

Data File : VX004913.D
Acq On : 02 Oct 2018 11:25
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 03 04:26:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	44788	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	268666	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	249075	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	105383	30.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.20%
60) 4-Bromofluorobenzene	11.14	95	125645	30.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.17%
63) Toluene-d8	8.72	98	328962	29.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.63%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	383863	110.082	ug/l	99
3) Chloromethane	1.32	50	373218	103.157	ug/l	100
4) Vinyl Chloride	1.40	62	396943	107.322	ug/l	100
5) Bromomethane	1.64	94	189094	106.542	ug/l	98
6) Chloroethane	1.70	64	222671	104.863	ug/l	98
7) Trichlorofluoromethane	1.92	101	497135	105.516	ug/l	99
8) Diethyl Ether	2.19	74	200479	104.381	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	277239	102.463	ug/l	99
10) 1,1-Dichloroethene	2.37	96	266960	104.166	ug/l	96
11) Methyl Iodide	2.50	142	271288	130.012	ug/l	98
12) Methyl Acetate	2.78	43	545232	105.504	ug/l	99
13) Acrolein	2.29	56	248670	520.802	ug/l	98
14) Acrylonitrile	3.15	53	1100577	521.138	ug/l	99
15) Acetone	2.45	58	334919	474.426	ug/l	99
16) Carbon Disulfide	2.56	76	800521	106.499	ug/l	99
17) Allyl chloride	2.72	41	608758	106.819	ug/l	95
18) Methylene Chloride	2.85	84	304953	102.319	ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	284560	103.928	ug/l	99
20) Diisopropyl ether	3.87	45	1017760	104.743	ug/l	94
21) 1,1-Dichloroethane	3.69	63	544457	101.697	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	317626	104.852	ug/l	98
23) tert-Butyl Alcohol	3.09	59	490923	503.503	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	976902	103.726	ug/l	100
25) Chloroform	5.21	83	527256	104.642	ug/l	95
26) Cyclohexane	5.57	56	492537	107.200	ug/l	# 100
29) 1,1-Dichloropropene	5.79	75	398614	100.264	ug/l	99
30) 2-Butanone	4.71	43	1547331	478.707	ug/l	100
31) 2,2-Dichloropropane	4.58	77	435450	99.829	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	455144	99.592	ug/l	99
33) Carbon Tetrachloride	5.78	117	401276	99.977	ug/l	99
34) Benzene	6.14	78	1194538	99.013	ug/l	99
35) Methacrylonitrile	5.06	41	297273	98.964	ug/l	98
36) 1,2-Dichloroethane	6.20	62	422023	97.101	ug/l	99
37) Trichloroethene	7.21	130	316519	99.601	ug/l	98
38) Methylcyclohexane	7.46	83	489358	103.676	ug/l	97
39) 1,2-Dichloropropane	7.52	63	321481	100.010	ug/l	97
40) Dibromomethane	7.66	93	205900	98.827	ug/l	97

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Quant Time: Oct 03 04:26:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	405257	100.898	ug/l	98
42) Vinyl Acetate	3.82	43	4579823	489.744	ug/l	99
43) Ethyl Acetate	4.86	43	528241	99.071	ug/l	100
44) Isopropyl Acetate	6.46	43	816102	102.565	ug/l	100
45) 1,4-Dioxane	7.76	88	188981	2015.917	ug/l	96
46) Methyl methacrylate	7.78	41	426484	103.309	ug/l	100
47) n-amyl Acetate	10.90	43	771343	105.071	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	483012	99.237	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	510914	108.530	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	311734	98.827	ug/l	99
51) Ethyl methacrylate	9.18	69	525981	105.070	ug/l	99
52) 1,3-Dichloropropane	9.37	76	525592	98.767	ug/l	100
53) Dibromochloromethane	9.59	129	337068	102.998	ug/l	100
54) 1,2-Dibromoethane	9.68	107	327293	99.564	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1351115	511.495	ug/l	99
56) Bromoform	10.86	173	288667	105.623	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	2861211	511.619	ug/l	100
59) 2-Hexanone	9.50	43	2338413	507.516	ug/l	100
61) Tetrachloroethene	9.34	164	300596	99.169	ug/l	96
62) Toluene	8.79	91	1309095	100.007	ug/l	99
64) Chlorobenzene	10.14	112	847948	100.306	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	312903	101.822	ug/l	100
66) Ethyl Benzene	10.26	91	1463156	102.385	ug/l	98
67) m/p-Xylenes	10.36	106	1145361	205.840	ug/l	98
68) o-Xylene	10.70	106	552454	102.999	ug/l	99
69) Styrene	10.71	104	943992	104.665	ug/l	99
70) Isopropylbenzene	11.02	105	1473080	102.564	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	537433	100.744	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	653444	134.453	ug/l	87
73) Bromobenzene	11.26	156	400523	101.448	ug/l	100
74) n-propylbenzene	11.36	91	1735740	102.712	ug/l	99
75) 2-Chlorotoluene	11.42	91	1044040	101.299	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	1274858	102.874	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	180426	112.915	ug/l	92
78) 4-Chlorotoluene	11.51	91	1215598	101.471	ug/l	100
79) tert-butylbenzene	12.07	119	1358448	103.290	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	1296137	102.558	ug/l	100
81) sec-Butylbenzene	11.95	105	1504356	102.838	ug/l	100
82) p-Isopropyltoluene	12.07	119	1358448	103.290	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	743067	101.780	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	746516	100.761	ug/l	99
85) n-Butylbenzene	12.39	91	1259707	105.456	ug/l	99
86) Hexachloroethane	12.60	117	227574	105.049	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	750691	101.152	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	127494	103.423	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	577756	104.360	ug/l	100
90) Hexachlorobutadiene	13.79	225	275171	100.680	ug/l	99
91) Naphthalene	13.83	128	1827353	106.154	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	581208	102.382	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100218\
Quantitation Report (Not Reviewed)

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VSTDICC100

Quant Time: Oct 03 04:26:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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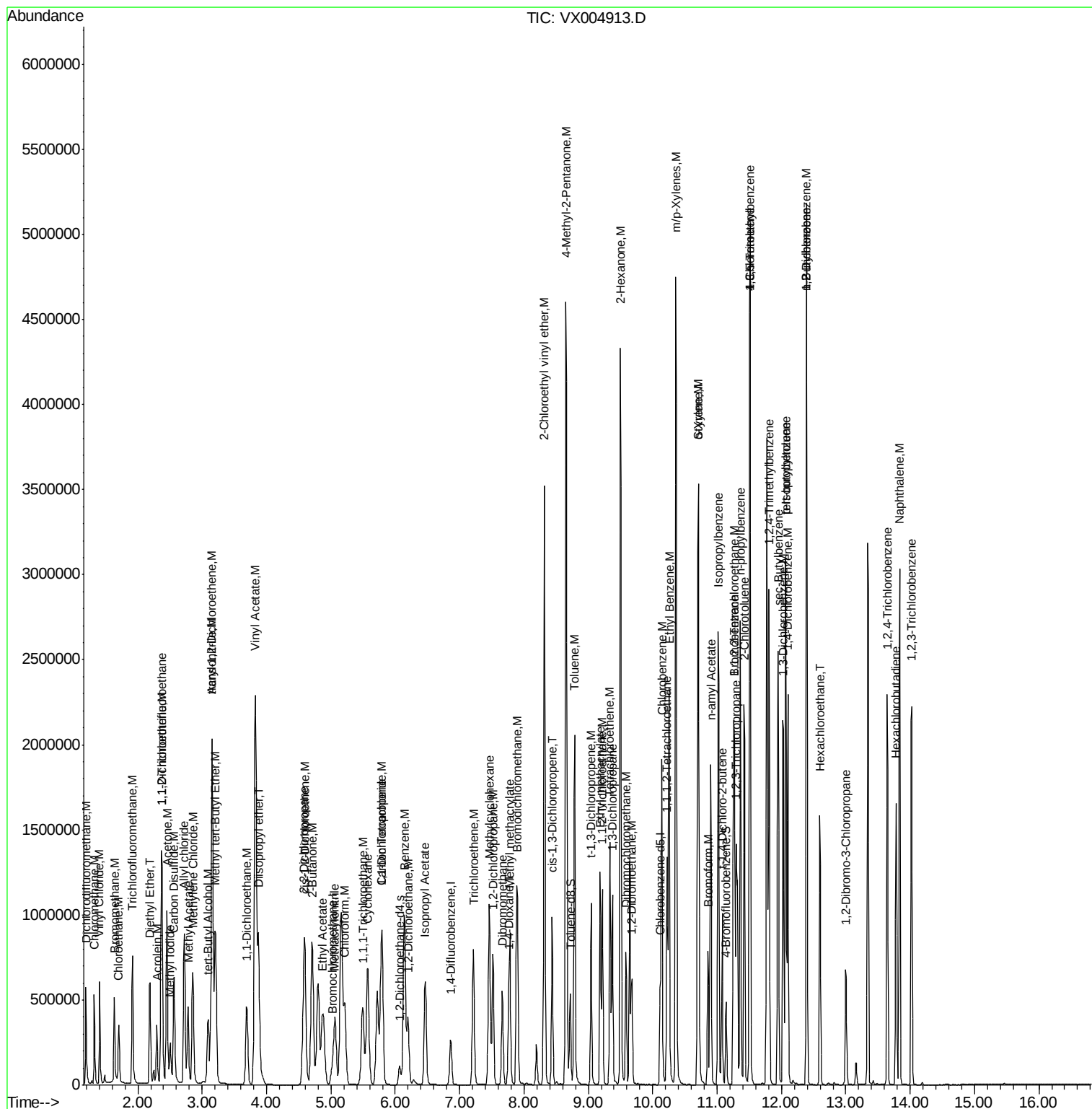
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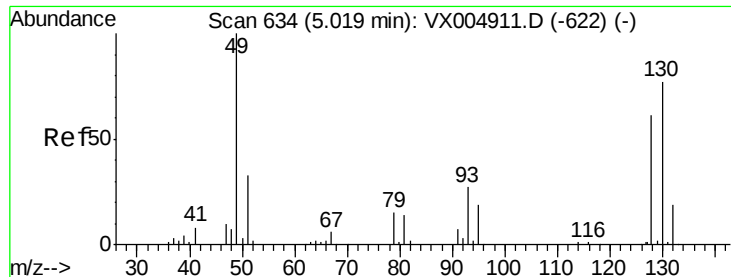
Data File : VX004913.D

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Acq On       : 02 Oct 2018   11:25
Operator    : JC/MD
Sample      : VSTDICC100
Misc       : 5.0mL/MSVOA_X/WATER
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Oct 03 04:26:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X100218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 03 04:23:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

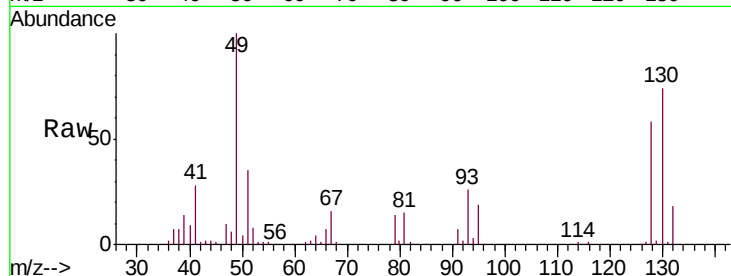
Tgt Ion:128 Resp: 44788

Ion Ratio Lower Upper

128 100

49 176.0 0.0 429.5

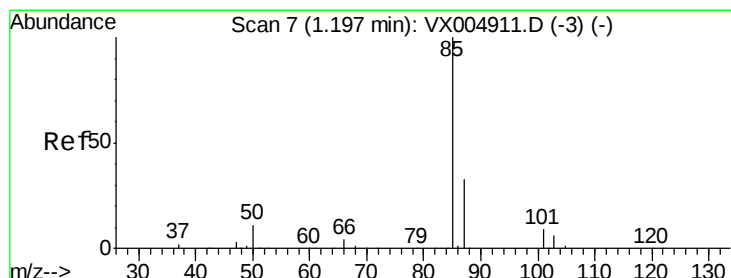
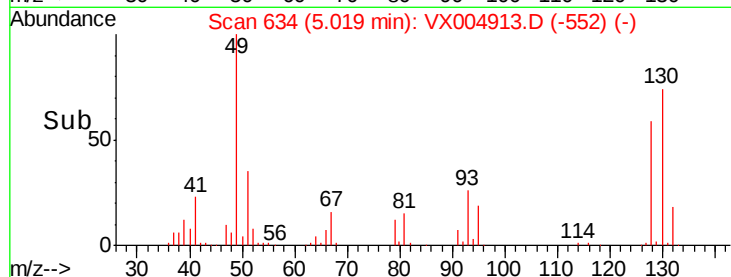
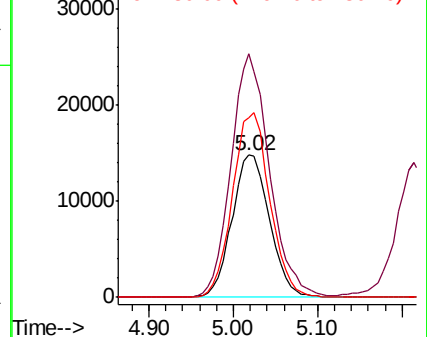
130 128.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 110.082 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.01 min

Lab File: VX004913.D

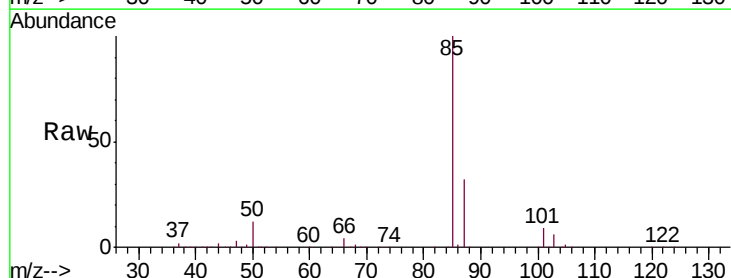
Acq: 02 Oct 2018 11:25

Tgt Ion: 85 Resp: 383863

Ion Ratio Lower Upper

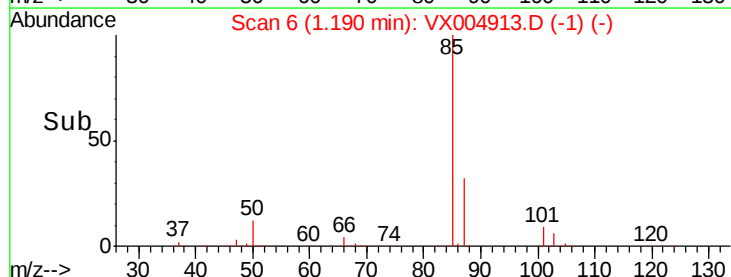
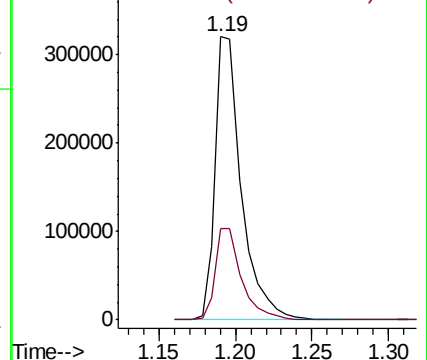
85 100

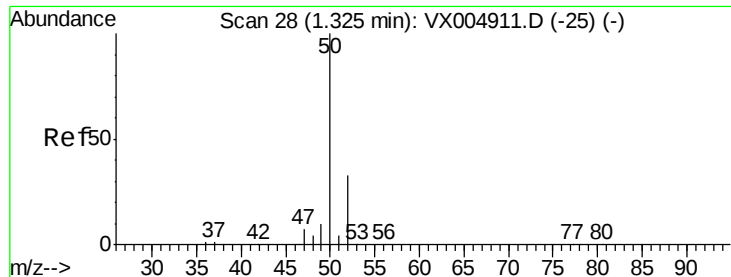
87 32.2 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 103.157 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

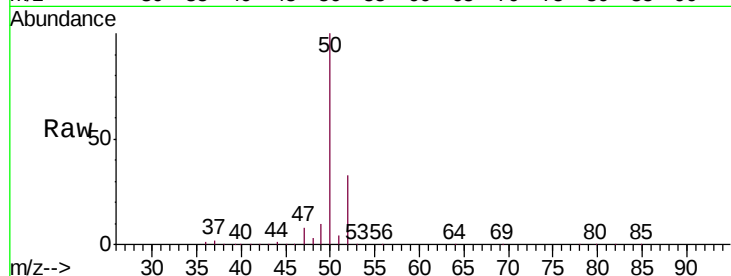
VSTDIC100

Tgt Ion: 50 Resp: 373218

Ion Ratio Lower Upper

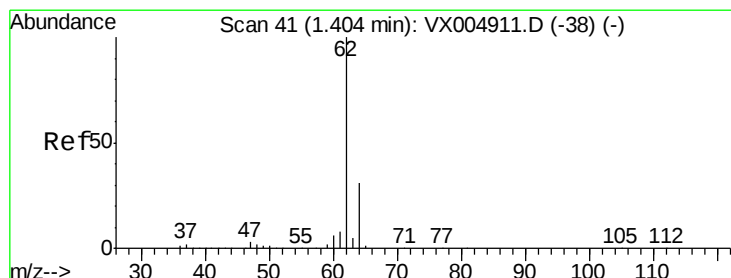
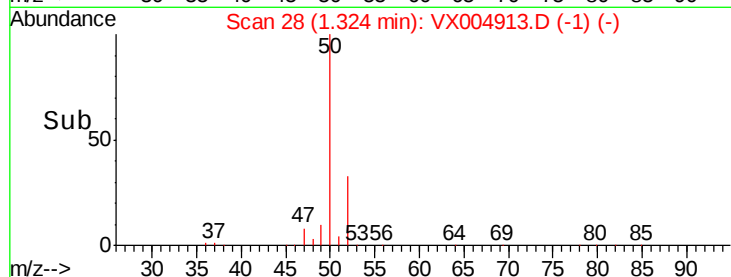
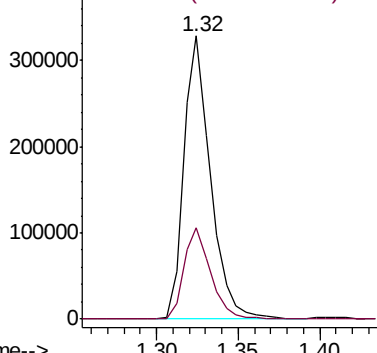
50 100

52 32.5 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 107.322 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004913.D

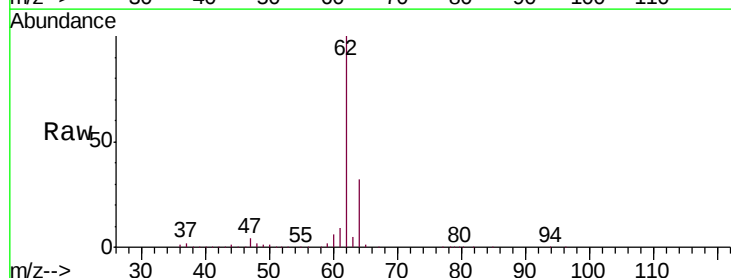
Acq: 02 Oct 2018 11:25

Tgt Ion: 62 Resp: 396943

Ion Ratio Lower Upper

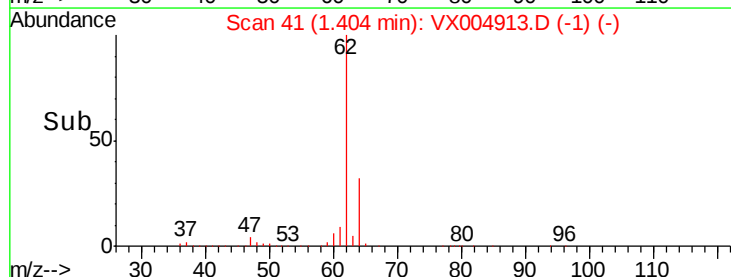
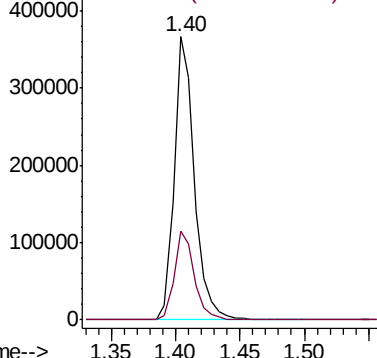
62 100

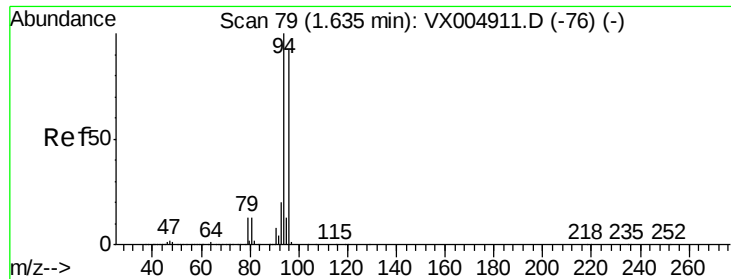
64 31.5 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

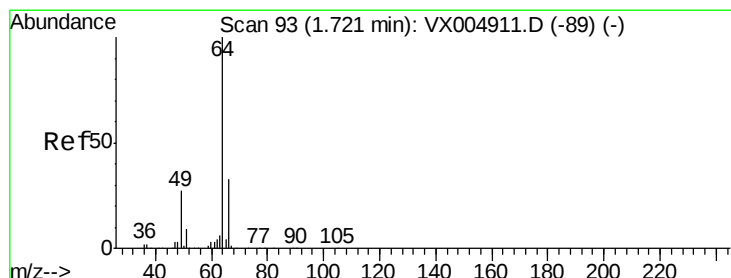
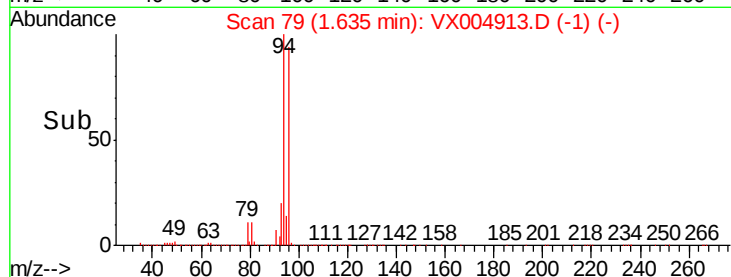
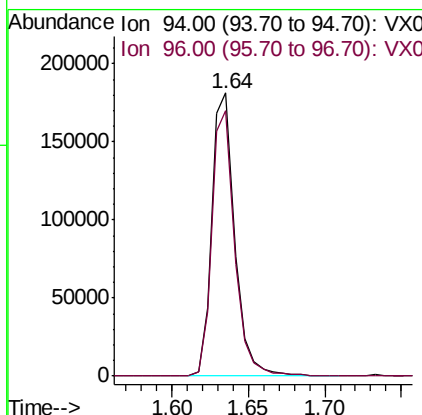
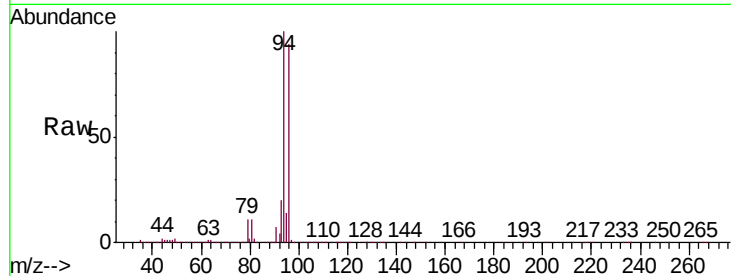




#5
 Bromomethane
 Concen: 106.542 ug/l
 RT: 1.64 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

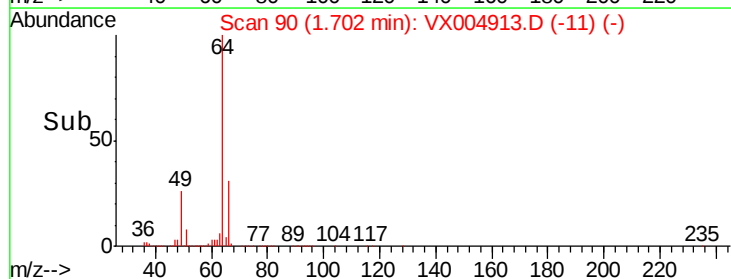
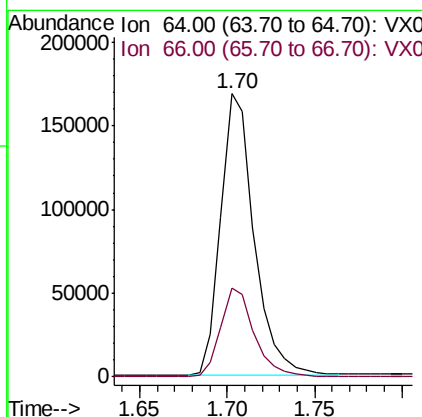
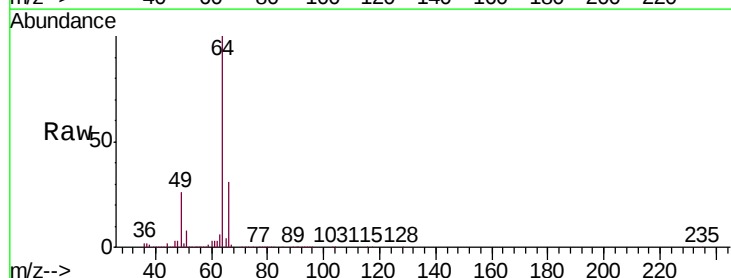
Instrument :
 MSVOA_X
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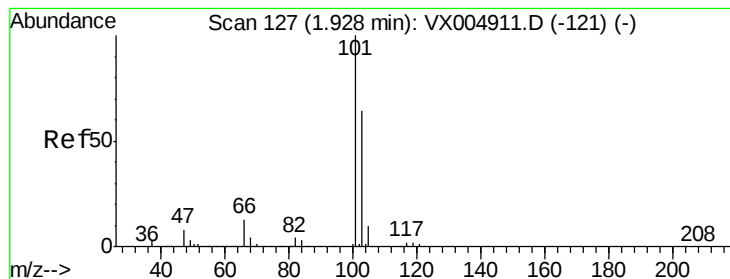
Tgt Ion: 94 Resp: 189094
 Ion Ratio Lower Upper
 94 100
 96 93.8 73.8 110.8



#6
 Chloroethane
 Concen: 104.863 ug/l
 RT: 1.70 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 64 Resp: 222671
 Ion Ratio Lower Upper
 64 100
 66 31.4 26.0 39.0



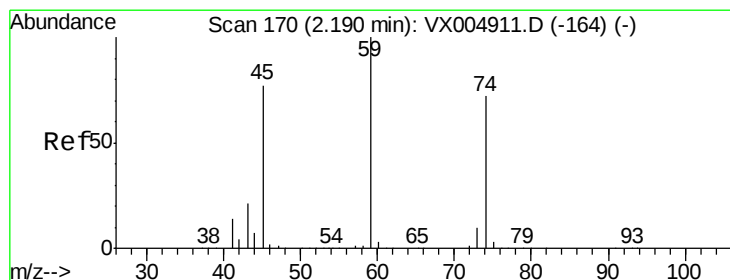
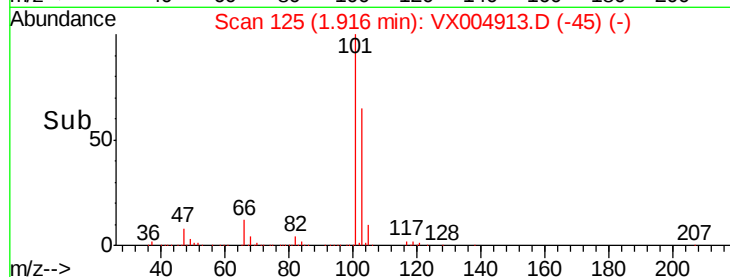
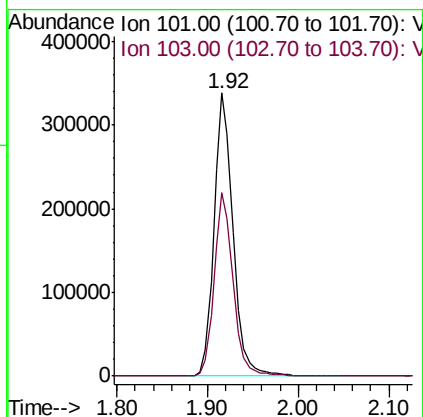
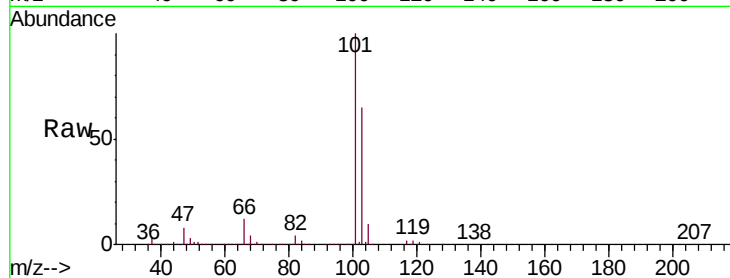


#7

Trichlorofluoromethane
Concen: 105.516 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

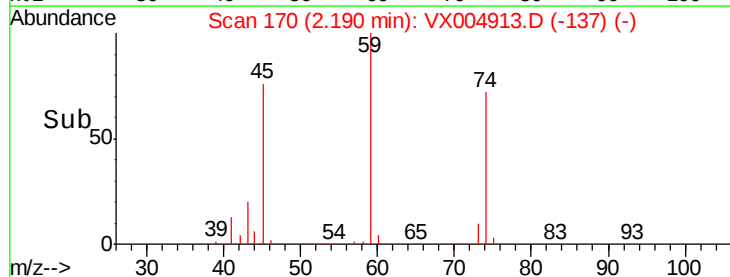
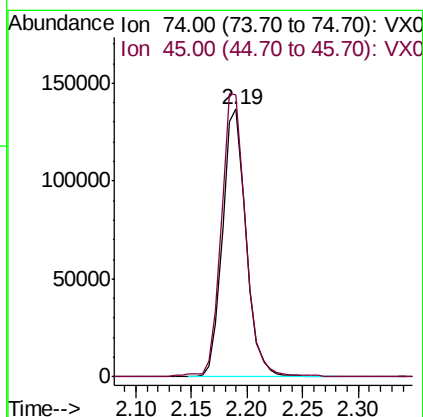
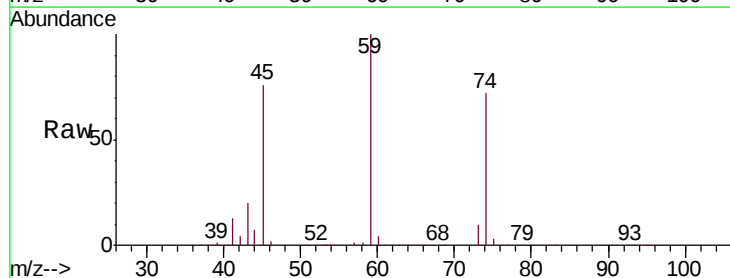
Tgt Ion:101 Resp: 497135
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

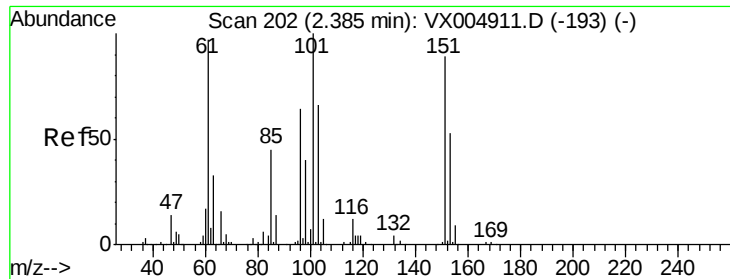


#8

Diethyl Ether
Concen: 104.381 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 74 Resp: 200479
Ion Ratio Lower Upper
74 100
45 108.4 21.6 194.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.463 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

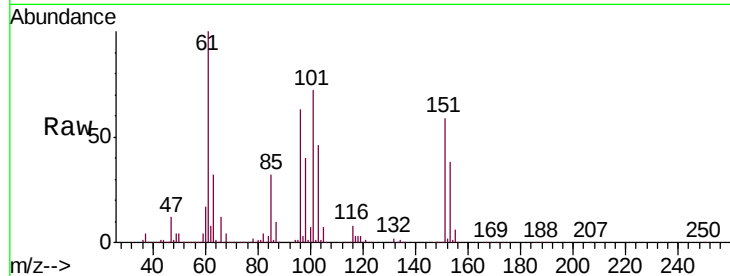
Tgt Ion:101 Resp: 277239

Ion Ratio Lower Upper

101 100

85 44.0 0.0 88.0

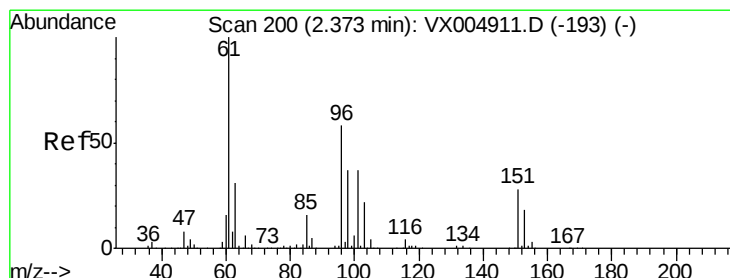
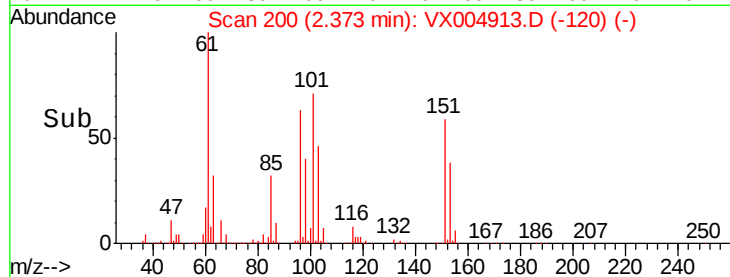
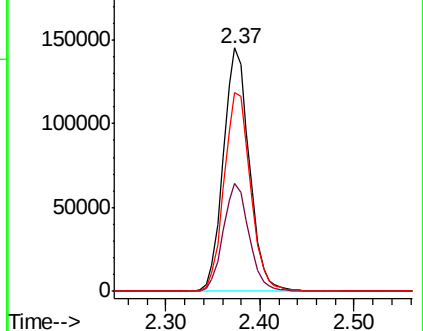
151 83.4 0.0 164.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 104.166 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

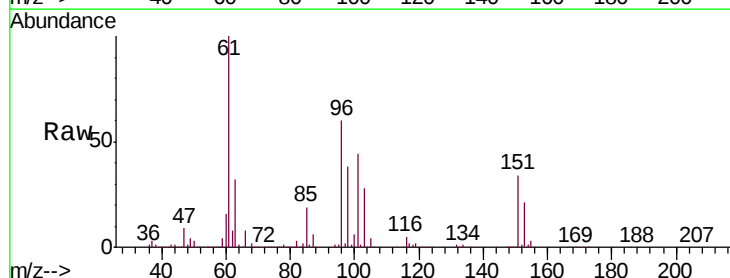
Tgt Ion: 96 Resp: 266960

Ion Ratio Lower Upper

96 100

61 166.0 137.9 206.9

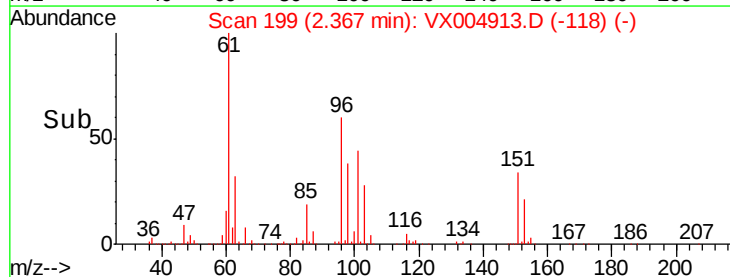
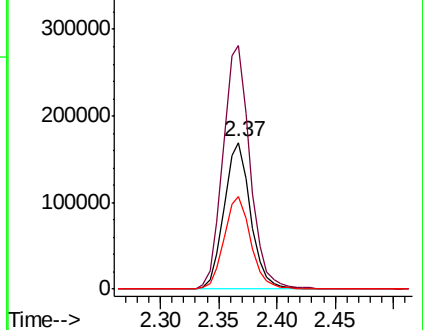
98 63.0 51.0 76.4

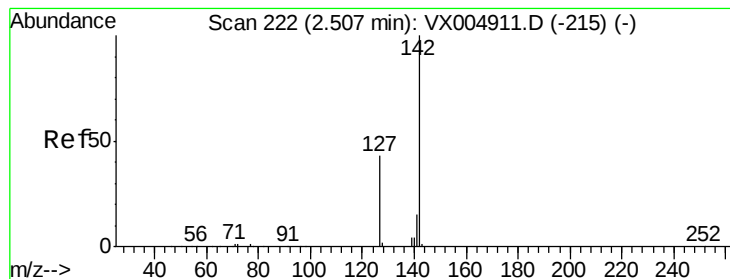


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 130.012 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

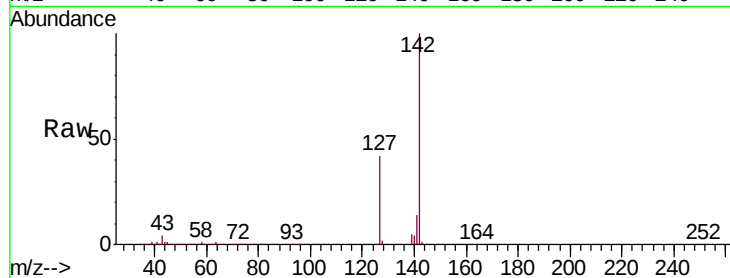
Tgt Ion:142 Resp: 271288

Ion Ratio Lower Upper

142 100

127 42.2 21.6 64.8

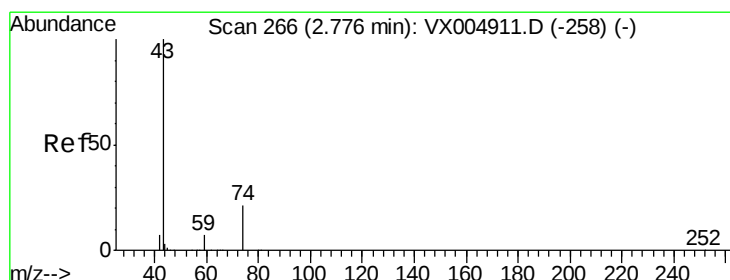
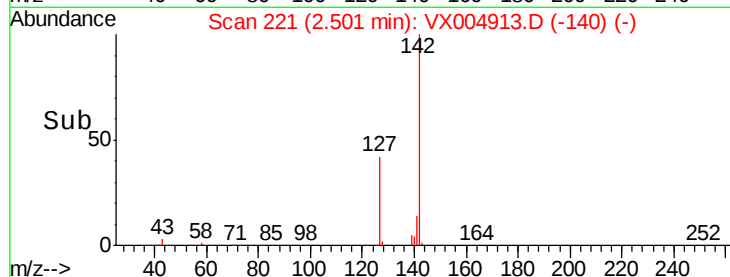
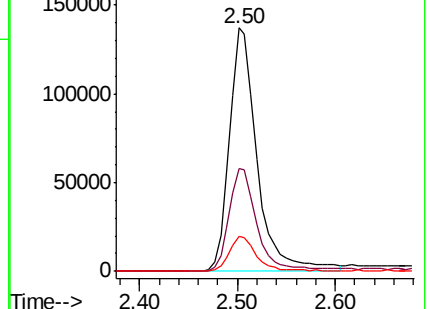
141 14.1 7.5 22.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 105.504 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX004913.D

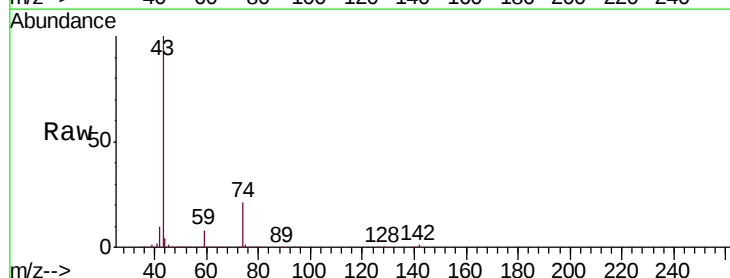
Acq: 02 Oct 2018 11:25

Tgt Ion: 43 Resp: 545232

Ion Ratio Lower Upper

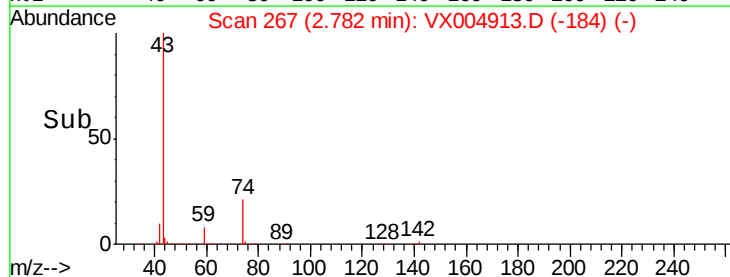
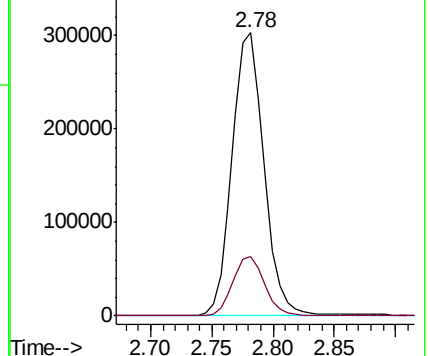
43 100

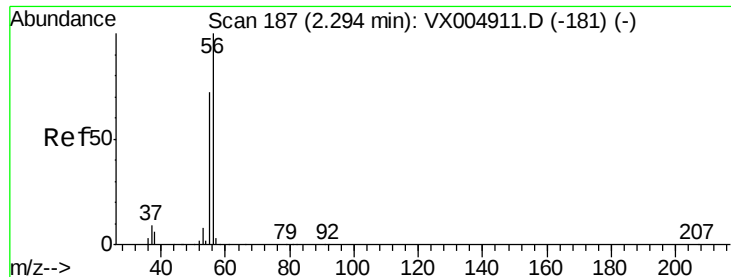
74 20.9 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 520.802 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

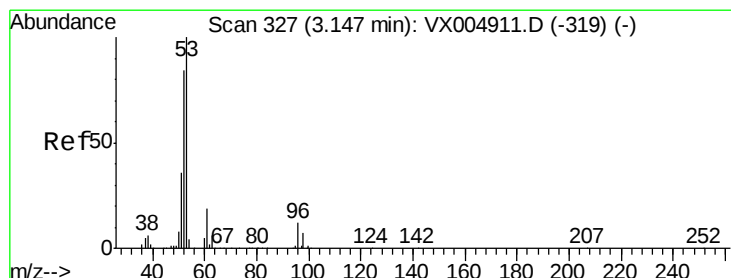
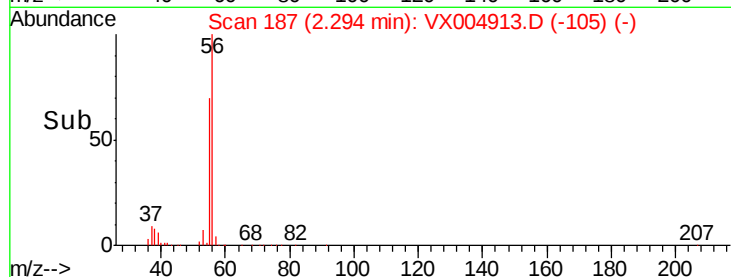
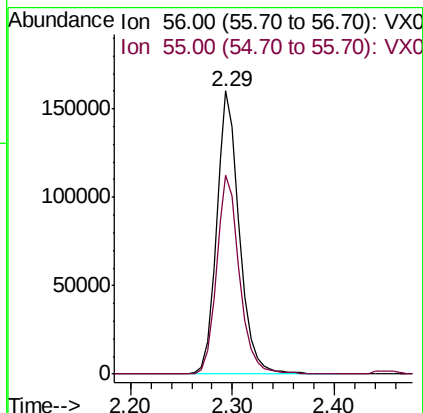
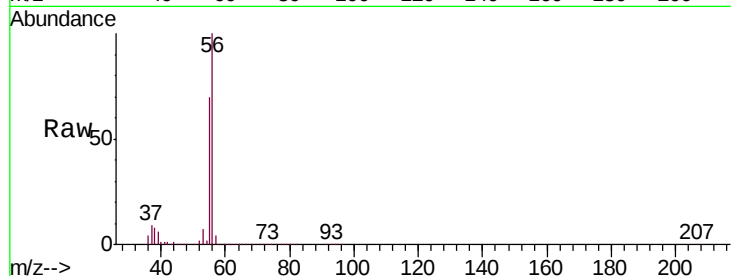
VSTDIC100

Tgt Ion: 56 Resp: 248670

Ion Ratio Lower Upper

56 100

55 70.5 57.9 86.9



#14

Acrylonitrile

Concen: 521.138 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

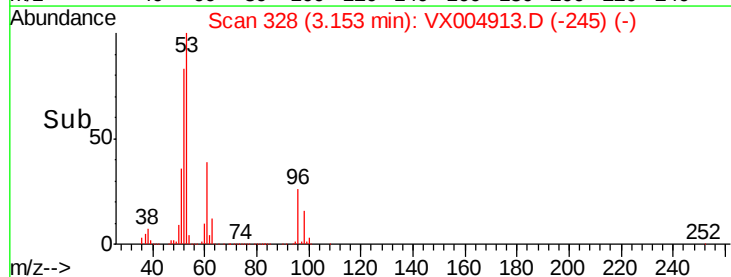
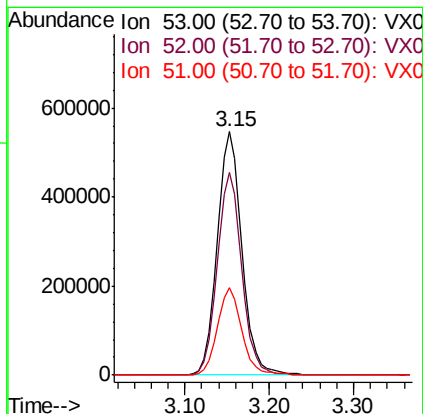
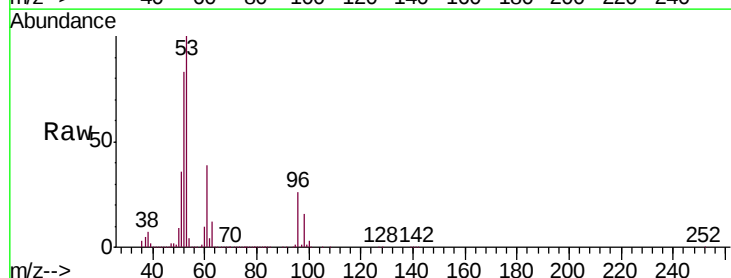
Tgt Ion: 53 Resp: 1100577

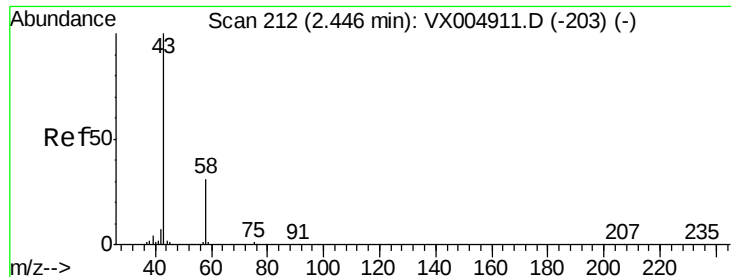
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 35.5 18.0 54.0





#15

Acetone

Concen: 474.426 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

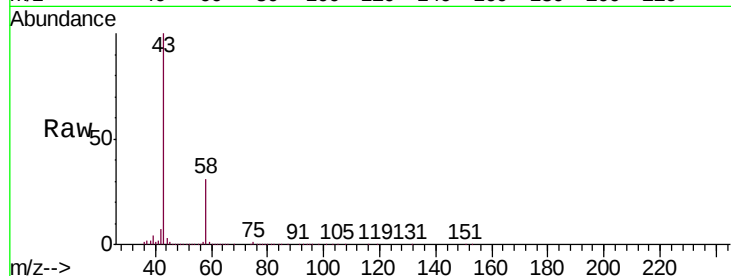
VSTDIC100

Tgt Ion: 58 Resp: 334919

Ion Ratio Lower Upper

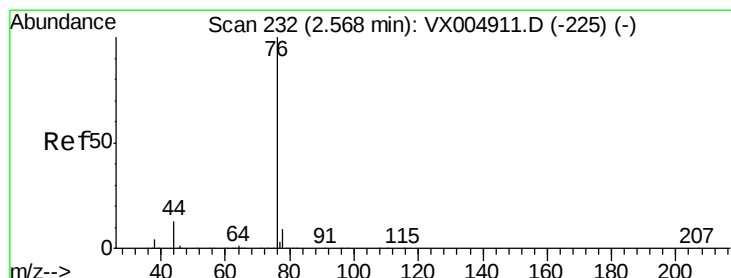
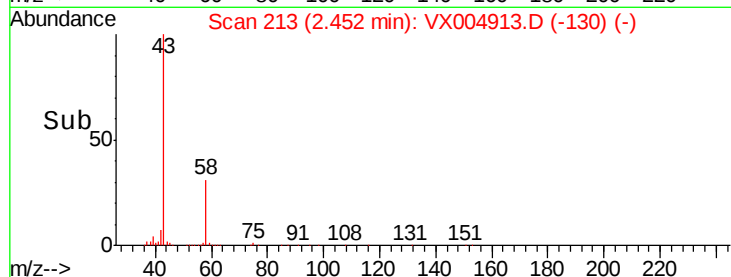
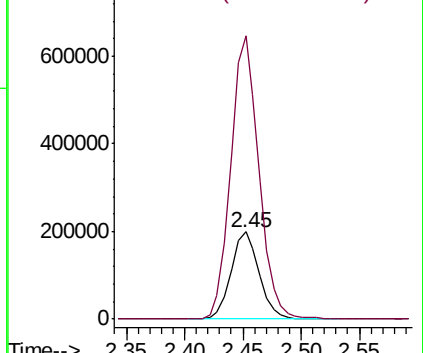
58 100

43 325.6 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 106.499 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004913.D

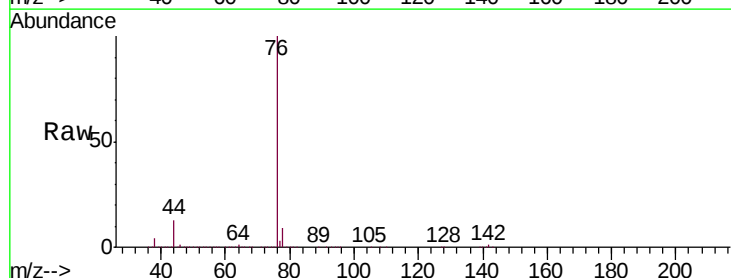
Acq: 02 Oct 2018 11:25

Tgt Ion: 76 Resp: 800521

Ion Ratio Lower Upper

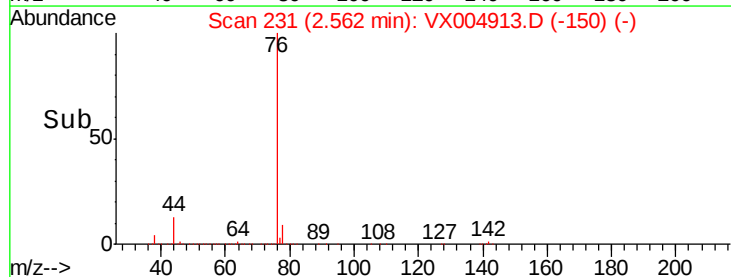
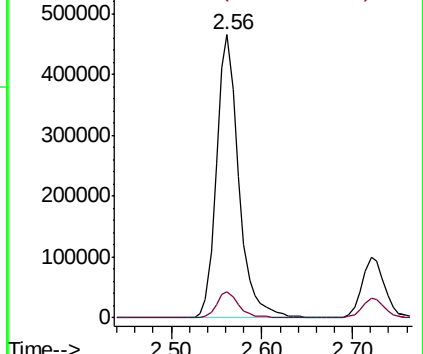
76 100

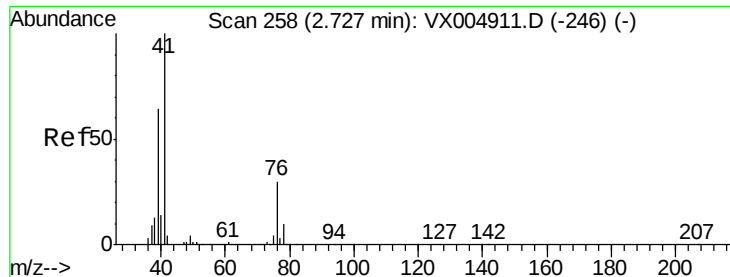
78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

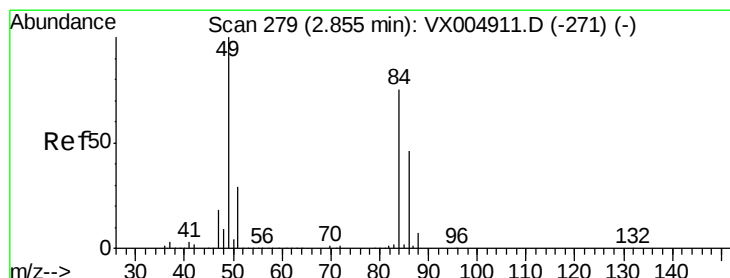
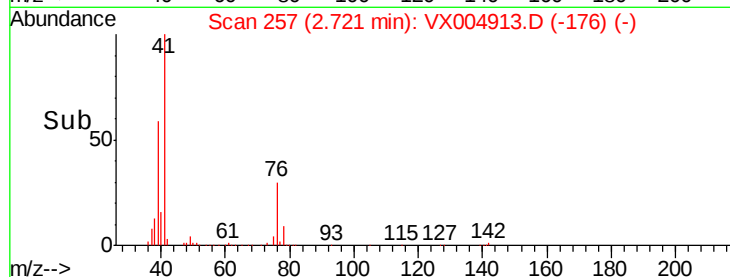
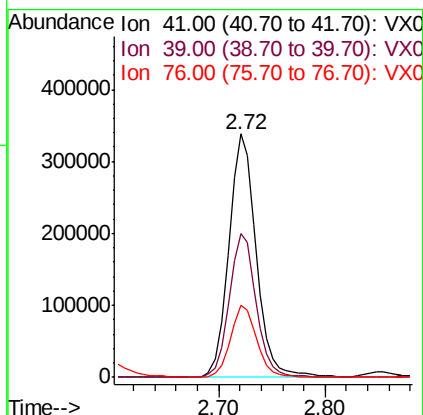
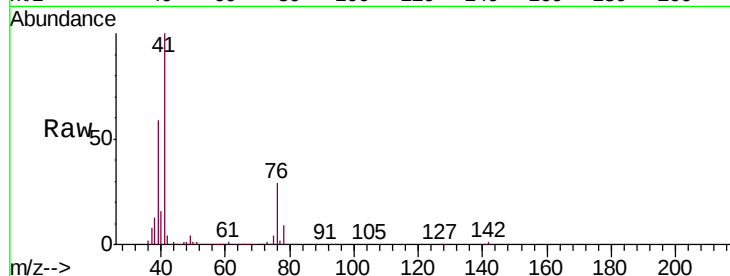




#17
 Allyl chloride
 Concen: 106.819 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.01 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

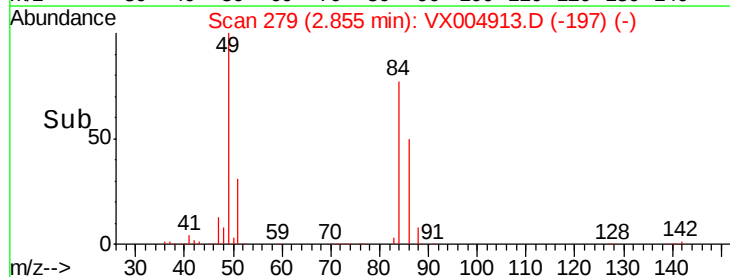
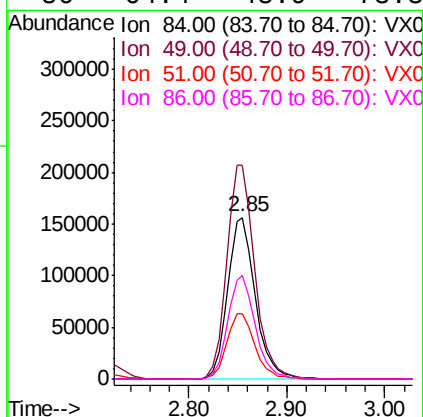
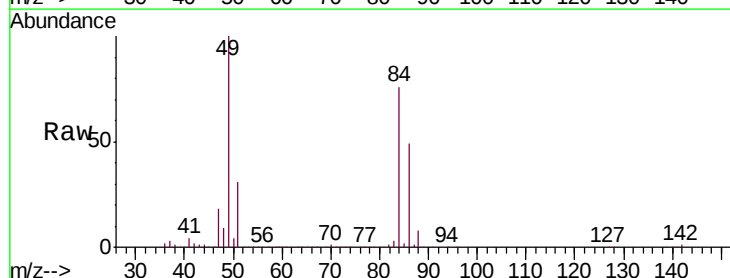
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

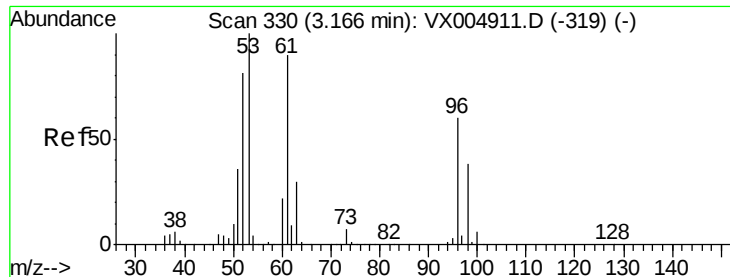
Tgt Ion: 41 Resp: 608758
 Ion Ratio Lower Upper
 41 100
 39 58.9 31.8 95.4
 76 29.4 15.3 45.8



#18
 Methylene Chloride
 Concen: 102.319 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 84 Resp: 304953
 Ion Ratio Lower Upper
 84 100
 49 132.1 106.2 159.4
 51 40.4 31.3 46.9
 86 64.4 48.9 73.3

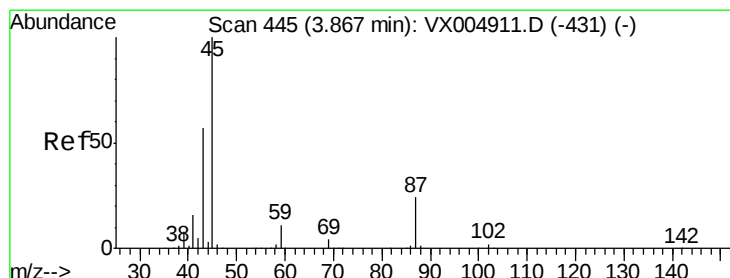
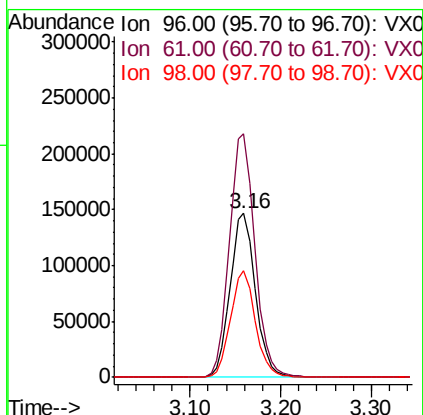
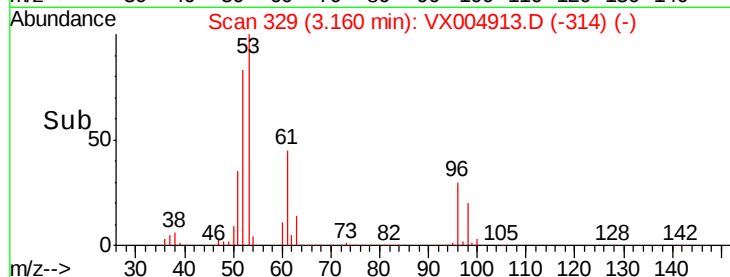
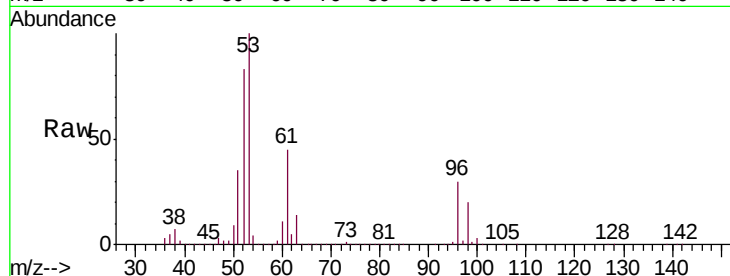




#19
trans-1,2-Dichloroethene
Concen: 103.928 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

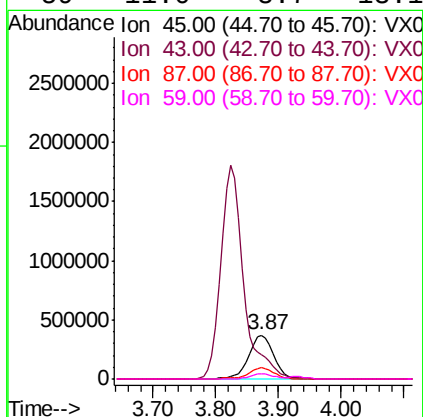
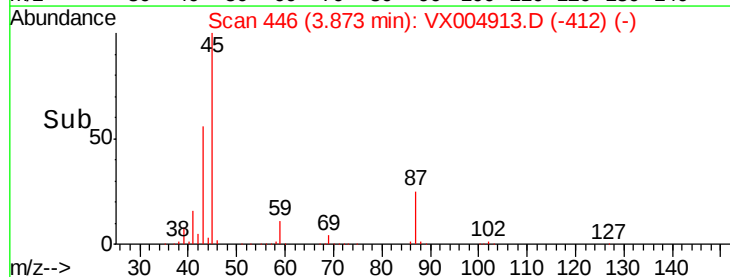
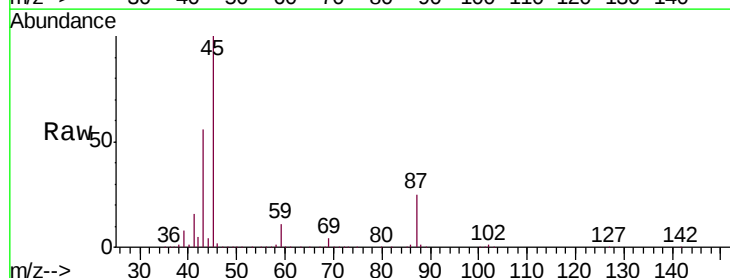
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

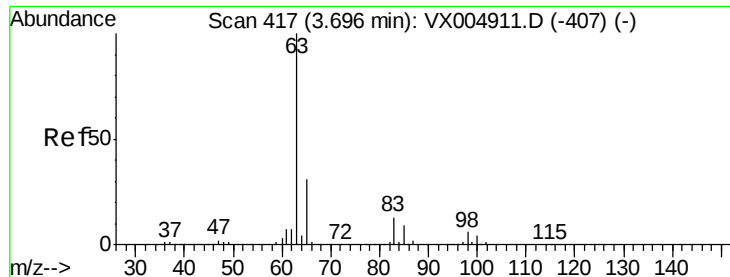
Tgt Ion: 96 Resp: 284560
Ion Ratio Lower Upper
96 100
61 148.3 119.5 179.3
98 64.9 50.6 75.8



#20
Diisopropyl ether
Concen: 104.743 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 45 Resp: 1017760
Ion Ratio Lower Upper
45 100
43 56.0 49.8 74.8
87 25.2 19.1 28.7
59 11.0 8.7 13.1





#21

1,1-Dichloroethane

Concen: 101.697 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

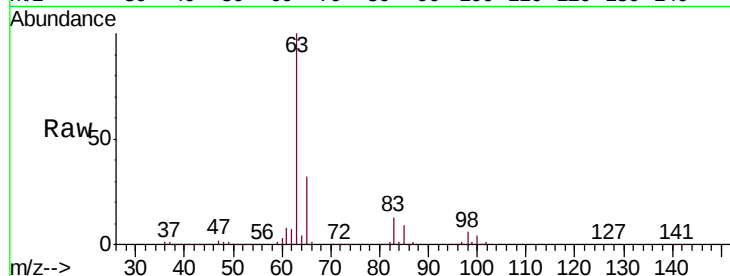
Tgt Ion: 63 Resp: 544457

Ion Ratio Lower Upper

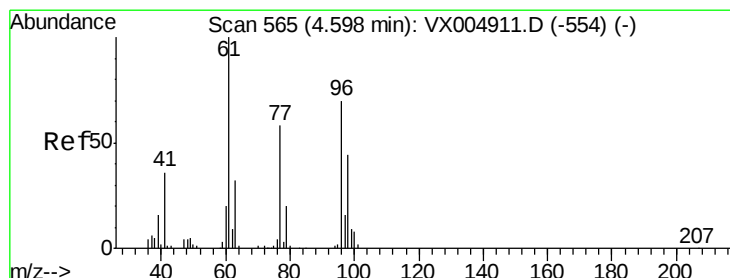
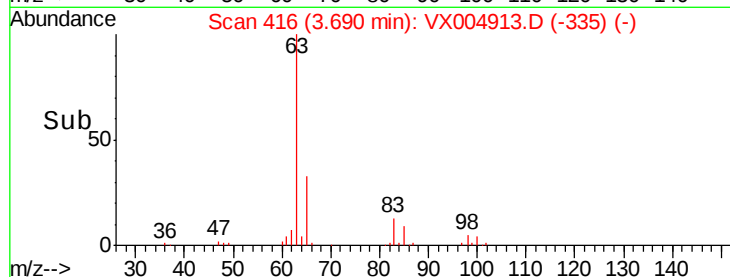
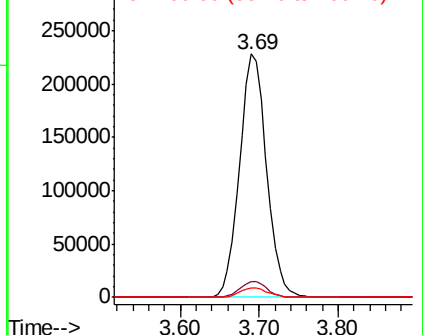
63 100

98 6.2 3.2 9.6

100 4.0 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 104.852 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

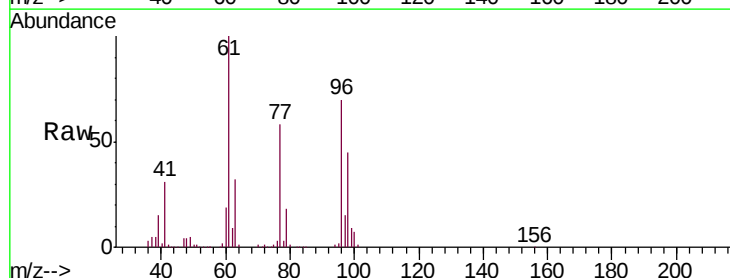
Tgt Ion: 96 Resp: 317626

Ion Ratio Lower Upper

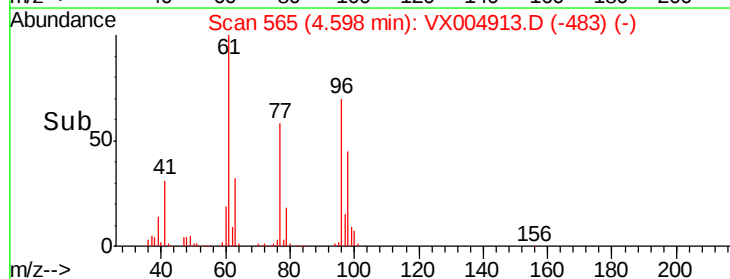
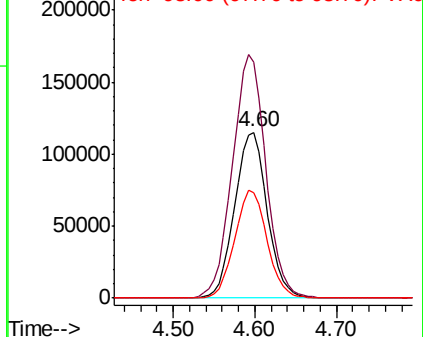
96 100

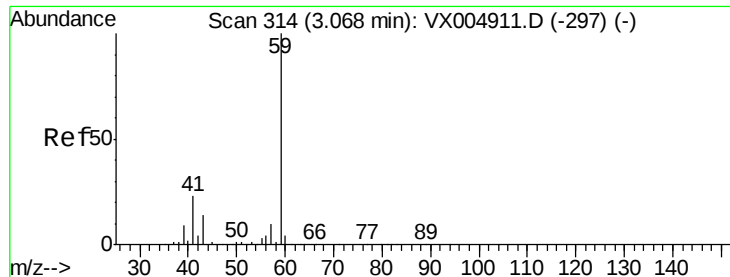
61 151.0 123.3 184.9

98 64.8 51.4 77.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



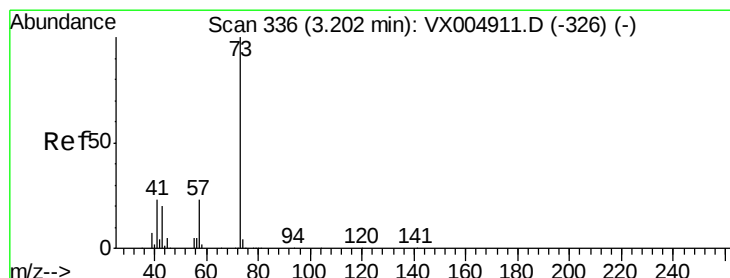
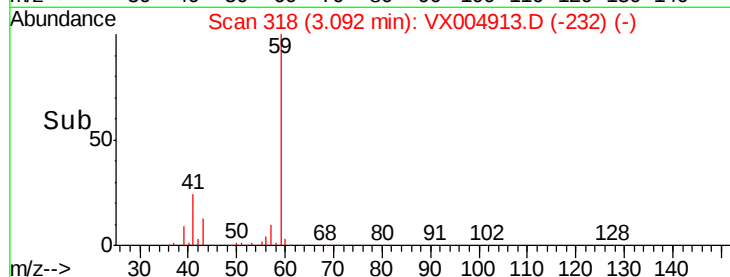
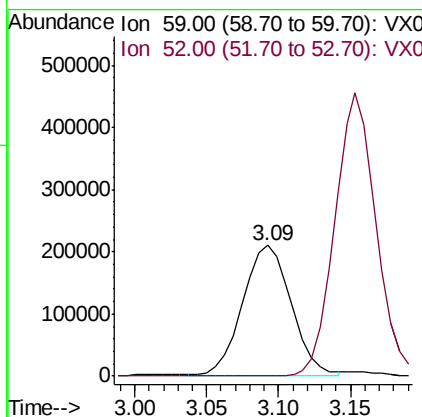
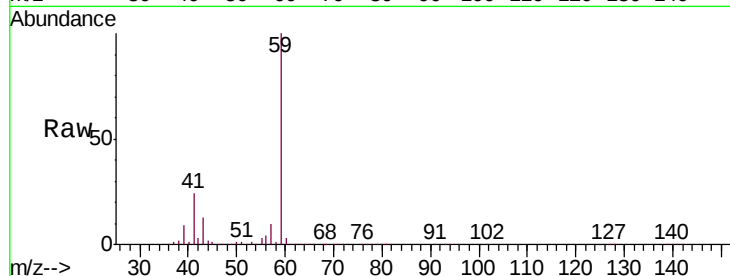


#23

tert-Butyl Alcohol
Concen: 503.503 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

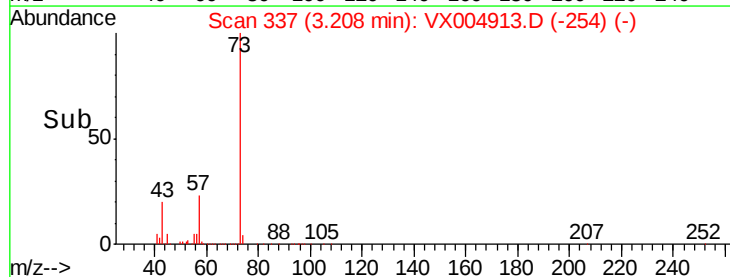
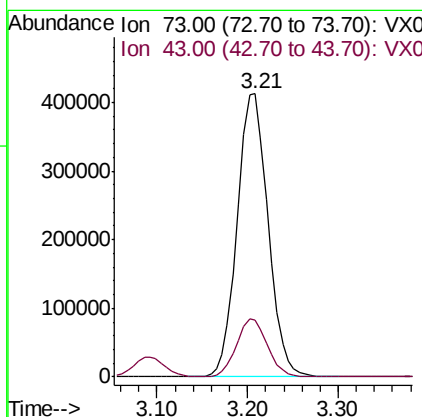
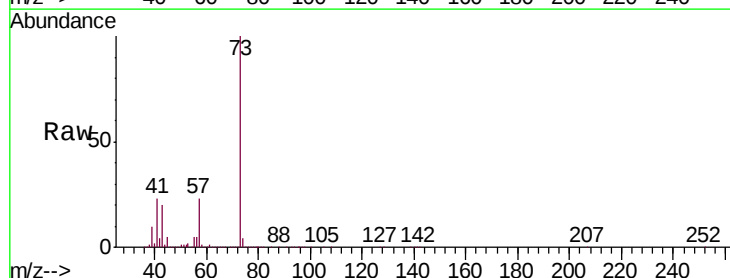
Tgt Ion: 59 Resp: 490923
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#

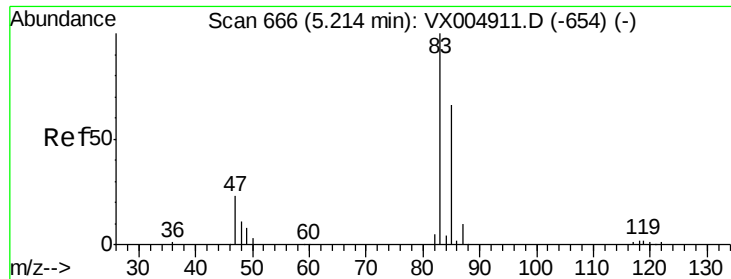


#24

Methyl tert-Butyl Ether
Concen: 103.726 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 73 Resp: 976902
Ion Ratio Lower Upper
73 100
43 20.4 16.3 24.5

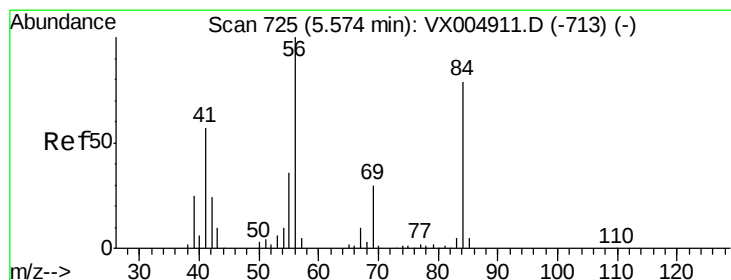
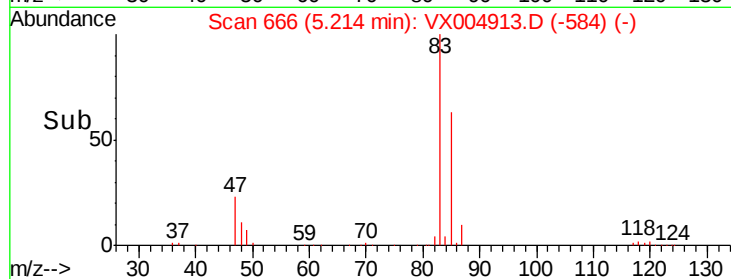
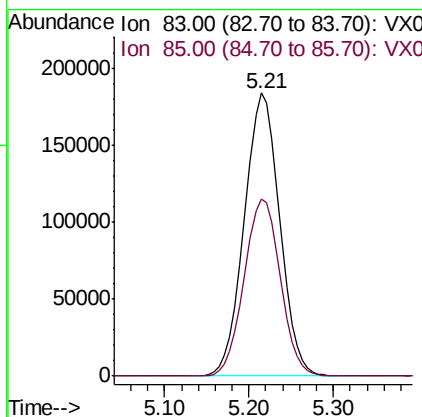
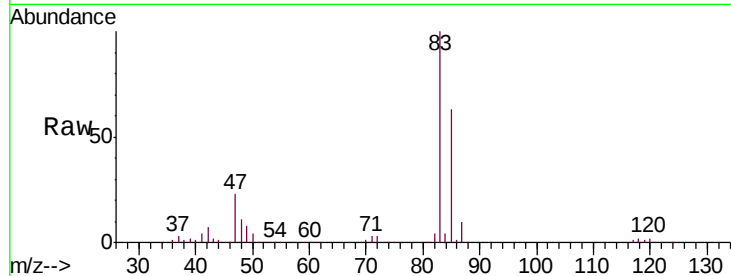




#25
Chloroform
Concen: 104.642 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

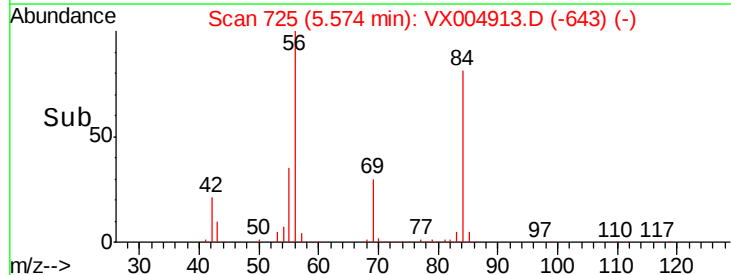
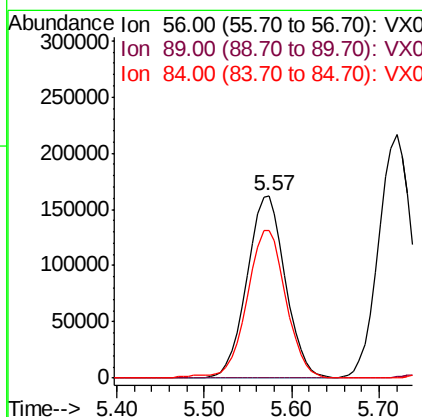
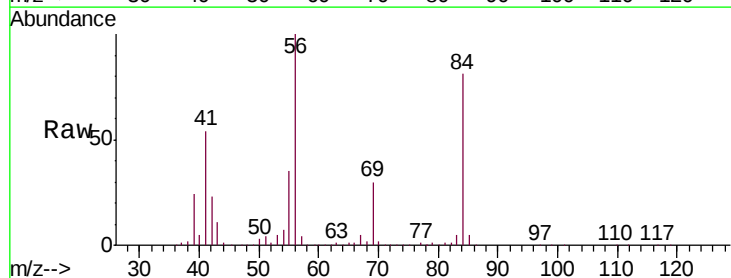
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

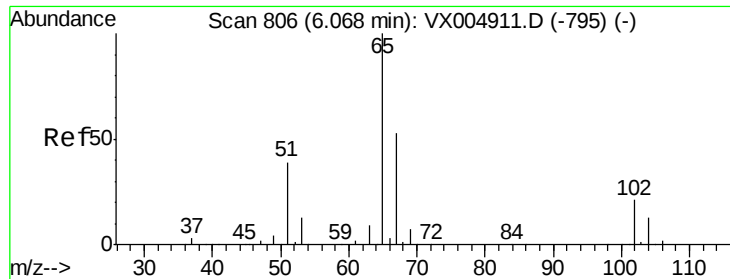
Tgt Ion: 83 Resp: 527256
Ion Ratio Lower Upper
83 100
85 62.5 53.1 79.7



#26
Cyclohexane
Concen: 107.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 56 Resp: 492537
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.9 65.8 98.6

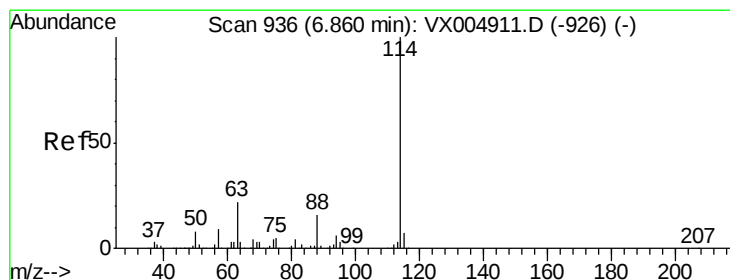
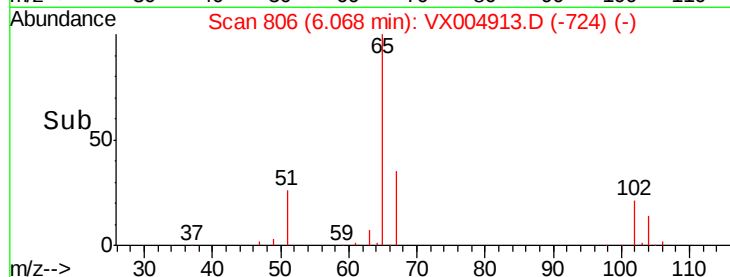
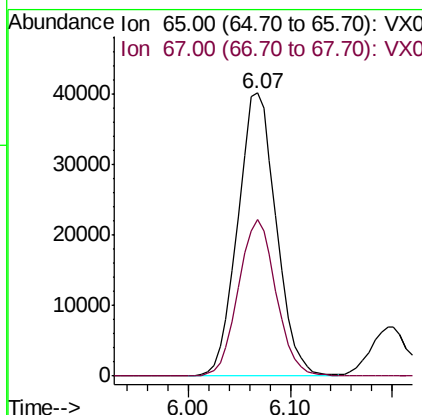
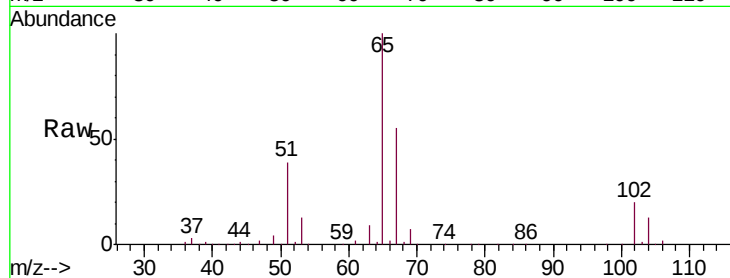




#27
 1,2-Dichloroethane-d4
 Concen: 30.964 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

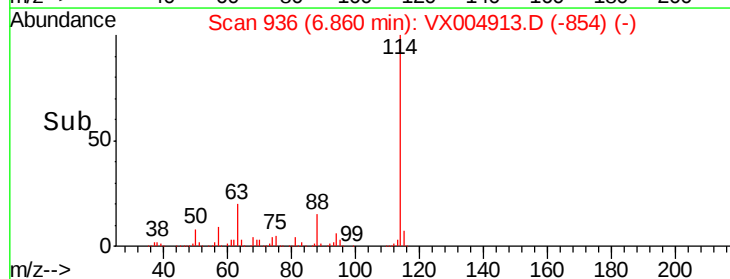
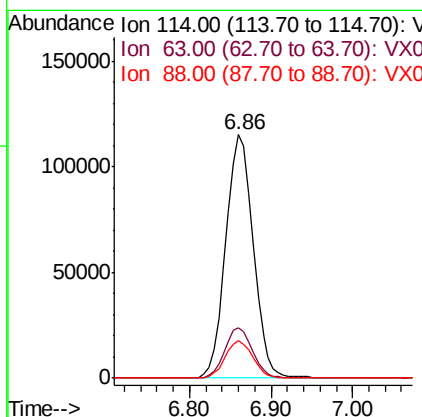
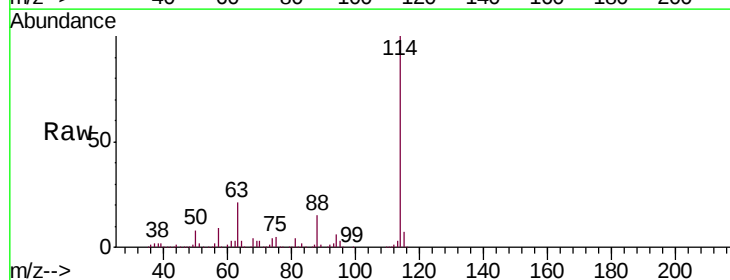
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

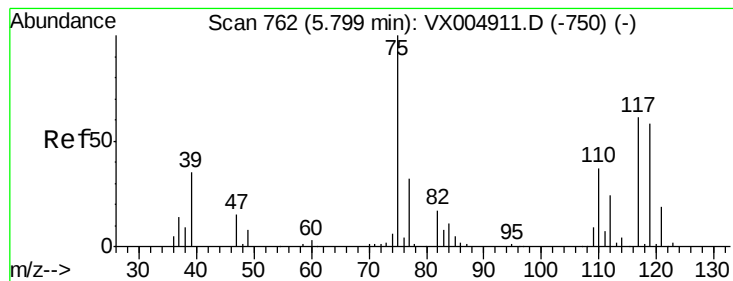
Tgt Ion: 65 Resp: 105383
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.0 64.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 114 Resp: 268666
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.6 24.8
 88 15.5 12.4 18.6





#29

1,1-Dichloropropene

Concen: 100.264 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

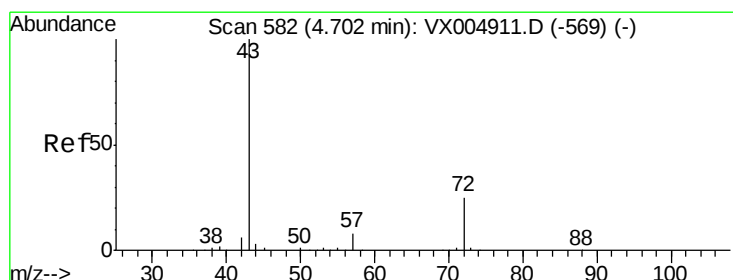
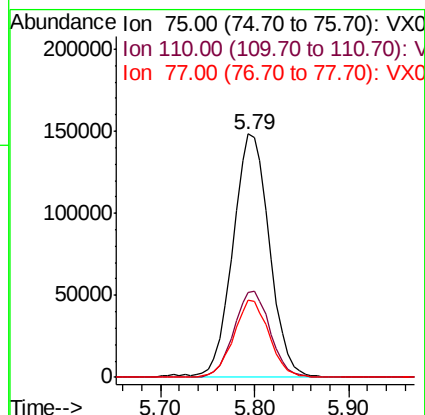
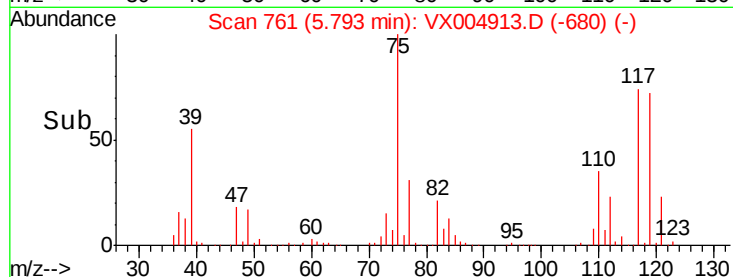
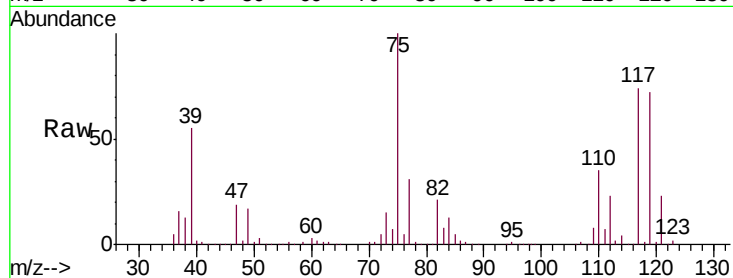
Tgt Ion: 75 Resp: 398614

Ion Ratio Lower Upper

75 100

110 35.4 0.0 70.8

77 30.9 0.0 63.0



#30

2-Butanone

Concen: 478.707 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

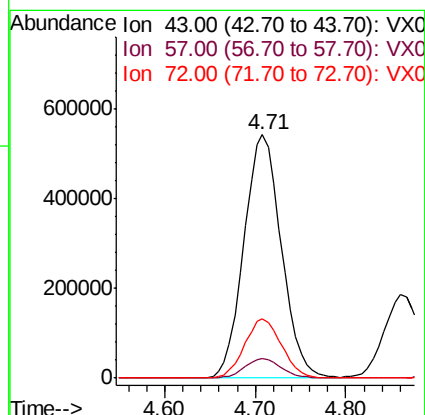
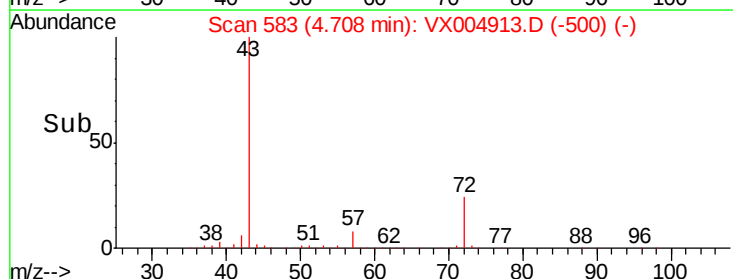
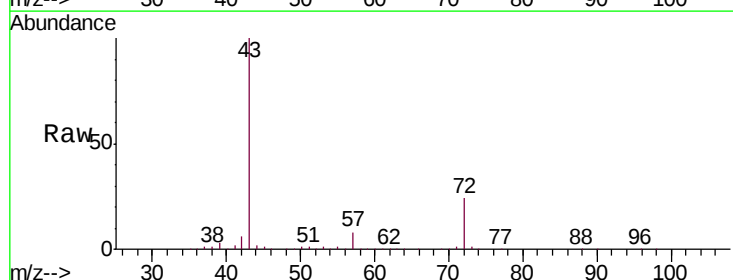
Tgt Ion: 43 Resp: 1547331

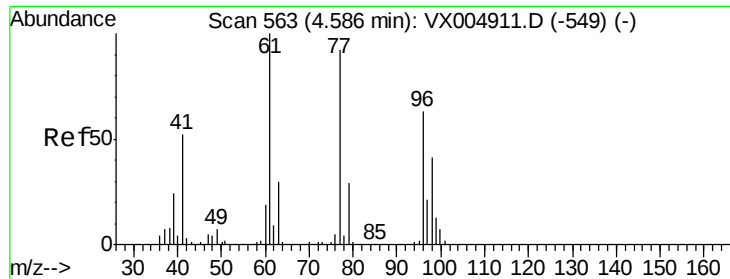
Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.4

72 24.3 19.7 29.5





#31

2,2-Dichloropropane

Concen: 99.829 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

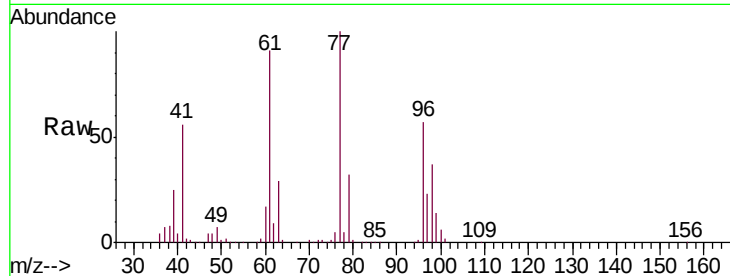
VSTDICC100

Tgt Ion: 77 Resp: 435450

Ion Ratio Lower Upper

77 100

97 23.4 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

4.58

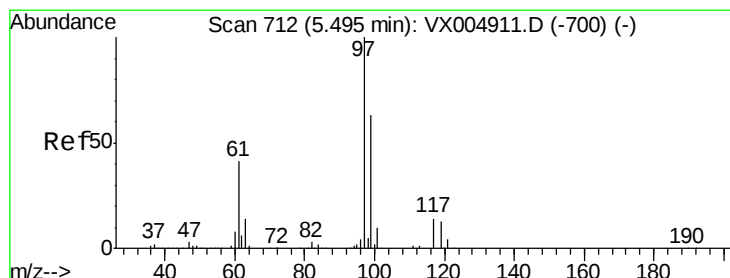
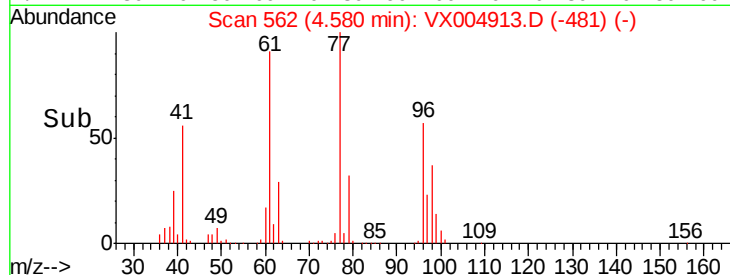
150000

100000

50000

0

Time-->



#32

1,1,1-Trichloroethane

Concen: 99.592 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

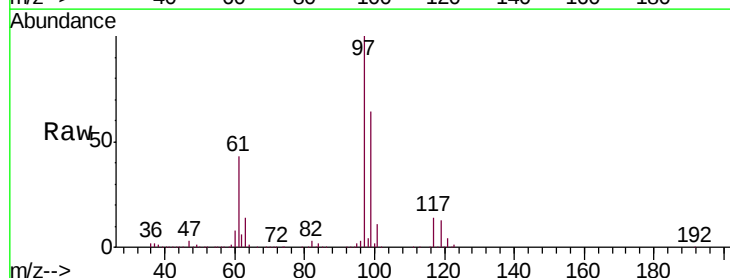
Tgt Ion: 97 Resp: 455144

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 43.0 35.8 53.6



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

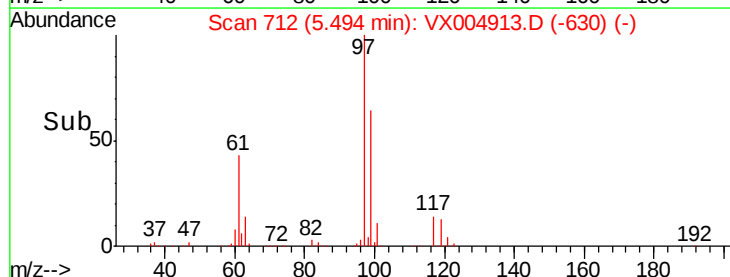
150000

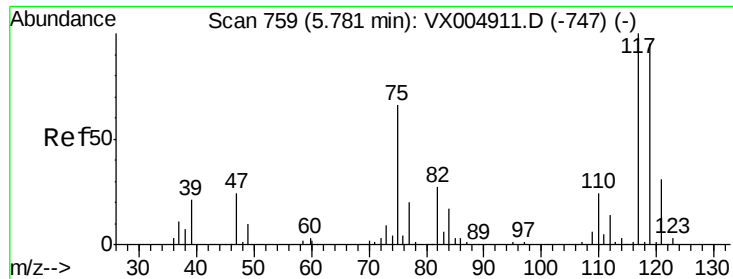
100000

50000

0

Time-->

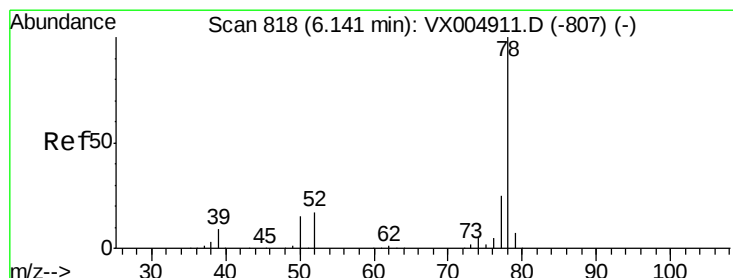
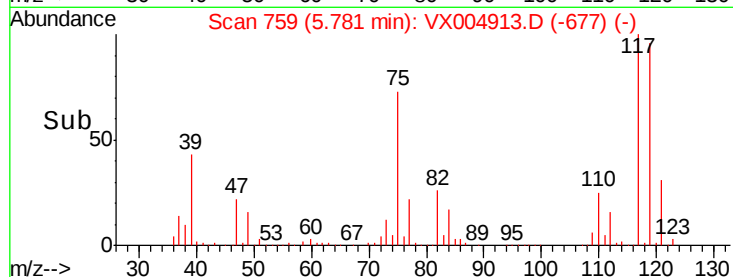
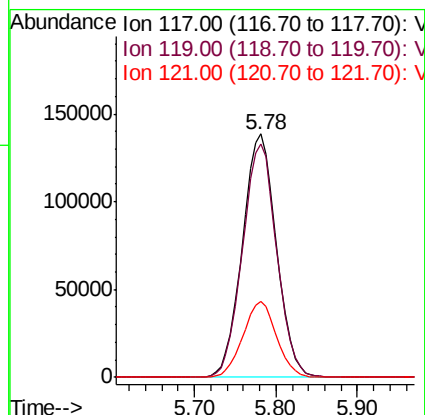
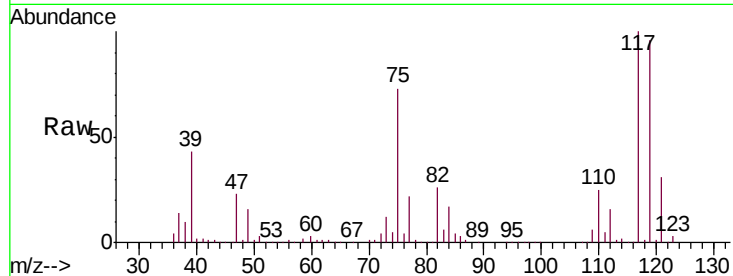




#33
Carbon Tetrachloride
Concen: 99.977 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

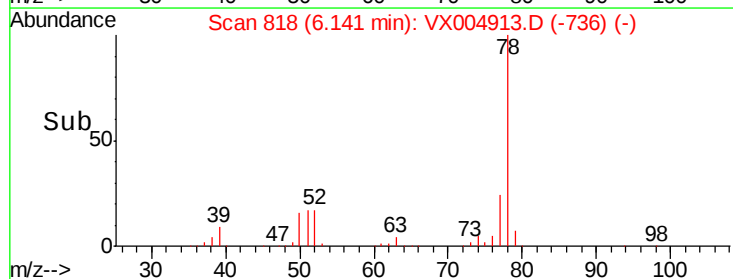
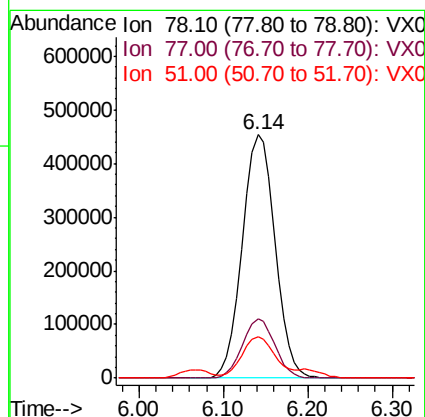
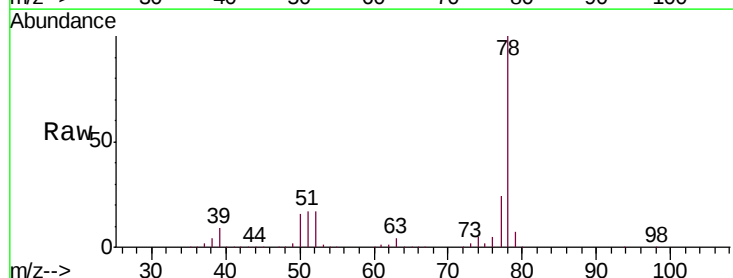
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

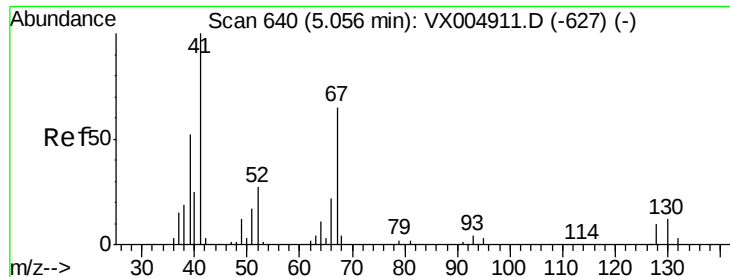
Tgt Ion:117 Resp: 401276
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4
121 31.4 25.2 37.8



#34
Benzene
Concen: 99.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 78 Resp: 1194538
Ion Ratio Lower Upper
78 100
77 24.3 19.8 29.8
51 16.8 13.8 20.6





#35

Methacrylonitrile

Concen: 98.964 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tgt Ion: 41 Resp: 297273

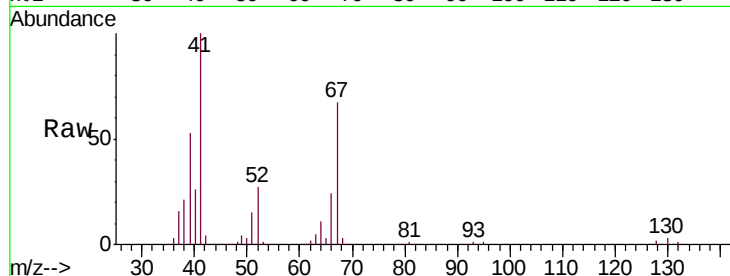
Ion Ratio Lower Upper

41 100

39 52.7 26.1 78.3

67 67.4 32.3 96.9

52 27.3 13.5 40.5

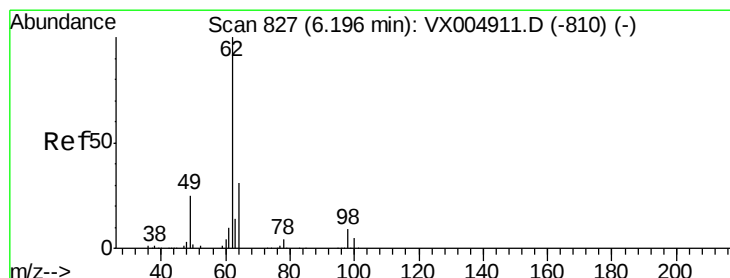
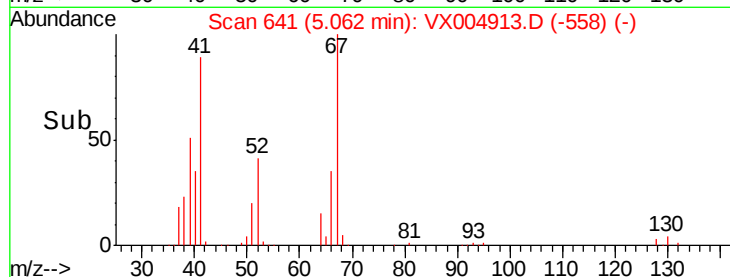
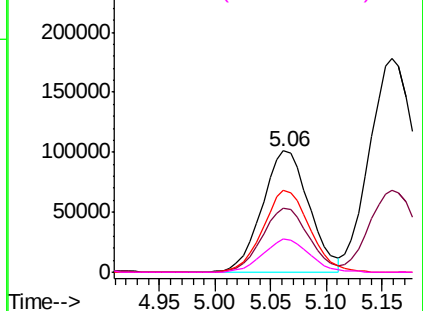


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#36

1,2-Dichloroethane

Concen: 97.101 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004913.D

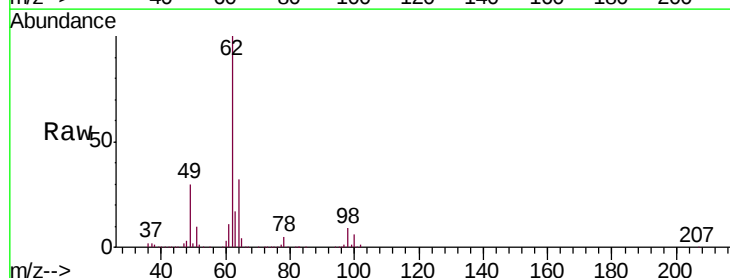
Acq: 02 Oct 2018 11:25

Tgt Ion: 62 Resp: 422023

Ion Ratio Lower Upper

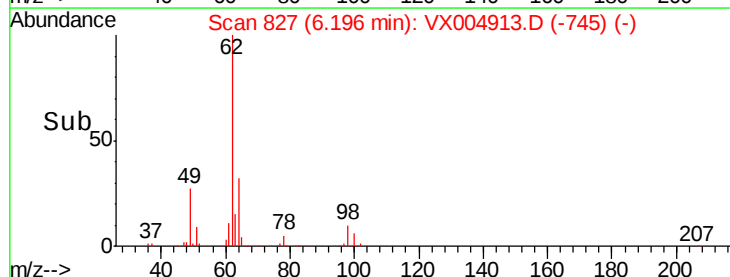
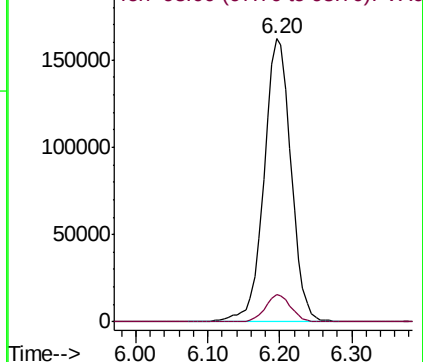
62 100

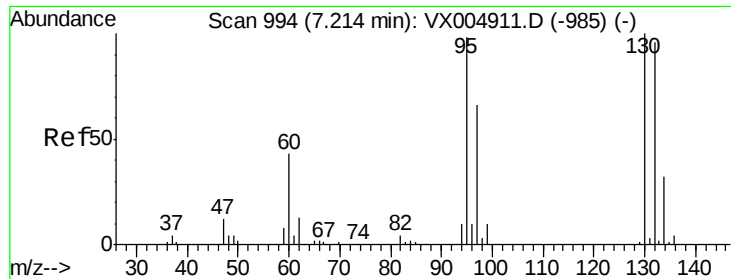
98 9.1 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

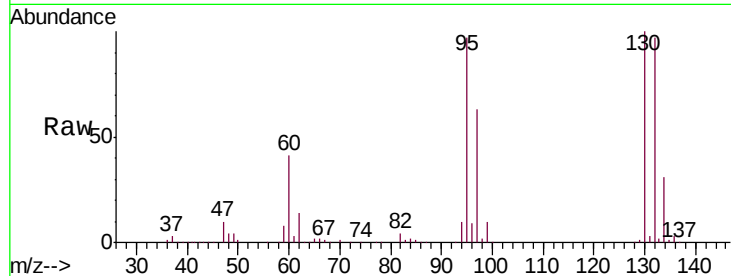




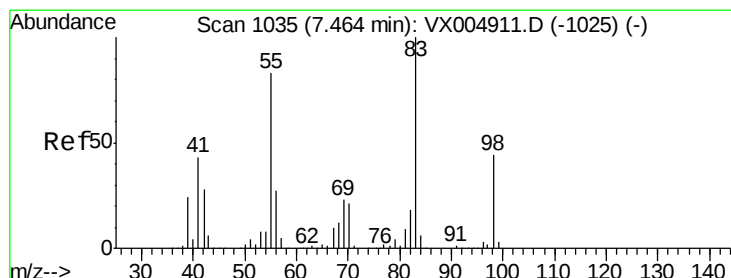
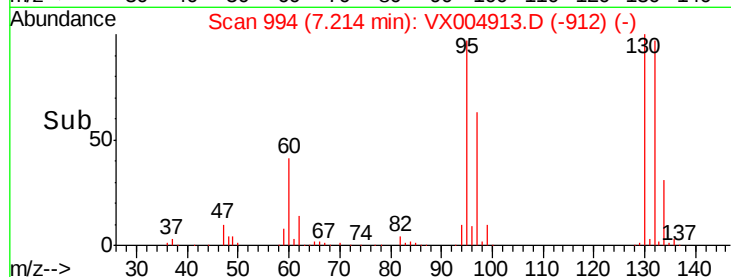
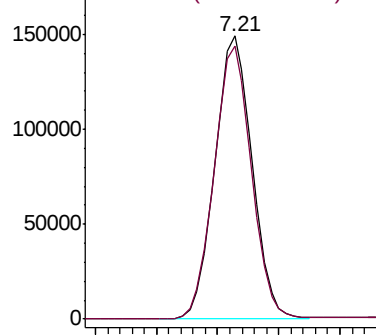
#37
 Trichloroethene
 Concen: 99.601 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 130 Resp: 316519
 Ion Ratio Lower Upper
 130 100
 95 96.5 78.5 117.7

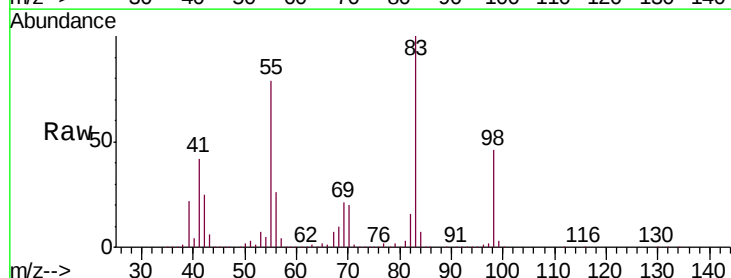


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

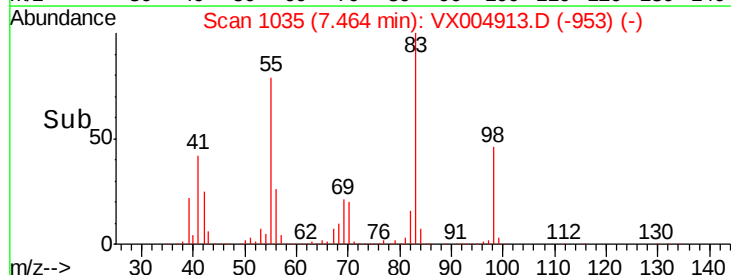
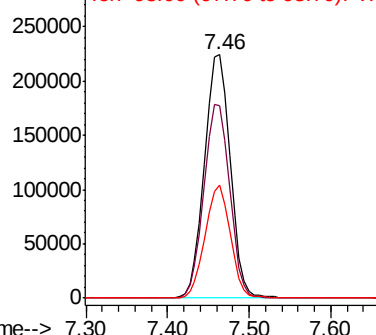


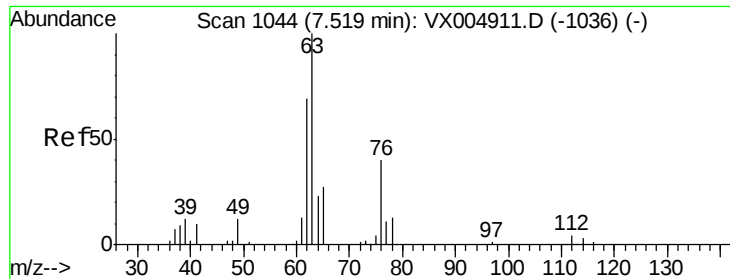
#38
 Methylcyclohexane
 Concen: 103.676 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 83 Resp: 489358
 Ion Ratio Lower Upper
 83 100
 55 79.9 41.8 125.3
 98 45.5 22.4 67.3



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

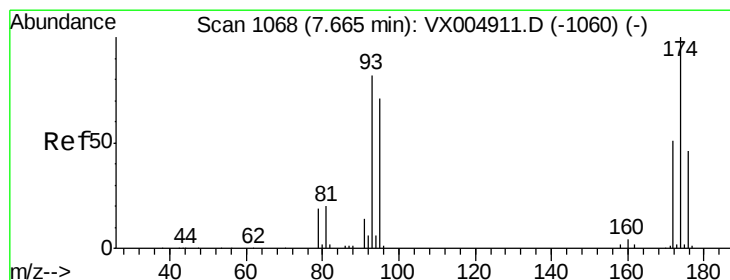
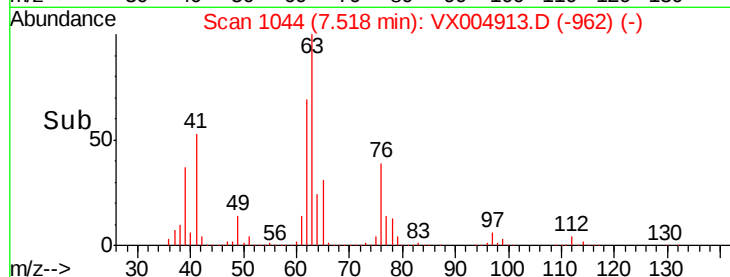
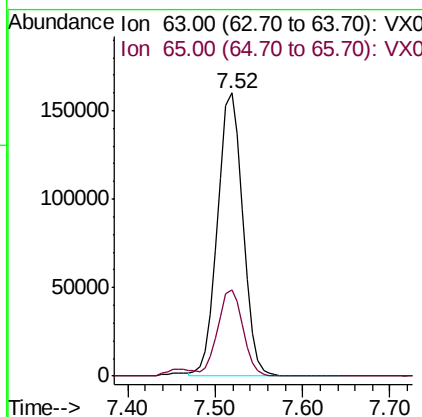
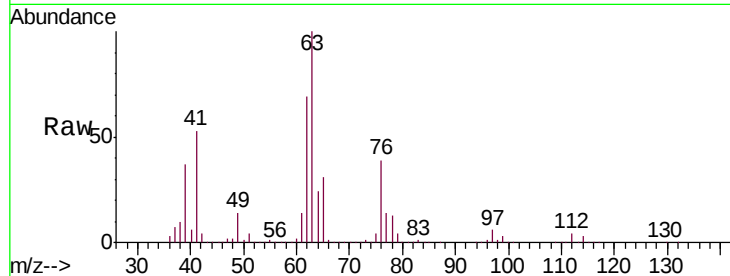




#39
 1,2-Dichloropropane
 Concen: 100.010 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

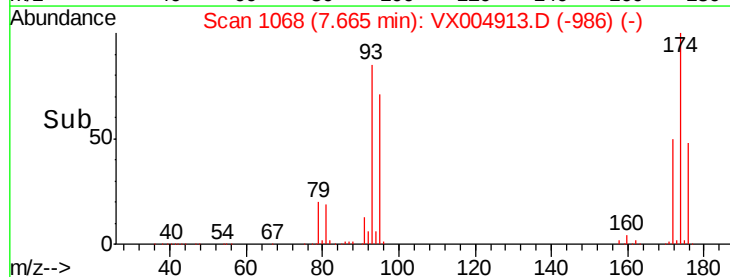
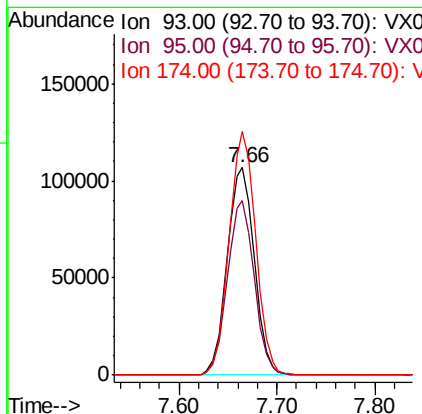
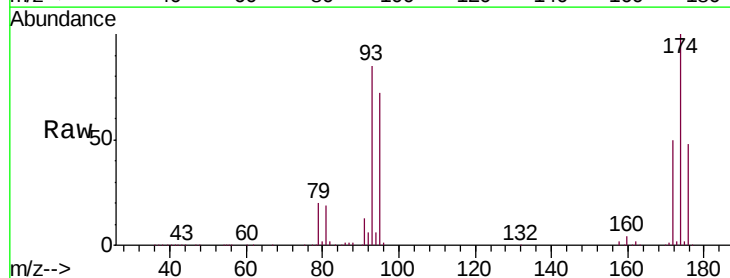
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

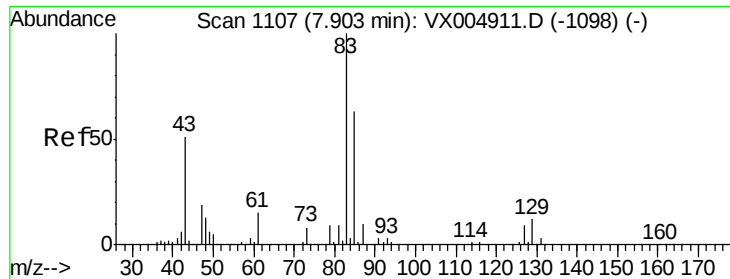
Tgt Ion: 63 Resp: 321481
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.2 34.8



#40
 Dibromomethane
 Concen: 98.827 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 93 Resp: 205900
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 172.4
 174 115.0 0.0 234.0





#41

Bromodichloromethane

Concen: 100.898 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

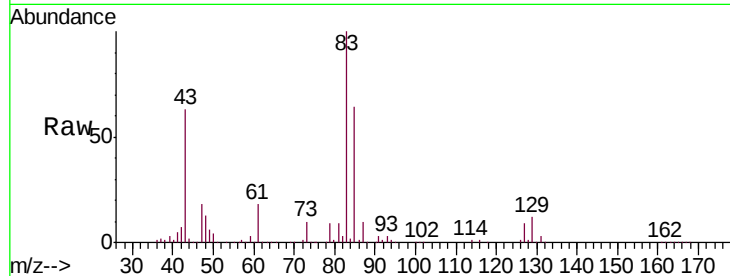
Tgt Ion: 83 Resp: 405257

Ion Ratio Lower Upper

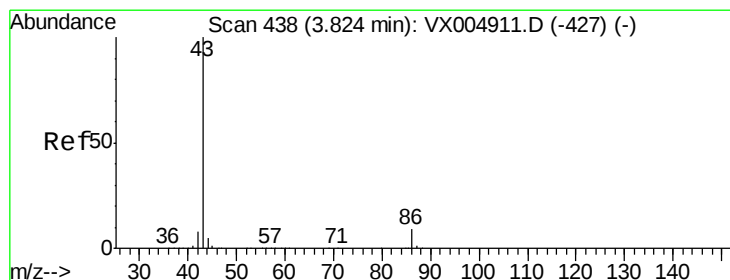
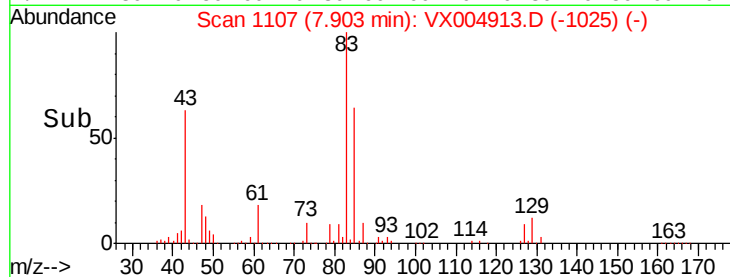
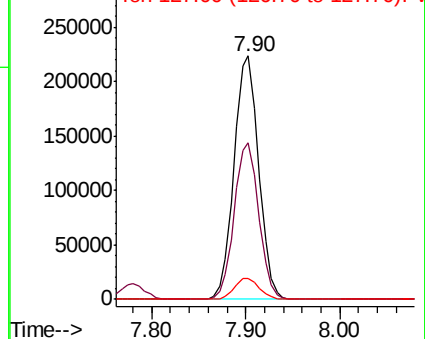
83 100

85 64.2 50.2 75.4

127 8.6 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 489.744 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004913.D

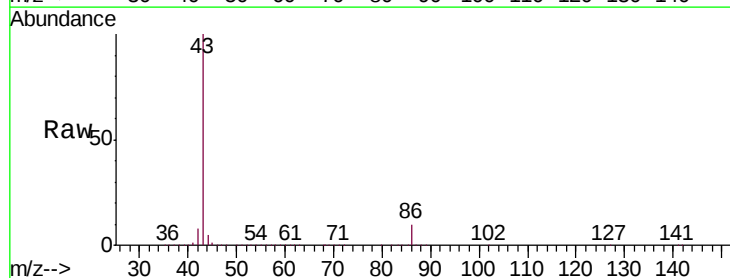
Acq: 02 Oct 2018 11:25

Tgt Ion: 43 Resp: 4579823

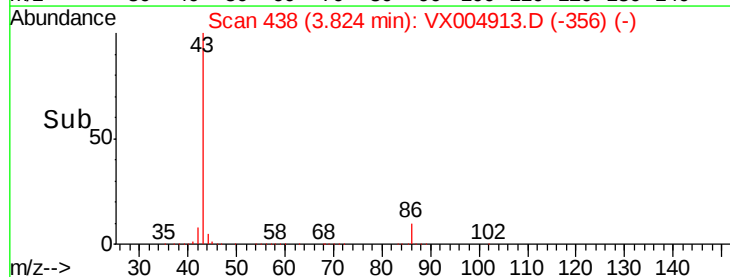
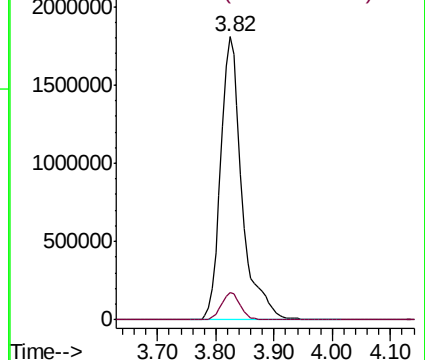
Ion Ratio Lower Upper

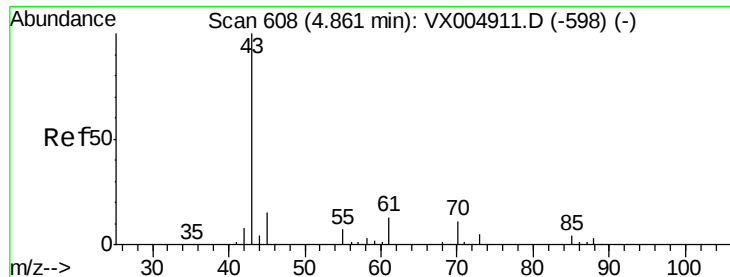
43 100

86 8.6 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

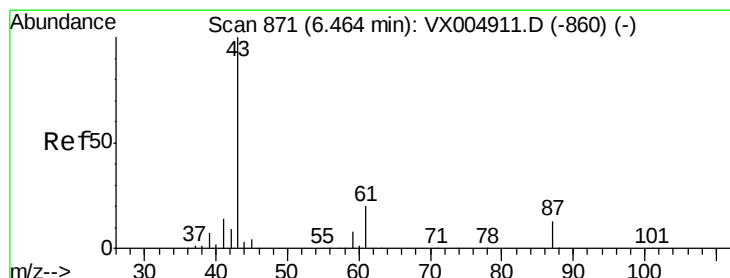
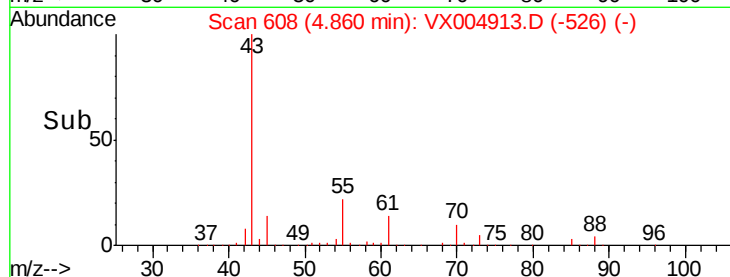
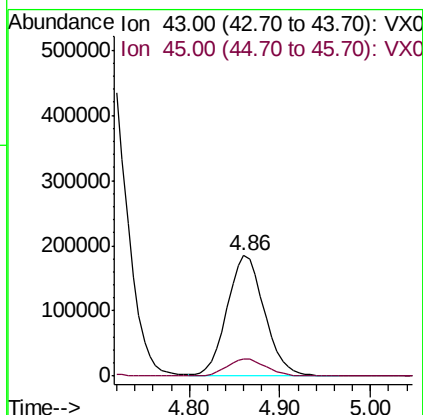
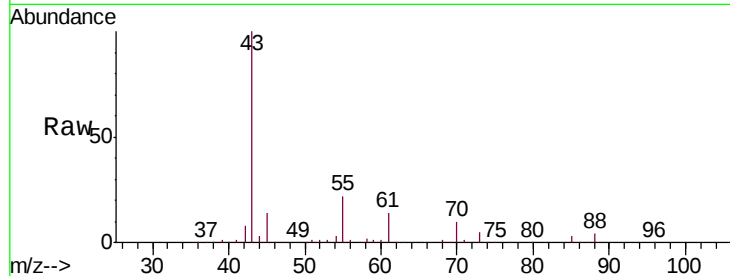




#43
Ethyl Acetate
Concen: 99.071 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

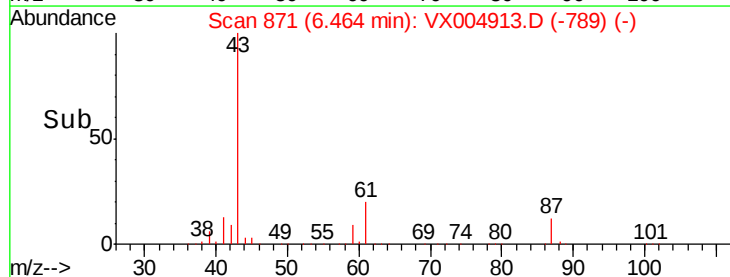
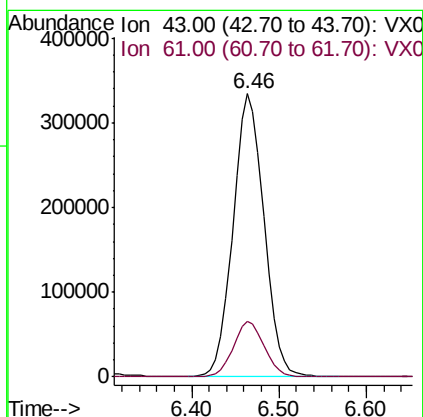
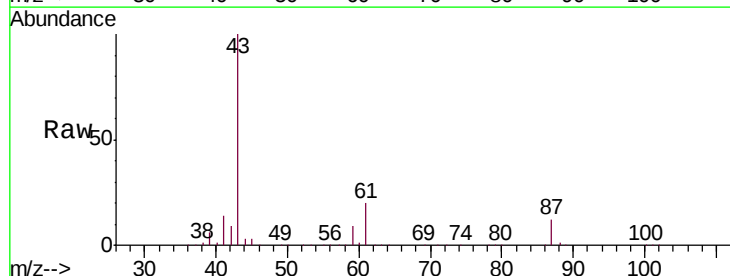
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

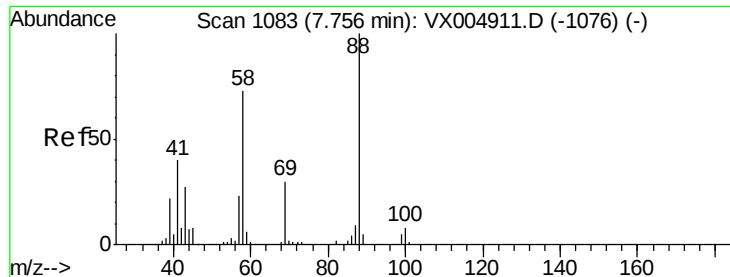
Tgt Ion: 43 Resp: 528241
Ion Ratio Lower Upper
43 100
45 15.2 12.3 18.5



#44
Isopropyl Acetate
Concen: 102.565 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 43 Resp: 816102
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5





#45

1,4-Dioxane

Concen: 2015.917 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

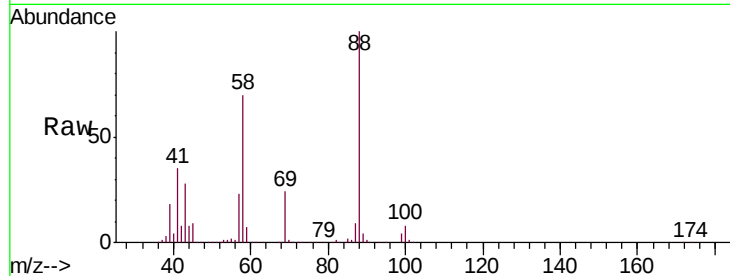
Tgt Ion: 88 Resp: 188981

Ion Ratio Lower Upper

88 100

43 32.4 25.4 38.0

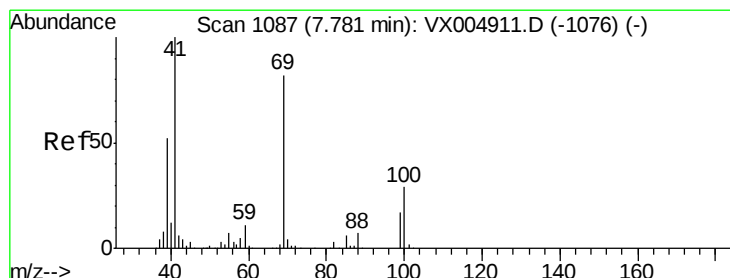
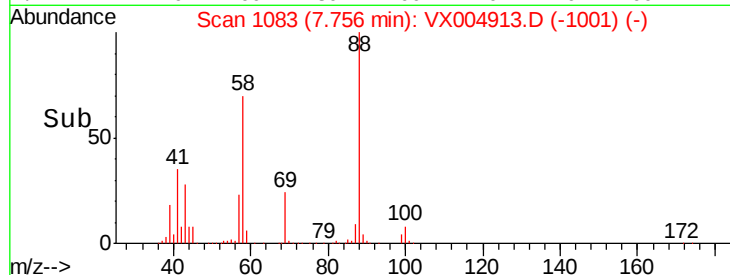
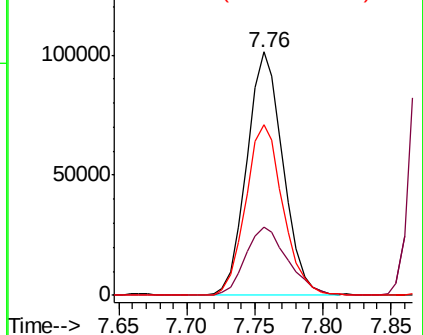
58 72.3 61.0 91.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 103.309 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

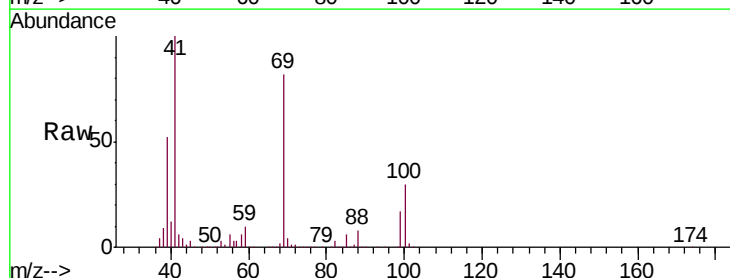
Tgt Ion: 41 Resp: 426484

Ion Ratio Lower Upper

41 100

69 82.5 41.0 123.0

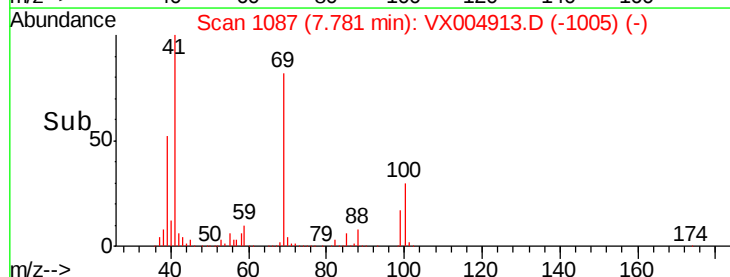
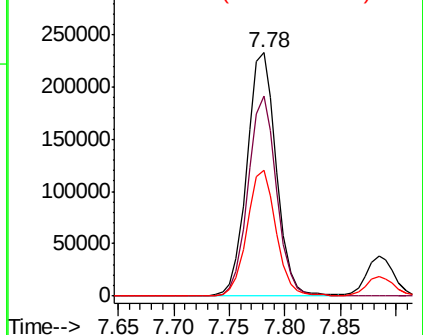
39 51.7 25.9 77.7

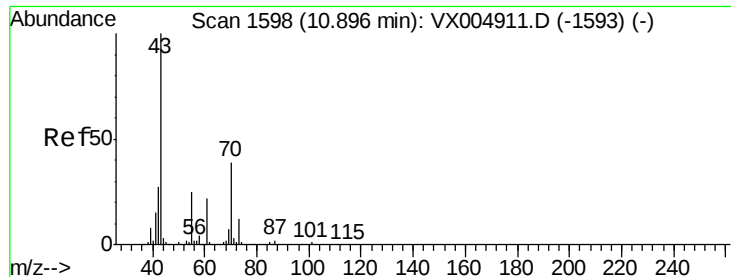


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amy1 Acetate

Concen: 105.071 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

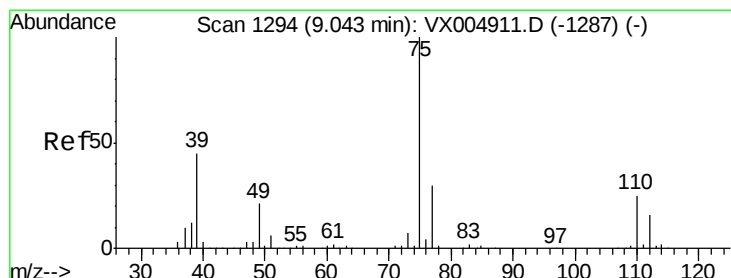
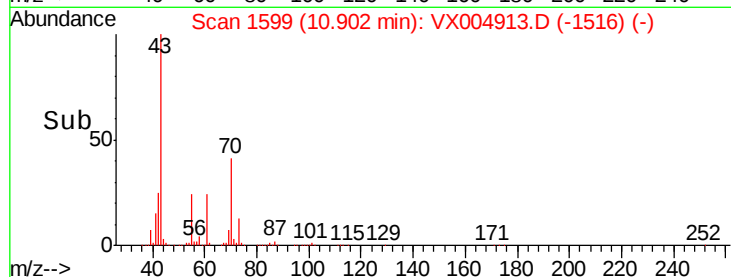
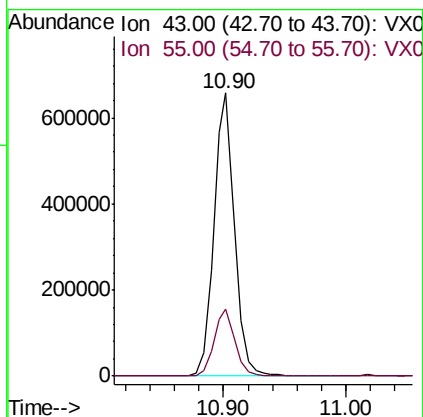
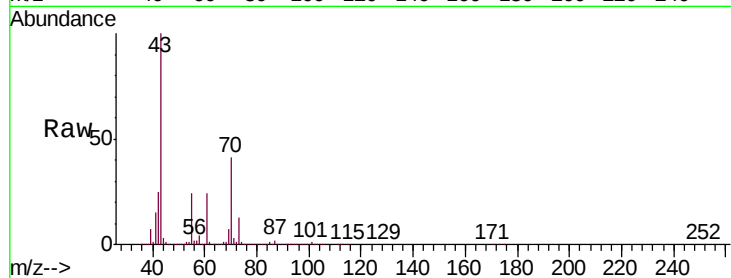
VSTDIC100

Tgt Ion: 43 Resp: 771343

Ion Ratio Lower Upper

43 100

55 23.8 20.0 30.0



#48

t-1,3-Dichloropropene

Concen: 99.237 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004913.D

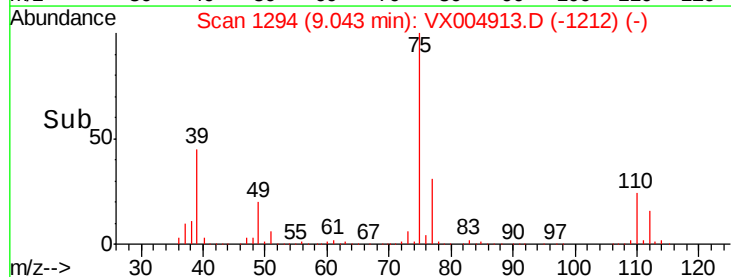
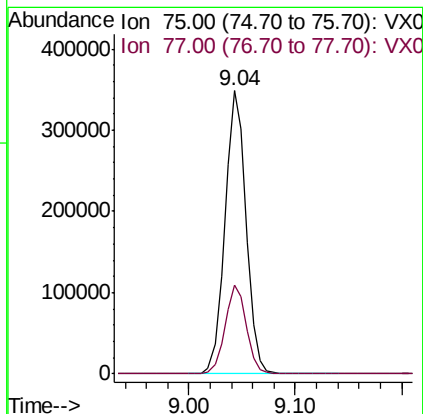
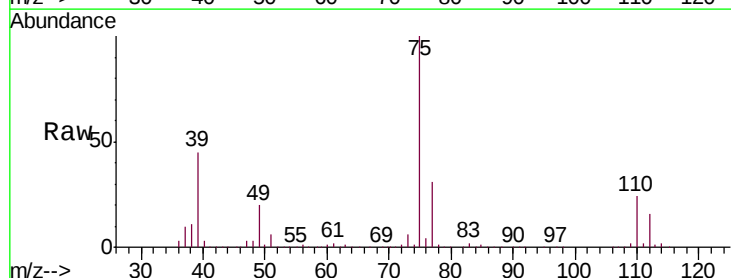
Acq: 02 Oct 2018 11:25

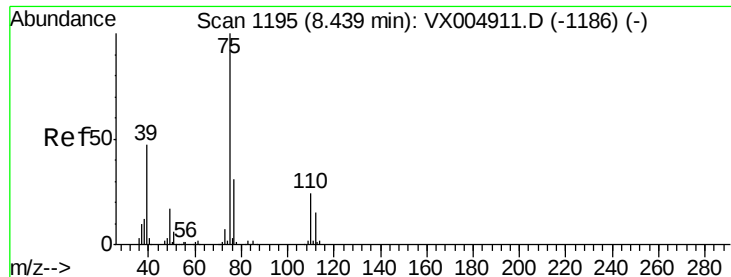
Tgt Ion: 75 Resp: 483012

Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6

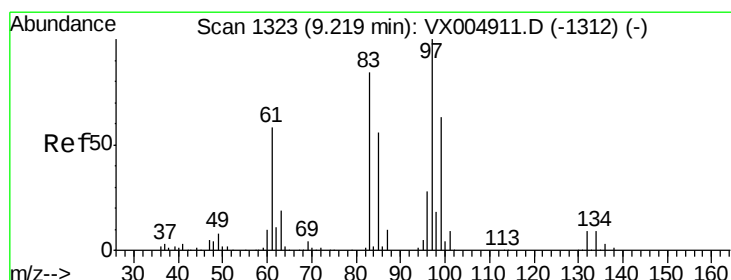
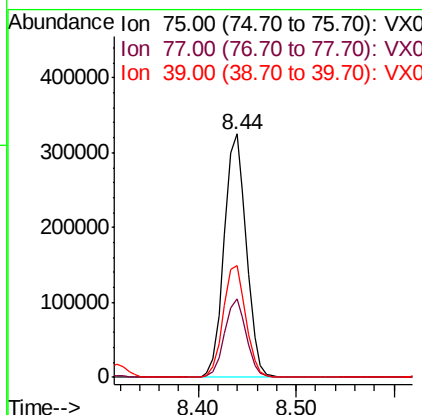
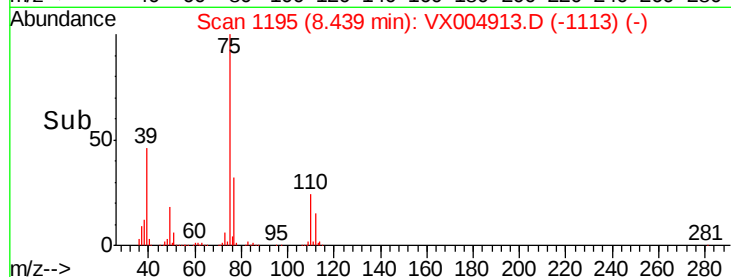
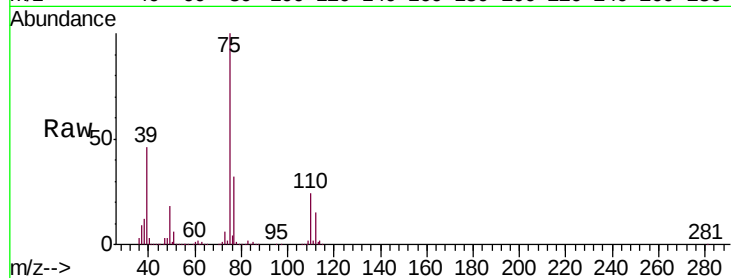




#49
 cis-1,3-Dichloropropene
 Concen: 108.530 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

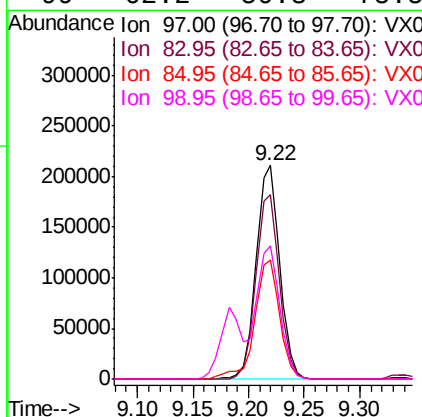
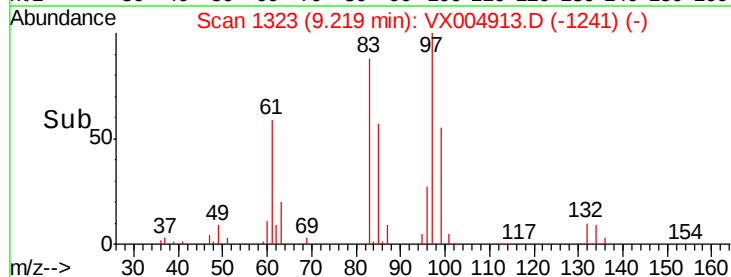
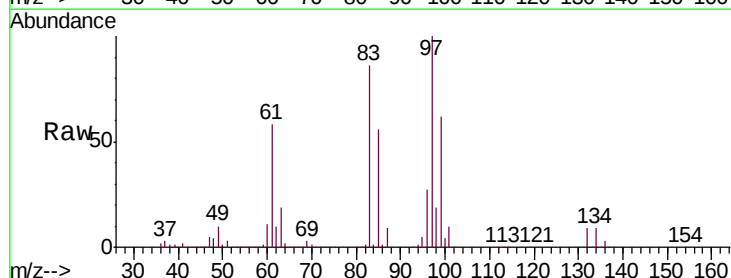
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

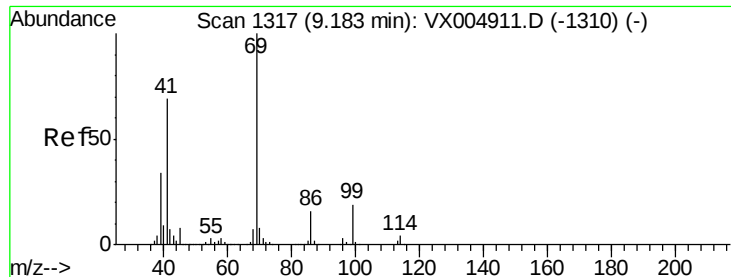
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.9	37.3
39	46.1	38.0	57.0



#50
 1,1,2-Trichloroethane
 Concen: 98.827 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.2	100.8
85	55.9	44.7	67.1
99	62.2	50.3	75.5





#51

Ethyl methacrylate

Concen: 105.070 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

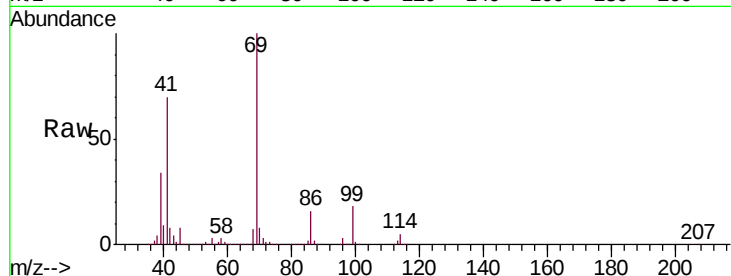
Tgt Ion: 69 Resp: 525981

Ion Ratio Lower Upper

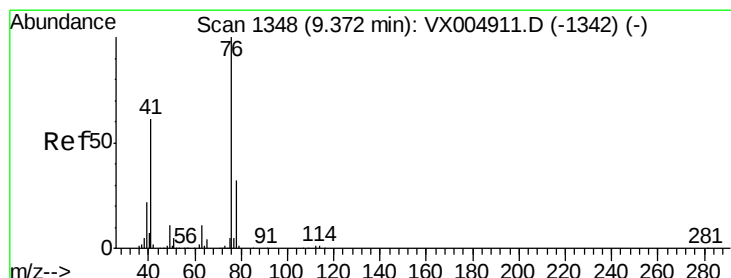
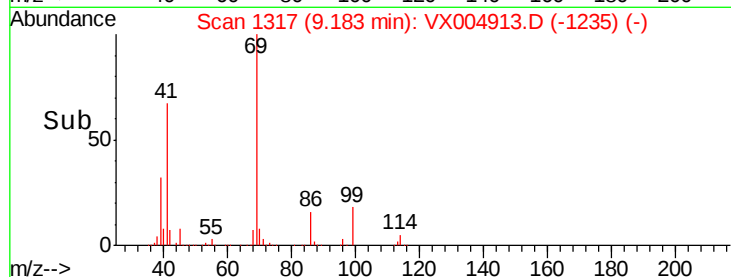
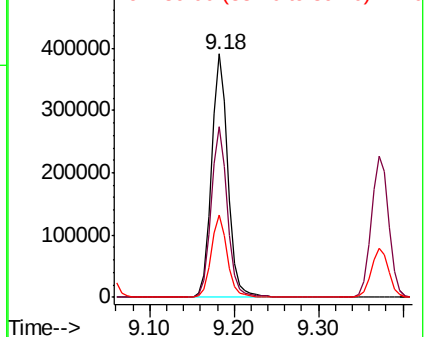
69 100

41 69.9 34.6 103.9

39 33.8 17.0 51.0



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



#52

1,3-Dichloropropane

Concen: 98.767 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004913.D

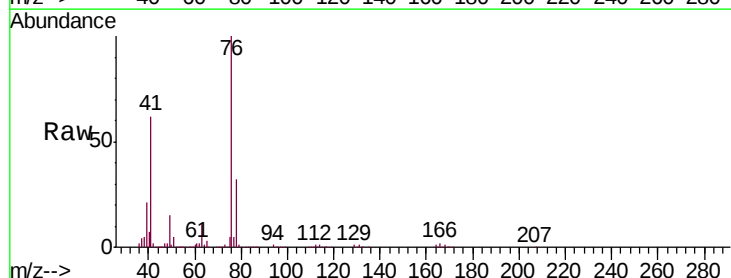
Acq: 02 Oct 2018 11:25

Tgt Ion: 76 Resp: 525592

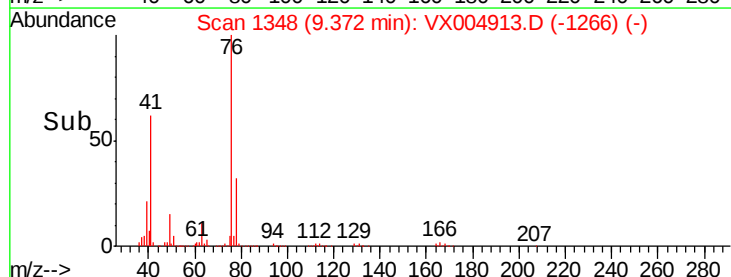
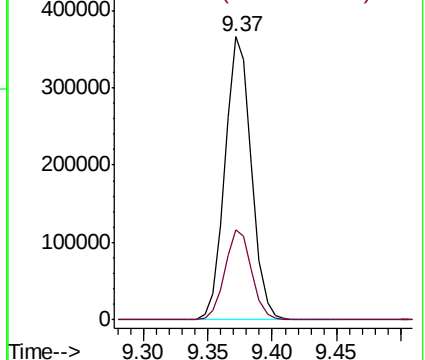
Ion Ratio Lower Upper

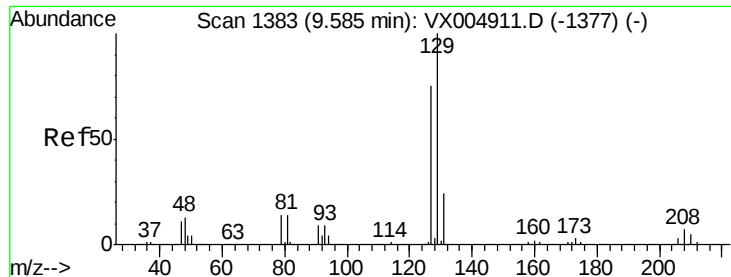
76 100

78 32.1 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 102.998 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

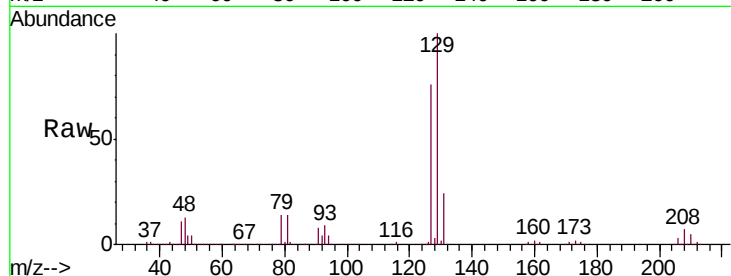
VSTDIC100

Tgt Ion:129 Resp: 337068

Ion Ratio Lower Upper

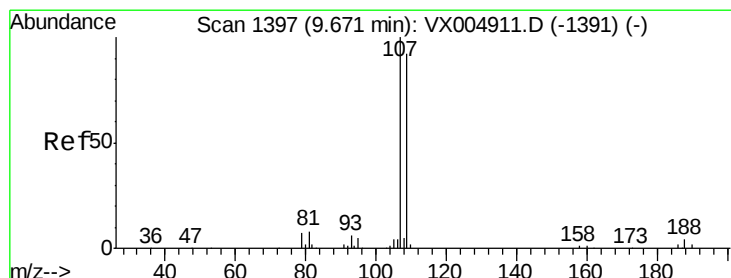
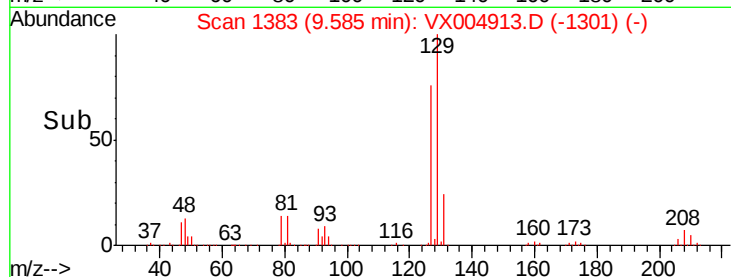
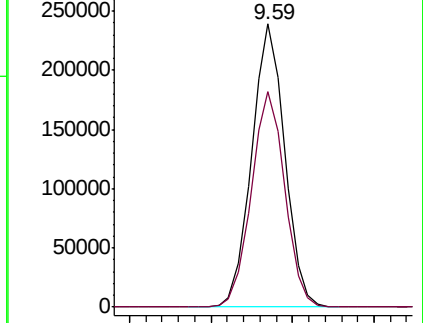
129 100

127 77.0 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 99.564 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004913.D

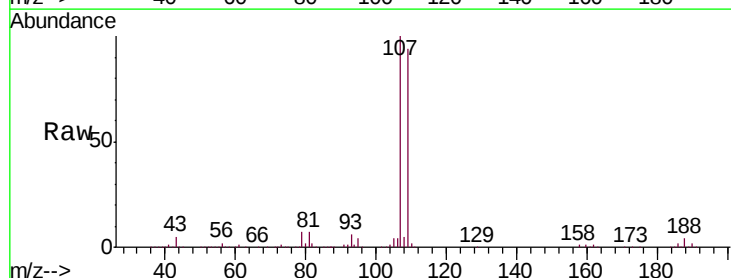
Acq: 02 Oct 2018 11:25

Tgt Ion:107 Resp: 327293

Ion Ratio Lower Upper

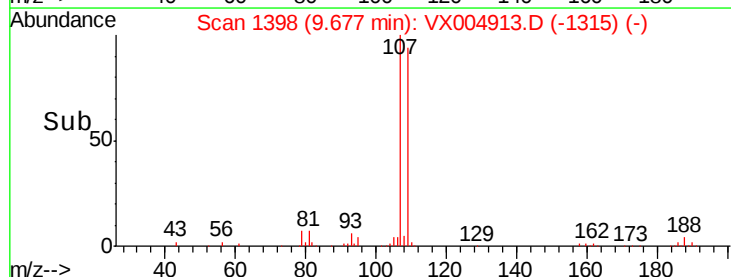
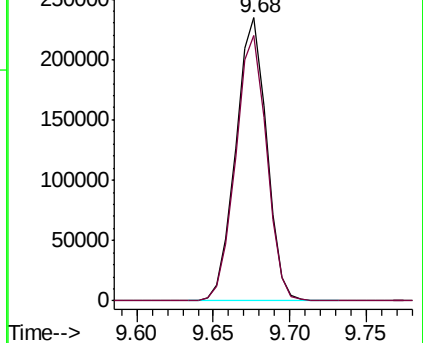
107 100

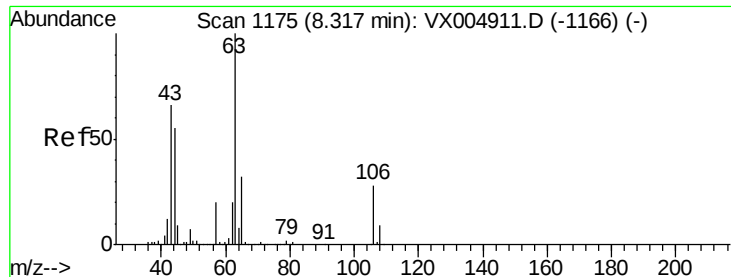
109 94.4 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

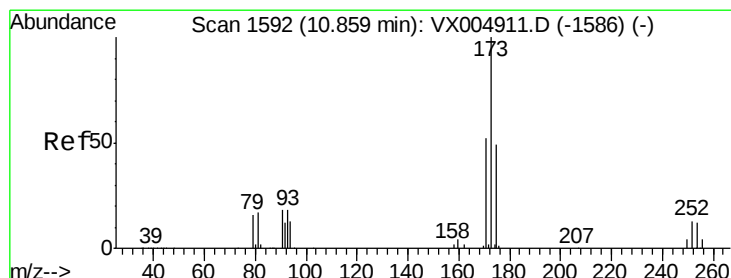
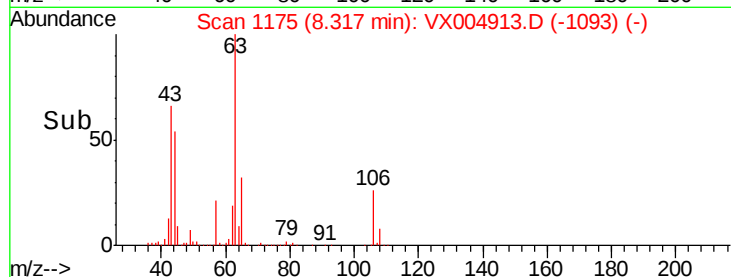
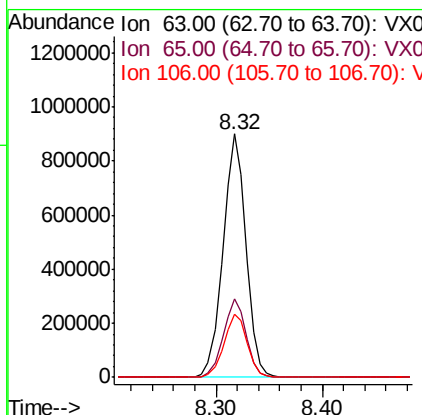
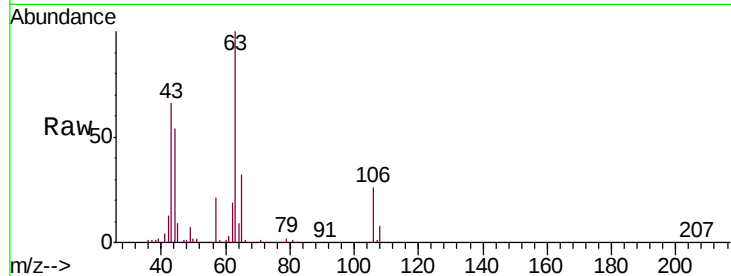




#55
 2-Chloroethyl vinyl ether
 Concen: 511.495 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

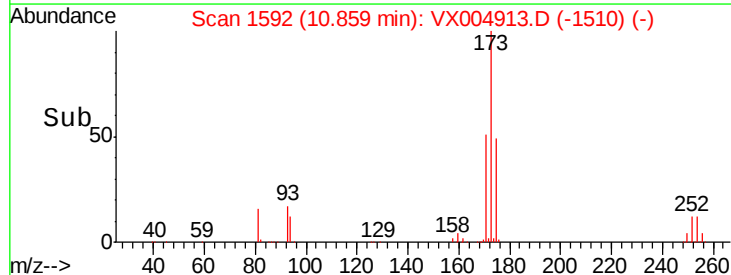
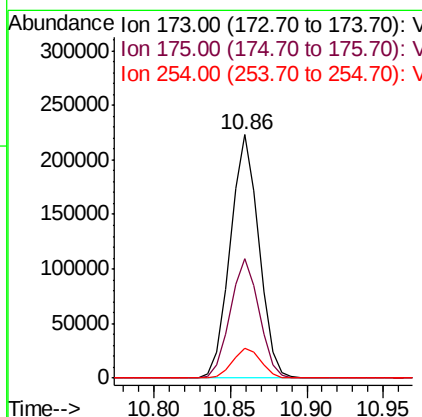
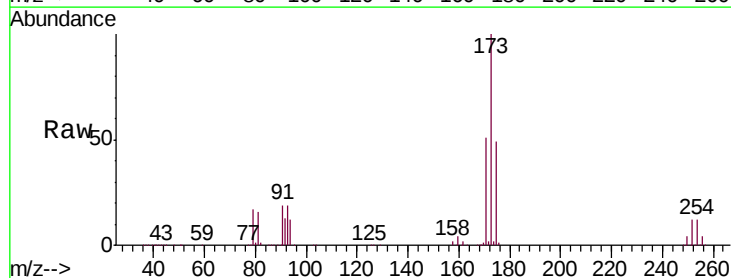
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

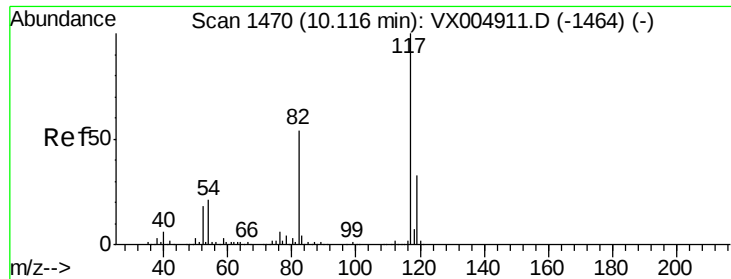
Tgt Ion: 63 Resp: 1351115
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 26.4 21.8 32.6



#56
 Bromoform
 Concen: 105.623 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 173 Resp: 288667
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.7 59.5
 254 12.4 9.6 14.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

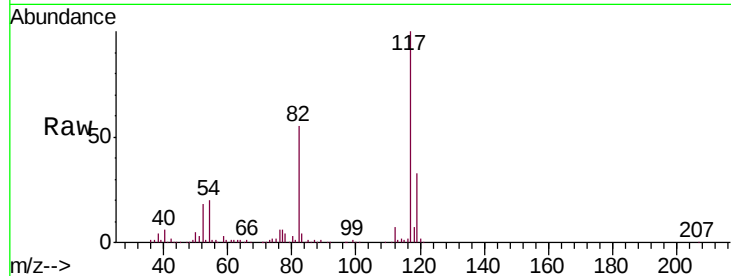
Tgt Ion:117 Resp: 249075

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.4

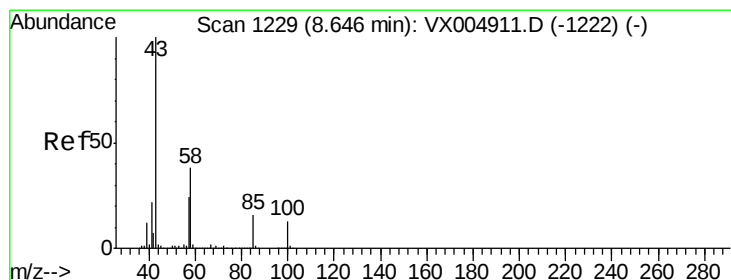
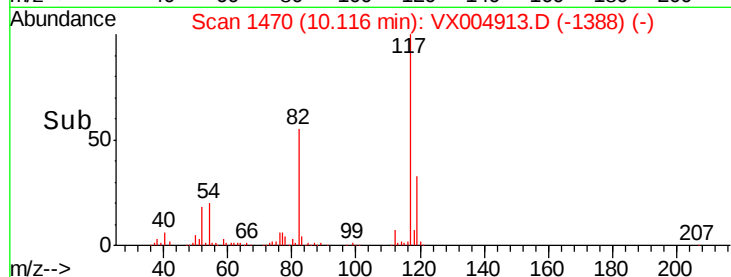
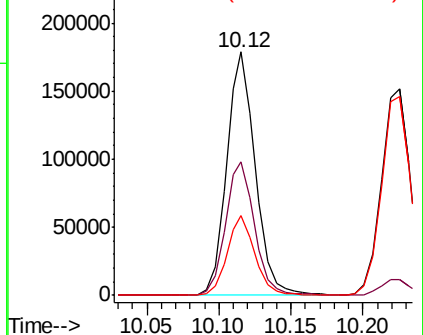
119 31.9 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 511.619 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

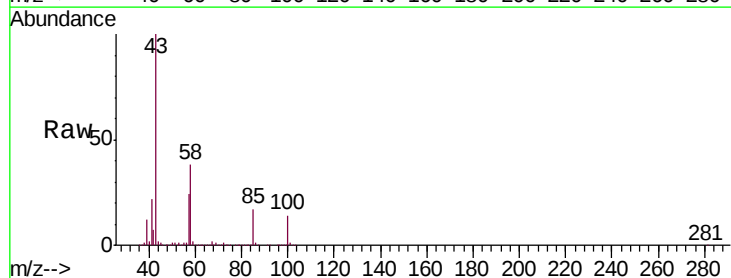
Tgt Ion: 43 Resp: 2861211

Ion Ratio Lower Upper

43 100

58 38.7 30.8 46.2

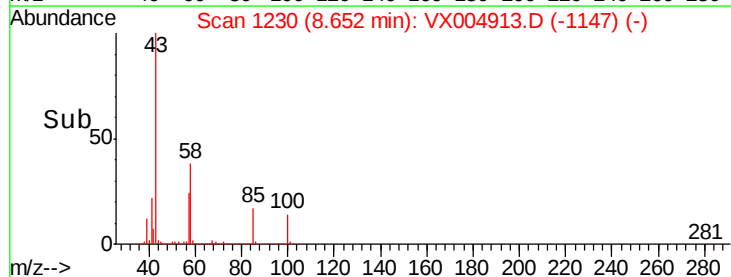
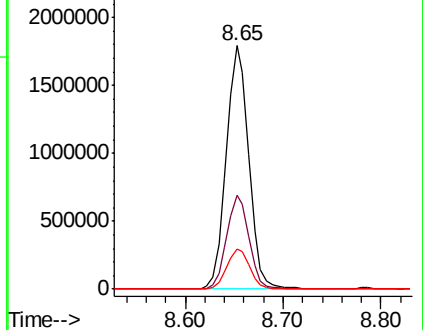
85 16.8 13.1 19.7

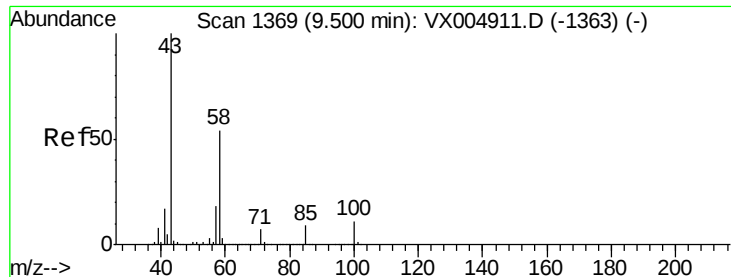


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

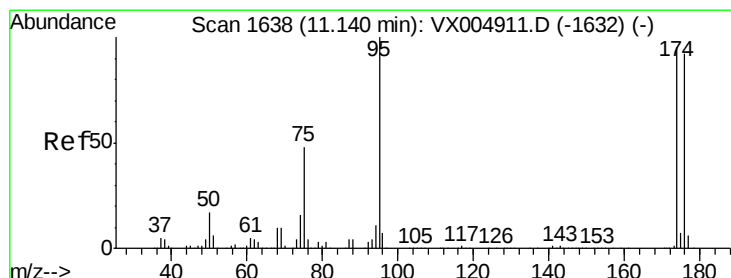
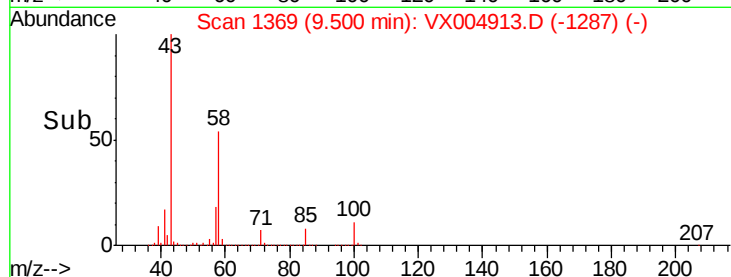
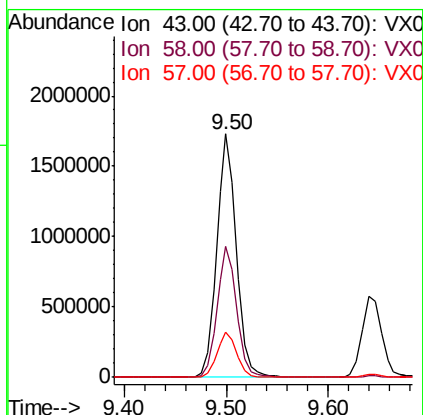
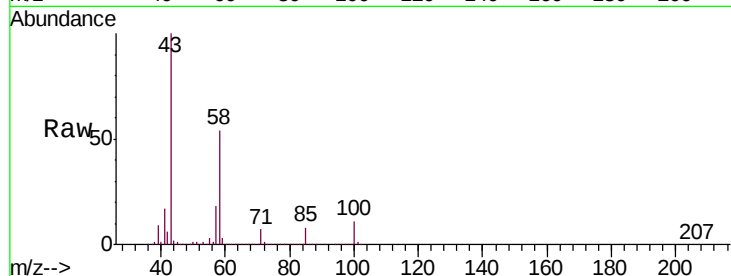




#59
2-Hexanone
Concen: 507.516 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

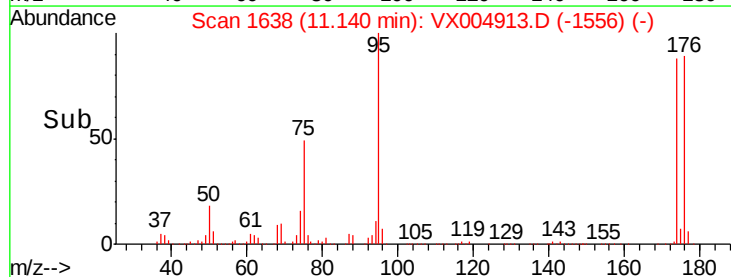
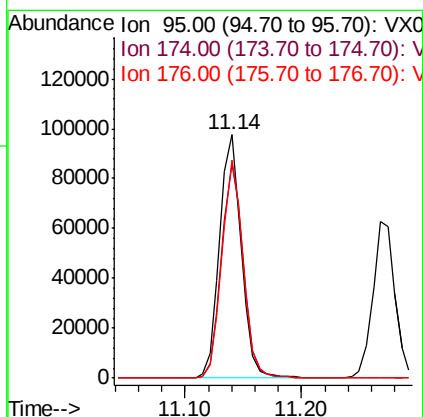
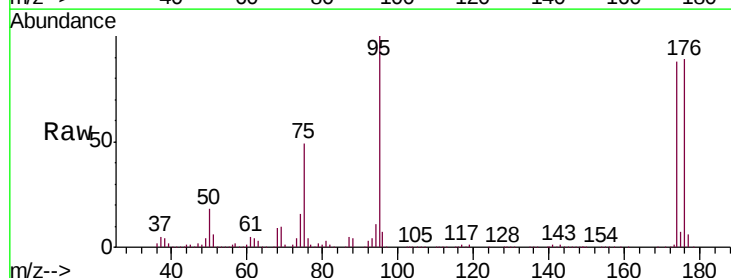
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

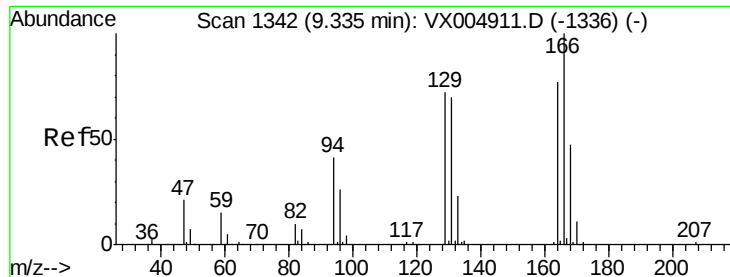
Tgt Ion: 43 Resp: 2338413
Ion Ratio Lower Upper
43 100
58 53.7 42.7 64.1
57 18.7 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.348 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 95 Resp: 125645
Ion Ratio Lower Upper
95 100
174 89.0 73.1 109.7
176 87.8 71.0 106.6

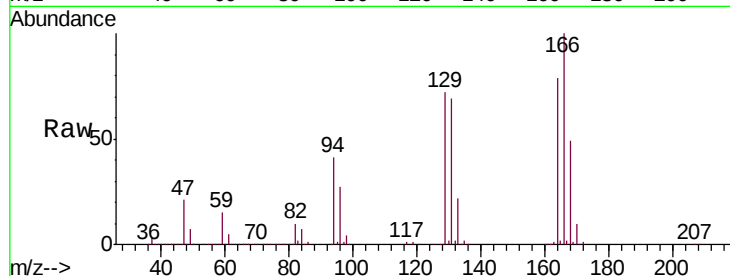




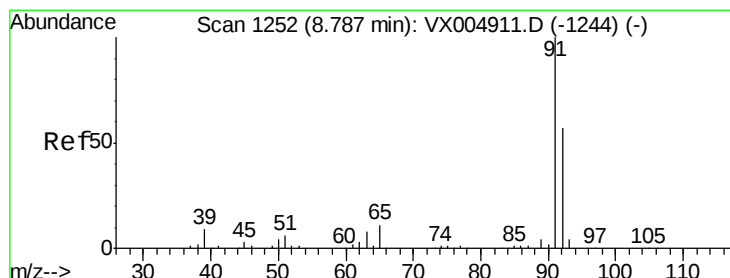
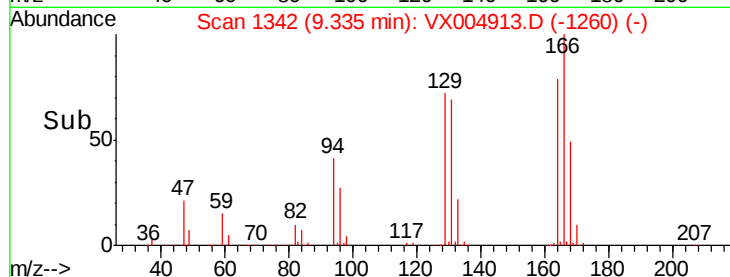
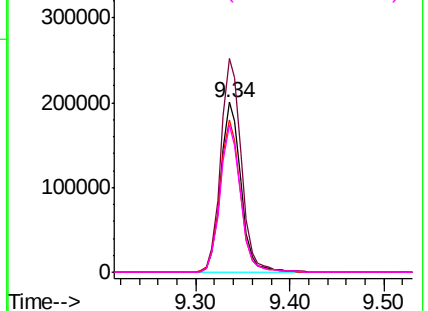
#61
Tetrachloroethene
Concen: 99.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:164 Resp: 300596
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 90.0 75.1 112.7
131 86.4 72.5 108.7

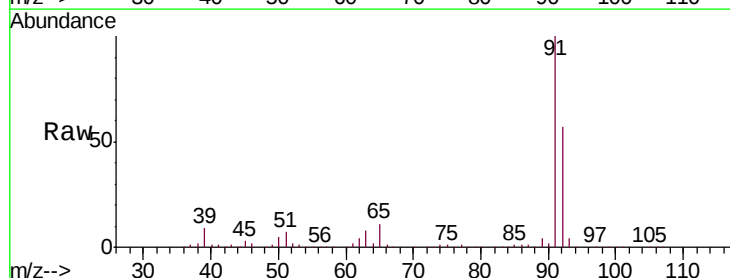


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

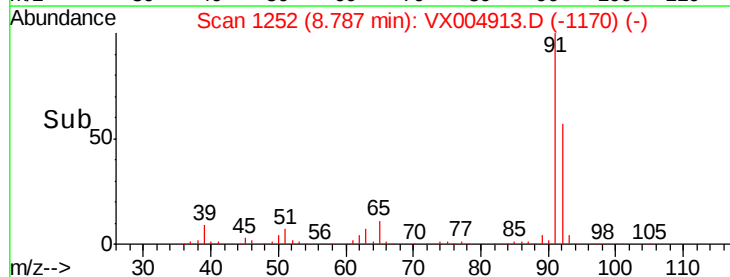
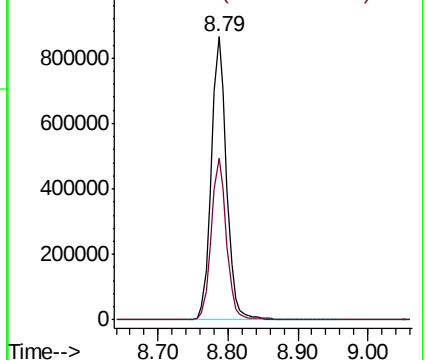


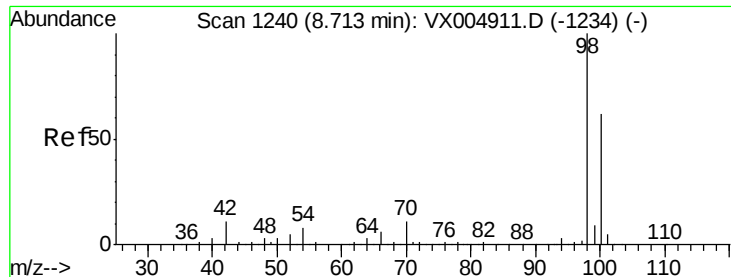
#62
Toluene
Concen: 100.007 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 91 Resp: 1309095
Ion Ratio Lower Upper
91 100
92 57.3 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

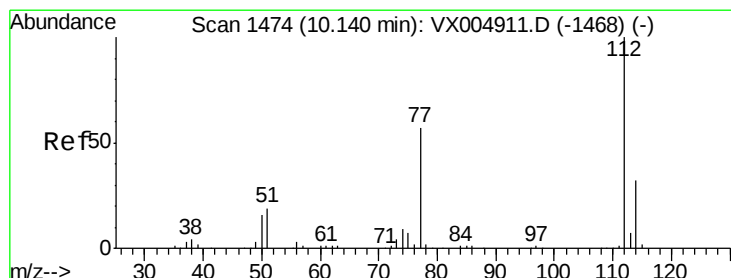
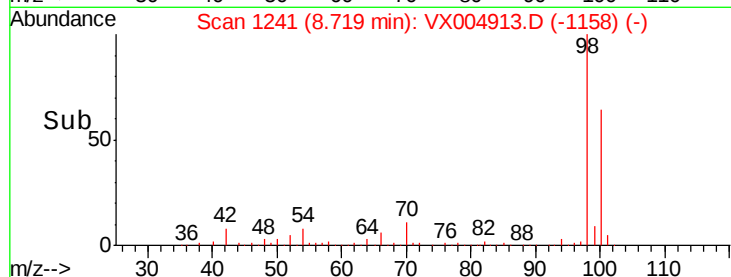
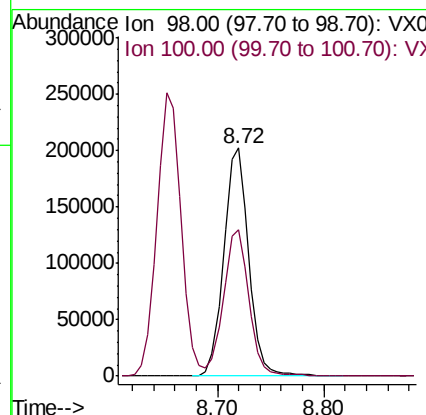
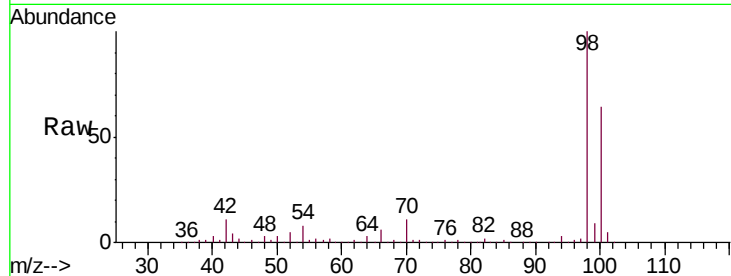




#63
Toluene-d8
Concen: 29.588 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

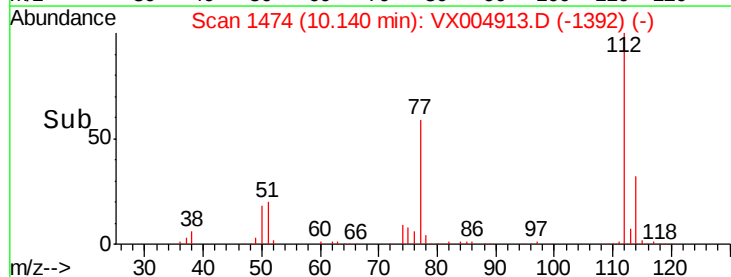
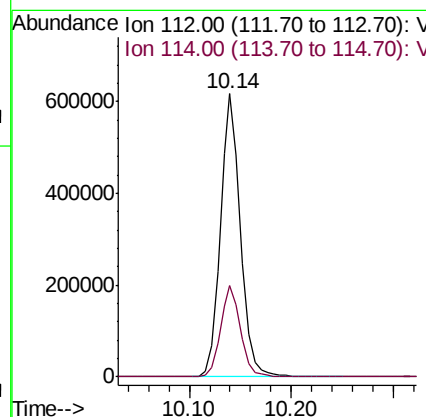
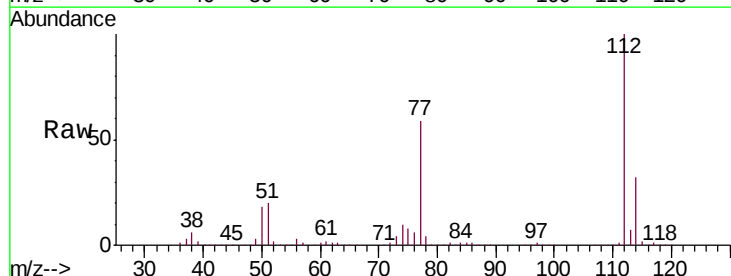
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

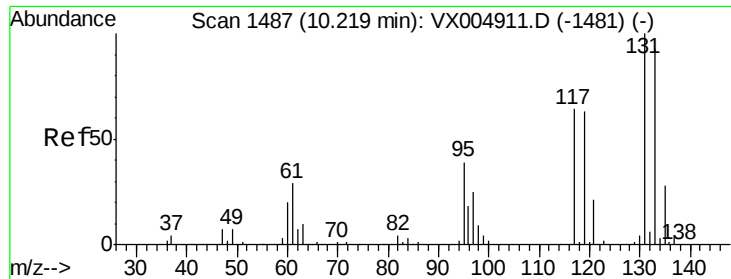
Tgt Ion: 98 Resp: 328962
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



#64
Chlorobenzene
Concen: 100.306 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 112 Resp: 847948
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 101.822 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

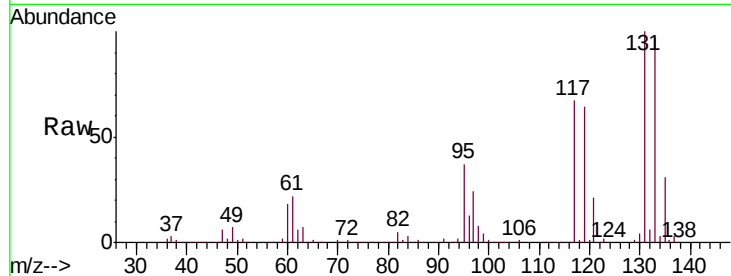
Tgt Ion:131 Resp: 312903

Ion Ratio Lower Upper

131 100

133 95.5 0.0 190.4

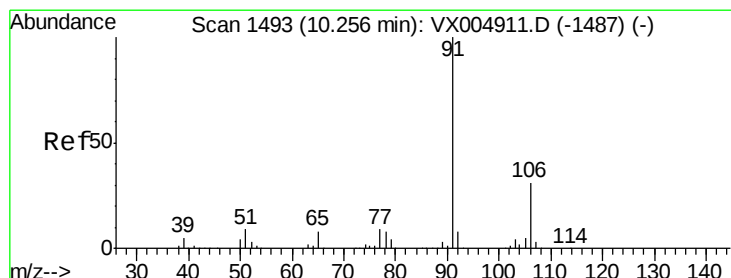
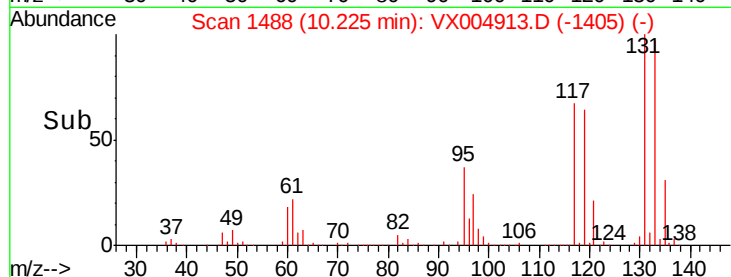
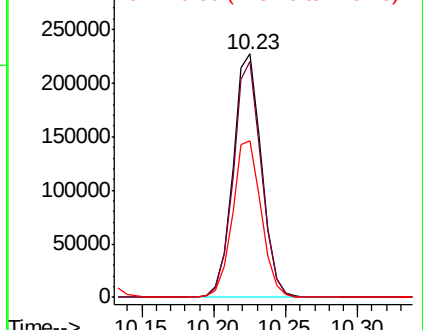
119 64.8 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 102.385 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004913.D

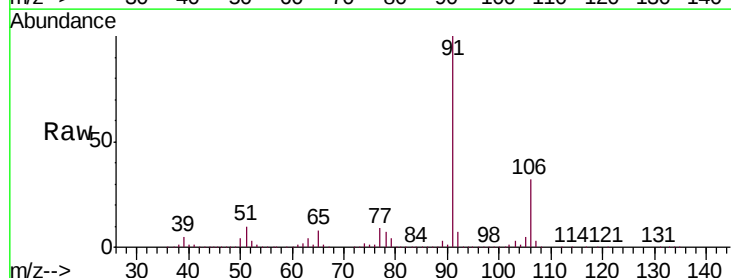
Acq: 02 Oct 2018 11:25

Tgt Ion: 91 Resp: 1463156

Ion Ratio Lower Upper

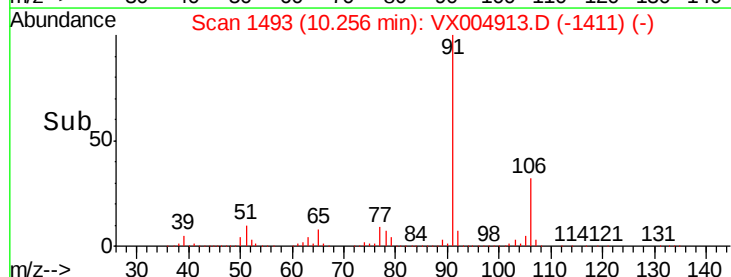
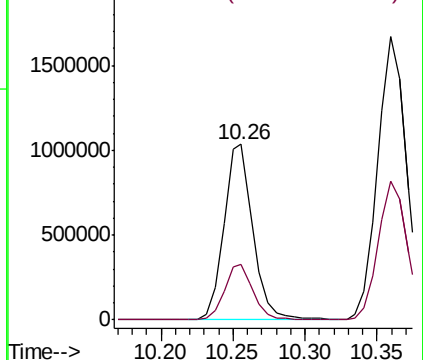
91 100

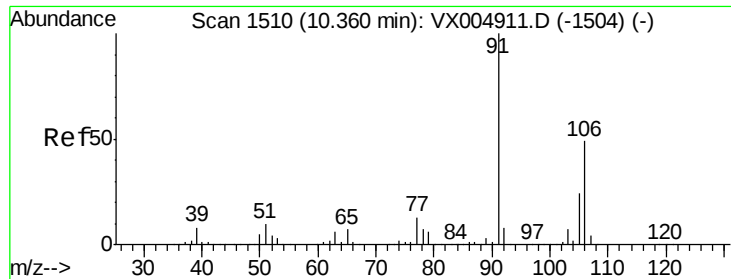
106 31.5 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

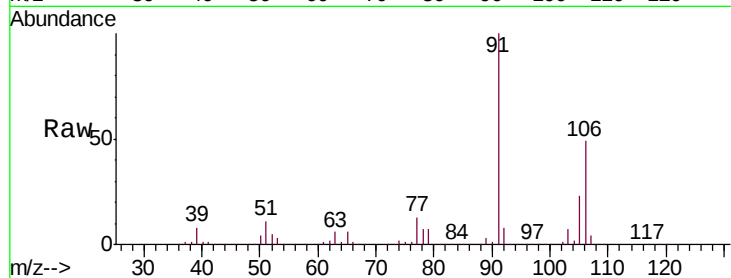




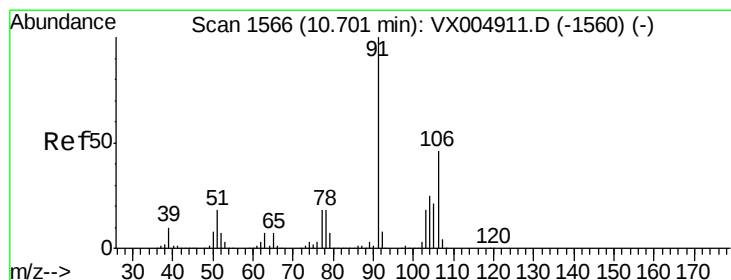
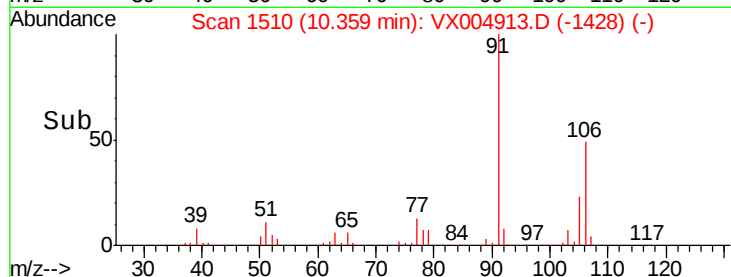
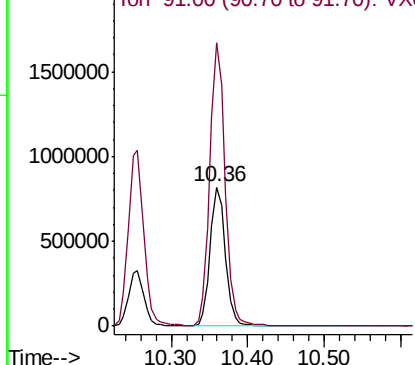
#67
m/p-Xylenes
Concen: 205.840 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 1145361
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3

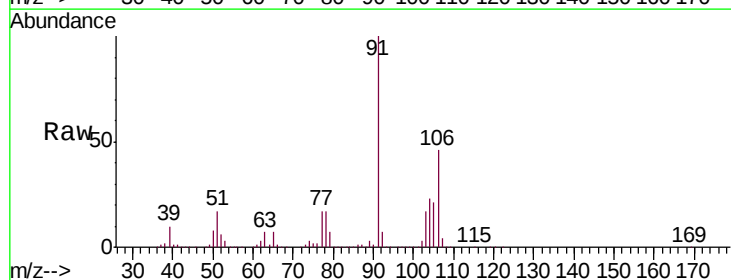


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

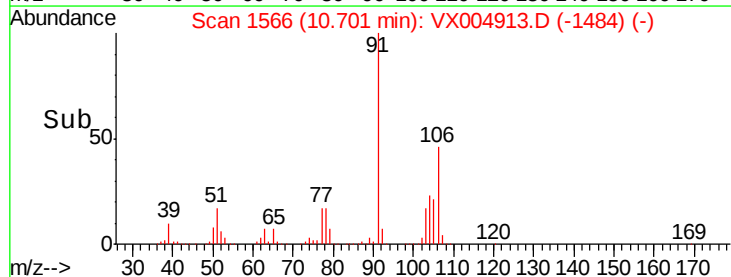
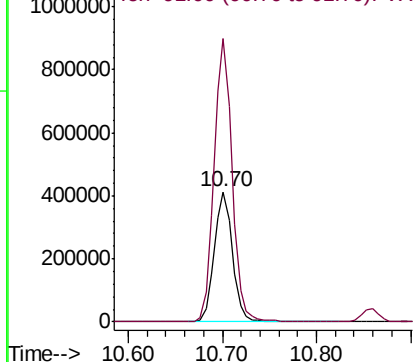


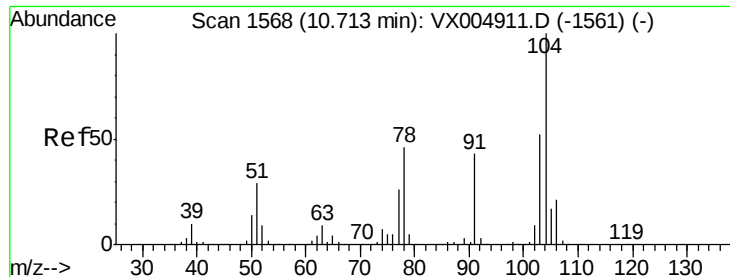
#68
o-Xylene
Concen: 102.999 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion:106 Resp: 552454
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.2



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





#69

Styrene

Concen: 104.665 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

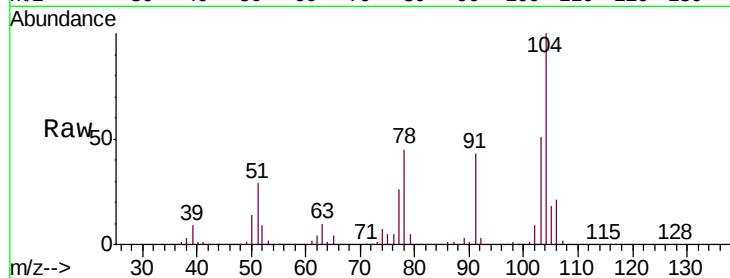
Tgt Ion:104 Resp: 943992

Ion Ratio Lower Upper

104 100

78 49.6 40.3 60.5

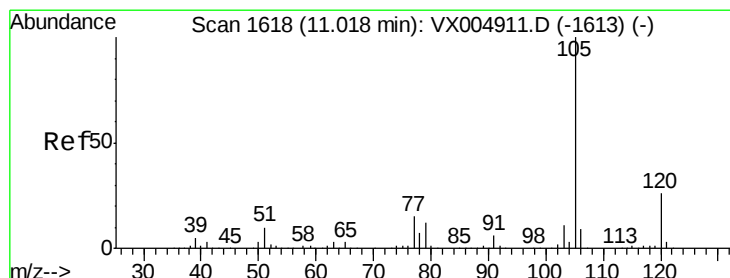
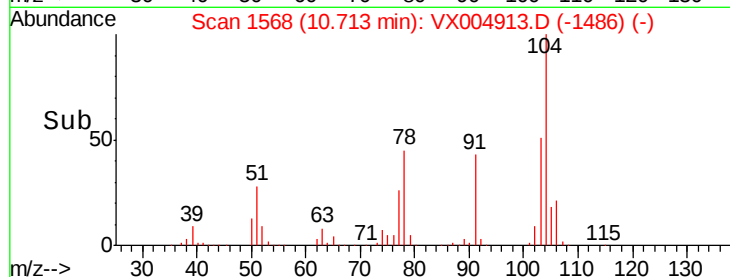
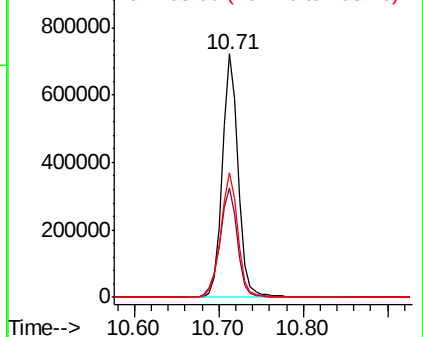
103 55.6 44.6 66.8



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



#70

Isopropylbenzene

Concen: 102.564 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004913.D

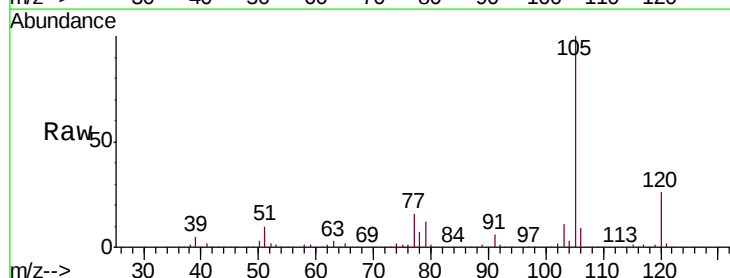
Acq: 02 Oct 2018 11:25

Tgt Ion:105 Resp: 1473080

Ion Ratio Lower Upper

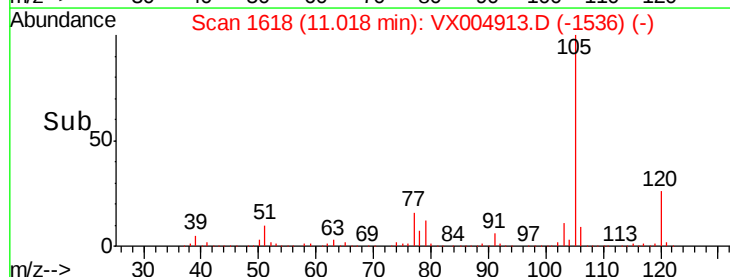
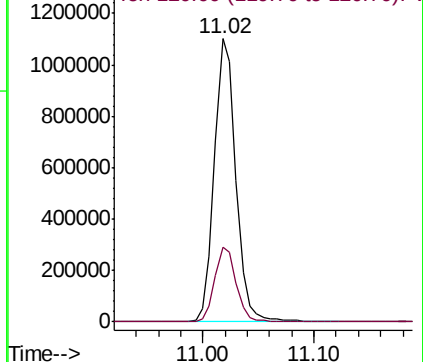
105 100

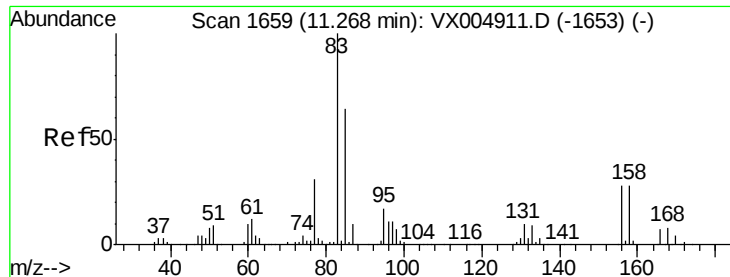
120 26.5 18.3 34.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

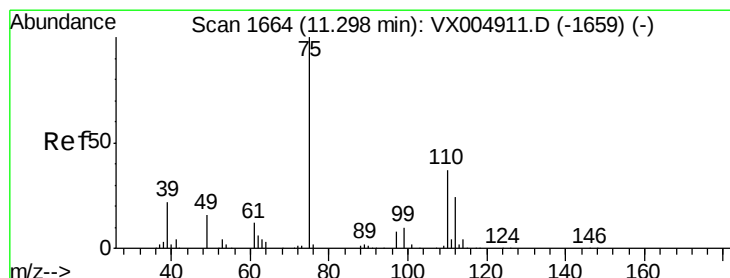
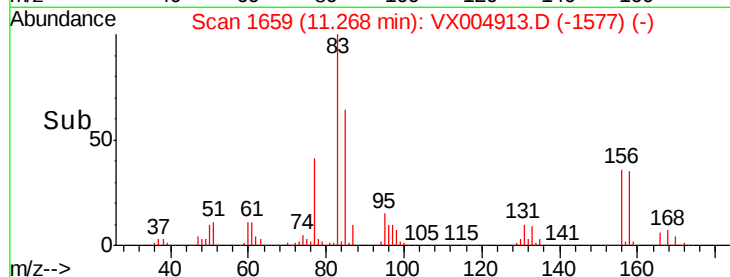
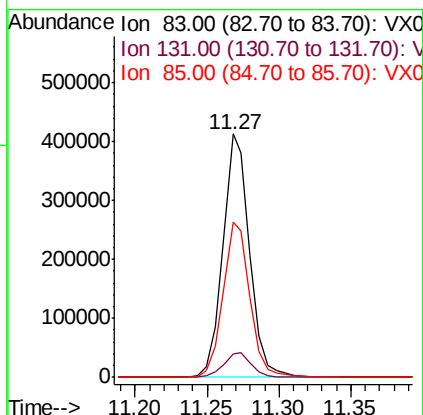
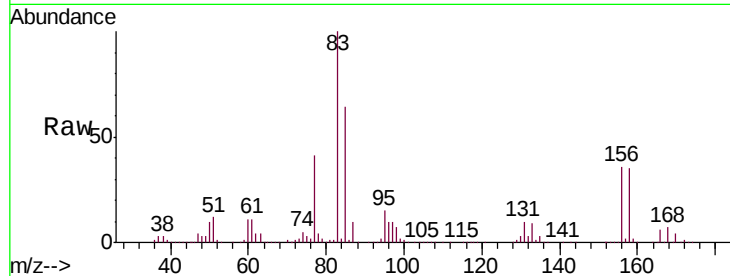




#71
 1,1,2,2-Tetrachloroethane
 Concen: 100.744 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

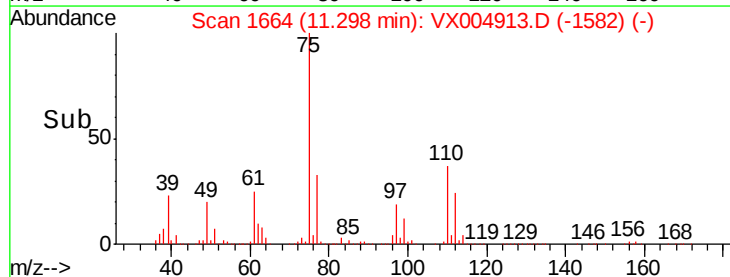
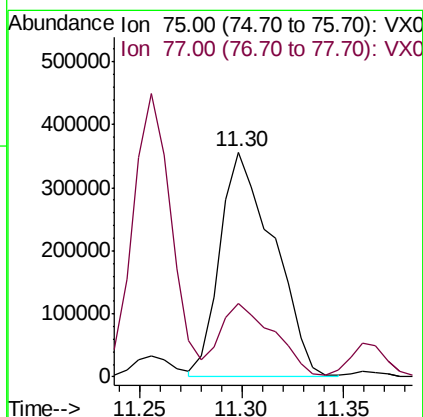
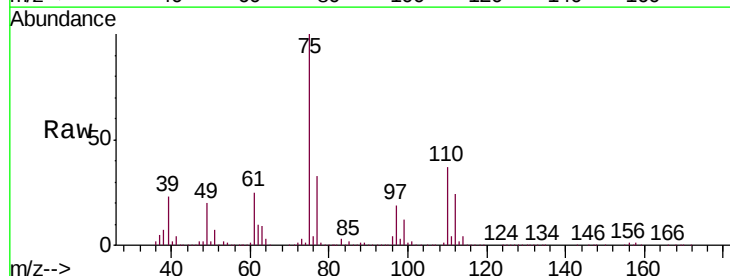
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

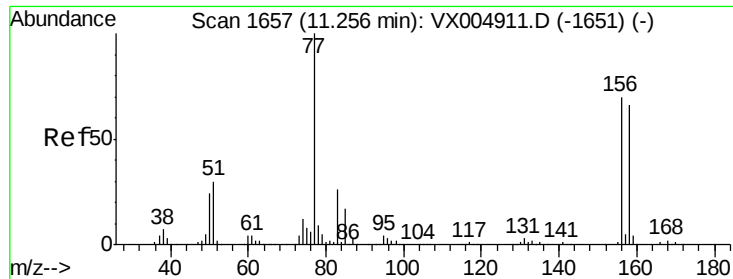
Tgt Ion: 83 Resp: 537433
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.2
 85 64.6 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 134.453 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 75 Resp: 653444
 Ion Ratio Lower Upper
 75 100
 77 32.8 0.0 81.2





#73

Bromobenzene

Concen: 101.448 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

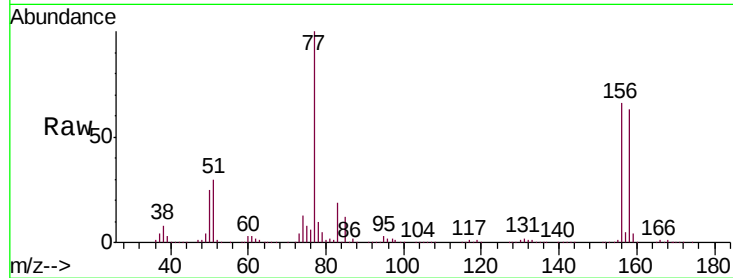
Tgt Ion:156 Resp: 400523

Ion Ratio Lower Upper

156 100

77 147.0 0.0 292.4

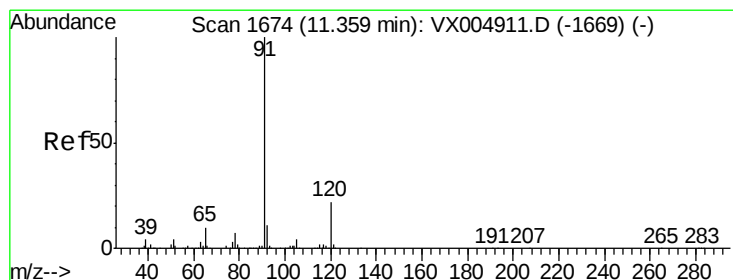
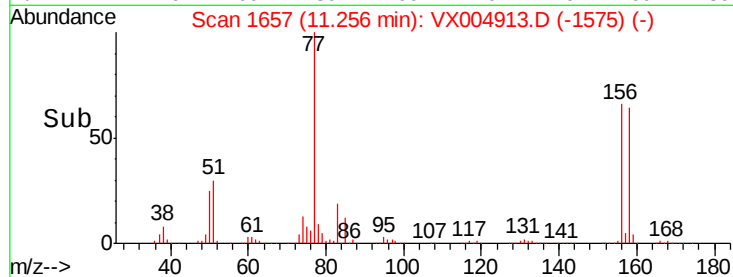
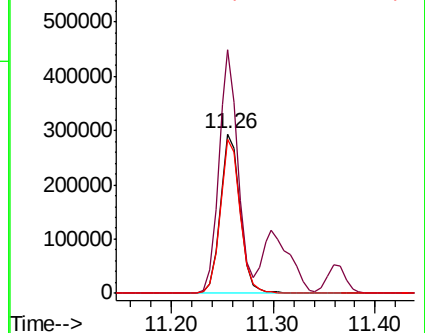
158 97.1 0.0 194.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 102.712 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004913.D

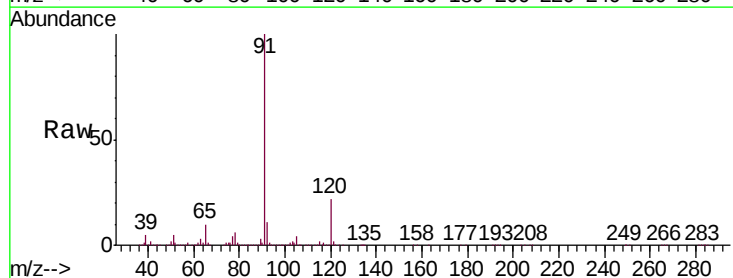
Acq: 02 Oct 2018 11:25

Tgt Ion: 91 Resp: 1735740

Ion Ratio Lower Upper

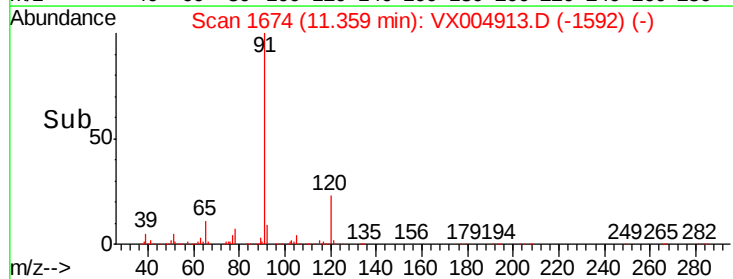
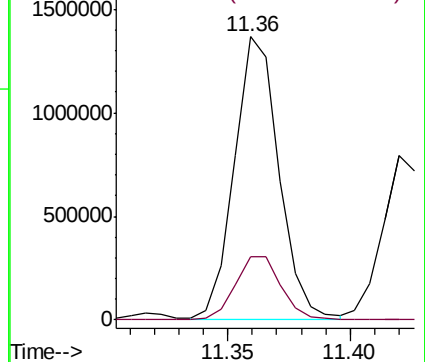
91 100

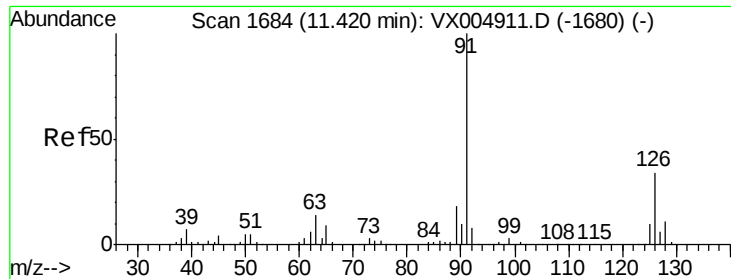
120 23.3 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 101.299 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004913.D

Acq: 02 Oct 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

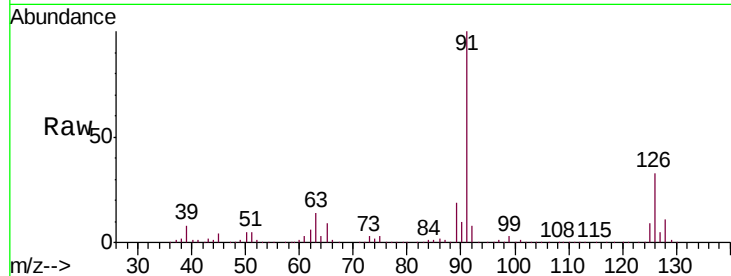
VSTDIC100

Tgt Ion: 91 Resp: 1044040

Ion Ratio Lower Upper

91 100

126 33.9 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX004911.D (-1680) (-)

Ion 126.00 (125.70 to 126.70): VX004911.D (-1680) (-)

1500000

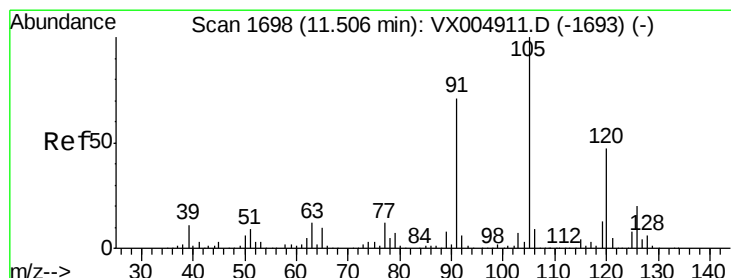
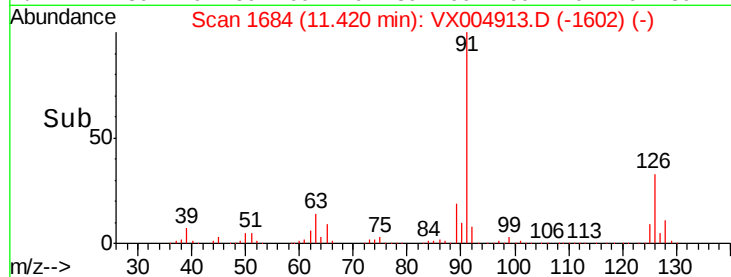
1000000

500000

0

11.40 11.45 11.50

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 102.874 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004913.D

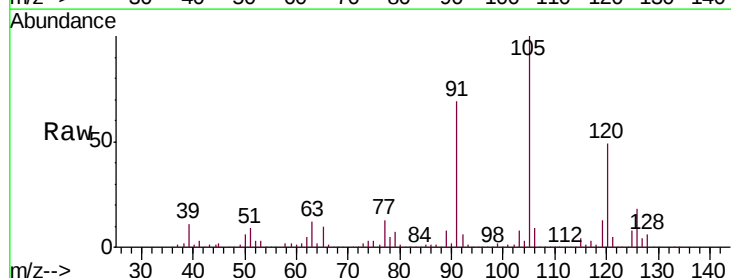
Acq: 02 Oct 2018 11:25

Tgt Ion: 105 Resp: 1274858

Ion Ratio Lower Upper

105 100

120 48.5 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX004911.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX004911.D (-1693) (-)

1200000

1000000

800000

600000

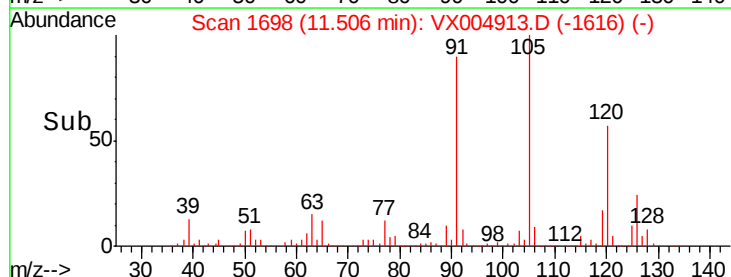
400000

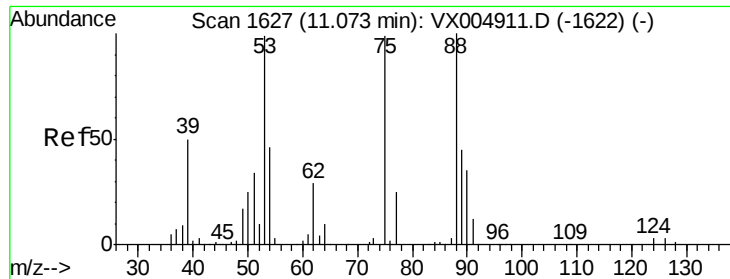
200000

0

11.45 11.50 11.55 11.60

Time-->

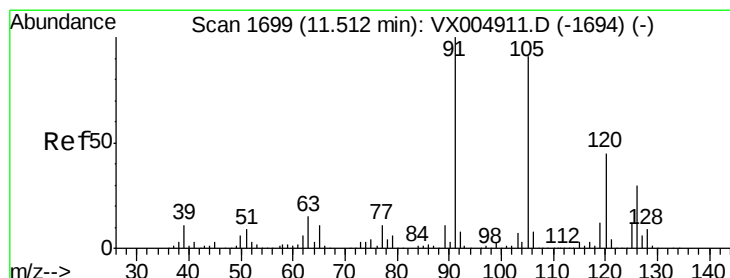
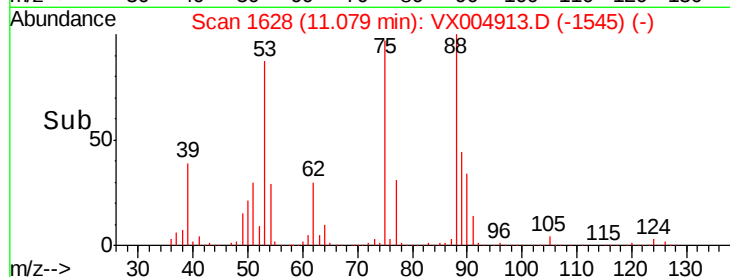
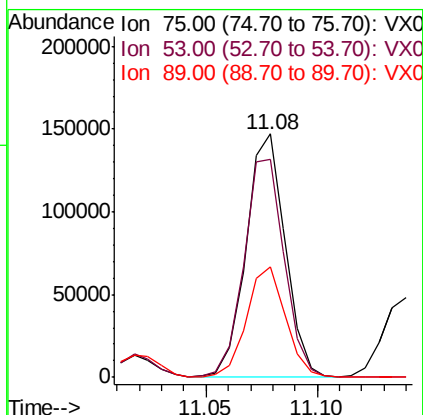
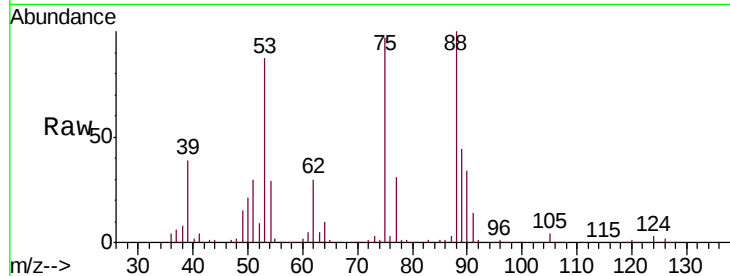




#77
t-1,4-Dichloro-2-butene
Concen: 112.915 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

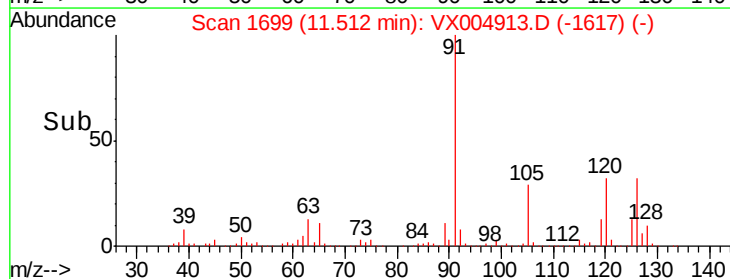
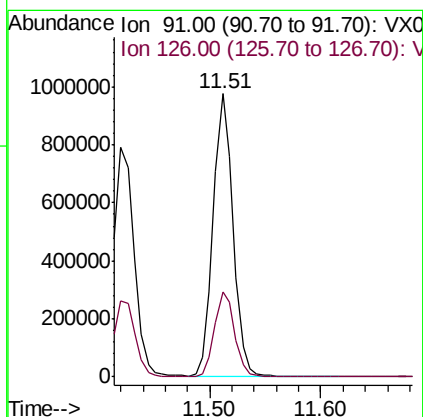
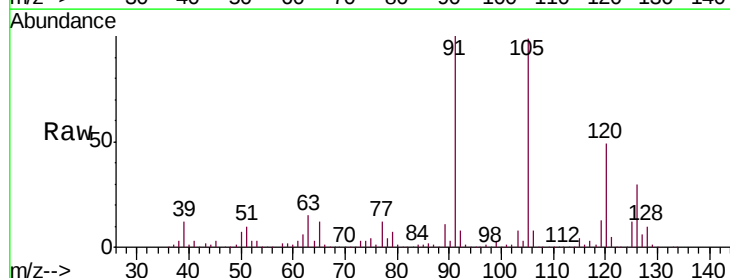
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

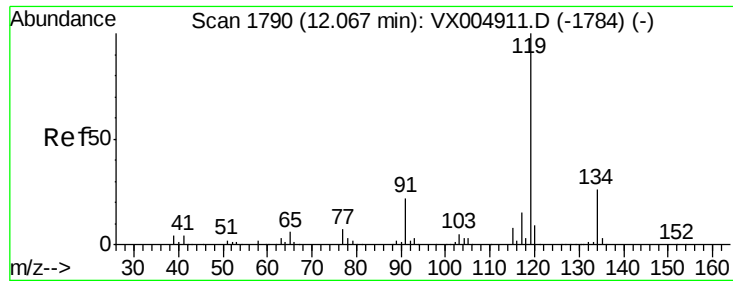
Tgt Ion: 75 Resp: 180426
Ion Ratio Lower Upper
75 100
53 89.6 50.3 150.9
89 45.2 22.6 67.8



#78
4-Chlorotoluene
Concen: 101.471 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 91 Resp: 1215598
Ion Ratio Lower Upper
91 100
126 30.5 0.0 61.0

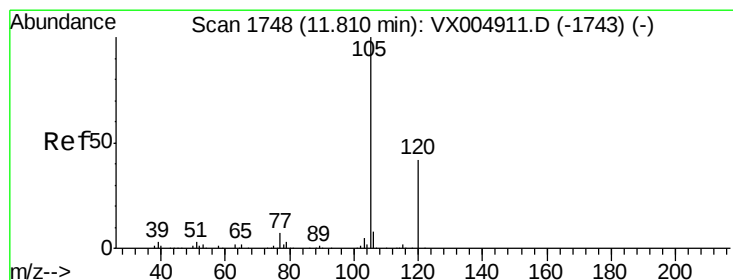
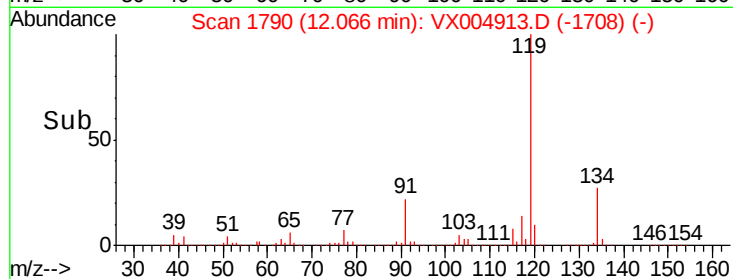
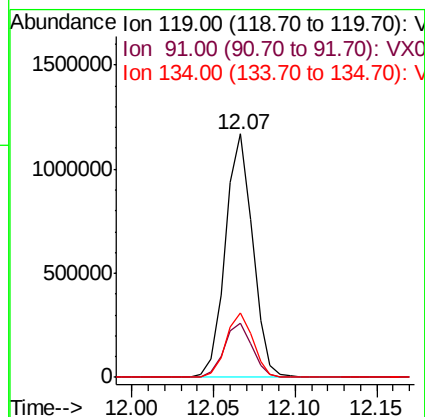
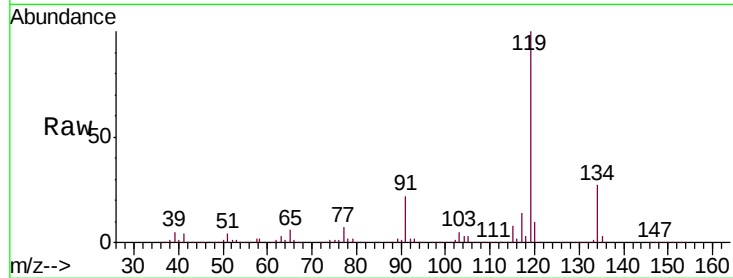




#79
tert-butylbenzene
Concen: 103.290 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

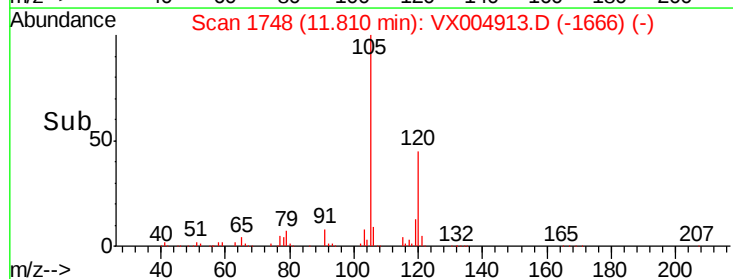
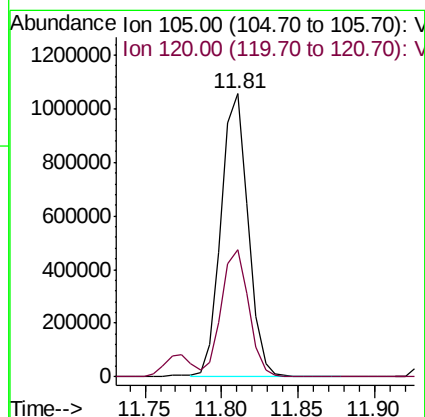
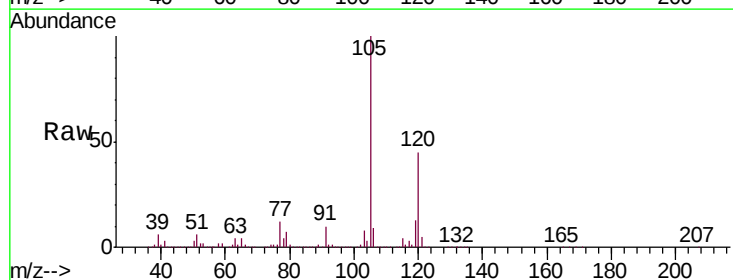
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

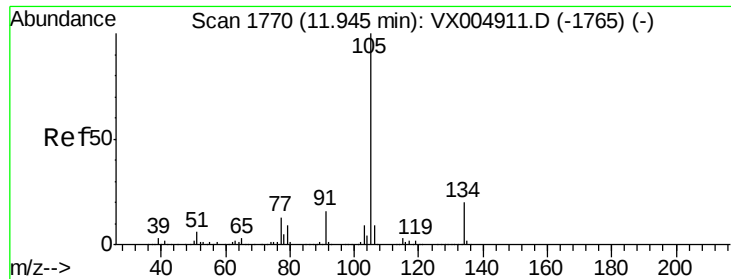
Tgt Ion:119 Resp: 1358448
Ion Ratio Lower Upper
119 100
91 22.9 0.0 45.8
134 26.4 0.0 52.8



#80
1,2,4-Trimethylbenzene
Concen: 102.558 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion:105 Resp: 1296137
Ion Ratio Lower Upper
105 100
120 45.3 0.0 90.6

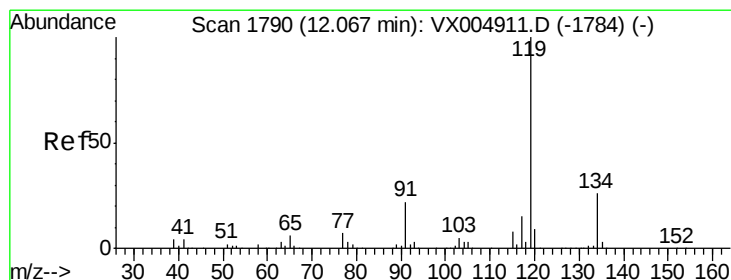
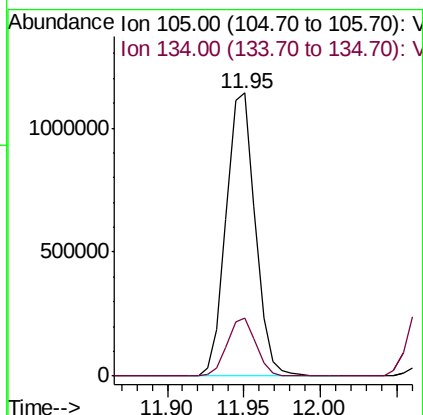
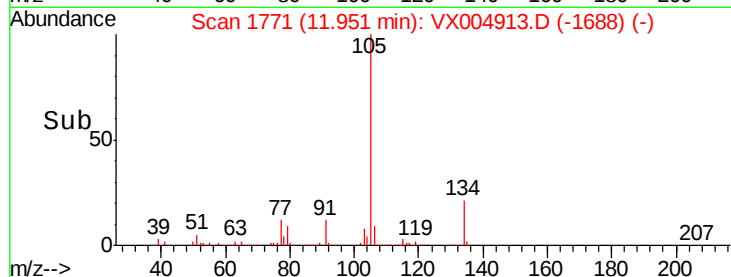
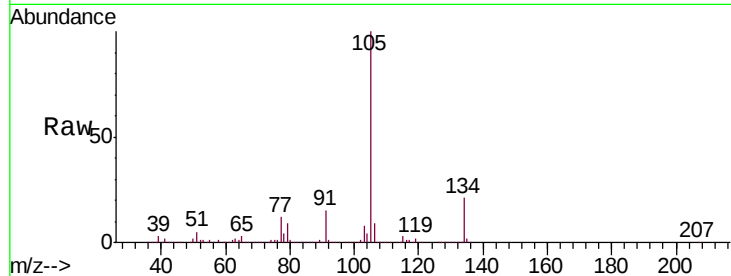




#81
 sec-Butylbenzene
 Concen: 102.838 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

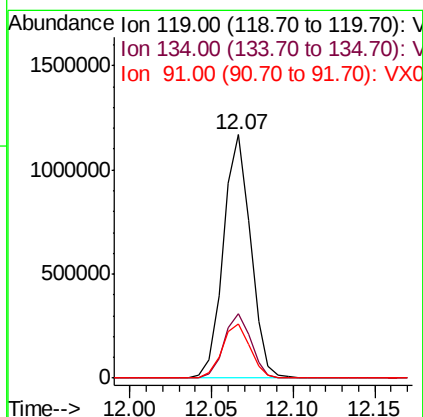
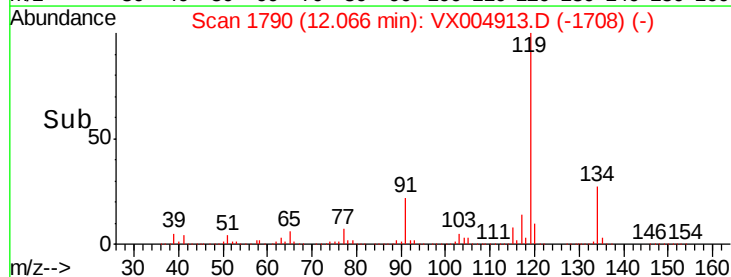
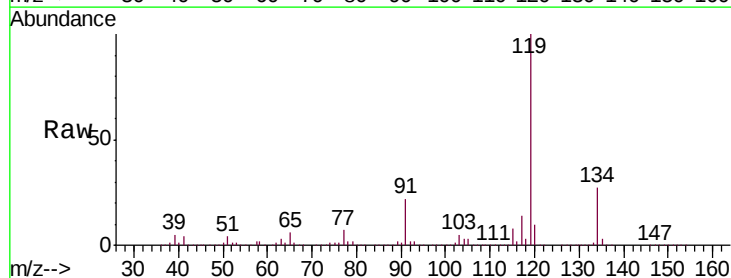
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

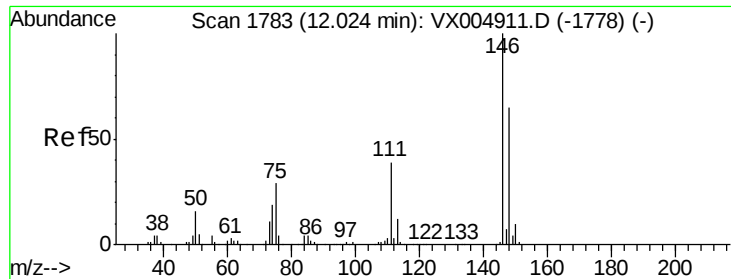
Tgt Ion:105 Resp: 1504356
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 103.290 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion:119 Resp: 1358448
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.8
 91 22.9 0.0 45.8

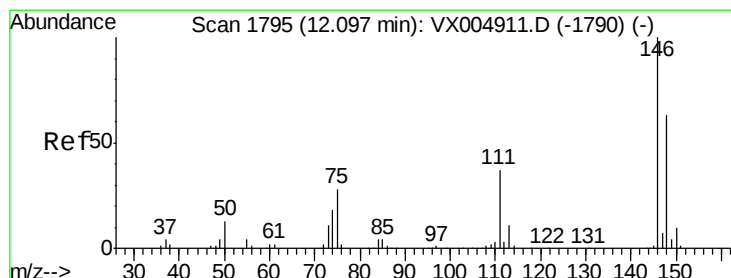
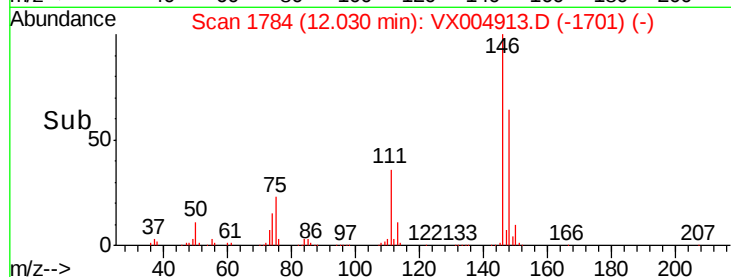
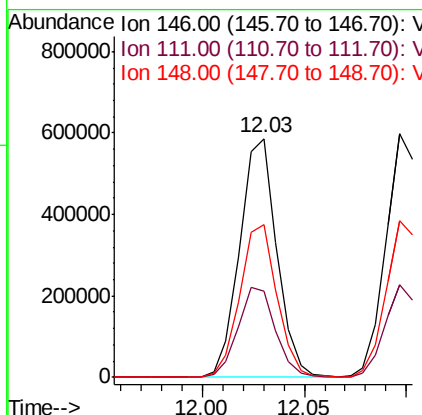
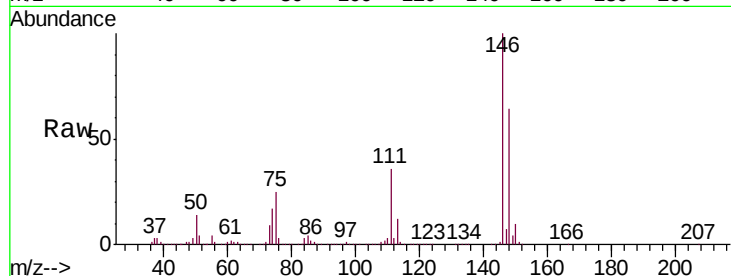




#83
 1,3-Dichlorobenzene
 Concen: 101.780 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

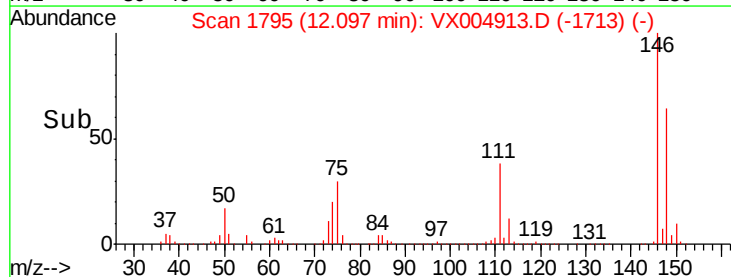
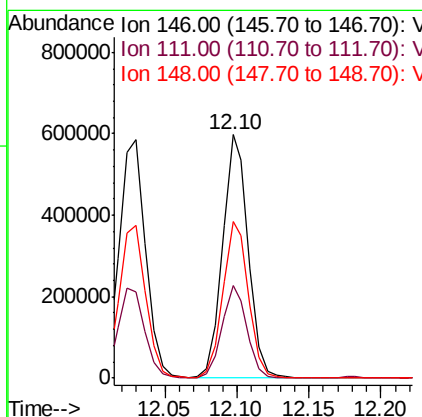
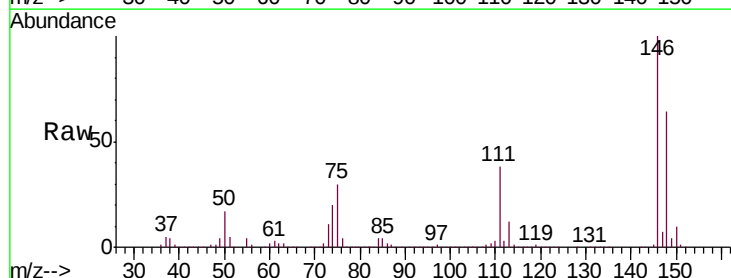
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

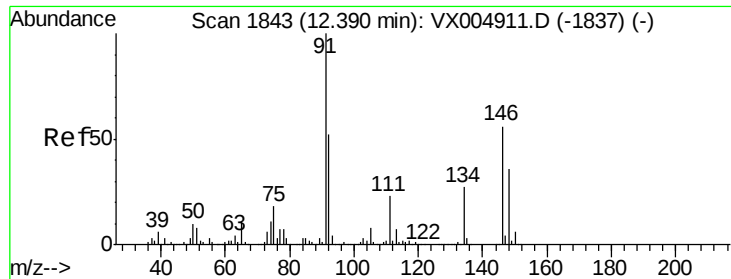
Tgt Ion:146 Resp: 743067
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.3 57.8
 148 64.1 32.4 97.2



#84
 1,4-Dichlorobenzene
 Concen: 100.761 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion:146 Resp: 746516
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.4
 148 64.5 31.9 95.7

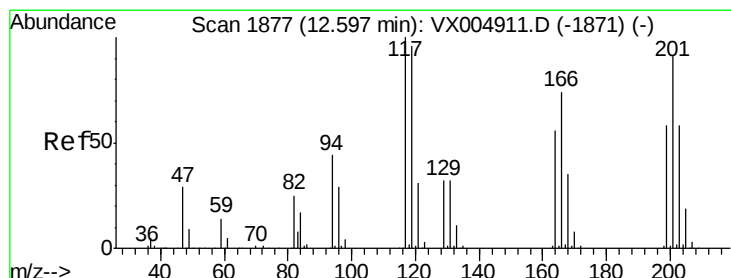
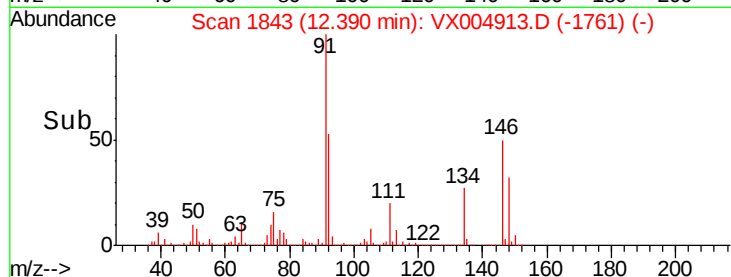
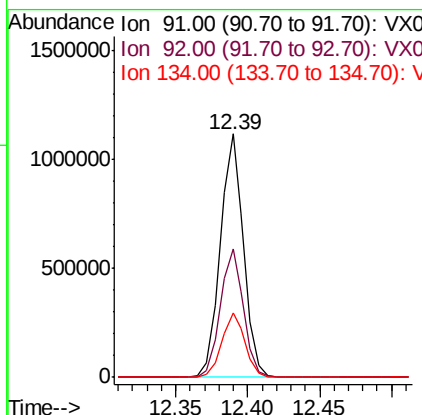
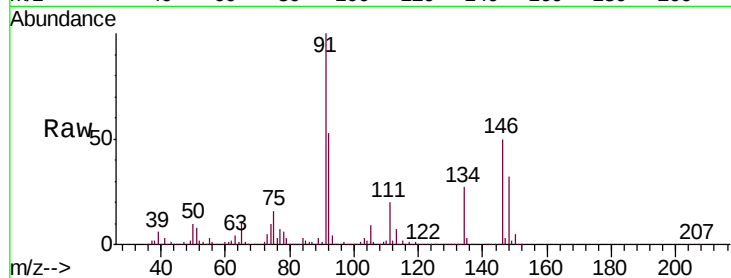




#85
n-Butylbenzene
Concen: 105.456 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

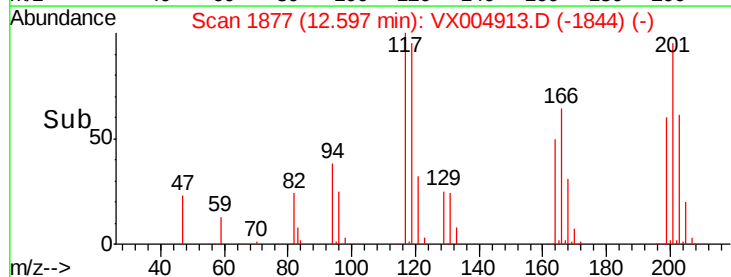
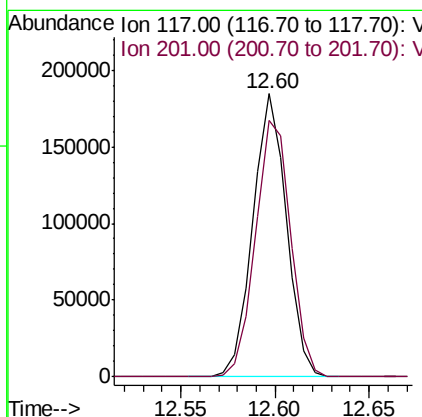
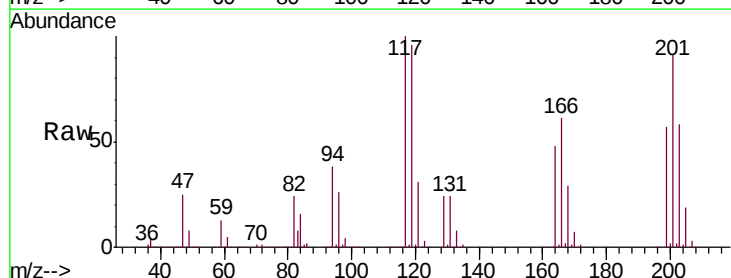
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

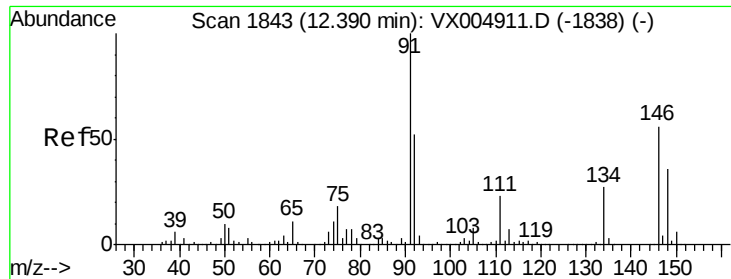
Tgt Ion: 91 Resp: 1259707
Ion Ratio Lower Upper
91 100
92 52.7 0.0 103.6
134 26.5 0.0 52.2



#86
Hexachloroethane
Concen: 105.049 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion: 117 Resp: 227574
Ion Ratio Lower Upper
117 100
201 95.4 47.1 141.4

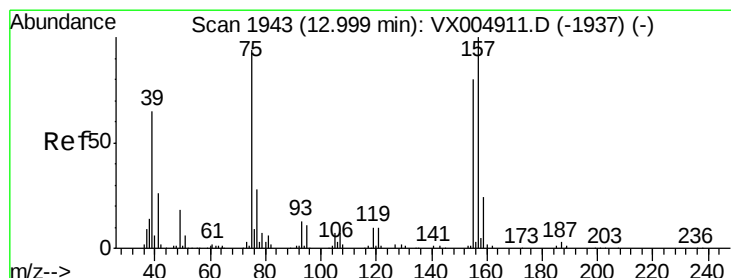
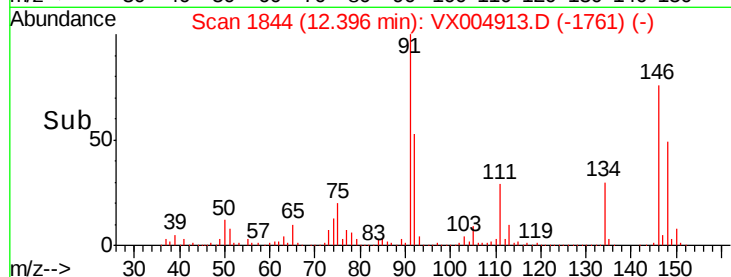
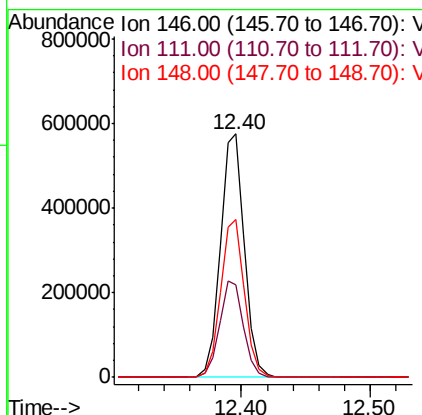
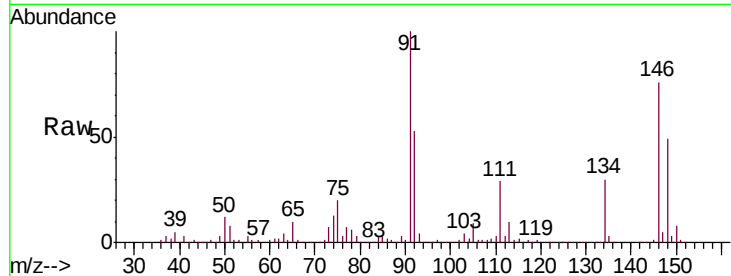




#87
 1,2-Dichlorobenzene
 Concen: 101.152 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

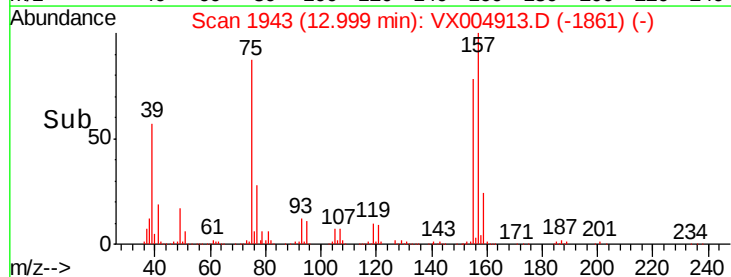
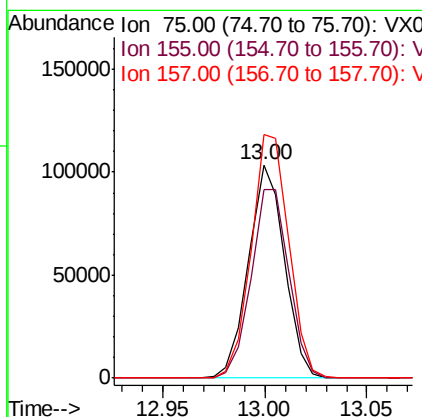
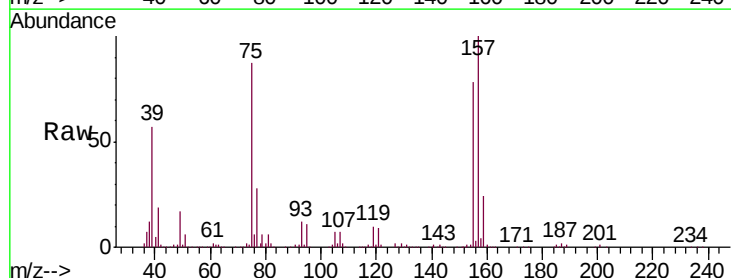
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

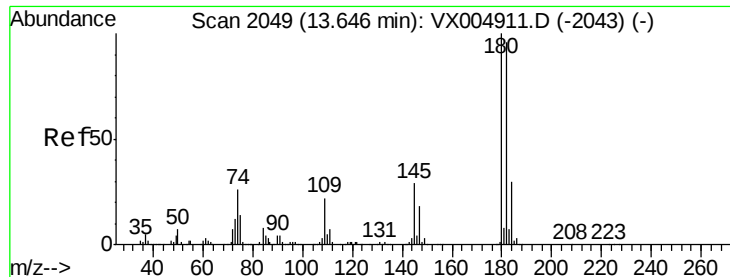
Tgt Ion:146 Resp: 750691
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.3 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 103.423 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion: 75 Resp: 127494
 Ion Ratio Lower Upper
 75 100
 155 93.0 71.6 107.4
 157 119.0 91.3 136.9

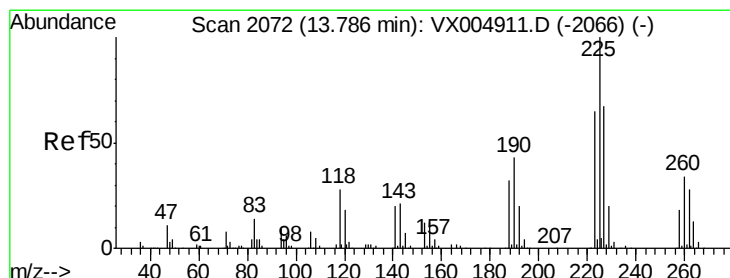
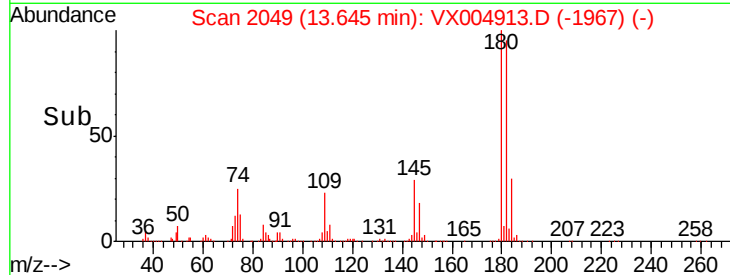
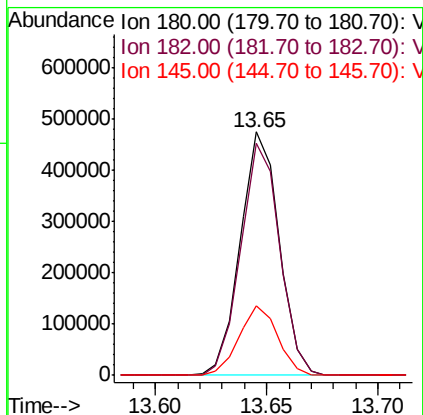
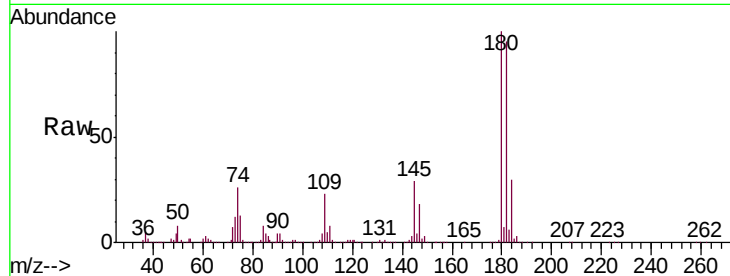




#89
 1,2,4-Trichlorobenzene
 Concen: 104.360 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

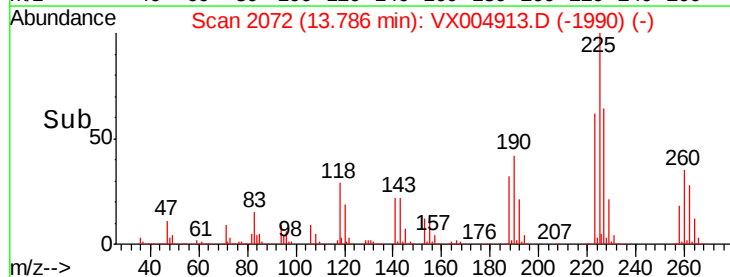
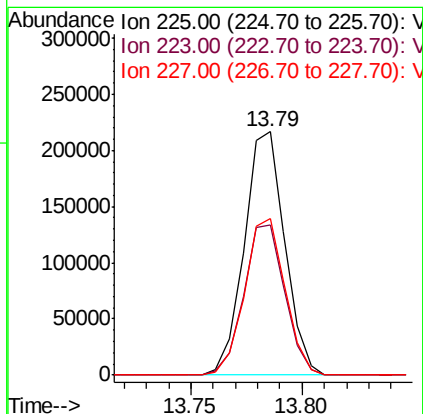
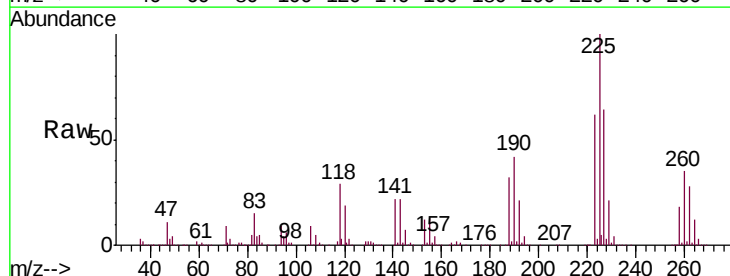
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

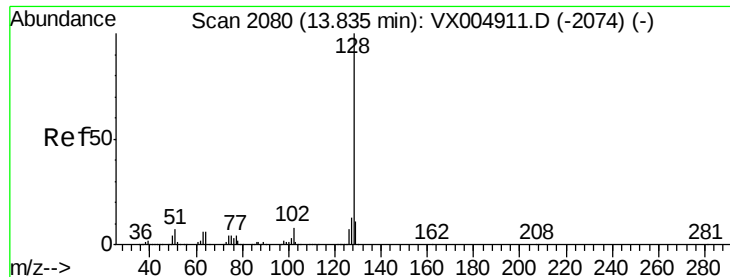
Tgt Ion:180 Resp: 577756
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.8 115.2
 145 28.4 22.6 33.8



#90
 Hexachlorobutadiene
 Concen: 100.680 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004913.D
 Acq: 02 Oct 2018 11:25

Tgt Ion:225 Resp: 275171
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 126.6
 227 64.1 0.0 129.6

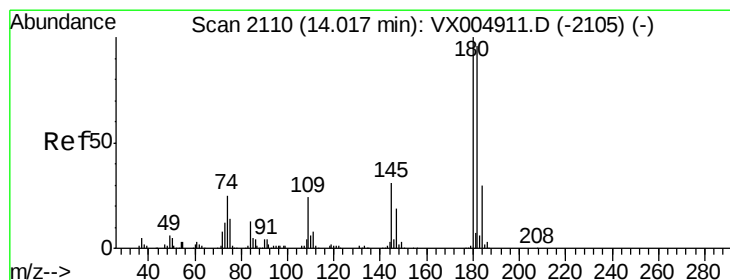
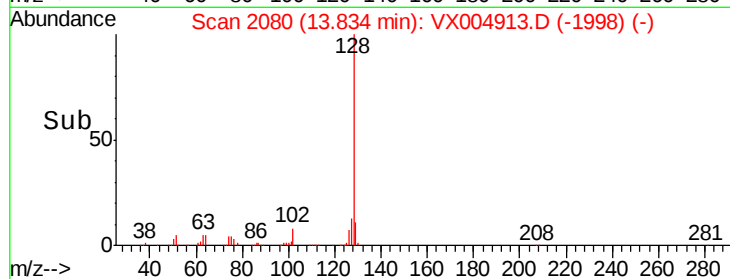
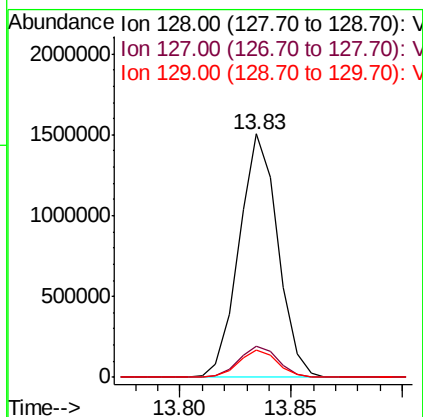
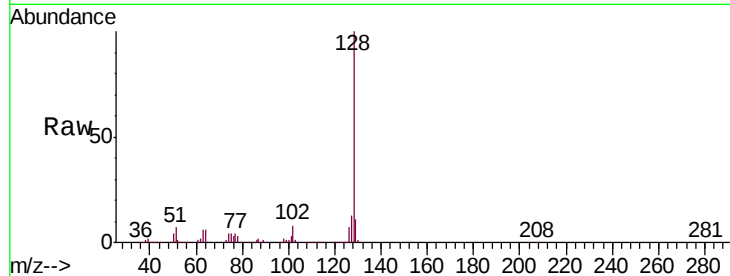




#91
Naphthalene
Concen: 106.154 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1827353
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 102.382 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004913.D
Acq: 02 Oct 2018 11:25

Tgt Ion:180 Resp: 581208
Ion Ratio Lower Upper
180 100
182 95.9 0.0 192.2
145 29.9 0.0 60.4

