

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001732.D
 Acq On : 21 Feb 2020 10:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	201004	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	356393	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	316024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.45	152	146610	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	100140	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
35) Dibromofluoromethane	7.75	113	93586	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
50) Toluene-d8	10.20	98	394166	49.29	ug/l	0.01
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.50	95	141652	45.59	ug/l	0.01
Spiked Amount			Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	106589	54.401	ug/l	100
3) Chloromethane	2.13	50	132636	50.329	ug/l	100
4) Vinyl Chloride	2.27	62	136878	51.494	ug/l	100
5) Bromomethane	2.68	94	84675	50.969	ug/l	98
6) Chloroethane	2.82	64	84224	51.419	ug/l	97
7) Trichlorofluoromethane	3.16	101	178668	52.518	ug/l	99
8) Diethyl Ether	3.56	74	67179	50.091	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	111825	52.296	ug/l	99
10) Methyl Iodide	4.13	142	136904	52.313	ug/l	99
11) Tert butyl alcohol	5.00	59	56080	220.953	ug/l	100
12) 1,1-Dichloroethene	3.91	96	112676	51.664	ug/l	98
13) Acrolein	3.77	56	57586	263.720	ug/l	99
14) Allyl chloride	4.52	41	202886	52.271	ug/l	98
15) Acrylonitrile	5.21	53	171368	249.285	ug/l	100
16) Acetone	3.99	43	195291	261.047	ug/l	97
17) Carbon Disulfide	4.24	76	366286	50.306	ug/l	99
18) Methyl Acetate	4.52	43	78739	48.330	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	303023	49.904	ug/l	98
20) Methylene Chloride	4.76	84	125181	47.109	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	124637	50.089	ug/l	95
22) Diisopropyl ether	6.16	45	407197	51.085	ug/l	98
23) Vinyl Acetate	6.11	43	1323806	254.607	ug/l	100
24) 1,1-Dichloroethane	6.07	63	220072	51.657	ug/l	100
25) 2-Butanone	7.03	43	258437	254.298	ug/l	99
26) 2,2-Dichloropropane	7.02	77	191202	51.585	ug/l	98
27) cis-1,2-Dichloroethene	7.03	96	138902	50.572	ug/l	99
28) Bromochloromethane	7.38	49	96339	54.285	ug/l	98
29) Tetrahydrofuran	7.39	42	150577	245.137	ug/l	99
30) Chloroform	7.55	83	210943	50.674	ug/l	100
31) Cyclohexane	7.82	56	226482	49.860	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	181826	51.970	ug/l	100
36) 1,1-Dichloropropene	7.96	75	175699	51.612	ug/l	99
37) Ethyl Acetate	7.12	43	100524	49.475	ug/l	99
38) Carbon Tetrachloride	7.94	117	155456	51.990	ug/l	98

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

39) Methylcyclohexane	9.21	83	232051	51.381	ug/l	99
40) Benzene	8.19	78	520069	51.944	ug/l	99
41) Methacrylonitrile	7.38	41	134793	132.124	ug/l #	31
42) 1,2-Dichloroethane	8.27	62	137437	50.388	ug/l	99
43) Isopropyl Acetate	8.30	43	194822	50.536	ug/l	99
44) Trichloroethene	8.97	130	128425	51.384	ug/l	99
45) 1,2-Dichloropropane	9.25	63	132923	53.012	ug/l	100
46) Dibromomethane	9.33	93	66636	50.810	ug/l	100
47) Bromodichloromethane	9.52	83	163320	51.598	ug/l	98
48) Methyl methacrylate	9.32	41	90430	51.867	ug/l	98
49) 1,4-Dioxane	9.33	88	16179	873.443	ug/l	98
51) 4-Methyl-2-Pentanone	10.10	43	494304	249.558	ug/l	99
52) Toluene	10.27	92	321114	51.417	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	181380	51.835	ug/l	98
54) cis-1,3-Dichloropropene	9.96	75	210788	52.340	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	97924	50.638	ug/l	99
56) Ethyl methacrylate	10.53	69	149807	51.638	ug/l	99
57) 1,3-Dichloropropane	10.81	76	174647	50.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	273961	251.195	ug/l	99
59) 2-Hexanone	10.86	43	380659	256.135	ug/l	99
60) Dibromochloromethane	11.01	129	108255	50.775	ug/l	100
61) 1,2-Dibromoethane	11.11	107	93083	50.907	ug/l	98
64) Tetrachloroethene	10.74	164	100439	50.628	ug/l	99
65) Chlorobenzene	11.54	112	324894	51.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	111115	52.207	ug/l	99
67) Ethyl Benzene	11.61	91	612667	52.326	ug/l	99
68) m/p-Xylenes	11.72	106	458782	104.895	ug/l	99
69) o-Xylene	12.05	106	214185	51.510	ug/l	99
70) Styrene	12.06	104	374207	51.783	ug/l	99
71) Bromoform	12.23	173	60987	50.141	ug/l #	99
73) Isopropylbenzene	12.35	105	578022	51.752	ug/l	100
74) N-amyl acetate	12.16	43	177095	49.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	123184	51.653	ug/l	98
76) 1,2,3-Trichloropropane	12.66	75	158618	94.314	ug/l #	100
77) Bromobenzene	12.63	156	122391	50.549	ug/l	99
78) n-propylbenzene	12.69	91	716763	52.692	ug/l	100
79) 2-Chlorotoluene	12.78	91	394829	51.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	480858	52.010	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	45273	51.070	ug/l	97
82) 4-Chlorotoluene	12.88	91	416594	51.772	ug/l	100
83) tert-Butylbenzene	13.09	119	397329	51.383	ug/l	100
84) 1,2,4-Trimethylbenzene	13.14	105	471980	51.205	ug/l	99
85) sec-Butylbenzene	13.27	105	589710	51.853	ug/l	99
86) p-Isopropyltoluene	13.39	119	504286	51.042	ug/l	99
87) 1,3-Dichlorobenzene	13.39	146	234164	49.867	ug/l	100
88) 1,4-Dichlorobenzene	13.47	146	238270	50.198	ug/l	100
89) n-Butylbenzene	13.72	91	519406	51.450	ug/l	99
90) Hexachloroethane	13.98	117	95973	51.558	ug/l	100
91) 1,2-Dichlorobenzene	13.76	146	216496	49.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18880	47.970	ug/l	100

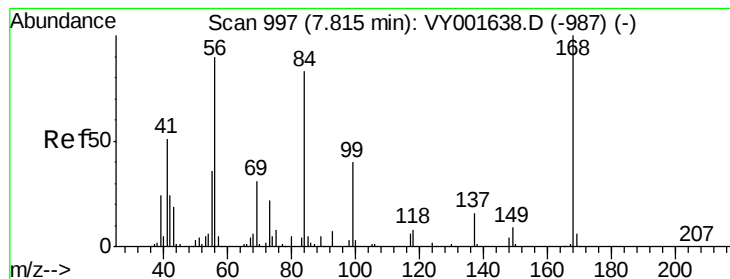
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	133767	46.581	ug/l	99
94) Hexachlorobutadiene	15.13	225	65393	45.788	ug/l	98
95) Naphthalene	15.26	128	315782	47.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.45	180	117133	46.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

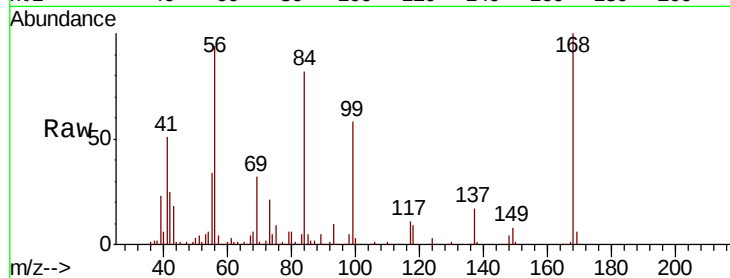
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 201004

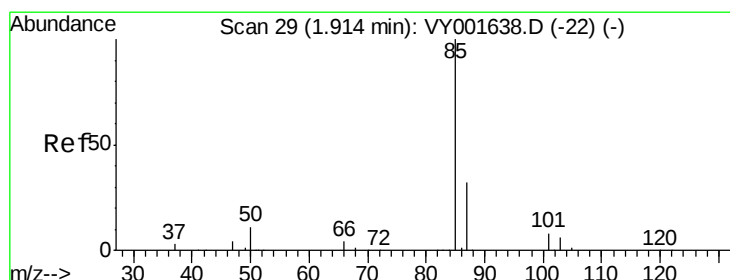
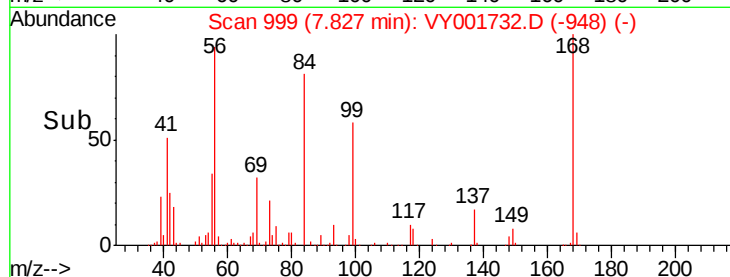
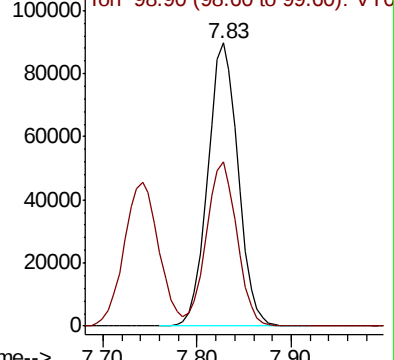
Ion Ratio Lower Upper

168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001732.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 54.401 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001732.D

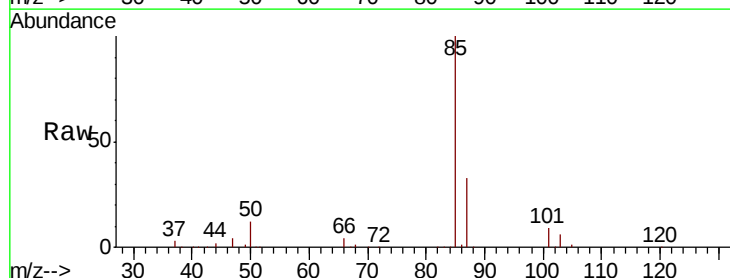
Acq: 21 Feb 2020 10:52

Tgt Ion: 85 Resp: 106589

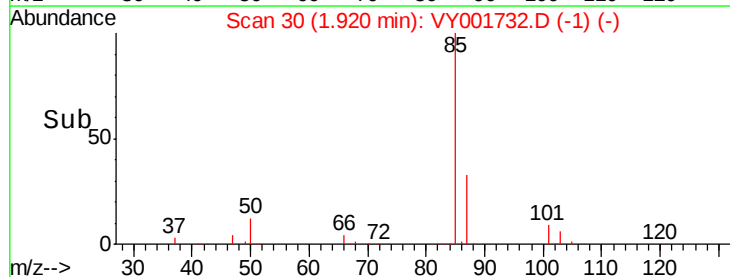
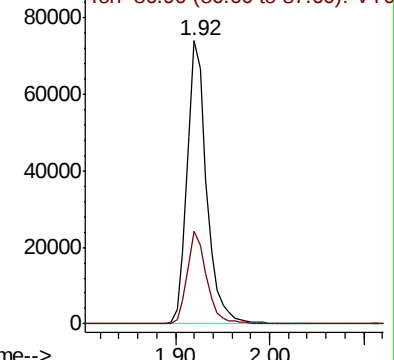
Ion Ratio Lower Upper

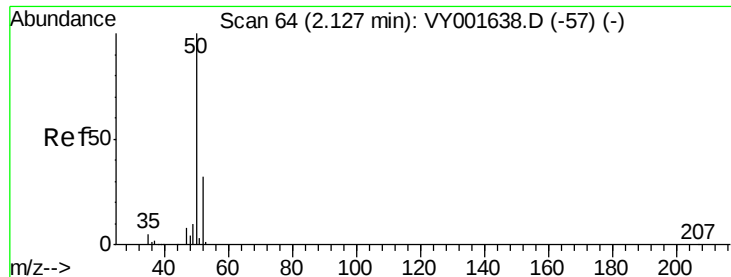
85 100

87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001732.D (-1) (-)





#3

Chloromethane

Concen: 50.329 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

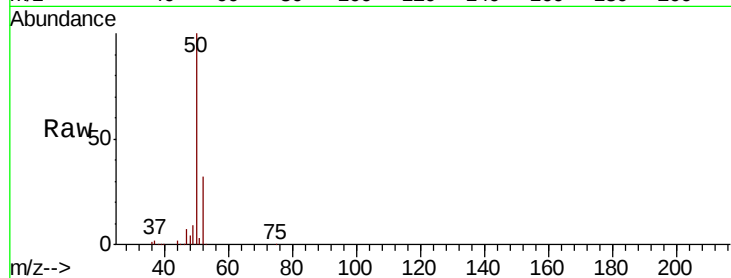
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 132636

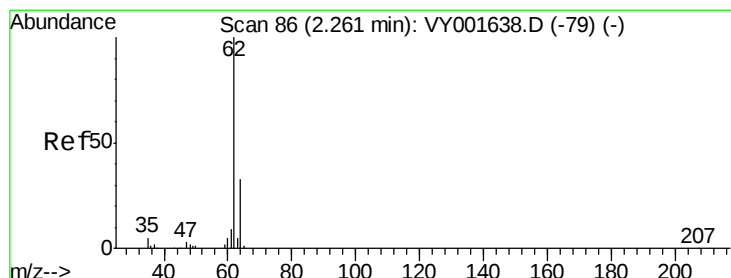
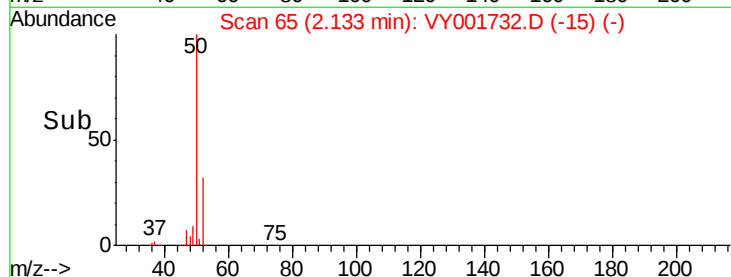
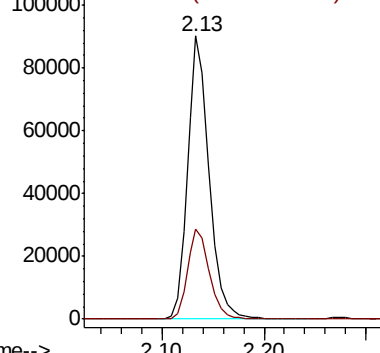
Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.494 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001732.D

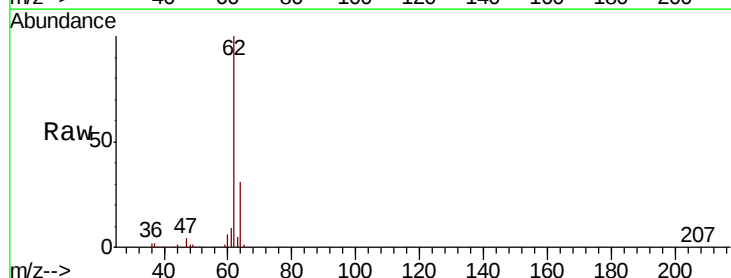
Acq: 21 Feb 2020 10:52

Tgt Ion: 62 Resp: 136878

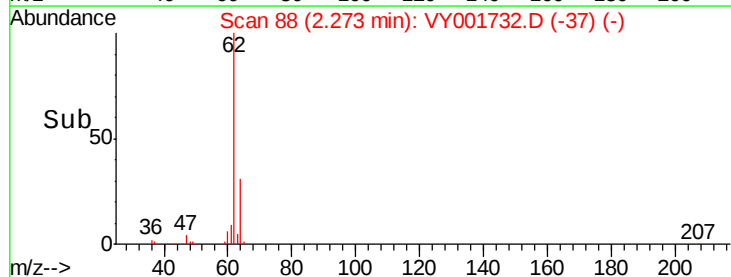
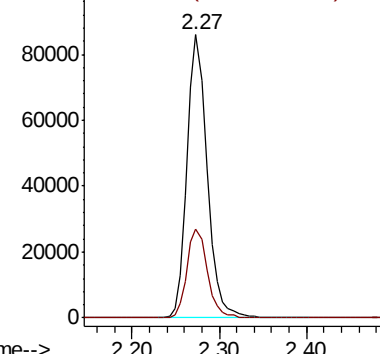
Ion Ratio Lower Upper

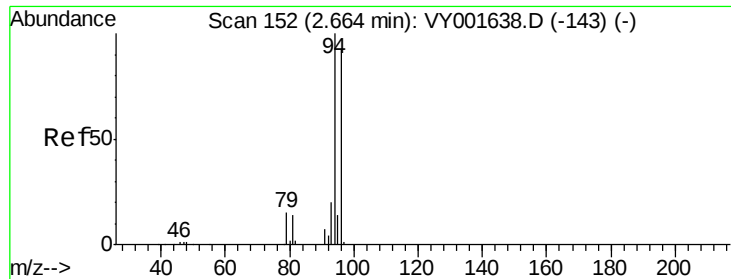
62 100

64 31.3 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 50.969 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

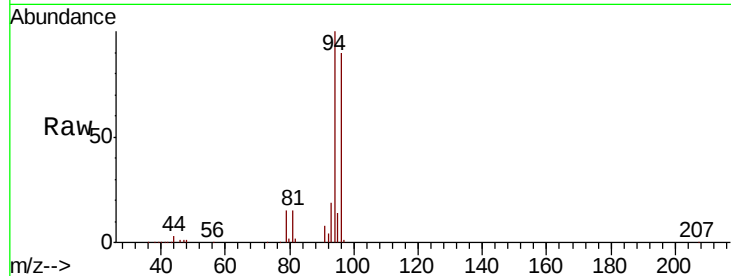
ClientSampleId :

Tot Ion: 94 Resp: 84675

Ion Ratio Lower Upper

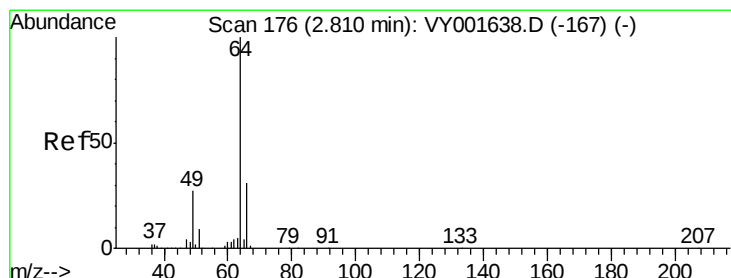
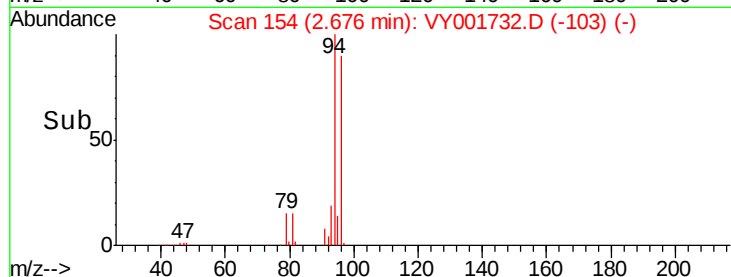
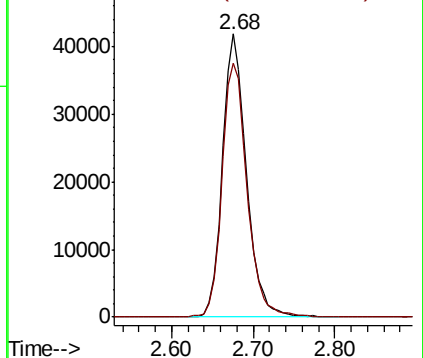
94 100

96 89.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.419 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001732.D

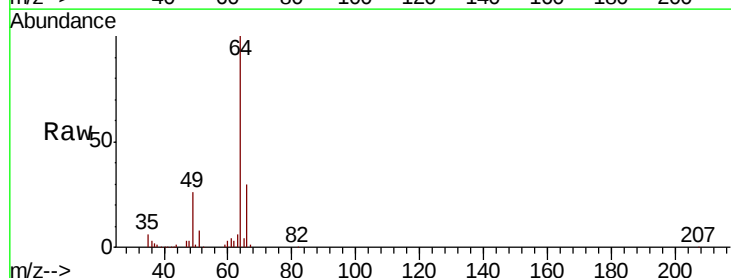
Acq: 21 Feb 2020 10:52

Tgt Ion: 64 Resp: 84224

Ion Ratio Lower Upper

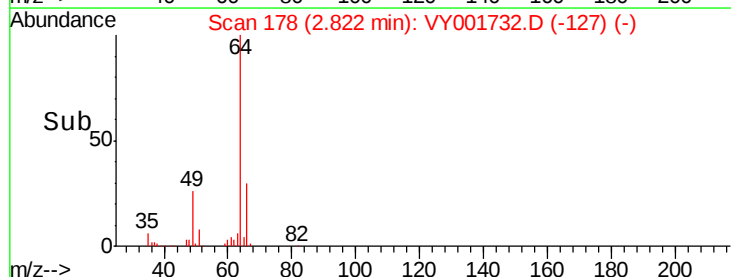
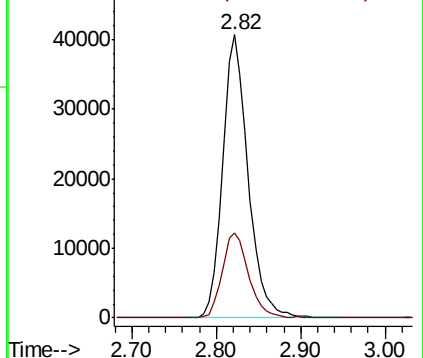
64 100

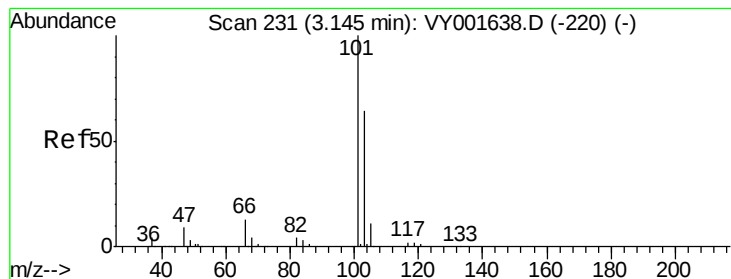
66 30.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



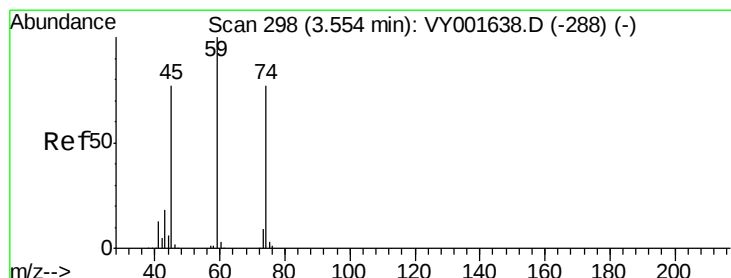
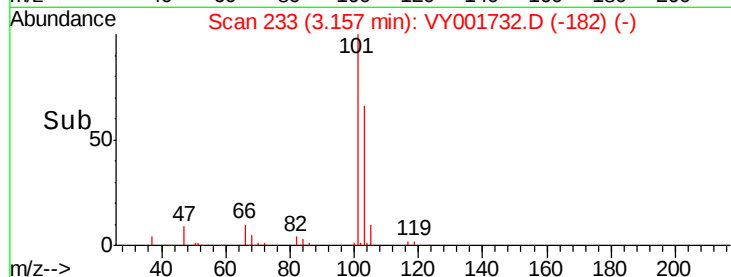
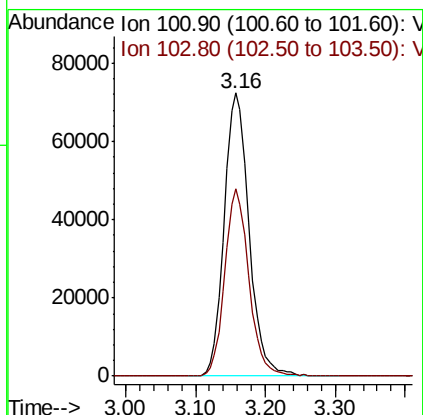
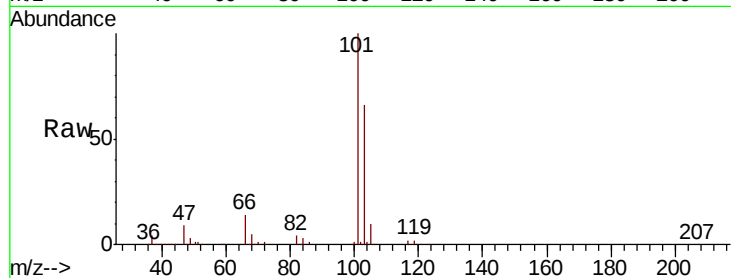


#7

Trichlorofluoromethane
 Concen: 52.518 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :

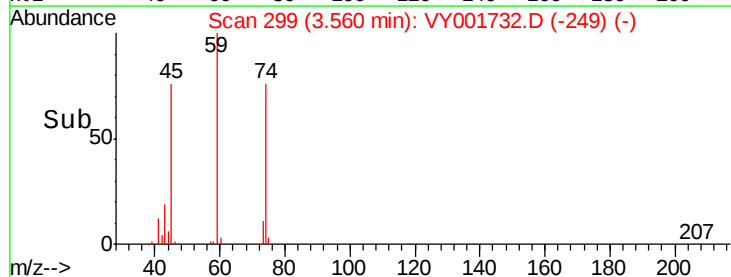
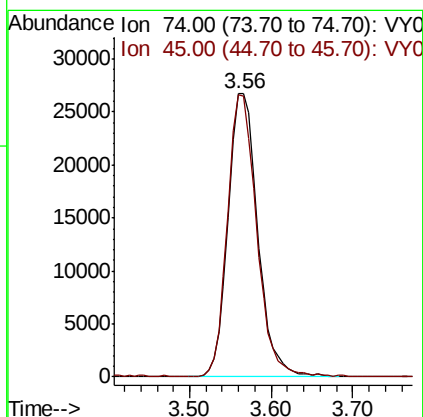
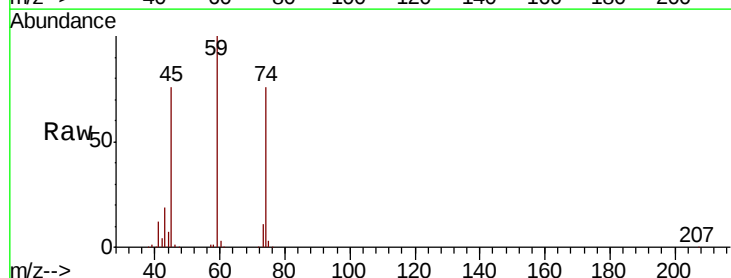
Tot Ion:101 Resp: 178668
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.2

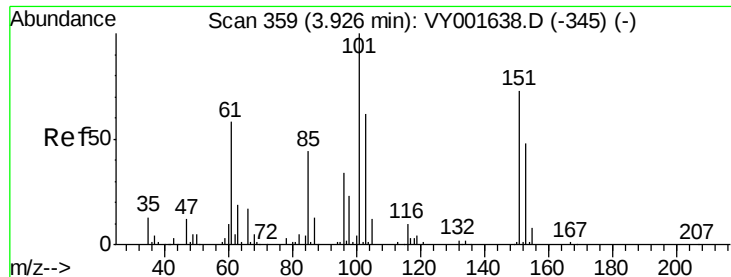


#8

Diethyl Ether
 Concen: 50.091 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion: 74 Resp: 67179
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.6 148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.296 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

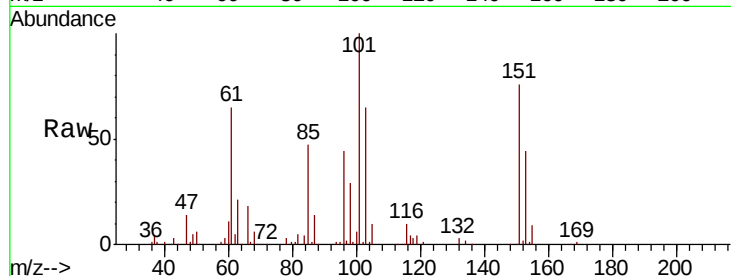
Tot Ion:101 Resp: 111825

Ion Ratio Lower Upper

101 100

85 43.3 35.1 52.7

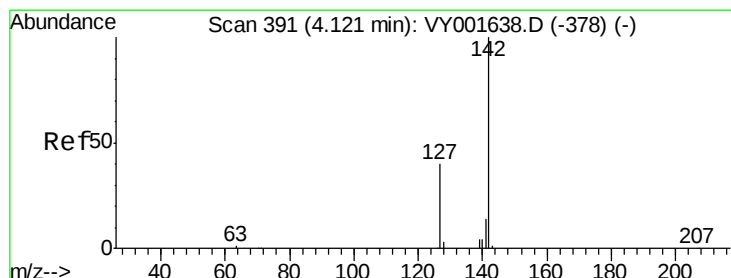
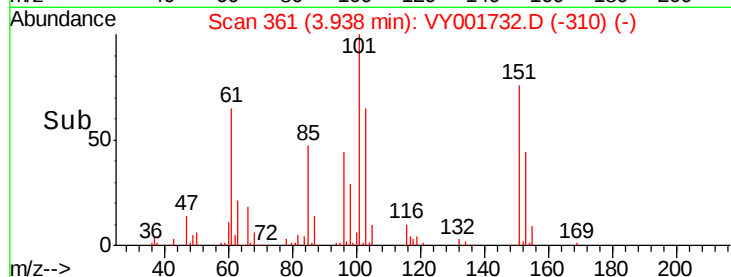
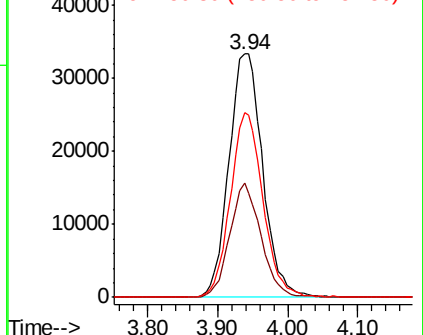
151 73.3 58.4 87.6



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: 52.313 ug/l

RT: 4.13 min Scan# 393

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

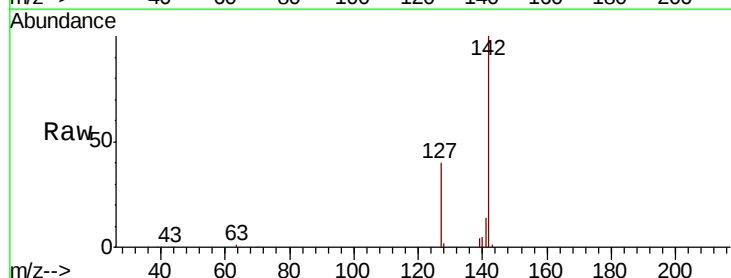
Tgt Ion:142 Resp: 136904

Ion Ratio Lower Upper

142 100

127 40.8 32.1 48.1

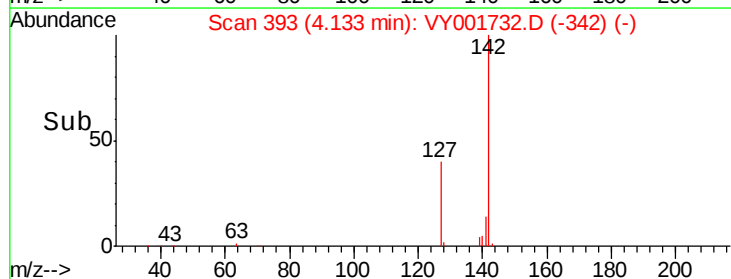
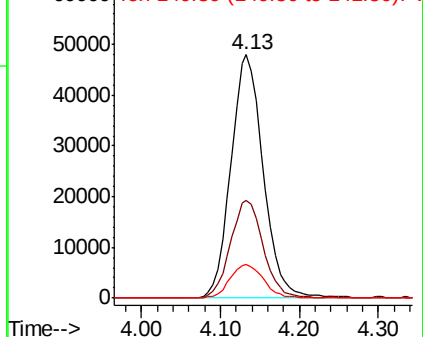
141 14.5 11.3 16.9

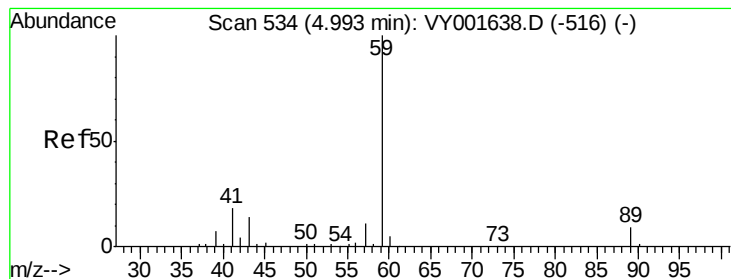


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



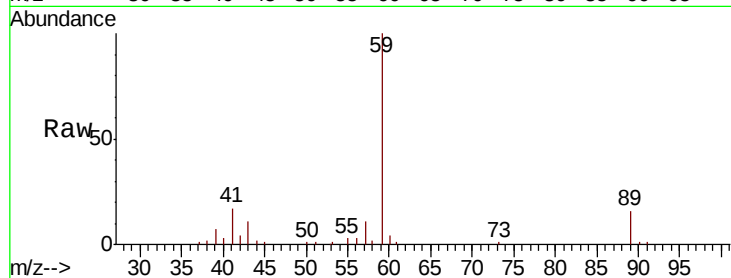


#11

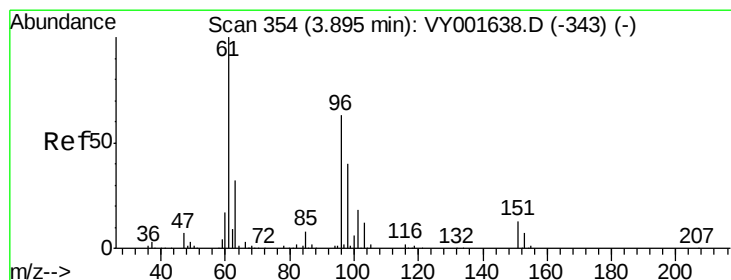
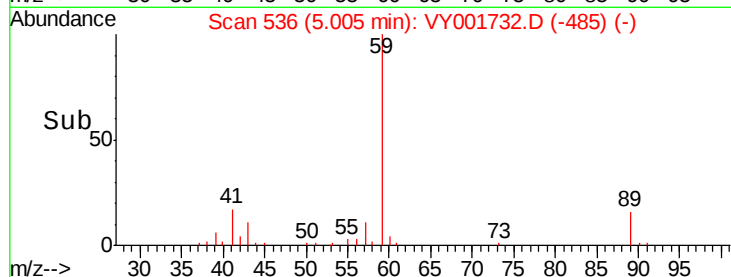
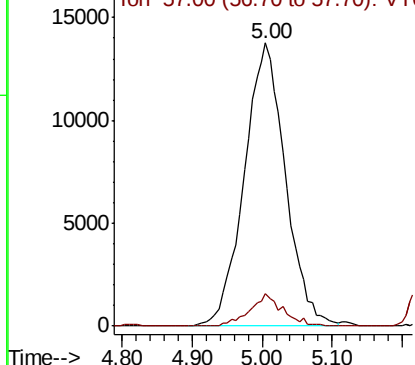
Tert butyl alcohol
Concen: 220.953 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 56080
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.2



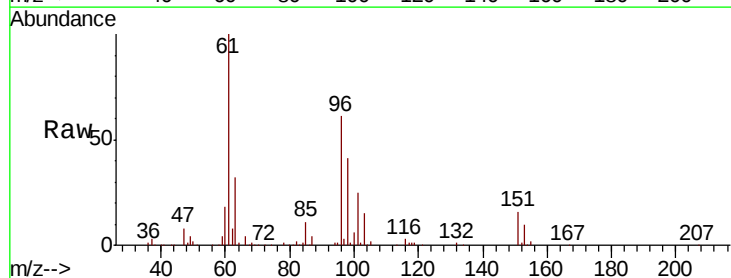
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



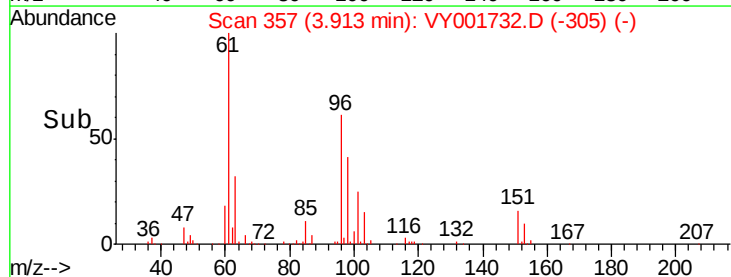
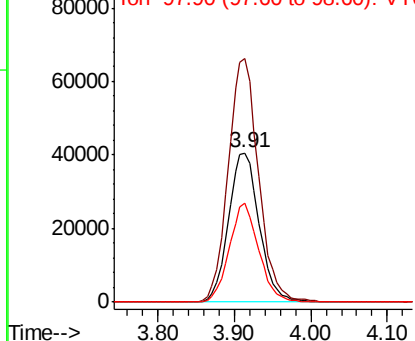
#12

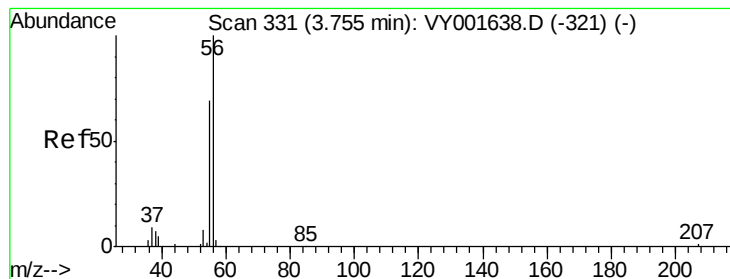
1,1-Dichloroethene
Concen: 51.664 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.02 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 96 Resp: 112676
Ion Ratio Lower Upper
96 100
61 163.0 128.7 193.1
98 66.1 50.7 76.1



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





#13

Acrolein

Concen: 263.720 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

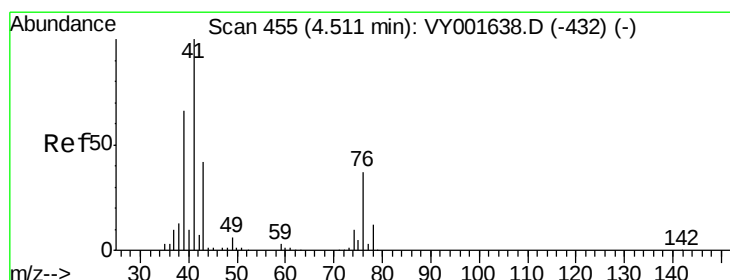
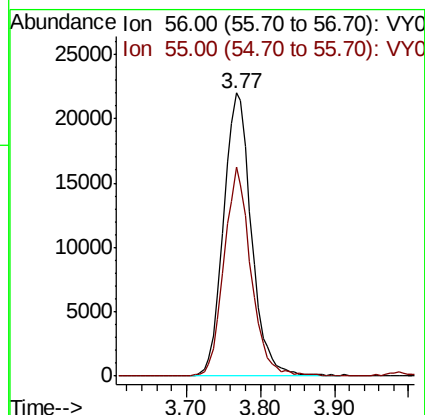
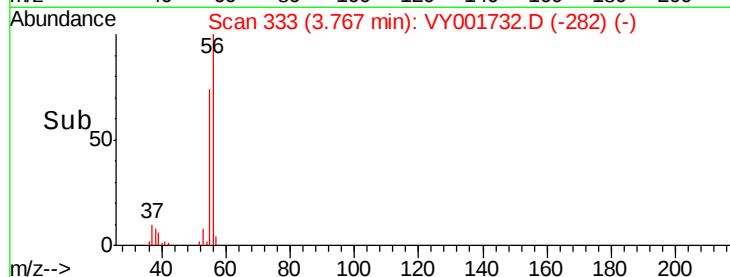
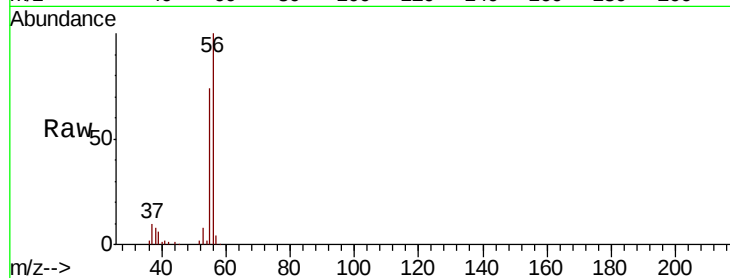
ClientSampleId :

Tot Ion: 56 Resp: 57586

Ion Ratio Lower Upper

56 100

55 71.2 56.1 84.1



#14

Allyl chloride

Concen: 52.271 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

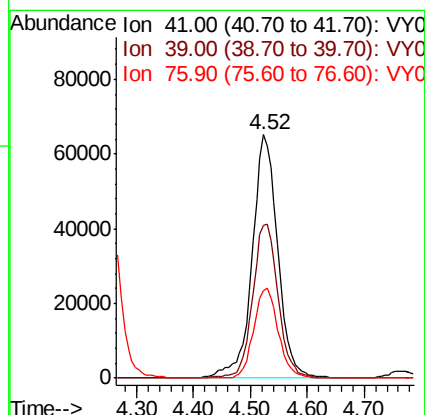
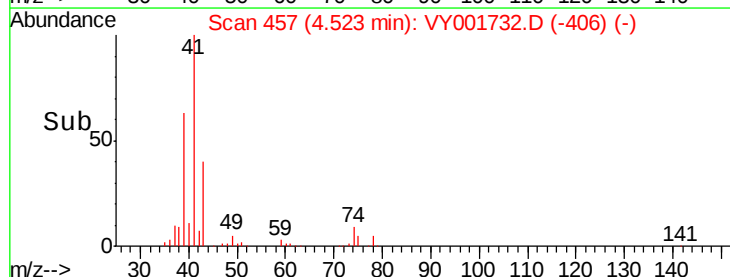
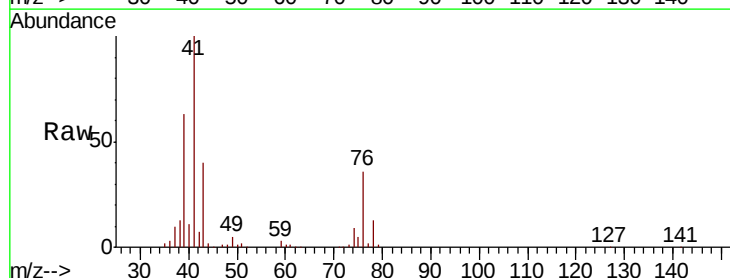
Tgt Ion: 41 Resp: 202886

Ion Ratio Lower Upper

41 100

39 63.0 49.4 74.0

76 35.4 29.0 43.6





#15

Acrylonitrile

Concen: 249.285 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

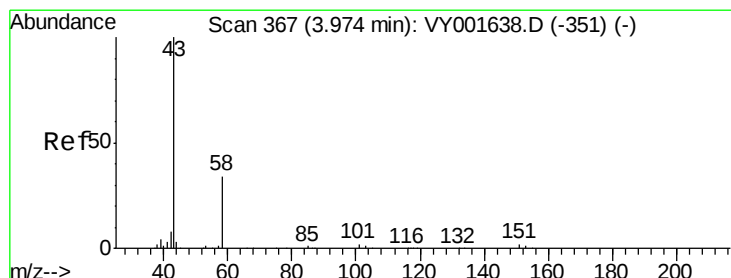
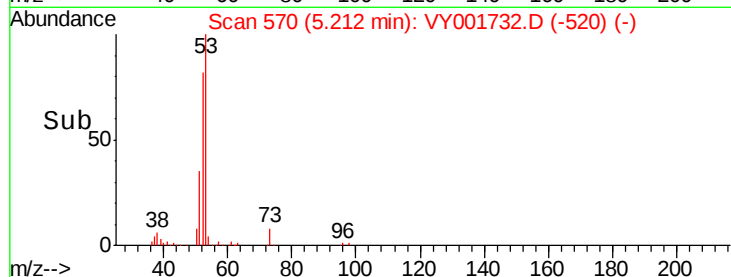
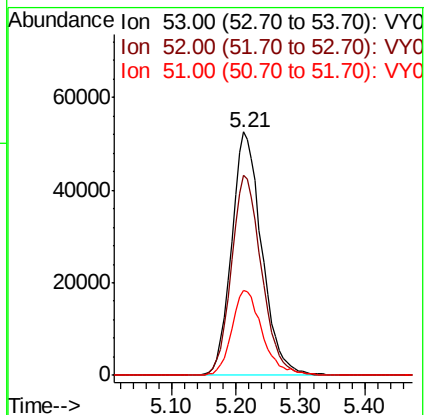
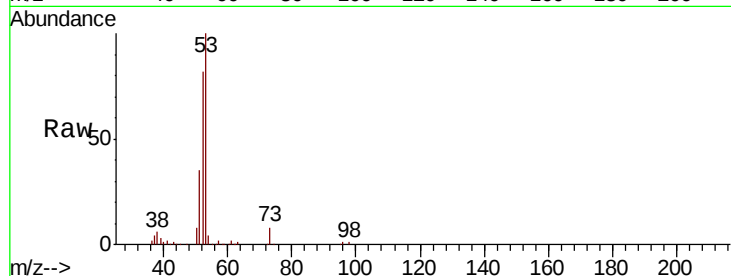
Tot Ion: 53 Resp: 171368

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

51 35.4 28.0 42.0



#16

Acetone

Concen: 261.047 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001732.D

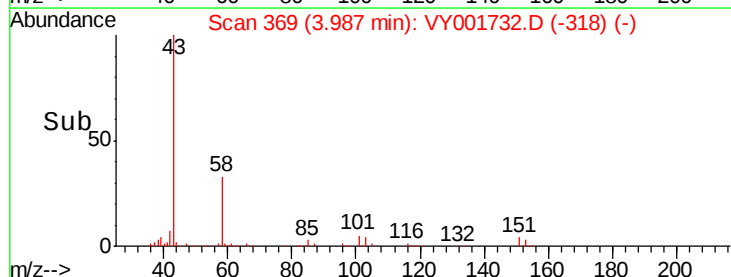
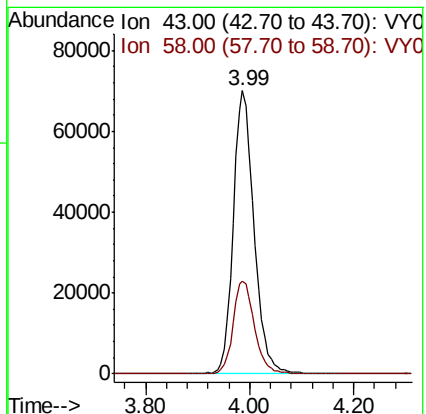
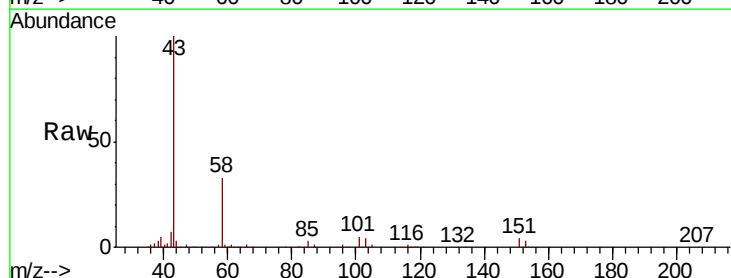
Acq: 21 Feb 2020 10:52

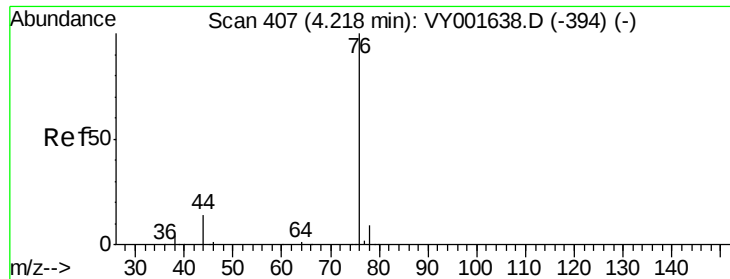
Tgt Ion: 43 Resp: 195291

Ion Ratio Lower Upper

43 100

58 32.5 27.3 40.9

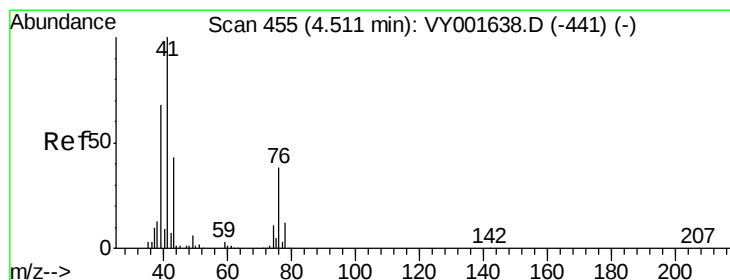
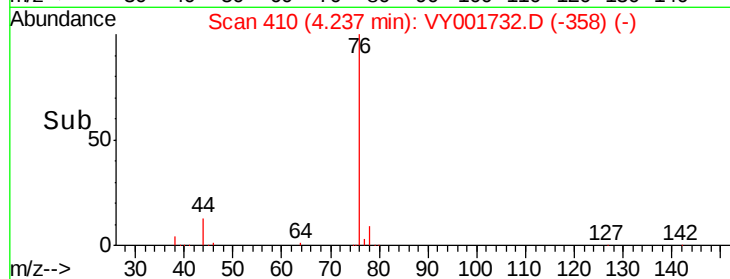
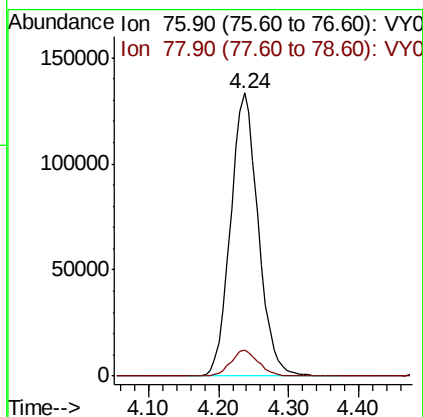
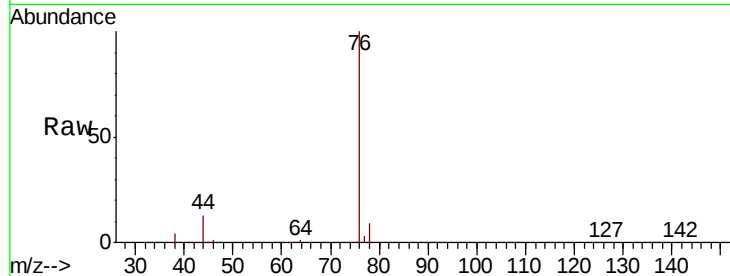




#17
Carbon Disulfide
Concen: 50.306 ug/l
RT: 4.24 min Scan# 410
Delta R.T. 0.02 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

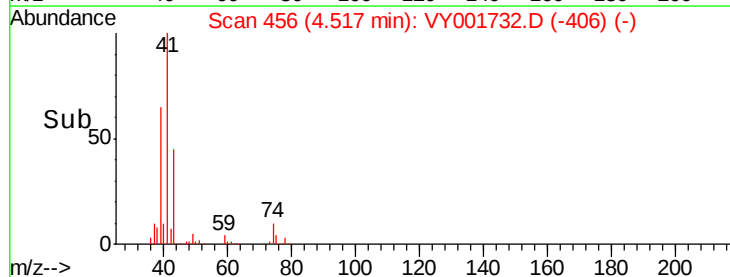
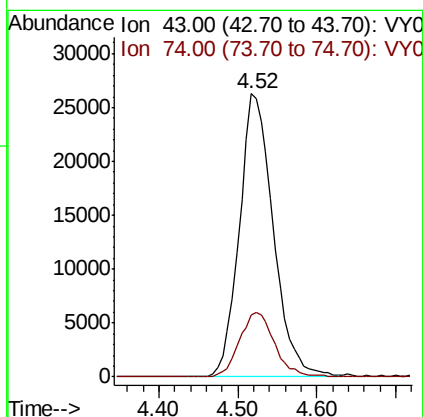
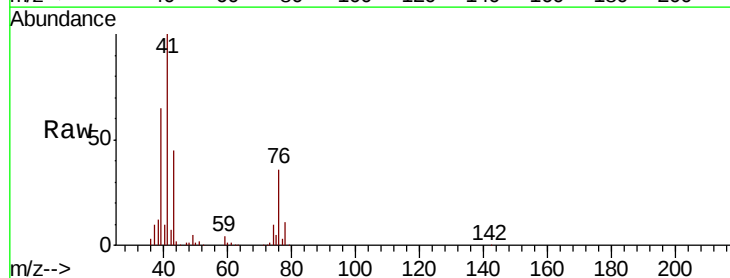
Instrument :
MSVOA_Y
ClientSampled :

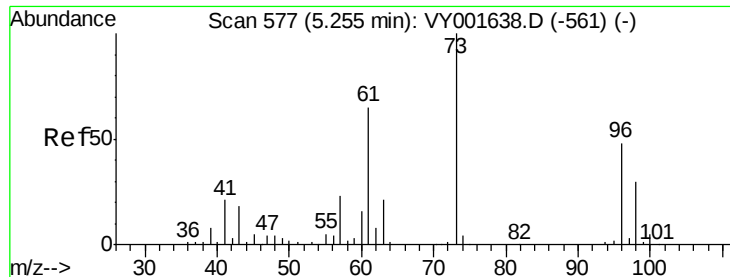
Tot Ion: 76 Resp: 366286
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 48.330 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 43 Resp: 78739
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7

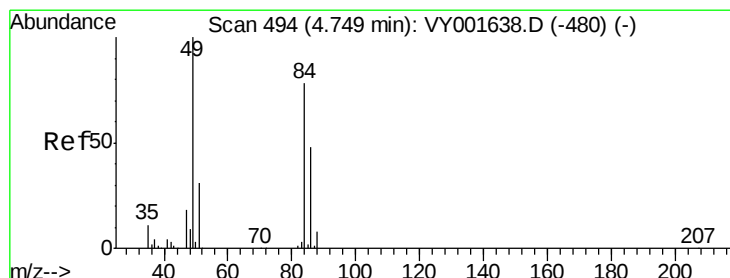
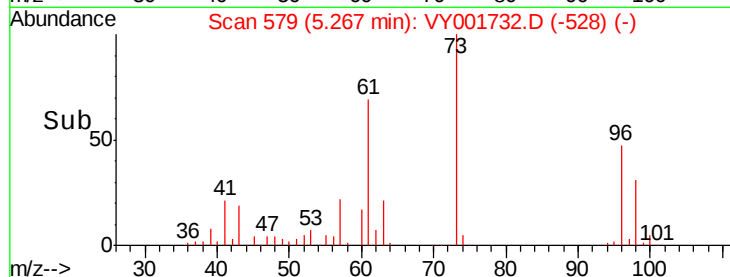
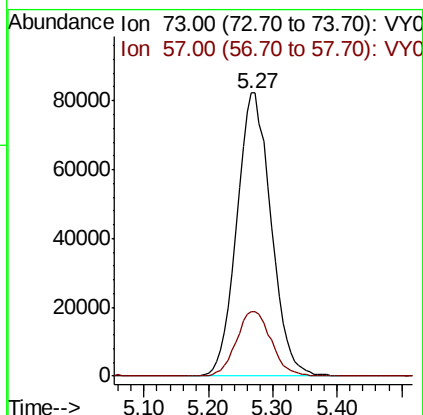
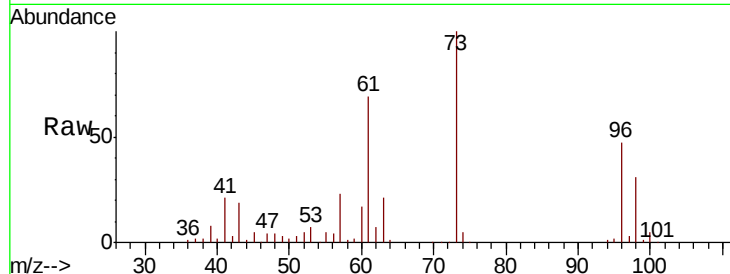




#19
Methvl tert-butvl Ether
Concen: 49.904 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

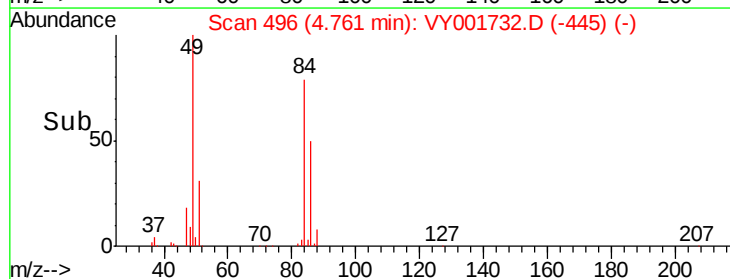
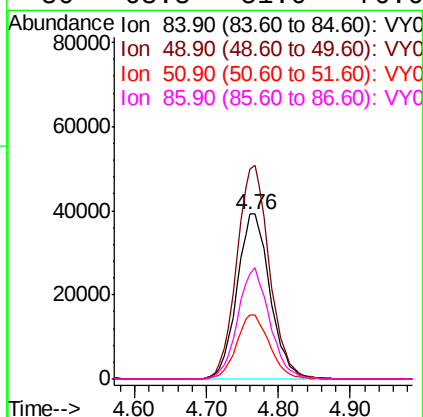
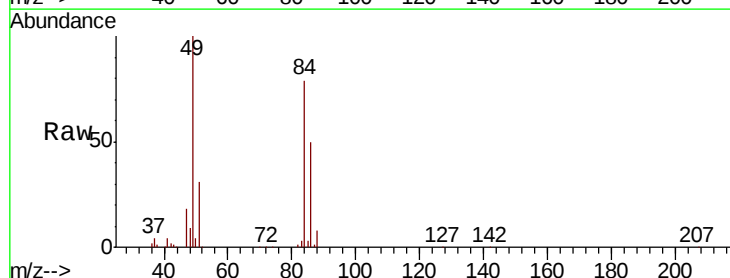
Instrument :
MSVOA_Y
ClientSampled :

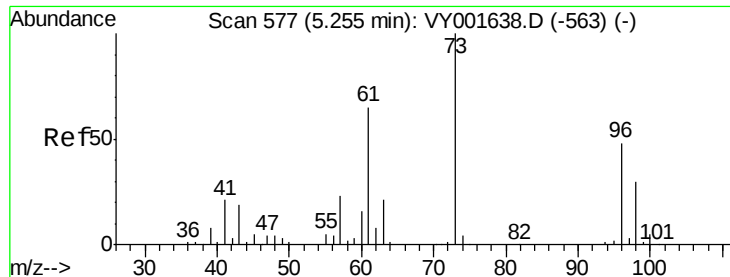
Tot Ion: 73 Resp: 303023
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.6



#20
Methylene Chloride
Concen: 47.109 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 84 Resp: 125181
Ion Ratio Lower Upper
84 100
49 127.2 99.2 148.8
51 38.9 31.5 47.3
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.089 ug/l

RT: 5.27 min Scan# 580

Delta R.T. 0.02 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

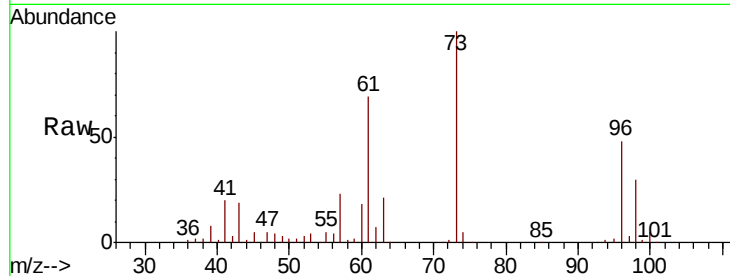
Tot Ion: 96 Resp: 124637

Ion Ratio Lower Upper

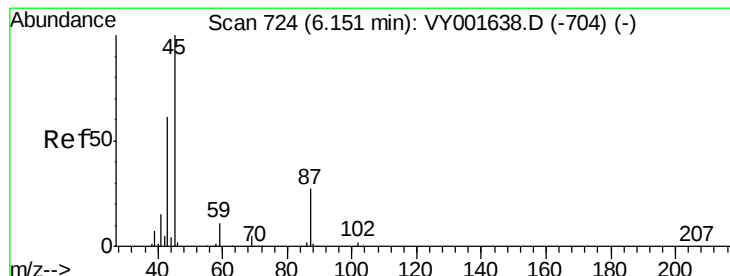
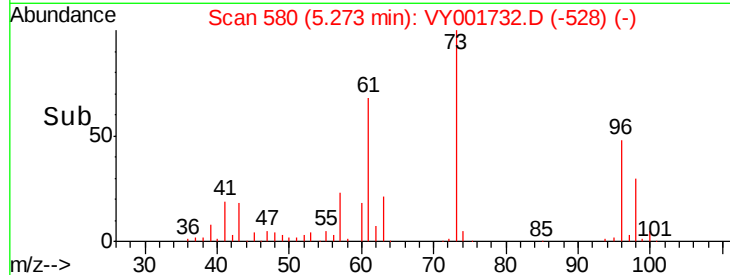
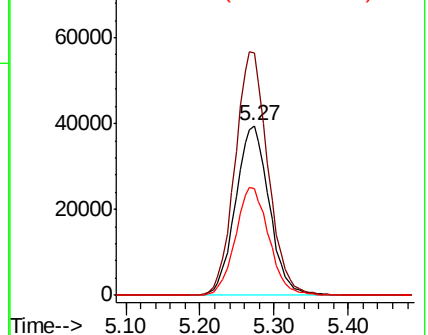
96 100

61 142.5 107.9 161.9

98 63.1 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: 51.085 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Tgt Ion: 45 Resp: 407197

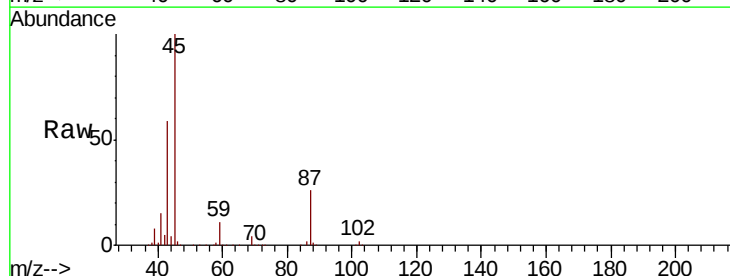
Ion Ratio Lower Upper

45 100

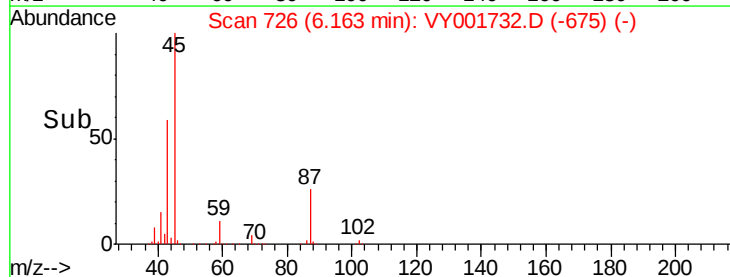
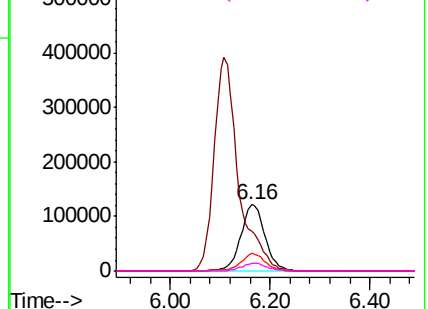
43 59.1 46.4 69.6

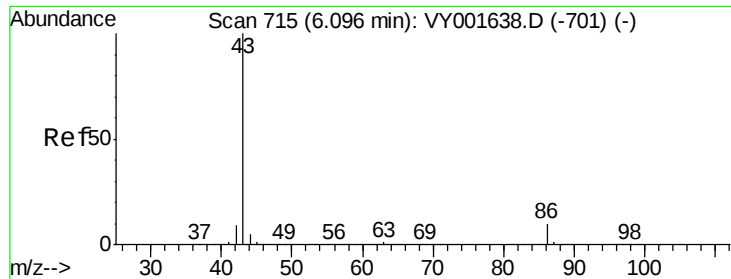
87 26.3 22.1 33.1

59 11.2 9.4 14.0



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





#23

Vinyl Acetate

Concen: 254.607 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

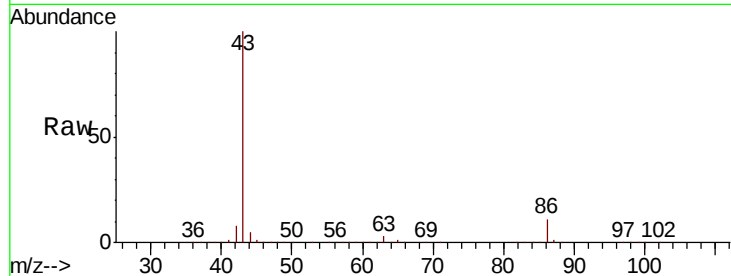
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1323806

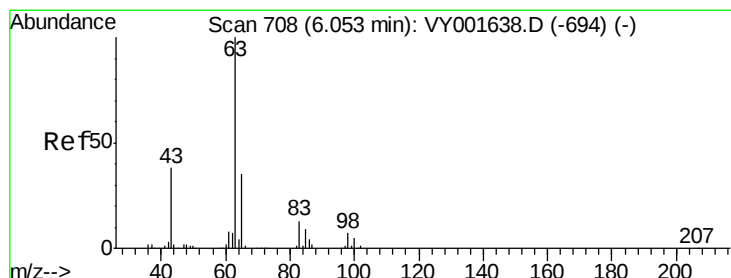
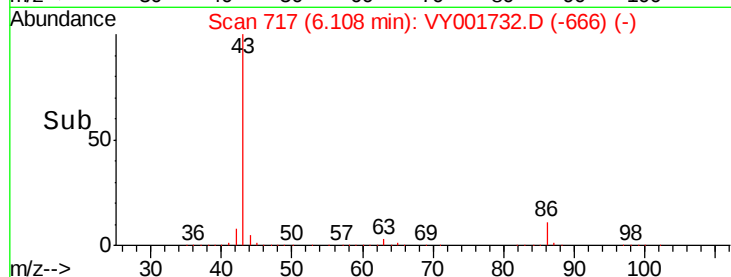
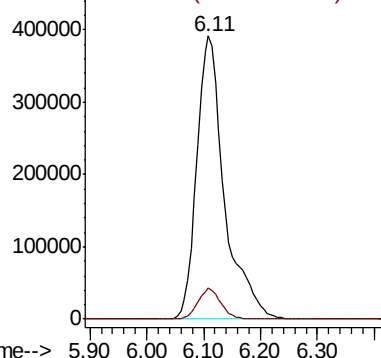
Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



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



#24

1,1-Dichloroethane

Concen: 51.657 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.02 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

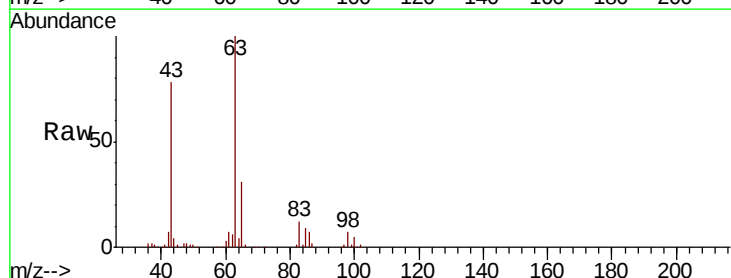
Tgt Ion: 63 Resp: 220072

Ion Ratio Lower Upper

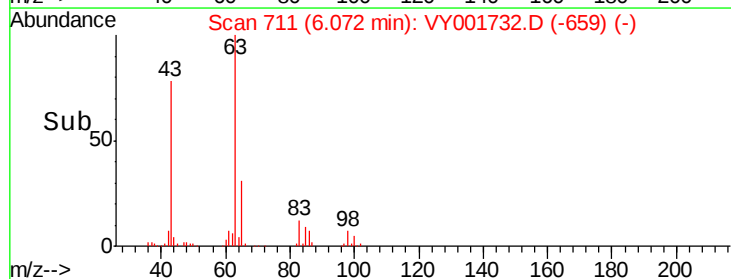
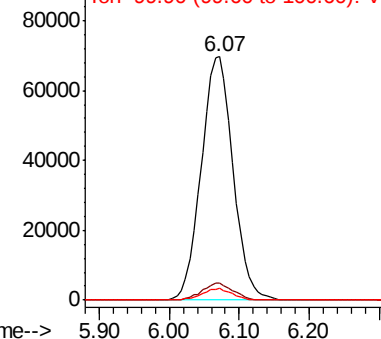
63 100

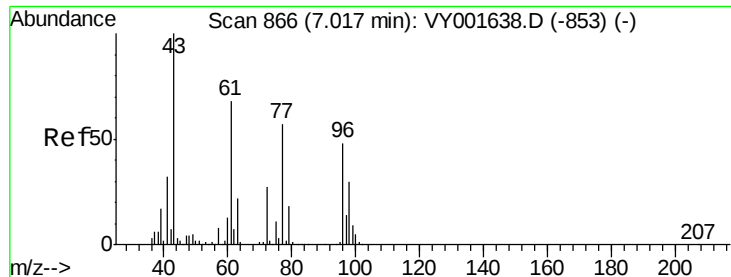
98 6.8 3.4 10.2

100 4.8 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





#25

2-Butanone

Concen: 254.298 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

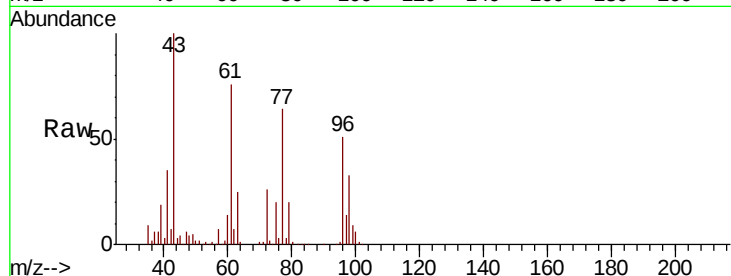
ClientSampled :

Tot Ion: 43 Resp: 258437

Ion Ratio Lower Upper

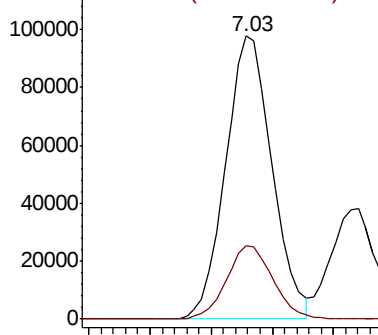
43 100

72 26.1 21.2 31.8

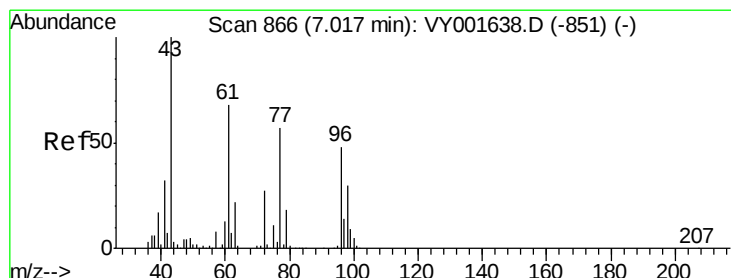
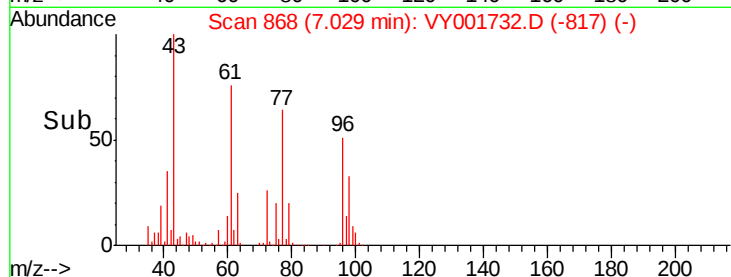


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 51.585 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001732.D

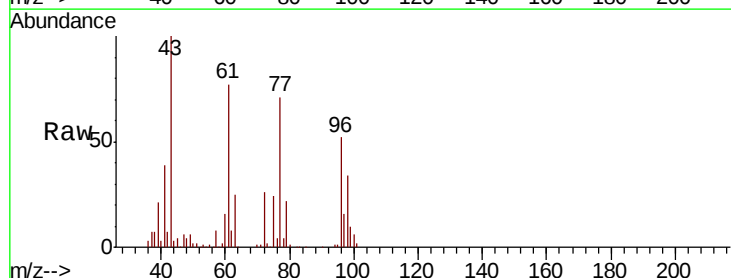
Acq: 21 Feb 2020 10:52

Tgt Ion: 77 Resp: 191202

Ion Ratio Lower Upper

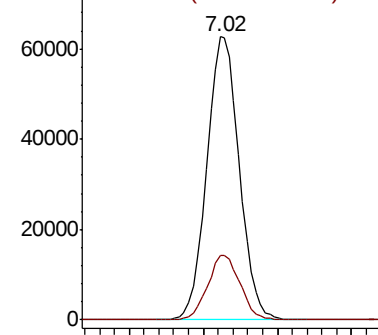
77 100

97 22.8 11.8 35.4

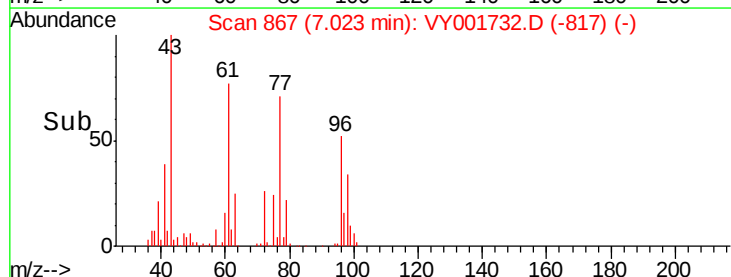


Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->



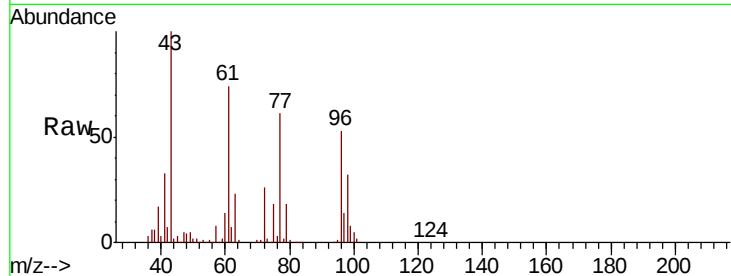


#27

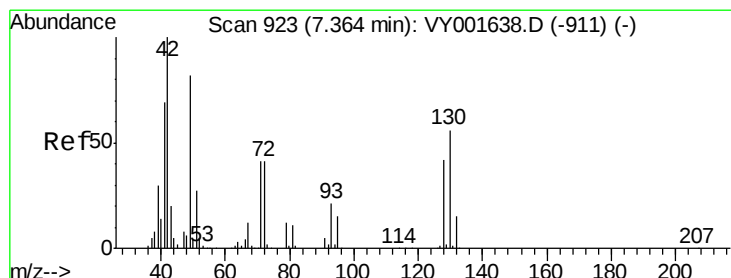
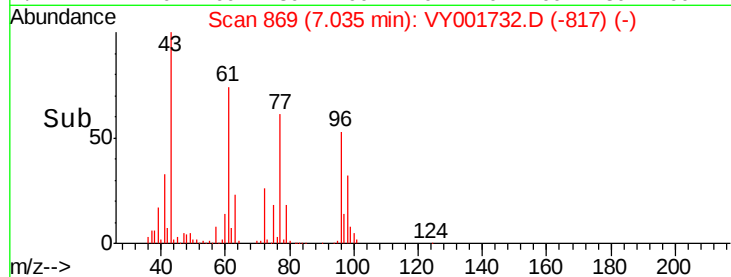
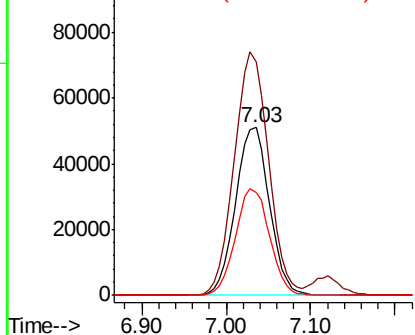
cis-1,2-Dichloroethene
Concen: 50.572 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.8
98	63.9	0.0	128.6



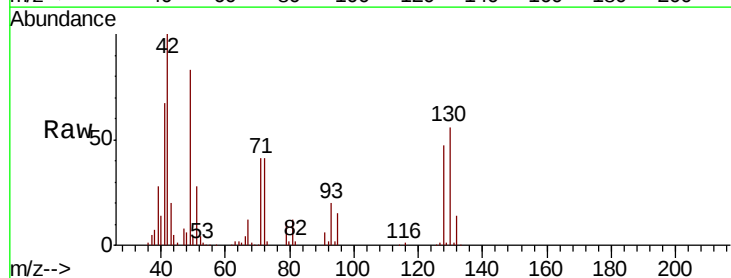
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



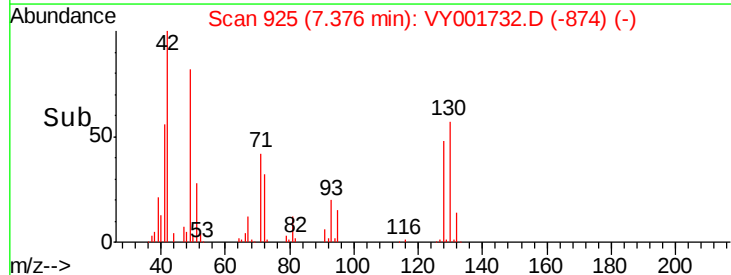
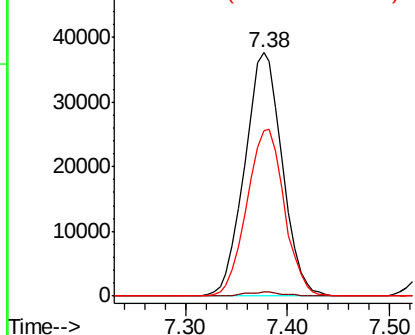
#28

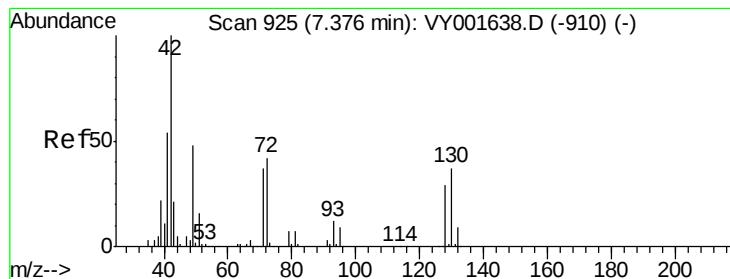
Bromochloromethane
Concen: 54.285 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.3	56.2	84.4



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





#29

Tetrahydrofuran

Concen: 245.137 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.01 min

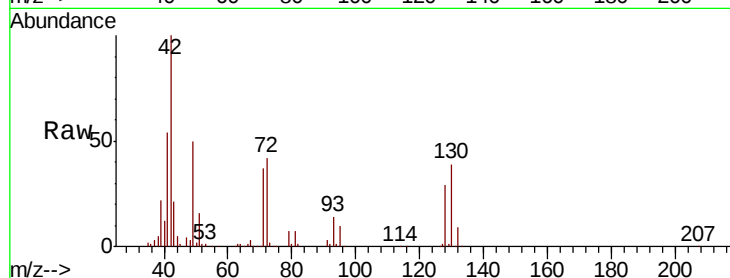
Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 150577

Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.4	51.6
71	39.7	31.8	47.8

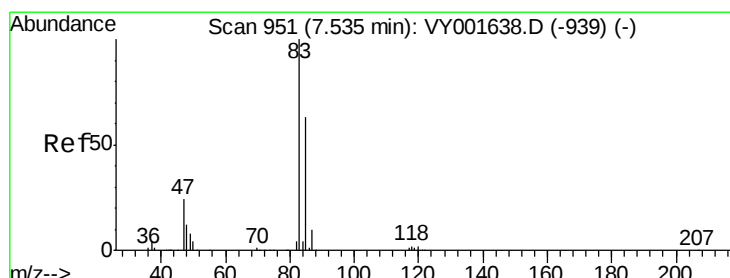
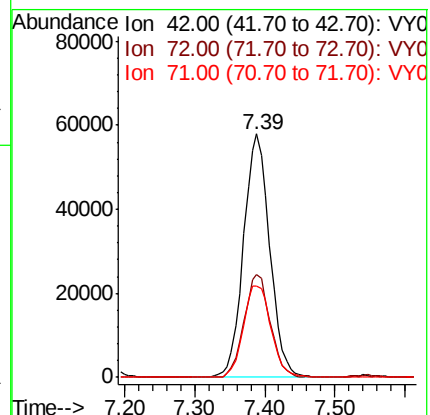
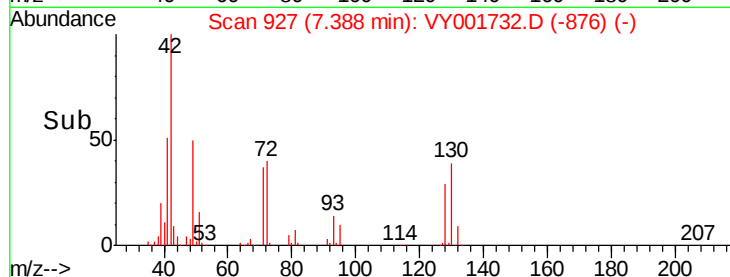


Abundance

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: 50.674 ug/l

RT: 7.55 min Scan# 953

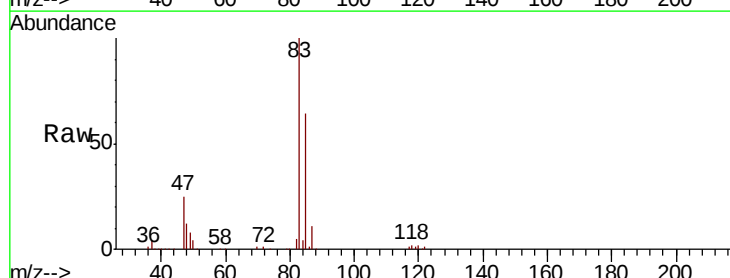
Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Tgt Ion: 83 Resp: 210943

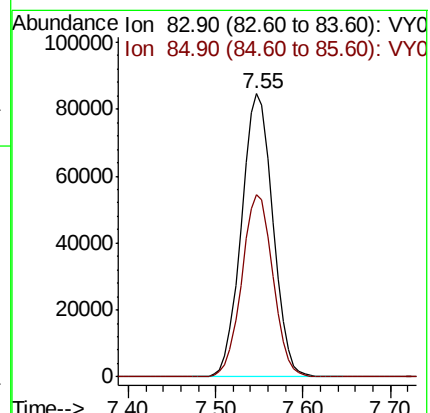
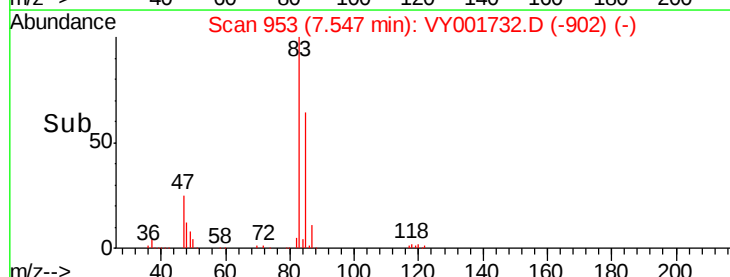
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4

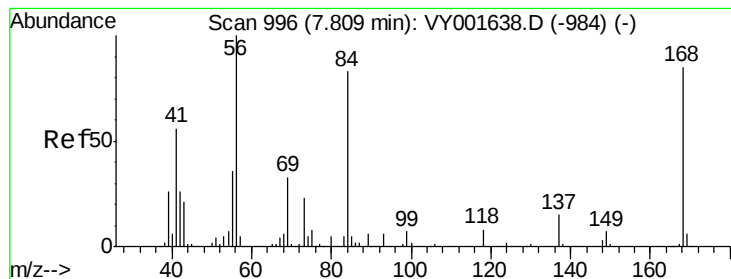


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.860 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

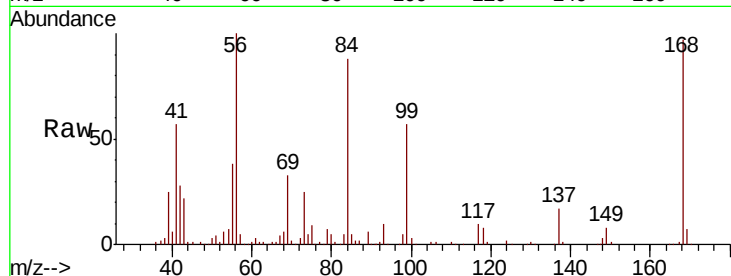
Tot Ion: 56 Resp: 226482

Ion Ratio Lower Upper

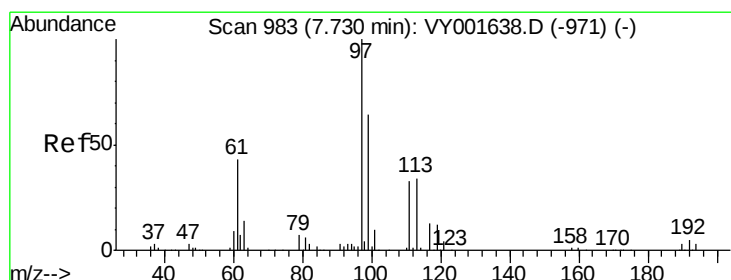
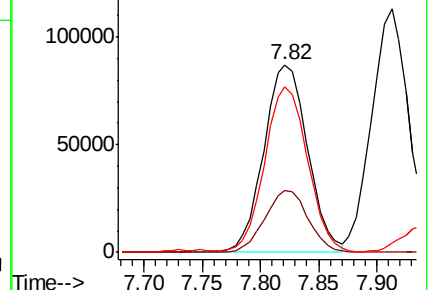
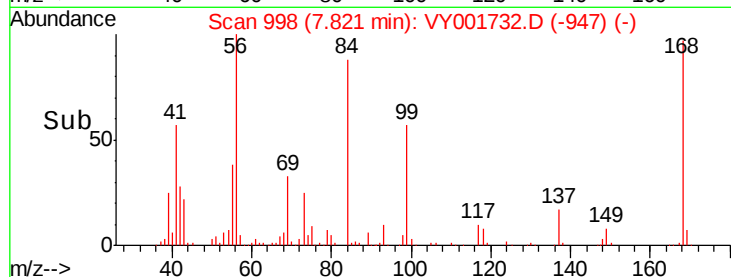
56 100

69 32.8 25.1 37.7

84 87.1 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: 51.970 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

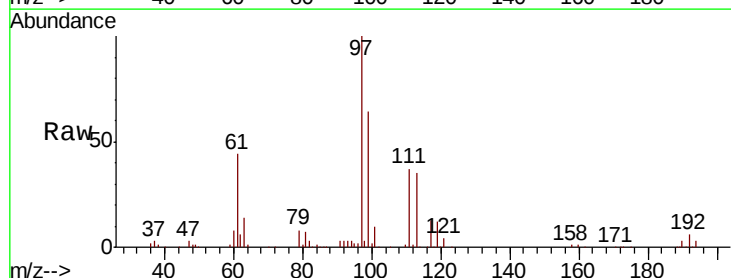
Tgt Ion: 97 Resp: 181826

Ion Ratio Lower Upper

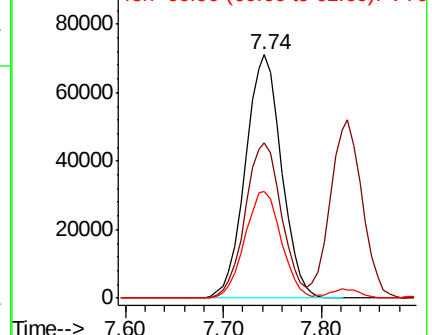
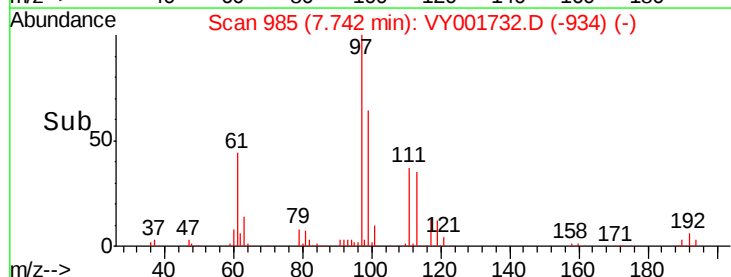
97 100

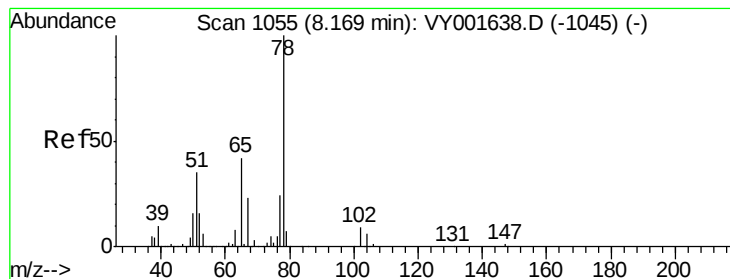
99 64.1 51.2 76.8

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: 46.316 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

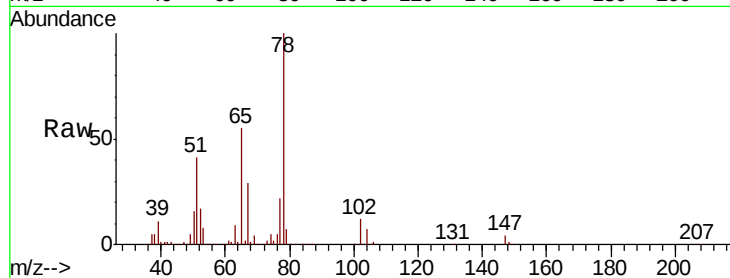
ClientSampleId :

Tot Ion: 65 Resp: 100140

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001732.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001732.D (-1045) (-)

8.17

50000

40000

30000

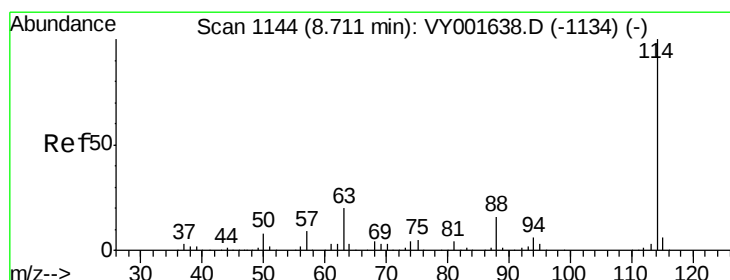
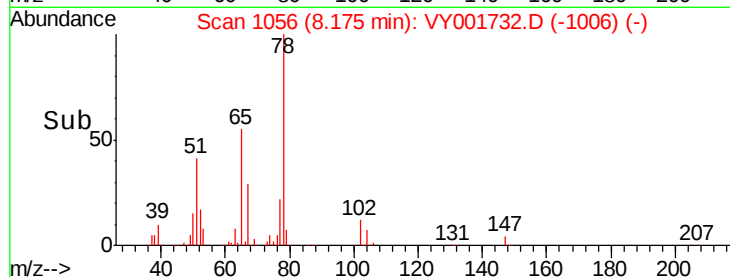
20000

10000

0

8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

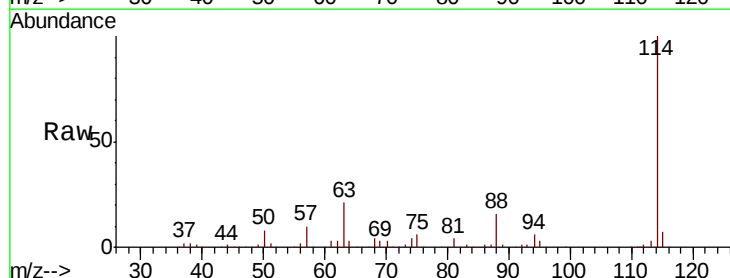
Tgt Ion: 114 Resp: 356393

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VY001732.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001732.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001732.D (-1095) (-)

8.72

250000

200000

150000

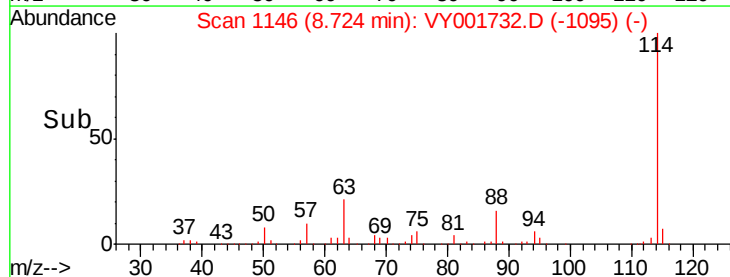
100000

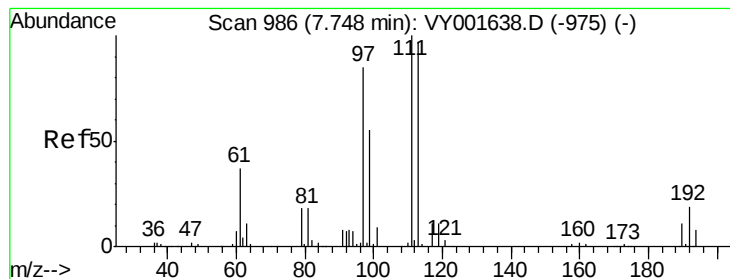
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#35

Dibromofluoromethane

Concen: 45.847 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

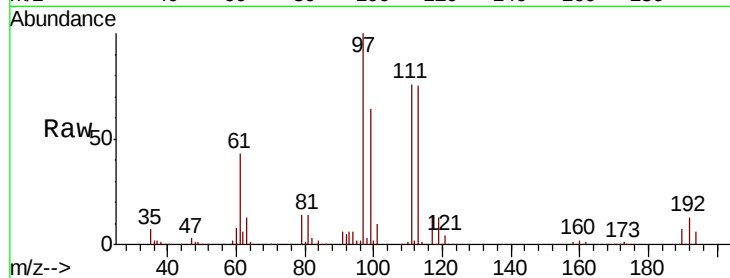
Tot Ion:113 Resp: 93586

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

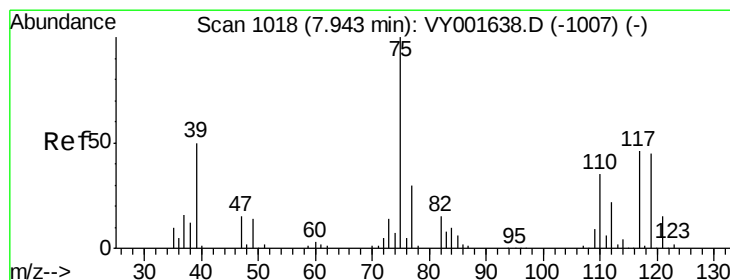
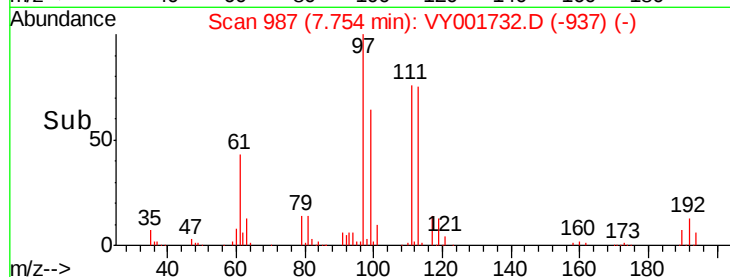
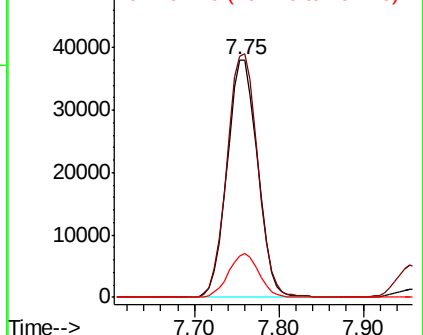
192 18.3 14.3 21.5



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: 51.612 ug/l

RT: 7.96 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

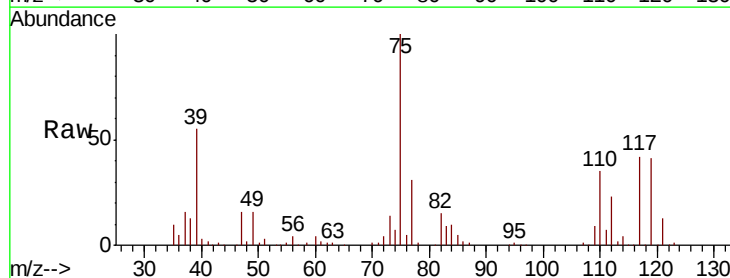
Tgt Ion: 75 Resp: 175699

Ion Ratio Lower Upper

75 100

110 35.2 17.2 51.6

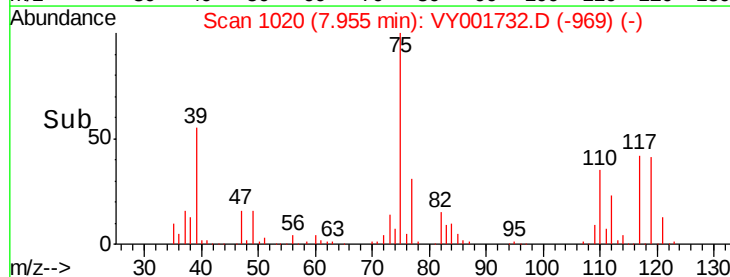
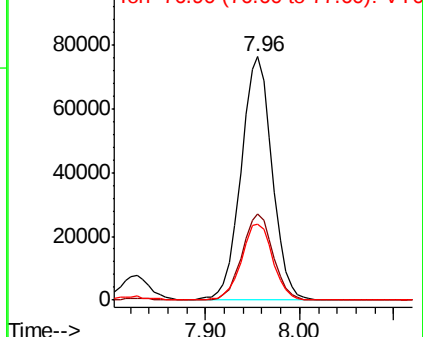
77 31.8 24.8 37.2

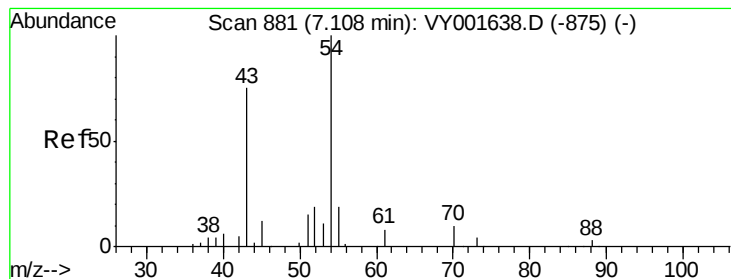


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 49.475 ug/l

RT: 7.12 min Scan# 883

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

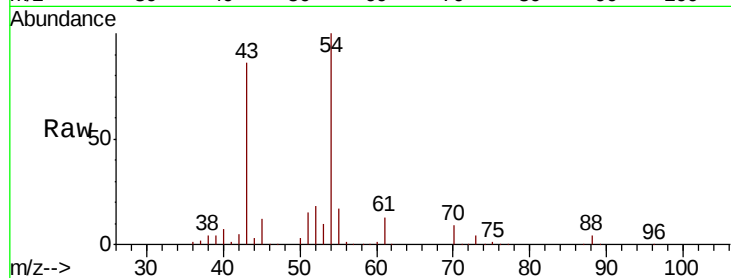
Tot Ion: 43 Resp: 100524

Ion Ratio Lower Upper

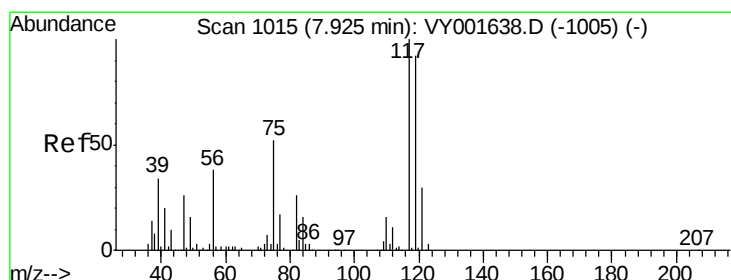
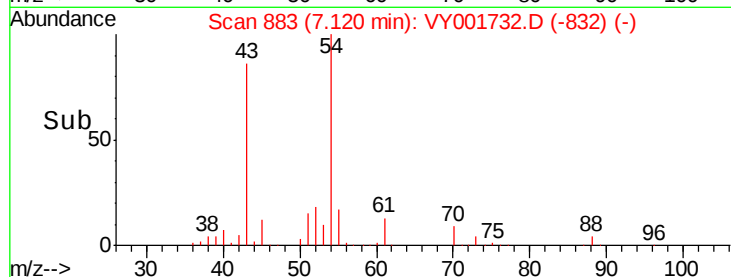
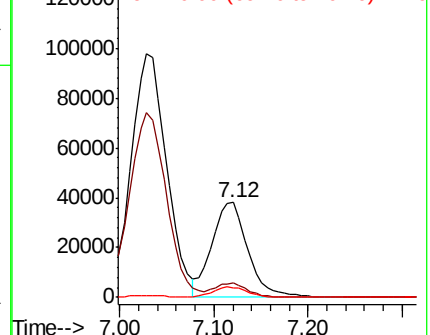
43 100

61 13.5 11.0 16.6

70 10.4 8.8 13.2



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



#38

Carbon Tetrachloride

Concen: 51.990 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

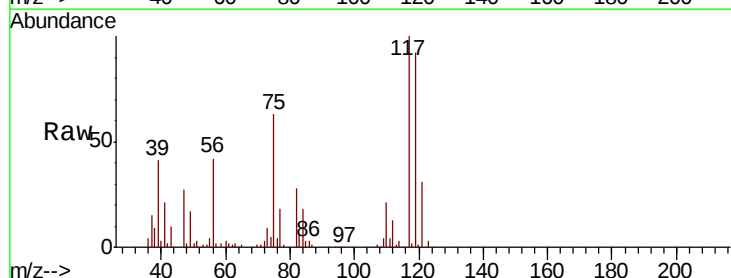
Tgt Ion: 117 Resp: 155456

Ion Ratio Lower Upper

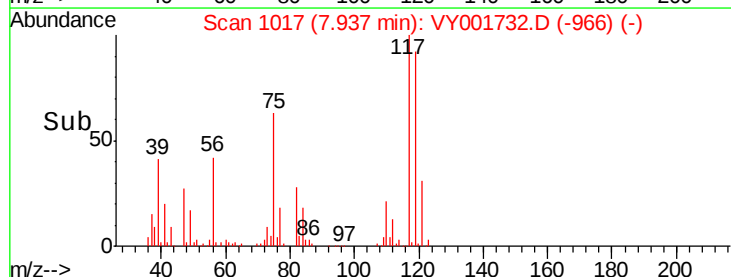
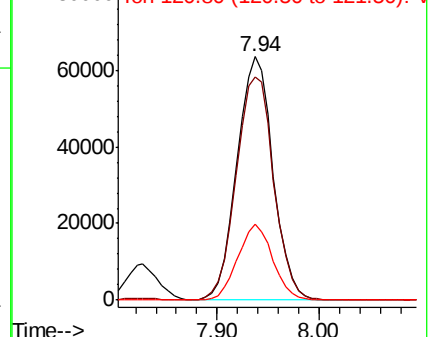
117 100

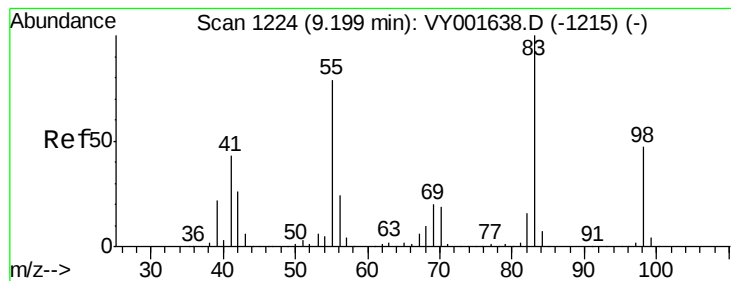
119 91.9 74.8 112.2

121 31.4 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: 51.381 ug/l

RT: 9.21 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

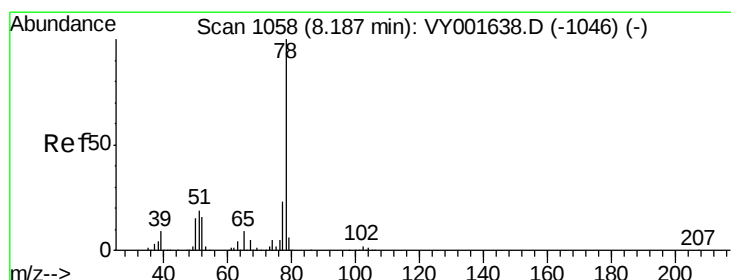
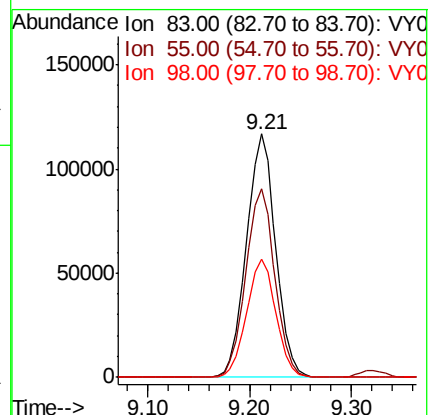
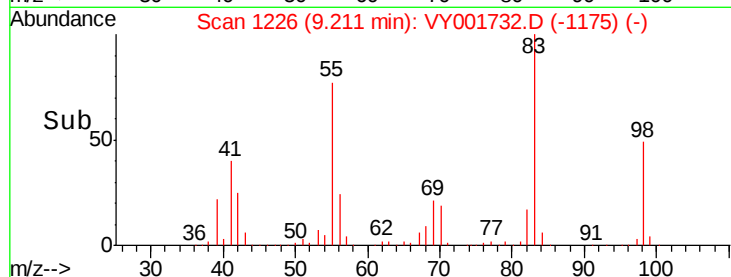
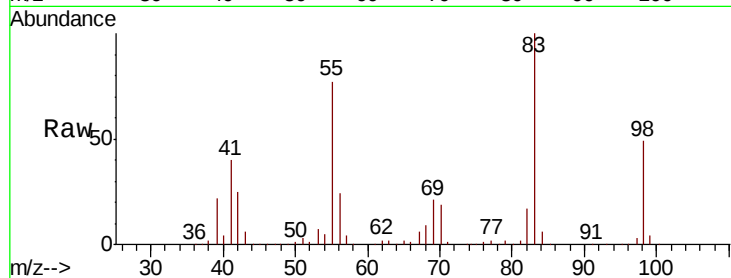
Tot Ion: 83 Resp: 232051

Ion Ratio Lower Upper

83 100

55 77.3 61.3 91.9

98 48.7 38.0 57.0



#40

Benzene

Concen: 51.944 ug/l

RT: 8.19 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VY001732.D

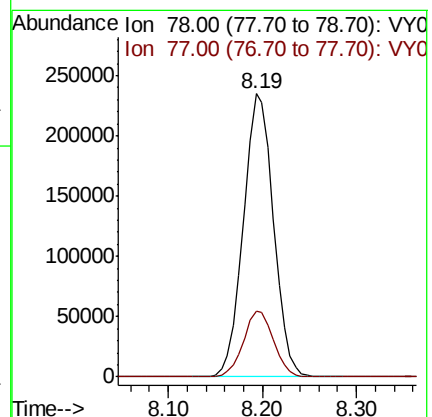
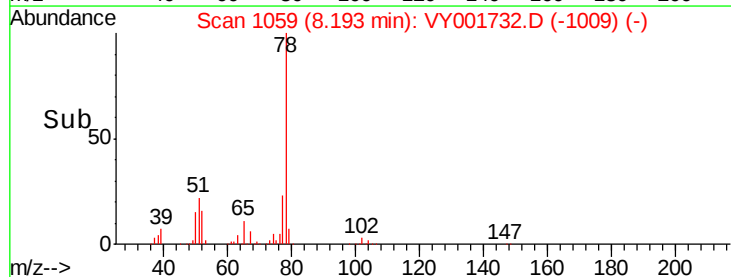
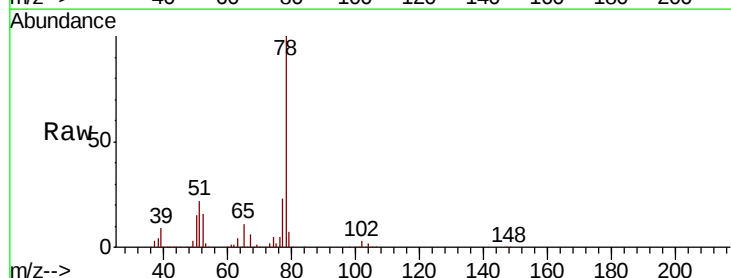
Acq: 21 Feb 2020 10:52

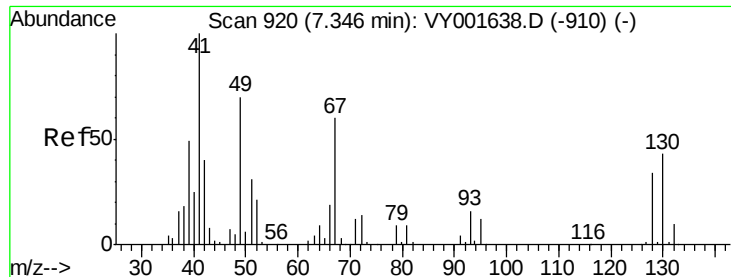
Tgt Ion: 78 Resp: 520069

Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.4

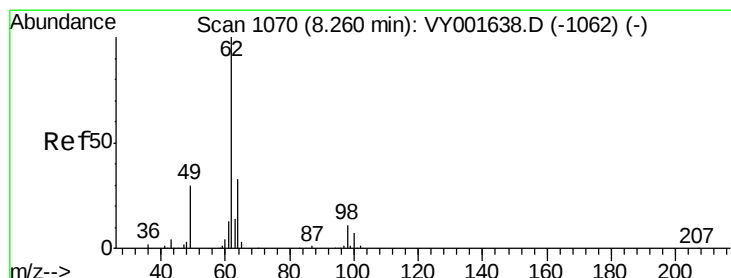
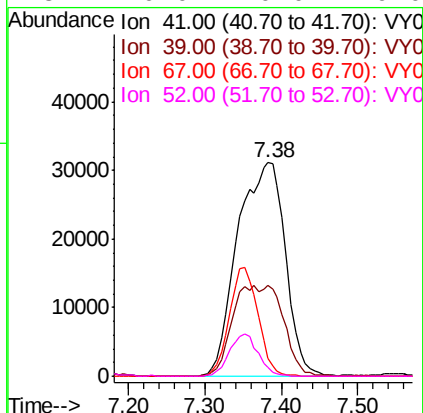
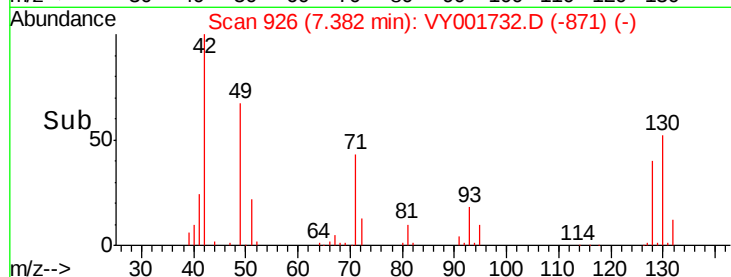
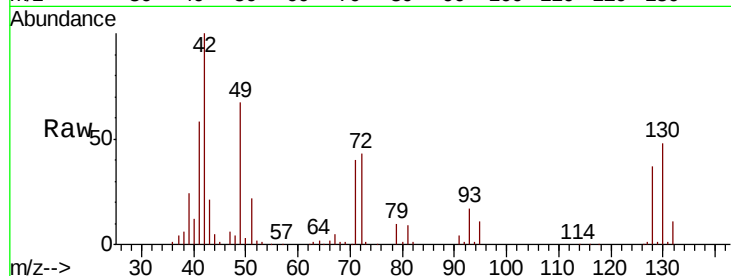




#41
Methacrylonitrile
Concen: 132.124 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.04 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

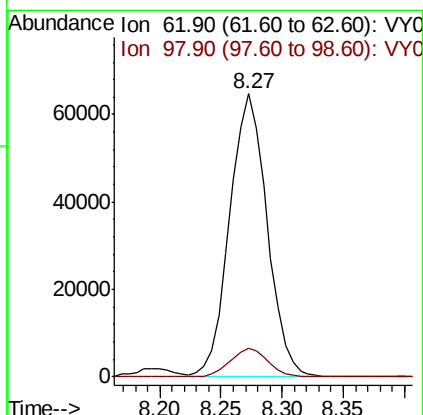
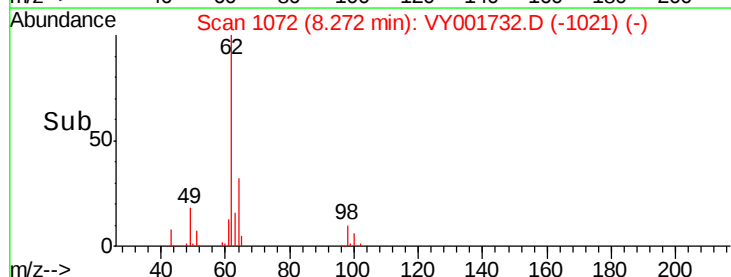
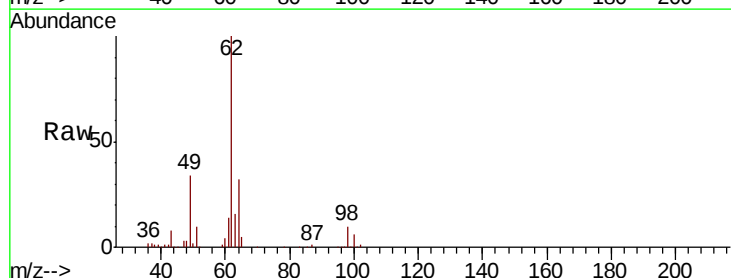
Instrument :
MSVOA_Y
ClientSampled :

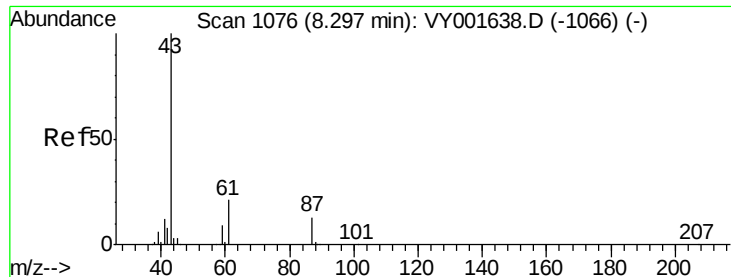
Tot Ion:	41	Resp:	134793
Ion	Ratio	Lower	Upper
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.388 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion:	62	Resp:	137437
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8





#43

Isopropyl Acetate

Concen: 50.536 ug/l

RT: 8.30 min Scan# 1077

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

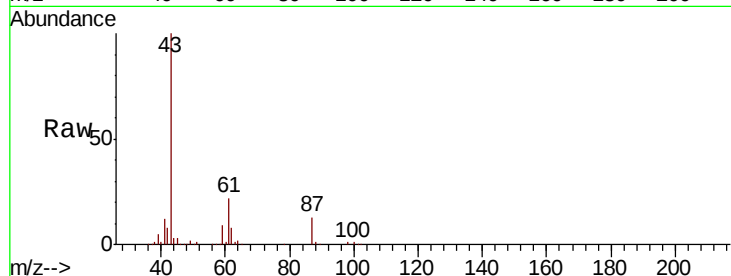
Tot Ion: 43 Resp: 194822

Ion Ratio Lower Upper

43 100

61 29.1 23.0 34.4

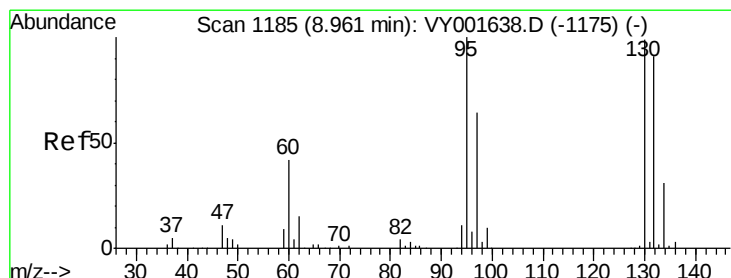
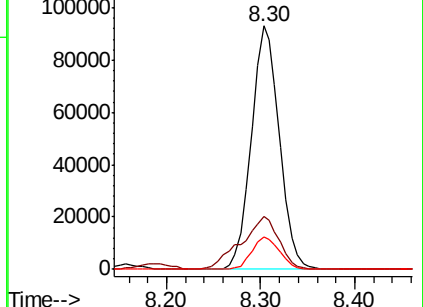
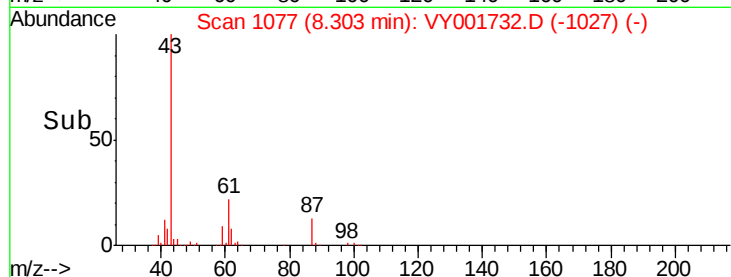
87 13.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY001732.D (-1077) (-)

Ion 61.00 (60.70 to 61.70): VY001732.D (-1077) (-)

Ion 87.00 (86.70 to 87.70): VY001732.D (-1077) (-)



#44

Trichloroethene

Concen: 51.384 ug/l

RT: 8.97 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VY001732.D

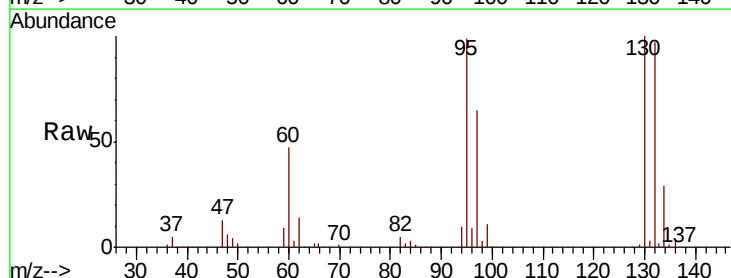
Acq: 21 Feb 2020 10:52

Tgt Ion:130 Resp: 128425

Ion Ratio Lower Upper

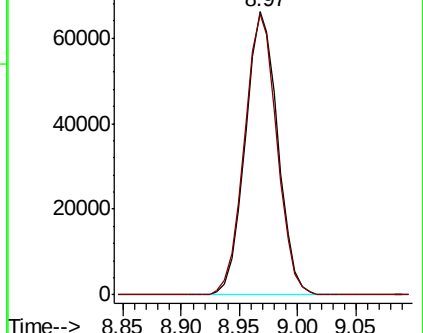
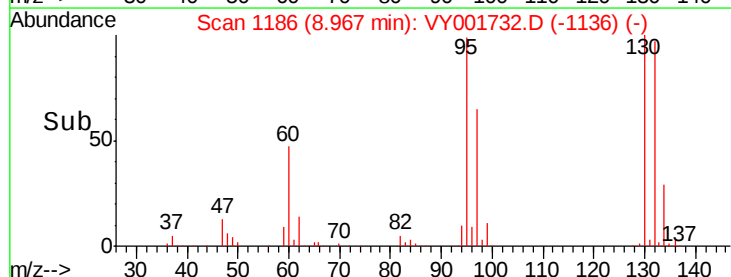
130 100

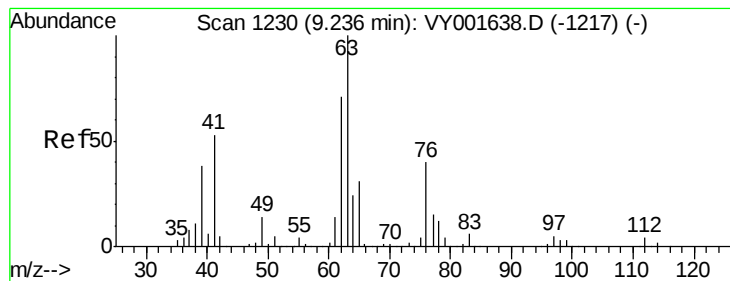
95 99.3 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): VY001732.D (-1186) (-)

Ion 94.90 (94.60 to 95.60): VY001732.D (-1186) (-)





#45

1,2-Dichloropropane

Concen: 53.012 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

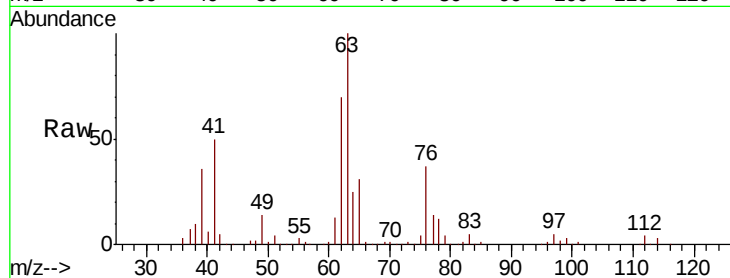
ClientSampleId :

Tot Ion: 63 Resp: 132923

Ion Ratio Lower Upper

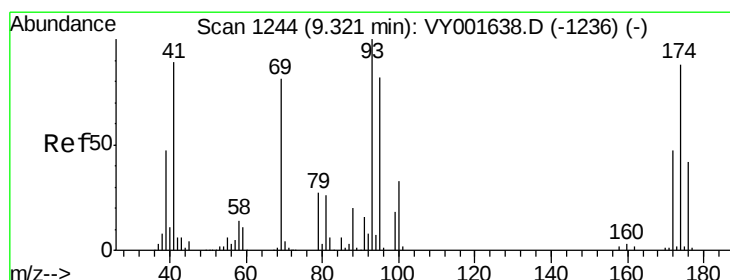
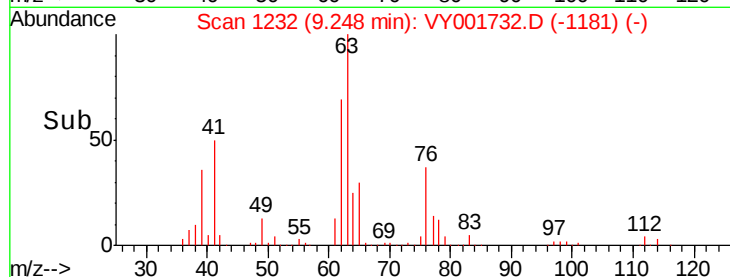
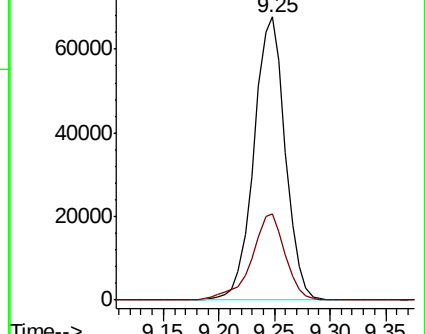
63 100

65 30.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.810 ug/l

RT: 9.33 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

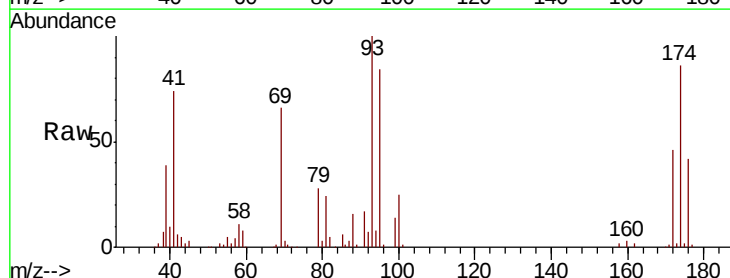
Tgt Ion: 93 Resp: 66636

Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

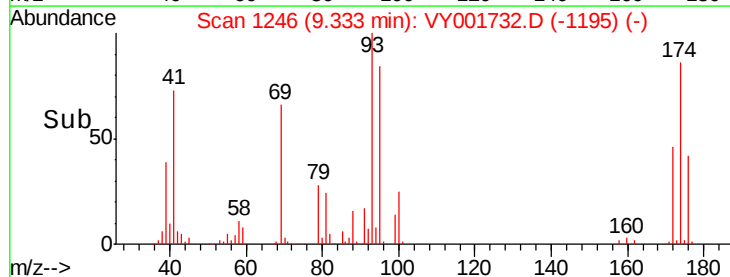
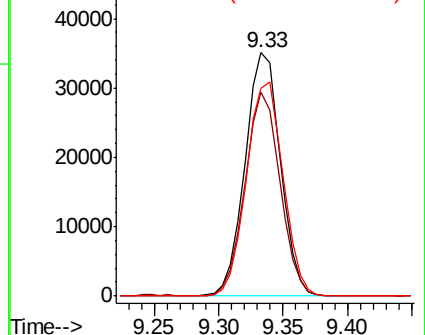
174 90.9 72.5 108.7

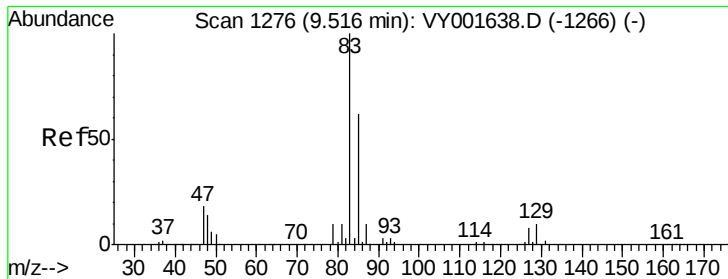


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 51.598 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

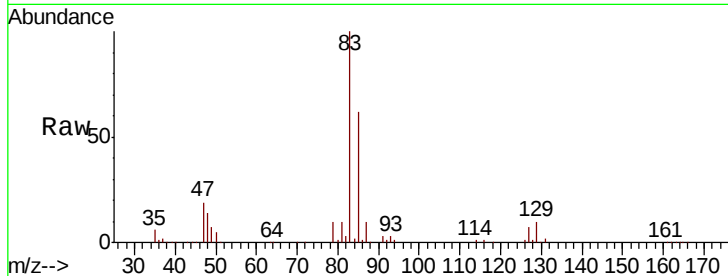
Tot Ion: 83 Resp: 163320

Ion Ratio Lower Upper

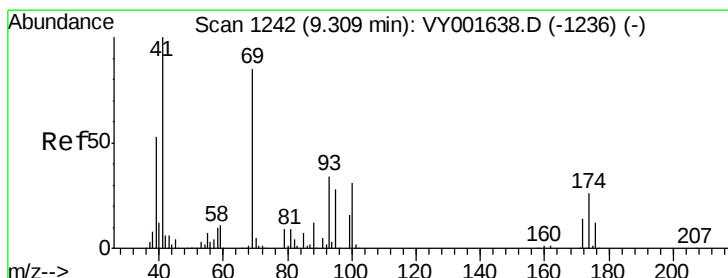
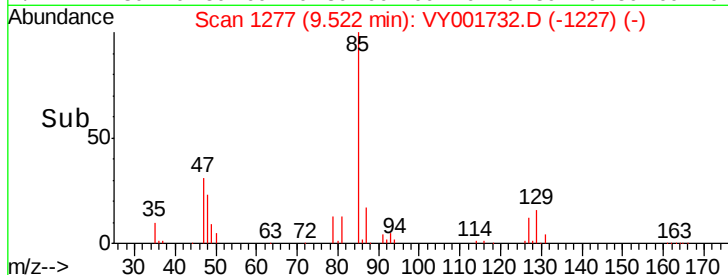
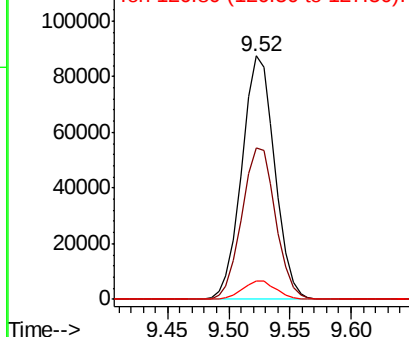
83 100

85 62.2 51.4 77.0

127 7.3 6.4 9.6



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



#48

Methyl methacrylate

Concen: 51.867 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

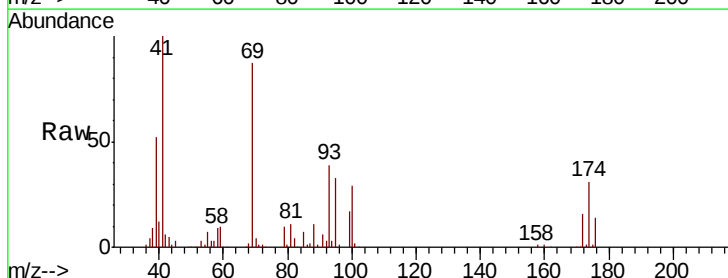
Tgt Ion: 41 Resp: 90430

Ion Ratio Lower Upper

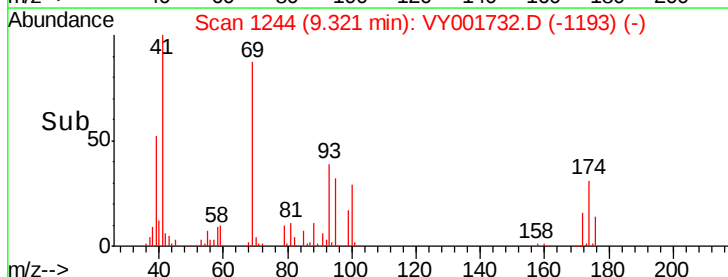
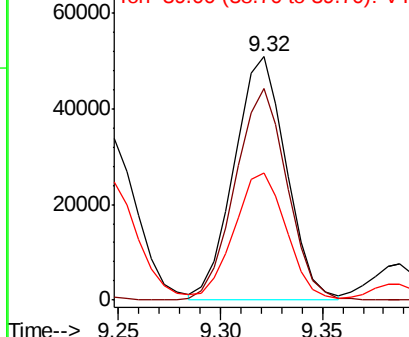
41 100

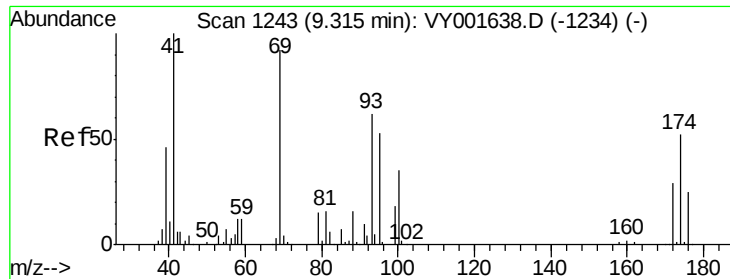
69 86.3 70.7 106.1

39 52.5 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: 873.443 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampled :

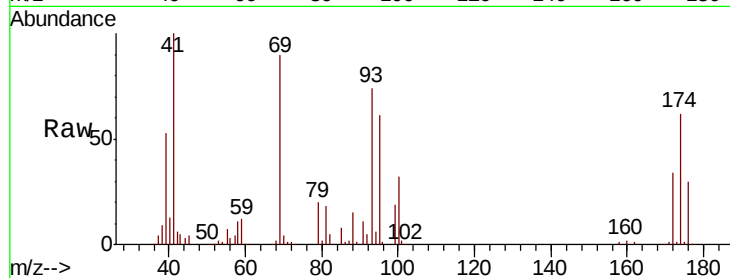
Tot Ion: 88 Resp: 16179

Ion Ratio Lower Upper

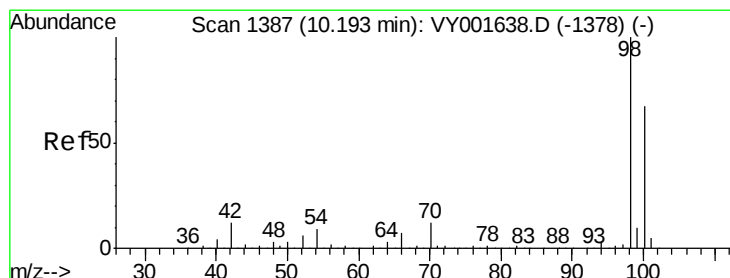
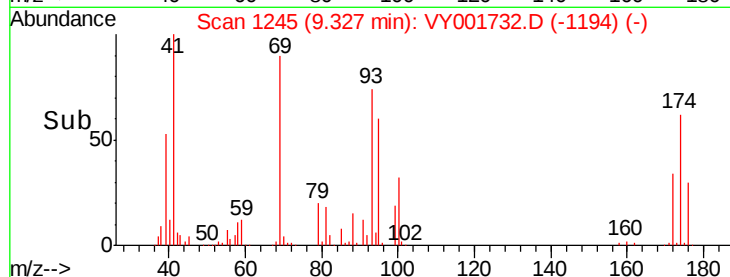
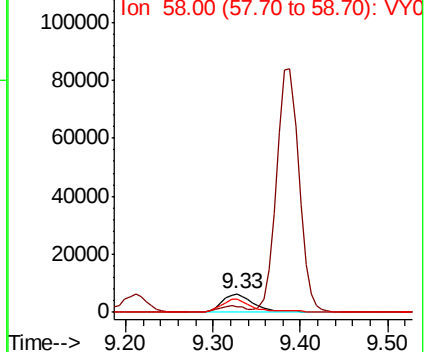
88 100

43 32.0 23.1 34.7

58 72.1 58.1 87.1



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



#50

Toluene-d8

Concen: 49.289 ug/l

RT: 10.20 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001732.D

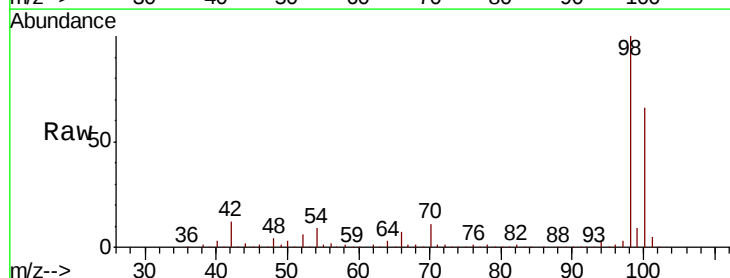
Acq: 21 Feb 2020 10:52

Tgt Ion: 98 Resp: 394166

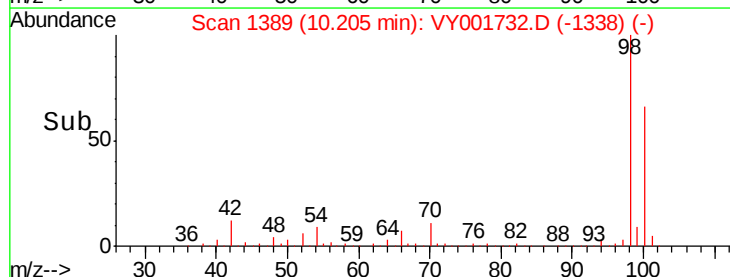
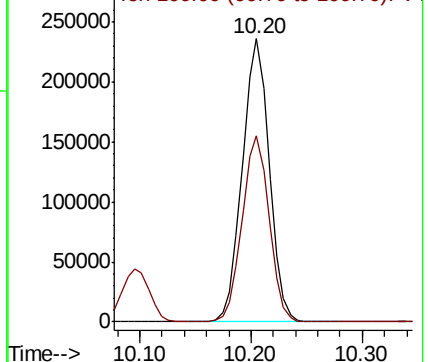
Ion Ratio Lower Upper

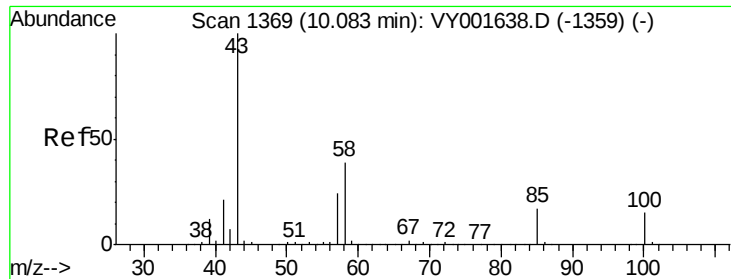
98 100

100 66.2 53.0 79.4



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

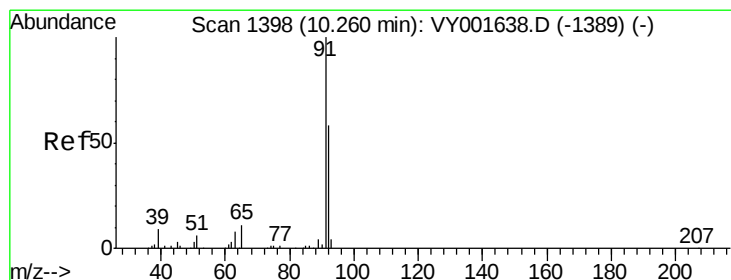
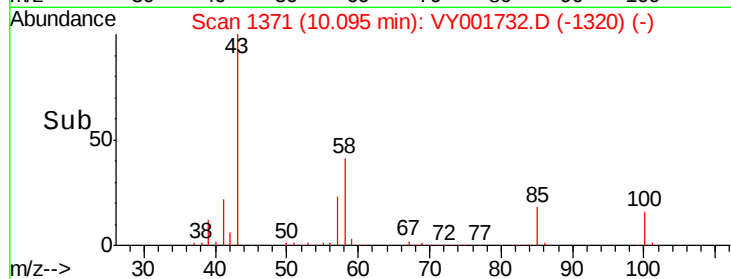
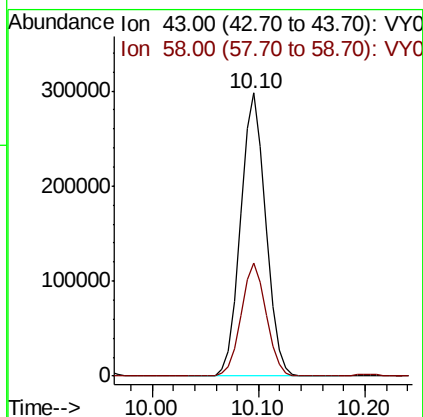
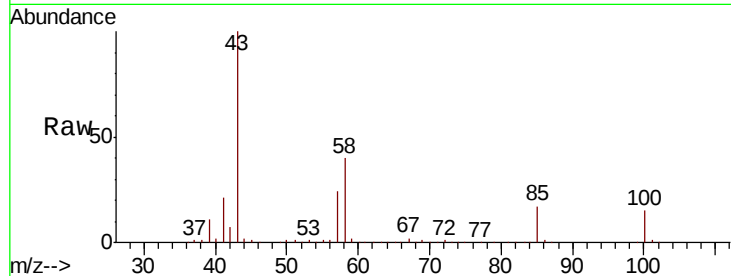




#51
4-Methyl-2-Pentanone
Concen: 249.558 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

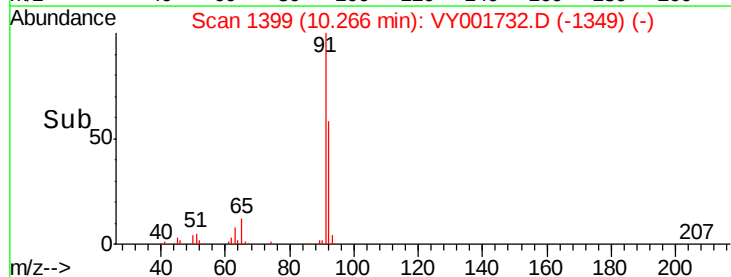
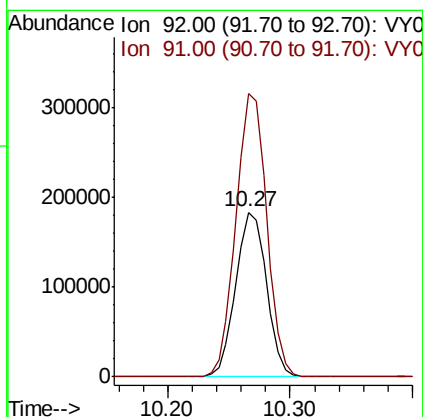
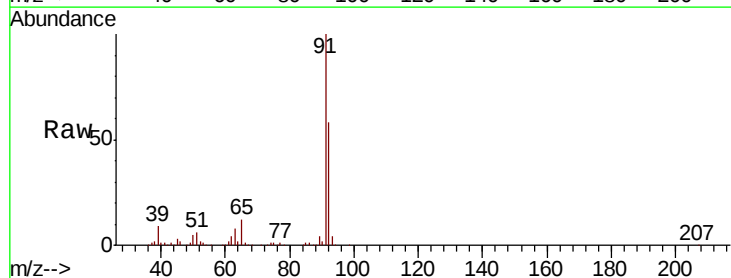
Instrument :
MSVOA_Y
ClientSampleId :

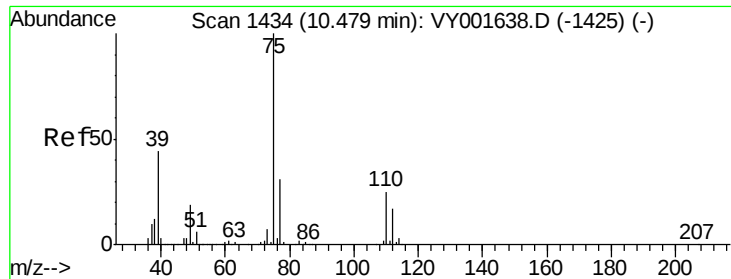
Tot Ion: 43 Resp: 494304
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.4



#52
Toluene
Concen: 51.417 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 92 Resp: 321114
Ion Ratio Lower Upper
92 100
91 171.9 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 51.835 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

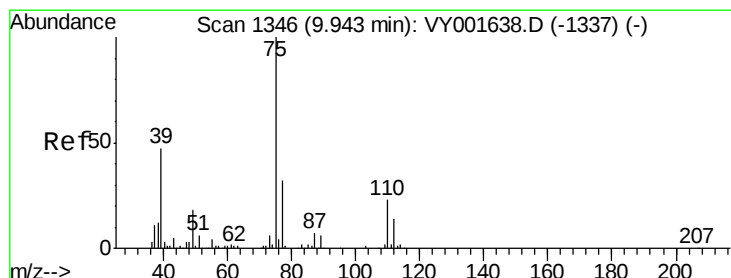
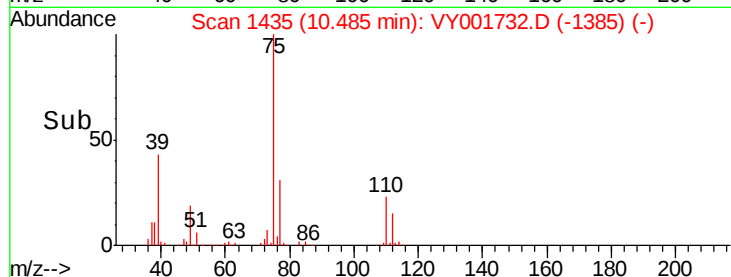
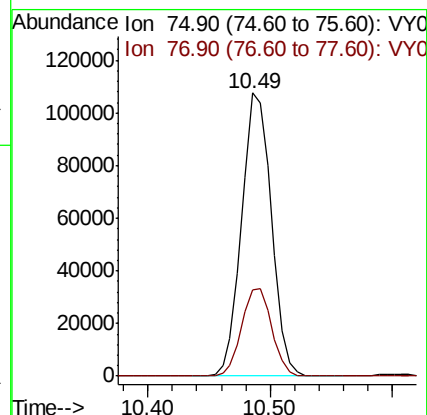
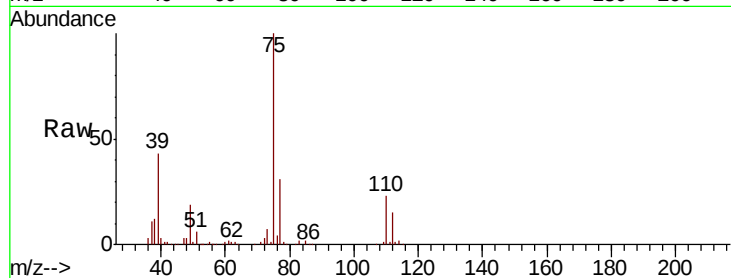
ClientSampled :

Tot Ion: 75 Resp: 181380

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.340 ug/l

RT: 9.96 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

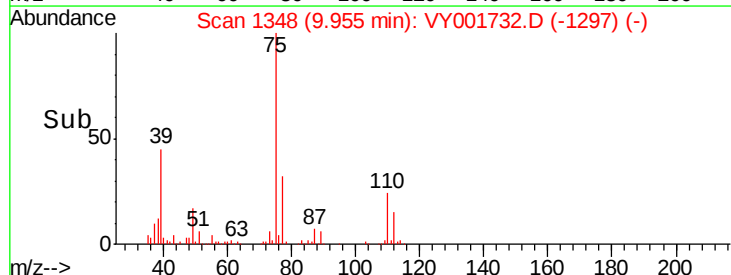
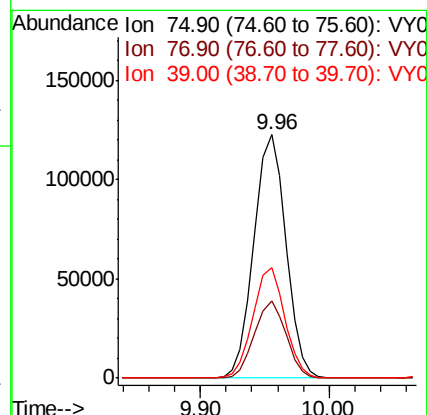
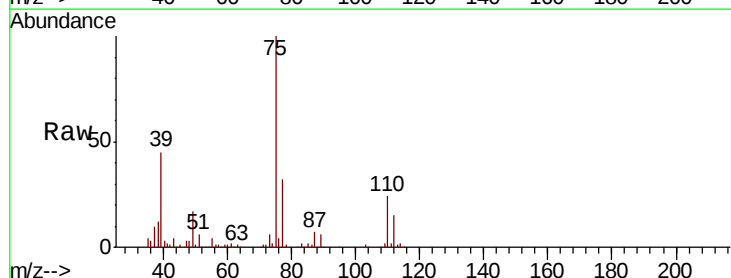
Tgt Ion: 75 Resp: 210788

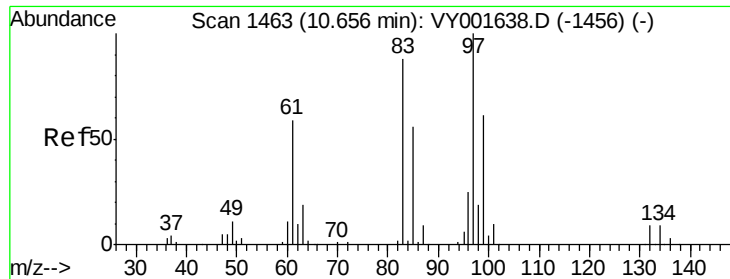
Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5

39 45.1 35.7 53.5

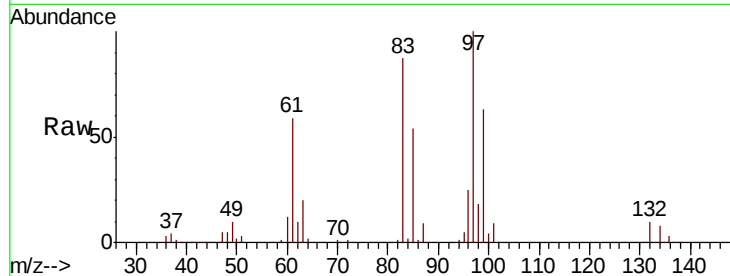




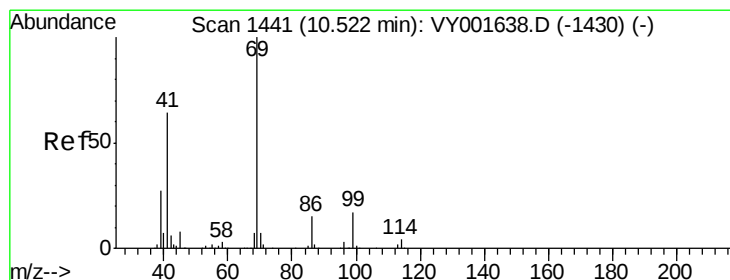
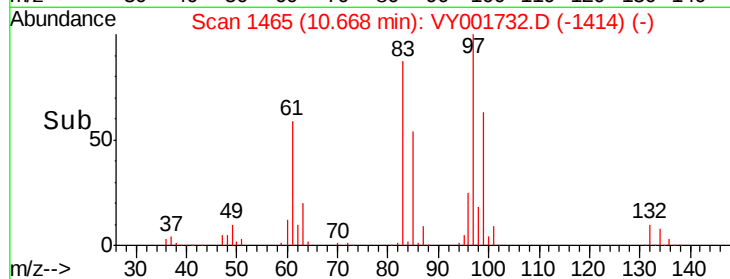
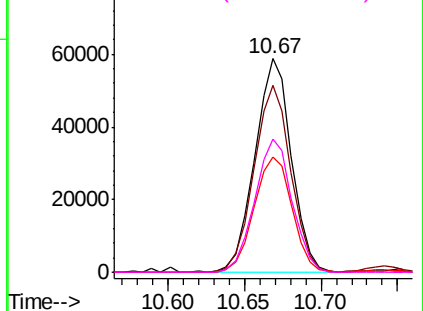
#55
 1,1,2-Trichloroethane
 Concen: 50.638 ug/l
 RT: 10.67 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 97924
 Ion Ratio Lower Upper
 97 100
 83 87.3 69.7 104.5
 85 54.2 44.5 66.7
 99 62.5 49.6 74.4

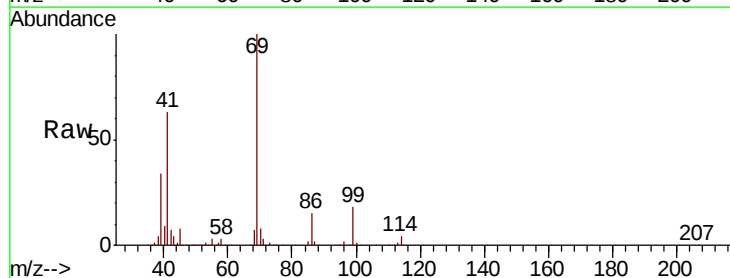


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

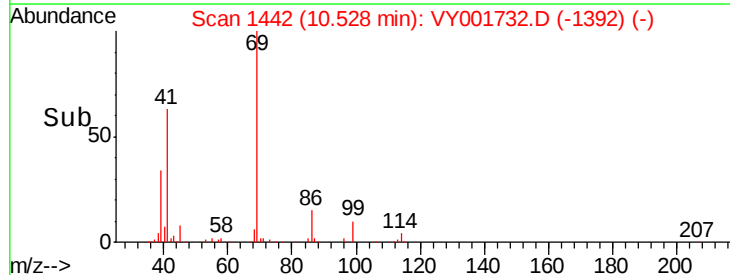
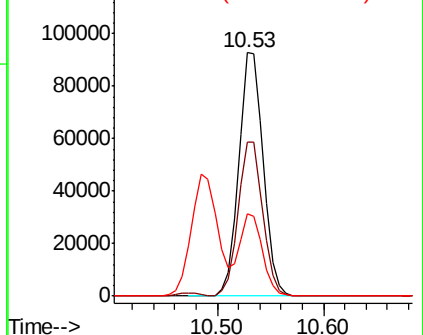


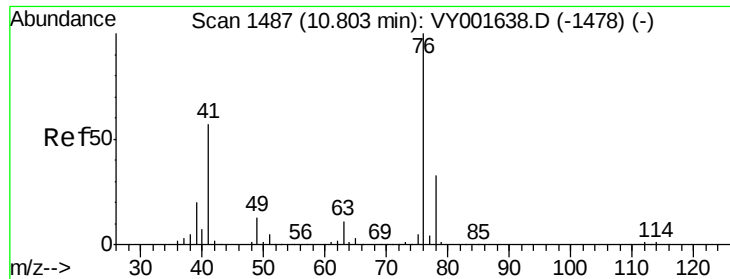
#56
 Ethyl methacrylate
 Concen: 51.638 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion: 69 Resp: 149807
 Ion Ratio Lower Upper
 69 100
 41 63.5 51.0 76.4
 39 32.2 24.7 37.1



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

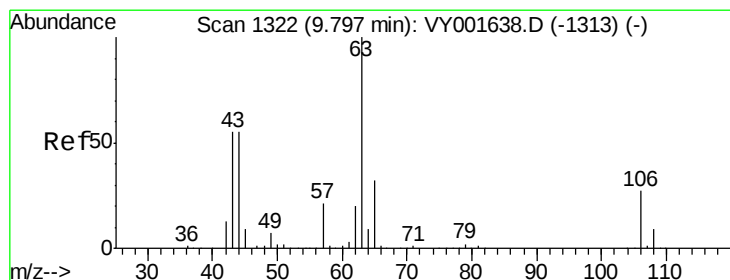
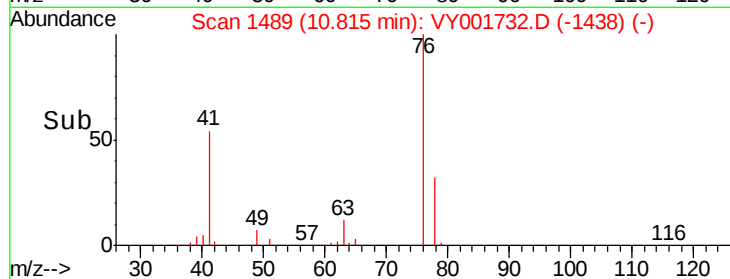
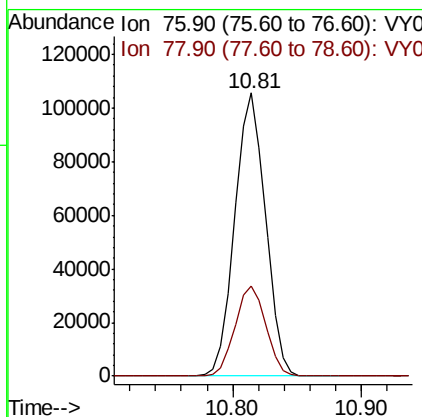
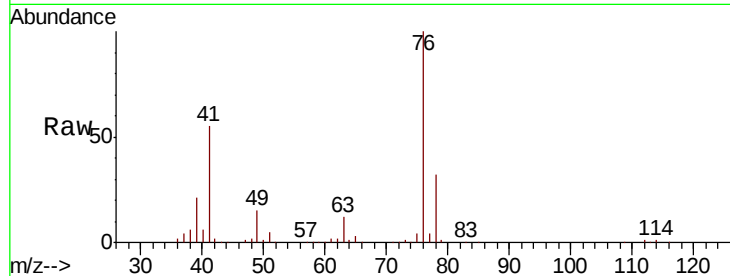




#57
 1,3-Dichloropropane
 Concen: 50.828 ug/l
 RT: 10.81 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

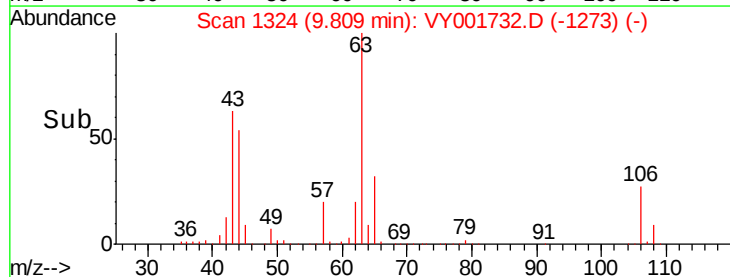
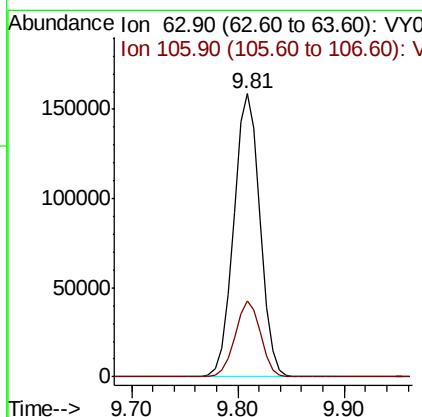
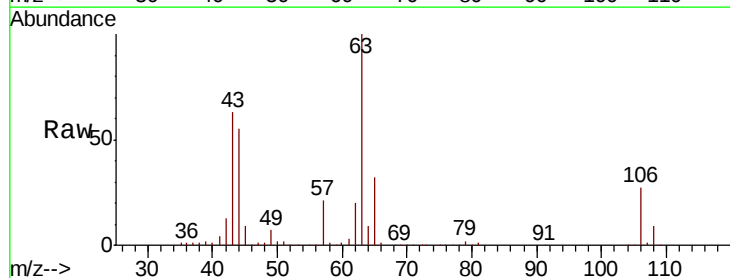
Instrument :
 MSVOA_Y
 ClientSampled :

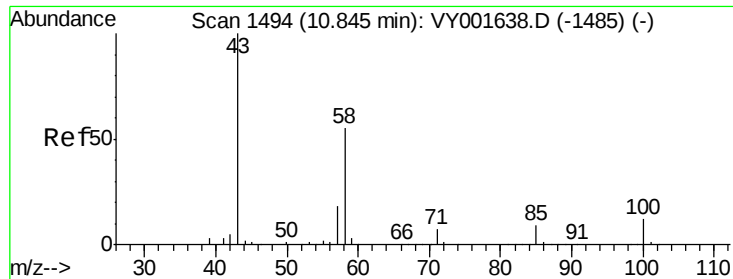
Tot Ion: 76 Resp: 174647
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.195 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion: 63 Resp: 273961
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.6 32.4

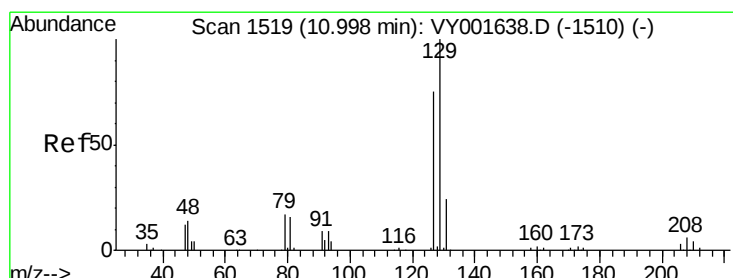
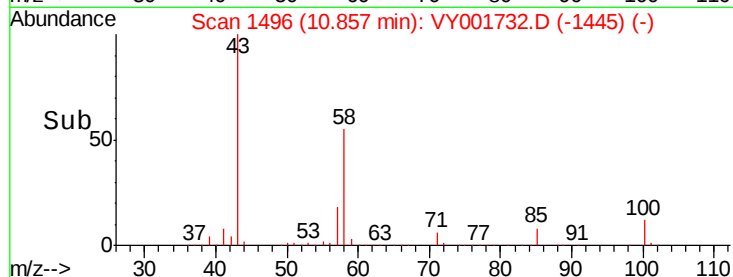
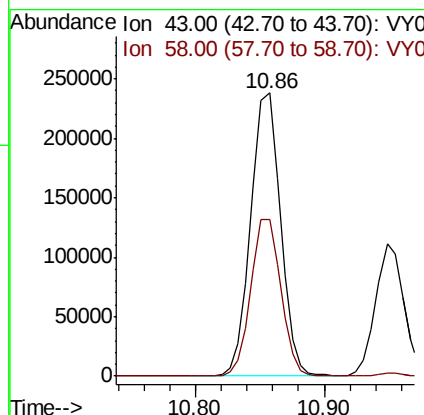
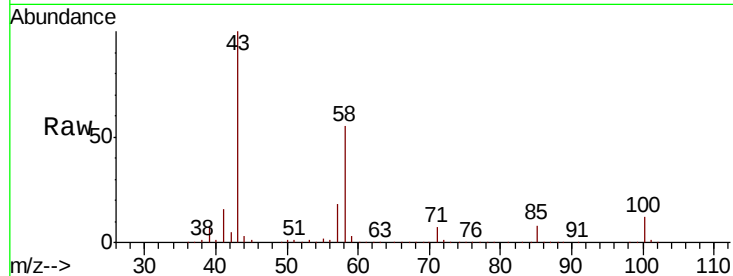




#59
2-Hexanone
Concen: 256.135 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

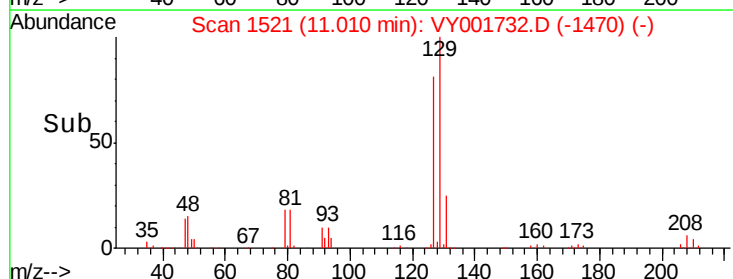
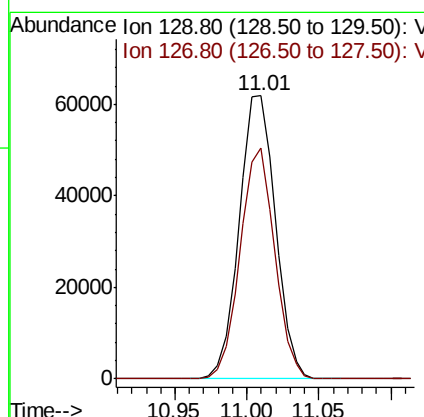
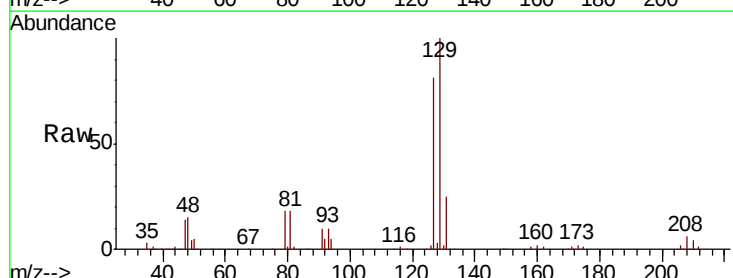
Instrument :
MSVOA_Y
ClientSampled :

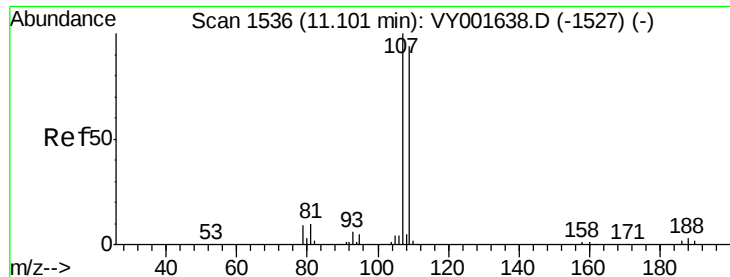
Tot Ion: 43 Resp: 380659
Ion Ratio Lower Upper
43 100
58 55.8 28.4 85.2



#60
Dibromochloromethane
Concen: 50.775 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 129 Resp: 108255
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

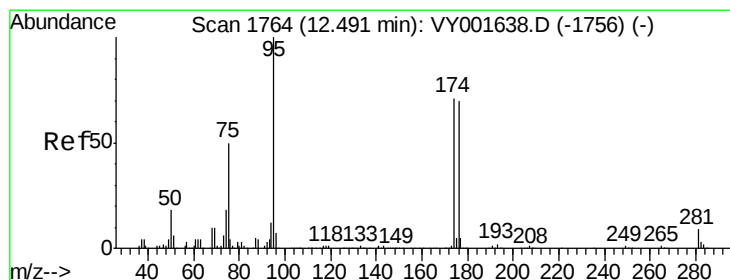
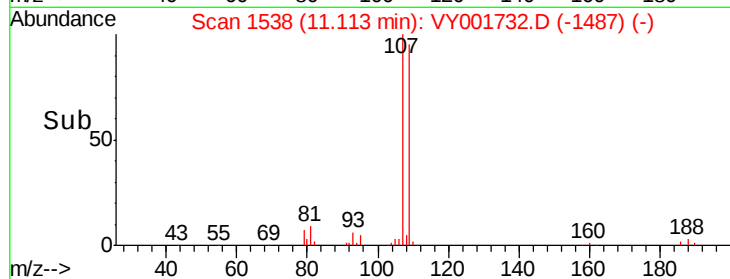
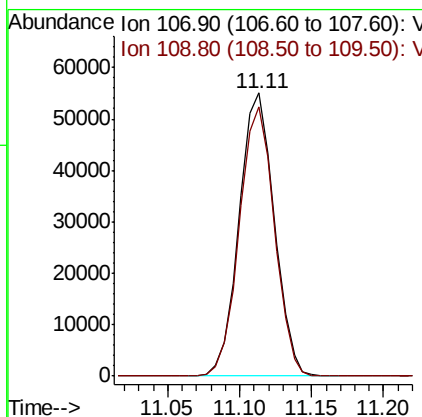
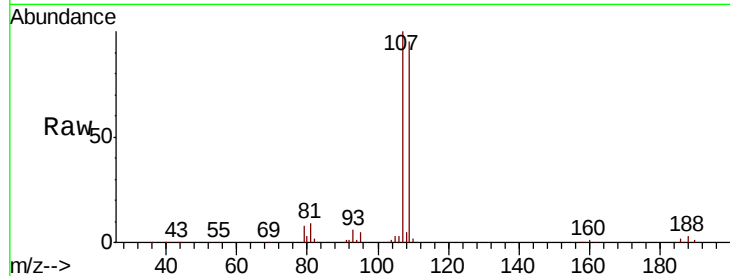




#61
 1,2-Dibromoethane
 Concen: 50.907 ug/l
 RT: 11.11 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

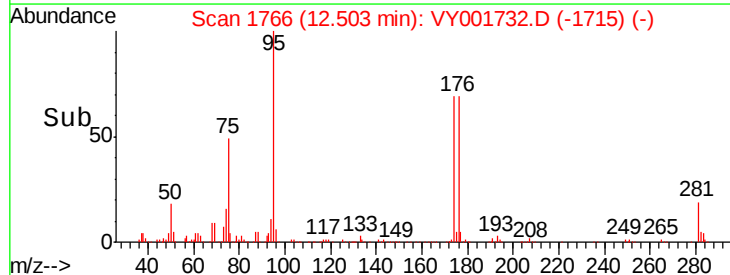
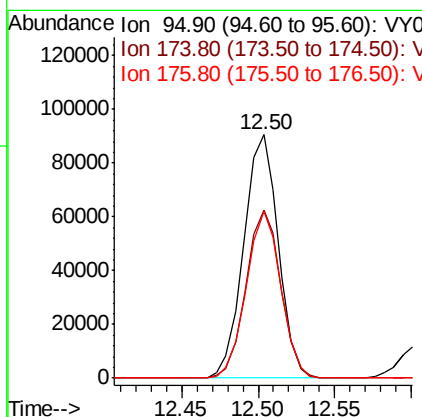
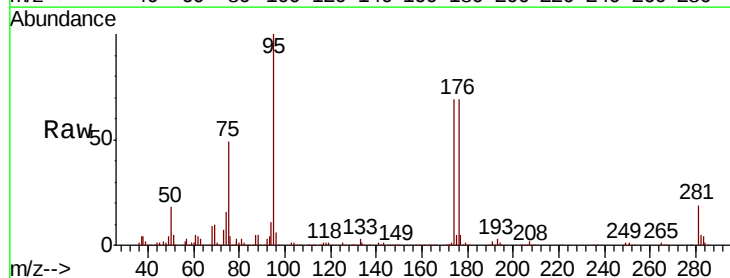
Instrument :
 MSVOA_Y
 ClientSampleId :

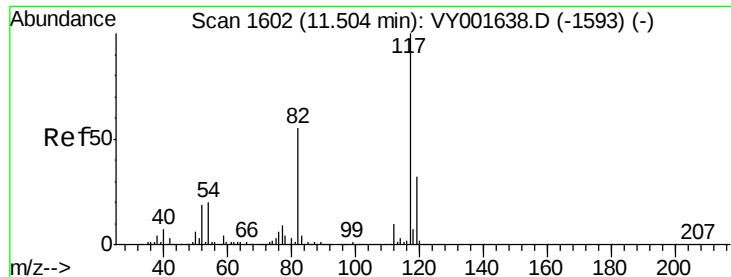
Tot Ion: 107 Resp: 93083
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 45.594 ug/l
 RT: 12.50 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion: 95 Resp: 141652
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 138.4
 176 68.4 0.0 131.8

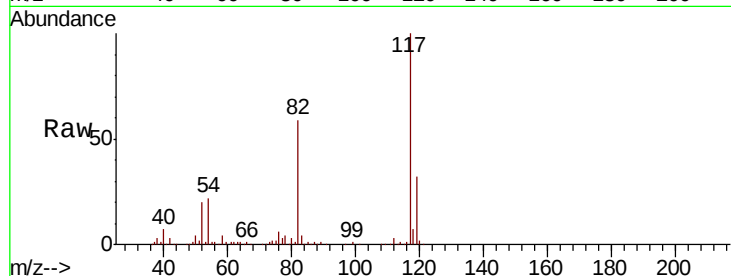




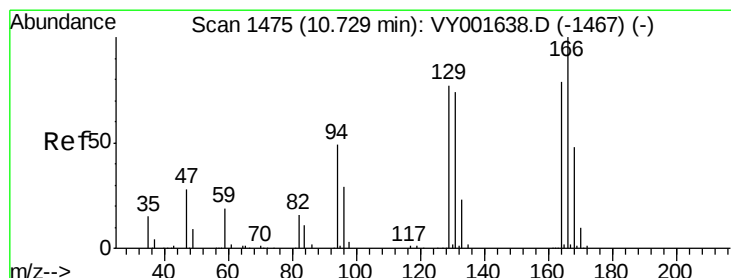
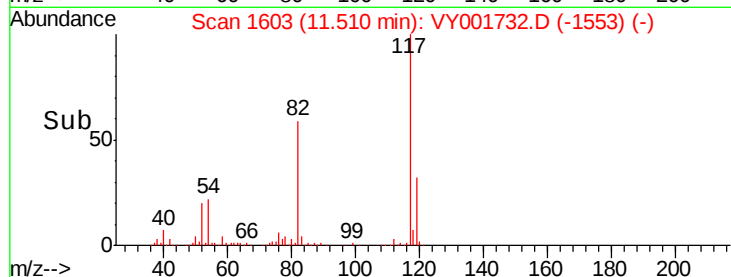
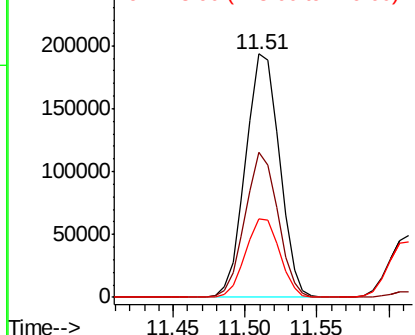
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 316024
Ion Ratio Lower Upper
117 100
82 59.5 45.5 68.3
119 32.1 25.8 38.6

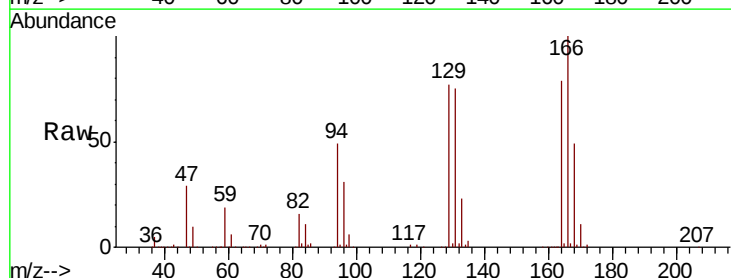


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

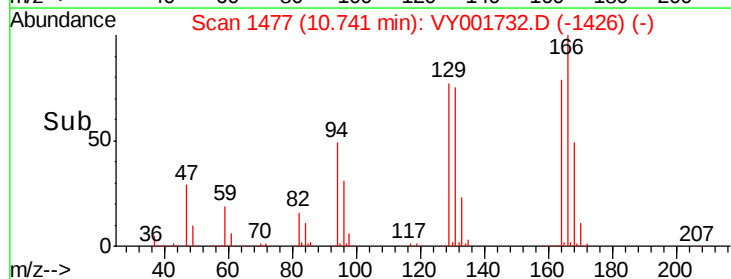
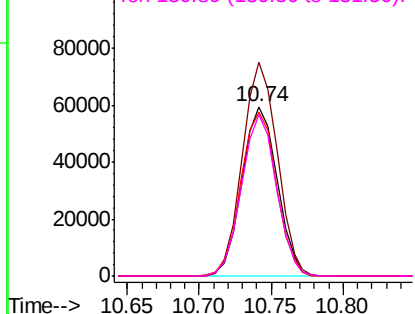


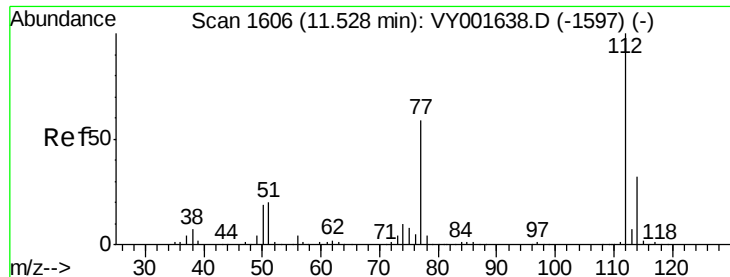
#64
Tetrachloroethene
Concen: 50.628 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion:164 Resp: 100439
Ion Ratio Lower Upper
164 100
166 126.2 101.4 152.0
129 96.7 78.7 118.1
131 95.0 76.0 114.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

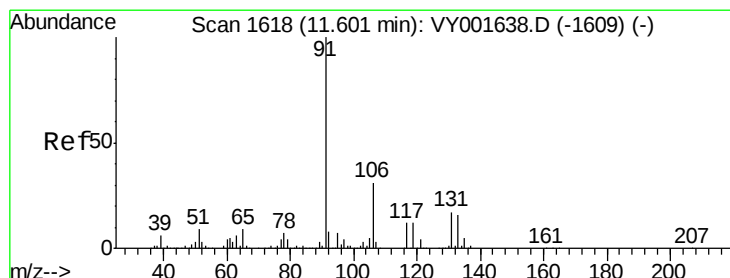
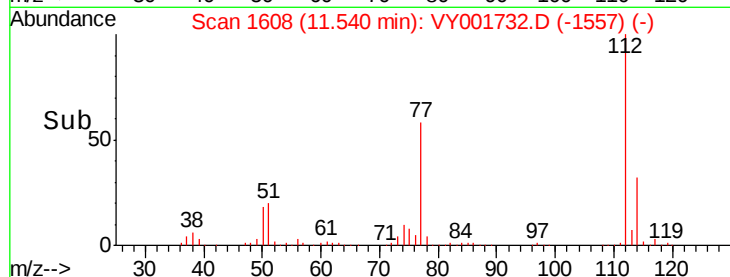
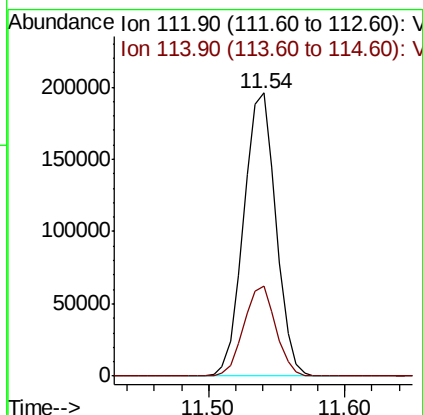
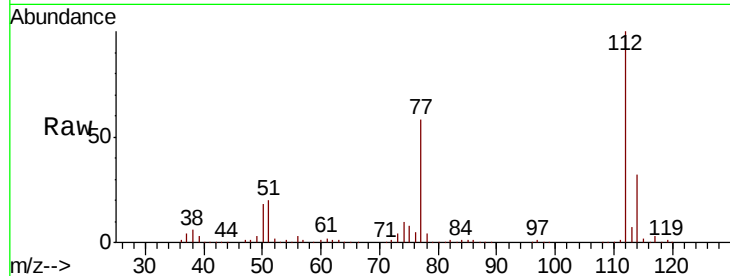




#65
Chlorobenzene
Concen: 51.494 ug/l
RT: 11.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

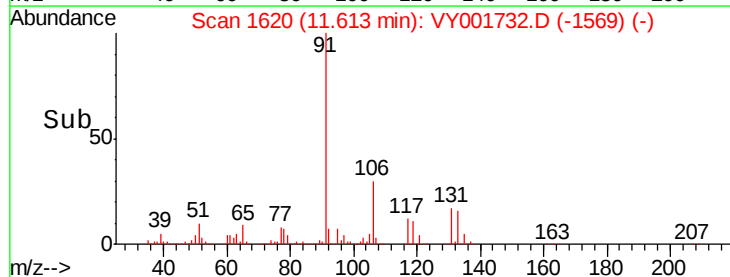
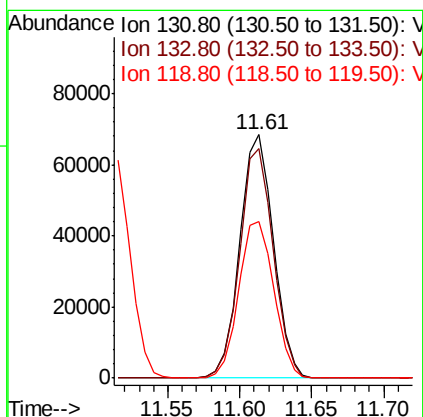
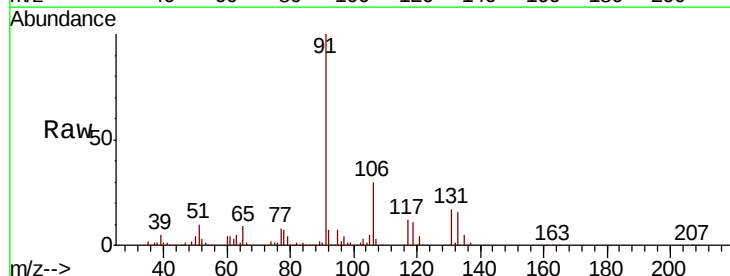
Instrument :
MSVOA_Y
ClientSampled :

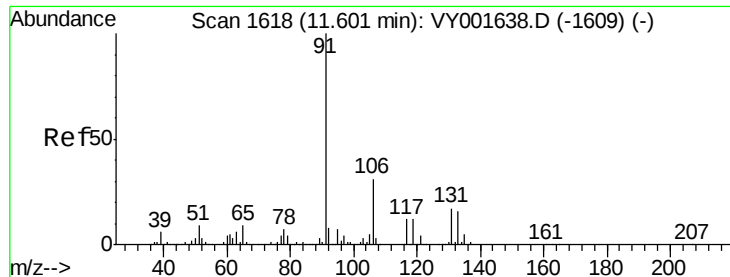
Tot Ion:112 Resp: 324894
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.207 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion:131 Resp: 111115
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 67.2 34.4 103.1

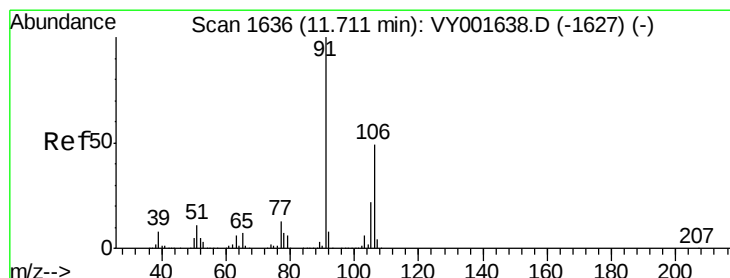
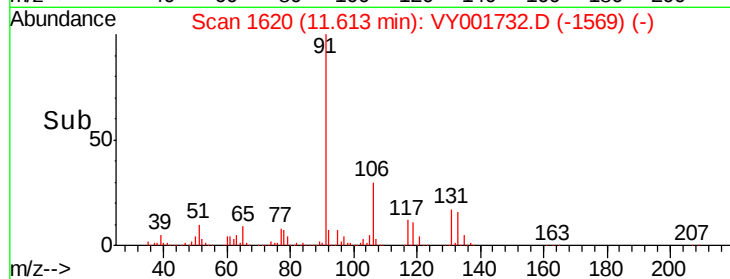
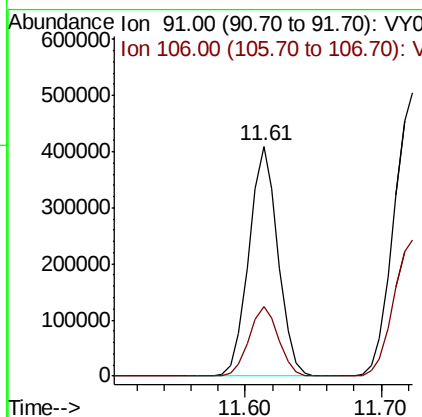
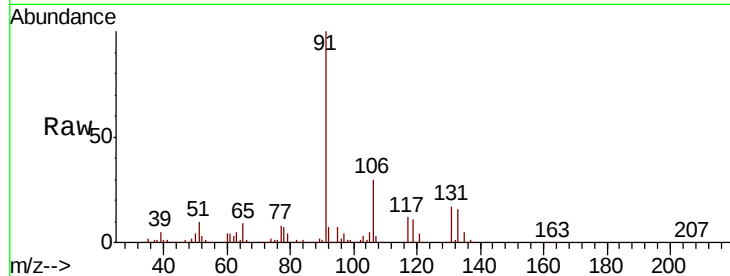




#67
Ethyl Benzene
Concen: 52.326 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

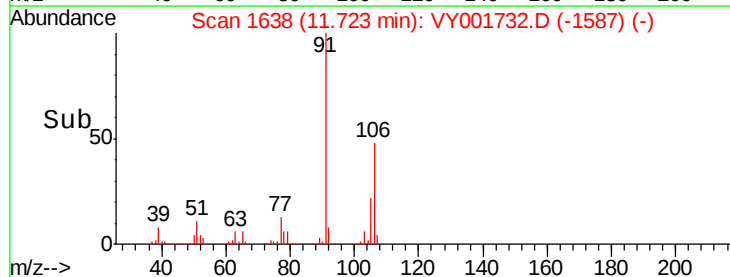
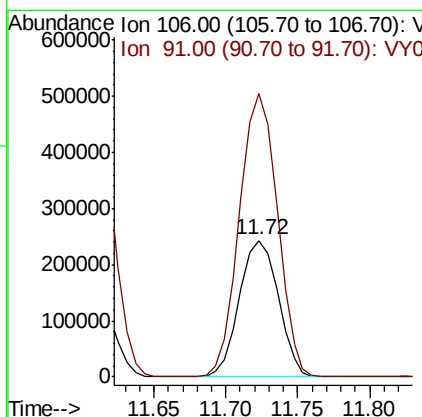
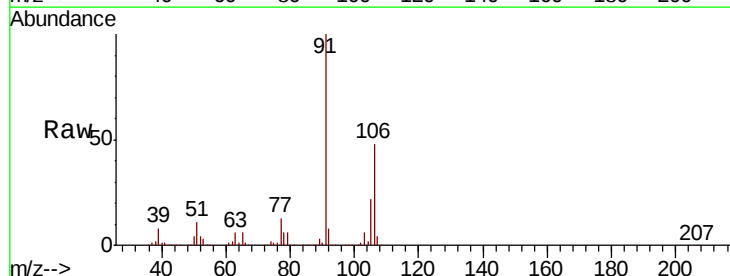
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 612667
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7



#68
m/p-Xylenes
Concen: 104.895 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 106 Resp: 458782
Ion Ratio Lower Upper
106 100
91 202.1 163.3 244.9

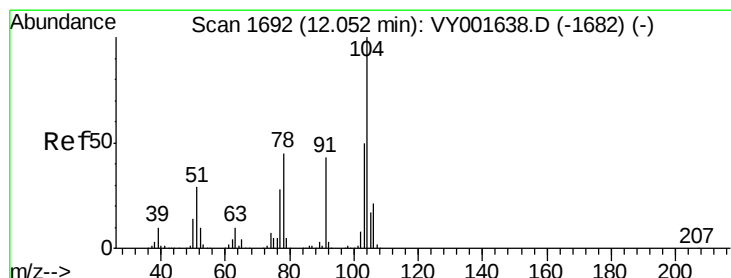
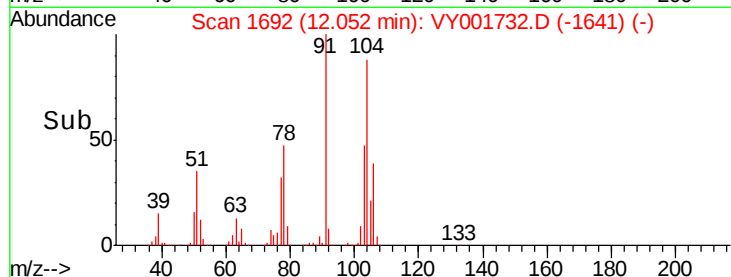
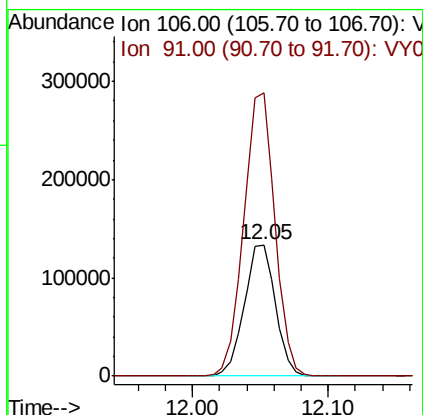
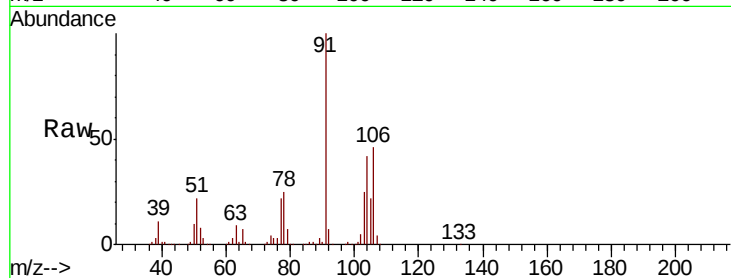




#69
o-Xylene
Concen: 51.510 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

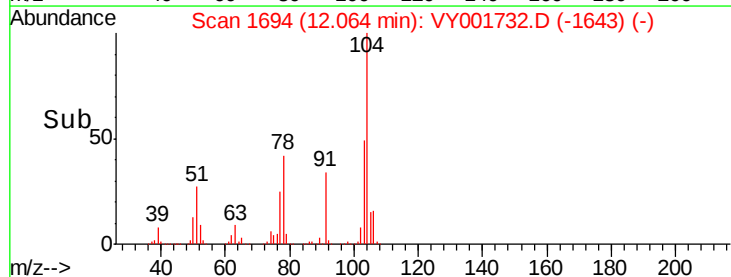
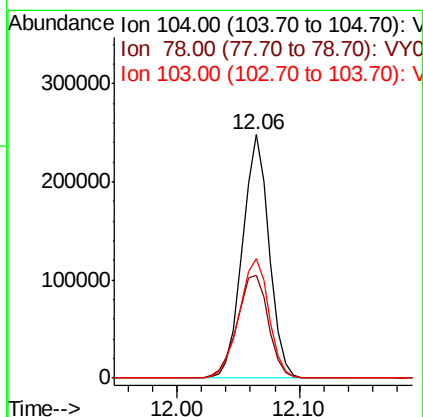
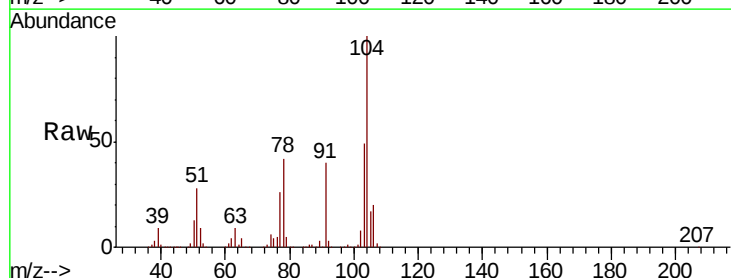
Instrument :
MSVOA_Y
ClientSampled :

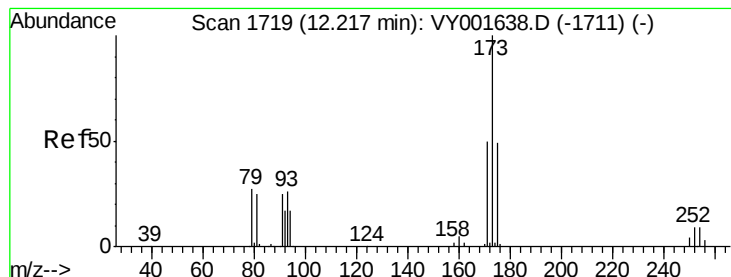
Tot Ion:106 Resp: 214185
Ion Ratio Lower Upper
106 100
91 215.1 108.3 324.9



#70
Styrene
Concen: 51.783 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion:104 Resp: 374207
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.7 43.0 64.6





#71

Bromoform

Concen: 50.141 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampled :

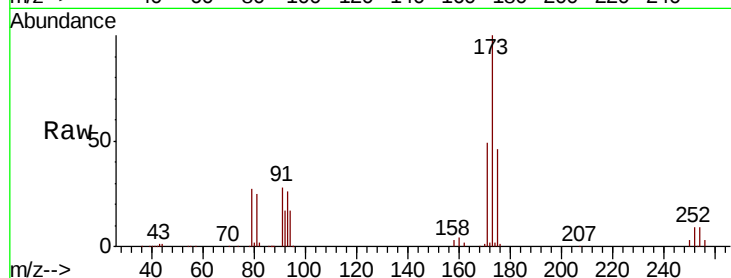
Tot Ion:173 Resp: 60987

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

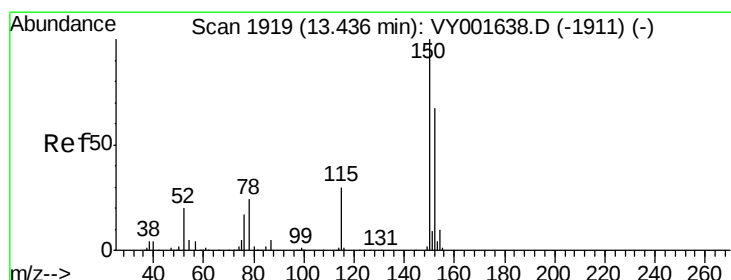
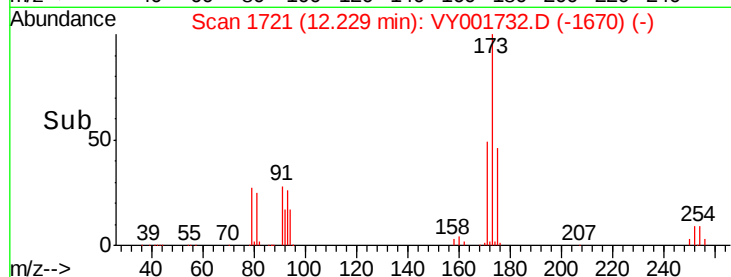
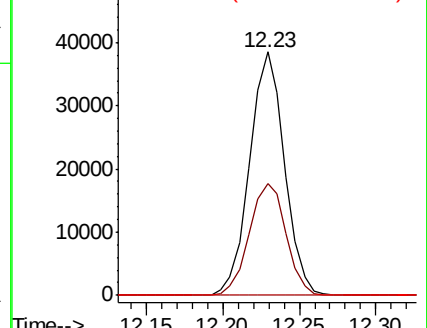
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

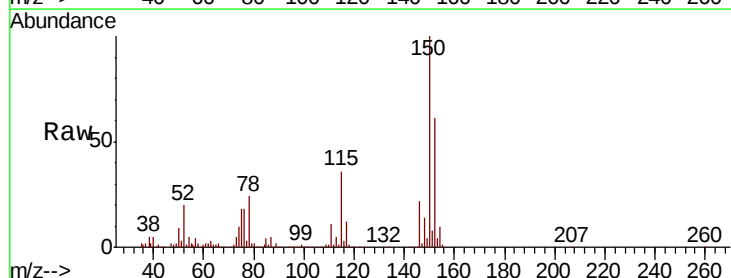
Tgt Ion:152 Resp: 146610

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.2

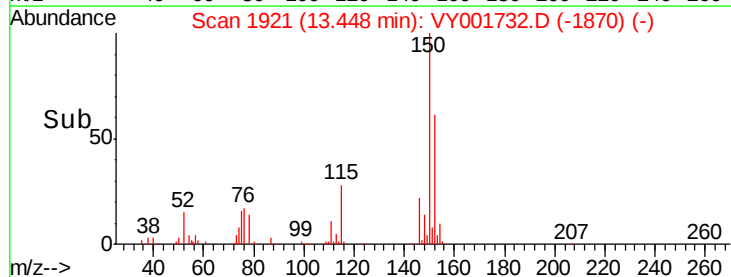
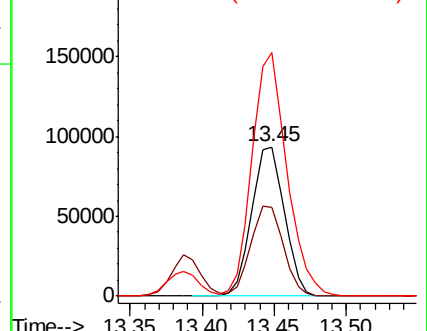
150 173.9 0.0 407.2

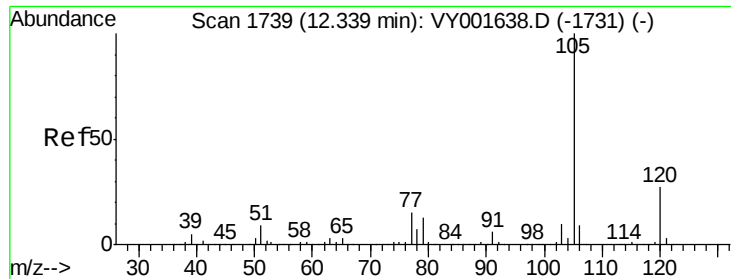


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

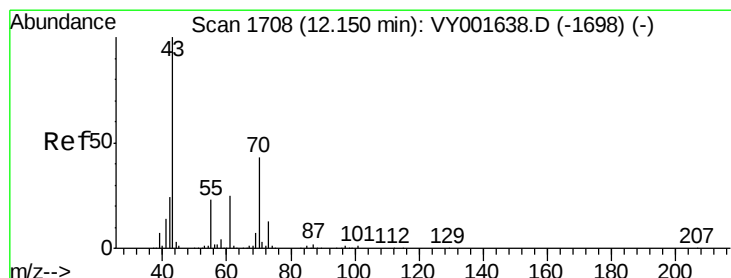
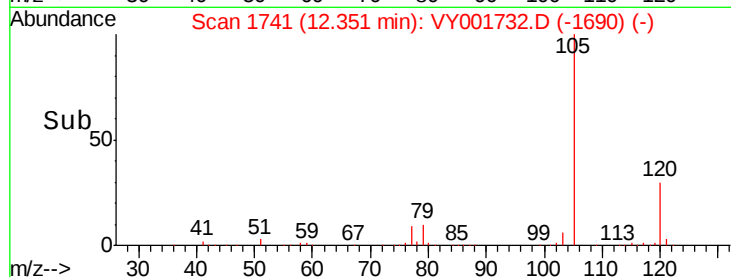
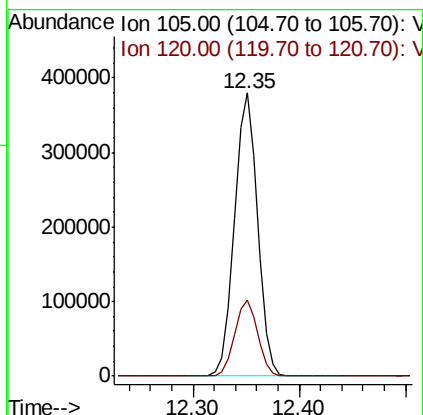
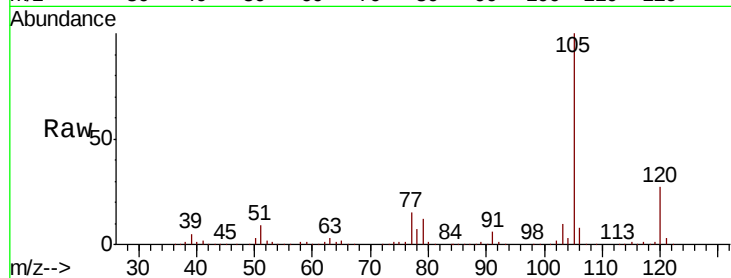




#73
Isopropylbenzene
Concen: 51.752 ug/l
RT: 12.35 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

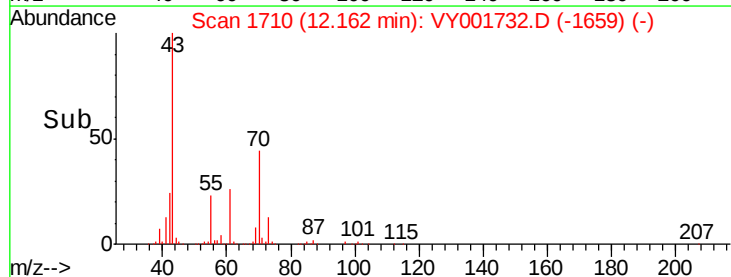
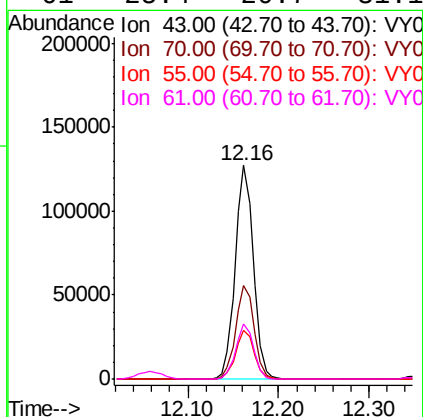
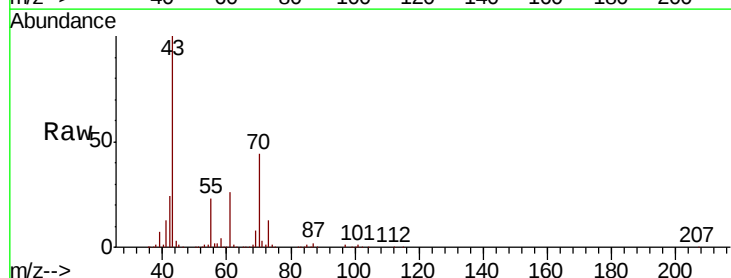
Instrument :
MSVOA_Y
ClientSampleId :

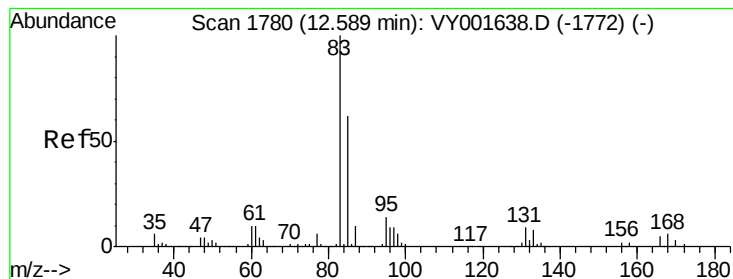
Tot Ion:105 Resp: 578022
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 49.683 ug/l
RT: 12.16 min Scan# 1710
Delta R.T. 0.01 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion: 43 Resp: 177095
Ion Ratio Lower Upper
43 100
70 44.0 35.9 53.9
55 23.0 18.3 27.5
61 25.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.653 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

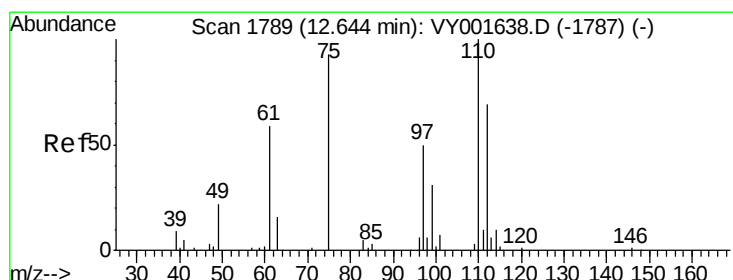
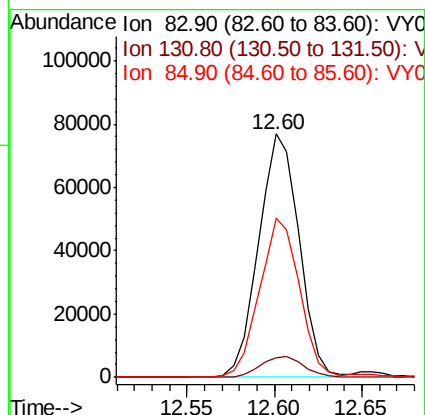
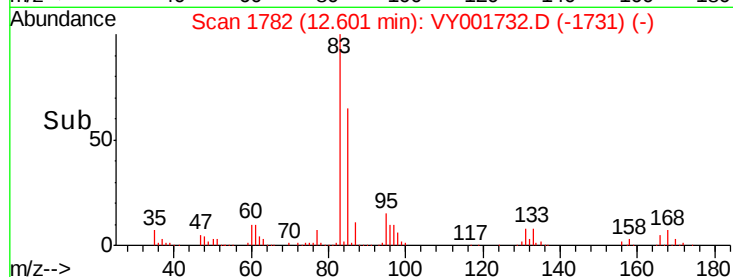
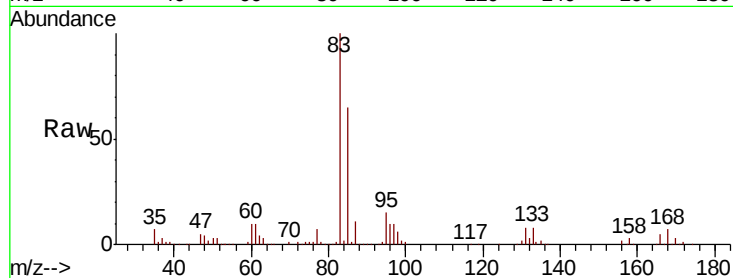
Tot Ion: 83 Resp: 123184

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.9 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 94.314 ug/l

RT: 12.66 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VY001732.D

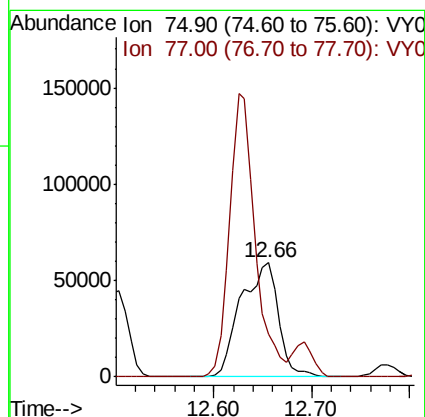
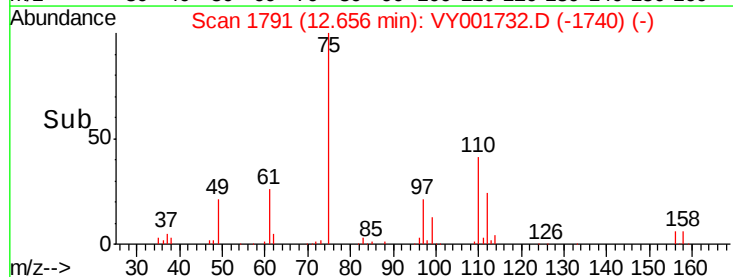
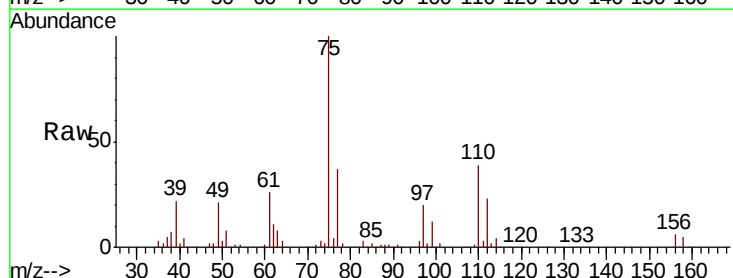
Acq: 21 Feb 2020 10:52

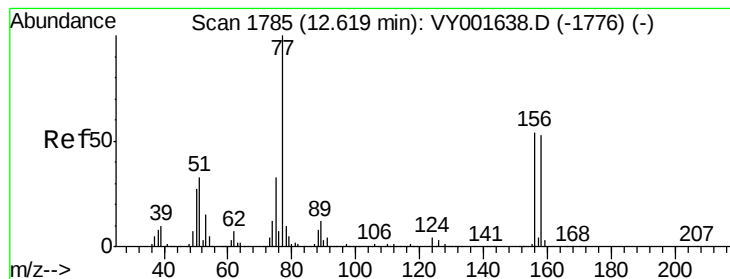
Tgt Ion: 75 Resp: 158618

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.549 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

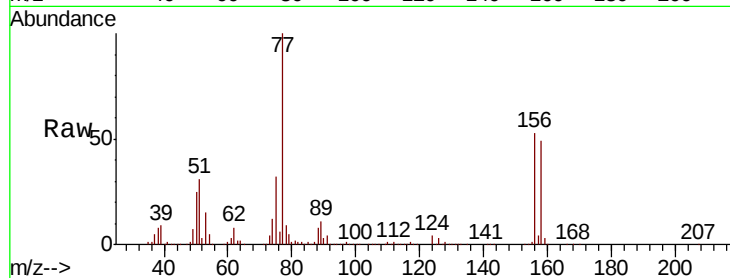
Tot Ion:156 Resp: 122391

Ion Ratio Lower Upper

156 100

77 218.6 110.1 330.1

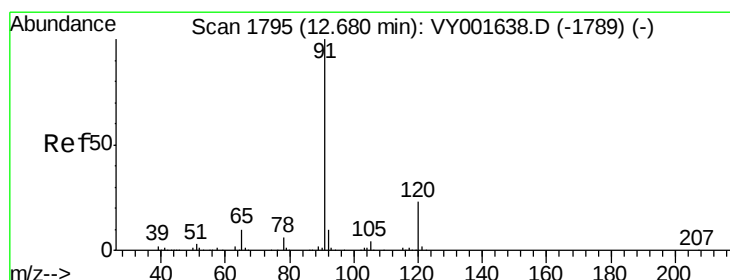
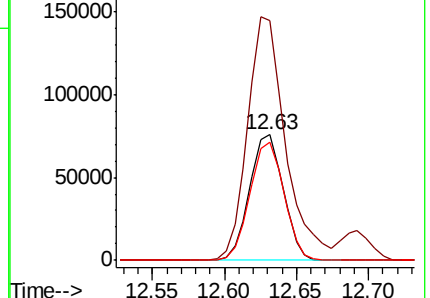
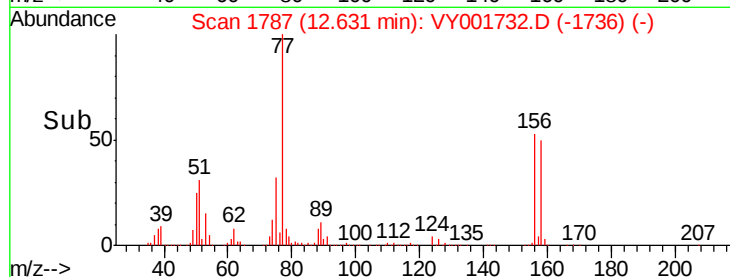
158 95.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.692 ug/l

RT: 12.69 min Scan# 1797

Delta R.T. 0.01 min

Lab File: VY001732.D

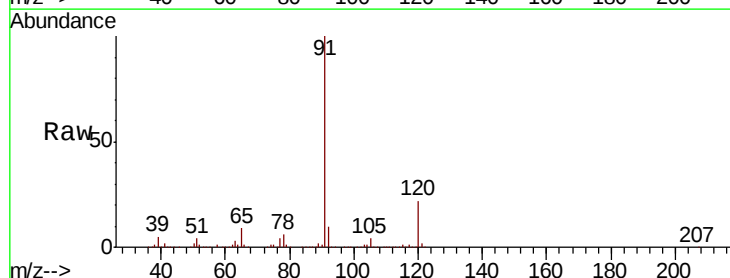
Acq: 21 Feb 2020 10:52

Tgt Ion: 91 Resp: 716763

Ion Ratio Lower Upper

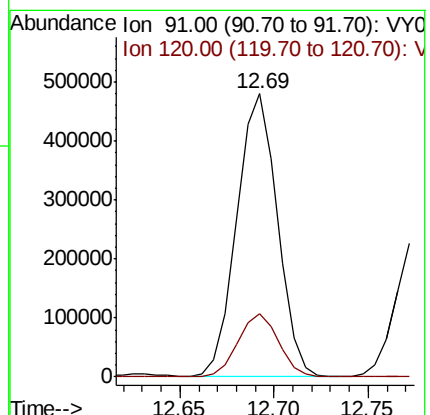
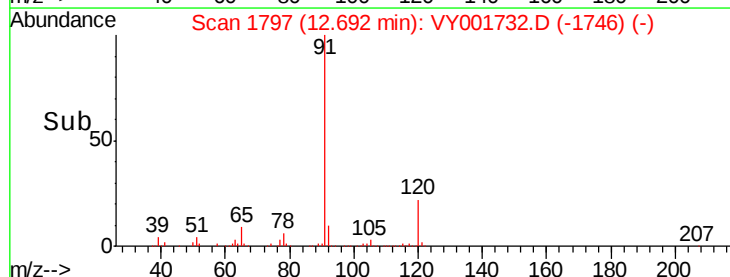
91 100

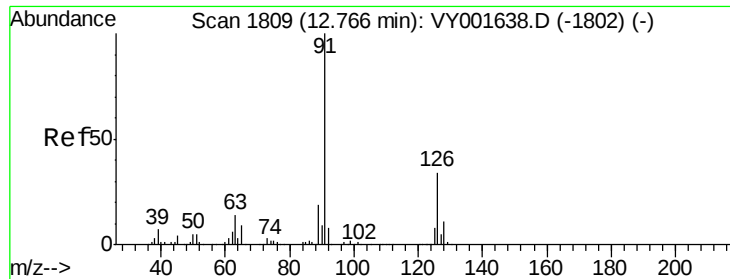
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

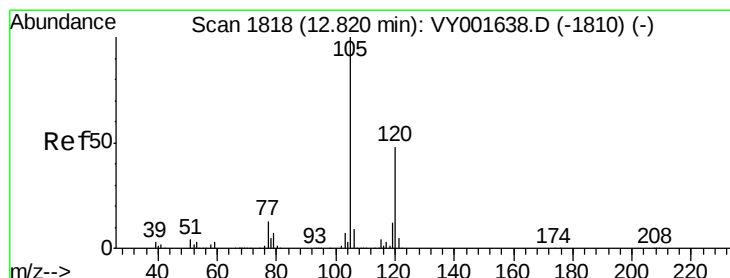
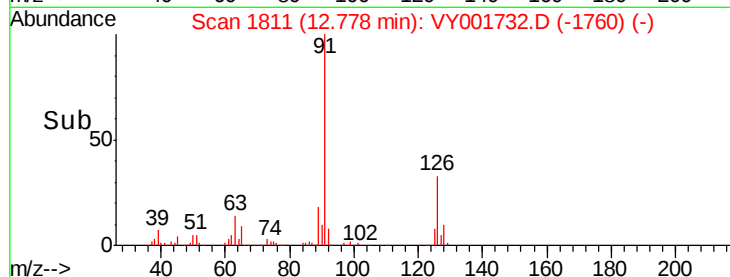
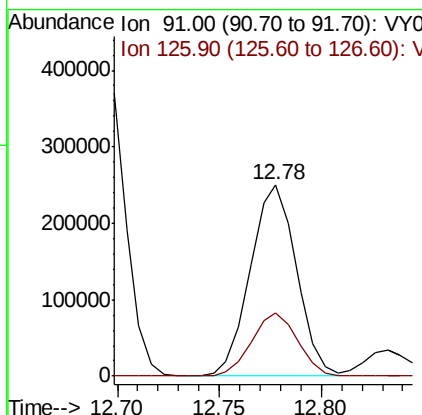
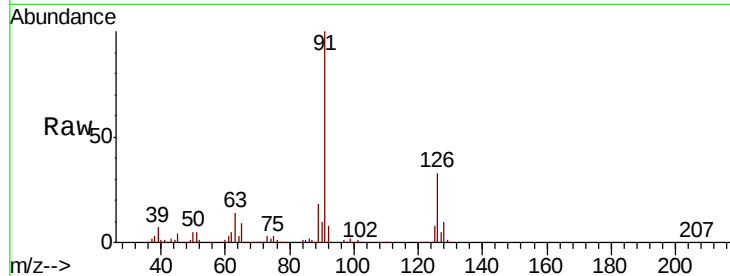




#79
 2-Chlorotoluene
 Concen: 51.751 ug/l
 RT: 12.78 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

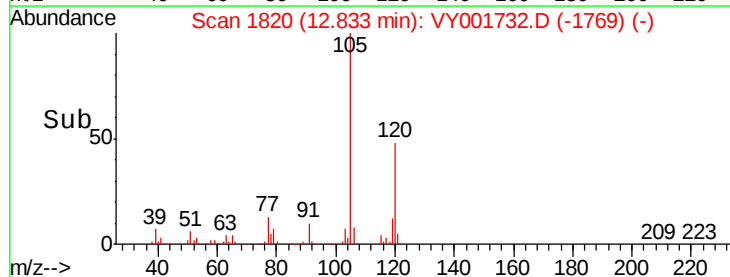
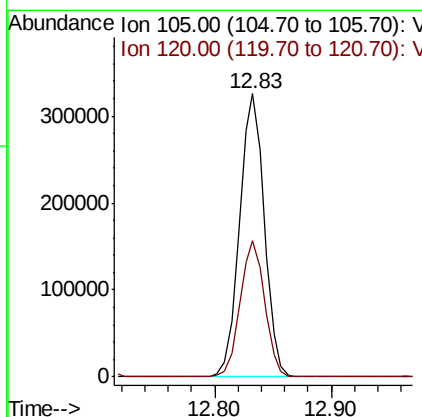
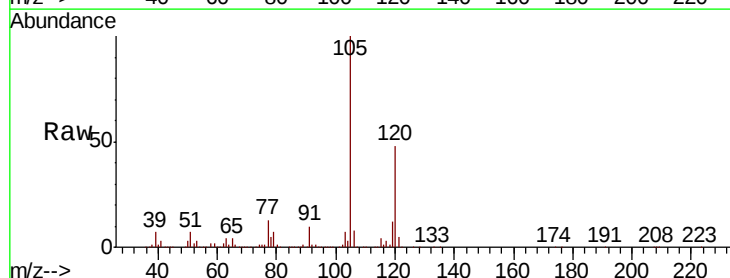
Instrument :
 MSVOA_Y
 ClientSampleId :

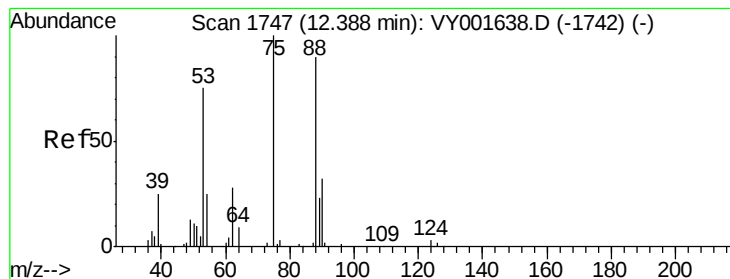
Tot Ion: 91 Resp: 394829
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.010 ug/l
 RT: 12.83 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion: 105 Resp: 480858
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.070 ug/l

RT: 12.40 min Scan# 1749

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

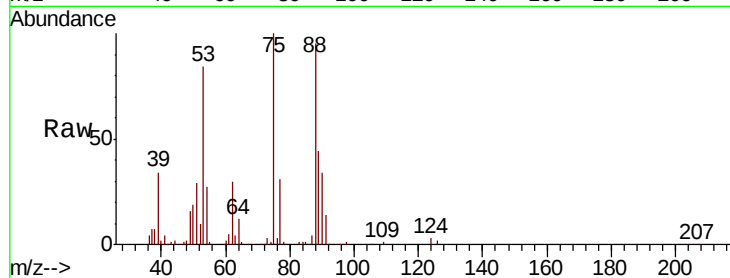
Tot Ion: 75 Resp: 45273

Ion Ratio Lower Upper

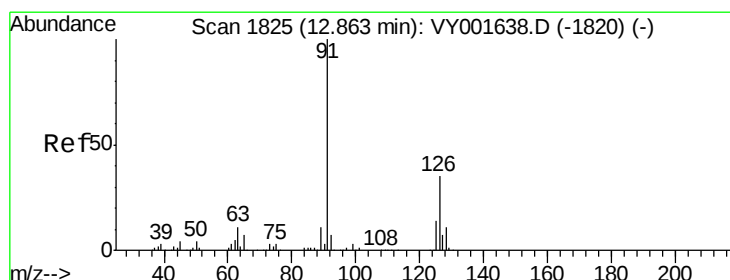
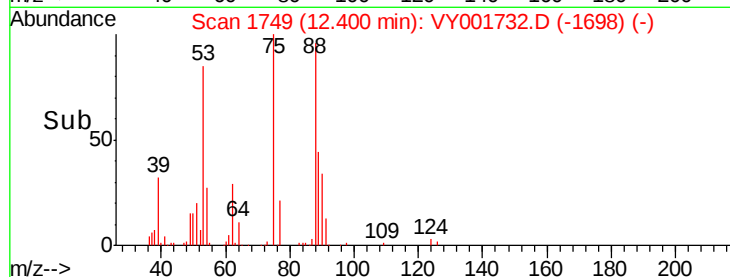
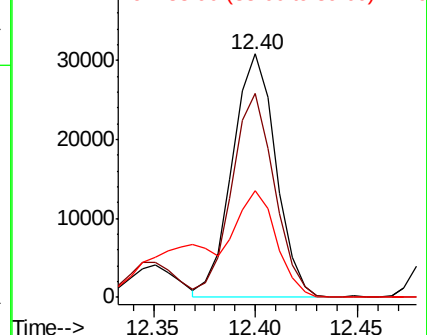
75 100

53 82.7 64.5 96.7

89 42.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.772 ug/l

RT: 12.88 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VY001732.D

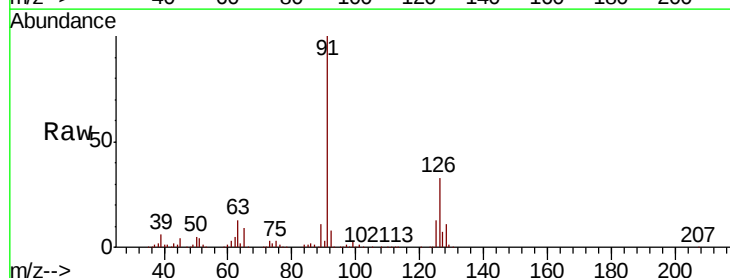
Acq: 21 Feb 2020 10:52

Tgt Ion: 91 Resp: 416594

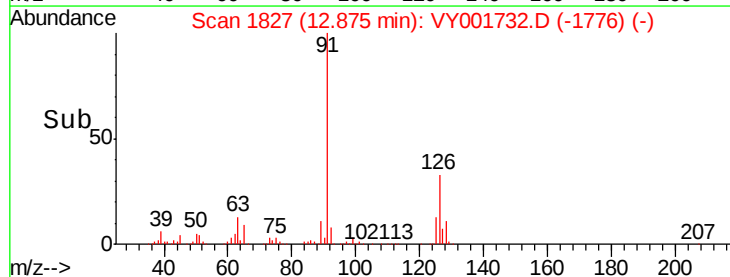
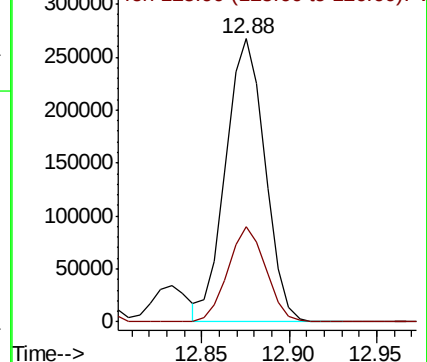
Ion Ratio Lower Upper

91 100

126 32.5 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: 51.383 ug/l

RT: 13.09 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

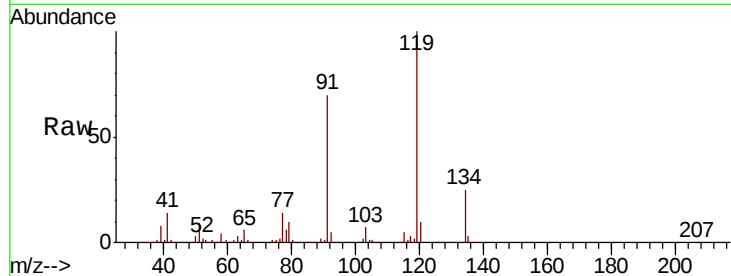
Tot Ion:119 Resp: 397329

Ion Ratio Lower Upper

119 100

91 67.2 33.5 100.5

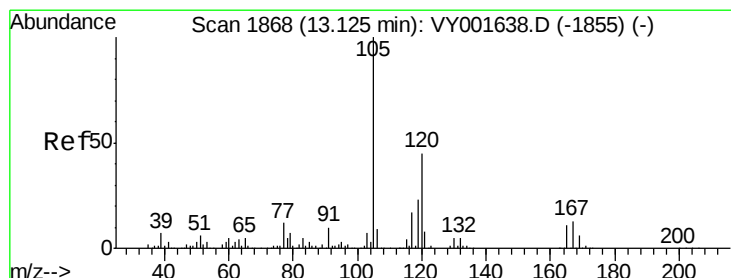
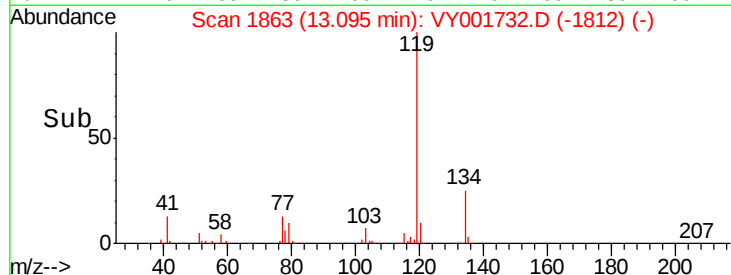
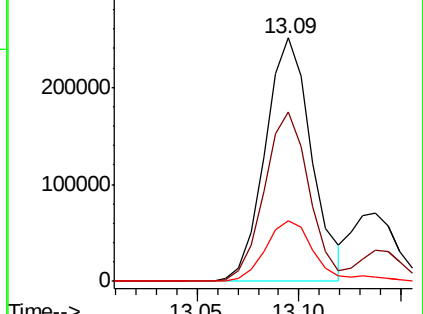
134 26.9 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.205 ug/l

RT: 13.14 min Scan# 1870

Delta R.T. 0.01 min

Lab File: VY001732.D

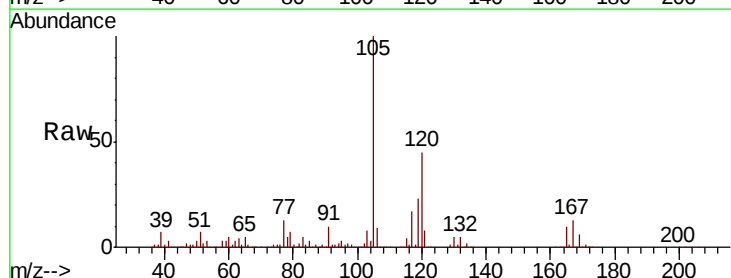
Acq: 21 Feb 2020 10:52

Tgt Ion:105 Resp: 471980

Ion Ratio Lower Upper

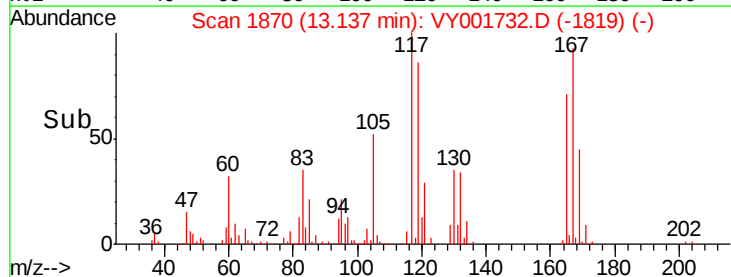
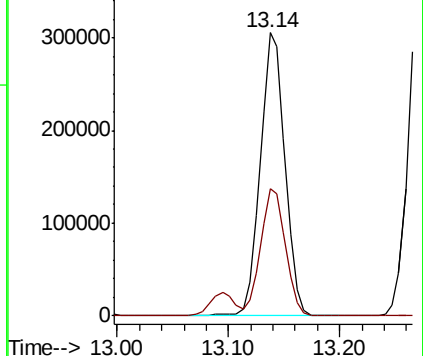
105 100

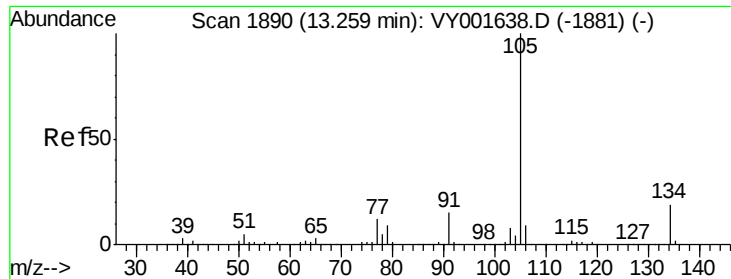
120 45.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.853 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

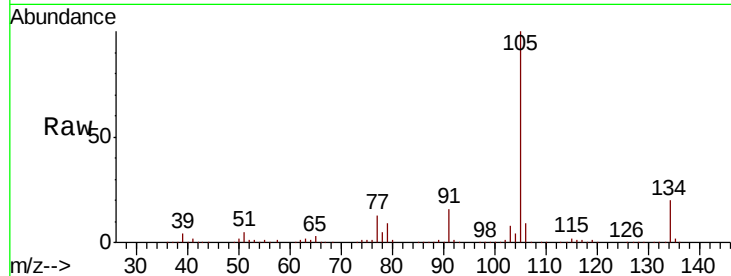
ClientSampleId :

Tot Ion:105 Resp: 589710

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

400000

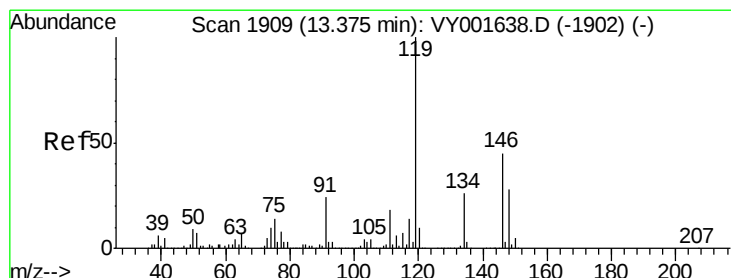
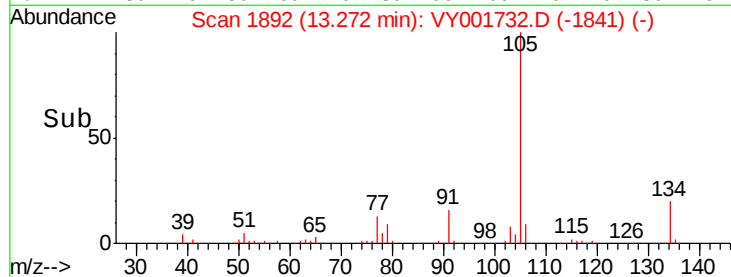
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.042 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

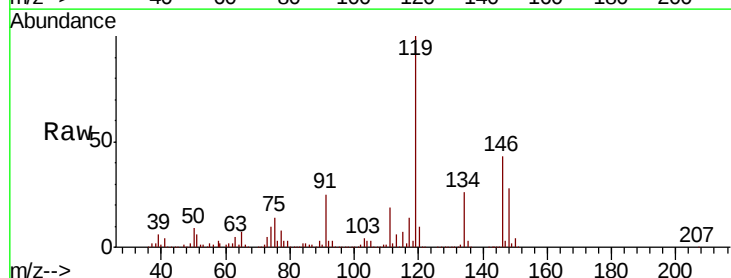
Tgt Ion:119 Resp: 504286

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.9 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.39

400000

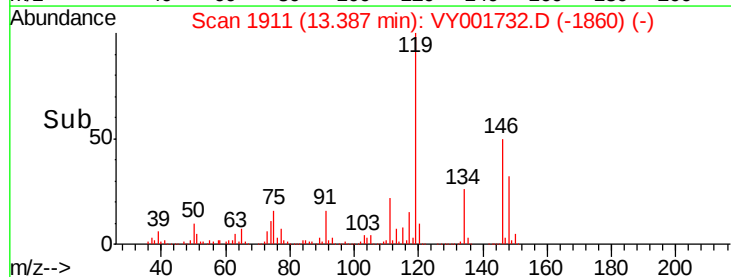
300000

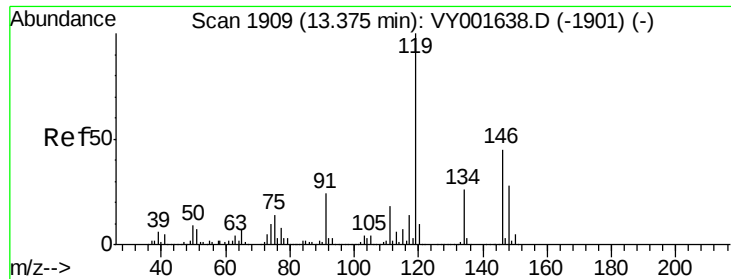
200000

100000

0

Time-->

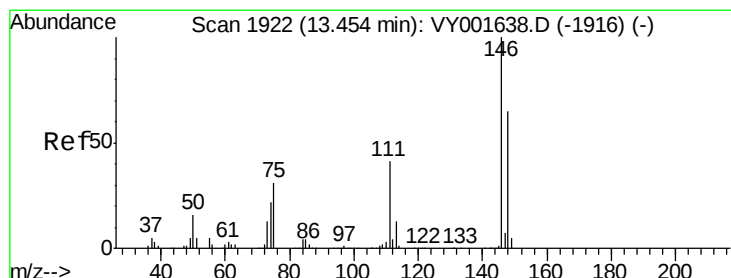
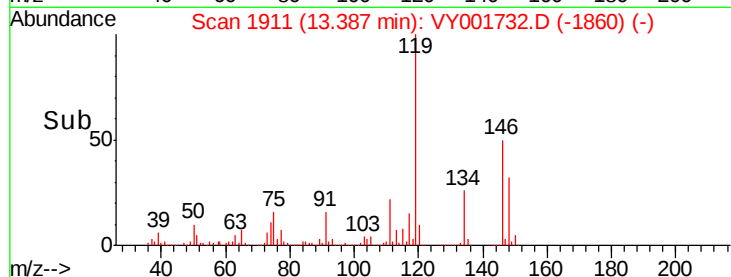
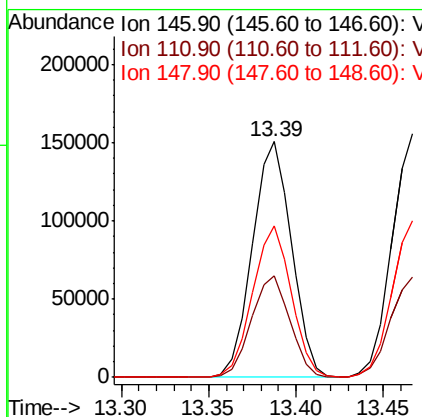
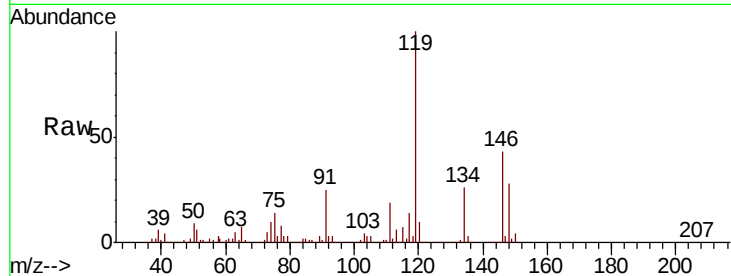




#87
 1,3-Dichlorobenzene
 Concen: 49.867 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

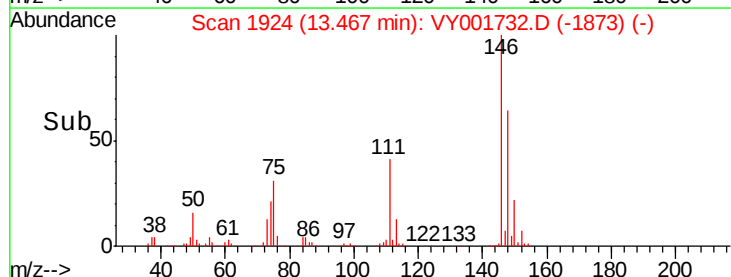
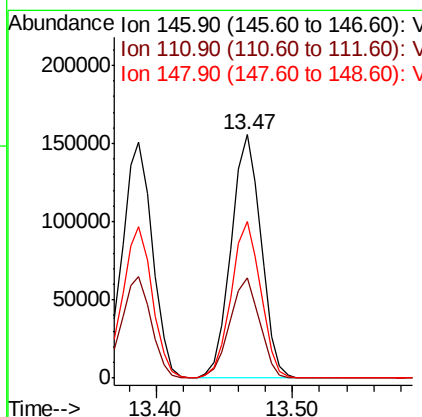
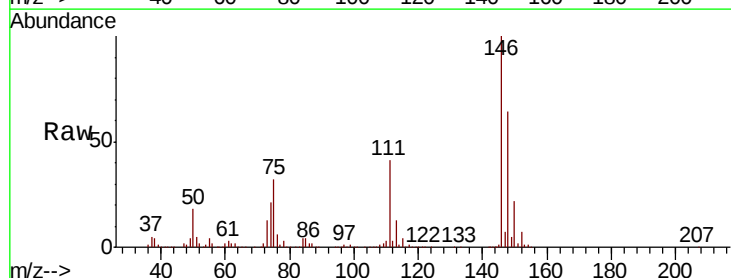
Instrument :
 MSVOA_Y
 ClientSampleId :

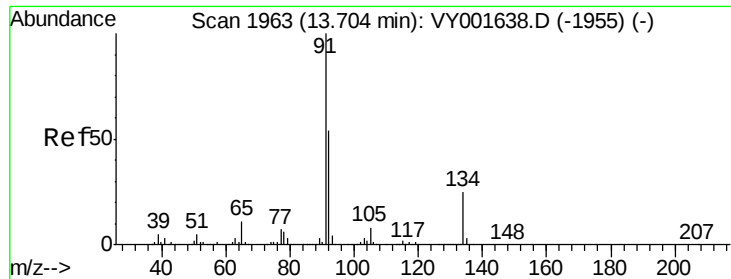
Tot Ion:146 Resp: 234164
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.4 64.3
 148 63.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.198 ug/l
 RT: 13.47 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion:146 Resp: 238270
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 51.450 ug/l

RT: 13.72 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

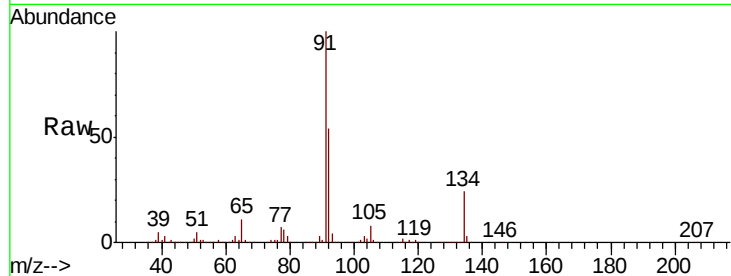
Tot Ion: 91 Resp: 519406

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.4

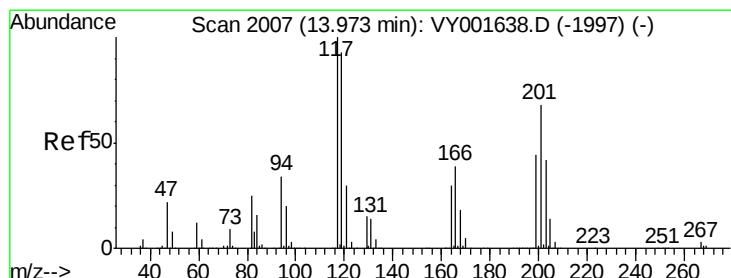
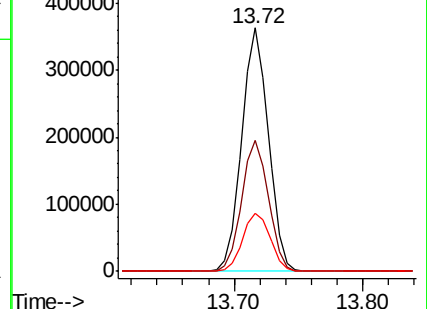
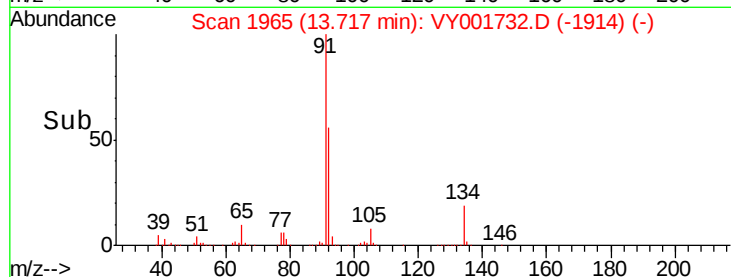
134 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY001732.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY001732.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY001732.D (-1955) (-)



#90

Hexachloroethane

Concen: 51.558 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY001732.D

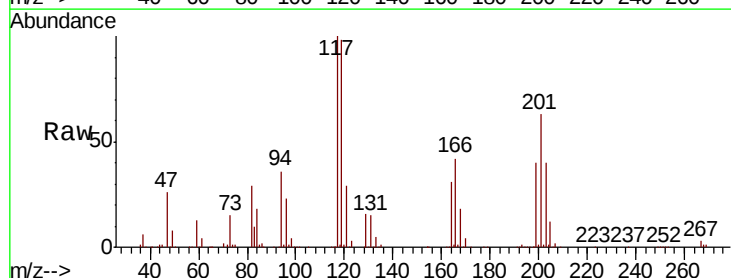
Acq: 21 Feb 2020 10:52

Tgt Ion: 117 Resp: 95973

Ion Ratio Lower Upper

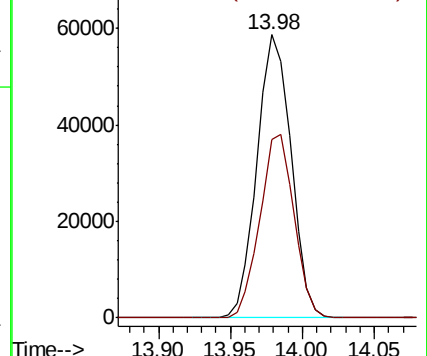
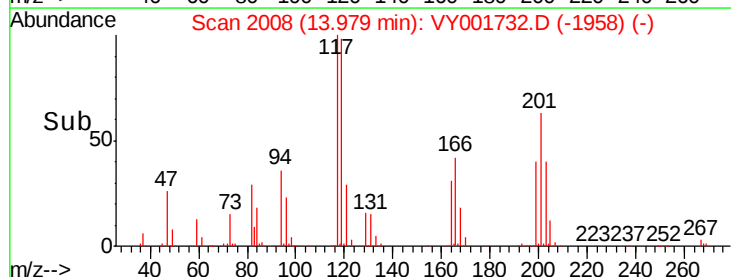
117 100

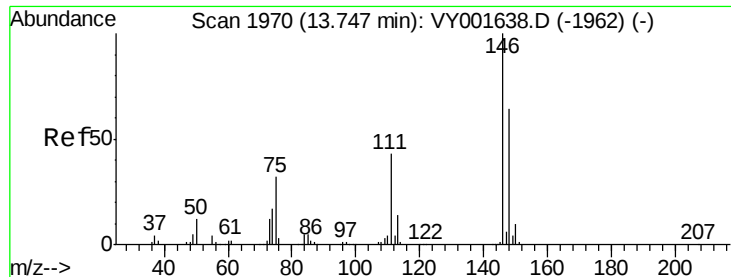
201 64.8 32.5 97.4



Abundance Ion 116.80 (116.50 to 117.50): VY001732.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001732.D (-1958) (-)





#91

1,2-Dichlorobenzene

Concen: 49.959 ug/l

RT: 13.76 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

Instrument :

MSVOA_Y

ClientSampleId :

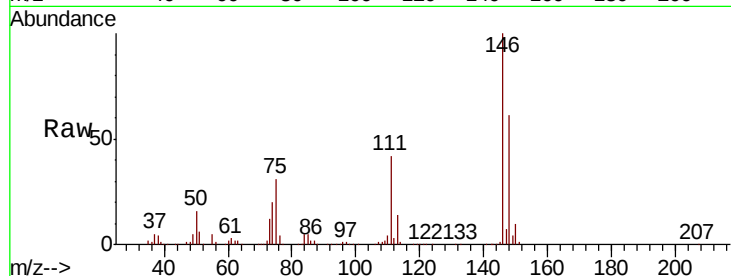
Tot Ion:146 Resp: 216496

Ion Ratio Lower Upper

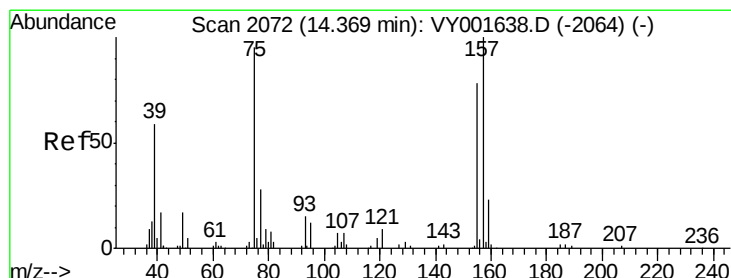
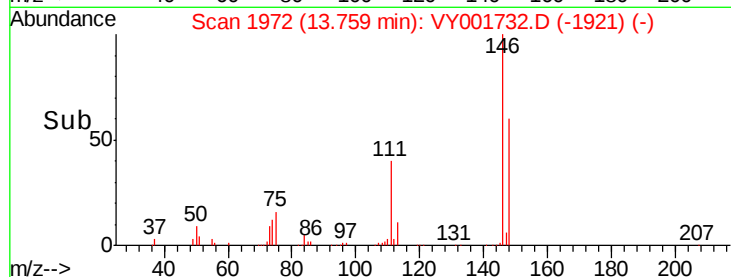
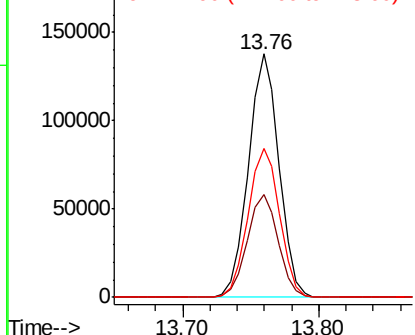
146 100

111 42.8 21.9 65.7

148 63.2 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.970 ug/l

RT: 14.37 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY001732.D

Acq: 21 Feb 2020 10:52

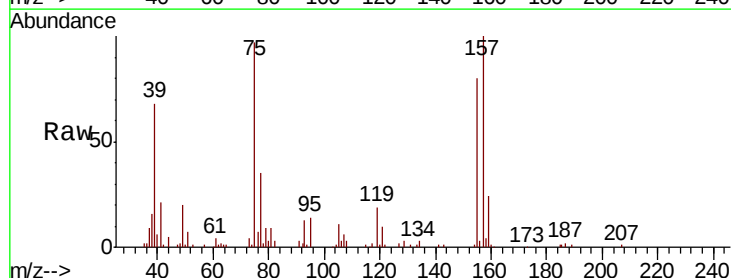
Tgt Ion: 75 Resp: 18880

Ion Ratio Lower Upper

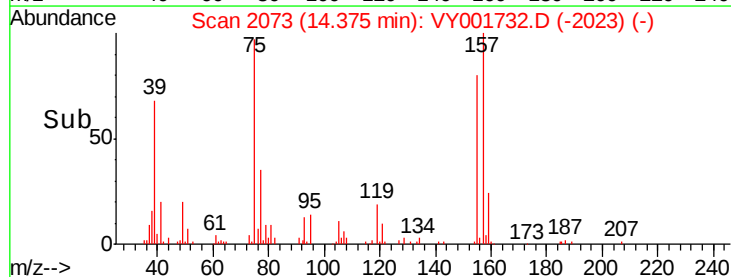
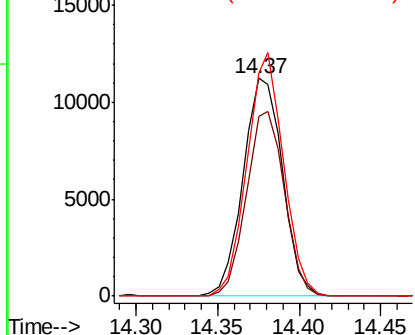
75 100

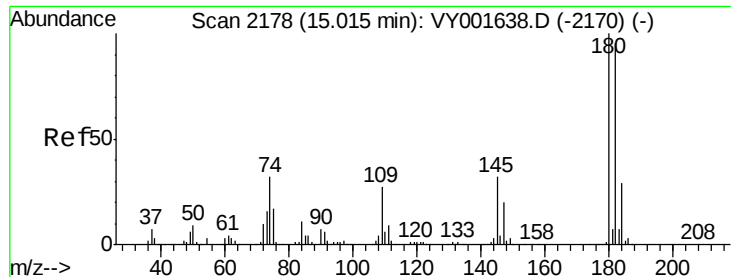
155 81.8 40.8 122.4

157 103.7 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

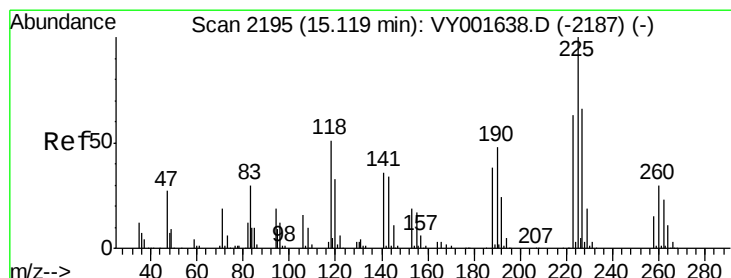
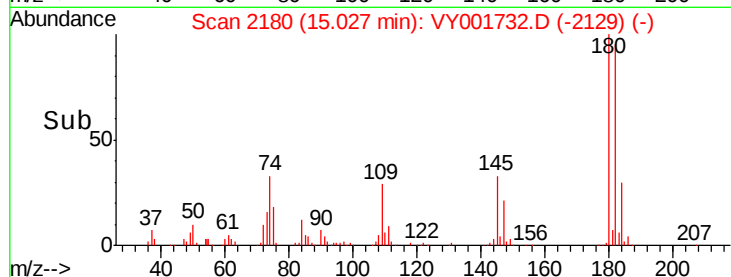
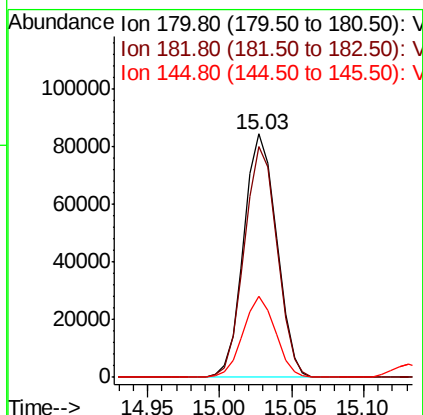
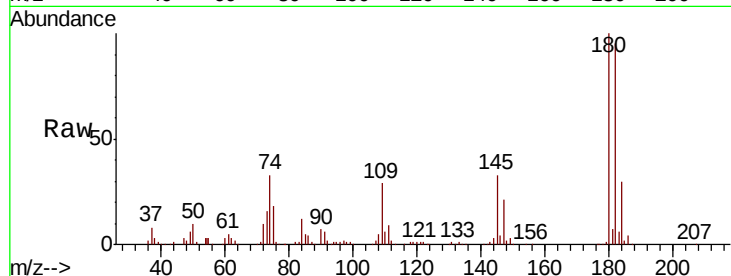




#93
 1,2,4-Trichlorobenzene
 Concen: 46.581 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

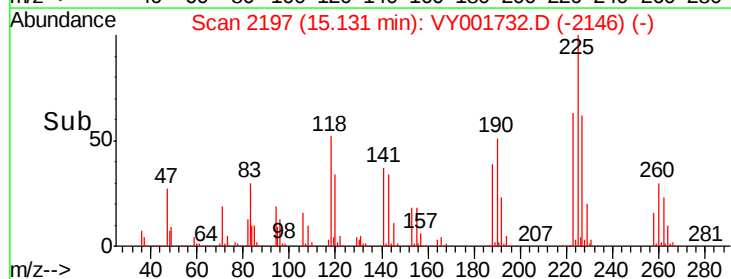
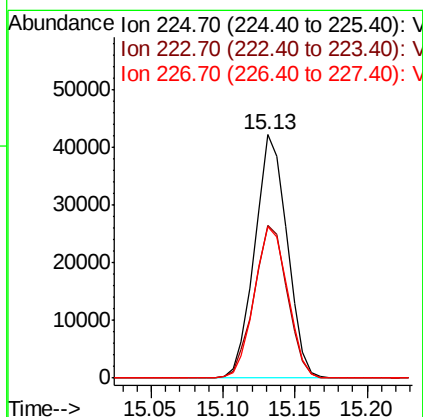
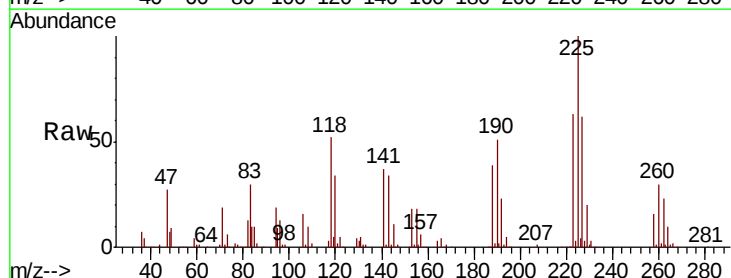
Instrument :
 MSVOA_Y
 ClientSampled :

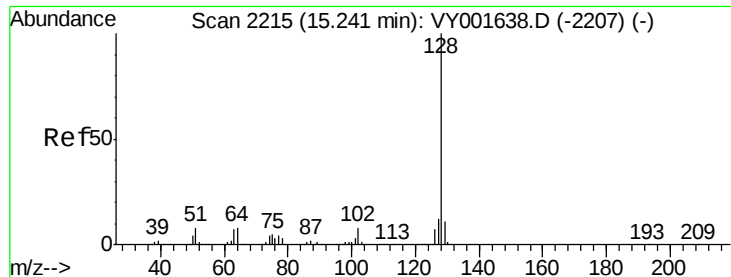
Tot Ion:180 Resp: 133767
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.8 140.3
 145 32.5 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 45.788 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001732.D
 Acq: 21 Feb 2020 10:52

Tgt Ion:225 Resp: 65393
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.4 94.0
 227 64.4 31.6 94.8

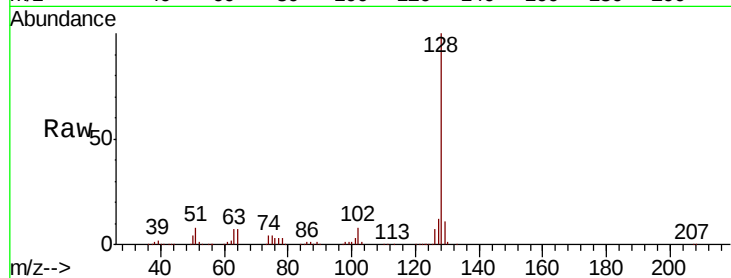




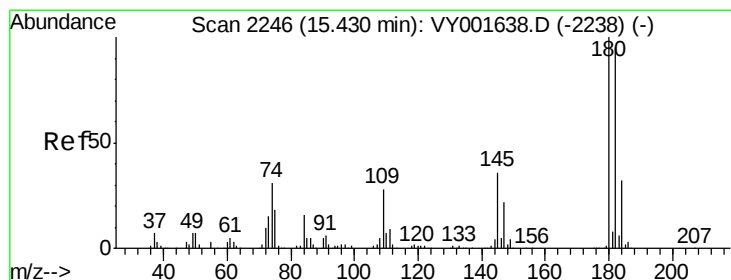
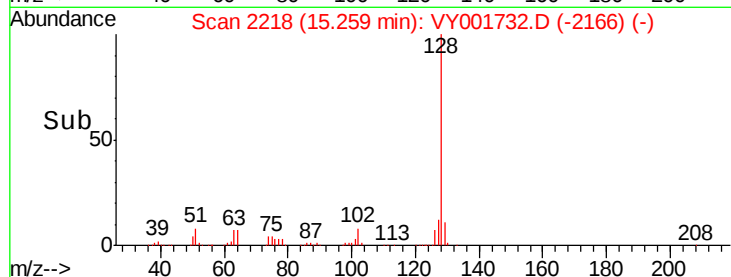
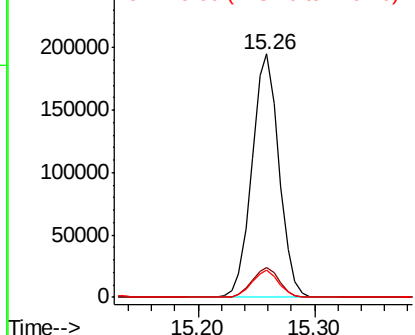
#95
Naphthalene
Concen: 47.691 ug/l
RT: 15.26 min Scan# 2218
Delta R.T. 0.02 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 315782
Ion Ratio Lower Upper
128 100
127 12.3 9.9 14.9
129 11.0 8.6 13.0

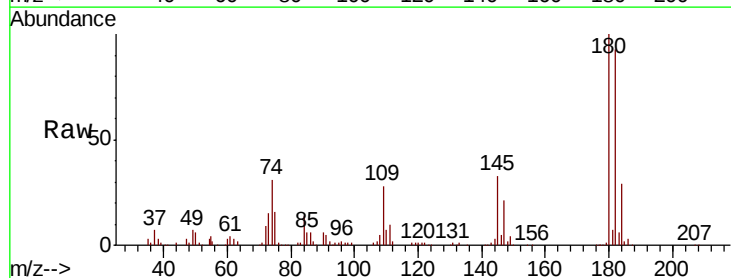


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.363 ug/l
RT: 15.45 min Scan# 2249
Delta R.T. 0.02 min
Lab File: VY001732.D
Acq: 21 Feb 2020 10:52

Tgt Ion:180 Resp: 117133
Ion Ratio Lower Upper
180 100
182 94.7 47.2 141.6
145 33.6 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

