

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009559.D
 Acq On : 14 May 2019 13:26
 Operator : JC/SP
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Quant Time: May 15 01:53:09 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	5.66	168	163987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112771	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	101406	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	
35) Dibromofluoromethane	5.49	113	75588	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	8.71	98	301951	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.13	95	109181	45.90	ug/l	0.00
Spiked Amount			Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22388	14.815	ug/l	98
3) Chloromethane	1.32	50	33863	16.413	ug/l	99
4) Vinyl Chloride	1.41	62	32893	16.350	ug/l	99
5) Bromomethane	1.64	94	20807	17.231	ug/l	100
6) Chloroethane	1.72	64	21492	16.639	ug/l	98
7) Trichlorofluoromethane	1.93	101	41739	17.068	ug/l	98
8) Diethyl Ether	2.18	74	19607	16.926	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26093	16.991	ug/l	100
10) Methyl Iodide	2.51	142	27552	18.617	ug/l	98
11) Tert butyl alcohol	3.04	59	43699	84.331	ug/l	98
12) 1,1-Dichloroethene	2.37	96	26048	16.929	ug/l	97
13) Acrolein	2.29	56	37477	79.860	ug/l	100
14) Allyl chloride	2.73	41	61464	16.391	ug/l	100
15) Acrylonitrile	3.14	53	105474	83.247	ug/l	99
16) Acetone	2.44	43	102473	85.249	ug/l	99
17) Carbon Disulfide	2.57	76	70695	16.365	ug/l	99
18) Methyl Acetate	2.77	43	49384	17.275	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	101191	16.936	ug/l	100
20) Methylene Chloride	2.85	84	31569	16.220	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	28277	16.946	ug/l	98
22) Diisopropyl ether	3.85	45	122884	17.041	ug/l	94
23) Vinyl Acetate	3.81	43	544166	88.123	ug/l	100
24) 1,1-Dichloroethane	3.70	63	59146	16.626	ug/l	100
25) 2-Butanone	4.67	43	160305	85.819	ug/l	98
26) 2,2-Dichloropropane	4.58	77	44362	16.754	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	32701	16.418	ug/l	98
28) Bromochloromethane	5.01	49	23935	14.784	ug/l	100
29) Tetrahydrofuran	5.12	42	103730	86.297	ug/l	99
30) Chloroform	5.21	83	54834	17.043	ug/l	99
31) Cyclohexane	5.58	56	56002	16.921	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	44550	16.633	ug/l	99
36) 1,1-Dichloropropene	5.80	75	40406	16.856	ug/l	99
37) Ethyl Acetate	4.83	43	58996	17.664	ug/l	99
38) Carbon Tetrachloride	5.78	117	37359	17.153	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0514WBSD01

Quant Time: May 15 01:53:09 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)
39) Methylcyclohexane	7.46	83	50973	17.315	ug/l	98
40) Benzene	6.14	78	128744	17.354	ug/l	99
41) Methacrylonitrile	5.04	41	33405	16.802	ug/l	97
42) 1,2-Dichloroethane	6.19	62	47196	17.735	ug/l	99
43) Isopropyl Acetate	6.45	43	92645	17.342	ug/l	100
44) Trichloroethene	7.21	130	30443	16.974	ug/l	97
45) 1,2-Dichloropropane	7.51	63	36479	17.365	ug/l	98
46) Dibromomethane	7.66	93	20728	16.992	ug/l	97
47) Bromodichloromethane	7.90	83	41189	16.927	ug/l	98
48) Methyl methacrylate	7.77	41	45829	17.291	ug/l	99
49) 1,4-Dioxane	7.74	88	18533	344.792	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	306809	87.864	ug/l	100
52) Toluene	8.78	92	78269	17.356	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47003	17.109	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	52902	17.397	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	32296	17.554	ug/l	97
56) Ethyl methacrylate	9.18	69	56387	17.169	ug/l	99
57) 1,3-Dichloropropane	9.37	76	55554	17.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	152237	87.381	ug/l	99
59) 2-Hexanone	9.49	43	241162	87.936	ug/l	98
60) Dibromochloromethane	9.58	129	30518	16.984	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32515	17.508	ug/l	99
64) Tetrachloroethene	9.34	164	27209	17.154	ug/l	96
65) Chlorobenzene	10.13	112	81281	17.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	28891	17.228	ug/l	99
67) Ethyl Benzene	10.25	91	147980	17.383	ug/l	98
68) m/p-Xylenes	10.36	106	108596	34.909	ug/l	98
69) o-Xylene	10.69	106	53517	17.436	ug/l	100
70) Styrene	10.71	104	92568	17.352	ug/l	100
71) Bromoform	10.85	173	22848	16.766	ug/l #	99
73) Isopropylbenzene	11.02	105	143332	17.478	ug/l	98
74) N-amyl acetate	10.90	43	83365	17.437	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	53644	17.548	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59732	22.834	ug/l	82
77) Bromobenzene	11.26	156	35702	17.540	ug/l	98
78) n-propylbenzene	11.36	91	162931	17.397	ug/l	100
79) 2-Chlorotoluene	11.42	91	98310	17.014	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	121684	17.623	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16402	16.043	ug/l	92
82) 4-Chlorotoluene	11.51	91	111888	17.141	ug/l	99
83) tert-Butylbenzene	11.77	119	115964	17.264	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	122157	17.625	ug/l	100
85) sec-Butylbenzene	11.94	105	138666	17.413	ug/l	100
86) p-Isopropyltoluene	12.06	119	125277	17.499	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	62010	17.090	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	62854	17.182	ug/l	98
89) n-Butylbenzene	12.38	91	109271	16.887	ug/l	99
90) Hexachloroethane	12.59	117	20590	16.881	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	62525	16.918	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12022	17.530	ug/l	99

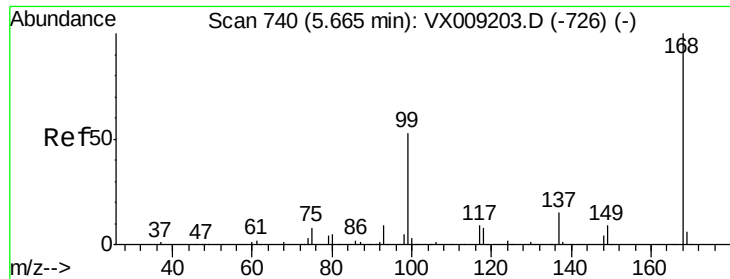
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
Data File : VX009559.D
Acq On : 14 May 2019 13:26
Operator : JC/SP
Sample : VX0514WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Quant Time: May 15 01:53:09 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)
93) 1,2,4-Trichlorobenzene	13.65	180	44226	17.499	ug/l	98
94) Hexachlorobutadiene	13.78	225	22461	17.404	ug/l	99
95) Naphthalene	13.83	128	144039	17.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45163	17.629	ug/l	100

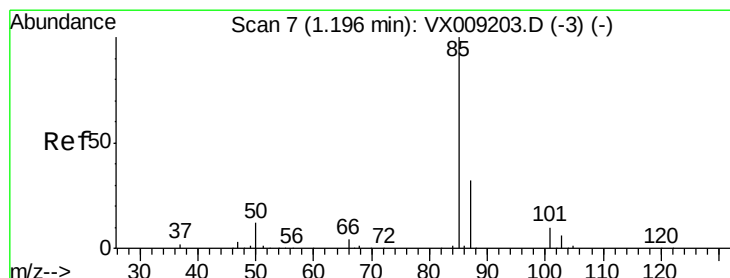
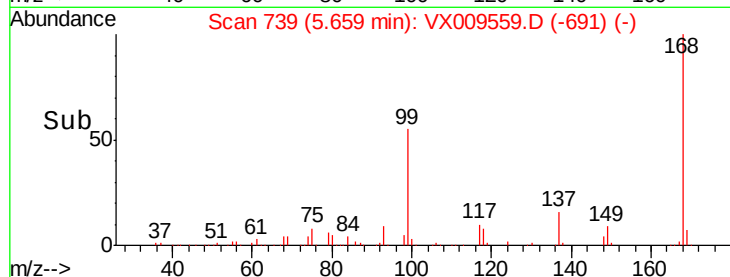
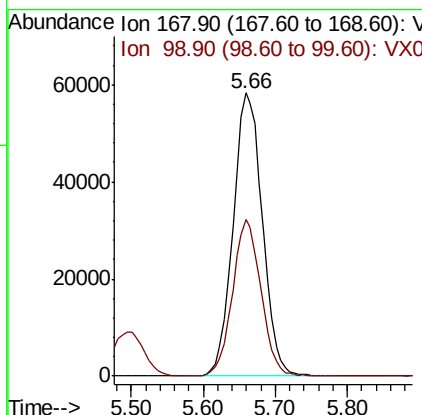
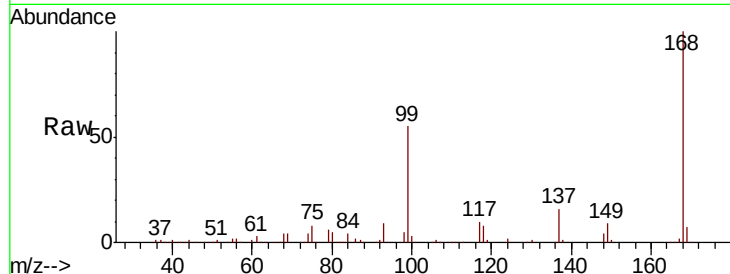
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

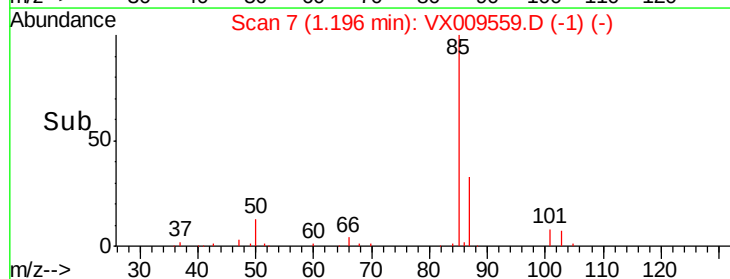
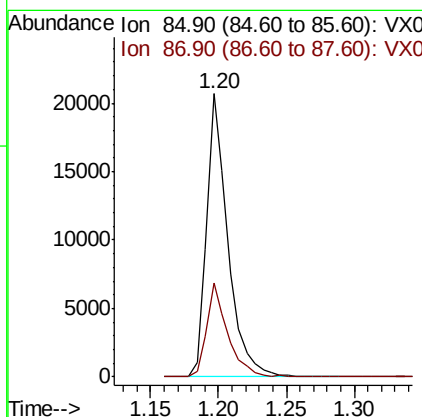
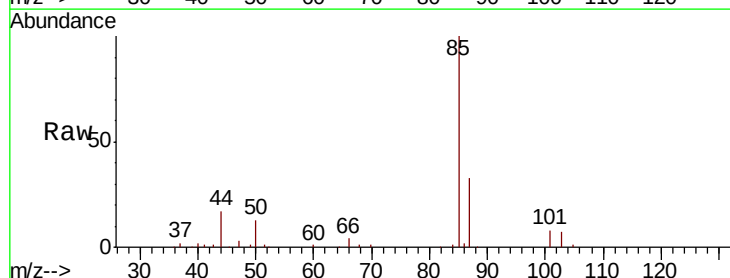
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

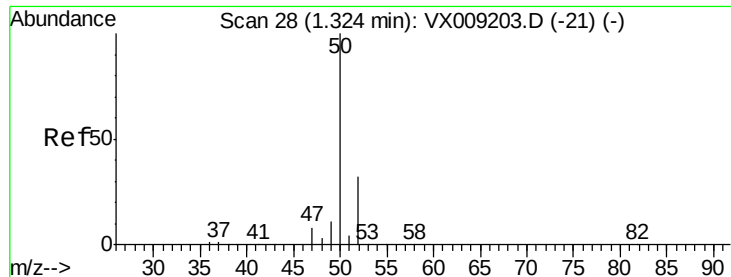
Tot Ion:168 Resp: 163987
Ion Ratio Lower Upper
168 100
99 55.2 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 14.815 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 85 Resp: 22388
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.3





#3

Chloromethane

Concen: 16.413 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

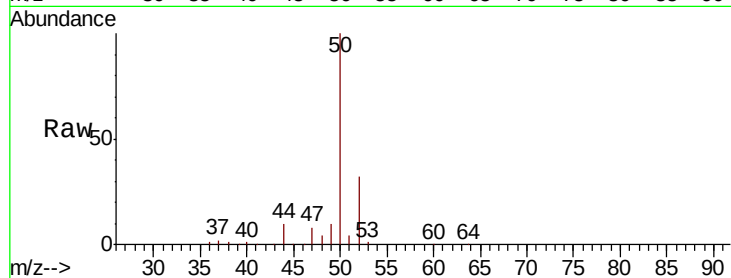
VX0514WBSD01

Tot Ion: 50 Resp: 33863

Ion Ratio Lower Upper

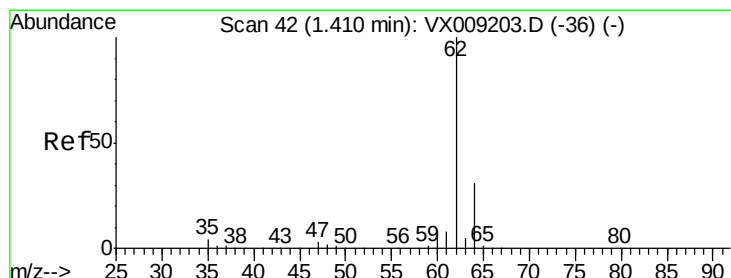
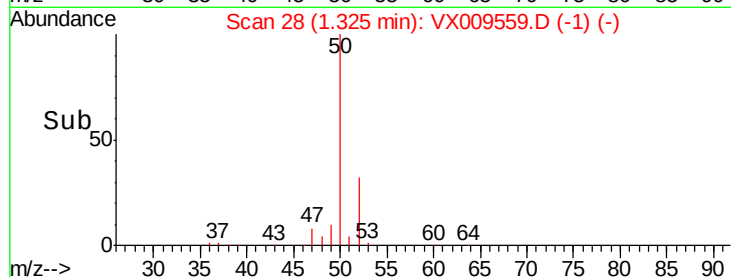
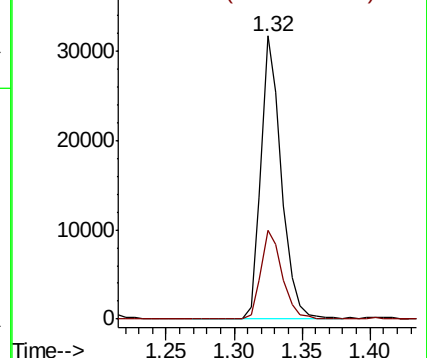
50 100

52 31.6 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: 16.350 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009559.D

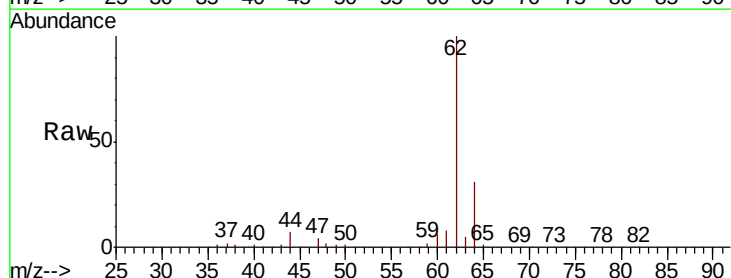
Acq: 14 May 2019 13:26

Tgt Ion: 62 Resp: 32893

Ion Ratio Lower Upper

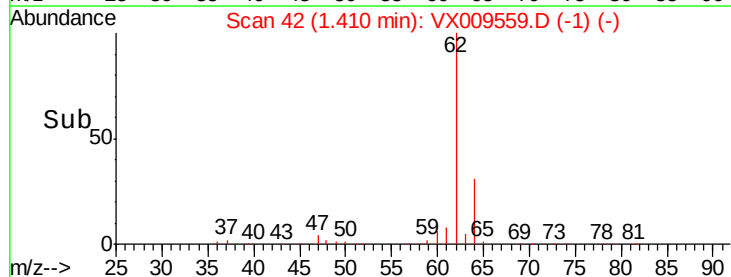
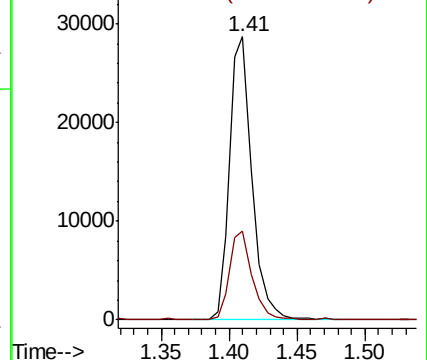
62 100

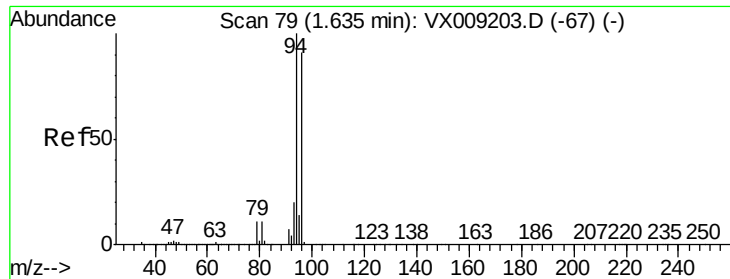
64 31.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.231 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

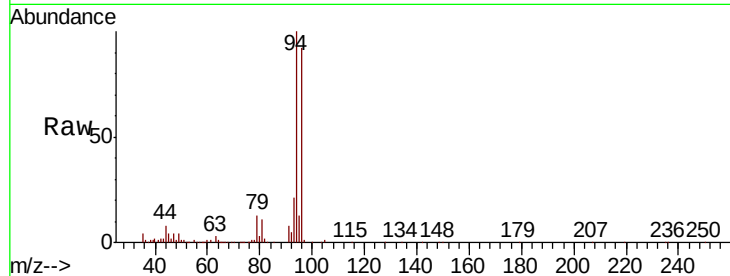
VX0514WBSD01

Tot Ion: 94 Resp: 20807

Ion Ratio Lower Upper

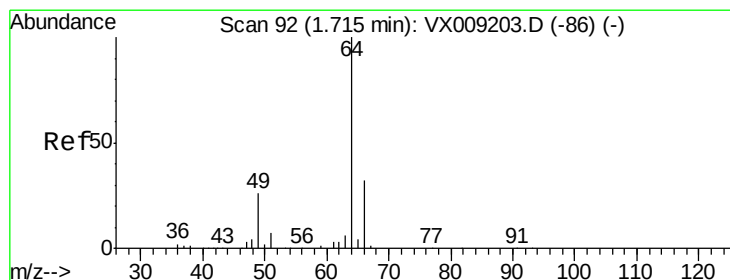
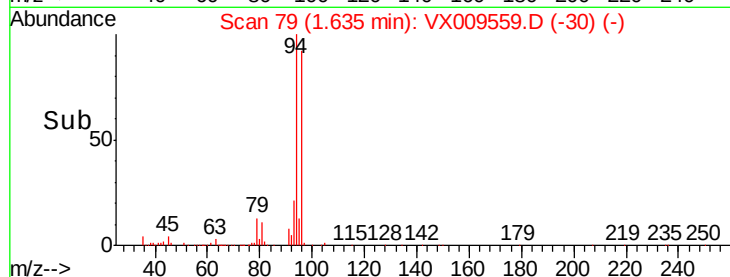
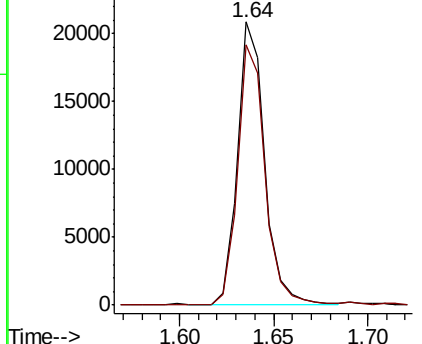
94 100

96 91.6 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: 16.639 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009559.D

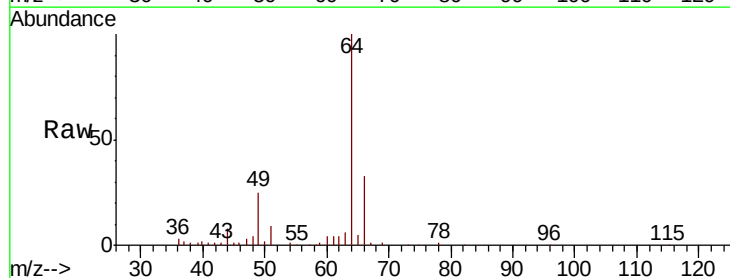
Acq: 14 May 2019 13:26

Tgt Ion: 64 Resp: 21492

Ion Ratio Lower Upper

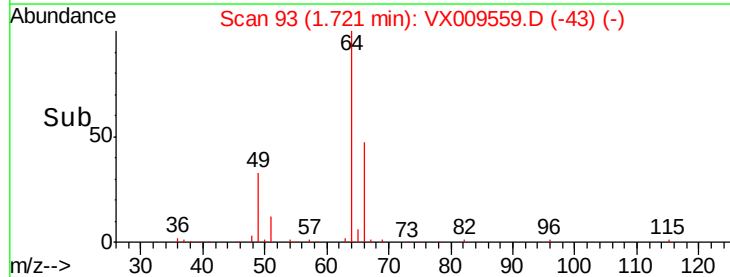
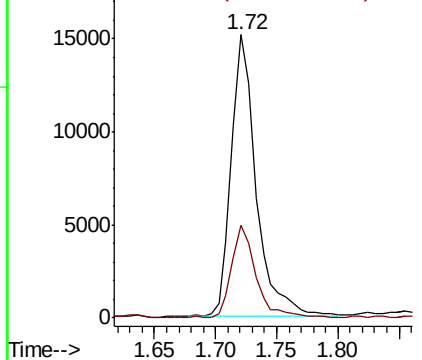
64 100

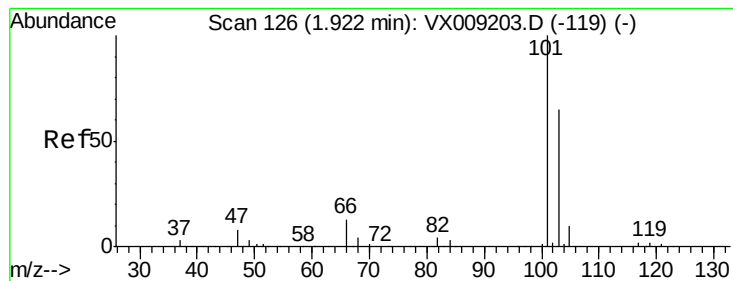
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



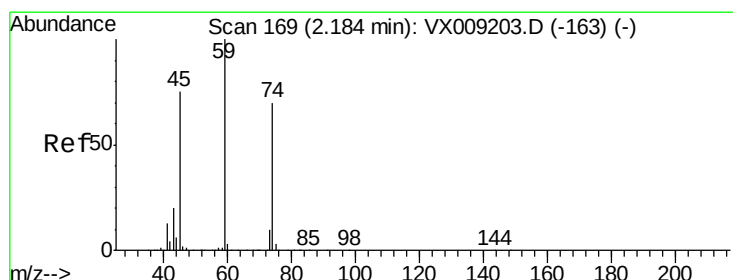
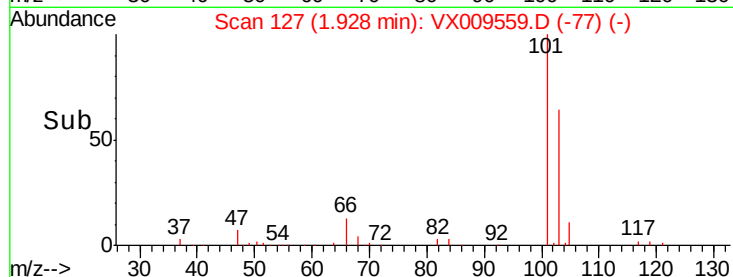
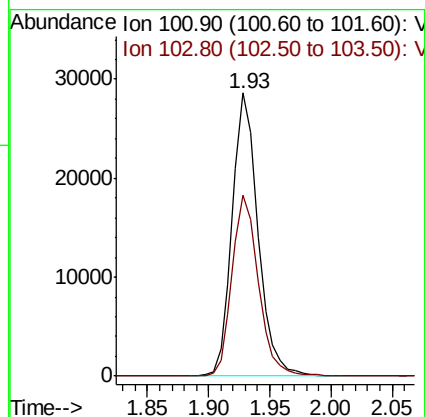
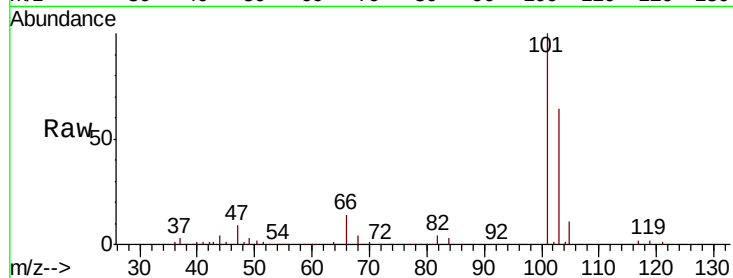


#7

Trichlorofluoromethane
 Concen: 17.068 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

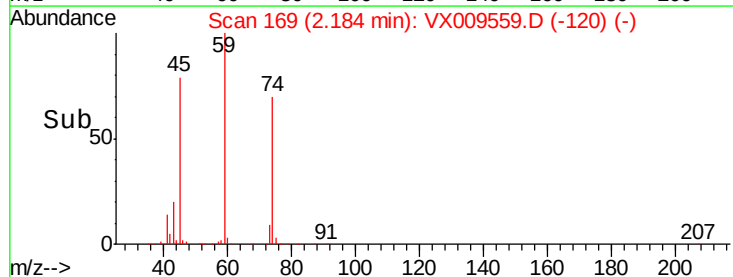
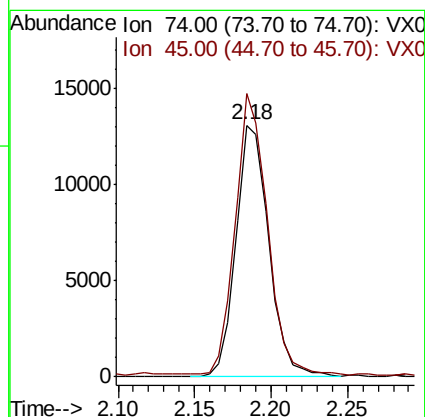
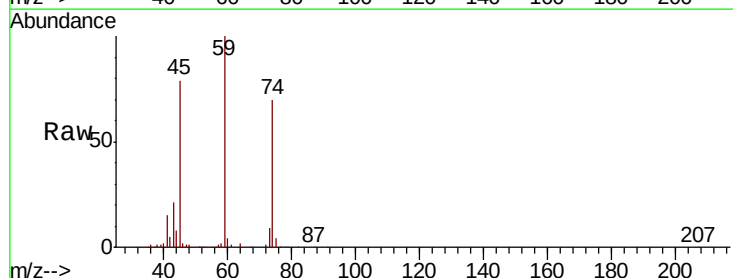
Tot Ion:101 Resp: 41739
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.4 78.6

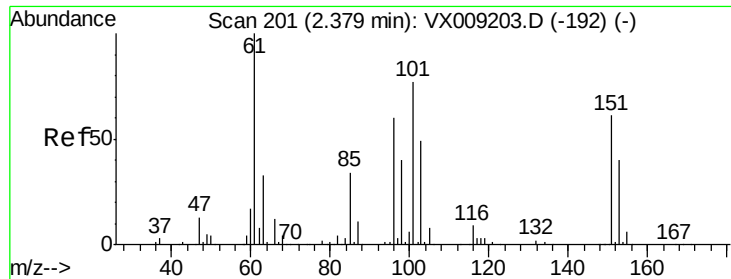


#8

Diethyl Ether
 Concen: 16.926 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 74 Resp: 19607
 Ion Ratio Lower Upper
 74 100
 45 108.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.991 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

VX0514WBSD01

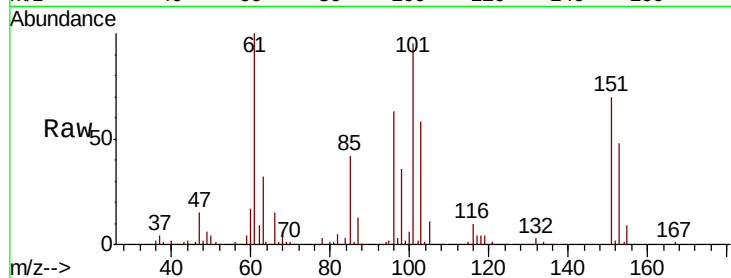
Tot Ion:101 Resp: 26093

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

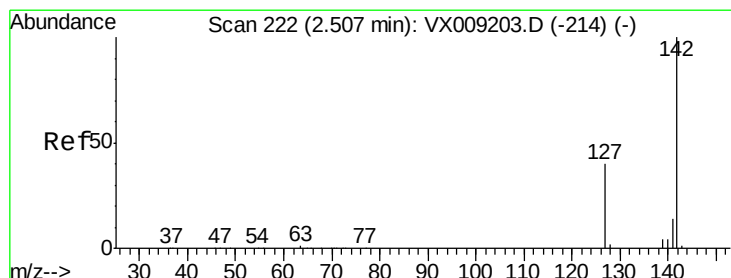
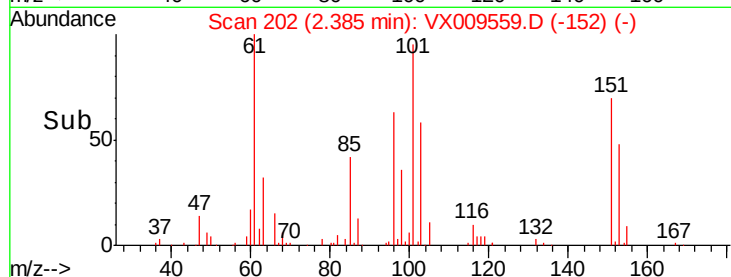
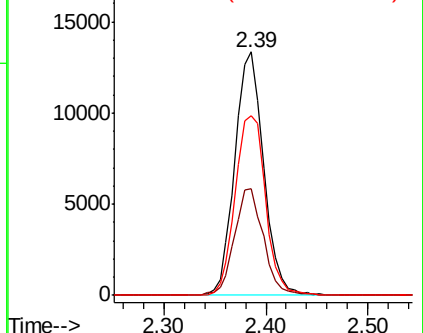
151 77.7 62.2 93.2



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: 18.617 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

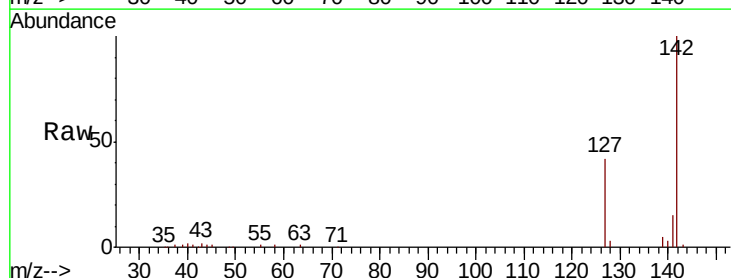
Tgt Ion:142 Resp: 27552

Ion Ratio Lower Upper

142 100

127 42.4 32.7 49.1

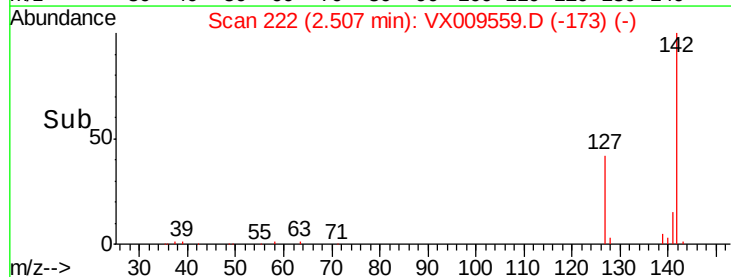
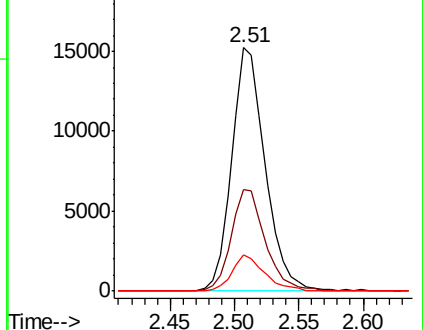
141 14.7 11.5 17.3

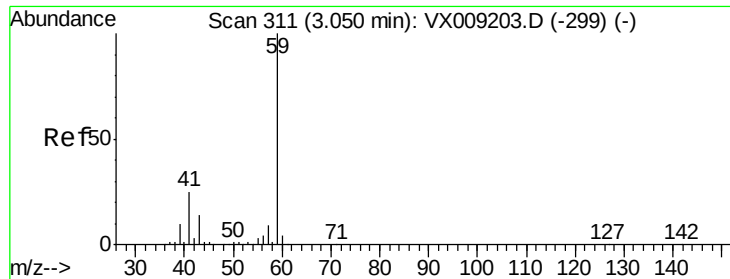


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

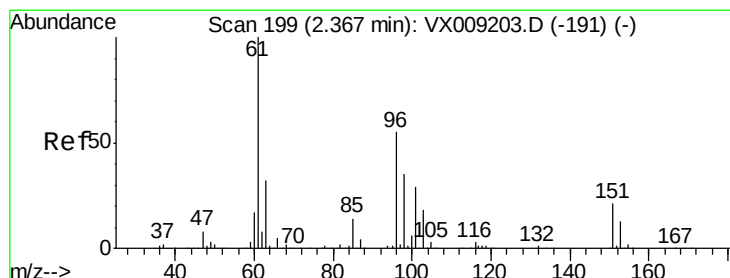
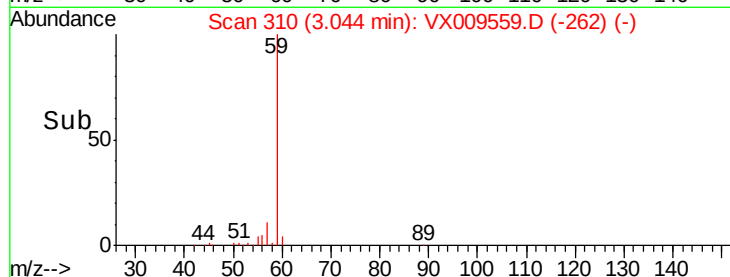
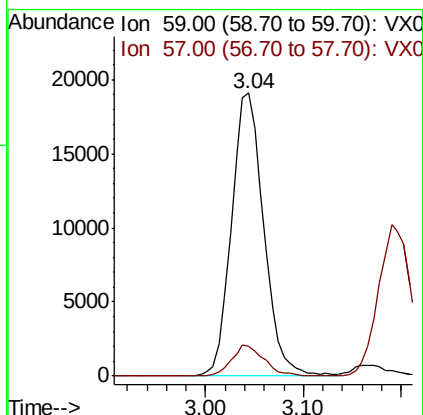
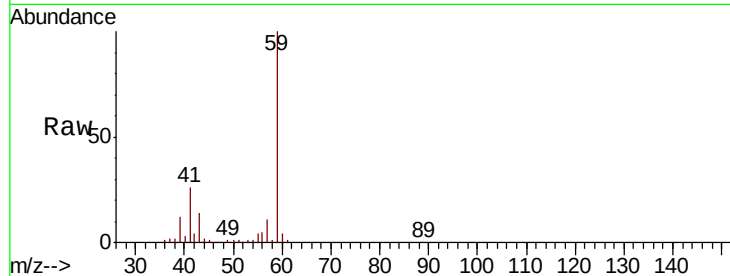




#11
Tert butyl alcohol
Concen: 84.331 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

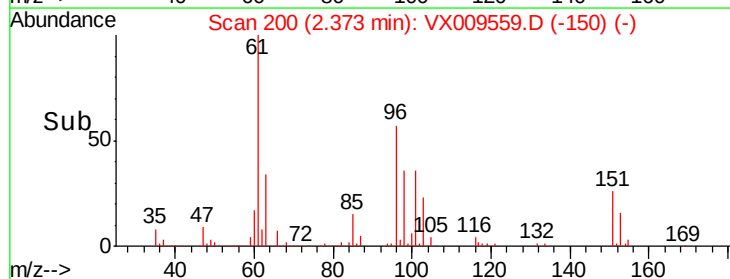
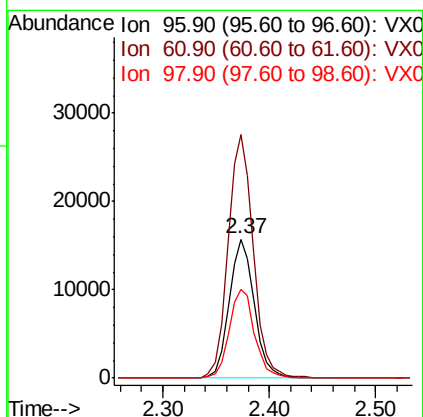
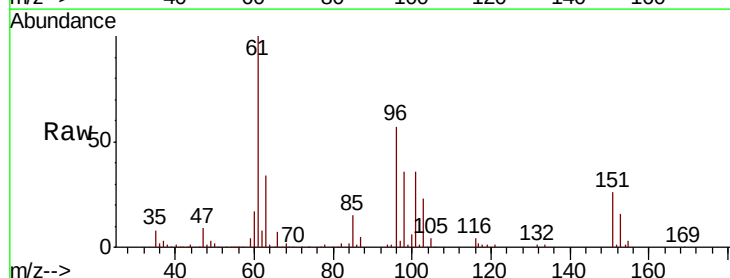
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

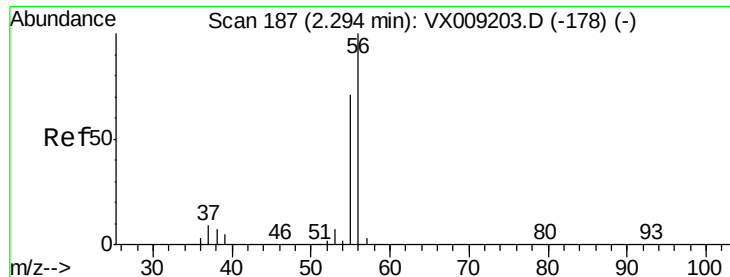
Tot Ion: 59 Resp: 43699
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 16.929 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 96 Resp: 26048
Ion Ratio Lower Upper
96 100
61 175.1 144.3 216.5
98 63.6 50.3 75.5





#13

Acrolein

Concen: 79.860 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

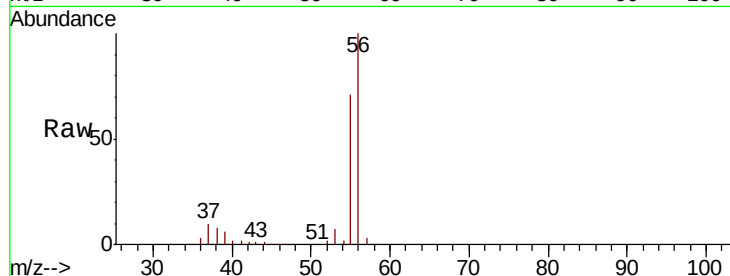
VX0514WBSD01

Tot Ion: 56 Resp: 37477

Ion Ratio Lower Upper

56 100

55 70.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

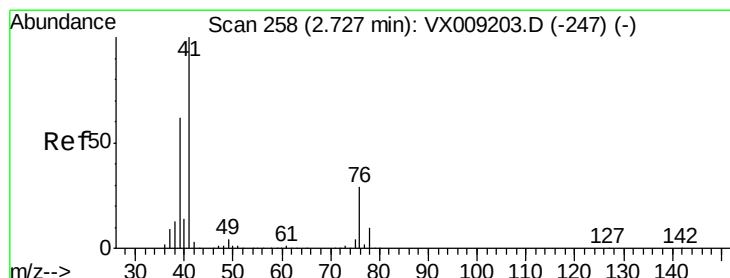
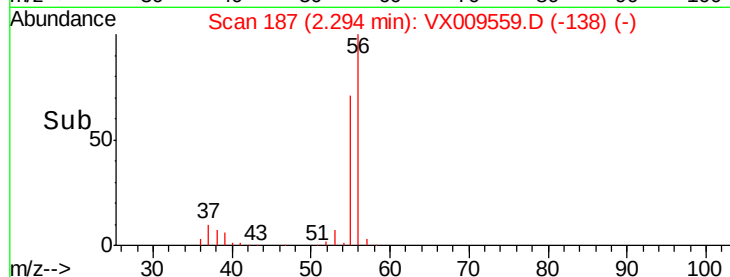
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 16.391 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

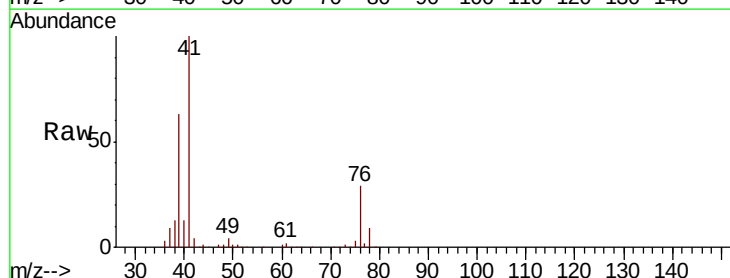
Tgt Ion: 41 Resp: 61464

Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

76 27.5 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

50000

40000

30000

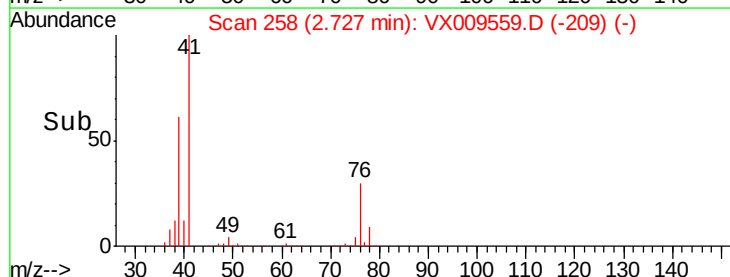
20000

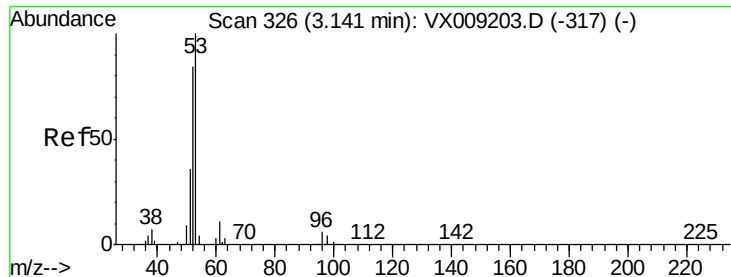
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 83.247 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

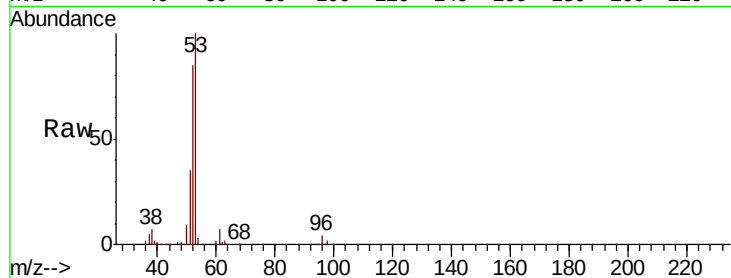
Tot Ion: 53 Resp: 105474

Ion Ratio Lower Upper

53 100

52 84.6 66.9 100.3

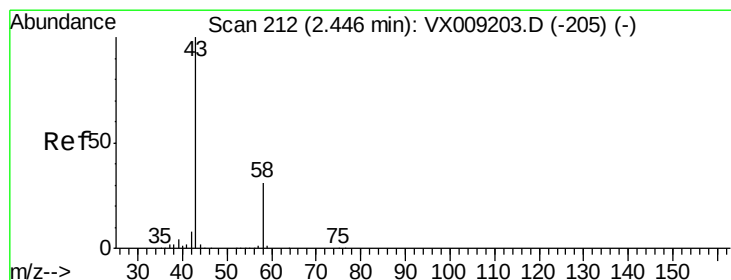
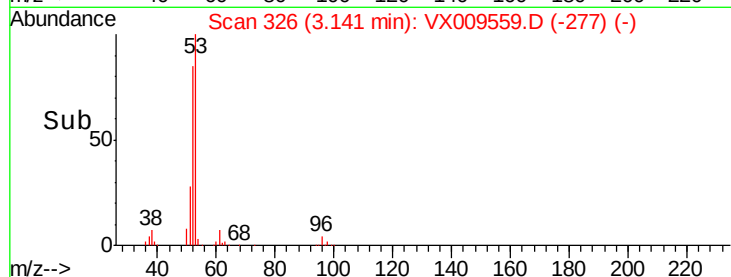
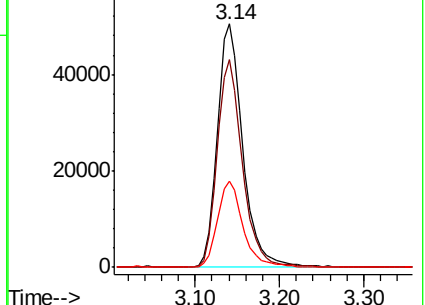
51 35.8 28.2 42.2



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: 85.249 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009559.D

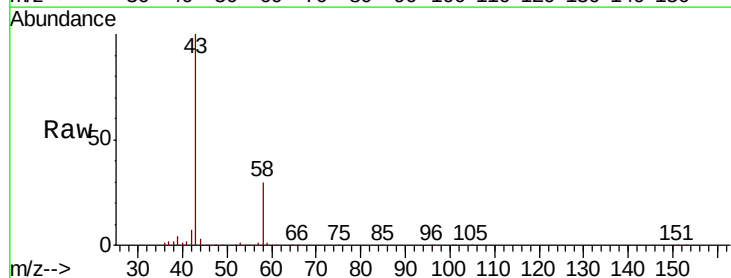
Acq: 14 May 2019 13:26

Tgt Ion: 43 Resp: 102473

Ion Ratio Lower Upper

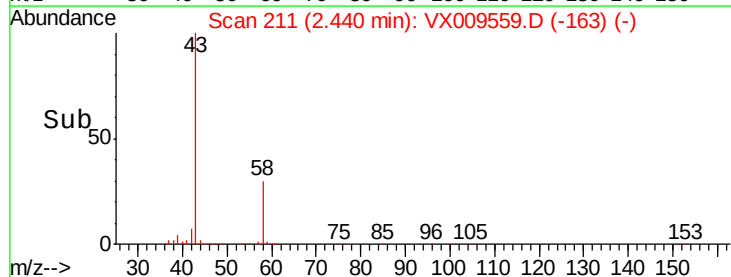
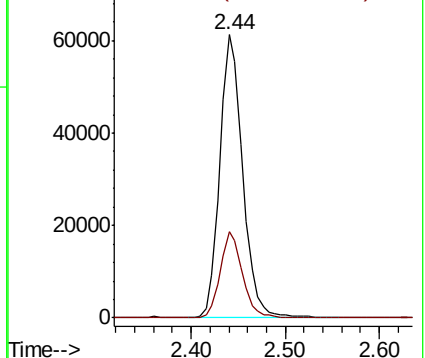
43 100

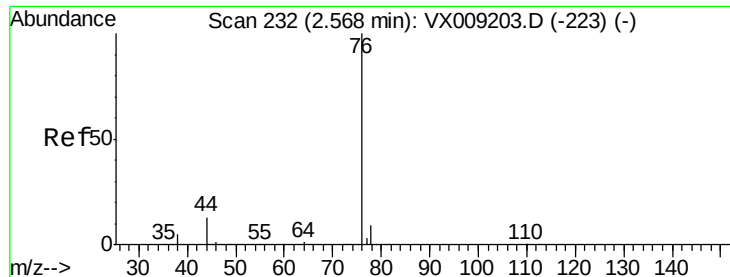
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

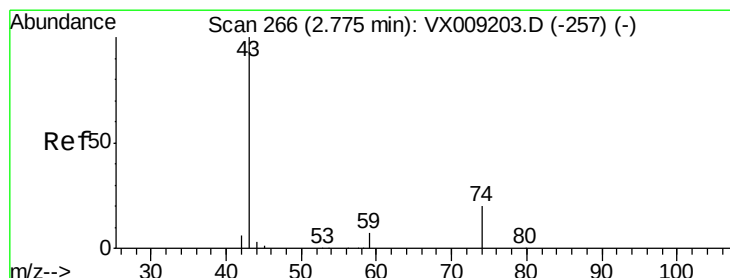
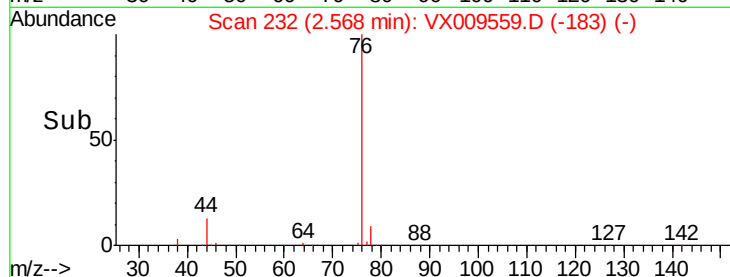
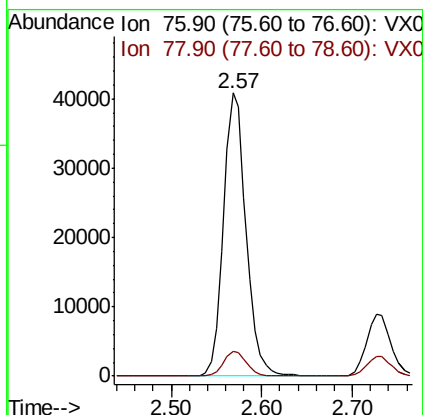
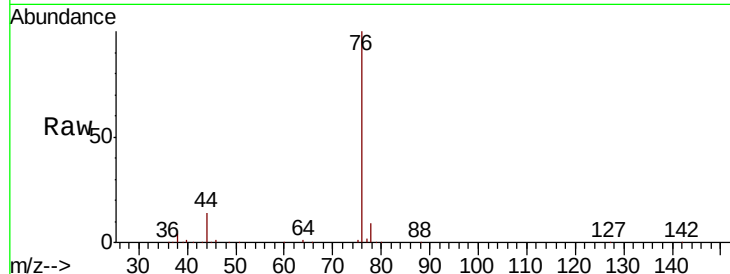




#17
Carbon Disulfide
Concen: 16.365 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

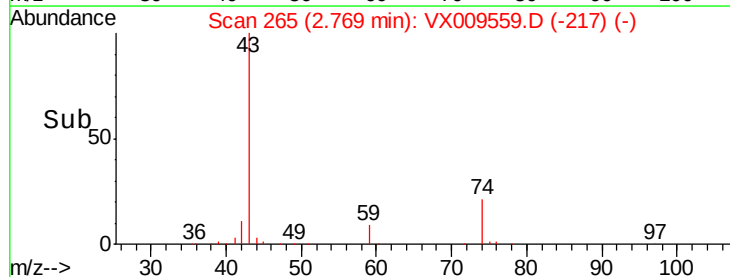
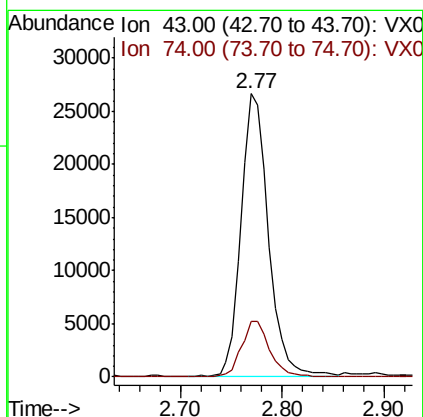
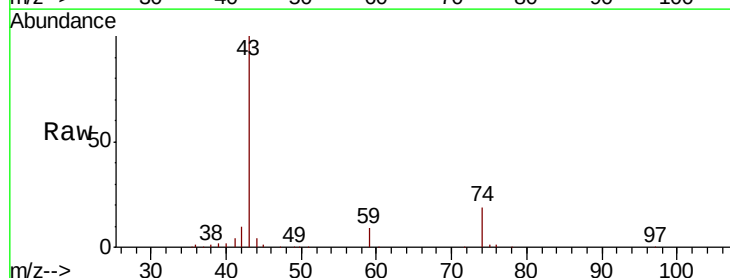
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

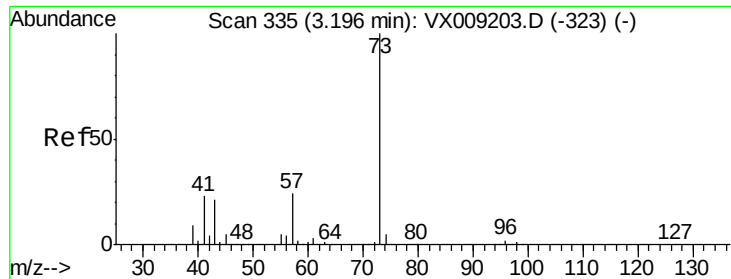
Tot Ion: 76 Resp: 70695
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 17.275 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 43 Resp: 49384
Ion Ratio Lower Upper
43 100
74 20.5 16.2 24.4

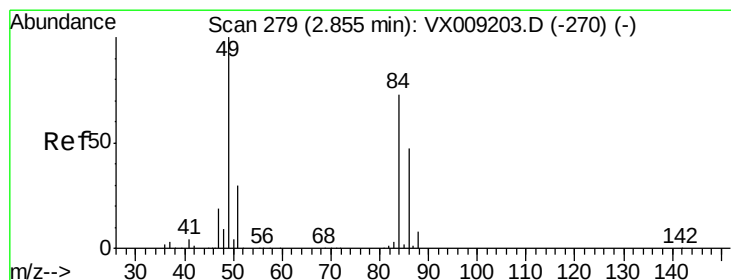
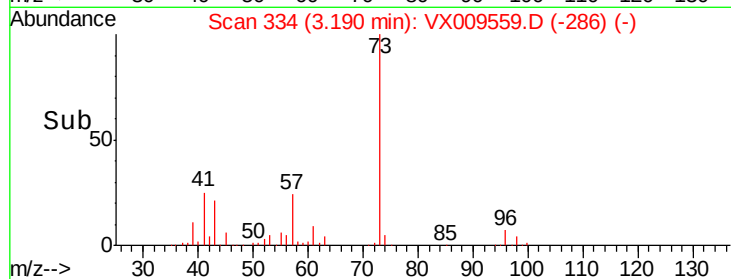
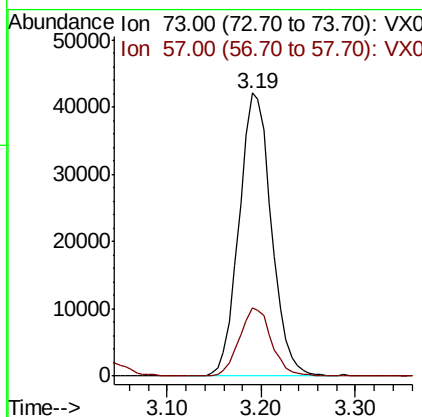
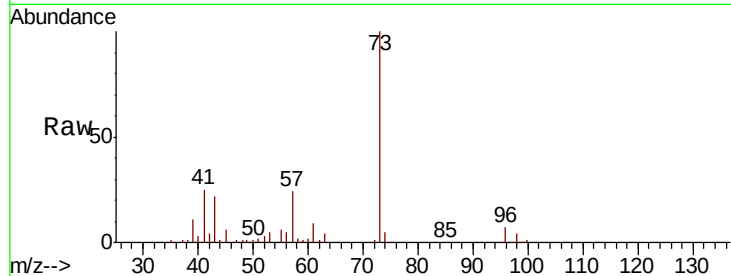




#19
Methvl tert-butvl Ether
Concen: 16.936 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

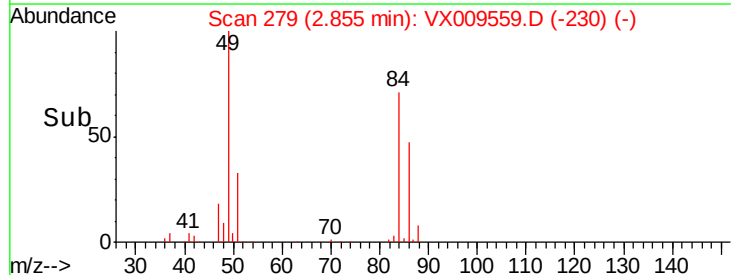
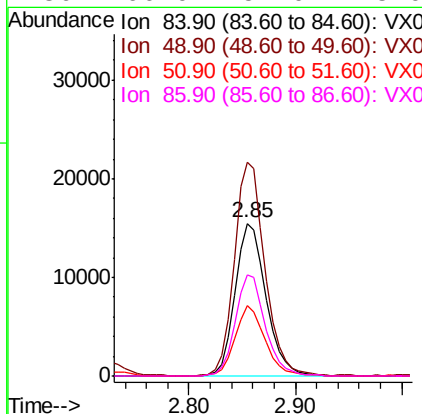
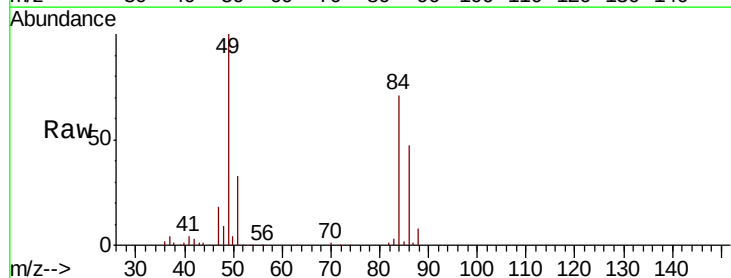
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

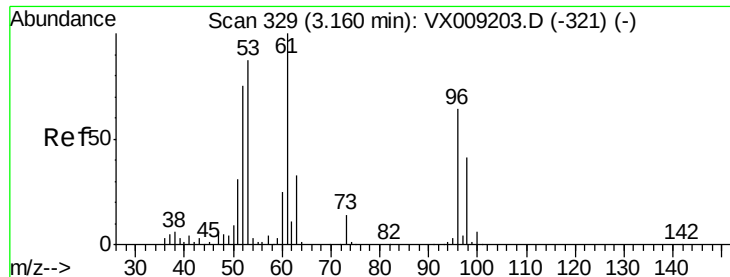
Tot Ion: 73 Resp: 101191
Ion Ratio Lower Upper
73 100
57 24.2 19.3 28.9



#20
Methylene Chloride
Concen: 16.220 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 84 Resp: 31569
Ion Ratio Lower Upper
84 100
49 139.9 109.9 164.9
51 46.1 32.7 49.1
86 66.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 16.946 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

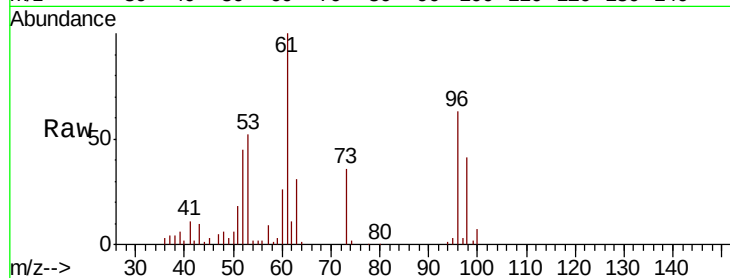
Tot Ion: 96 Resp: 28277

Ion Ratio Lower Upper

96 100

61 158.6 124.5 186.7

98 65.2 50.4 75.6

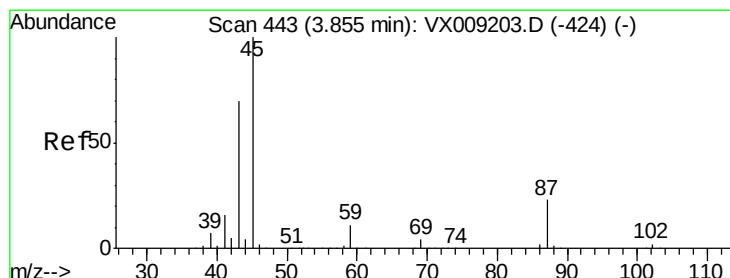
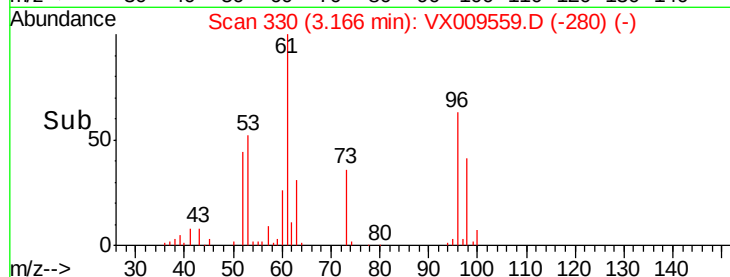
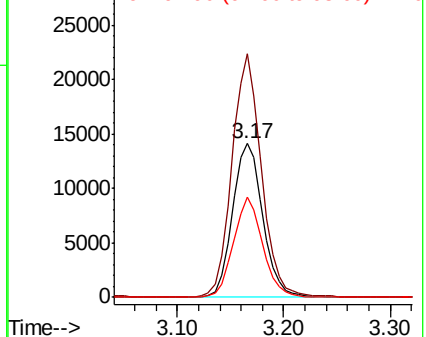


Abundance

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: 17.041 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Tgt Ion: 45 Resp: 122884

Ion Ratio Lower Upper

45 100

43 76.5 56.1 84.1

87 23.8 18.1 27.1

59 10.9 8.5 12.7

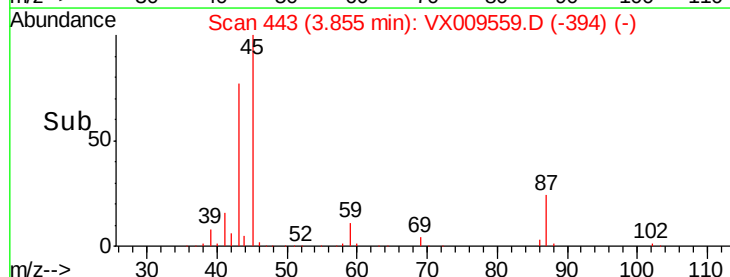
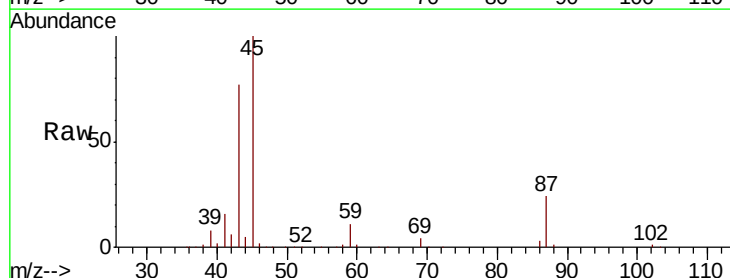
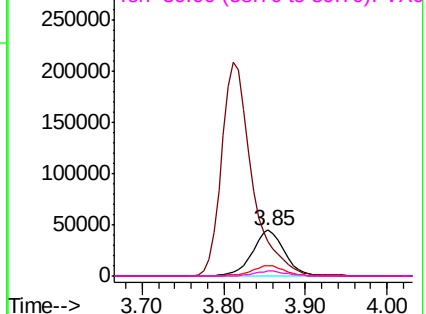
Abundance

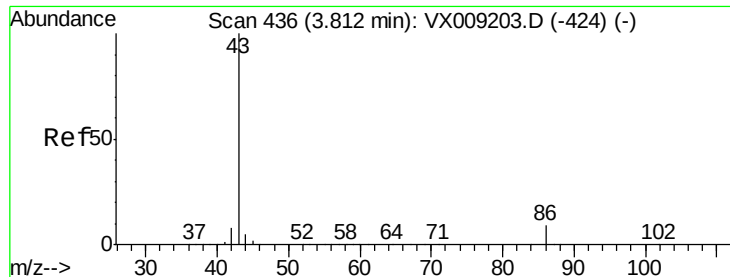
Ion 45.00 (44.70 to 45.70): VX0

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: 88.123 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

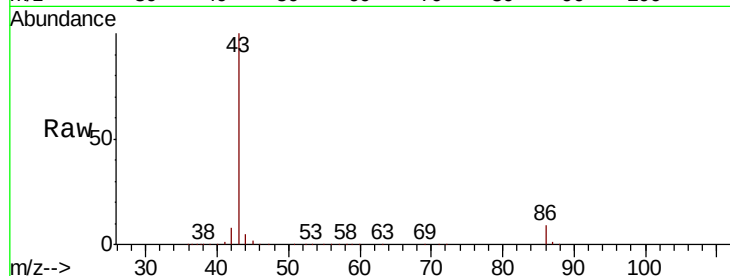
VX0514WBSD01

Tot Ion: 43 Resp: 544166

Ion Ratio Lower Upper

43 100

86 8.8 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

200000

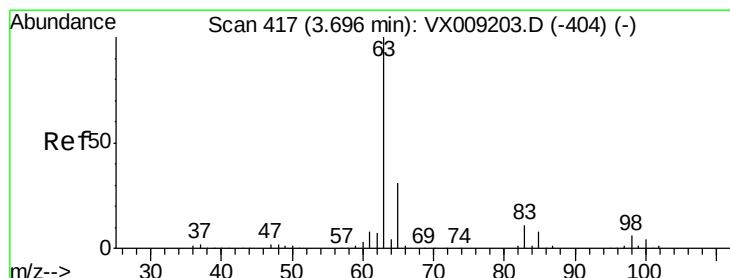
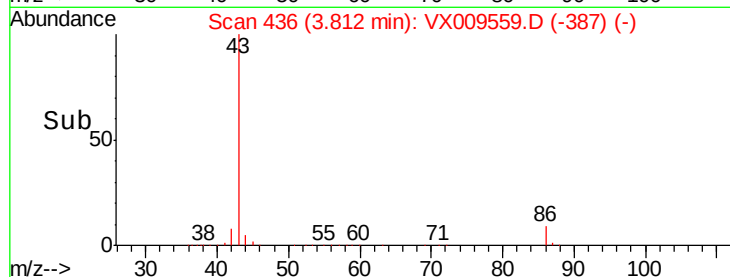
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.626 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

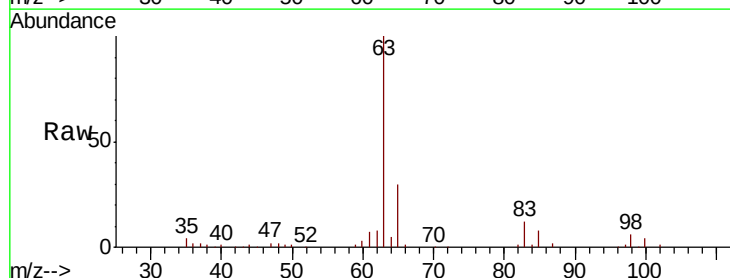
Tgt Ion: 63 Resp: 59146

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

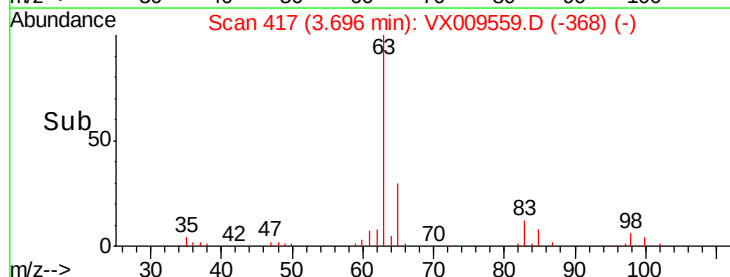
30000

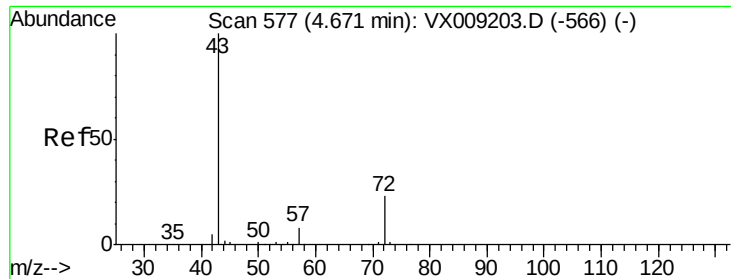
20000

10000

0

Time-->





#25

2-Butanone

Concen: 85.819 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

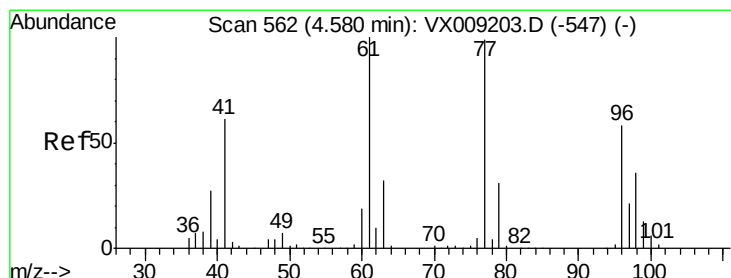
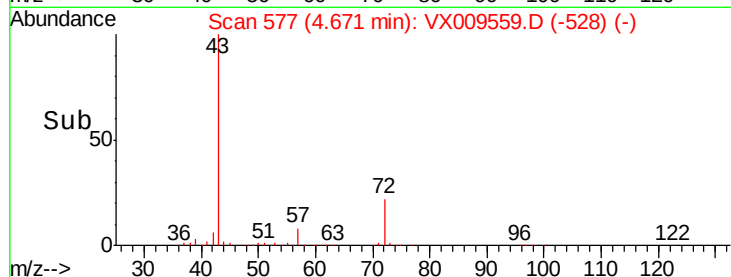
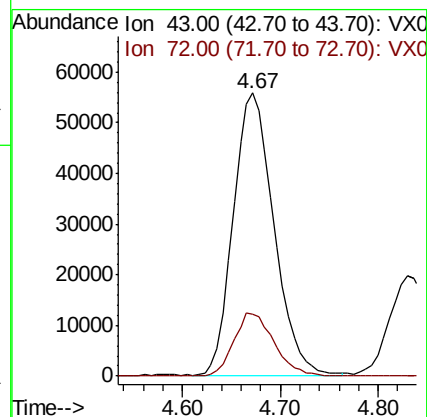
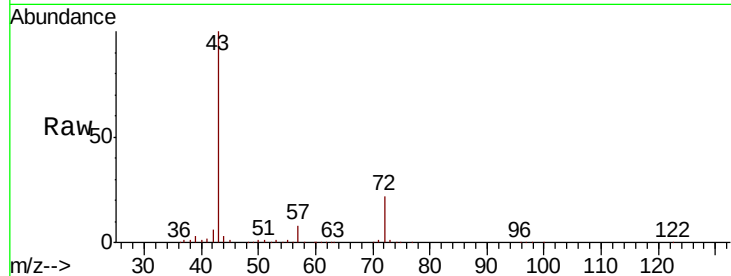
VX0514WBSD01

Tot Ion: 43 Resp: 160305

Ion Ratio Lower Upper

43 100

72 21.9 18.2 27.2



#26

2,2-Dichloropropane

Concen: 16.754 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009559.D

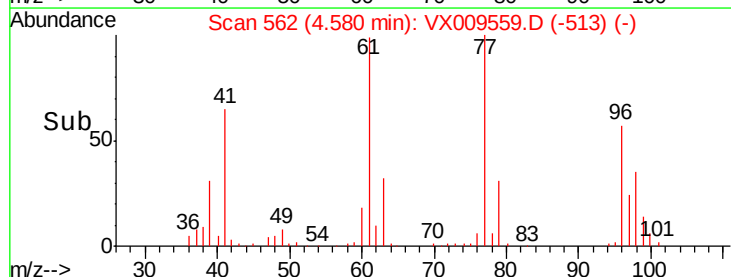
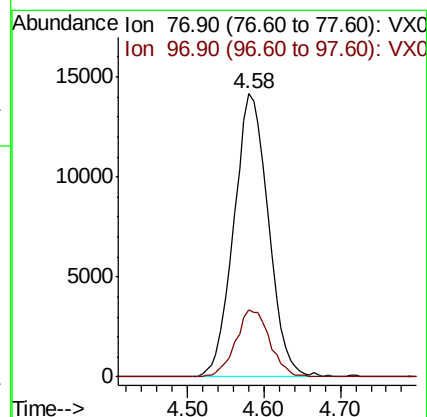
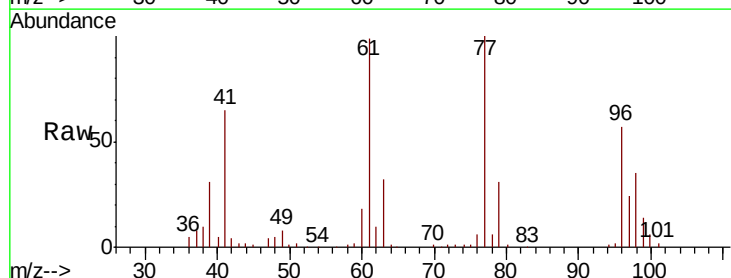
Acq: 14 May 2019 13:26

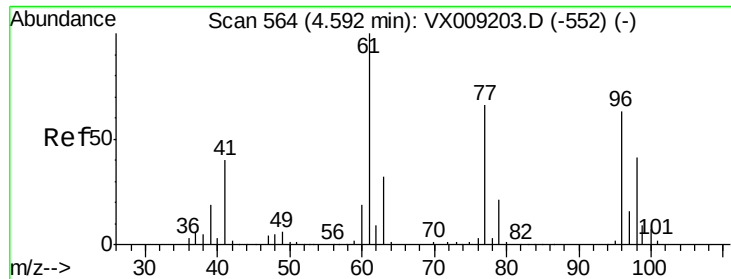
Tgt Ion: 77 Resp: 44362

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4



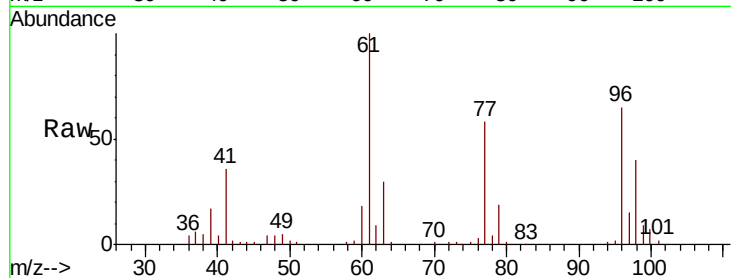


#27

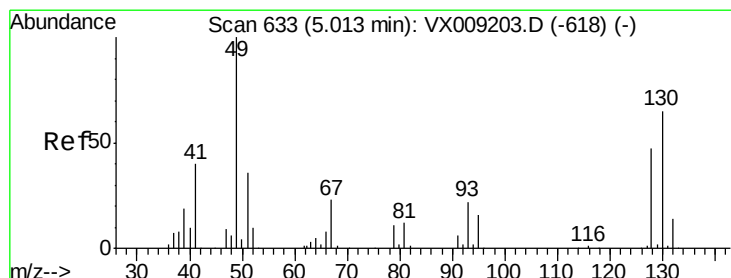
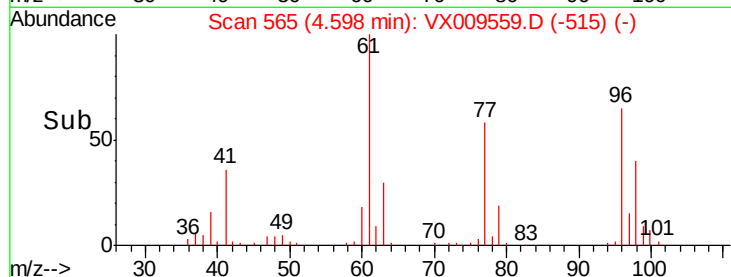
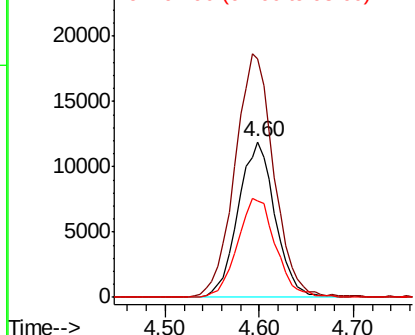
cis-1,2-Dichloroethene
Concen: 16.418 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tot Ion: 96 Resp: 32701
Ion Ratio Lower Upper
96 100
61 164.9 0.0 324.0
98 66.1 0.0 130.4



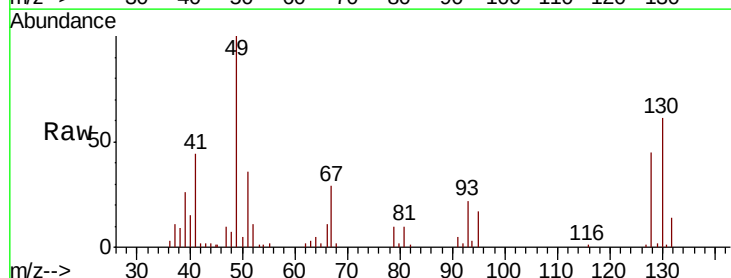
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



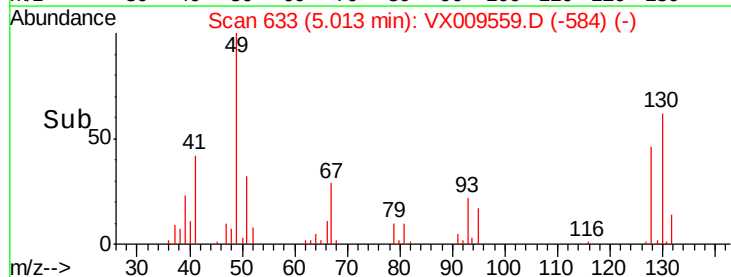
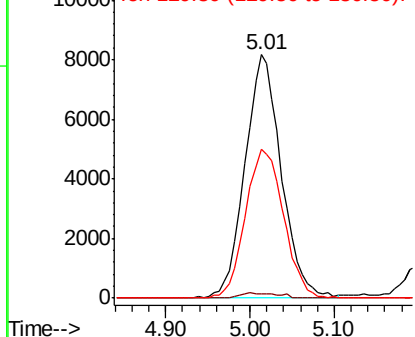
#28

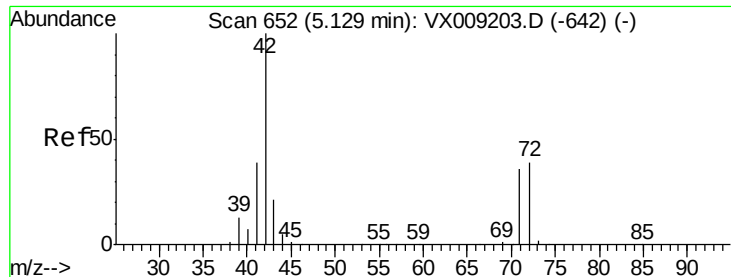
Bromochloromethane
Concen: 14.784 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 49 Resp: 23935
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 64.1 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

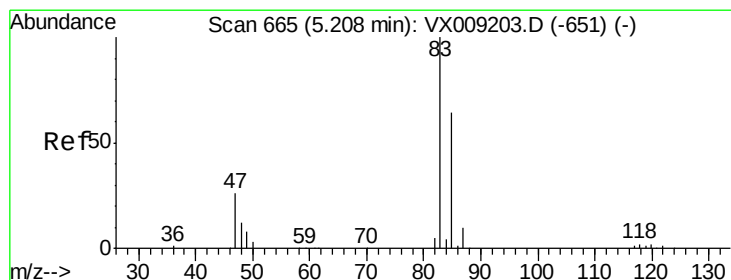
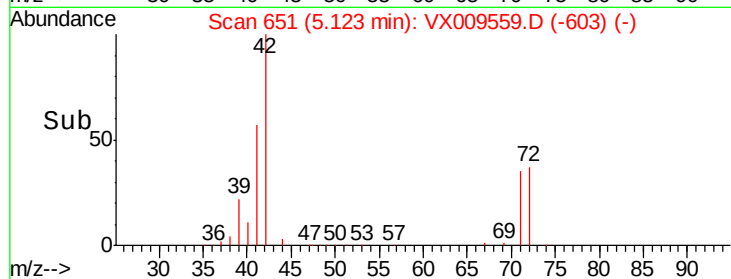
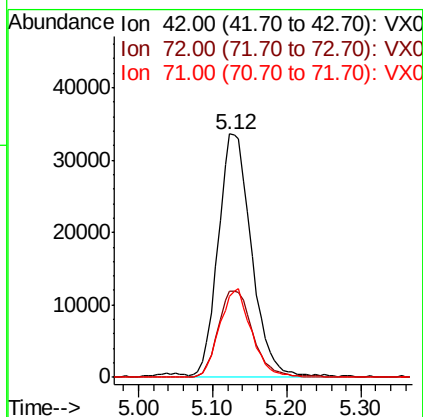
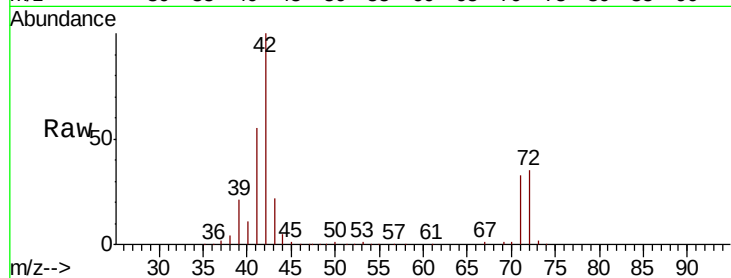




#29
Tetrahydrofuran
Concen: 86.297 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

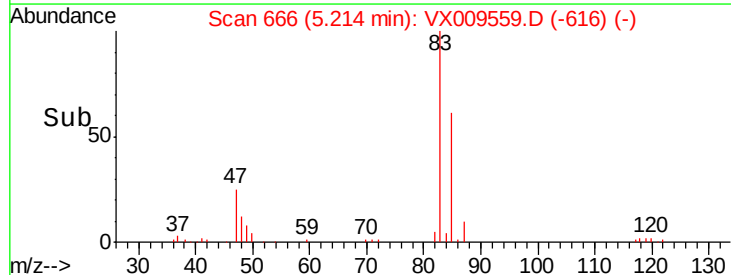
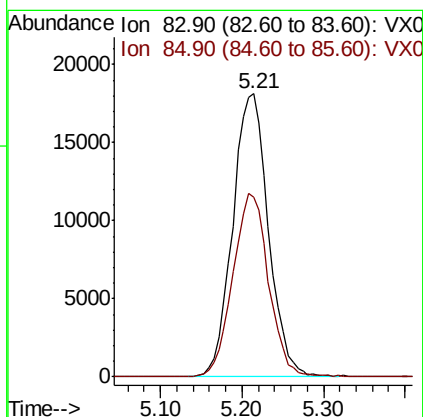
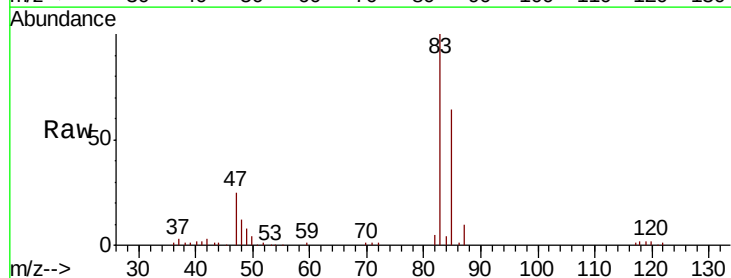
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

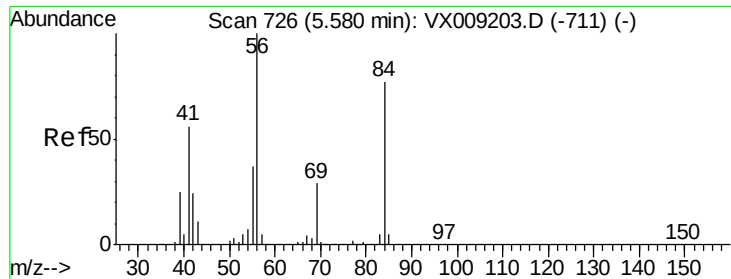
Tot Ion: 42 Resp: 103730
Ion Ratio Lower Upper
42 100
72 37.6 30.4 45.6
71 35.4 28.6 43.0



#30
Chloroform
Concen: 17.043 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 83 Resp: 54834
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3

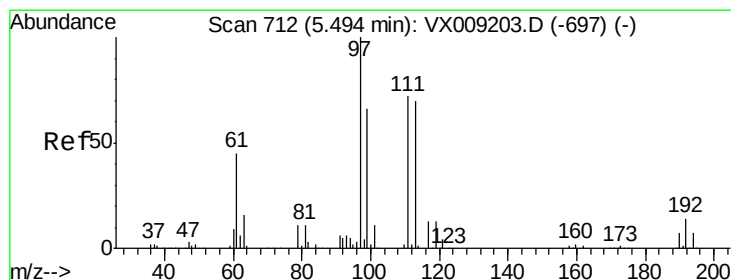
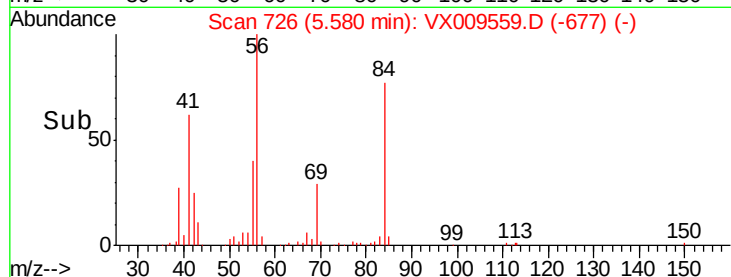
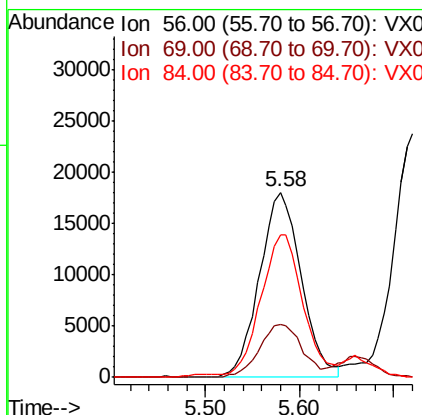
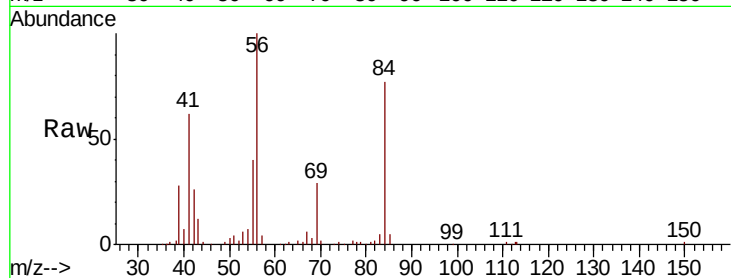




#31
Cyclohexane
Concen: 16.921 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

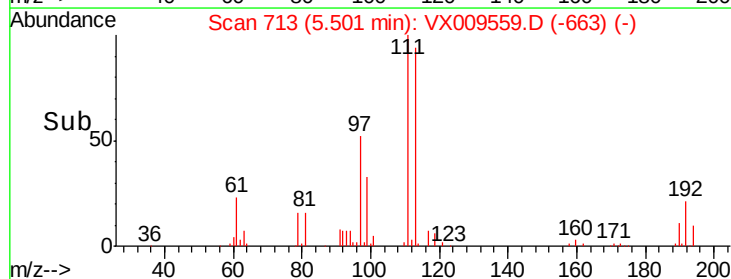
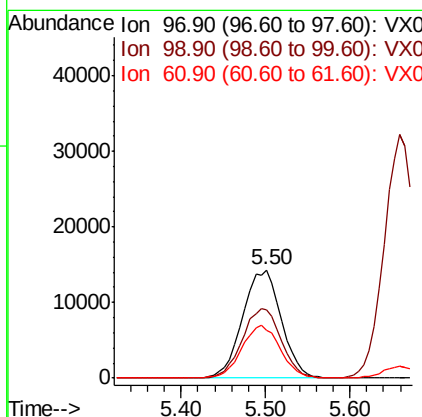
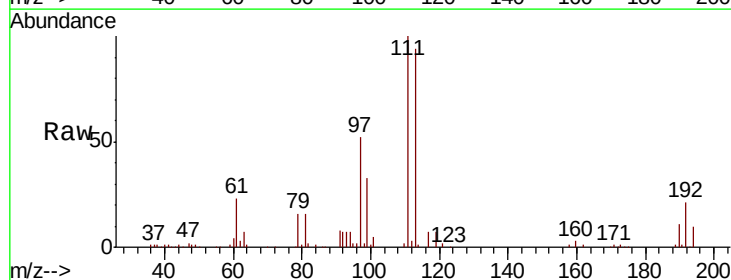
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

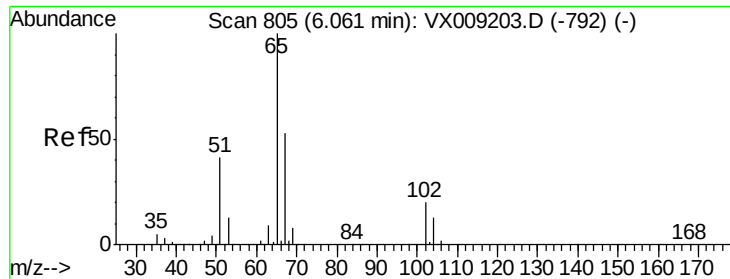
Tot Ion: 56 Resp: 56002
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.0
84 75.9 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 16.633 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 97 Resp: 44550
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 48.8 37.8 56.8

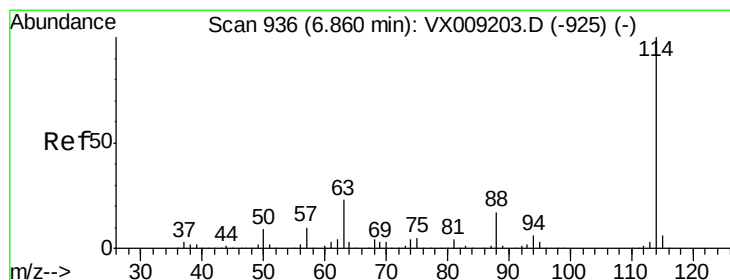
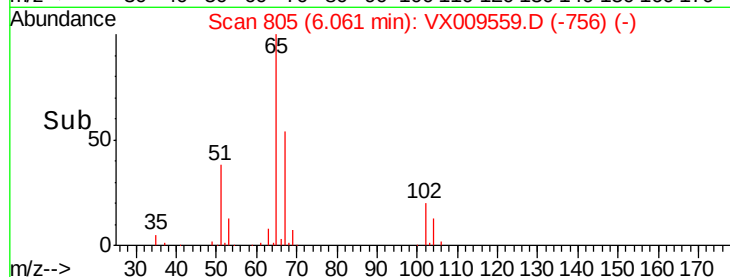
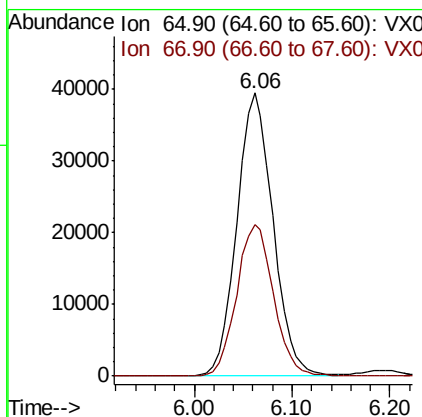
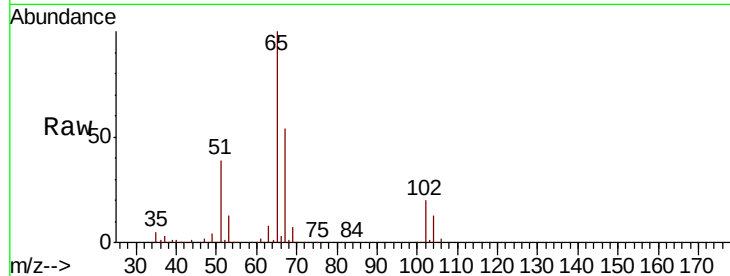




#33
 1,2-Dichloroethane-d4
 Concen: 45.299 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

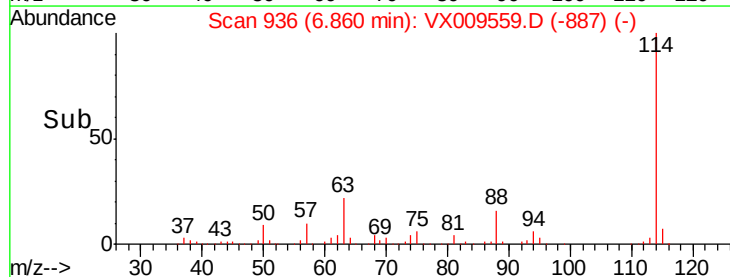
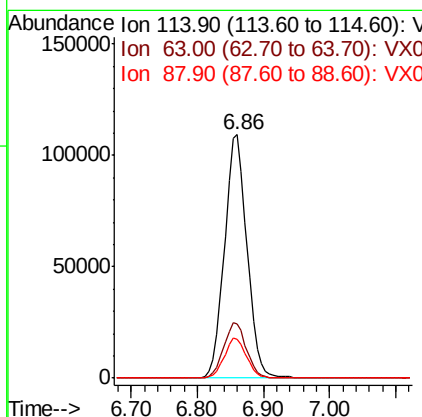
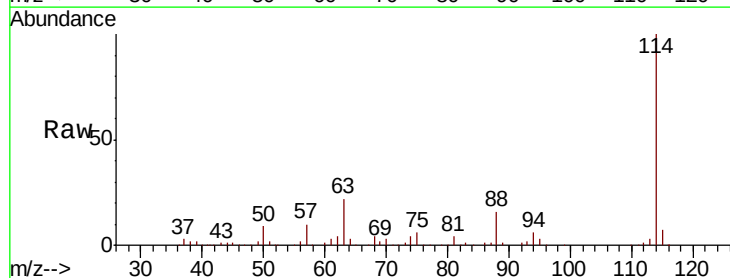
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

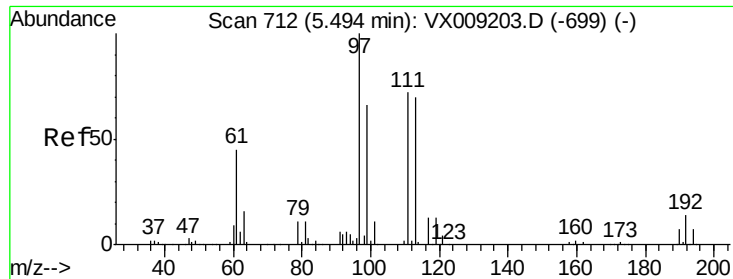
Tot Ion: 65 Resp: 101406
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 114 Resp: 257946
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.6
 88 15.7 0.0 33.2

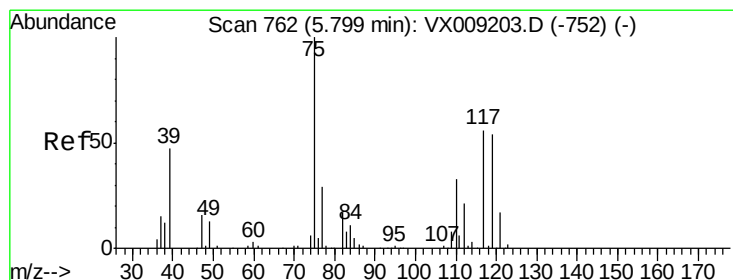
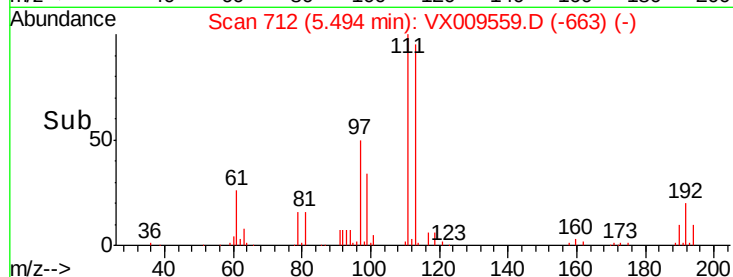
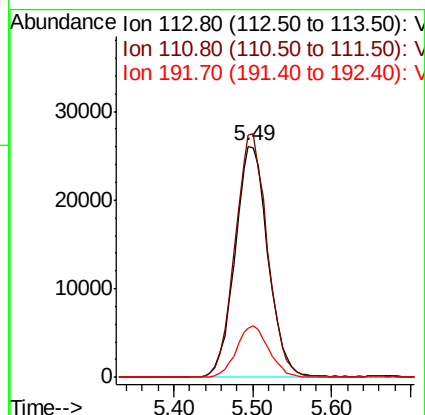
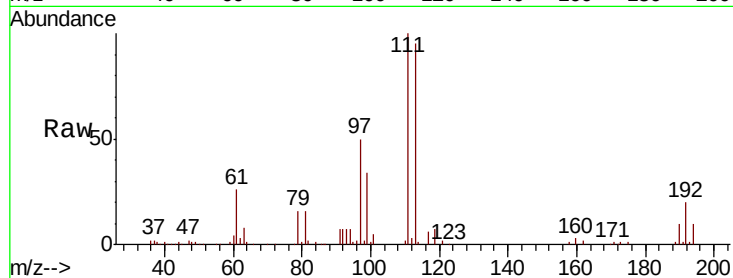




#35
 Dibromofluoromethane
 Concen: 46.615 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

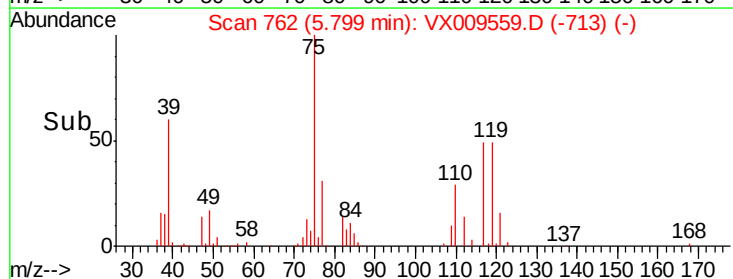
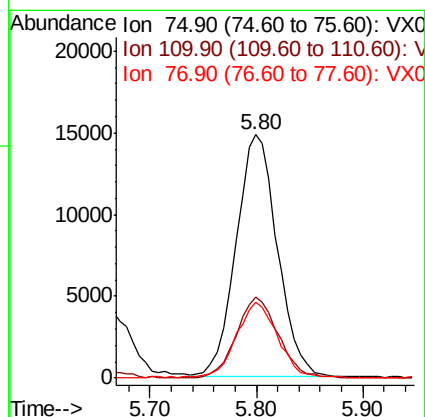
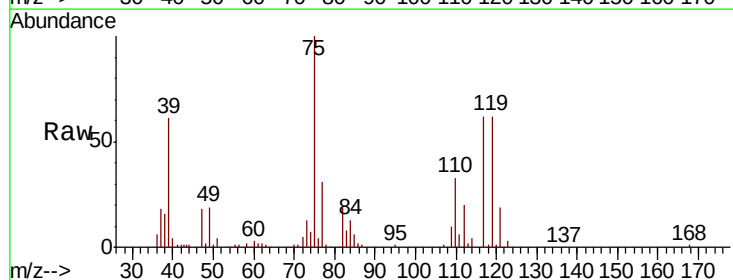
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0514WBSD01

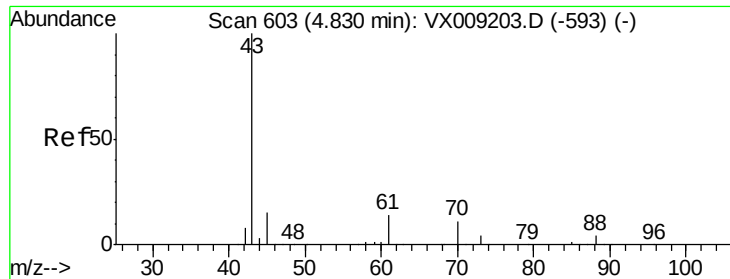
Tot Ion:113 Resp: 75588
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 16.856 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 75 Resp: 40406
 Ion Ratio Lower Upper
 75 100
 110 33.9 16.9 50.6
 77 31.5 24.8 37.2





#37

Ethyl Acetate

Concen: 17.664 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

VX0514WBSD01

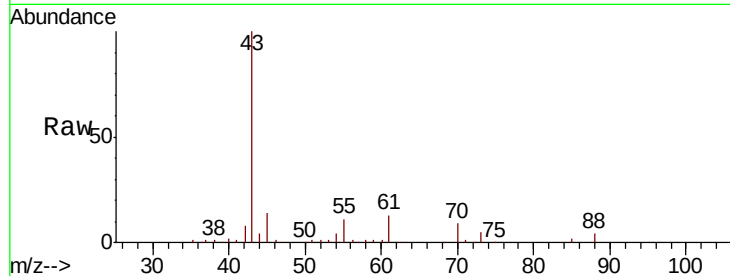
Tot Ion: 43 Resp: 58996

Ion Ratio Lower Upper

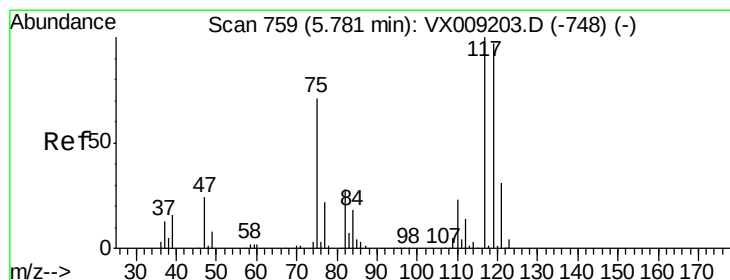
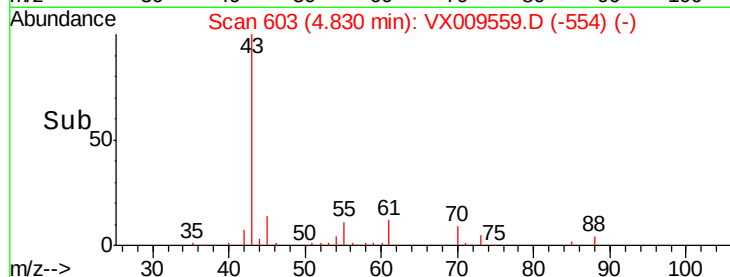
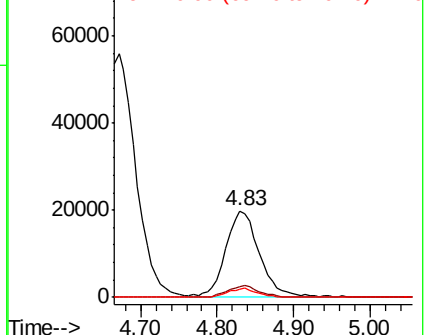
43 100

61 13.6 10.5 15.7

70 9.8 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: 17.153 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

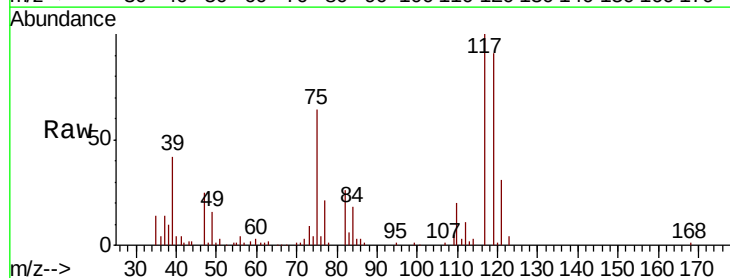
Tgt Ion: 117 Resp: 37359

Ion Ratio Lower Upper

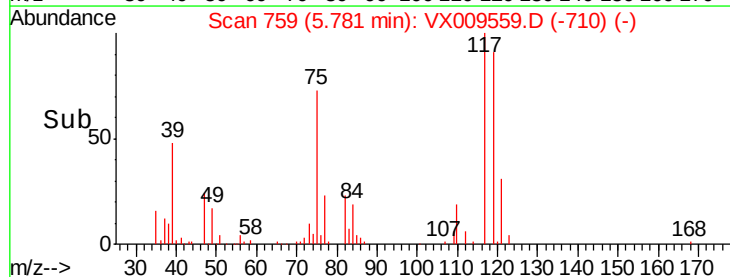
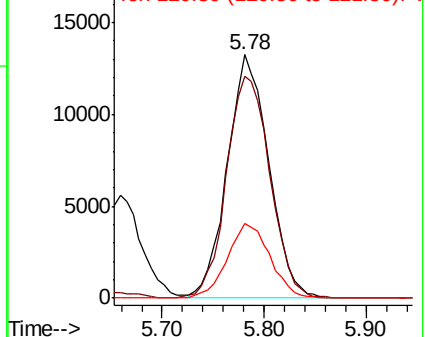
117 100

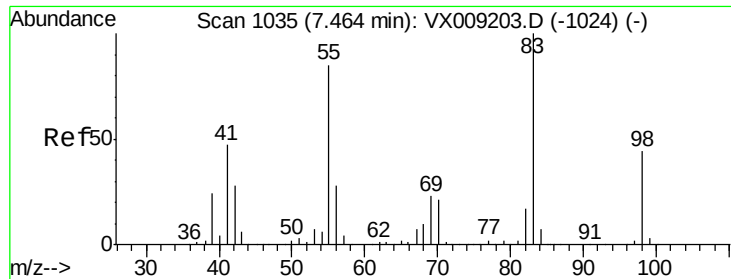
119 91.1 77.5 116.3

121 30.8 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

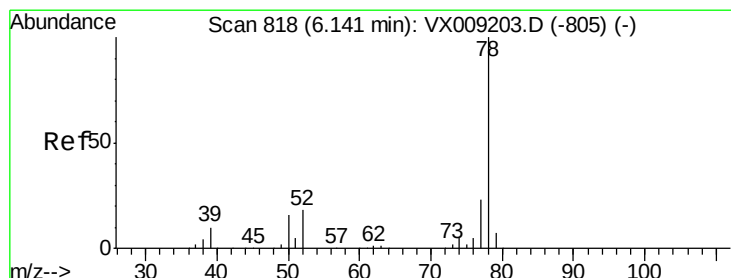
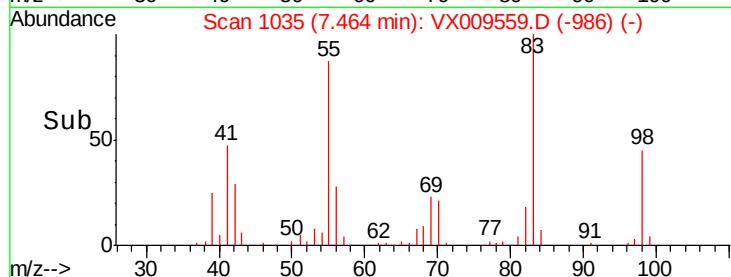
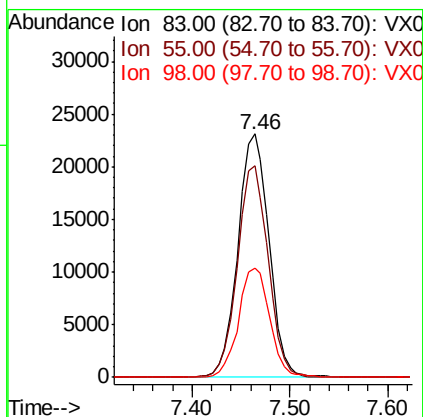
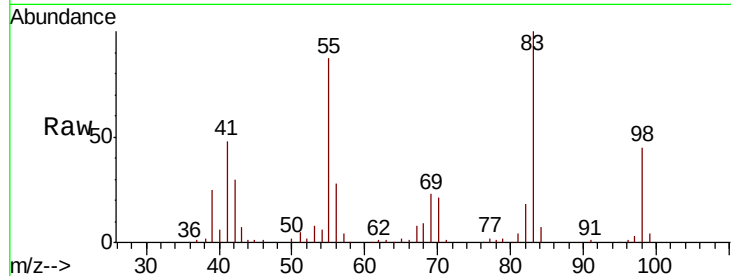




#39
Methylvlcyclohexane
Concen: 17.315 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

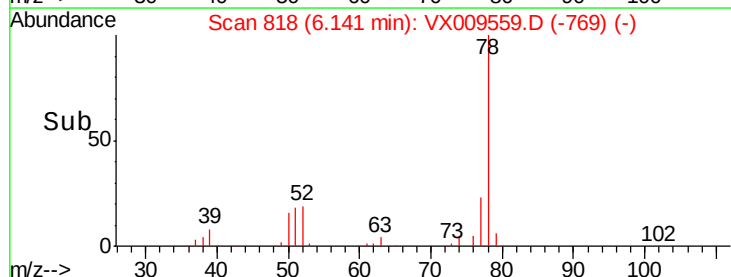
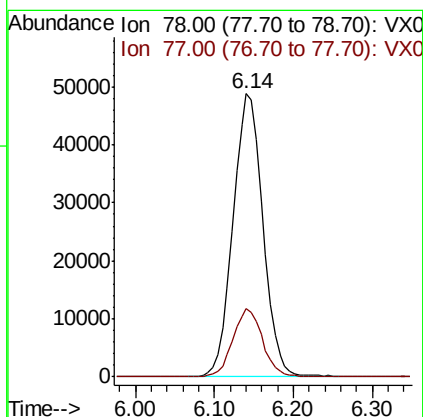
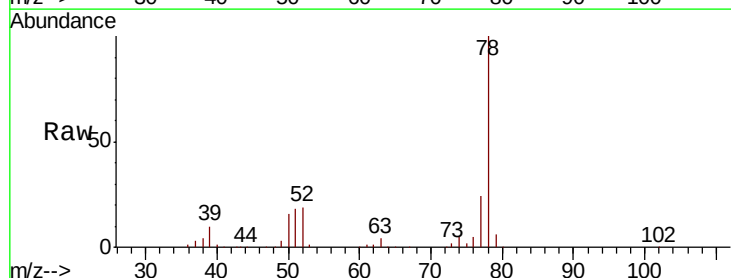
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

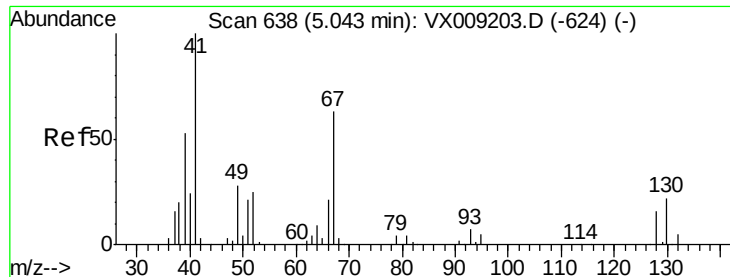
Tot Ion: 83 Resp: 50973
Ion Ratio Lower Upper
83 100
55 86.8 67.7 101.5
98 44.7 35.5 53.3



#40
Benzene
Concen: 17.354 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 78 Resp: 128744
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 16.802 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

VX0514WBSD01

Tot Ion: 41 Resp: 33405

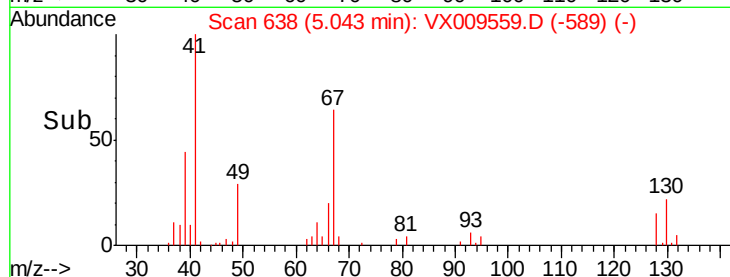
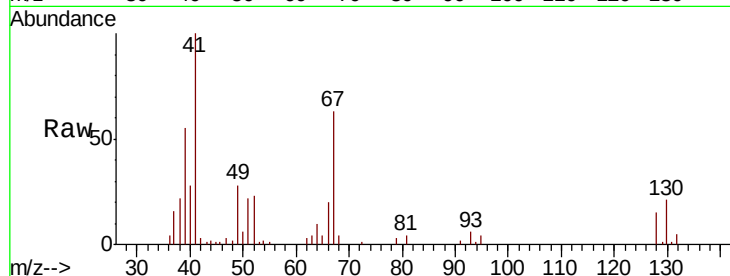
Ion Ratio Lower Upper

41 100

39 51.3 42.0 63.0

67 64.7 49.8 74.8

52 27.0 20.3 30.5

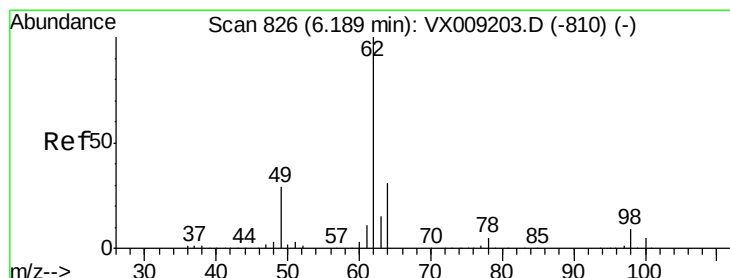
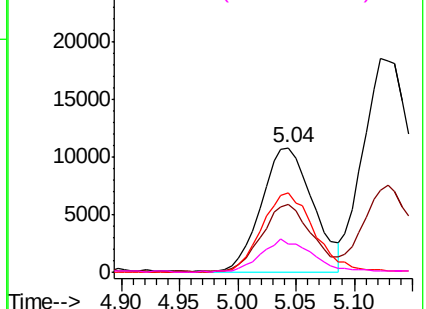


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.735 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009559.D

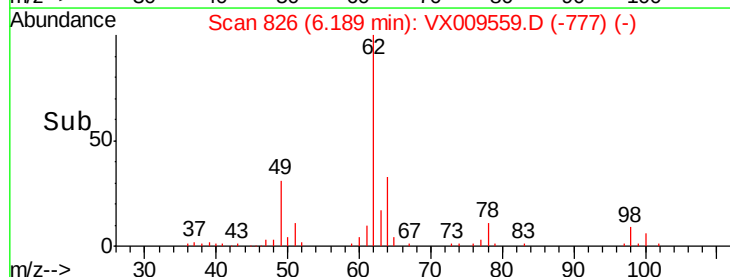
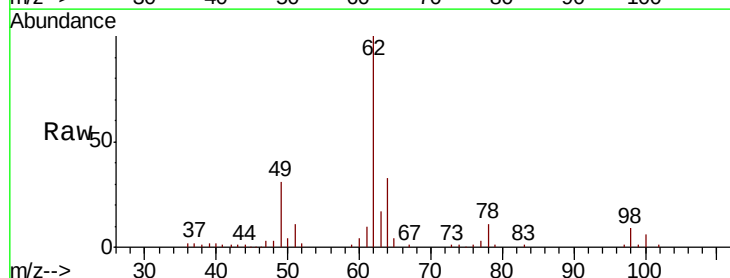
Acq: 14 May 2019 13:26

Tgt Ion: 62 Resp: 47196

Ion Ratio Lower Upper

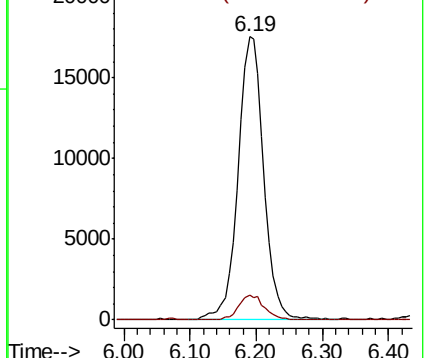
62 100

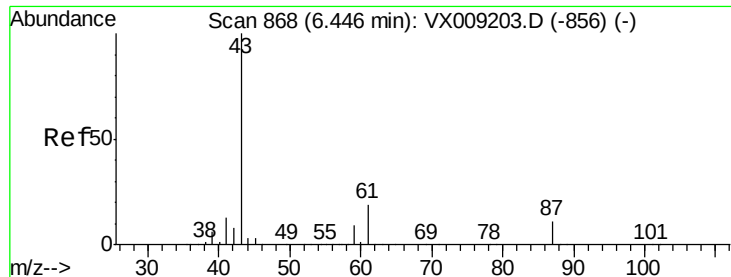
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.342 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

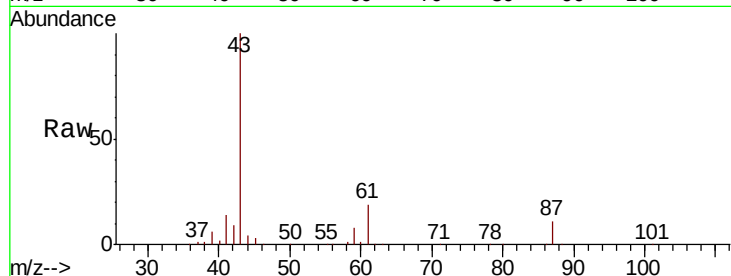
Tot Ion: 43 Resp: 92645

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

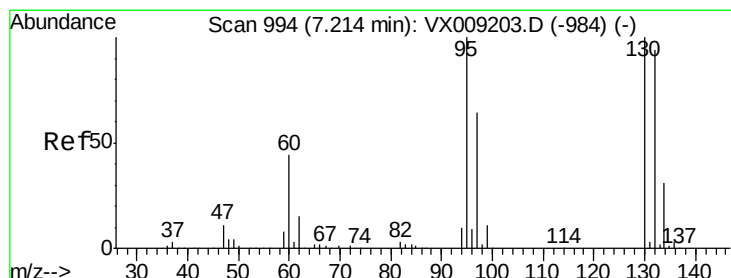
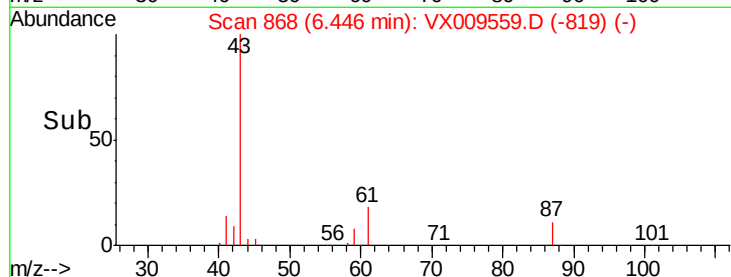
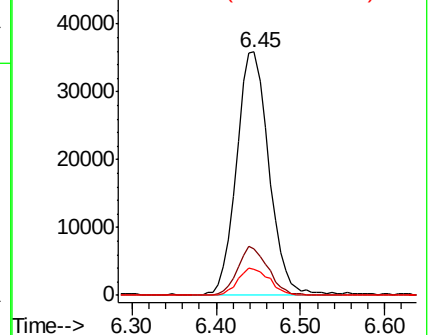
87 11.2 9.0 13.6



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: 16.974 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009559.D

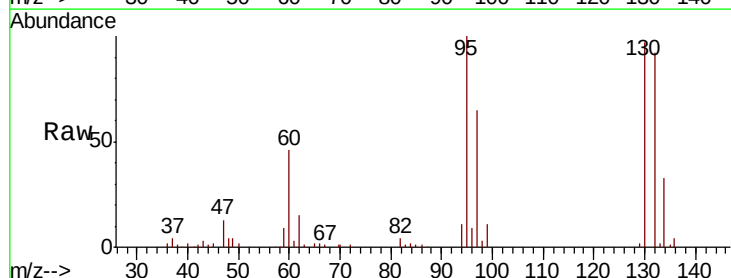
Acq: 14 May 2019 13:26

Tgt Ion:130 Resp: 30443

Ion Ratio Lower Upper

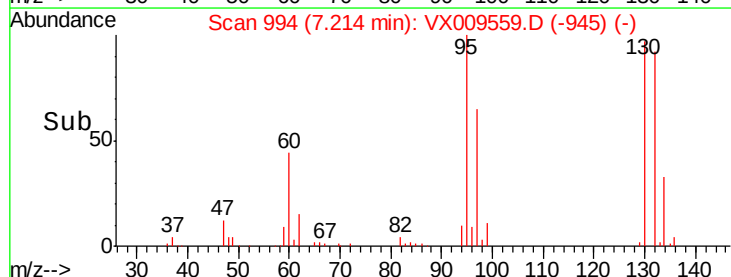
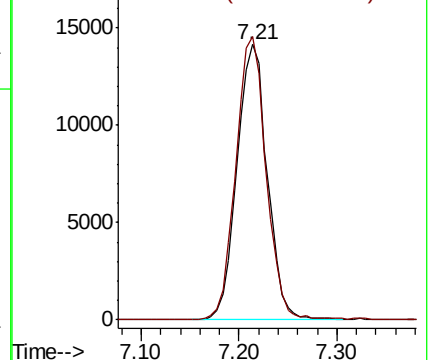
130 100

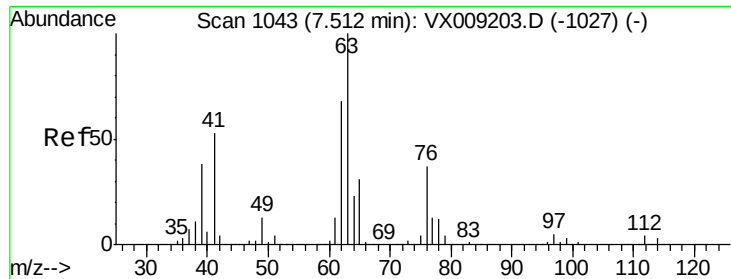
95 102.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

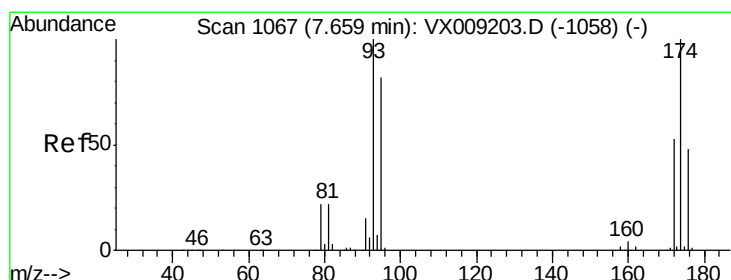
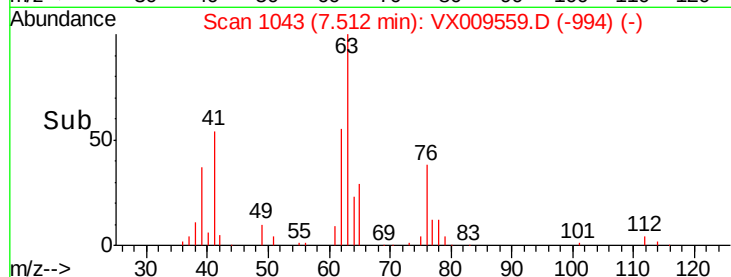
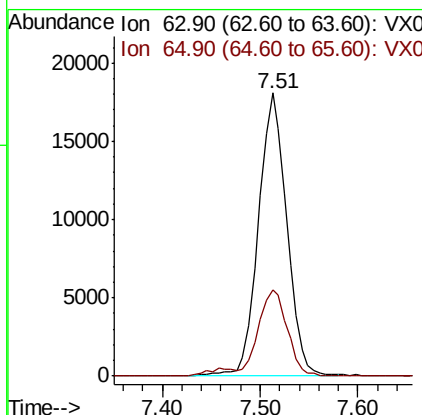
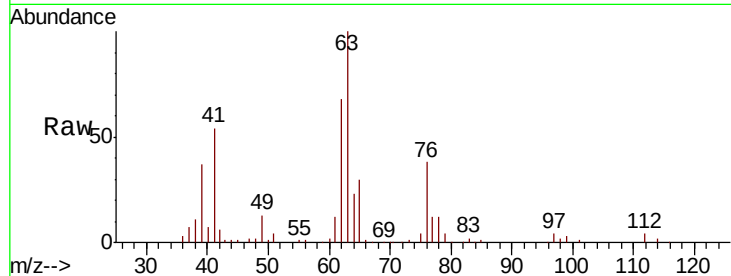




#45
 1,2-Dichloropropane
 Concen: 17.365 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

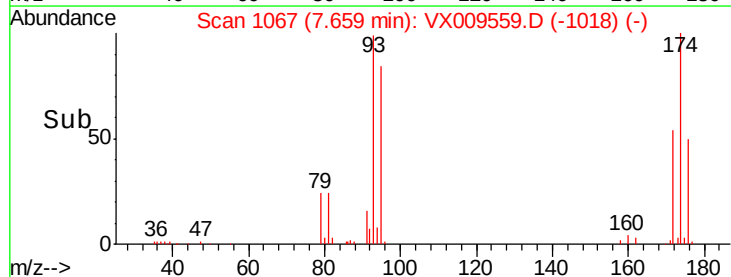
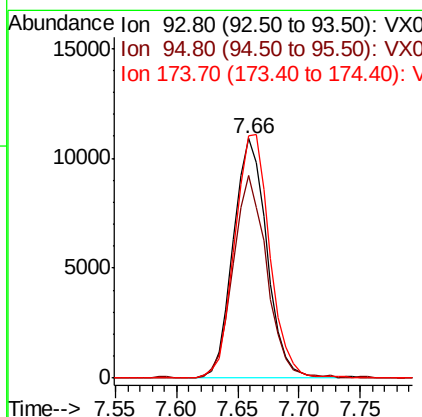
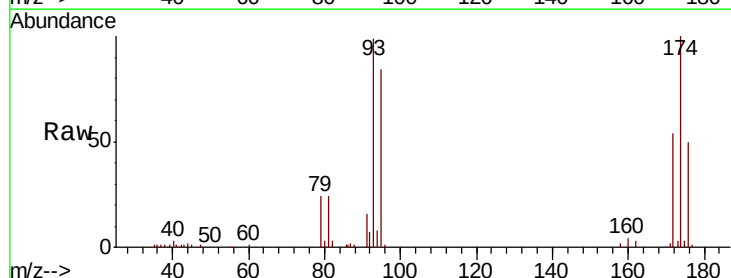
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

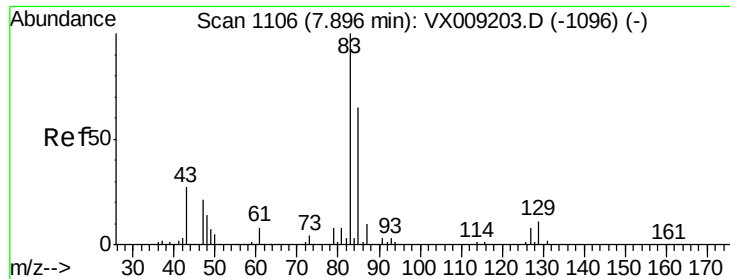
Tot Ion: 63 Resp: 36479
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 16.992 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 93 Resp: 20728
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.5 99.7
 174 106.3 82.1 123.1





#47

Bromodichloromethane

Concen: 16.927 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

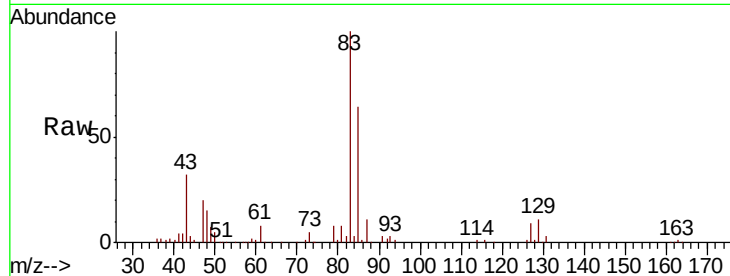
Tot Ion: 83 Resp: 41189

Ion Ratio Lower Upper

83 100

85 63.9 52.4 78.6

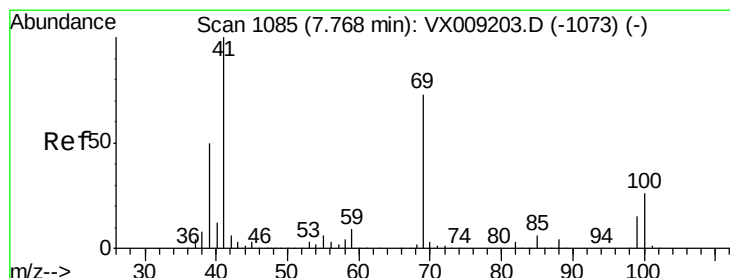
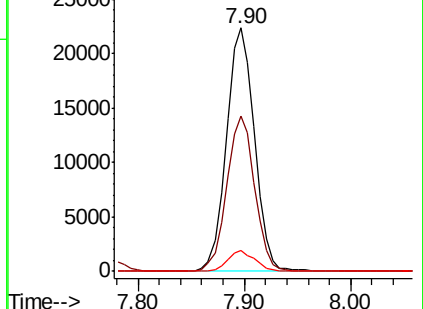
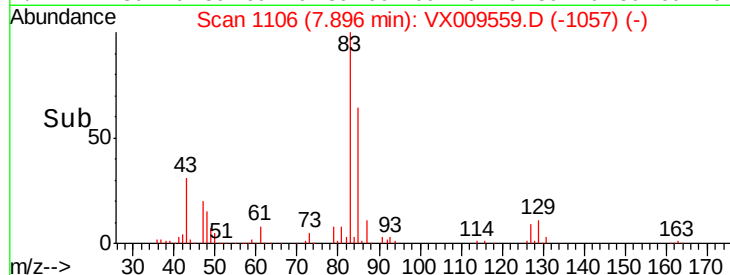
127 8.7 6.6 10.0



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: 17.291 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

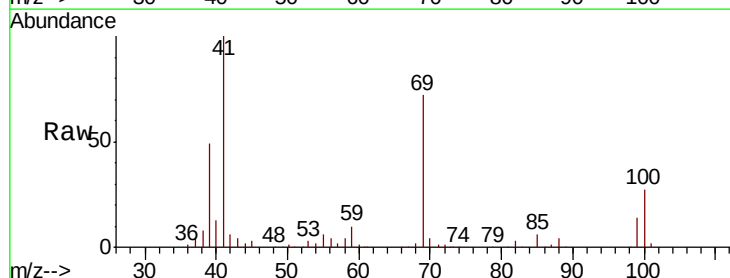
Tgt Ion: 41 Resp: 45829

Ion Ratio Lower Upper

41 100

69 74.0 59.1 88.7

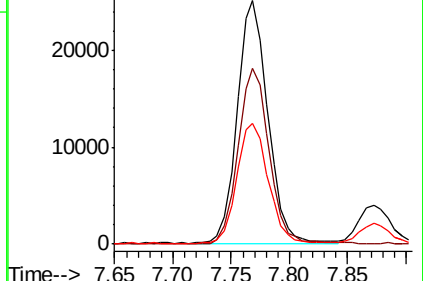
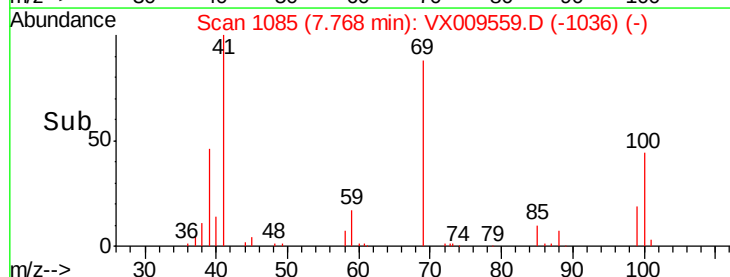
39 51.9 40.4 60.6

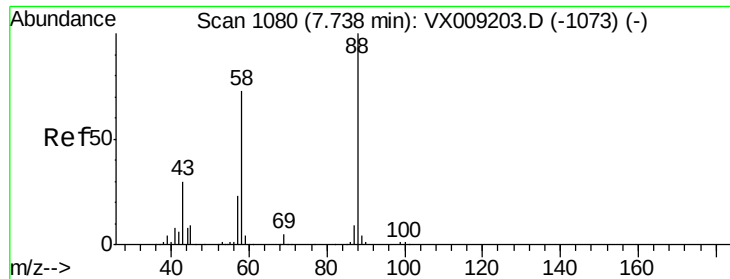


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

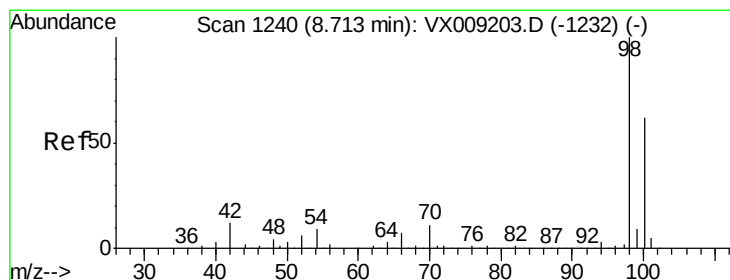
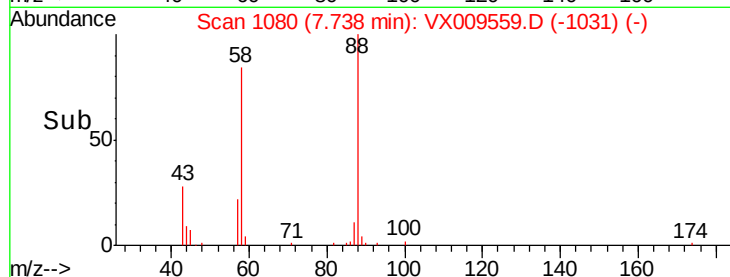
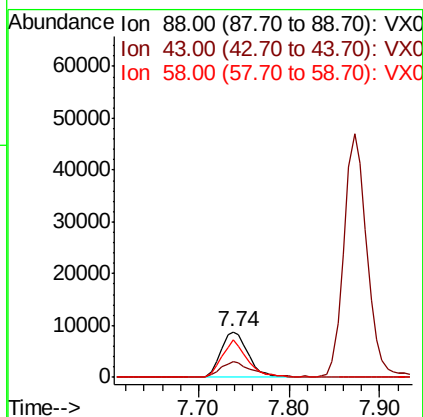
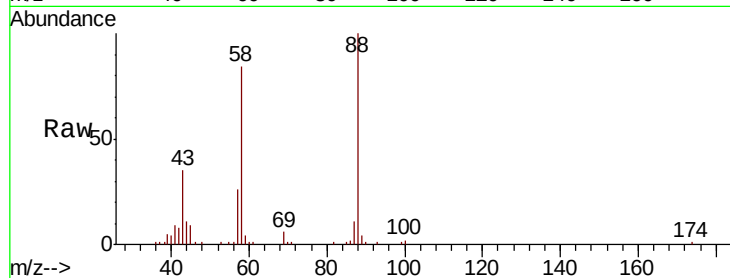




#49
1,4-Dioxane
Concen: 344.792 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

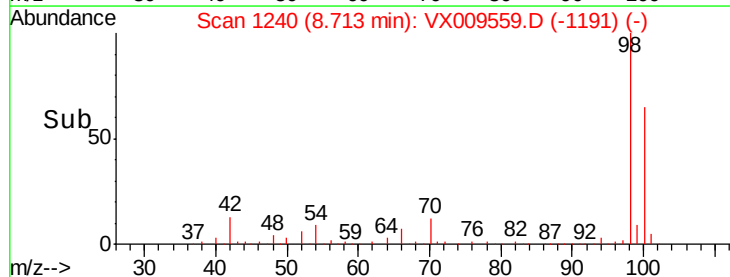
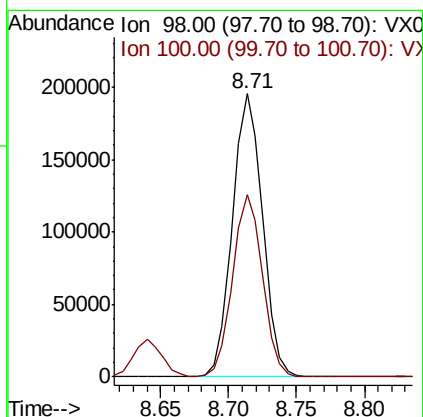
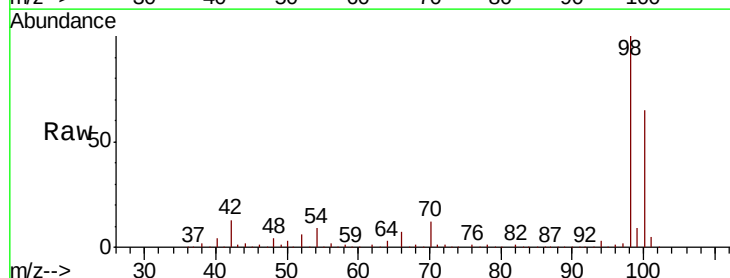
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

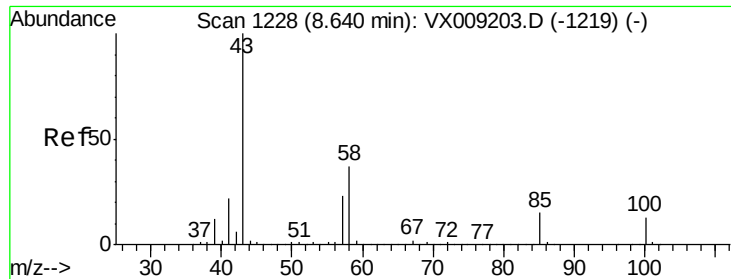
Tot Ion: 88 Resp: 18533
Ion Ratio Lower Upper
88 100
43 37.1 28.6 42.8
58 77.3 61.7 92.5



#50
Toluene-d8
Concen: 46.123 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 98 Resp: 301951
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 87.864 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

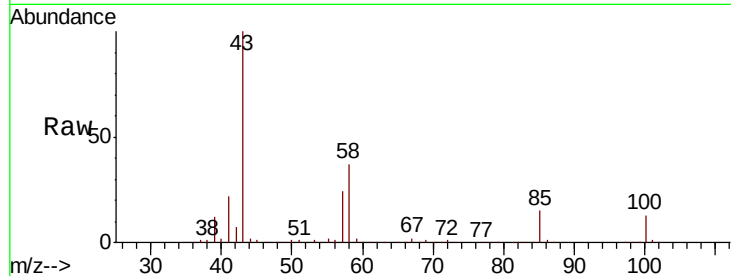
VX0514WBSD01

Tot Ion: 43 Resp: 306809

Ion Ratio Lower Upper

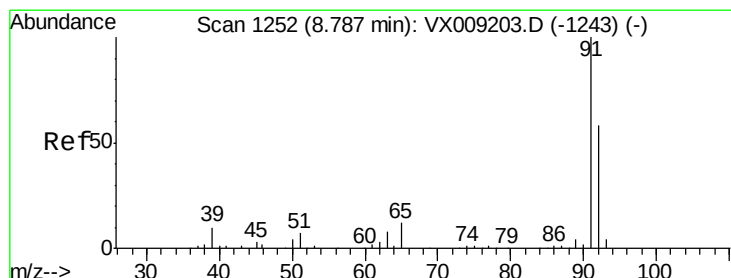
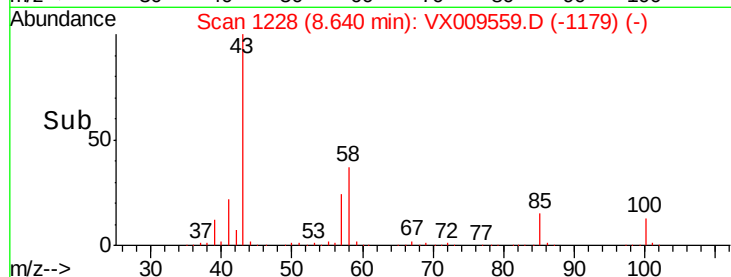
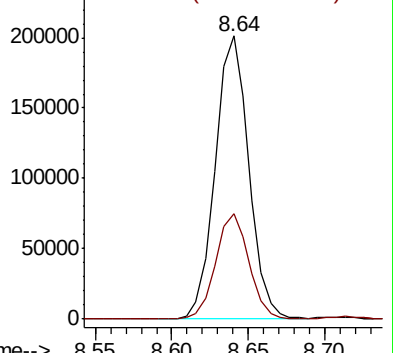
43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.356 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009559.D

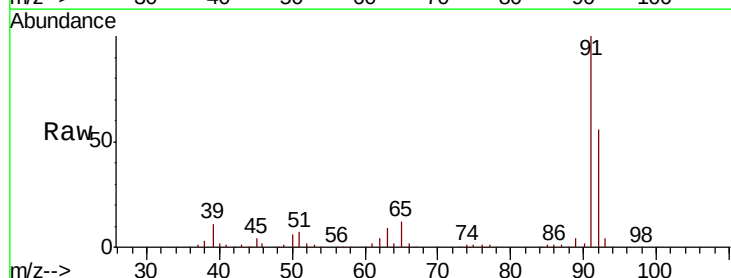
Acq: 14 May 2019 13:26

Tgt Ion: 92 Resp: 78269

Ion Ratio Lower Upper

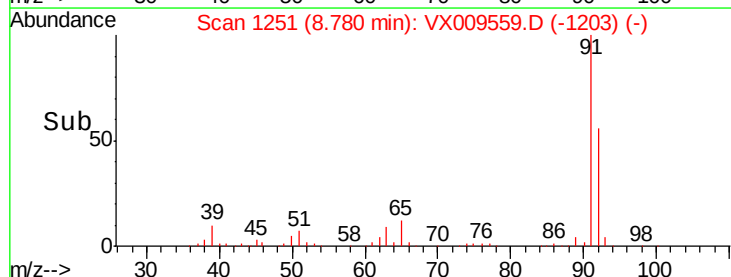
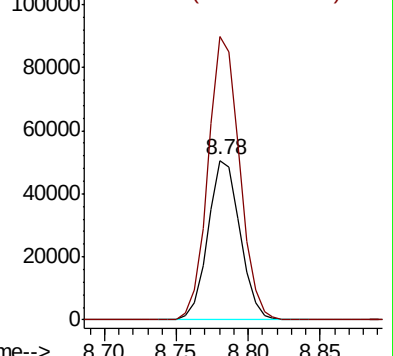
92 100

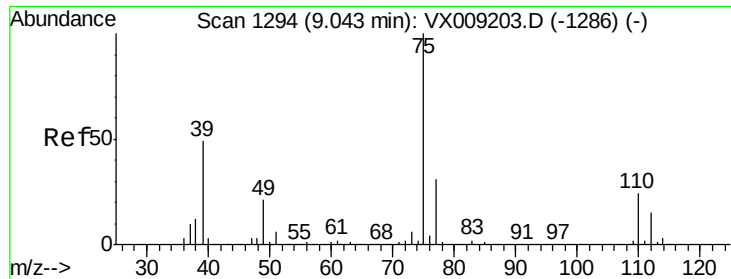
91 174.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

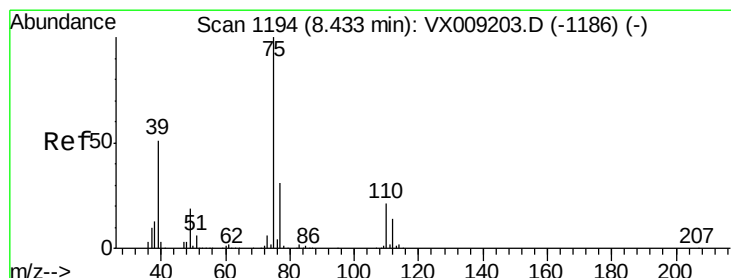
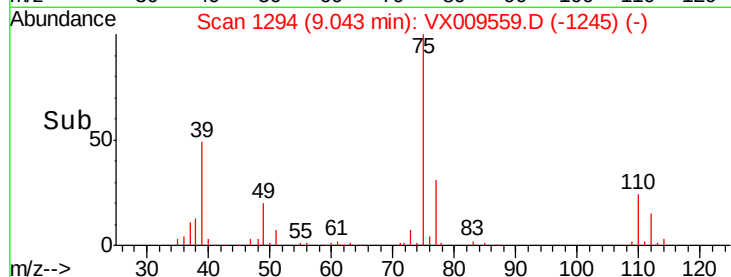
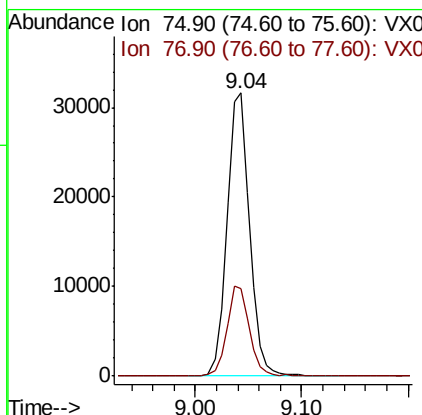
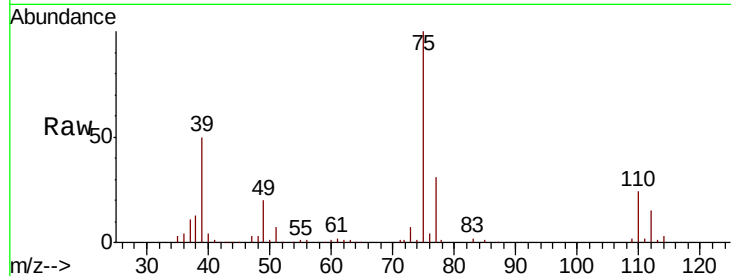




#53
t-1,3-Dichloropropene
Concen: 17.109 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

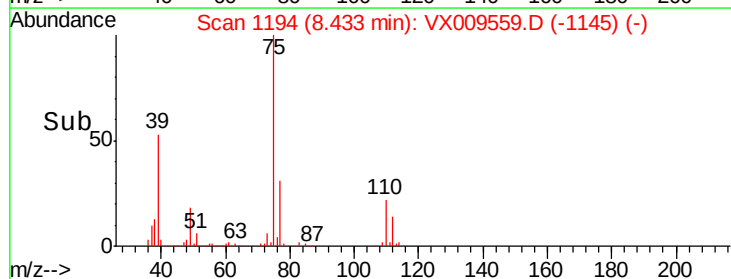
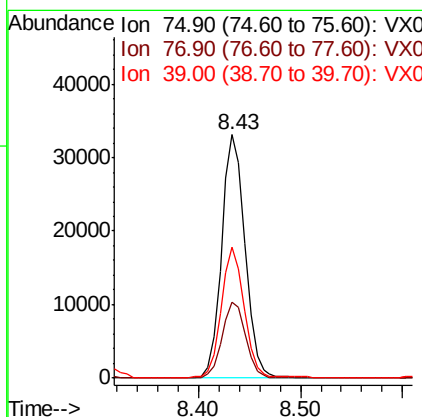
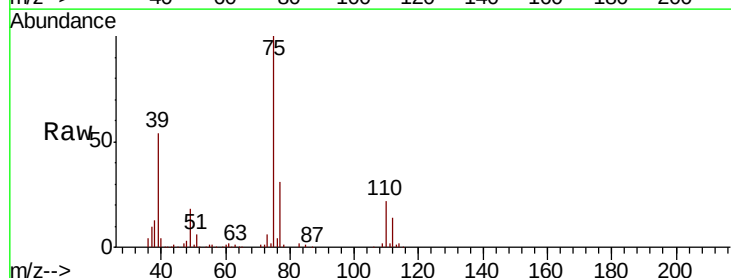
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

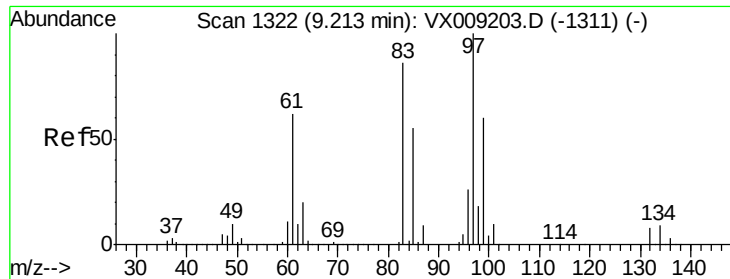
Tot Ion: 75 Resp: 47003
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.397 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 75 Resp: 52902
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8
39 53.6 40.6 60.8

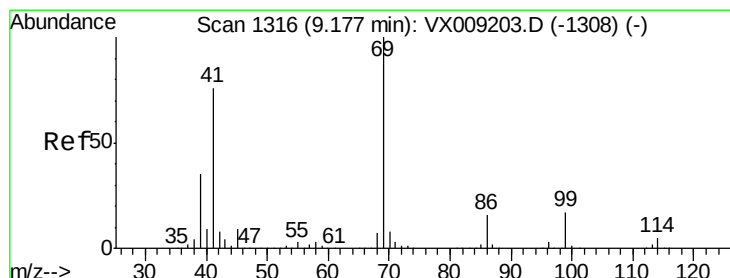
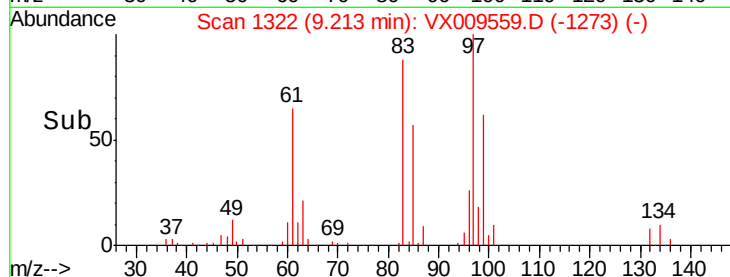
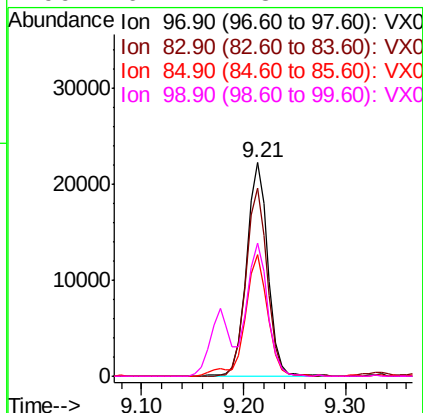
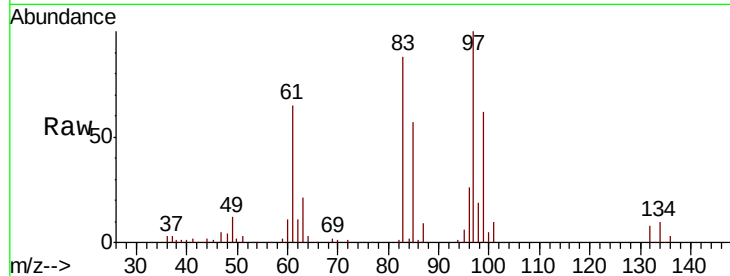




#55
 1,1,2-Trichloroethane
 Concen: 17.554 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

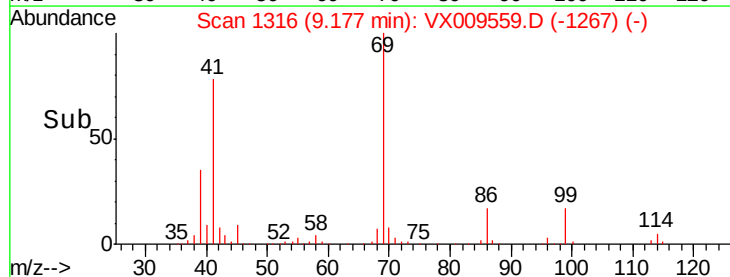
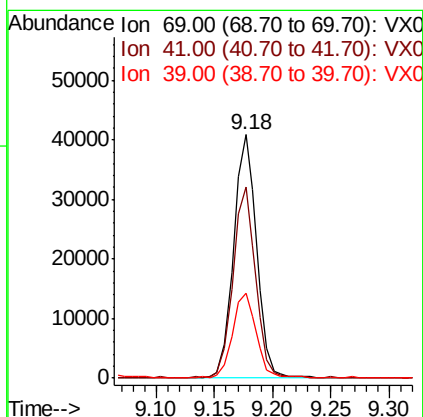
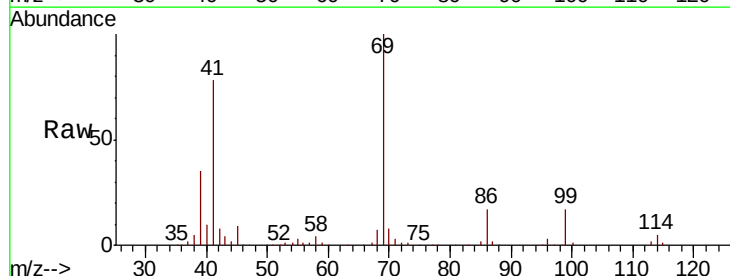
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

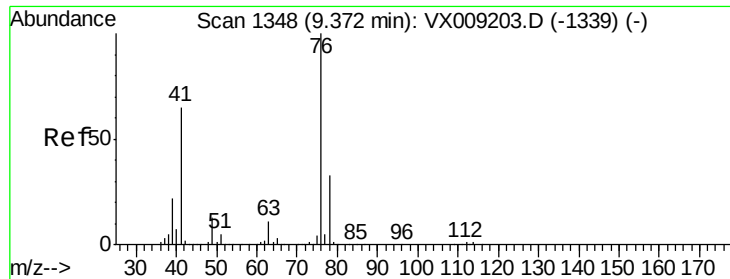
Tot Ion:	97	Resp:	32296
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.9	103.3
85	56.9	43.8	65.6
99	62.2	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 17.169 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion:	69	Resp:	56387
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.6	90.8
39	35.6	28.2	42.4

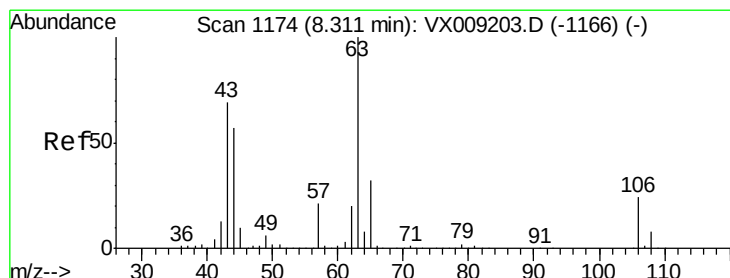
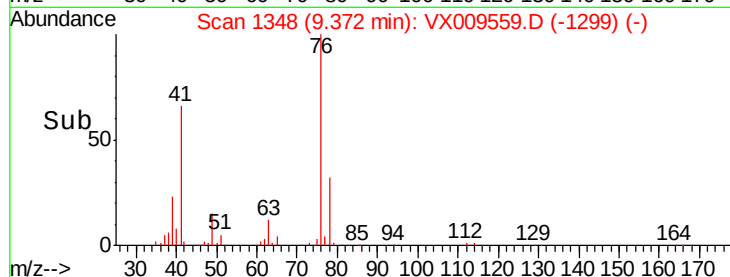
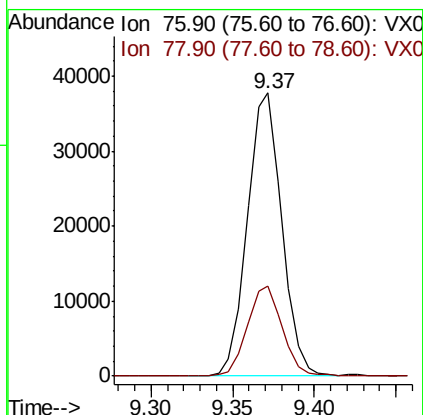
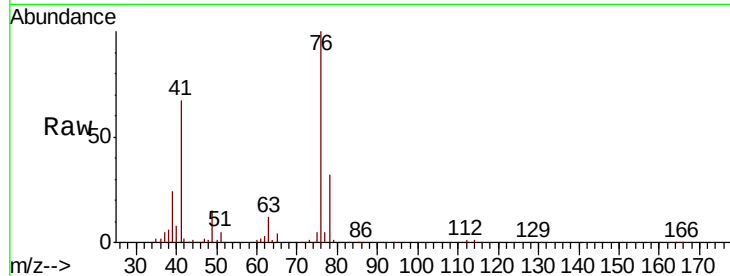




#57
 1,3-Dichloropropane
 Concen: 17.159 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

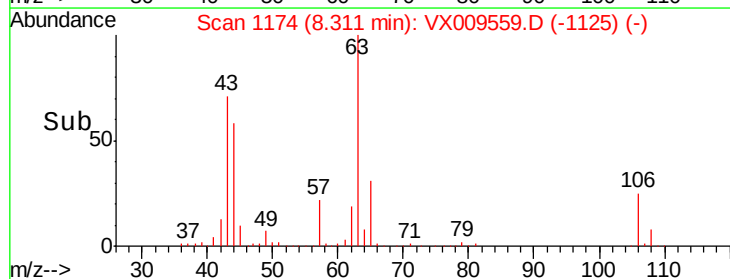
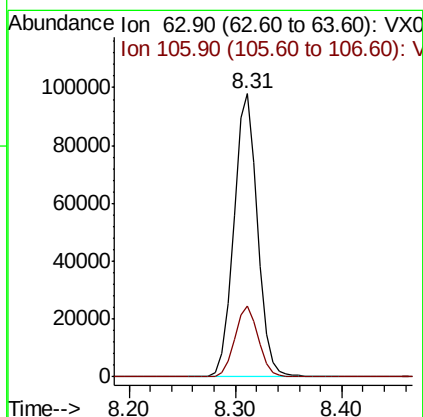
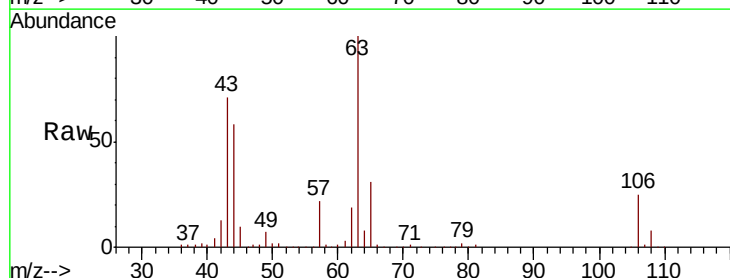
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

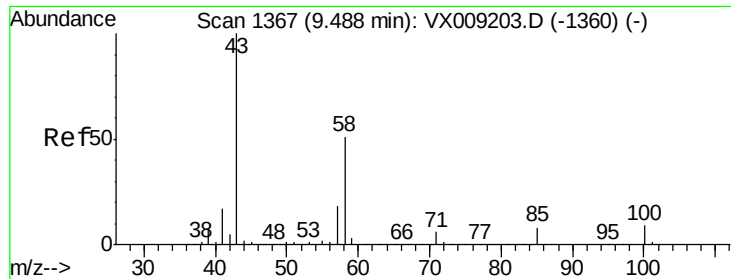
Tot Ion: 76 Resp: 55554
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.381 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 63 Resp: 152237
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

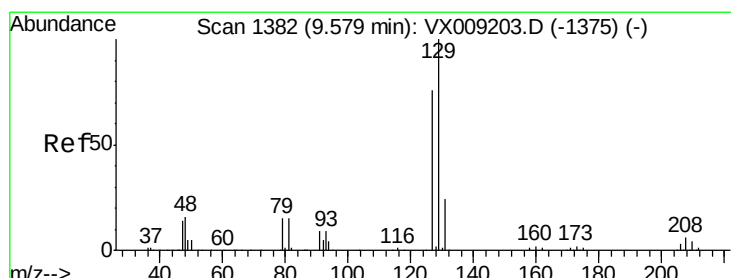
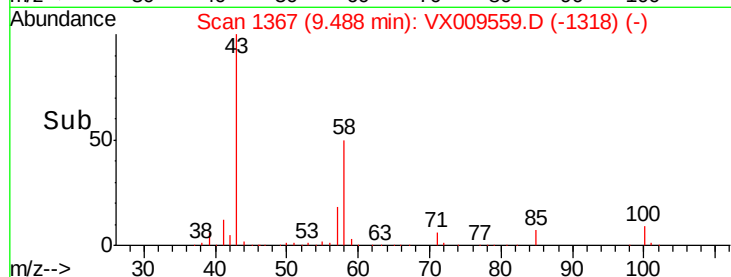
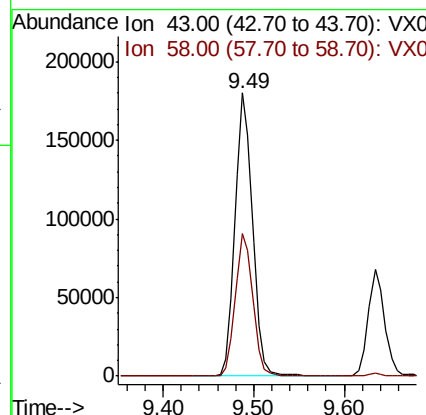
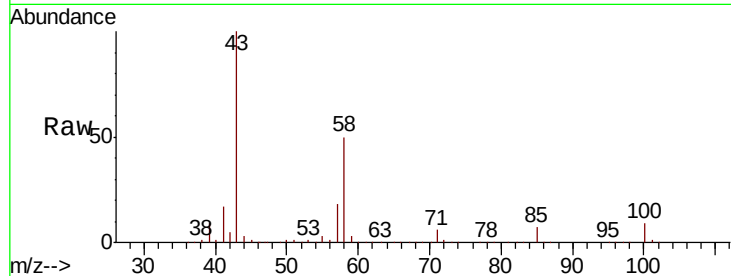




#59
2-Hexanone
Concen: 87.936 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

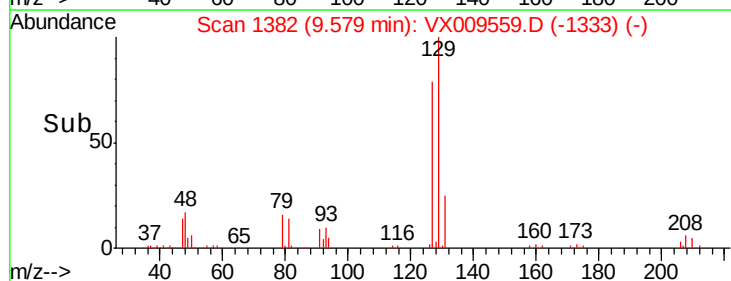
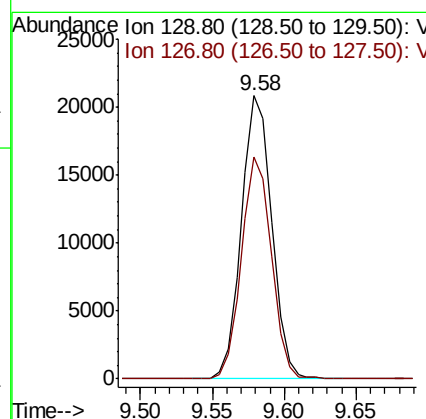
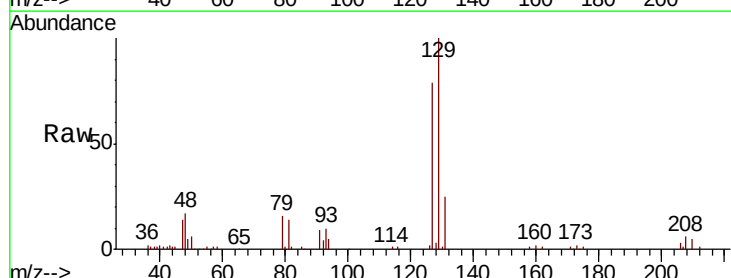
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

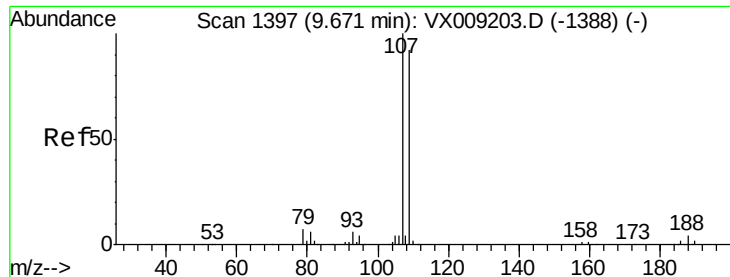
Tot Ion: 43 Resp: 241162
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7



#60
Dibromochloromethane
Concen: 16.984 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 129 Resp: 30518
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1

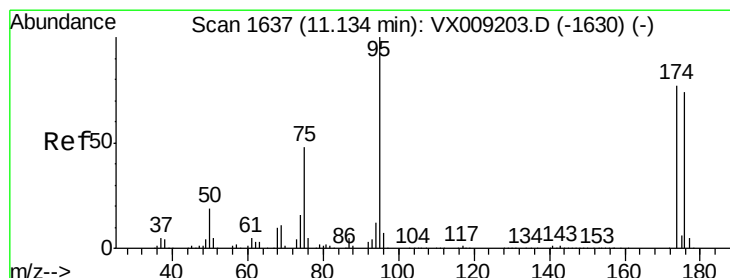
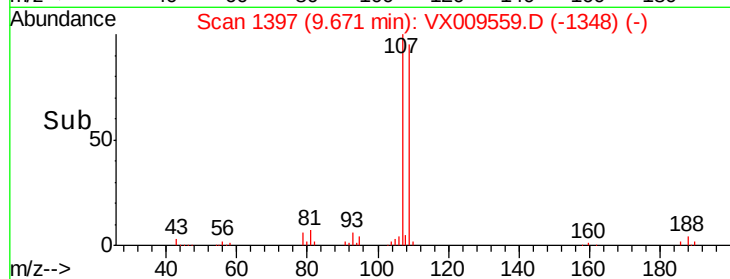
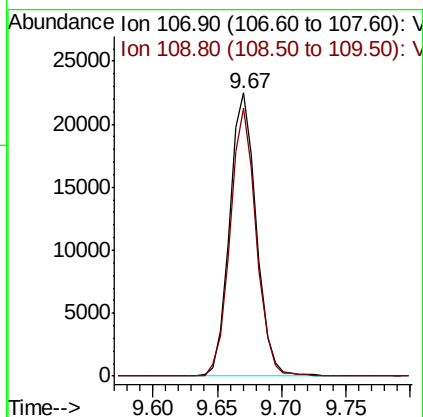
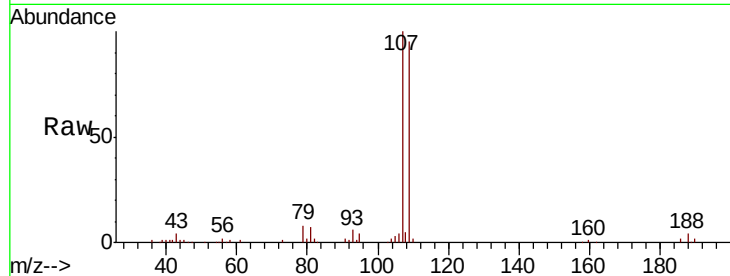




#61
 1,2-Dibromoethane
 Concen: 17.508 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

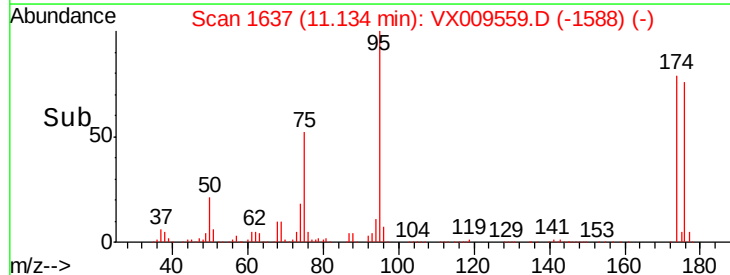
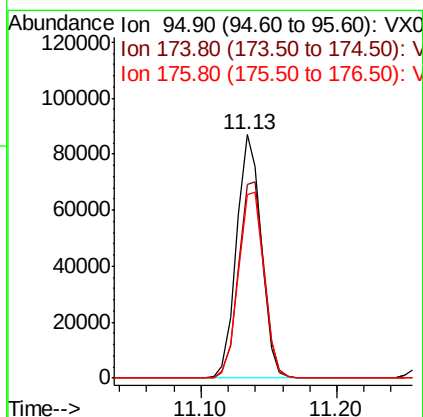
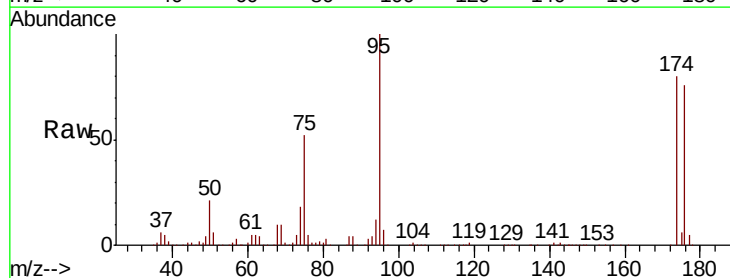
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

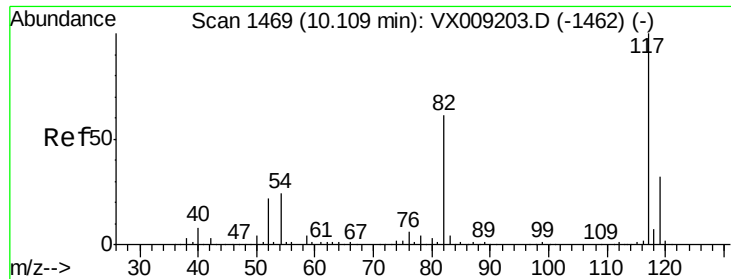
Tot Ion: 107 Resp: 32515
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 45.898 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 95 Resp: 109181
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 161.6
 176 80.1 0.0 159.2

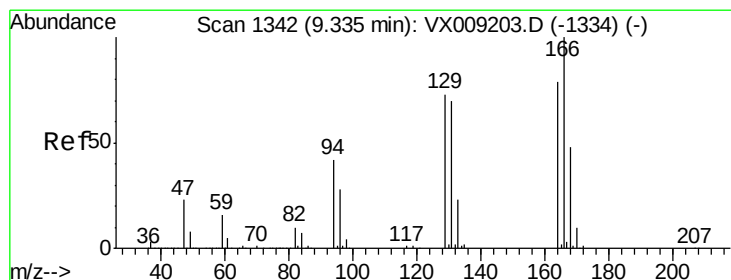
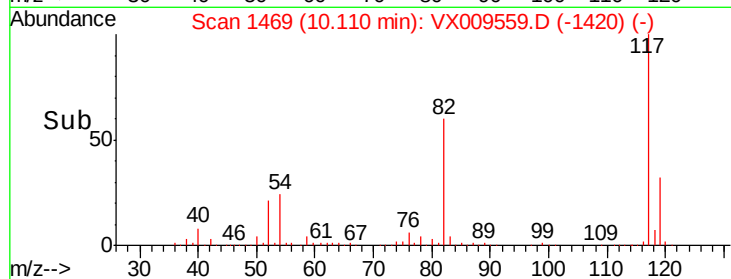
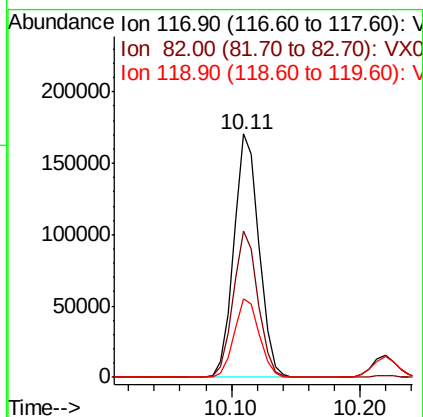
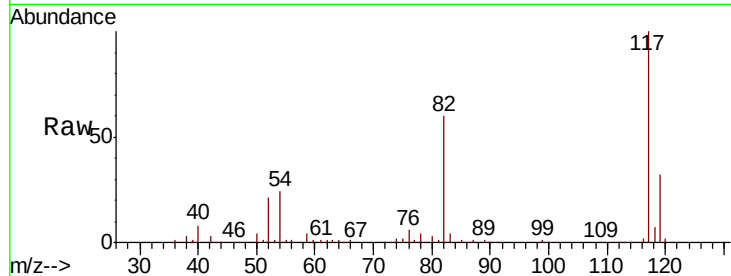




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

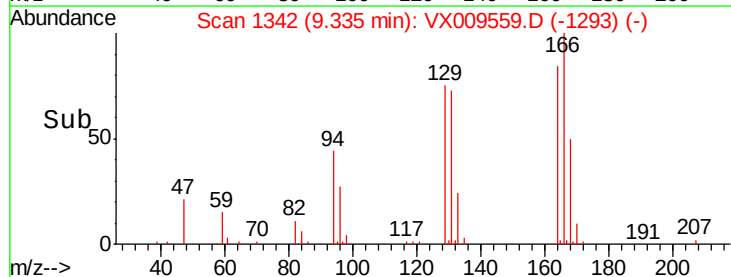
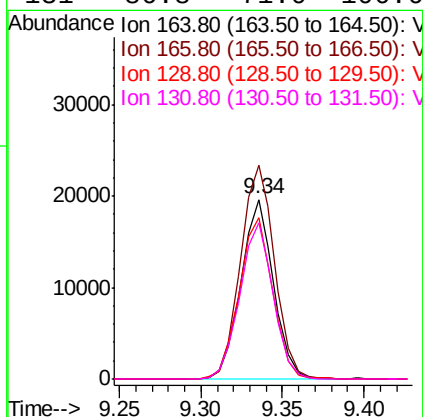
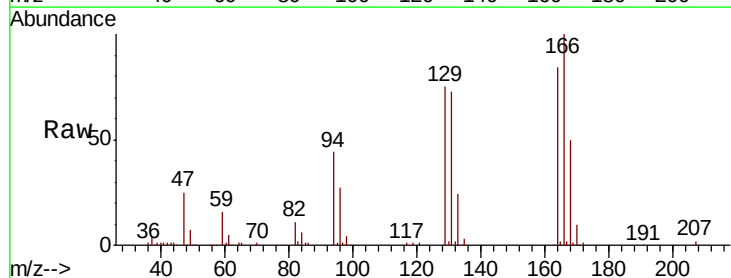
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

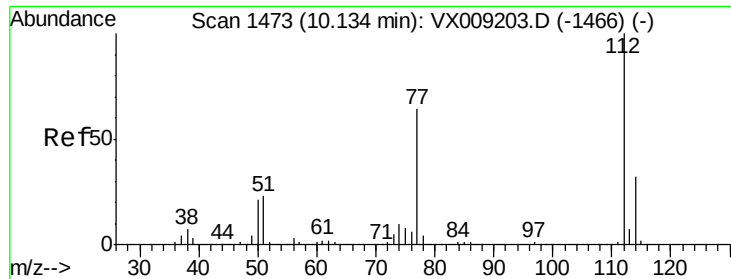
Tot Ion:117 Resp: 231228
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 17.154 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion:164 Resp: 27209
Ion Ratio Lower Upper
164 100
166 118.8 101.2 151.8
129 89.4 74.3 111.5
131 86.8 71.0 106.6

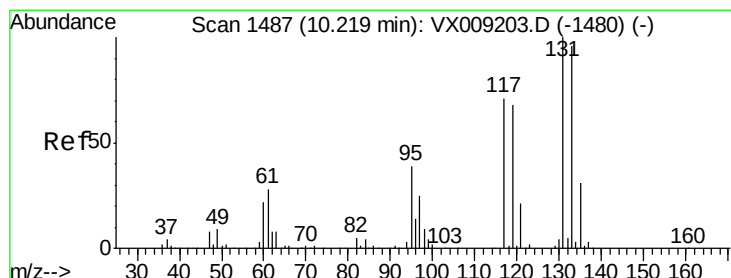
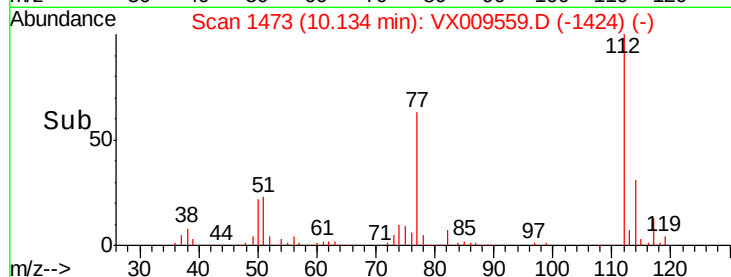
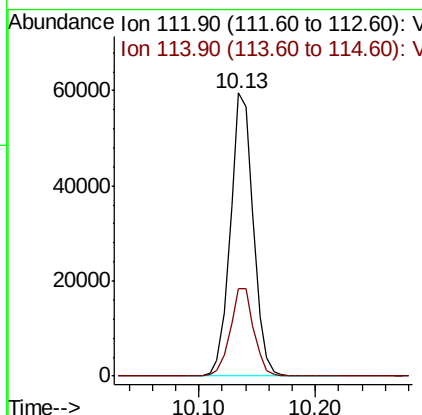
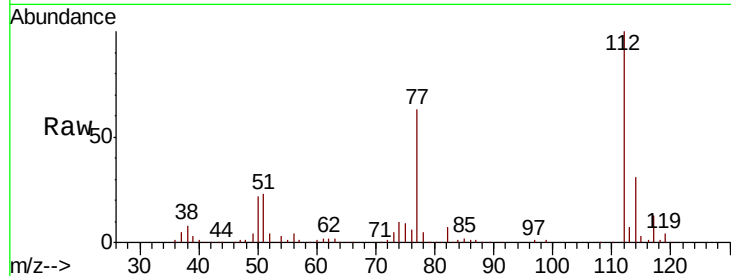




#65
Chlorobenzene
Concen: 17.572 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

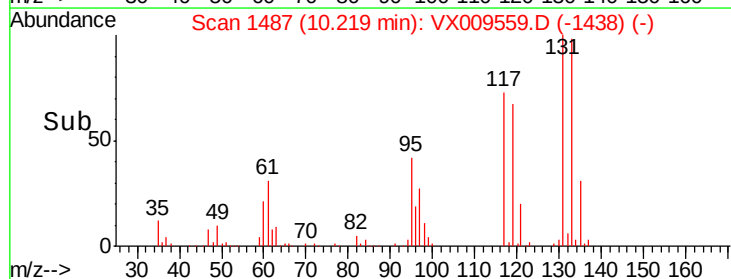
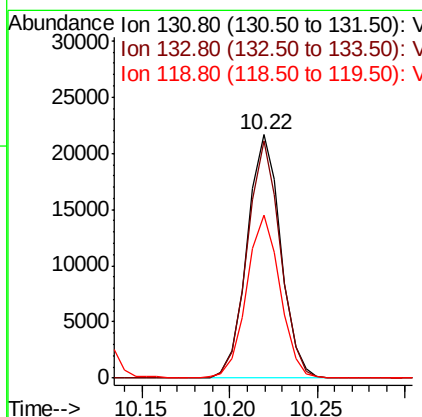
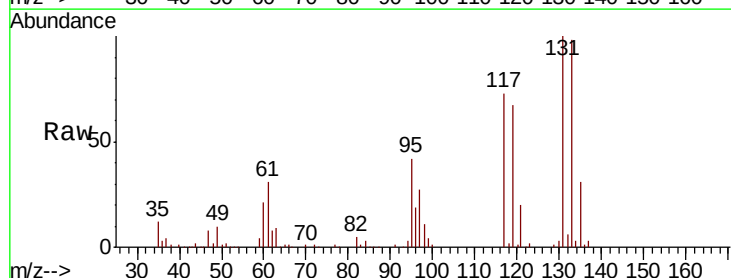
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

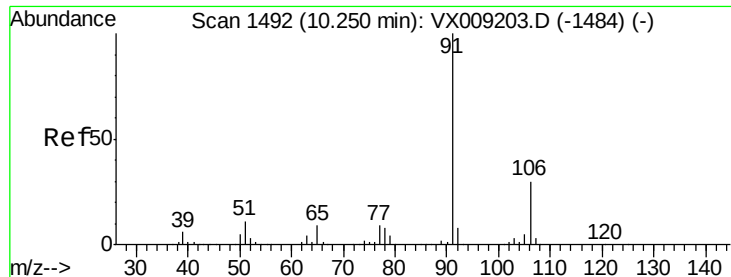
Tot Ion:112 Resp: 81281
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.228 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion:131 Resp: 28891
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 67.4 33.5 100.4

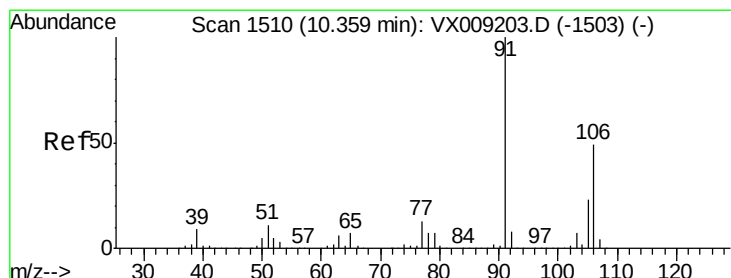
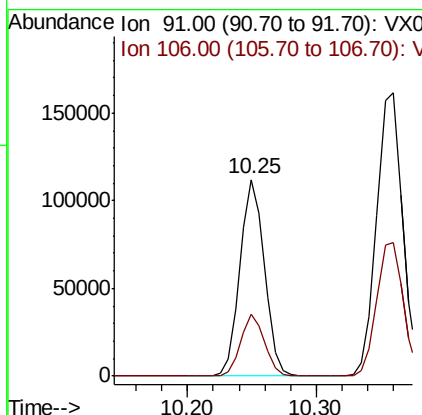
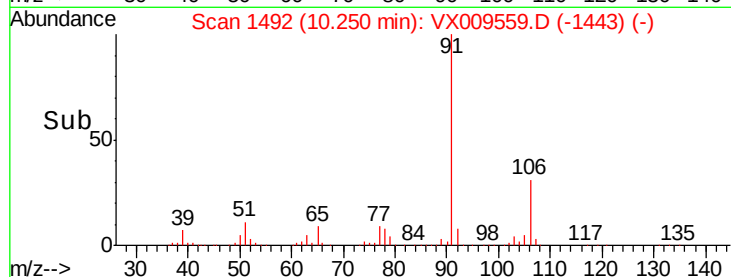
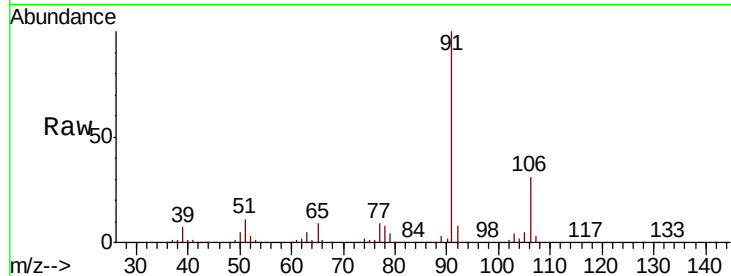




#67
Ethyl Benzene
Concen: 17.383 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

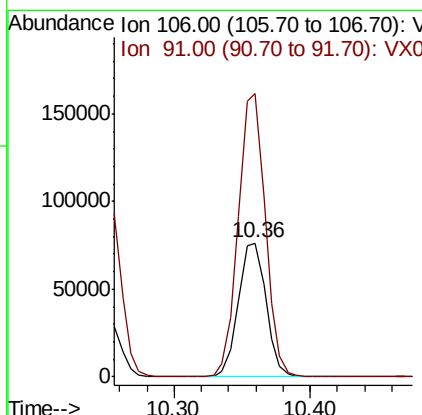
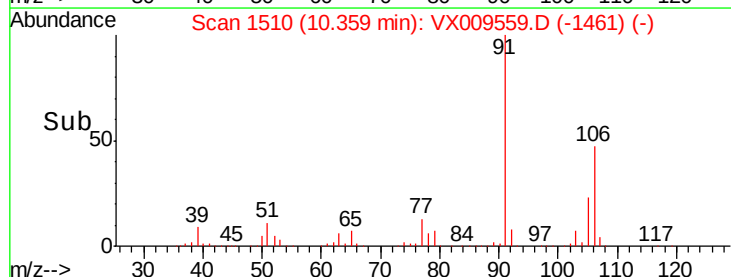
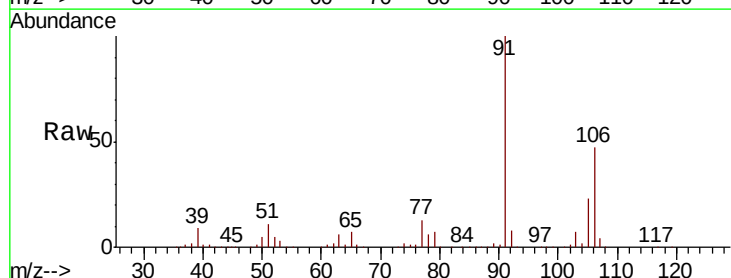
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

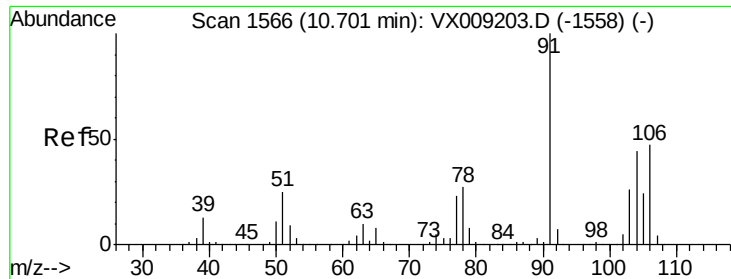
Tot Ion: 91 Resp: 147980
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0



#68
m/p-Xylenes
Concen: 34.909 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 106 Resp: 108596
Ion Ratio Lower Upper
106 100
91 207.3 164.0 246.0

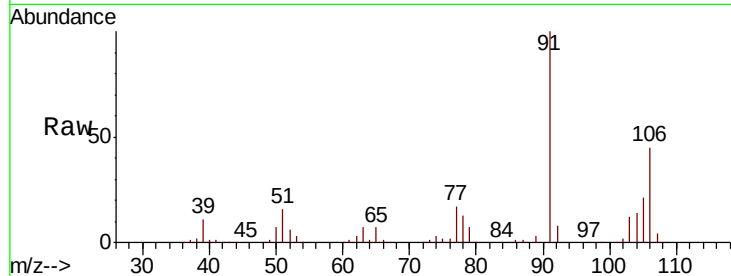




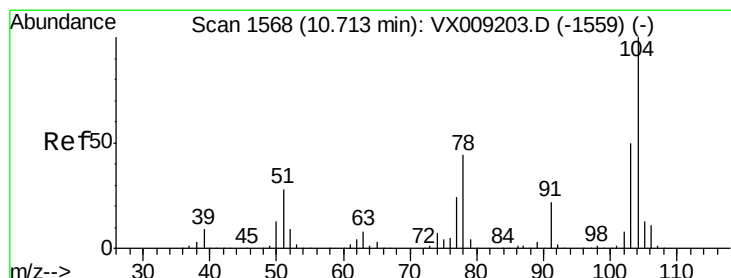
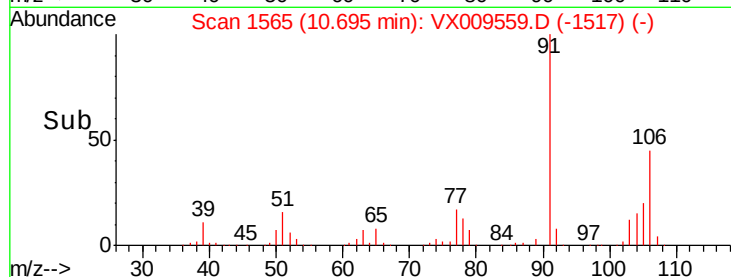
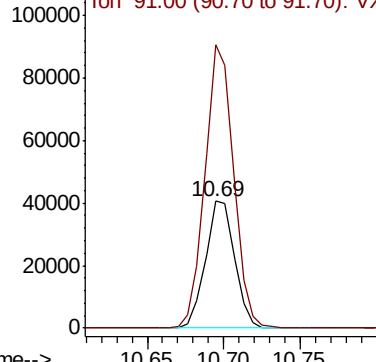
#69
o-Xylene
Concen: 17.436 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Instrument :
MSVOA_X
ClientSampled :
VX0514WBSD01

Tot Ion:106 Resp: 53517
Ion Ratio Lower Upper
106 100
91 219.6 109.5 328.4

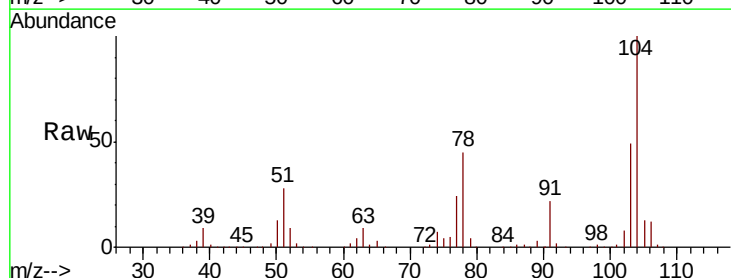


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

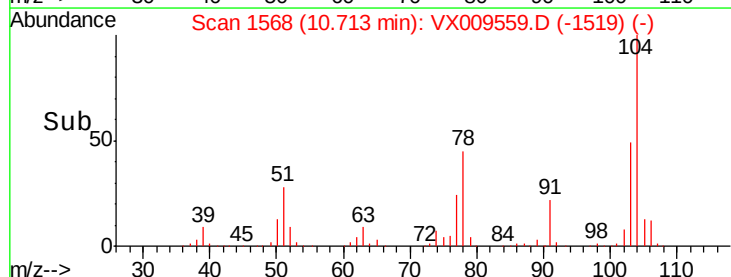
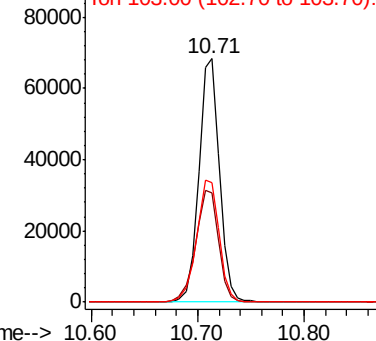


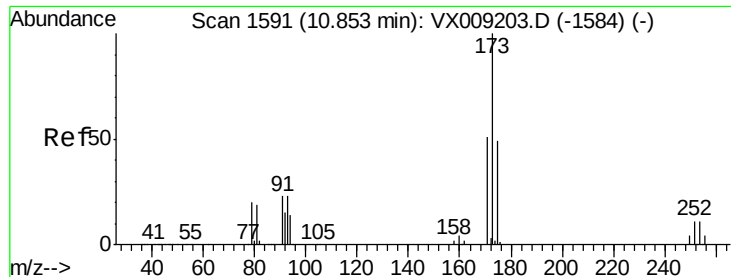
#70
Styrene
Concen: 17.352 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion:104 Resp: 92568
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 55.1 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: 16.766 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

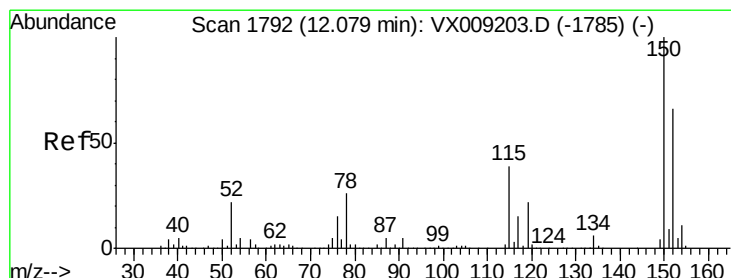
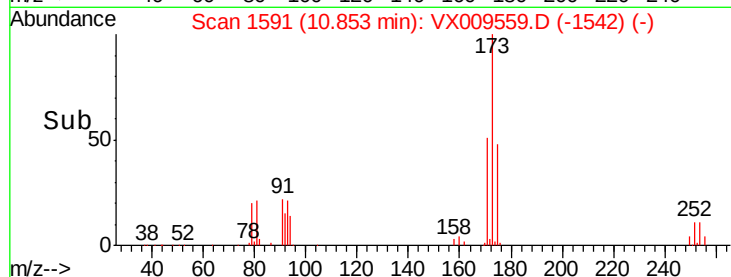
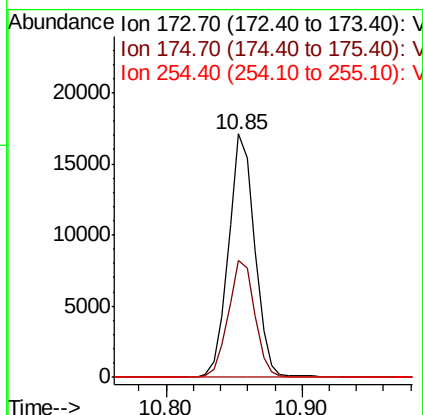
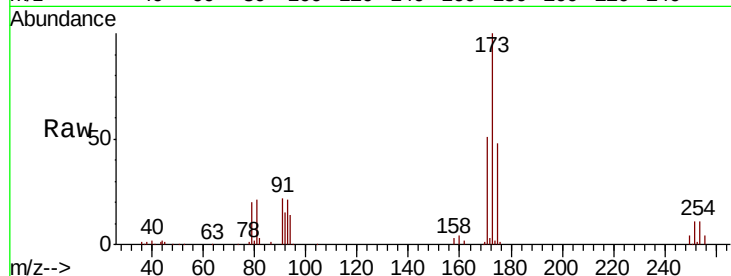
Tot Ion:173 Resp: 22848

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

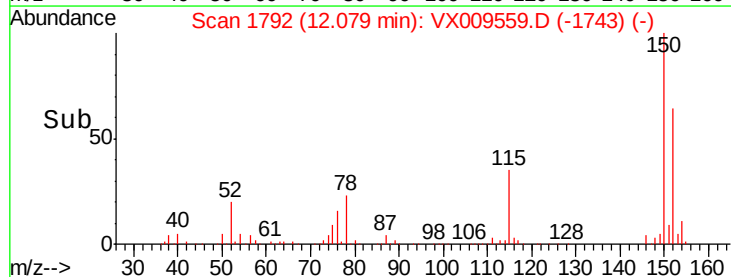
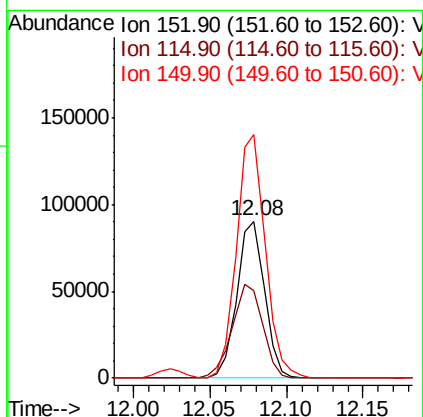
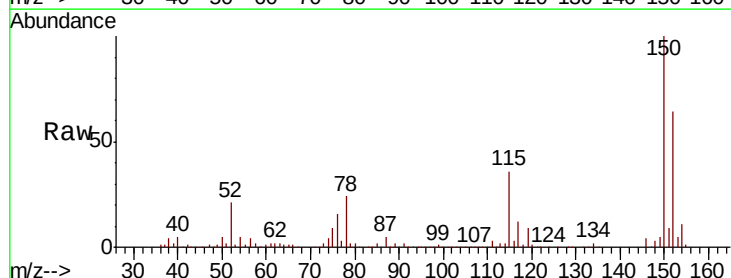
Tgt Ion:152 Resp: 112771

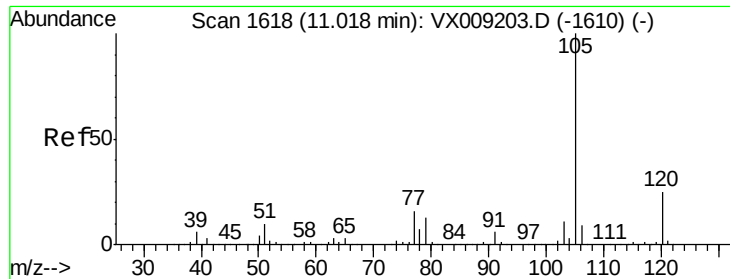
Ion Ratio Lower Upper

152 100

115 66.3 41.2 123.6

150 162.1 0.0 346.4





#73

Isopropylbenzene

Concen: 17.478 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

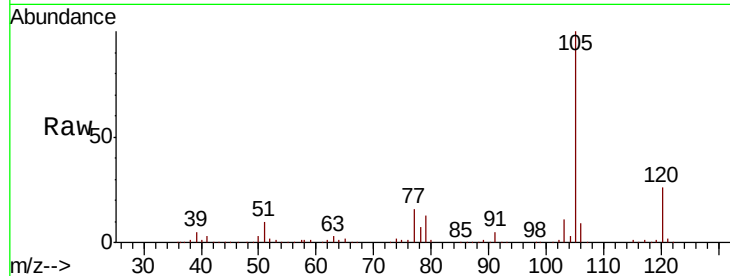
VX0514WBSD01

Tot Ion:105 Resp: 143332

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

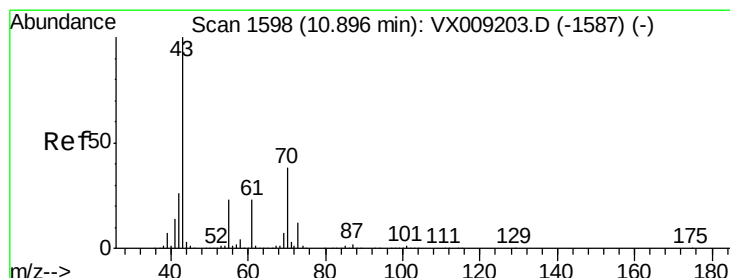
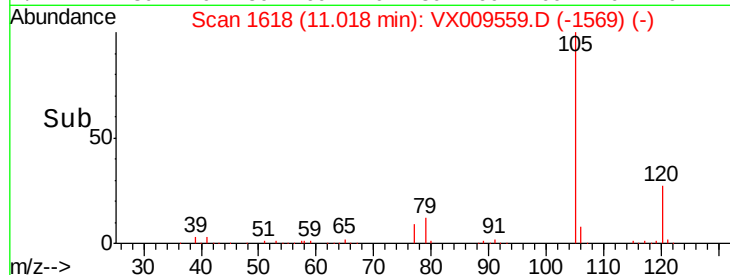
11.02

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.437 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Tgt Ion: 43 Resp: 83365

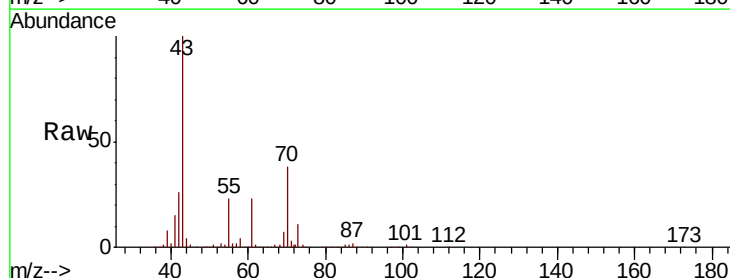
Ion Ratio Lower Upper

43 100

70 37.0 30.0 45.0

55 23.2 17.9 26.9

61 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

100000

80000

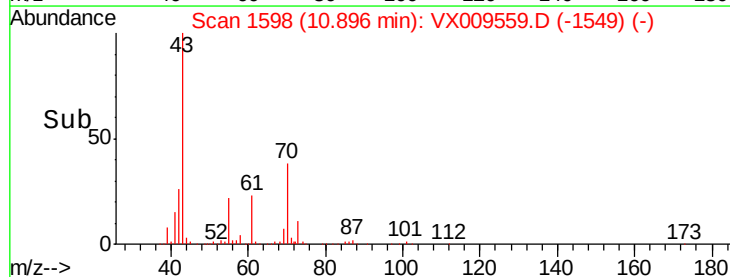
60000

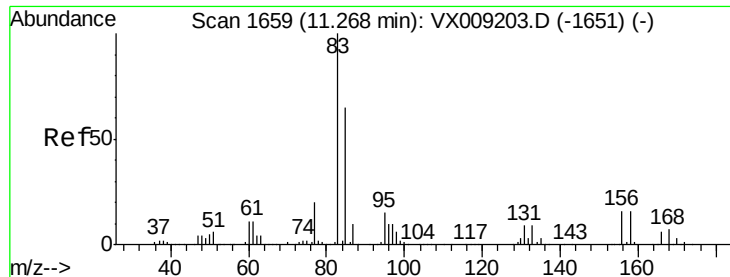
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 17.548 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

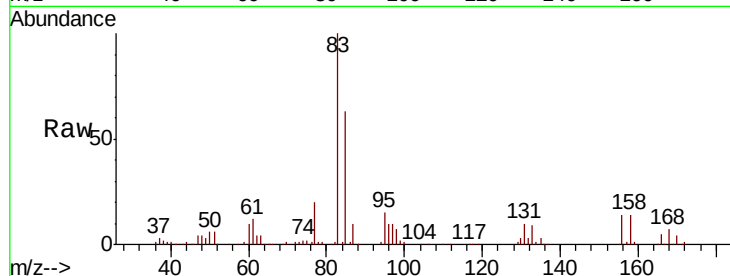
Tot Ion: 83 Resp: 53644

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

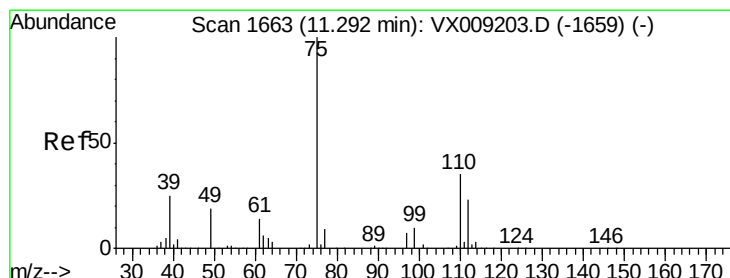
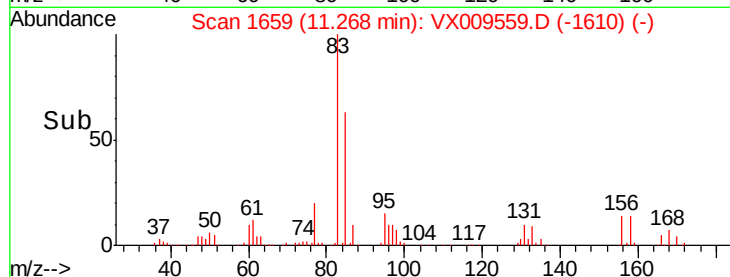
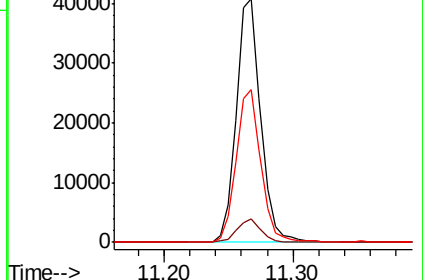
85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.834 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009559.D

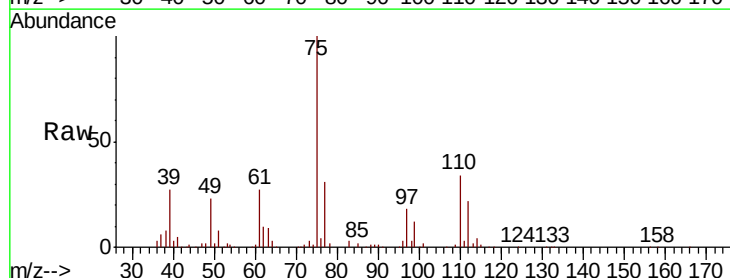
Acq: 14 May 2019 13:26

Tgt Ion: 75 Resp: 59732

Ion Ratio Lower Upper

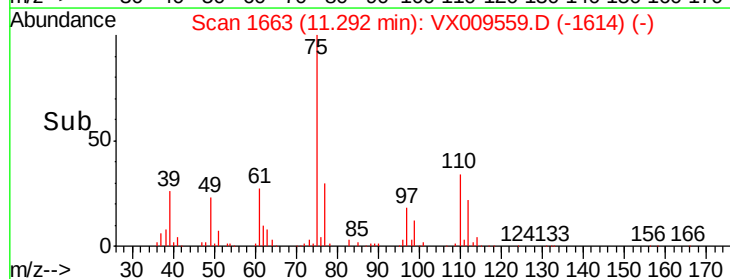
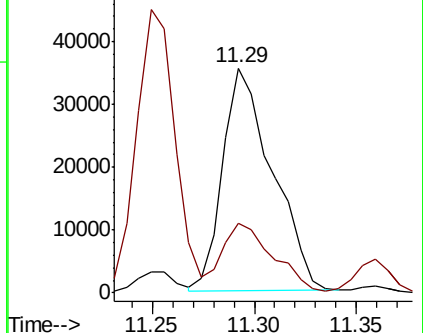
75 100

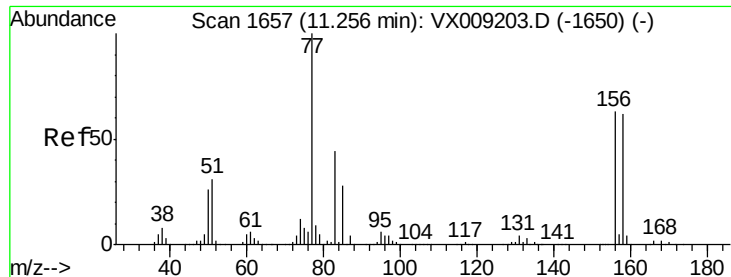
77 32.5 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.540 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

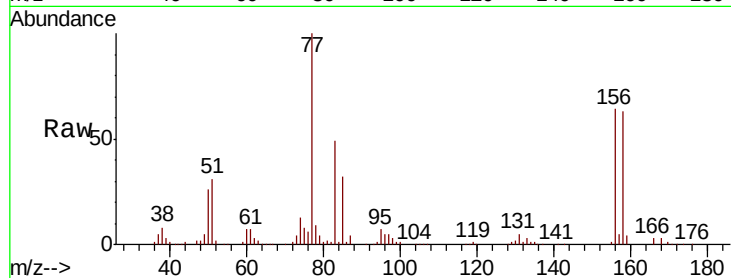
Tot Ion:156 Resp: 35702

Ion Ratio Lower Upper

156 100

77 166.6 84.8 254.3

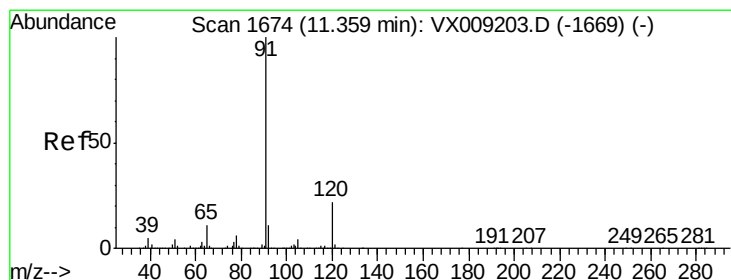
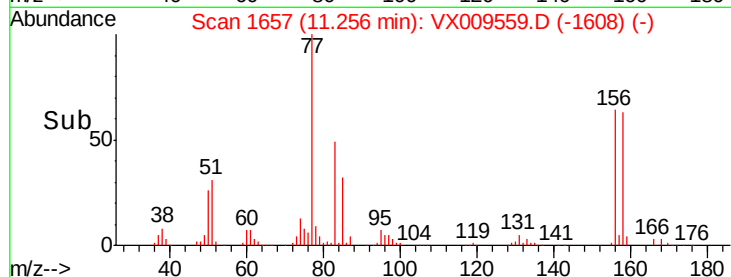
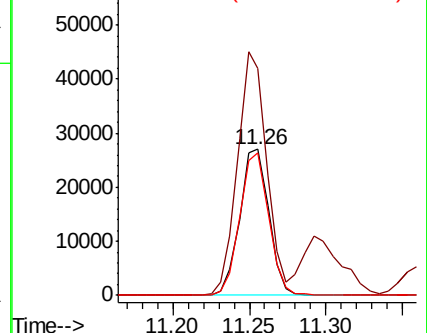
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.397 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009559.D

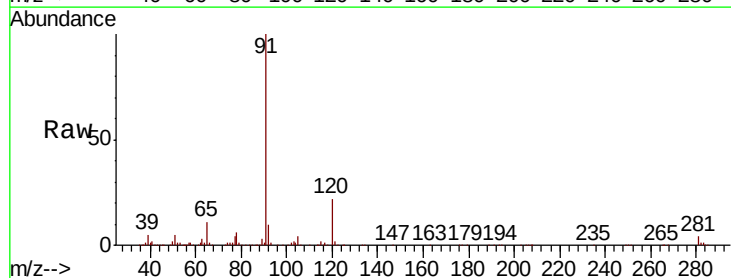
Acq: 14 May 2019 13:26

Tgt Ion: 91 Resp: 162931

Ion Ratio Lower Upper

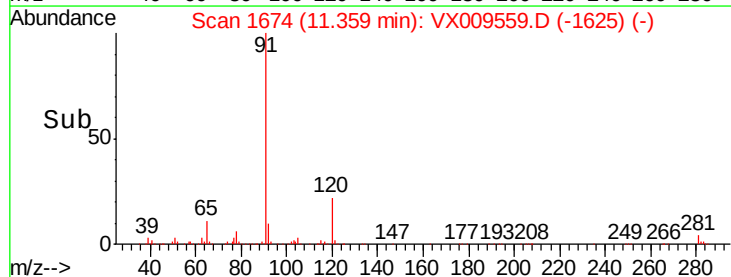
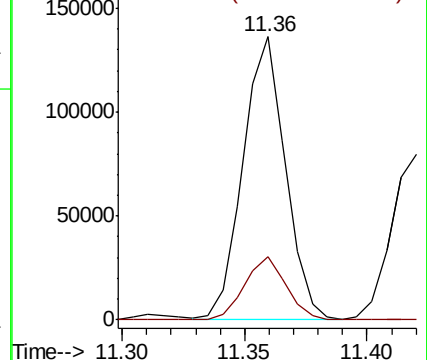
91 100

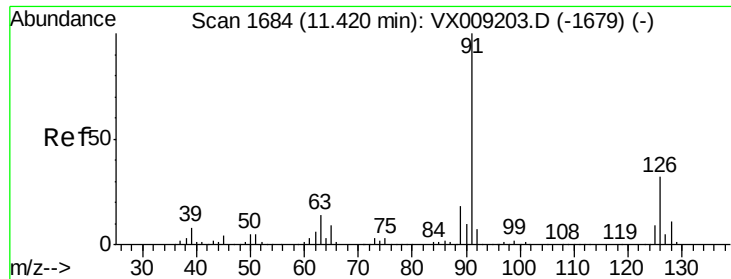
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

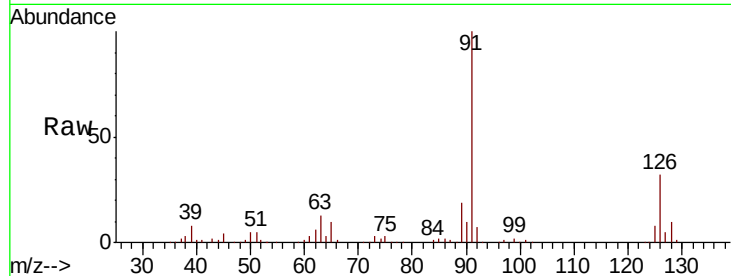




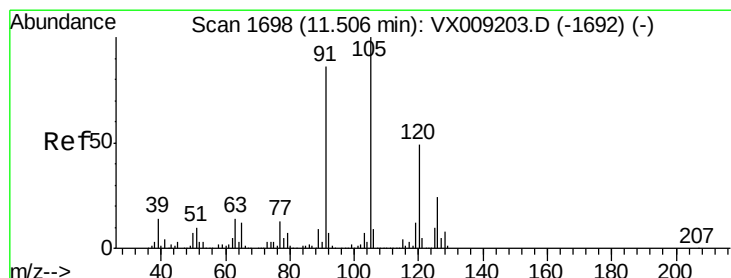
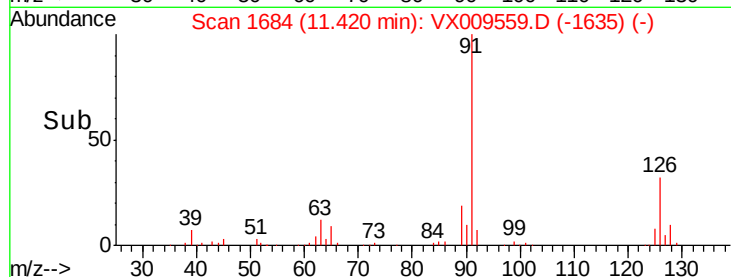
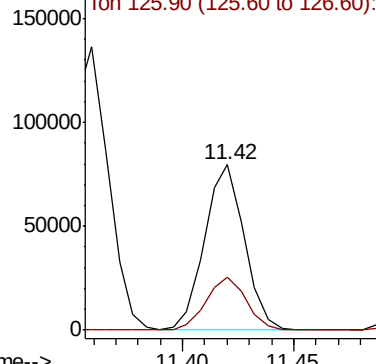
#79
 2-Chlorotoluene
 Concen: 17.014 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Tot Ion: 91 Resp: 98310
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9

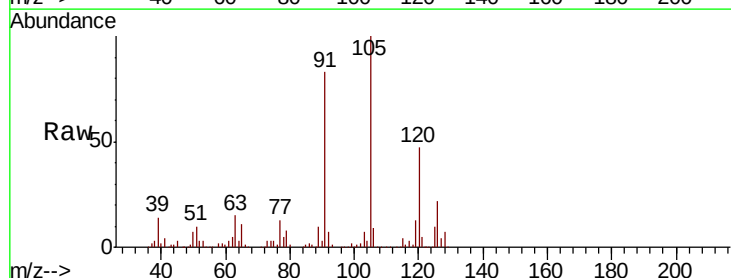


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

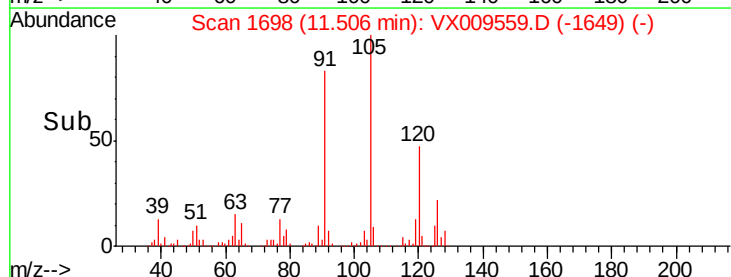
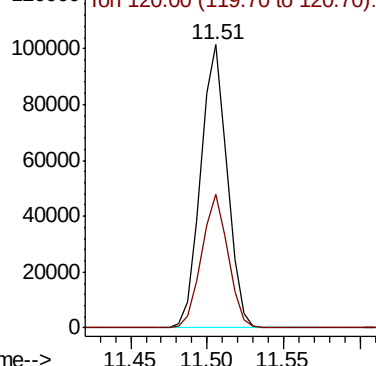


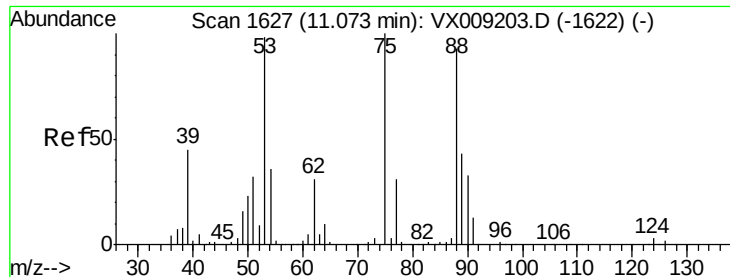
#80
 1,3,5-Trimethylbenzene
 Concen: 17.623 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion:105 Resp: 121684
 Ion Ratio Lower Upper
 105 100
 120 47.0 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: 16.043 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

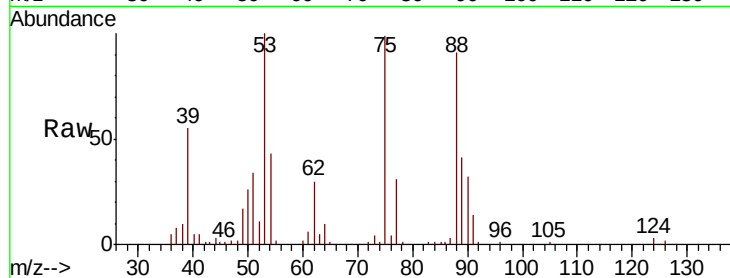
Tot Ion: 75 Resp: 16402

Ion Ratio Lower Upper

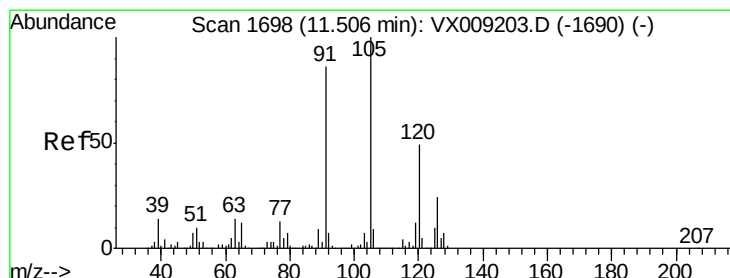
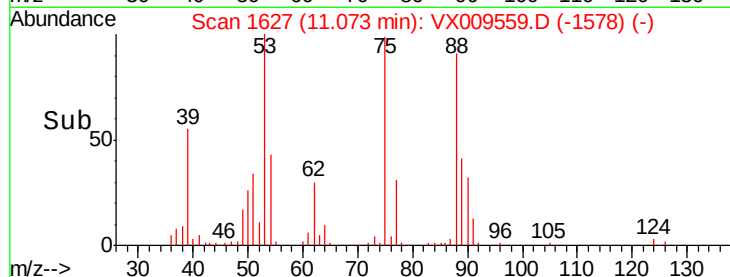
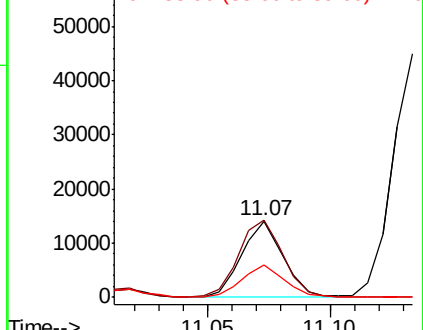
75 100

53 110.1 79.0 118.6

89 44.3 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: 17.141 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009559.D

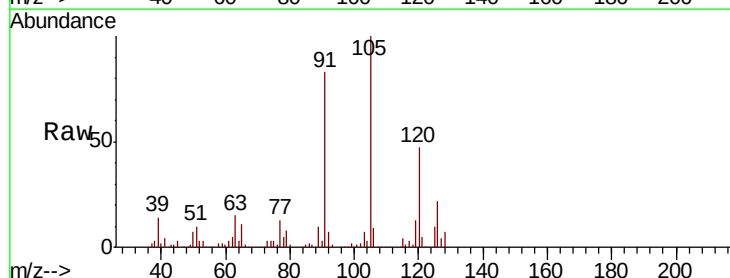
Acq: 14 May 2019 13:26

Tgt Ion: 91 Resp: 111888

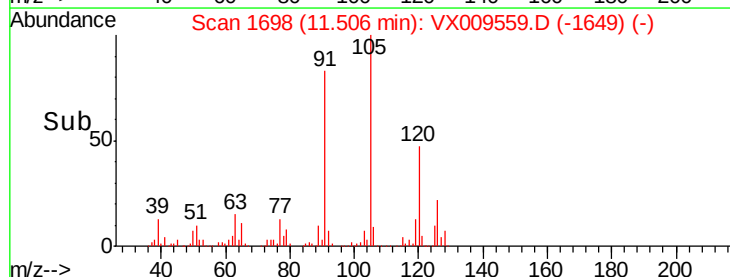
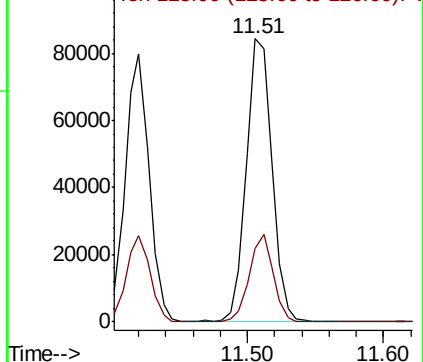
Ion Ratio Lower Upper

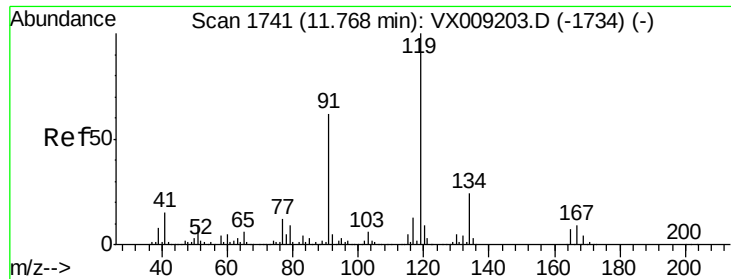
91 100

126 28.7 14.5 43.6



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

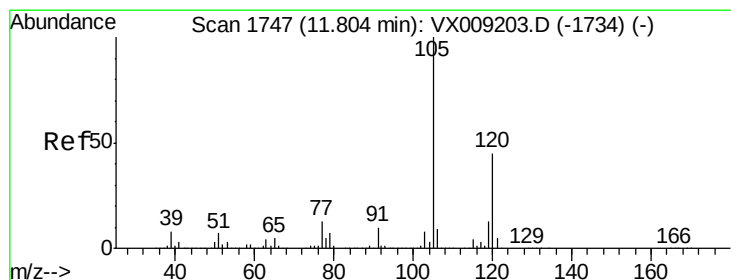
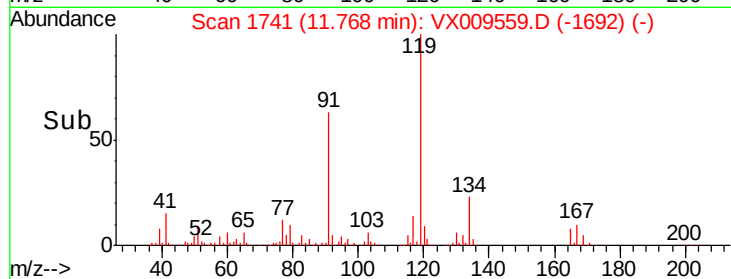
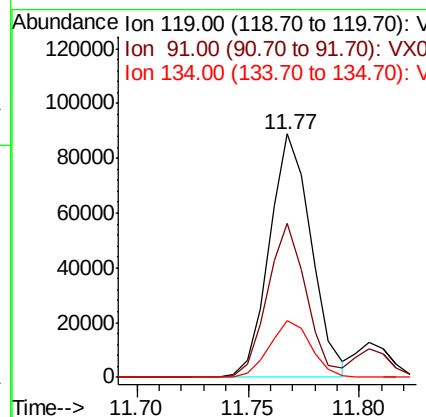
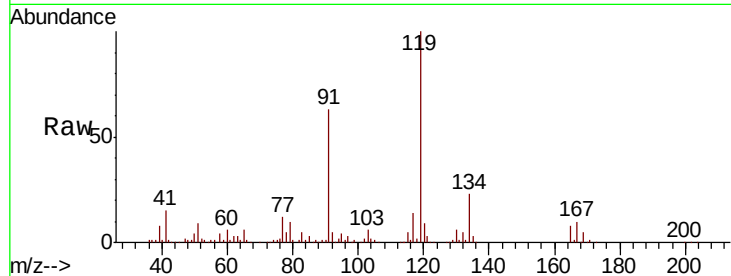




#83
 tert-Butylbenzene
 Concen: 17.264 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

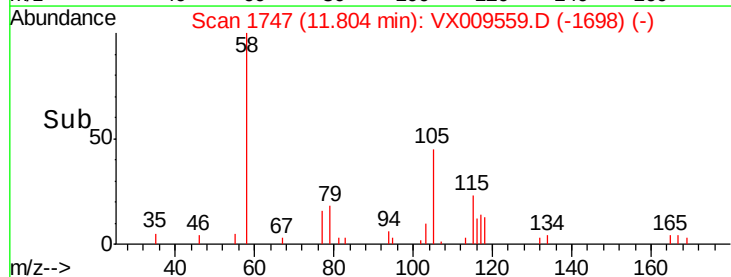
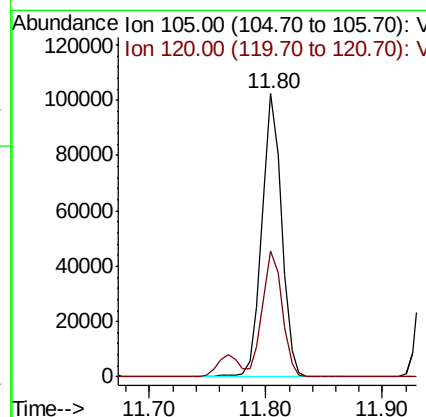
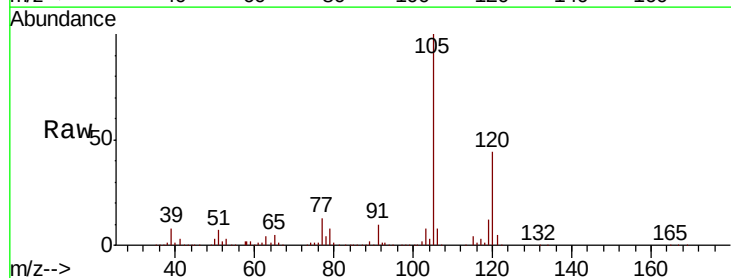
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

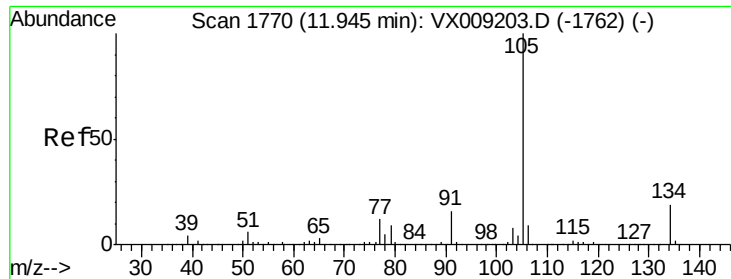
Tot Ion:119 Resp: 115964
 Ion Ratio Lower Upper
 119 100
 91 59.3 29.5 88.5
 134 23.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.625 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion:105 Resp: 122157
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.413 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampled :

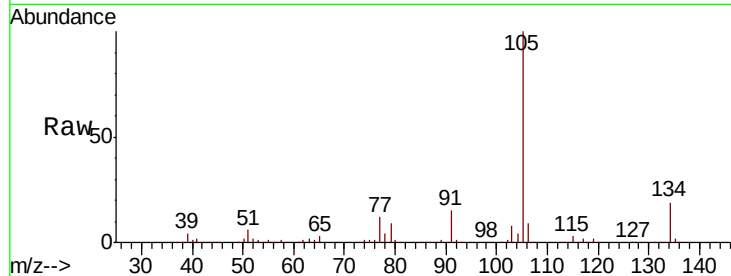
VX0514WBSD01

Tot Ion:105 Resp: 138666

Ion Ratio Lower Upper

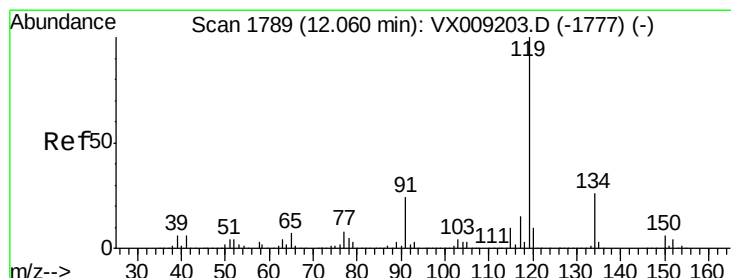
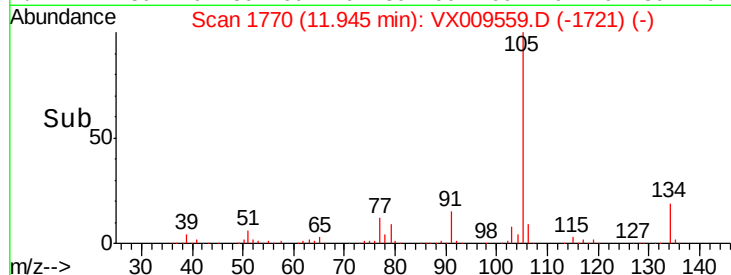
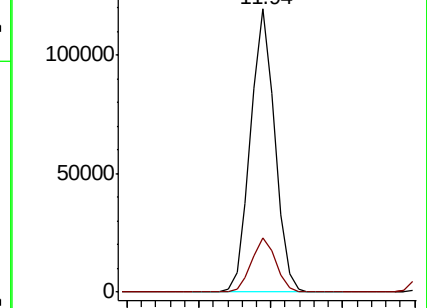
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.499 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

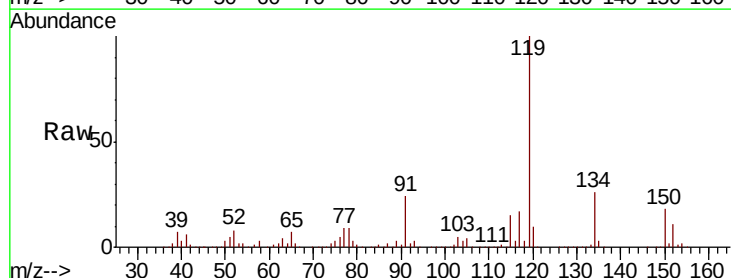
Tgt Ion:119 Resp: 125277

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

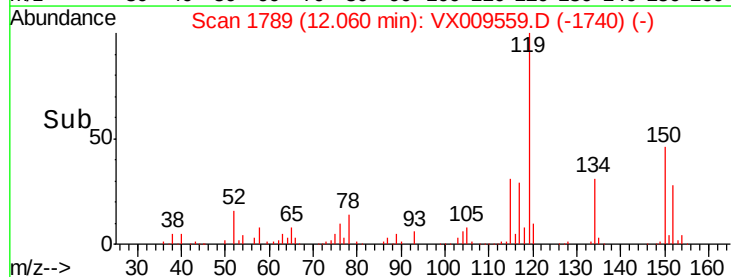
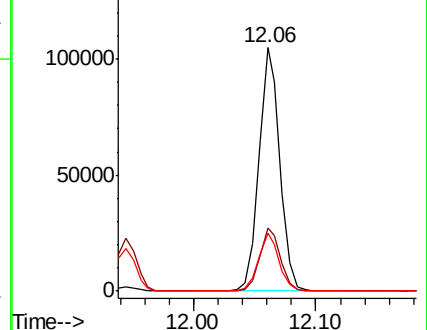
91 23.5 11.8 35.4

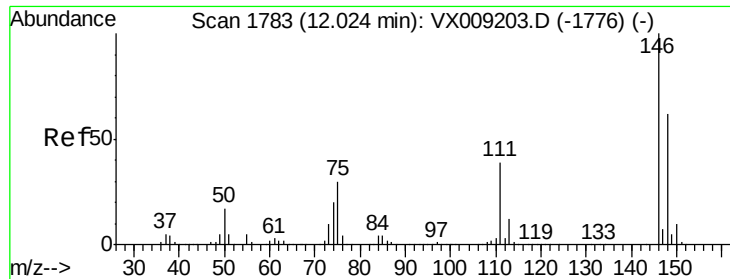


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

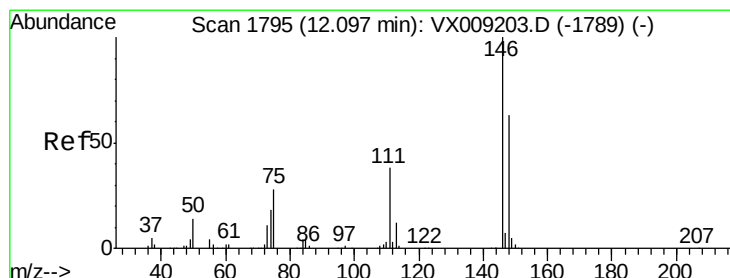
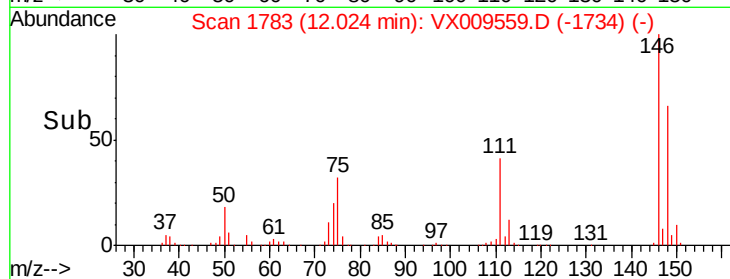
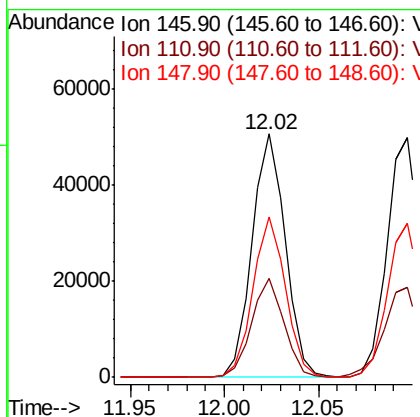
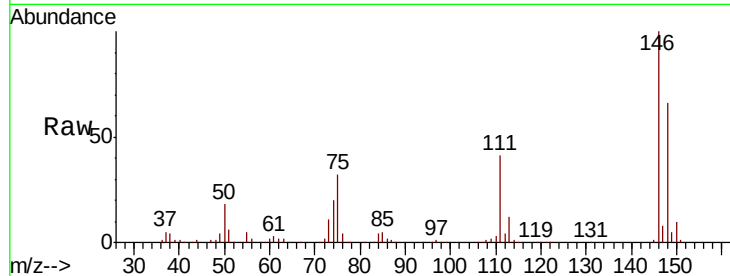




#87
 1,3-Dichlorobenzene
 Concen: 17.090 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

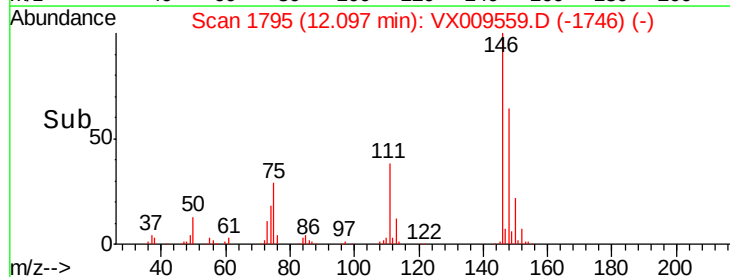
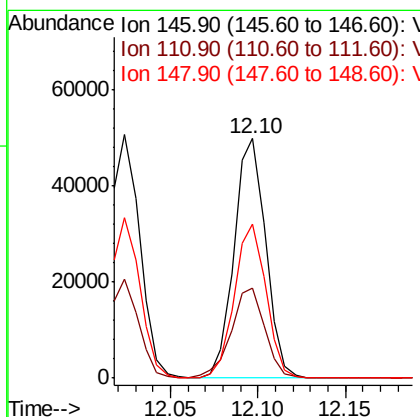
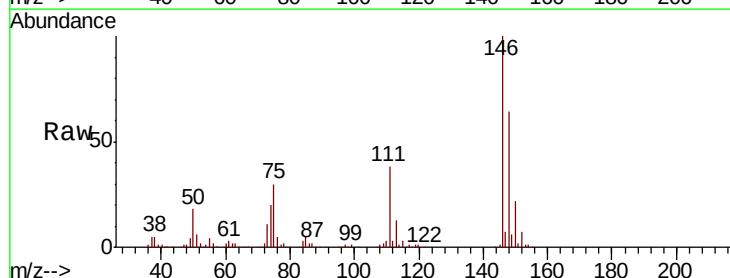
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

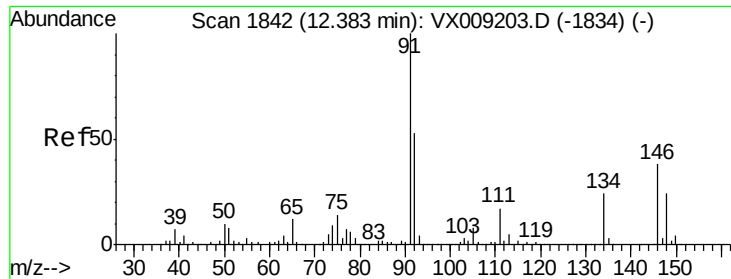
Tot Ion:146 Resp: 62010
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.182 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion:146 Resp: 62854
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 64.6 31.8 95.3

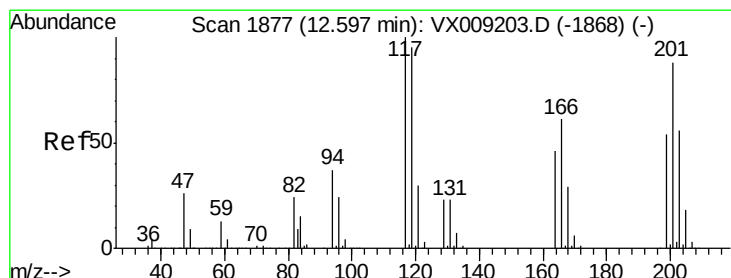
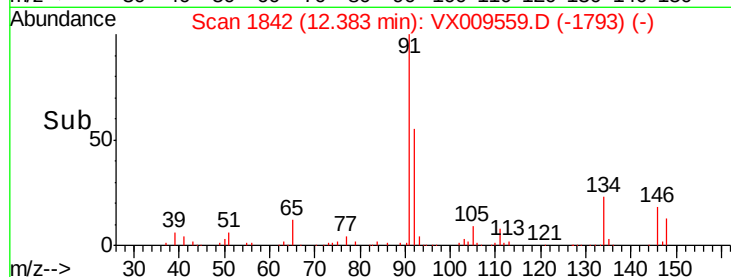
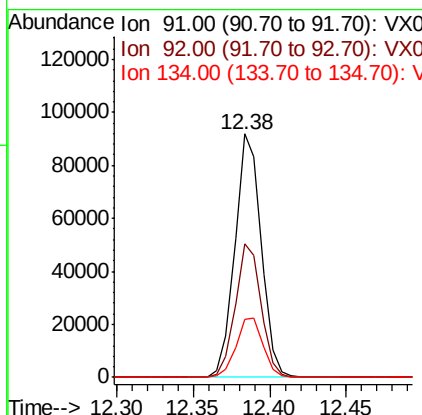
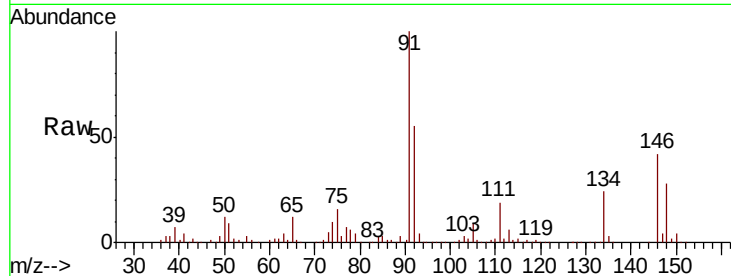




#89
n-Butylbenzene
Concen: 16.887 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

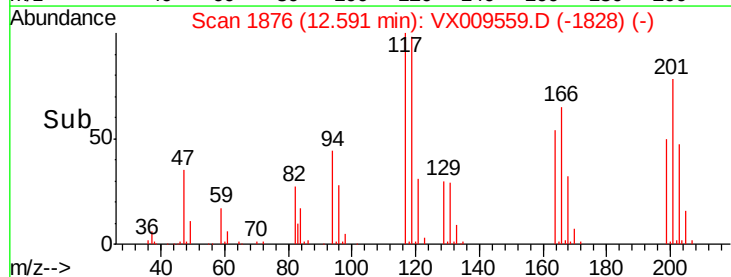
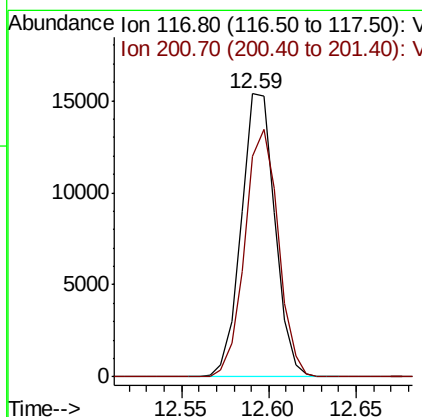
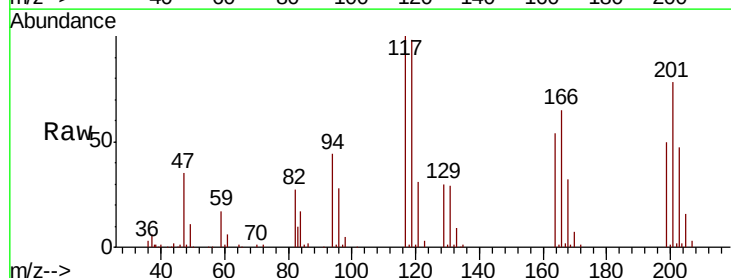
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

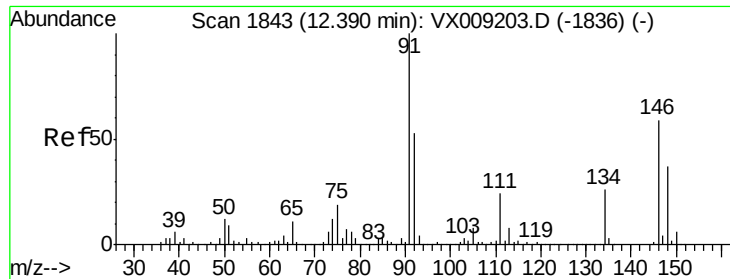
Tot Ion: 91 Resp: 109271
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.5
134 25.0 12.4 37.2



#90
Hexachloroethane
Concen: 16.881 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009559.D
Acq: 14 May 2019 13:26

Tgt Ion: 117 Resp: 20590
Ion Ratio Lower Upper
117 100
201 86.7 42.3 126.9

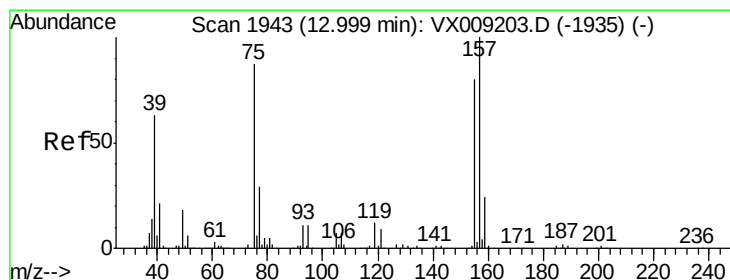
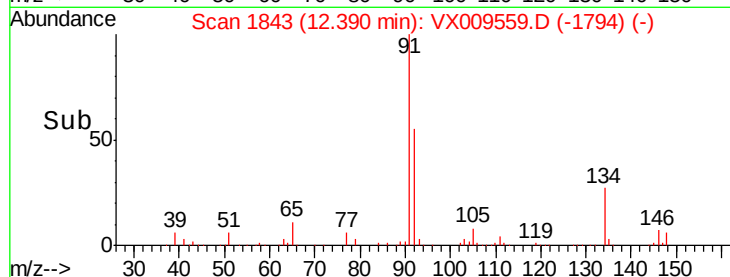
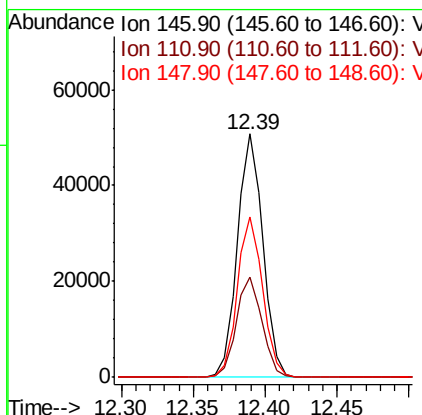
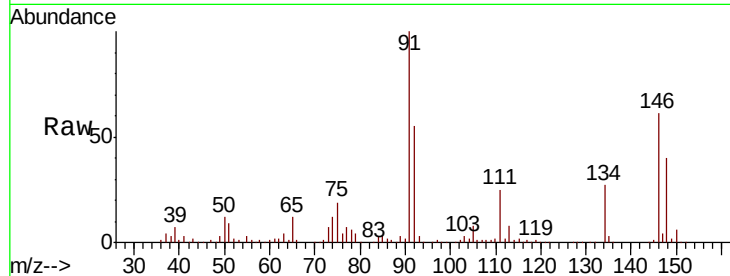




#91
 1,2-Dichlorobenzene
 Concen: 16.918 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

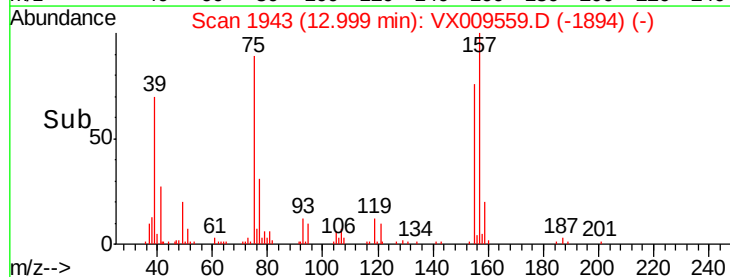
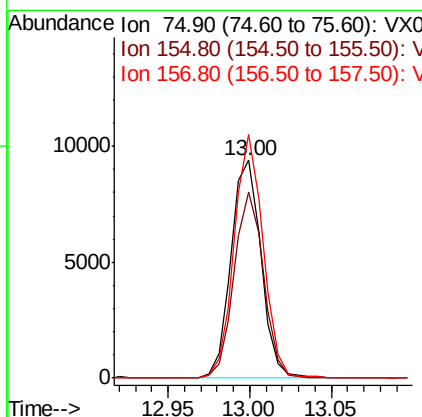
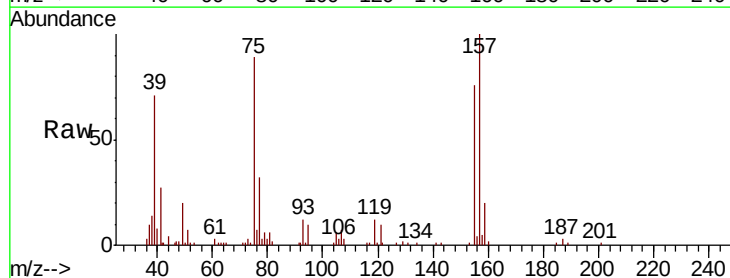
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

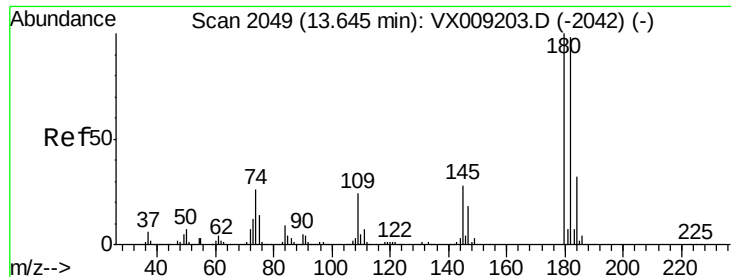
Tot Ion:146 Resp: 62525
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 65.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.530 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion: 75 Resp: 12022
 Ion Ratio Lower Upper
 75 100
 155 83.7 42.0 126.0
 157 107.6 53.2 159.6

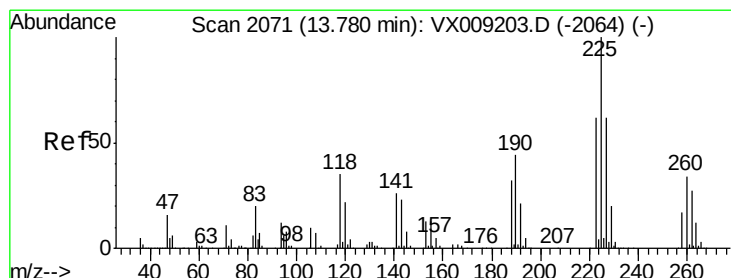
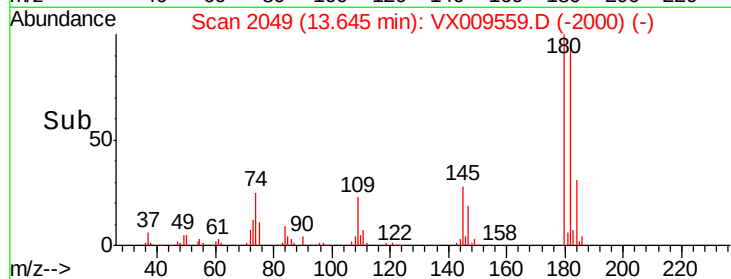
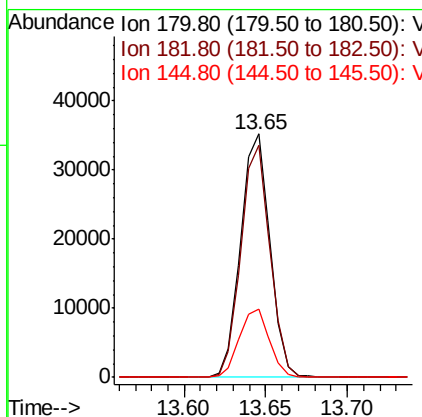
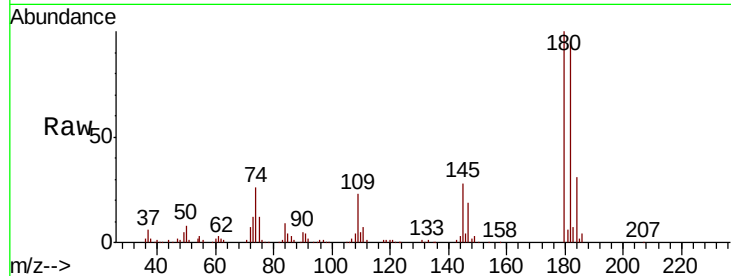




#93
 1,2,4-Trichlorobenzene
 Concen: 17.499 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

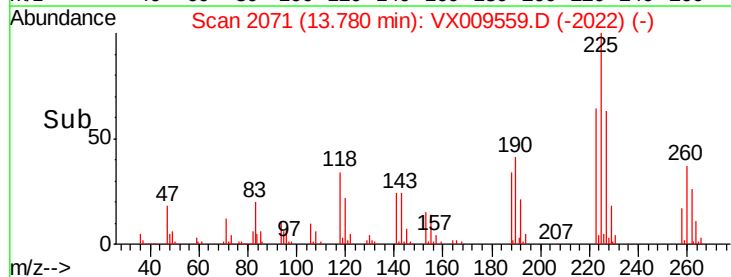
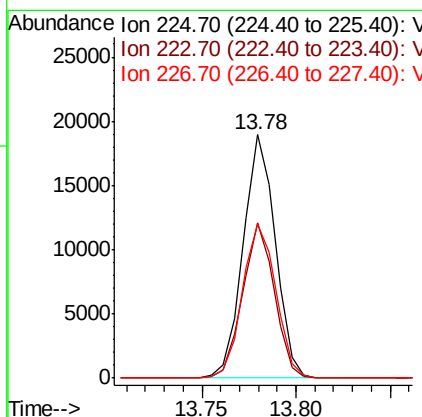
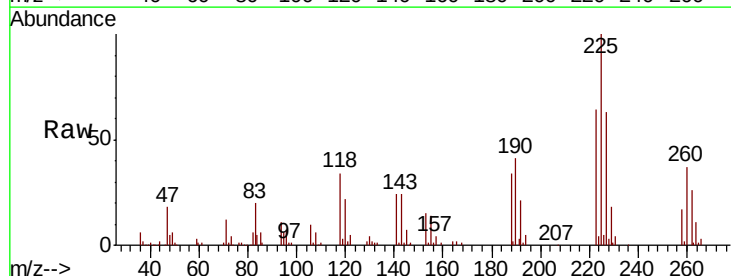
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

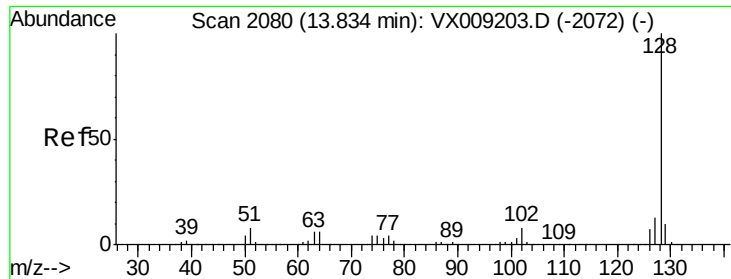
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.2
145	28.8	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 17.404 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009559.D
 Acq: 14 May 2019 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	65.4	31.8	95.3





#95

Naphthalene

Concen: 17.518 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

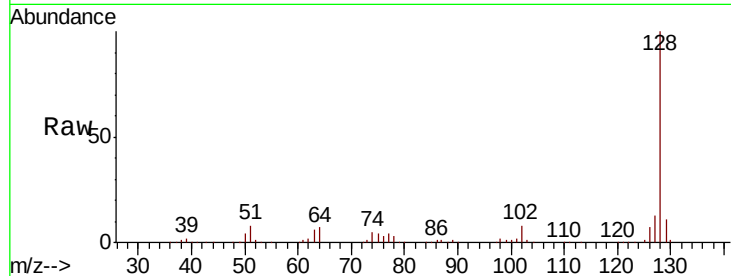
Tot Ion:128 Resp: 144039

Ion Ratio Lower Upper

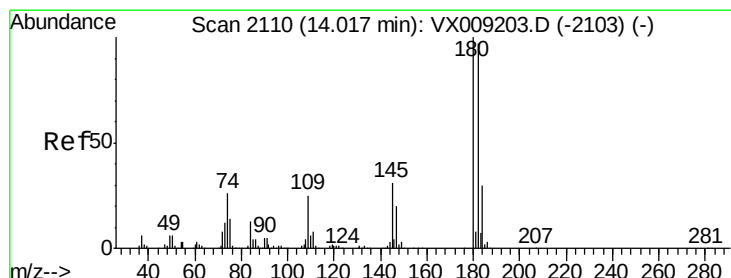
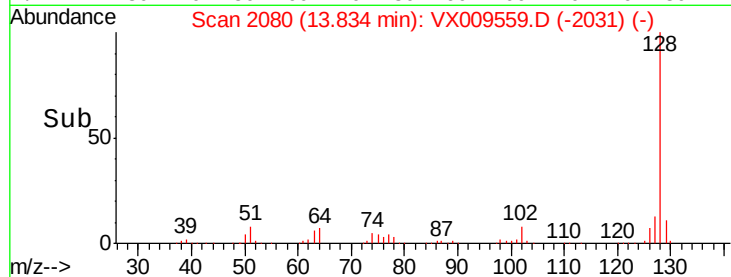
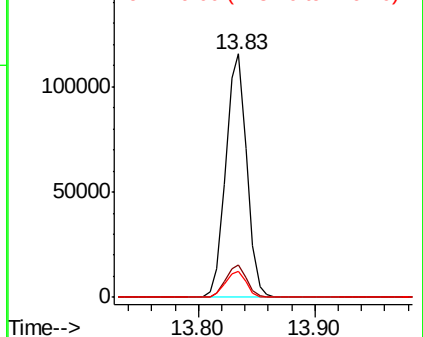
128 100

127 13.2 10.4 15.6

129 10.8 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: 17.629 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009559.D

Acq: 14 May 2019 13:26

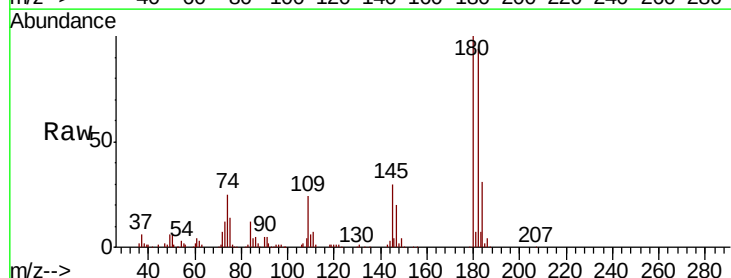
Tgt Ion:180 Resp: 45163

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.4

145 30.7 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

