

Data File : VX001959.D

Acq On : 24 May 2018 23:52

Operator : JC/MD

Sample : VSTDICC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 25 01:59:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 01:52:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	66509	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	381639	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	353772	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	158473	32.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.03%
60) 4-Bromofluorobenzene	11.14	95	185859	32.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	109.40%
63) Toluene-d8	8.72	98	465760	29.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	351567	111.49	ug/l	100
3) Chloromethane	1.32	50	414445	115.56	ug/l	99
4) Vinyl Chloride	1.40	62	416713	112.39	ug/l	99
5) Bromomethane	1.64	94	214767	117.71	ug/l	99
6) Chloroethane	1.71	64	243047	100.53	ug/l	98
7) Trichlorofluoromethane	1.92	101	629554	116.11	ug/l	100
8) Diethyl Ether	2.19	74	233924	102.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	340801	114.49	ug/l	98
10) 1,1-Dichloroethene	2.37	96	327970	107.54	ug/l	97
11) Methyl Iodide	2.51	142	569573	126.29	ug/l	97
12) Methyl Acetate	2.79	43	524464	102.39	ug/l	97
13) Acrolein	2.30	56	214343	383.37	ug/l	99
14) Acrylonitrile	3.16	53	1078869	522.46	ug/l	99
15) Acetone	2.46	58	283254	510.91	ug/l	99
16) Carbon Disulfide	2.57	76	933829	119.34	ug/l	100
17) Allyl chloride	2.73	41	673797	113.39	ug/l	100
18) Methylene Chloride	2.86	84	365713	102.55	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	345652	104.98	ug/l	98
20) Diisopropyl ether	3.89	45	1278691	114.54	ug/l	98
21) 1,1-Dichloroethane	3.70	63	679794	108.13	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	413483	110.12	ug/l	80
23) tert-Butyl Alcohol	3.10	59	544548	569.94	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	1264372	112.22	ug/l	99
25) Chloroform	5.23	83	727385	111.84	ug/l	100
26) Cyclohexane	5.57	56	640091	132.43	ug/l	# 98
29) 1,1-Dichloropropene	5.81	75	529982	110.69	ug/l	100
30) 2-Butanone	4.73	43	1782777	554.85	ug/l	99
31) 2,2-Dichloropropane	4.59	77	445796	106.72	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	678746	110.91	ug/l	99
33) Carbon Tetrachloride	5.79	117	622673	114.16	ug/l	97
34) Benzene	6.15	78	1578660	104.06	ug/l	98
35) Methacrylonitrile	5.08	41	397296	113.79	ug/l	99
36) 1,2-Dichloroethane	6.21	62	620250	103.80	ug/l	100
37) Trichloroethene	7.22	130	454497	102.49	ug/l	94
38) Methylcyclohexane	7.46	83	625075	119.79	ug/l	99
39) 1,2-Dichloropropane	7.52	63	421738	108.89	ug/l	97
40) Dibromomethane	7.67	93	284998	104.34	ug/l	98

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 25 01:59:03 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 01:52:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	594580	112.88	ug/l	98
42) Vinyl Acetate	3.84	43	5658130	535.24	ug/l	99
43) Ethyl Acetate	4.88	43	701681	113.58	ug/l	97
44) Isopropyl Acetate	6.48	43	1187615	122.57	ug/l	99
45) 1,4-Dioxane	7.77	88	223476	2071.44	ug/l #	91
46) Methyl methacrylate	7.79	41	600250	116.92	ug/l	99
47) n-amyl Acetate	10.90	43	1118566	131.72	ug/l #	91
48) t-1,3-Dichloropropene	8.45	75	677630	115.87	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	658219	124.66	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	416002	104.42	ug/l	98
51) Ethyl methacrylate	9.19	69	720406	118.64	ug/l	97
52) 1,3-Dichloropropane	9.38	76	693935	104.58	ug/l	99
53) Dibromochloromethane	9.59	129	517973	119.76	ug/l	99
54) 1,2-Dibromoethane	9.68	107	449184	106.21	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	1648812	523.09	ug/l	99
56) Bromoform	10.87	173	466775	129.47	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	3636490	556.07	ug/l	98
59) 2-Hexanone	9.51	43	2838117	575.94	ug/l	99
61) Tetrachloroethene	9.34	164	516782	101.52	ug/l	99
62) Toluene	8.79	91	1766539	104.68	ug/l	99
64) Chlorobenzene	10.15	112	1146297	104.12	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	462741	108.88	ug/l	100
66) Ethyl Benzene	10.26	91	1992402	112.00	ug/l	99
67) m/p-Xylenes	10.37	106	1534587	219.27	ug/l	100
68) o-Xylene	10.71	106	762163	109.29	ug/l	99
69) Styrene	10.72	104	1300600	113.10	ug/l	99
70) Isopropylbenzene	11.02	105	2047339	113.62	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	643237	107.71	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	810709	137.56	ug/l	93
73) Bromobenzene	11.26	156	563940	105.73	ug/l	97
74) n-propylbenzene	11.37	91	2345304	118.06	ug/l	99
75) 2-Chlorotoluene	11.43	91	1417140	114.13	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	1755262	115.54	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	220110	134.84	ug/l	99
78) 4-Chlorotoluene	11.52	91	1647209	116.92	ug/l	99
79) tert-butylbenzene	12.07	119	1893442	118.45	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	1787313	115.60	ug/l	99
81) sec-Butylbenzene	11.95	105	2086313	118.21	ug/l	99
82) p-Isopropyltoluene	12.07	119	1893442	118.45	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	1016077	109.39	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	1025735	110.11	ug/l	100
85) n-Butylbenzene	12.40	91	1638282	127.04	ug/l	99
86) Hexachloroethane	12.60	117	371382	137.27	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	1039443	108.11	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	187416	127.52	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	766844	112.01	ug/l	100
90) Hexachlorobutadiene	13.79	225	401454	114.38	ug/l	99
91) Naphthalene	13.84	128	2325543	111.49	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	780012	107.83	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

Data File : VX001959.D
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Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 25 01:59:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 01:52:03 2018
Response via : Initial Calibration

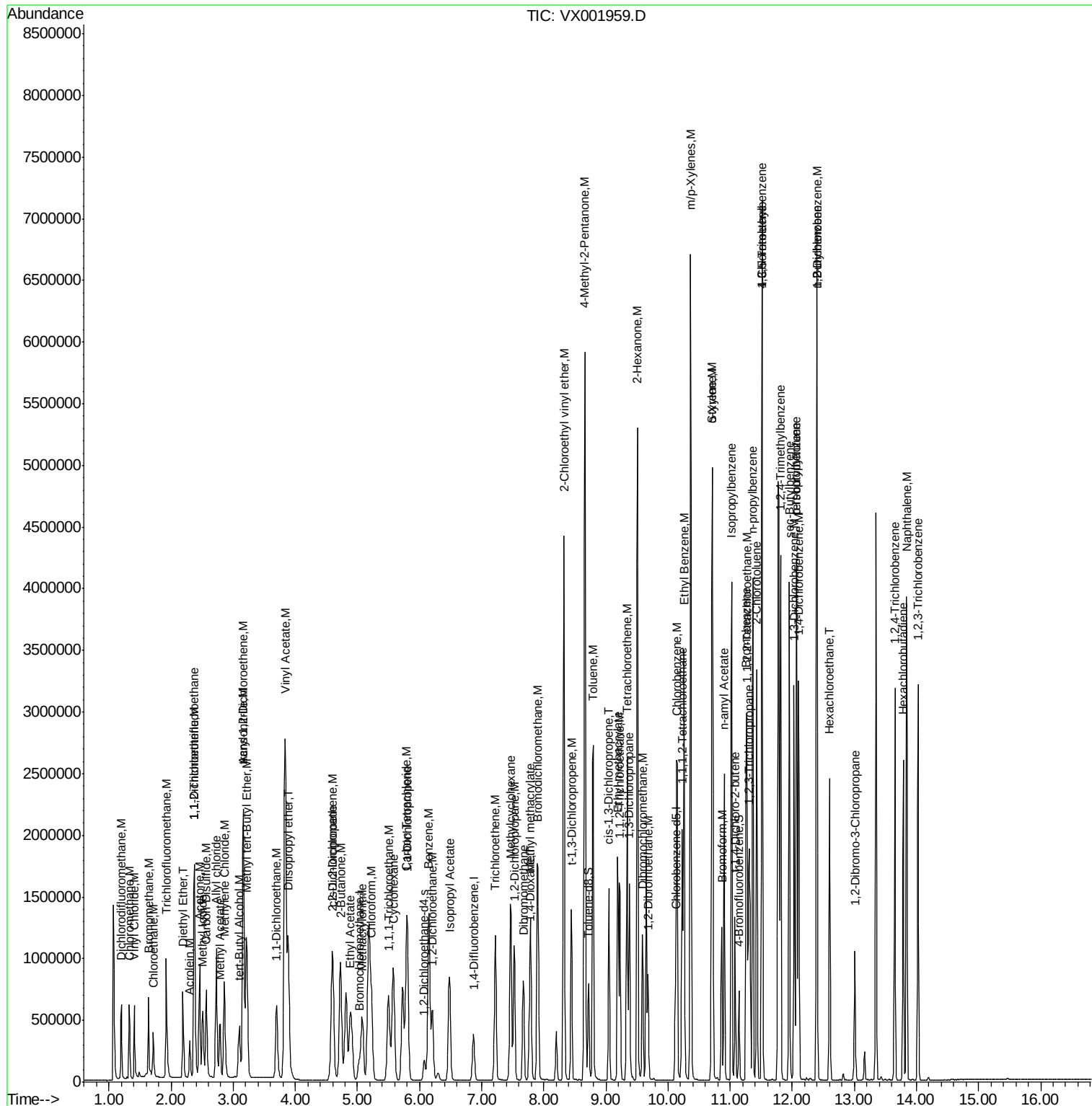
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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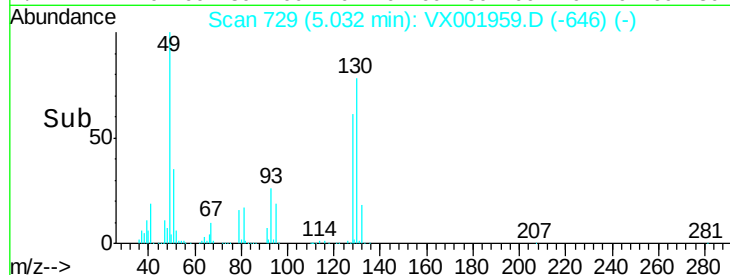
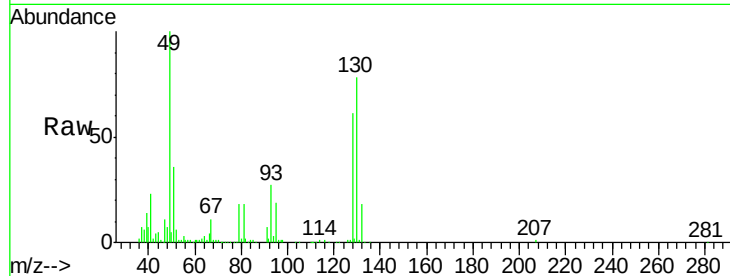
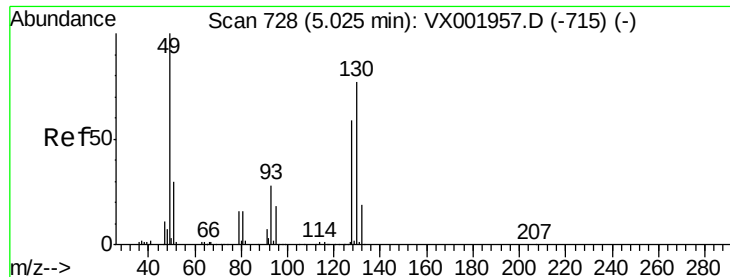
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 27      Sample Multiplier: 1
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VSTDICC100

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

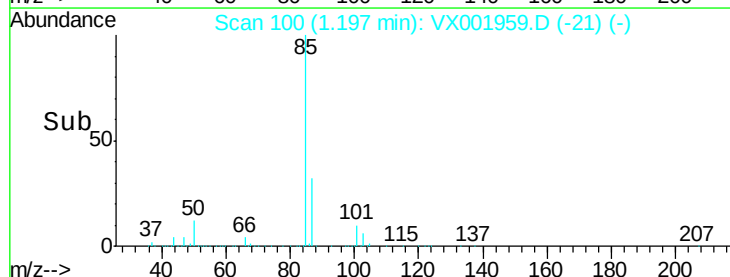
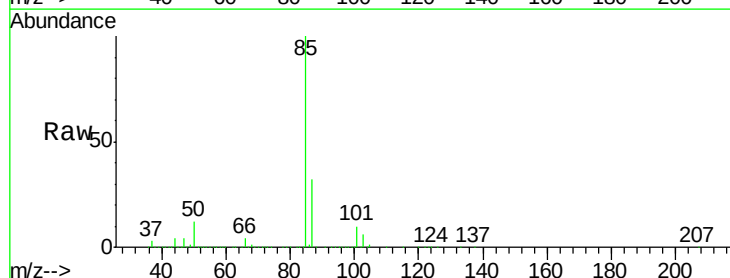
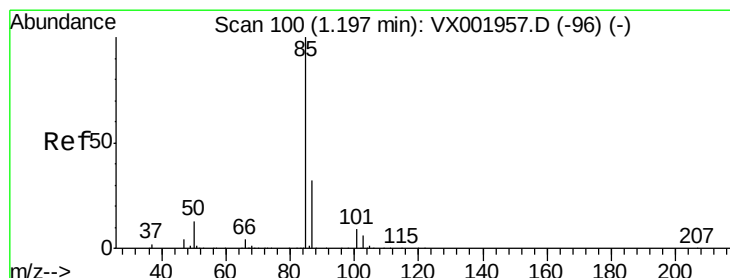
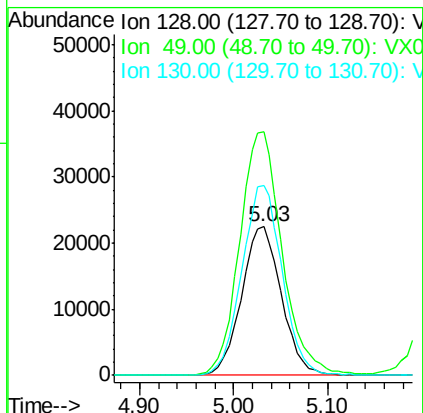
Tgt Ion:128 Resp: 66509

Ion Ratio Lower Upper

128 100

49 174.5 0.0 423.0

130 129.2 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 111.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001959.D

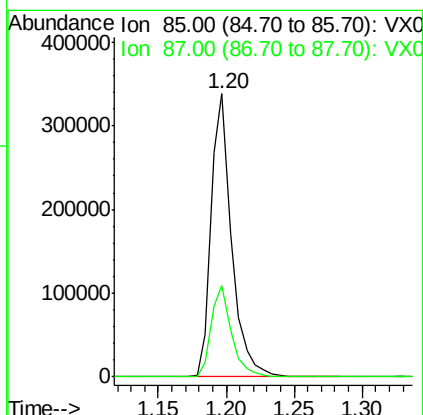
Acq: 24 May 2018 23:52

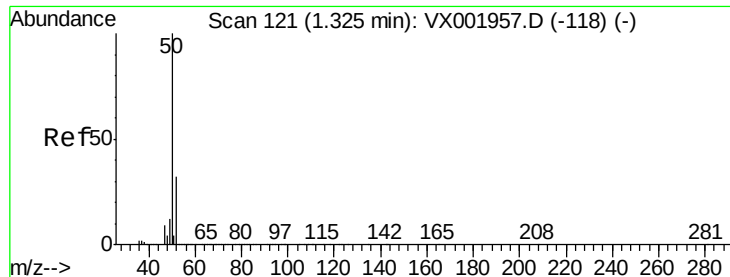
Tgt Ion: 85 Resp: 351567

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5





#3

Chloromethane

Concen: 115.56 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

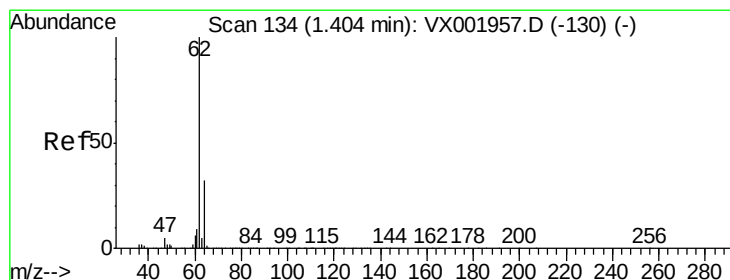
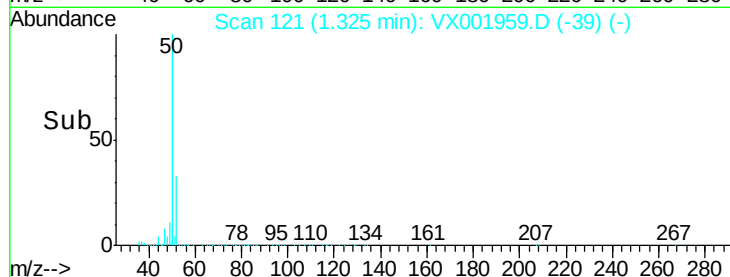
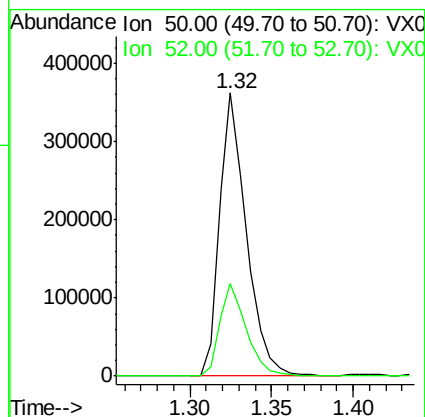
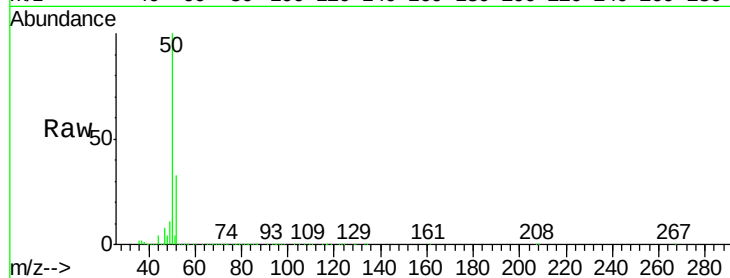
VSTDIC100

Tgt Ion: 50 Resp: 414445

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 112.39 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001959.D

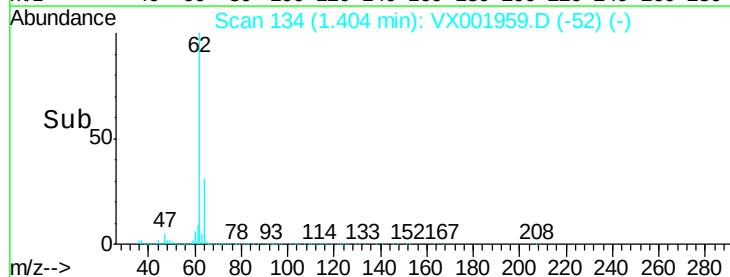
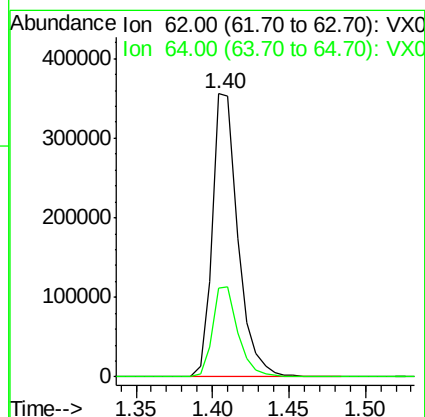
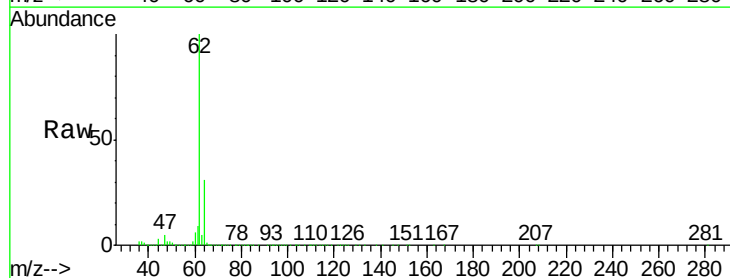
Acq: 24 May 2018 23:52

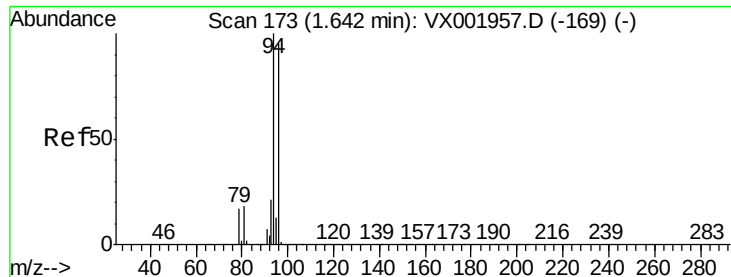
Tgt Ion: 62 Resp: 416713

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 117.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

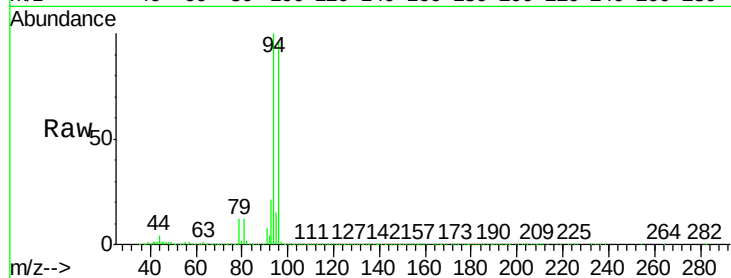
VSTDIC100

Tgt Ion: 94 Resp: 214767

Ion Ratio Lower Upper

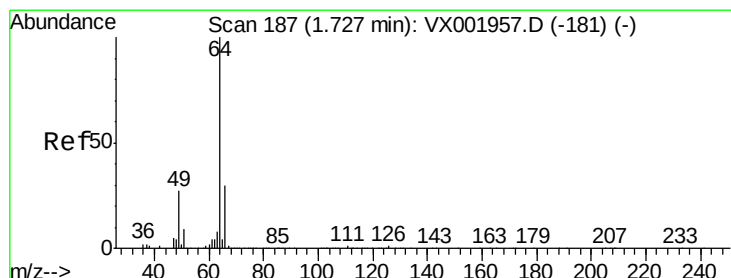
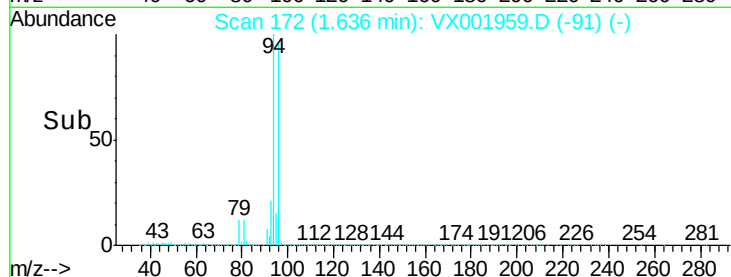
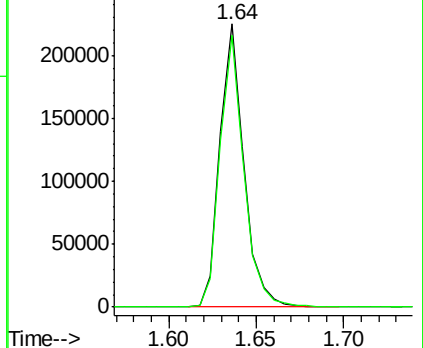
94 100

96 95.9 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 100.53 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX001959.D

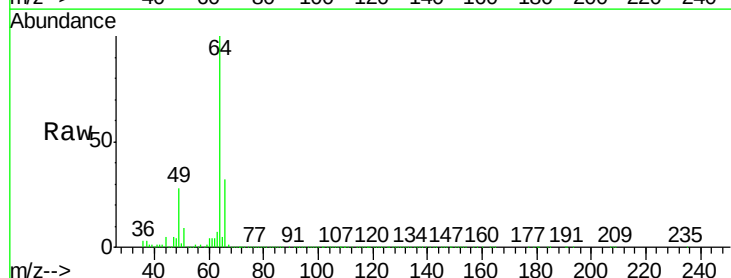
Acq: 24 May 2018 23:52

Tgt Ion: 64 Resp: 243047

Ion Ratio Lower Upper

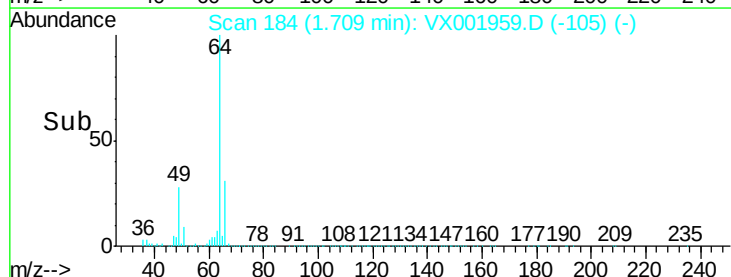
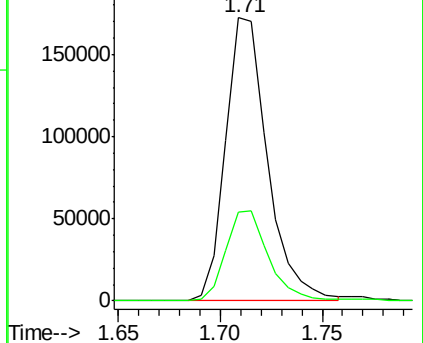
64 100

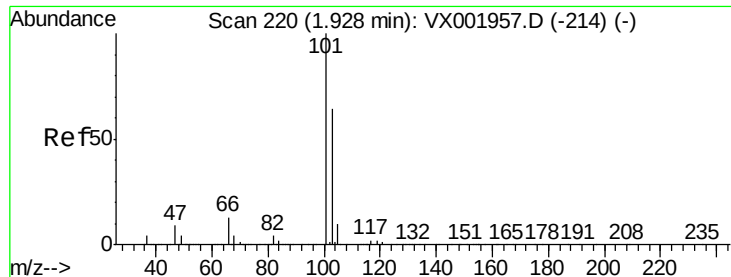
66 31.5 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



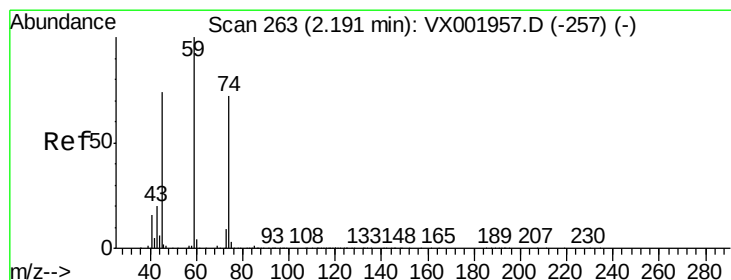
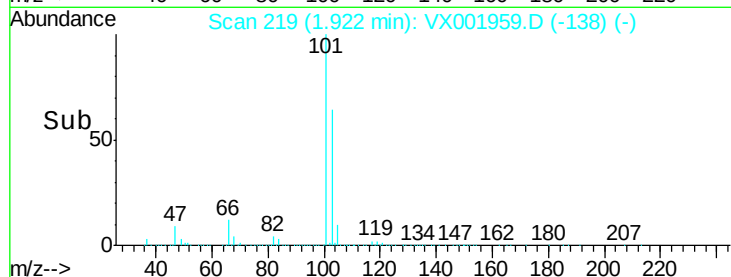
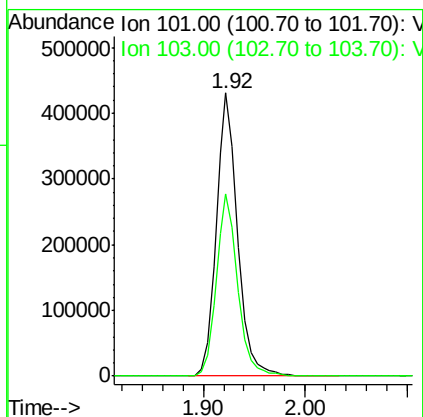
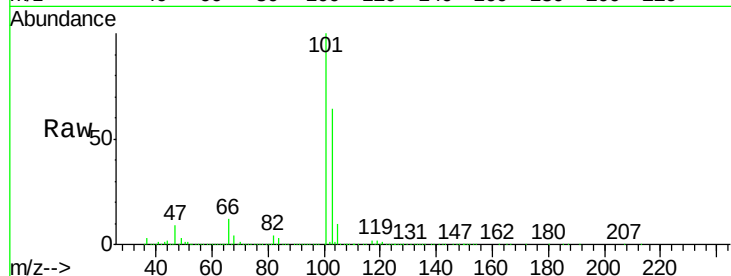


#7

Trichlorofluoromethane
Concen: 116.11 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

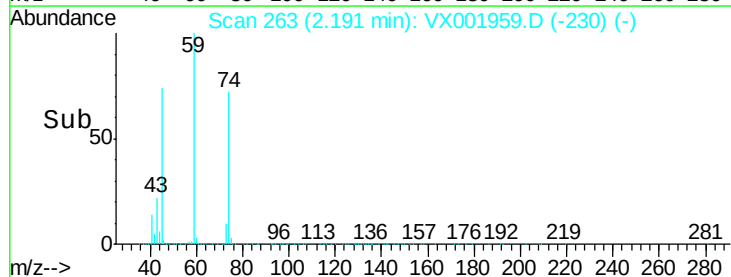
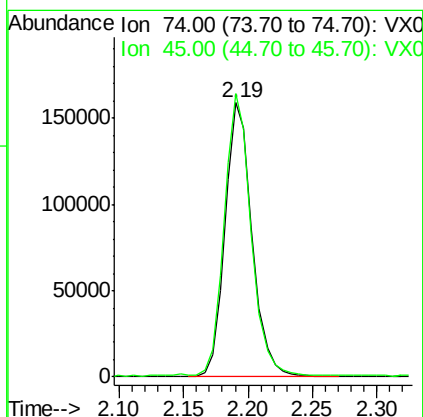
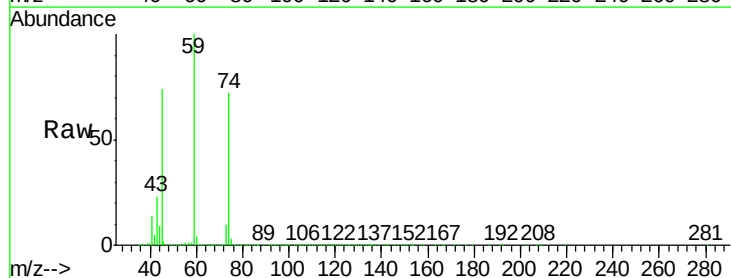
Tgt Ion: 101 Resp: 629554
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

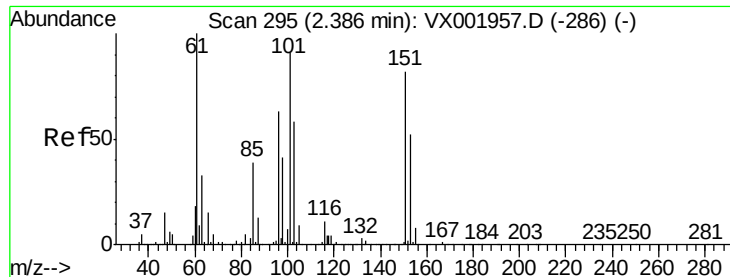


#8

Diethyl Ether
Concen: 102.28 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 74 Resp: 233924
Ion Ratio Lower Upper
74 100
45 102.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 114.49 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

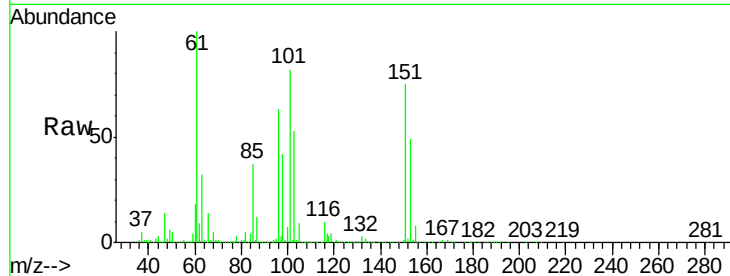
Tgt Ion: 101 Resp: 340801

Ion Ratio Lower Upper

101 100

85 44.4 0.0 87.0

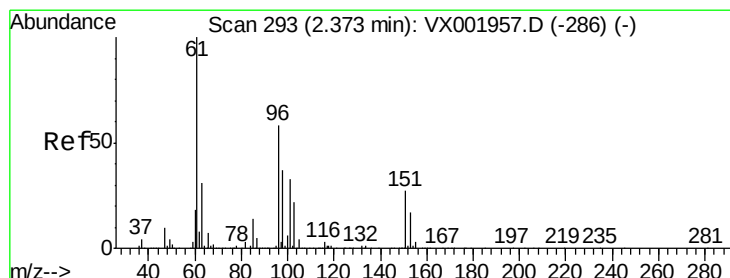
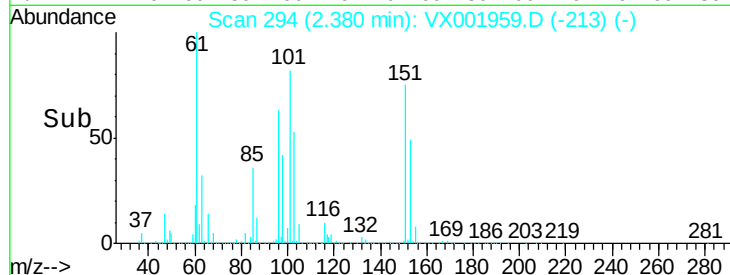
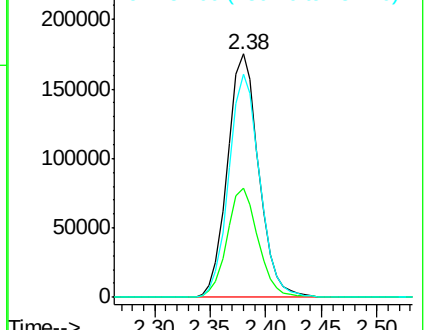
151 90.7 0.0 177.6



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: 107.54 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

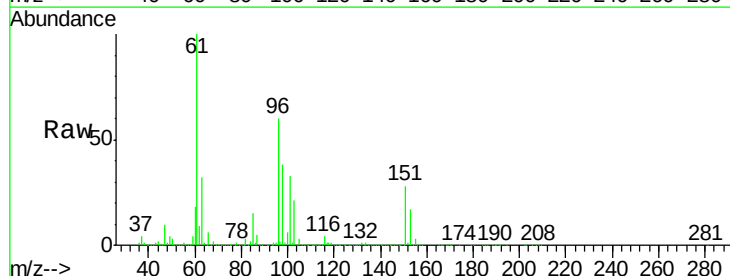
Tgt Ion: 96 Resp: 327970

Ion Ratio Lower Upper

96 100

61 167.3 137.5 206.3

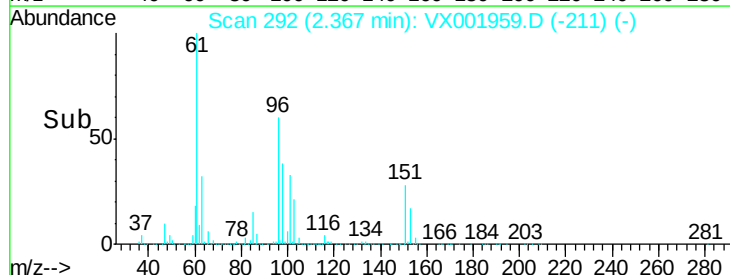
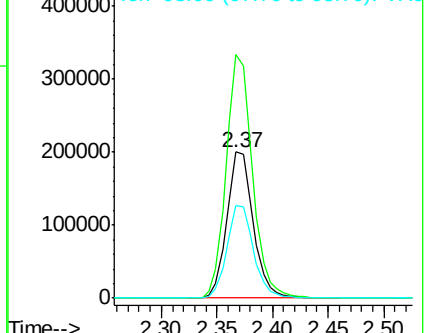
98 63.2 51.4 77.2

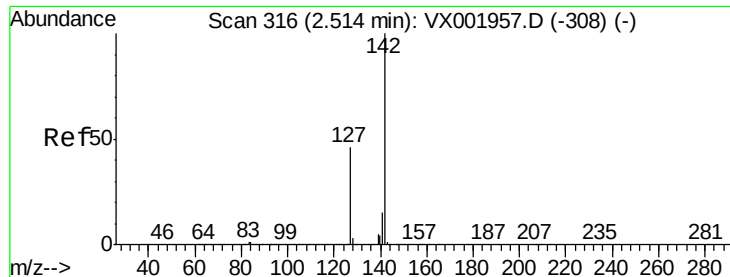


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

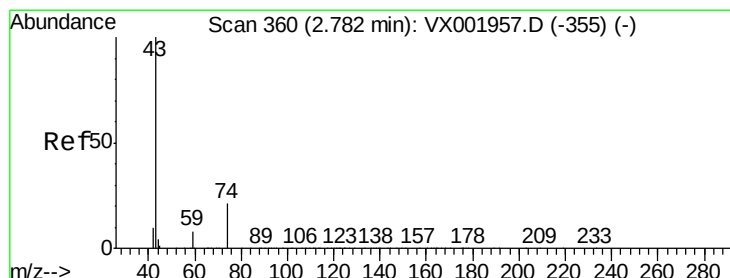
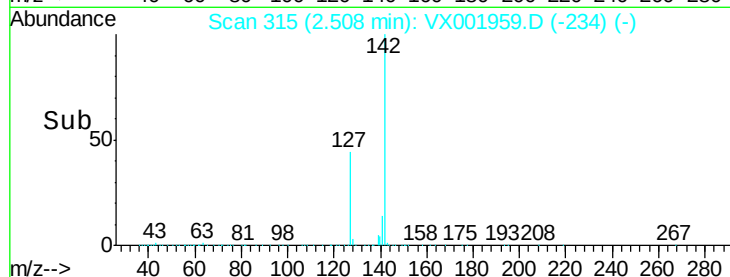
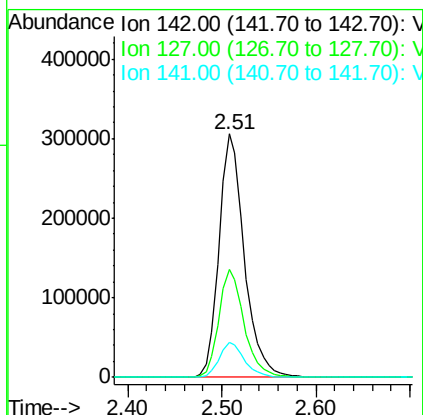
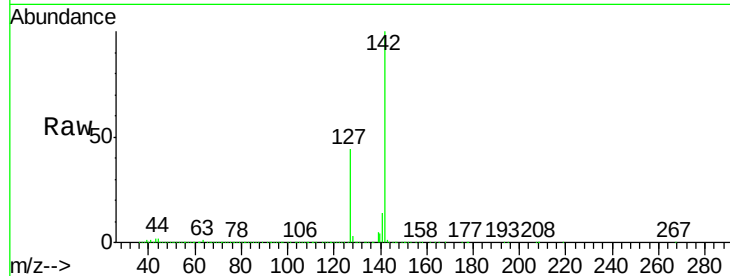




#11
Methyl Iodide
Concen: 126.29 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

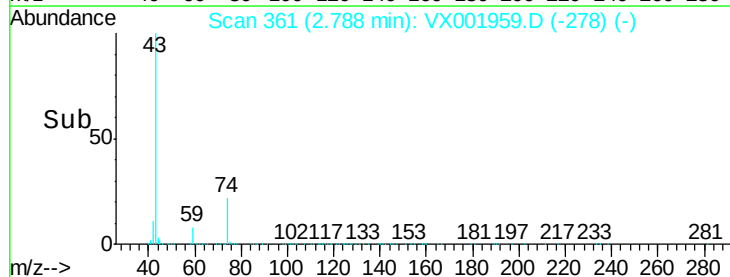
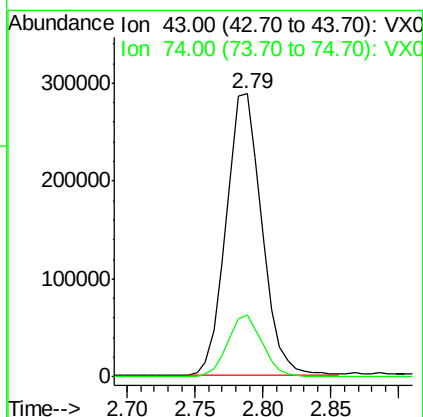
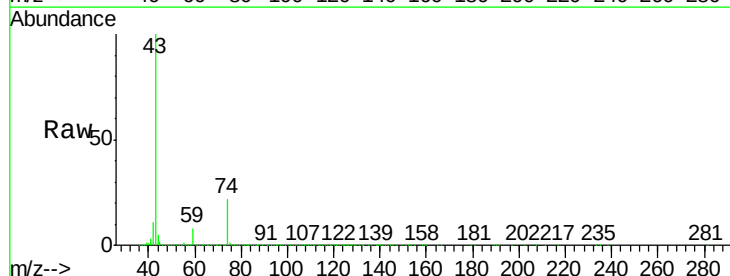
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

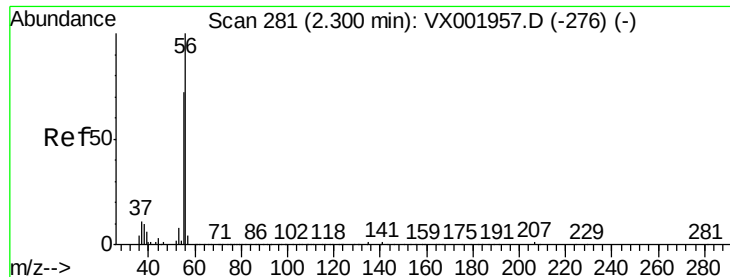
Tgt Ion:142 Resp: 569573
Ion Ratio Lower Upper
142 100
127 44.4 23.2 69.6
141 14.3 7.4 22.2



#12
Methyl Acetate
Concen: 102.39 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 43 Resp: 524464
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6





#13

Acrolein

Concen: 383.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

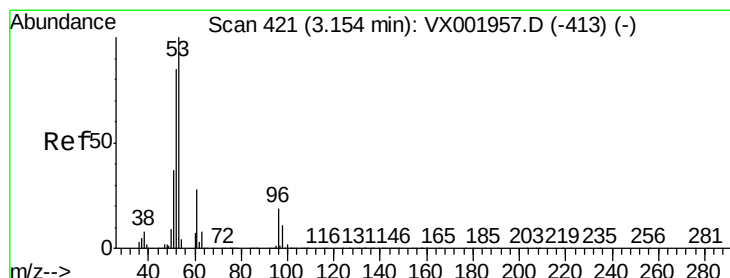
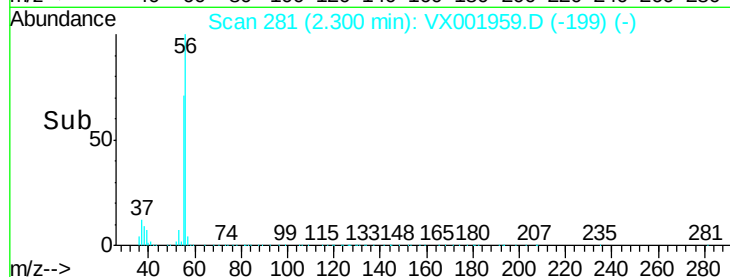
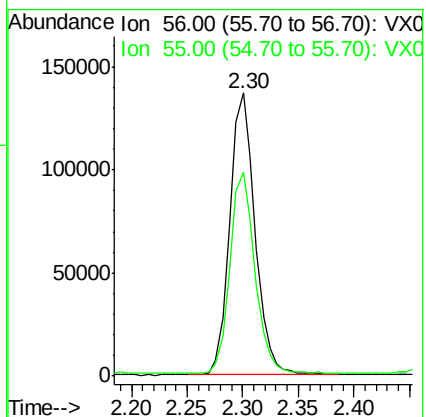
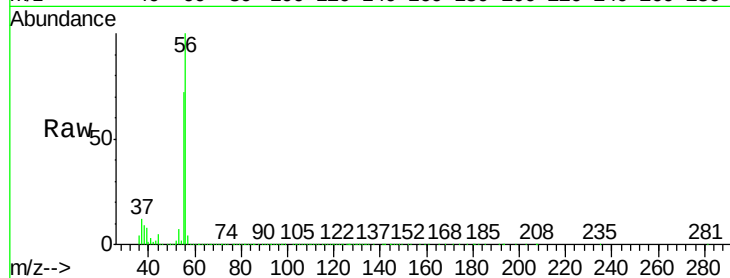
VSTDIC100

Tgt Ion: 56 Resp: 214343

Ion Ratio Lower Upper

56 100

55 70.7 57.3 85.9



#14

Acrylonitrile

Concen: 522.46 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

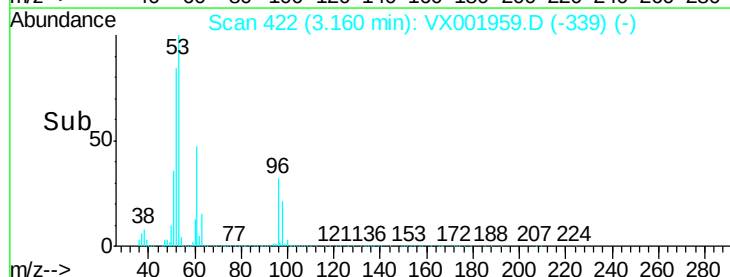
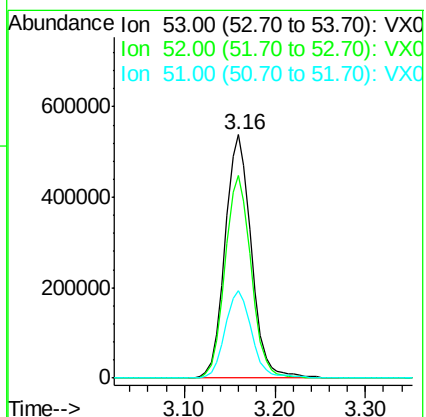
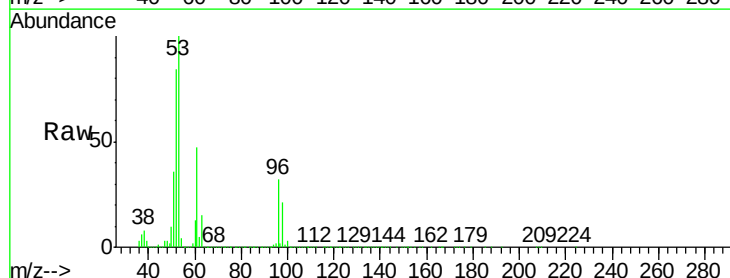
Tgt Ion: 53 Resp: 1078869

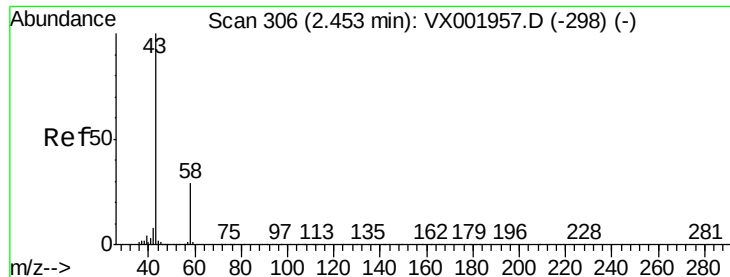
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 36.7 17.9 53.8





#15

Acetone

Concen: 510.91 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

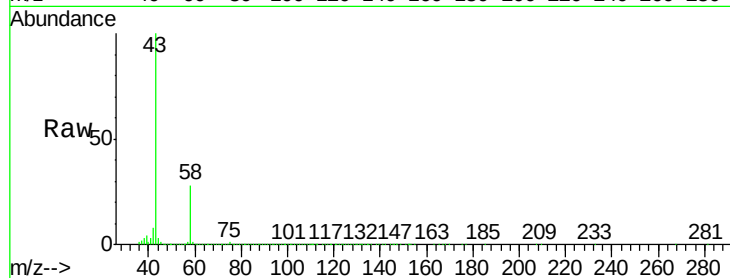
VSTDIC100

Tgt Ion: 58 Resp: 283254

Ion Ratio Lower Upper

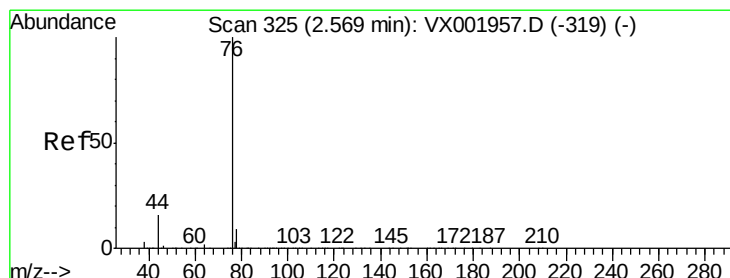
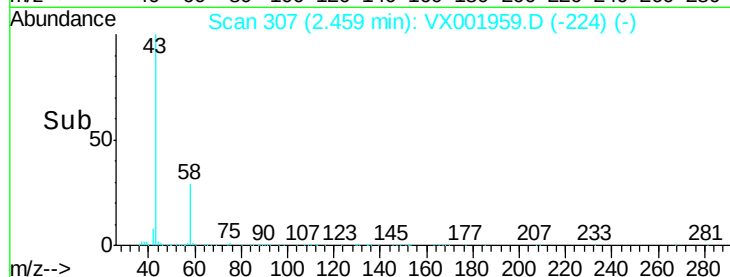
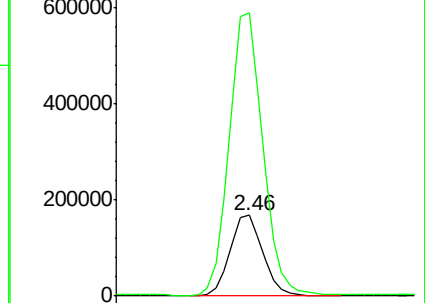
58 100

43 350.3 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 119.34 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001959.D

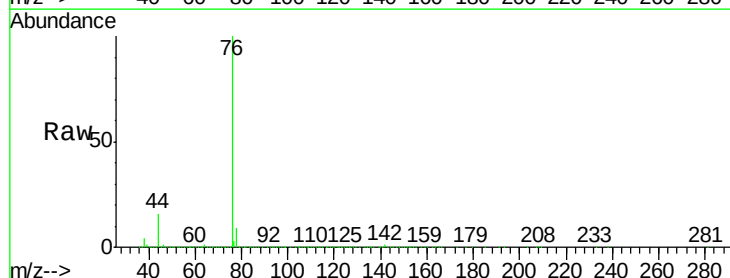
Acq: 24 May 2018 23:52

Tgt Ion: 76 Resp: 933829

Ion Ratio Lower Upper

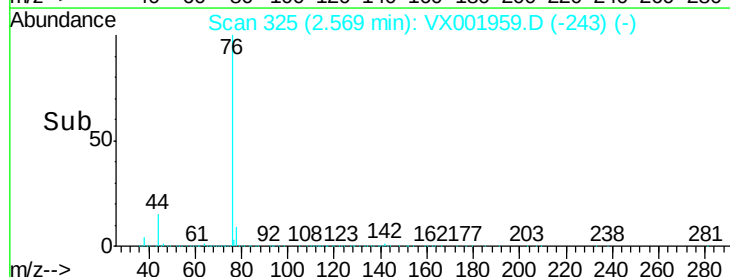
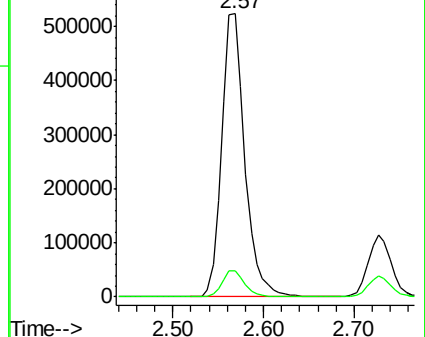
76 100

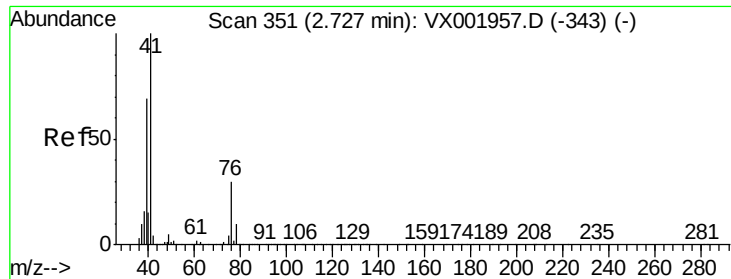
78 9.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

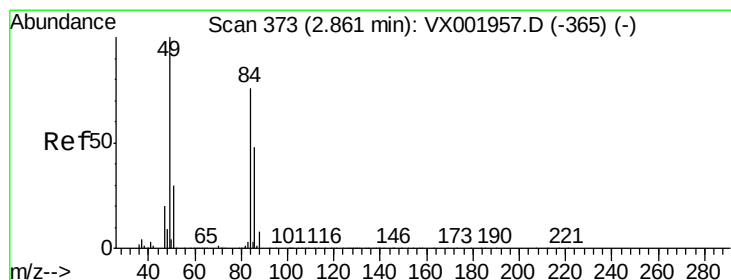
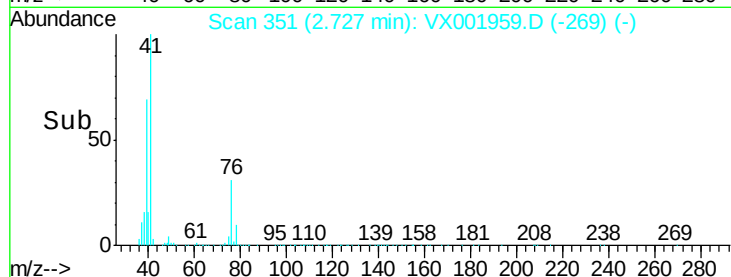
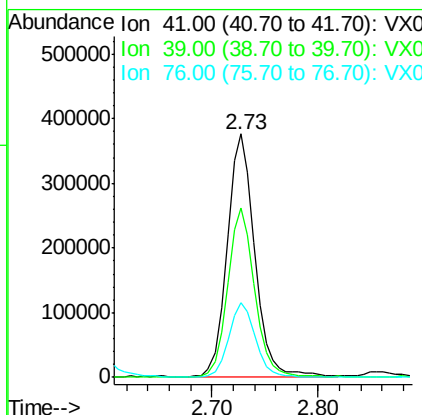
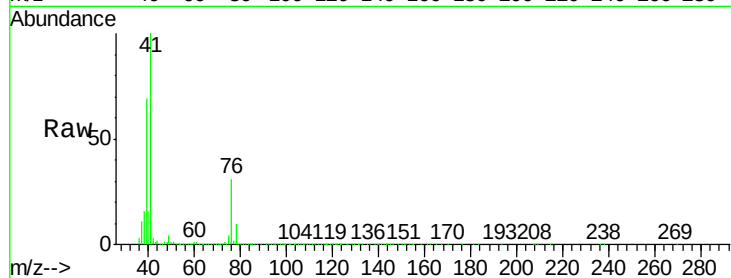




#17
 Allyl chloride
 Concen: 113.39 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

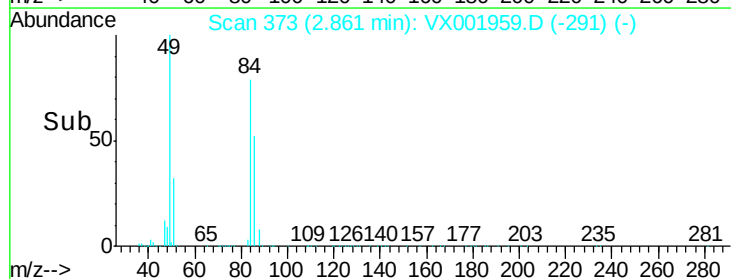
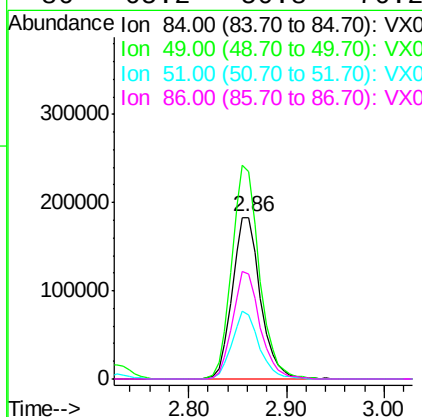
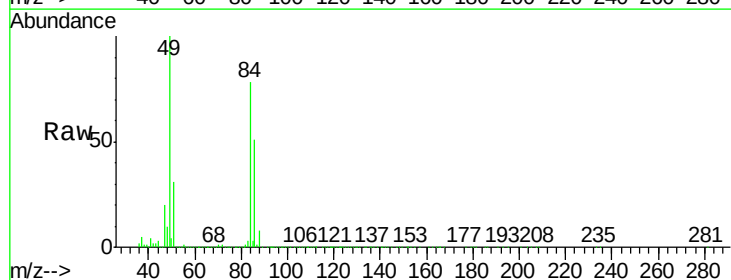
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

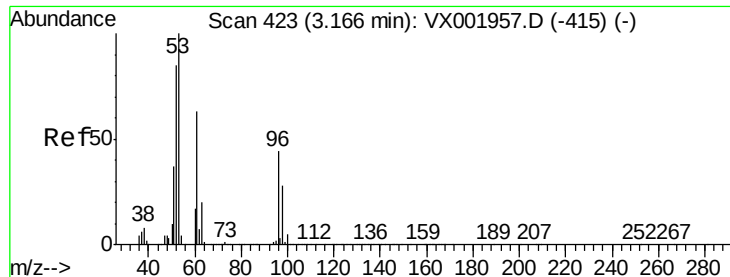
Tgt Ion: 41 Resp: 673797
 Ion Ratio Lower Upper
 41 100
 39 69.3 34.6 103.8
 76 30.6 15.0 45.1



#18
 Methylene Chloride
 Concen: 102.55 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 84 Resp: 365713
 Ion Ratio Lower Upper
 84 100
 49 128.6 104.7 157.1
 51 39.8 31.0 46.4
 86 65.2 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 104.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

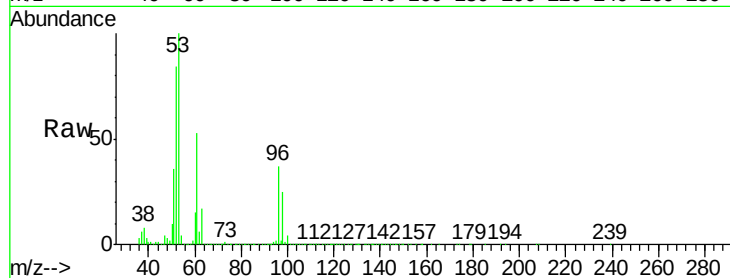
Tgt Ion: 96 Resp: 345652

Ion Ratio Lower Upper

96 100

61 141.0 114.6 172.0

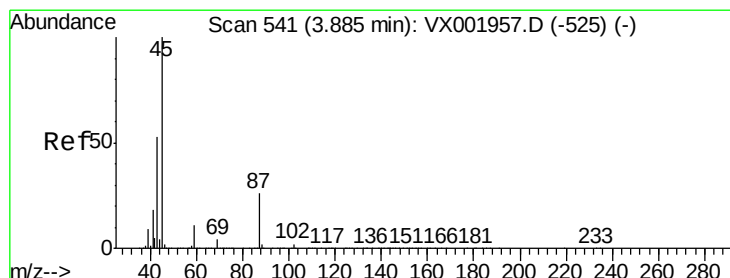
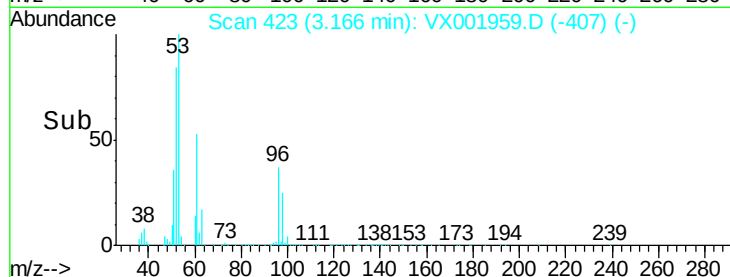
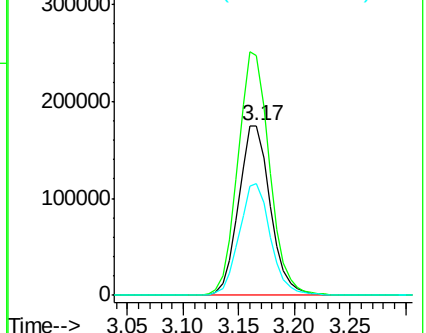
98 65.9 51.3 76.9



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



#20

Diisopropyl ether

Concen: 114.54 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Tgt Ion: 45 Resp: 1278691

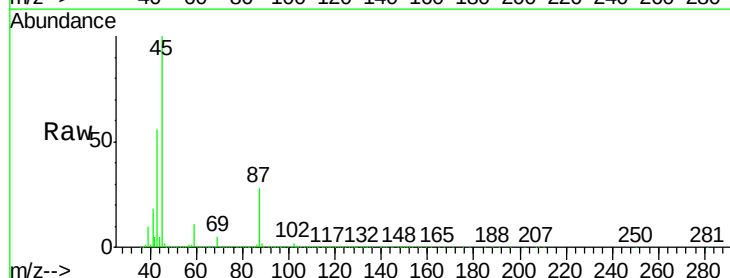
Ion Ratio Lower Upper

45 100

43 55.9 45.6 68.4

87 27.6 20.7 31.1

59 11.1 8.9 13.3

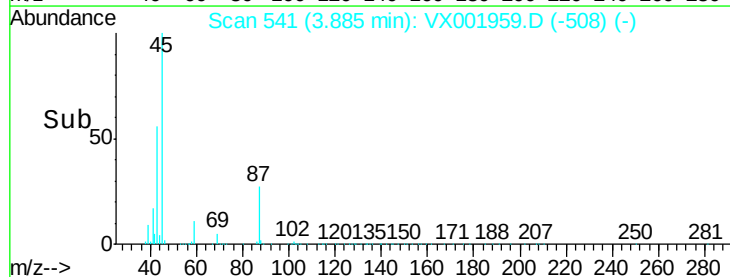
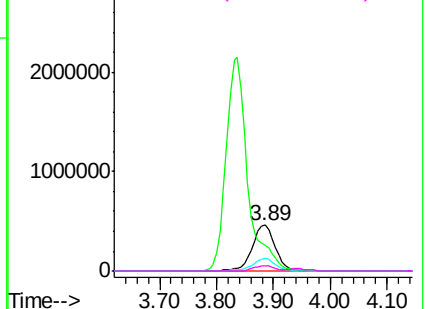


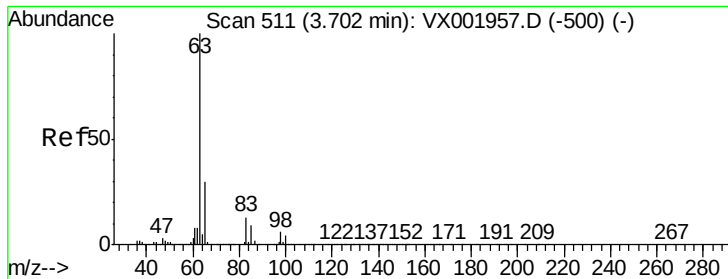
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

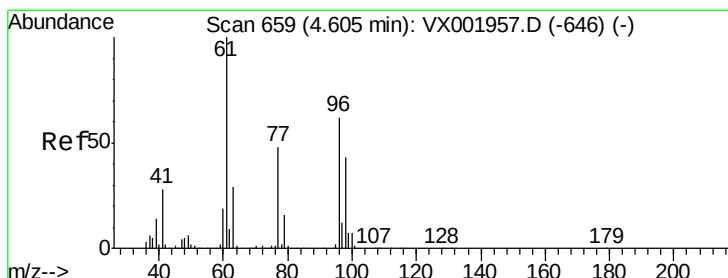
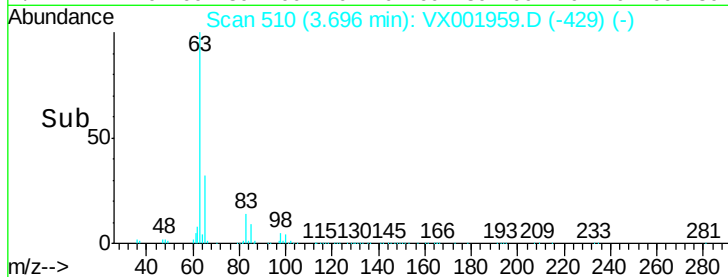
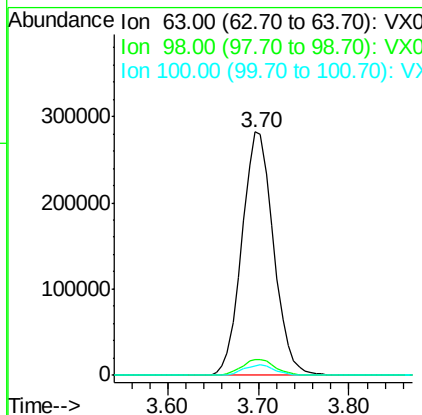
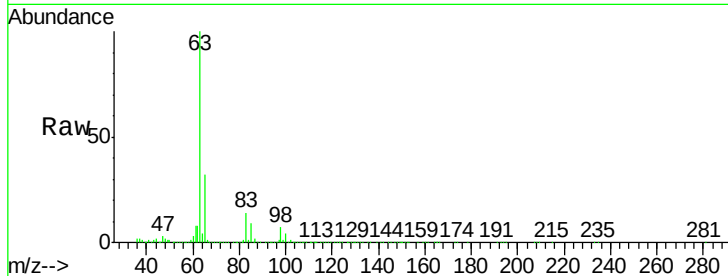




#21
 1,1-Dichloroethane
 Concen: 108.13 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

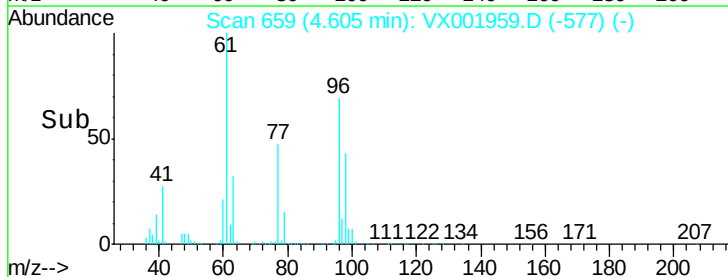
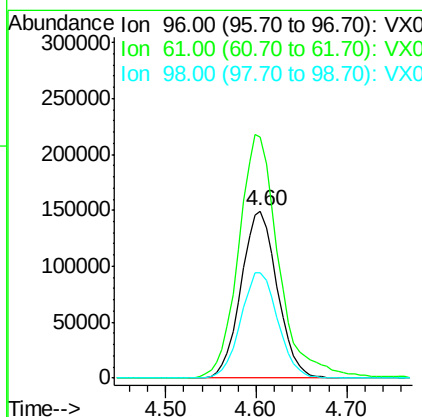
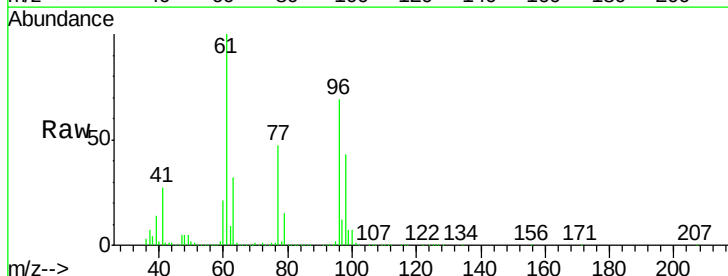
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

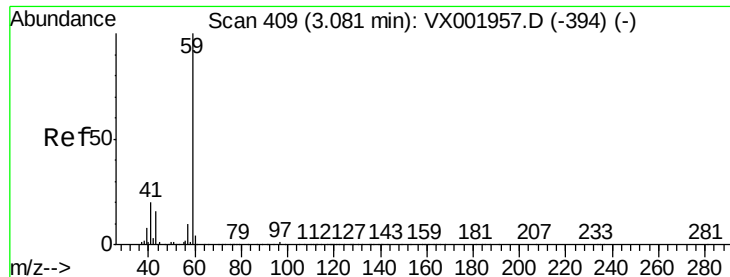
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.3
100	4.1	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 110.12 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	160.2	240.2
98	64.5	54.1	81.1

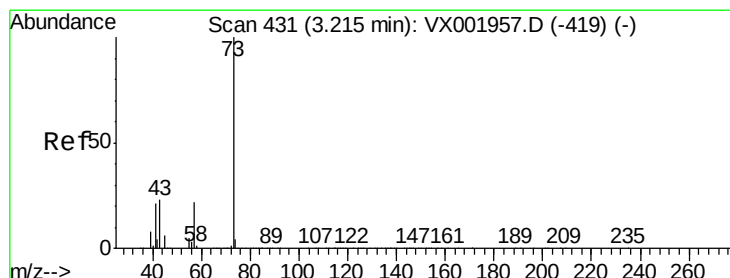
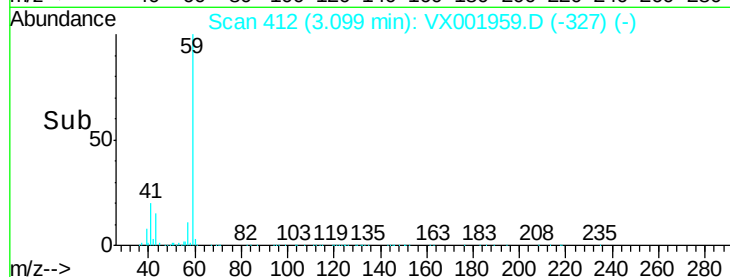
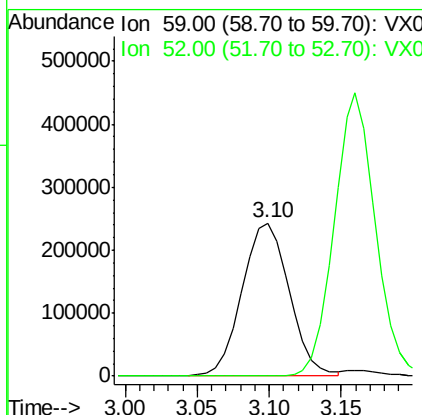
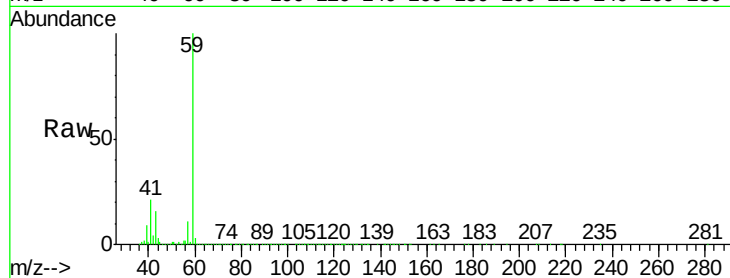




#23
 tert-Butyl Alcohol
 Concen: 569.94 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.02 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

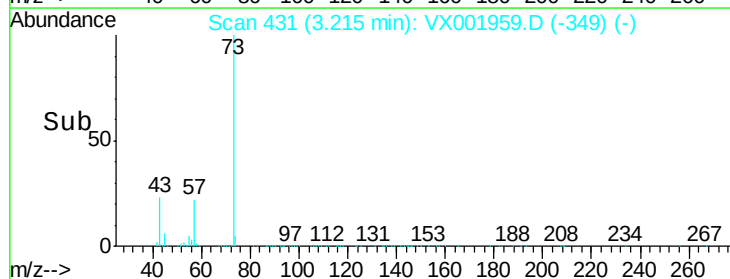
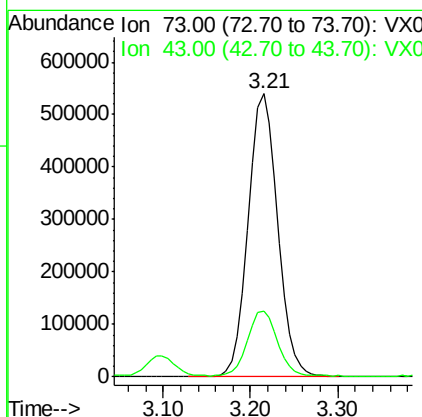
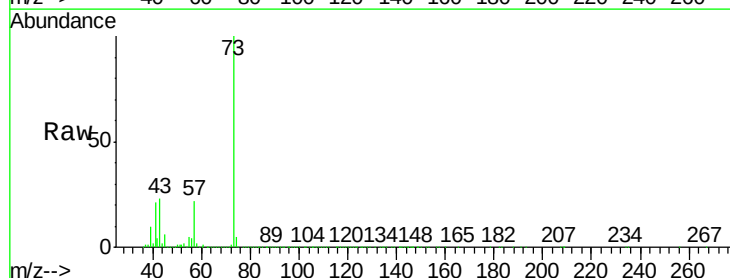
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

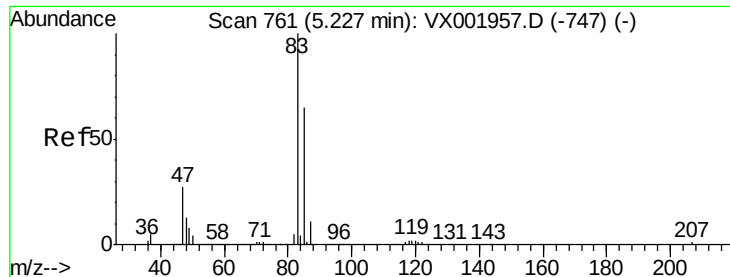
Tgt Ion: 59 Resp: 544548
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 112.22 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 73 Resp: 1264372
 Ion Ratio Lower Upper
 73 100
 43 23.0 19.0 28.4

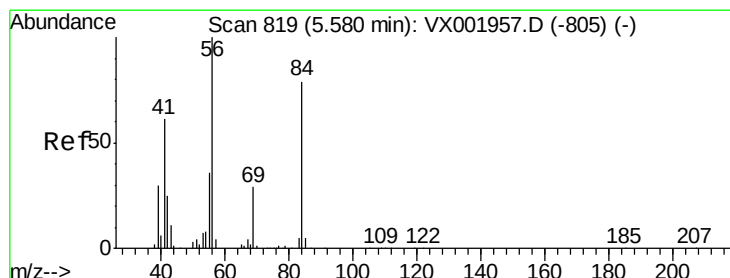
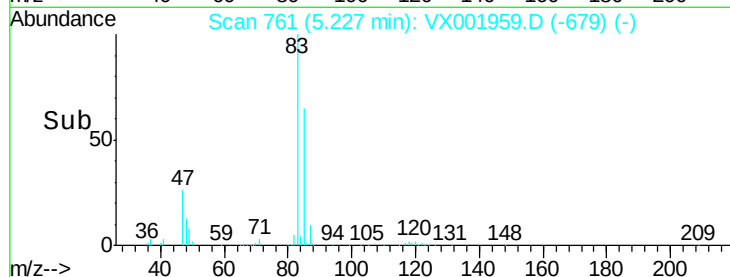
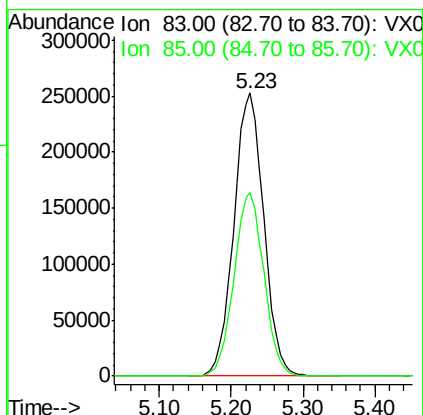
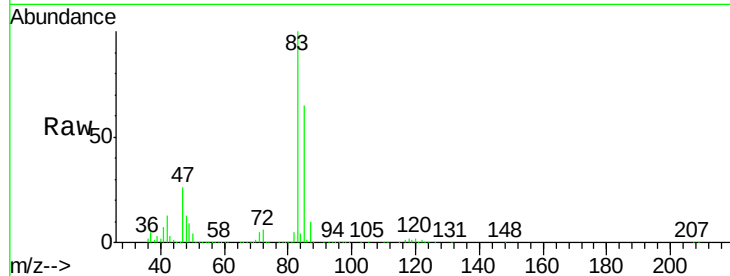




#25
Chloroform
Concen: 111.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

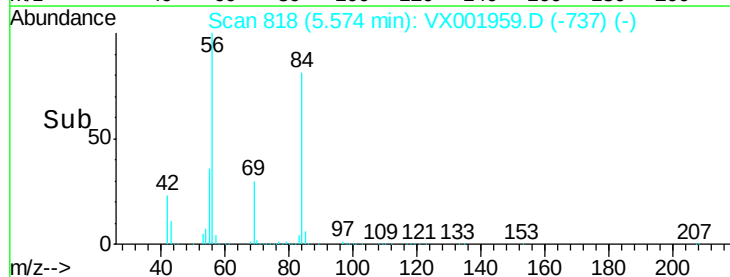
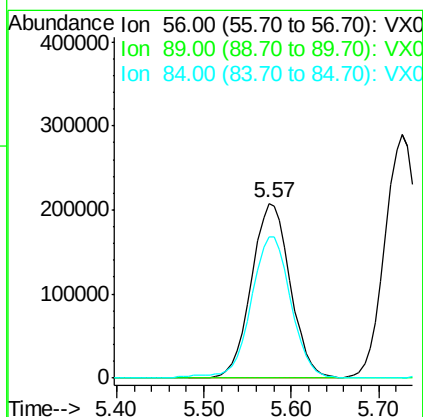
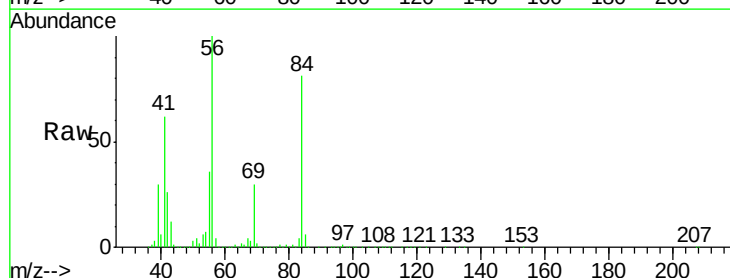
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

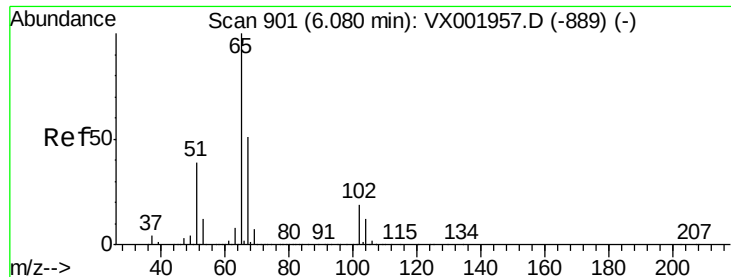
Tgt Ion: 83 Resp: 727385
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9



#26
Cyclohexane
Concen: 132.43 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 56 Resp: 640091
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.3 64.9 97.3

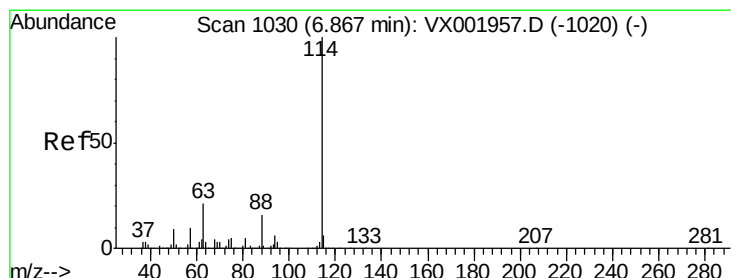
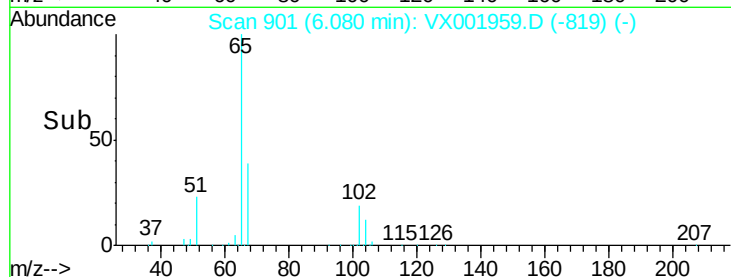
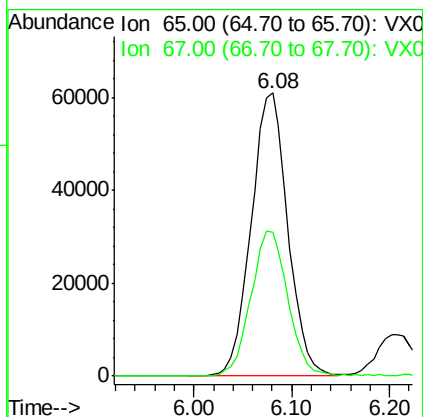
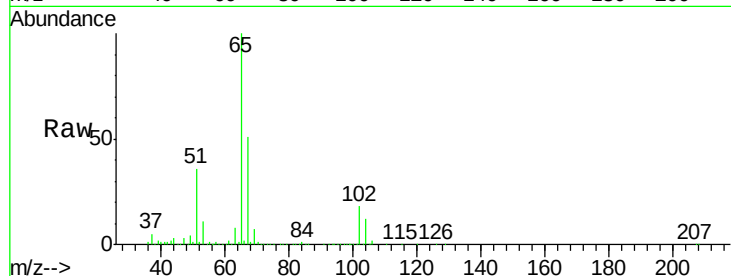




#27
 1,2-Dichloroethane-d4
 Concen: 32.41 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

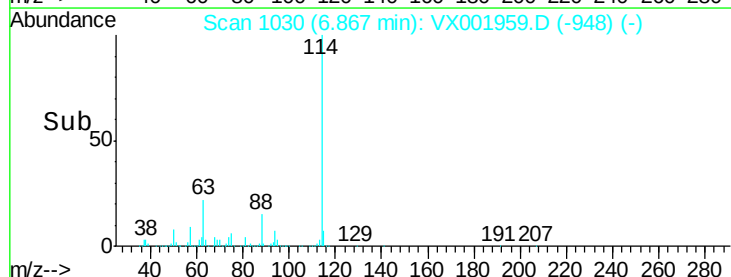
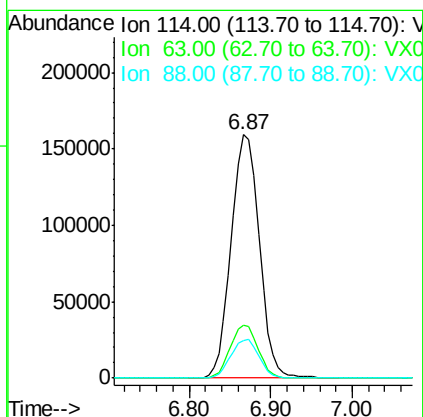
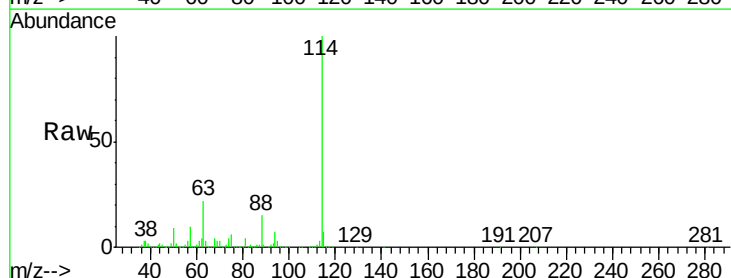
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

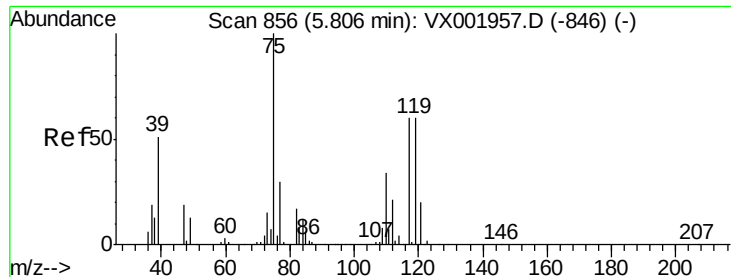
Tgt Ion: 65 Resp: 158473
 Ion Ratio Lower Upper
 65 100
 67 51.2 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 114 Resp: 381639
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.1 25.7
 88 15.9 12.6 19.0

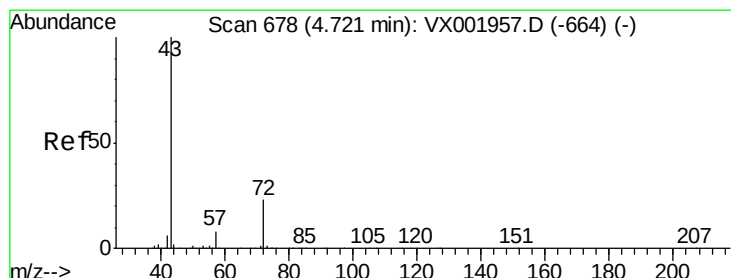
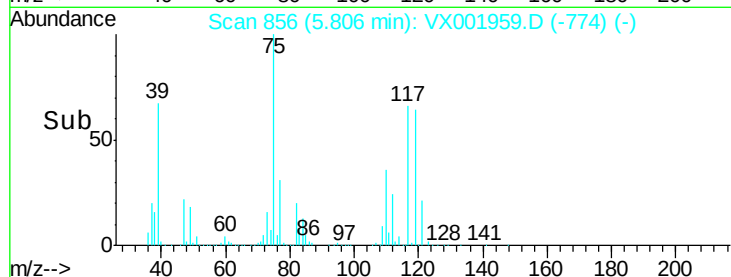
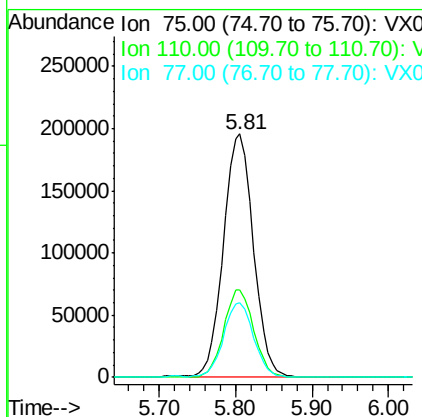
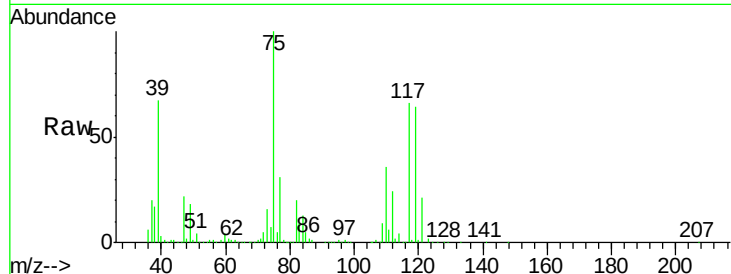




#29
 1,1-Dichloropropene
 Concen: 110.69 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

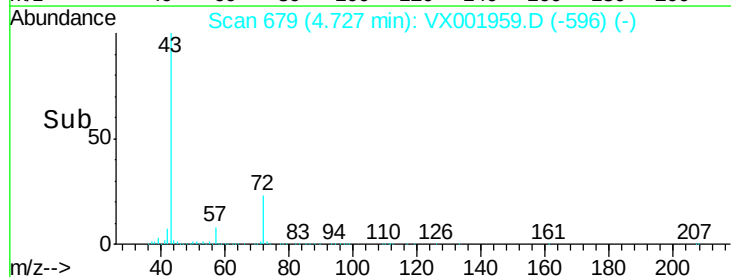
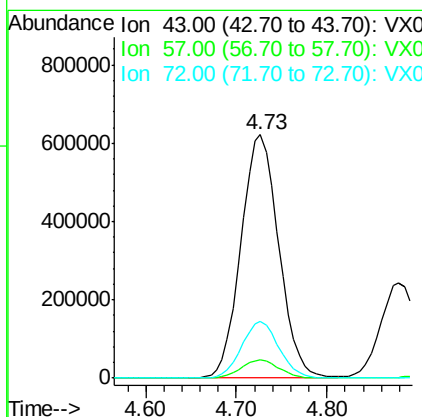
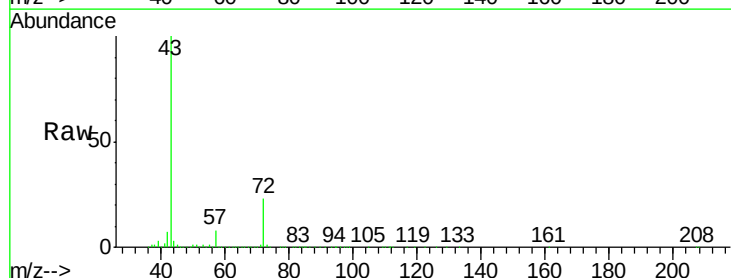
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

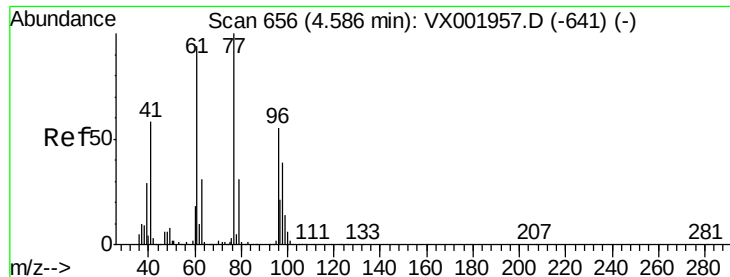
Tgt Ion: 75 Resp: 529982
 Ion Ratio Lower Upper
 75 100
 110 35.8 0.0 71.4
 77 30.4 0.0 60.6



#30
 2-Butanone
 Concen: 554.85 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 43 Resp: 1782777
 Ion Ratio Lower Upper
 43 100
 57 7.5 6.1 9.1
 72 22.9 18.1 27.1

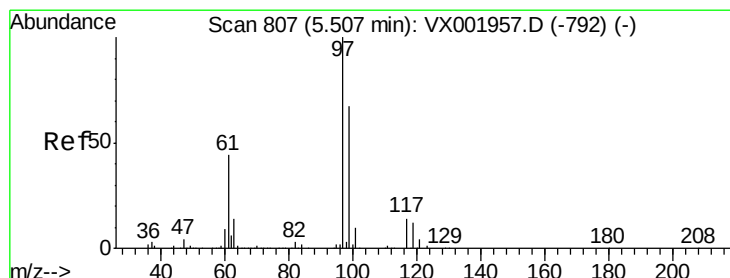
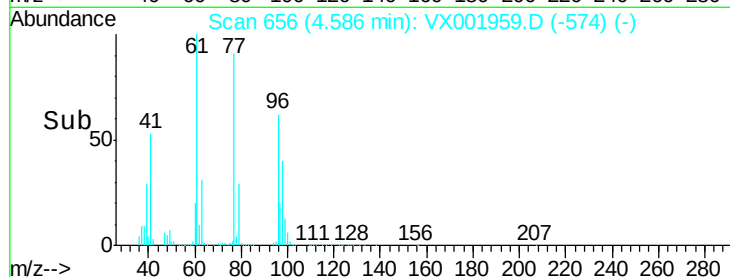
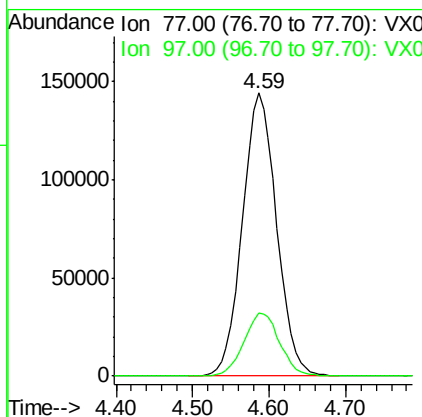
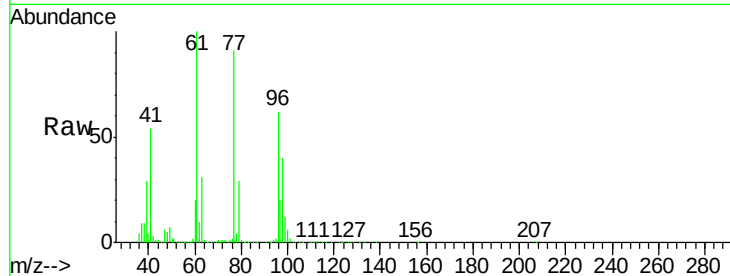




#31
 2,2-Dichloropropane
 Concen: 106.72 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

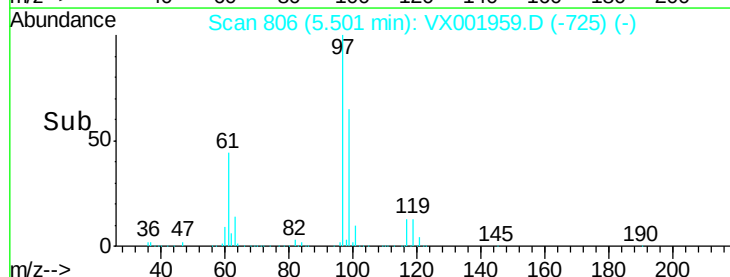
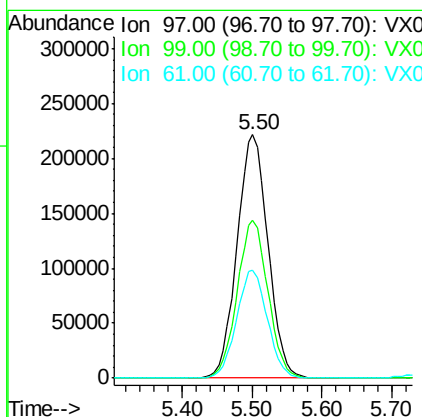
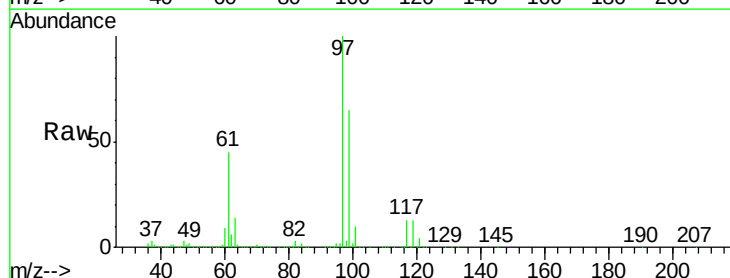
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

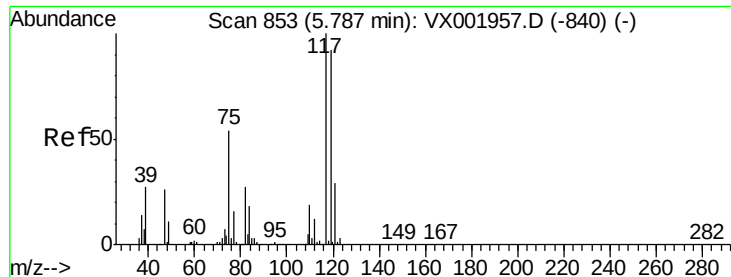
Tgt Ion: 77 Resp: 445796
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 110.91 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 97 Resp: 678746
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 44.3 36.4 54.6





#33

Carbon Tetrachloride

Concen: 114.16 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

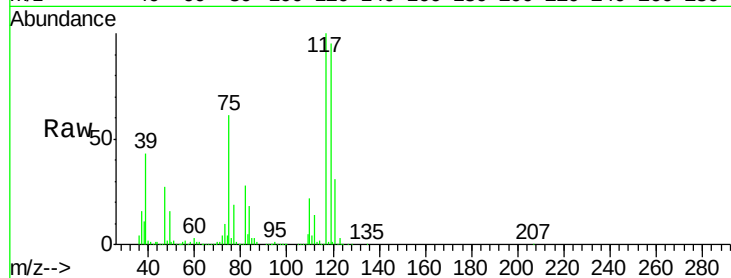
Tgt Ion:117 Resp: 622673

Ion Ratio Lower Upper

117 100

119 94.7 73.3 109.9

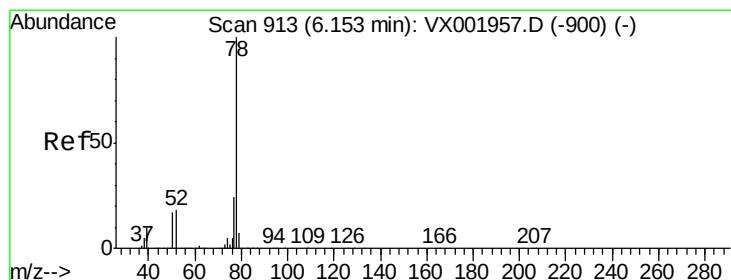
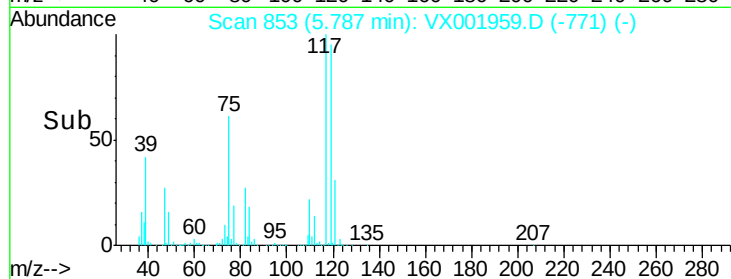
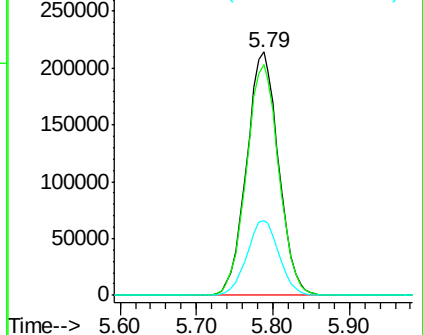
121 30.8 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 104.06 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

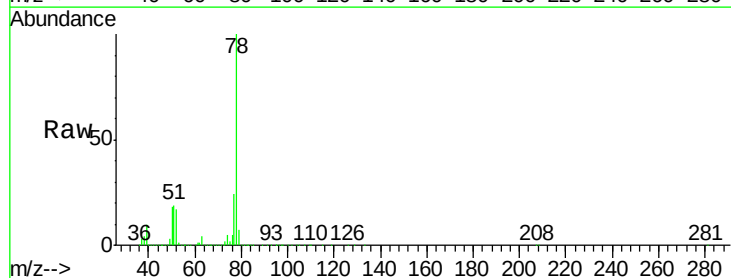
Tgt Ion: 78 Resp: 1578660

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

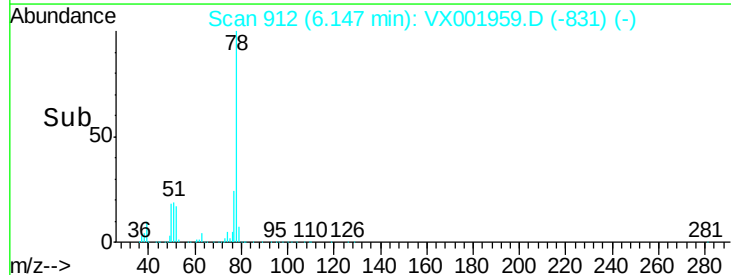
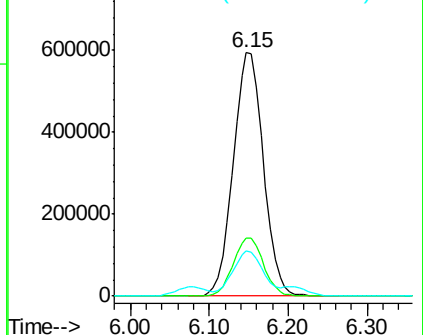
51 18.6 13.8 20.6

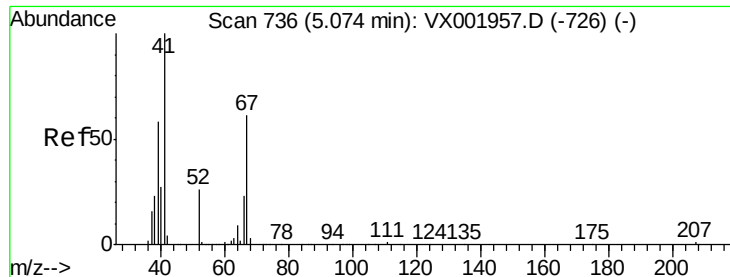


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

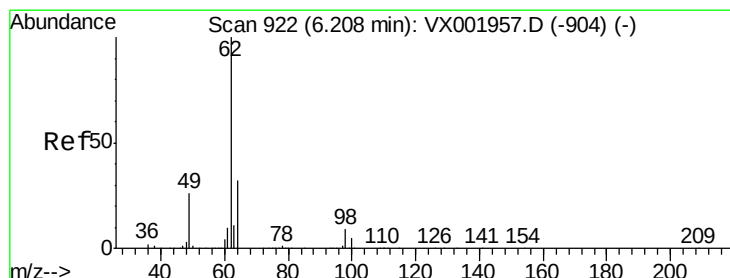
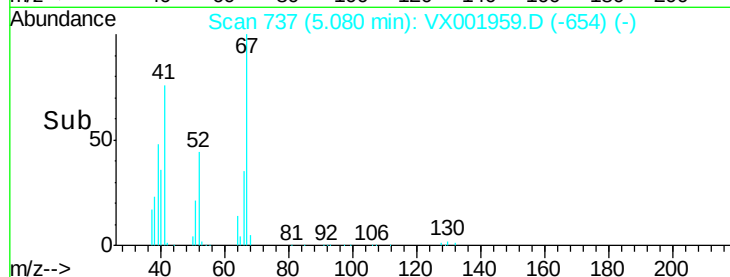
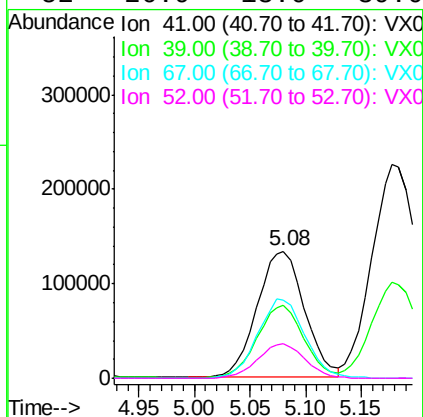
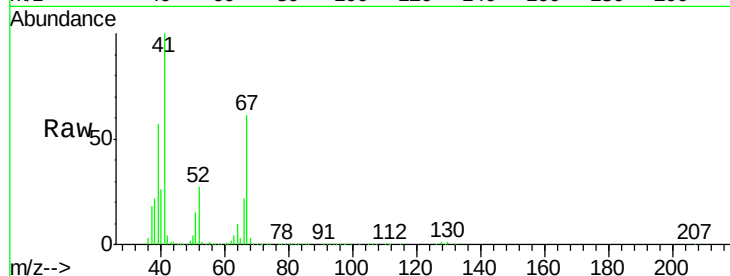




#35
Methacrylonitrile
Concen: 113.79 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

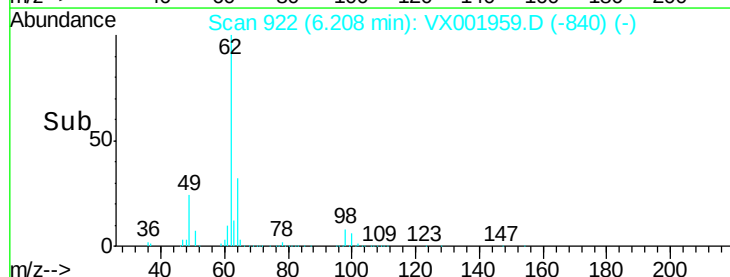
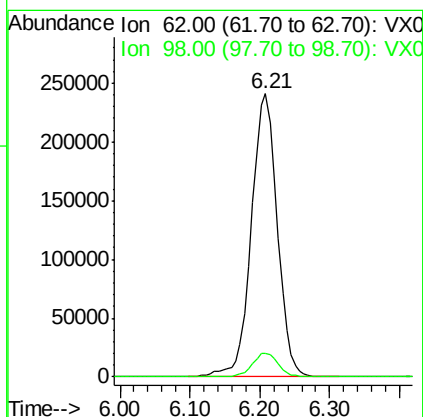
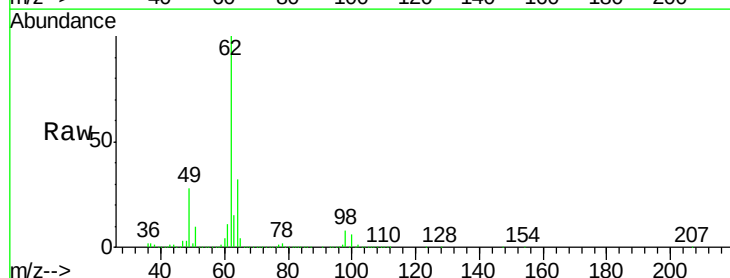
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

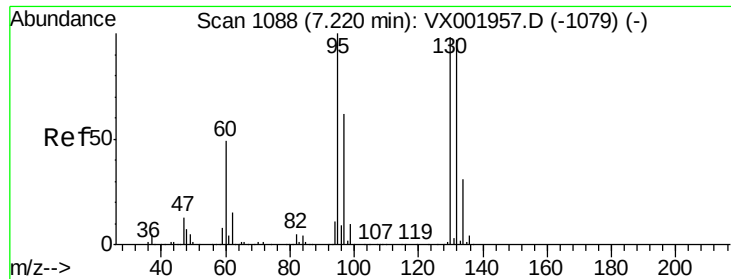
Tgt Ion:	41	Resp:	397296
Ion	Ratio	Lower	Upper
41	100		
39	57.2	28.8	86.5
67	61.7	30.4	91.2
52	26.9	13.0	39.0



#36
1,2-Dichloroethane
Concen: 103.80 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion:	62	Resp:	620250
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.5	9.7

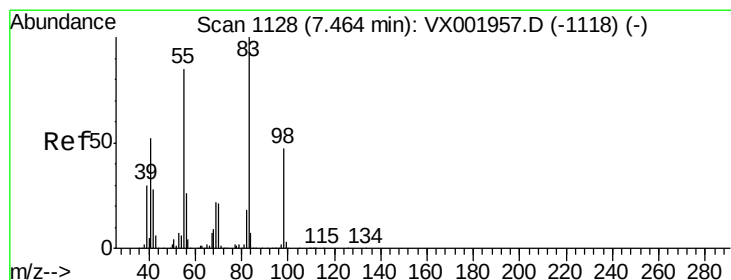
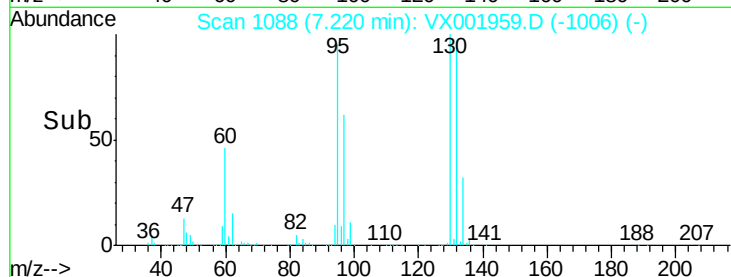
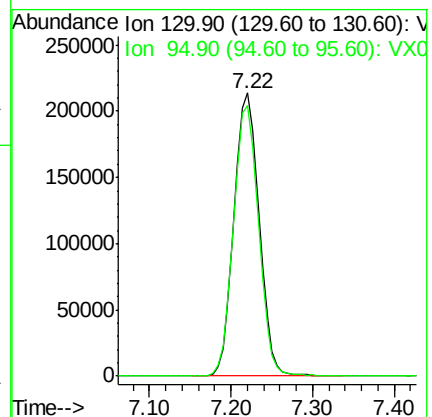
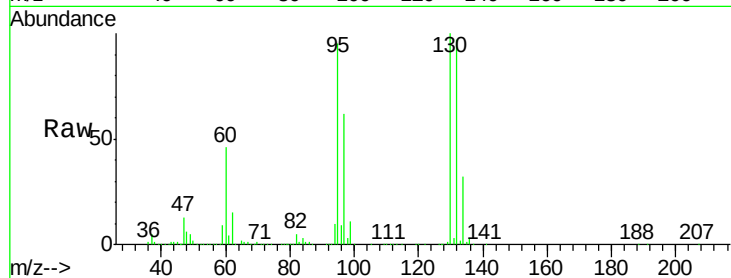




#37
 Trichloroethene
 Concen: 102.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

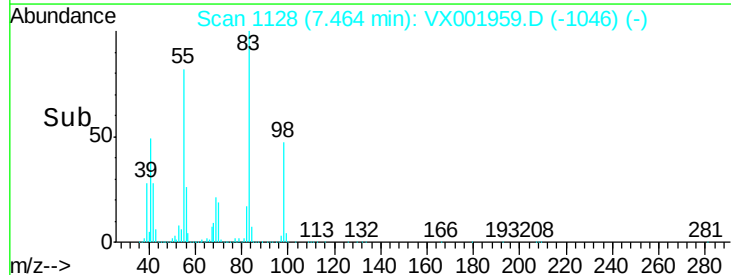
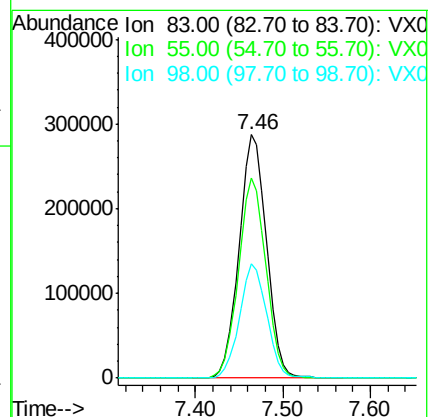
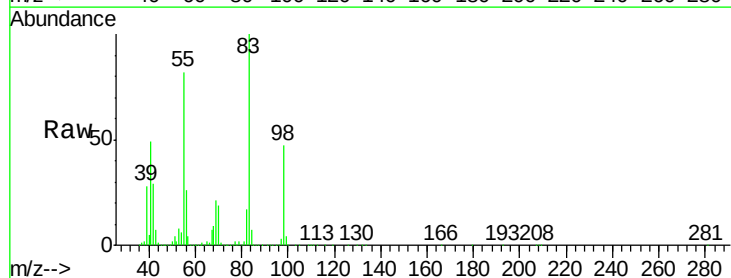
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

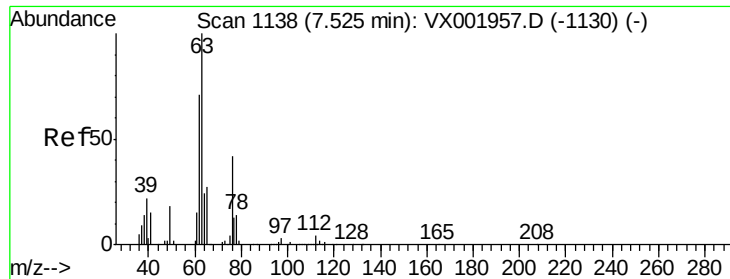
Tgt Ion:130 Resp: 454497
 Ion Ratio Lower Upper
 130 100
 95 95.4 81.5 122.3



#38
 Methylcyclohexane
 Concen: 119.79 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 83 Resp: 625075
 Ion Ratio Lower Upper
 83 100
 55 81.8 40.6 121.8
 98 46.7 23.5 70.5





#39

1,2-Dichloropropane

Concen: 108.89 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

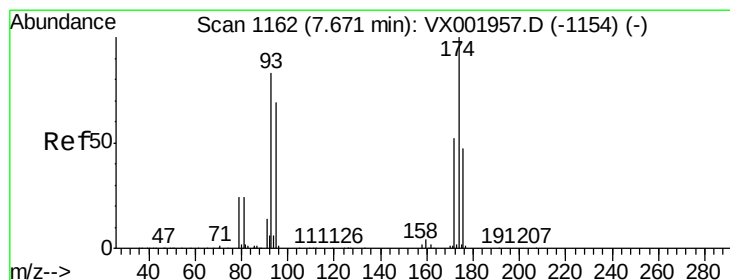
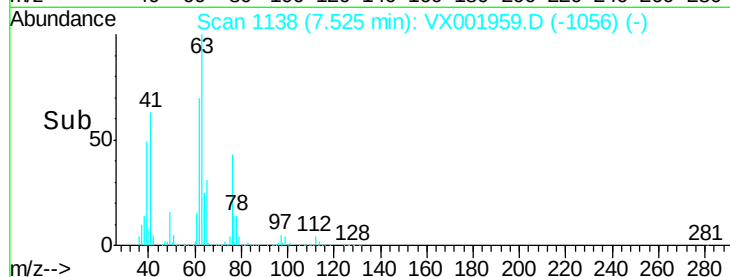
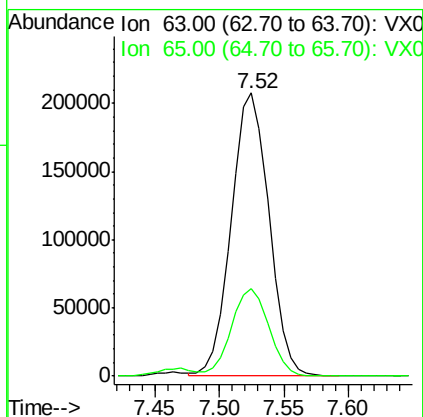
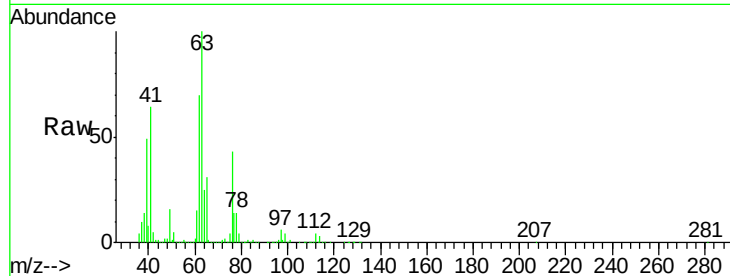
VSTDIC100

Tgt Ion: 63 Resp: 421738

Ion Ratio Lower Upper

63 100

65 30.7 23.3 34.9



#40

Dibromomethane

Concen: 104.34 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

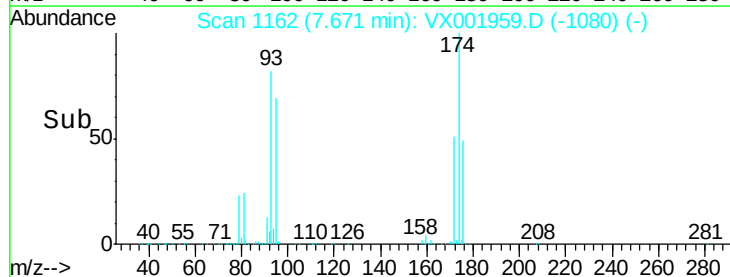
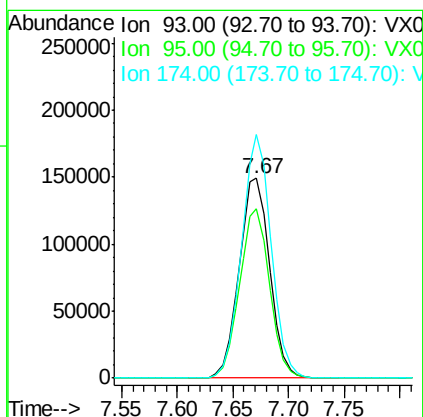
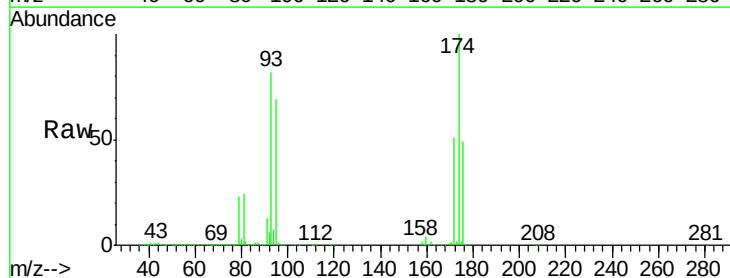
Tgt Ion: 93 Resp: 284998

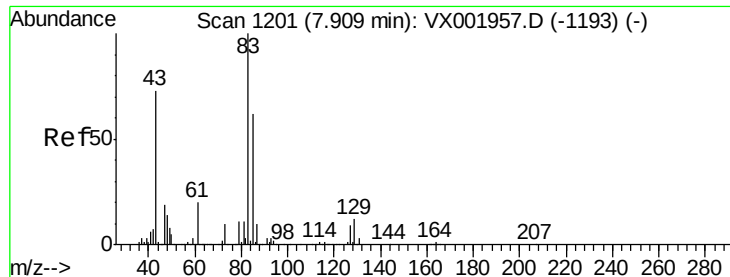
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.6

174 117.2 0.0 229.4





#41

Bromodichloromethane

Concen: 112.88 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

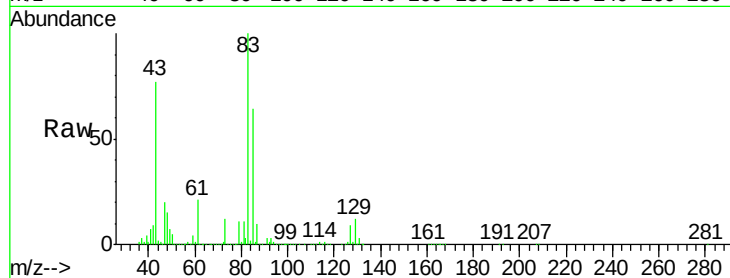
Tgt Ion: 83 Resp: 594580

Ion Ratio Lower Upper

83 100

85 64.2 49.8 74.8

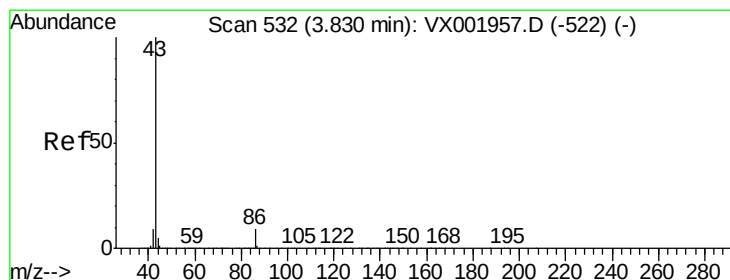
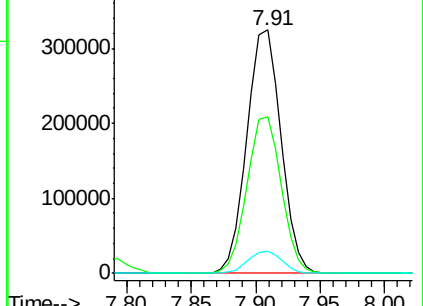
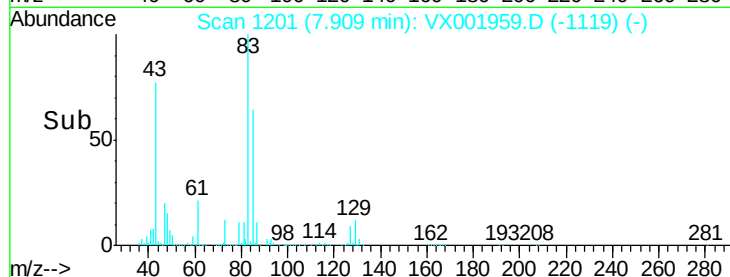
127 9.3 7.3 10.9



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: 535.24 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001959.D

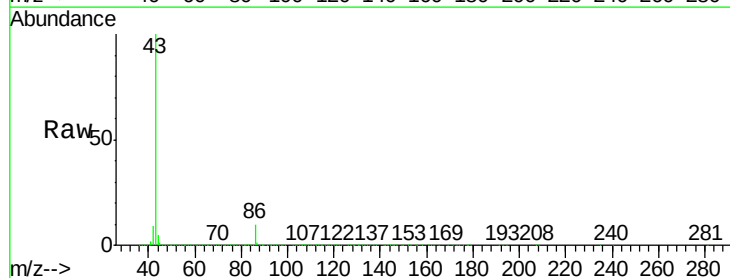
Acq: 24 May 2018 23:52

Tgt Ion: 43 Resp: 5658130

Ion Ratio Lower Upper

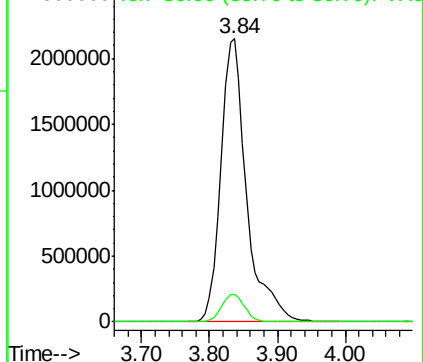
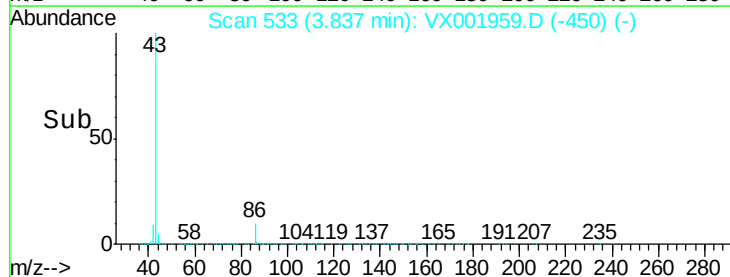
43 100

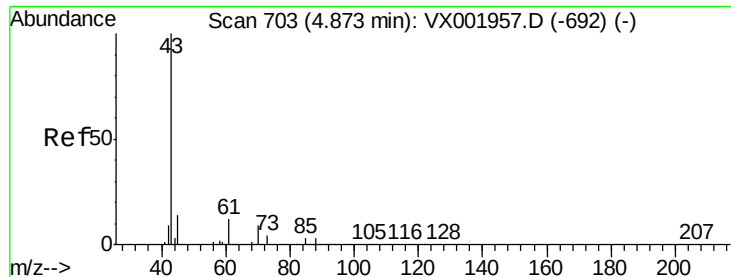
86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

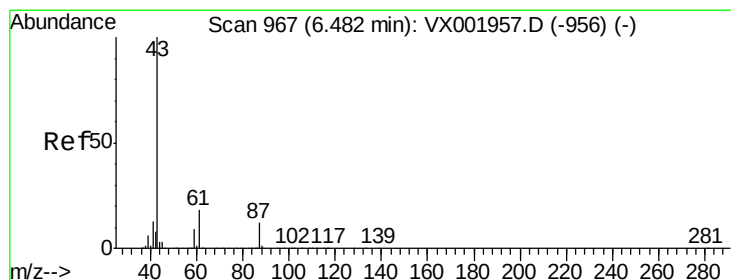
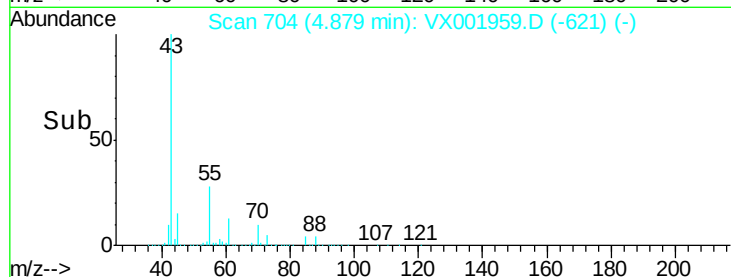
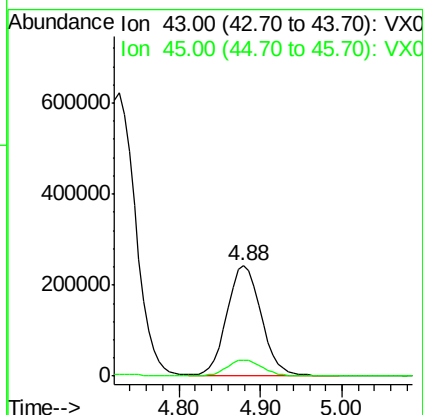
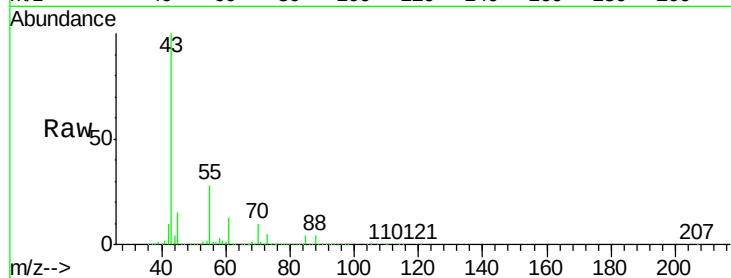




#43
Ethyl Acetate
Concen: 113.58 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

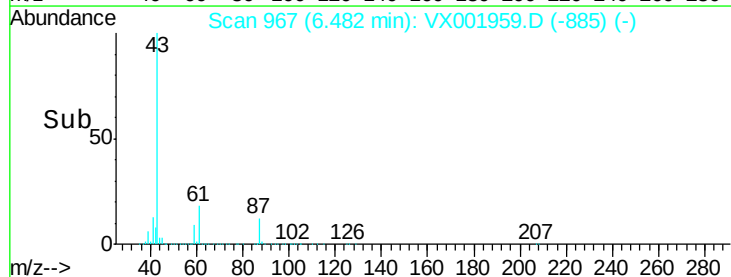
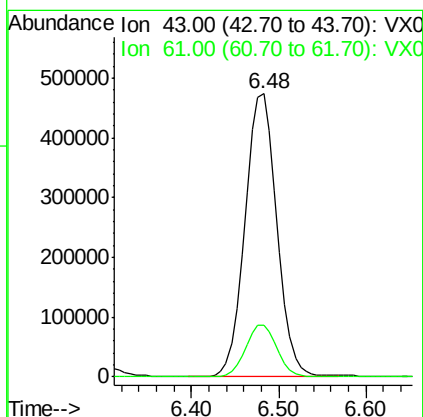
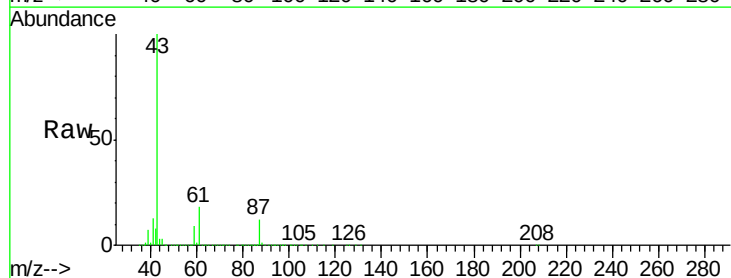
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

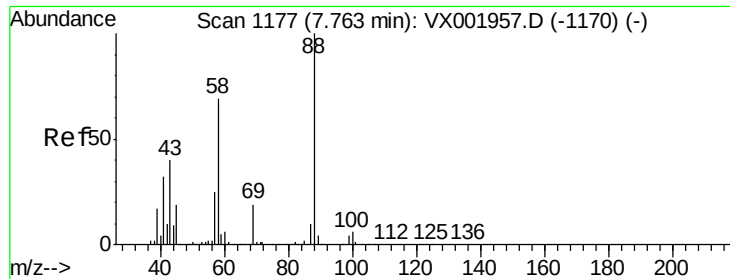
Tgt Ion: 43 Resp: 701681
Ion Ratio Lower Upper
43 100
45 15.0 11.0 16.4



#44
Isopropyl Acetate
Concen: 122.57 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 43 Resp: 1187615
Ion Ratio Lower Upper
43 100
61 18.3 14.5 21.7





#45

1,4-Dioxane

Concen: 2071.44 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

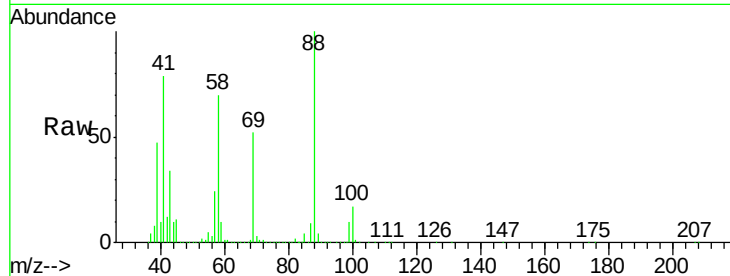
Tgt Ion: 88 Resp: 223476

Ion Ratio Lower Upper

88 100

43 40.2 43.2 64.8#

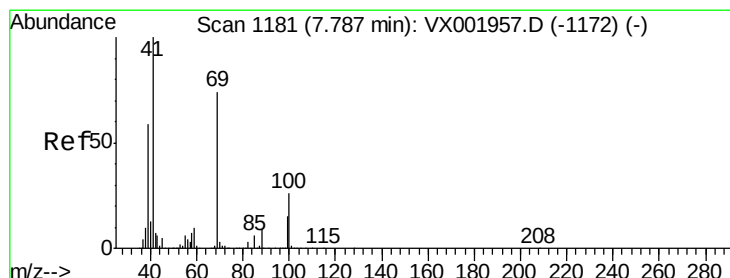
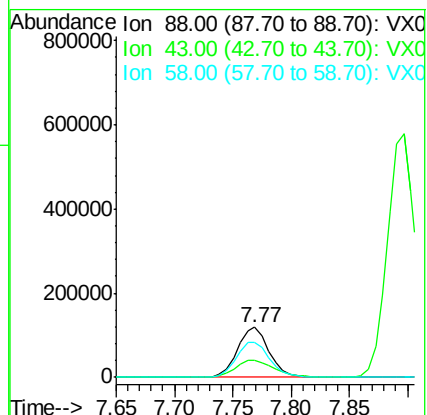
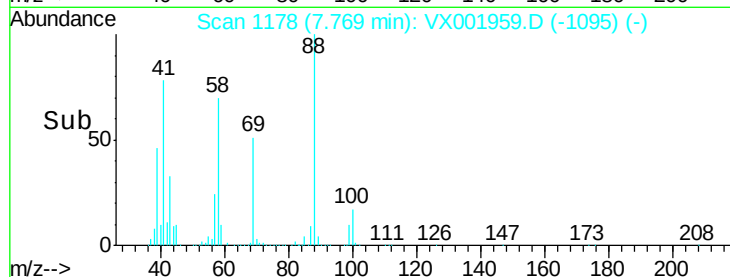
58 73.9 60.2 90.2



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: 116.92 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

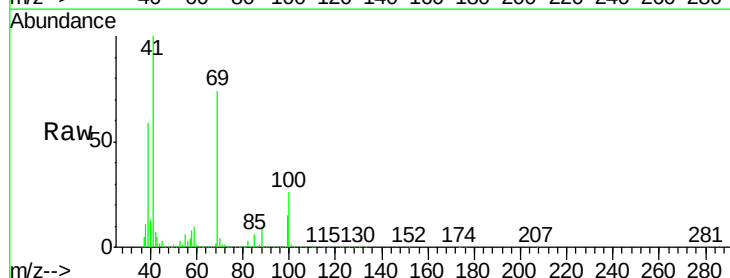
Tgt Ion: 41 Resp: 600250

Ion Ratio Lower Upper

41 100

69 73.5 37.0 110.9

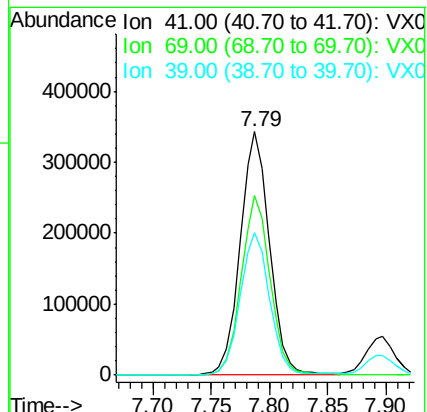
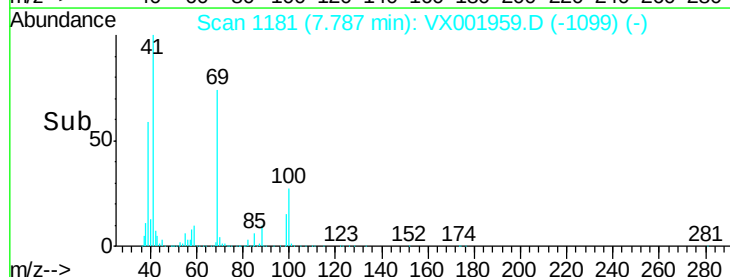
39 58.4 29.6 88.9

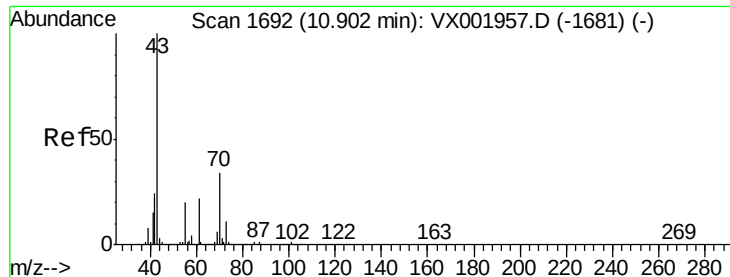


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyI Acetate

Concen: 131.72 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

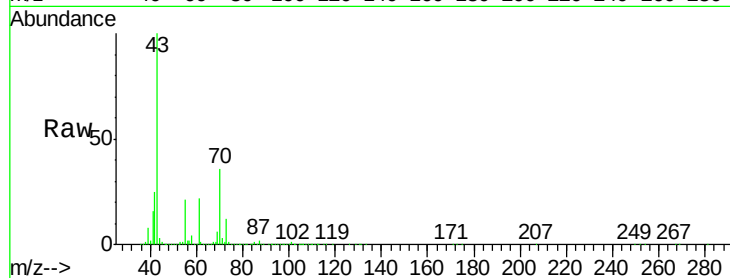
VSTDIC100

Tgt Ion: 43 Resp: 1118566

Ion Ratio Lower Upper

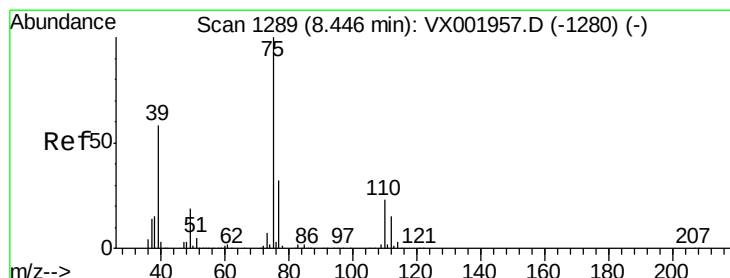
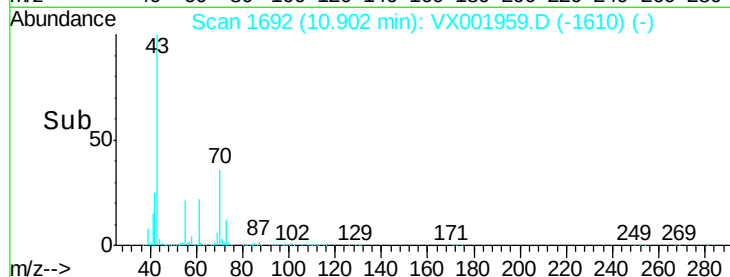
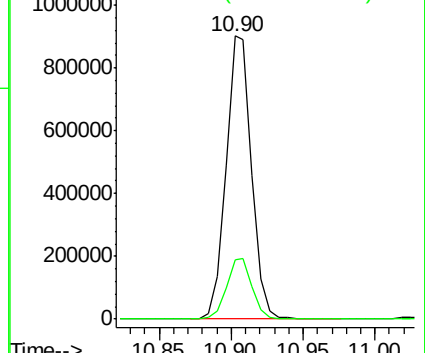
43 100

55 21.4 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 115.87 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001959.D

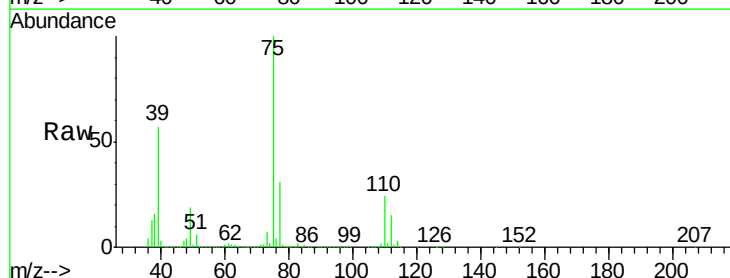
Acq: 24 May 2018 23:52

Tgt Ion: 75 Resp: 677630

Ion Ratio Lower Upper

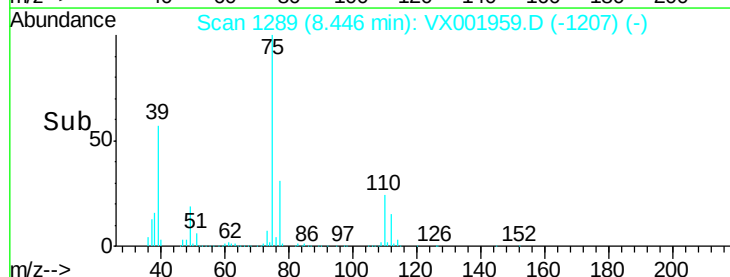
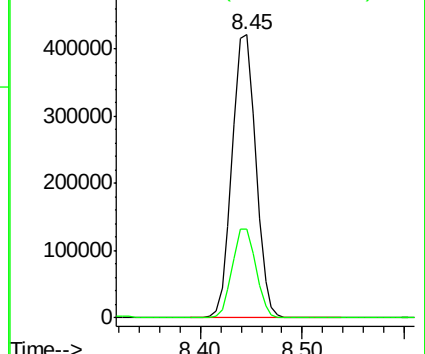
75 100

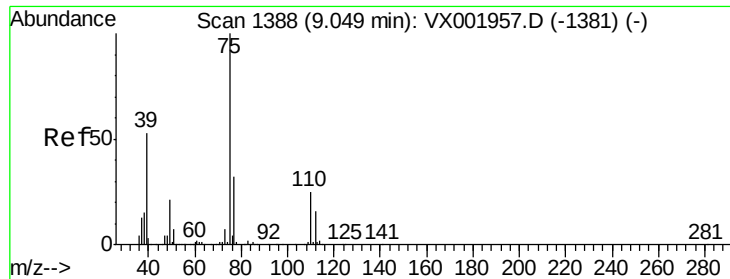
77 31.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 124.66 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

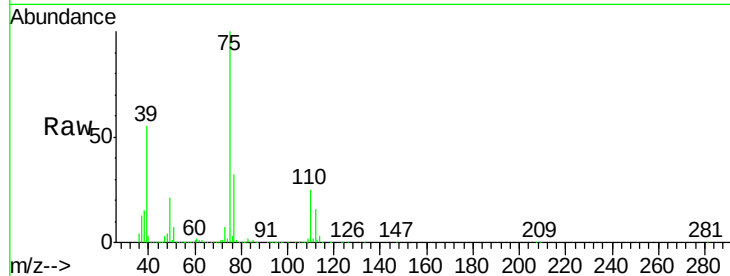
Tgt Ion: 75 Resp: 658219

Ion Ratio Lower Upper

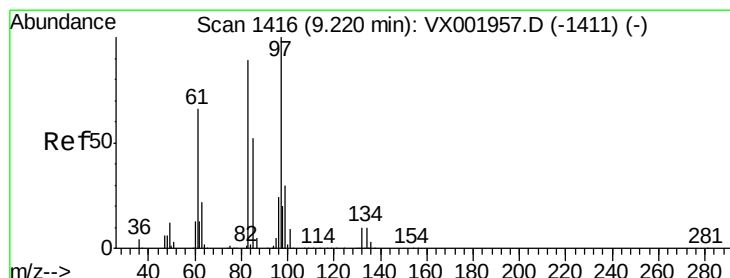
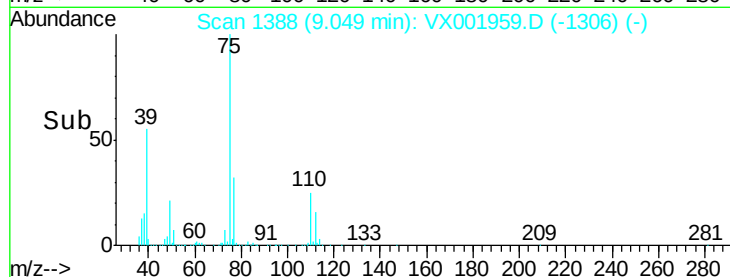
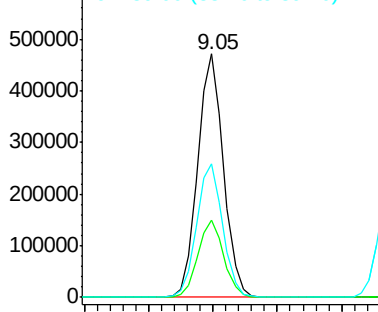
75 100

77 31.8 25.4 38.2

39 54.7 42.3 63.5



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 104.42 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Tgt Ion: 97 Resp: 416002

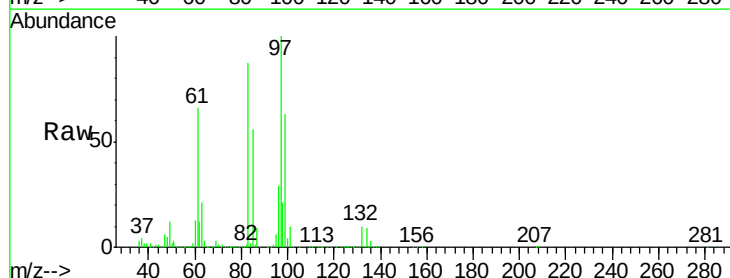
Ion Ratio Lower Upper

97 100

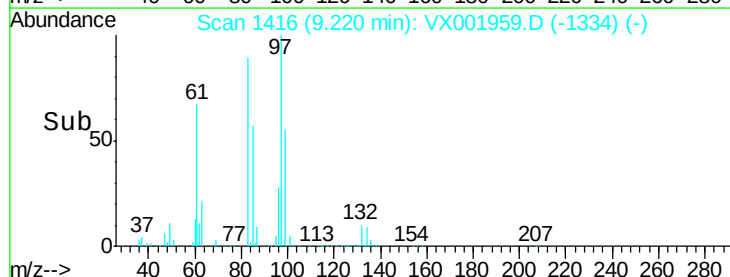
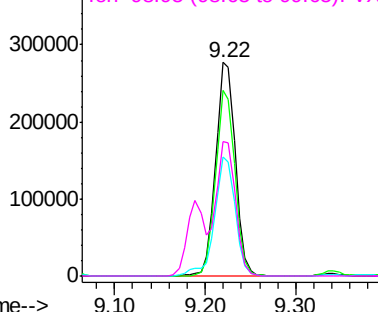
83 86.8 70.8 106.2

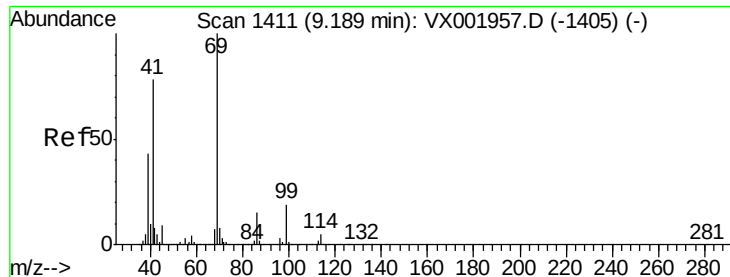
85 56.0 43.5 65.3

99 63.0 50.9 76.3



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 118.64 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

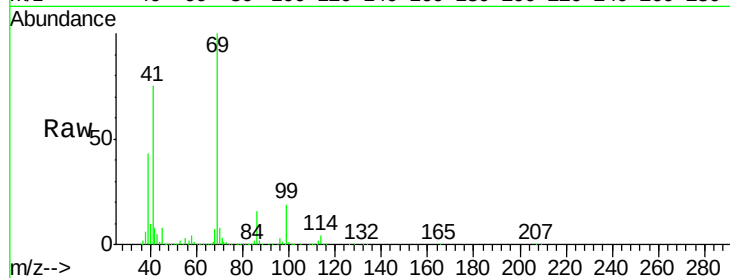
Tgt Ion: 69 Resp: 720406

Ion Ratio Lower Upper

69 100

41 75.2 39.1 117.3

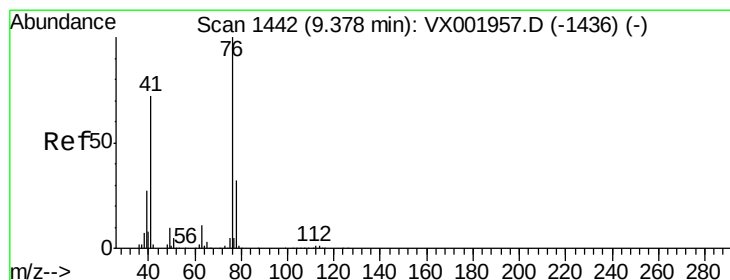
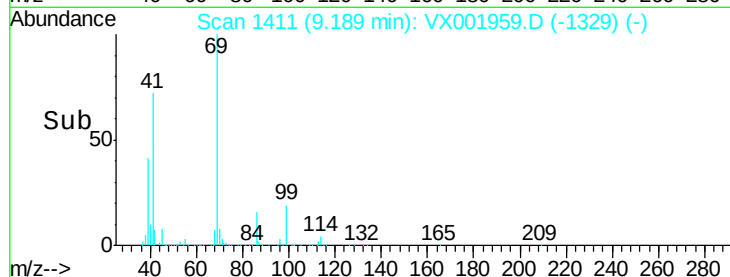
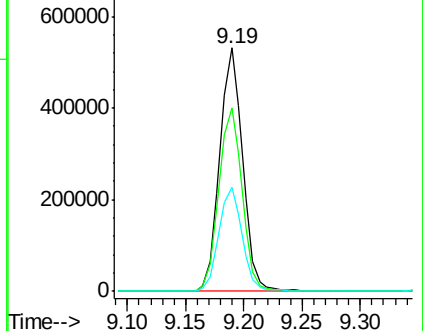
39 42.8 21.7 65.1



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: 104.58 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001959.D

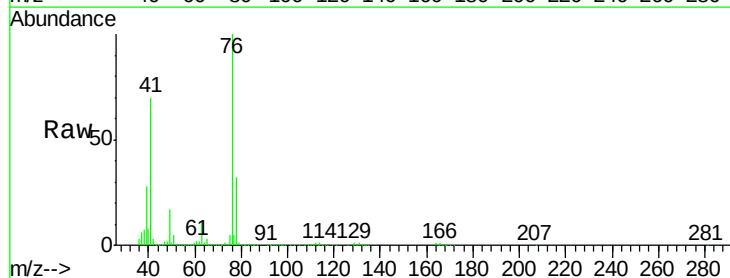
Acq: 24 May 2018 23:52

Tgt Ion: 76 Resp: 693935

Ion Ratio Lower Upper

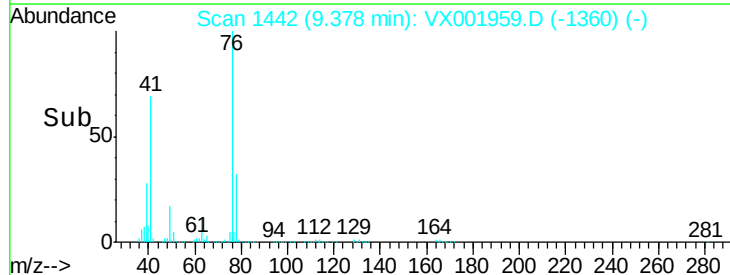
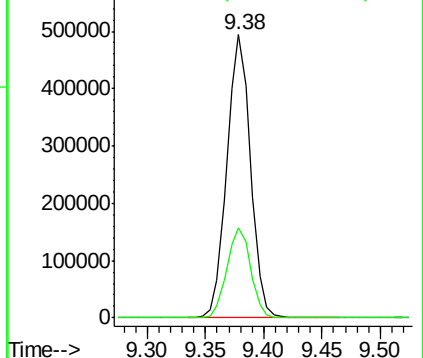
76 100

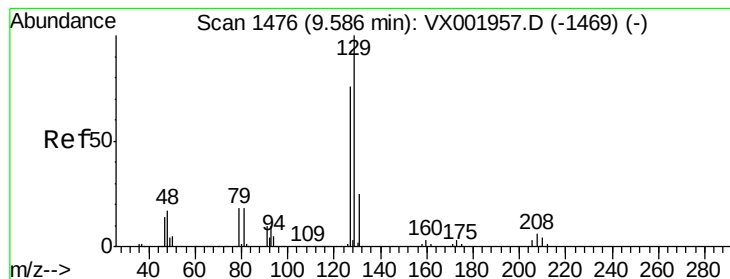
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 119.76 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.01 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

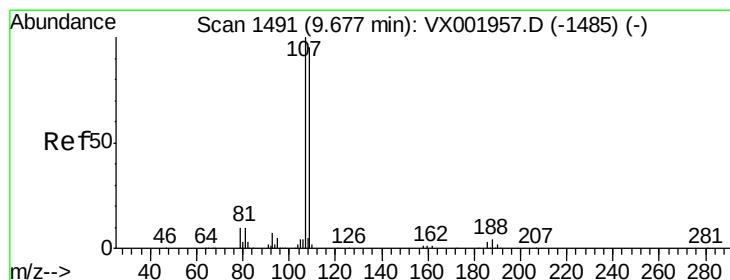
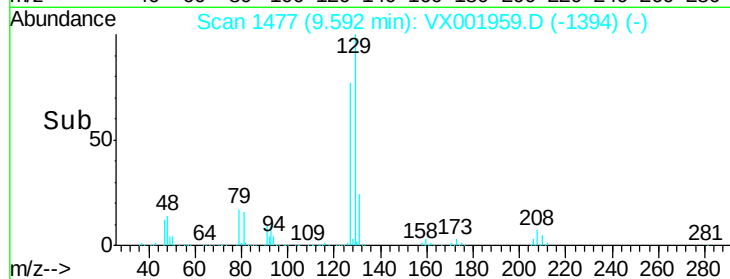
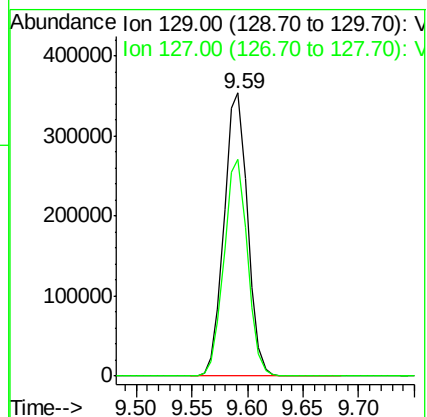
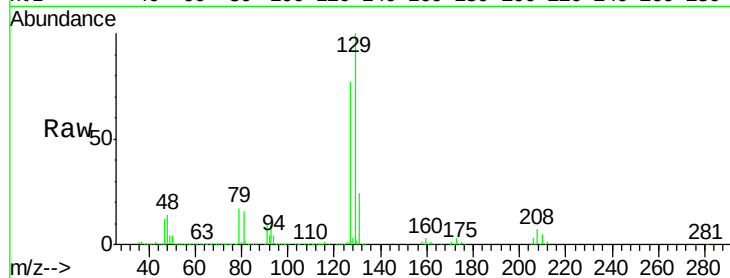
VSTDIC100

Tgt Ion:129 Resp: 517973

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.3



#54

1,2-Dibromoethane

Concen: 106.21 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001959.D

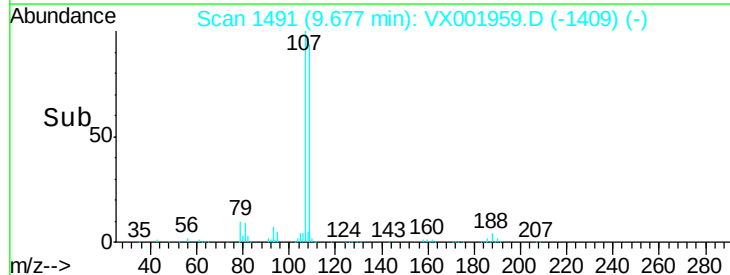
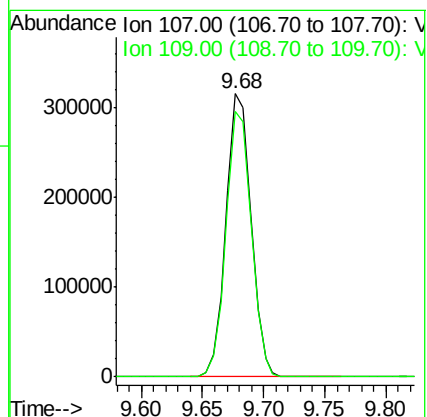
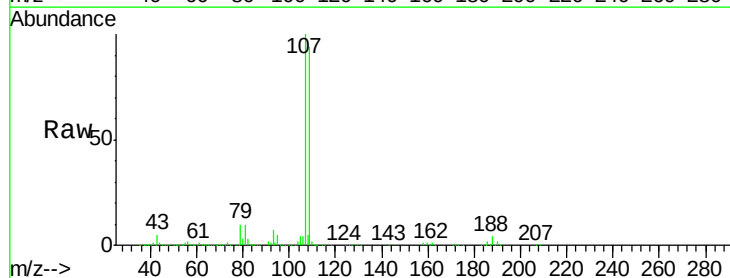
Acq: 24 May 2018 23:52

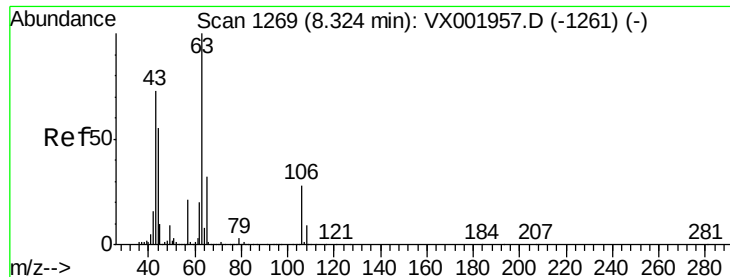
Tgt Ion:107 Resp: 449184

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3



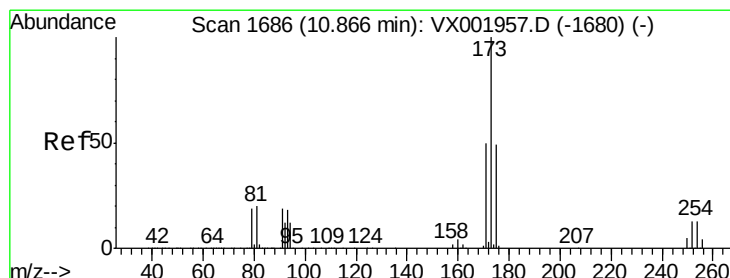
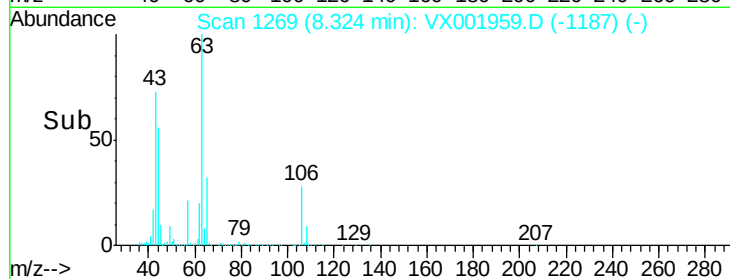
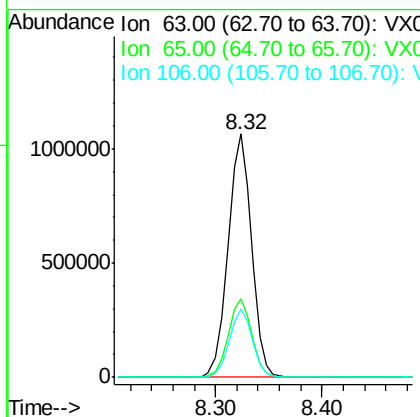
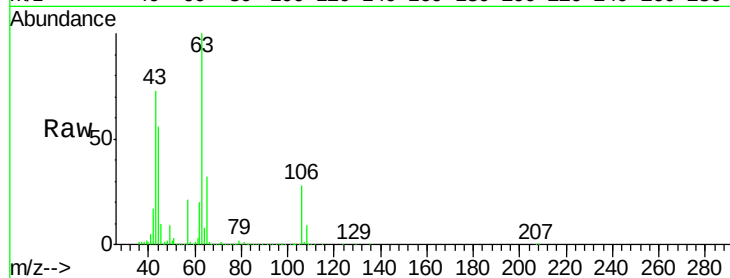


#55
2-Chloroethyl vinyl ether
Concen: 523.09 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 1648812

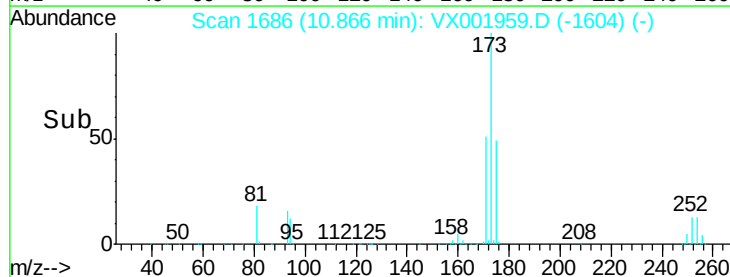
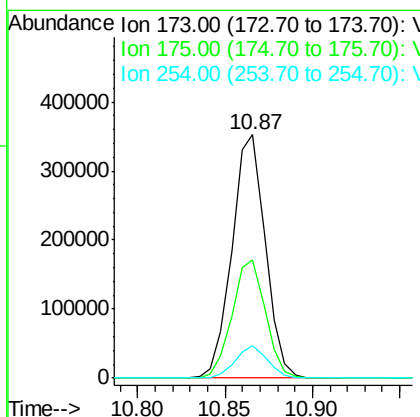
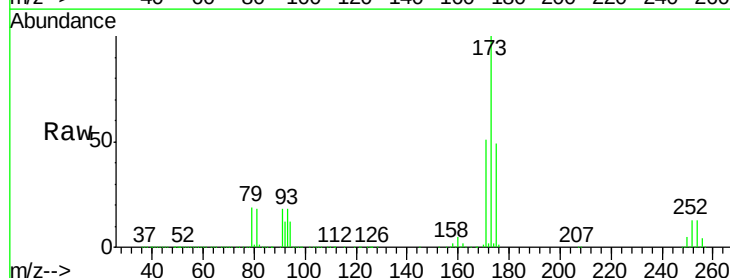
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	27.6	21.6	32.4

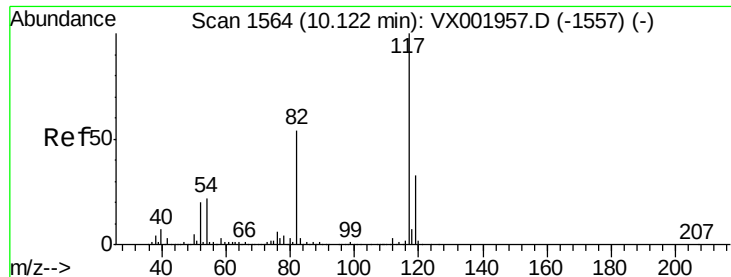


#56
Bromoform
Concen: 129.47 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 173 Resp: 466775

Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	12.6	9.6	14.4

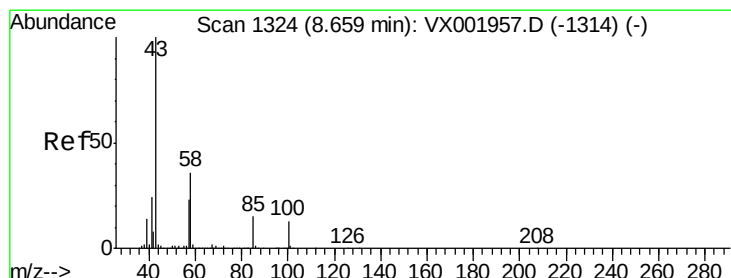
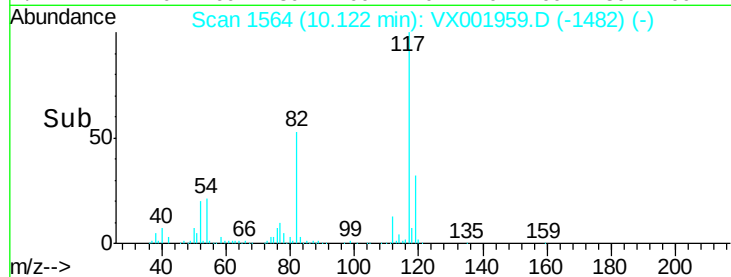
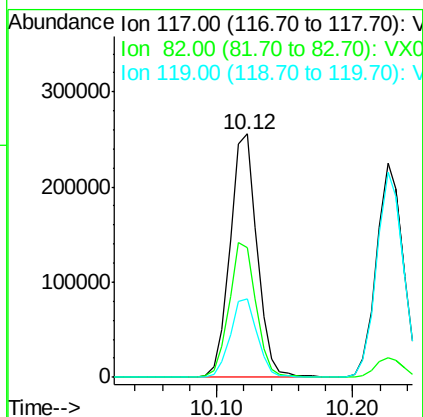
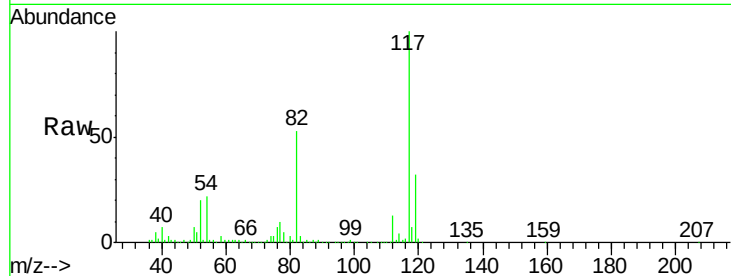




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

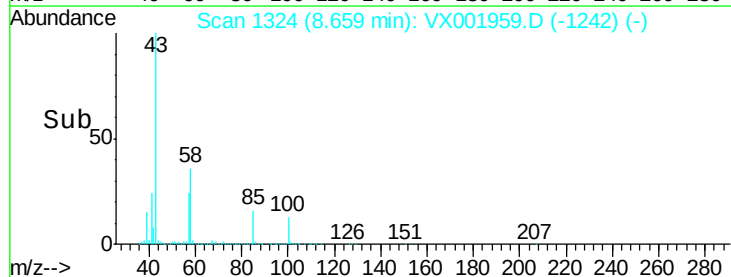
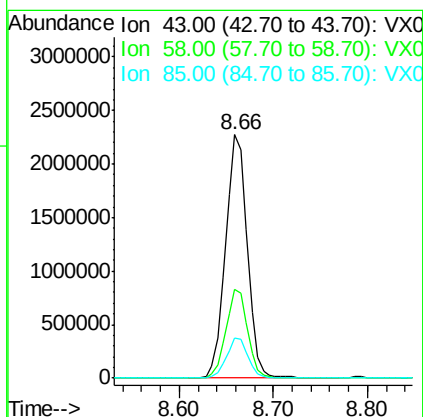
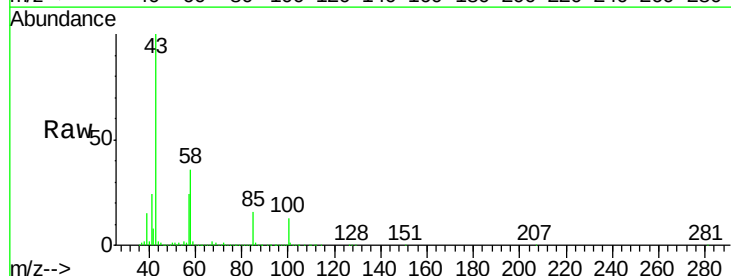
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

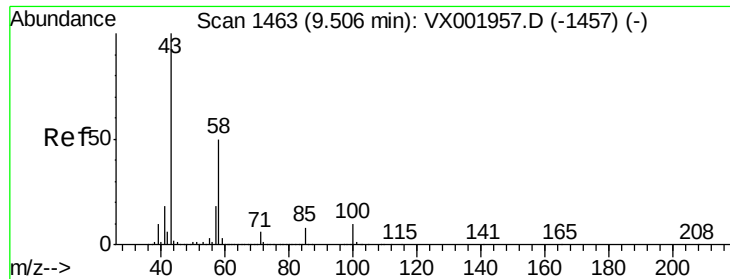
Tgt Ion: 117 Resp: 353772
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.6 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 556.07 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 43 Resp: 3636490
Ion Ratio Lower Upper
43 100
58 36.3 28.2 42.4
85 16.2 12.4 18.6

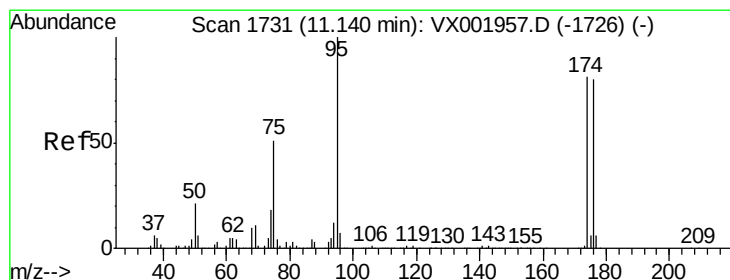
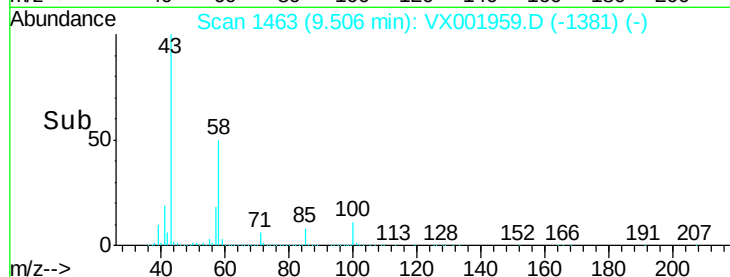
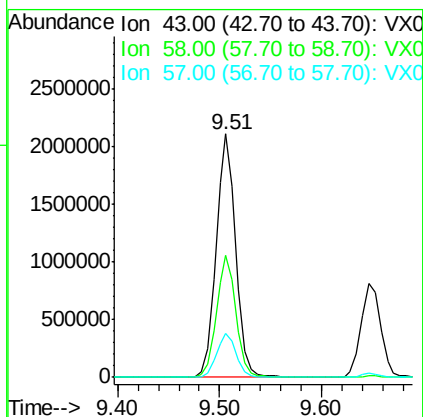
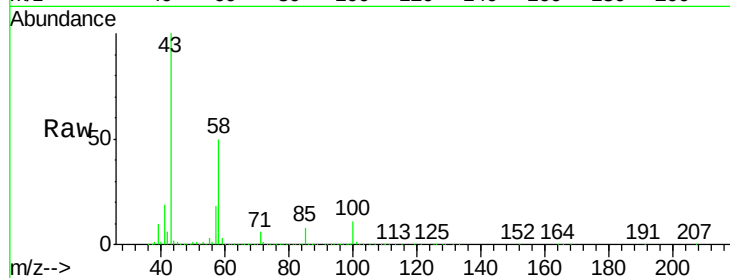




#59
2-Hexanone
Concen: 575.94 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

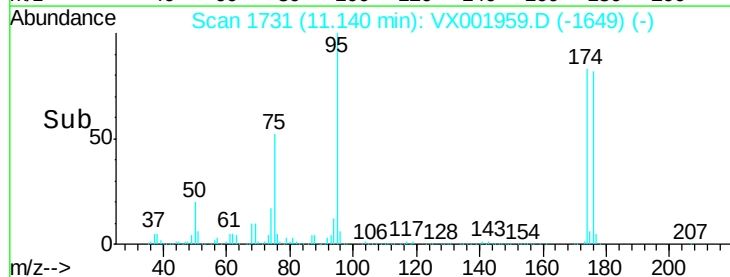
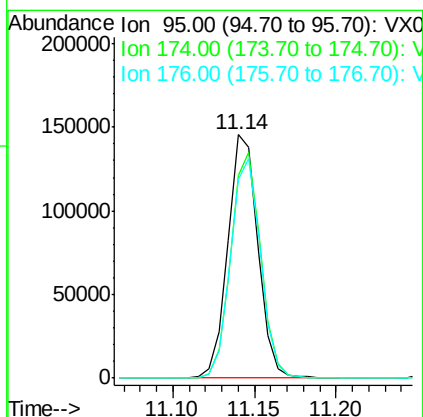
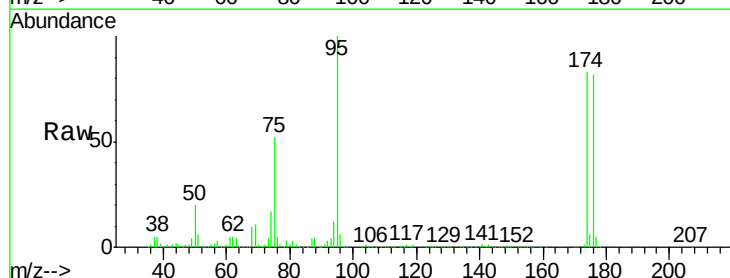
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

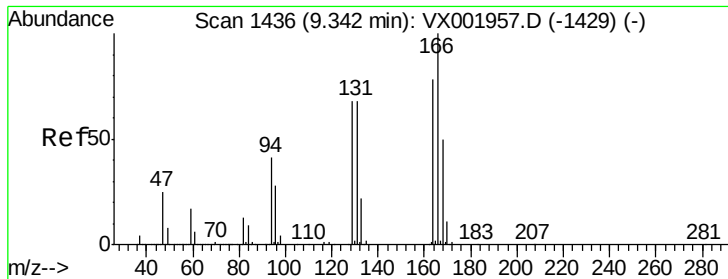
Tgt Ion: 43 Resp: 2838117
Ion Ratio Lower Upper
43 100
58 50.0 39.6 59.4
57 18.1 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 32.82 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 95 Resp: 185859
Ion Ratio Lower Upper
95 100
174 92.3 71.8 107.6
176 90.1 70.1 105.1





#61

Tetrachloroethene

Concen: 101.52 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 516782

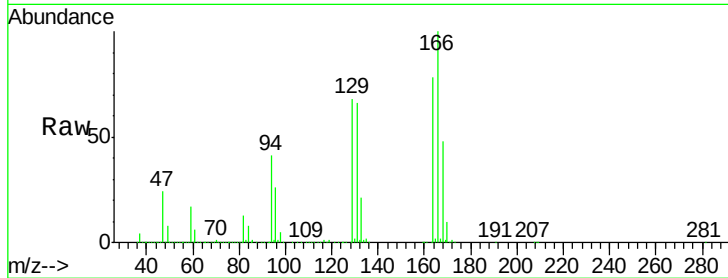
Ion Ratio Lower Upper

164 100

166 128.8 102.4 153.6

129 88.0 70.1 105.1

131 85.4 69.1 103.7

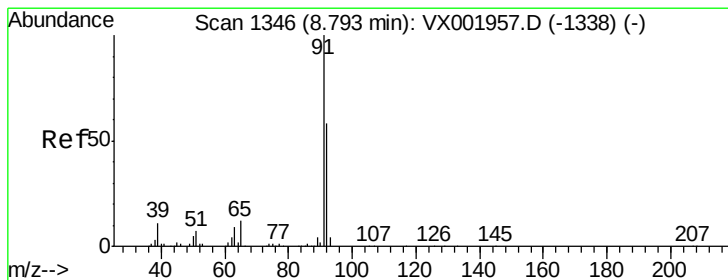
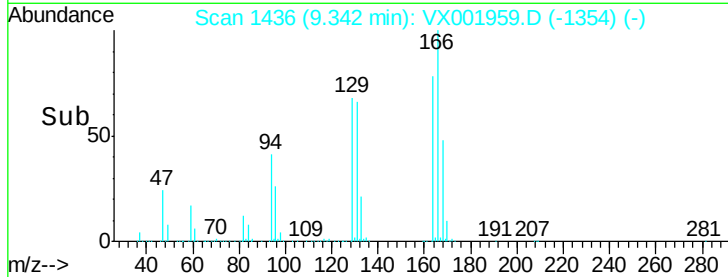
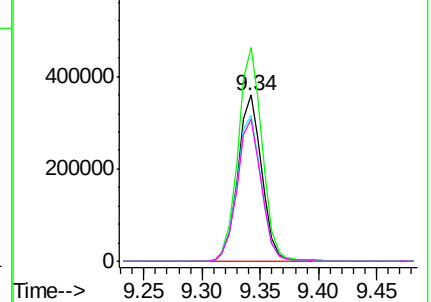


Abundance Ion 163.85 (163.55 to 164.55): V

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: 104.68 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001959.D

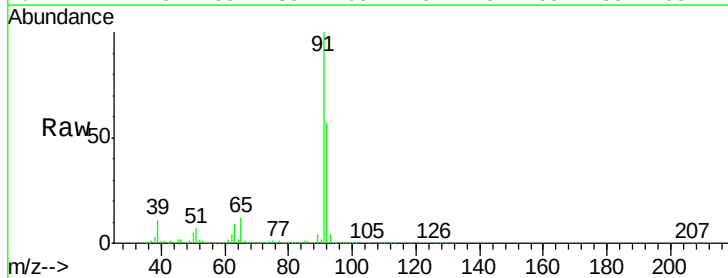
Acq: 24 May 2018 23:52

Tgt Ion: 91 Resp: 1766539

Ion Ratio Lower Upper

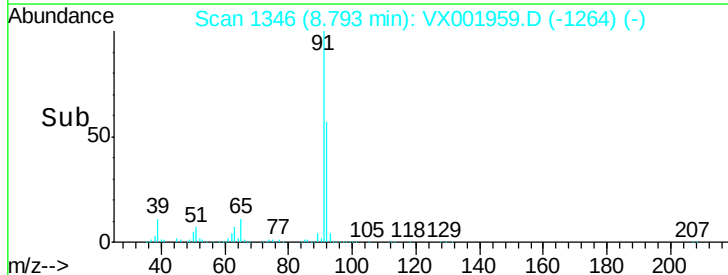
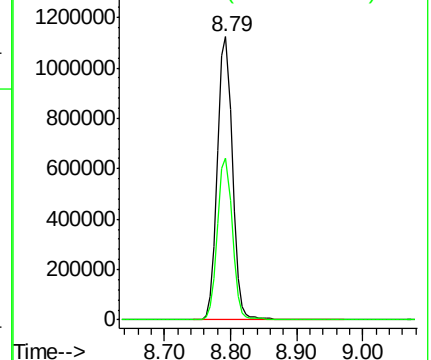
91 100

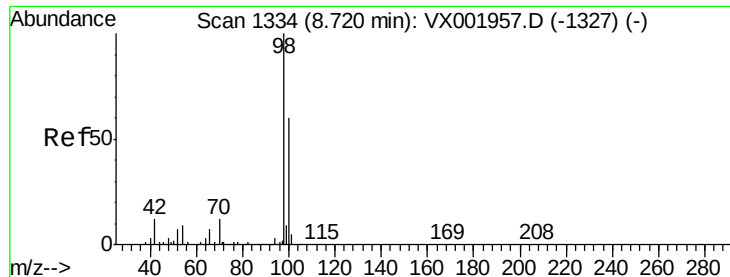
92 57.1 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

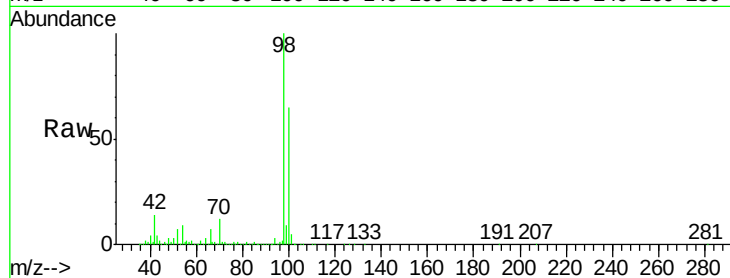
VSTDIC100

Tgt Ion: 98 Resp: 465760

Ion Ratio Lower Upper

98 100

100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX001957.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001959.D (-1252) (-)

8.72

300000

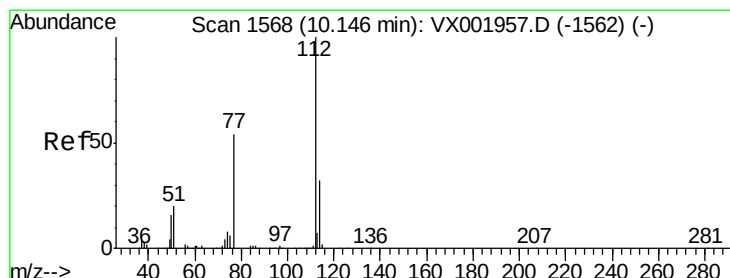
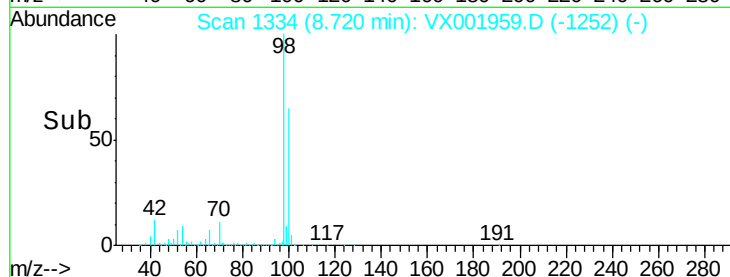
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#64

Chlorobenzene

Concen: 104.12 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001959.D

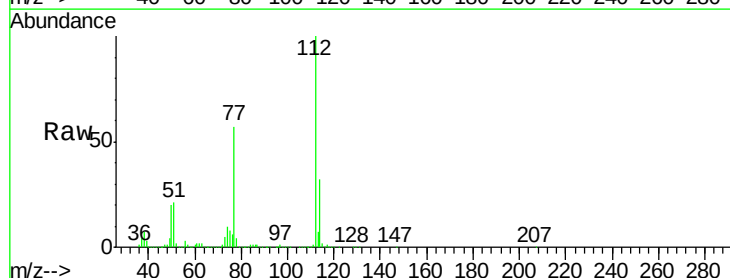
Acq: 24 May 2018 23:52

Tgt Ion: 112 Resp: 1146297

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX001957.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX001959.D (-1486) (-)

10.15

800000

600000

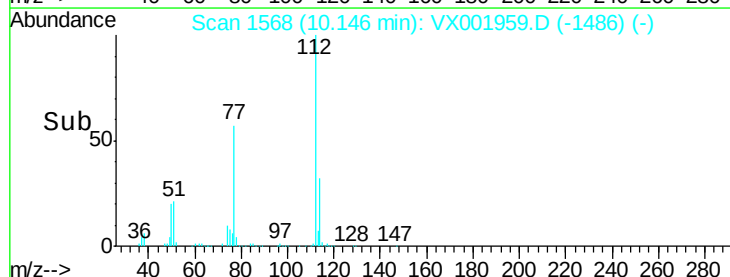
400000

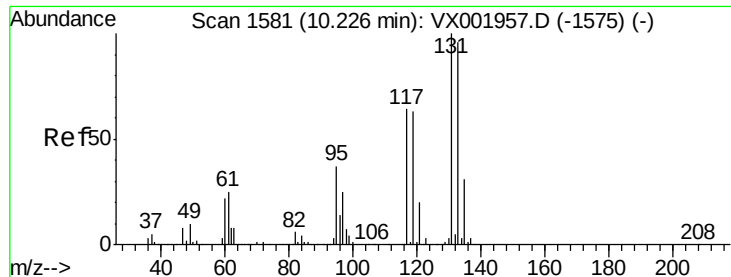
200000

0

10.10 10.20 10.30

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 108.88 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

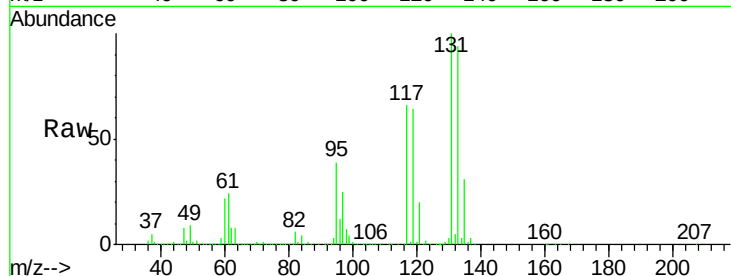
Tgt Ion:131 Resp: 462741

Ion Ratio Lower Upper

131 100

133 95.6 0.0 191.2

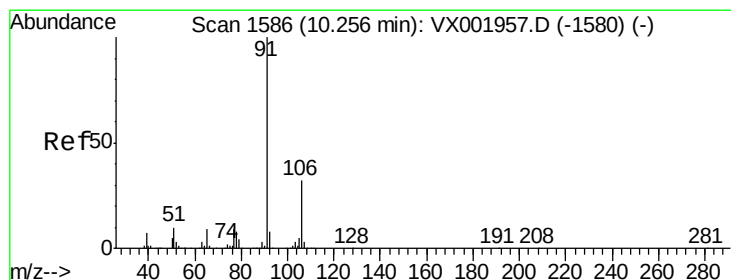
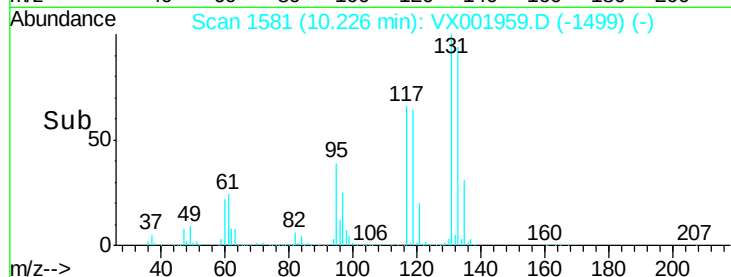
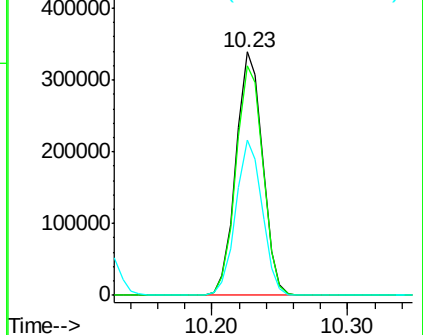
119 63.2 0.0 125.4



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: 112.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001959.D

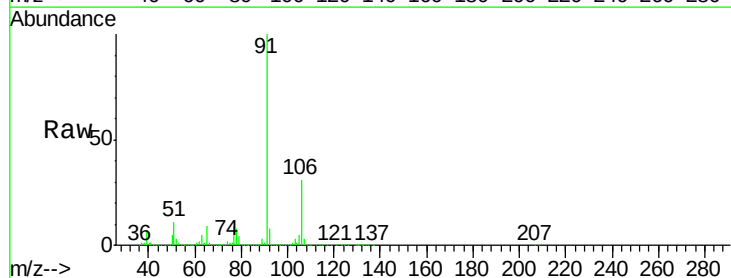
Acq: 24 May 2018 23:52

Tgt Ion: 91 Resp: 1992402

Ion Ratio Lower Upper

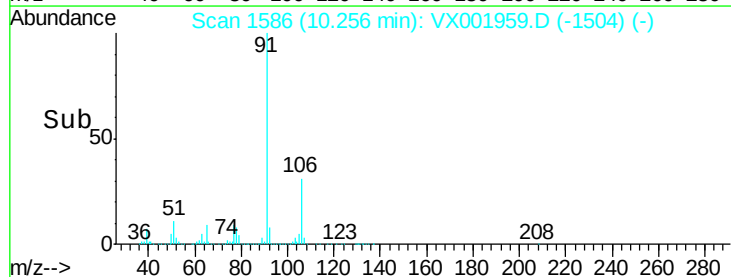
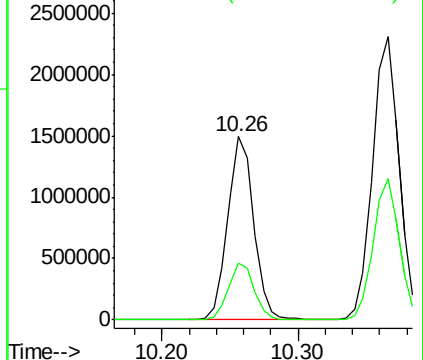
91 100

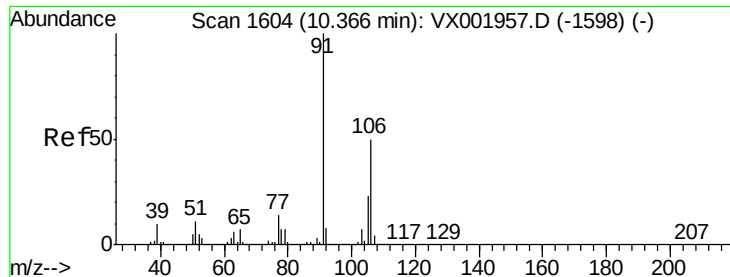
106 31.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 219.27 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

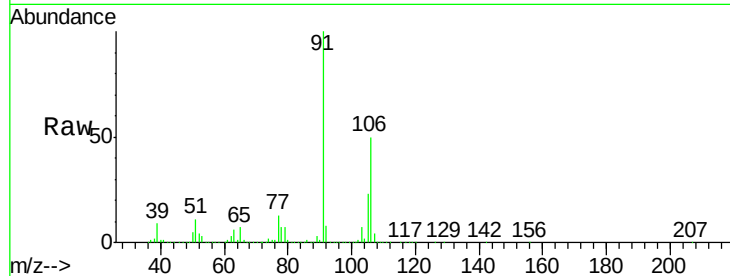
VSTDIC100

Tgt Ion:106 Resp: 1534587

Ion Ratio Lower Upper

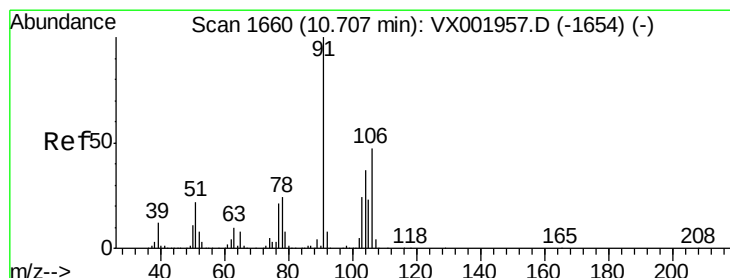
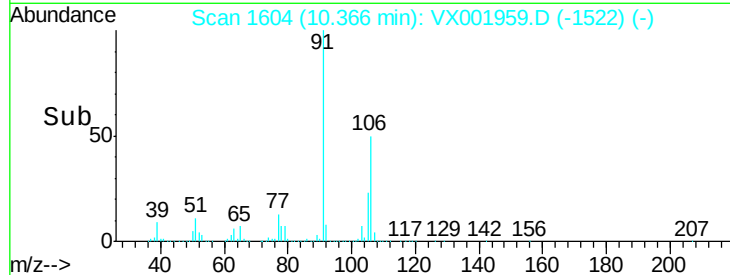
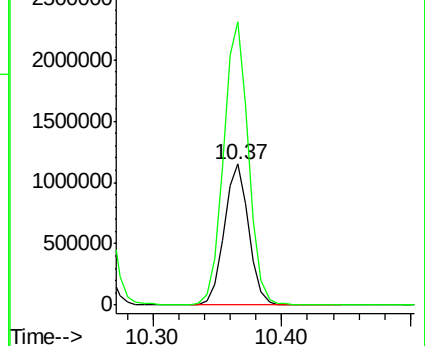
106 100

91 204.7 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 109.29 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX001959.D

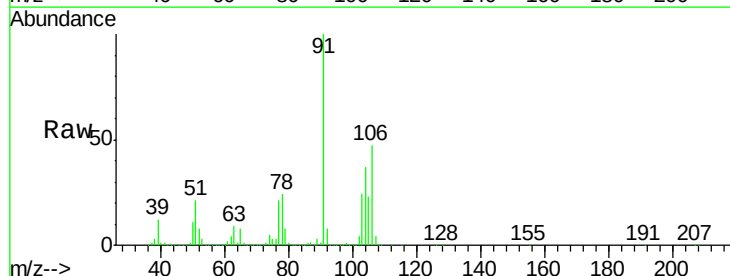
Acq: 24 May 2018 23:52

Tgt Ion:106 Resp: 762163

Ion Ratio Lower Upper

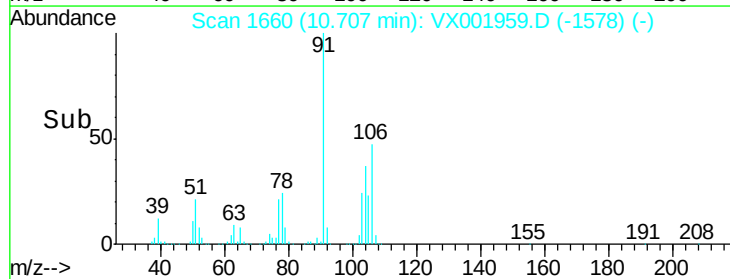
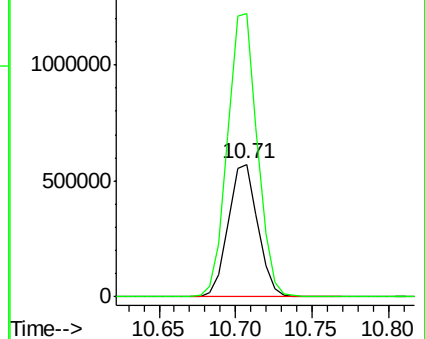
106 100

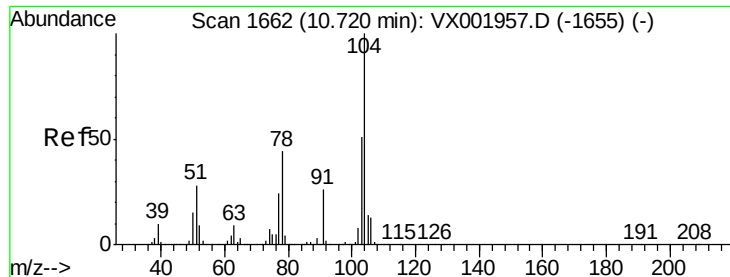
91 216.0 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 113.10 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

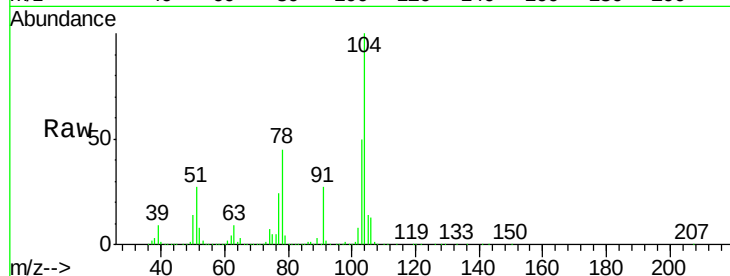
Tgt Ion:104 Resp: 1300600

Ion Ratio Lower Upper

104 100

78 52.0 41.8 62.8

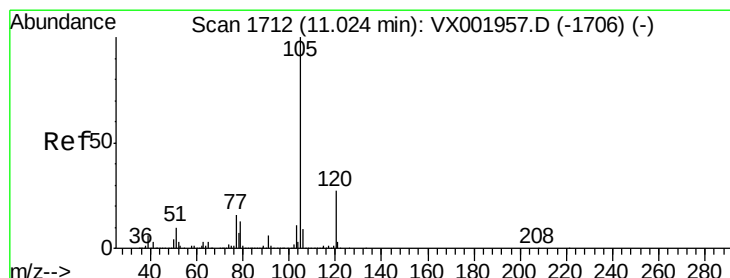
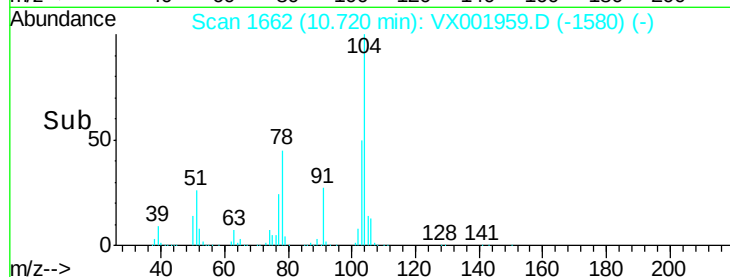
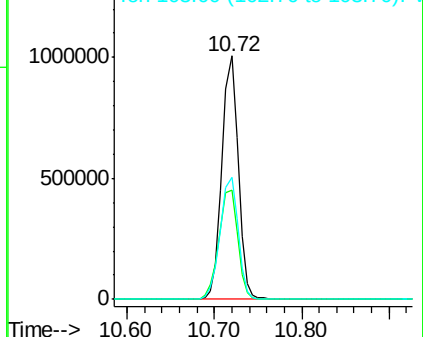
103 55.5 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 113.62 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001959.D

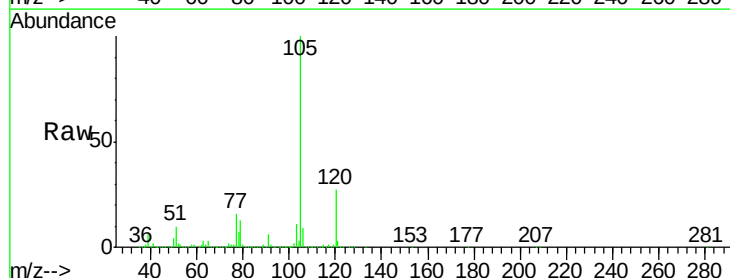
Acq: 24 May 2018 23:52

Tgt Ion:105 Resp: 2047339

Ion Ratio Lower Upper

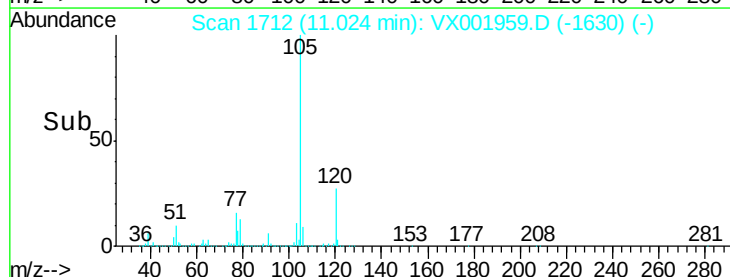
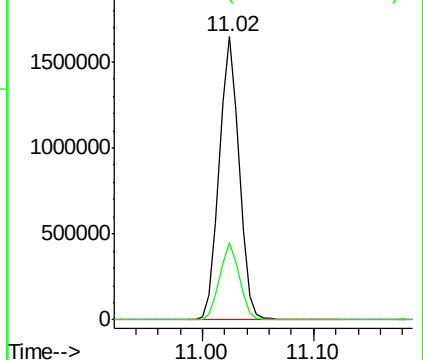
105 100

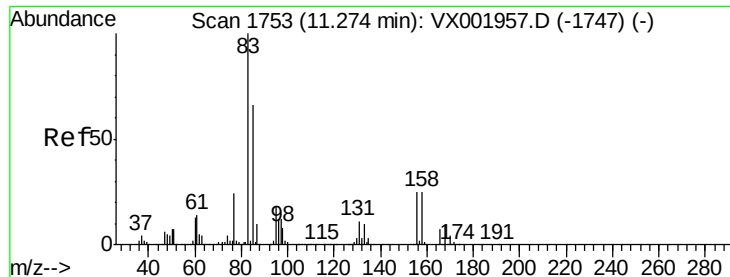
120 27.1 19.0 35.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

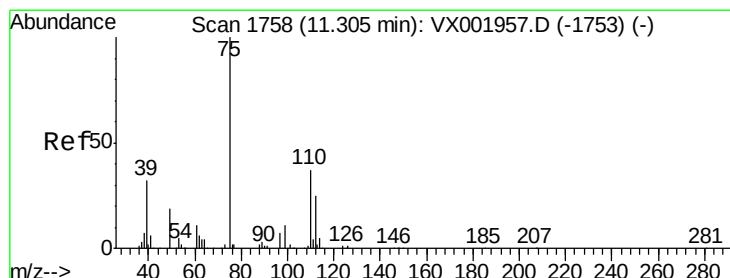
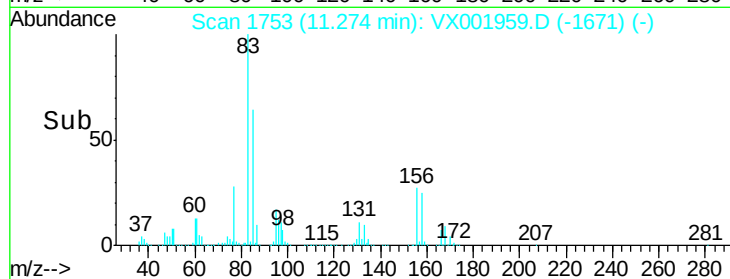
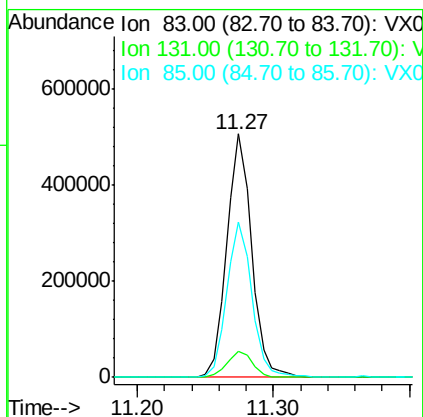
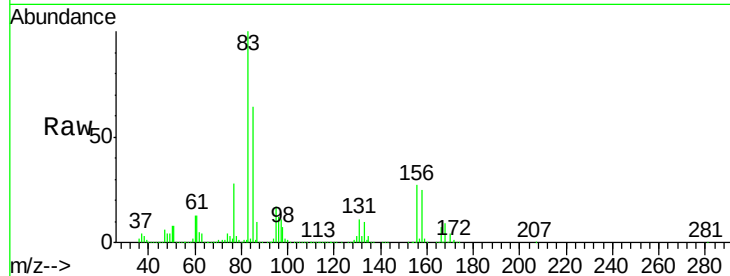




#71
 1,1,2,2-Tetrachloroethane
 Concen: 107.71 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

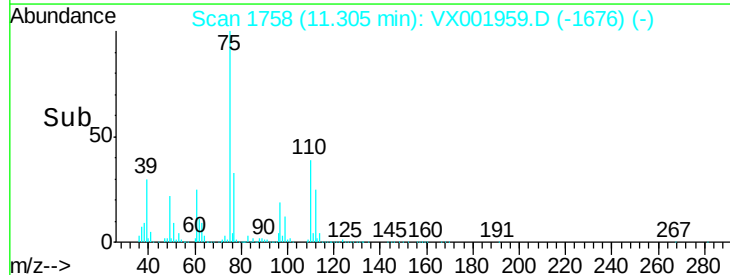
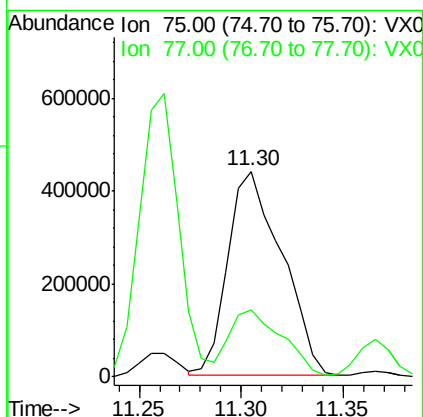
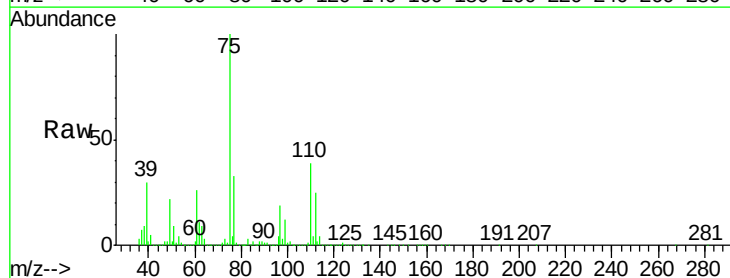
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

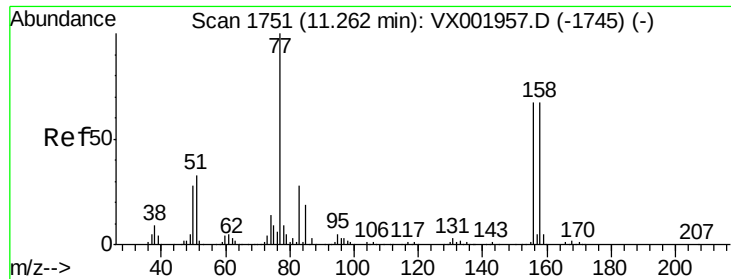
Tgt Ion: 83 Resp: 643237
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 64.6 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 137.56 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 75 Resp: 810709
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 71.8





#73

Bromobenzene

Concen: 105.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

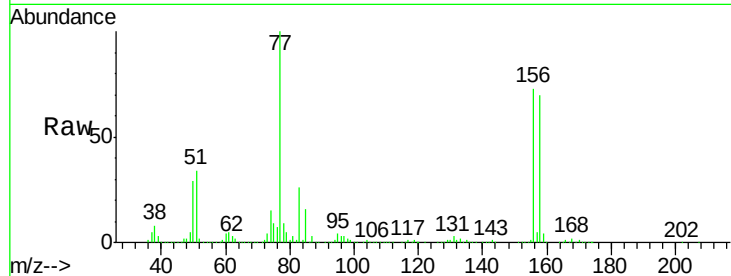
Tgt Ion:156 Resp: 563940

Ion Ratio Lower Upper

156 100

77 145.1 0.0 301.0

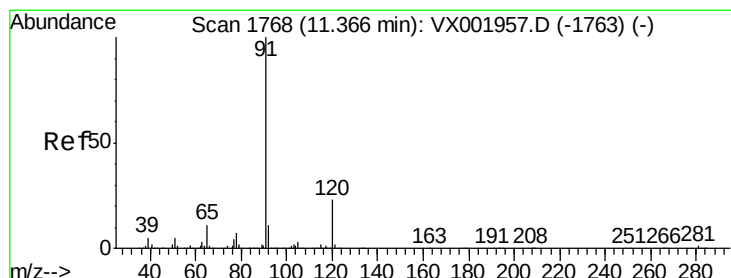
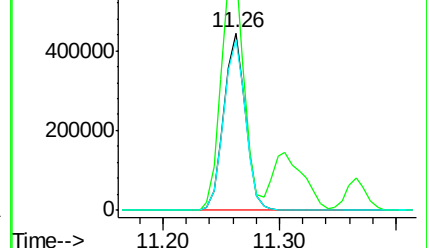
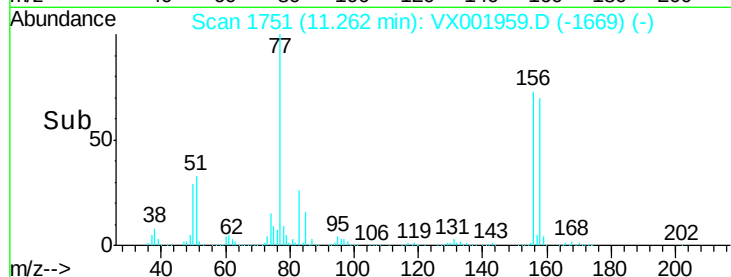
158 97.8 0.0 196.2



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: 118.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001959.D

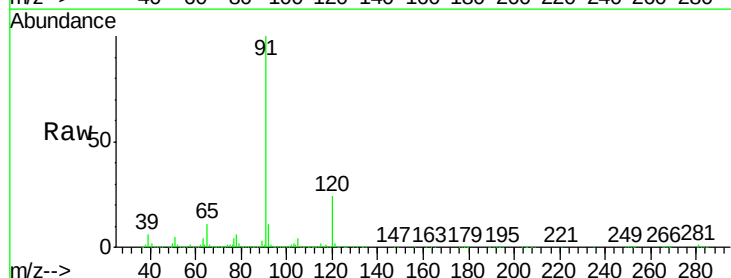
Acq: 24 May 2018 23:52

Tgt Ion: 91 Resp: 2345304

Ion Ratio Lower Upper

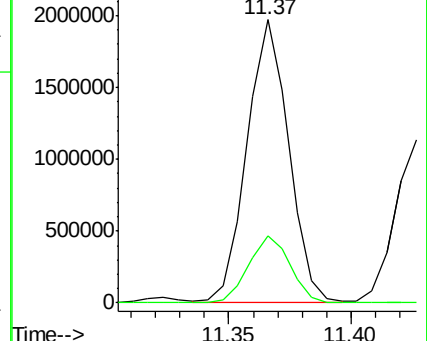
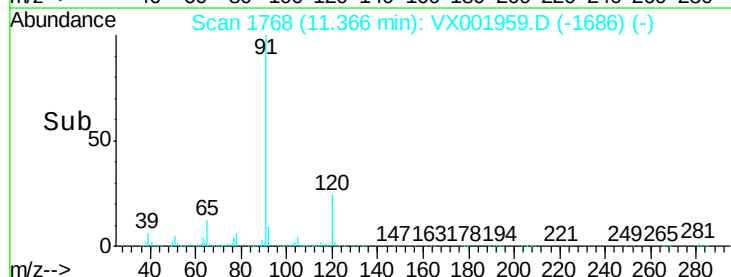
91 100

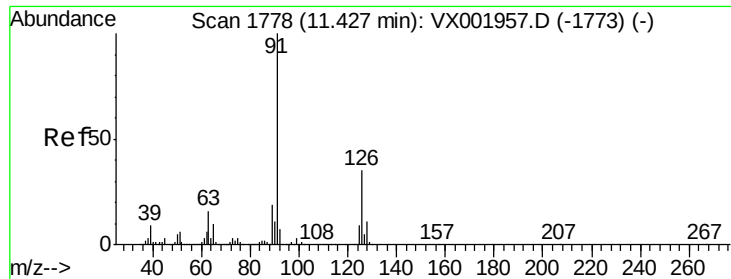
120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 114.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

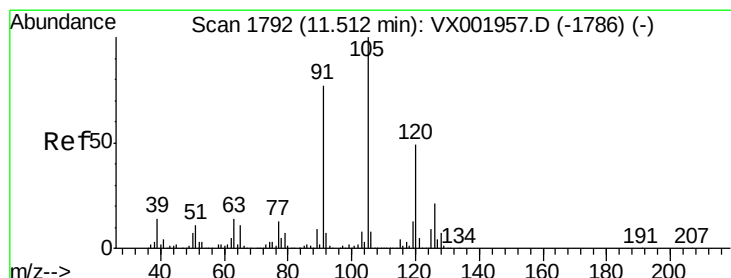
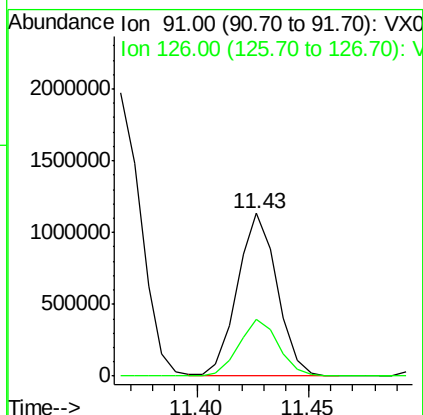
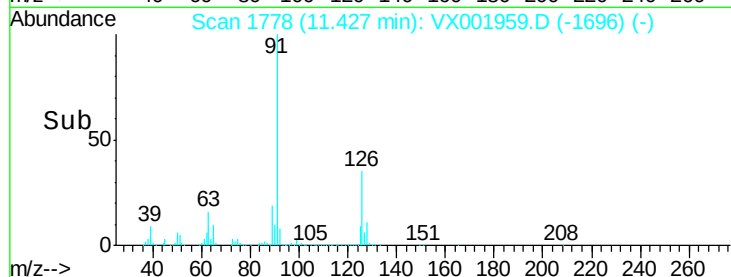
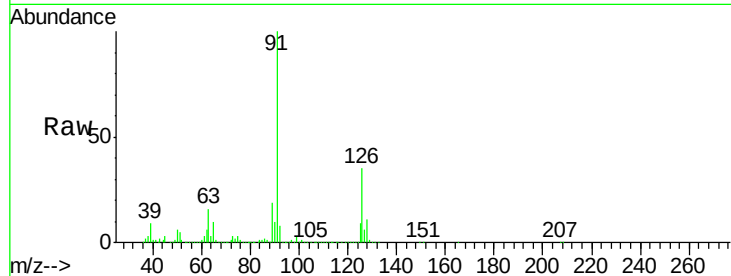
VSTDIC100

Tgt Ion: 91 Resp: 1417140

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 115.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001959.D

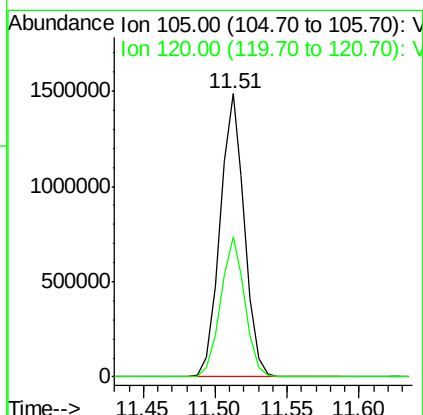
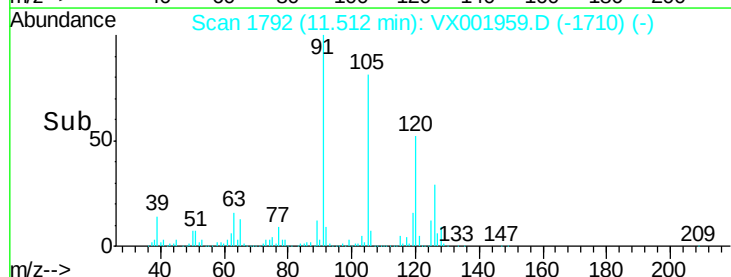
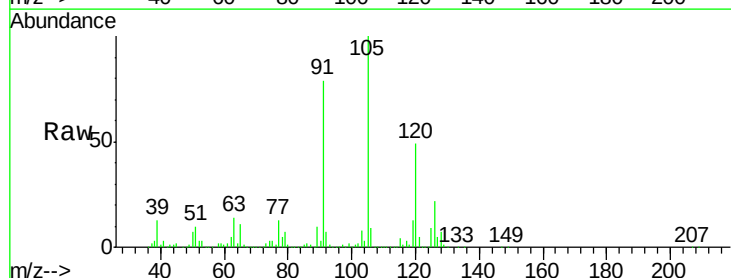
Acq: 24 May 2018 23:52

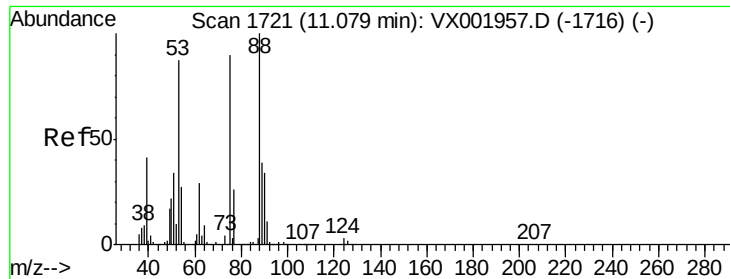
Tgt Ion: 105 Resp: 1755262

Ion Ratio Lower Upper

105 100

120 48.9 0.0 96.8



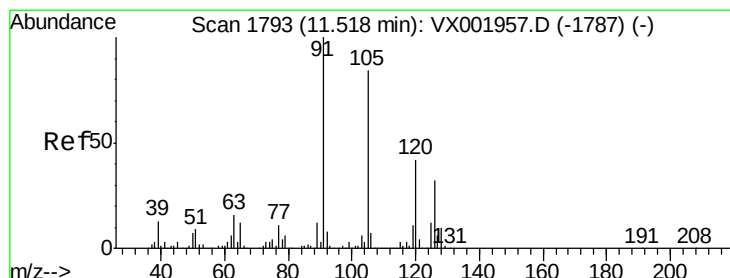
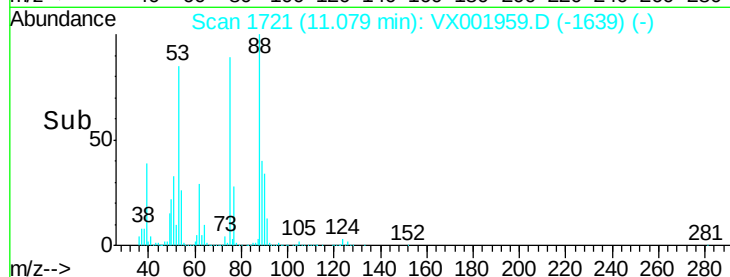
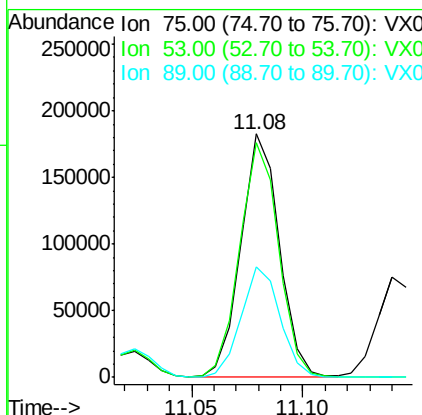
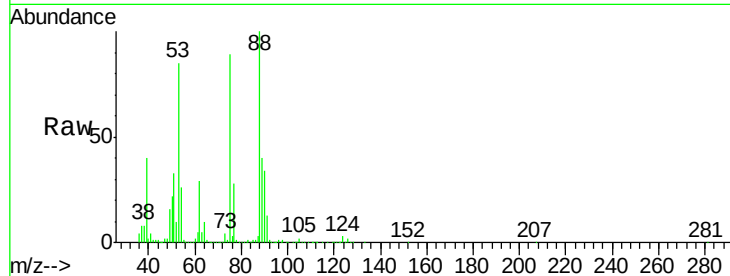


#77
t-1,4-Dichloro-2-butene
Concen: 134.84 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 220110

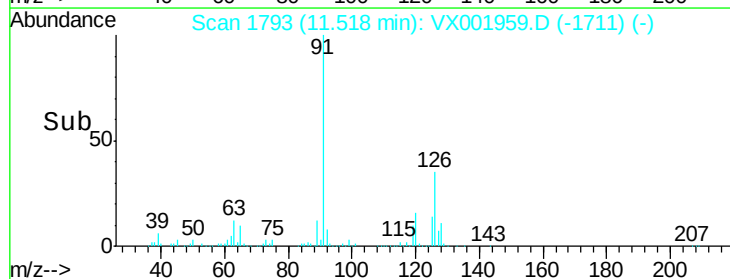
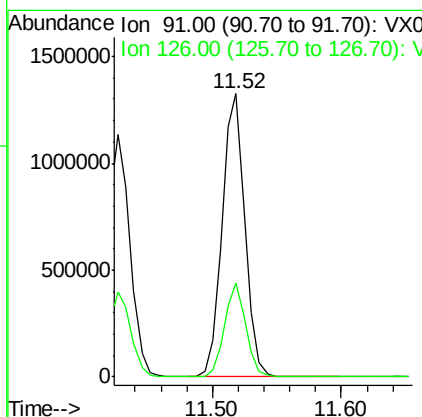
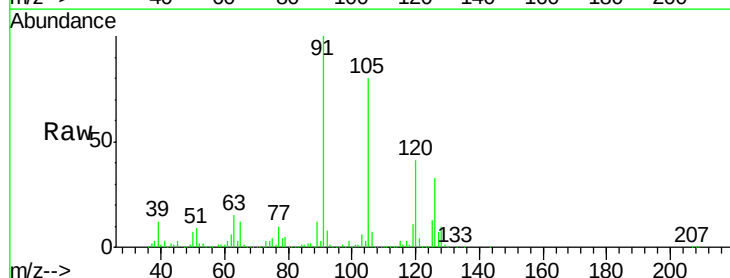
Ion	Ratio	Lower	Upper
75	100		
53	96.2	48.3	144.9
89	45.4	21.8	65.4

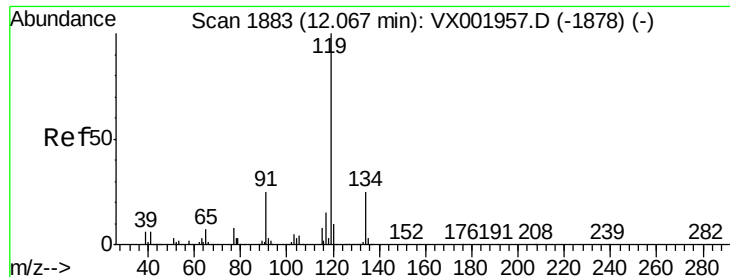


#78
4-Chlorotoluene
Concen: 116.92 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001959.D
Acq: 24 May 2018 23:52

Tgt Ion: 91 Resp: 1647209

Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	61.0





#79

tert-butylbenzene

Concen: 118.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

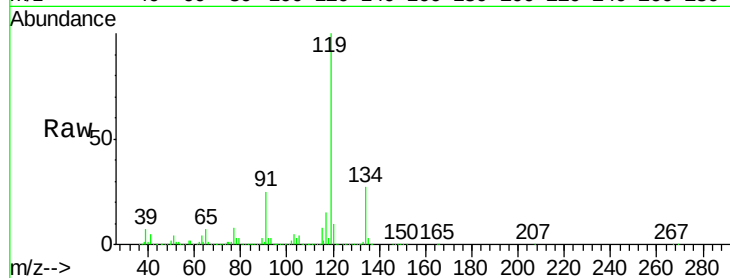
Tgt Ion:119 Resp: 1893442

Ion Ratio Lower Upper

119 100

91 24.2 0.0 48.0

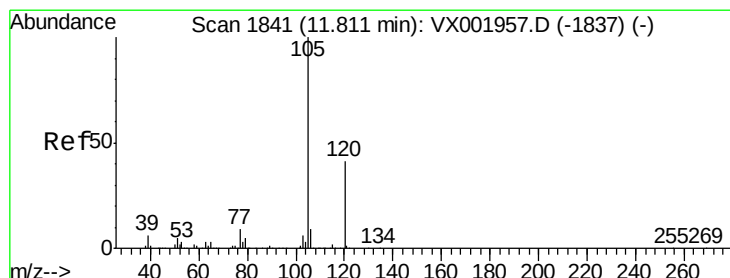
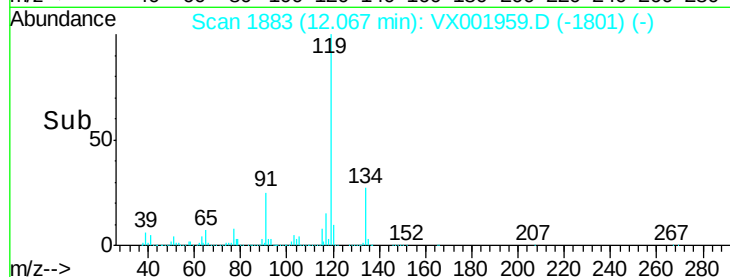
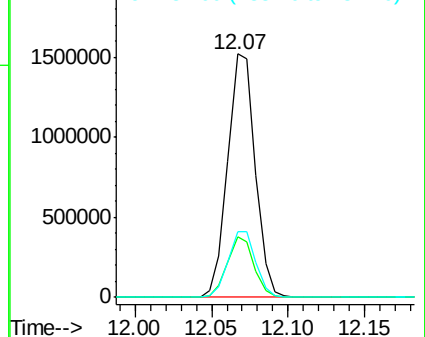
134 27.0 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 115.60 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001959.D

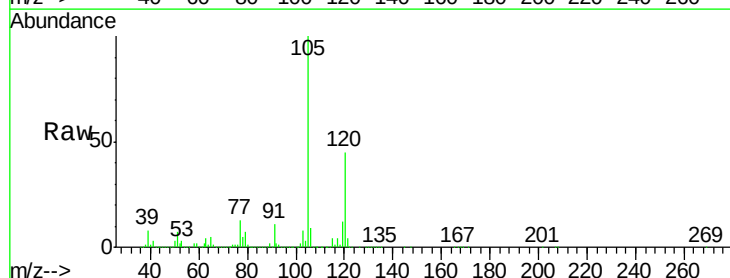
Acq: 24 May 2018 23:52

Tgt Ion:105 Resp: 1787313

Ion Ratio Lower Upper

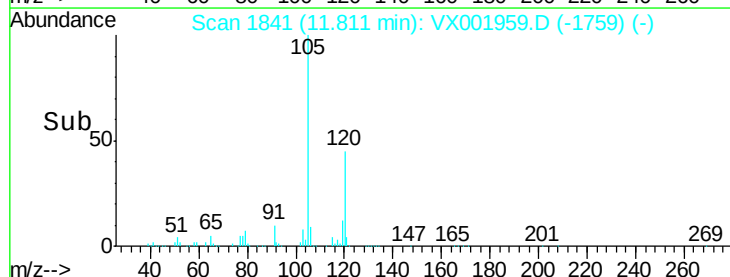
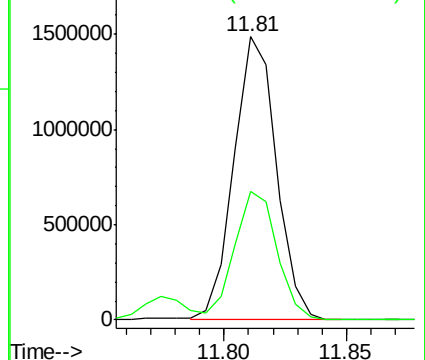
105 100

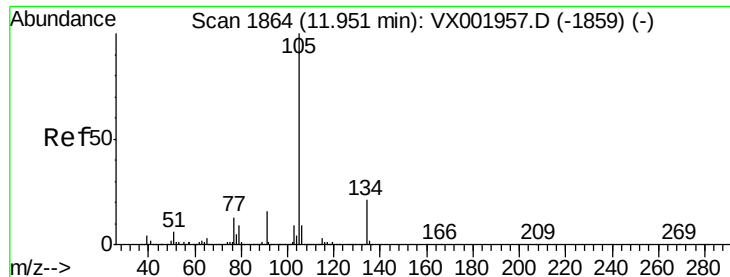
120 45.5 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 118.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

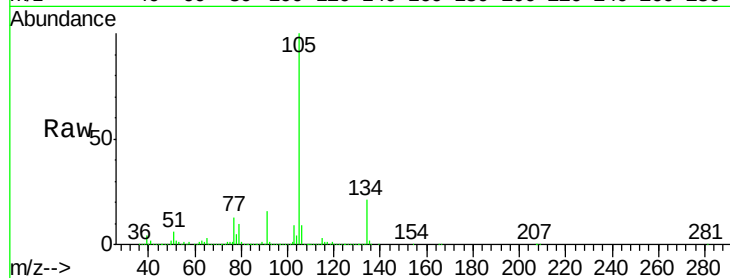
VSTDIC100

Tgt Ion:105 Resp: 2086313

Ion Ratio Lower Upper

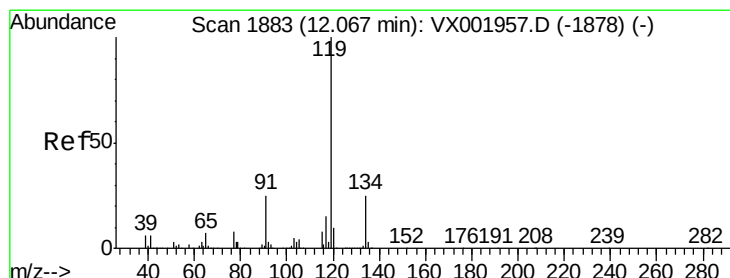
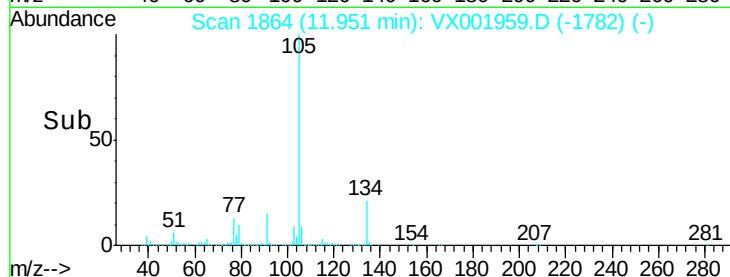
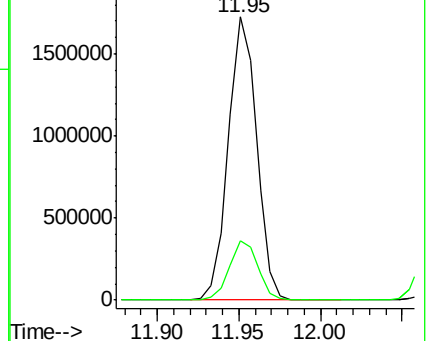
105 100

134 21.1 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 118.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

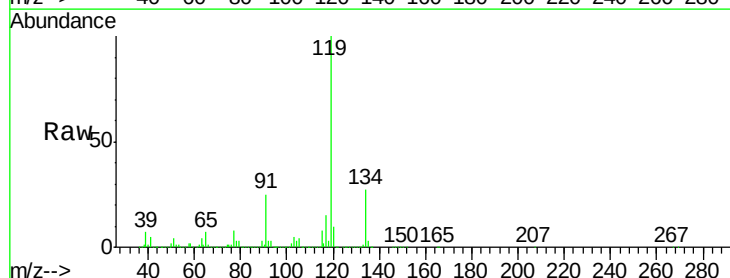
Tgt Ion:119 Resp: 1893442

Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.6

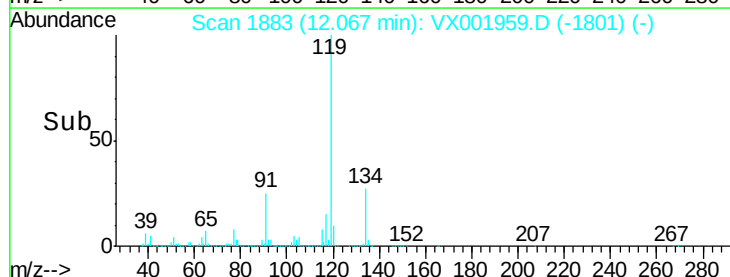
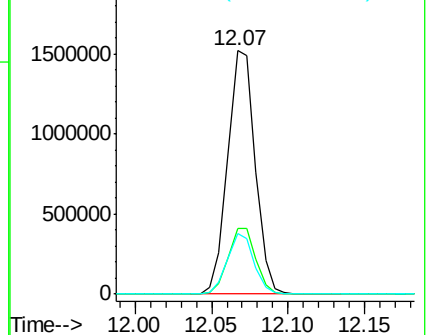
91 24.2 0.0 48.0

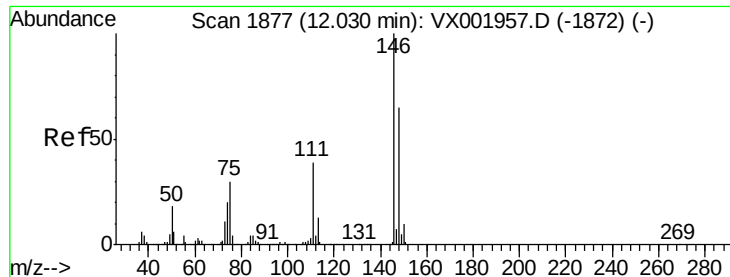


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

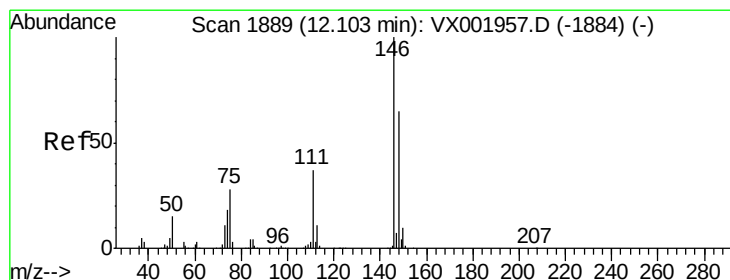
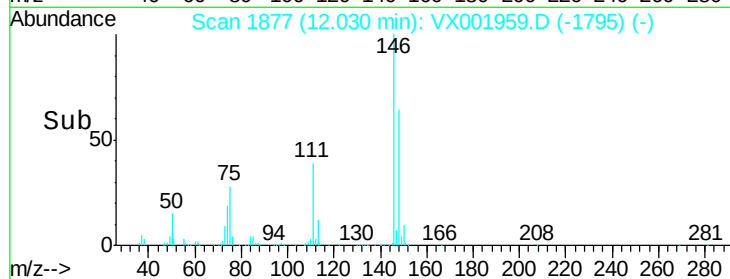
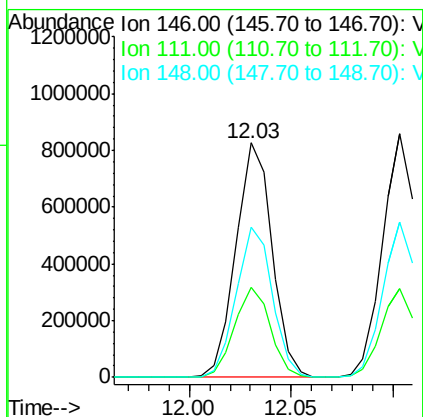
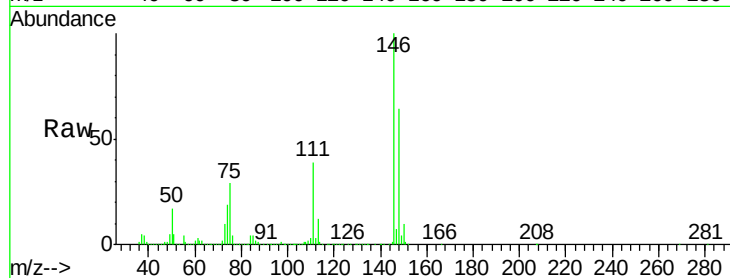




#83
 1,3-Dichlorobenzene
 Concen: 109.39 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

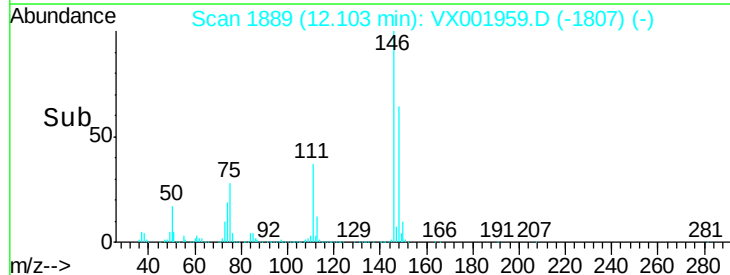
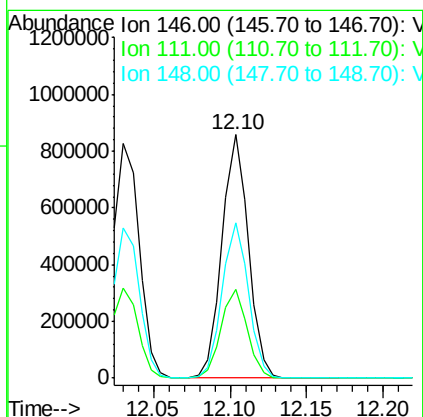
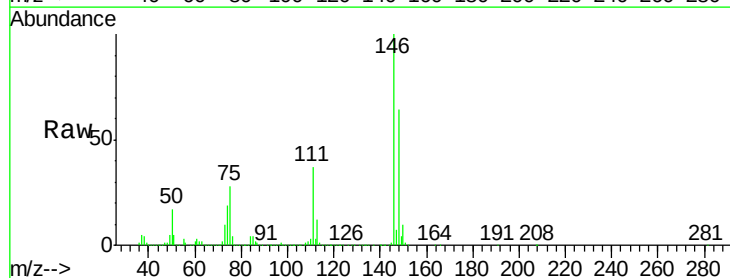
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

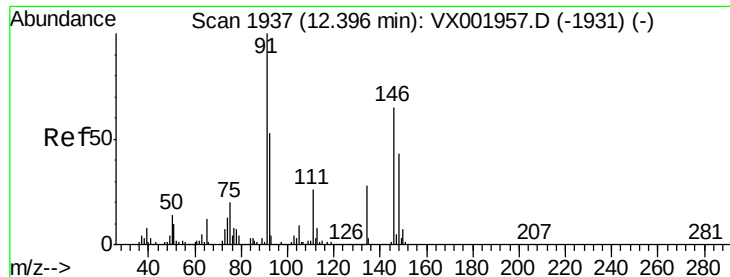
Tgt Ion:146 Resp: 1016077
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 64.3 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 110.11 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion:146 Resp: 1025735
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.5 55.5
 148 63.9 32.0 96.0





#85

n-Butylbenzene

Concen: 127.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

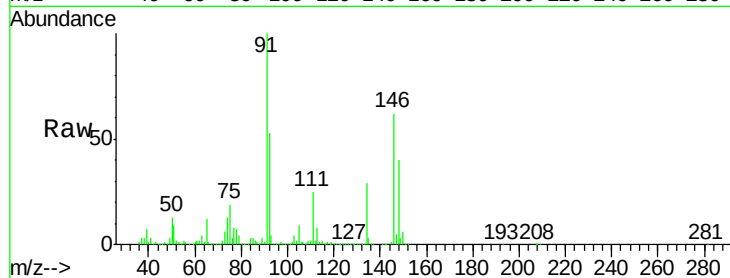
Tgt Ion: 91 Resp: 1638282

Ion Ratio Lower Upper

91 100

92 52.9 0.0 105.2

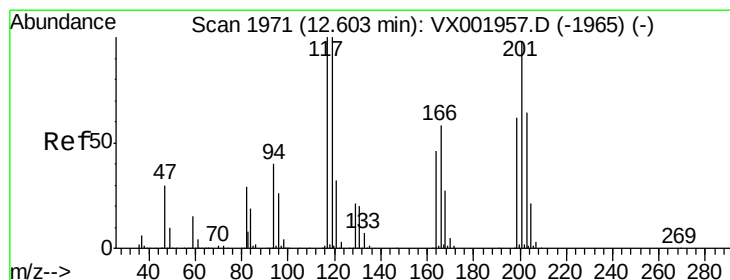
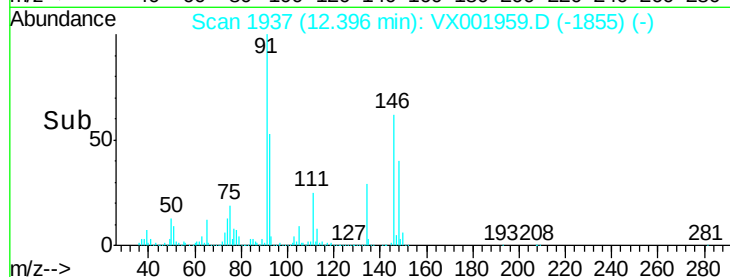
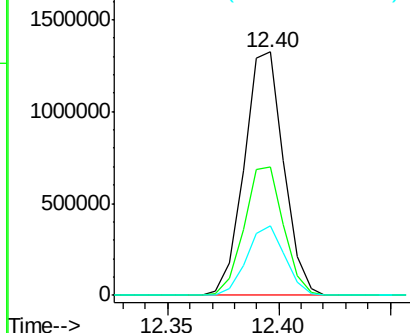
134 27.5 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX001959.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX001959.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX001959.D (-1931) (-)



#86

Hexachloroethane

Concen: 137.27 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001959.D

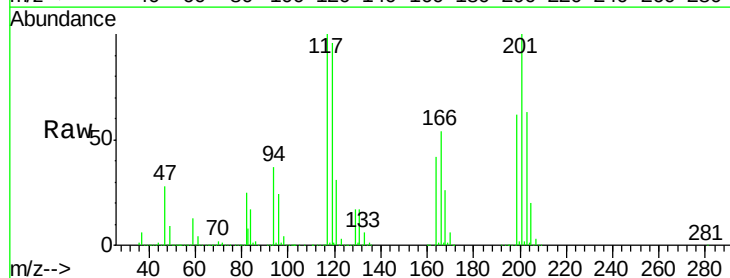
Acq: 24 May 2018 23:52

Tgt Ion: 117 Resp: 371382

Ion Ratio Lower Upper

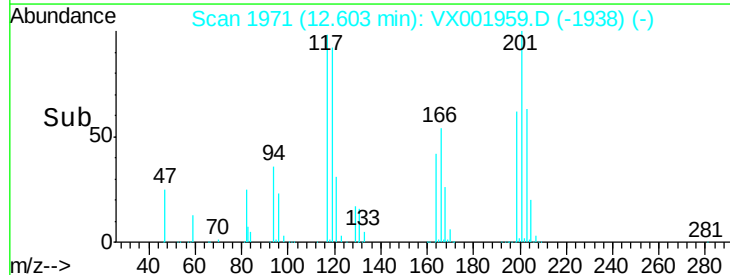
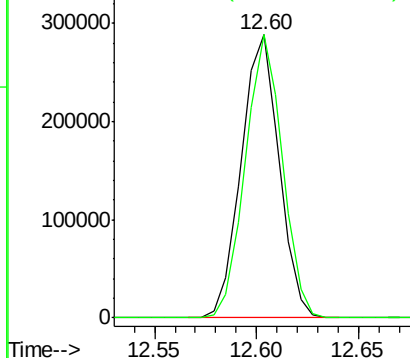
117 100

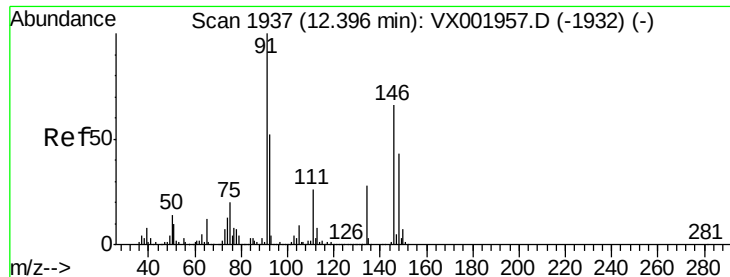
201 98.1 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX001959.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX001959.D (-1965) (-)

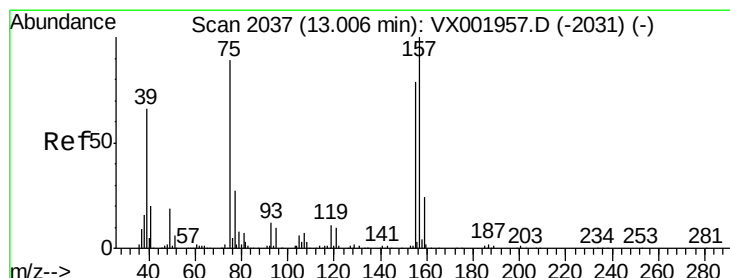
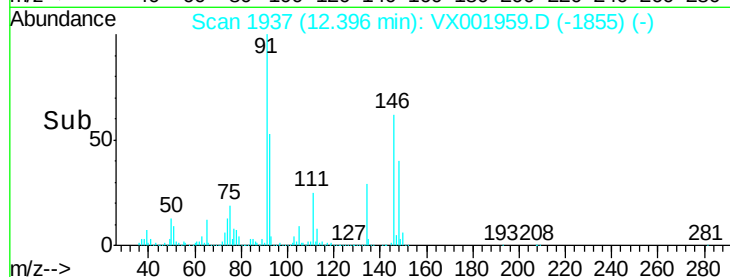
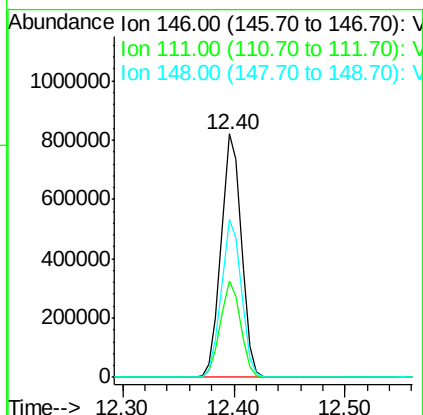
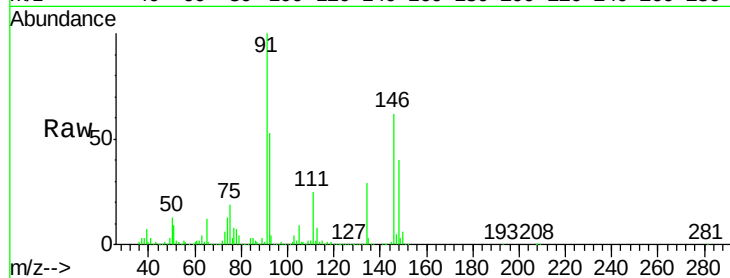




#87
 1,2-Dichlorobenzene
 Concen: 108.11 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

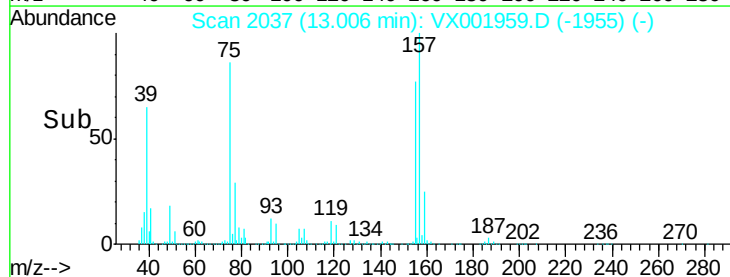
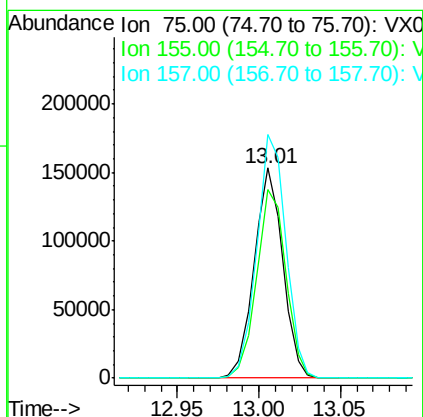
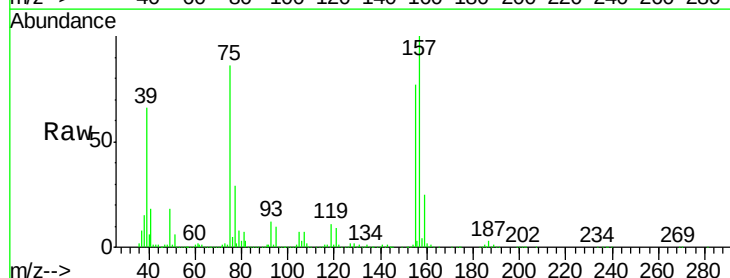
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

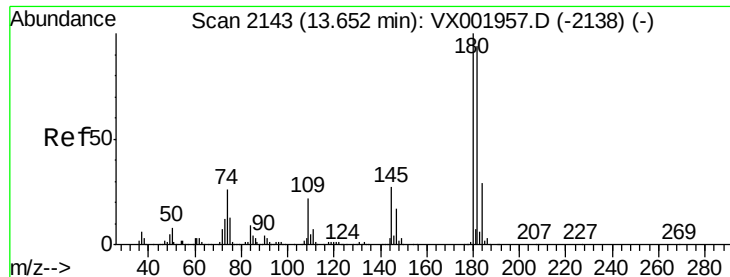
Tgt Ion:146 Resp: 1039443
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.1 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 127.52 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion: 75 Resp: 187416
 Ion Ratio Lower Upper
 75 100
 155 91.7 73.1 109.7
 157 118.2 93.1 139.7

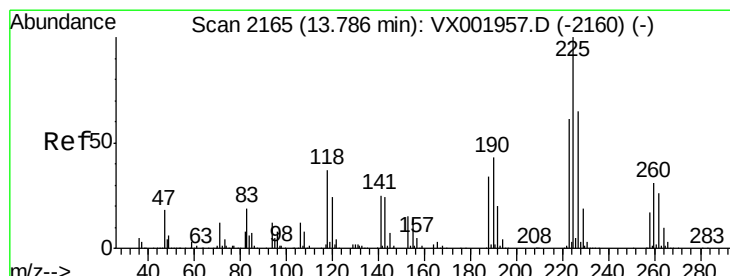
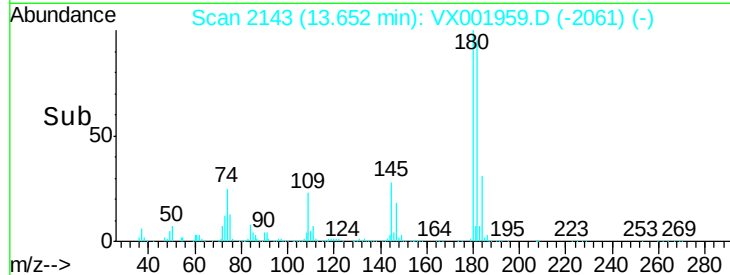
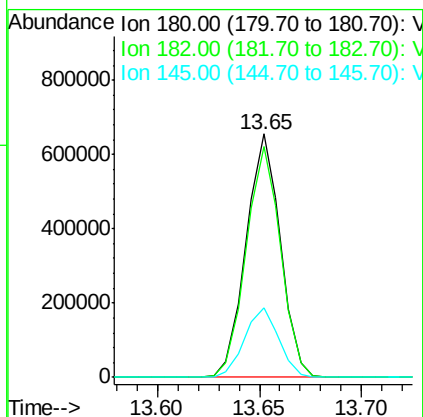
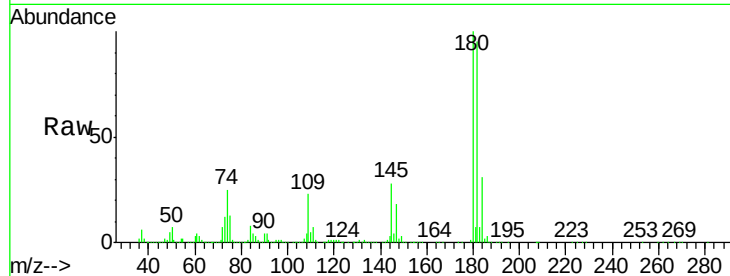




#89
 1,2,4-Trichlorobenzene
 Concen: 112.01 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

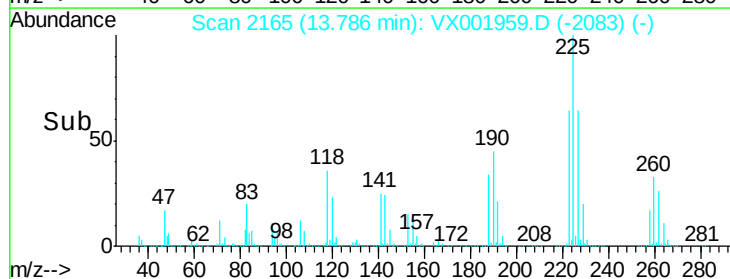
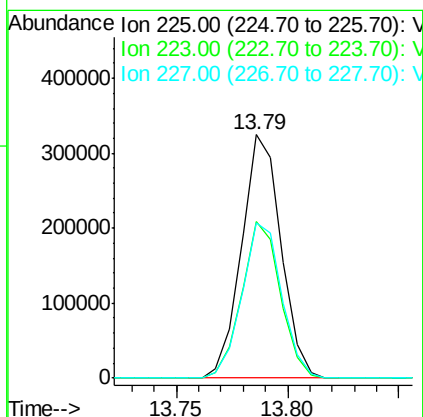
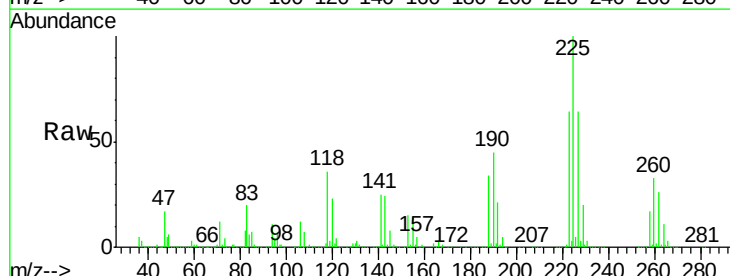
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

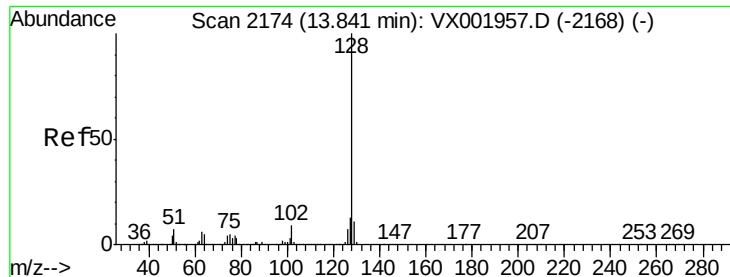
Tgt Ion:180 Resp: 766844
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 145 28.5 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 114.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001959.D
 Acq: 24 May 2018 23:52

Tgt Ion:225 Resp: 401454
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 122.4
 227 64.2 0.0 128.0





#91

Naphthalene

Concen: 111.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

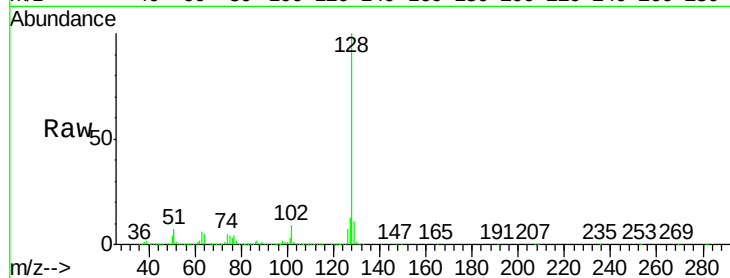
Tgt Ion:128 Resp: 2325543

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

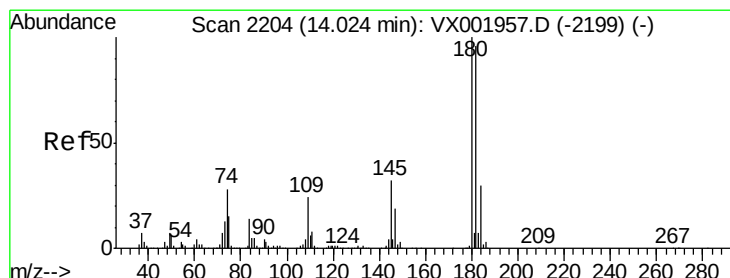
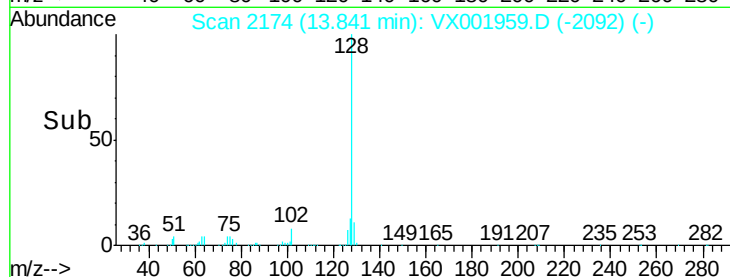
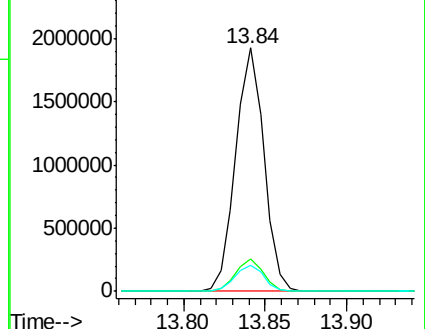
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 107.83 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001959.D

Acq: 24 May 2018 23:52

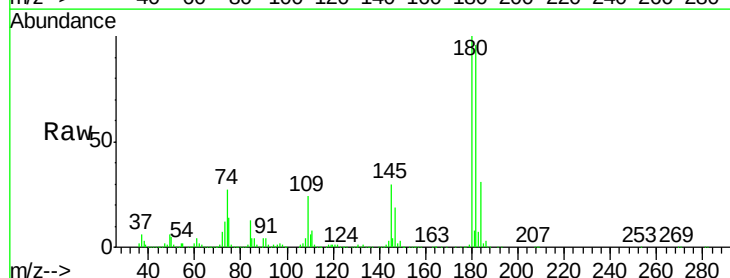
Tgt Ion:180 Resp: 780012

Ion Ratio Lower Upper

180 100

182 96.0 0.0 191.0

145 30.0 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

