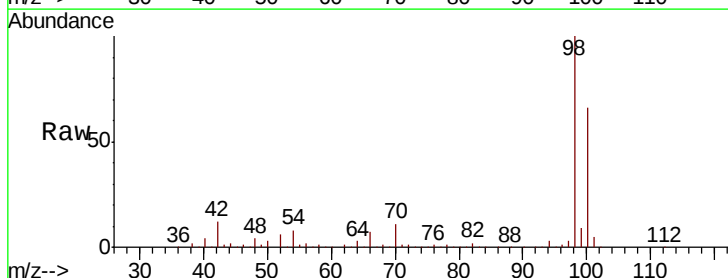


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

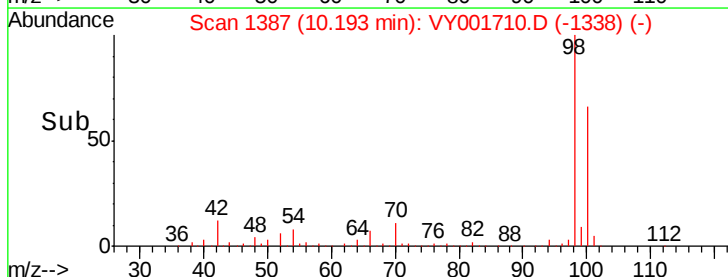
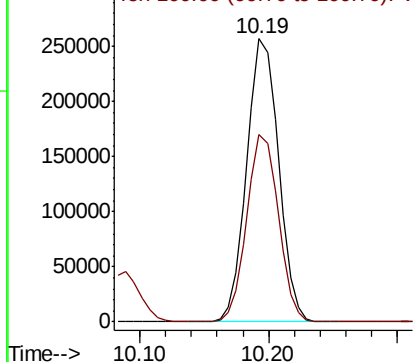


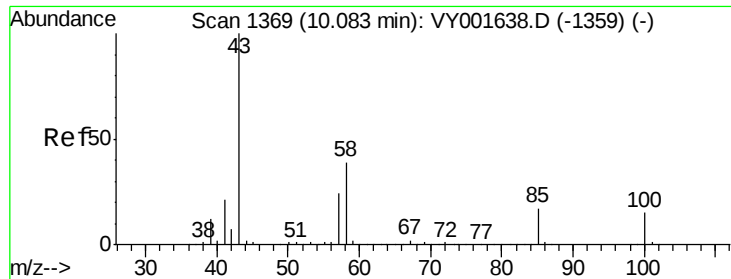
#50
 Toluene-d8
 Concen: 53.632 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 98 Resp: 440208
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 251.221 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

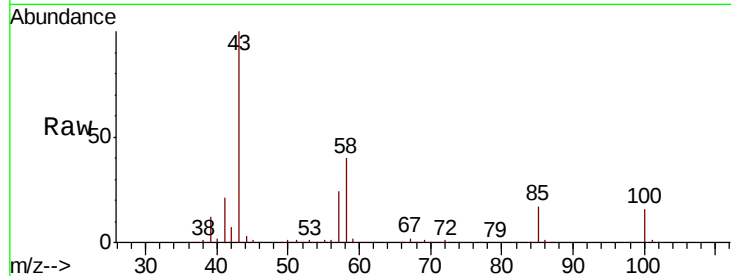
ClientSampleId :

Tot Ion: 43 Resp: 510723

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VY001710.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001710.D (-1370) (-)

10.09

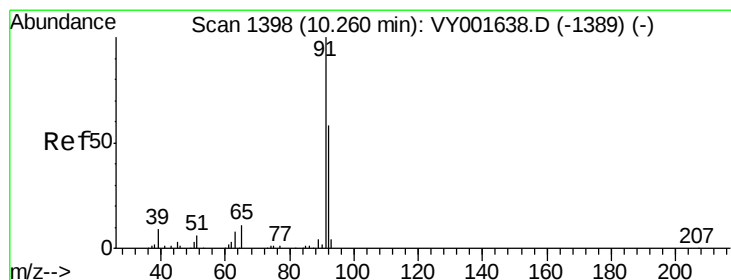
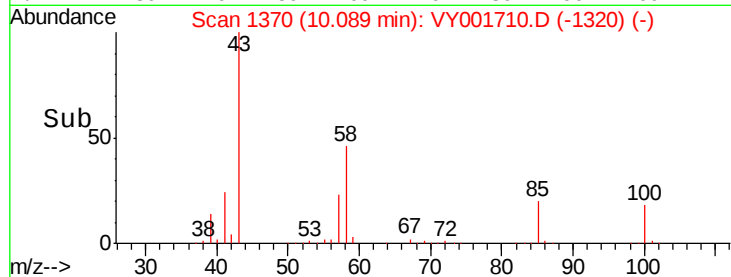
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.523 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. -0.00 min

Lab File: VY001710.D

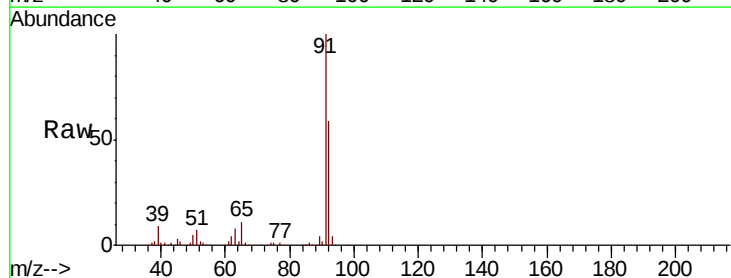
Acq: 19 Feb 2020 19:26

Tgt Ion: 92 Resp: 317443

Ion Ratio Lower Upper

92 100

91 170.8 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VY001710.D (-1349) (-)

Ion 91.00 (90.70 to 91.70): VY001710.D (-1349) (-)

10.26

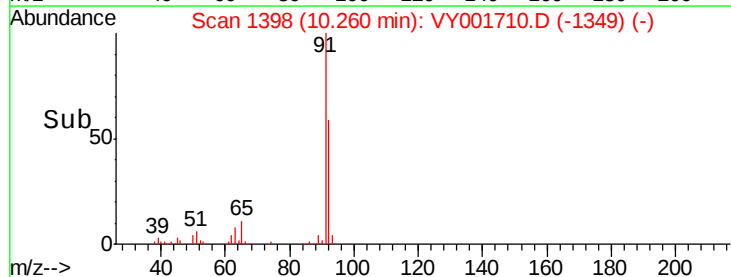
300000

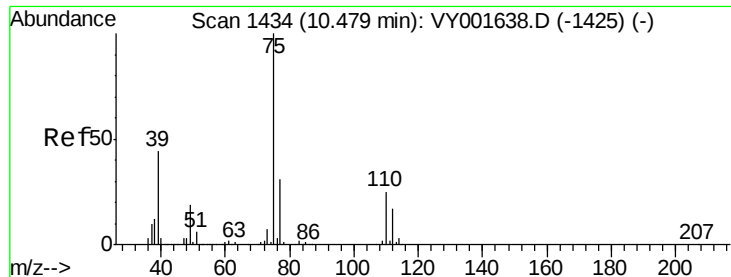
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.596 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

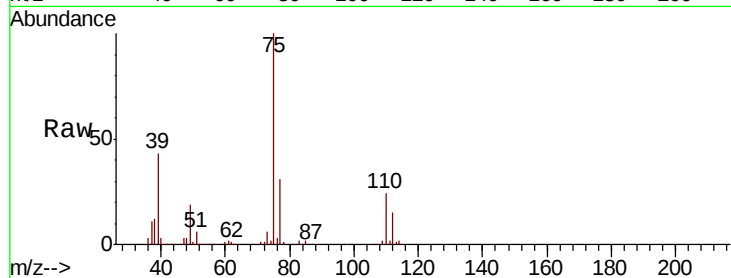
ClientSampleId :

Tot Ion: 75 Resp: 181712

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

120000

100000

80000

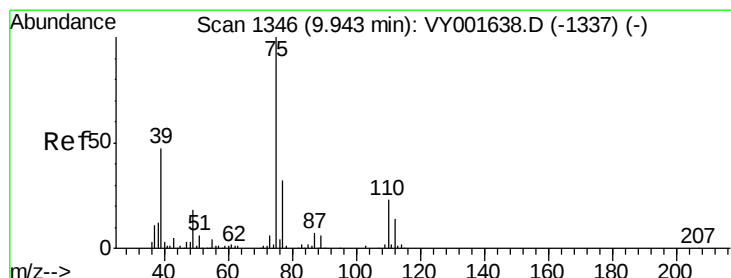
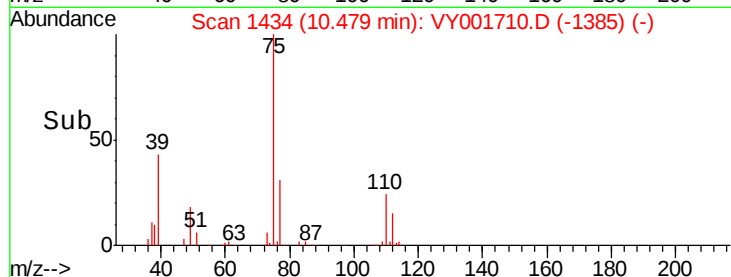
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.740 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

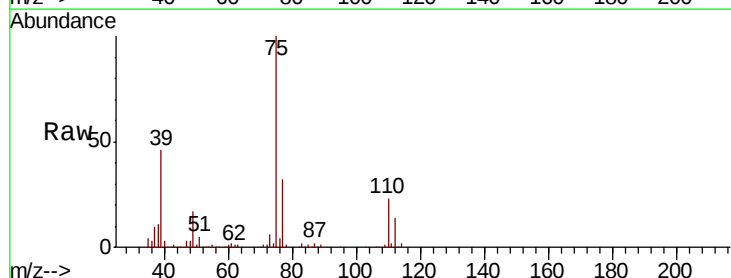
Tgt Ion: 75 Resp: 205603

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 45.5 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

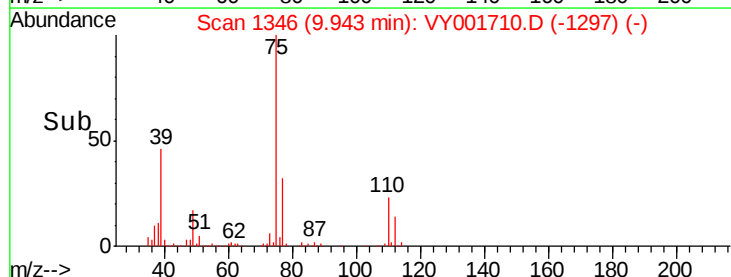
150000

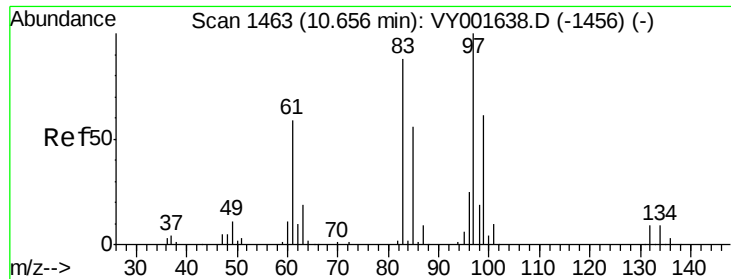
100000

50000

0

Time-->

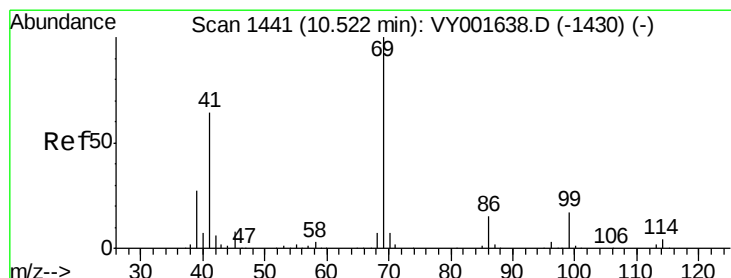
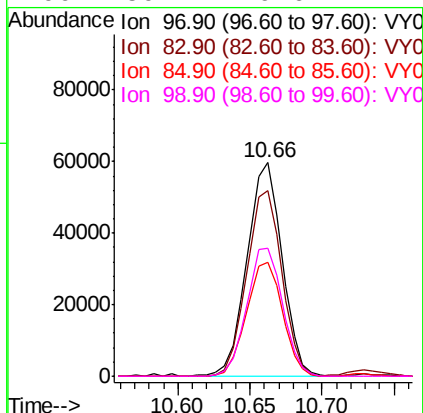
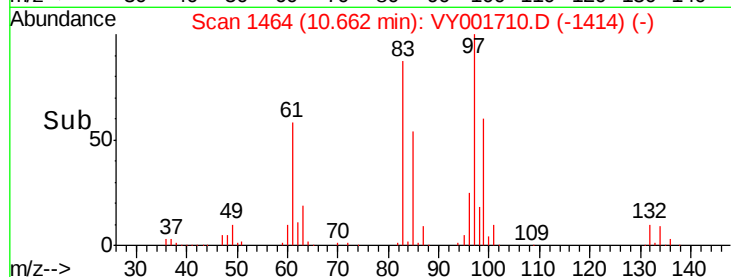
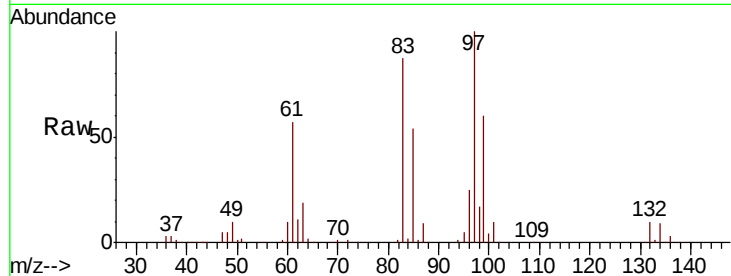




#55
 1,1,2-Trichloroethane
 Concen: 50.404 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

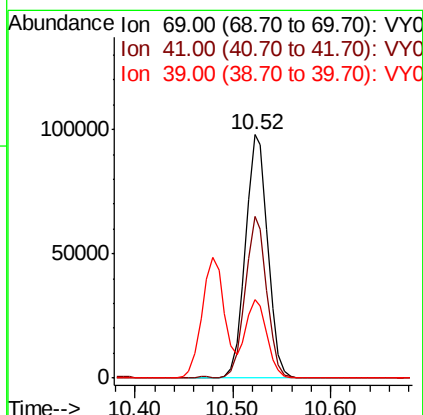
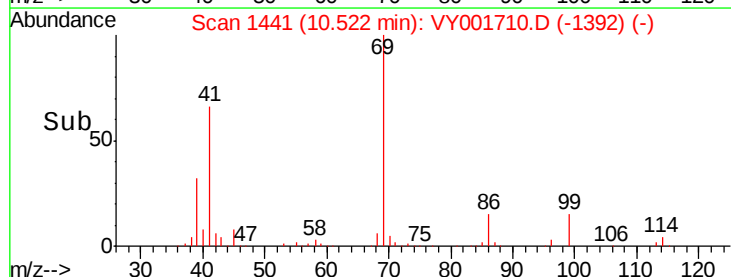
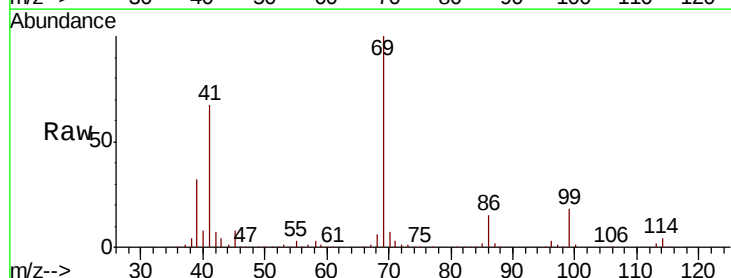
Instrument :
 MSVOA_Y
 ClientSampleId :

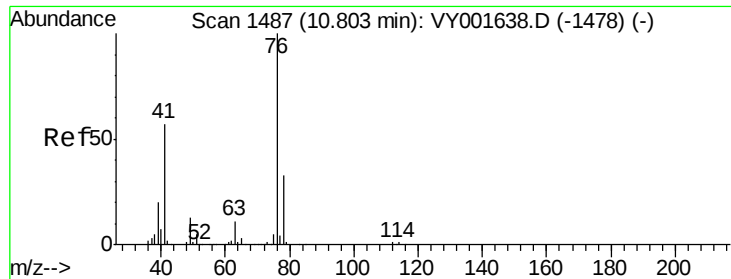
Tot Ion: 97 Resp: 100043
 Ion Ratio Lower Upper
 97 100
 83 87.1 69.7 104.5
 85 53.7 44.5 66.7
 99 59.7 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 51.671 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 69 Resp: 153854
 Ion Ratio Lower Upper
 69 100
 41 64.1 51.0 76.4
 39 30.8 24.7 37.1

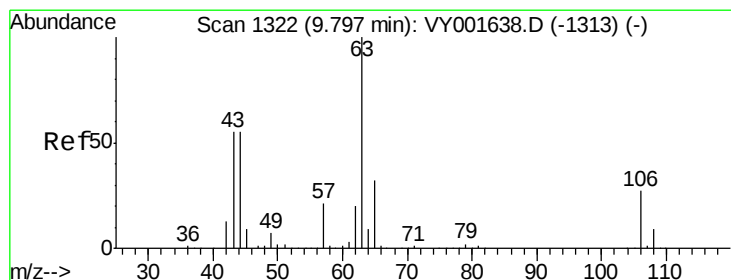
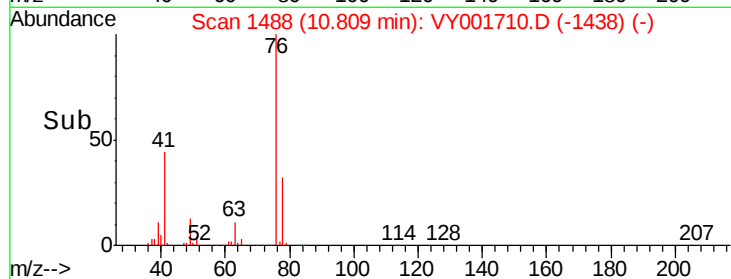
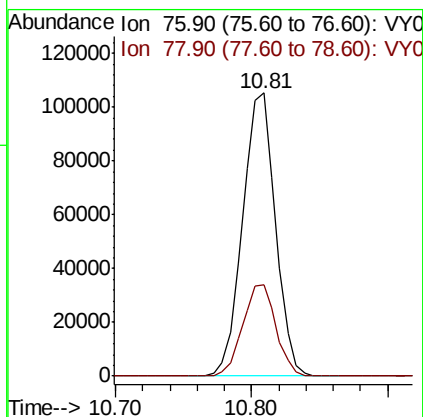
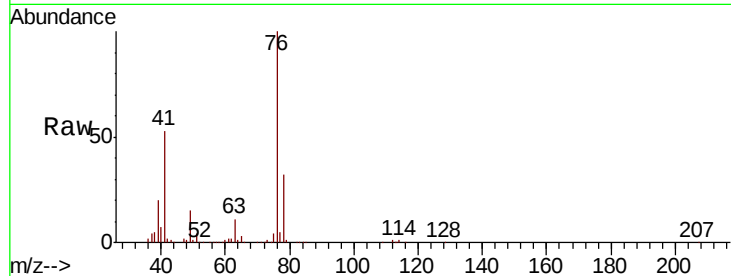




#57
 1,3-Dichloropropane
 Concen: 50.407 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

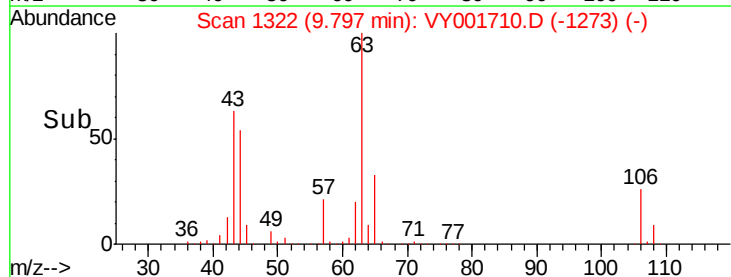
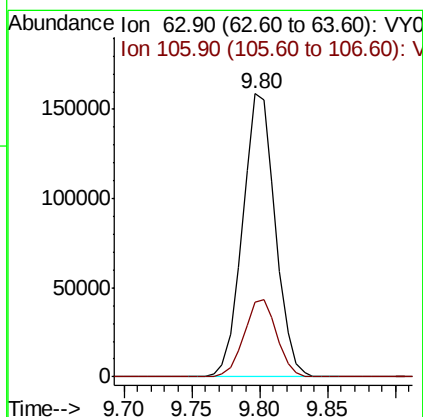
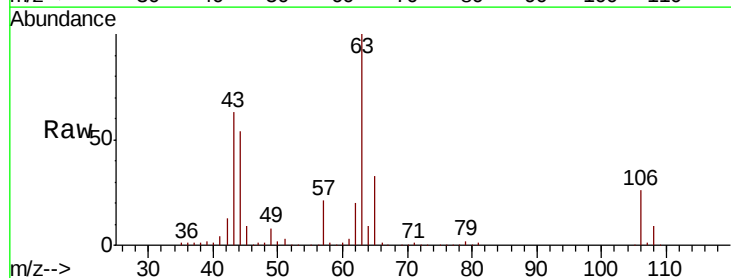
Instrument :
 MSVOA_Y
 ClientSampled :

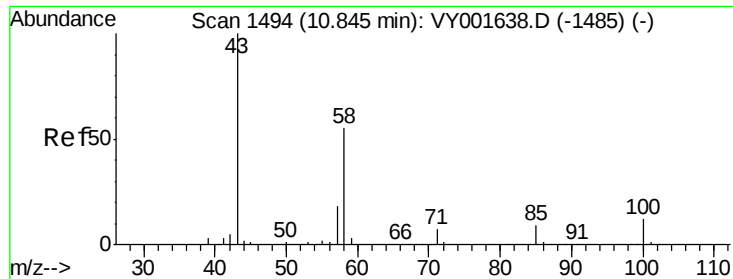
Tot Ion: 76 Resp: 177768
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.637 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 63 Resp: 266132
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.6 32.4

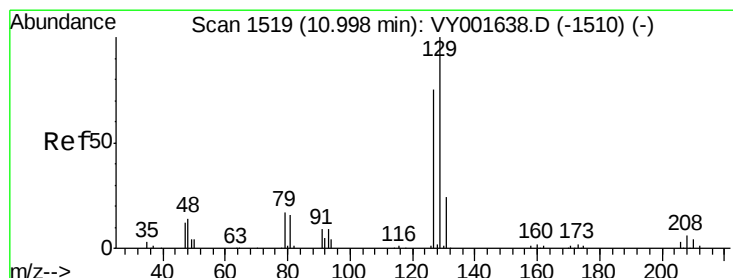
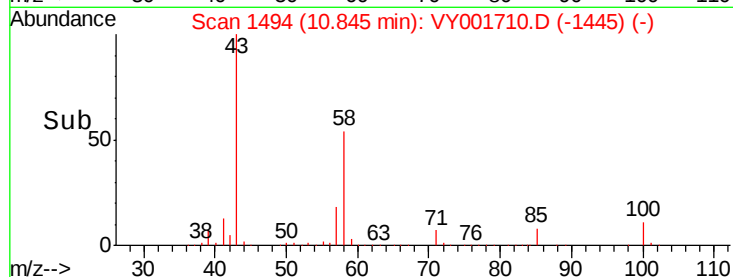
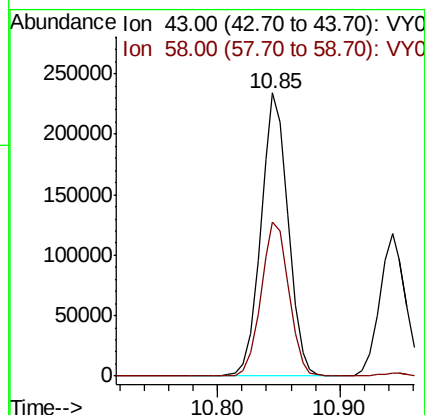
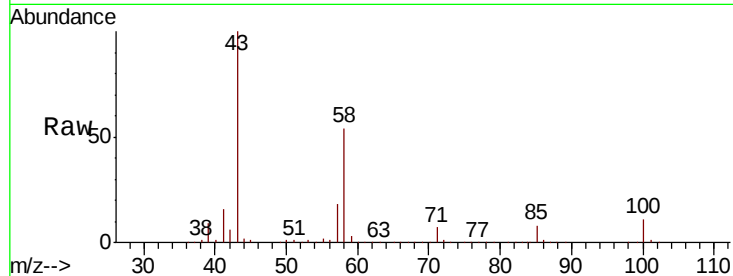




#59
2-Hexanone
Concen: 237.315 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

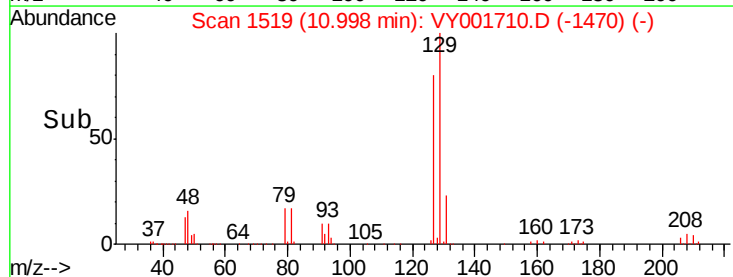
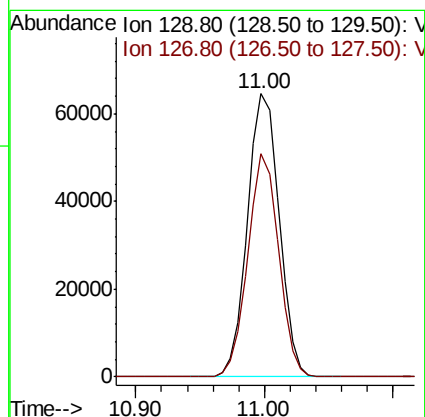
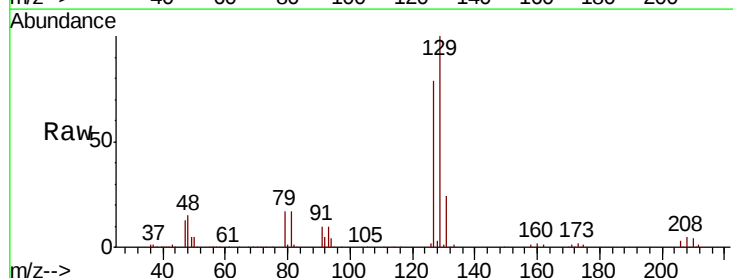
Instrument :
MSVOA_Y
ClientSampled :

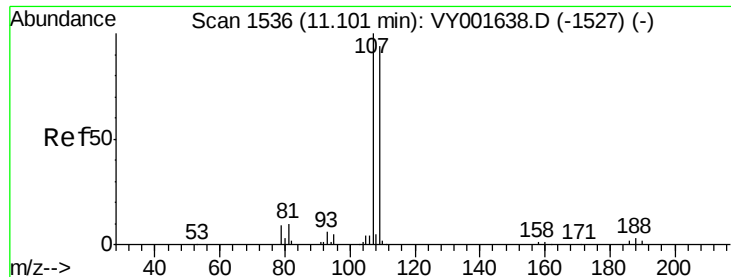
Tot Ion: 43 Resp: 361992
Ion Ratio Lower Upper
43 100
58 55.6 28.4 85.2



#60
Dibromochloromethane
Concen: 50.182 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 129 Resp: 109812
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6

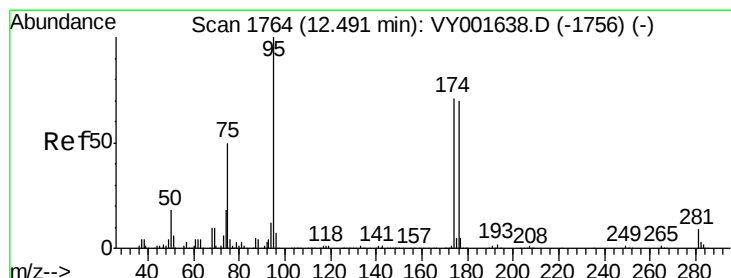
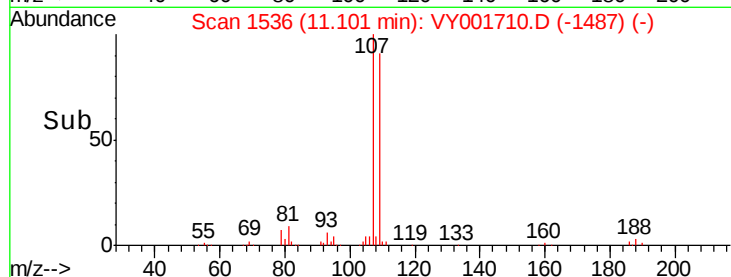
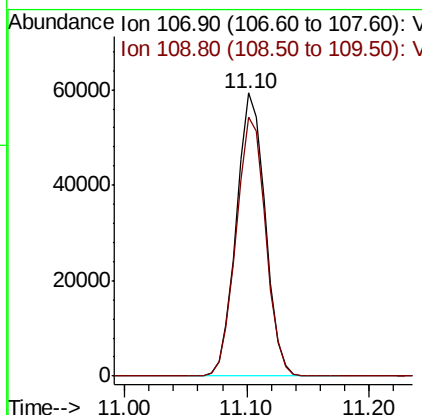
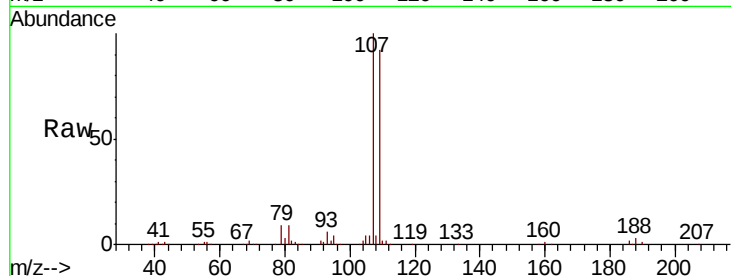




#61
 1,2-Dibromoethane
 Concen: 51.528 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

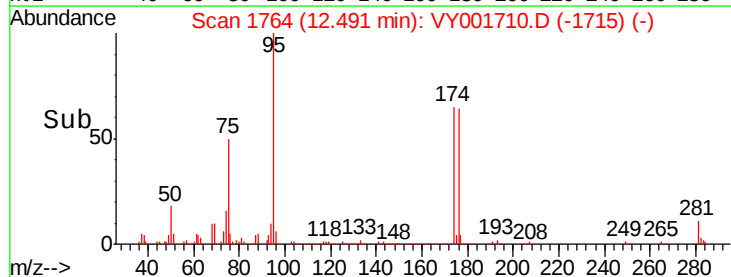
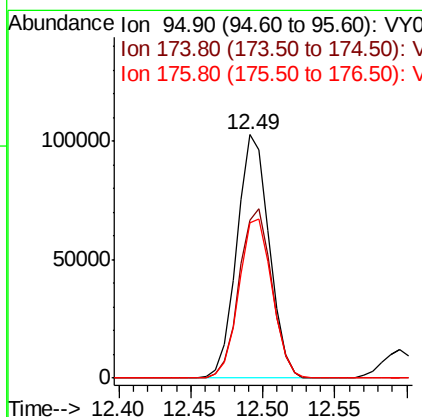
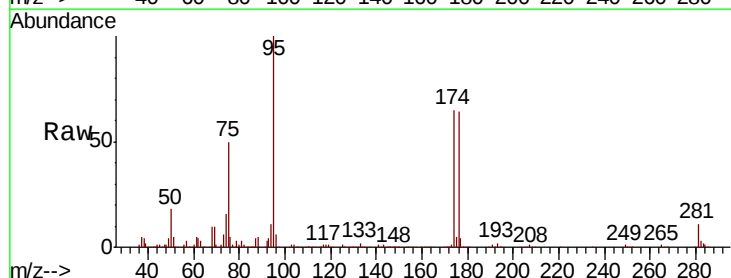
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 107 Resp: 96703
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 50.145 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 95 Resp: 159899
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 138.4
 176 67.2 0.0 131.8

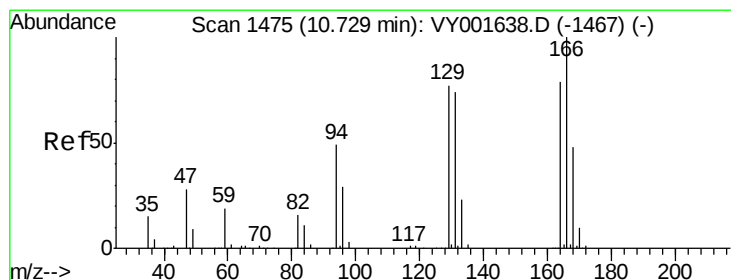
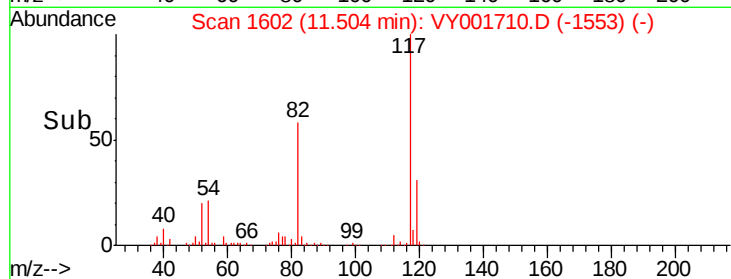
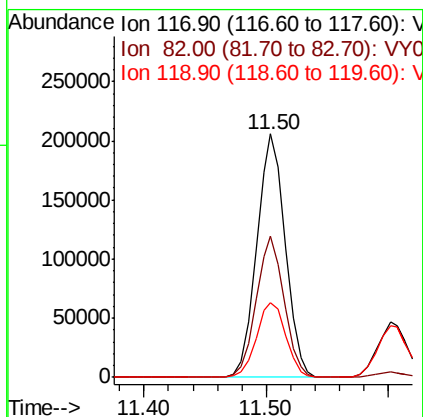
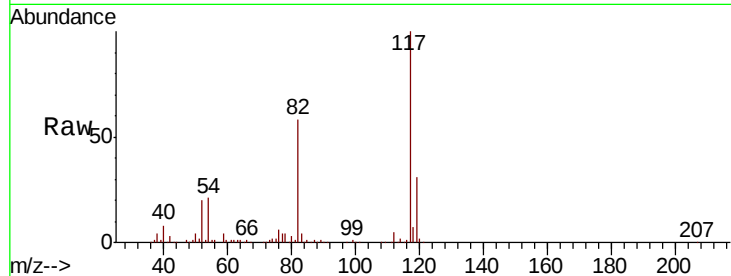




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

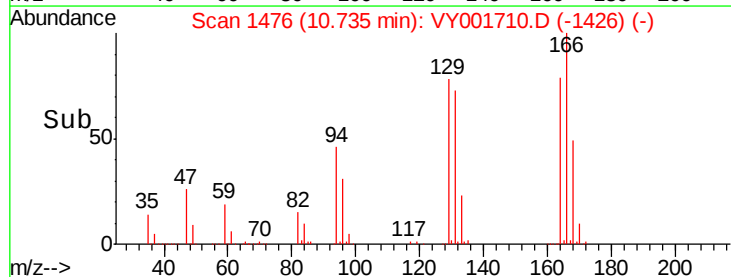
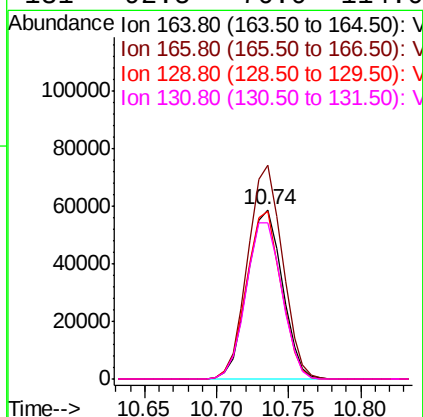
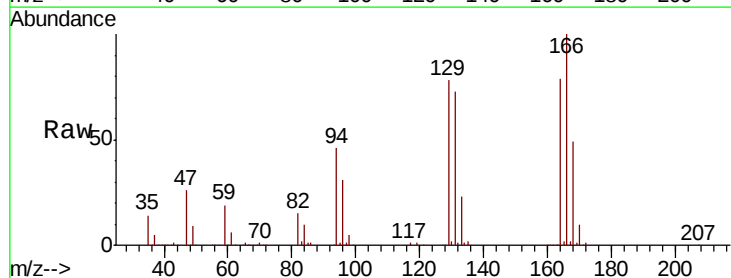
Instrument :
MSVOA_Y
ClientSampleId :

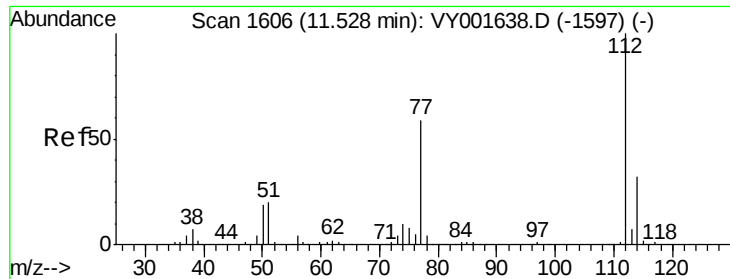
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.5	68.3
119	30.8	25.8	38.6



#64
Tetrachloroethene
Concen: 47.321 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.4	152.0
129	98.8	78.7	118.1
131	92.5	76.0	114.0





#65

Chlorobenzene

Concen: 48.112 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

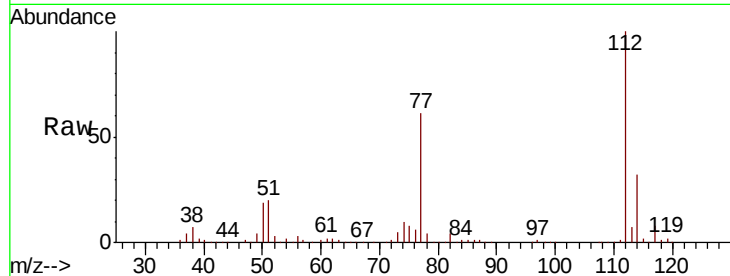
ClientSampleId :

Tot Ion:112 Resp: 319817

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

200000

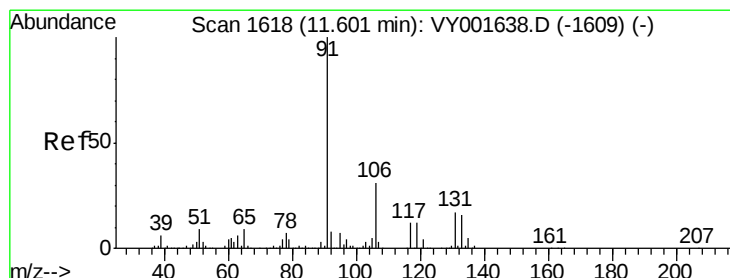
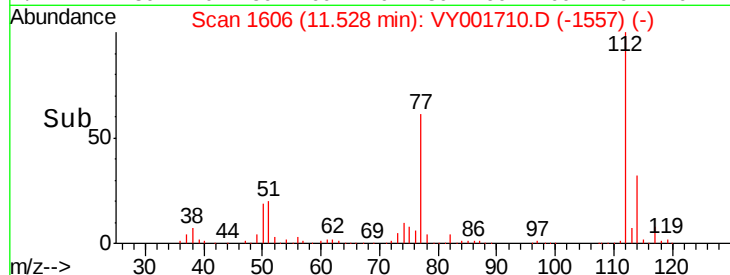
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

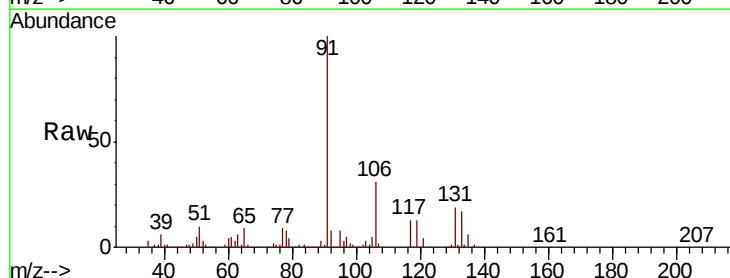
Tgt Ion:131 Resp: 110778

Ion Ratio Lower Upper

131 100

133 93.7 47.4 142.2

119 68.0 34.4 103.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.60

80000

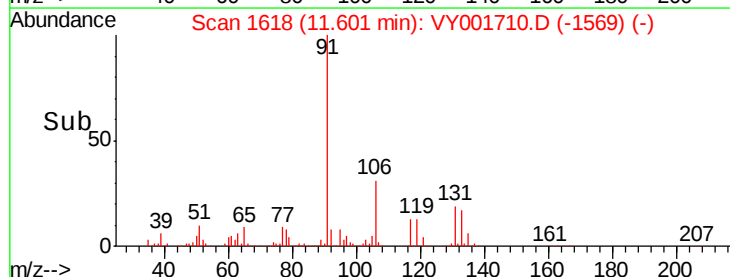
60000

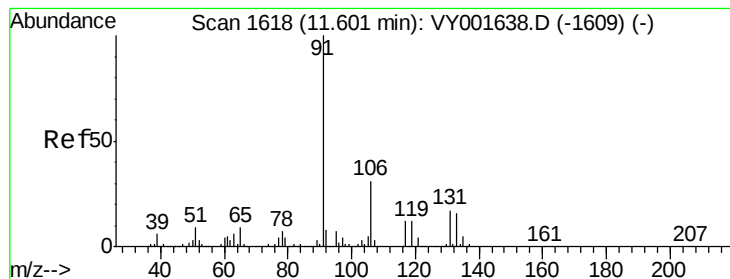
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 48.748 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

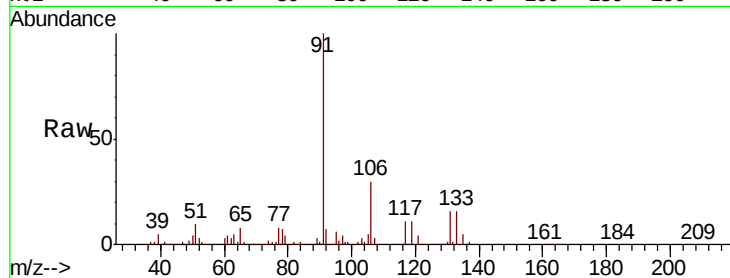
ClientSampleId :

Tot Ion: 91 Resp: 601362

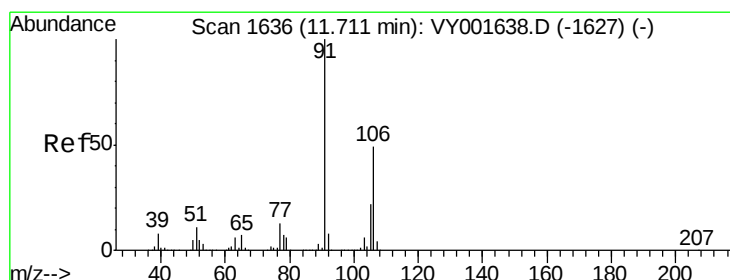
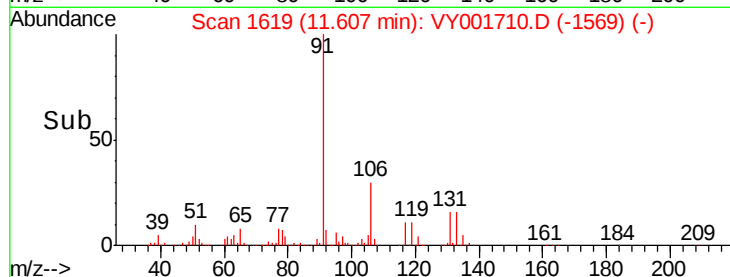
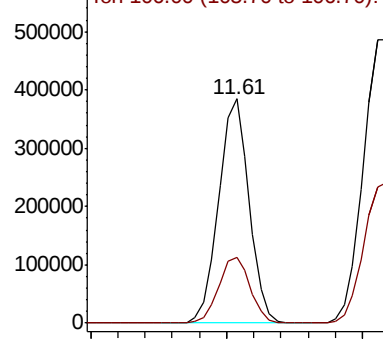
Ion Ratio Lower Upper

91 100

106 29.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001710.D (-1569) (-)



#68

m/p-Xylenes

Concen: 97.606 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001710.D

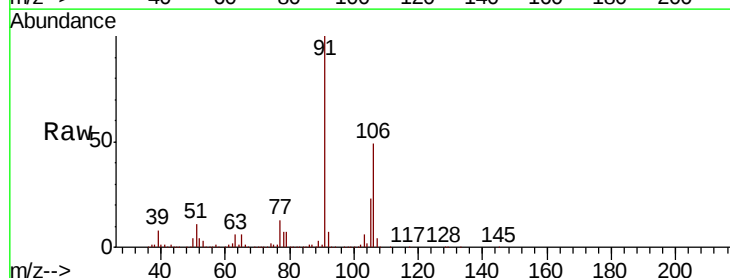
Acq: 19 Feb 2020 19:26

Tgt Ion: 106 Resp: 449773

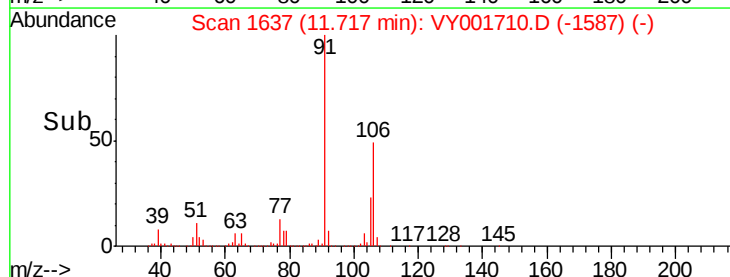
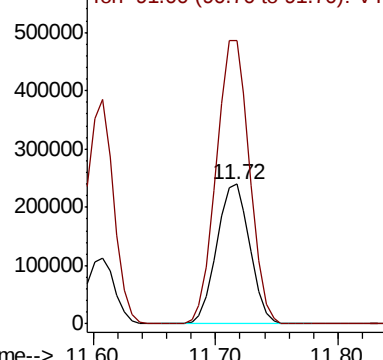
Ion Ratio Lower Upper

106 100

91 203.8 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001710.D (-1587) (-)

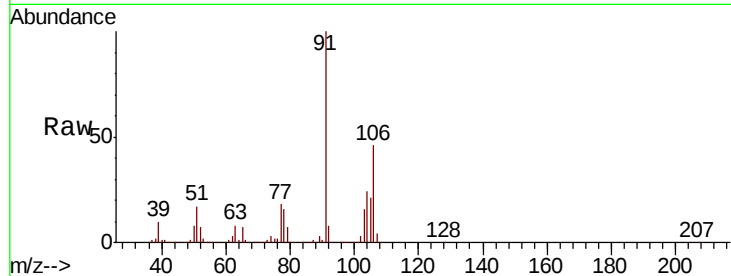




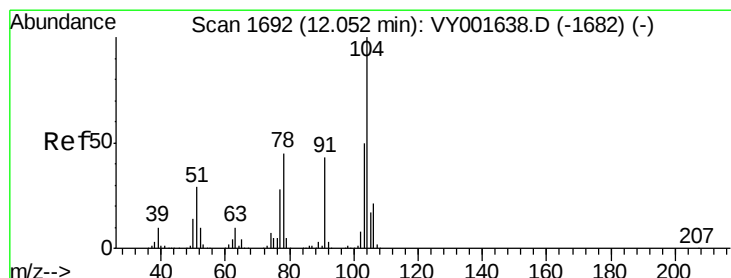
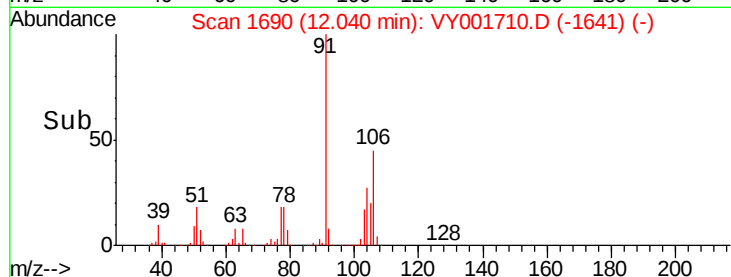
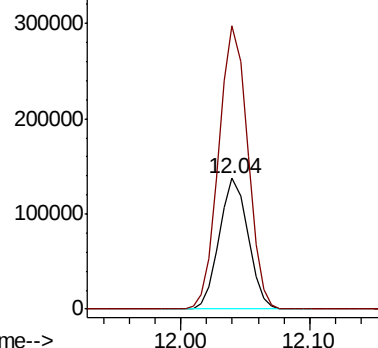
#69
o-Xylene
Concen: 48.396 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 212015
Ion Ratio Lower Upper
106 100
91 217.8 108.3 324.9

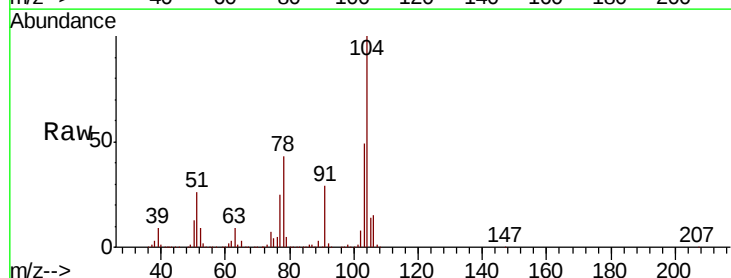


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

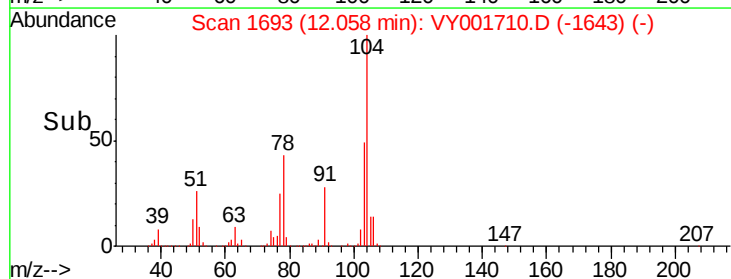
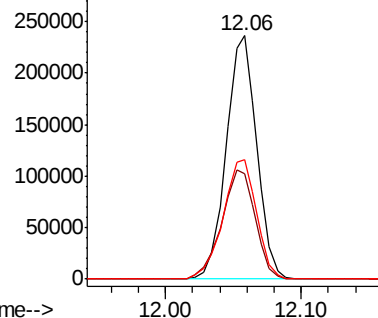


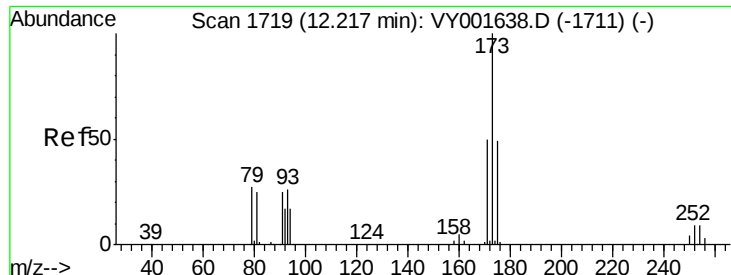
#70
Styrene
Concen: 48.792 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion:104 Resp: 371481
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 53.7 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: 48.220 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampled :

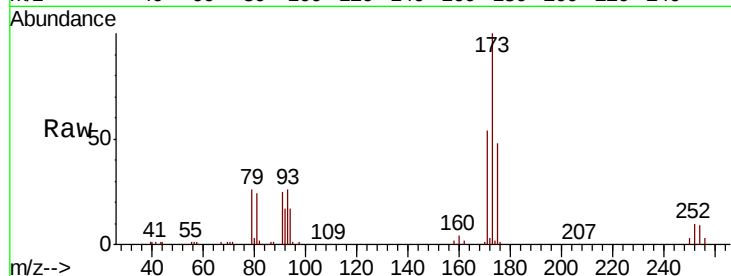
Tot Ion:173 Resp: 61793

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

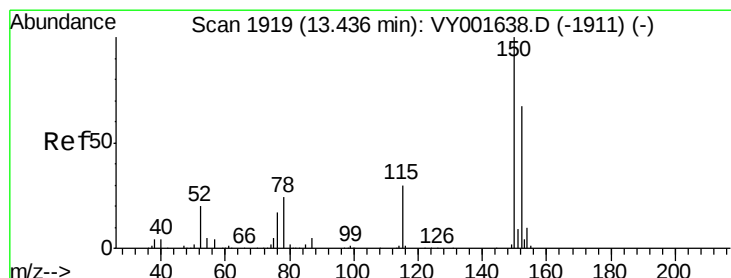
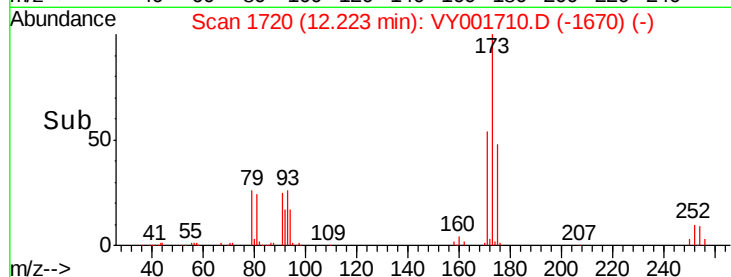
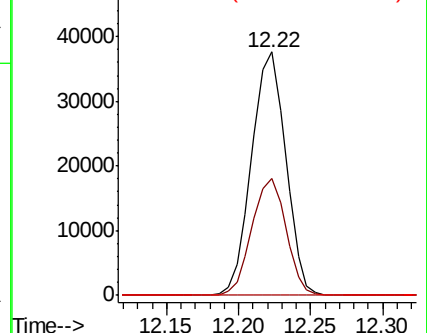
254 0.0 0.1 0.1#



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: VY001710.D

Acq: 19 Feb 2020 19:26

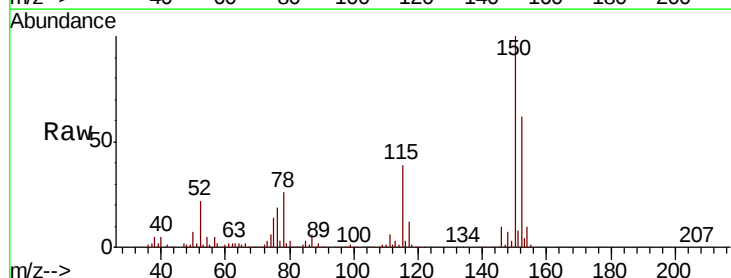
Tgt Ion:152 Resp: 151128

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

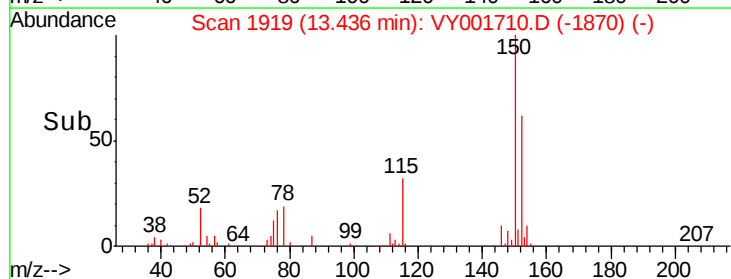
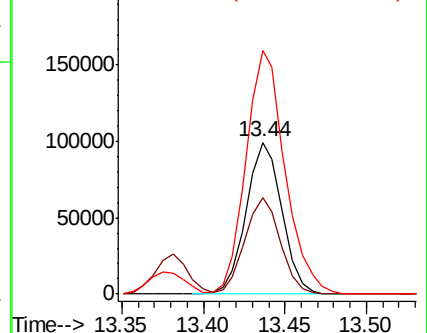
150 175.8 0.0 407.2

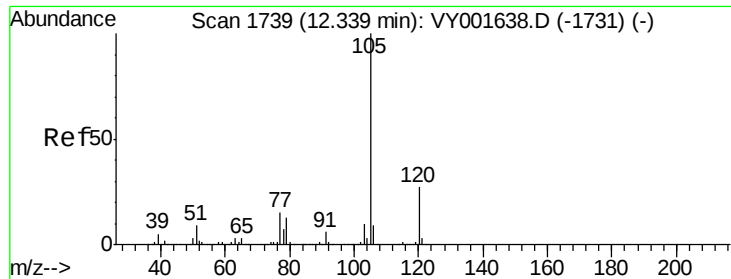


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

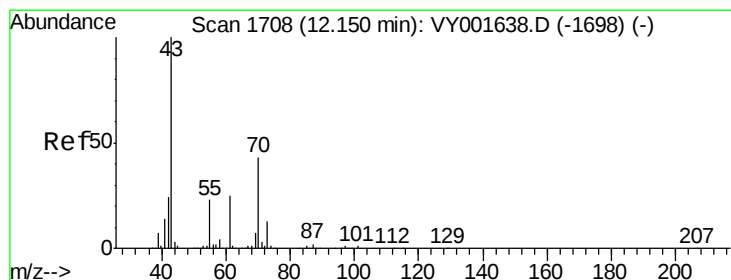
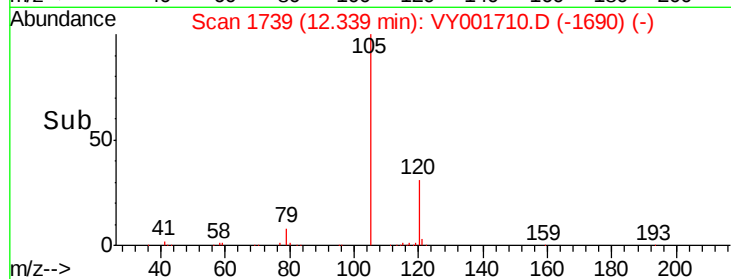
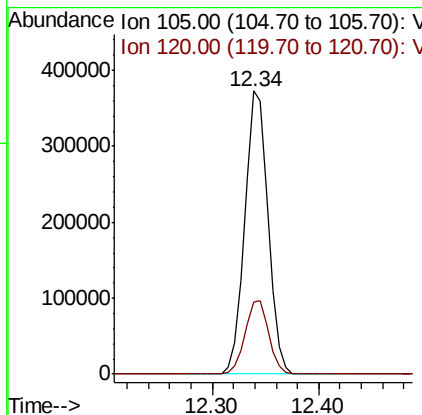
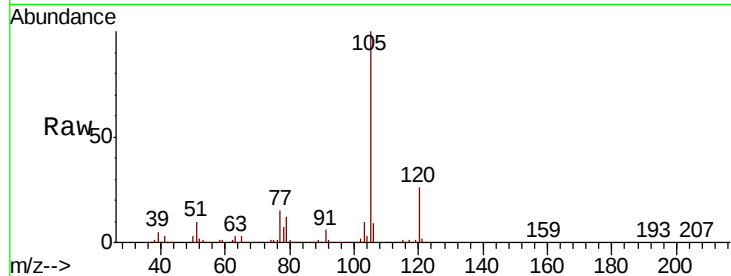




#73
Isopropylbenzene
Concen: 49.739 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

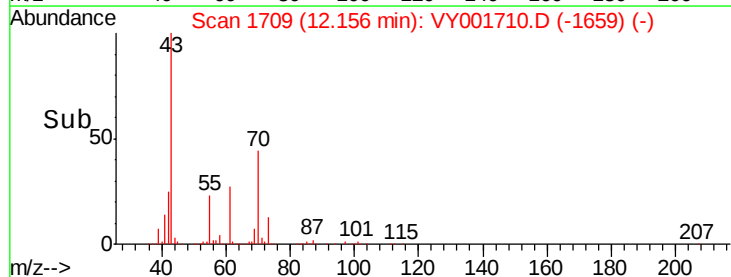
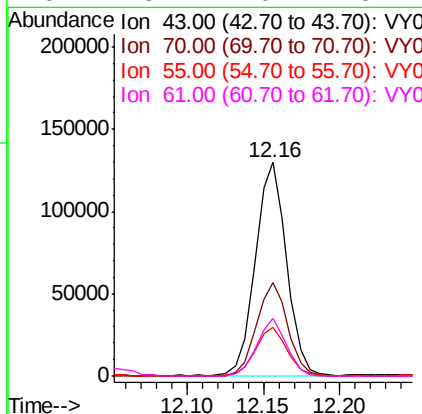
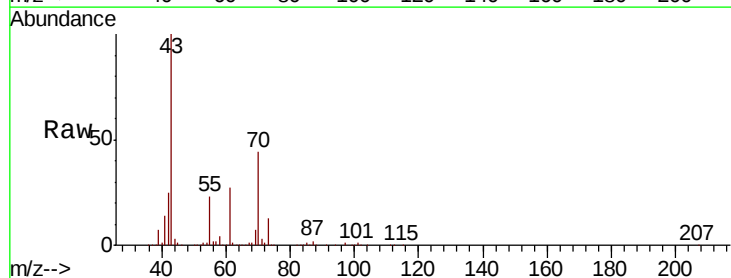
Instrument :
MSVOA_Y
ClientSampleId :

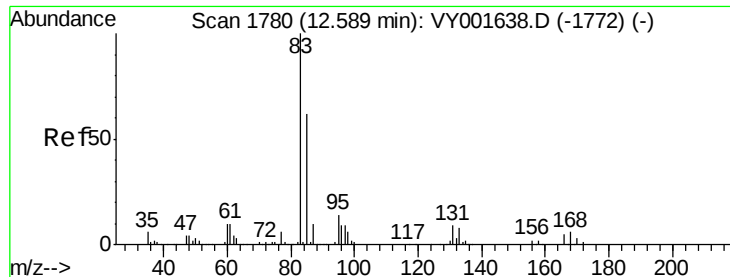
Tot Ion:105 Resp: 572654
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 49.702 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 43 Resp: 182623
Ion Ratio Lower Upper
43 100
70 44.0 35.9 53.9
55 22.8 18.3 27.5
61 25.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.073 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

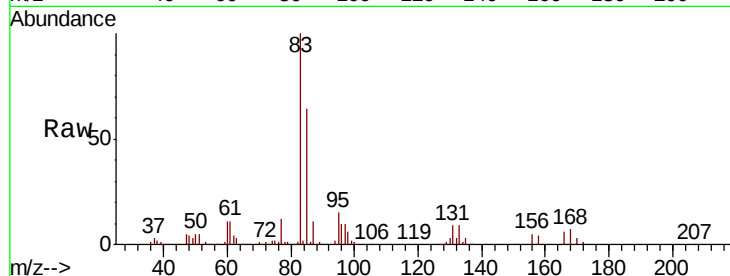
Tot Ion: 83 Resp: 125553

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

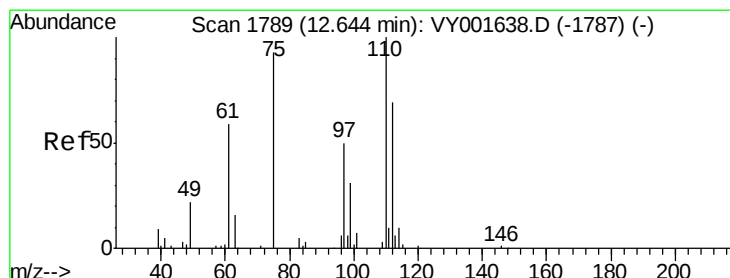
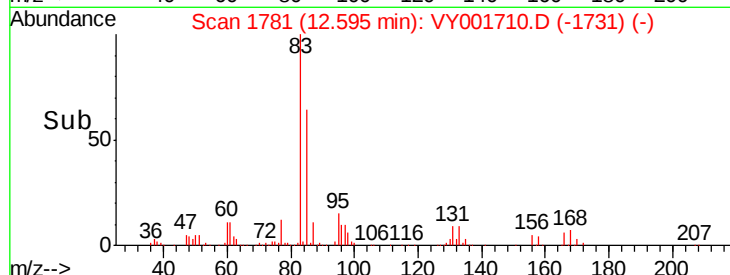
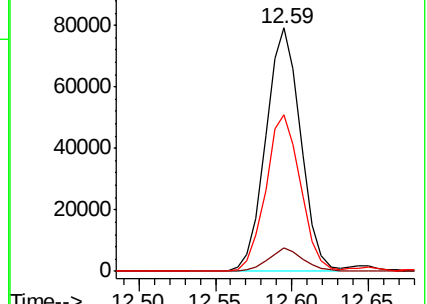
85 64.1 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VY001710.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001710.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001710.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 93.371 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY001710.D

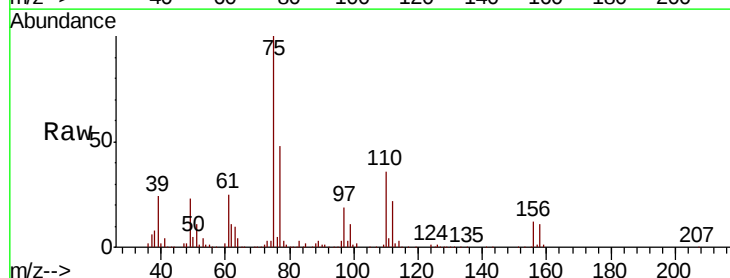
Acq: 19 Feb 2020 19:26

Tgt Ion: 75 Resp: 161871

Ion Ratio Lower Upper

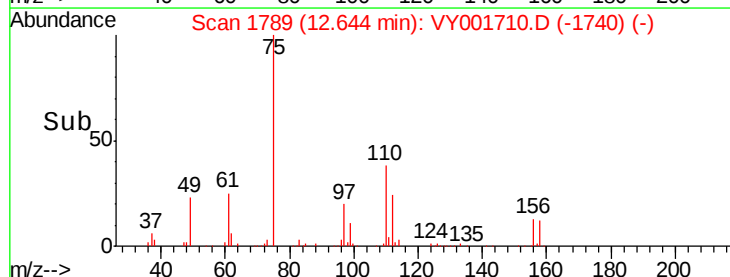
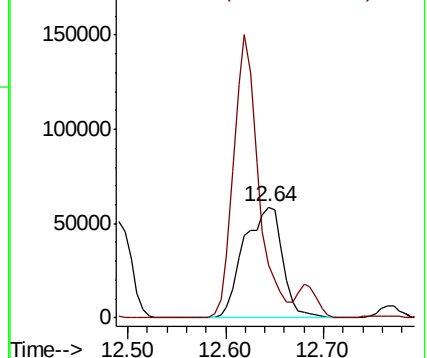
75 100

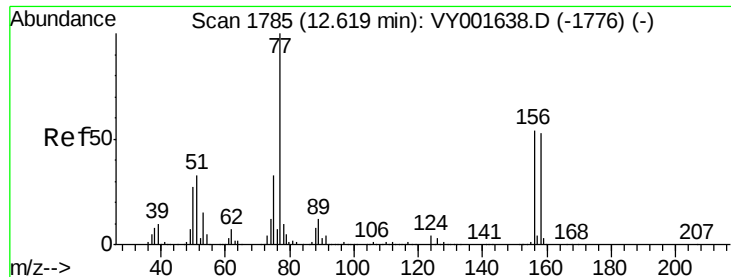
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001710.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001710.D (-1740) (-)





#77

Bromobenzene

Concen: 48.884 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

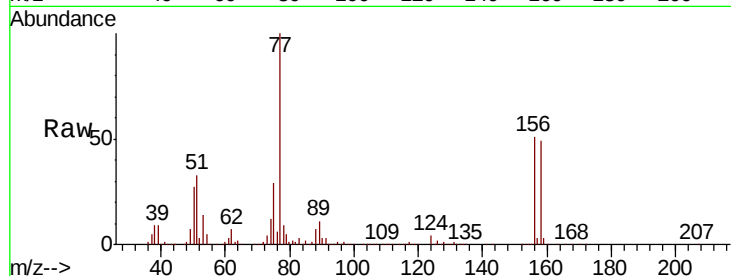
Tot Ion:156 Resp: 122006

Ion Ratio Lower Upper

156 100

77 217.6 110.1 330.1

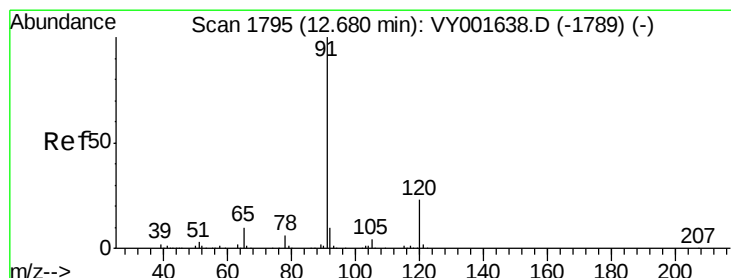
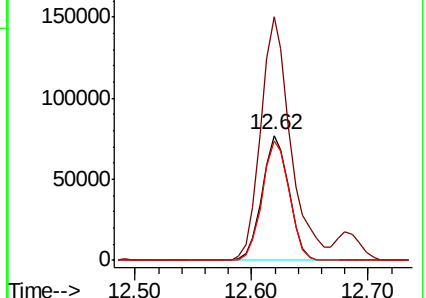
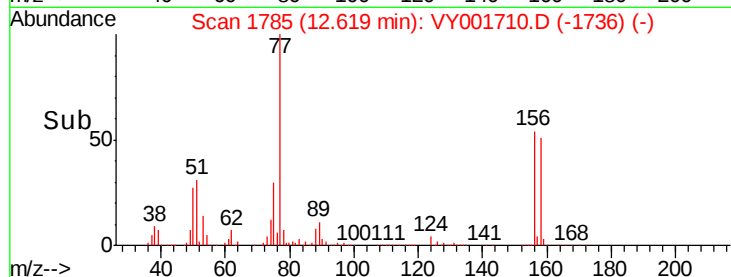
158 96.2 47.9 143.7



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: 50.059 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001710.D

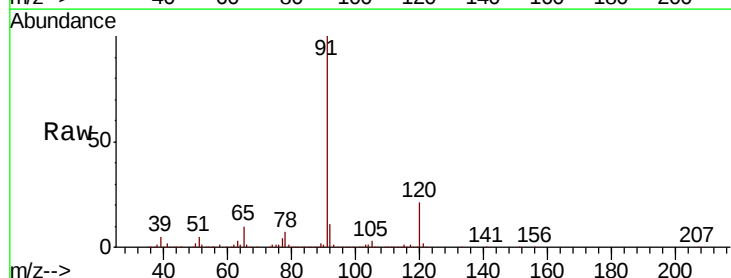
Acq: 19 Feb 2020 19:26

Tgt Ion: 91 Resp: 701932

Ion Ratio Lower Upper

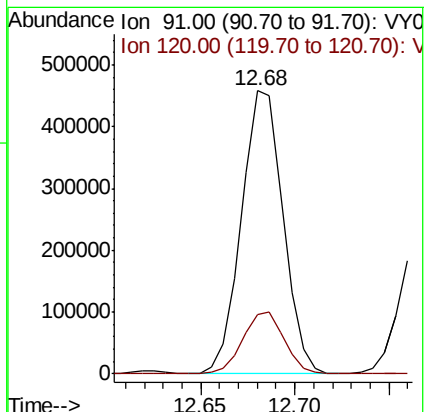
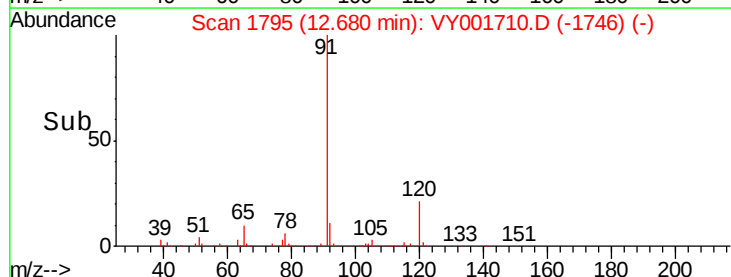
91 100

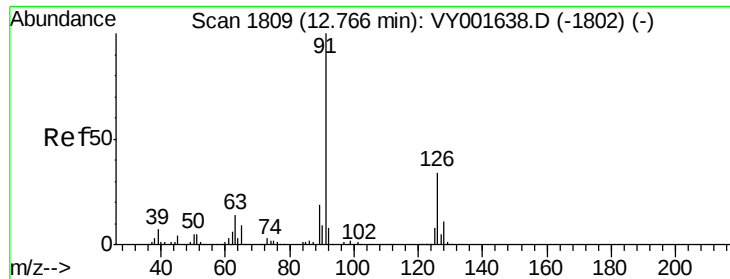
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

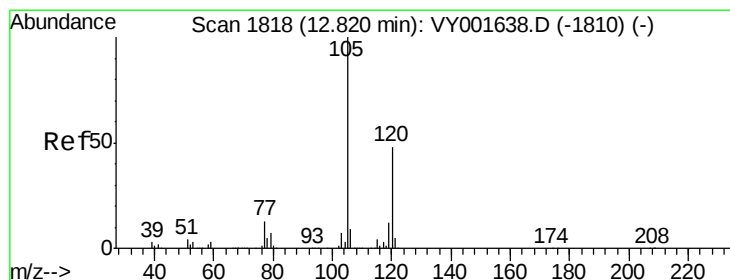
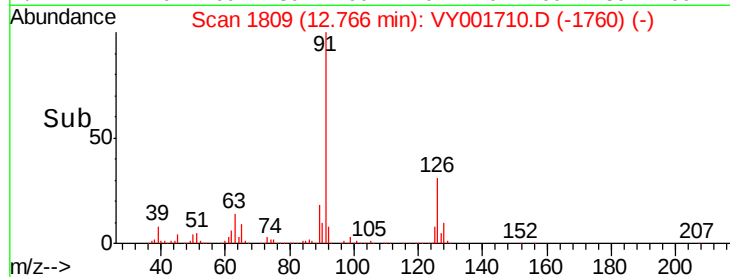
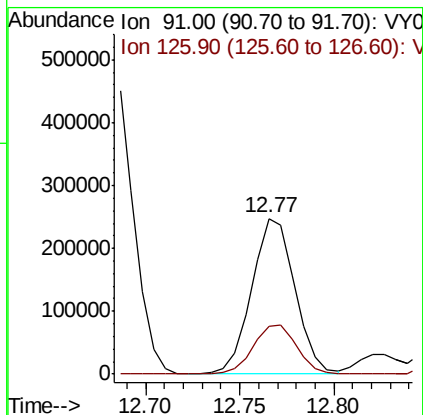
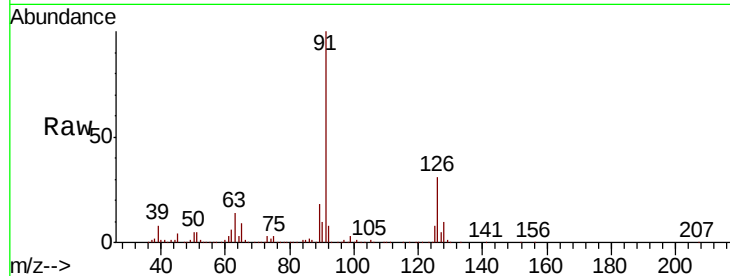




#79
 2-Chlorotoluene
 Concen: 49.942 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

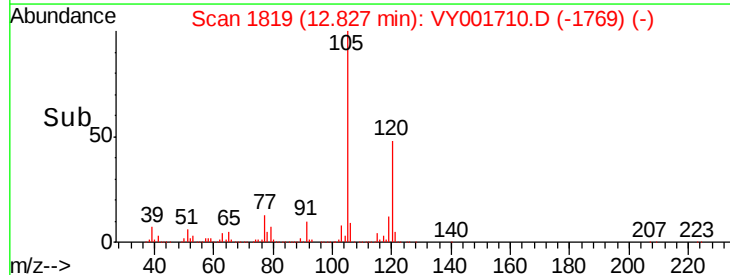
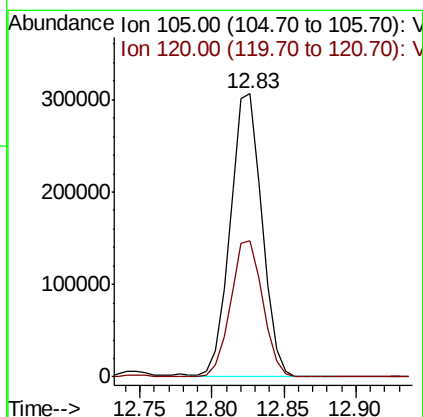
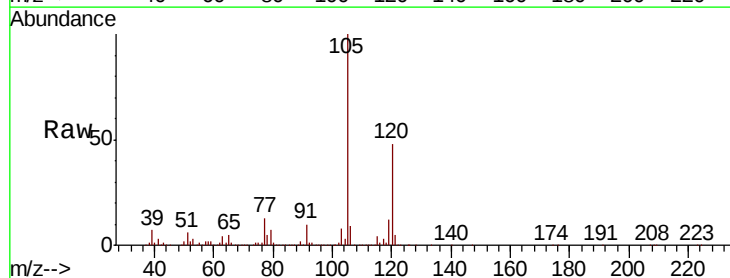
Instrument :
 MSVOA_Y
 ClientSampled :

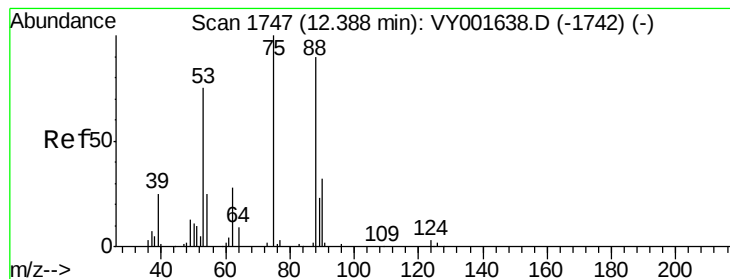
Tot Ion: 91 Resp: 392767
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.514 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion: 105 Resp: 471893
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.607 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

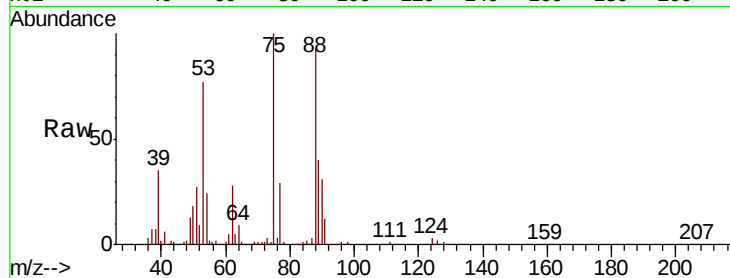
Tot Ion: 75 Resp: 45331

Ion Ratio Lower Upper

75 100

53 84.8 64.5 96.7

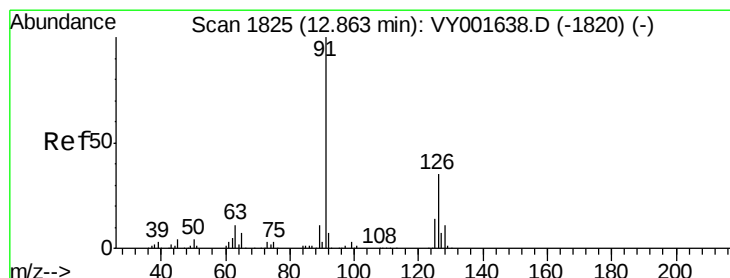
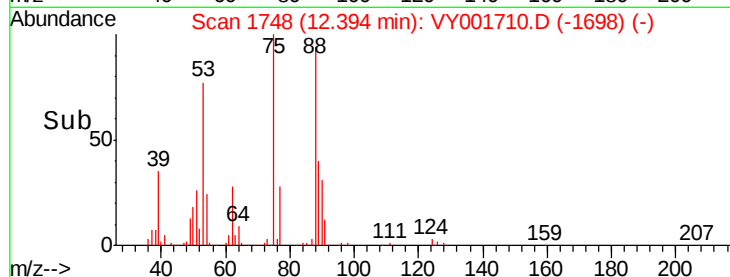
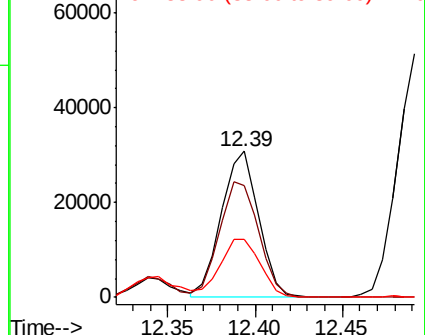
89 43.3 36.3 54.5



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: 49.299 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001710.D

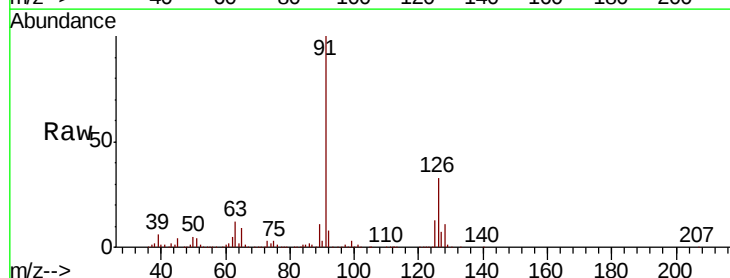
Acq: 19 Feb 2020 19:26

Tgt Ion: 91 Resp: 408917

Ion Ratio Lower Upper

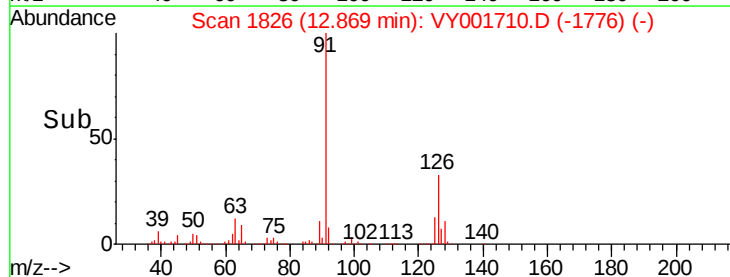
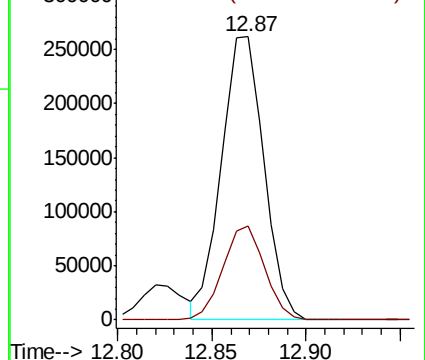
91 100

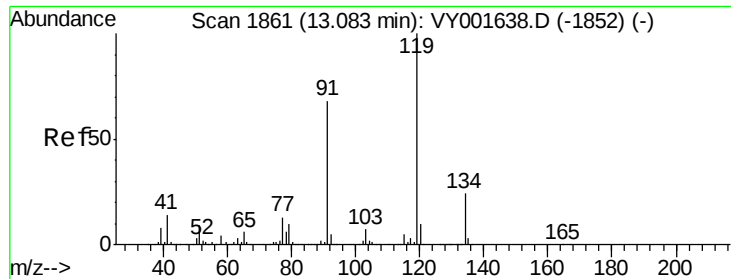
126 32.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

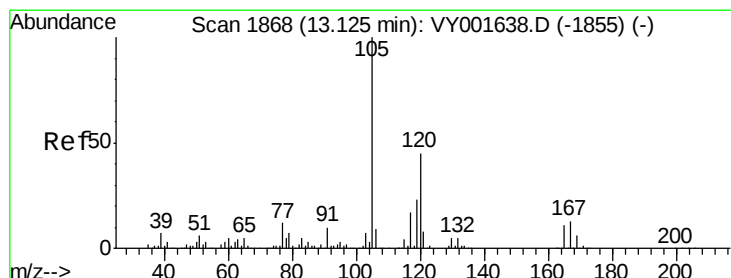
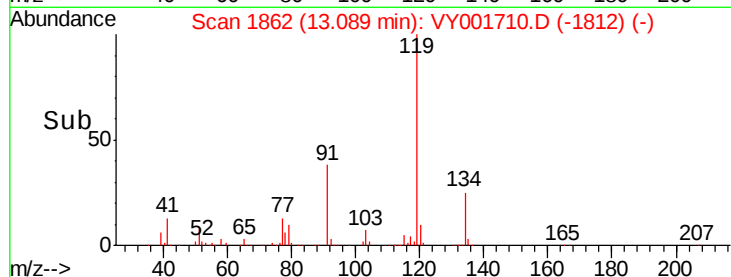
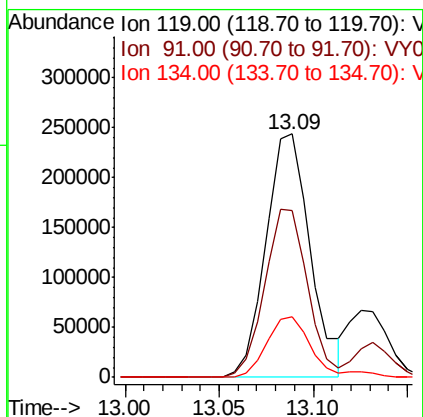
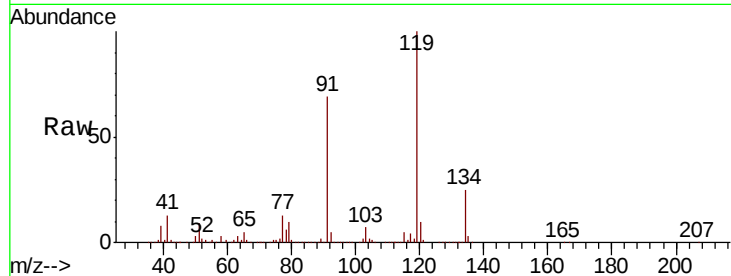




#83
tert-Butylbenzene
Concen: 50.206 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

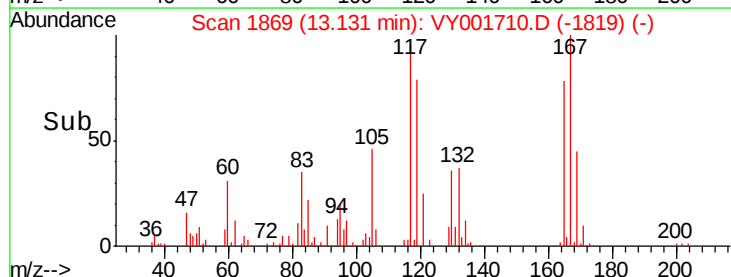
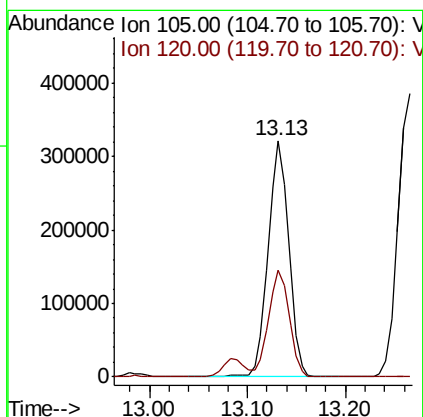
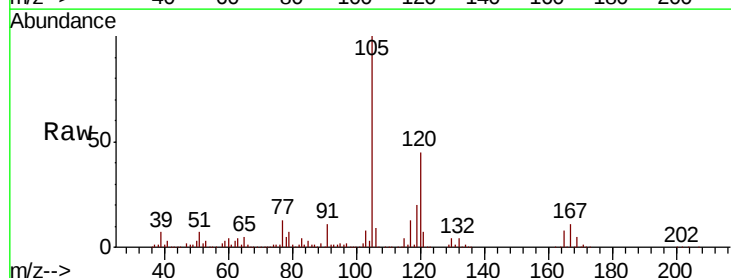
Instrument :
MSVOA_Y
ClientSampled :

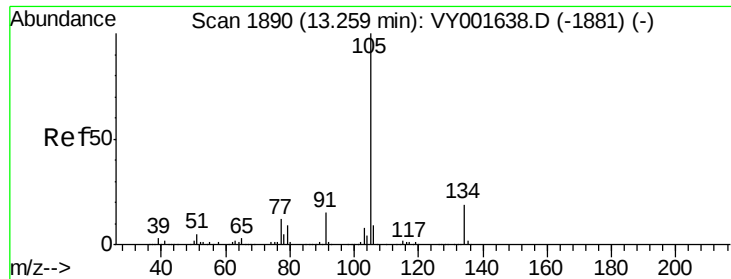
Tot Ion:119 Resp: 400190
Ion Ratio Lower Upper
119 100
91 66.6 33.5 100.5
134 25.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 49.741 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion:105 Resp: 472611
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 49.361 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

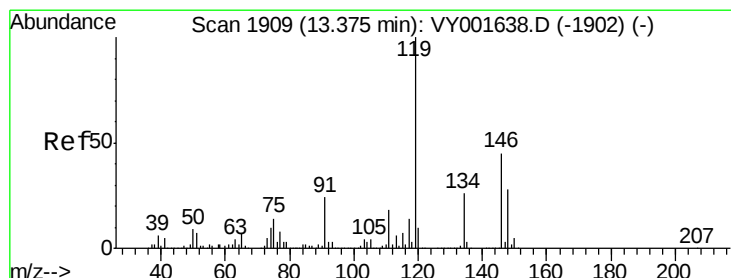
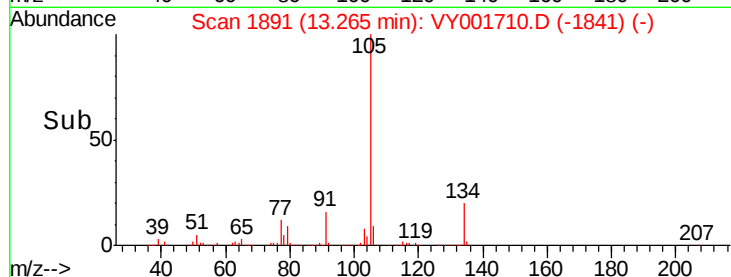
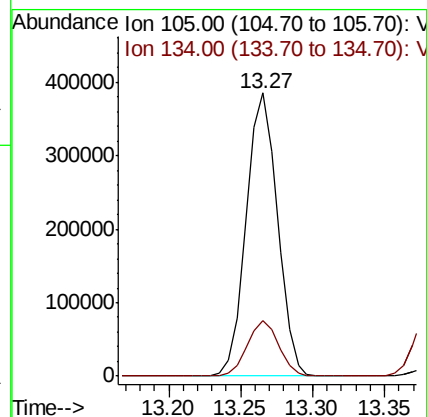
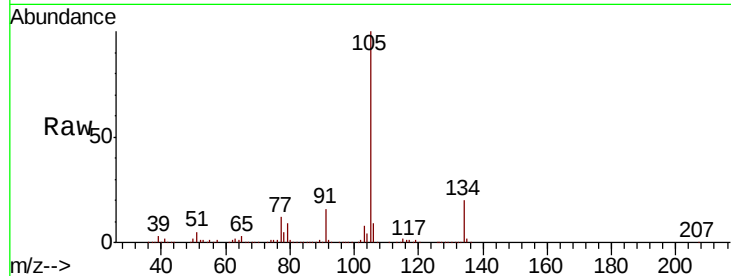
ClientSampleId :

Tot Ion:105 Resp: 578662

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.004 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

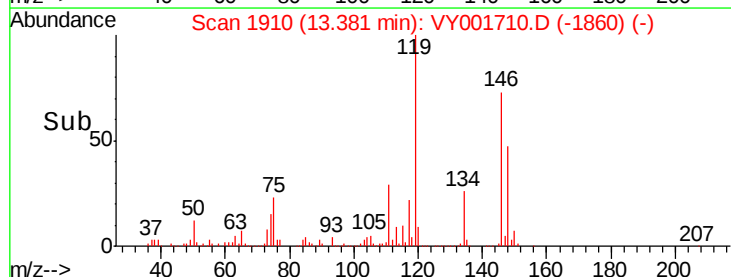
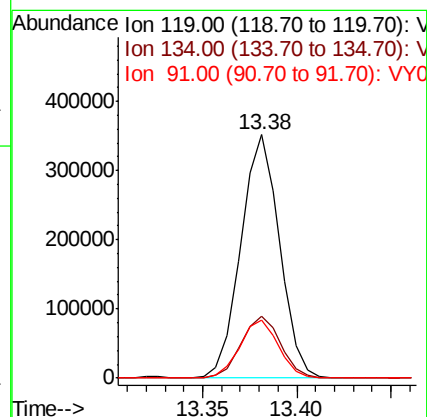
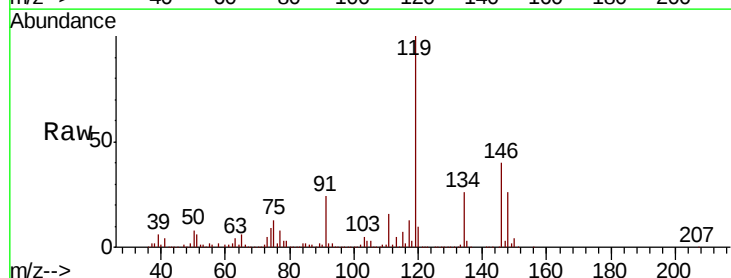
Tgt Ion:119 Resp: 499073

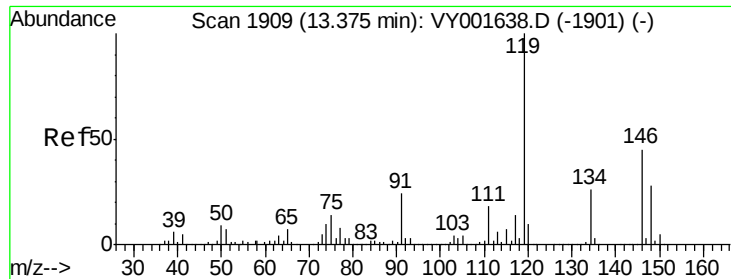
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.918 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

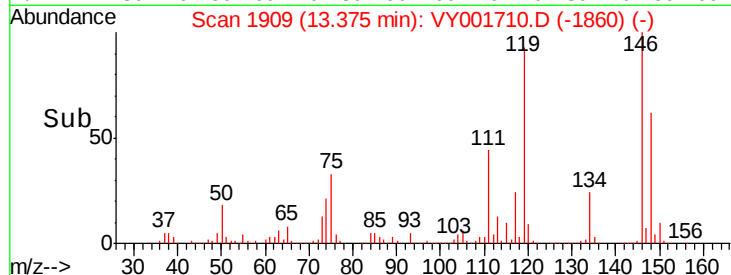
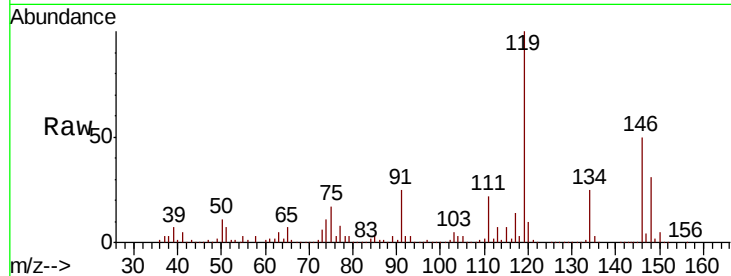
Tot Ion:146 Resp: 231945

Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.3

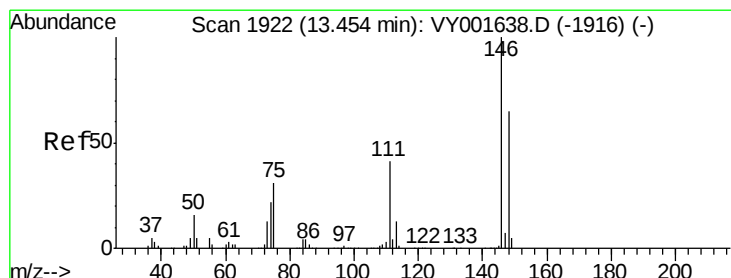
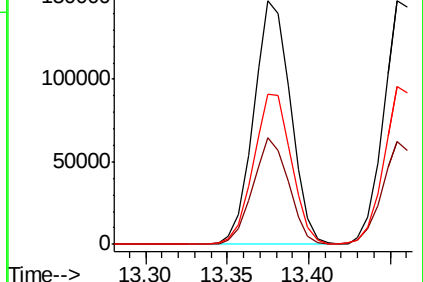
148 63.2 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.395 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

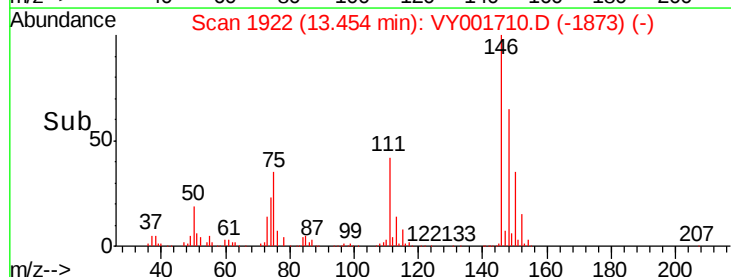
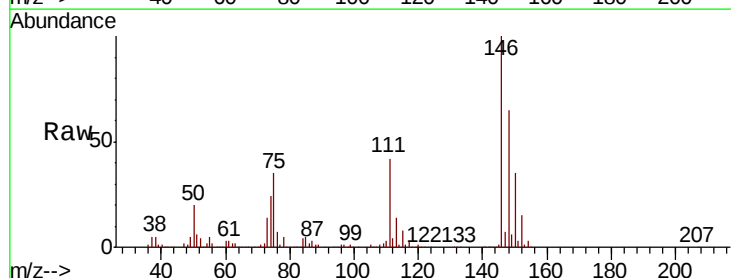
Tgt Ion:146 Resp: 231900

Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.3

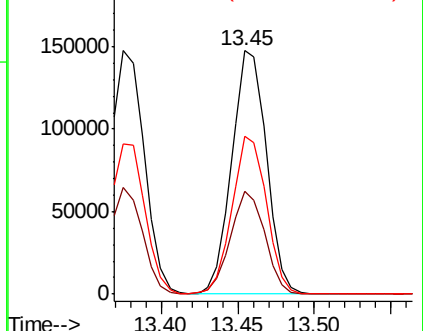
148 64.4 31.6 94.7

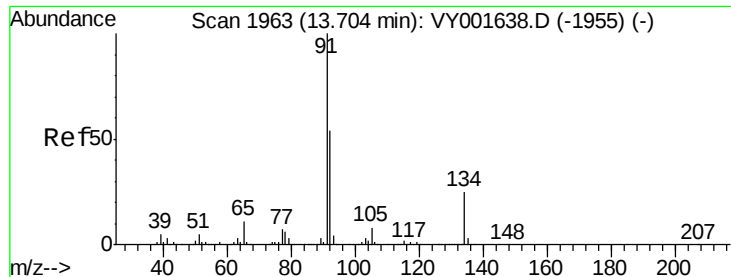


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

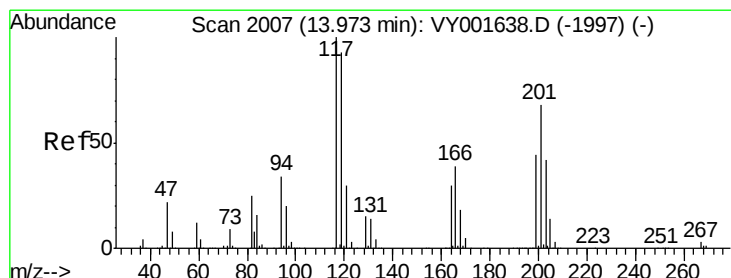
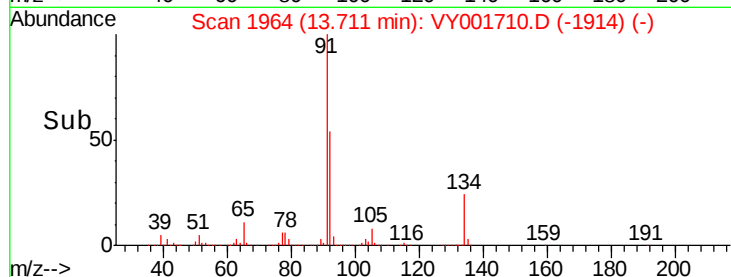
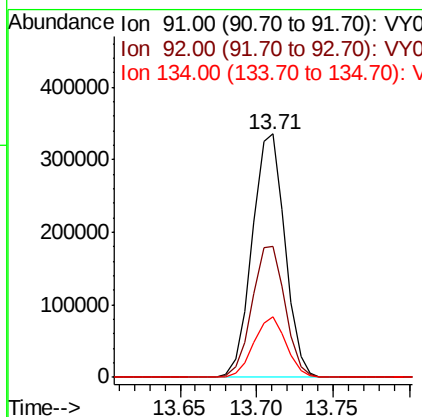
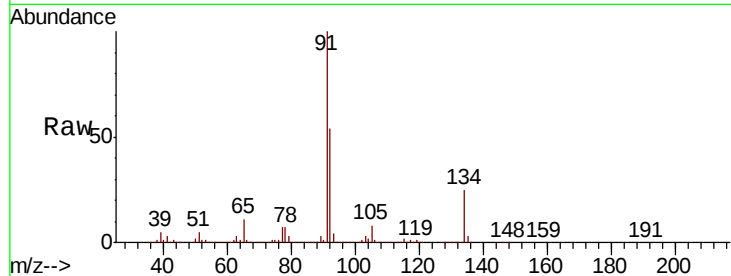




#89
n-Butylbenzene
Concen: 48.036 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

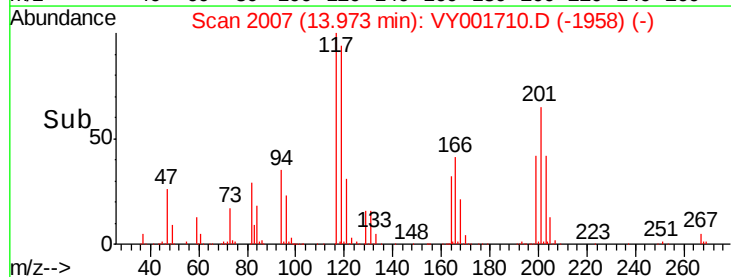
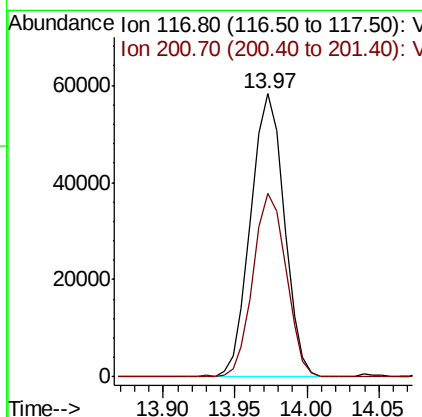
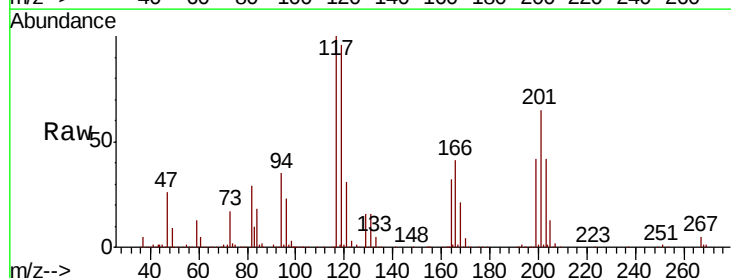
Instrument :
MSVOA_Y
ClientSampleId :

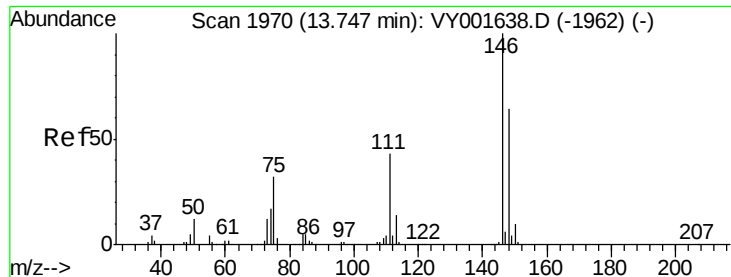
Tot Ion: 91 Resp: 499881
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 48.783 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion: 117 Resp: 93606
Ion Ratio Lower Upper
117 100
201 64.3 32.5 97.4





#91

1,2-Dichlorobenzene

Concen: 47.881 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

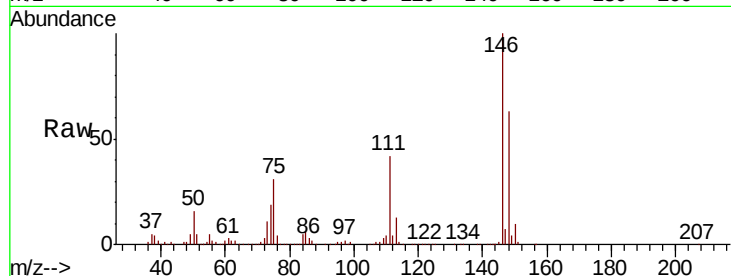
Tot Ion:146 Resp: 213885

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

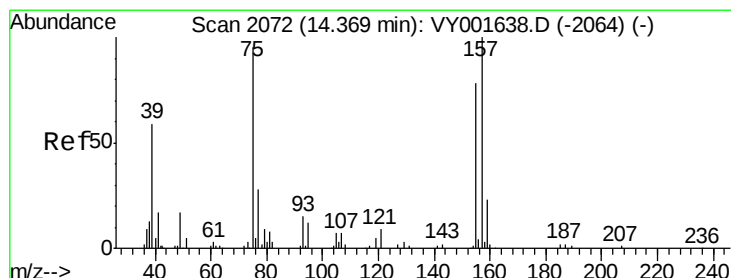
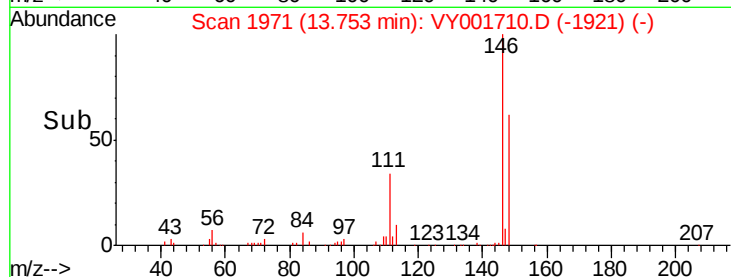
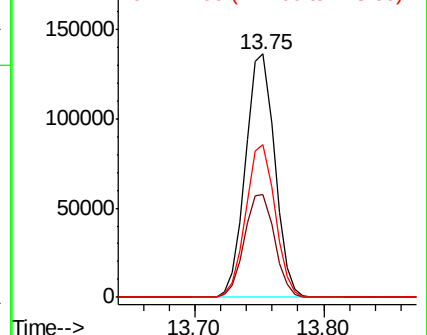
148 62.9 31.5 94.5



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: 50.354 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001710.D

Acq: 19 Feb 2020 19:26

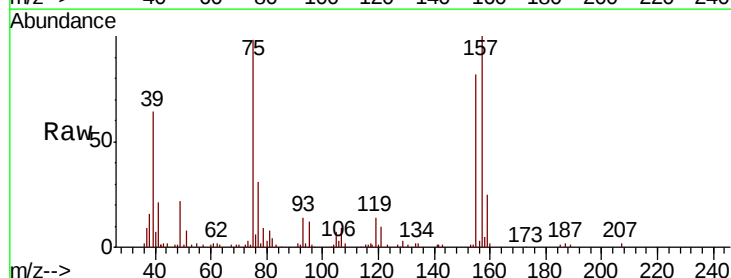
Tgt Ion: 75 Resp: 20429

Ion Ratio Lower Upper

75 100

155 80.9 40.8 122.4

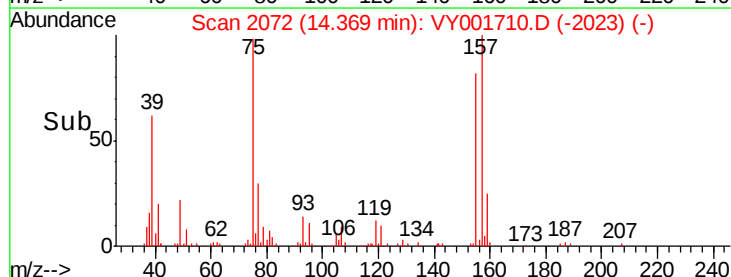
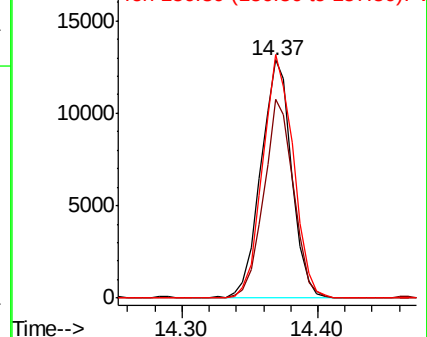
157 101.8 52.1 156.4

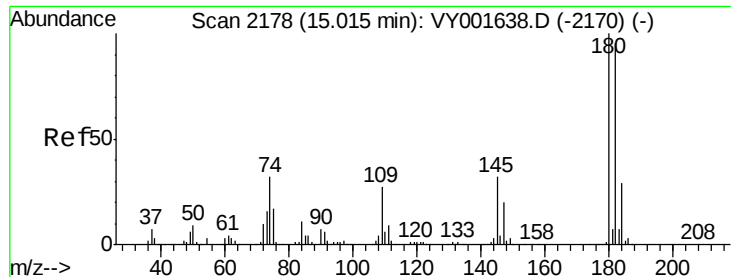


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

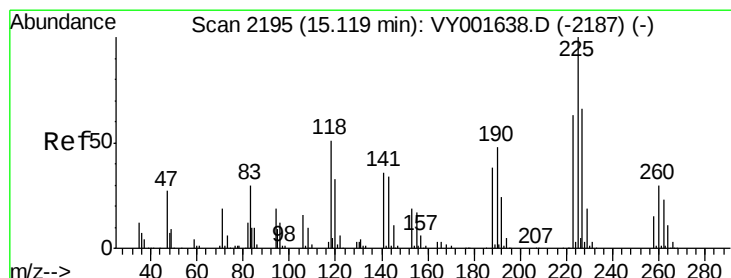
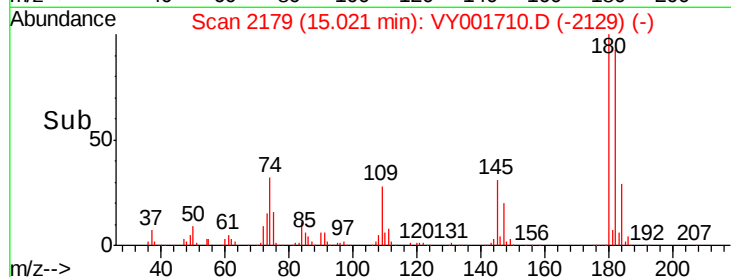
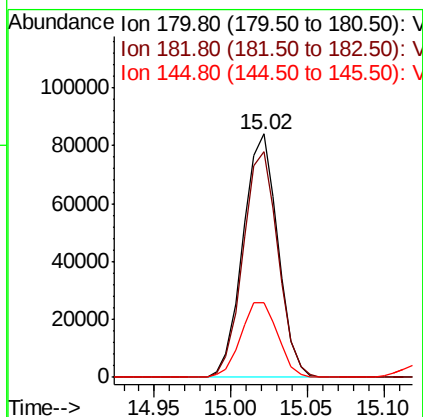
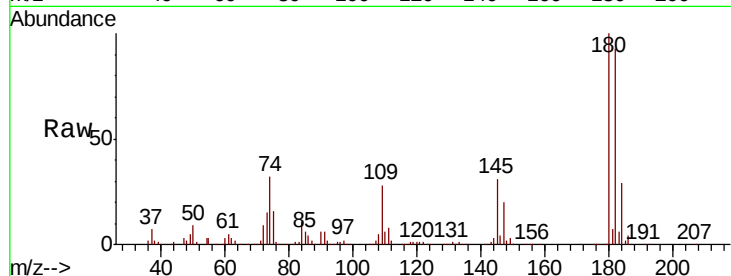




#93
 1,2,4-Trichlorobenzene
 Concen: 44.921 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

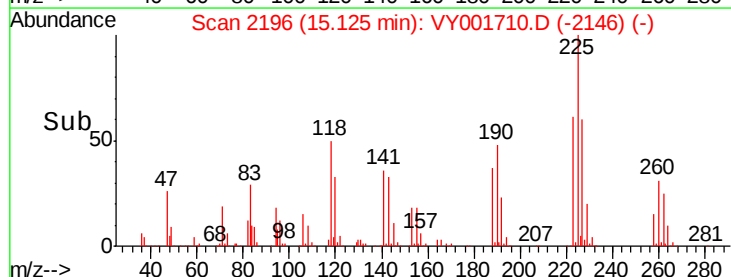
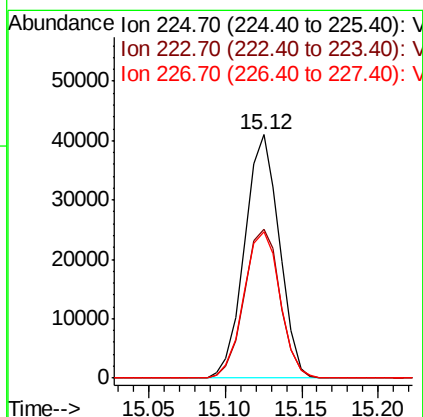
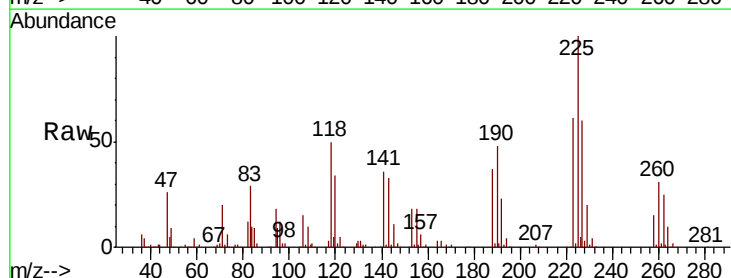
Instrument :
 MSVOA_Y
 ClientSampleId :

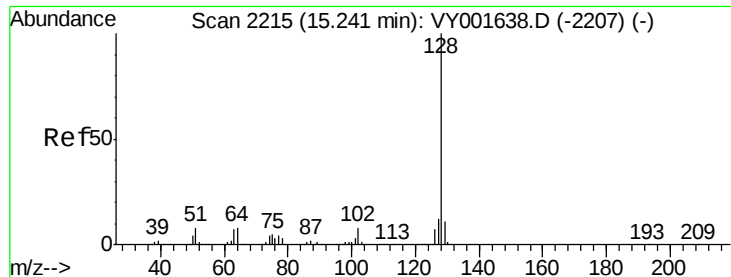
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.8	140.3
145	32.7	16.2	48.5



#94
 Hexachlorobutadiene
 Concen: 43.838 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001710.D
 Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.4	94.0
227	63.2	31.6	94.8

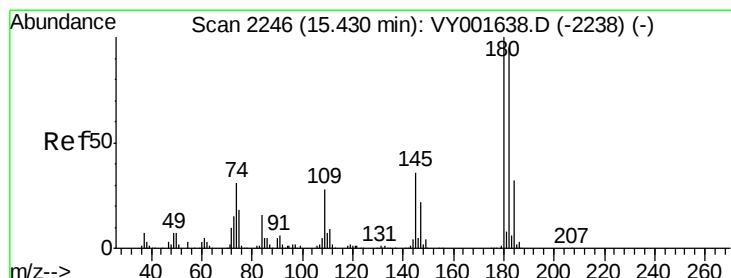
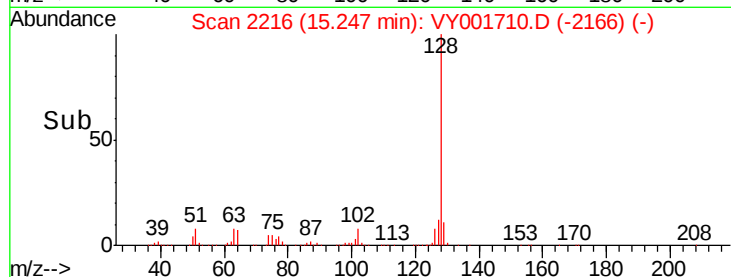
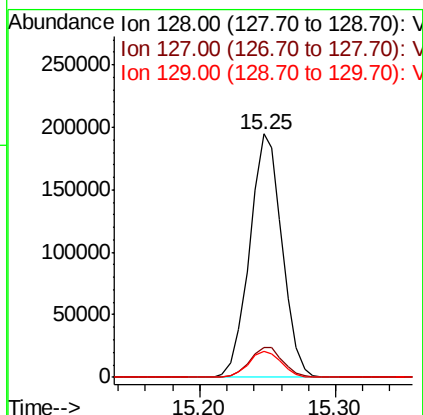
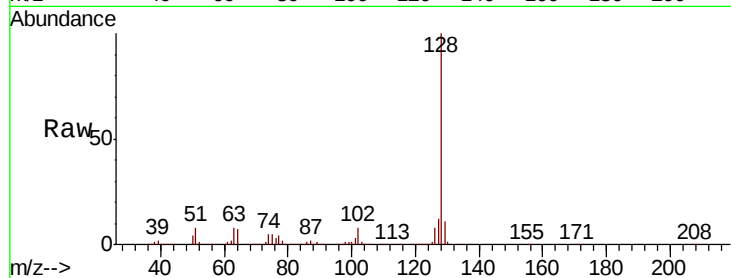




#95
Naphthalene
Concen: 47.547 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.090 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001710.D
Acq: 19 Feb 2020 19:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.2	141.6
145	34.9	17.3	52.0

