

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010070.D
 Acq On : 05 Jun 2019 12:34
 Operator : JC/SP
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106827	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.50	113	78816	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	321904	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	116696	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43132	21.645	ug/l	98
3) Chloromethane	1.33	50	47957	17.902	ug/l	99
4) Vinyl Chloride	1.41	62	44431	18.398	ug/l	98
5) Bromomethane	1.64	94	25037	17.112	ug/l	97
6) Chloroethane	1.72	64	28188	18.962	ug/l	99
7) Trichlorofluoromethane	1.93	101	51895	19.446	ug/l	100
8) Diethyl Ether	2.19	74	22466	17.915	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31770	19.719	ug/l	99
10) Methyl Iodide	2.51	142	32689	19.516	ug/l	99
11) Tert butyl alcohol	3.05	59	53758	94.830	ug/l	98
12) 1,1-Dichloroethene	2.37	96	31803	19.258	ug/l	99
13) Acrolein	2.29	56	32560	95.289	ug/l	98
14) Allyl chloride	2.73	41	76073	18.953	ug/l	98
15) Acrylonitrile	3.14	53	125775	92.082	ug/l	99
16) Acetone	2.45	43	122625	92.137	ug/l	98
17) Carbon Disulfide	2.57	76	96557	19.545	ug/l	100
18) Methyl Acetate	2.78	43	57310	18.506	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	121078	19.419	ug/l	98
20) Methylene Chloride	2.86	84	38533	18.906	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	34691	18.879	ug/l	98
22) Diisopropyl ether	3.85	45	146395	19.169	ug/l	95
23) Vinyl Acetate	3.82	43	655551	95.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71401	19.292	ug/l	99
25) 2-Butanone	4.68	43	193018	93.087	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53173	18.992	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40164	18.935	ug/l	97
28) Bromochloromethane	5.02	49	33899	17.650	ug/l	98
29) Tetrahydrofuran	5.13	42	122971	92.482	ug/l	98
30) Chloroform	5.21	83	65549	19.638	ug/l	95
31) Cyclohexane	5.58	56	70907	20.228	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	54745	20.139	ug/l	99
36) 1,1-Dichloropropene	5.80	75	50153	19.222	ug/l	99
37) Ethyl Acetate	4.84	43	69705	19.173	ug/l	99
38) Carbon Tetrachloride	5.79	117	45779	20.304	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61912	20.004	ug/l	98
40) Benzene	6.15	78	155777	20.126	ug/l	99
41) Methacrylonitrile	5.04	41	38668	18.202	ug/l	95
42) 1,2-Dichloroethane	6.19	62	56200	19.640	ug/l	99
43) Isopropyl Acetate	6.45	43	112201	19.127	ug/l	99
44) Trichloroethene	7.21	130	37260	19.818	ug/l	97
45) 1,2-Dichloropropane	7.51	63	43868	19.689	ug/l	97
46) Dibromomethane	7.66	93	24892	18.979	ug/l	98
47) Bromodichloromethane	7.90	83	49314	19.773	ug/l	97
48) Methyl methacrylate	7.77	41	55893	19.247	ug/l	98
49) 1,4-Dioxane	7.74	88	21938	406.134	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	369603	96.855	ug/l	99
52) Toluene	8.79	92	94763	20.164	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57480	19.217	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	63656	19.533	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38083	20.134	ug/l	98
56) Ethyl methacrylate	9.18	69	68581	20.366	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66361	19.536	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	170074	96.316	ug/l	100
59) 2-Hexanone	9.49	43	293865	100.023	ug/l	99
60) Dibromochloromethane	9.58	129	36820	19.789	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39250	20.198	ug/l	99
64) Tetrachloroethene	9.34	164	35220	21.521	ug/l	99
65) Chlorobenzene	10.14	112	100276	20.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34913	20.522	ug/l	99
67) Ethyl Benzene	10.25	91	178924	20.316	ug/l	99
68) m/p-Xylenes	10.36	106	133388	40.997	ug/l	99
69) o-Xylene	10.69	106	64510	20.674	ug/l	100
70) Styrene	10.71	104	112353	20.534	ug/l	100
71) Bromoform	10.85	173	28438	20.450	ug/l #	99
73) Isopropylbenzene	11.02	105	173625	20.623	ug/l	100
74) N-amyl acetate	10.90	43	99759	19.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62313	19.839	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	71491	26.200	ug/l	82
77) Bromobenzene	11.26	156	43277	20.170	ug/l	96
78) n-propylbenzene	11.36	91	198727	20.478	ug/l	99
79) 2-Chlorotoluene	11.42	91	119152	20.096	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145497	20.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20529	18.614	ug/l	95
82) 4-Chlorotoluene	11.51	91	135823	19.678	ug/l	99
83) tert-Butylbenzene	11.77	119	138642	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	147976	20.543	ug/l	100
85) sec-Butylbenzene	11.94	105	166167	20.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	152420	20.991	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76620	20.058	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77198	19.817	ug/l	99
89) n-Butylbenzene	12.38	91	135340	19.833	ug/l	99
90) Hexachloroethane	12.60	117	24909	19.989	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76683	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13709	18.542	ug/l	94

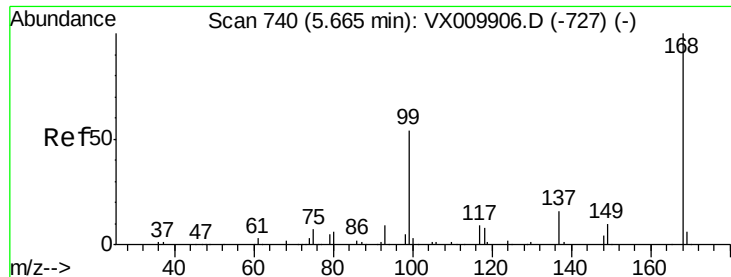
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55784	20.727	ug/l	99
94) Hexachlorobutadiene	13.78	225	25950	19.224	ug/l	100
95) Naphthalene	13.83	128	172512	20.598	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54776	20.333	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

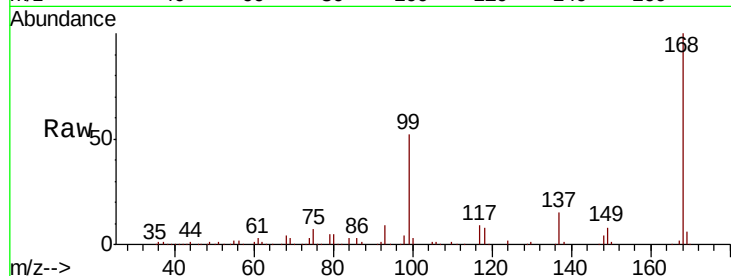
ClientSampleId :

Tot Ion:168 Resp: 163069

Ion Ratio Lower Upper

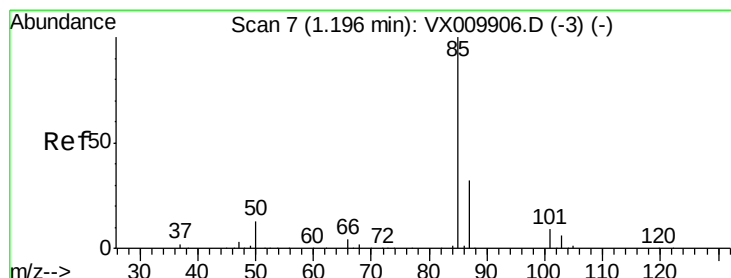
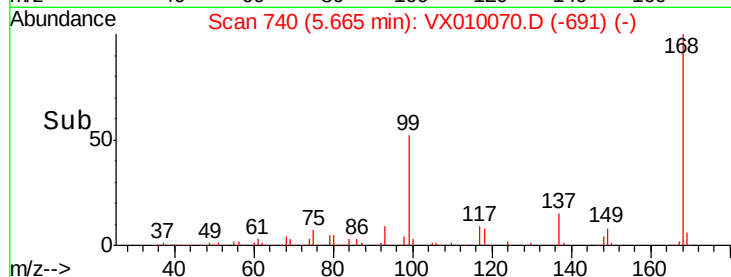
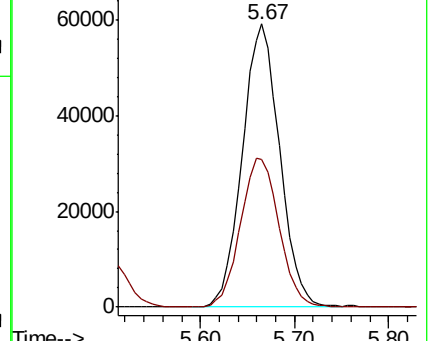
168 100

99 52.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.645 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010070.D

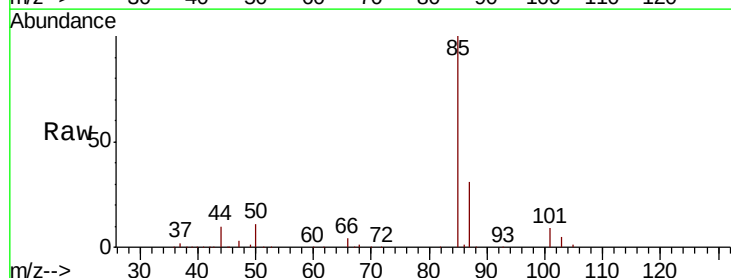
Acq: 05 Jun 2019 12:34

Tgt Ion: 85 Resp: 43132

Ion Ratio Lower Upper

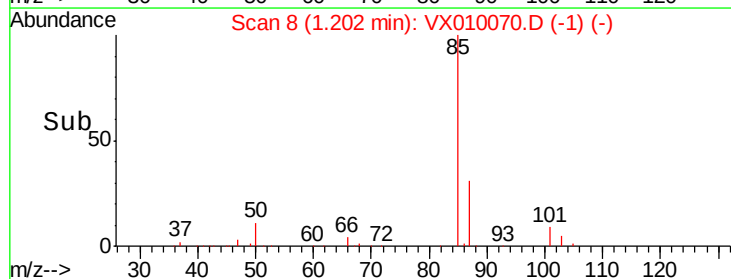
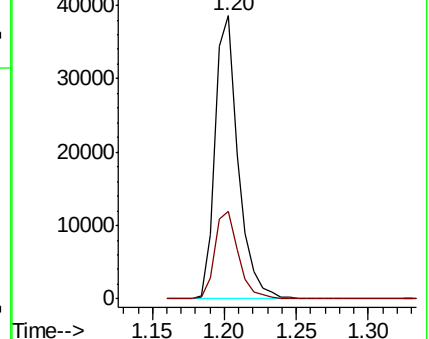
85 100

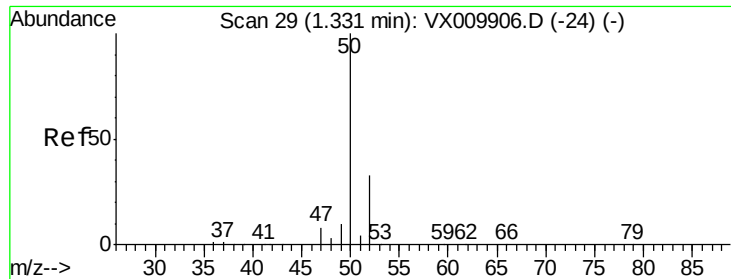
87 31.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.902 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

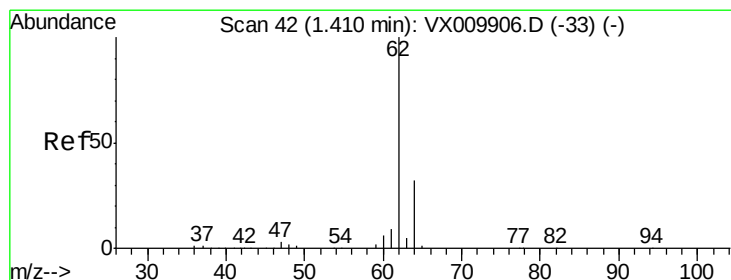
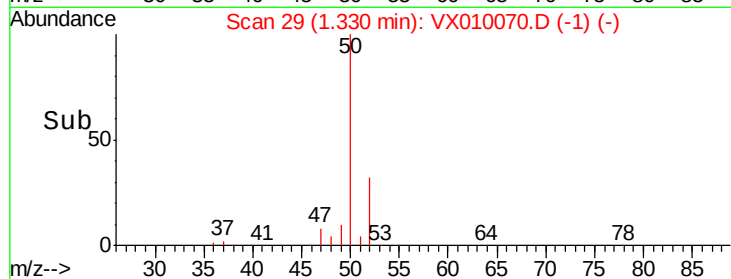
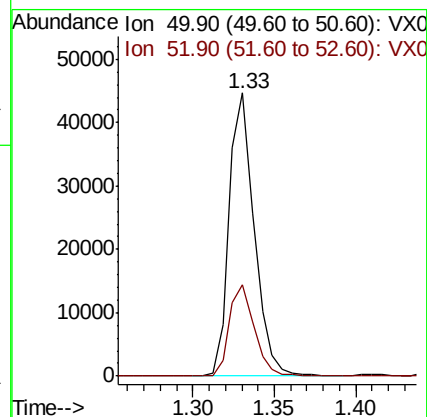
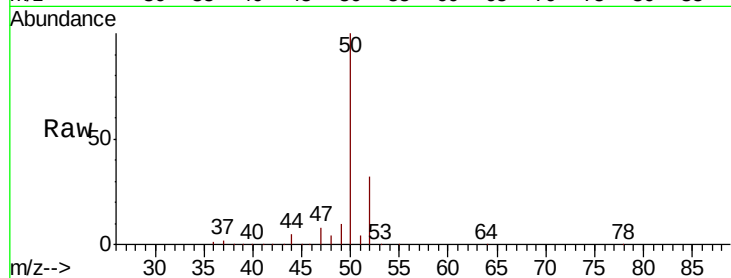
ClientSampleId :

Tot Ion: 50 Resp: 47957

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 18.398 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010070.D

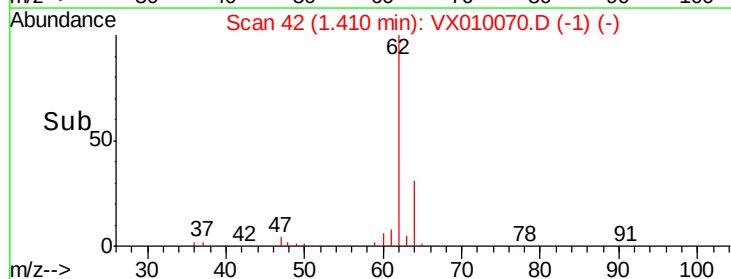
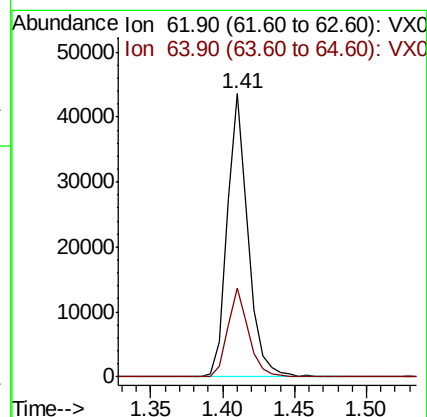
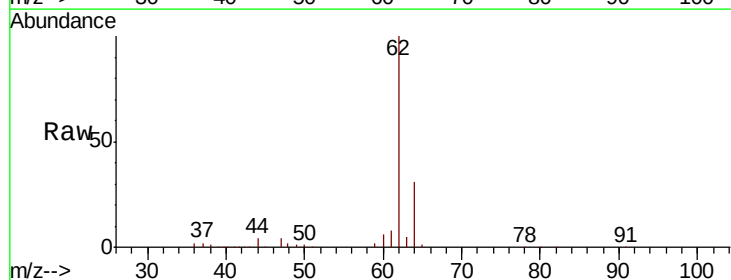
Acq: 05 Jun 2019 12:34

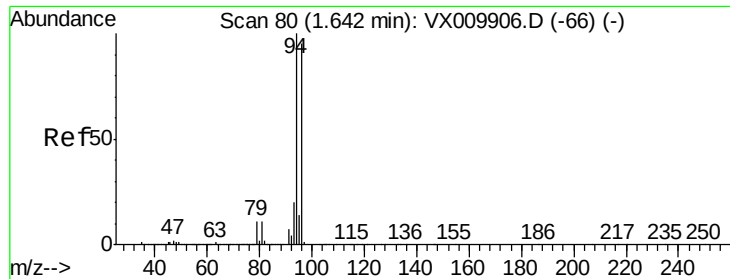
Tgt Ion: 62 Resp: 44431

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 17.112 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

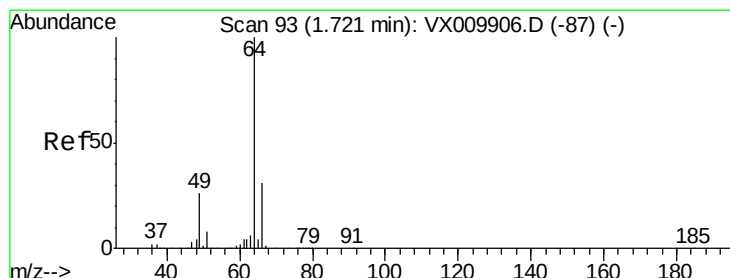
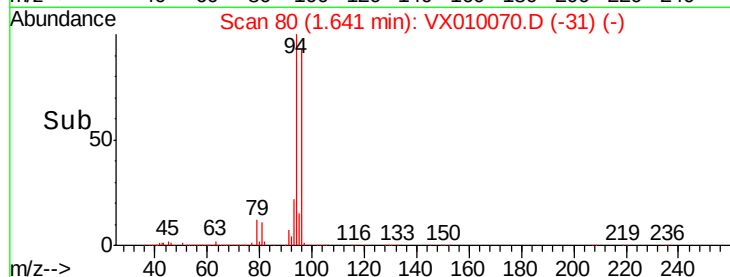
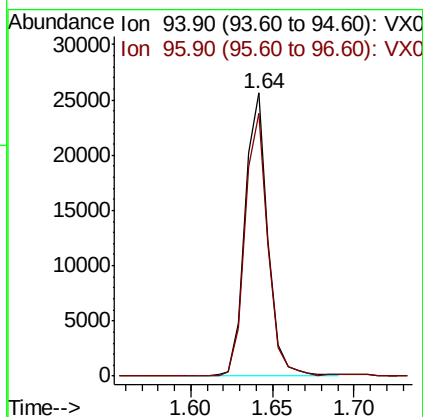
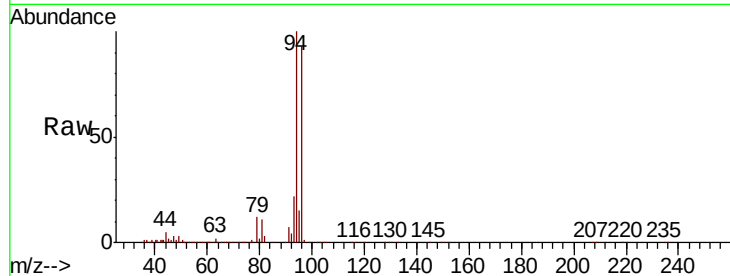
ClientSampleId :

Tot Ion: 94 Resp: 25037

Ion Ratio Lower Upper

94 100

96 92.8 76.2 114.4



#6

Chloroethane

Concen: 18.962 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010070.D

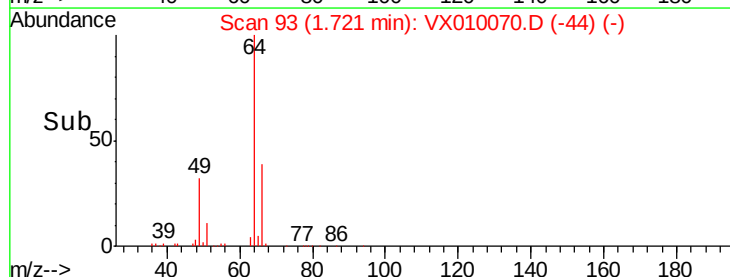
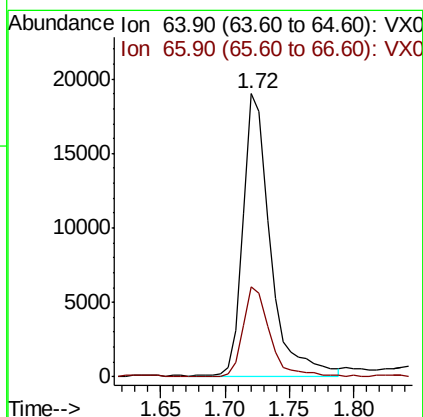
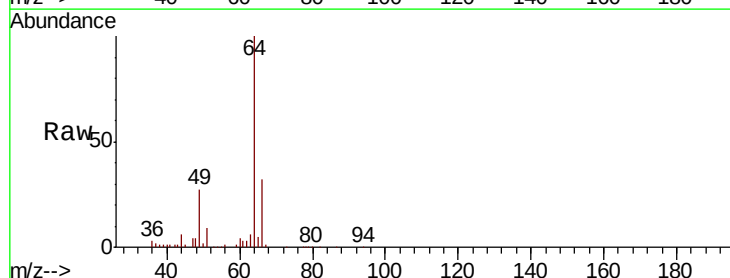
Acq: 05 Jun 2019 12:34

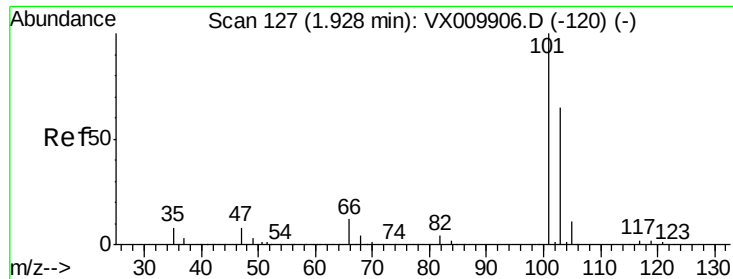
Tgt Ion: 64 Resp: 28188

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7



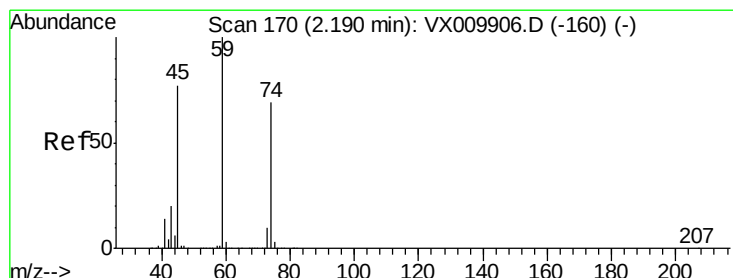
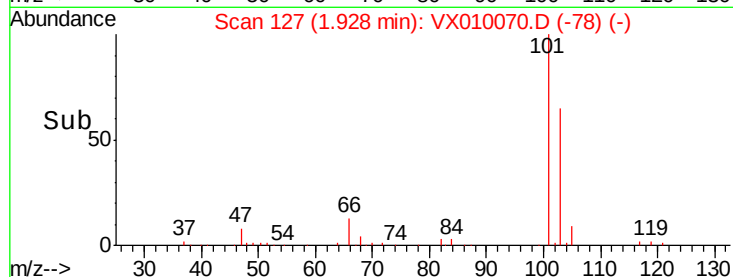
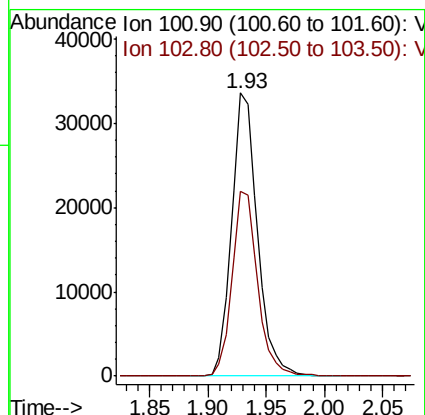
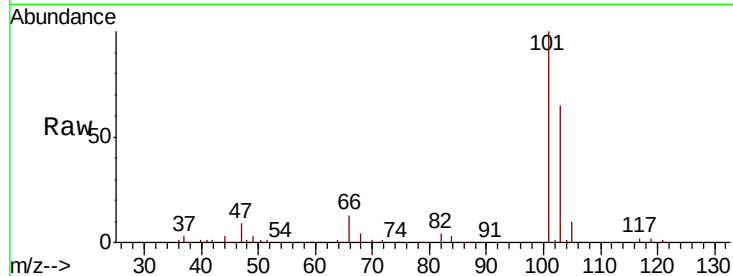


#7

Trichlorofluoromethane
Concen: 19.446 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :

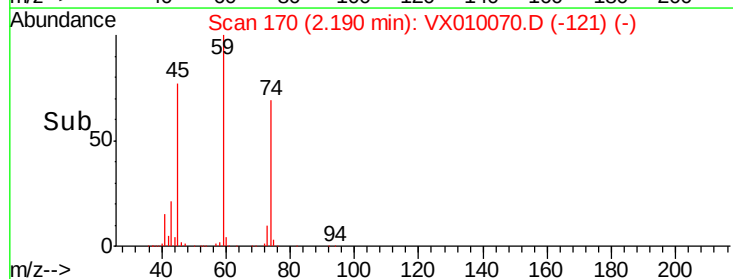
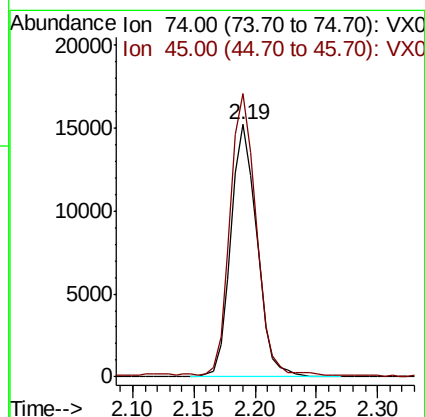
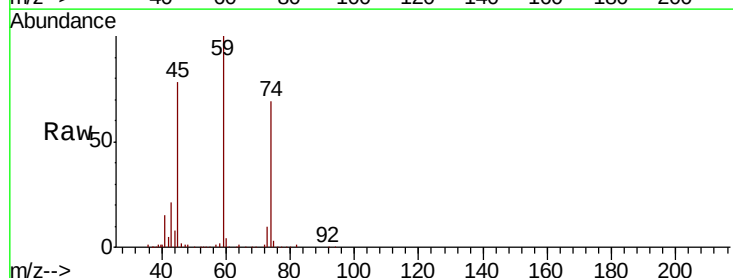
Tot Ion:101 Resp: 51895
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

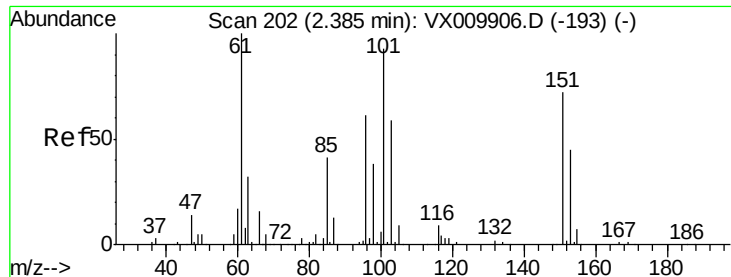


#8

Diethyl Ether
Concen: 17.915 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 74 Resp: 22466
Ion Ratio Lower Upper
74 100
45 111.9 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.719 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

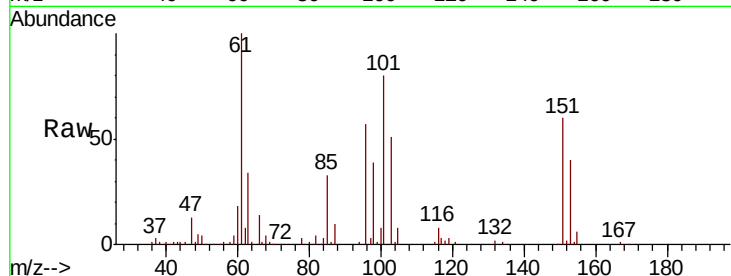
Tot Ion:101 Resp: 31770

Ion Ratio Lower Upper

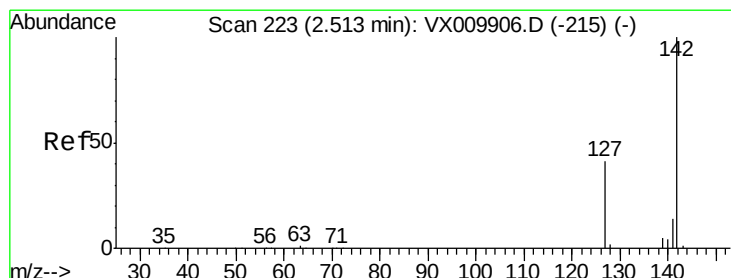
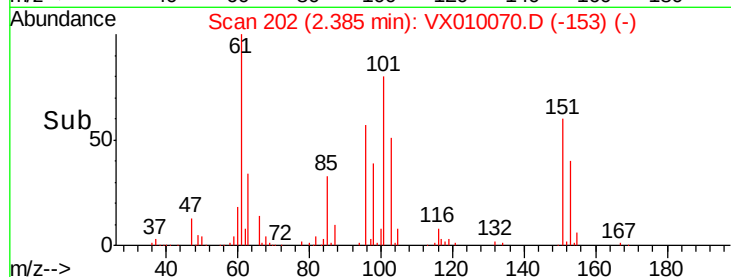
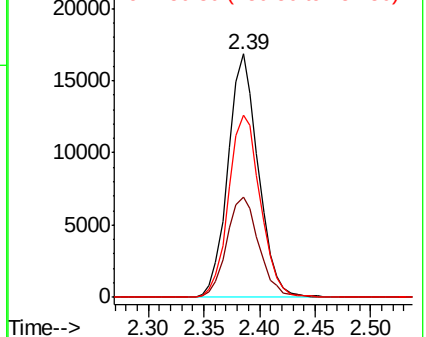
101 100

85 43.9 35.2 52.8

151 78.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.516 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

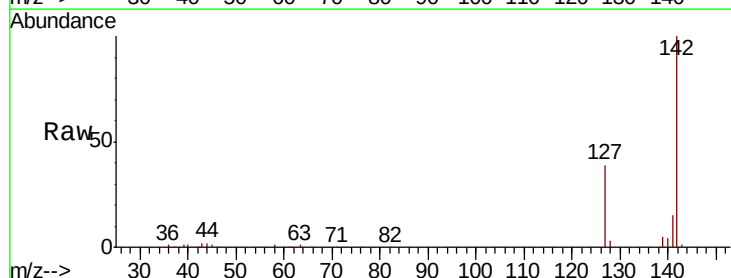
Tgt Ion:142 Resp: 32689

Ion Ratio Lower Upper

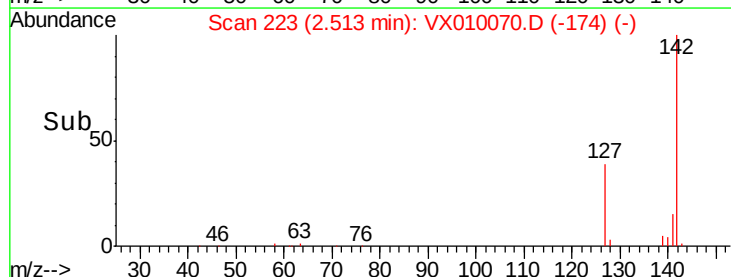
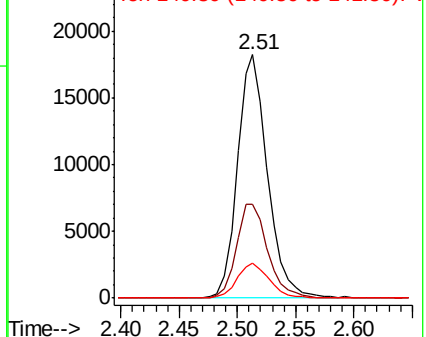
142 100

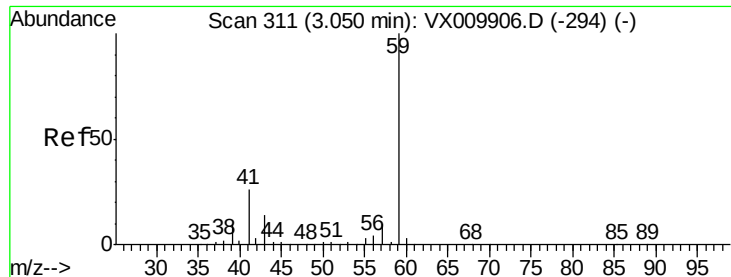
127 40.7 33.0 49.4

141 15.2 11.4 17.0



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



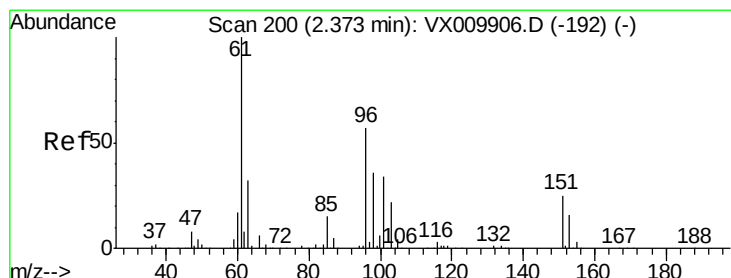
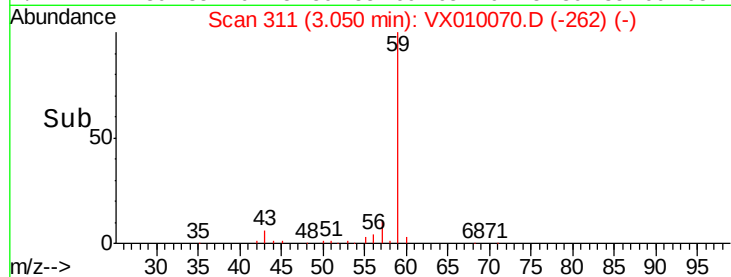
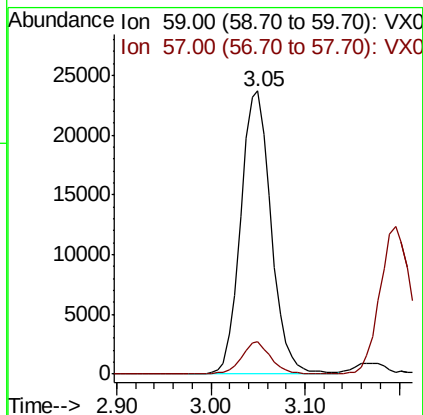
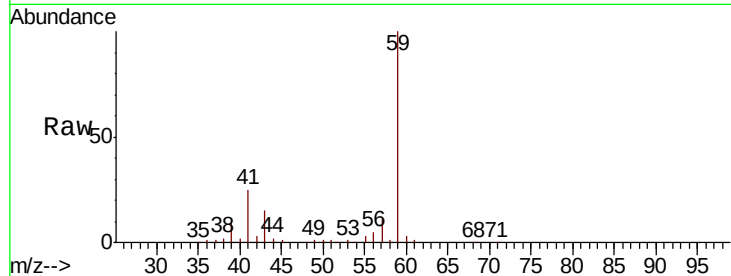


#11

Tert butyl alcohol
 Concen: 94.830 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Instrument :
 MSVOA_X
 ClientSampled :

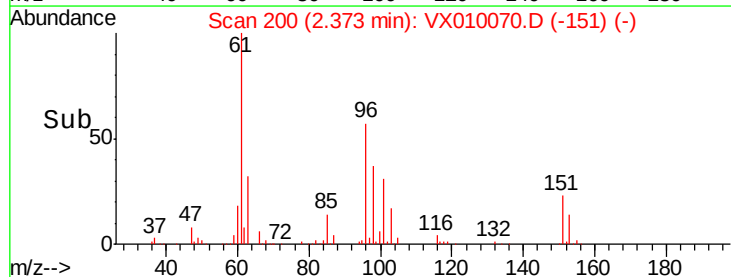
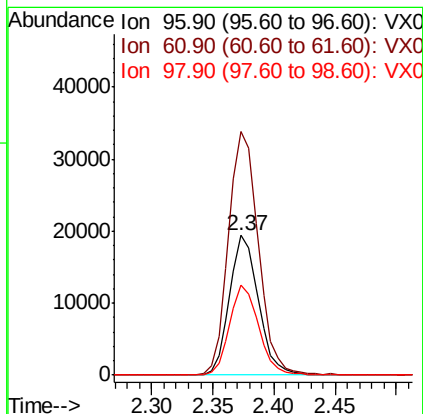
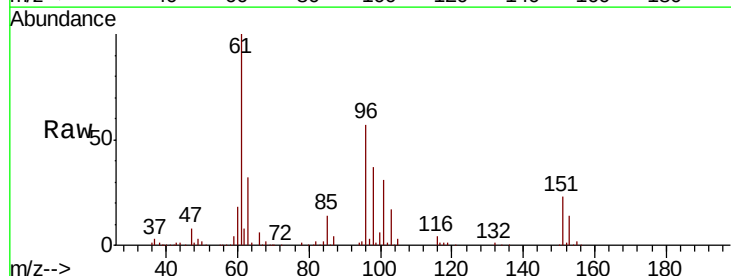
Tot Ion: 59 Resp: 53758
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

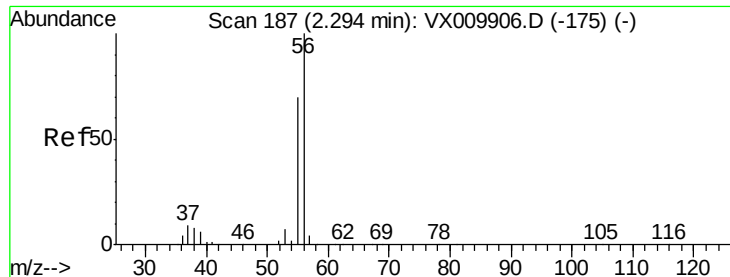


#12

1,1-Dichloroethene
 Concen: 19.258 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 96 Resp: 31803
 Ion Ratio Lower Upper
 96 100
 61 174.7 140.7 211.1
 98 64.5 50.1 75.1





#13

Acrolein

Concen: 95.289 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

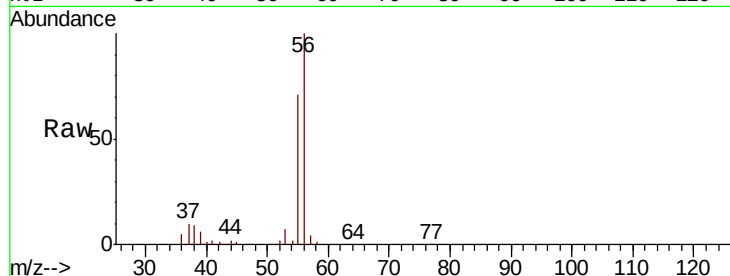
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 32560

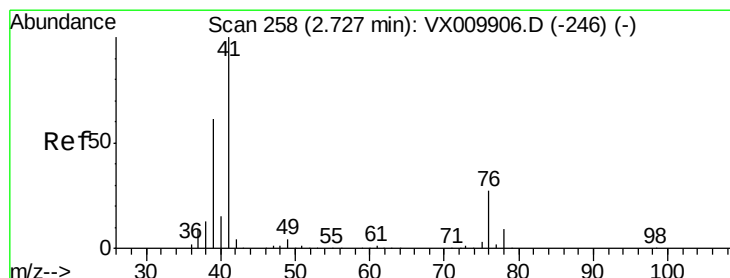
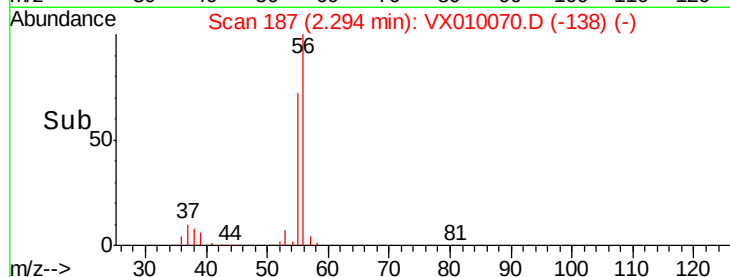
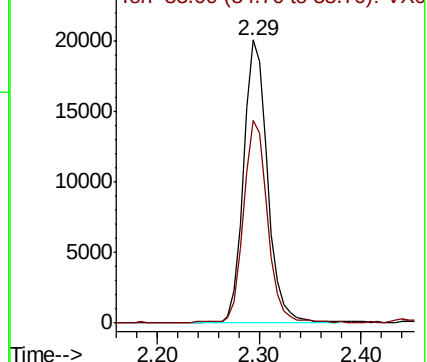
Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.953 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

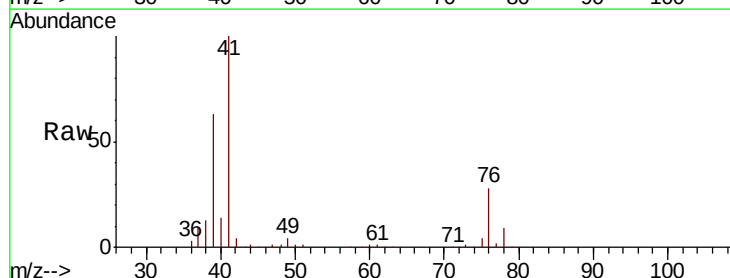
Tgt Ion: 41 Resp: 76073

Ion Ratio Lower Upper

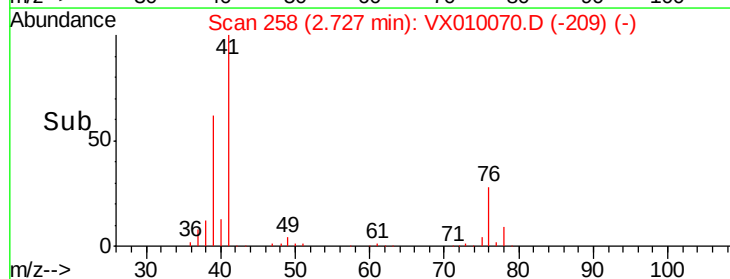
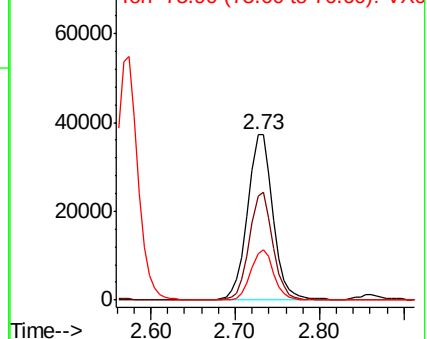
41 100

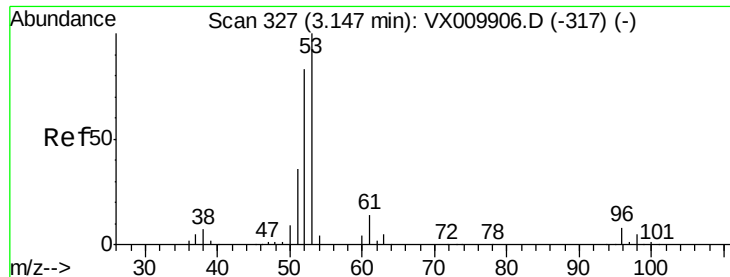
39 60.5 46.7 70.1

76 27.1 21.0 31.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.082 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

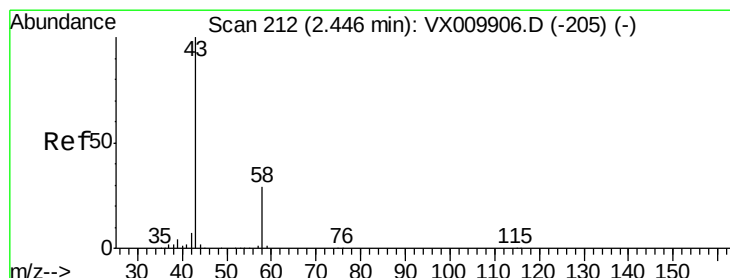
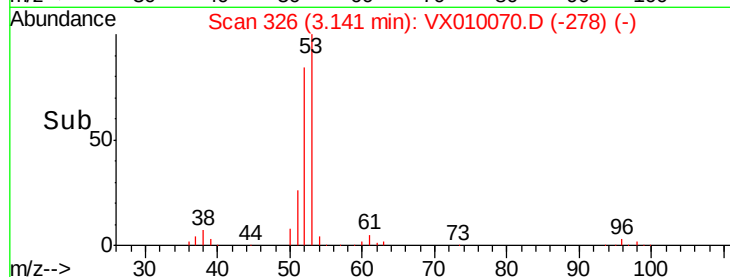
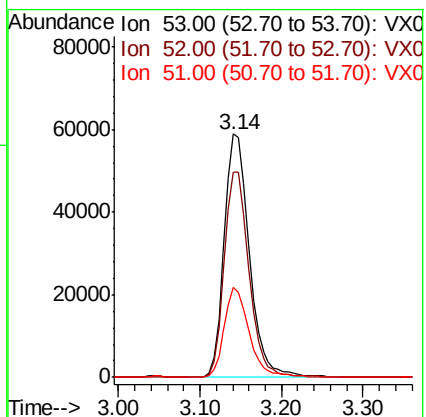
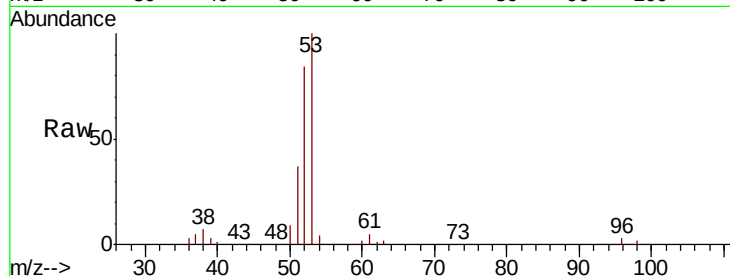
Tot Ion: 53 Resp: 125775

Ion Ratio Lower Upper

53 100

52 83.0 66.7 100.1

51 36.5 28.8 43.2



#16

Acetone

Concen: 92.137 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010070.D

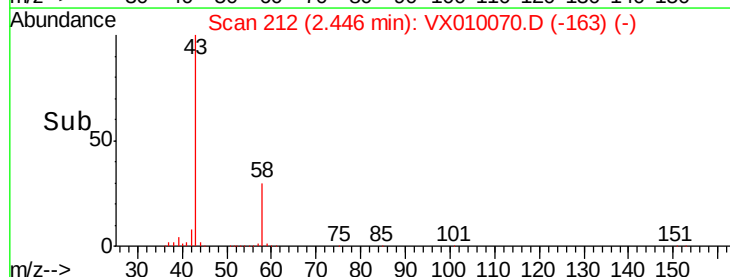
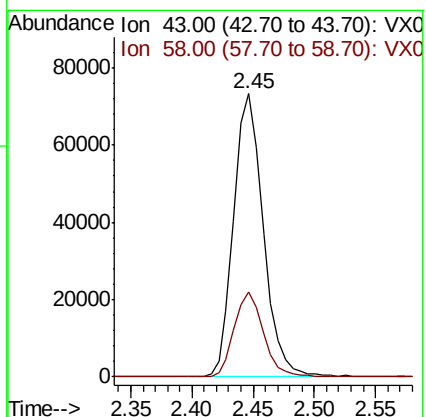
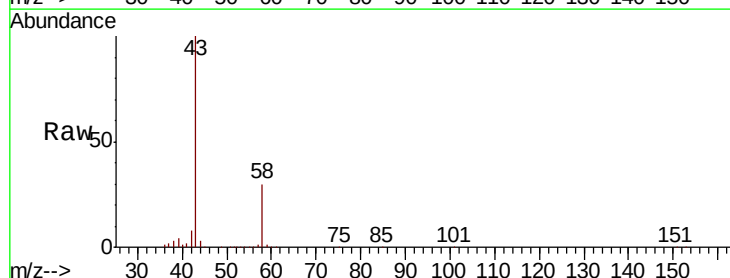
Acq: 05 Jun 2019 12:34

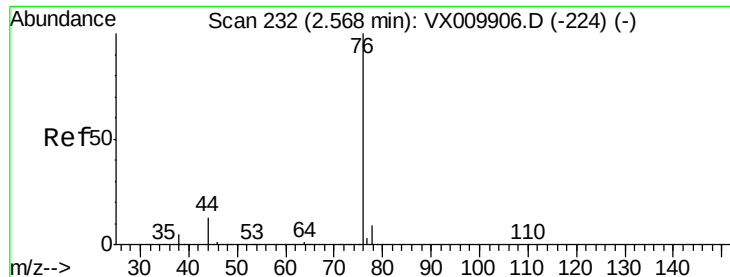
Tgt Ion: 43 Resp: 122625

Ion Ratio Lower Upper

43 100

58 29.8 23.2 34.8





#17

Carbon Disulfide

Concen: 19.545 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

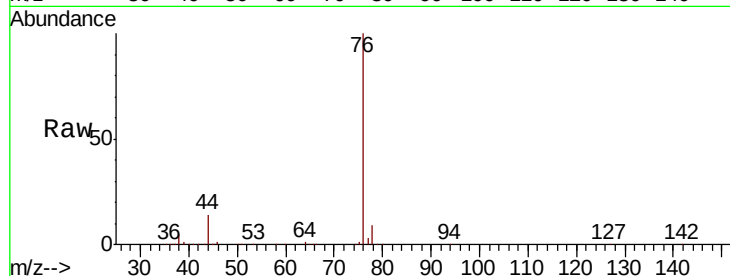
ClientSampled :

Tot Ion: 76 Resp: 96557

Ion Ratio Lower Upper

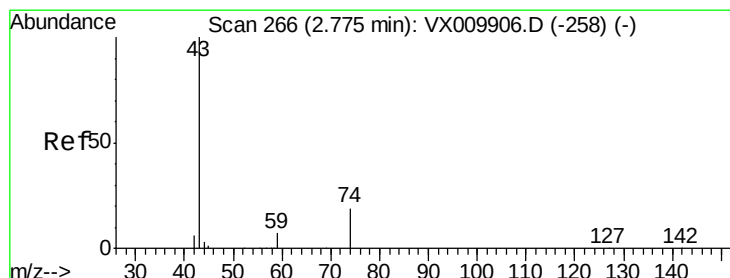
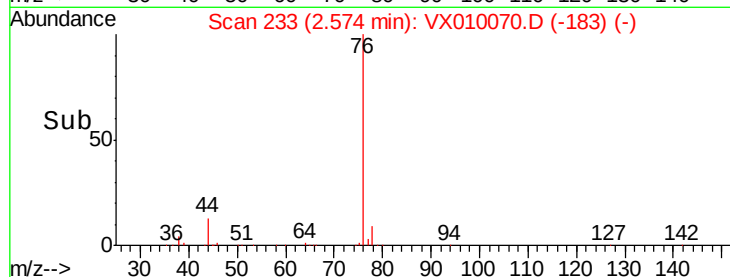
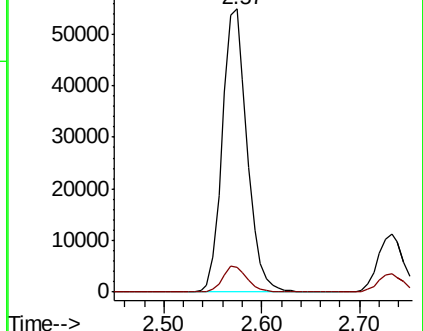
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.506 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010070.D

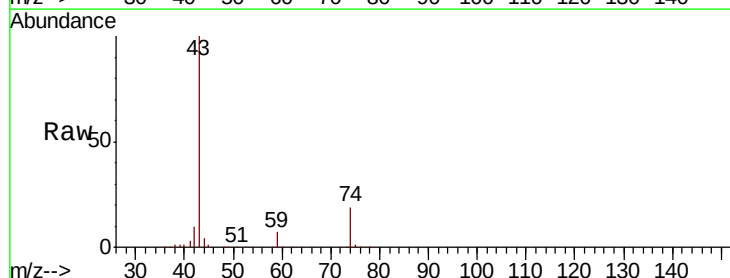
Acq: 05 Jun 2019 12:34

Tgt Ion: 43 Resp: 57310

Ion Ratio Lower Upper

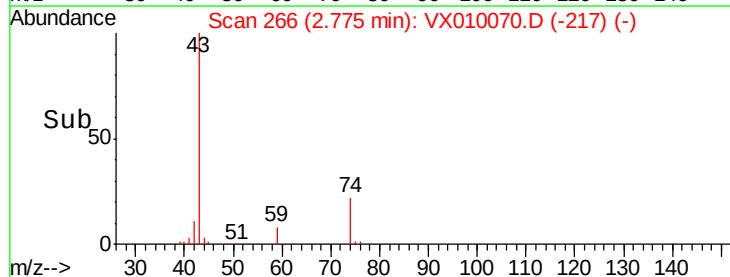
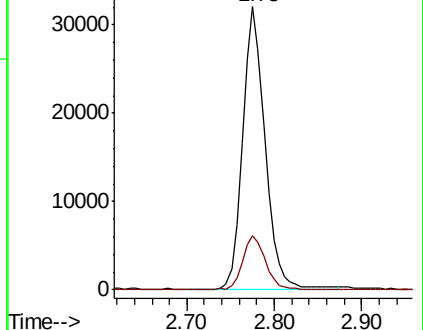
43 100

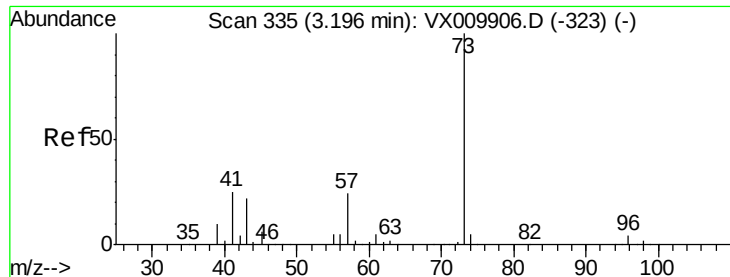
74 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

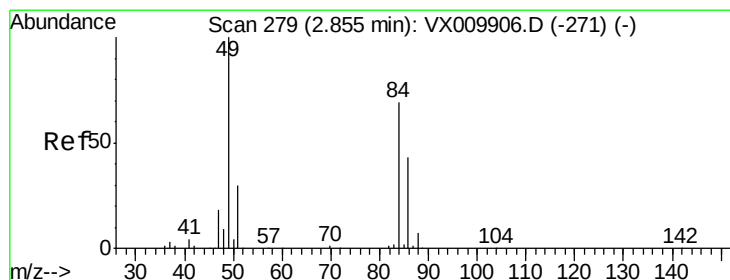
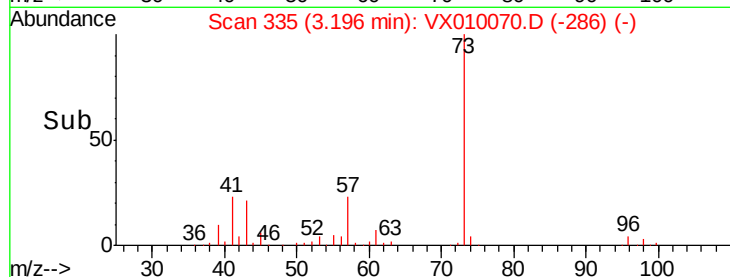
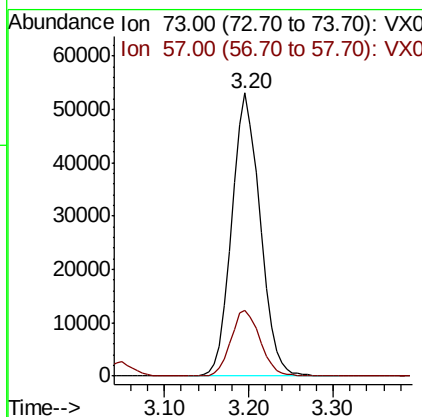
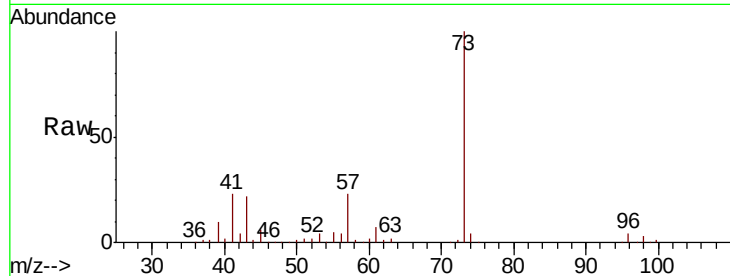




#19
Methvl tert-butvl Ether
Concen: 19.419 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

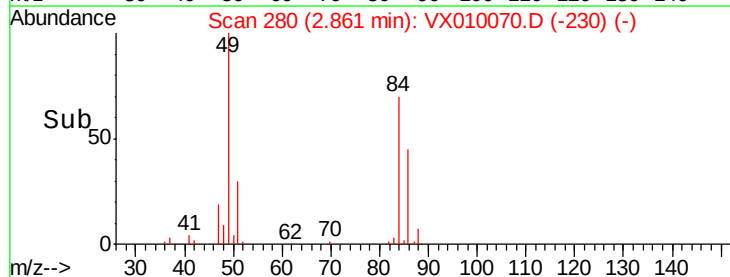
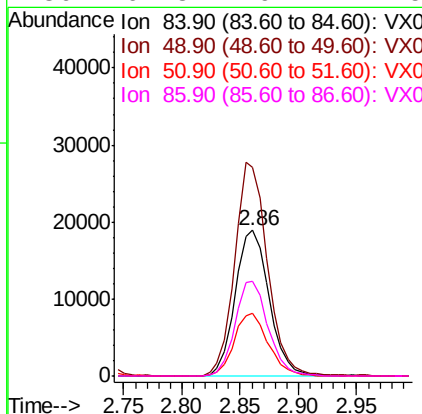
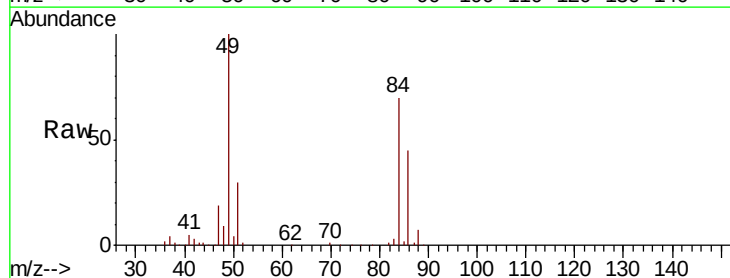
Instrument :
MSVOA_X
ClientSampleId :

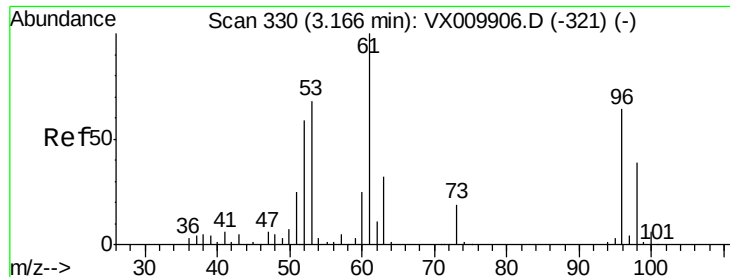
Tot Ion: 73 Resp: 121078
Ion Ratio Lower Upper
73 100
57 23.3 19.4 29.2



#20
Methylene Chloride
Concen: 18.906 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 84 Resp: 38533
Ion Ratio Lower Upper
84 100
49 143.8 115.8 173.6
51 43.5 34.4 51.6
86 64.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.879 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

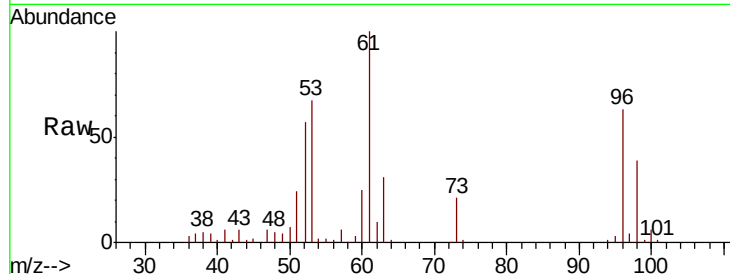
Tot Ion: 96 Resp: 34691

Ion Ratio Lower Upper

96 100

61 159.7 125.7 188.5

98 62.8 49.0 73.6

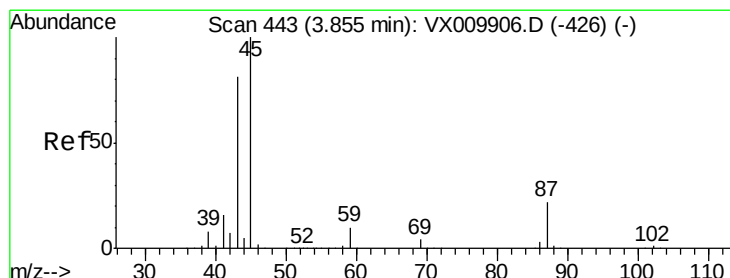
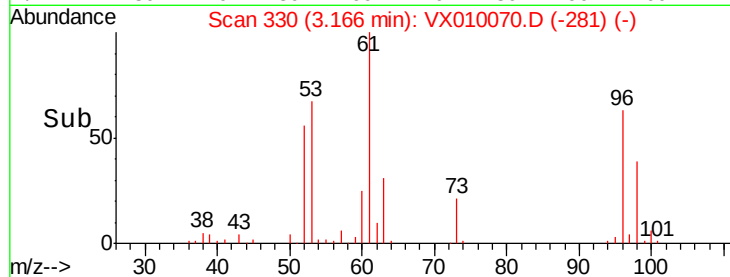
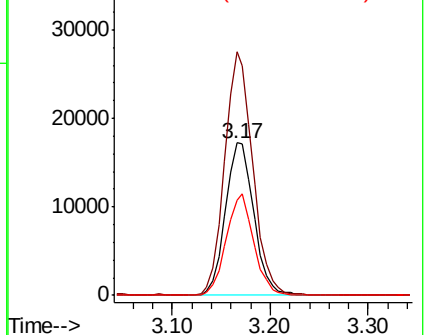


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.169 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Tgt Ion: 45 Resp: 146395

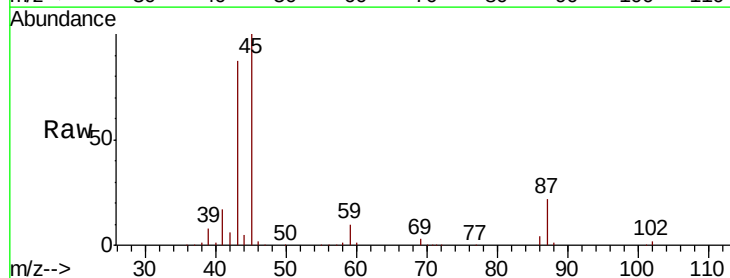
Ion Ratio Lower Upper

45 100

43 86.5 65.0 97.4

87 22.0 17.3 25.9

59 10.1 8.1 12.1



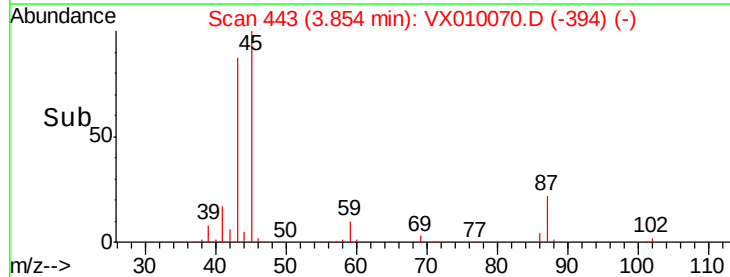
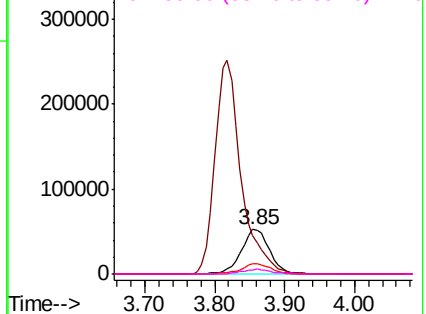
Abundance

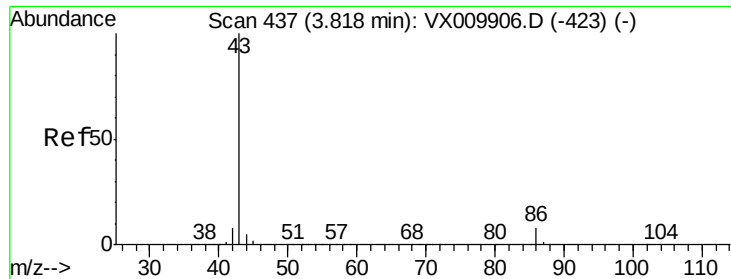
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.550 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

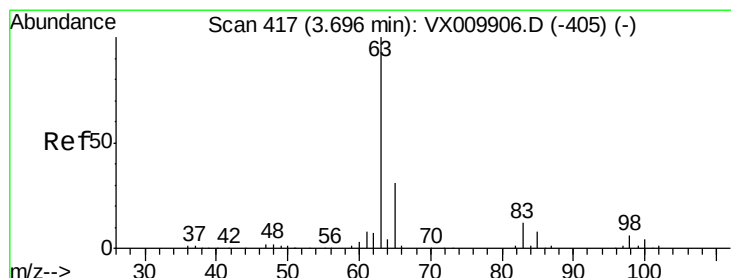
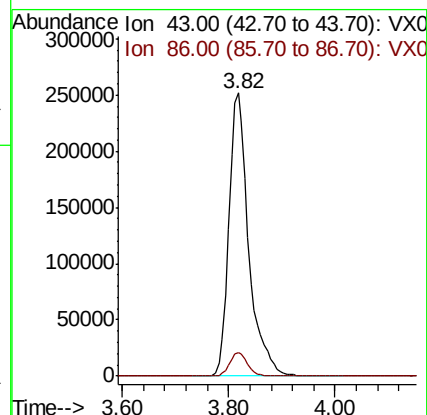
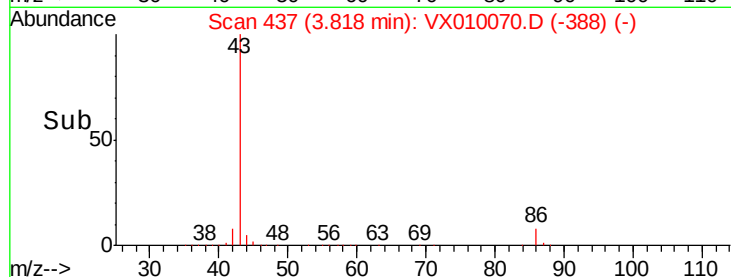
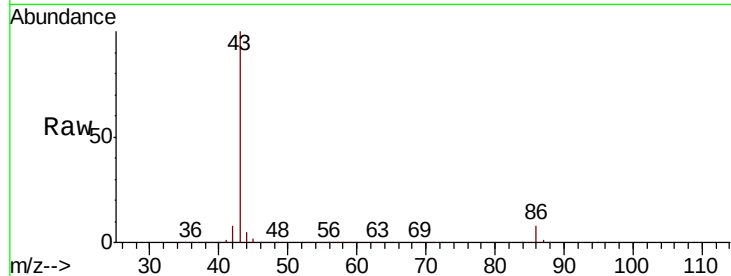
ClientSampled :

Tot Ion: 43 Resp: 655551

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 19.292 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

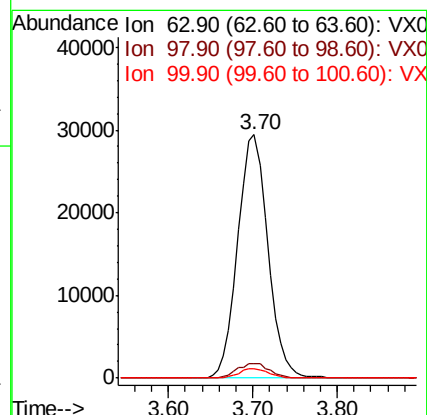
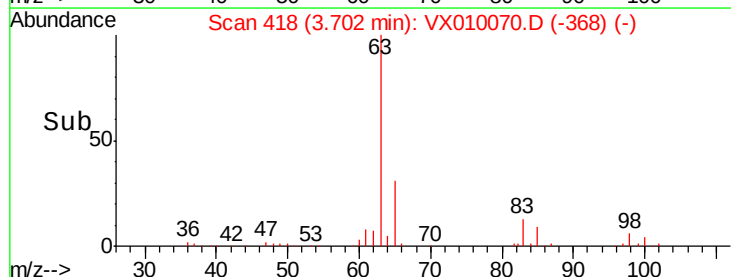
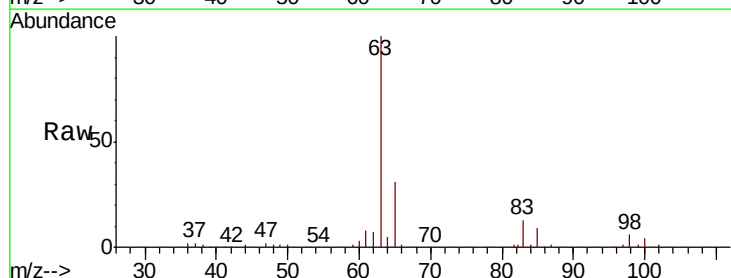
Tgt Ion: 63 Resp: 71401

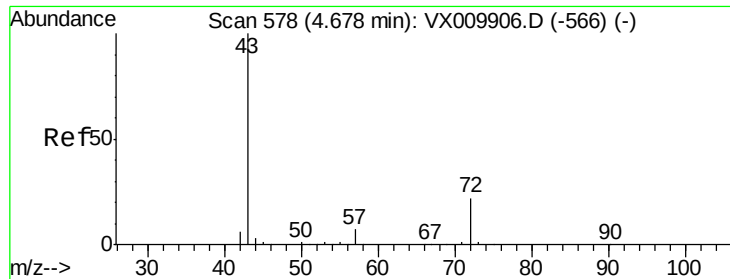
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.7 1.8 5.4





#25

2-Butanone

Concen: 93.087 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

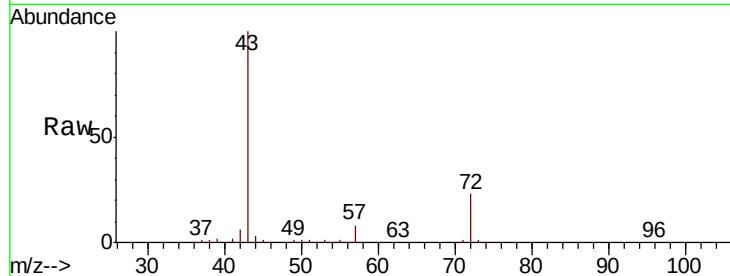
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 193018

Ion Ratio Lower Upper

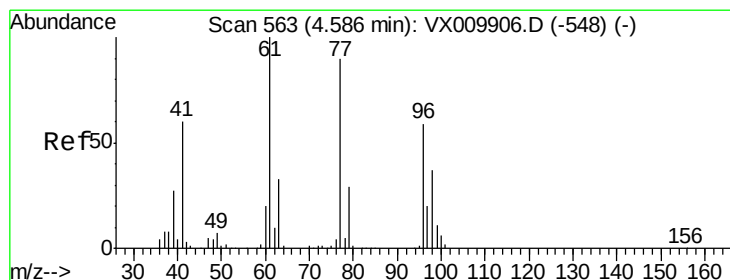
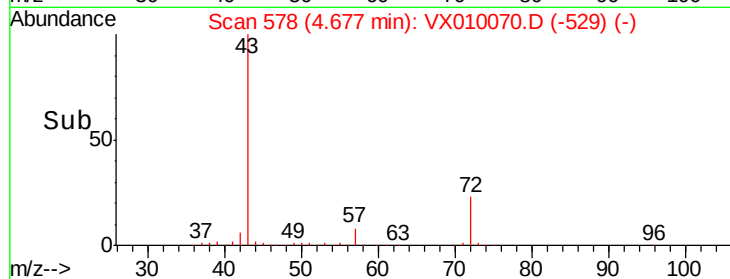
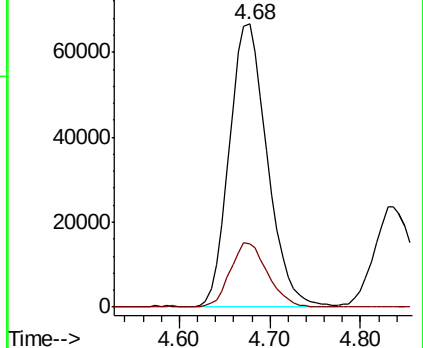
43 100

72 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.992 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX010070.D

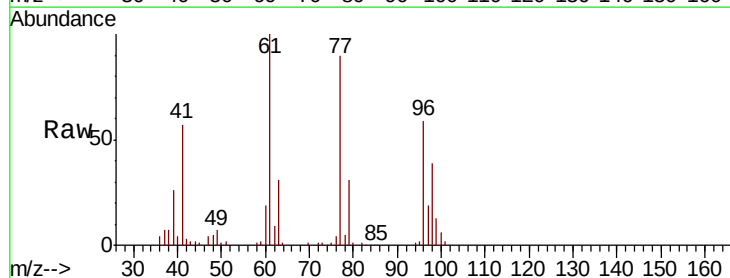
Acq: 05 Jun 2019 12:34

Tgt Ion: 77 Resp: 53173

Ion Ratio Lower Upper

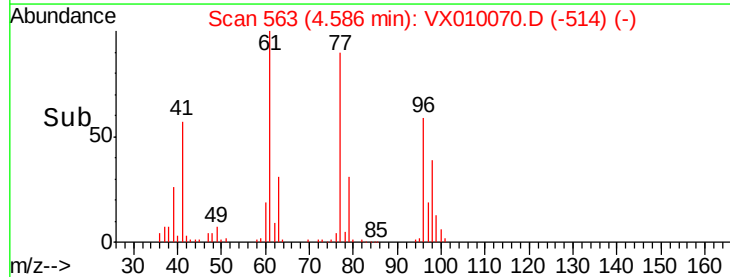
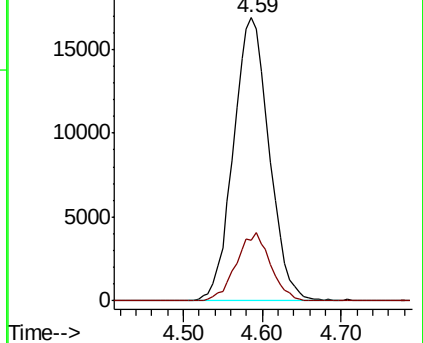
77 100

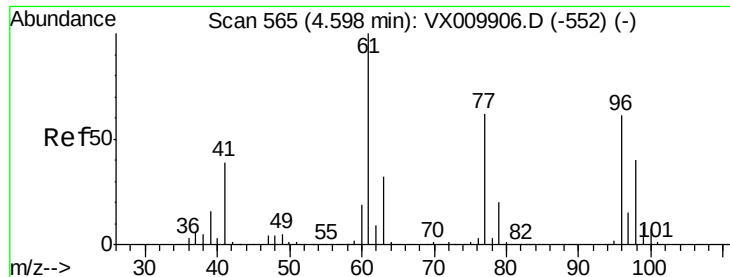
97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



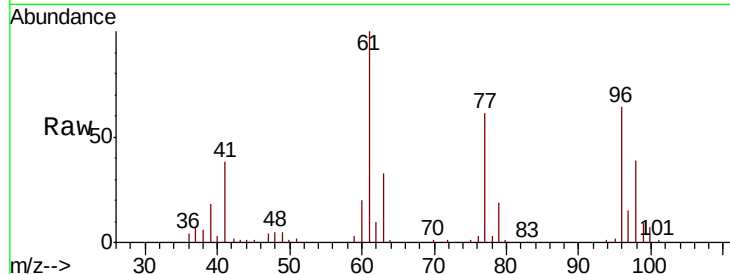


#27

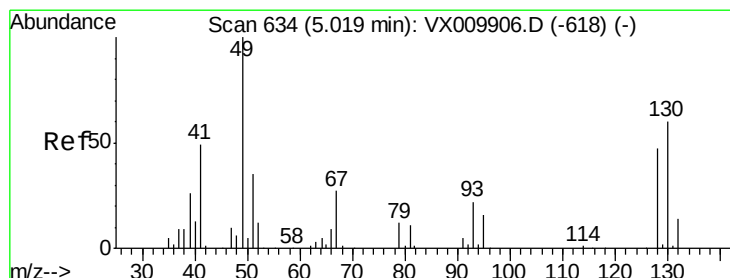
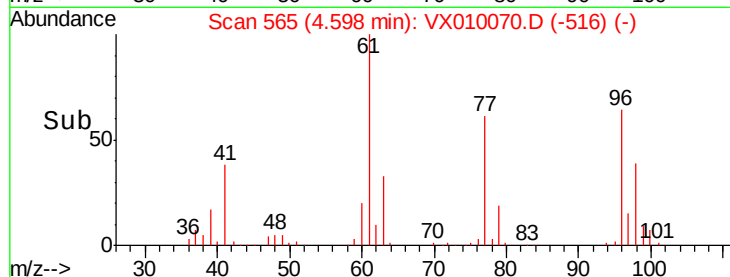
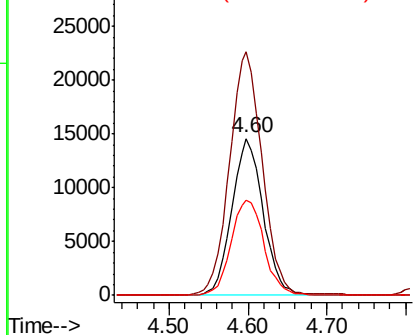
cis-1,2-Dichloroethene
 Concen: 18.935 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 40164
 Ion Ratio Lower Upper
 96 100
 61 162.2 0.0 334.0
 98 63.9 0.0 131.6



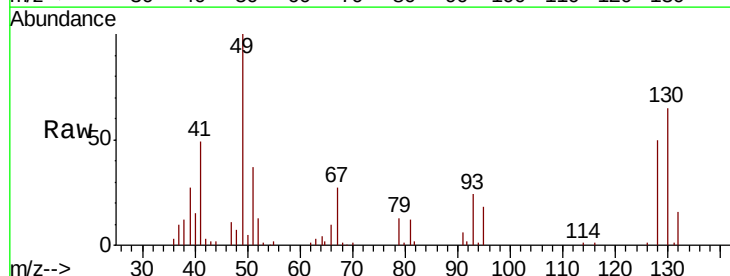
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



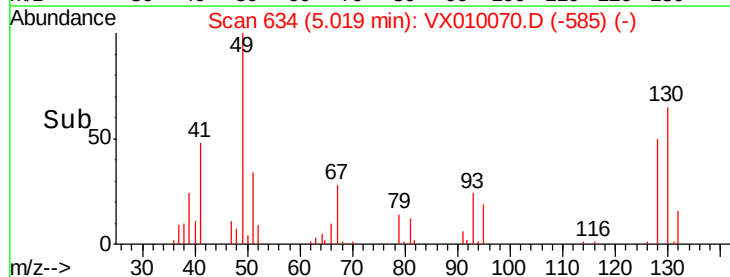
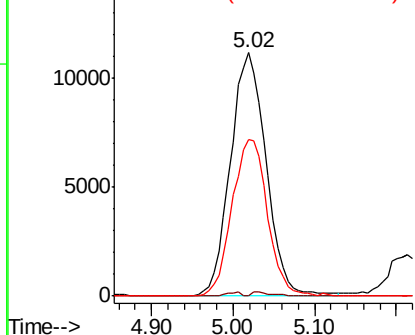
#28

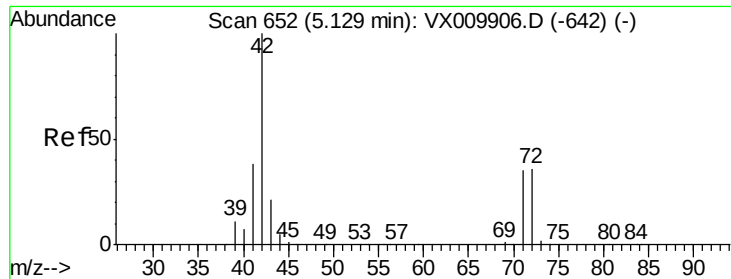
Bromochloromethane
 Concen: 17.650 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 49 Resp: 33899
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.4
 130 63.5 49.4 74.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

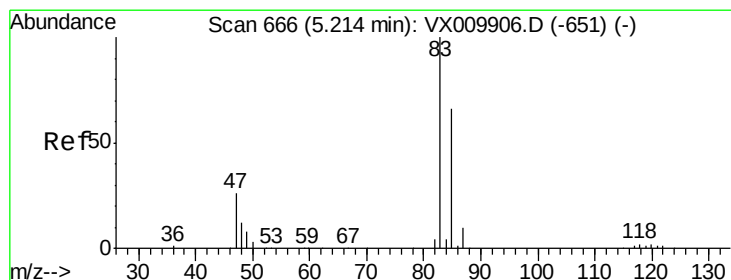
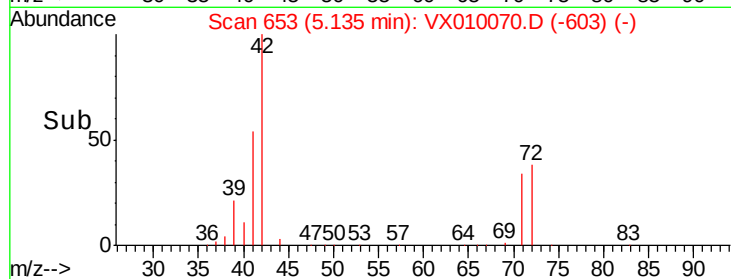
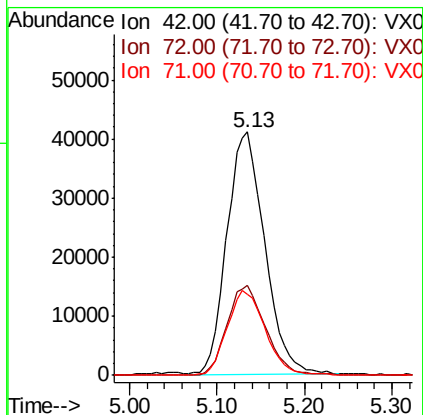
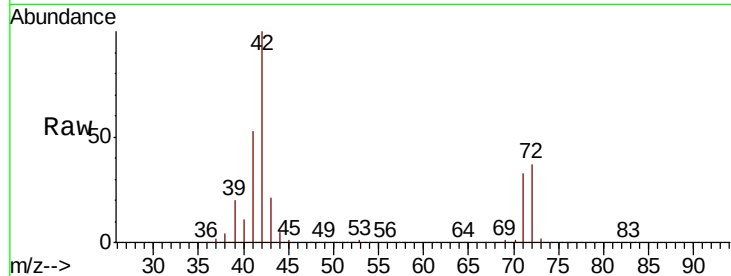




#29
Tetrahydrofuran
Concen: 92.482 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

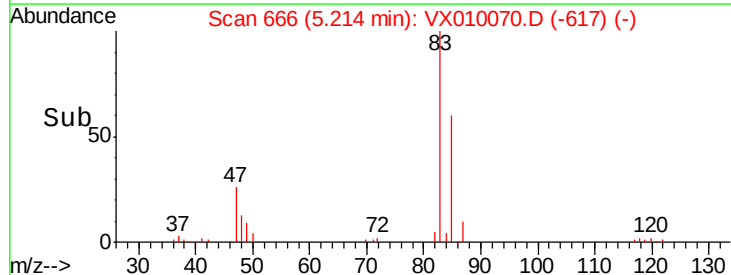
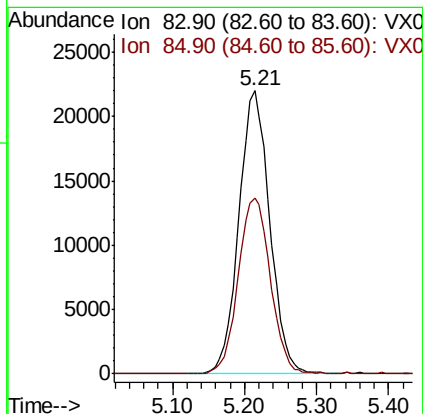
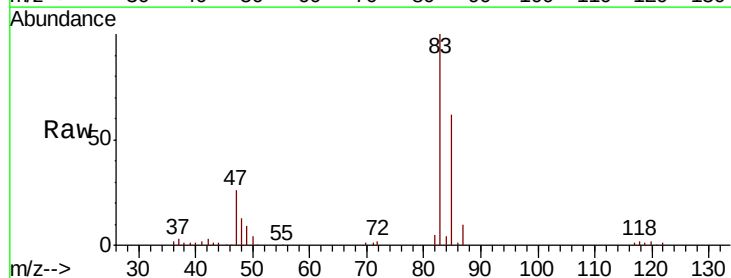
Instrument :
MSVOA_X
ClientSampled :

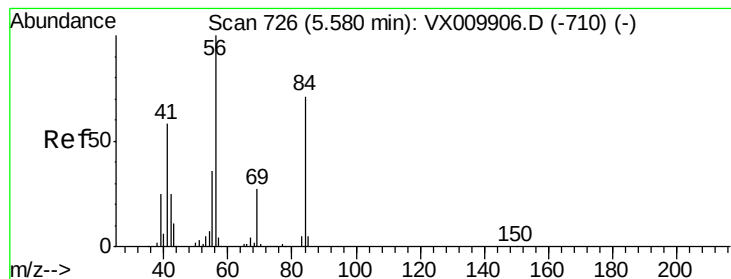
Tot Ion: 42 Resp: 122971
Ion Ratio Lower Upper
42 100
72 38.2 29.2 43.8
71 35.6 27.6 41.4



#30
Chloroform
Concen: 19.638 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 83 Resp: 65549
Ion Ratio Lower Upper
83 100
85 62.0 52.6 78.8





#31

Cyclohexane

Concen: 20.228 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

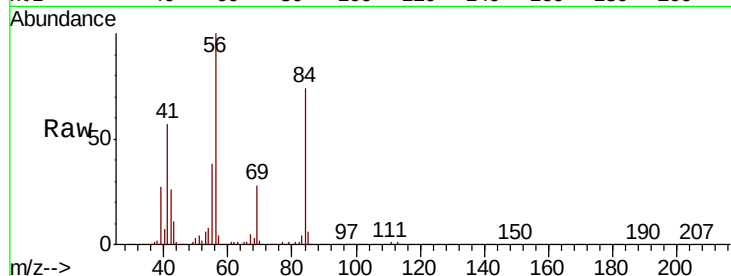
Tot Ion: 56 Resp: 70907

Ion Ratio Lower Upper

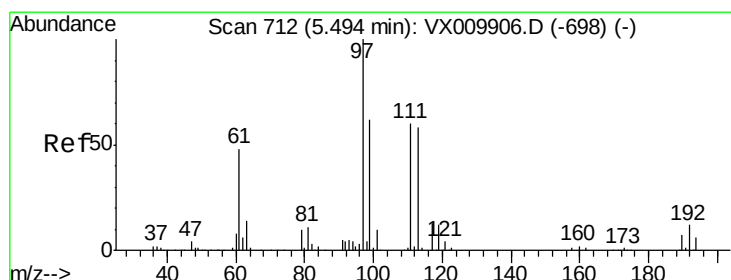
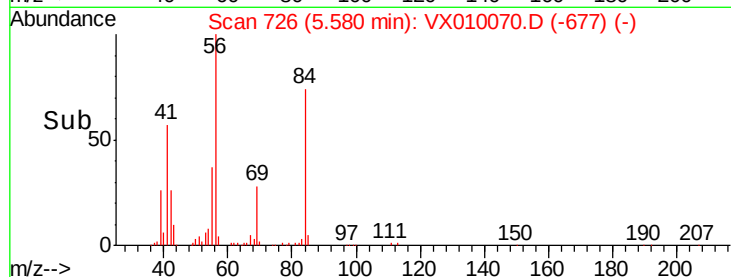
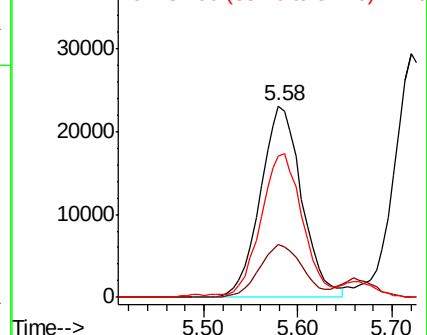
56 100

69 27.5 21.6 32.4

84 72.1 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.139 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

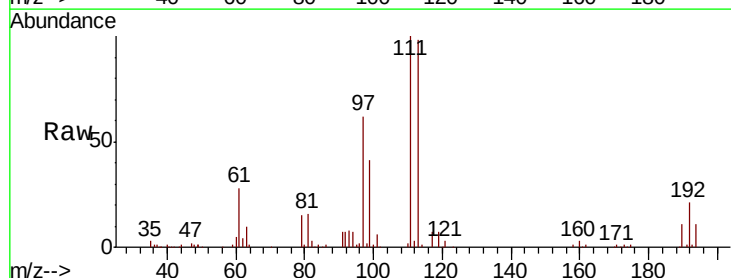
Tgt Ion: 97 Resp: 54745

Ion Ratio Lower Upper

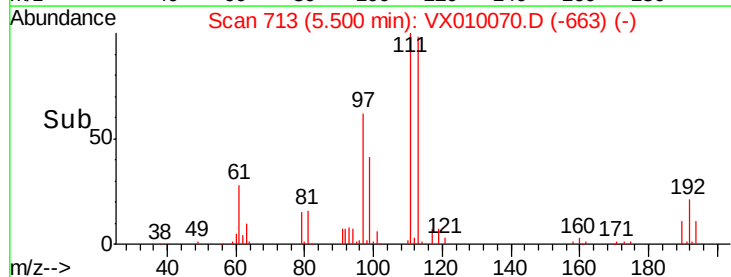
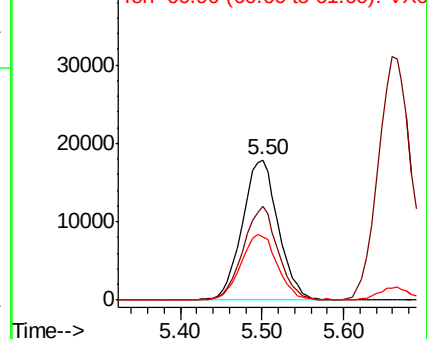
97 100

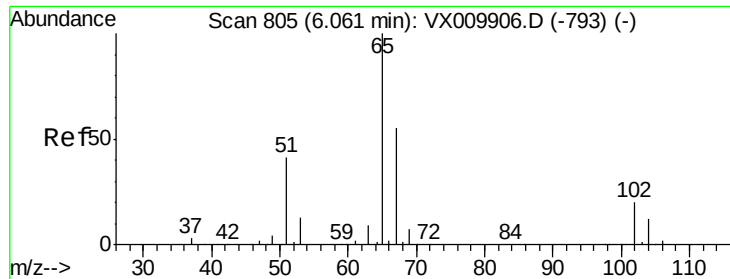
99 64.6 51.0 76.4

61 47.7 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

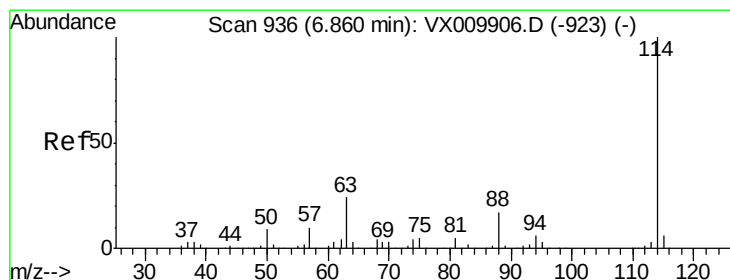
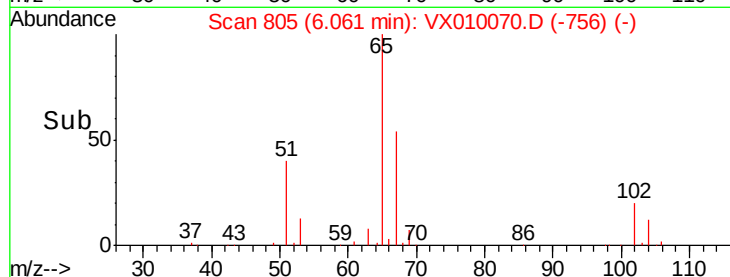
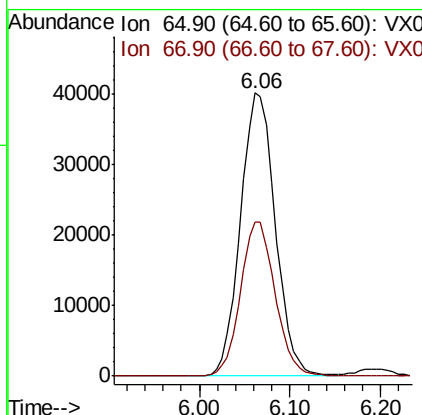
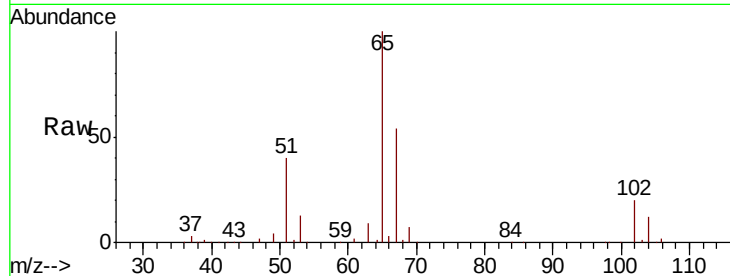




#33
 1,2-Dichloroethane-d4
 Concen: 46.376 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

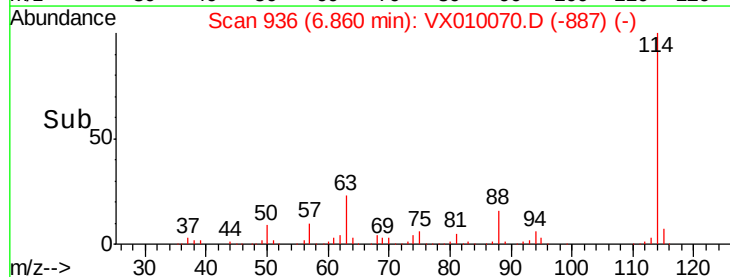
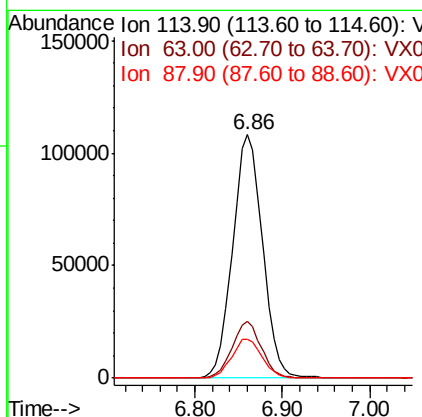
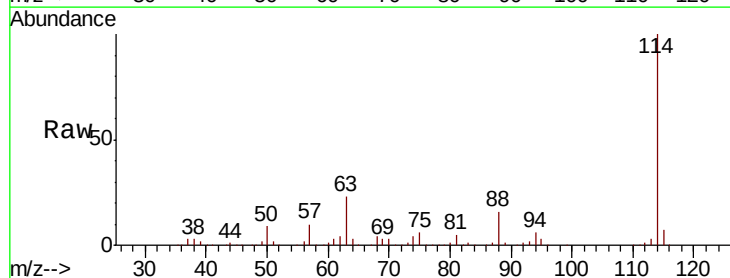
Instrument :
 MSVOA_X
 ClientSampleId :

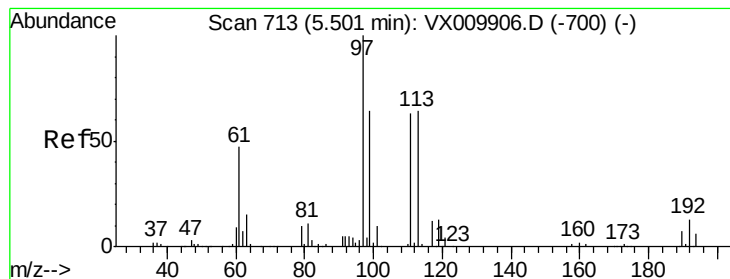
Tot Ion: 65 Resp: 106827
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 114 Resp: 257162
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.4
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.749 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :
MSVOA_X
ClientSampled :

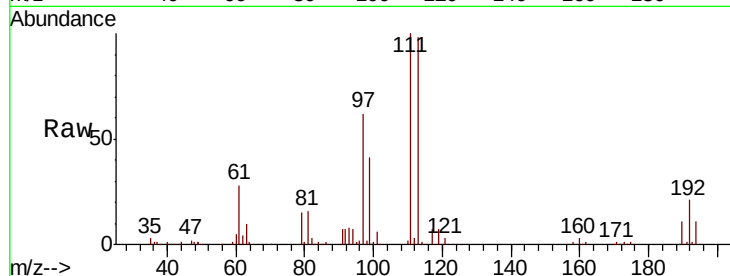
Tot Ion:113 Resp: 78816

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	22.4	17.1	25.7

113 100

111 103.4 82.2 123.2

192 22.4 17.1 25.7

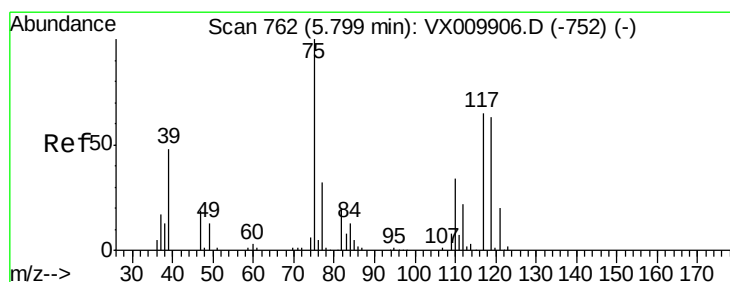
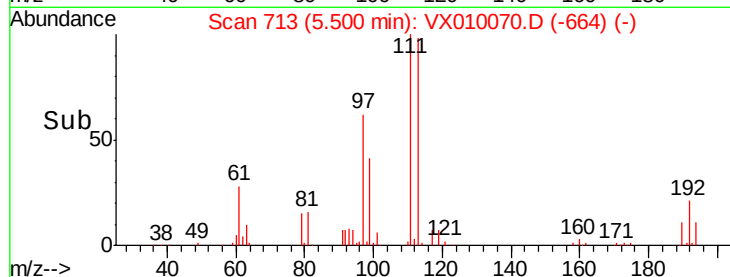
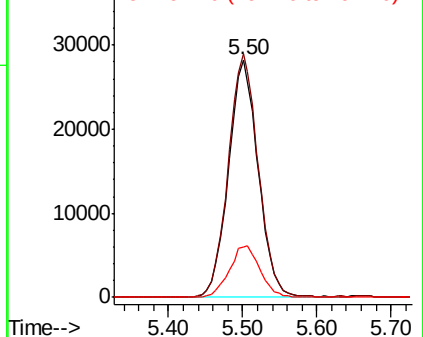


Abundance

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: 19.222 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

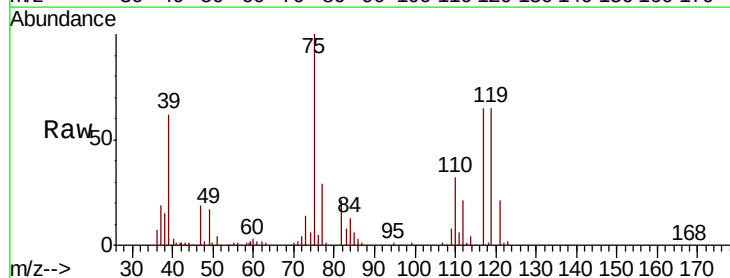
Tgt Ion: 75 Resp: 50153

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.7	50.1
77	31.6	25.0	37.4

75 100

110 33.7 16.7 50.1

77 31.6 25.0 37.4

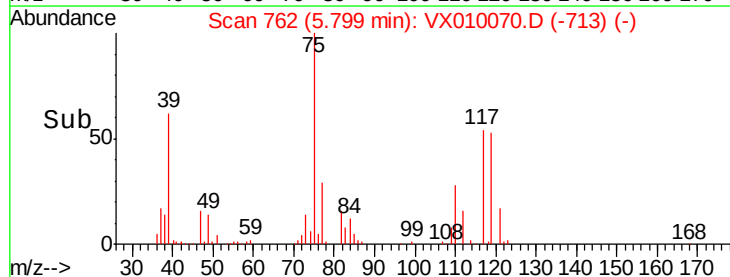
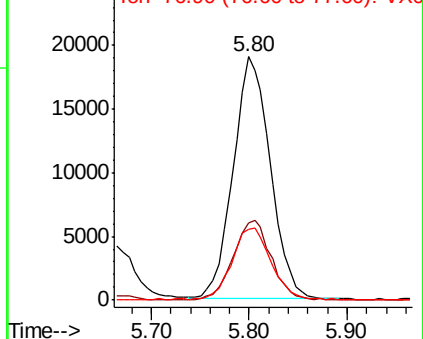


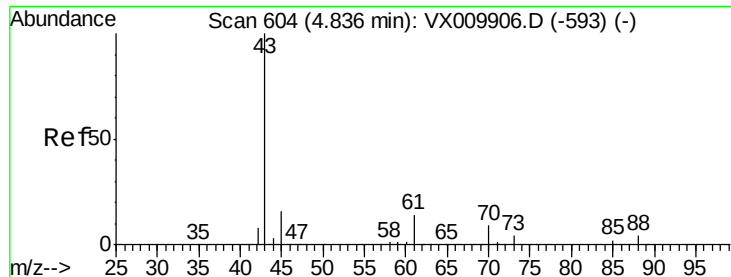
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

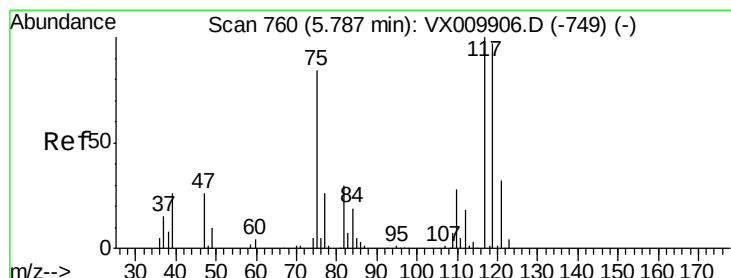
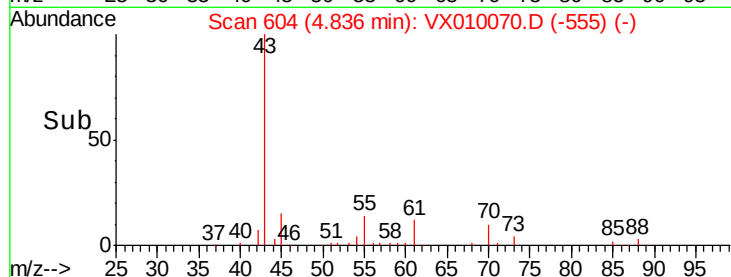
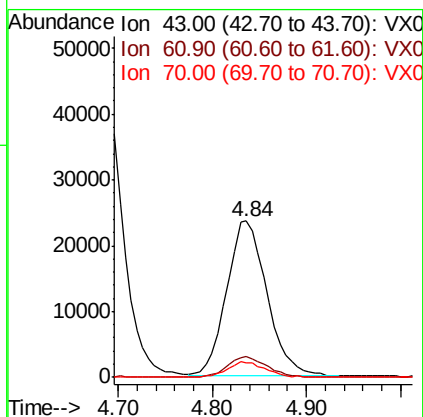
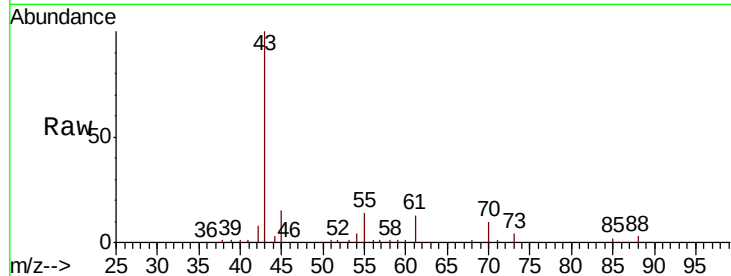




#37
Ethyl Acetate
Concen: 19.173 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

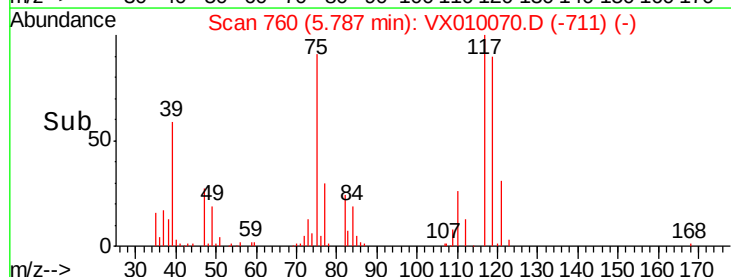
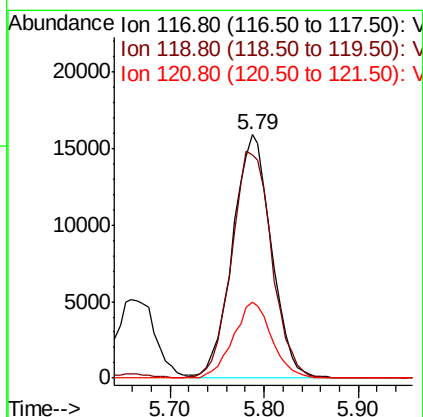
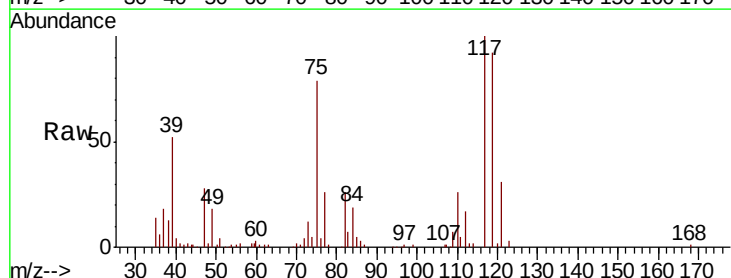
Instrument :
MSVOA_X
ClientSampled :

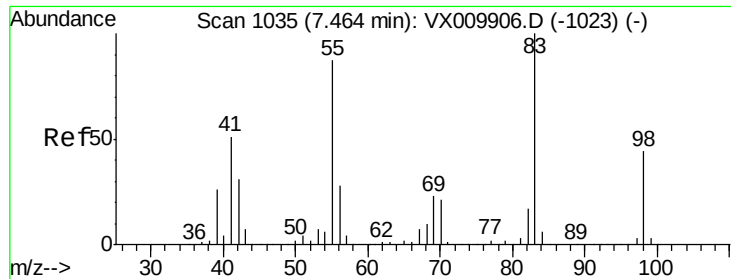
Tot Ion: 43 Resp: 69705
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 9.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 20.304 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 117 Resp: 45779
Ion Ratio Lower Upper
117 100
119 91.8 77.3 115.9
121 31.3 25.4 38.0

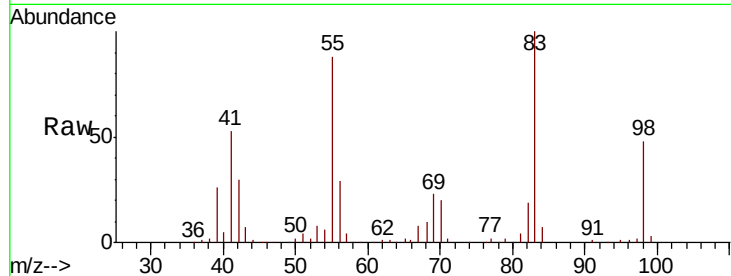




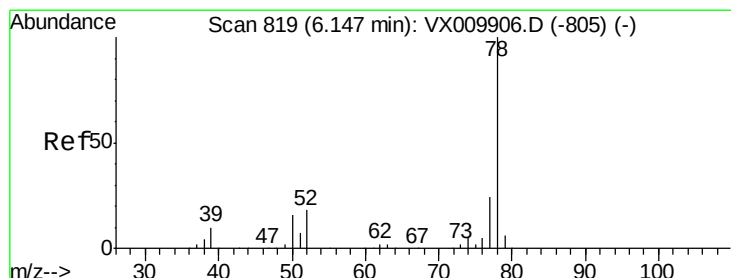
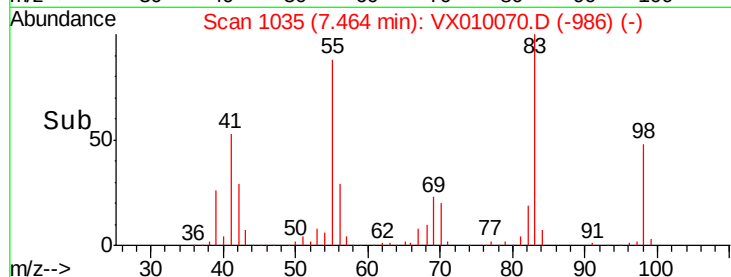
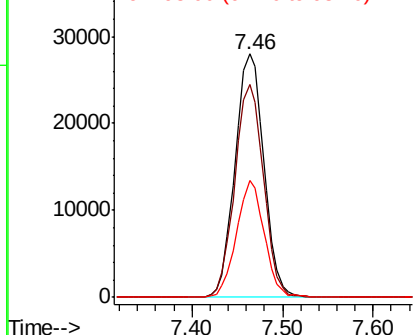
#39
Methylvlcyclohexane
Concen: 20.004 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 61912
Ion Ratio Lower Upper
83 100
55 87.6 69.9 104.9
98 48.0 35.1 52.7

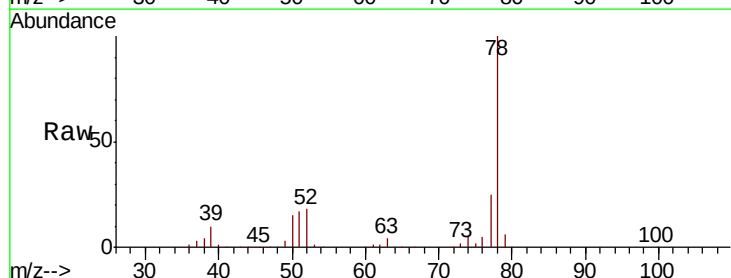


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

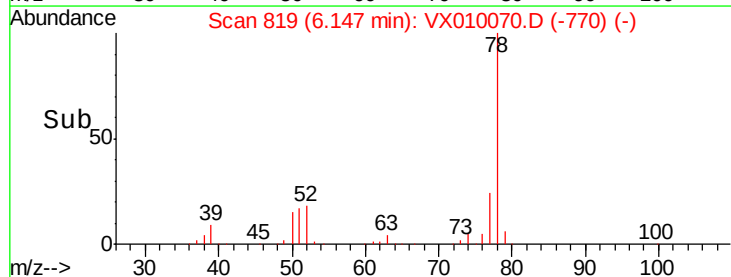
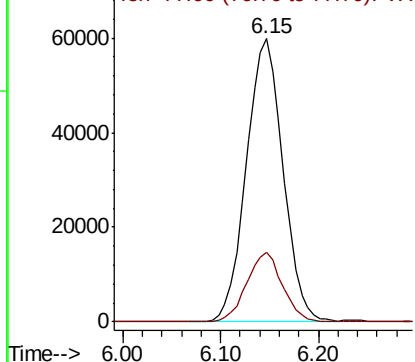


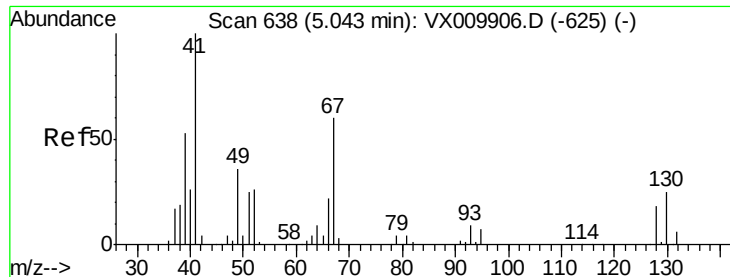
#40
Benzene
Concen: 20.126 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 78 Resp: 155777
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

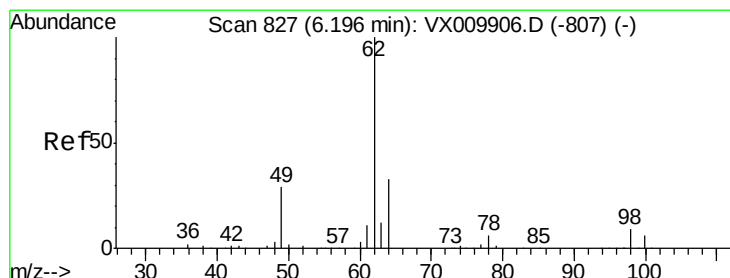
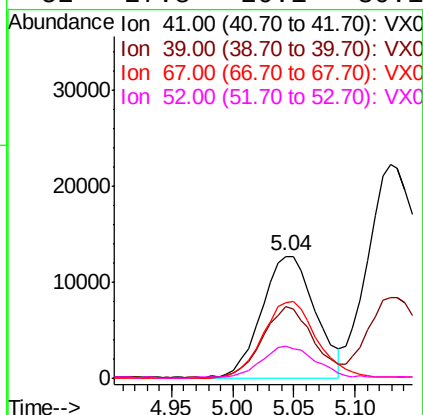
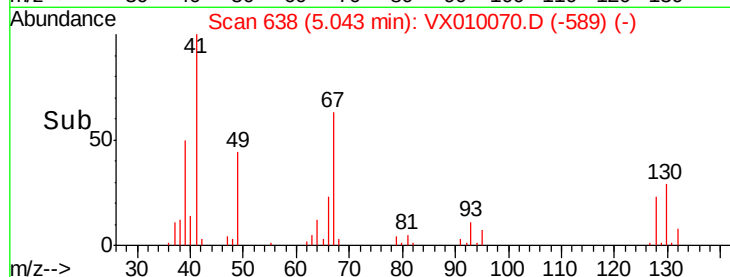
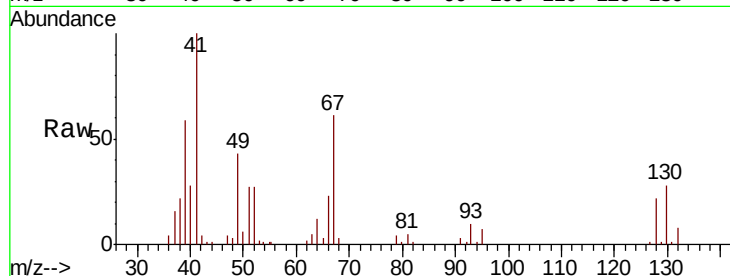




#41
Methacrylonitrile
Concen: 18.202 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

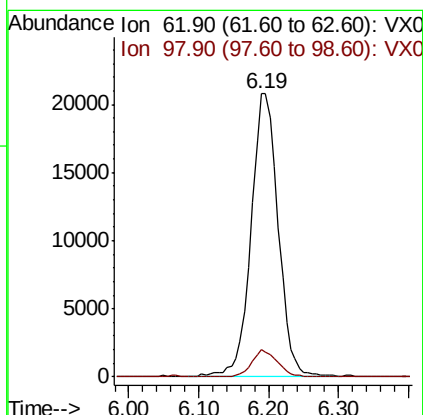
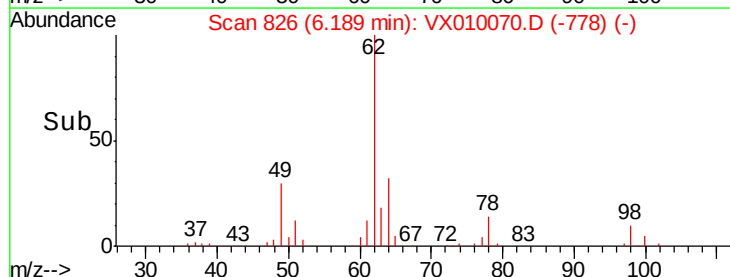
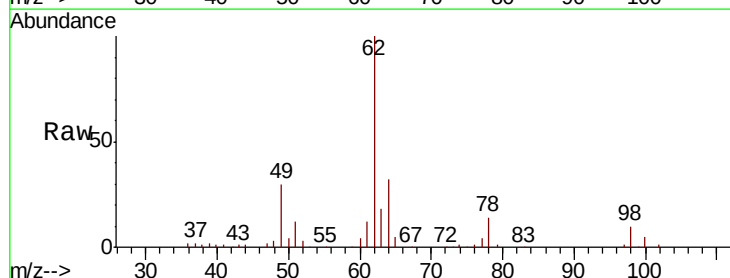
Instrument :
MSVOA_X
ClientSampled :

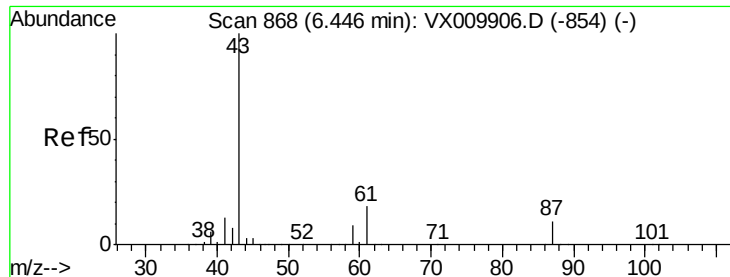
Tot Ion:	41	Resp:	38668
Ion	Ratio	Lower	Upper
41	100		
39	56.3	42.2	63.4
67	64.2	48.9	73.3
52	27.8	20.1	30.1



#42
1,2-Dichloroethane
Concen: 19.640 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion:	62	Resp:	56200
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 19.127 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

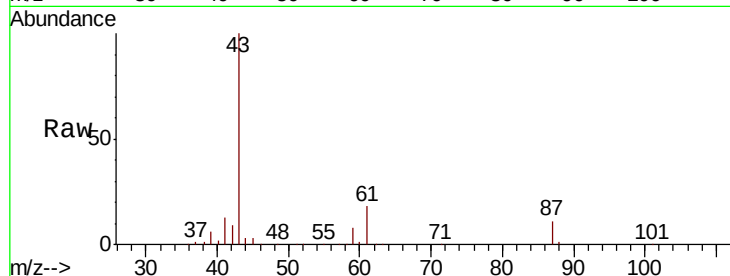
Tot Ion: 43 Resp: 112201

Ion Ratio Lower Upper

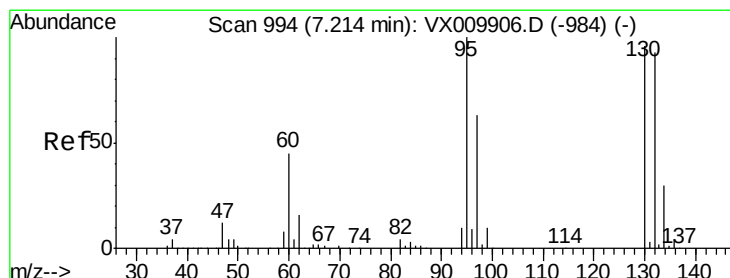
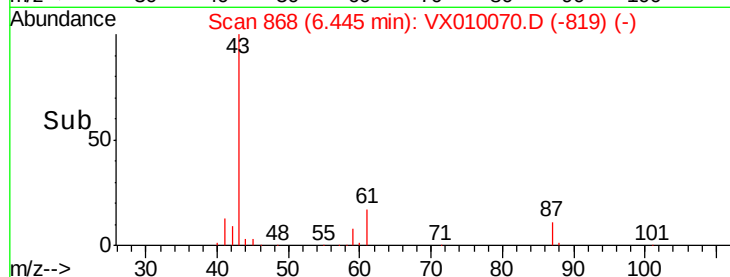
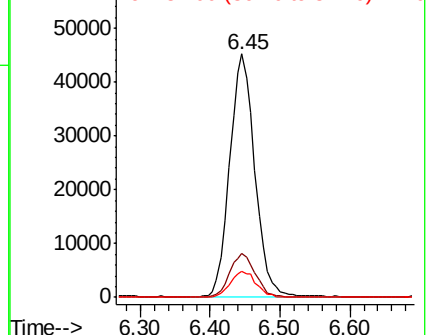
43 100

61 18.5 14.6 21.8

87 11.0 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.818 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010070.D

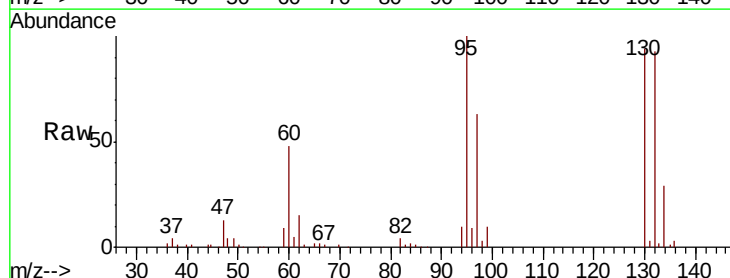
Acq: 05 Jun 2019 12:34

Tgt Ion:130 Resp: 37260

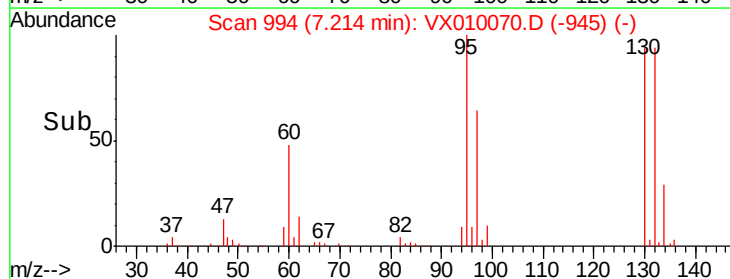
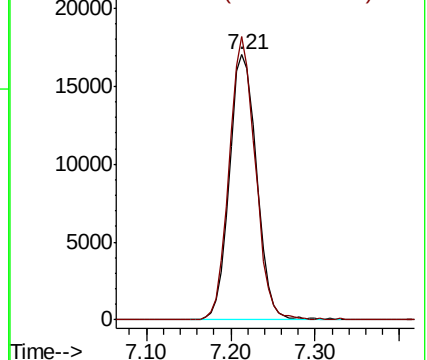
Ion Ratio Lower Upper

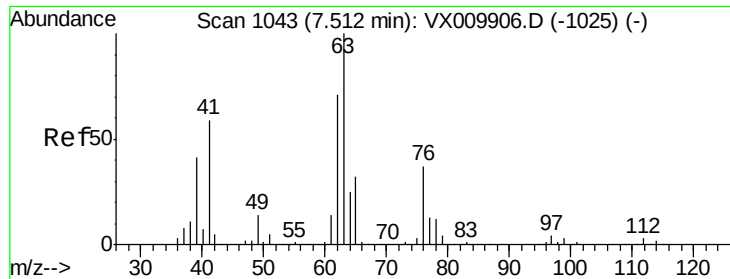
130 100

95 106.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

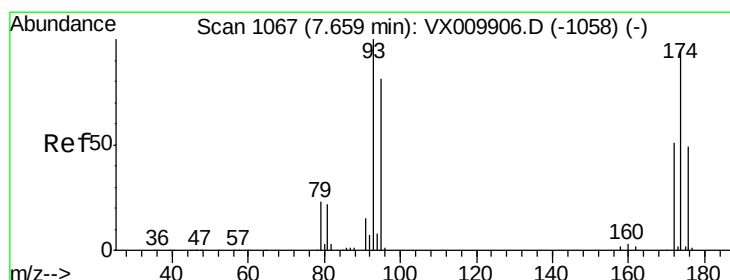
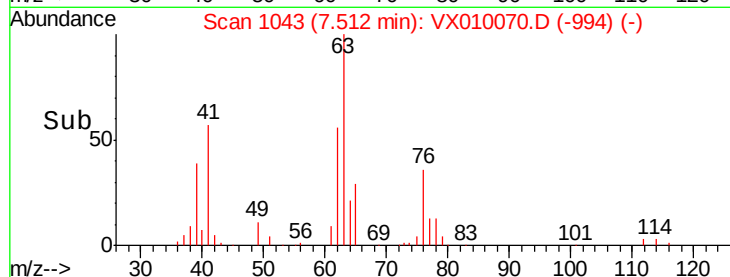
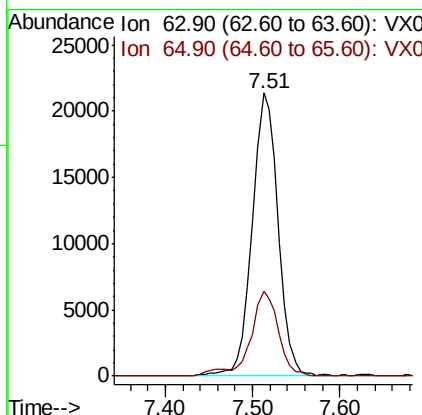
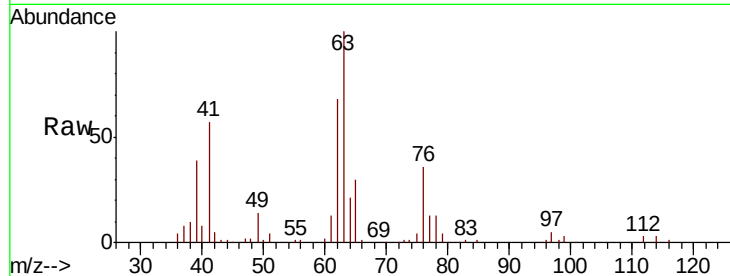




#45
 1,2-Dichloropropane
 Concen: 19.689 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

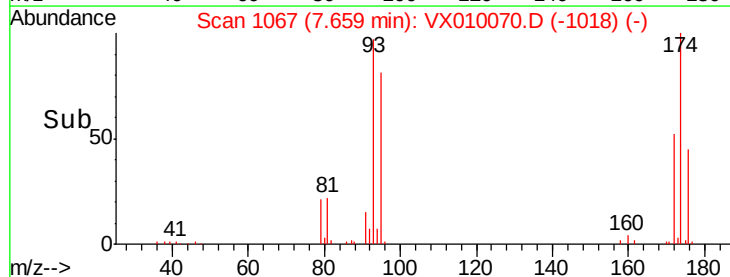
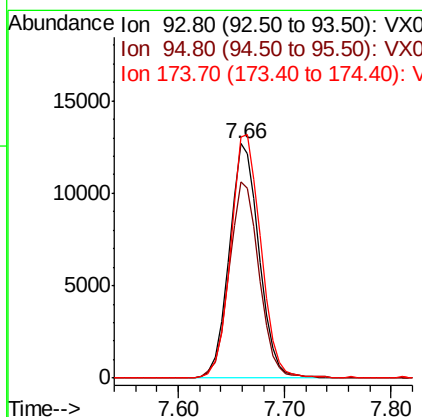
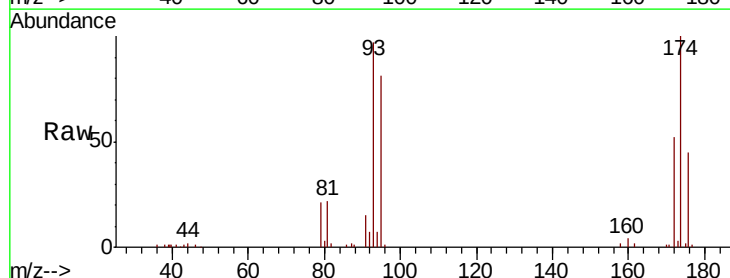
Instrument :
 MSVOA_X
 ClientSampled :

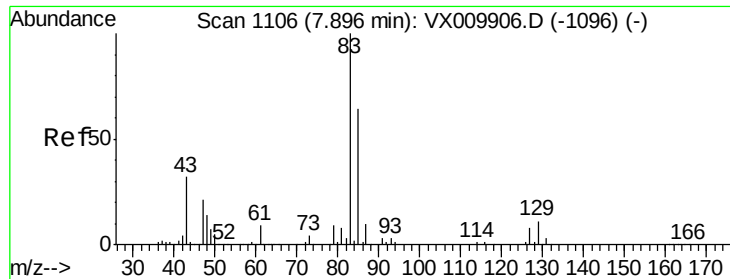
Tot Ion: 63 Resp: 43868
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.7 38.5



#46
 Dibromomethane
 Concen: 18.979 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 93 Resp: 24892
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.8 100.2
 174 105.4 81.9 122.9

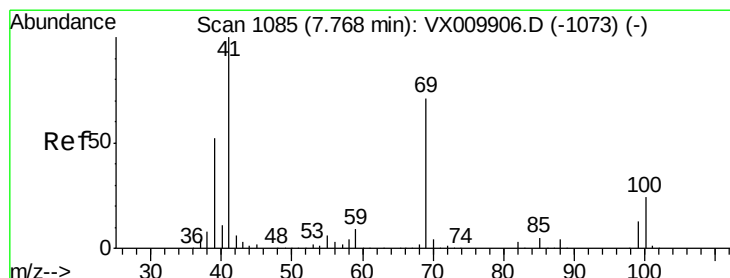
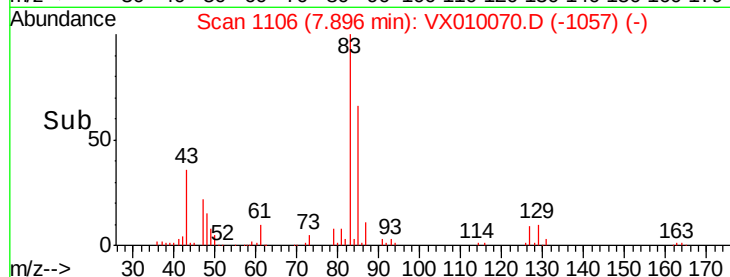
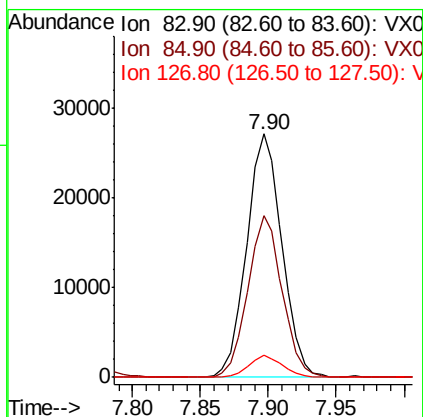
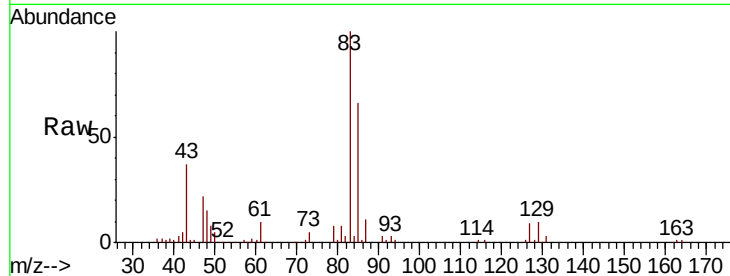




#47
Bromodichloromethane
Concen: 19.773 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

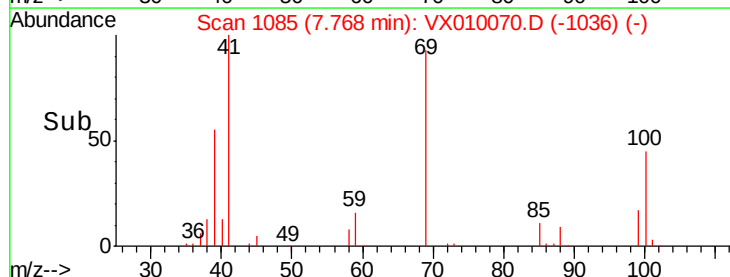
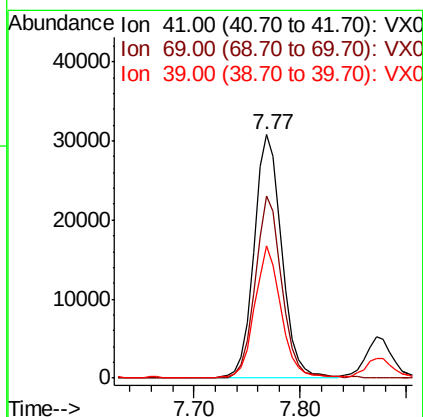
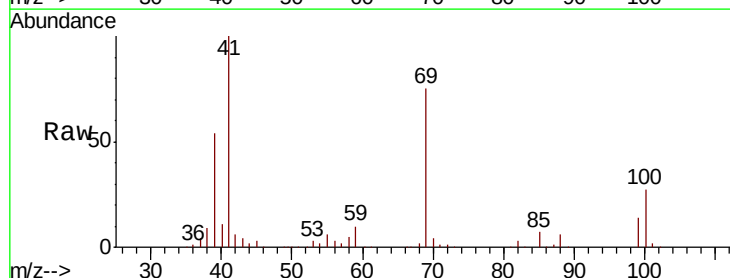
Instrument :
MSVOA_X
ClientSampleId :

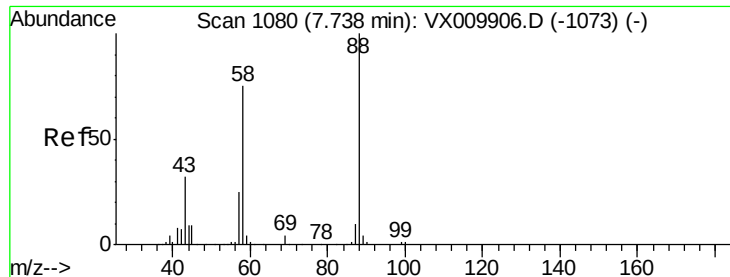
Tot Ion: 83 Resp: 49314
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.2
127 9.3 6.4 9.6



#48
Methyl methacrylate
Concen: 19.247 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 41 Resp: 55893
Ion Ratio Lower Upper
41 100
69 72.3 56.4 84.6
39 51.4 40.6 60.8



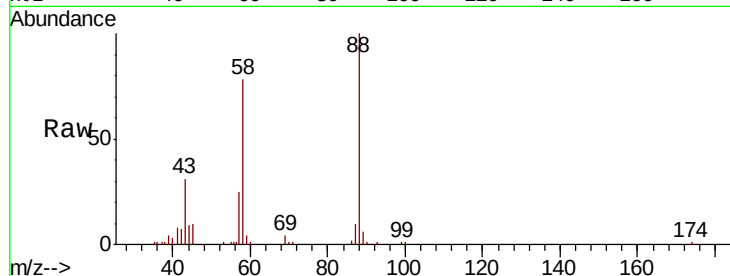


#49
 1,4-Dioxane
 Concen: 406.134 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

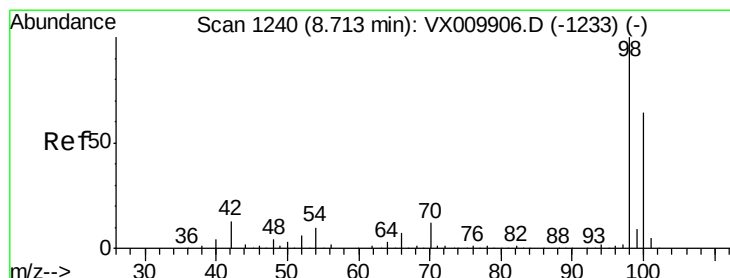
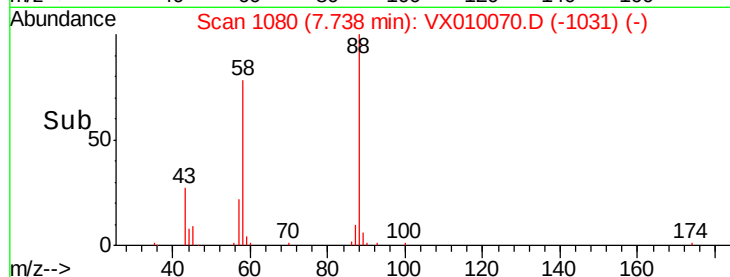
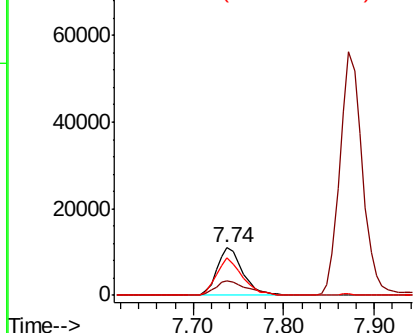
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 21938

Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.2	45.4
58	78.6	64.0	96.0



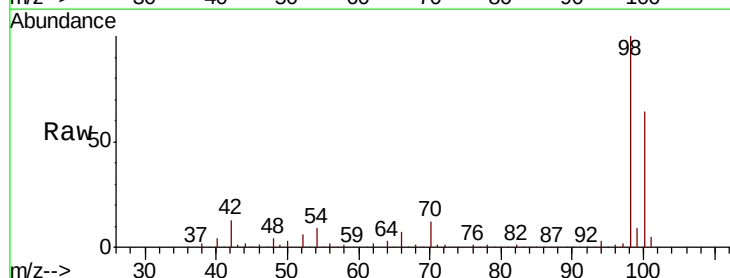
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



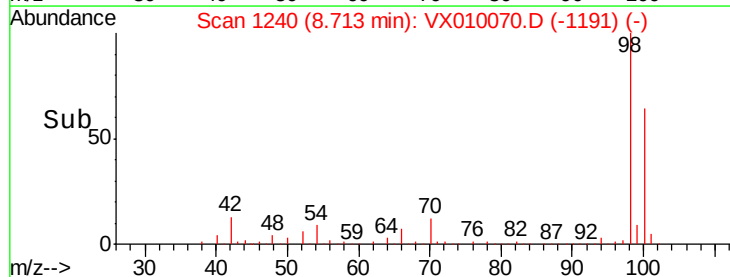
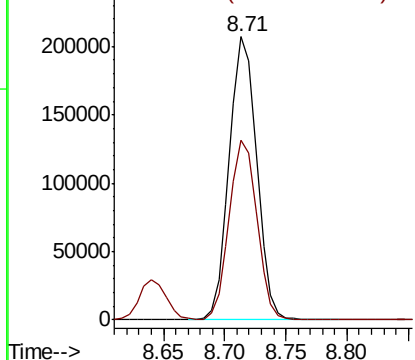
#50
 Toluene-d8
 Concen: 49.030 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

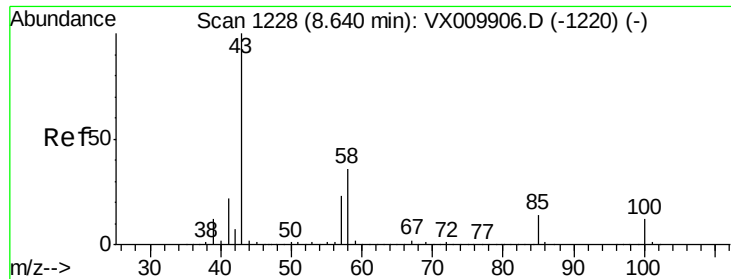
Tgt Ion: 98 Resp: 321904

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.855 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

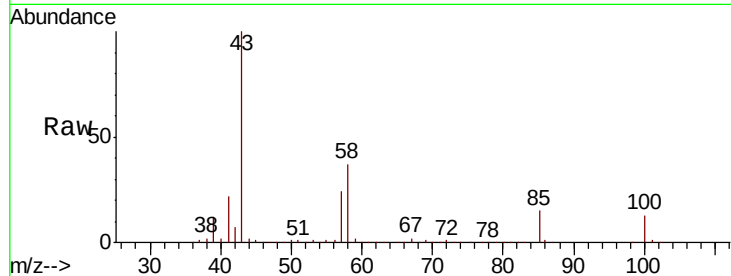
ClientSampled :

Tot Ion: 43 Resp: 369603

Ion Ratio Lower Upper

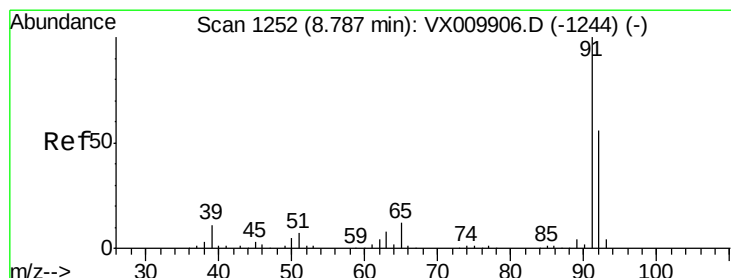
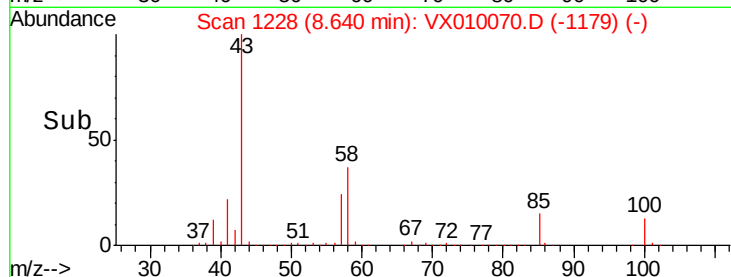
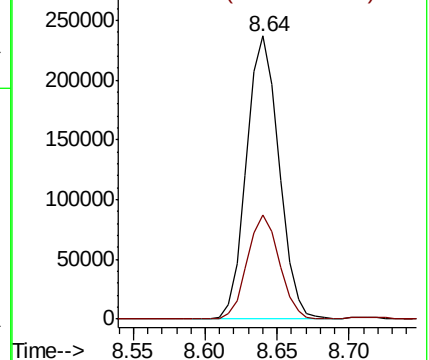
43 100

58 36.5 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.164 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010070.D

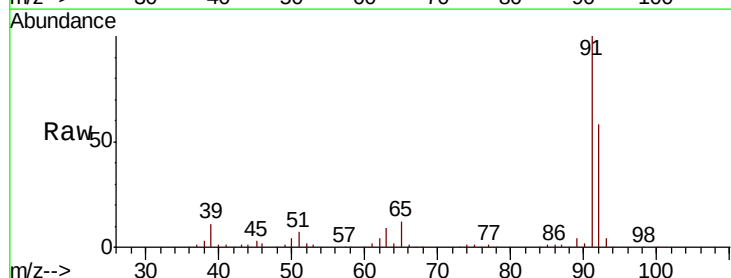
Acq: 05 Jun 2019 12:34

Tgt Ion: 92 Resp: 94763

Ion Ratio Lower Upper

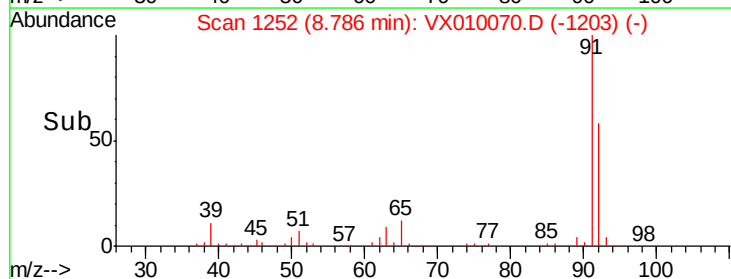
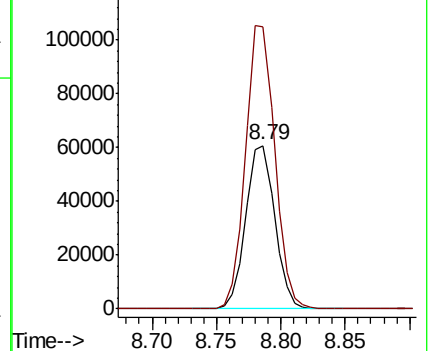
92 100

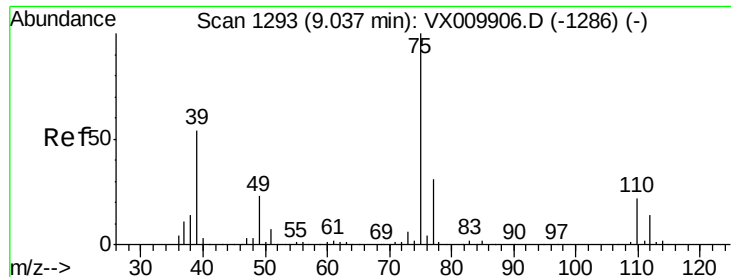
91 175.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

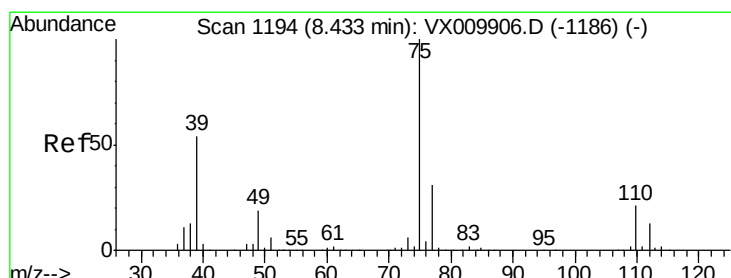
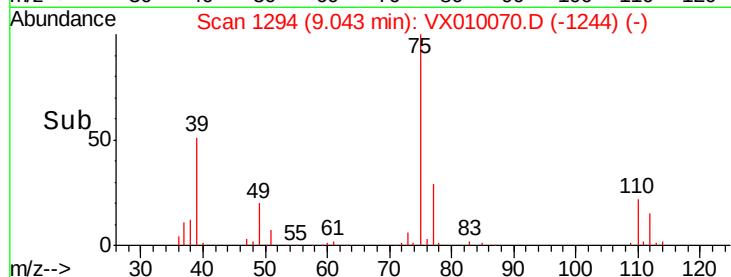
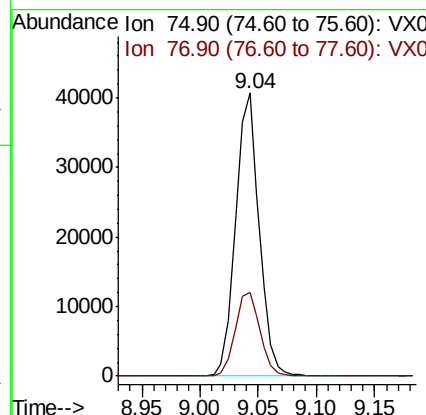
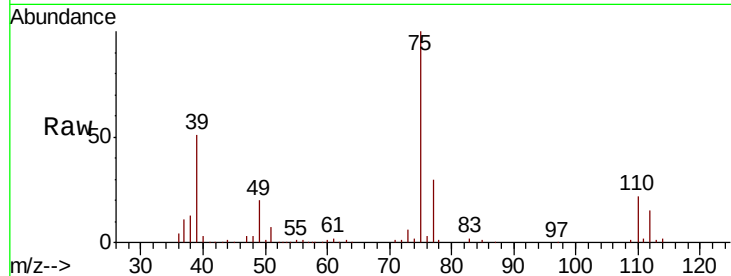




#53
 t-1,3-Dichloropropene
 Concen: 19.217 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

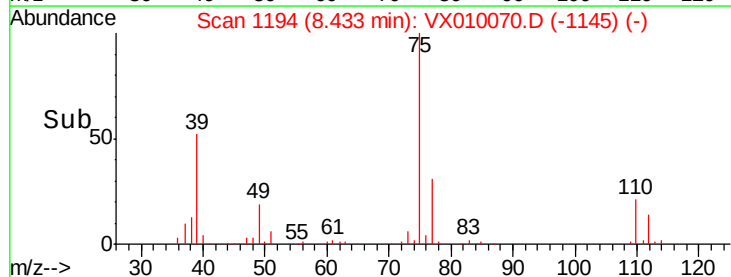
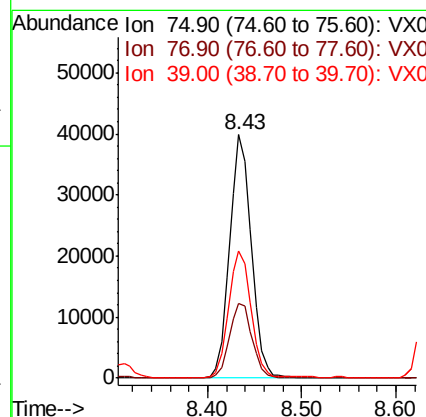
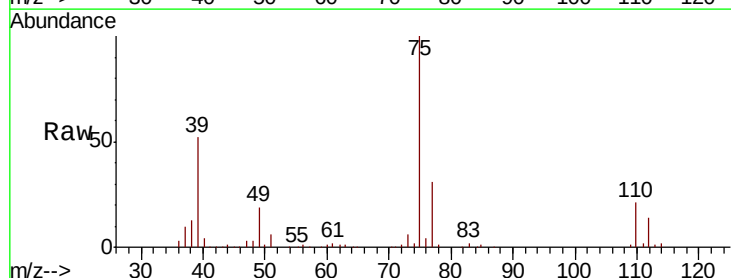
Instrument :
 MSVOA_X
 ClientSampleId :

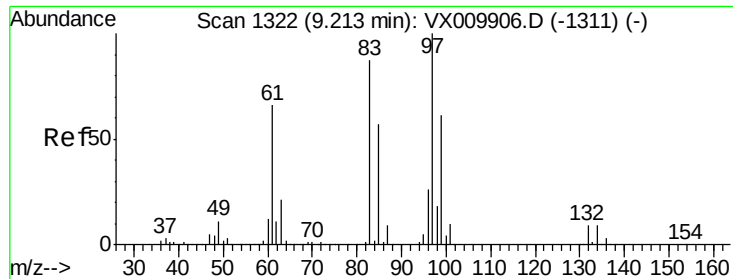
Tot Ion: 75 Resp: 57480
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.533 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 75 Resp: 63656
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 52.0 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 20.134 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 38083

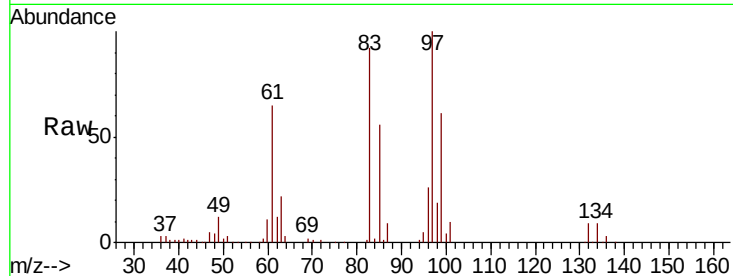
Ion Ratio Lower Upper

97 100

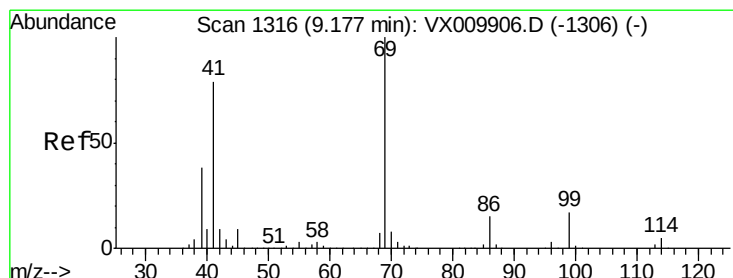
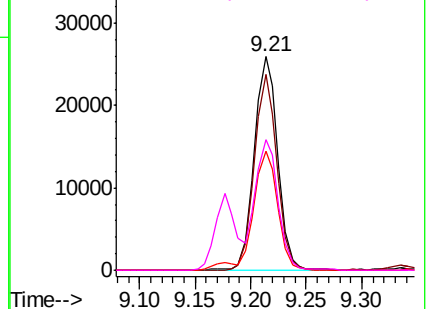
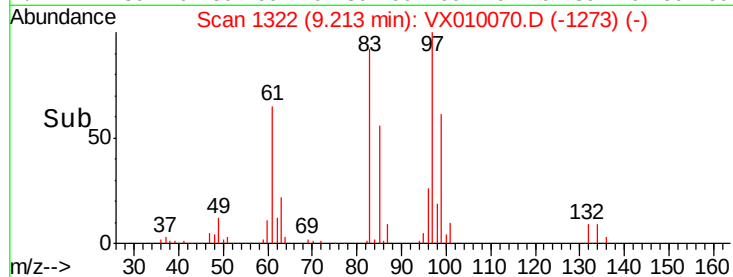
83 91.9 69.8 104.8

85 55.8 45.3 67.9

99 61.0 49.0 73.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.366 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

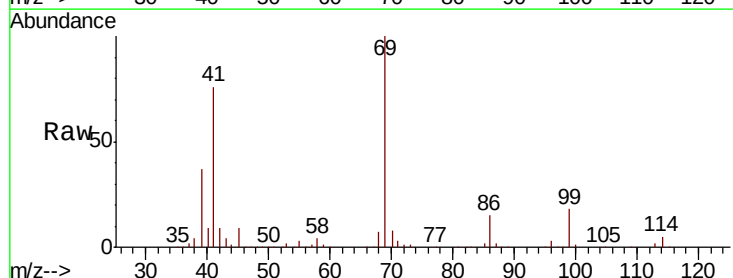
Tgt Ion: 69 Resp: 68581

Ion Ratio Lower Upper

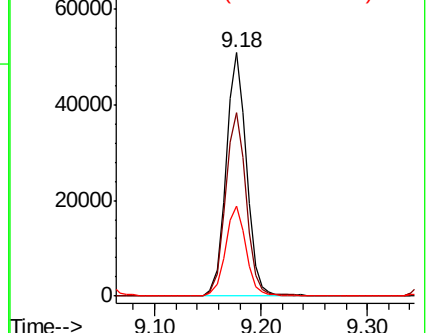
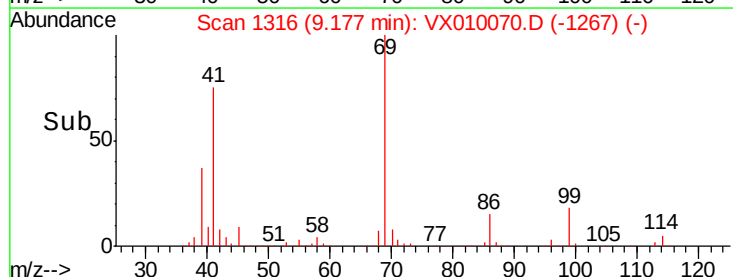
69 100

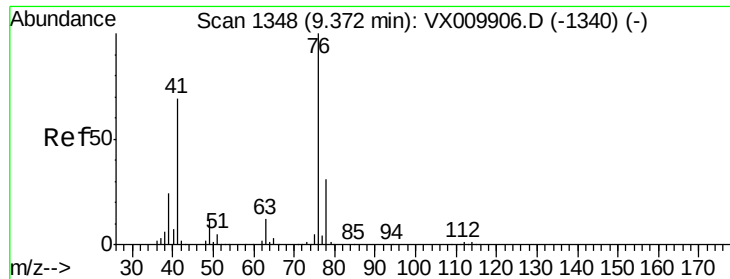
41 76.0 62.7 94.1

39 36.9 29.5 44.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

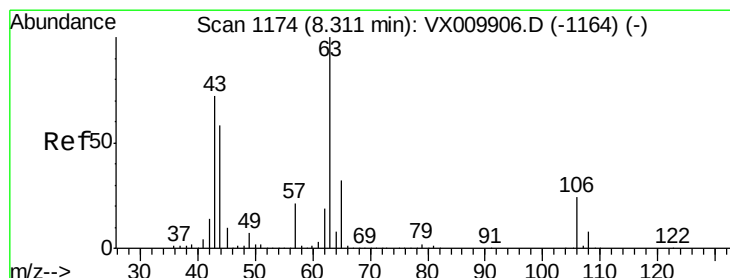
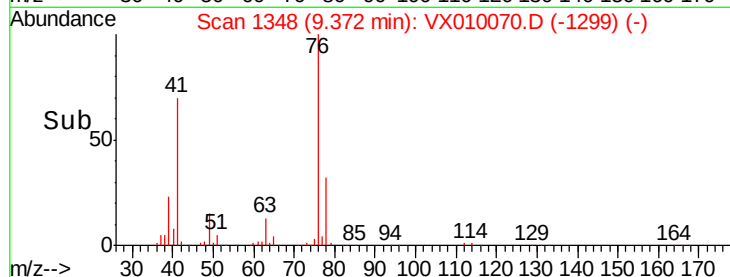
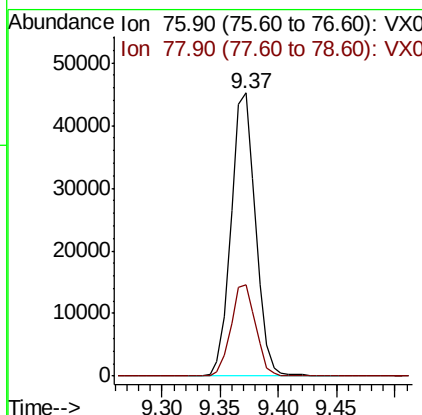
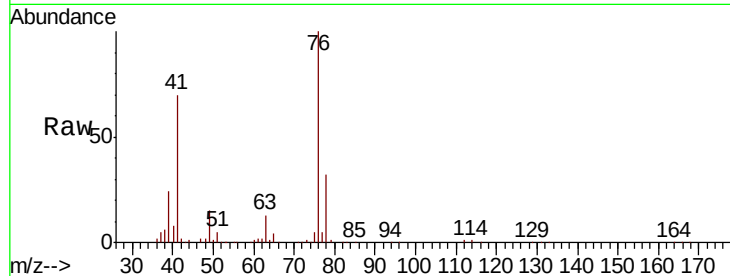




#57
 1,3-Dichloropropane
 Concen: 19.536 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

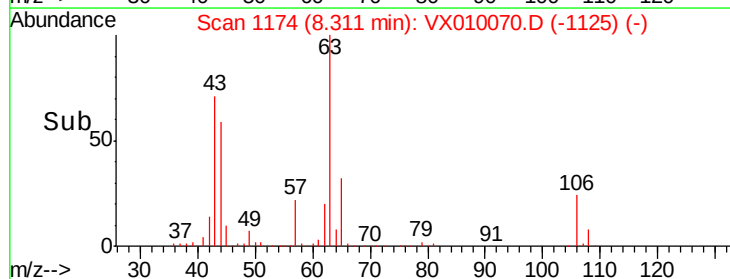
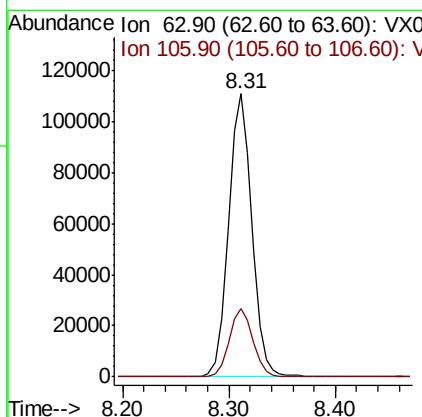
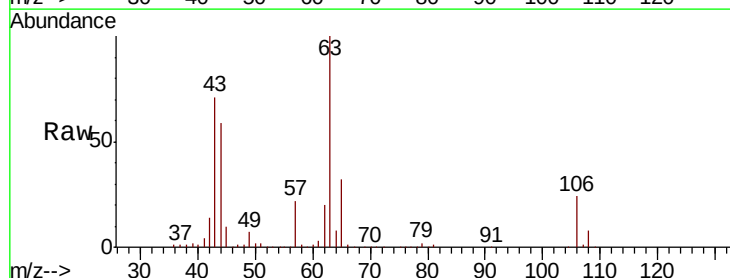
Instrument :
 MSVOA_X
 ClientSampled :

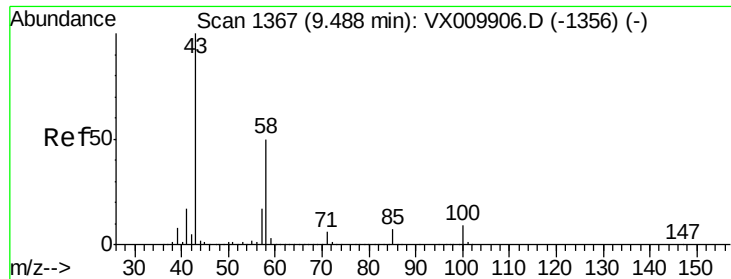
Tot Ion: 76 Resp: 66361
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.316 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 63 Resp: 170074
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.4 29.2

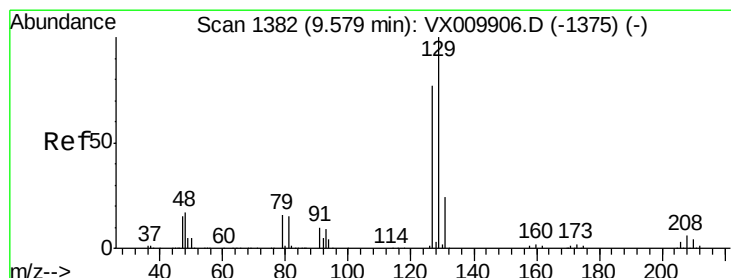
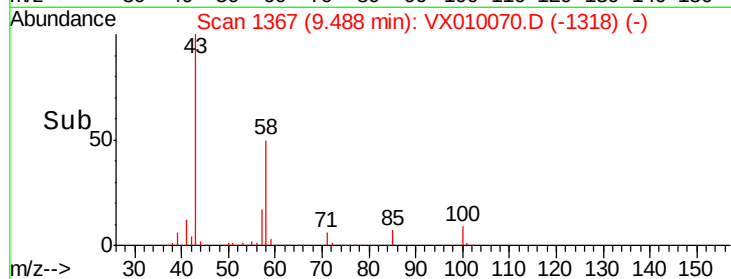
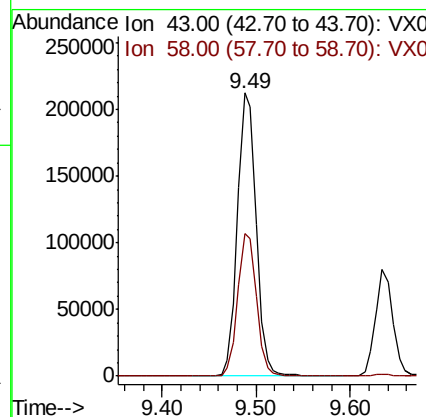
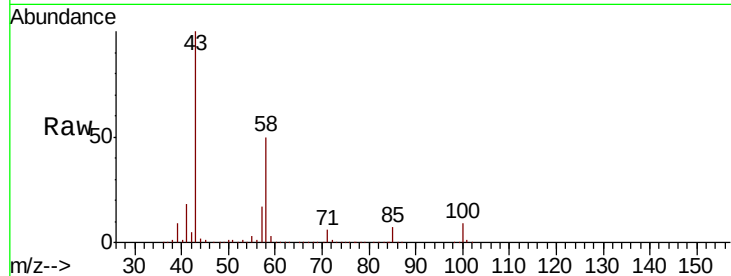




#59
2-Hexanone
Concen: 100.023 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

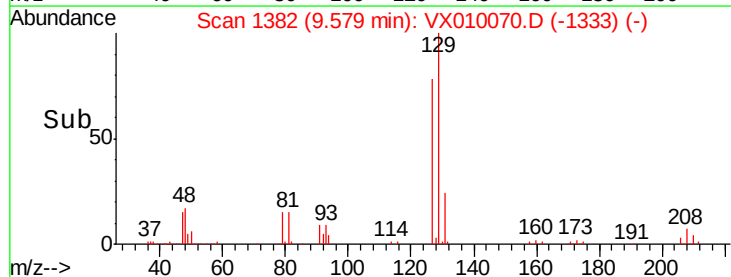
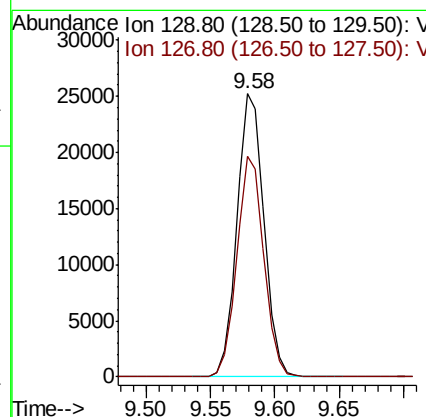
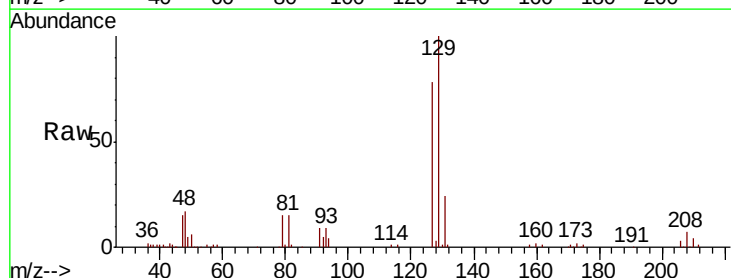
Instrument :
MSVOA_X
ClientSampleId :

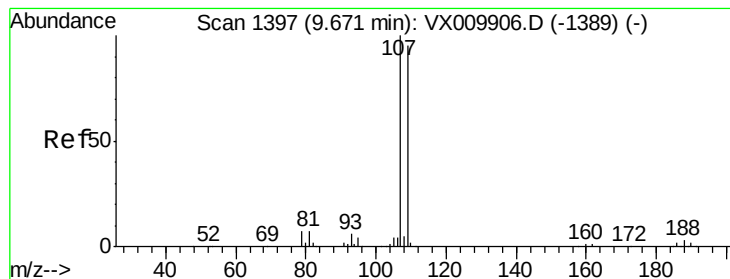
Tot Ion: 43 Resp: 293865
Ion Ratio Lower Upper
43 100
58 50.6 25.1 75.3



#60
Dibromochloromethane
Concen: 19.789 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion:129 Resp: 36820
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.198 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

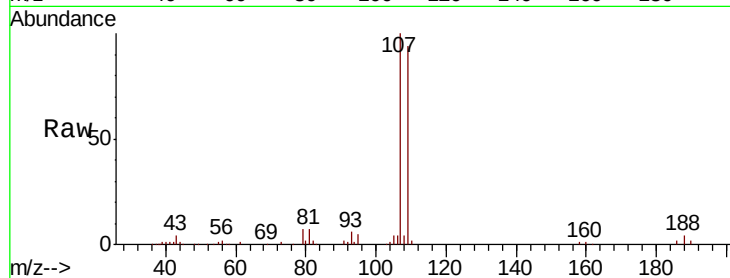
ClientSampleId :

Tot Ion:107 Resp: 39250

Ion Ratio Lower Upper

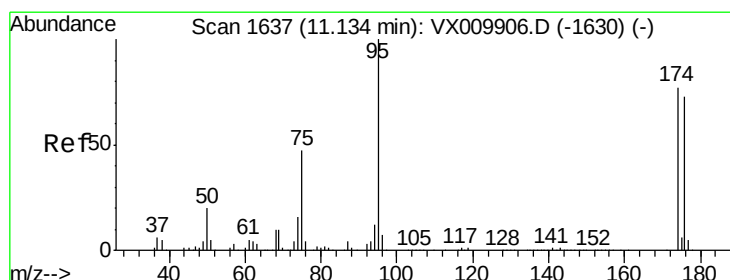
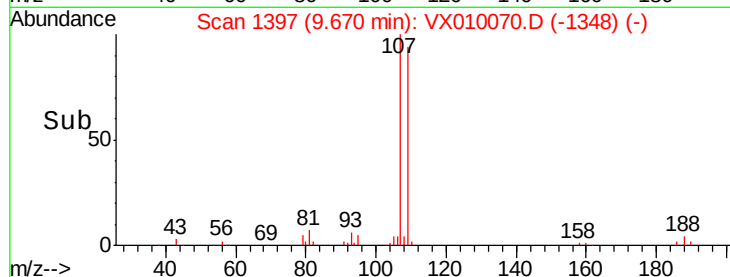
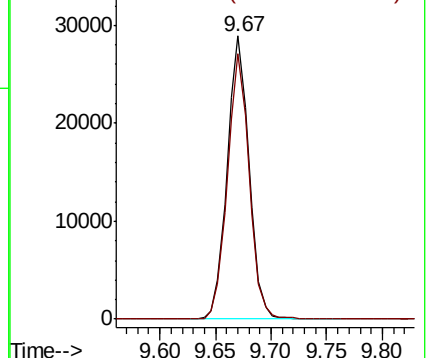
107 100

109 93.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.486 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

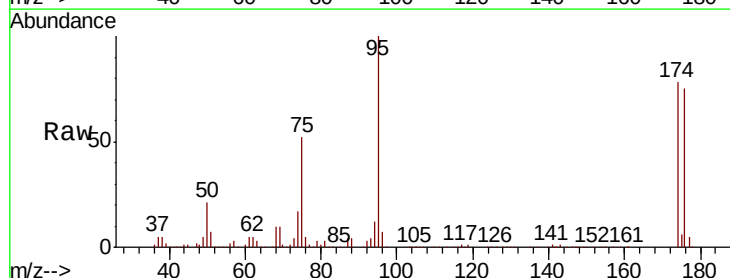
Tgt Ion: 95 Resp: 116696

Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.4

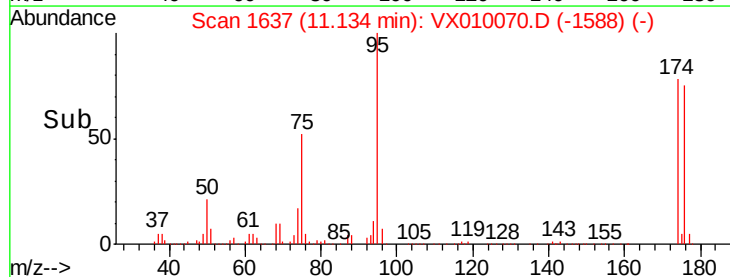
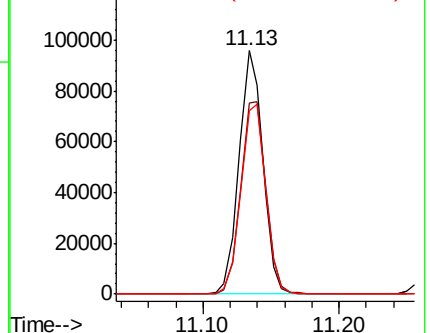
176 81.4 0.0 154.6

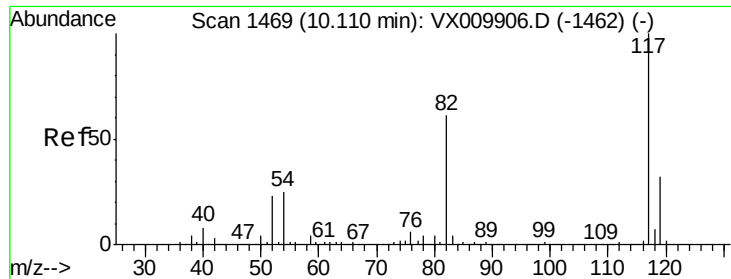


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

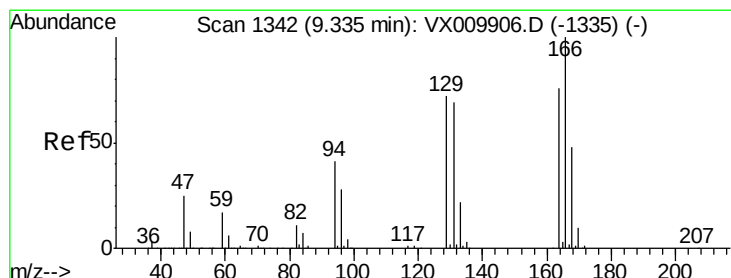
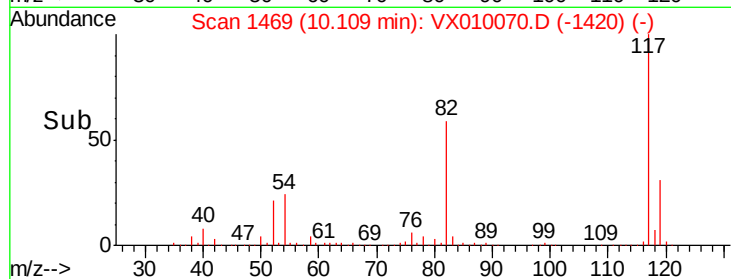
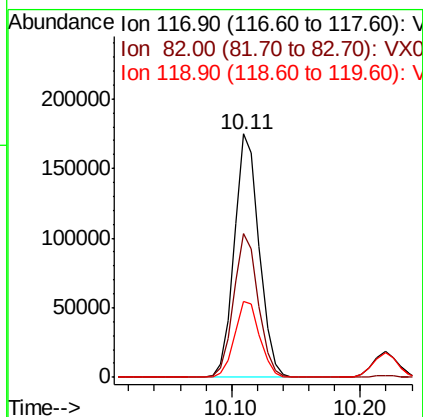
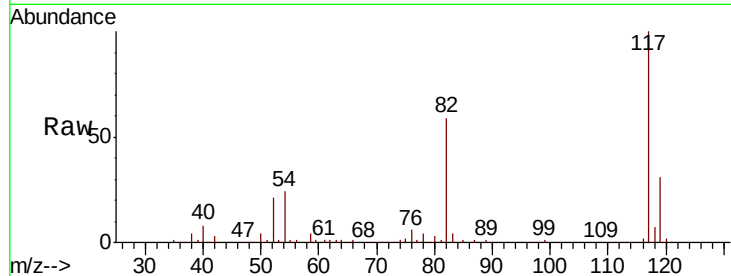




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

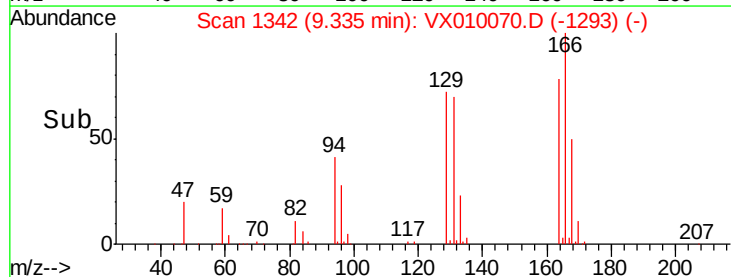
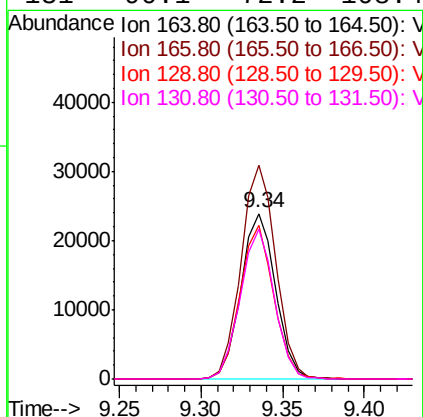
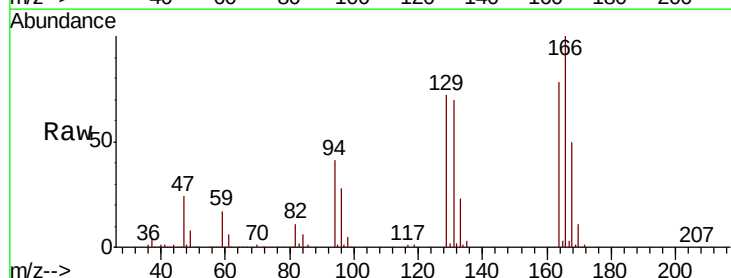
Instrument :
MSVOA_X
ClientSampleId :

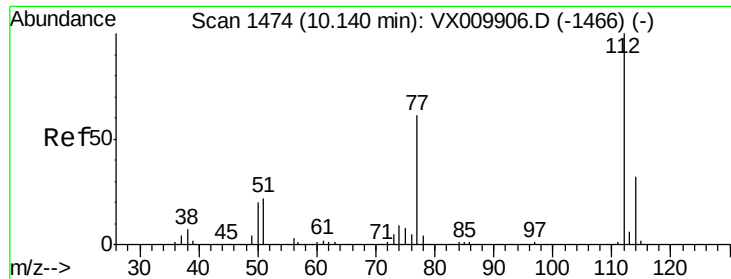
Tot Ion:117 Resp: 234295
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.2 25.2 37.8



#64
Tetrachloroethene
Concen: 21.521 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion:164 Resp: 35220
Ion Ratio Lower Upper
164 100
166 129.0 105.0 157.4
129 92.4 75.1 112.7
131 90.1 72.2 108.4





#65

Chlorobenzene

Concen: 20.444 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

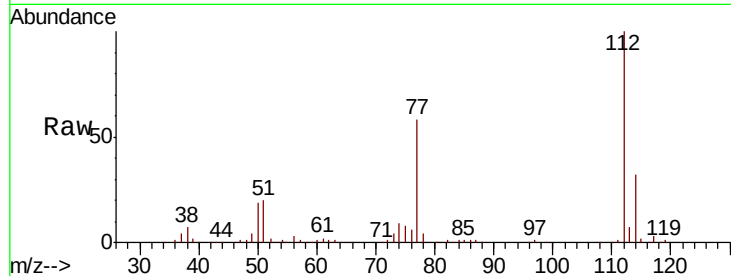
ClientSampled :

Tot Ion:112 Resp: 100276

Ion Ratio Lower Upper

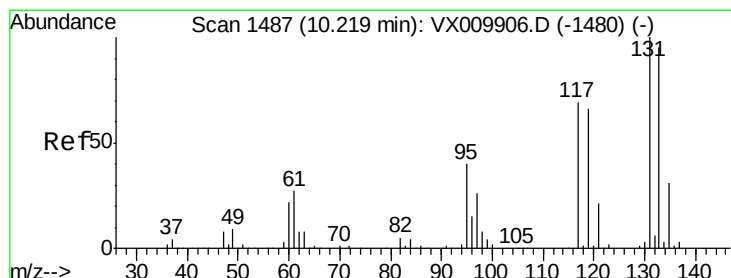
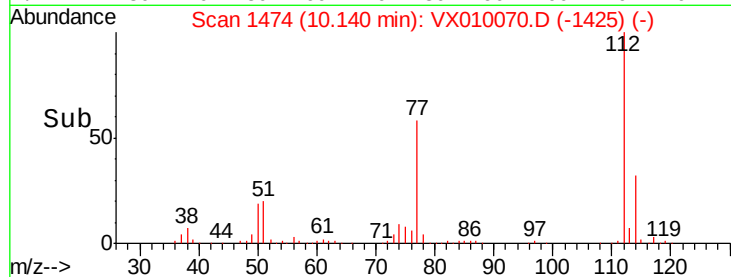
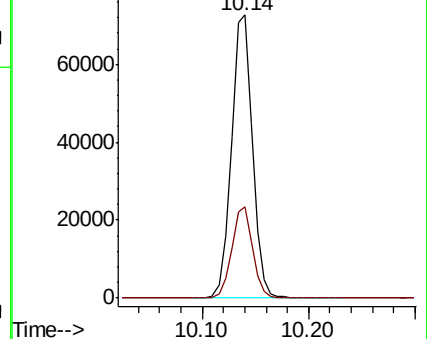
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.522 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

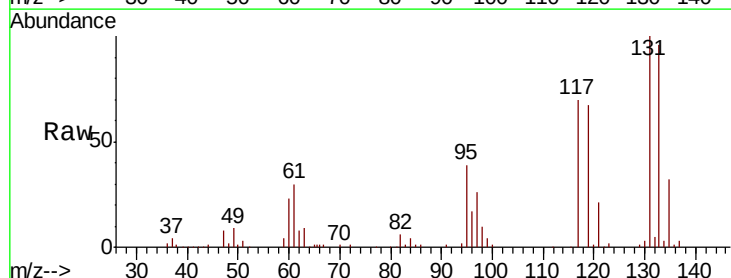
Tgt Ion:131 Resp: 34913

Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

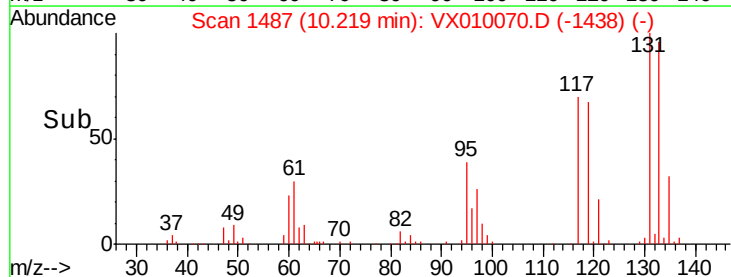
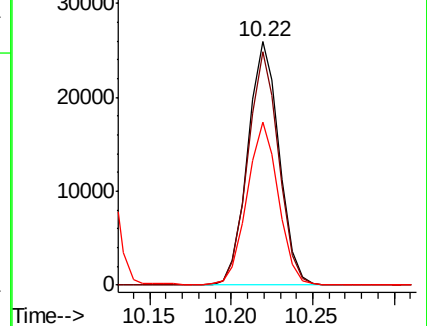
119 66.8 33.4 100.1

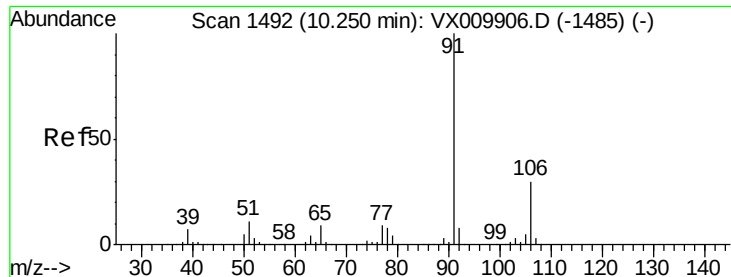


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

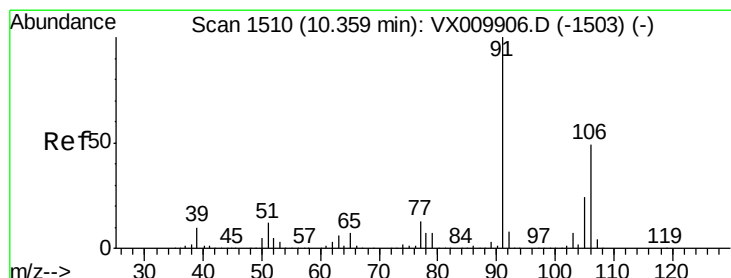
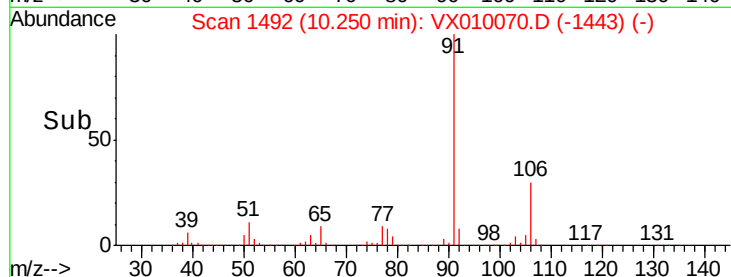
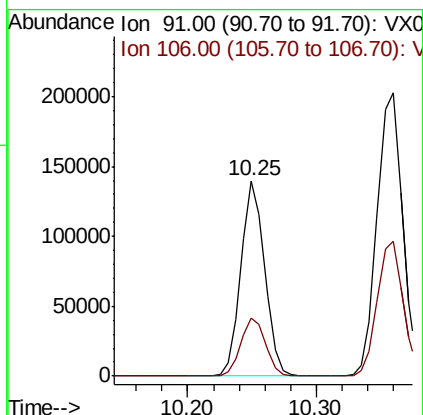
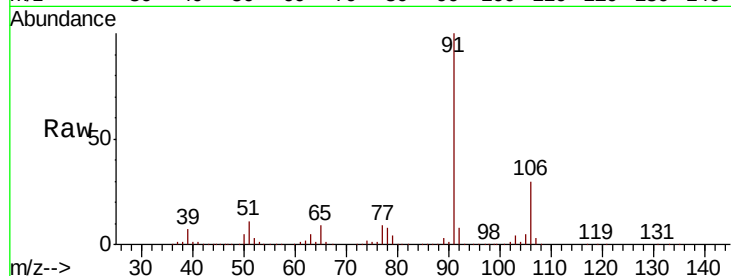




#67
Ethyl Benzene
Concen: 20.316 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

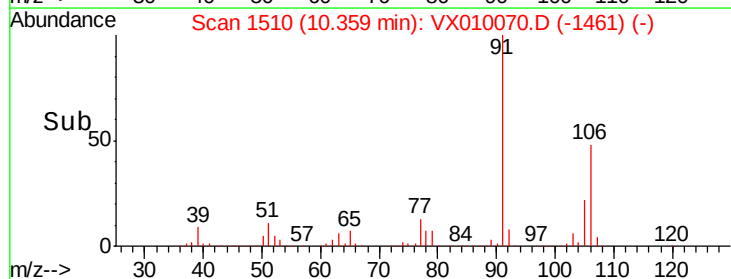
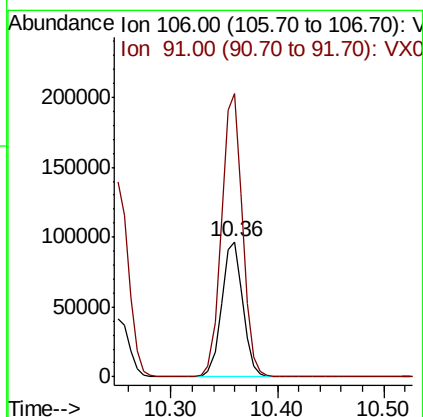
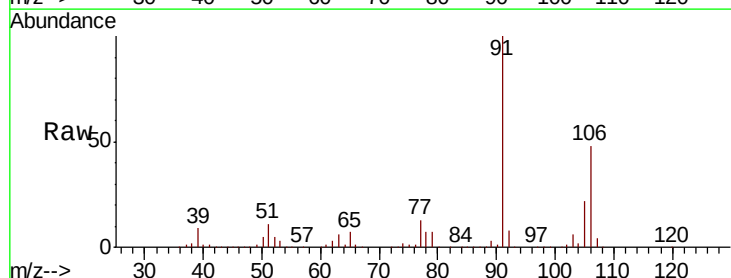
Instrument :
MSVOA_X
ClientSampled :

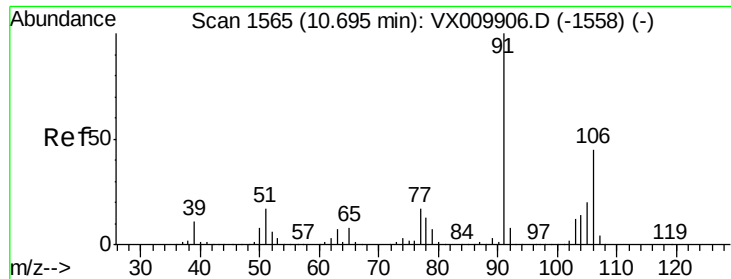
Tot Ion: 91 Resp: 178924
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9



#68
m/p-Xylenes
Concen: 40.997 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion: 106 Resp: 133388
Ion Ratio Lower Upper
106 100
91 207.5 167.3 250.9

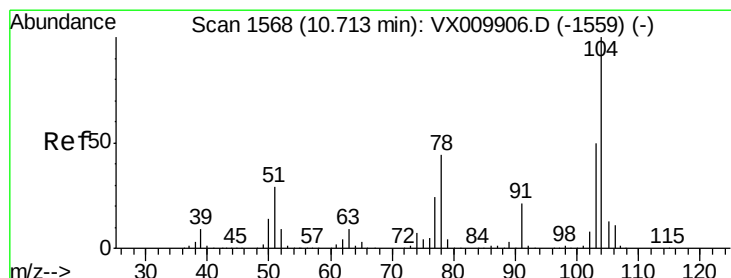
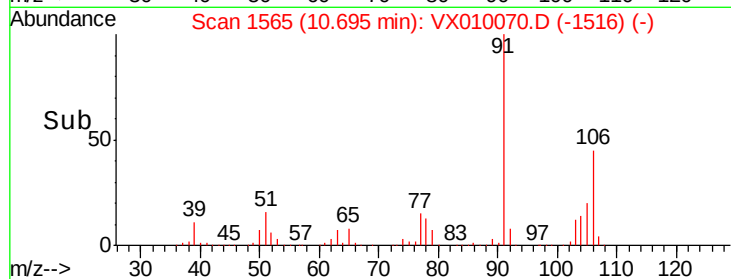
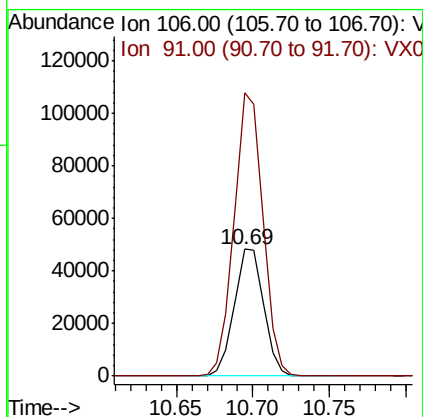
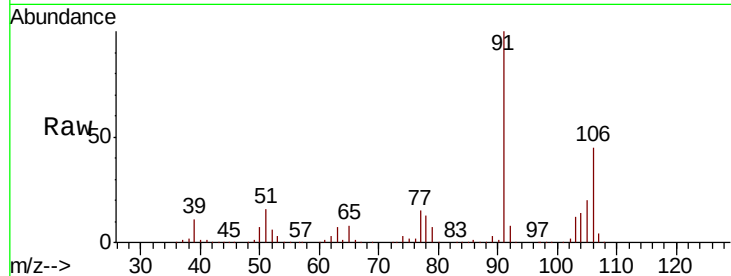




#69
o-Xylene
Concen: 20.674 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

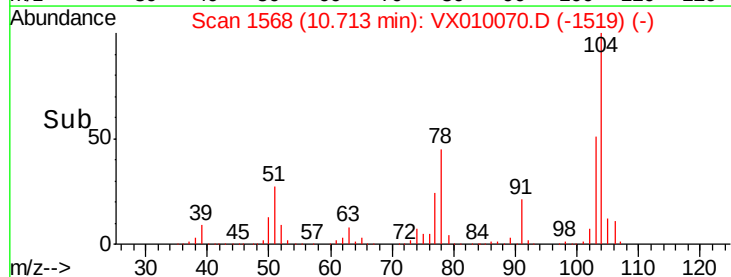
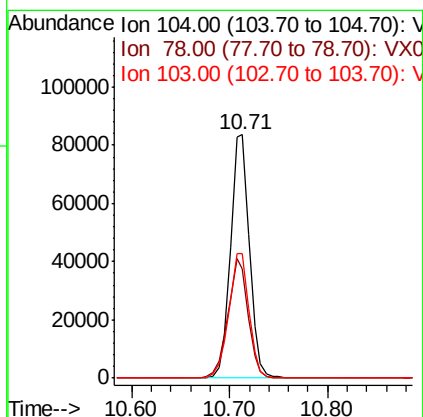
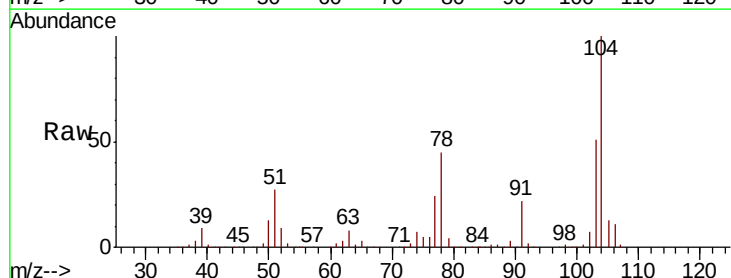
Instrument :
MSVOA_X
ClientSampled :

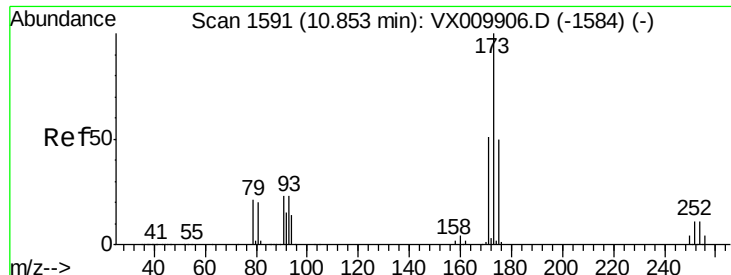
Tot Ion:106 Resp: 64510
Ion Ratio Lower Upper
106 100
91 220.1 110.4 331.2



#70
Styrene
Concen: 20.534 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion:104 Resp: 112353
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 20.450 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampled :

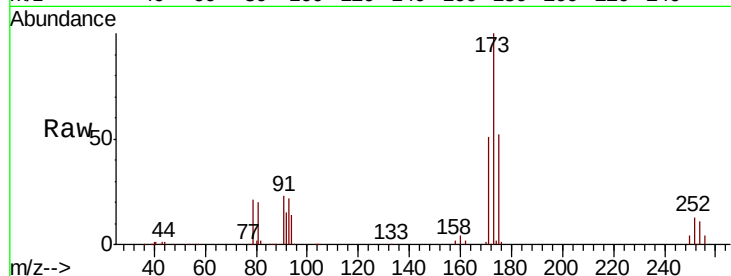
Tot Ion:173 Resp: 28438

Ion Ratio Lower Upper

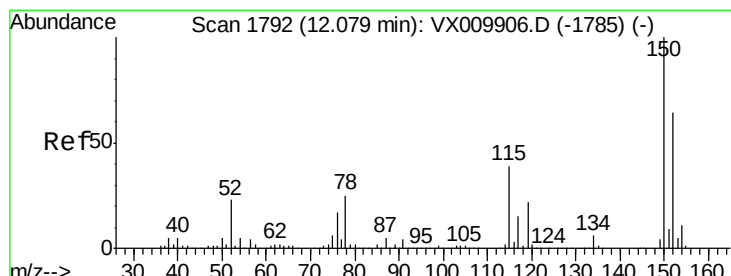
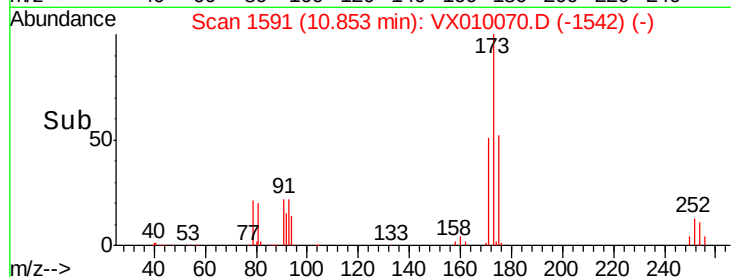
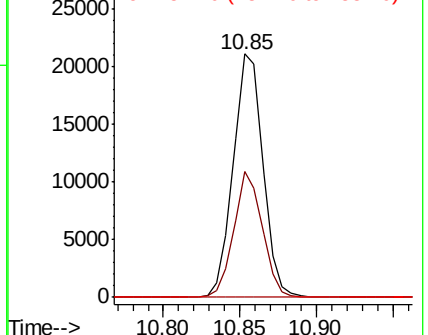
173 100

175 49.6 25.0 75.0

254 0.0 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

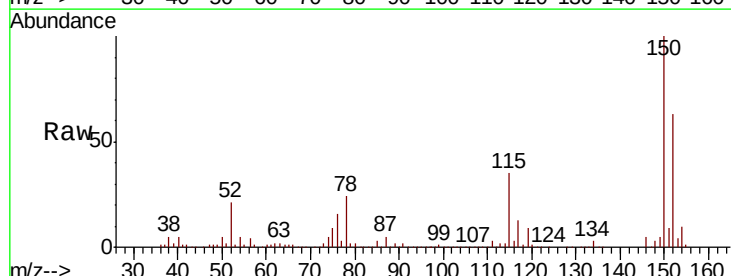
Tgt Ion:152 Resp: 114108

Ion Ratio Lower Upper

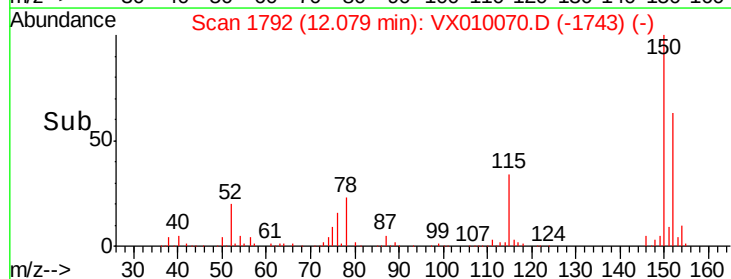
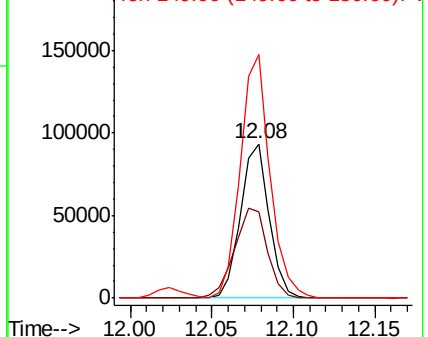
152 100

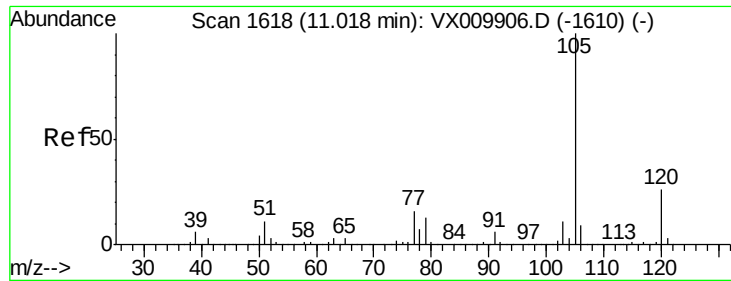
115 67.2 41.4 124.2

150 164.0 0.0 345.2



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





#73

Isopropylbenzene

Concen: 20.623 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

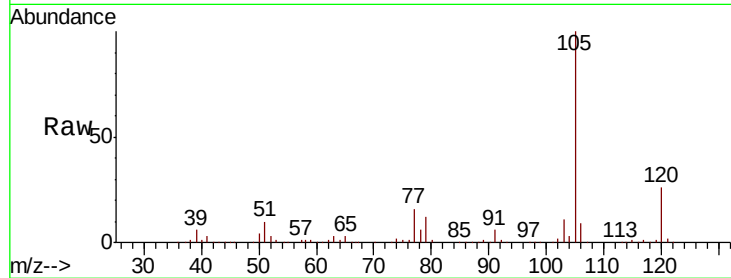
ClientSampleId :

Tot Ion:105 Resp: 173625

Ion Ratio Lower Upper

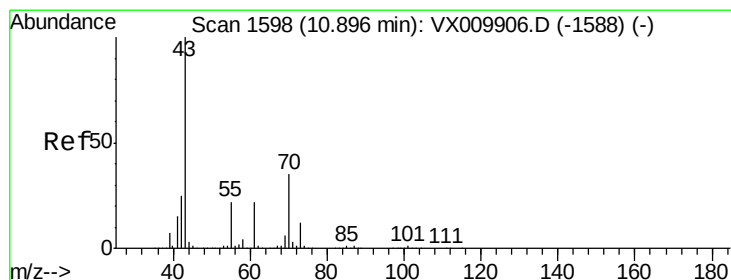
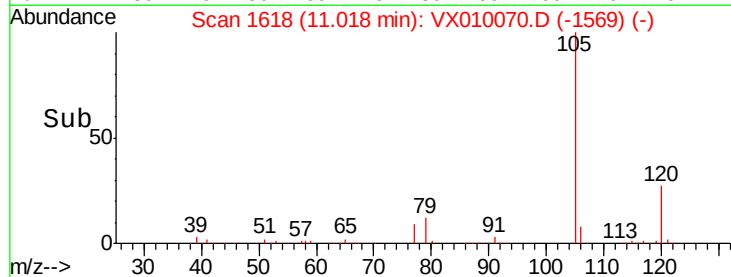
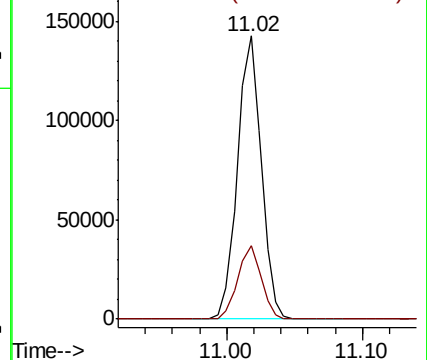
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.829 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Tgt Ion: 43 Resp: 99759

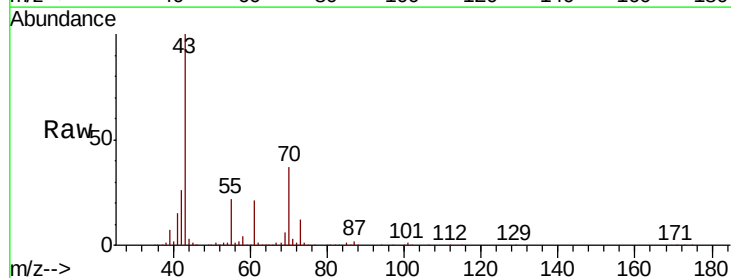
Ion Ratio Lower Upper

43 100

70 36.7 28.6 43.0

55 23.1 17.8 26.8

61 22.0 17.7 26.5

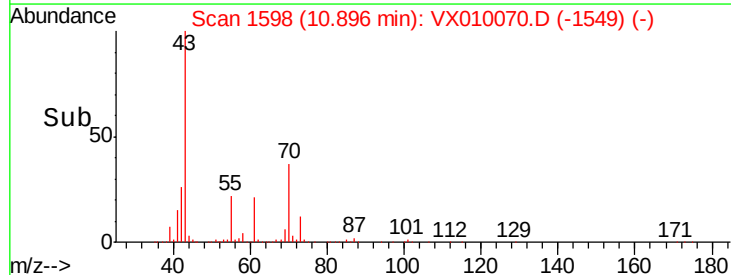
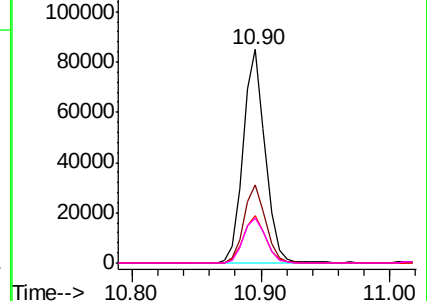


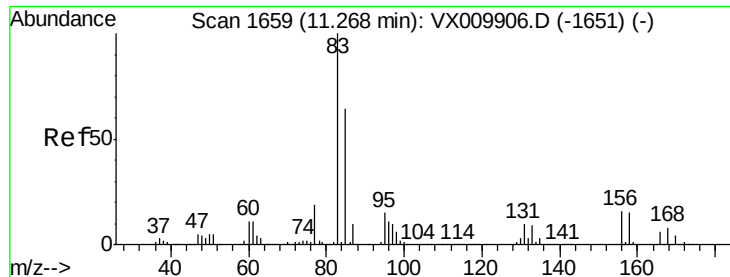
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.839 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

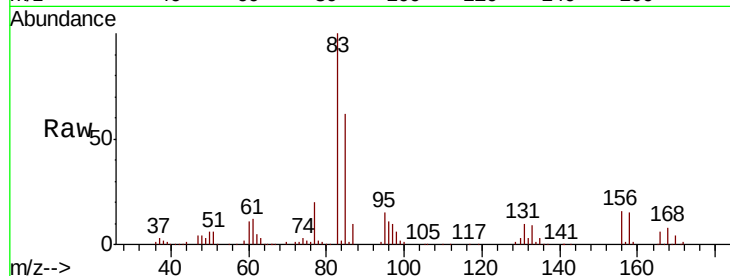
Tot Ion: 83 Resp: 62313

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.1

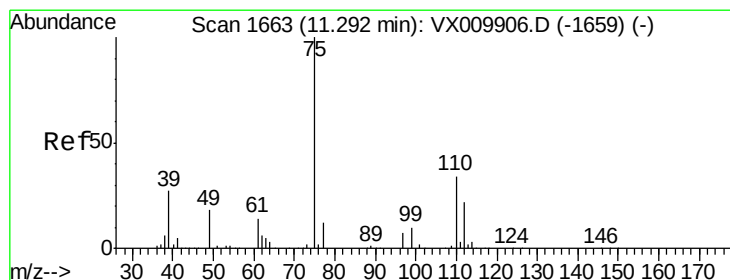
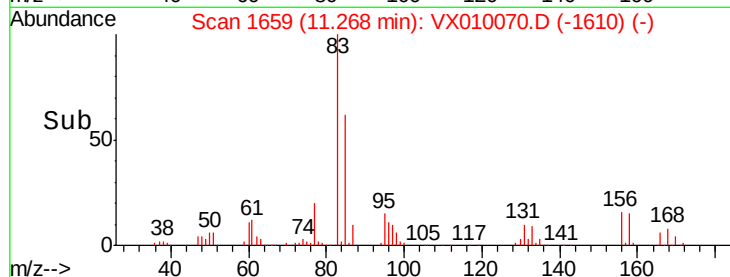
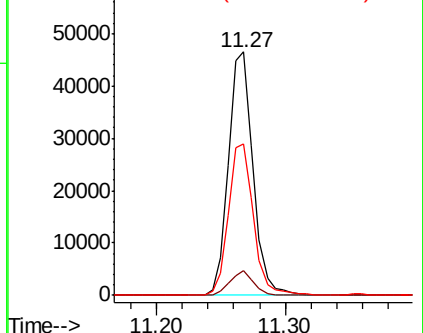
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.200 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010070.D

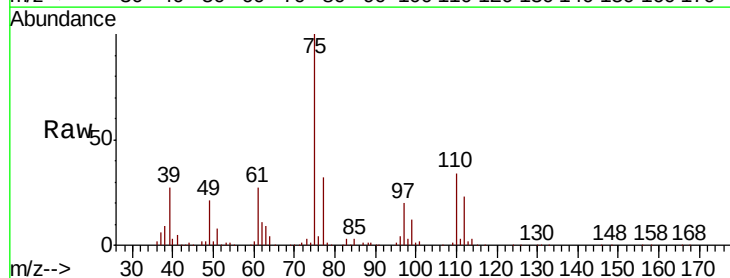
Acq: 05 Jun 2019 12:34

Tgt Ion: 75 Resp: 71491

Ion Ratio Lower Upper

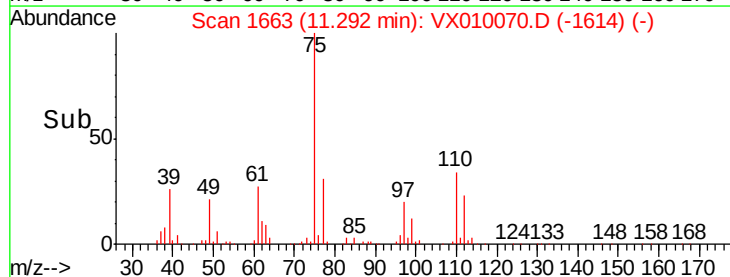
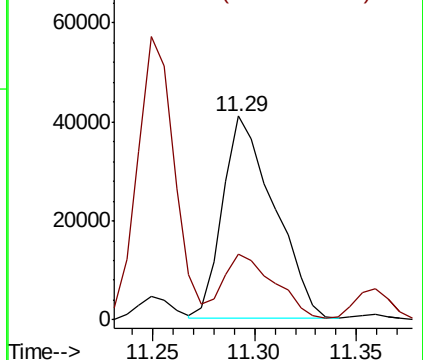
75 100

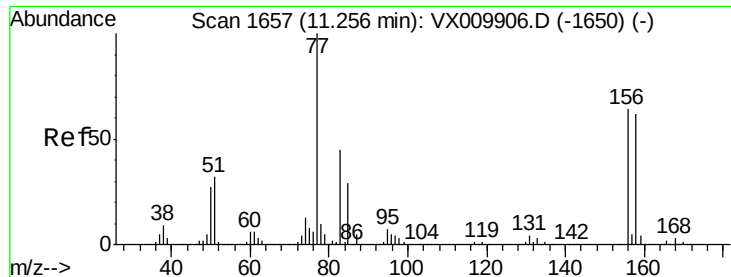
77 32.8 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

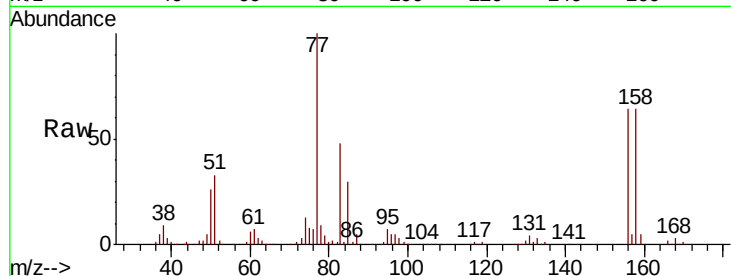
Tot Ion:156 Resp: 43277

Ion Ratio Lower Upper

156 100

77 166.0 86.8 260.3

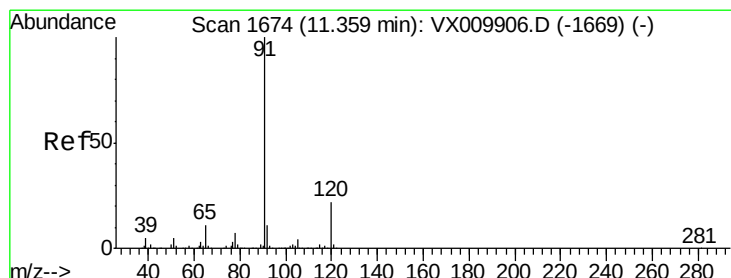
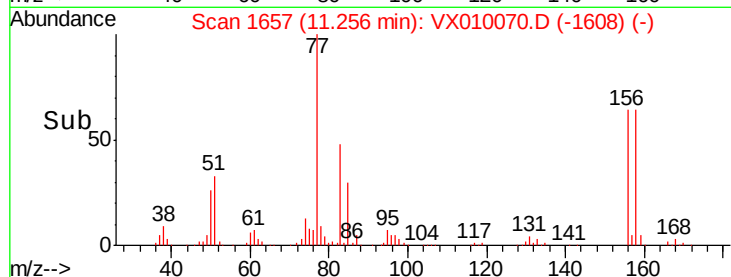
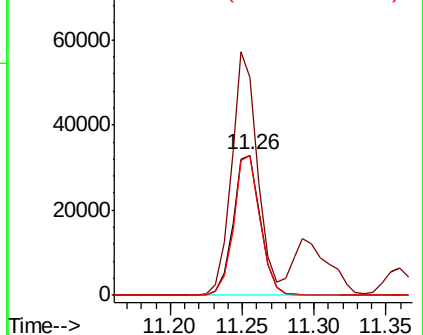
158 97.3 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.478 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010070.D

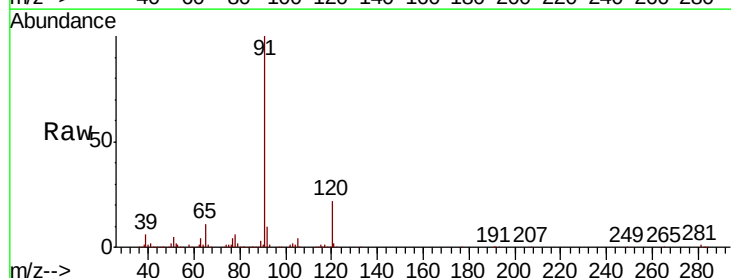
Acq: 05 Jun 2019 12:34

Tgt Ion: 91 Resp: 198727

Ion Ratio Lower Upper

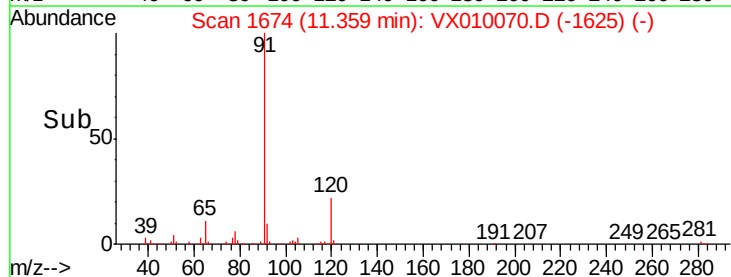
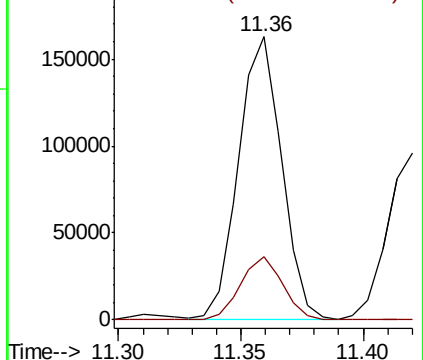
91 100

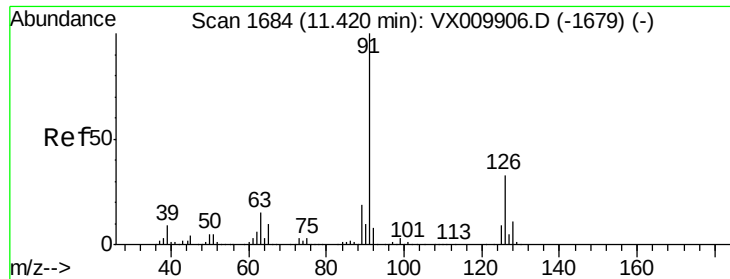
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

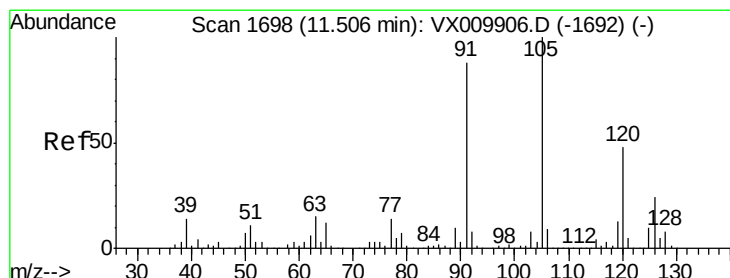
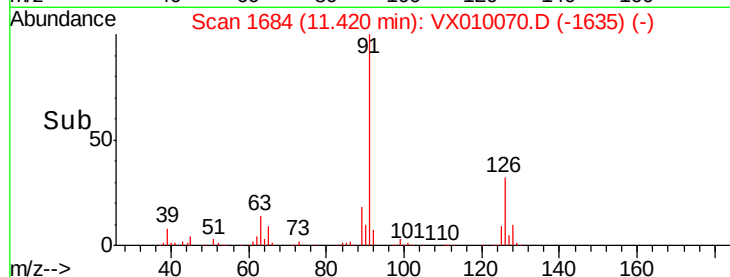
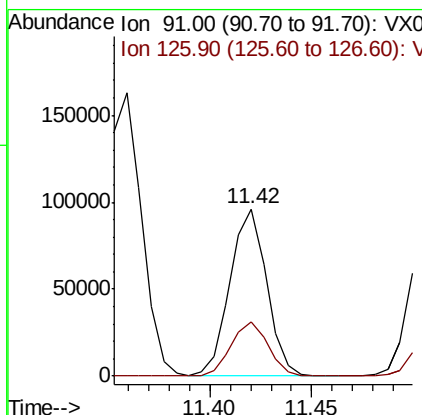
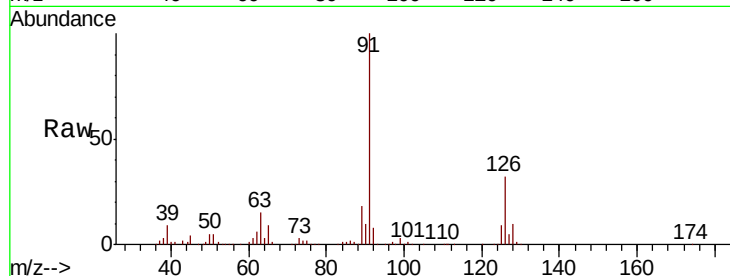




#79
 2-Chlorotoluene
 Concen: 20.096 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

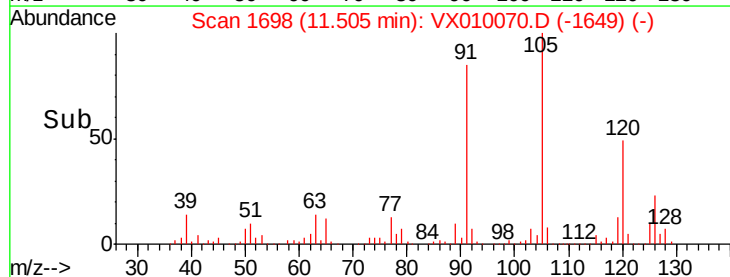
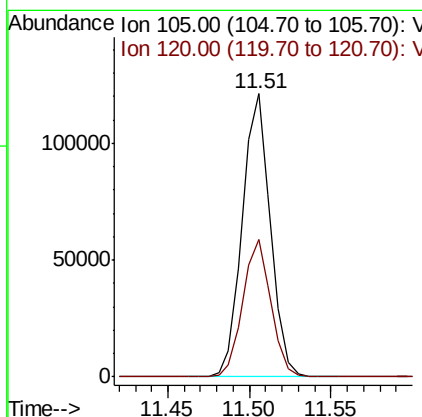
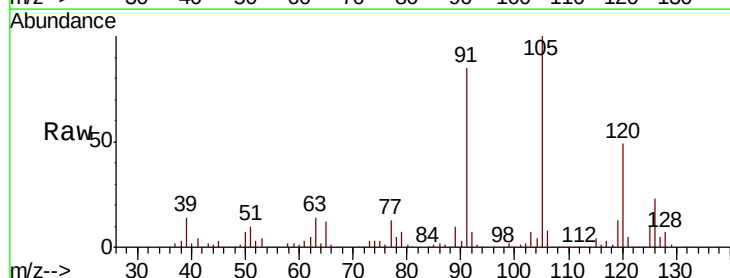
Instrument :
 MSVOA_X
 ClientSampleId :

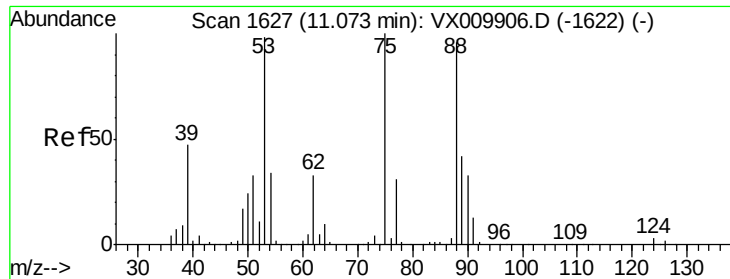
Tot Ion: 91 Resp: 119152
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.513 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion: 105 Resp: 145497
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.614 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

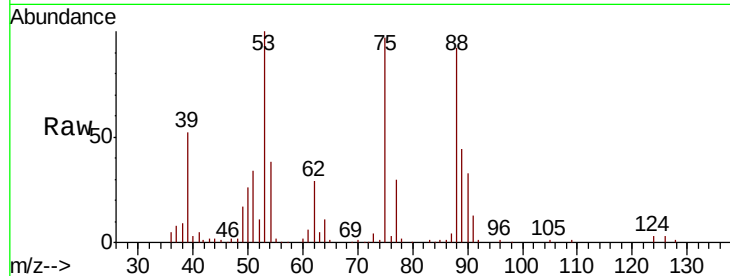
Tot Ion: 75 Resp: 20529

Ion Ratio Lower Upper

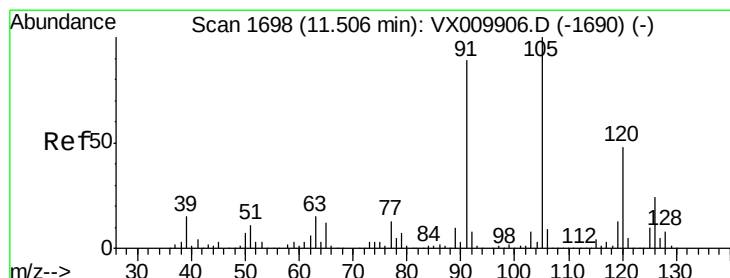
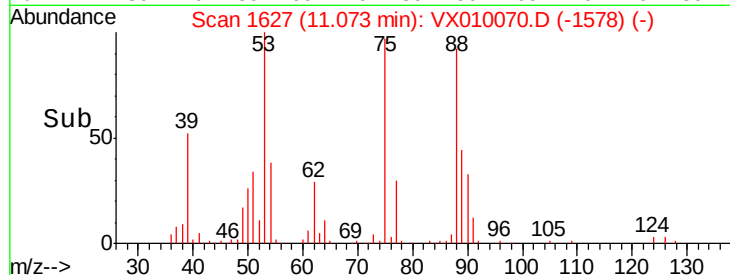
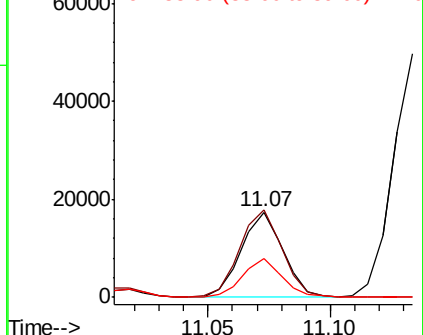
75 100

53 106.3 79.8 119.6

89 44.3 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.678 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010070.D

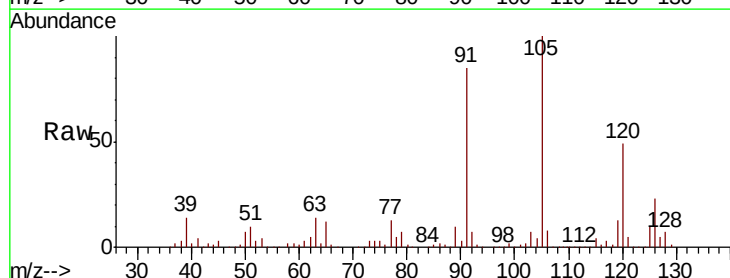
Acq: 05 Jun 2019 12:34

Tgt Ion: 91 Resp: 135823

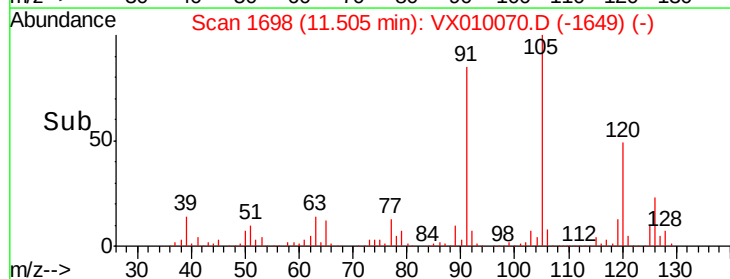
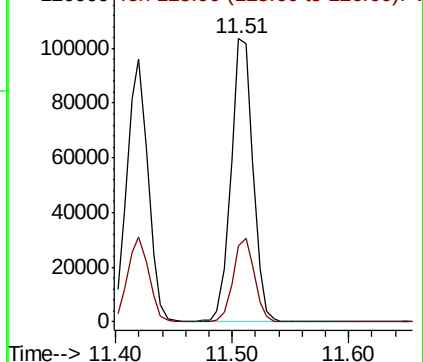
Ion Ratio Lower Upper

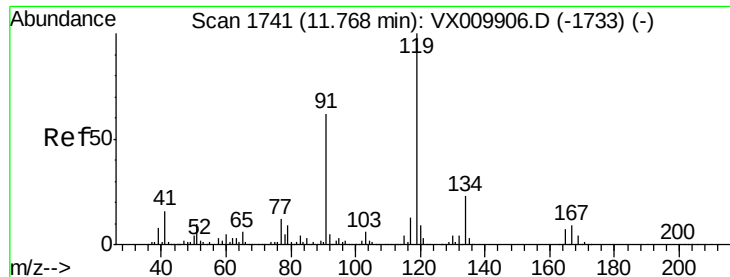
91 100

126 28.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

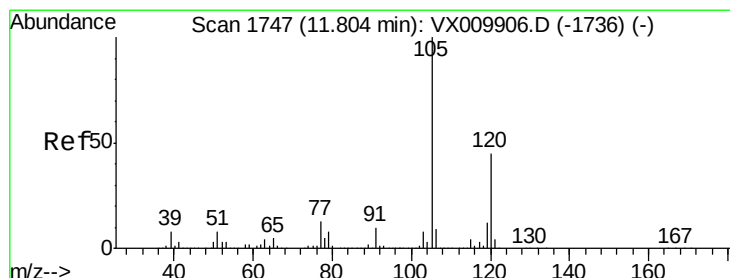
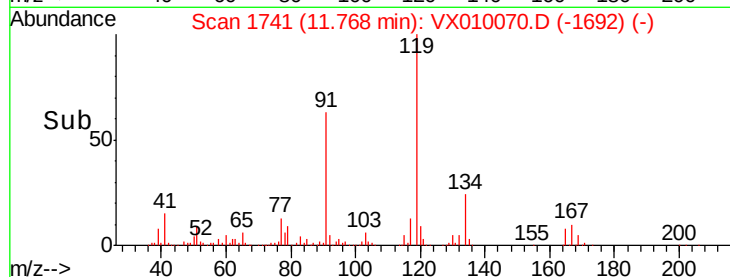
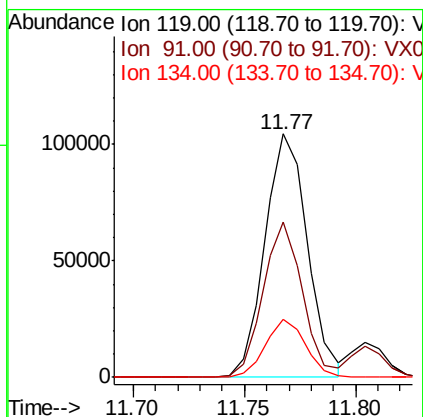
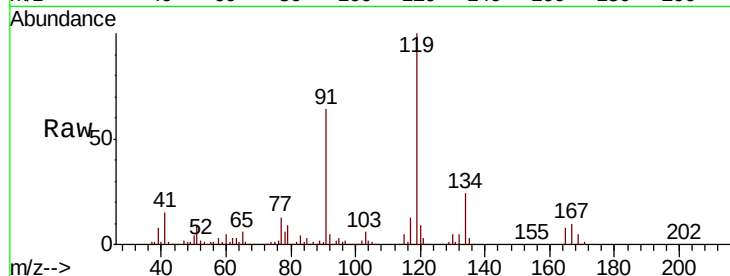




#83
 tert-Butylbenzene
 Concen: 20.431 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

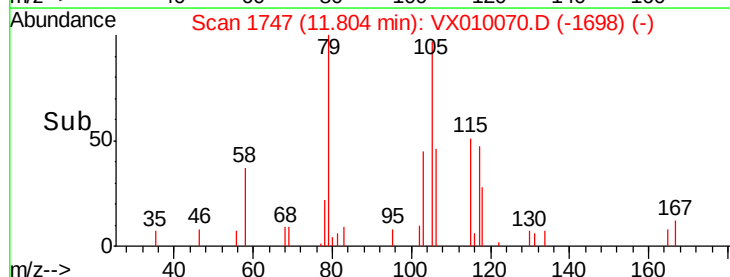
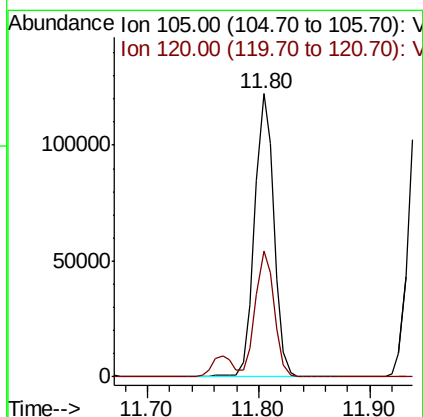
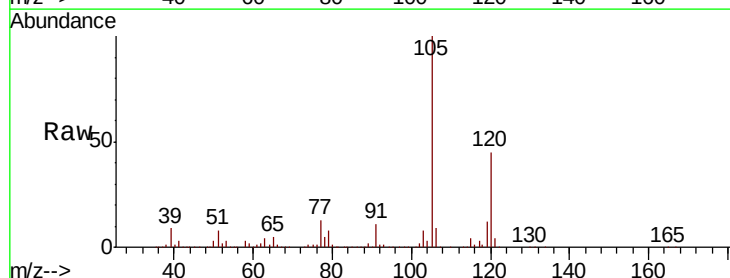
Instrument :
 MSVOA_X
 ClientSampled :

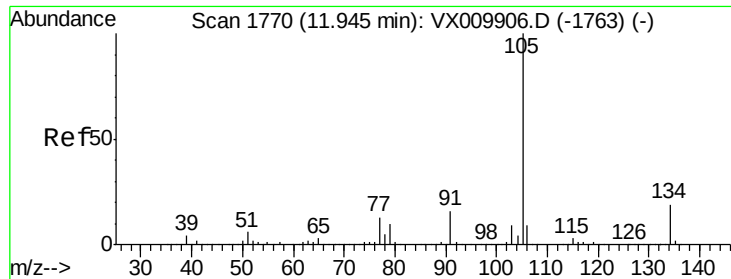
Tot Ion:119 Resp: 138642
 Ion Ratio Lower Upper
 119 100
 91 59.2 30.0 90.0
 134 22.7 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.543 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion:105 Resp: 147976
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.584 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

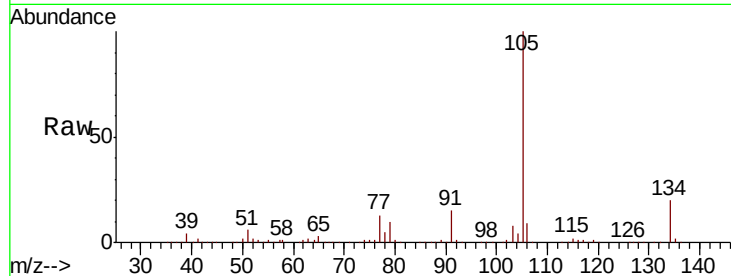
ClientSampleId :

Tot Ion:105 Resp: 166167

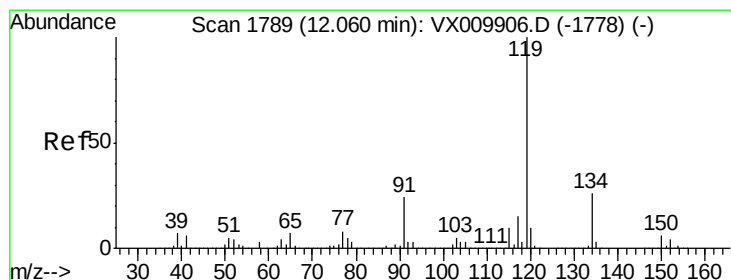
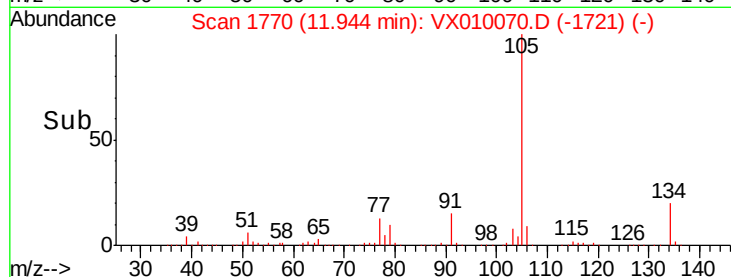
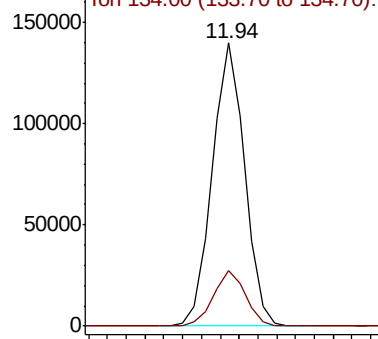
Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 20.991 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

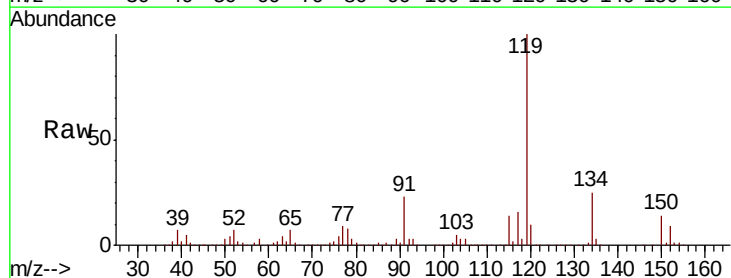
Tgt Ion:119 Resp: 152420

Ion Ratio Lower Upper

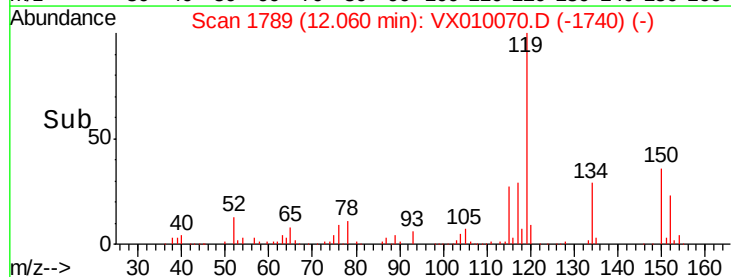
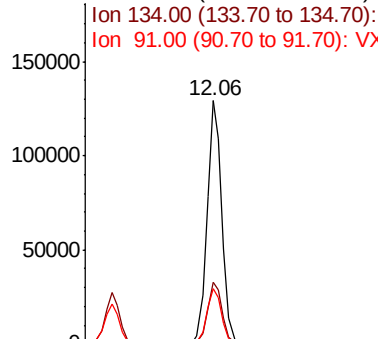
119 100

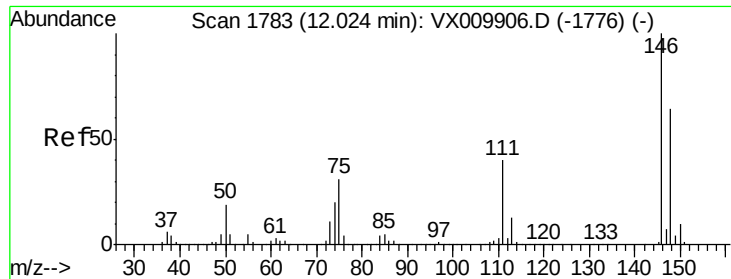
134 25.6 12.9 38.6

91 23.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

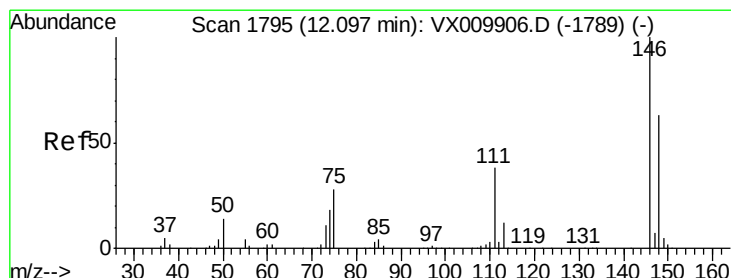
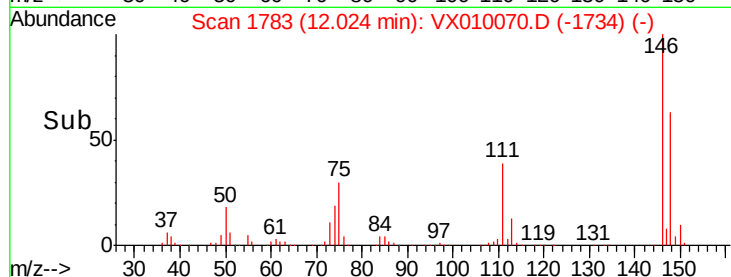
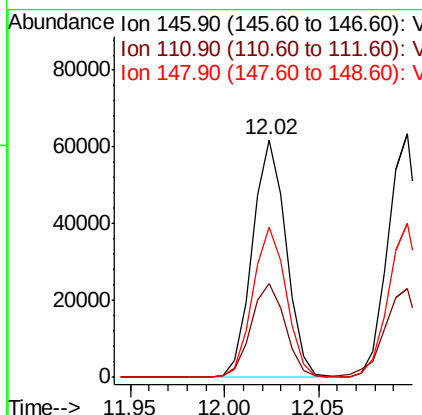
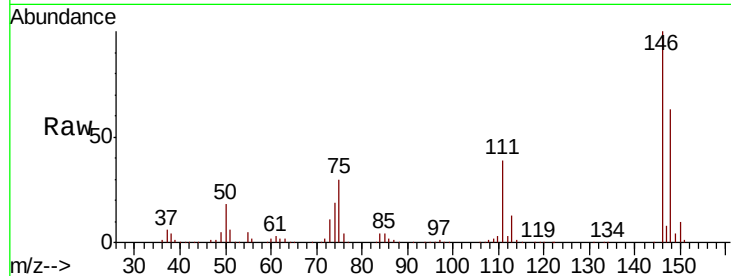




#87
 1,3-Dichlorobenzene
 Concen: 20.058 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

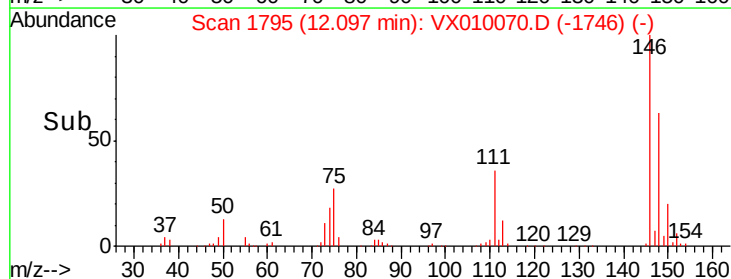
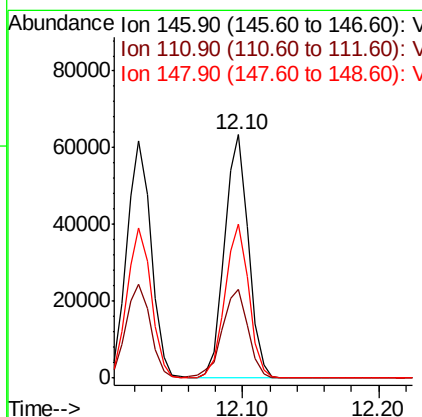
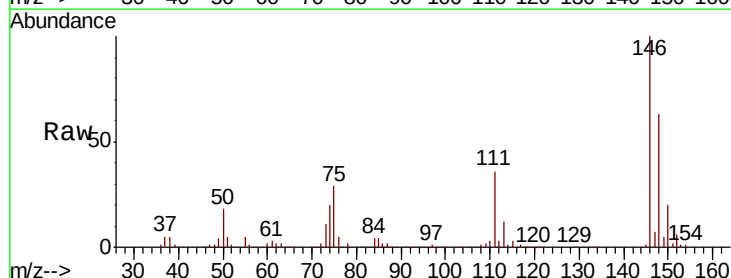
Instrument :
 MSVOA_X
 ClientSampleId :

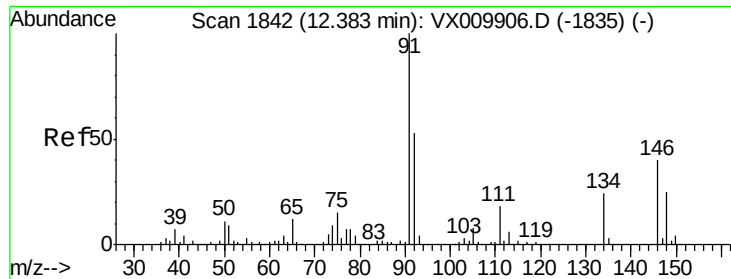
Tot Ion:146 Resp: 76620
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.817 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion:146 Resp: 77198
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.3 32.3 96.9





#89

n-Butylbenzene

Concen: 19.833 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

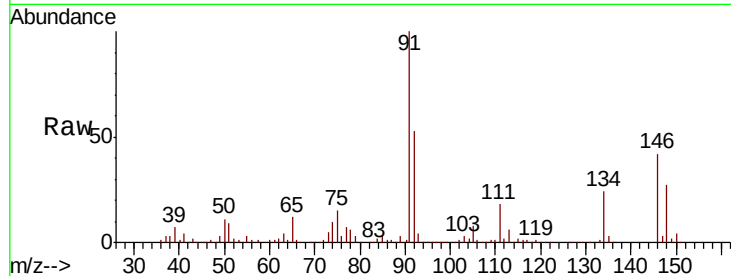
Tot Ion: 91 Resp: 135340

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.8

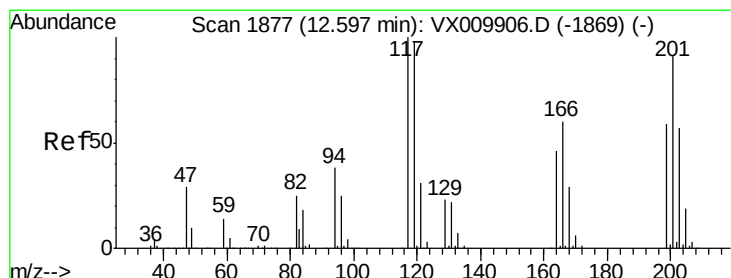
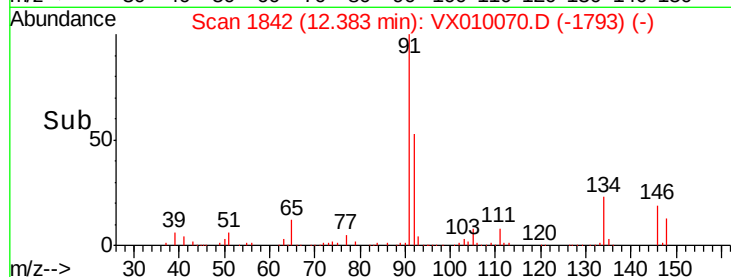
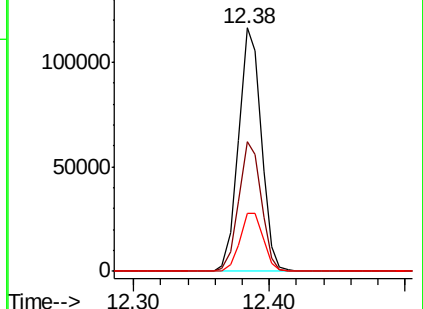
134 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.989 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010070.D

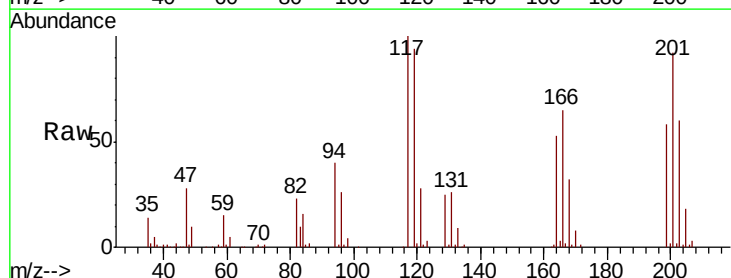
Acq: 05 Jun 2019 12:34

Tgt Ion: 117 Resp: 24909

Ion Ratio Lower Upper

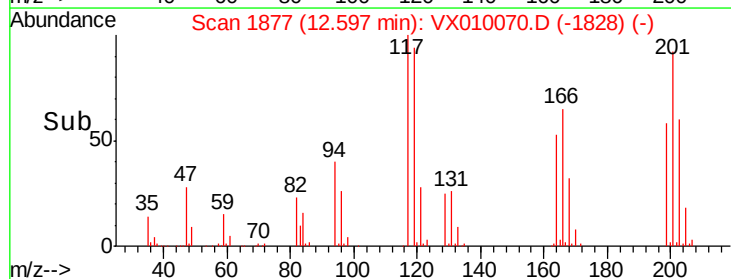
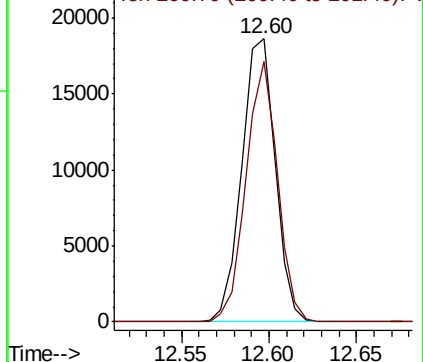
117 100

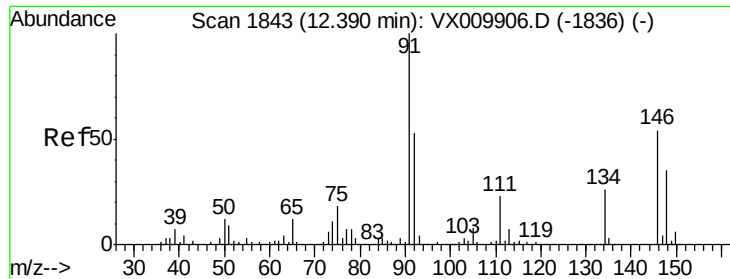
201 86.5 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.361 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

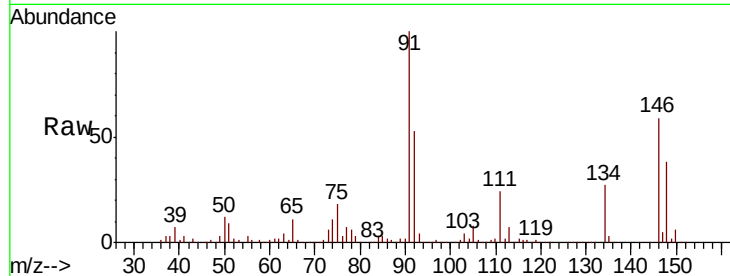
Tot Ion:146 Resp: 76683

Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.1

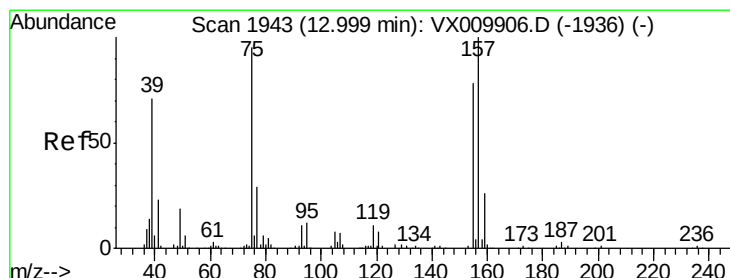
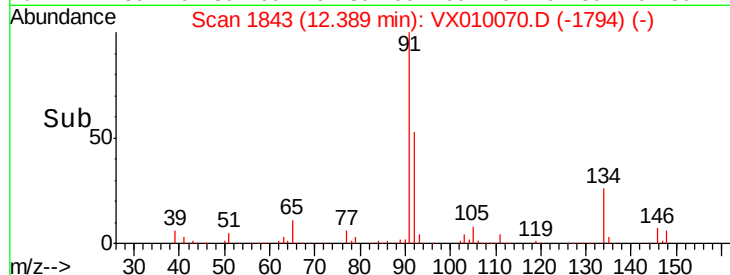
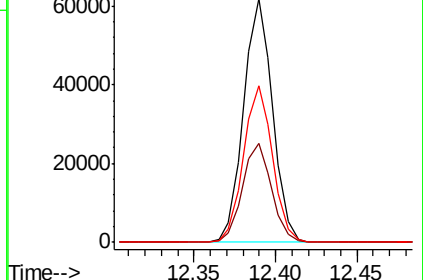
148 64.3 32.3 96.8



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: 18.542 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010070.D

Acq: 05 Jun 2019 12:34

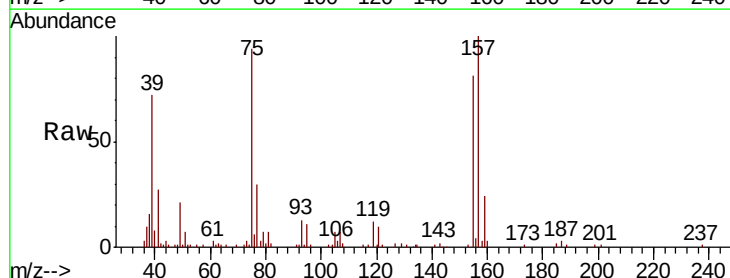
Tgt Ion: 75 Resp: 13709

Ion Ratio Lower Upper

75 100

155 84.1 39.3 117.8

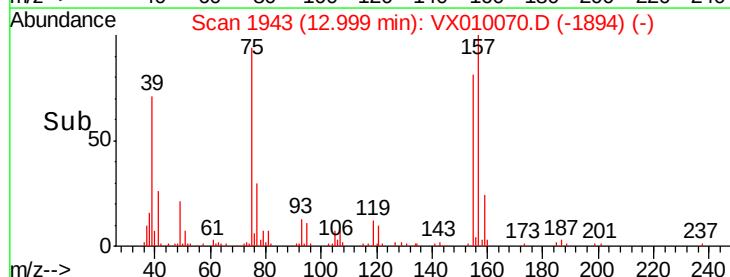
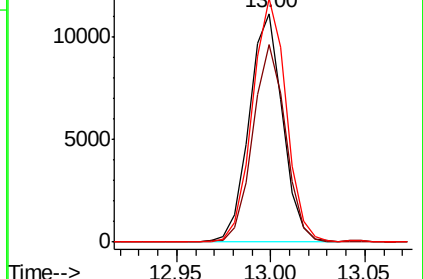
157 107.3 50.6 151.8

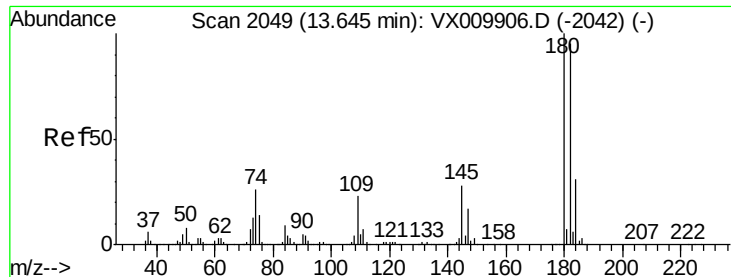


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

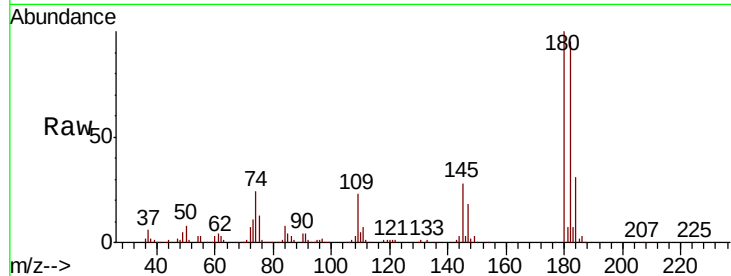




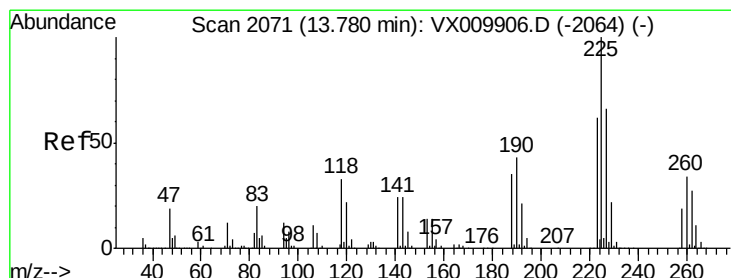
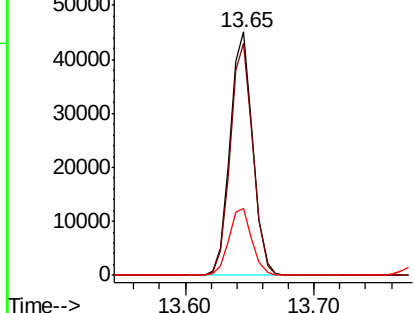
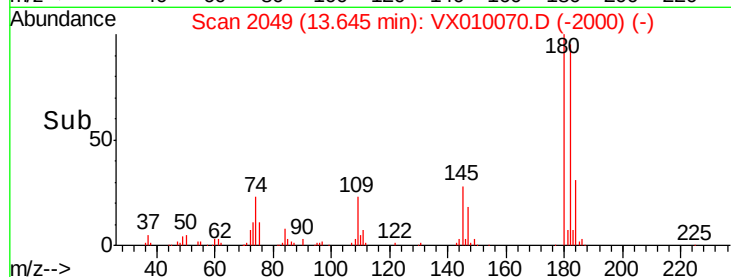
#93
 1,2,4-Trichlorobenzene
 Concen: 20.727 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 55784
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 27.8 14.5 43.5

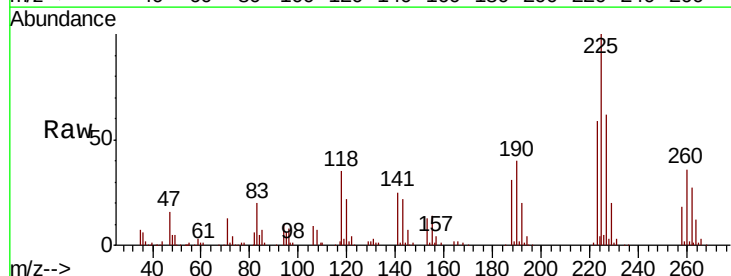


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

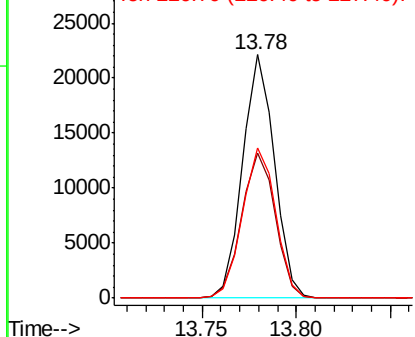
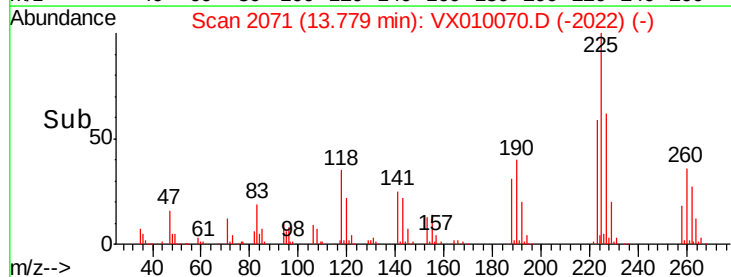


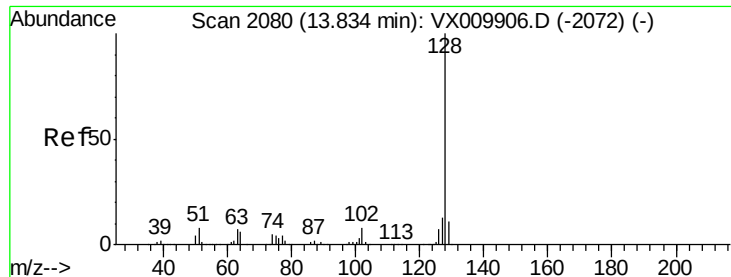
#94
 Hexachlorobutadiene
 Concen: 19.224 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010070.D
 Acq: 05 Jun 2019 12:34

Tgt Ion:225 Resp: 25950
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.6 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

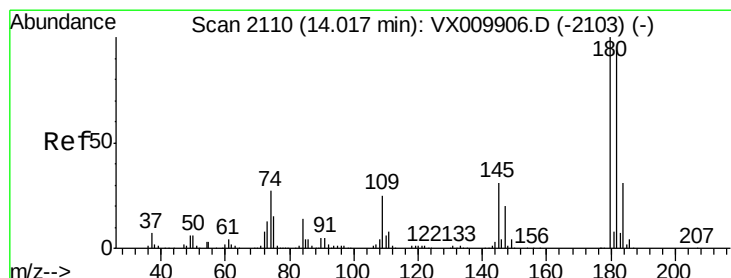
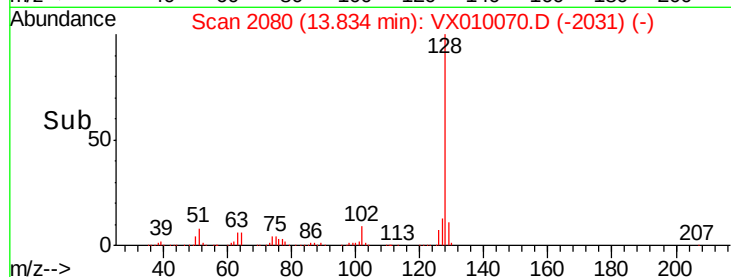
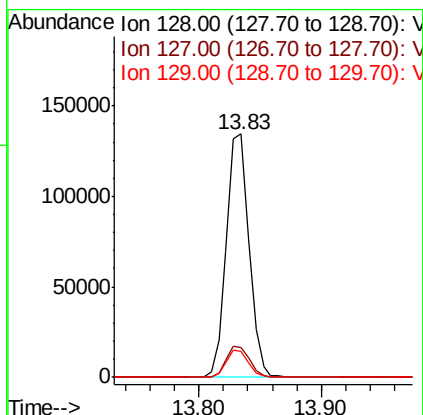
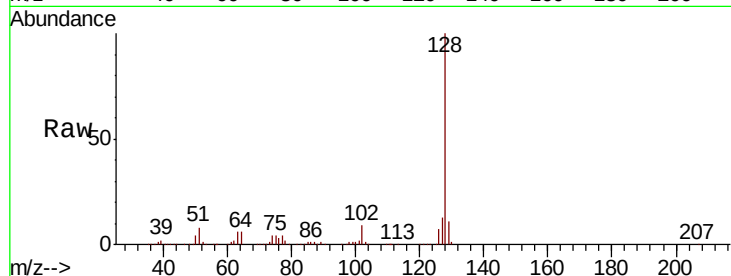




#95
Naphthalene
Concen: 20.598 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 172512
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.333 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010070.D
Acq: 05 Jun 2019 12:34

Tgt Ion:180 Resp: 54776
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 30.7 15.6 46.7

