

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050919\
 Data File : VX009468.D
 Acq On : 10 May 2019 07:42
 Operator : JC/SP
 Sample : K2782-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 09:07:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105334	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	78938	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.71	98	310854	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.13	95	116334	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68217	48.764	ug/l	100
3) Chloromethane	1.32	50	100017	52.367	ug/l	99
4) Vinyl Chloride	1.41	62	100834	54.142	ug/l	97
5) Bromomethane	1.64	94	60676	54.280	ug/l	96
6) Chloroethane	1.71	64	67282	56.269	ug/l	99
7) Trichlorofluoromethane	1.93	101	124966	55.201	ug/l	98
8) Diethyl Ether	2.19	74	57923	54.015	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74243	52.224	ug/l	99
10) Methyl Iodide	2.51	142	92490	55.444	ug/l	100
11) Tert butyl alcohol	3.05	59	123380	257.202	ug/l	100
12) 1,1-Dichloroethene	2.37	96	79828	56.043	ug/l	98
13) Acrolein	2.29	56	104763	241.149	ug/l	100
14) Allyl chloride	2.73	41	177922	51.256	ug/l	99
15) Acrylonitrile	3.14	53	314242	267.918	ug/l	99
16) Acetone	2.44	43	271309	243.813	ug/l	98
17) Carbon Disulfide	2.57	76	225302	56.338	ug/l	100
18) Methyl Acetate	2.77	43	117556	44.421	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	301806	54.563	ug/l	98
20) Methylene Chloride	2.85	84	94539	52.471	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	85112	55.097	ug/l	98
22) Diisopropyl ether	3.85	45	363738	54.487	ug/l	99
23) Vinyl Acetate	3.81	43	1433418	250.754	ug/l	100
24) 1,1-Dichloroethane	3.70	63	177279	53.832	ug/l	100
25) 2-Butanone	4.67	43	458114	264.925	ug/l	100
26) 2,2-Dichloropropane	4.59	77	84281	34.383	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	99570	54.001	ug/l	95
28) Bromochloromethane	5.02	49	65553	49.417	ug/l	99
29) Tetrahydrofuran	5.13	42	306762	275.680	ug/l	99
30) Chloroform	5.21	83	164728	55.306	ug/l	99
31) Cyclohexane	5.58	56	168853	55.111	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135599	54.689	ug/l	100
36) 1,1-Dichloropropene	5.80	75	123664	52.858	ug/l	99
37) Ethyl Acetate	4.83	43	155294	47.641	ug/l	99
38) Carbon Tetrachloride	5.78	117	113728	53.503	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147871	51.466	ug/l	100
40) Benzene	6.14	78	388575	53.667	ug/l	100
41) Methacrylonitrile	5.04	41	97862	50.434	ug/l	98
42) 1,2-Dichloroethane	6.19	62	140313	54.023	ug/l	99
43) Isopropyl Acetate	6.44	43	259635	49.795	ug/l	100
44) Trichloroethene	7.21	130	92371	52.771	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109875	53.592	ug/l	98
46) Dibromomethane	7.66	93	63167	53.056	ug/l	98
47) Bromodichloromethane	7.90	83	126422	53.233	ug/l	99
48) Methyl methacrylate	7.77	41	140293	54.234	ug/l	99
49) 1,4-Dioxane	7.74	88	47526	905.945	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	911663	267.507	ug/l	100
52) Toluene	8.78	92	238152	54.109	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138137	51.519	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	150330	50.654	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	95697	53.295	ug/l	98
56) Ethyl methacrylate	9.18	69	171055	53.367	ug/l	98
57) 1,3-Dichloropropane	9.37	76	168780	53.414	ug/l	100
59) 2-Hexanone	9.49	43	715007	267.132	ug/l	99
60) Dibromochloromethane	9.58	129	95180	54.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97788	53.951	ug/l	100
64) Tetrachloroethene	9.34	164	80855	51.246	ug/l	99
65) Chlorobenzene	10.14	112	242558	52.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89649	53.741	ug/l	98
67) Ethyl Benzene	10.25	91	450598	53.211	ug/l	99
68) m/p-Xylenes	10.36	106	332118	107.324	ug/l	100
69) o-Xylene	10.69	106	162545	53.237	ug/l	99
70) Stvrene	10.71	104	284934	53.693	ug/l	99
71) Bromoform	10.85	173	73475	54.200	ug/l #	100
73) Isopropylbenzene	11.02	105	427287	52.037	ug/l	99
74) N-amyl acetate	10.90	43	228075	47.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	161690	52.822	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179205	68.418	ug/l	81
77) Bromobenzene	11.26	156	108880	53.424	ug/l	98
78) n-propylbenzene	11.36	91	490806	52.338	ug/l	99
79) 2-Chlorotoluene	11.42	91	297776	51.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361892	52.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46826	45.742	ug/l	98
82) 4-Chlorotoluene	11.51	91	339493	51.942	ug/l	100
83) tert-Butylbenzene	11.77	119	355062	52.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	365606	52.683	ug/l	100
85) sec-Butylbenzene	11.94	105	410733	51.510	ug/l	99
86) p-Isopropyltoluene	12.06	119	372889	52.018	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189544	52.170	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190925	52.124	ug/l	100
89) n-Butylbenzene	12.38	91	327015	50.472	ug/l	99
90) Hexachloroethane	12.60	117	63706	52.164	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194674	52.607	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35994	52.418	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	133222	52.645	ug/l	99

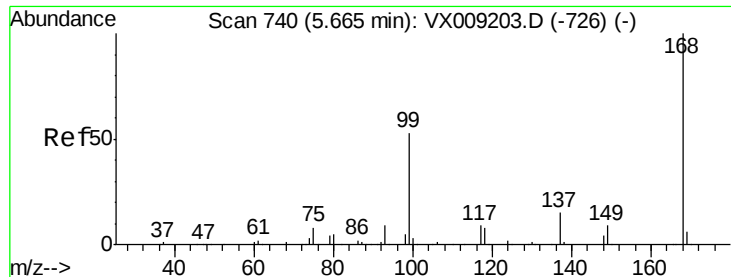
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	64148	49.640	ug/l	99
95) Naphthalene	13.83	128	437693	53.163	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134283	52.349	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: VX009468.D

Acq: 10 May 2019 07:42

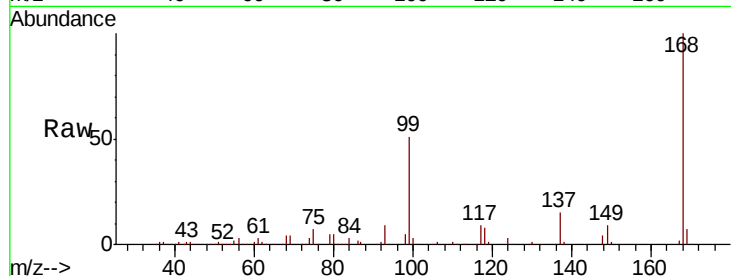
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 151808

Ion Ratio Lower Upper

168 100

99 51.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009468.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX009468.D (-691) (-)

5.67

60000

50000

40000

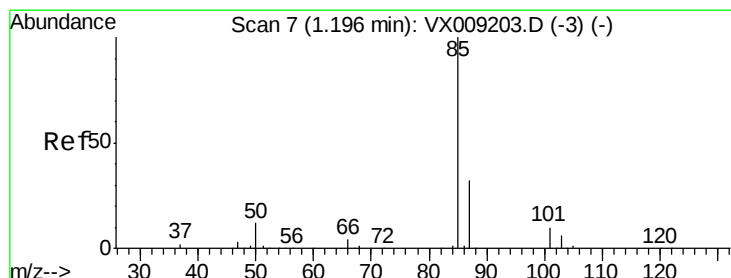
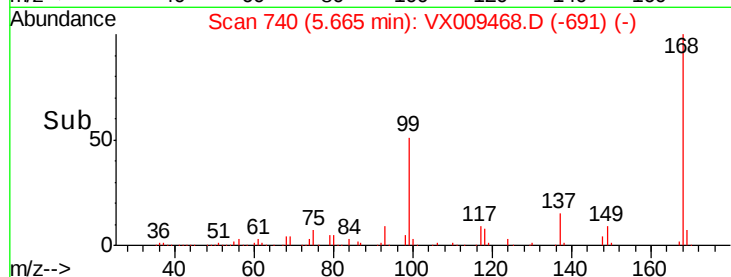
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.764 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009468.D

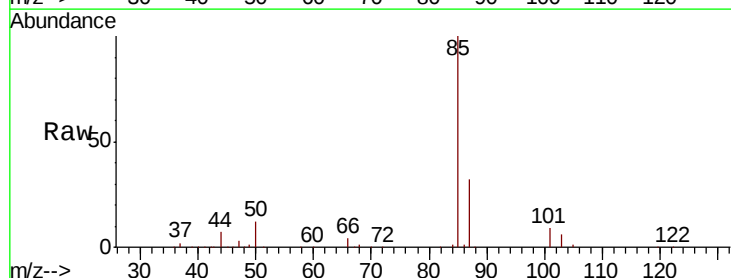
Acq: 10 May 2019 07:42

Tgt Ion: 85 Resp: 68217

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009468.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX009468.D (-1) (-)

1.20

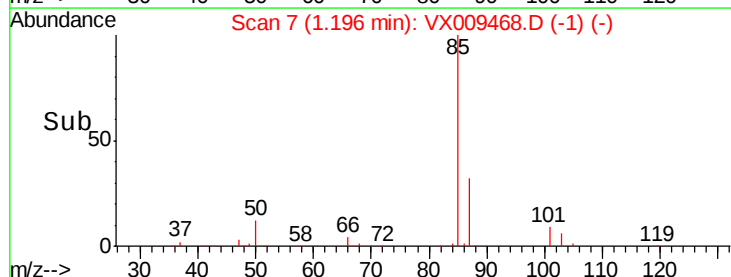
60000

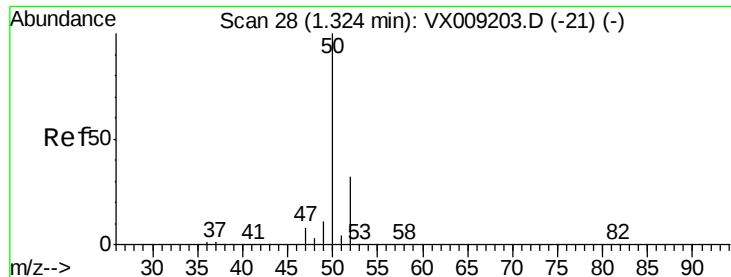
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 52.367 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

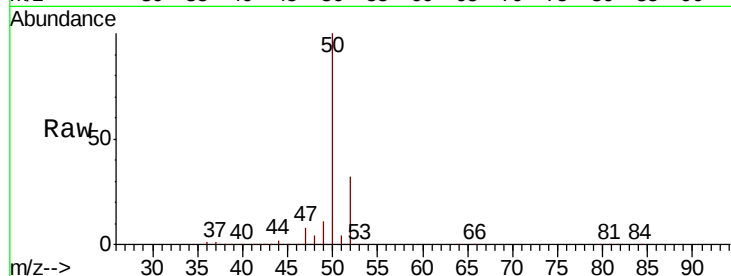
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 100017

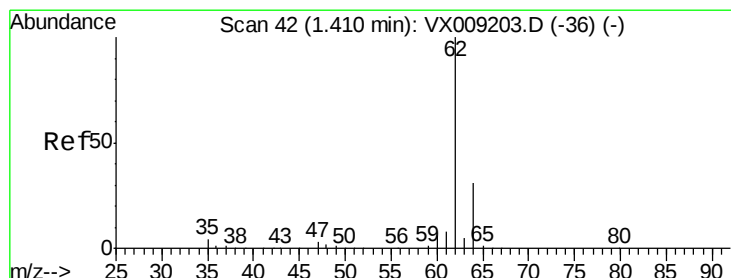
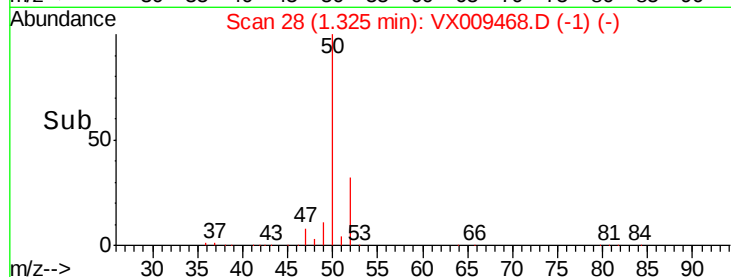
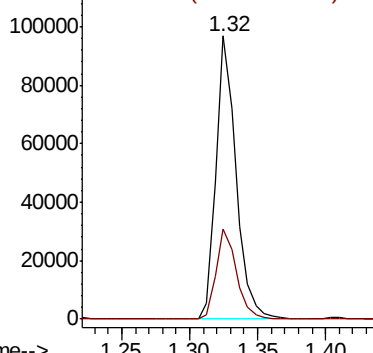
Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.142 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009468.D

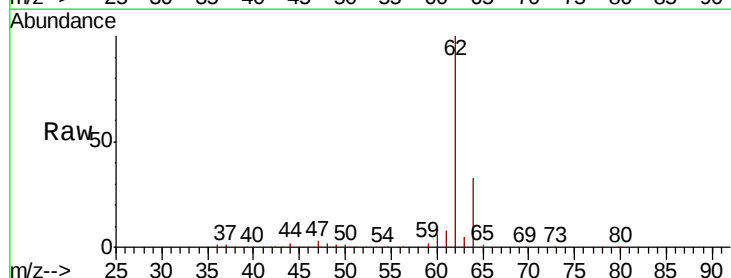
Acq: 10 May 2019 07:42

Tgt Ion: 62 Resp: 100834

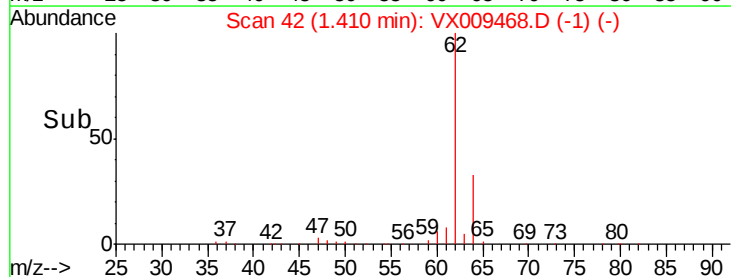
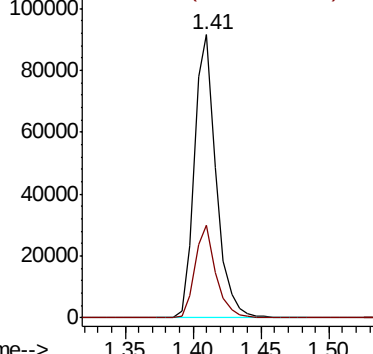
Ion Ratio Lower Upper

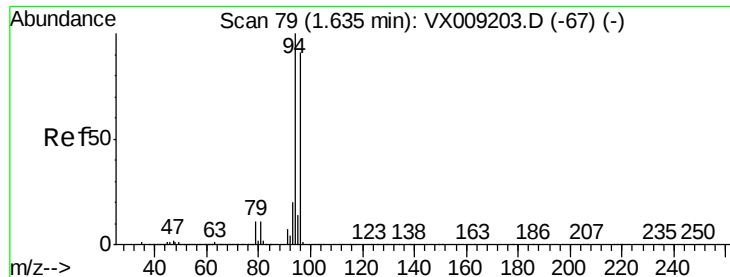
62 100

64 32.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.280 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

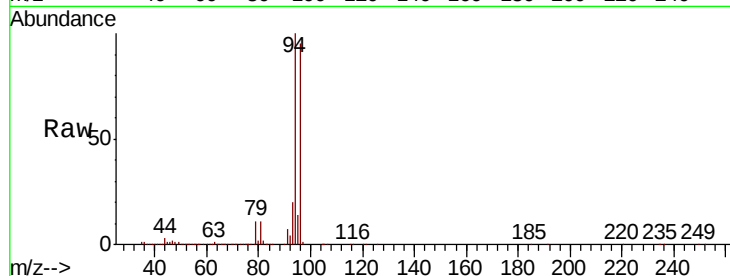
ClientSampleId :

Tot Ion: 94 Resp: 60676

Ion Ratio Lower Upper

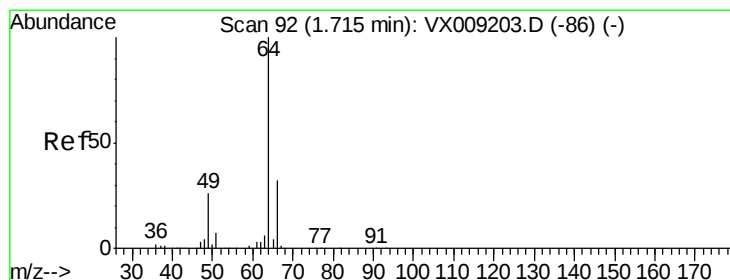
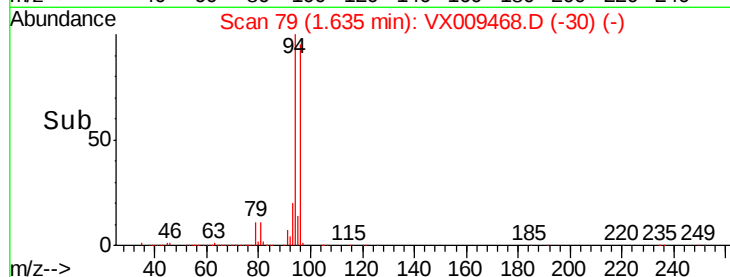
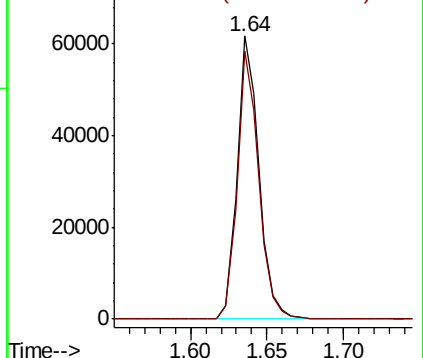
94 100

96 95.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.269 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009468.D

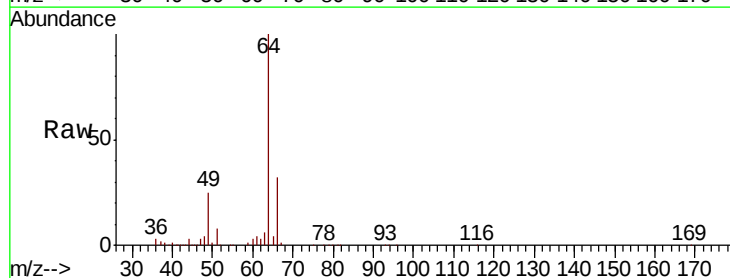
Acq: 10 May 2019 07:42

Tgt Ion: 64 Resp: 67282

Ion Ratio Lower Upper

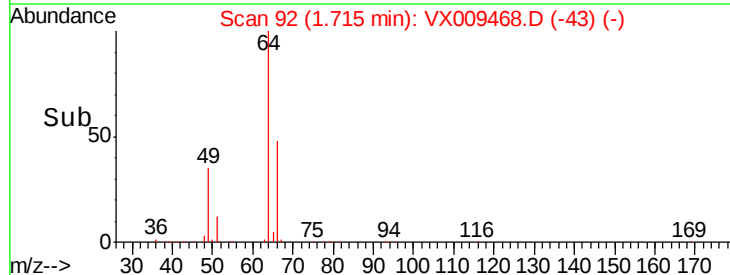
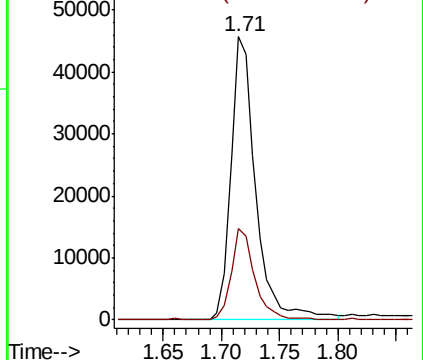
64 100

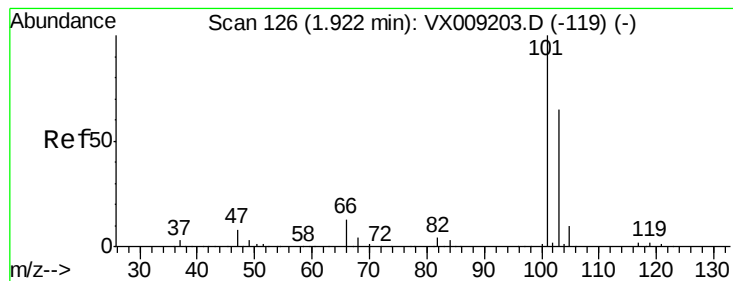
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



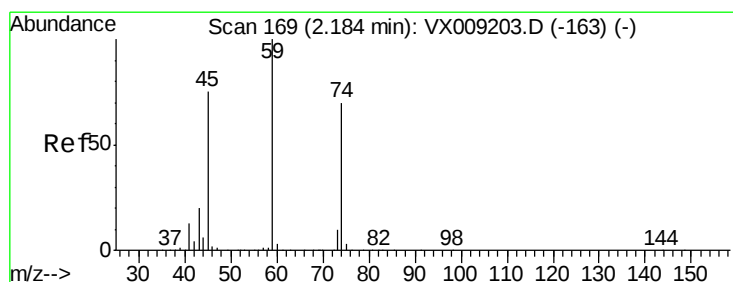
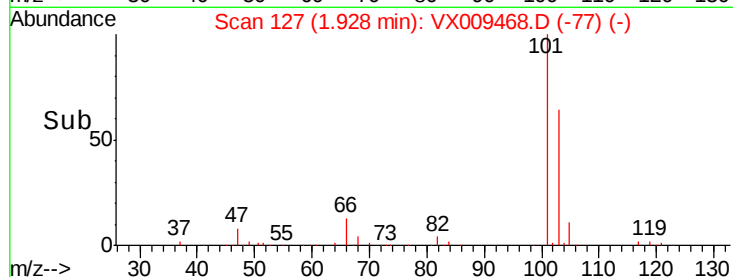
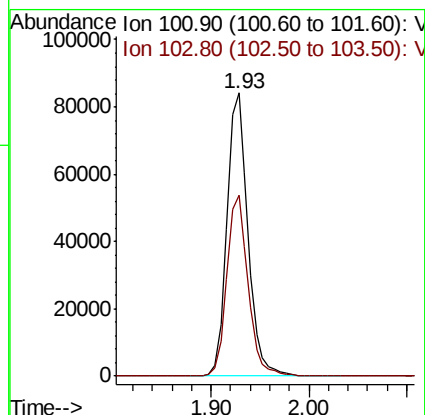
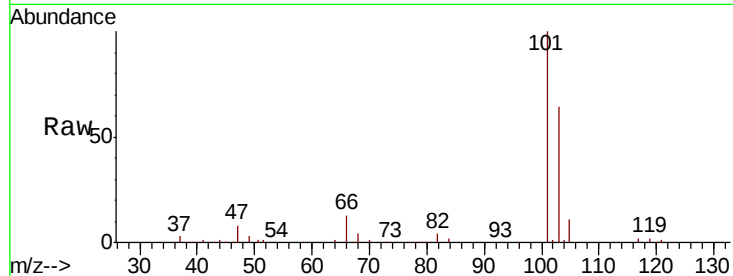


#7

Trichlorofluoromethane
 Concen: 55.201 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Instrument :
 MSVOA_X
 ClientSampleId :

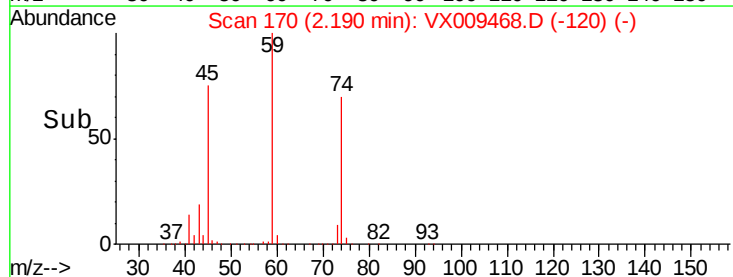
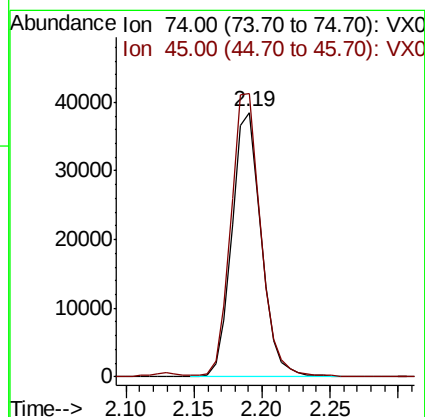
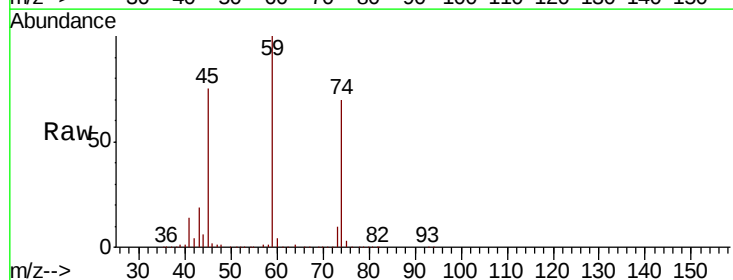
Tot Ion:101 Resp: 124966
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

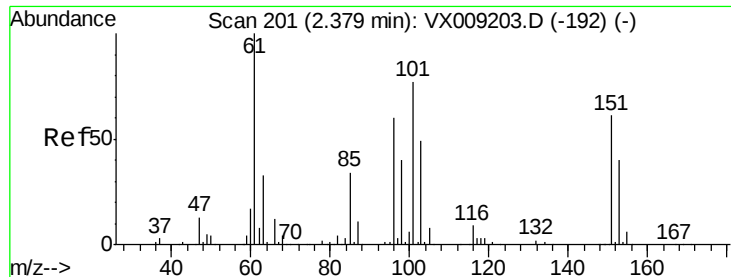


#8

Diethyl Ether
 Concen: 54.015 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion: 74 Resp: 57923
 Ion Ratio Lower Upper
 74 100
 45 107.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.224 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampled :

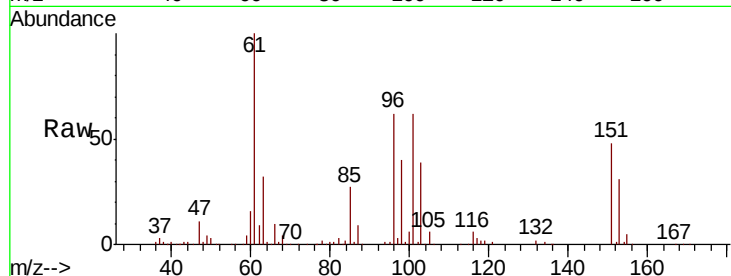
Tot Ion:101 Resp: 74243

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

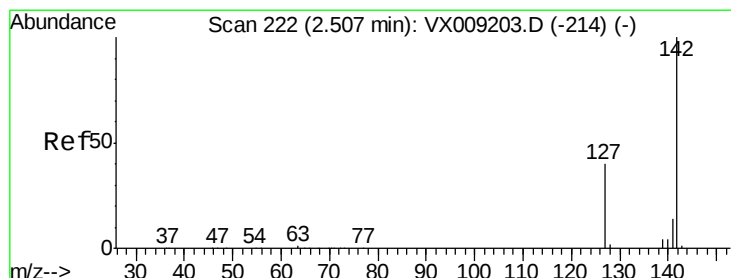
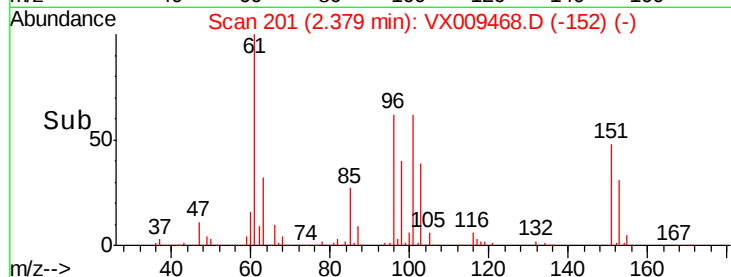
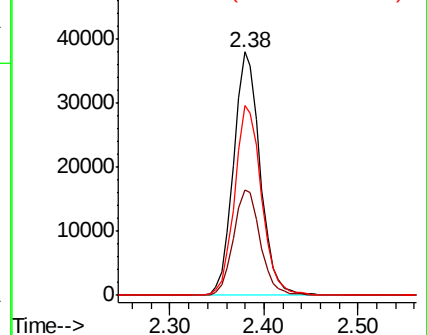
151 78.8 62.2 93.2



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: 55.444 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

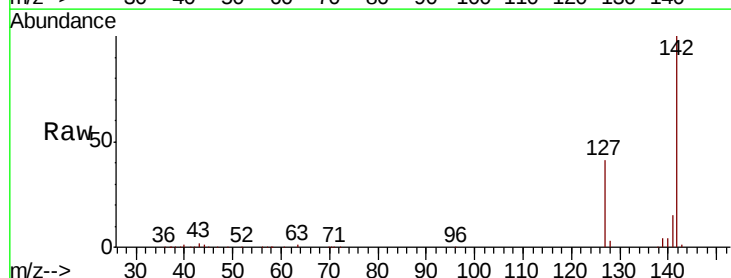
Tgt Ion:142 Resp: 92490

Ion Ratio Lower Upper

142 100

127 41.2 32.7 49.1

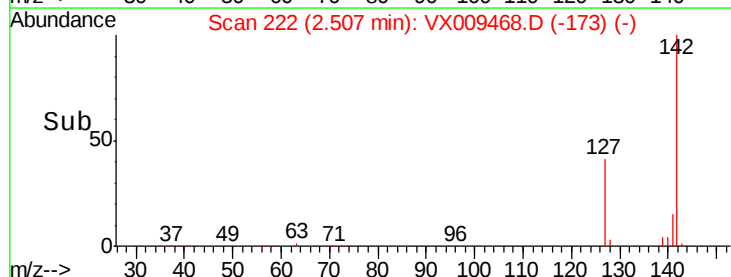
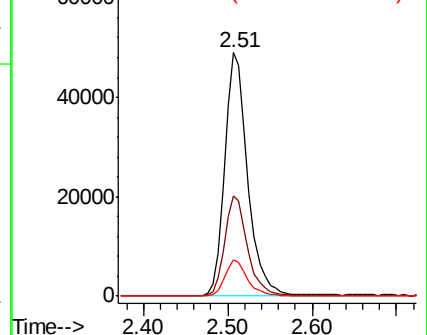
141 14.5 11.5 17.3

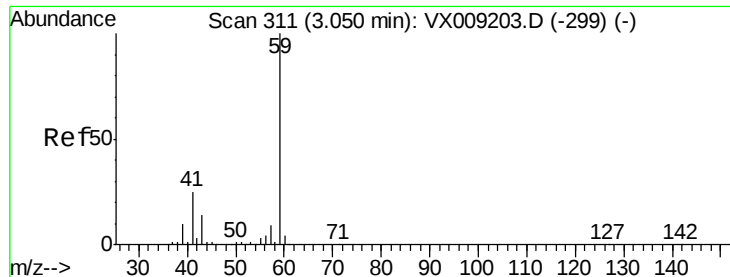


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

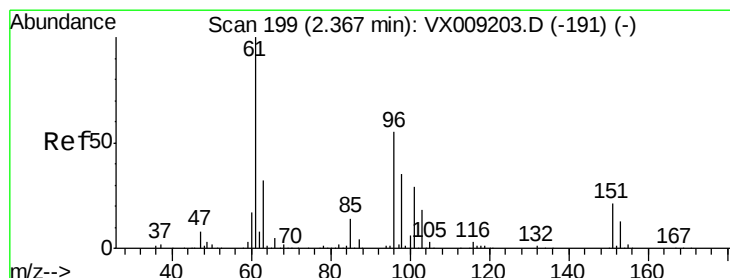
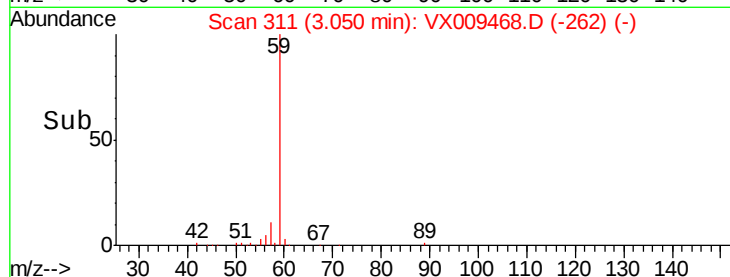
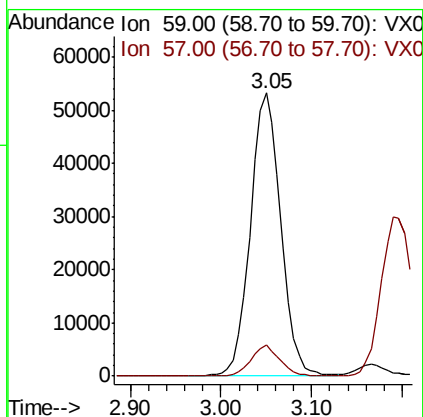
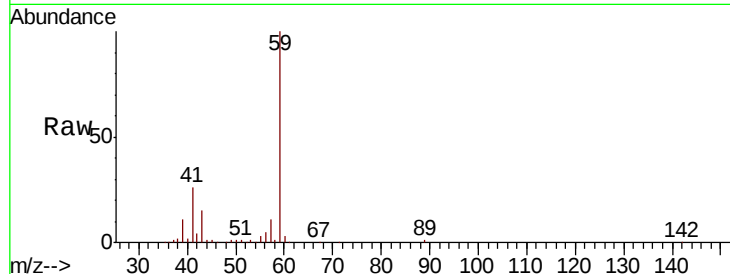




#11
Tert butyl alcohol
Concen: 257.202 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

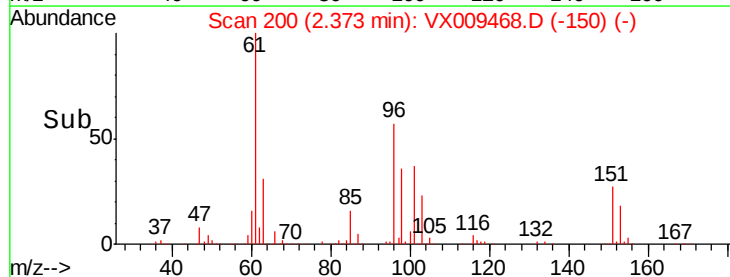
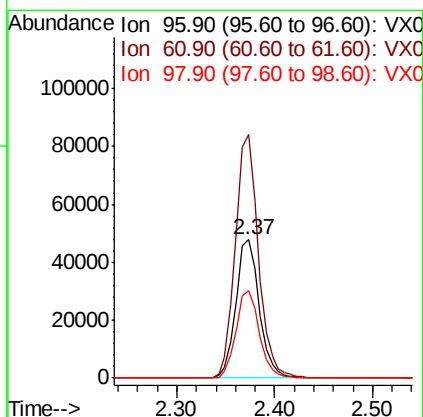
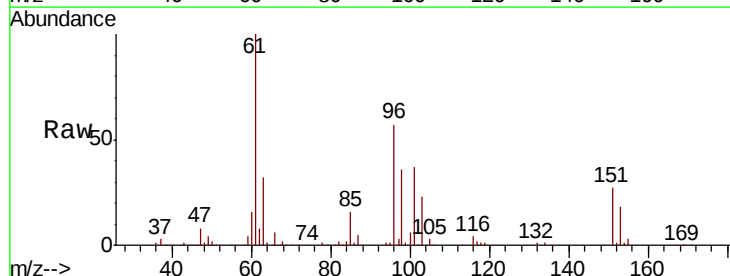
Instrument :
MSVOA_X
ClientSampled :

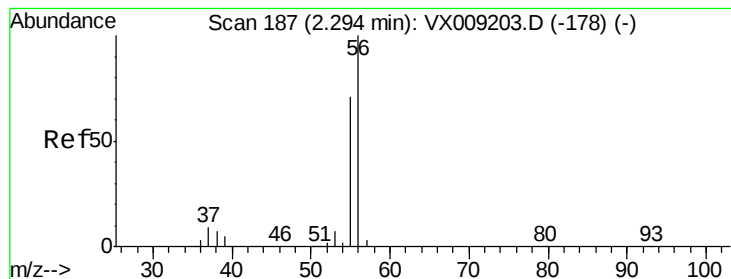
Tot Ion: 59 Resp: 123380
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 56.043 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 96 Resp: 79828
Ion Ratio Lower Upper
96 100
61 176.3 144.3 216.5
98 63.7 50.3 75.5





#13

Acrolein

Concen: 241.149 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

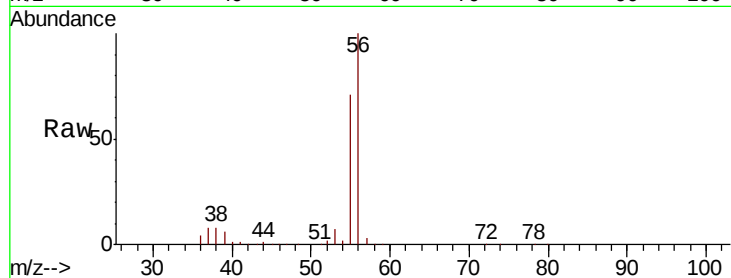
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 104763

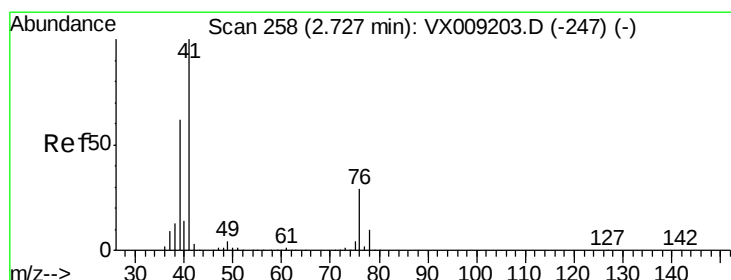
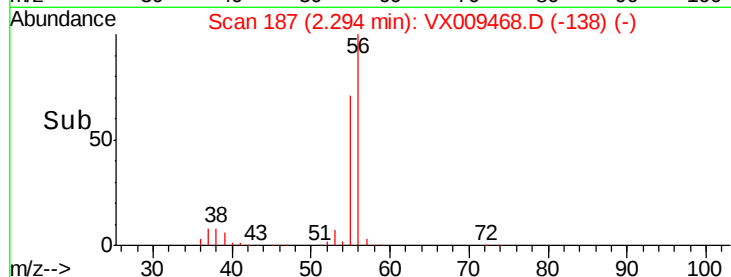
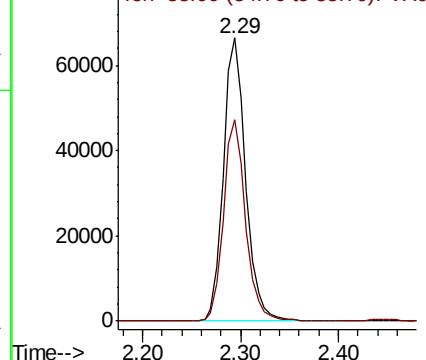
Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



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



#14

Allyl chloride

Concen: 51.256 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

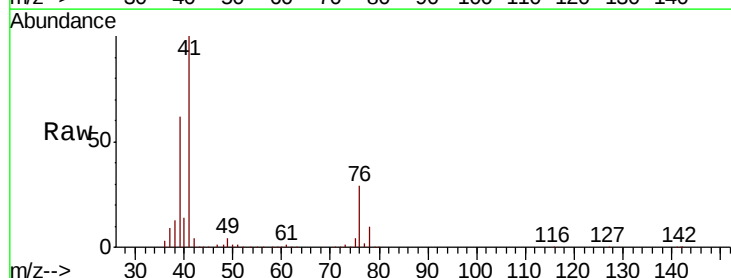
Tgt Ion: 41 Resp: 177922

Ion Ratio Lower Upper

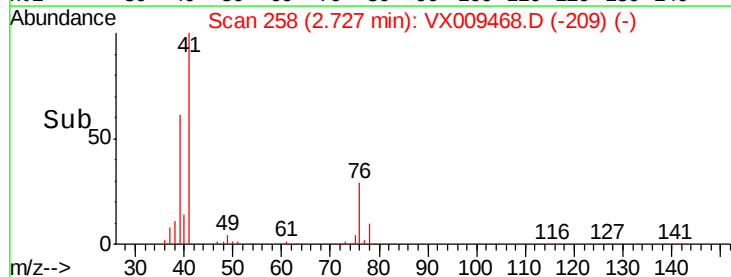
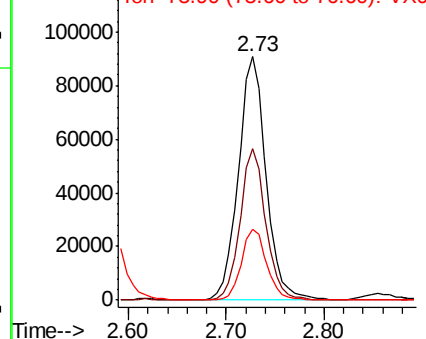
41 100

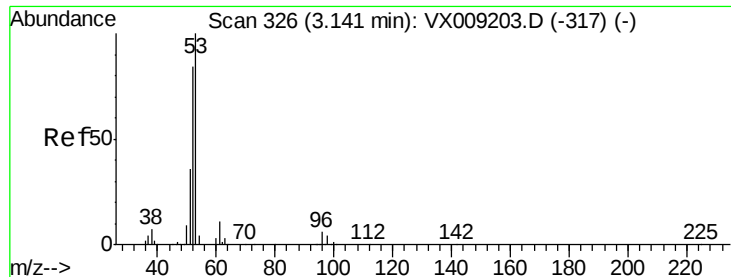
39 57.8 46.7 70.1

76 26.6 21.8 32.8



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: 267.918 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

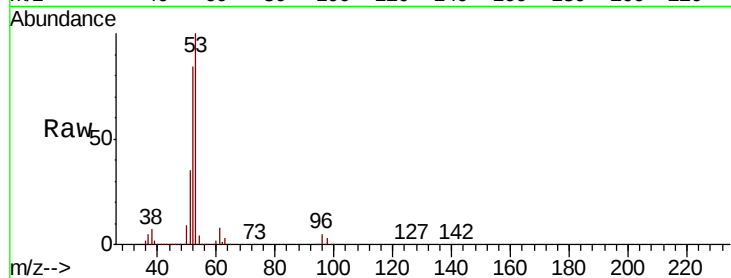
Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 314242

Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.9	100.3
51	35.6	28.2	42.2

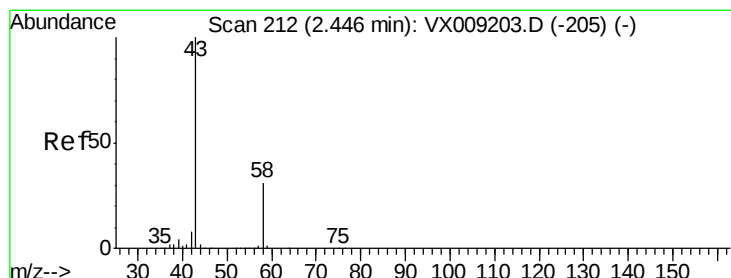
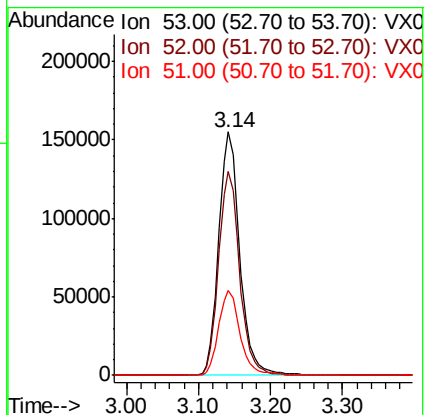
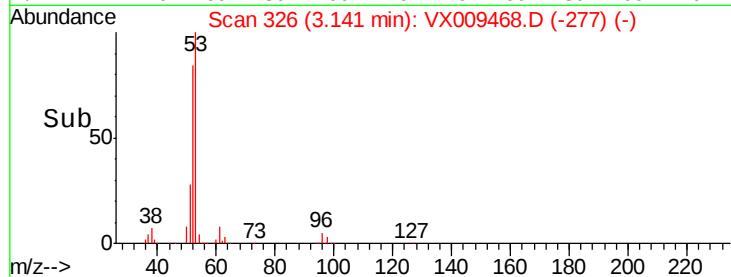


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.813 ug/l

RT: 2.44 min Scan# 211

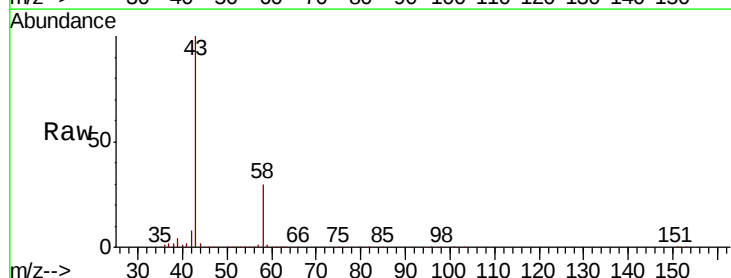
Delta R.T. -0.01 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Tgt Ion: 43 Resp: 271309

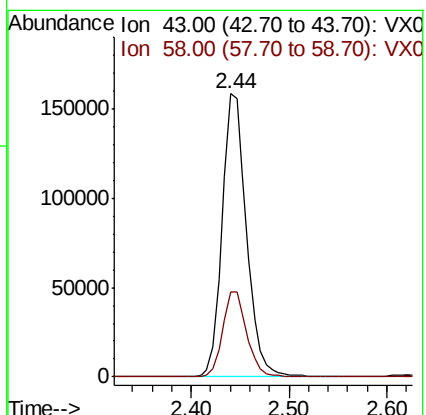
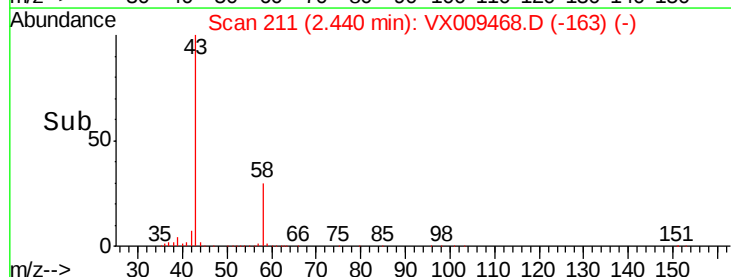
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3

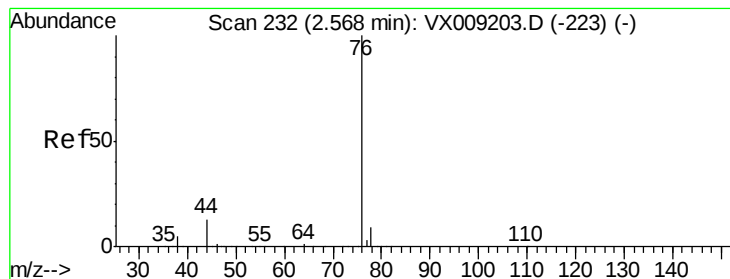


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 56.338 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

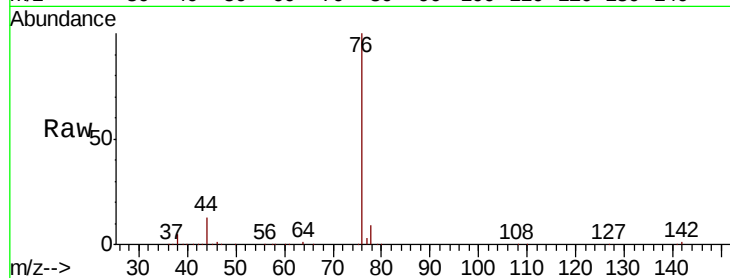
ClientSampled :

Tot Ion: 76 Resp: 225302

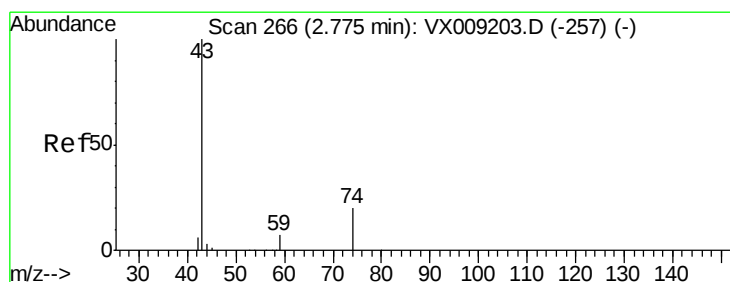
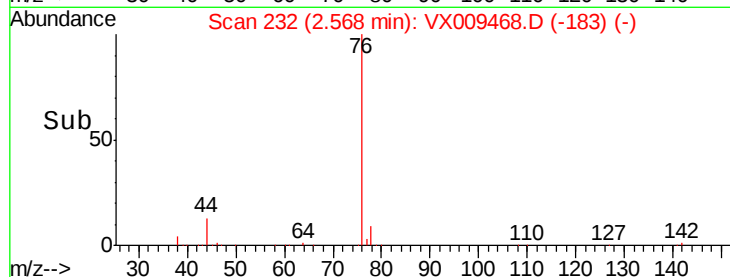
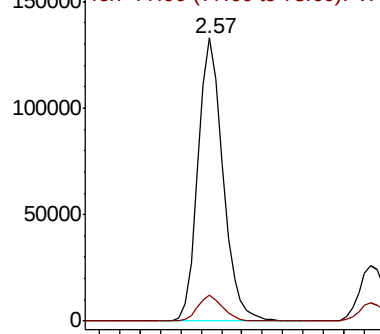
Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.421 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009468.D

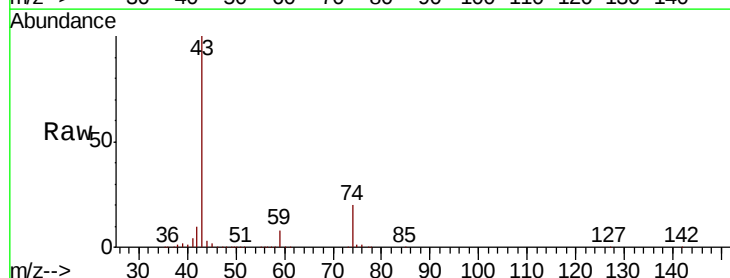
Acq: 10 May 2019 07:42

Tgt Ion: 43 Resp: 117556

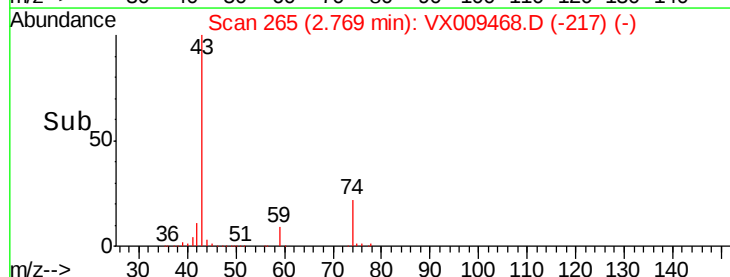
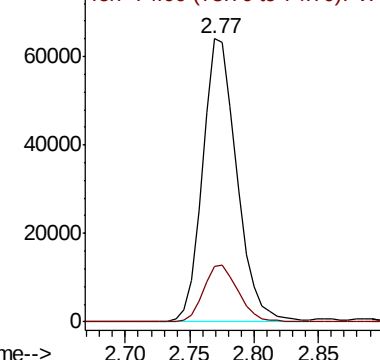
Ion Ratio Lower Upper

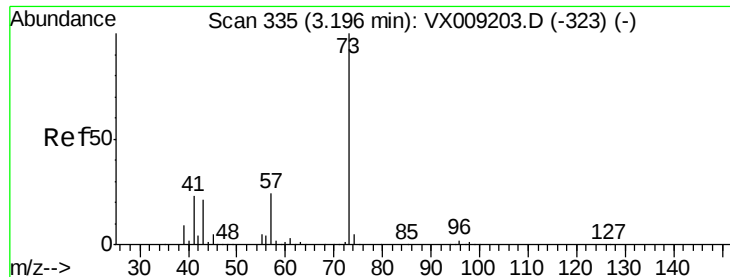
43 100

74 20.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

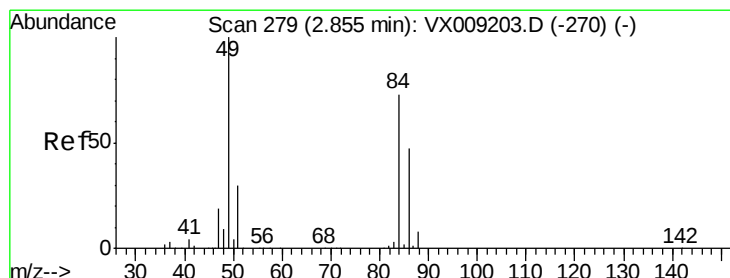
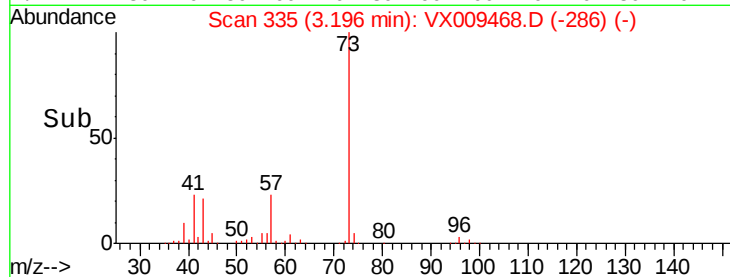
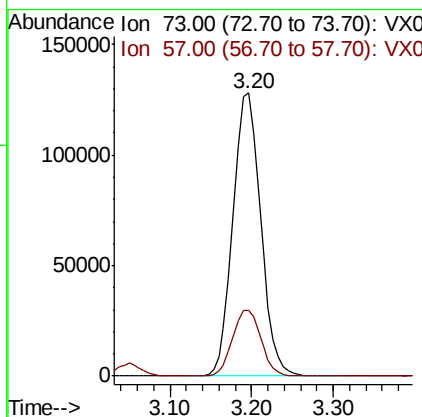
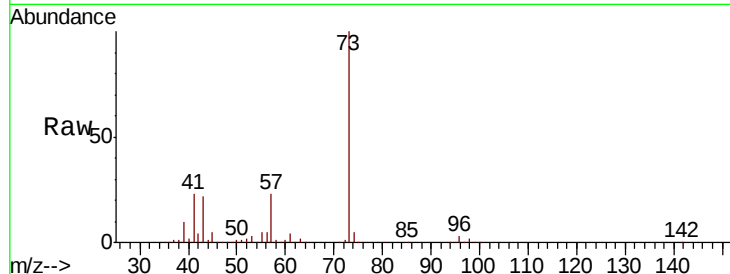




#19
Methyl tert-butyl Ether
Concen: 54.563 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

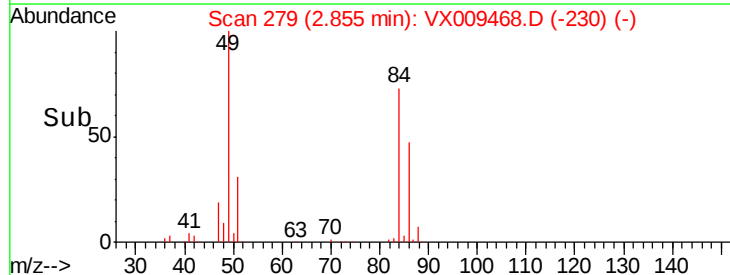
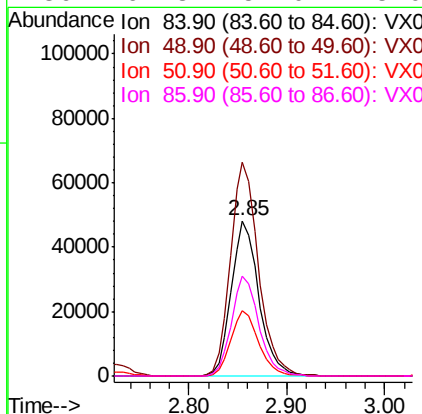
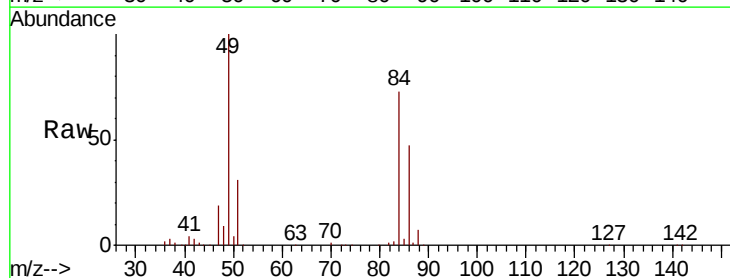
Instrument :
MSVOA_X
ClientSampled :

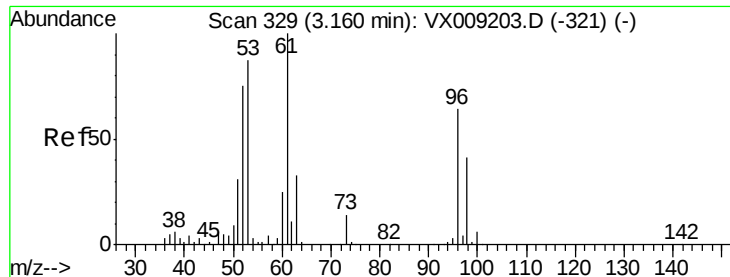
Tot Ion: 73 Resp: 301806
Ion Ratio Lower Upper
73 100
57 23.2 19.3 28.9



#20
Methylene Chloride
Concen: 52.471 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 84 Resp: 94539
Ion Ratio Lower Upper
84 100
49 137.6 109.9 164.9
51 42.4 32.7 49.1
86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 55.097 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

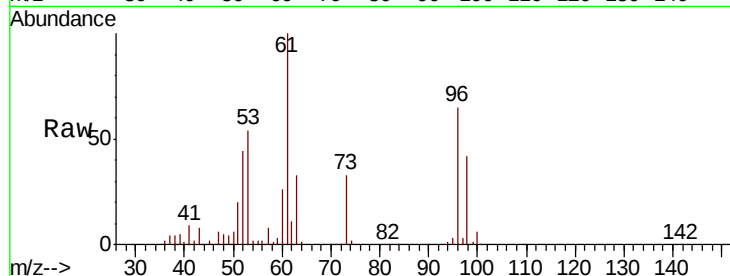
Tot Ion: 96 Resp: 85112

Ion Ratio Lower Upper

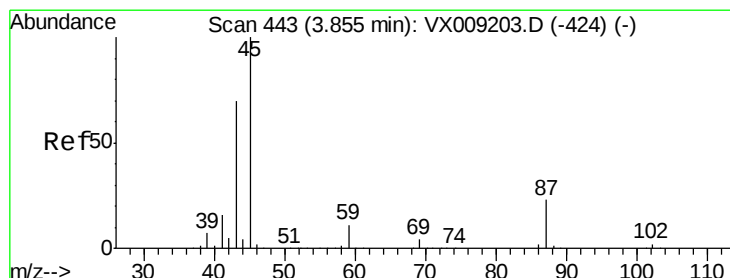
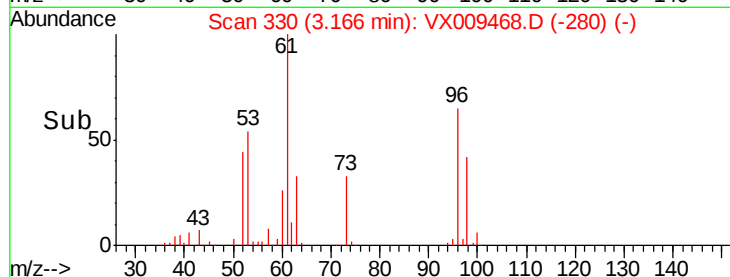
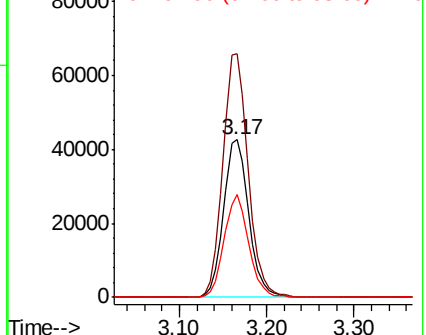
96 100

61 154.2 124.5 186.7

98 65.3 50.4 75.6



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: 54.487 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Tgt Ion: 45 Resp: 363738

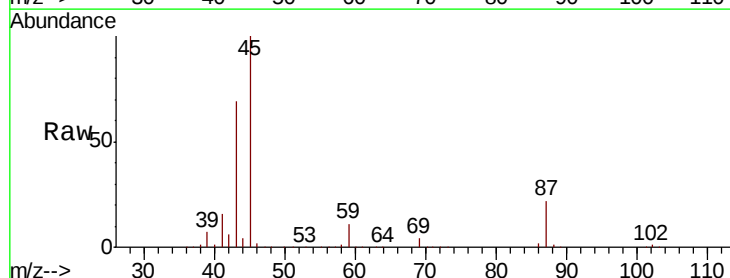
Ion Ratio Lower Upper

45 100

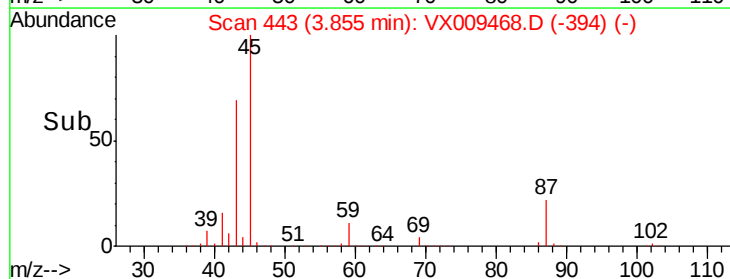
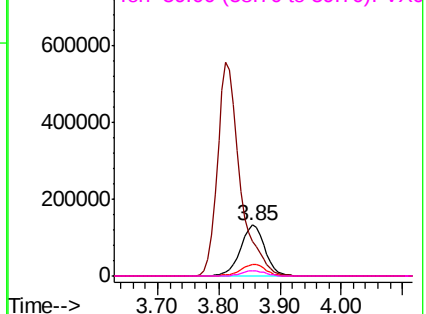
43 68.6 56.1 84.1

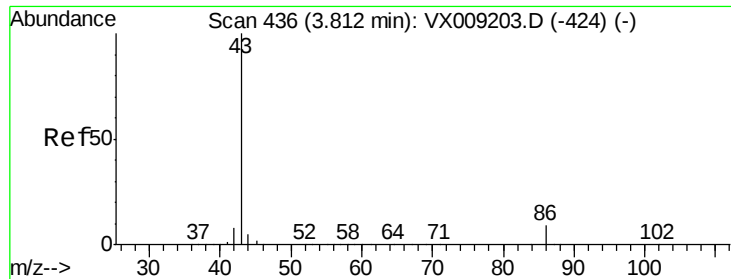
87 22.1 18.1 27.1

59 10.6 8.5 12.7



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: 250.754 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

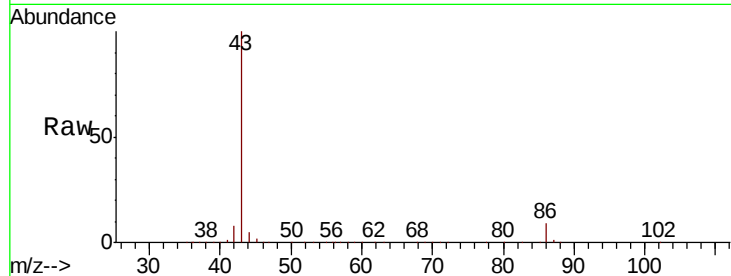
ClientSampleId :

Tot Ion: 43 Resp: 1433418

Ion Ratio Lower Upper

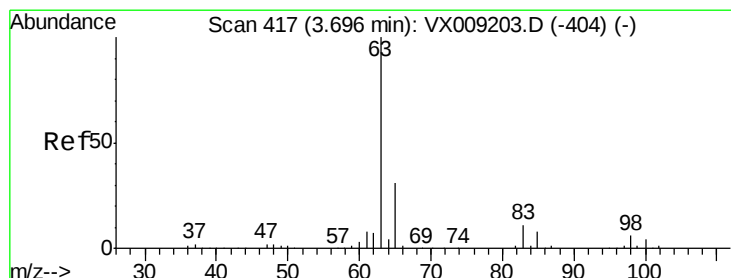
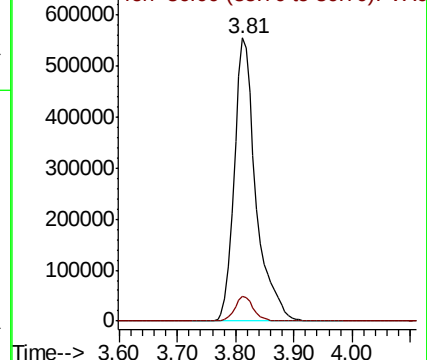
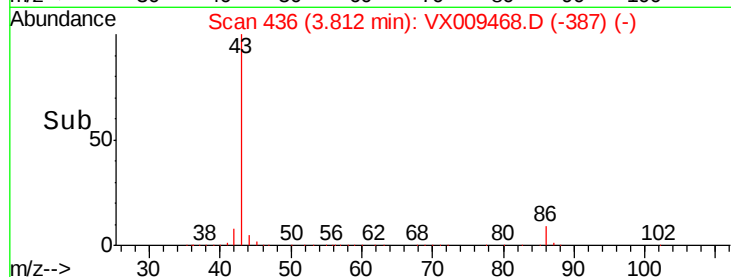
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009468.D (-387) (-)

Ion 86.00 (85.70 to 86.70): VX009468.D (-387) (-)



#24

1,1-Dichloroethane

Concen: 53.832 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

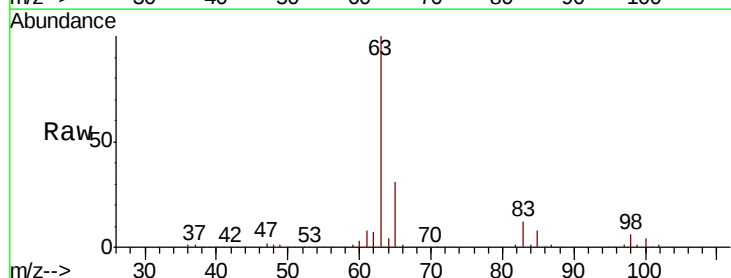
Tgt Ion: 63 Resp: 177279

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

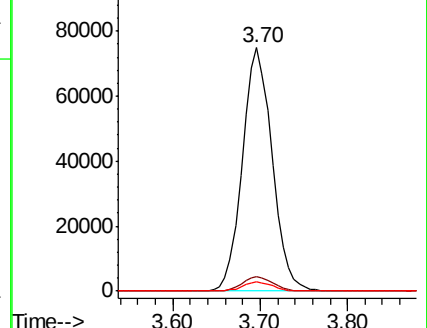
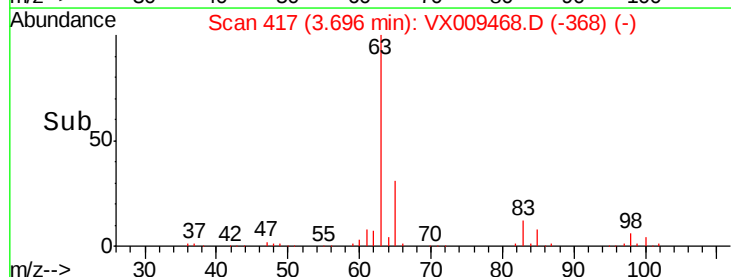
100 4.0 2.0 6.0

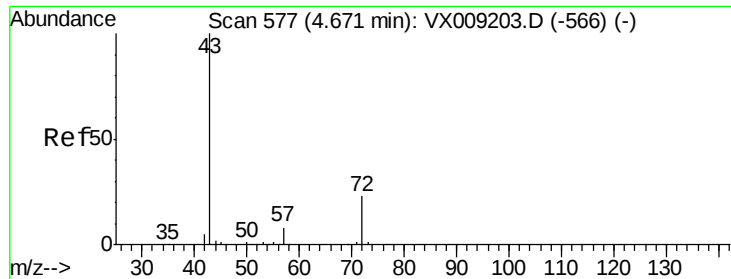


Abundance Ion 62.90 (62.60 to 63.60): VX009468.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX009468.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX009468.D (-368) (-)

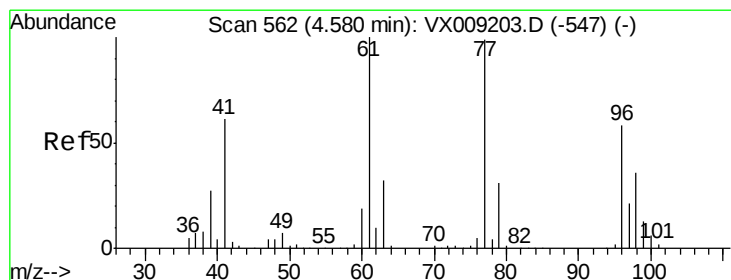
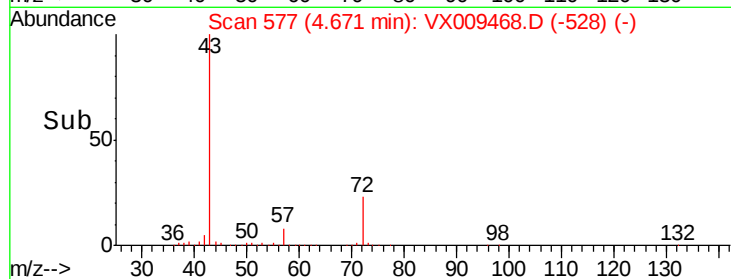
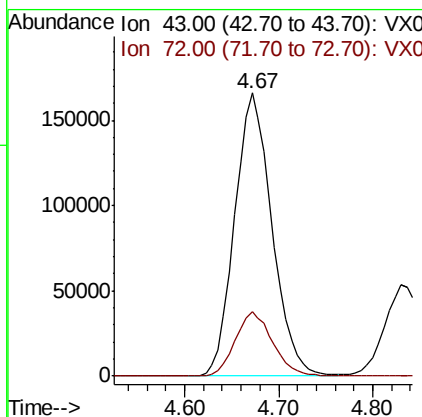
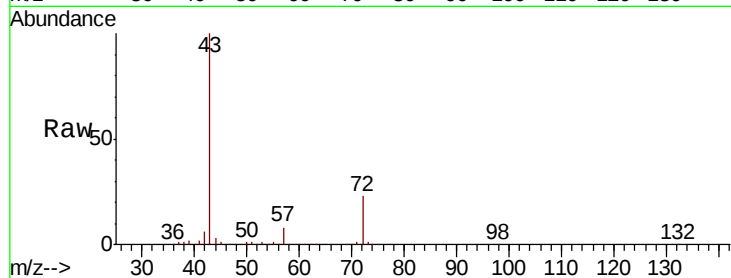




#25
2-Butanone
Concen: 264.925 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

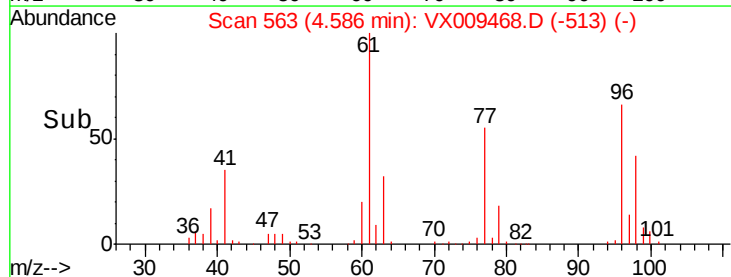
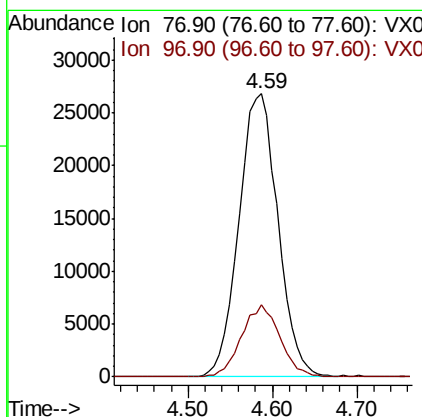
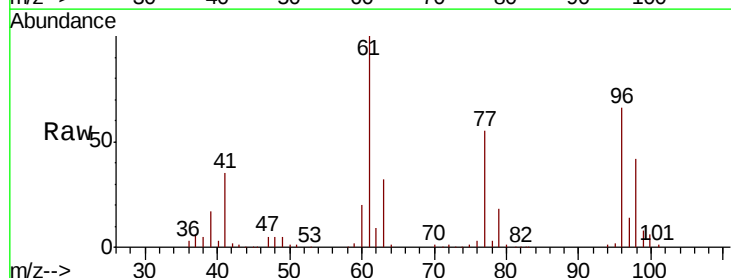
Instrument :
MSVOA_X
ClientSampleId :

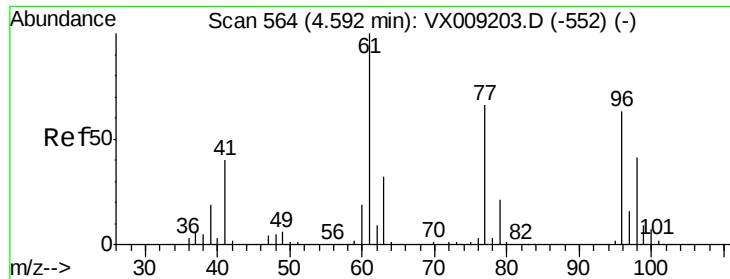
Tot Ion: 43 Resp: 458114
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2



#26
2,2-Dichloropropane
Concen: 34.383 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 77 Resp: 84281
Ion Ratio Lower Upper
77 100
97 24.9 11.5 34.4



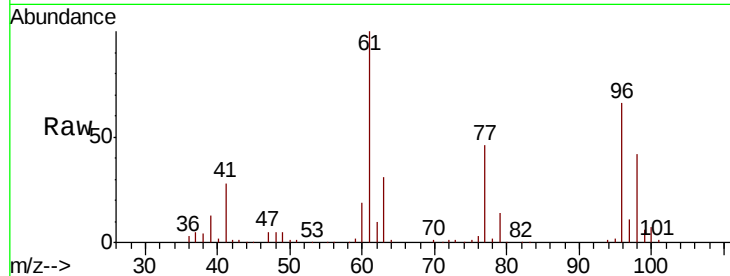


#27

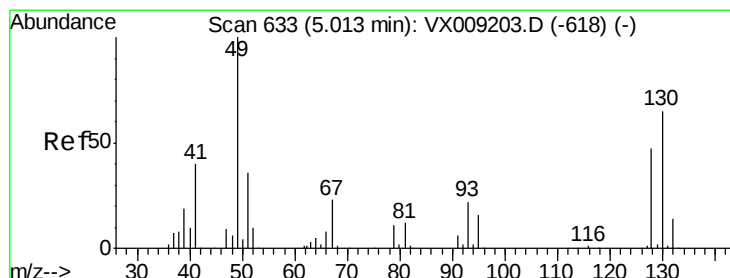
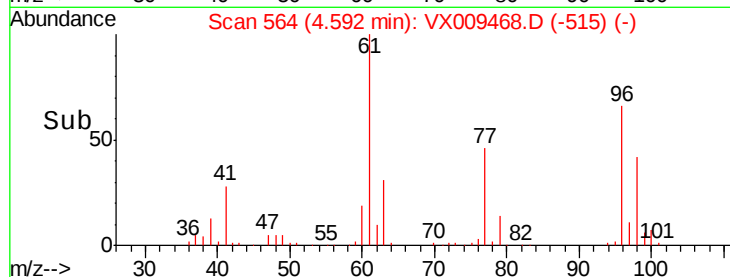
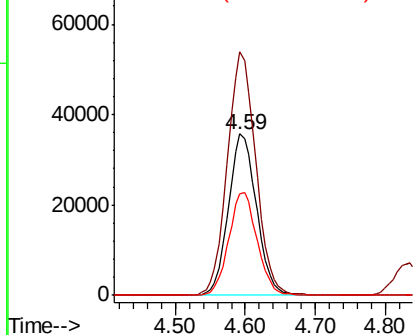
cis-1,2-Dichloroethene
 Concen: 54.001 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 99570
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 324.0
 98 64.4 0.0 130.4



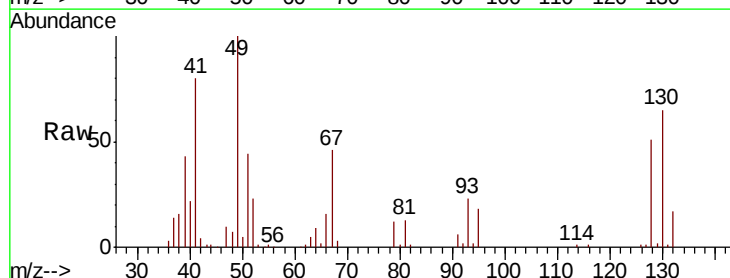
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



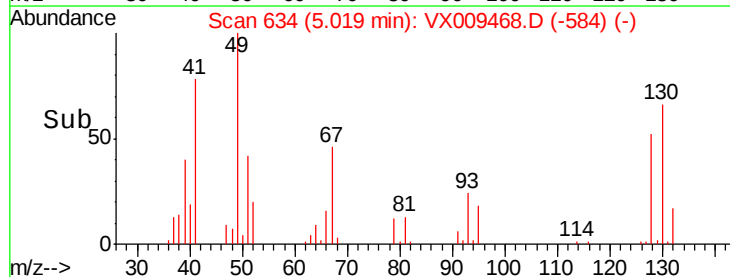
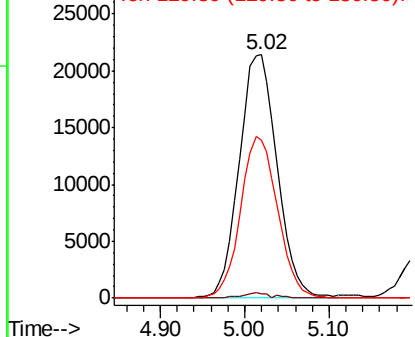
#28

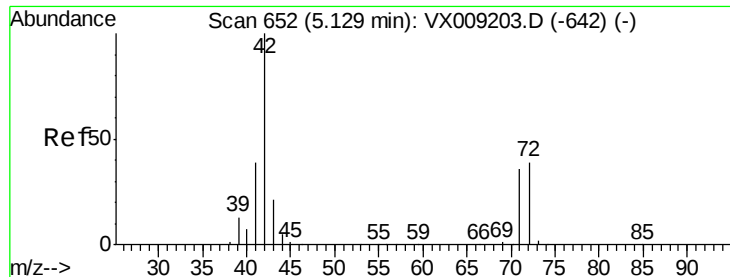
Bromochloromethane
 Concen: 49.417 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion: 49 Resp: 65553
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 64.6 51.2 76.8



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

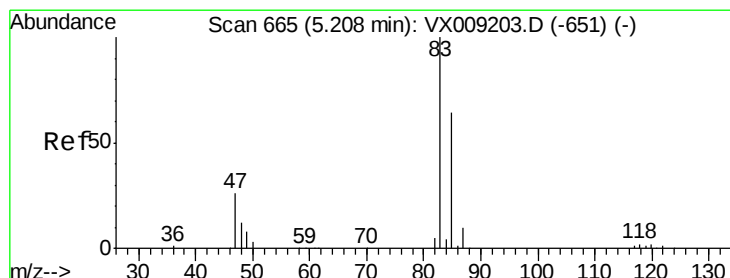
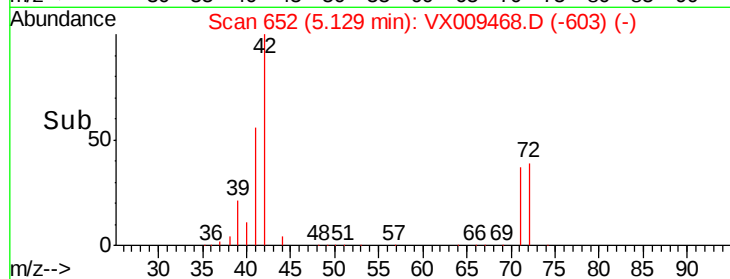
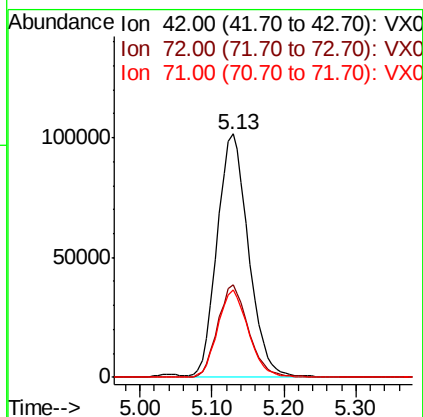
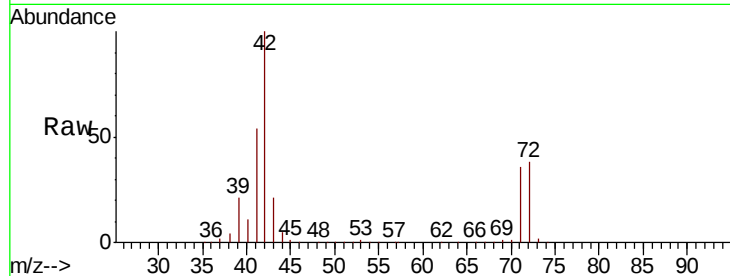




#29
Tetrahydrofuran
Concen: 275.680 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

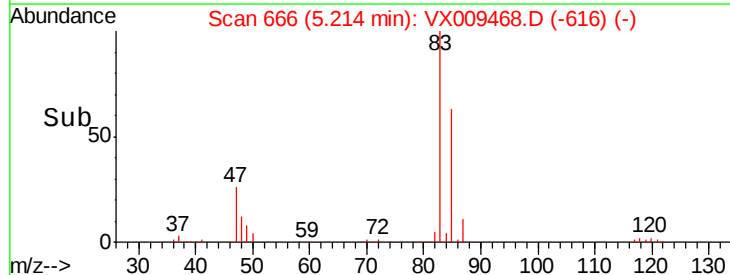
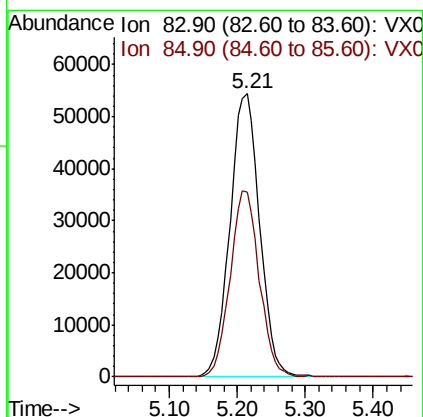
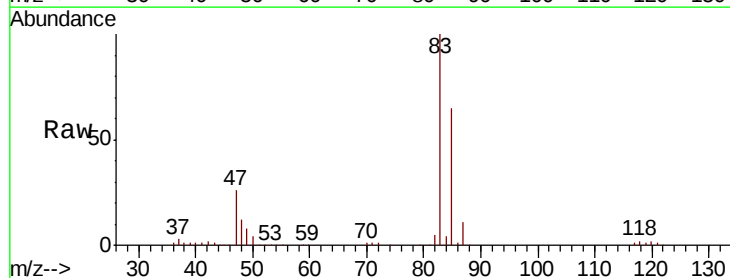
Instrument :
MSVOA_X
ClientSampleId :

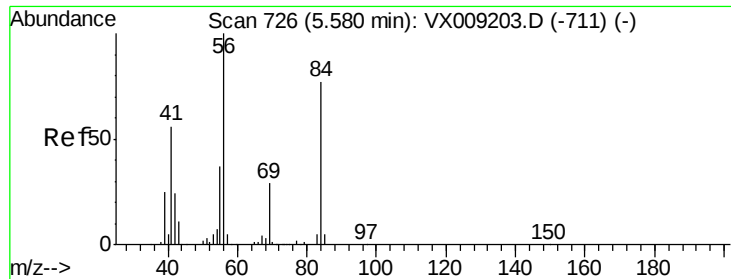
Tot Ion: 42 Resp: 306762
Ion Ratio Lower Upper
42 100
72 37.8 30.4 45.6
71 35.3 28.6 43.0



#30
Chloroform
Concen: 55.306 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 83 Resp: 164728
Ion Ratio Lower Upper
83 100
85 65.5 51.5 77.3

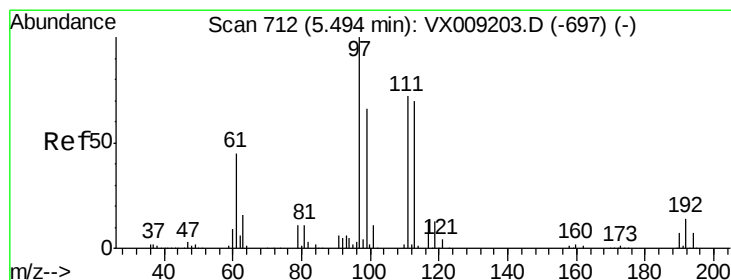
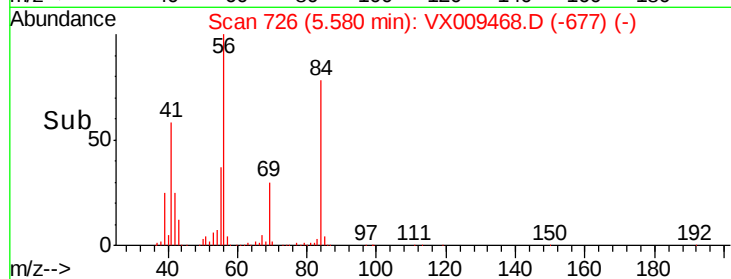
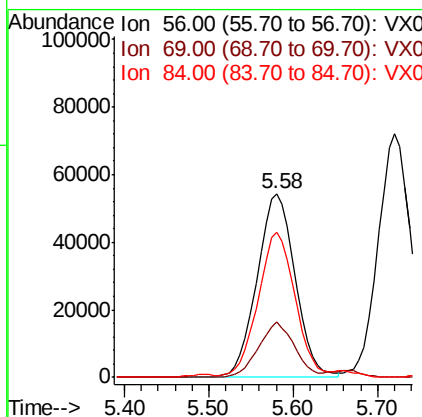
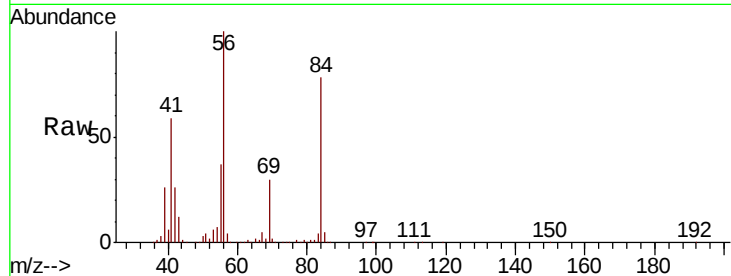




#31
Cyclohexane
Concen: 55.111 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

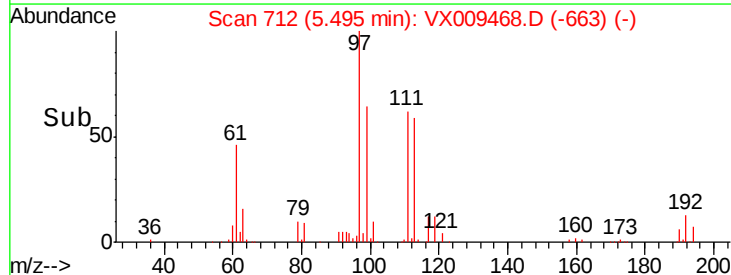
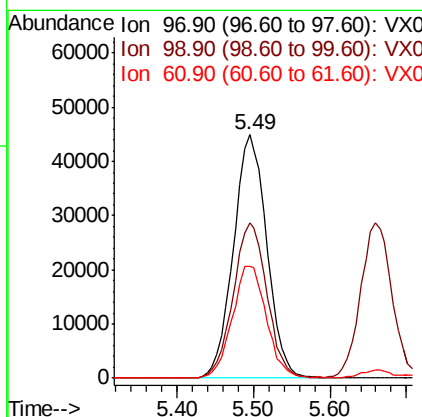
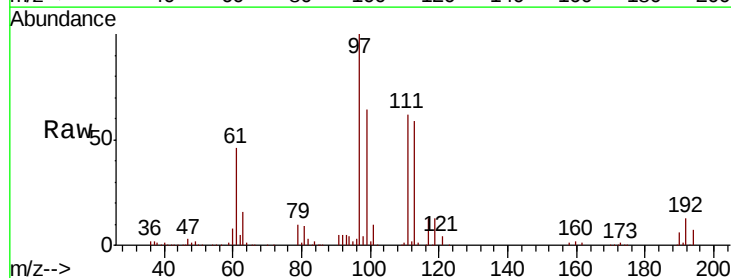
Instrument :
MSVOA_X
ClientSampleId :

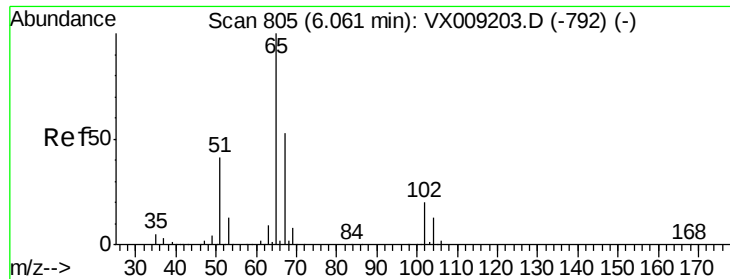
Tot Ion: 56 Resp: 168853
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.0
84 77.7 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 54.689 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 97 Resp: 135599
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 47.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 50.828 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

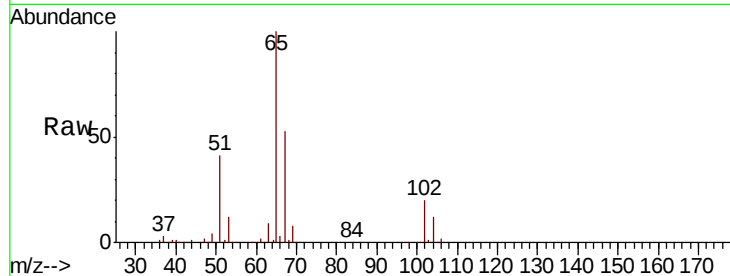
ClientSampleId :

Tot Ion: 65 Resp: 105334

Ion Ratio Lower Upper

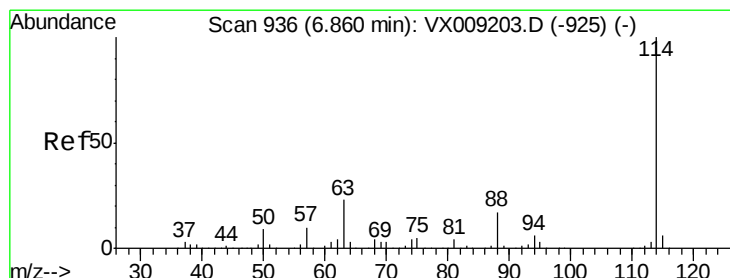
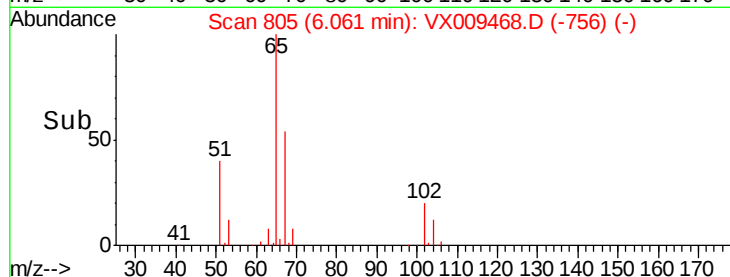
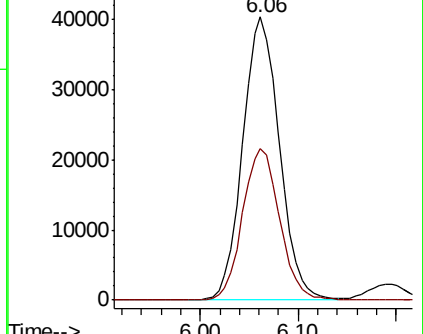
65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

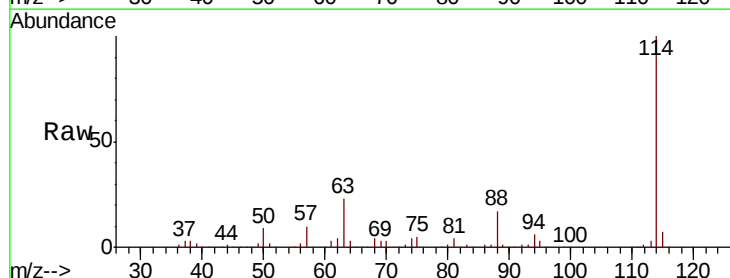
Tgt Ion: 114 Resp: 251750

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

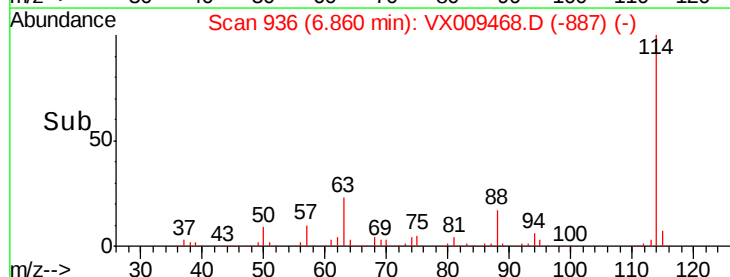
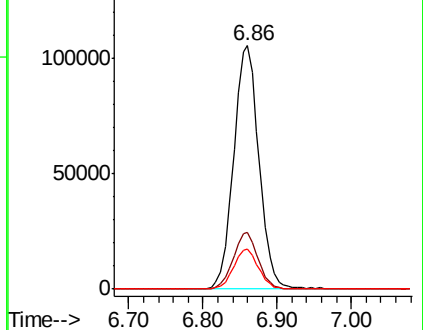
88 16.7 0.0 33.2

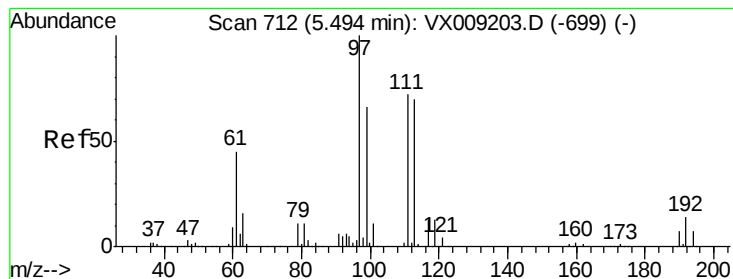


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.879 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampleId :

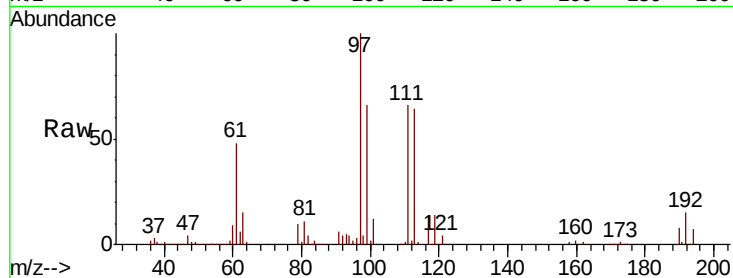
Tot Ion:113 Resp: 78938

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

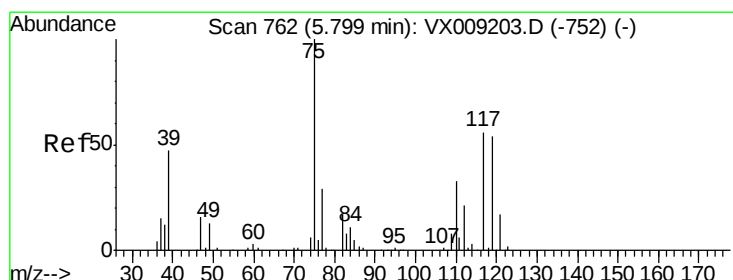
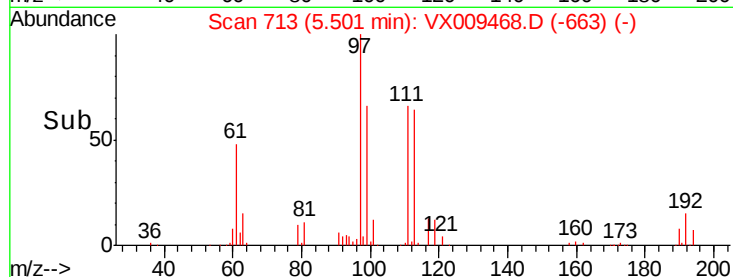
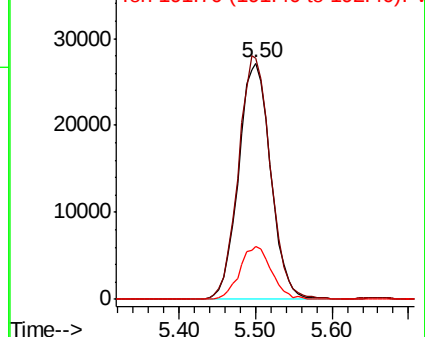
192 22.2 17.0 25.6



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: 52.858 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

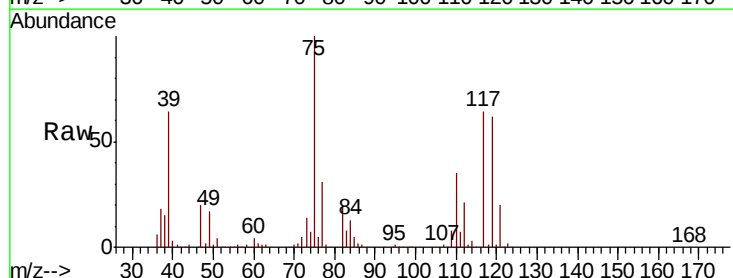
Tgt Ion: 75 Resp: 123664

Ion Ratio Lower Upper

75 100

110 34.3 16.9 50.6

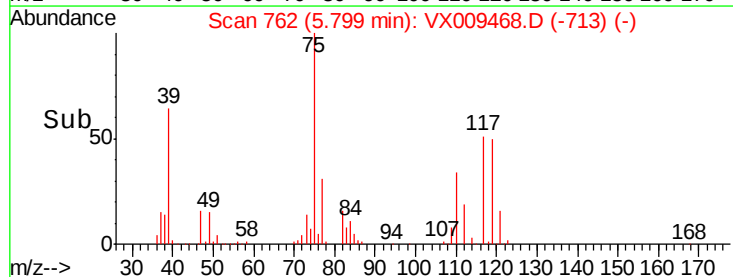
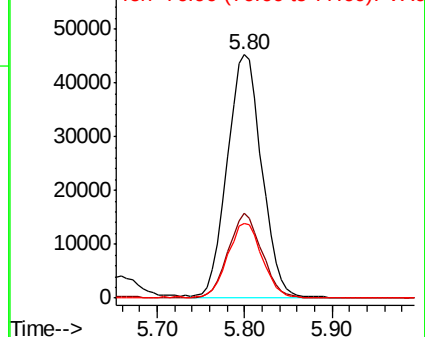
77 31.2 24.8 37.2

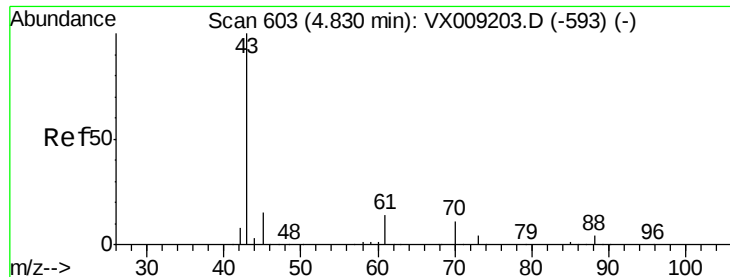


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.641 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

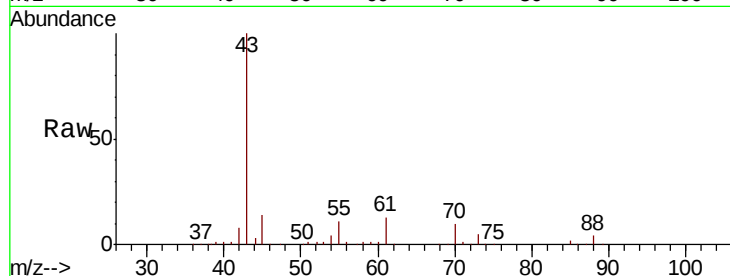
Tot Ion: 43 Resp: 155294

Ion Ratio Lower Upper

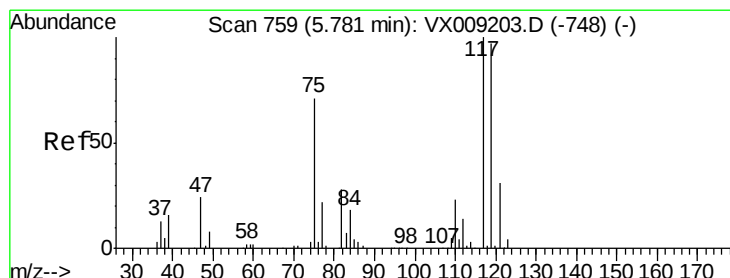
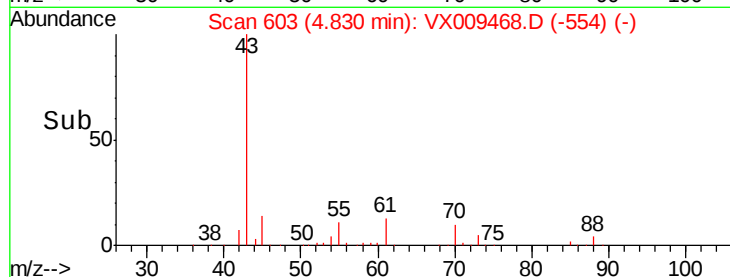
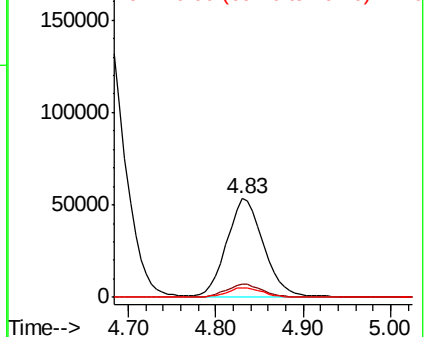
43 100

61 13.5 10.5 15.7

70 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.503 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

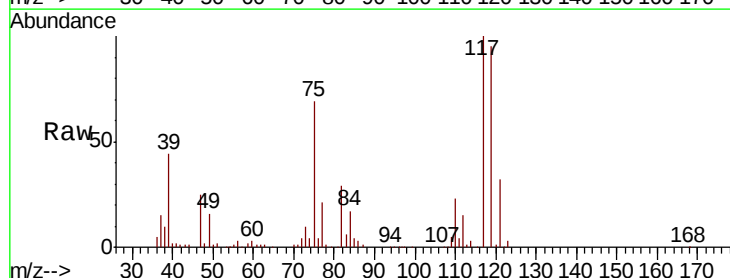
Tgt Ion: 117 Resp: 113728

Ion Ratio Lower Upper

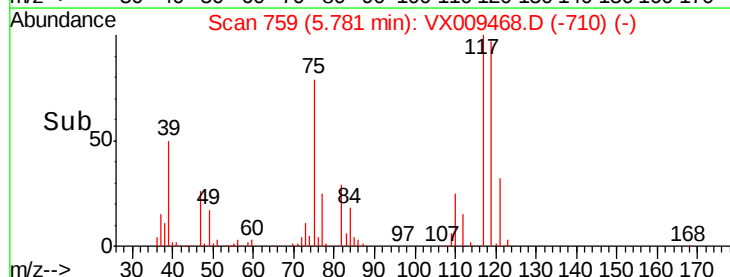
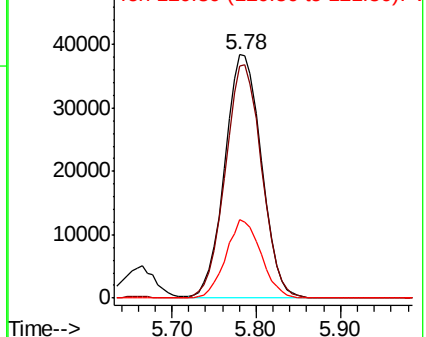
117 100

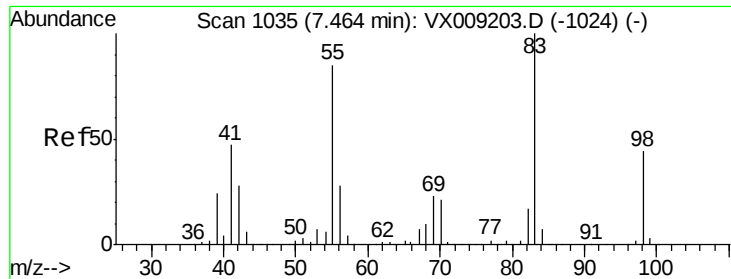
119 95.5 77.5 116.3

121 32.0 24.7 37.1



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

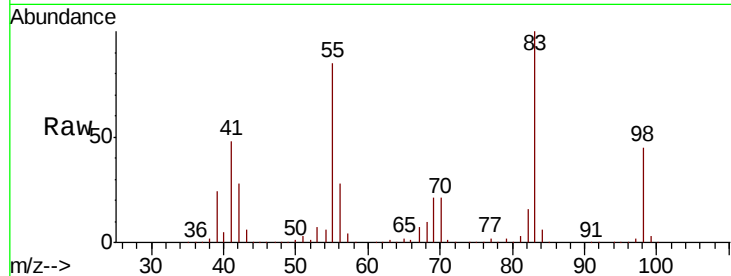




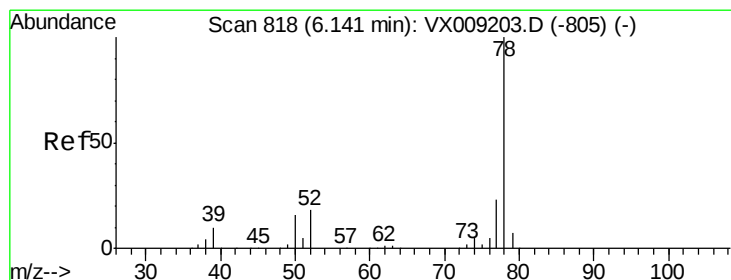
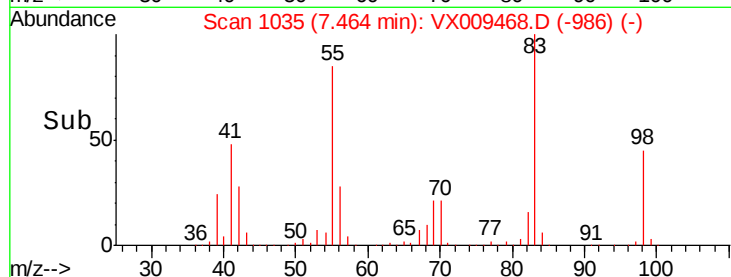
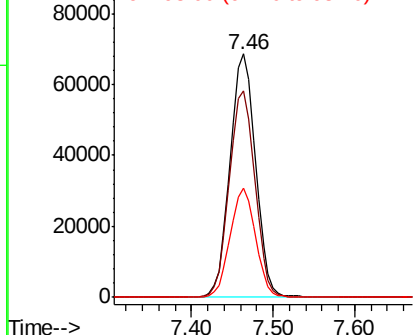
#39
Methvlcvclohexane
Concen: 51.466 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 147871
Ion Ratio Lower Upper
83 100
55 84.8 67.7 101.5
98 44.8 35.5 53.3

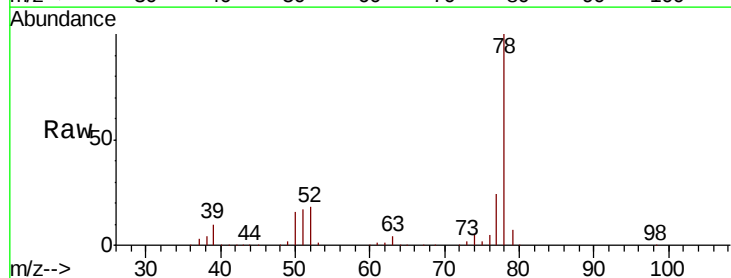


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

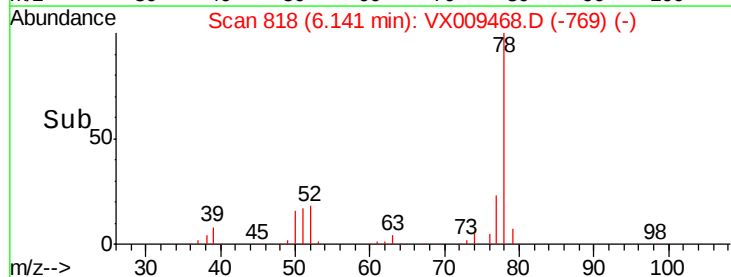
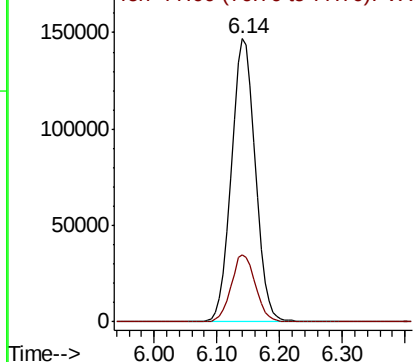


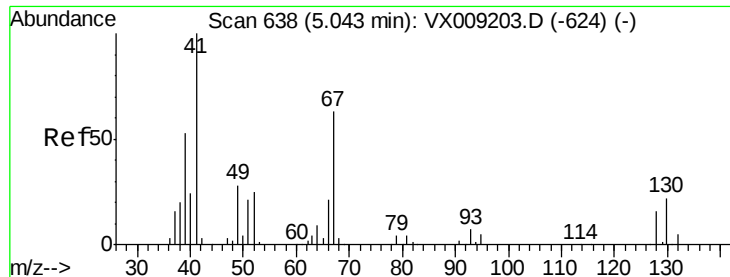
#40
Benzene
Concen: 53.667 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 78 Resp: 388575
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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





#41

Methacrylonitrile

Concen: 50.434 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 97862

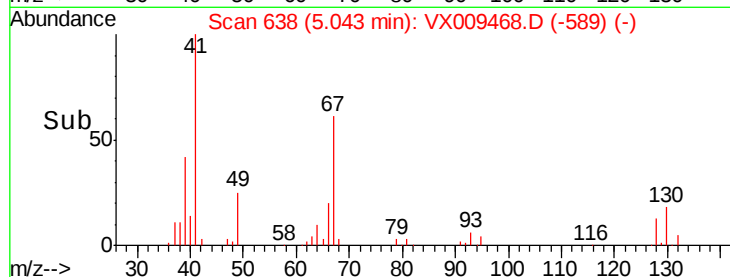
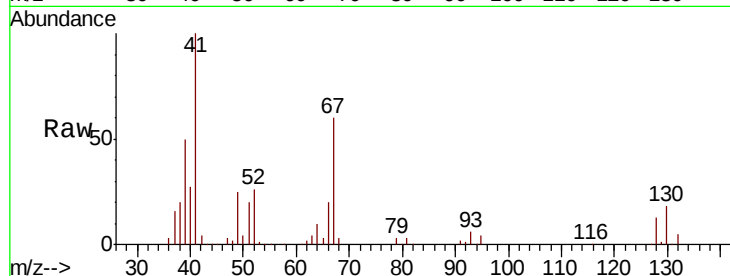
Ion Ratio Lower Upper

41 100

39 54.2 42.0 63.0

67 62.9 49.8 74.8

52 26.5 20.3 30.5

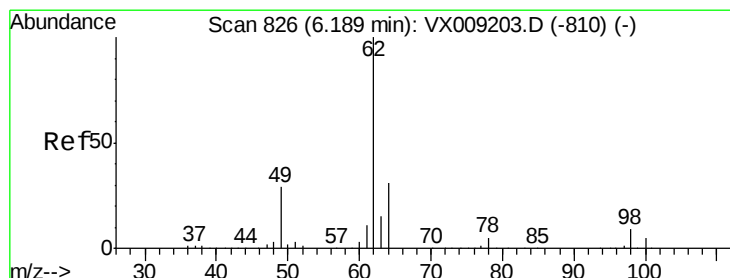
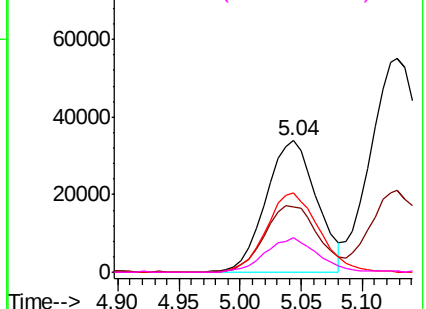


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.023 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009468.D

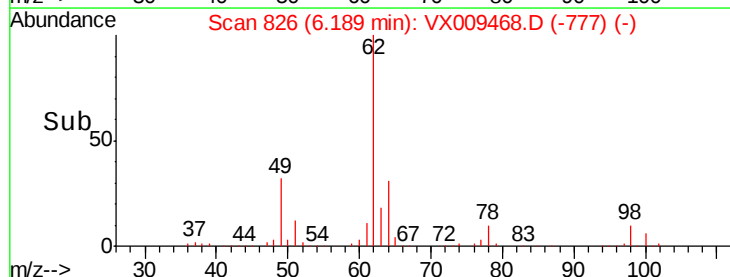
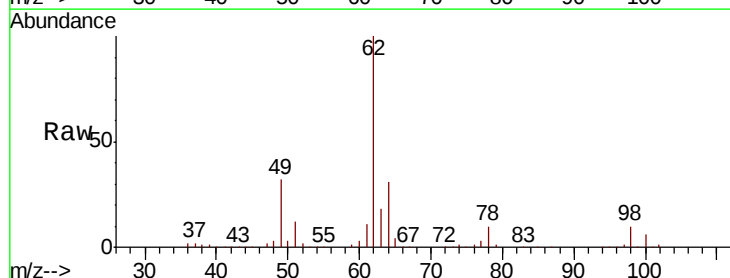
Acq: 10 May 2019 07:42

Tgt Ion: 62 Resp: 140313

Ion Ratio Lower Upper

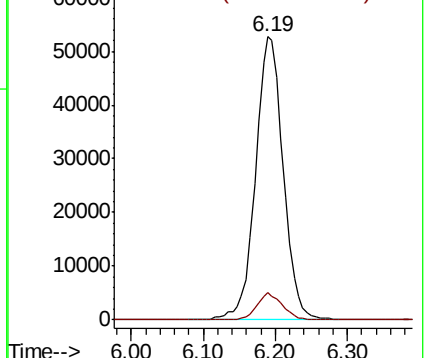
62 100

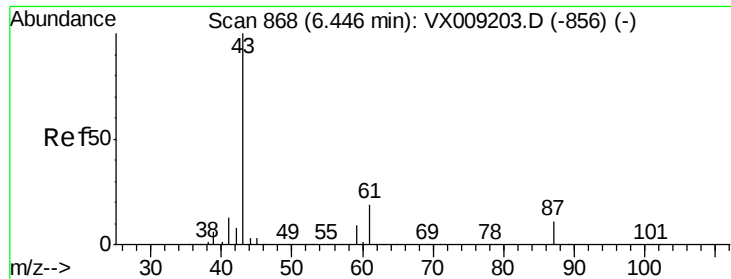
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



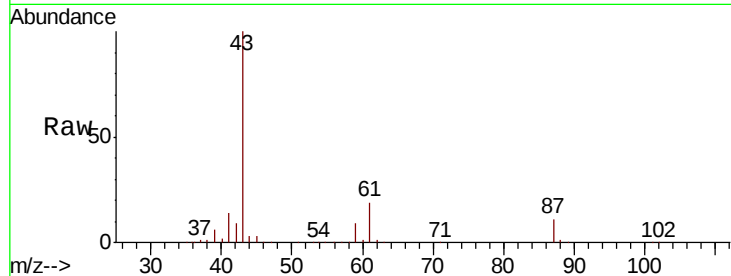


#43

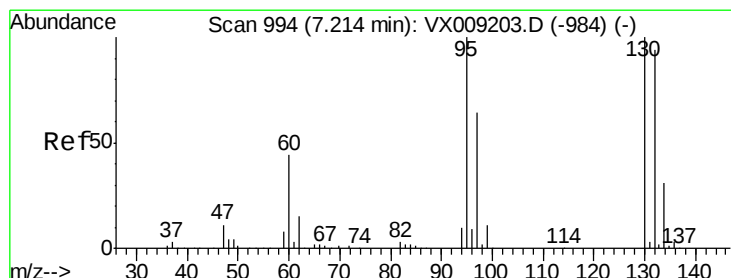
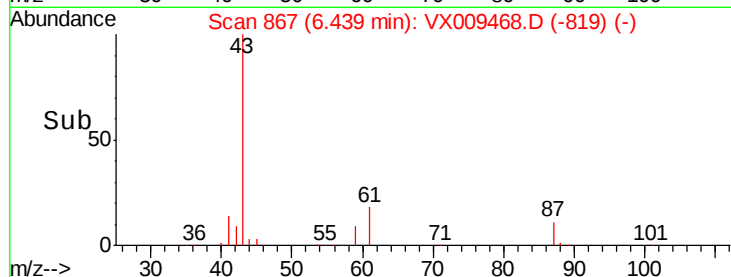
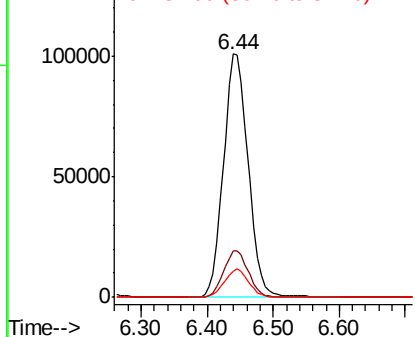
Isopropyl Acetate
 Concen: 49.795 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 259635
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.1 22.7
 87 11.3 9.0 13.6



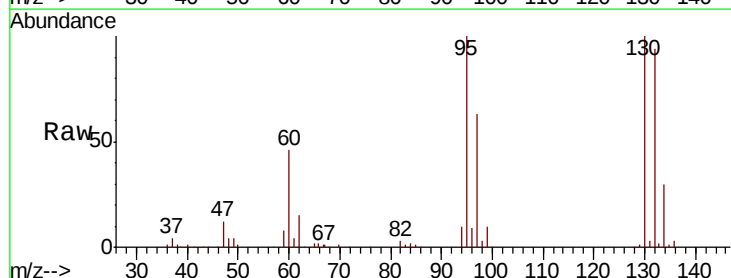
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



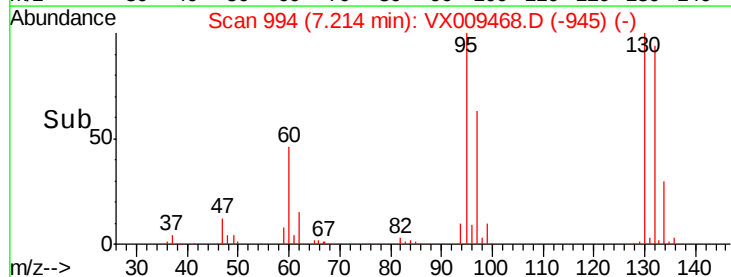
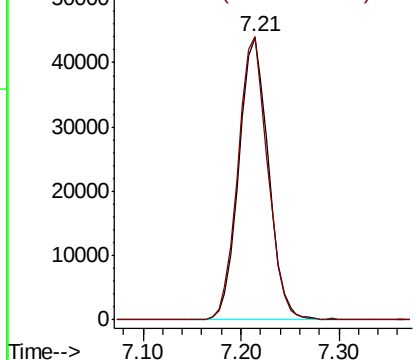
#44

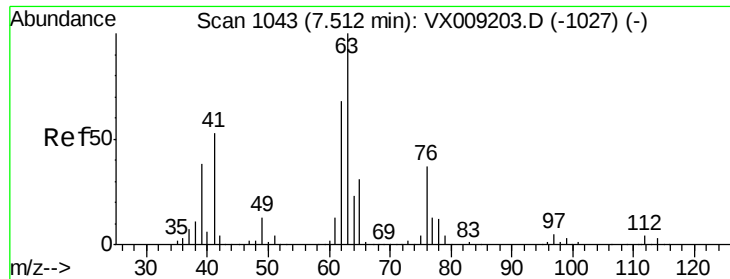
Trichloroethene
 Concen: 52.771 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion:130 Resp: 92371
 Ion Ratio Lower Upper
 130 100
 95 100.1 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 53.592 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

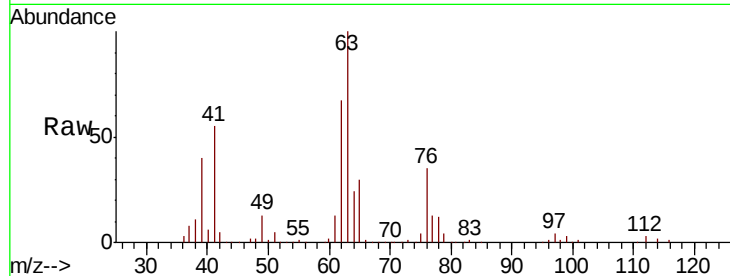
ClientSampled :

Tot Ion: 63 Resp: 109875

Ion Ratio Lower Upper

63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

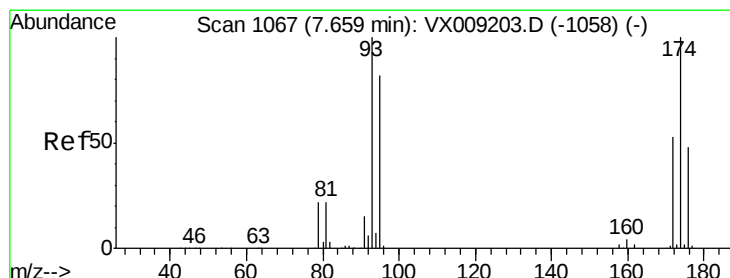
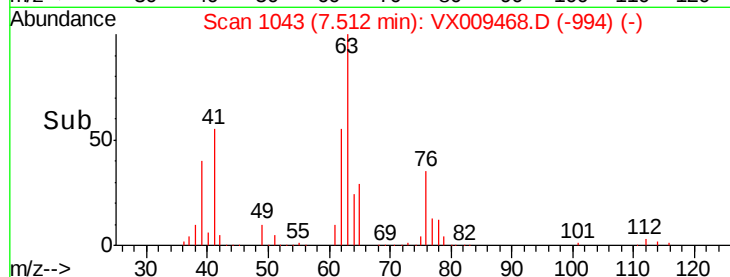
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 53.056 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

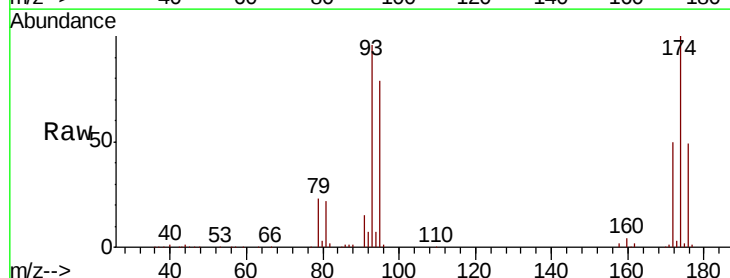
Tgt Ion: 93 Resp: 63167

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

174 105.2 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

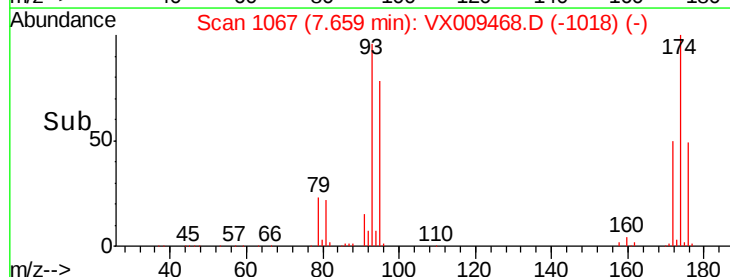
30000

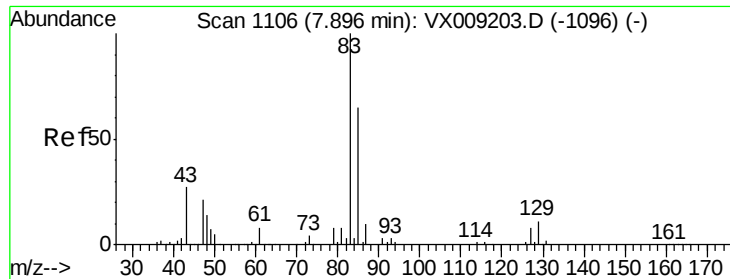
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 53.233 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampleId :

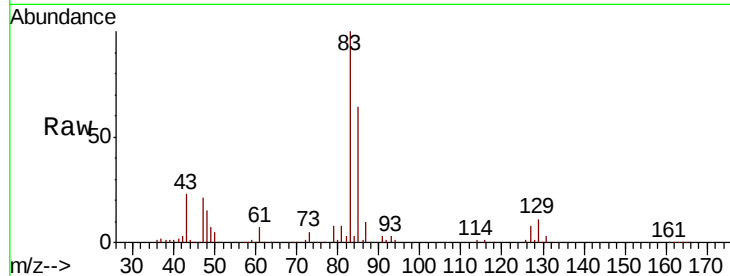
Tot Ion: 83 Resp: 126422

Ion Ratio Lower Upper

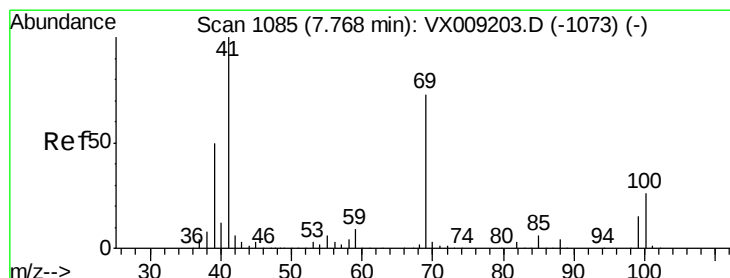
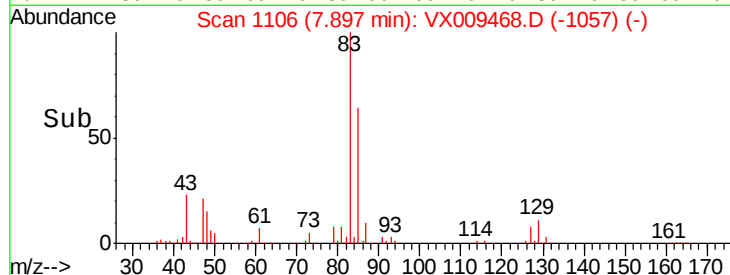
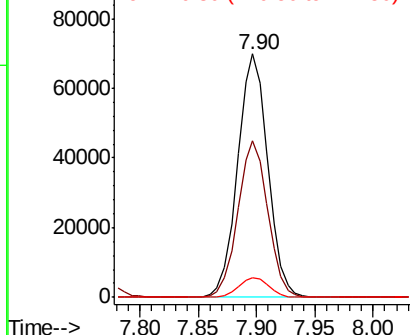
83 100

85 64.3 52.4 78.6

127 8.2 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.234 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

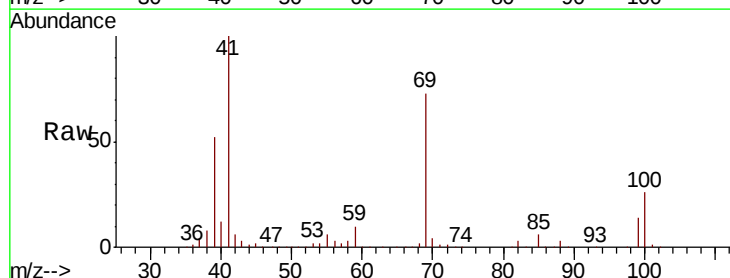
Tgt Ion: 41 Resp: 140293

Ion Ratio Lower Upper

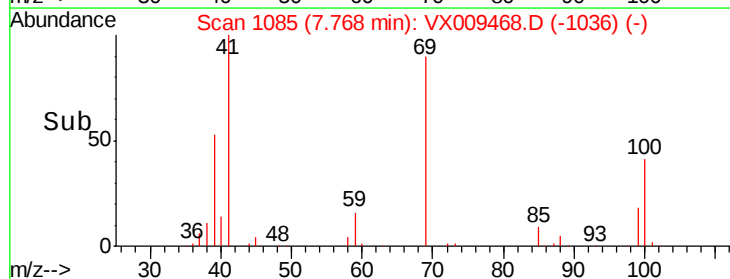
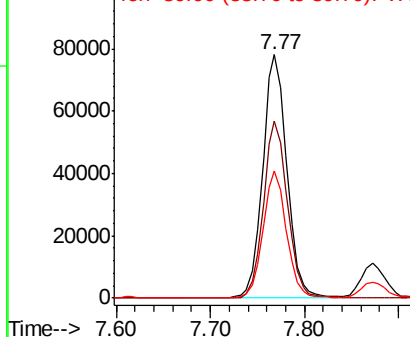
41 100

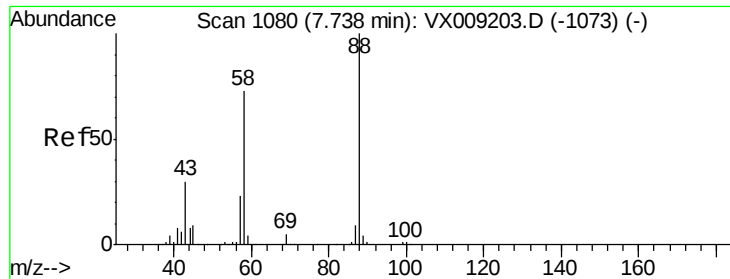
69 72.8 59.1 88.7

39 50.9 40.4 60.6



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

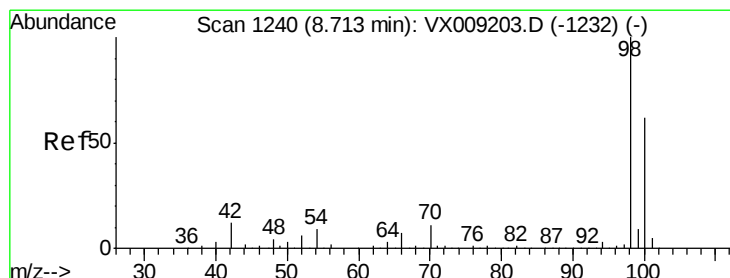
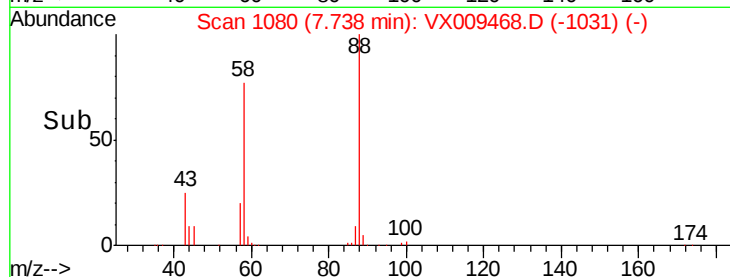
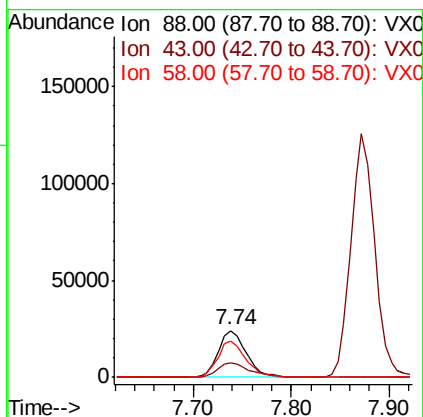
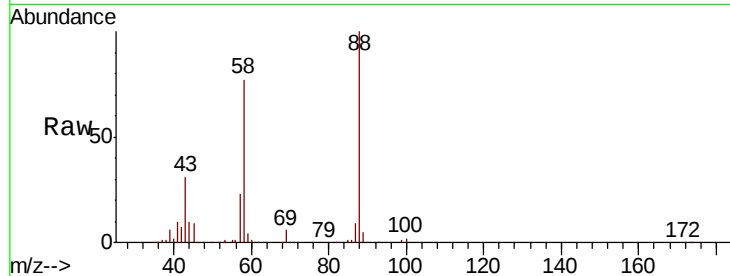




#49
1,4-Dioxane
Concen: 905.945 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

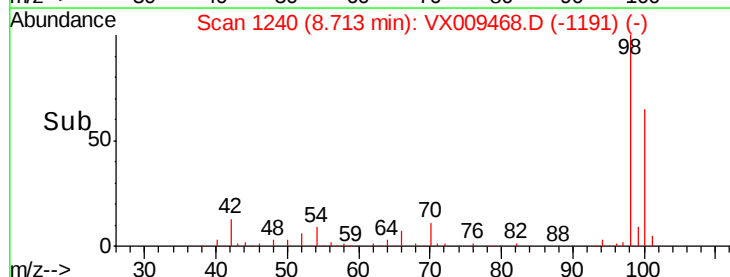
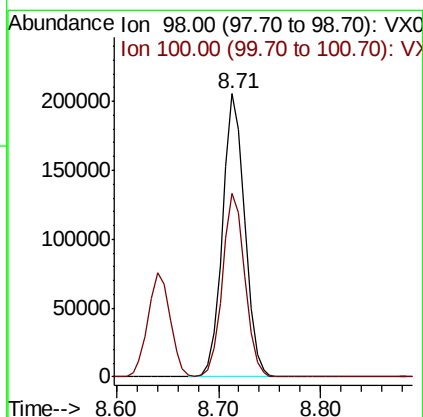
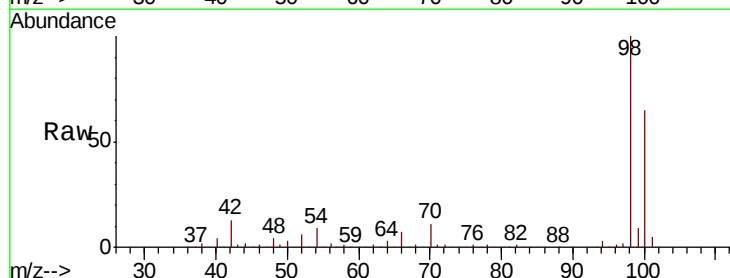
Instrument :
MSVOA_X
ClientSampleId :

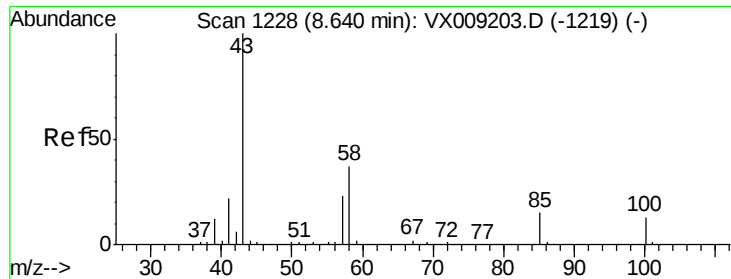
Tot Ion: 88 Resp: 47526
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 79.5 61.7 92.5



#50
Toluene-d8
Concen: 48.652 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 98 Resp: 310854
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 267.507 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

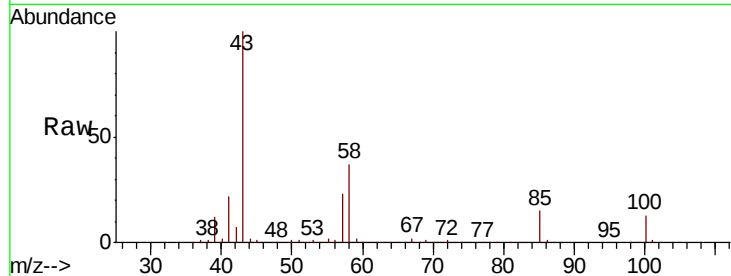
ClientSampleId :

Tot Ion: 43 Resp: 911663

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX009203.D (-1219) (-)

8.64

600000

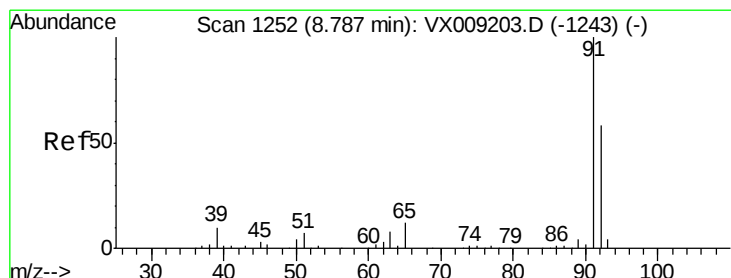
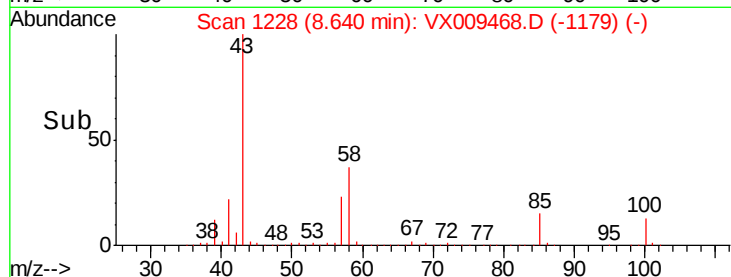
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 54.109 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009468.D

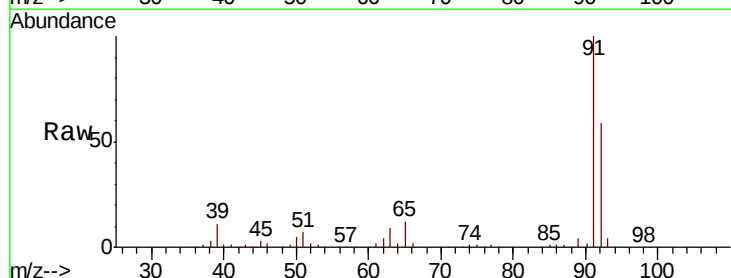
Acq: 10 May 2019 07:42

Tgt Ion: 92 Resp: 238152

Ion Ratio Lower Upper

92 100

91 171.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX009203.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1243) (-)

8.78

300000

250000

200000

150000

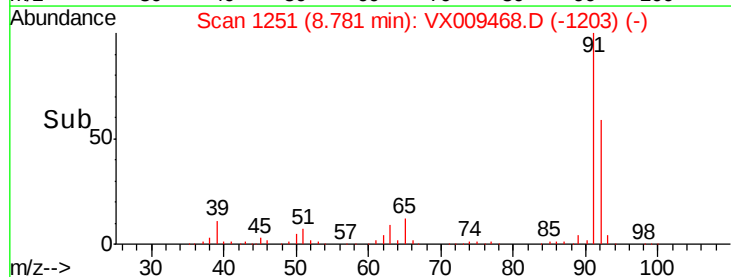
100000

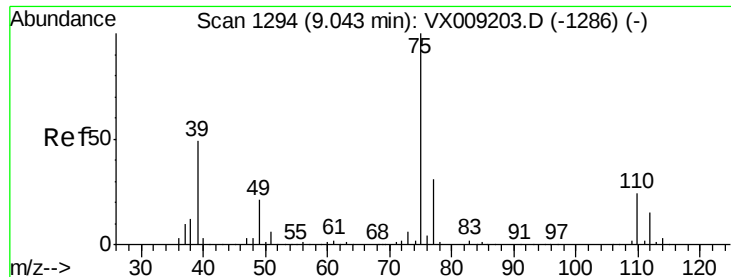
50000

0

8.70 8.80 8.90

Time-->

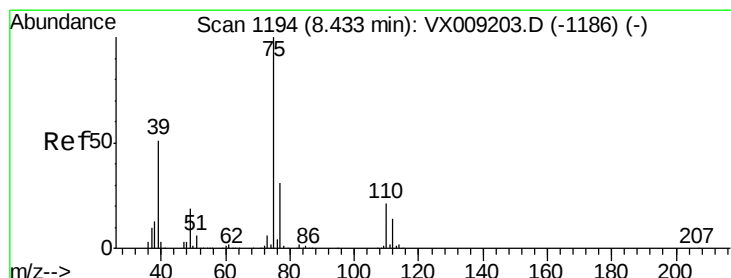
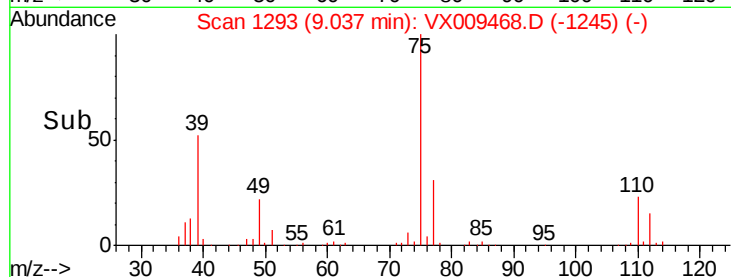
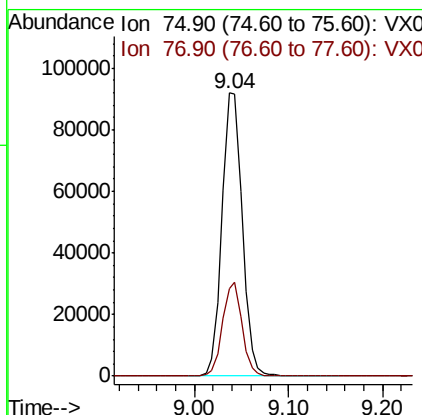
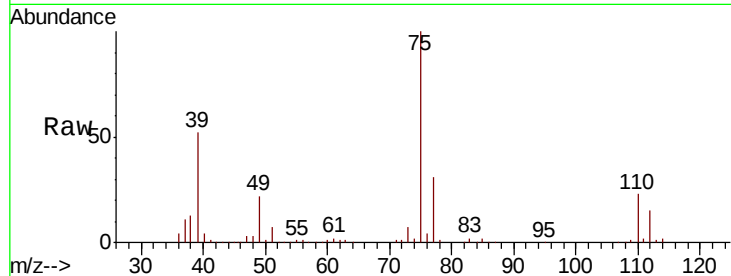




#53
 t-1,3-Dichloropropene
 Concen: 51.519 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

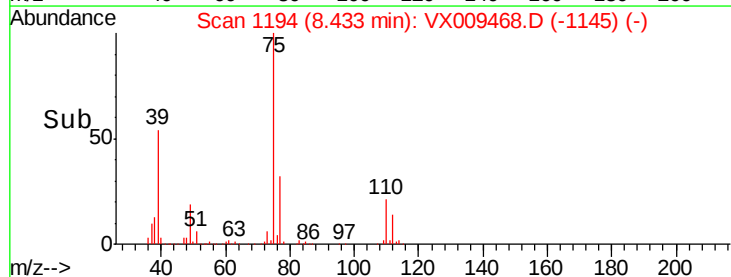
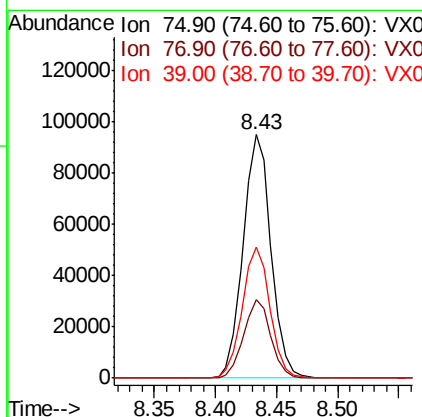
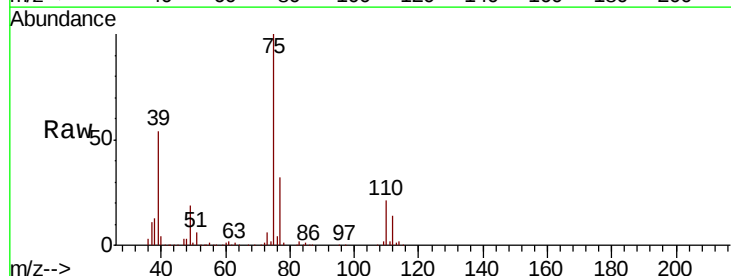
Instrument :
 MSVOA_X
 ClientSampleId :

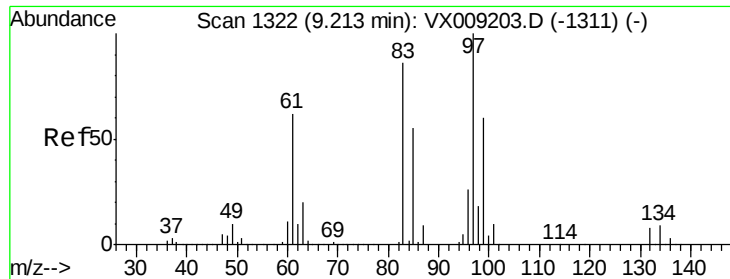
Tot Ion: 75 Resp: 138137
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.654 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion: 75 Resp: 150330
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 53.9 40.6 60.8

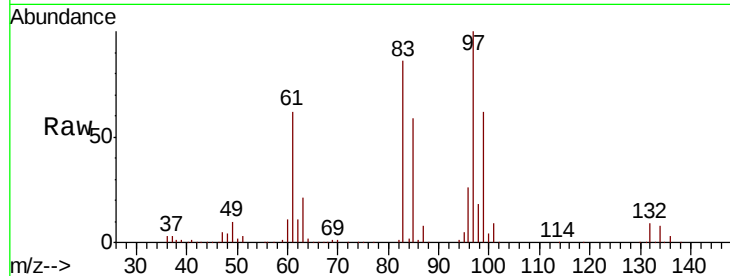




#55
 1,1,2-Trichloroethane
 Concen: 53.295 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	95697
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.9	103.3
85	58.5	43.8	65.6
99	62.3	48.2	72.2



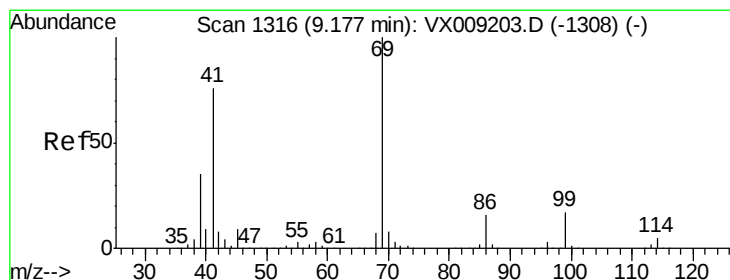
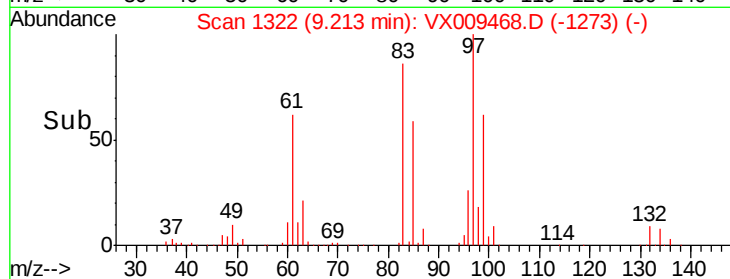
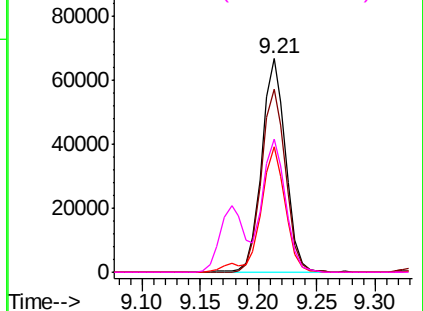
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

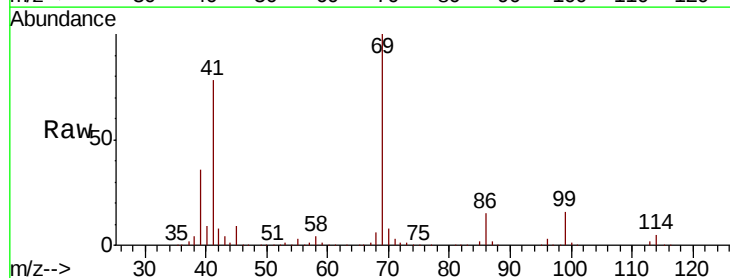
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.367 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion:	69	Resp:	171055
Ion	Ratio	Lower	Upper
69	100		
41	77.4	60.6	90.8
39	36.9	28.2	42.4

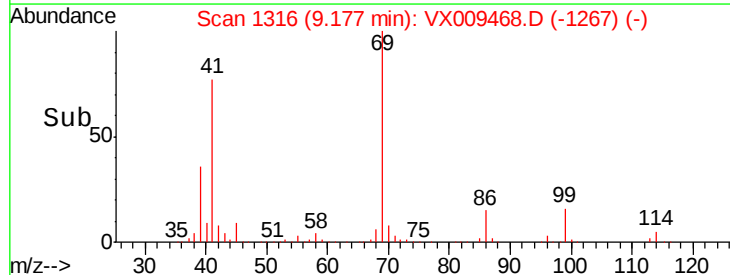
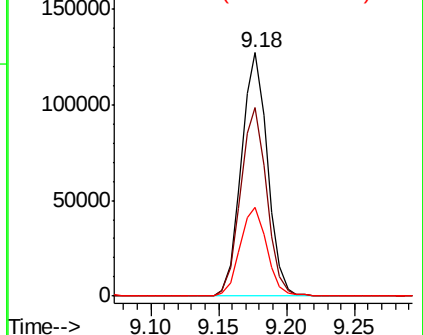


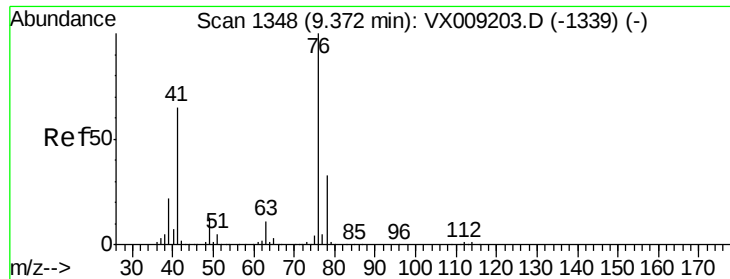
Abundance

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: 53.414 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

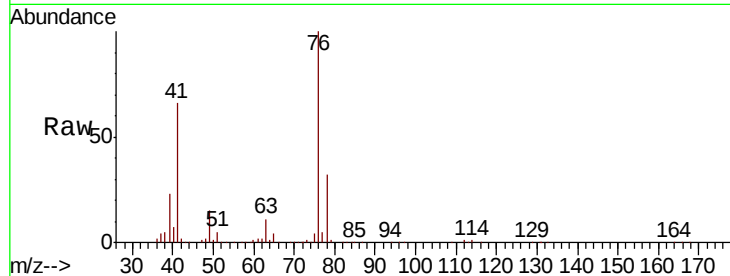
ClientSampleId :

Tot Ion: 76 Resp: 168780

Ion Ratio Lower Upper

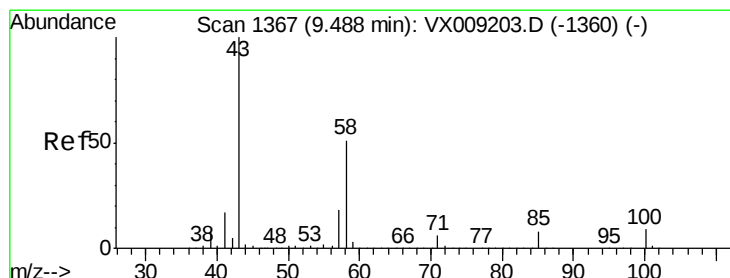
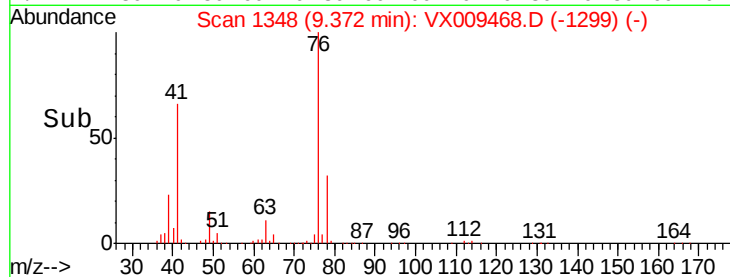
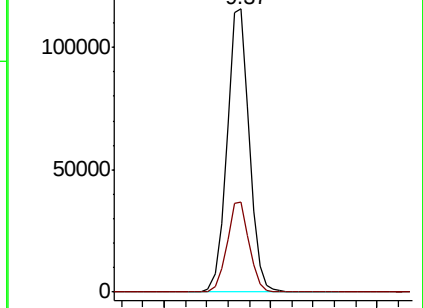
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 267.132 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX009468.D

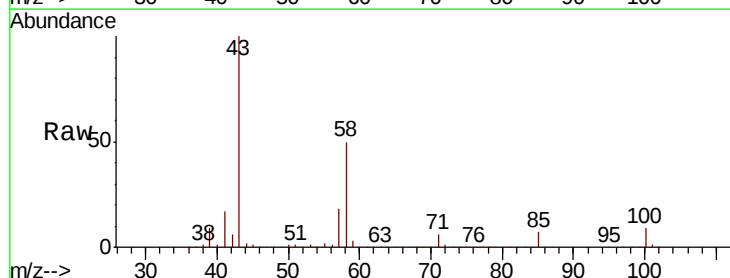
Acq: 10 May 2019 07:42

Tgt Ion: 43 Resp: 715007

Ion Ratio Lower Upper

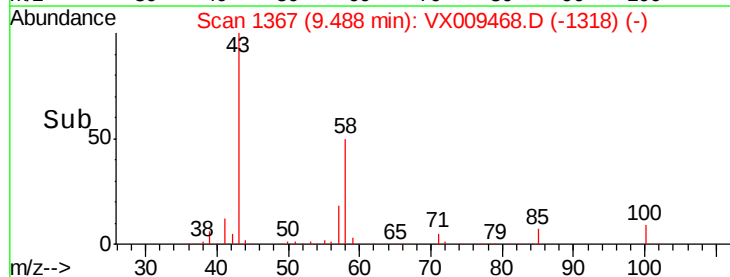
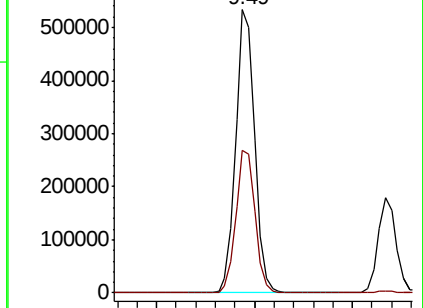
43 100

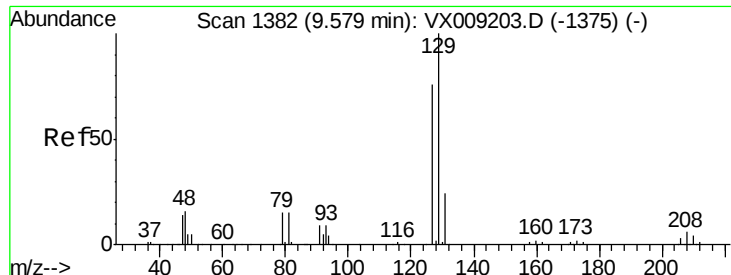
58 51.1 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

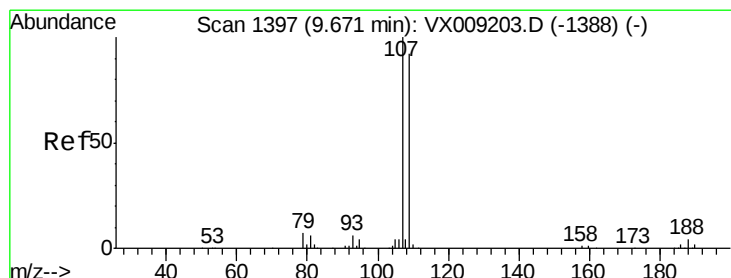
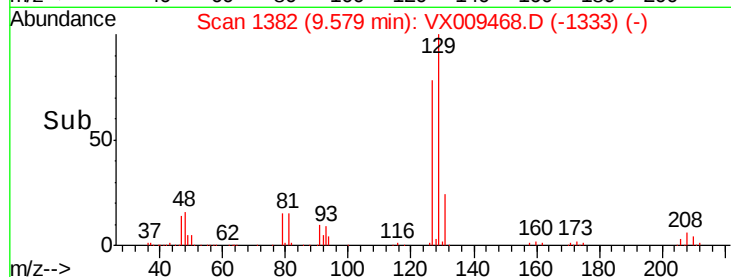
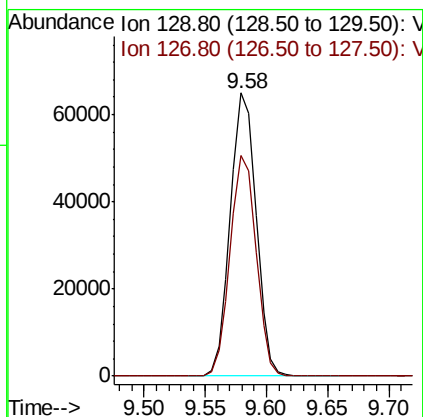
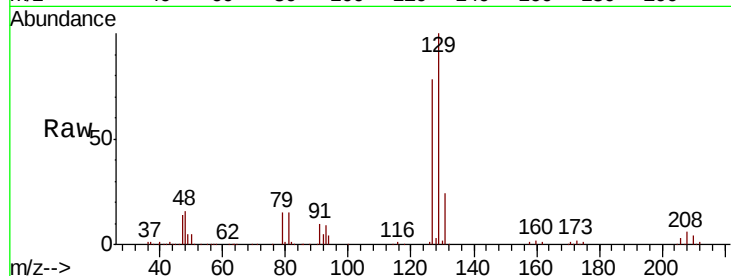




#60
 Dibromochloromethane
 Concen: 54.272 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

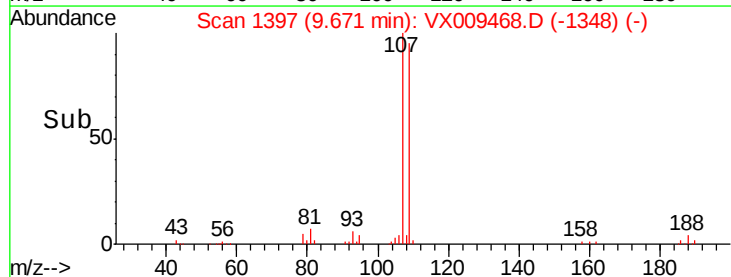
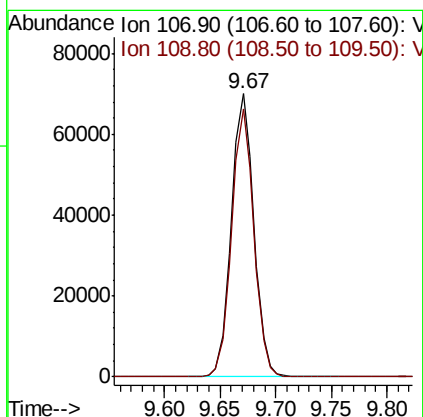
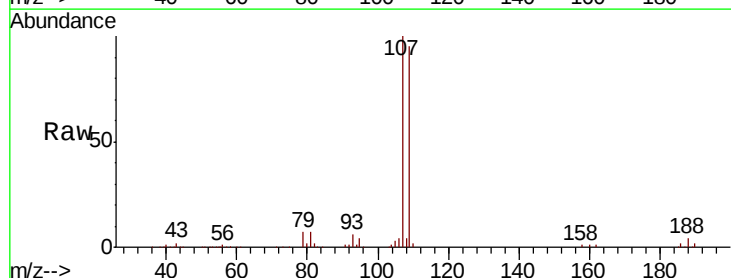
Instrument :
 MSVOA_X
 ClientSampleId :

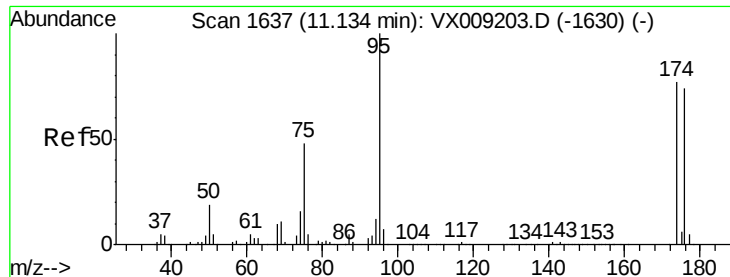
Tot Ion:129 Resp: 95180
 Ion Ratio Lower Upper
 129 100
 127 78.2 38.4 115.1



#61
 1,2-Dibromoethane
 Concen: 53.951 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion:107 Resp: 97788
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.2 112.8

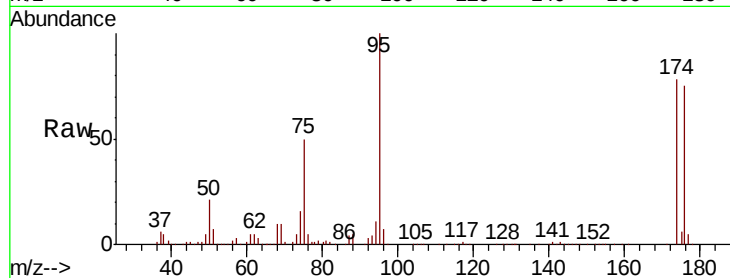




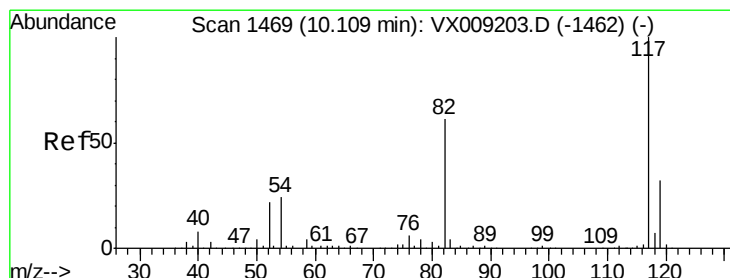
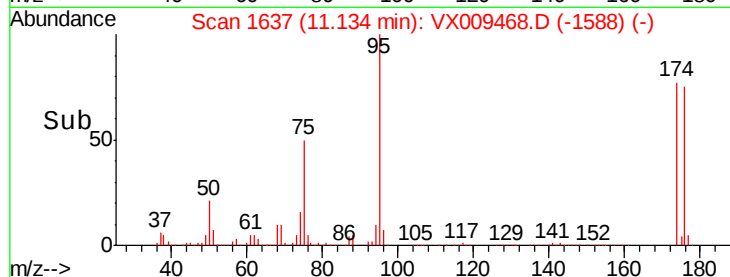
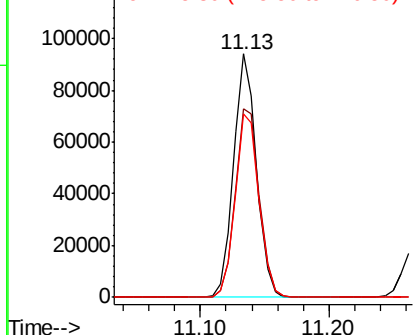
#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 116334
Ion Ratio Lower Upper
95 100
174 81.6 0.0 161.6
176 78.4 0.0 159.2

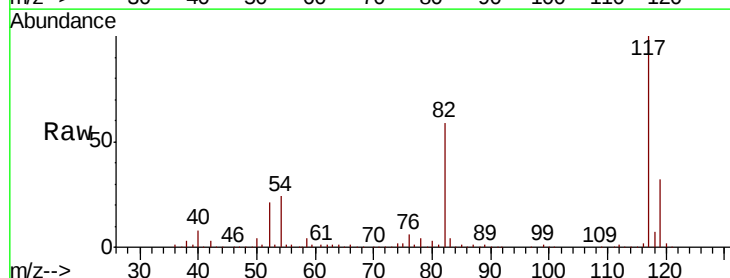


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

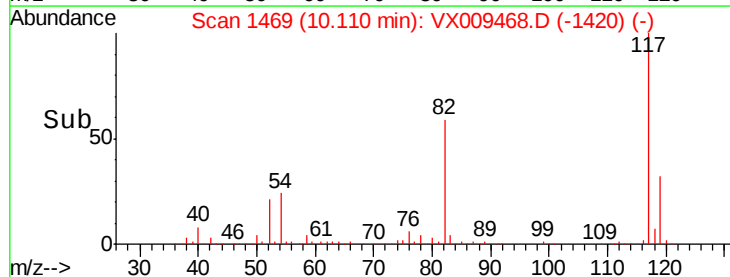
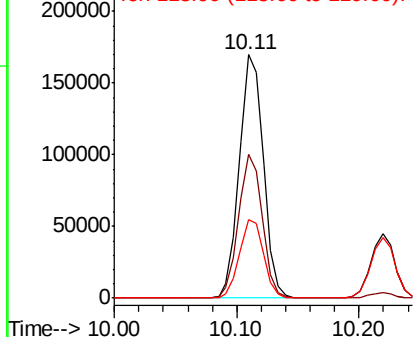


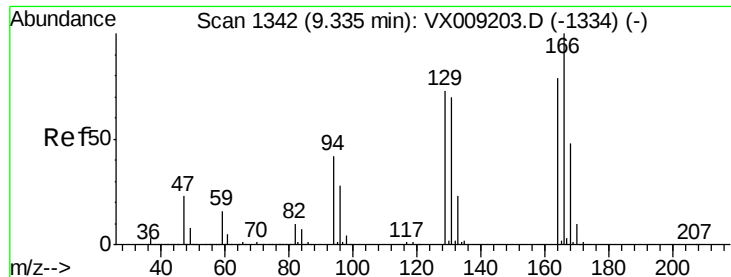
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 117 Resp: 230014
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 51.246 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 80855

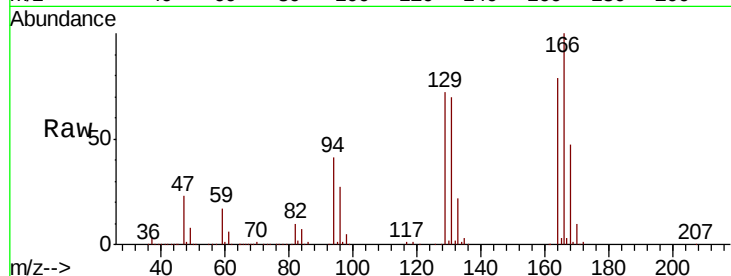
Ion Ratio Lower Upper

164 100

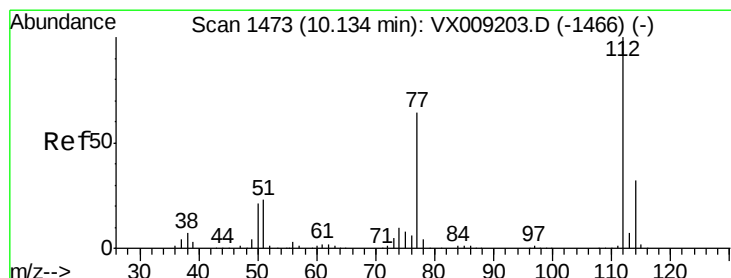
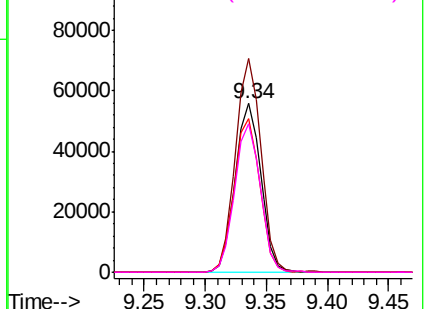
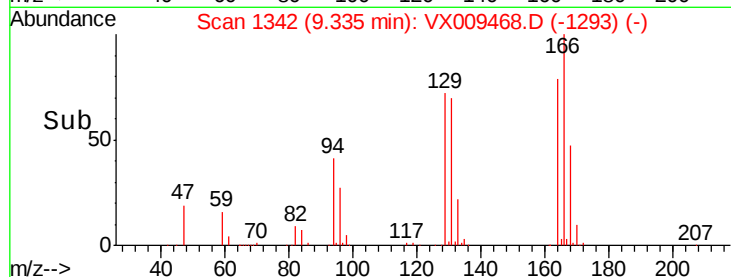
166 126.6 101.2 151.8

129 91.4 74.3 111.5

131 88.0 71.0 106.6



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



#65

Chlorobenzene

Concen: 52.715 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009468.D

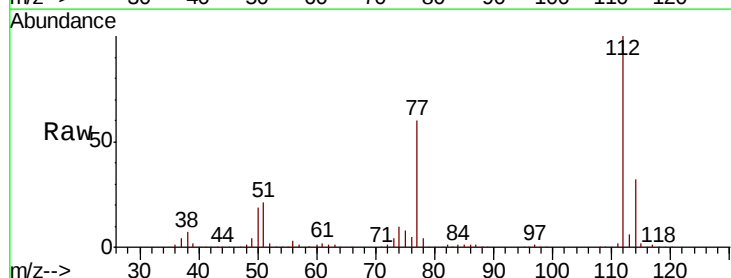
Acq: 10 May 2019 07:42

Tgt Ion:112 Resp: 242558

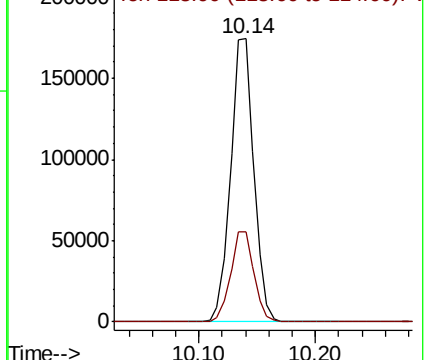
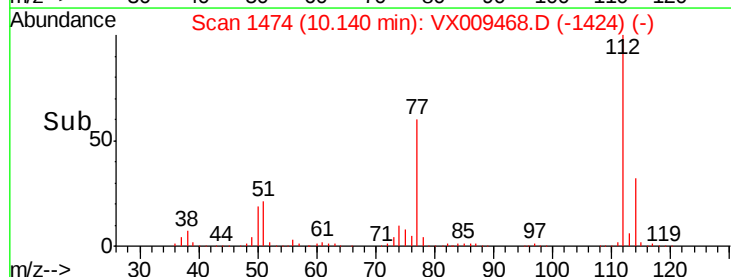
Ion Ratio Lower Upper

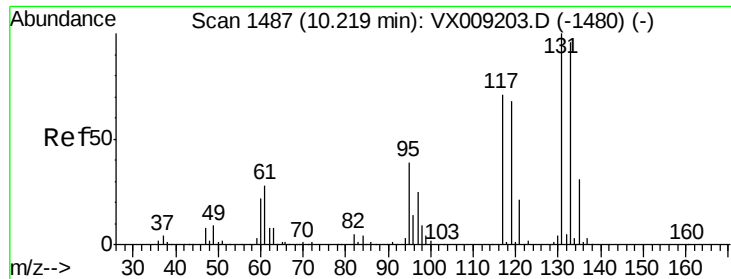
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

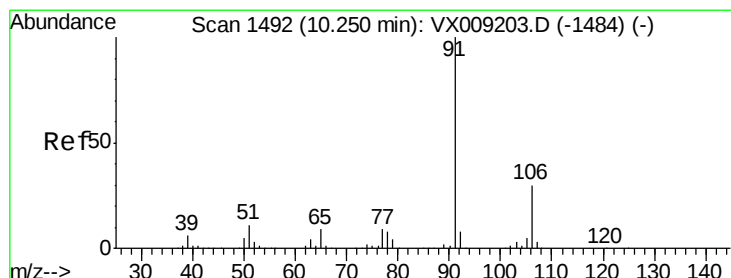
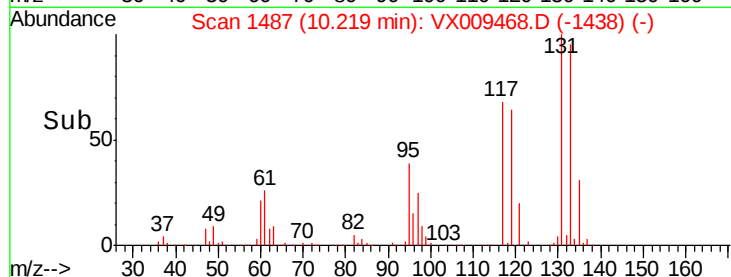
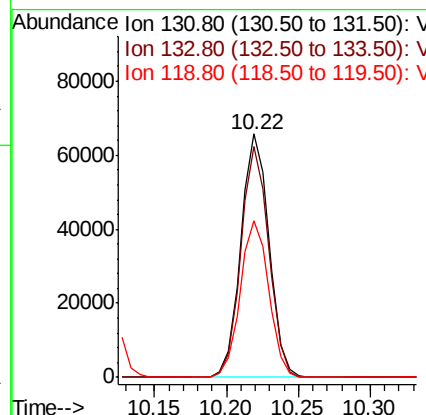
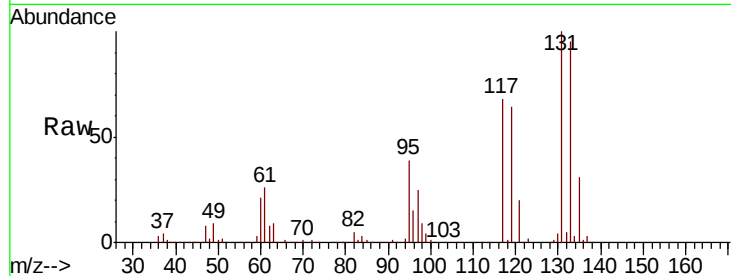




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.741 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

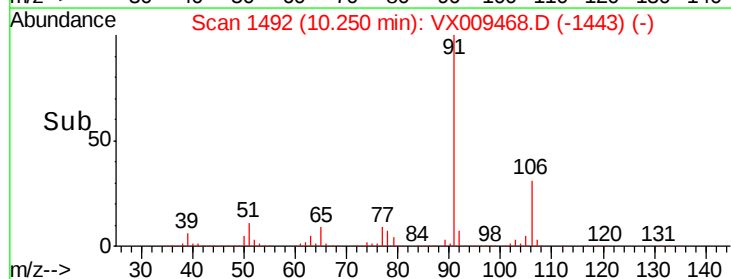
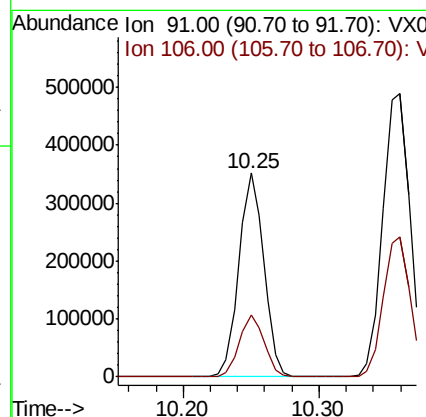
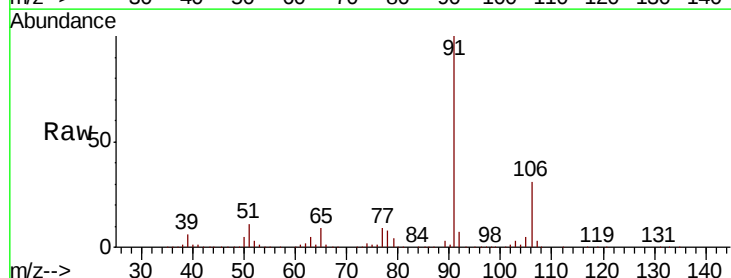
Instrument :
 MSVOA_X
 ClientSampleId :

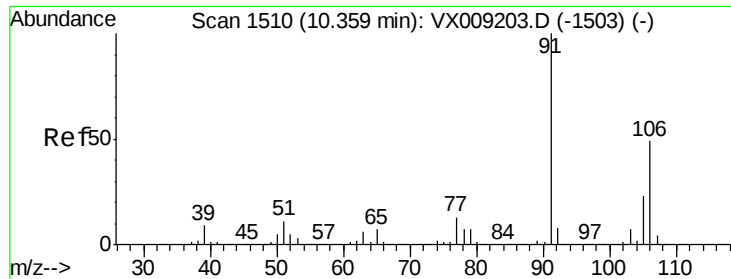
Tot Ion:131 Resp: 89649
 Ion Ratio Lower Upper
 131 100
 133 93.5 47.7 143.1
 119 64.8 33.5 100.4



#67
 Ethyl Benzene
 Concen: 53.211 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion: 91 Resp: 450598
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.0 36.0

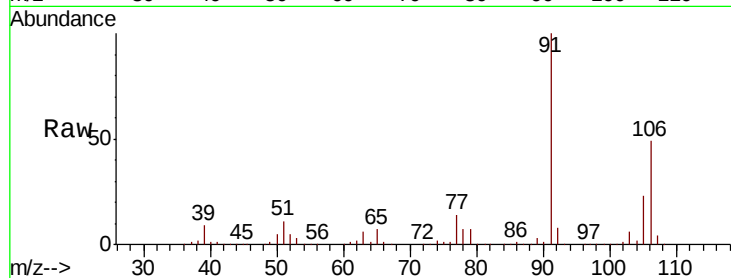




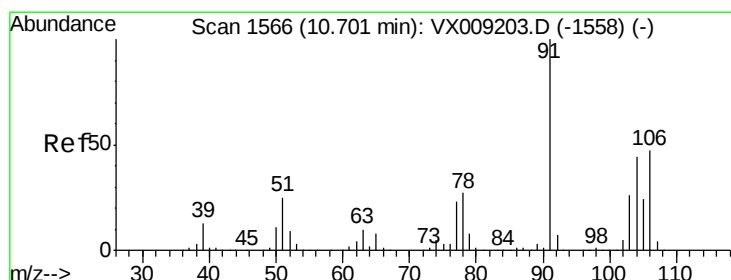
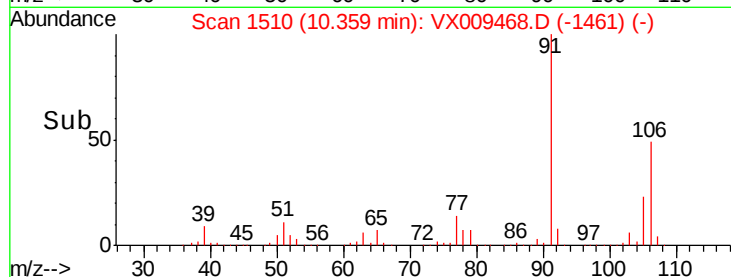
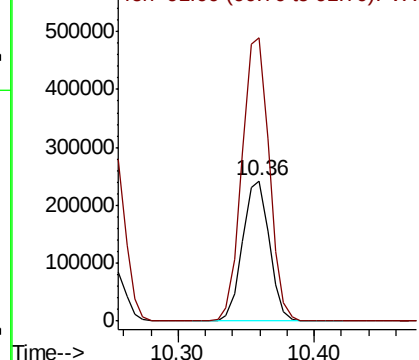
#68
m/p-Xylenes
Concen: 107.324 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 332118
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0

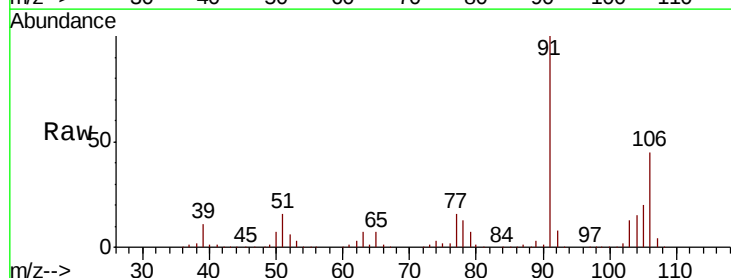


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

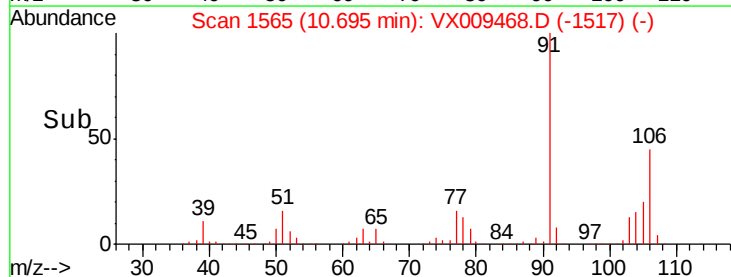
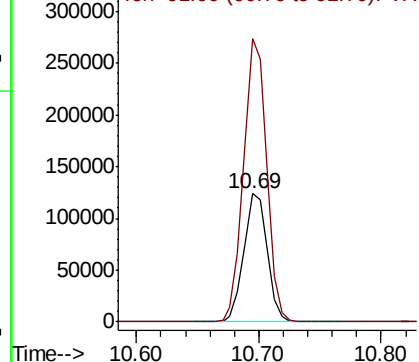


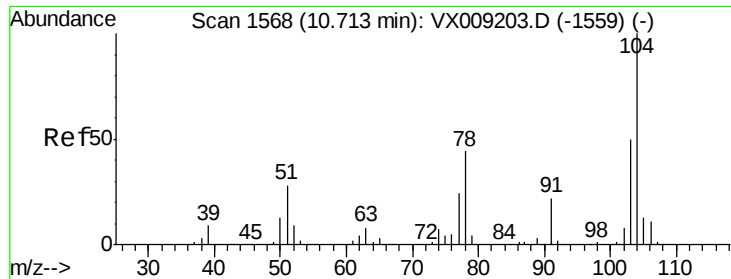
#69
o-Xylene
Concen: 53.237 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion:106 Resp: 162545
Ion Ratio Lower Upper
106 100
91 218.0 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

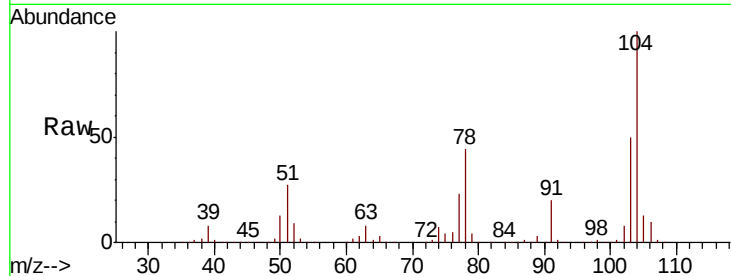




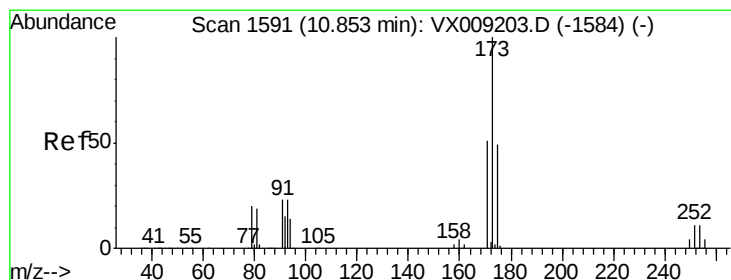
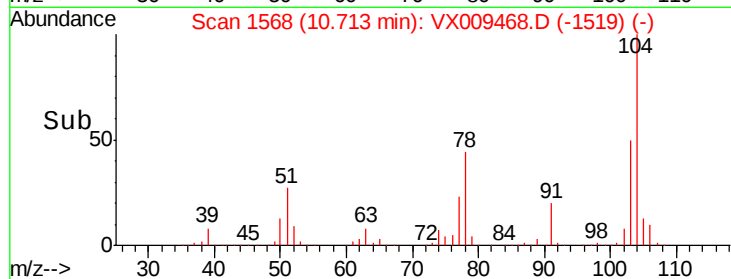
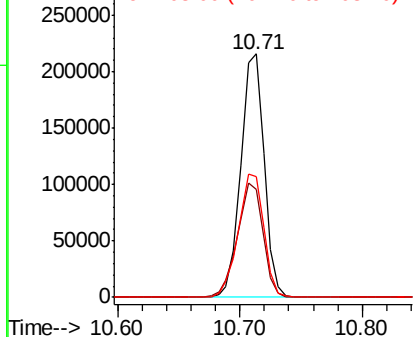
#70
Stvrene
Concen: 53.693 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 284934
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.4 43.8 65.6

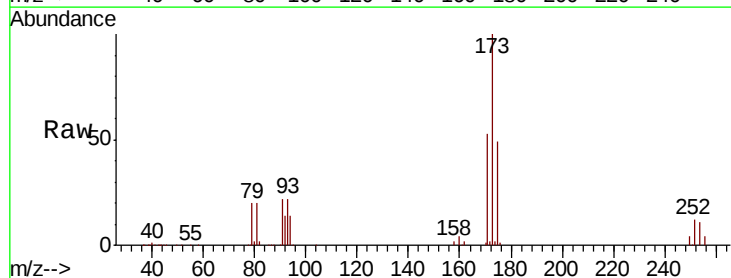


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

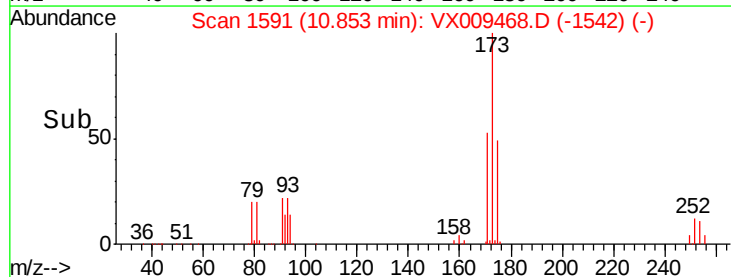
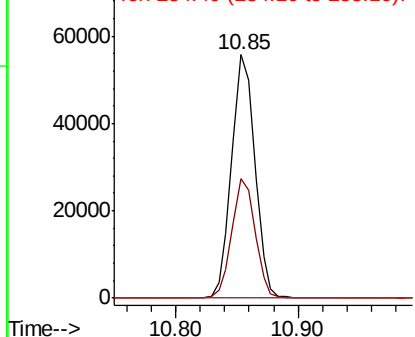


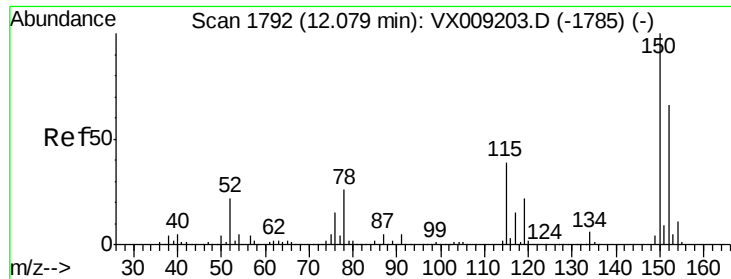
#71
Bromoform
Concen: 54.200 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion:173 Resp: 73475
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



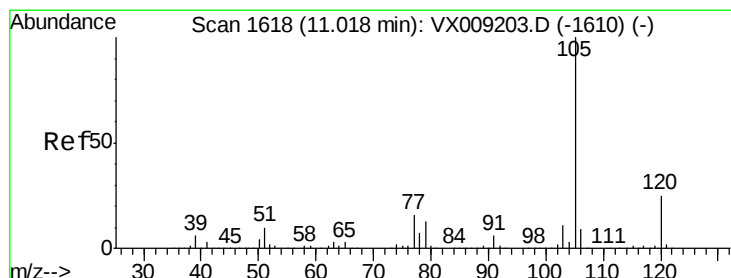
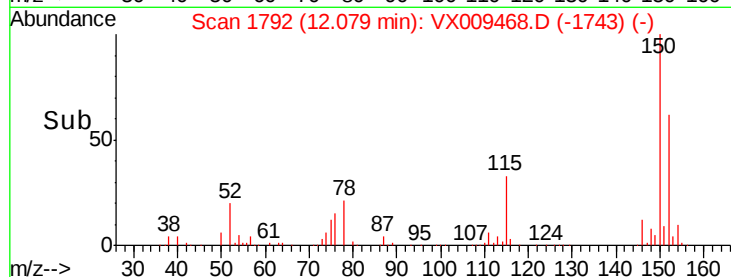
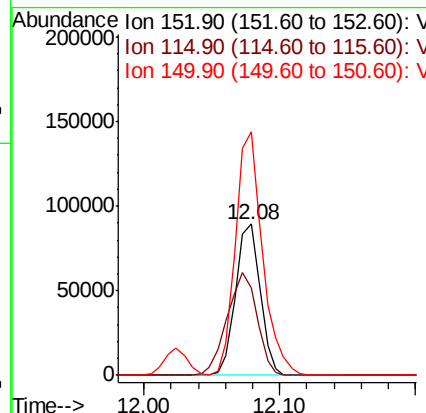
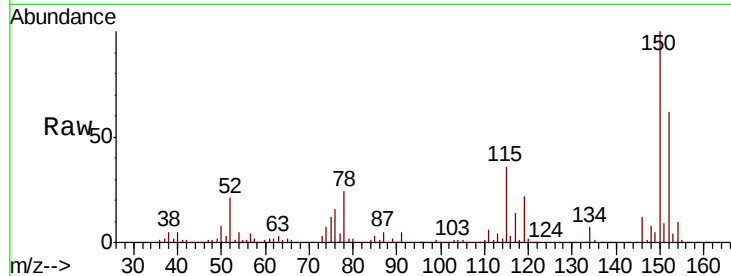


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Instrument :
MSVOA_X
ClientSampleId :

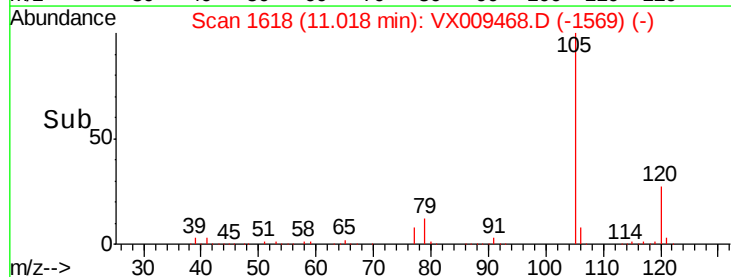
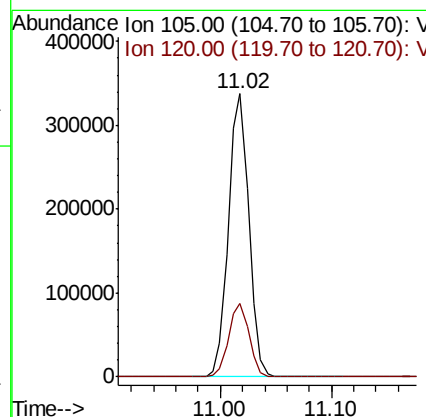
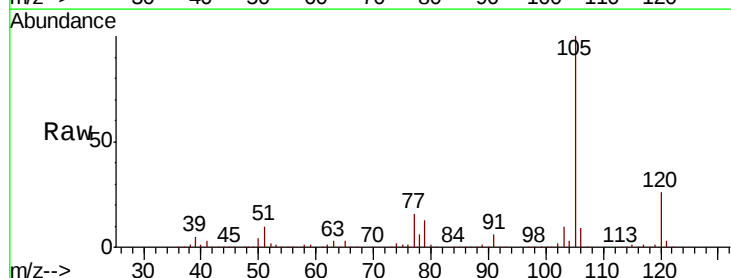
Tot Ion	Ratio	Lower	Upper
152	100		
115	82.4	41.2	123.6
150	176.4	0.0	346.4

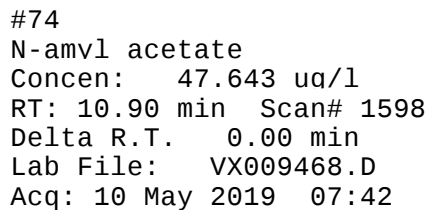


#73

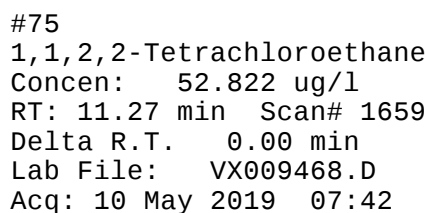
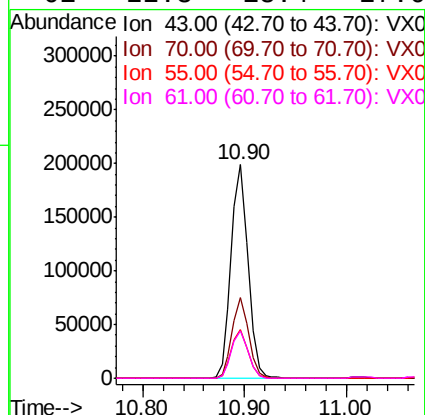
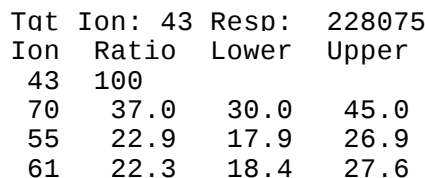
Isopropylbenzene
Concen: 52.037 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.3

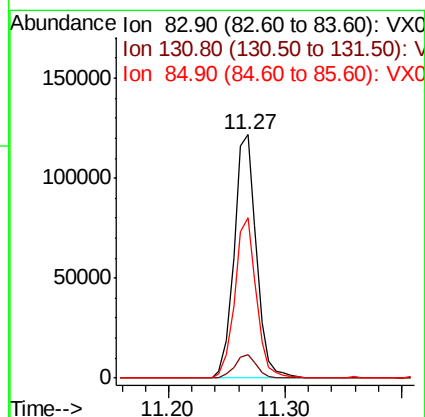


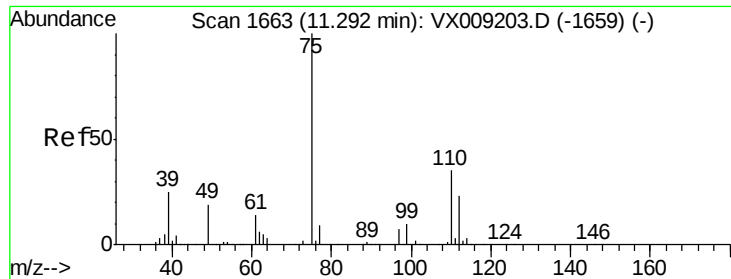


Instrument :
MSVOA_X
ClientSampleId :



Tgt	Ion: 83	Resp:	161690
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.1	32.0	96.2

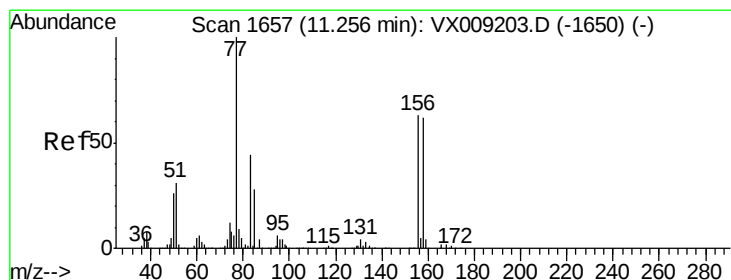
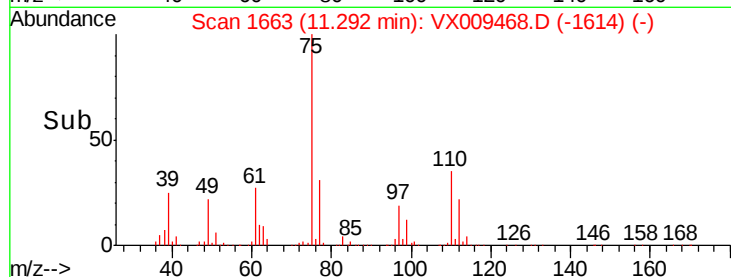
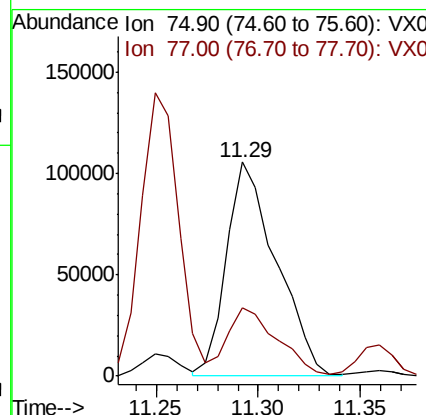
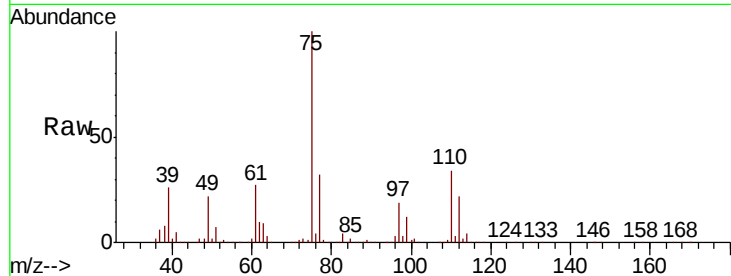




#76
1,2,3-Trichloropropane
Concen: 68.418 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

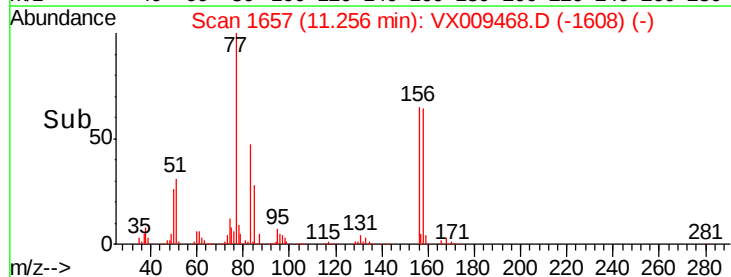
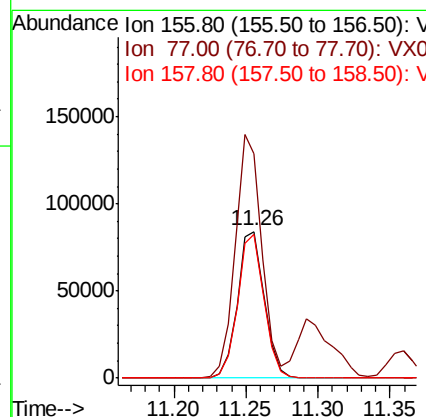
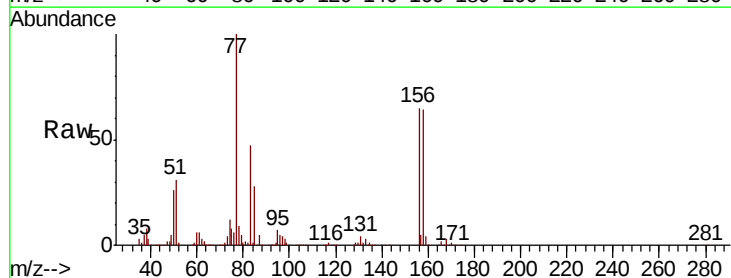
Instrument :
MSVOA_X
ClientSampleId :

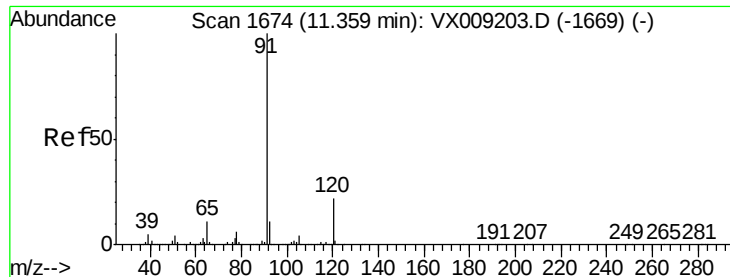
Tot Ion: 75 Resp: 179205
Ion Ratio Lower Upper
75 100
77 32.1 22.1 66.1



#77
Bromobenzene
Concen: 53.424 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 156 Resp: 108880
Ion Ratio Lower Upper
156 100
77 165.4 84.8 254.3
158 97.3 49.1 147.3





#78

n-propylbenzene

Concen: 52.338 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

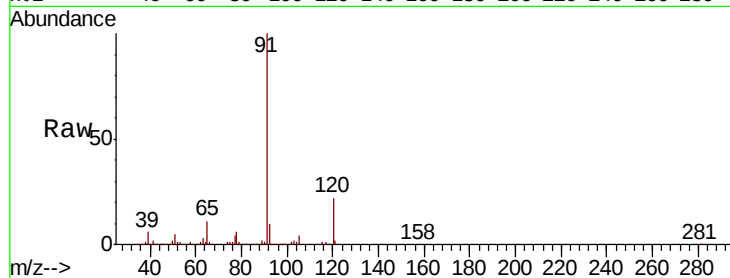
ClientSampleId :

Tot Ion: 91 Resp: 490806

Ion Ratio Lower Upper

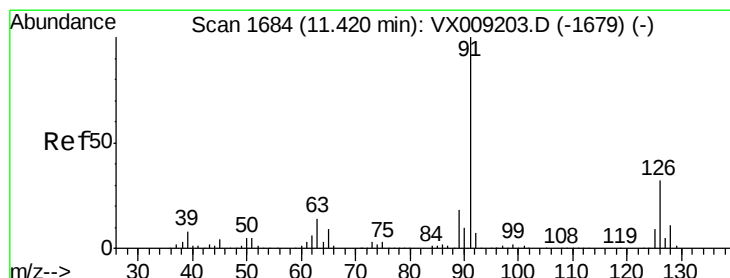
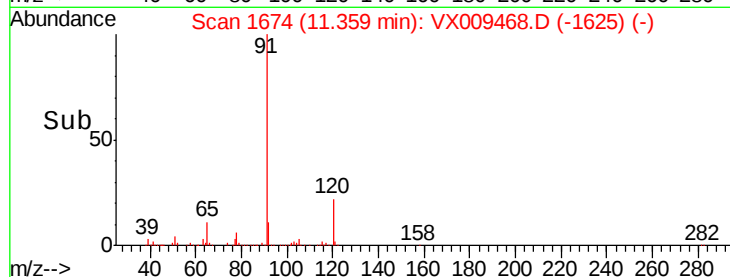
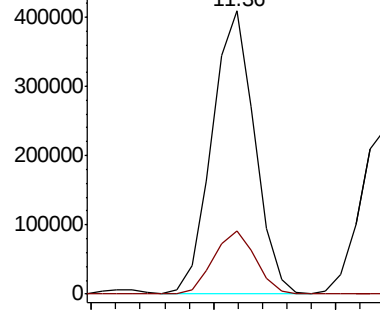
91 100

120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.469 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009468.D

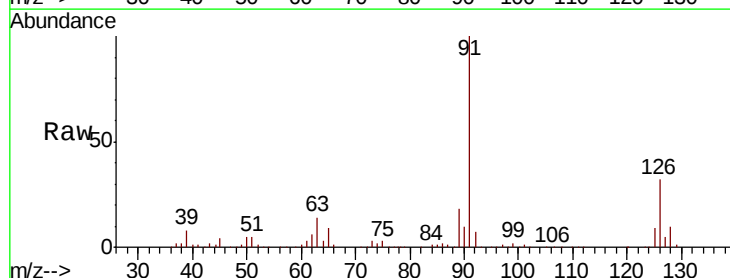
Acq: 10 May 2019 07:42

Tgt Ion: 91 Resp: 297776

Ion Ratio Lower Upper

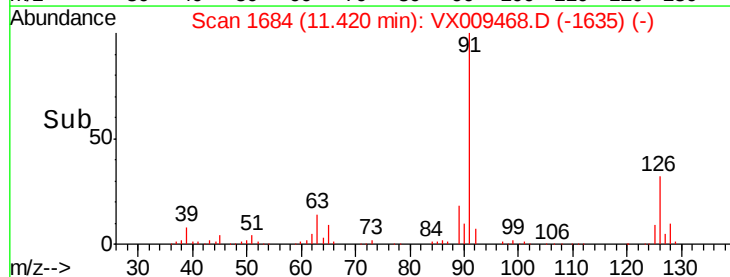
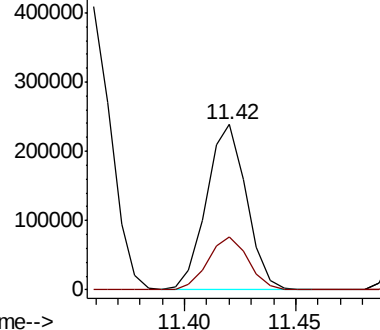
91 100

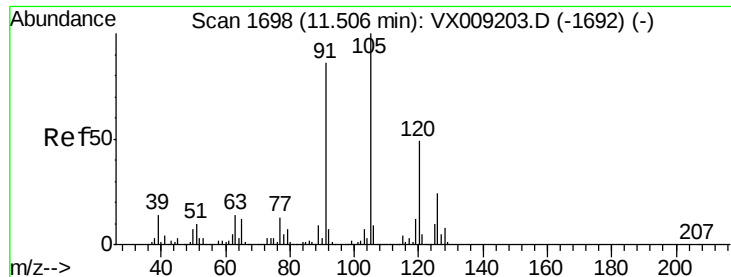
126 32.4 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 52.343 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

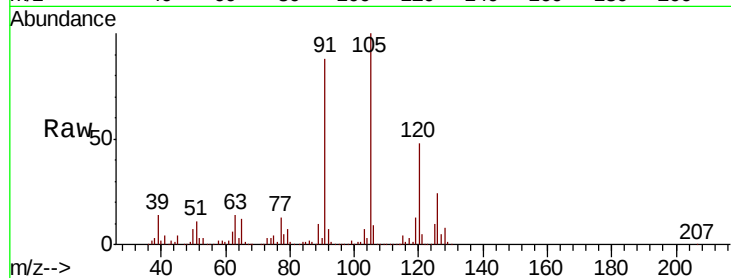
ClientSampleId :

Tot Ion:105 Resp: 361892

Ion Ratio Lower Upper

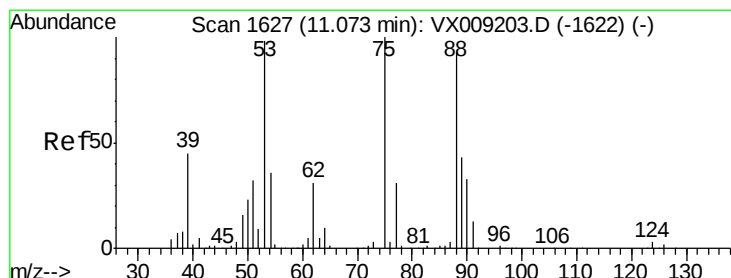
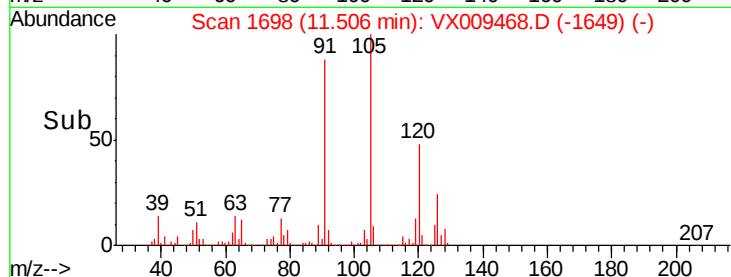
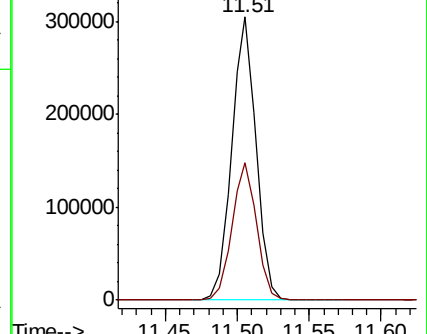
105 100

120 48.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 45.742 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

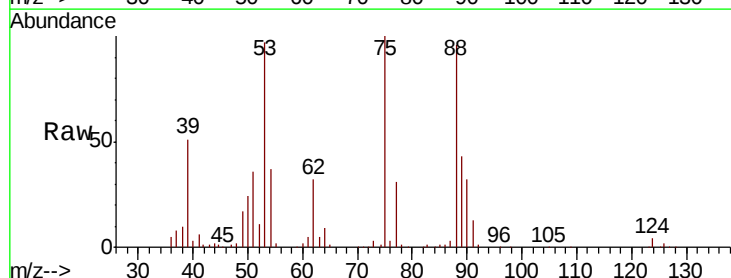
Tgt Ion: 75 Resp: 46826

Ion Ratio Lower Upper

75 100

53 100.6 79.0 118.6

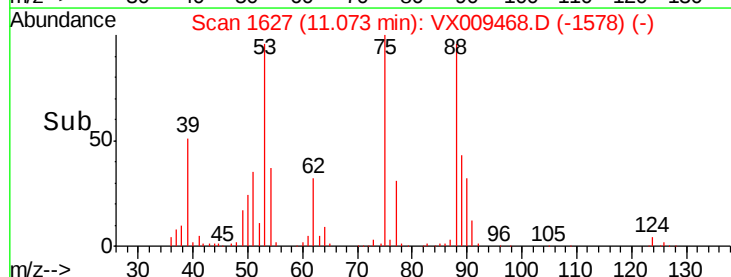
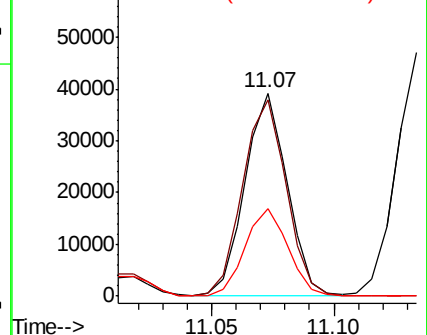
89 44.0 34.7 52.1

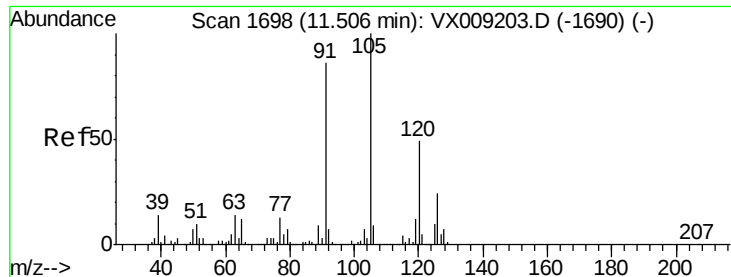


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

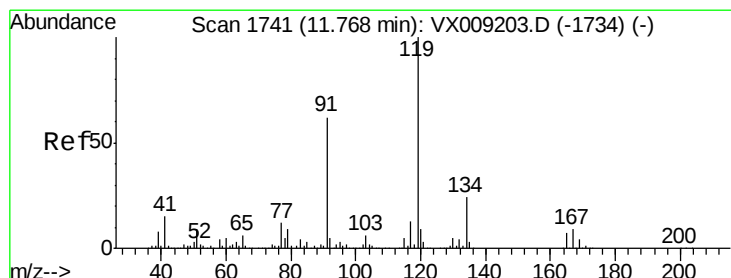
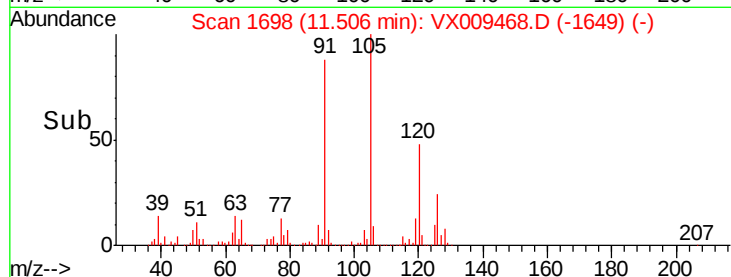
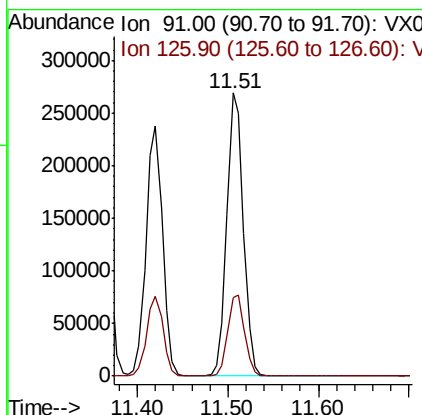
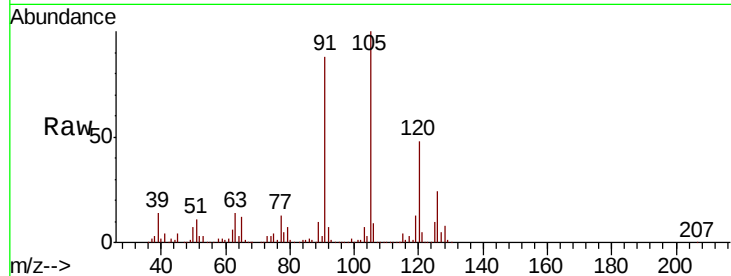




#82
4-Chlorotoluene
Concen: 51.942 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

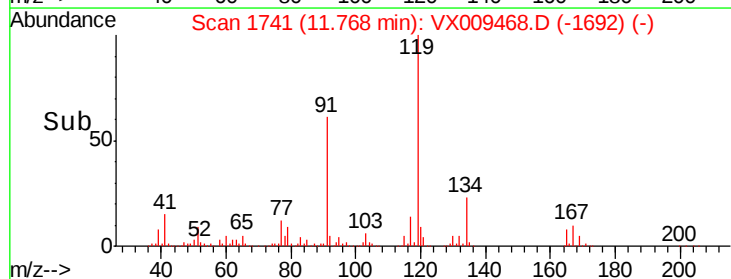
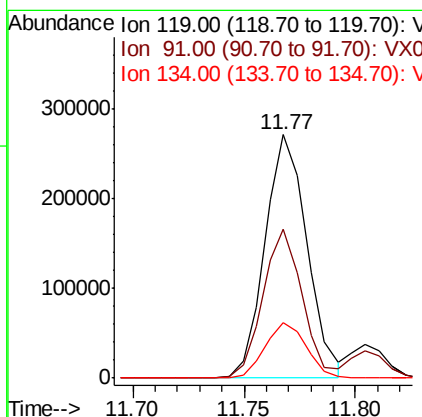
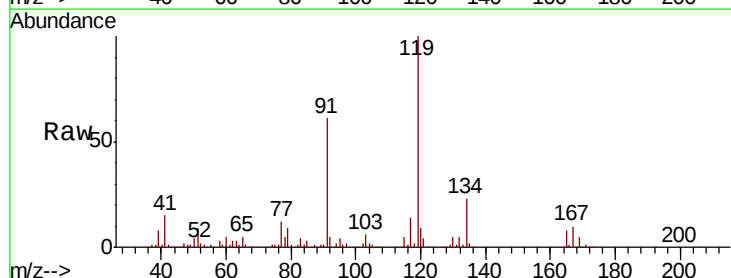
Instrument :
MSVOA_X
ClientSampled :

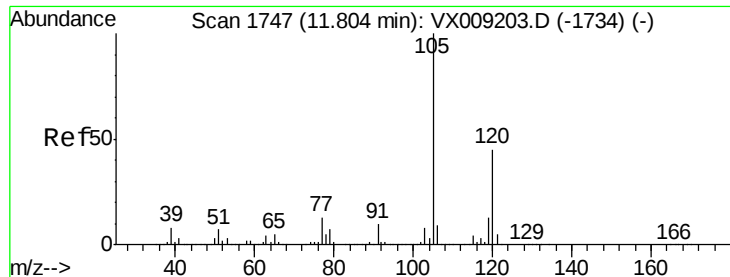
Tot Ion: 91 Resp: 339493
Ion Ratio Lower Upper
91 100
126 29.1 14.5 43.6



#83
tert-Butylbenzene
Concen: 52.791 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion: 119 Resp: 355062
Ion Ratio Lower Upper
119 100
91 57.8 29.5 88.5
134 22.4 11.4 34.1

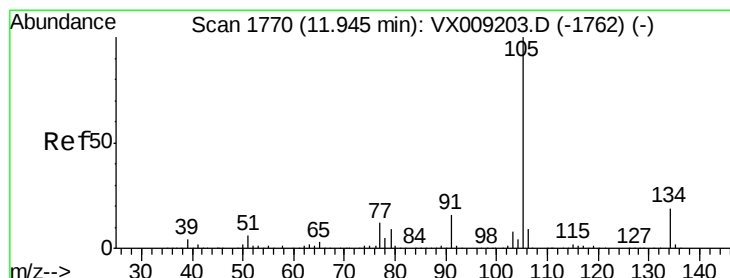
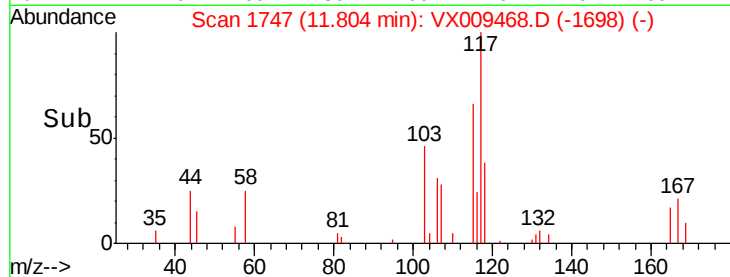
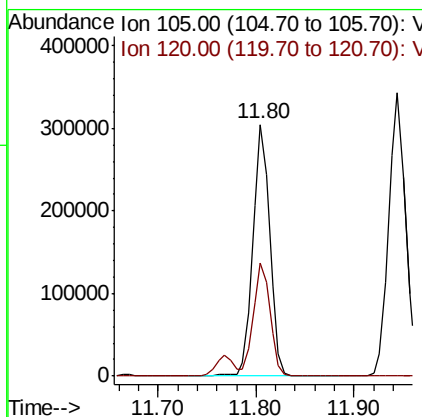
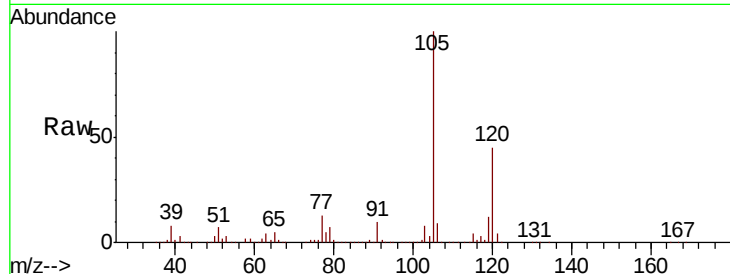




#84
 1,2,4-Trimethylbenzene
 Concen: 52.683 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

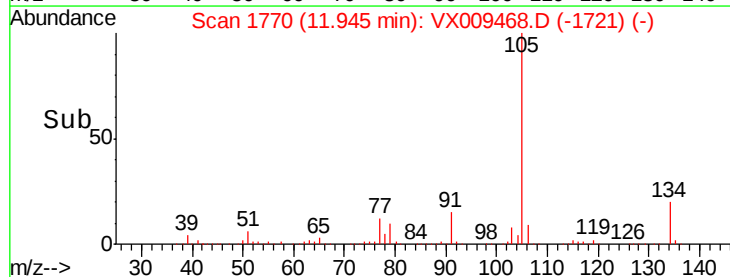
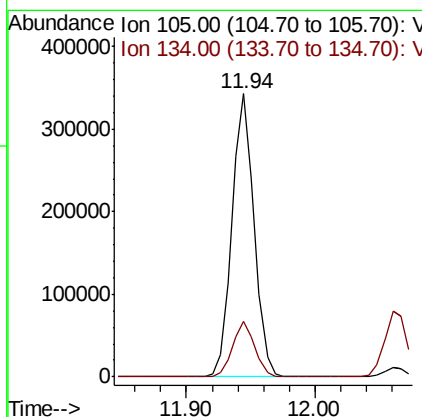
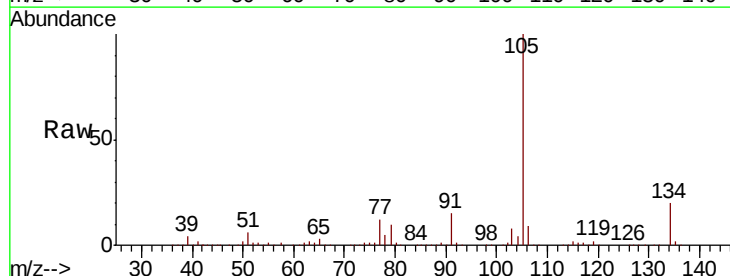
Instrument :
 MSVOA_X
 ClientSampleId :

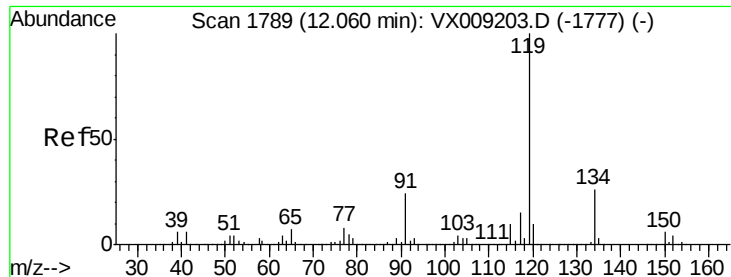
Tot Ion:105 Resp: 365606
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 51.510 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Tgt Ion:105 Resp: 410733
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9





#86

p-Isopropyltoluene

Concen: 52.018 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampleId :

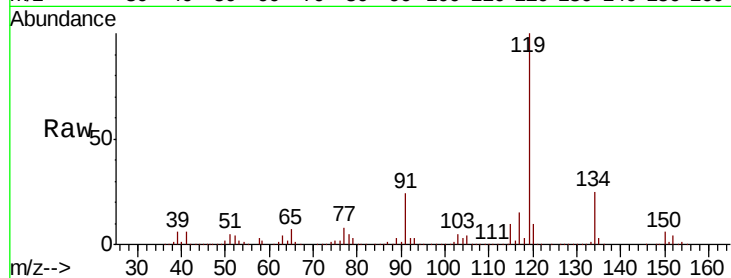
Tot Ion:119 Resp: 372889

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

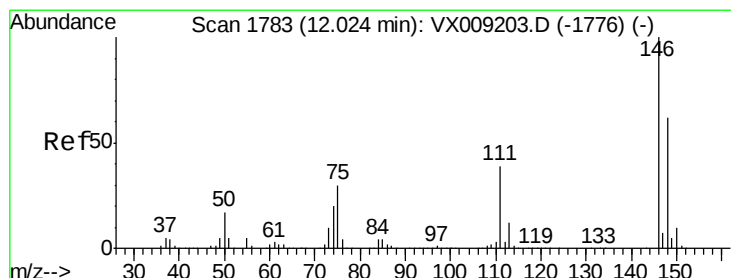
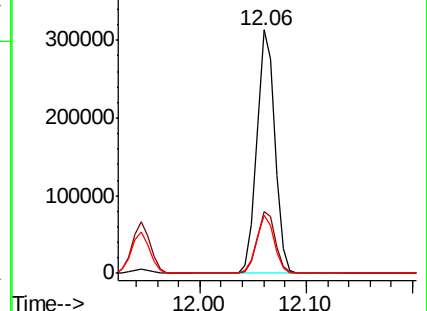
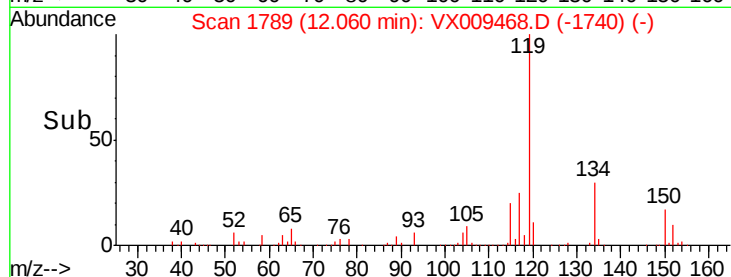
91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 52.170 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

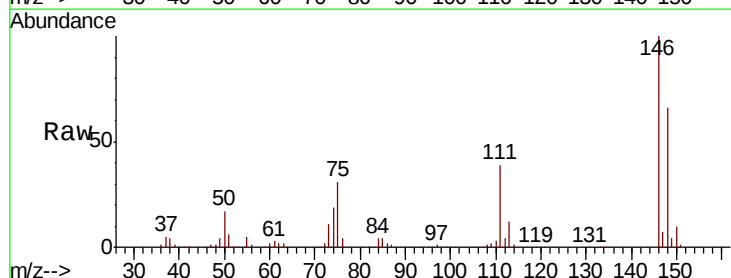
Tgt Ion:146 Resp: 189544

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

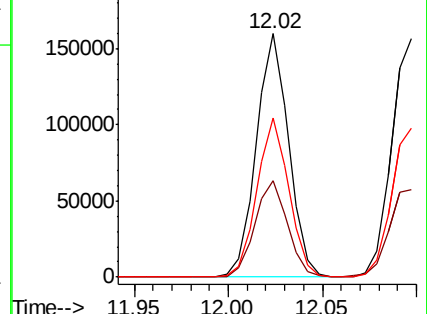
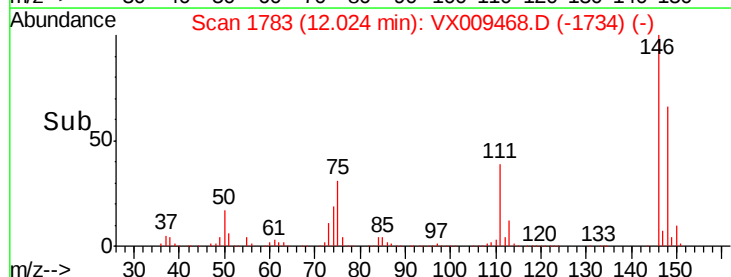
148 64.6 31.8 95.3

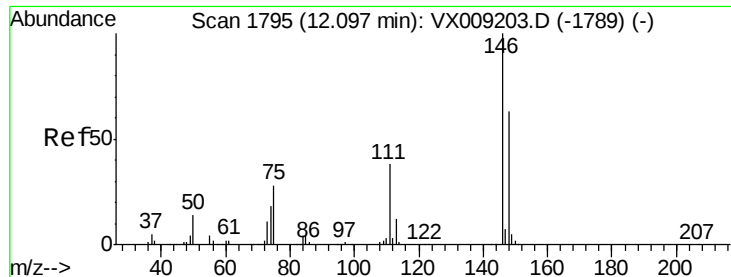


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 52.124 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampled :

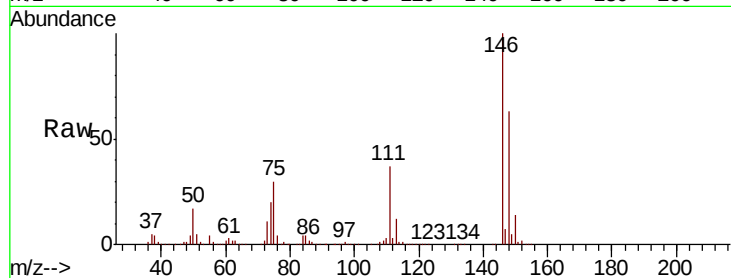
Tot Ion:146 Resp: 190925

Ion Ratio Lower Upper

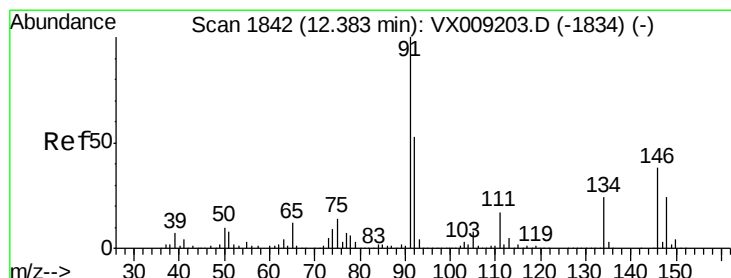
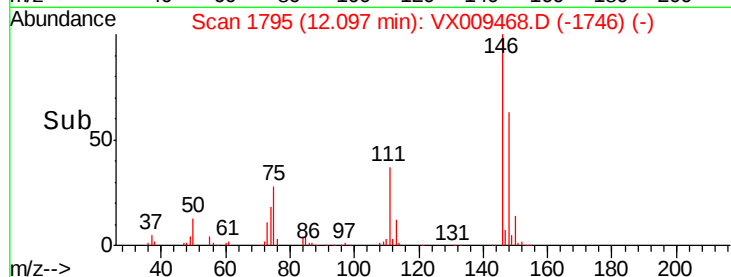
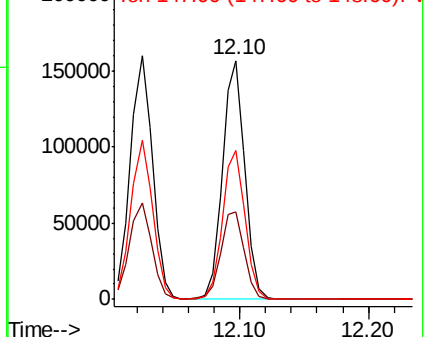
146 100

111 38.9 19.6 58.8

148 63.5 31.8 95.3



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



#89

n-Butylbenzene

Concen: 50.472 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

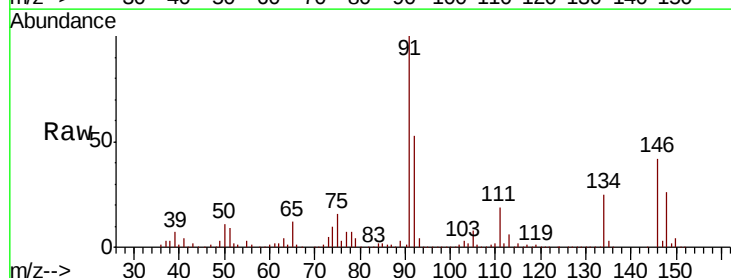
Tgt Ion: 91 Resp: 327015

Ion Ratio Lower Upper

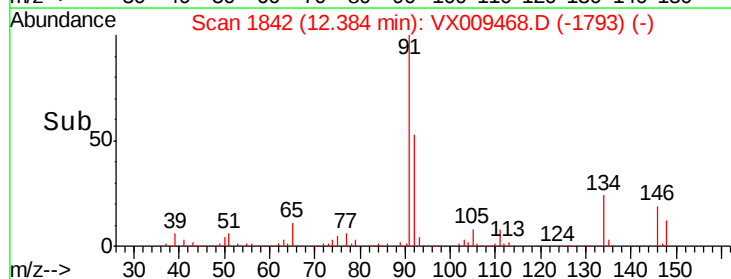
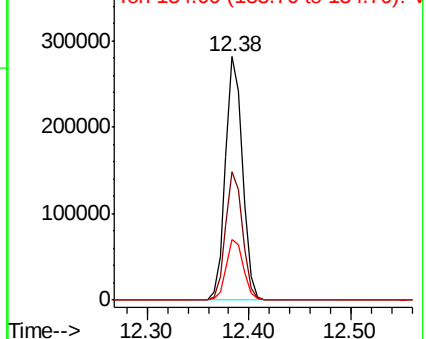
91 100

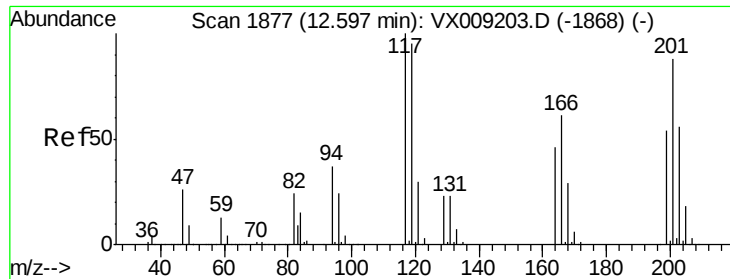
92 52.5 26.5 79.5

134 25.2 12.4 37.2



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

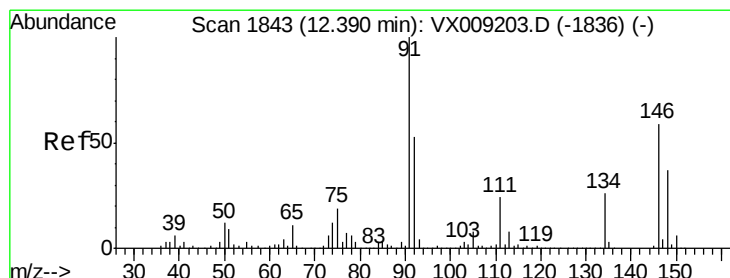
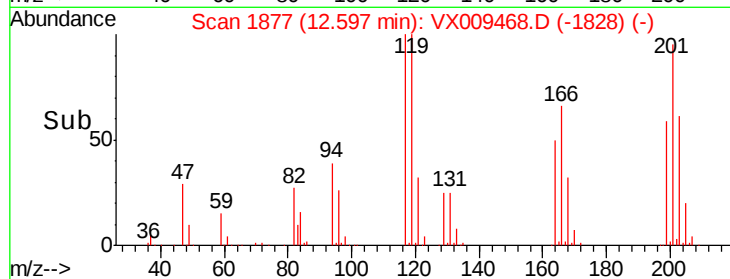
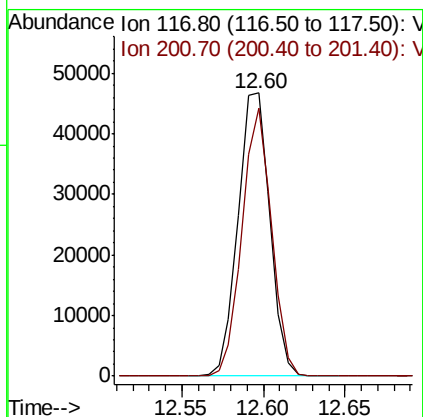
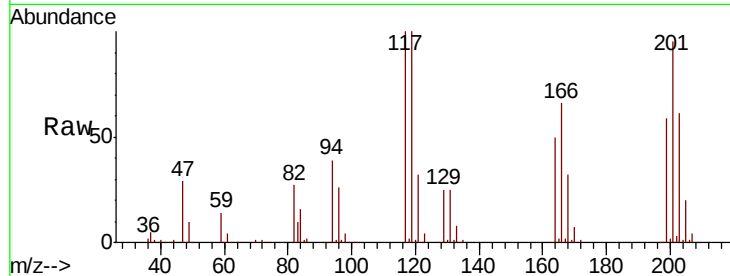




#90
Hexachloroethane
Concen: 52.164 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

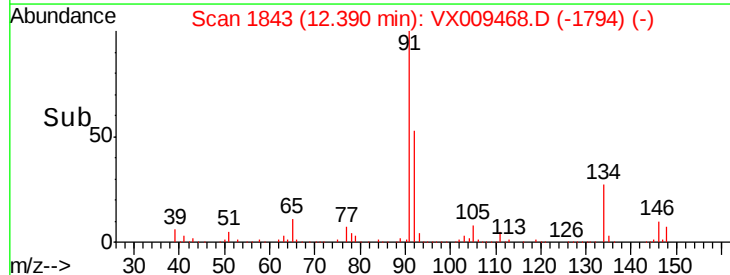
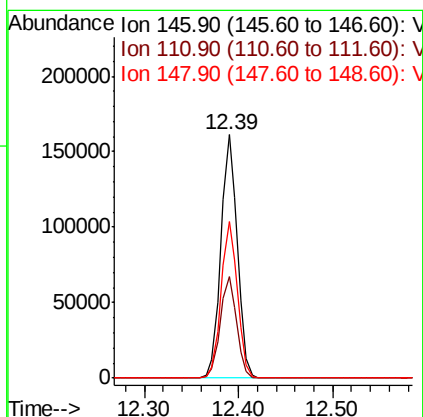
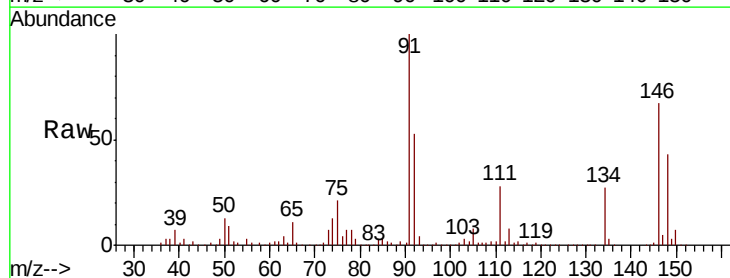
Instrument :
MSVOA_X
ClientSampled :

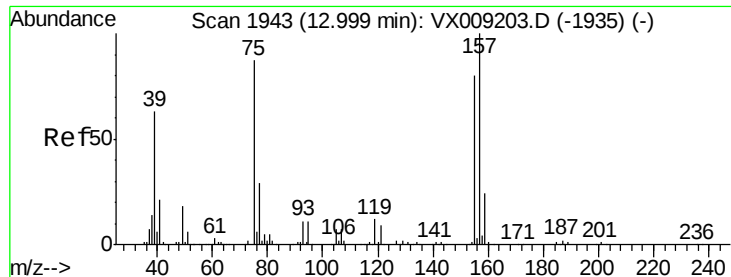
Tot Ion:117 Resp: 63706
Ion Ratio Lower Upper
117 100
201 87.8 42.3 126.9



#91
1,2-Dichlorobenzene
Concen: 52.607 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009468.D
Acq: 10 May 2019 07:42

Tgt Ion:146 Resp: 194674
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 64.0 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.418 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

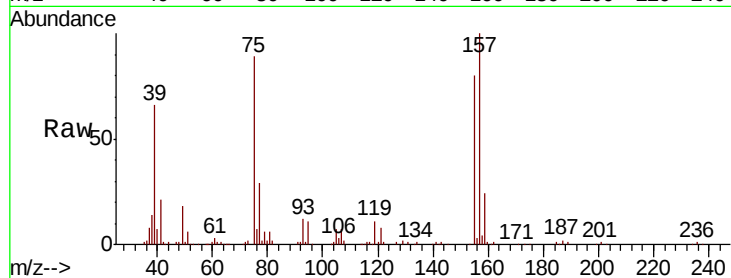
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 35994

Ion	Ratio	Lower	Upper
75	100		
155	83.8	42.0	126.0
157	109.0	53.2	159.6

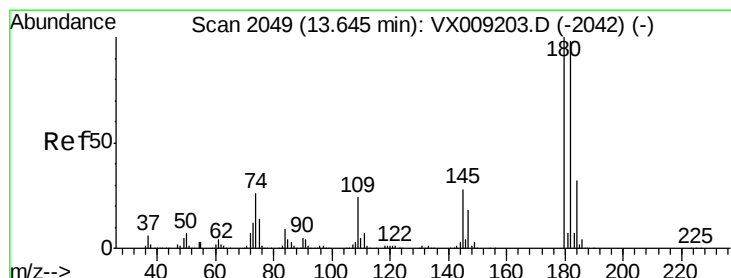
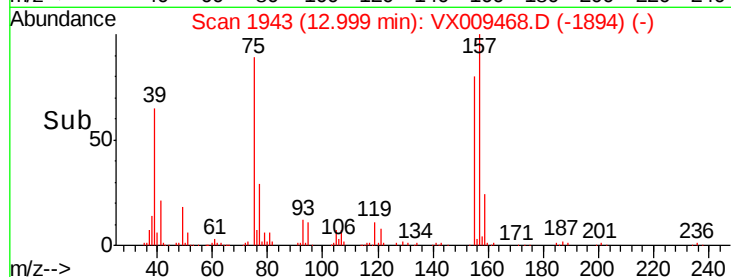
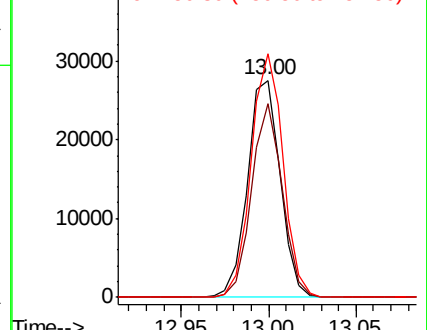


Abundance

Ion 74.90 (74.60 to 75.60): VX

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 52.645 ug/l

RT: 13.65 min Scan# 2049

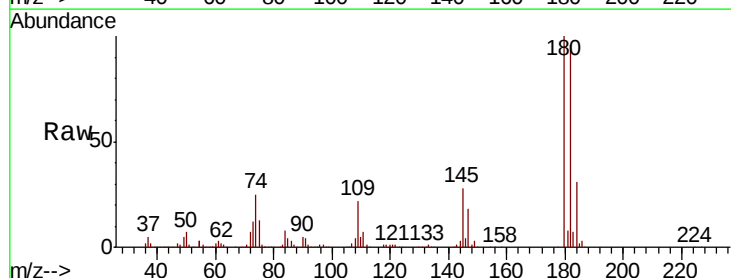
Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Tgt Ion:180 Resp: 133222

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.2
145	29.3	14.6	43.8

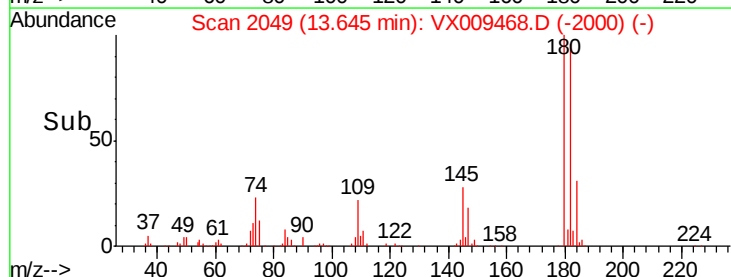
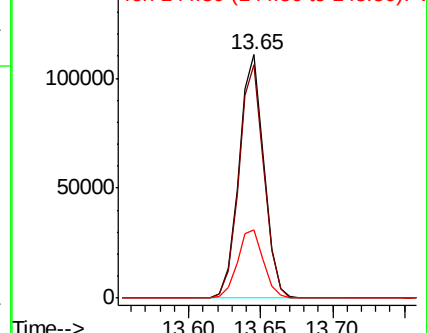


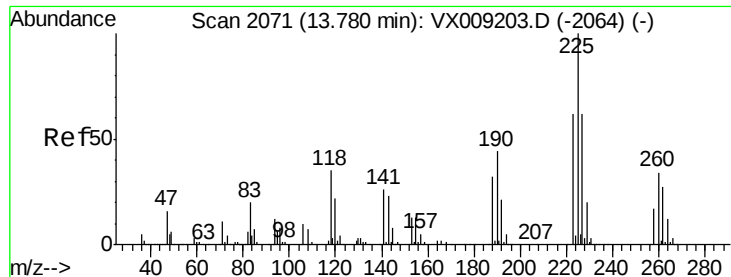
Abundance

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: 49.640 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

Instrument :

MSVOA_X

ClientSampleId :

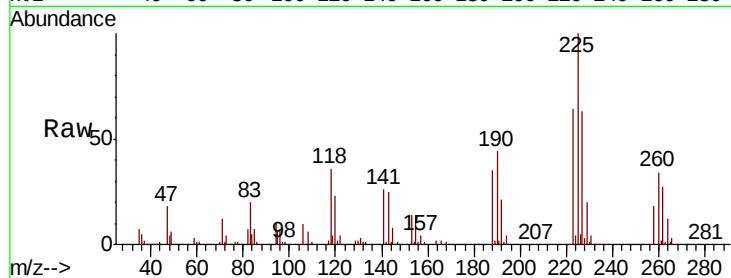
Tot Ion:225 Resp: 64148

Ion Ratio Lower Upper

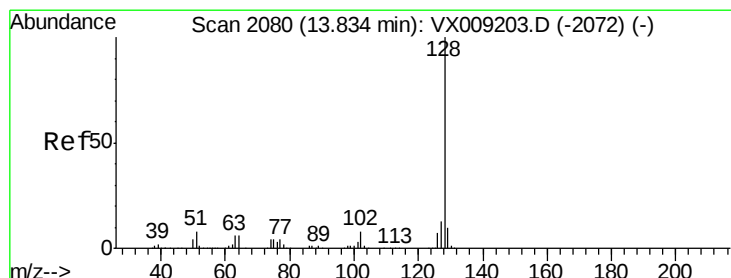
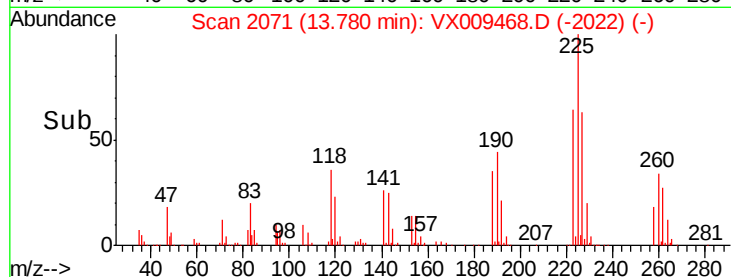
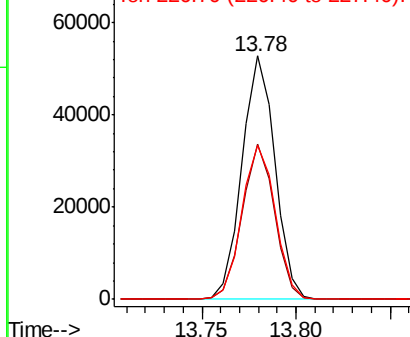
225 100

223 62.4 31.3 93.8

227 64.3 31.8 95.3



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: 53.163 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009468.D

Acq: 10 May 2019 07:42

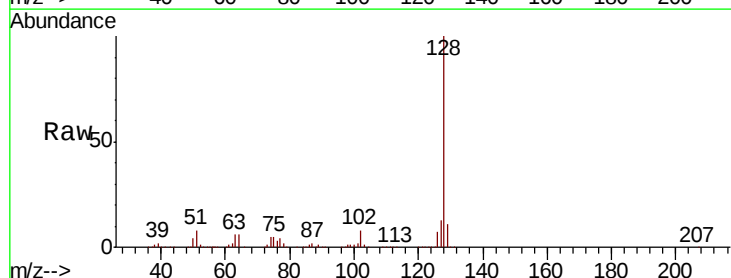
Tgt Ion:128 Resp: 437693

Ion Ratio Lower Upper

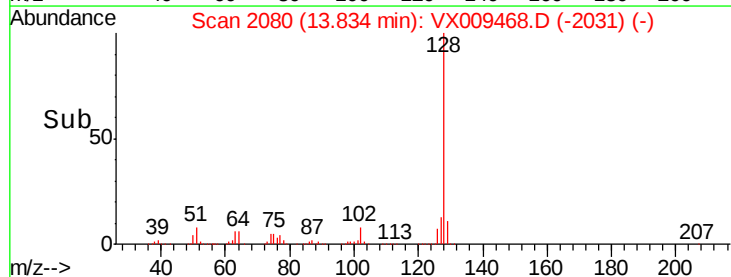
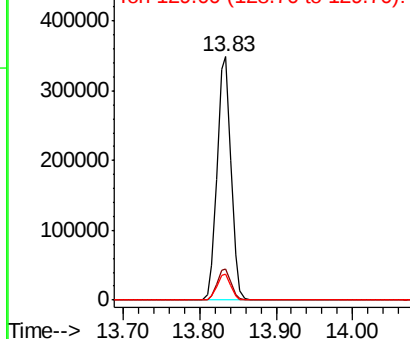
128 100

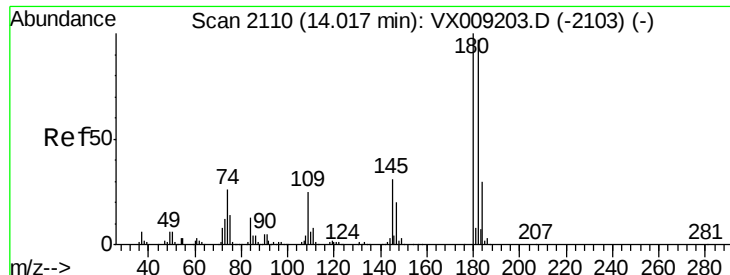
127 12.9 10.4 15.6

129 10.7 8.6 13.0



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

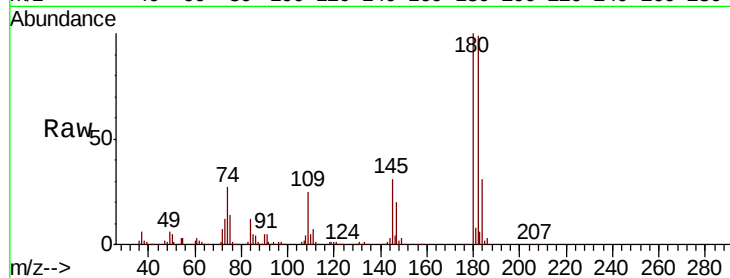




#96
 1,2,3-Trichlorobenzene
 Concen: 52.349 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009468.D
 Acq: 10 May 2019 07:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.4
145	30.3	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

