

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
 Data File : VX001809.D
 Acq On : 18 May 2018 05:34
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: May 18 06:39:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	57810	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	273081	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	208212	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	114059	27.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.63%
60) 4-Bromofluorobenzene	11.14	95	95946	29.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.40%
63) Toluene-d8	8.72	98	316343	33.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.73%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163889	66.14	ug/l	98
3) Chloromethane	1.32	50	309284	102.49	ug/l	100
4) Vinyl Chloride	1.40	62	278080	91.21	ug/l	99
5) Bromomethane	1.64	94	124320	80.86	ug/l	98
6) Chloroethane	1.71	64	197668	95.61	ug/l	100
7) Trichlorofluoromethane	1.92	101	301845	71.60	ug/l	97
8) Diethyl Ether	2.19	74	214302	107.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	170668	73.25	ug/l	98
10) 1,1-Dichloroethene	2.37	96	210298	84.47	ug/l	100
11) Methyl Iodide	2.51	142	410908	110.67	ug/l	97
12) Methyl Acetate	2.78	43	521357	114.78	ug/l	99
13) Acrolein	2.30	56	296573	563.69	ug/l	99
14) Acrylonitrile	3.16	53	972974	541.88	ug/l	99
15) Acetone	2.45	58	264074	545.37	ug/l	99
16) Carbon Disulfide	2.56	76	562959	90.71	ug/l	99
17) Allyl chloride	2.73	41	479951	98.21	ug/l	98
18) Methylene Chloride	2.86	84	316938	102.78	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	258361	93.46	ug/l	95
20) Diisopropyl ether	3.88	45	1057129	111.75	ug/l	99
21) 1,1-Dichloroethane	3.70	63	521926	98.73	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	350103	109.01	ug/l	97
23) tert-Butyl Alcohol	3.09	59	411369	521.67	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	1003961	105.43	ug/l	100
25) Chloroform	5.22	83	557564	101.30	ug/l	99
26) Cyclohexane	5.57	56	309254	84.09	ug/l	# 99
29) 1,1-Dichloropropene	5.80	75	317590	96.29	ug/l	99
30) 2-Butanone	4.72	43	1404081	601.19	ug/l	99
31) 2,2-Dichloropropane	4.59	77	187548	69.74	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	403966	95.73	ug/l	98
33) Carbon Tetrachloride	5.79	117	330438	90.28	ug/l	99
34) Benzene	6.15	78	1220543	110.38	ug/l	98
35) Methacrylonitrile	5.07	41	302064	119.79	ug/l	96
36) 1,2-Dichloroethane	6.20	62	454120	103.95	ug/l	100
37) Trichloroethene	7.22	130	332598	104.27	ug/l	97
38) Methylcyclohexane	7.46	83	315094	91.58	ug/l	96
39) 1,2-Dichloropropane	7.52	63	328113	116.82	ug/l	100
40) Dibromomethane	7.67	93	229921	114.17	ug/l	99

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 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: May 18 06:39:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 06:08:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	433371	115.68	ug/l	97
42) Vinyl Acetate	3.83	43	3685082	503.44	ug/l	99
43) Ethyl Acetate	4.87	43	529552	119.07	ug/l	99
44) Isopropyl Acetate	6.48	43	824959	121.78	ug/l	99
45) 1,4-Dioxane	7.76	88	199198	2506.29	ug/l	96
46) Methyl methacrylate	7.79	41	435419	119.86	ug/l	98
47) n-amyl Acetate	10.91	43	607308	109.53	ug/l	97
48) t-1,3-Dichloropropene	8.44	75	481042	117.24	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	440030	121.48	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	301314	103.05	ug/l	98
51) Ethyl methacrylate	9.19	69	469792	111.74	ug/l	99
52) 1,3-Dichloropropane	9.38	76	494174	103.08	ug/l	99
53) Dibromochloromethane	9.59	129	333079	110.38	ug/l	100
54) 1,2-Dibromoethane	9.68	107	320457	104.77	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1367457	598.21	ug/l	99
56) Bromoform	10.87	173	292331	117.67	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	2732829	684.29	ug/l	98
59) 2-Hexanone	9.51	43	1784444	617.09	ug/l	99
61) Tetrachloroethene	9.34	164	305233	102.92	ug/l	99
62) Toluene	8.79	91	1224970	120.19	ug/l	100
64) Chlorobenzene	10.15	112	710814	108.91	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	298454	118.42	ug/l	99
66) Ethyl Benzene	10.26	91	1053106	104.05	ug/l	99
67) m/p-Xylenes	10.37	106	835853	207.11	ug/l	100
68) o-Xylene	10.71	106	436652	108.36	ug/l	98
69) Styrene	10.72	104	746779	111.58	ug/l	100
70) Isopropylbenzene	11.02	105	1006581	98.94	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	441069	120.96	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	507364	143.63	ug/l	90
73) Bromobenzene	11.26	156	350562	110.10	ug/l	98
74) n-propylbenzene	11.37	91	1079214	97.20	ug/l	100
75) 2-Chlorotoluene	11.43	91	718529	101.58	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	854496	99.94	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	113066	128.31	ug/l	83
78) 4-Chlorotoluene	11.52	91	809881	101.11	ug/l	99
79) tert-butylbenzene	12.07	119	885853	99.23	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	895852	102.31	ug/l	100
81) sec-Butylbenzene	11.95	105	946154	96.70	ug/l	99
82) p-Isopropyltoluene	12.07	119	885853	99.23	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	559326	102.94	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	564452	103.53	ug/l	99
85) n-Butylbenzene	12.40	91	690675	98.19	ug/l	99
86) Hexachloroethane	12.60	117	151568	105.41	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	600748	105.70	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	105994	126.45	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	421422	105.98	ug/l	99
90) Hexachlorobutadiene	13.79	225	192934	96.38	ug/l	98
91) Naphthalene	13.84	128	1493678	121.48	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	453815	106.69	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
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Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 18 06:39:52 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 06:08:30 2018
Response via : Initial Calibration

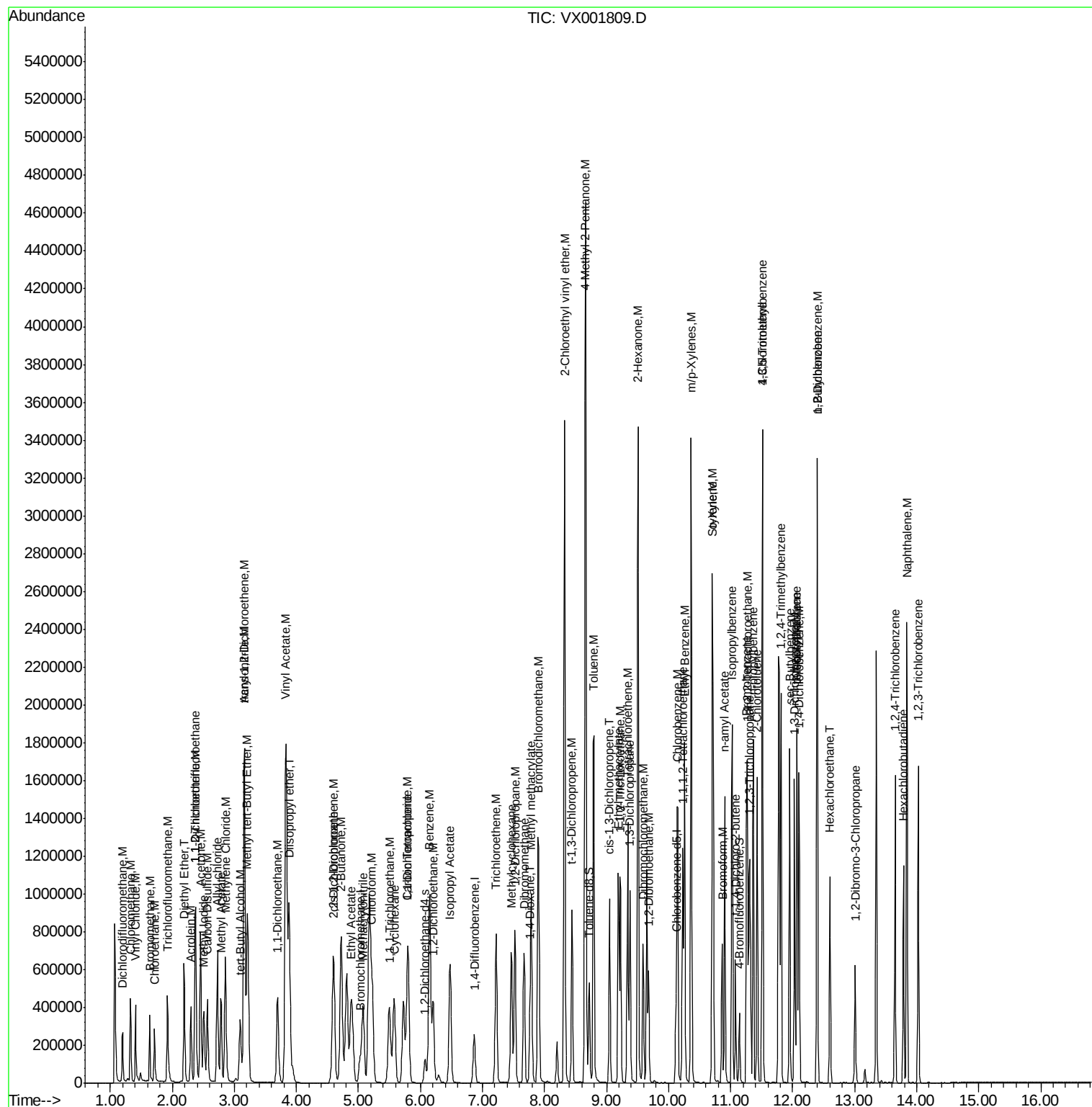
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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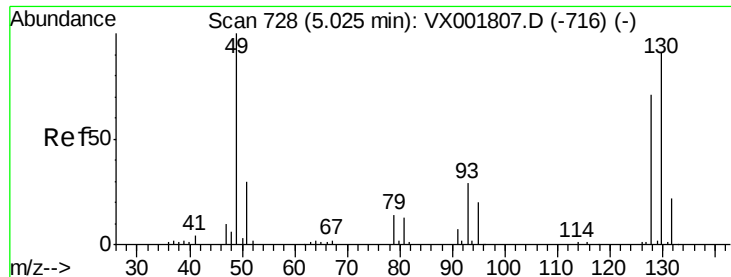
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
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Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 18 06:39:52 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
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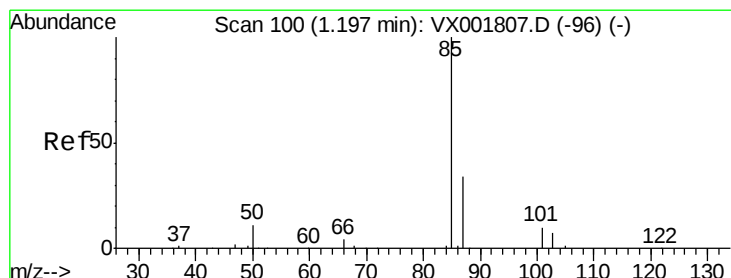
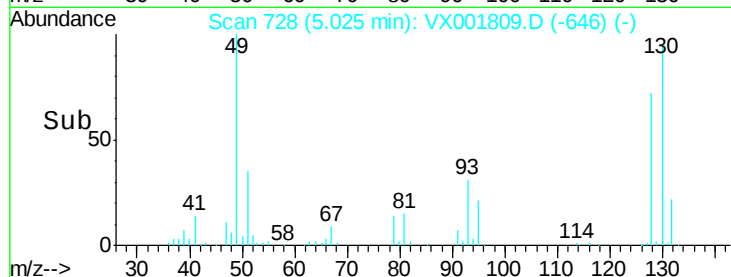
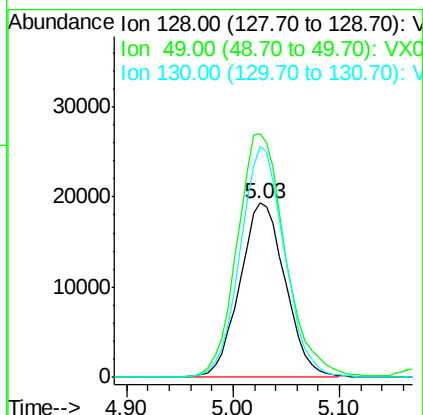
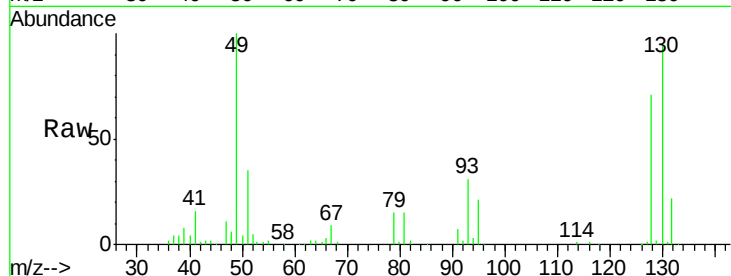




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

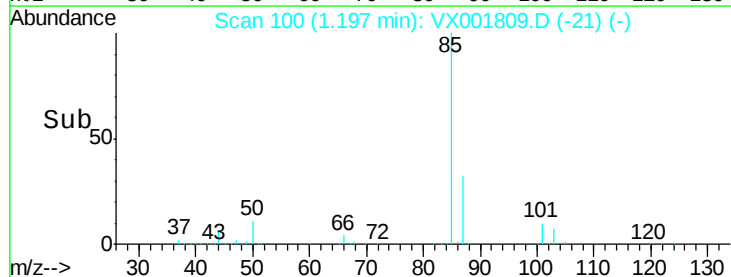
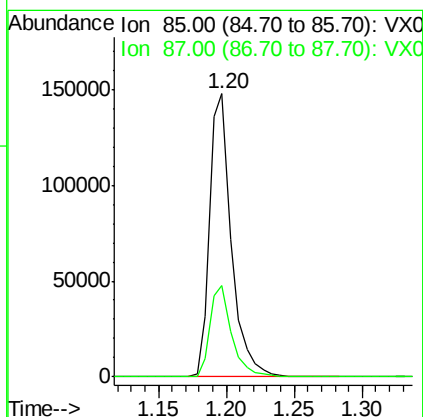
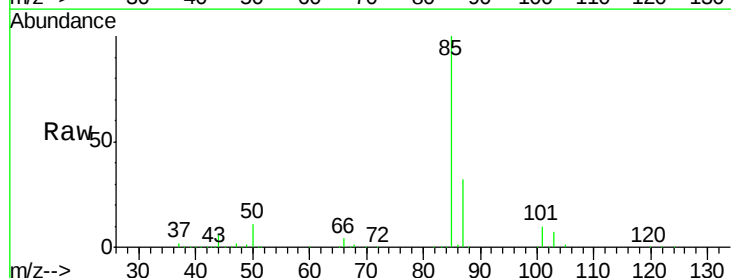
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

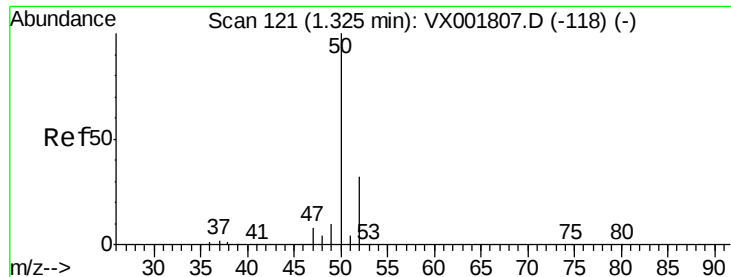
Tgt Ion:128 Resp: 57810
 Ion Ratio Lower Upper
 128 100
 49 148.3 0.0 352.3
 130 129.5 0.0 323.5



#2
 Dichlorodifluoromethane
 Concen: 66.14 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 85 Resp: 163889
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.9 50.7





#3

Chloromethane

Concen: 102.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

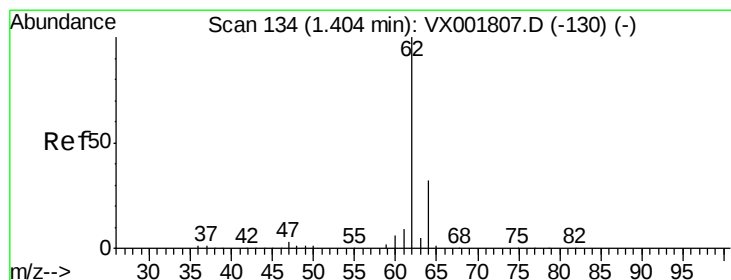
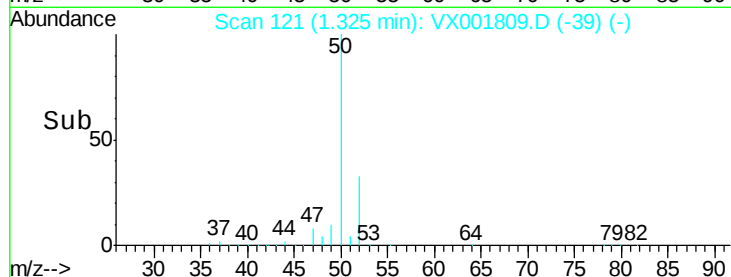
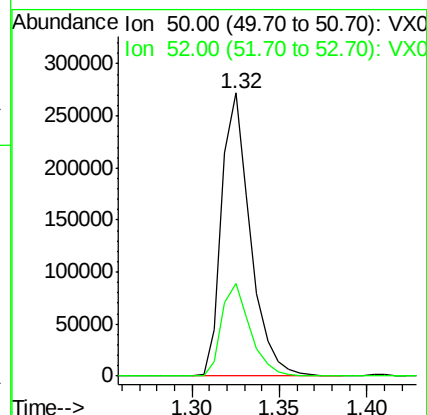
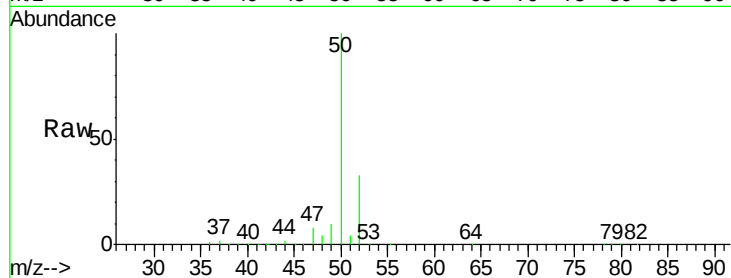
VSTDIC100

Tgt Ion: 50 Resp: 309284

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



#4

Vinyl Chloride

Concen: 91.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001809.D

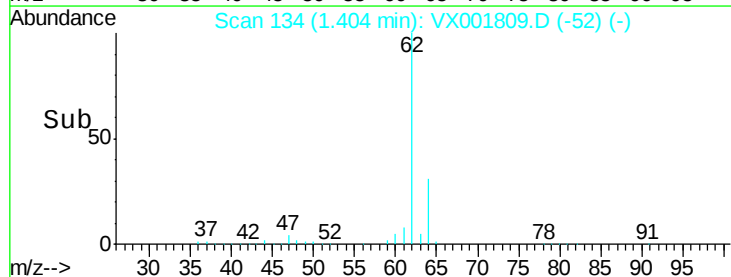
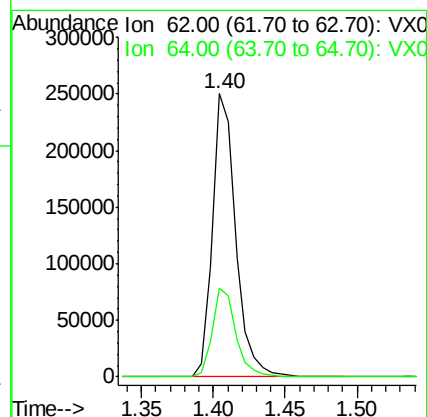
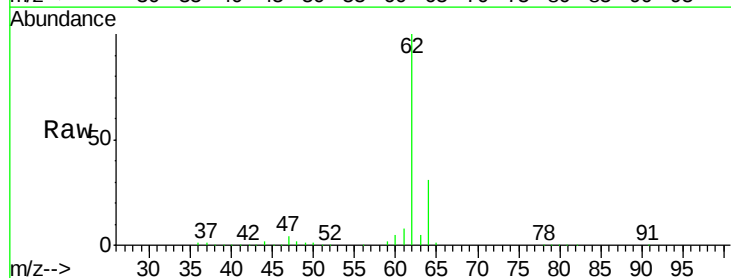
Acq: 18 May 2018 05:34

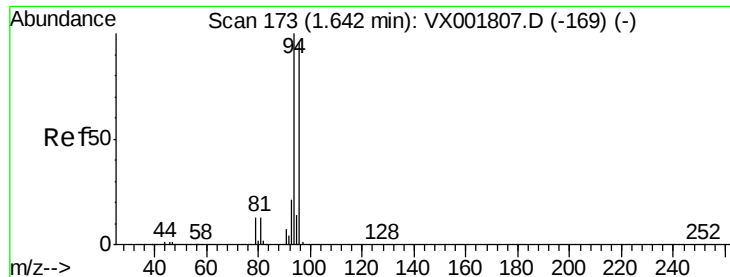
Tgt Ion: 62 Resp: 278080

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 80.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

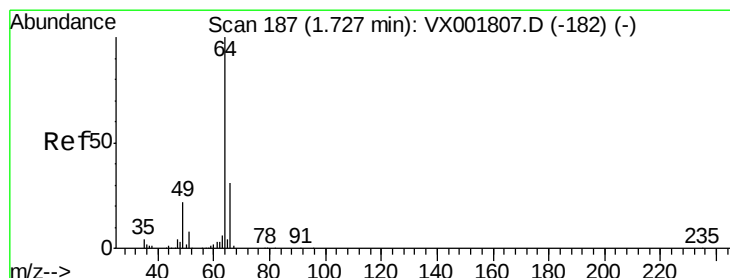
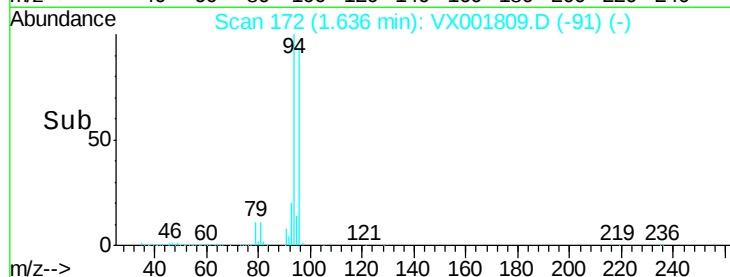
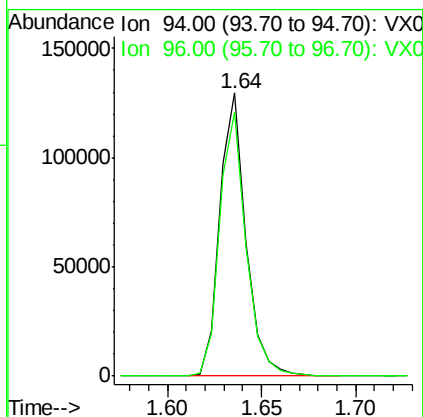
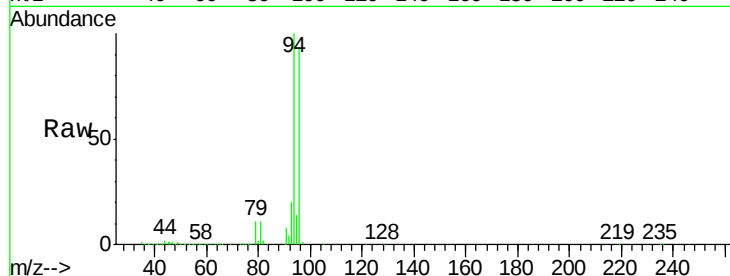
VSTDICC100

Tgt Ion: 94 Resp: 124320

Ion Ratio Lower Upper

94 100

96 93.5 76.6 115.0



#6

Chloroethane

Concen: 95.61 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX001809.D

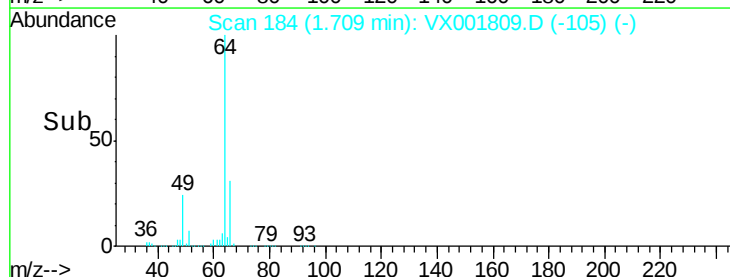
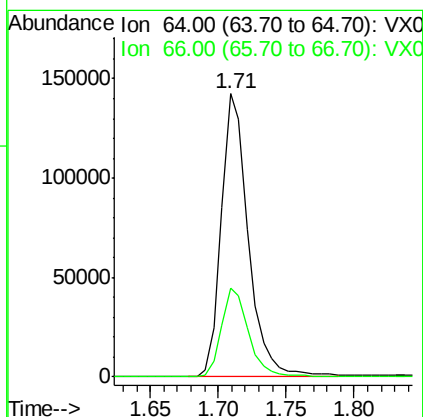
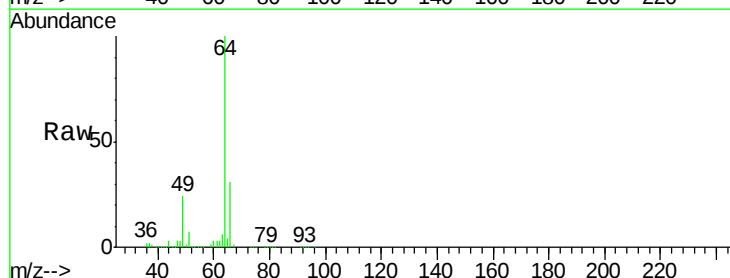
Acq: 18 May 2018 05:34

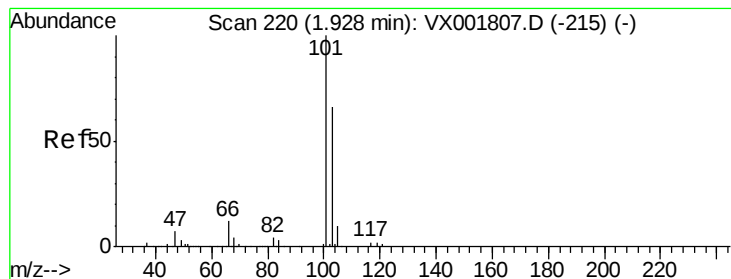
Tgt Ion: 64 Resp: 197668

Ion Ratio Lower Upper

64 100

66 31.4 25.0 37.4





#7

Trichlorofluoromethane

Concen: 71.60 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

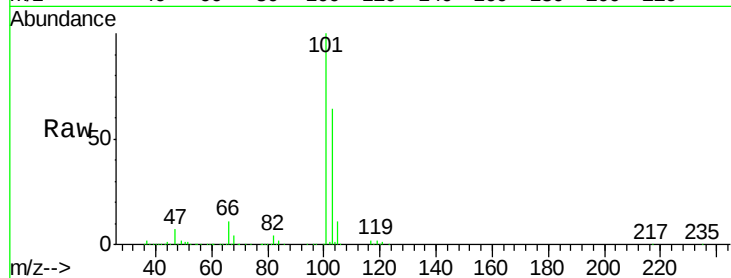
VSTDIC100

Tgt Ion: 101 Resp: 301845

Ion Ratio Lower Upper

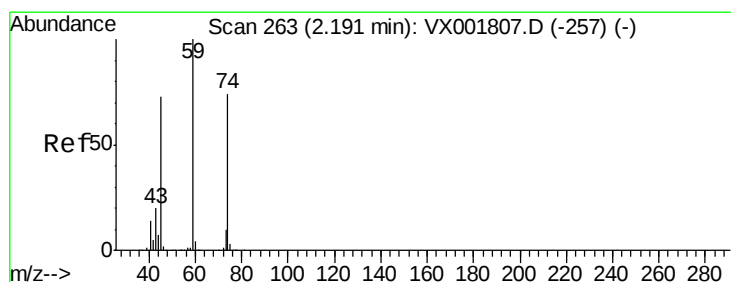
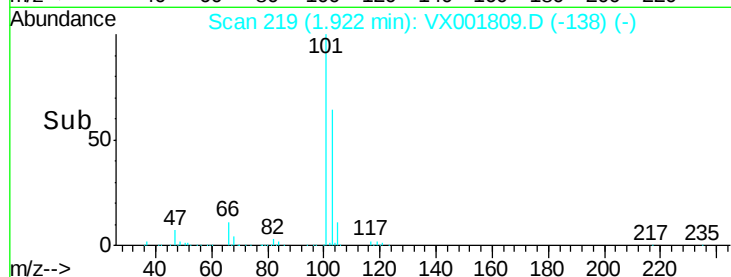
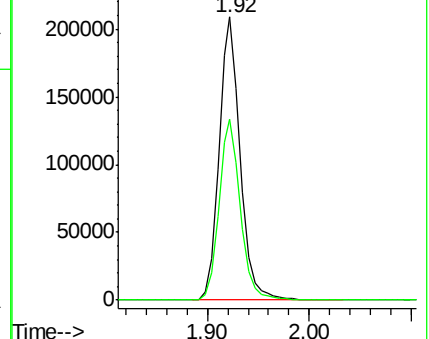
101 100

103 64.0 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 107.64 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001809.D

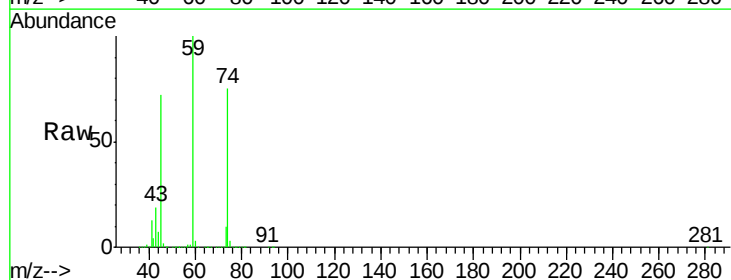
Acq: 18 May 2018 05:34

Tgt Ion: 74 Resp: 214302

Ion Ratio Lower Upper

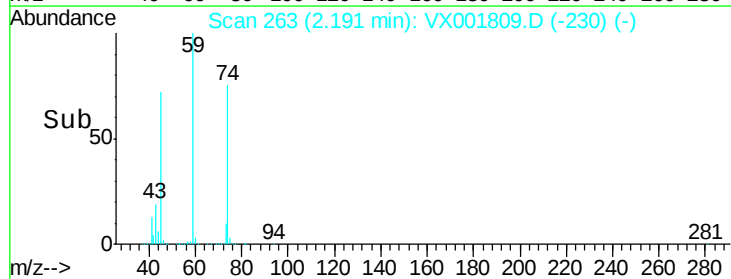
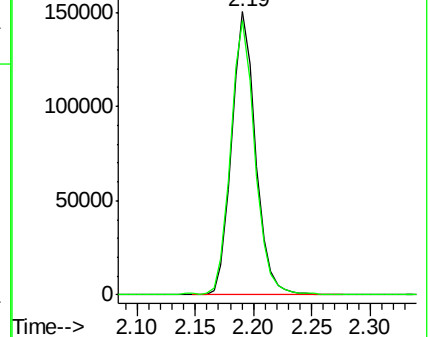
74 100

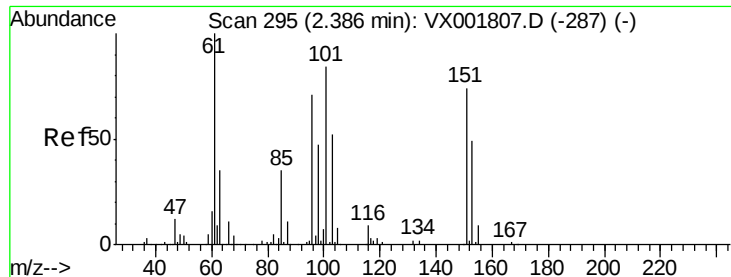
45 98.2 19.8 178.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 73.25 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

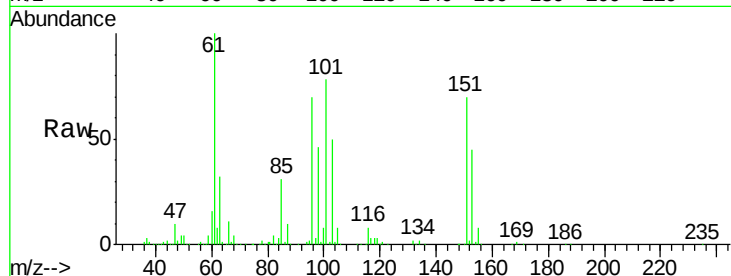
Tgt Ion: 101 Resp: 170668

Ion Ratio Lower Upper

101 100

85 40.2 0.0 83.0

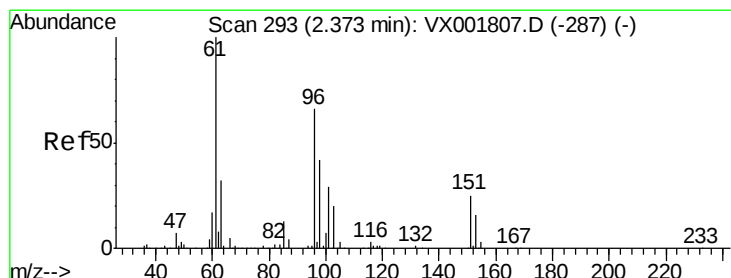
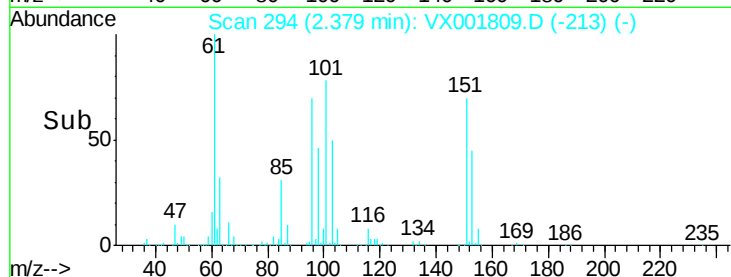
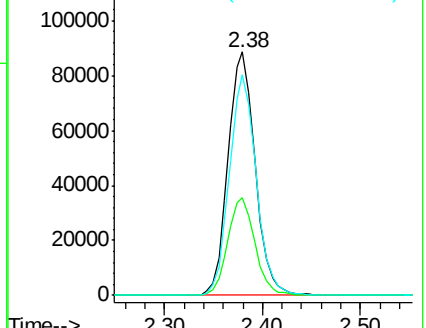
151 89.5 0.0 182.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 84.47 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

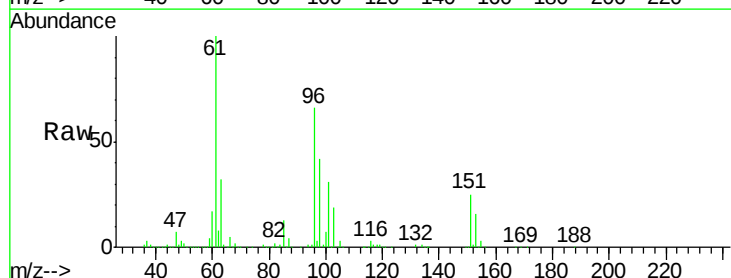
Tgt Ion: 96 Resp: 210298

Ion Ratio Lower Upper

96 100

61 150.6 120.9 181.3

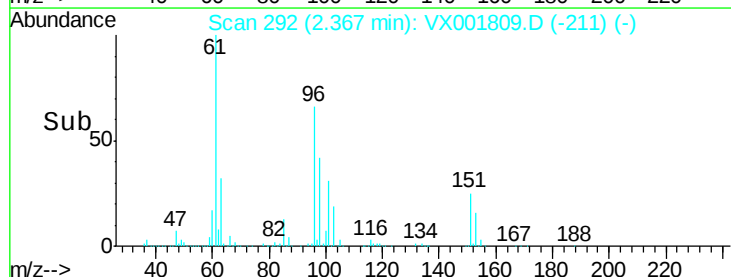
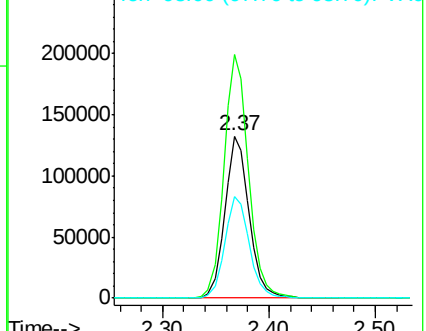
98 63.2 50.2 75.4

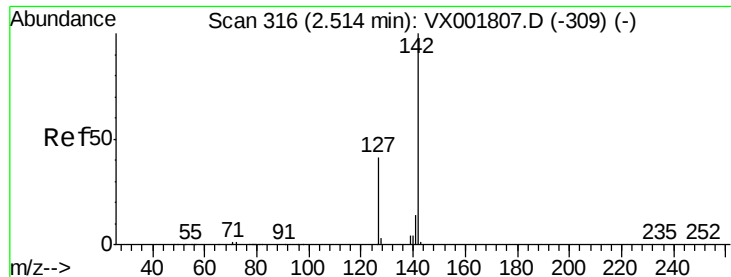


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

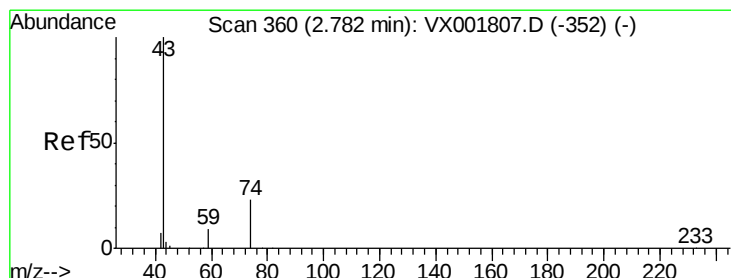
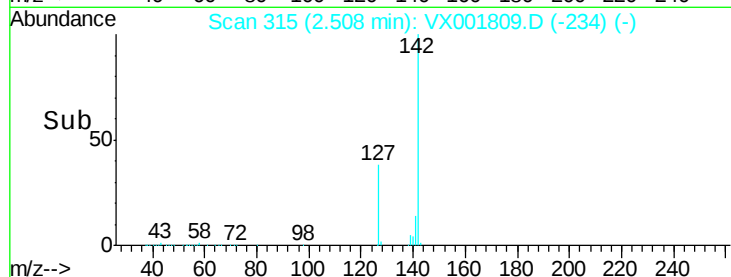
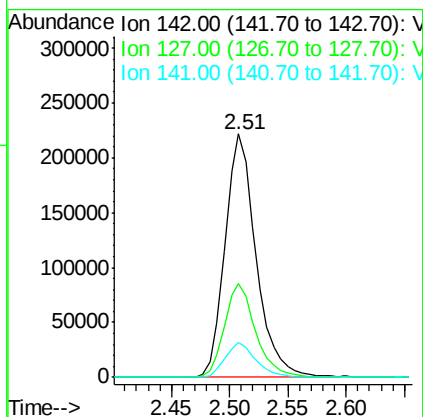
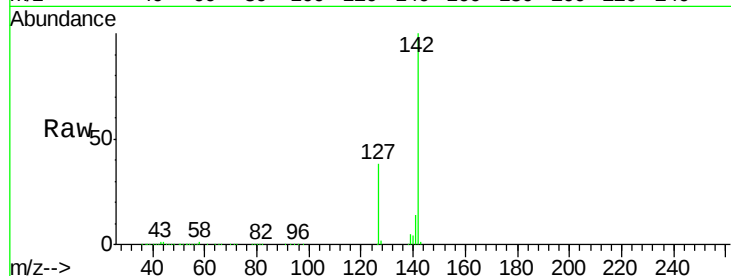




#11
Methyl Iodide
Concen: 110.67 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

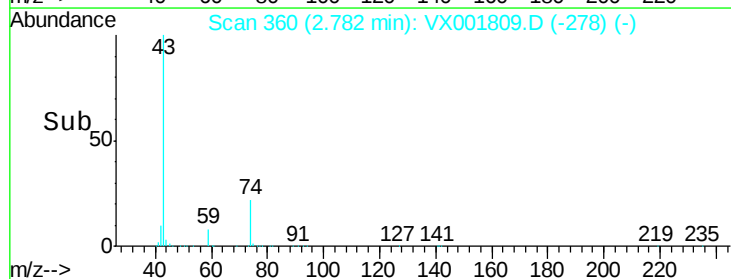
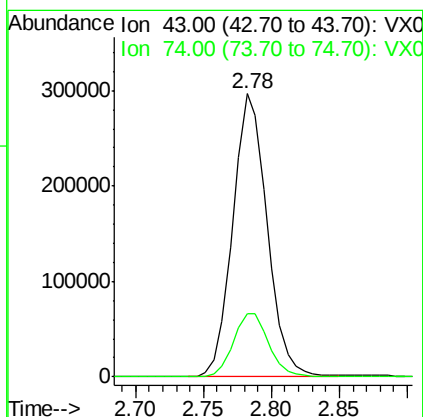
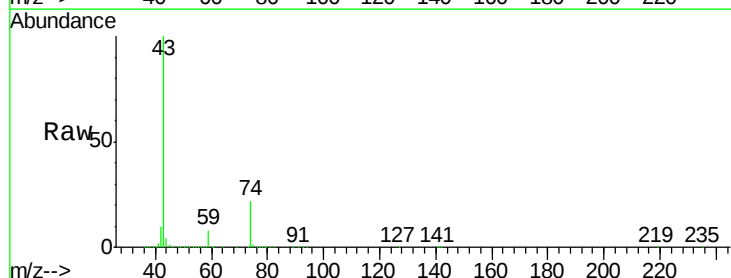
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

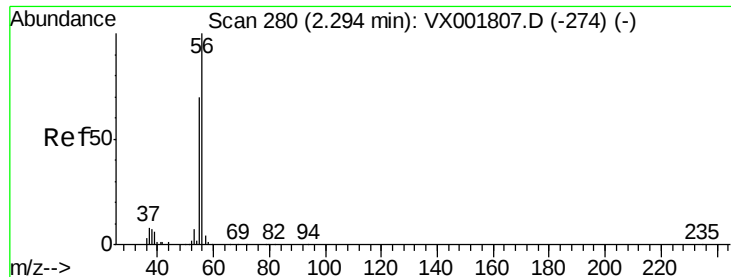
Tgt Ion:142 Resp: 410908
Ion Ratio Lower Upper
142 100
127 38.3 20.3 61.0
141 14.2 7.0 21.1



#12
Methyl Acetate
Concen: 114.78 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion: 43 Resp: 521357
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.4





#13

Acrolein

Concen: 563.69 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

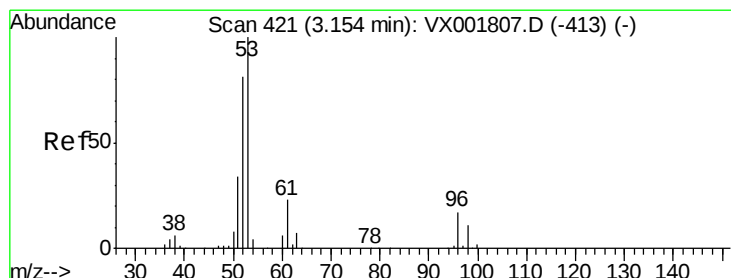
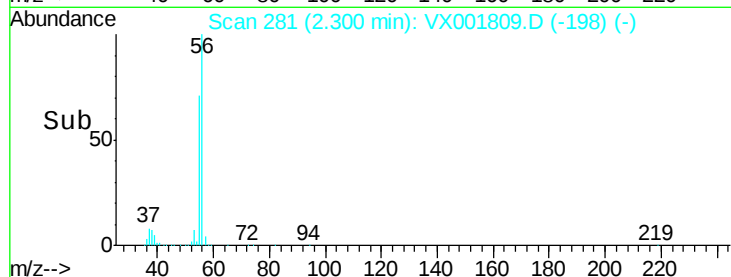
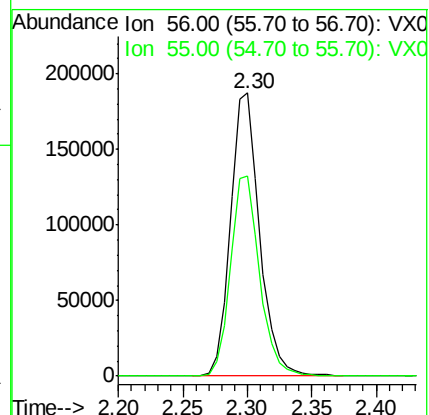
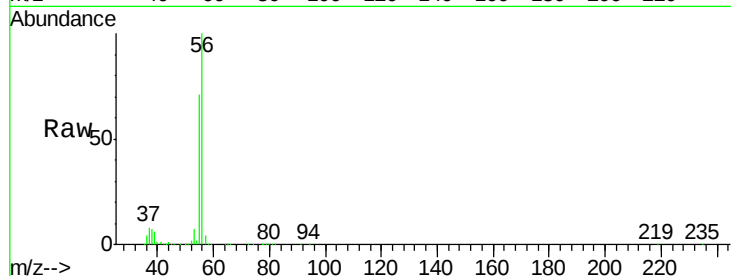
VSTDIC100

Tgt Ion: 56 Resp: 296573

Ion Ratio Lower Upper

56 100

55 70.9 56.0 84.0



#14

Acrylonitrile

Concen: 541.88 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

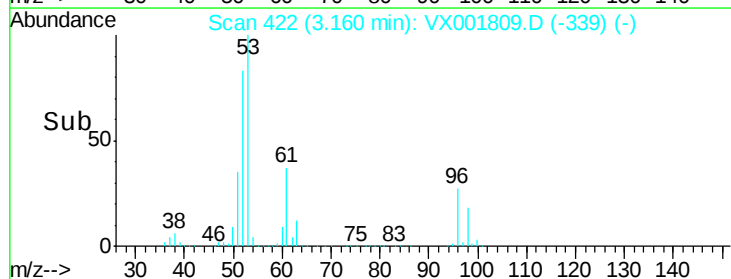
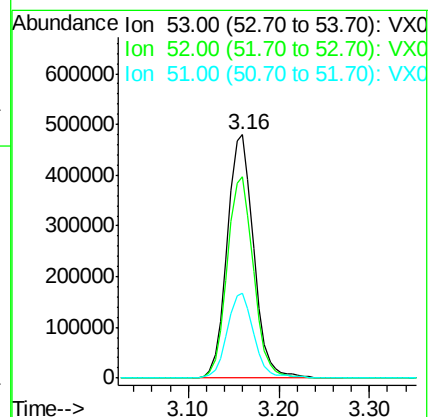
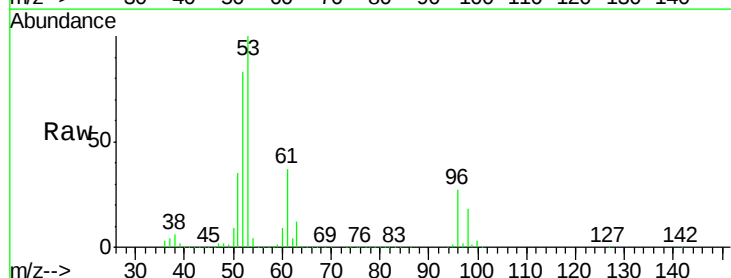
Tgt Ion: 53 Resp: 972974

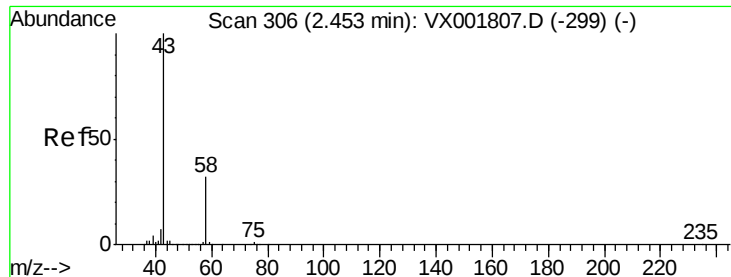
Ion Ratio Lower Upper

53 100

52 82.2 40.7 122.1

51 35.5 17.4 52.3





#15

Acetone

Concen: 545.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

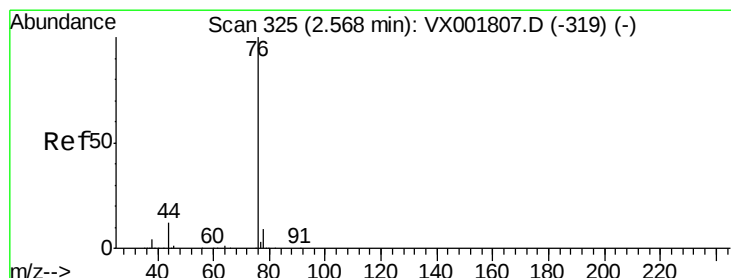
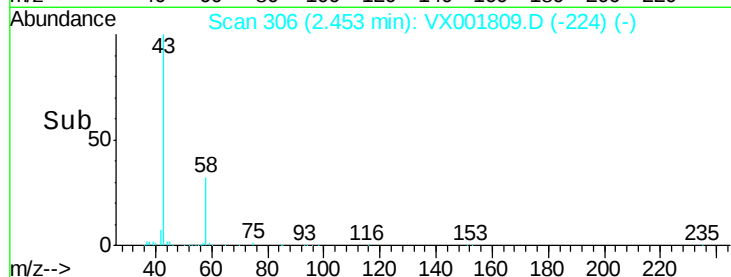
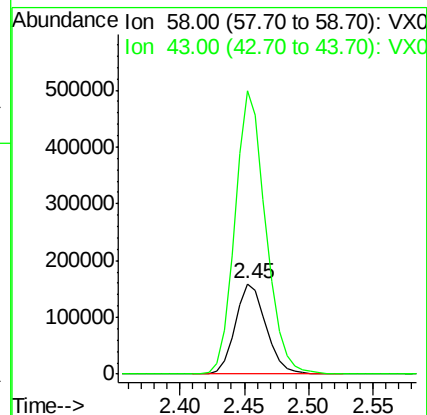
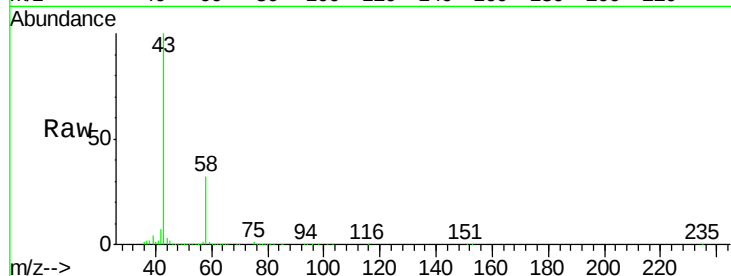
VSTDIC100

Tgt Ion: 58 Resp: 264074

Ion Ratio Lower Upper

58 100

43 313.3 252.1 378.1



#16

Carbon Disulfide

Concen: 90.71 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001809.D

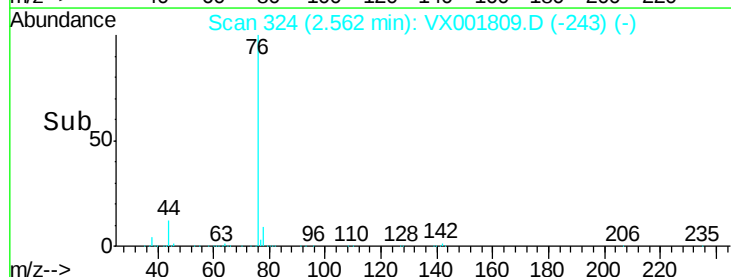
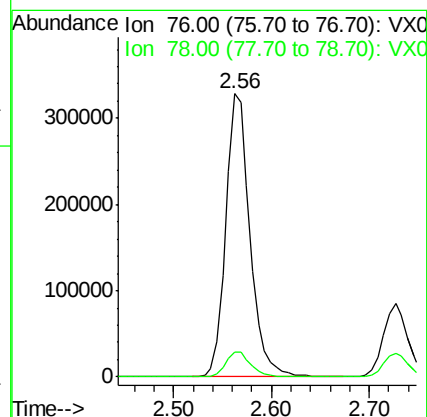
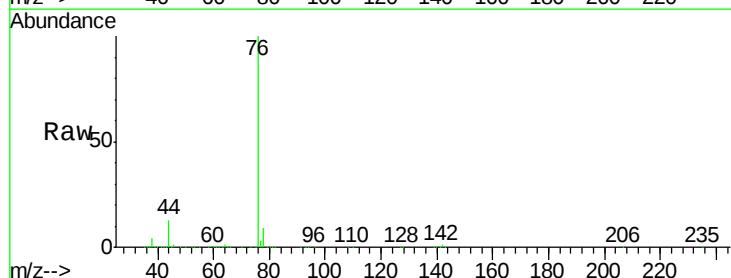
Acq: 18 May 2018 05:34

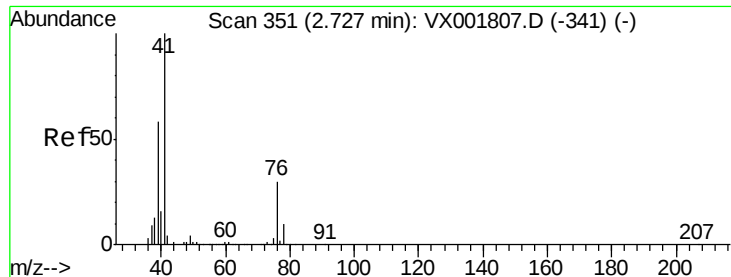
Tgt Ion: 76 Resp: 562959

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

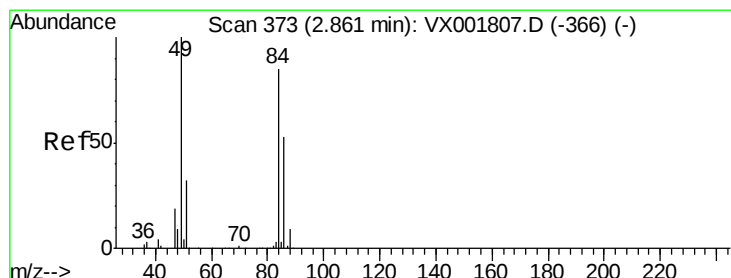
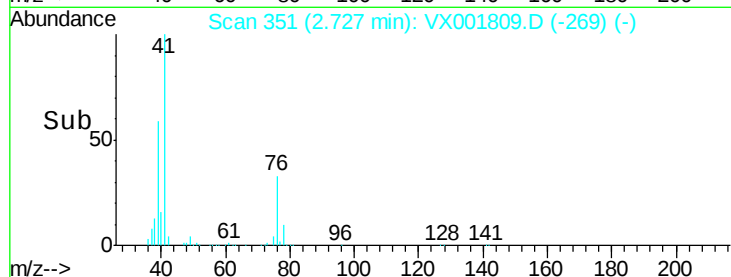
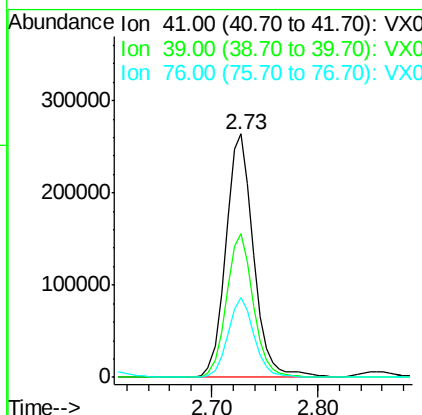
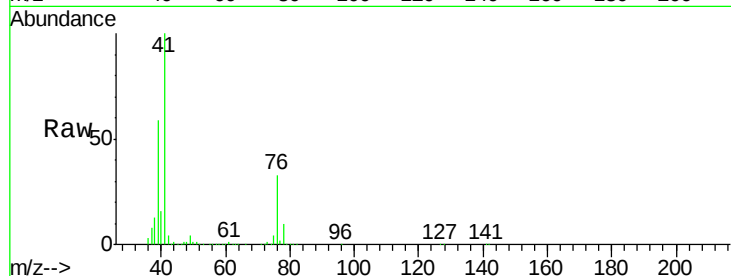




#17
 Allyl chloride
 Concen: 98.21 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

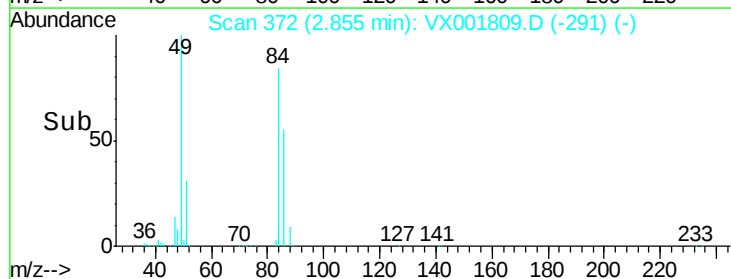
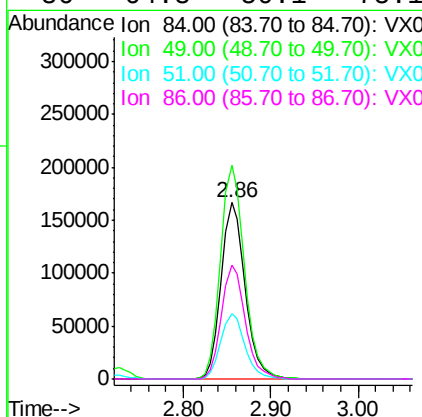
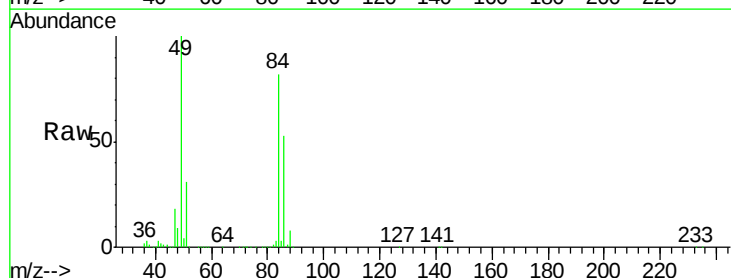
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

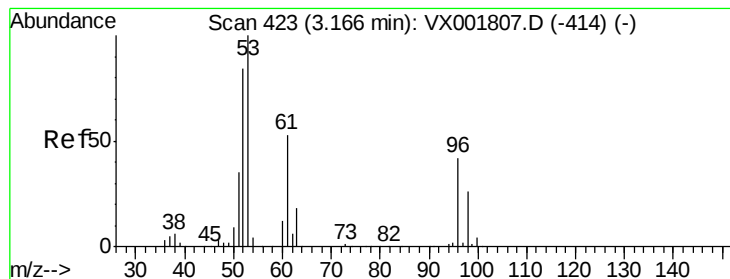
Tgt Ion: 41 Resp: 479951
 Ion Ratio Lower Upper
 41 100
 39 59.2 29.1 87.3
 76 32.5 15.2 45.5



#18
 Methylene Chloride
 Concen: 102.78 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 84 Resp: 316938
 Ion Ratio Lower Upper
 84 100
 49 121.2 94.1 141.1
 51 37.3 29.8 44.6
 86 64.8 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 93.46 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

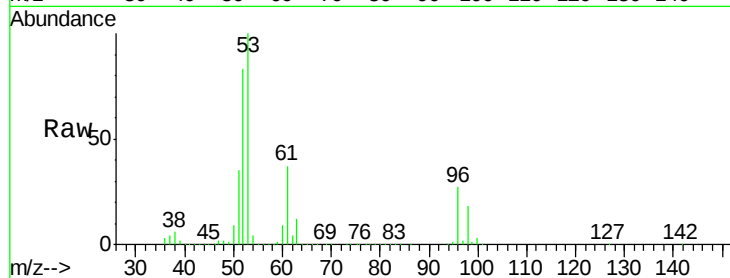
Tgt Ion: 96 Resp: 258361

Ion Ratio Lower Upper

96 100

61 134.6 102.9 154.3

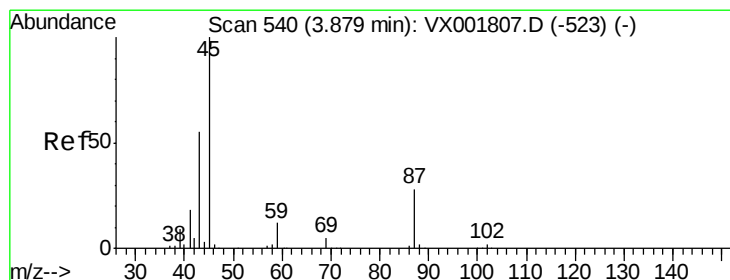
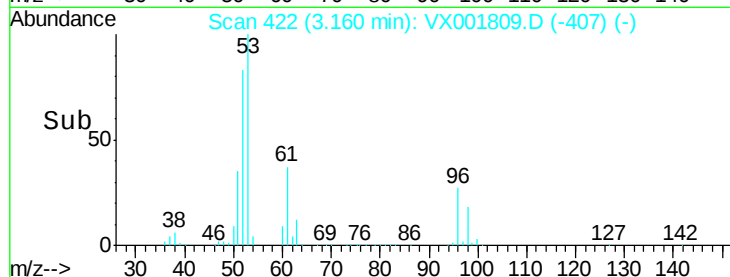
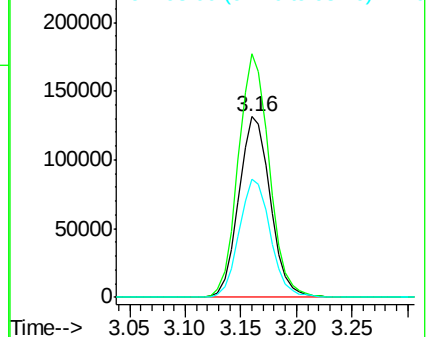
98 65.2 49.7 74.5



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: 111.75 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Tgt Ion: 45 Resp: 1057129

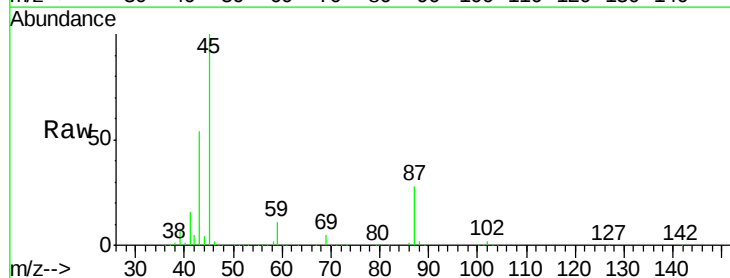
Ion Ratio Lower Upper

45 100

43 53.9 44.2 66.2

87 28.5 22.4 33.6

59 11.5 9.4 14.0

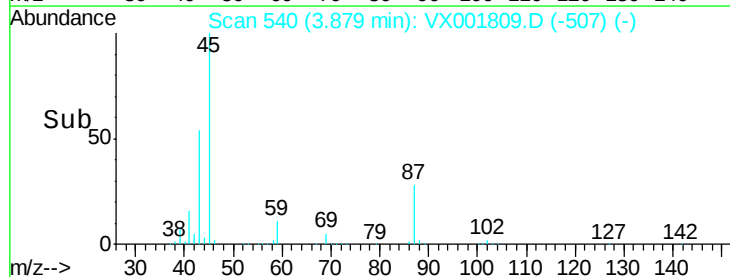
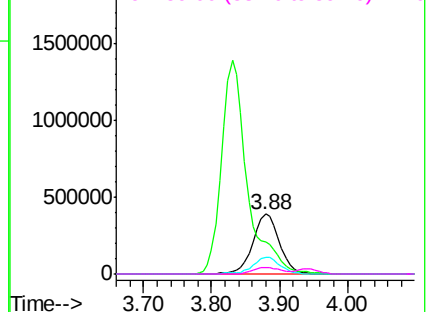


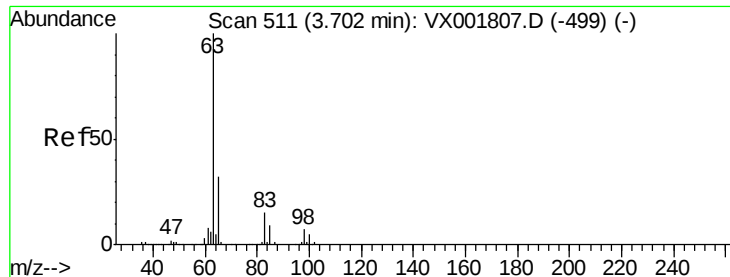
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.73 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

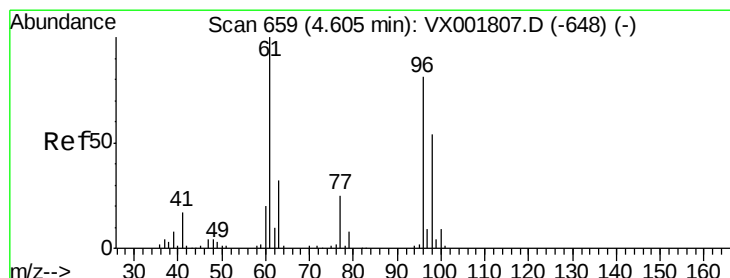
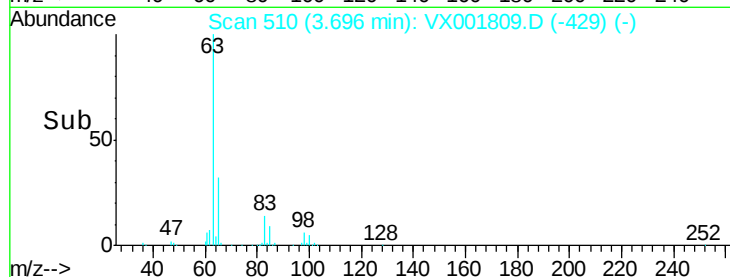
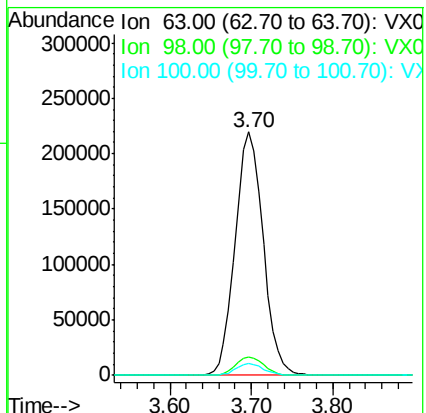
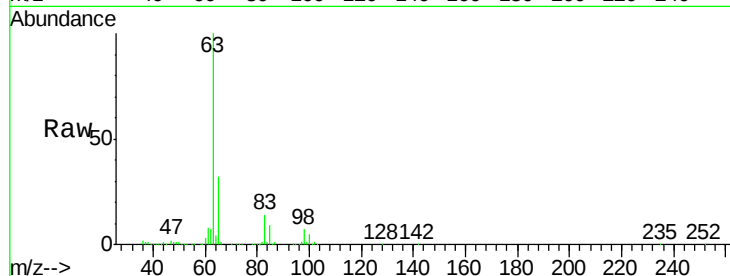
Tgt Ion: 63 Resp: 521926

Ion Ratio Lower Upper

63 100

98 7.3 3.7 11.1

100 4.7 2.5 7.6



#22

cis-1,2-Dichloroethene

Concen: 109.01 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

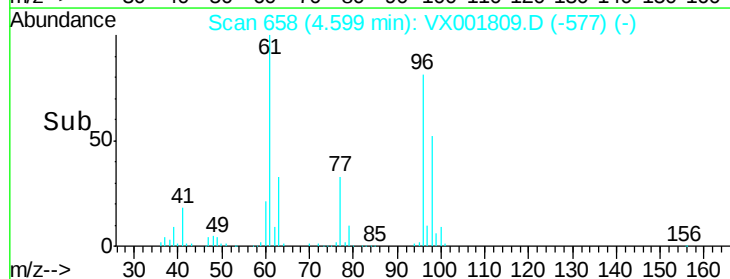
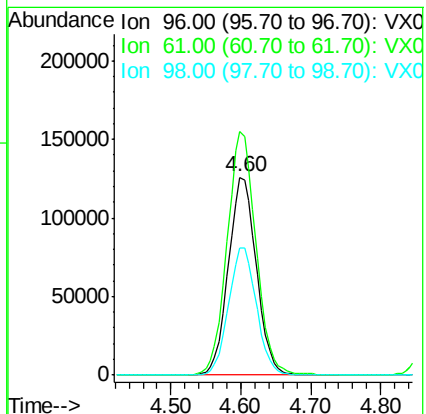
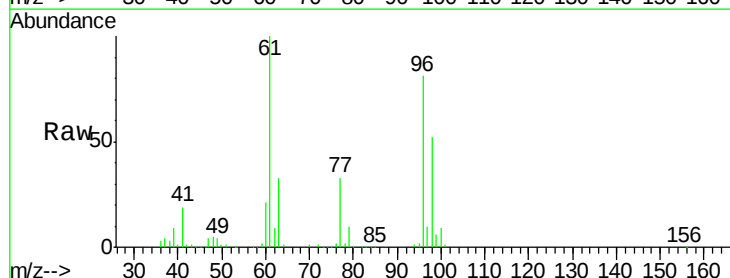
Tgt Ion: 96 Resp: 350103

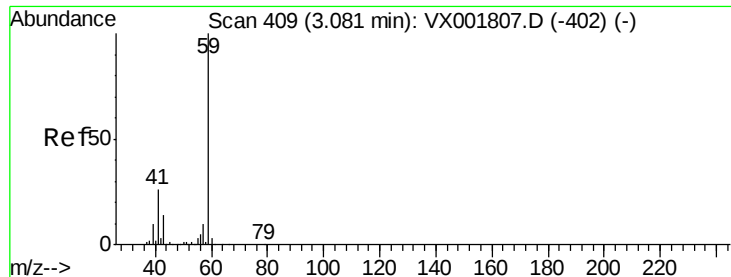
Ion Ratio Lower Upper

96 100

61 127.0 105.9 158.9

98 64.0 51.5 77.3

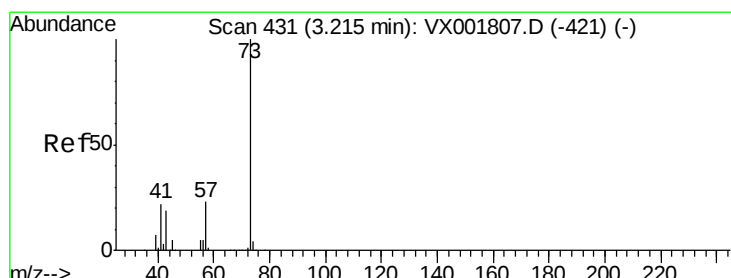
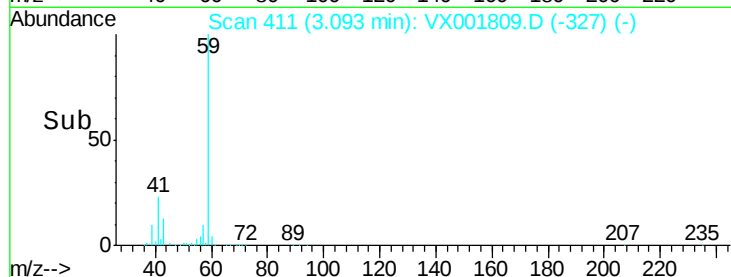
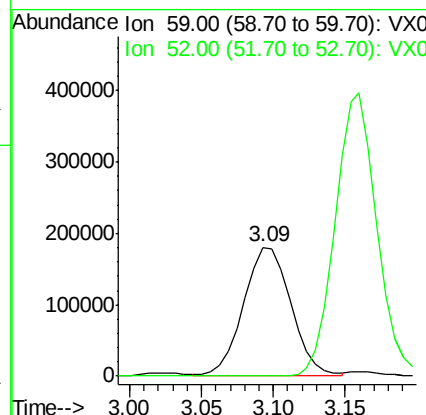
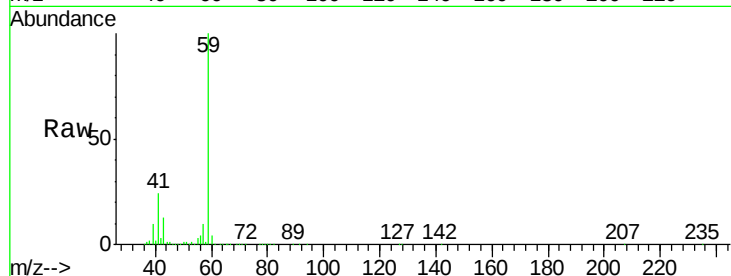




#23
 tert-Butyl Alcohol
 Concen: 521.67 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

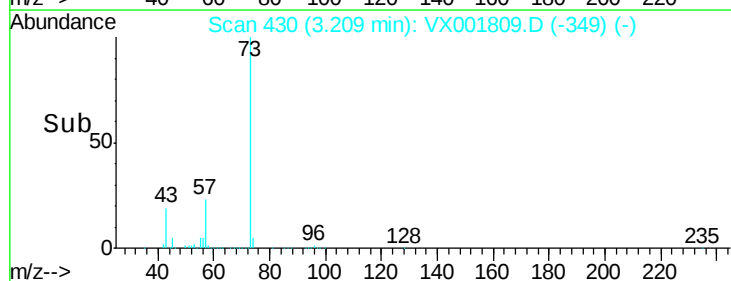
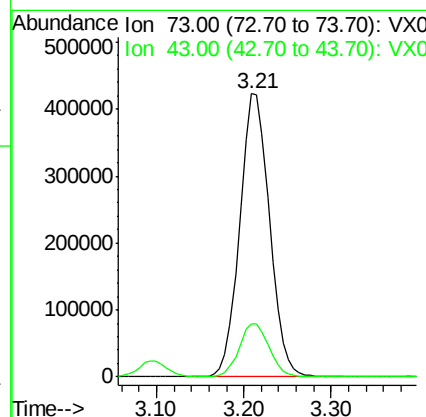
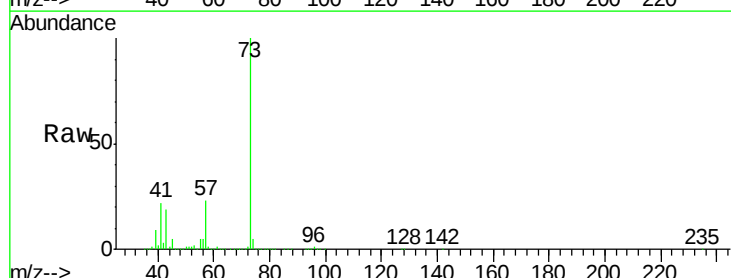
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

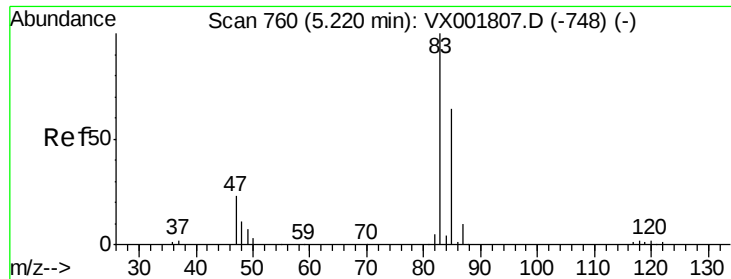
Tgt Ion: 59 Resp: 411369
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 105.43 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 73 Resp: 1003961
 Ion Ratio Lower Upper
 73 100
 43 18.9 15.2 22.8





#25

Chloroform

Concen: 101.30 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

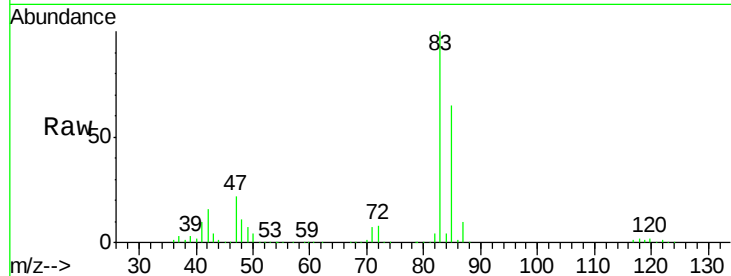
VSTDIC100

Tgt Ion: 83 Resp: 557564

Ion Ratio Lower Upper

83 100

85 65.0 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.22

200000

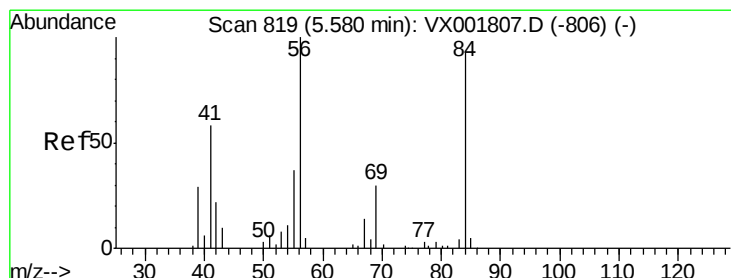
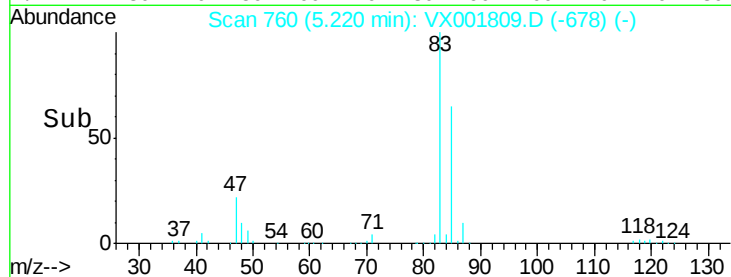
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 84.09 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

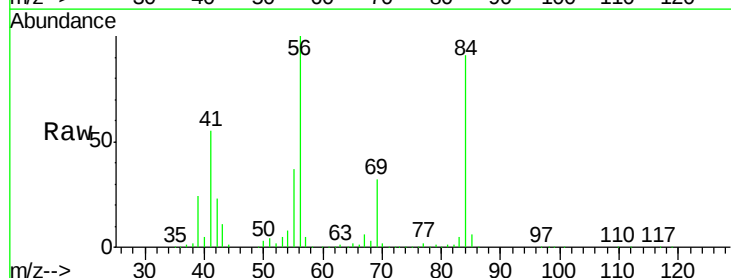
Tgt Ion: 56 Resp: 309254

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.4 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

200000

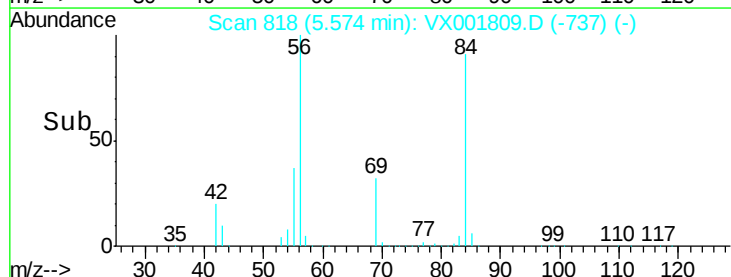
150000

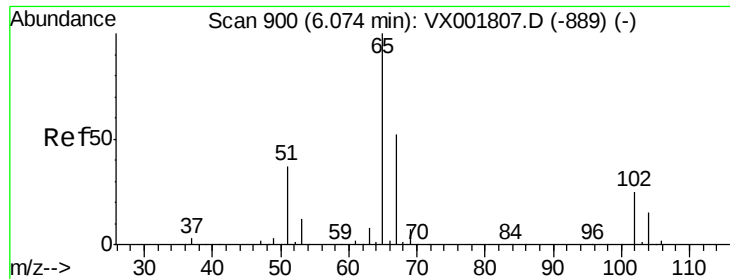
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50000

0

Time-->

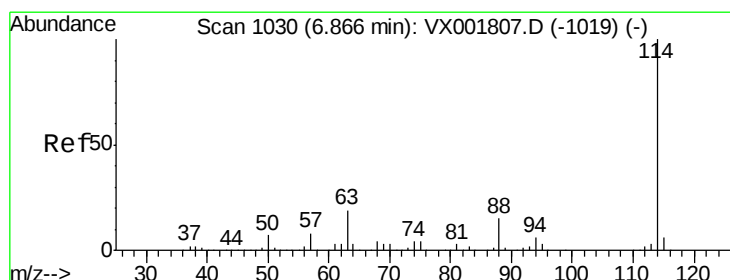
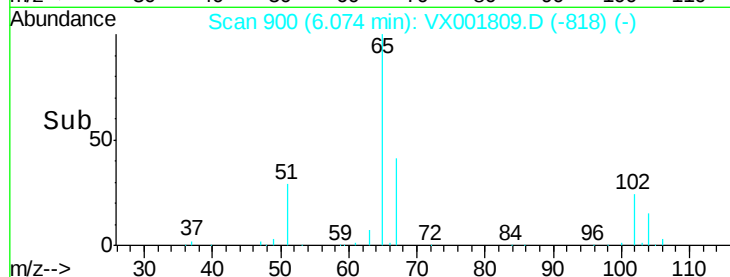
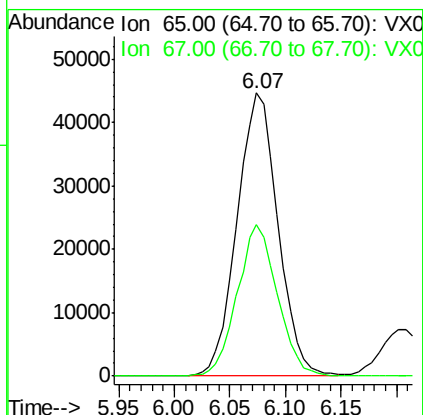
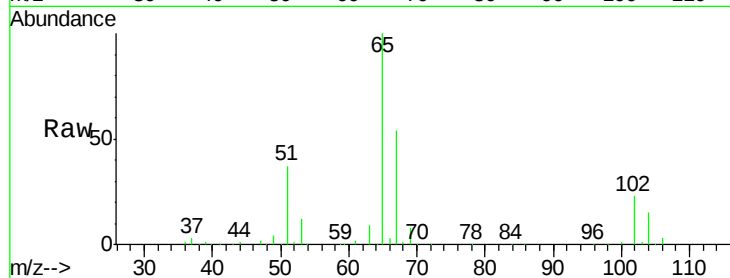




#27
 1,2-Dichloroethane-d4
 Concen: 27.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

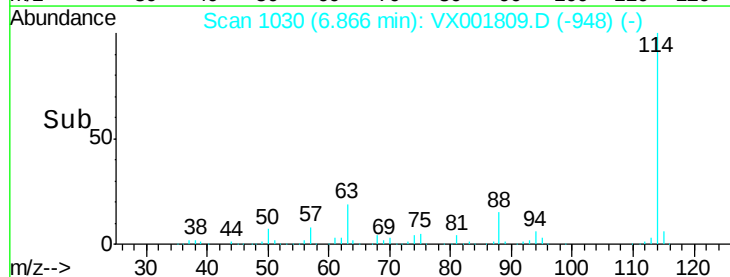
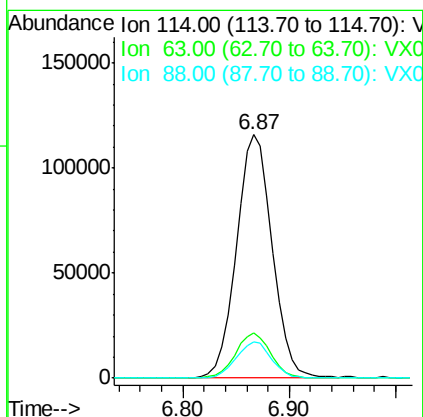
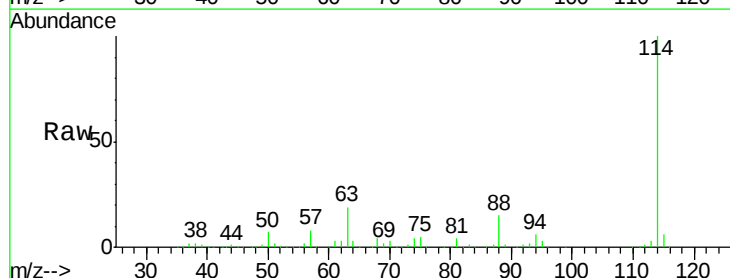
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

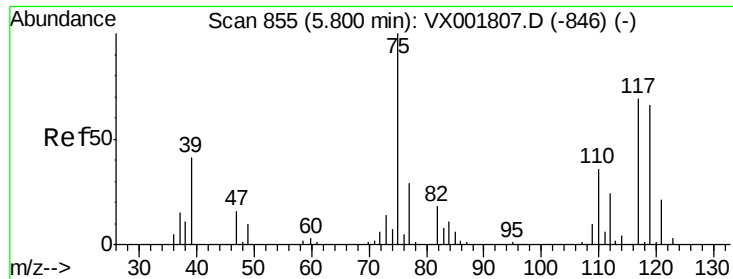
Tgt Ion: 65 Resp: 114059
 Ion Ratio Lower Upper
 65 100
 67 52.6 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 114 Resp: 273081
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.9 22.3
 88 14.8 11.8 17.8

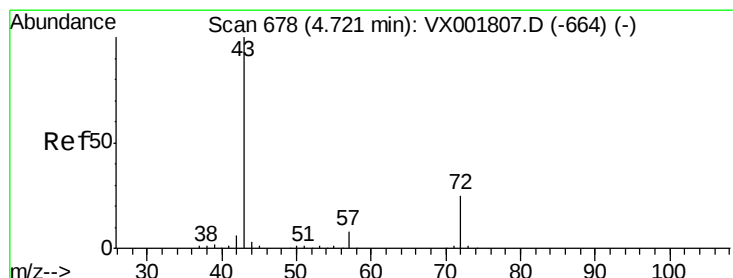
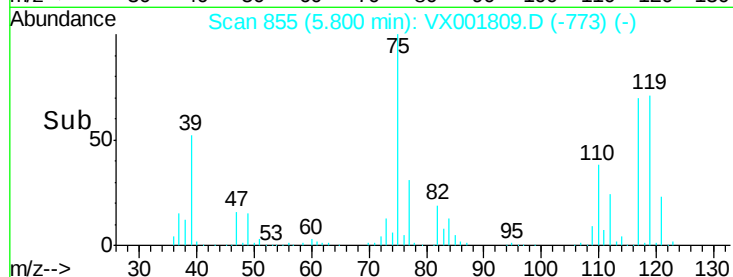
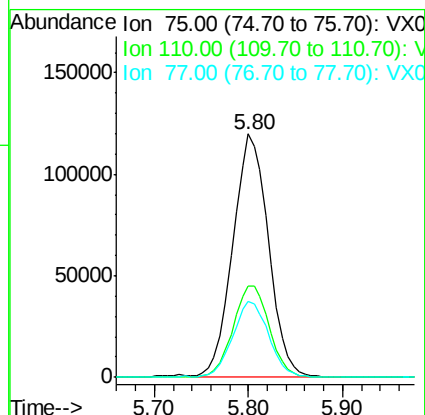
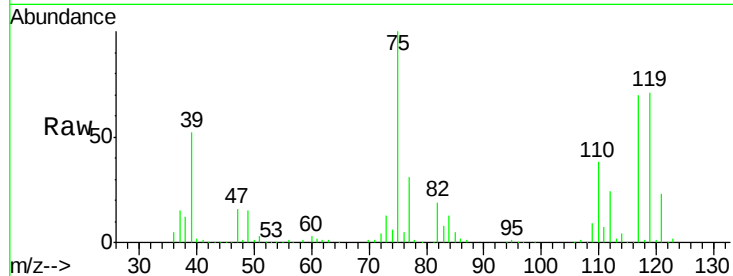




#29
 1,1-Dichloropropene
 Concen: 96.29 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

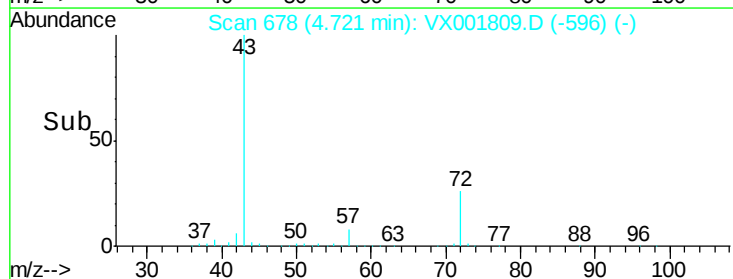
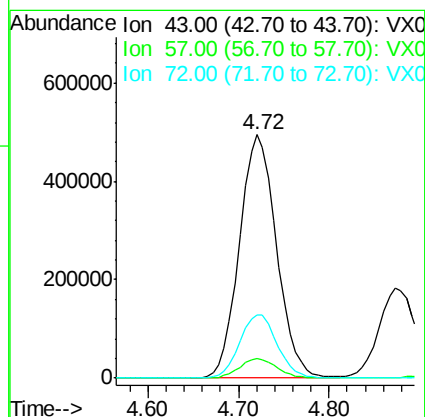
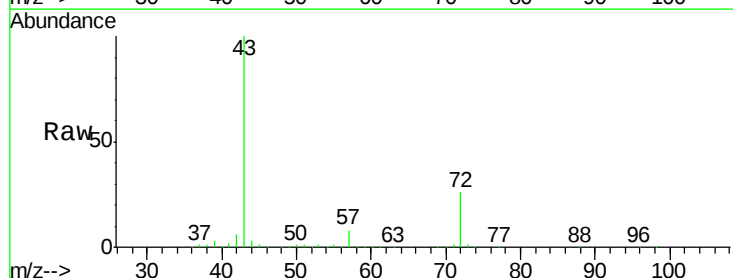
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

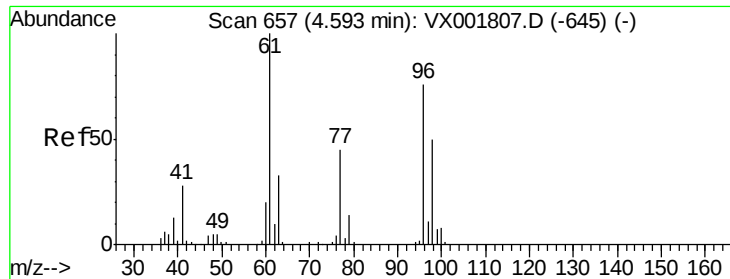
Tgt Ion: 75 Resp: 317590
 Ion Ratio Lower Upper
 75 100
 110 38.1 0.0 75.2
 77 31.1 0.0 61.6



#30
 2-Butanone
 Concen: 601.19 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 43 Resp: 1404081
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.4 9.6
 72 26.4 20.6 30.8





#31

2,2-Dichloropropane

Concen: 69.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

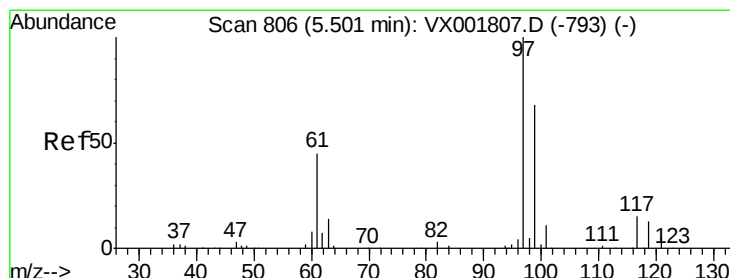
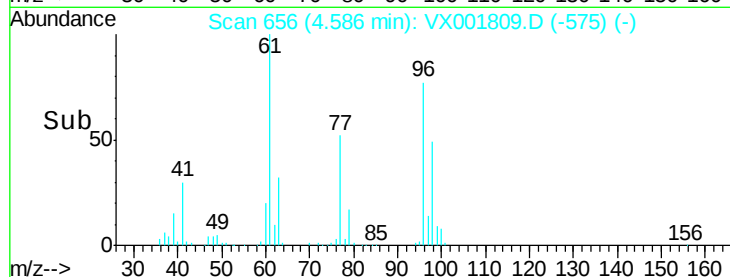
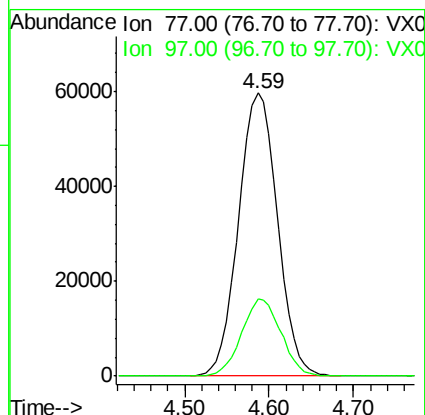
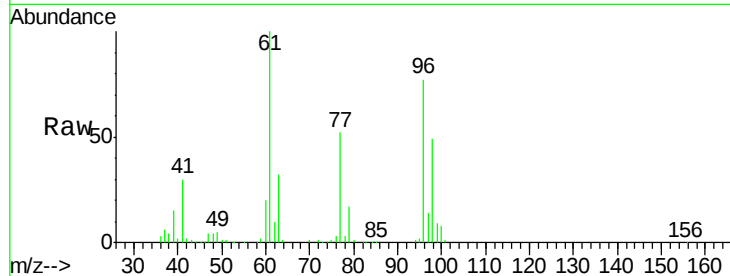
VSTDIC100

Tgt Ion: 77 Resp: 187548

Ion Ratio Lower Upper

77 100

97 27.6 22.3 33.5



#32

1,1,1-Trichloroethane

Concen: 95.73 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

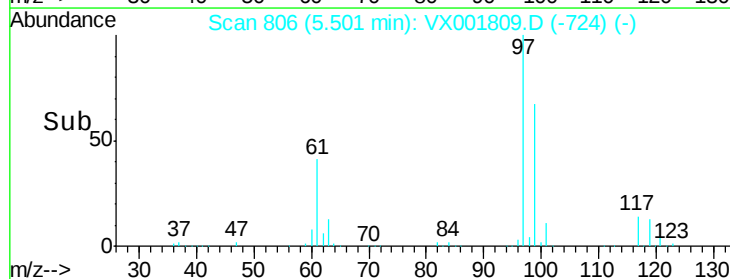
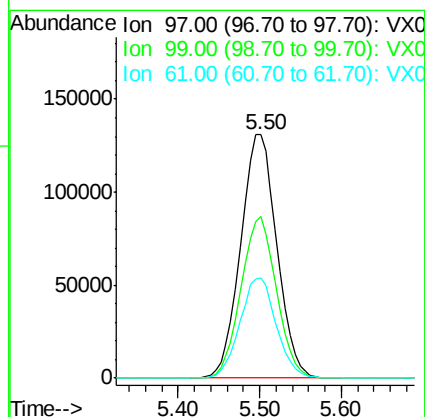
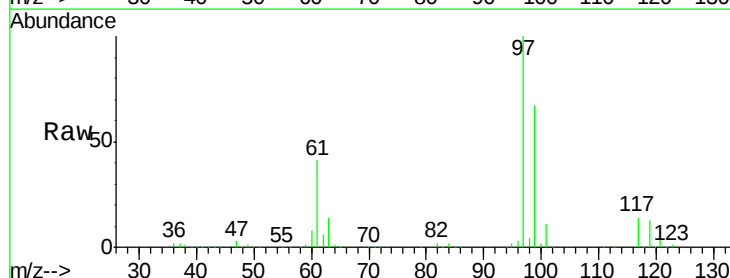
Tgt Ion: 97 Resp: 403966

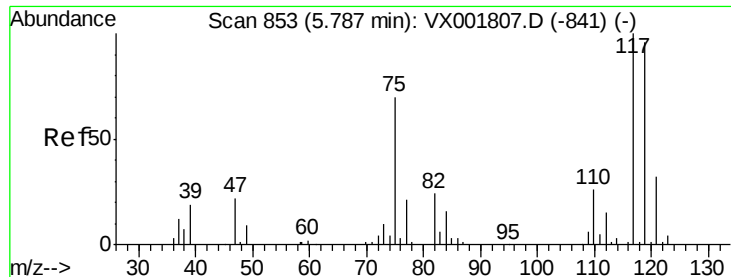
Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 41.2 34.6 51.8

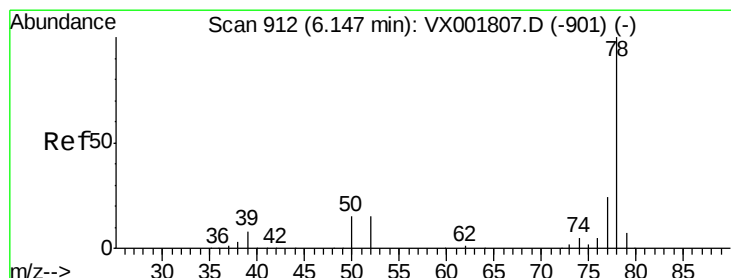
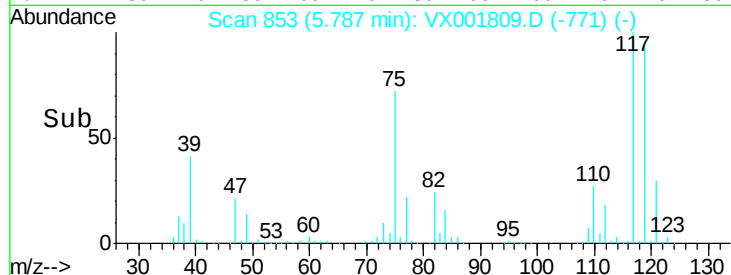
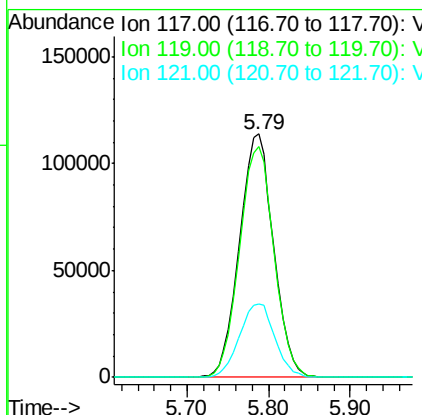
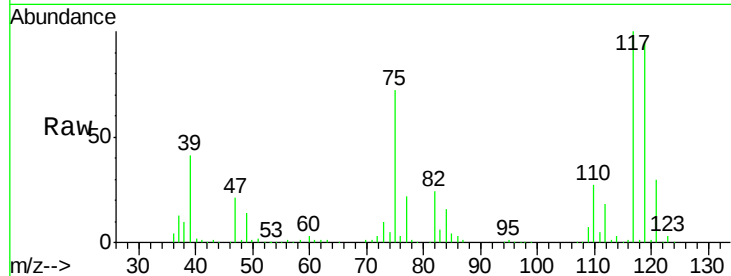




#33
Carbon Tetrachloride
Concen: 90.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

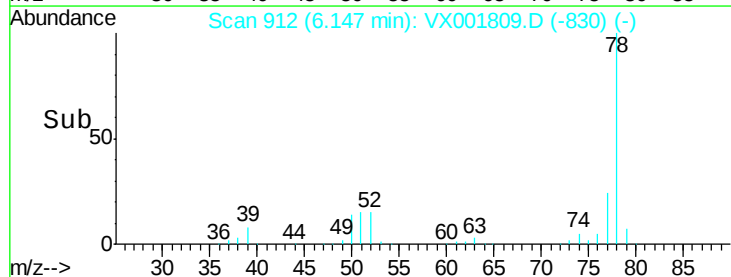
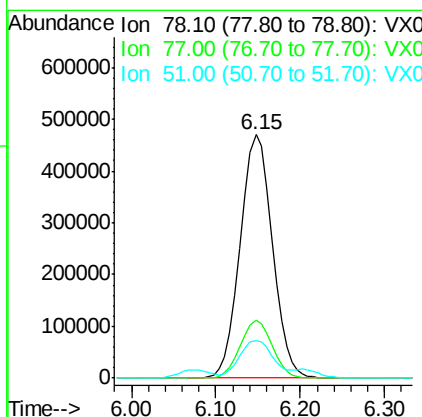
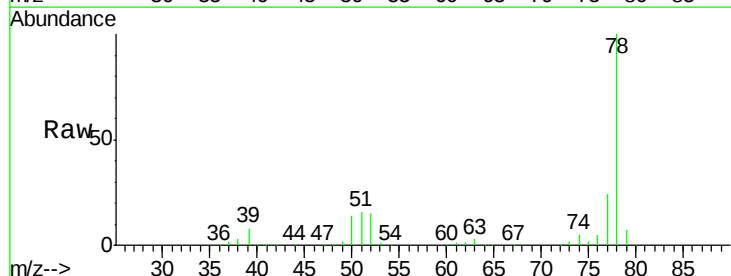
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

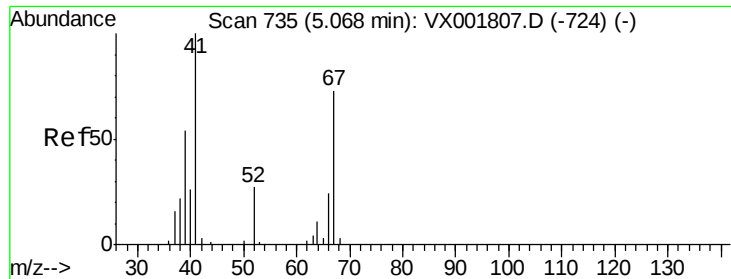
Tgt Ion: 117 Resp: 330438
Ion Ratio Lower Upper
117 100
119 94.7 76.4 114.6
121 30.3 25.3 37.9



#34
Benzene
Concen: 110.38 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion: 78 Resp: 1220543
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0
51 15.2 13.2 19.8

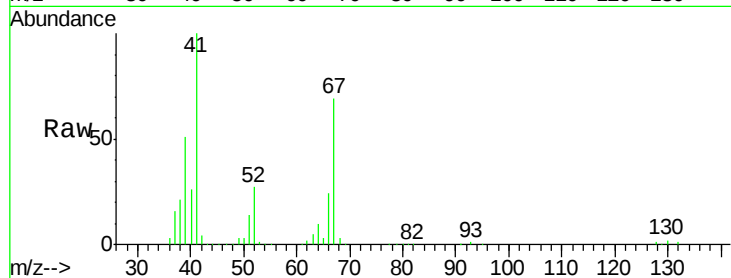




#35
Methacrylonitrile
Concen: 119.79 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	302064
Ion	Ratio	Lower	Upper
41	100		
39	51.4	26.9	80.6
67	69.4	36.8	110.3
52	26.6	13.7	41.1



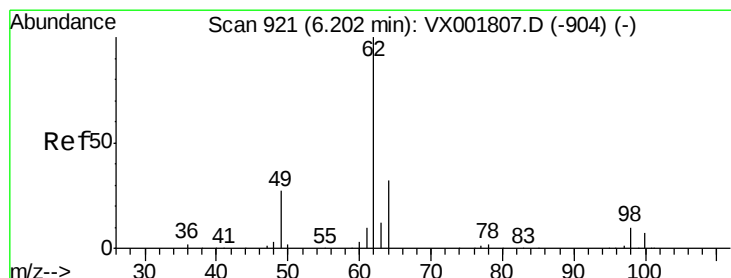
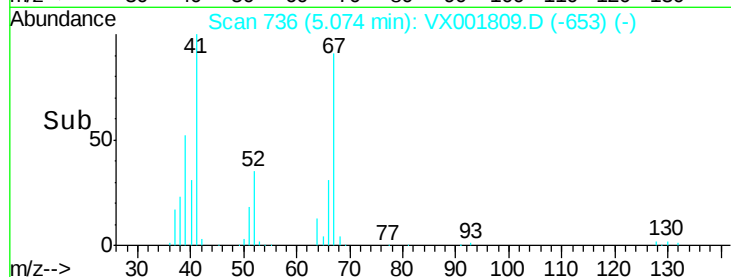
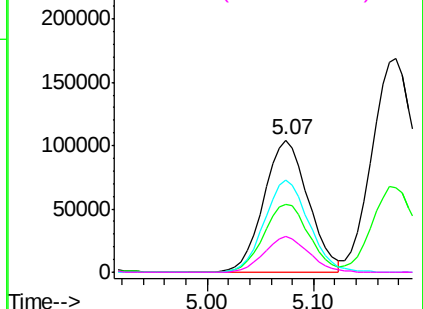
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

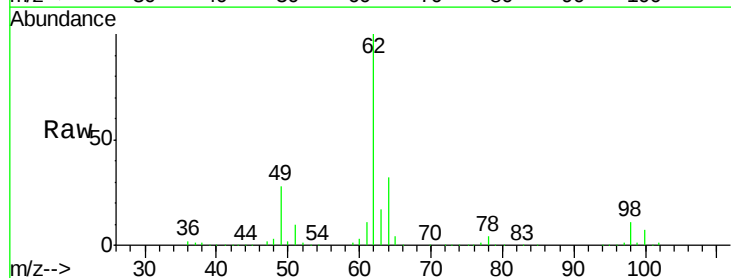
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 103.95 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

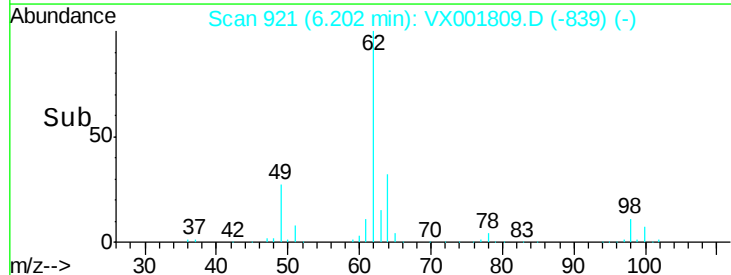
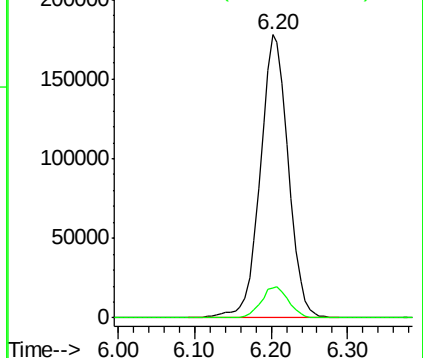
Tgt Ion:	62	Resp:	454120
Ion	Ratio	Lower	Upper
62	100		
98	10.8	8.6	12.8

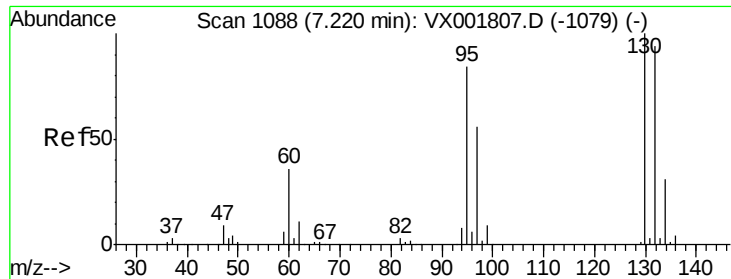


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

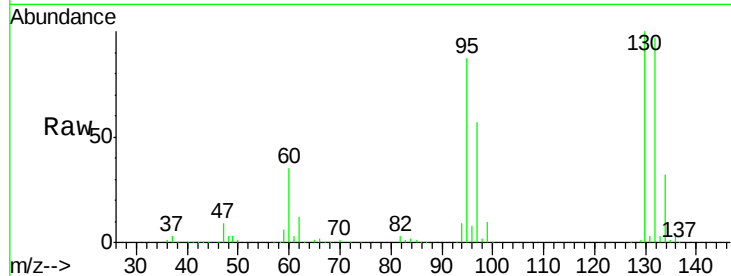




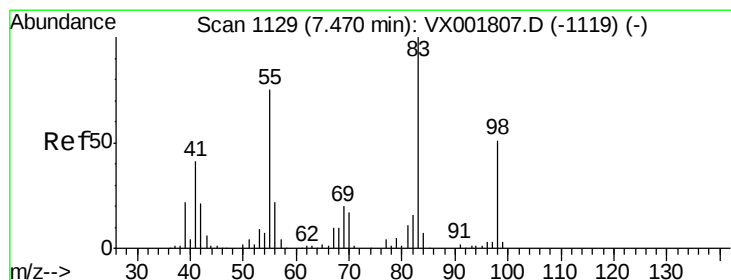
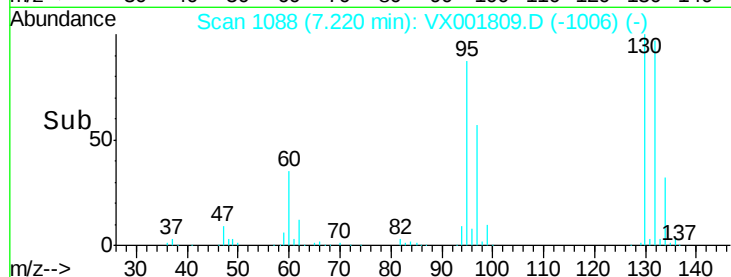
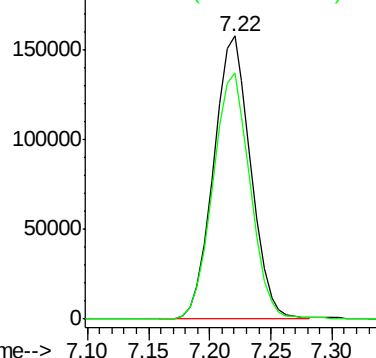
#37
 Trichloroethene
 Concen: 104.27 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 130 Resp: 332598
 Ion Ratio Lower Upper
 130 100
 95 86.9 67.1 100.7

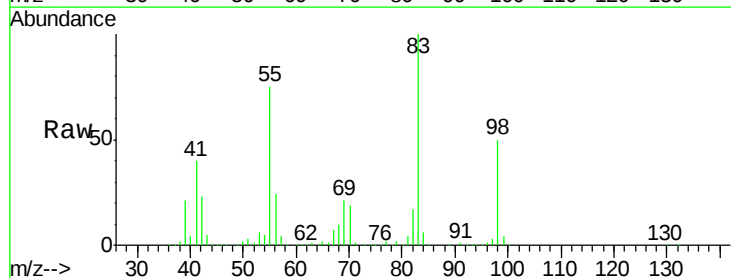


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

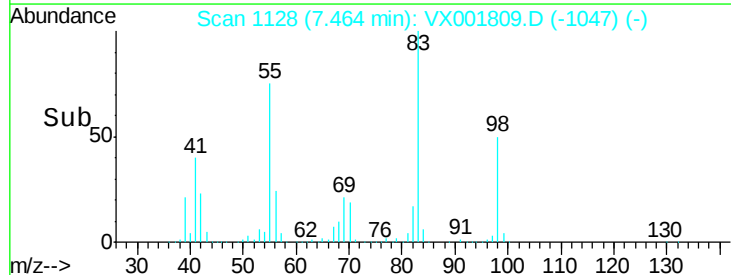
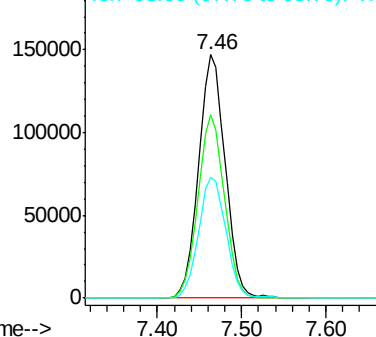


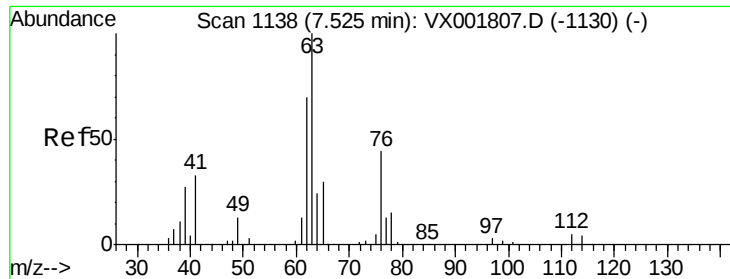
#38
 Methylcyclohexane
 Concen: 91.58 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 83 Resp: 315094
 Ion Ratio Lower Upper
 83 100
 55 74.7 40.0 119.9
 98 50.8 25.8 77.4



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

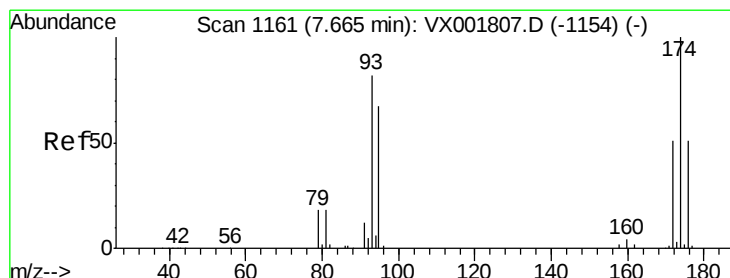
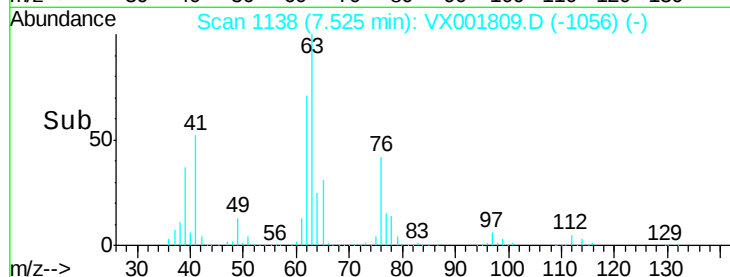
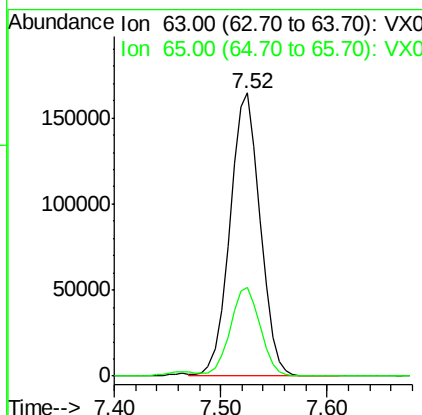
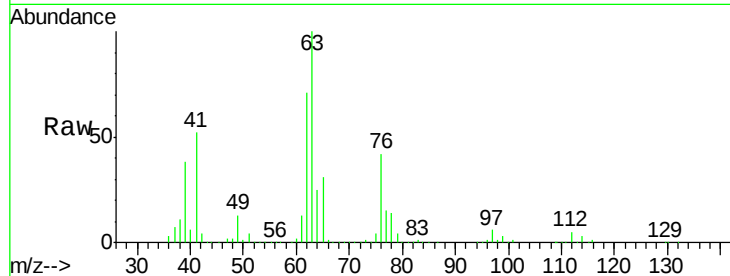




#39
 1,2-Dichloropropane
 Concen: 116.82 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

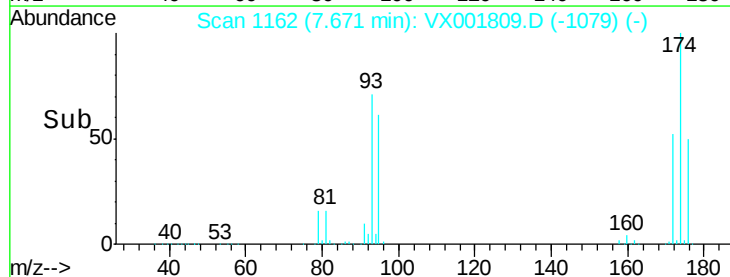
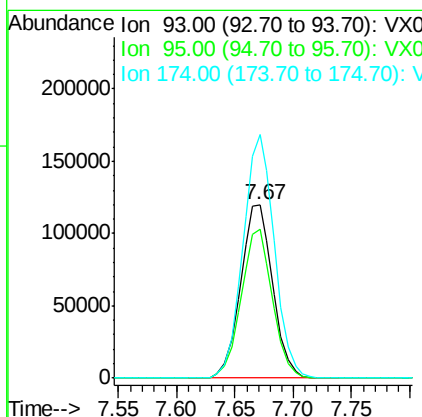
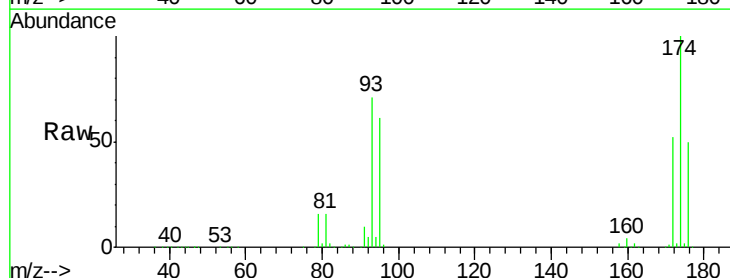
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

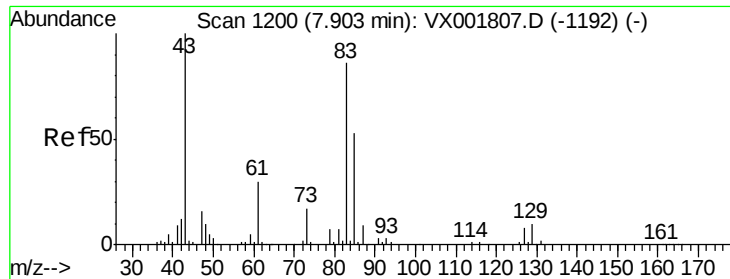
Tgt Ion: 63 Resp: 328113
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#40
 Dibromomethane
 Concen: 114.17 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 93 Resp: 229921
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 167.4
 174 137.1 0.0 269.6





#41

Bromodichloromethane

Concen: 115.68 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

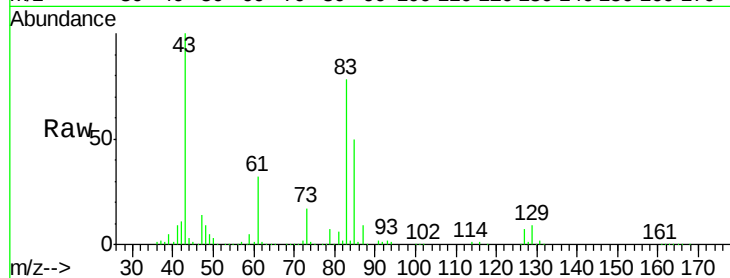
Tgt Ion: 83 Resp: 433371

Ion Ratio Lower Upper

83 100

85 64.3 49.6 74.4

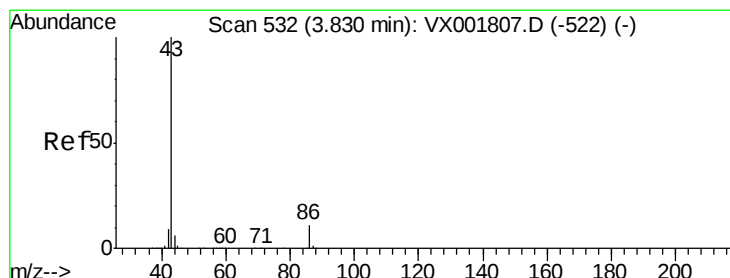
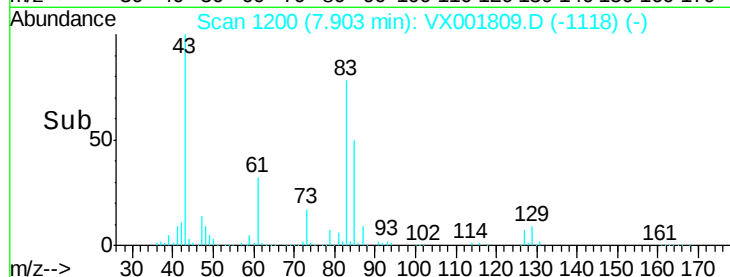
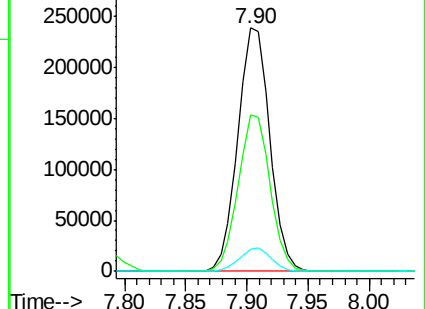
127 9.2 7.0 10.6



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: 503.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001809.D

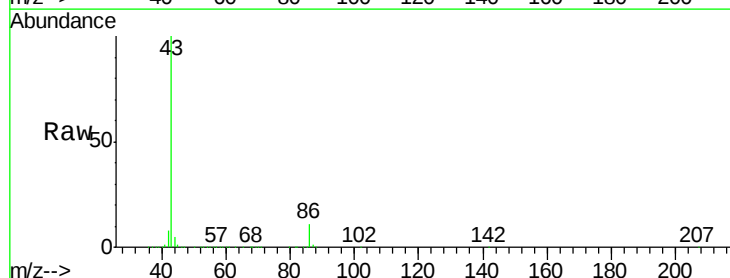
Acq: 18 May 2018 05:34

Tgt Ion: 43 Resp: 3685082

Ion Ratio Lower Upper

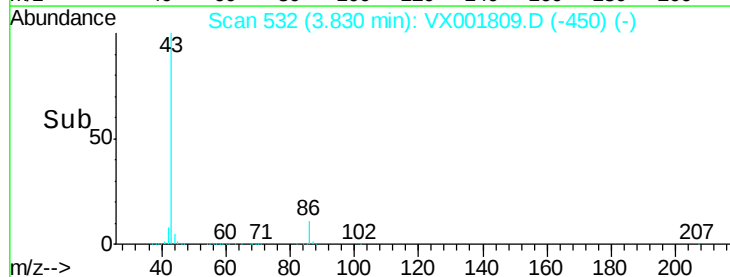
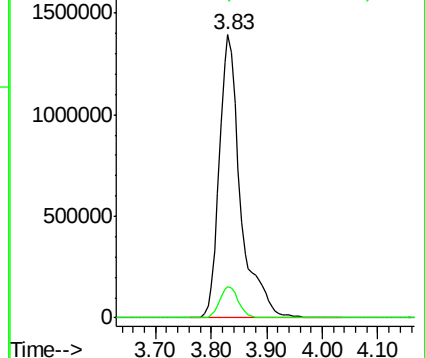
43 100

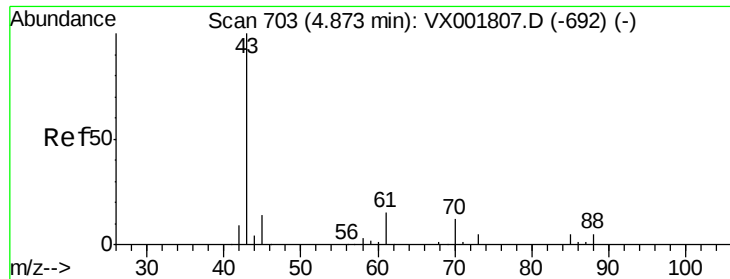
86 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 119.07 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

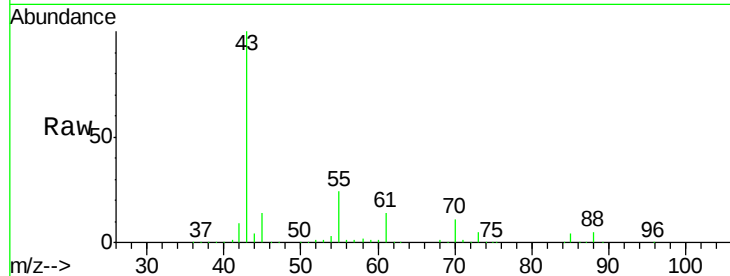
VSTDIC100

Tgt Ion: 43 Resp: 529552

Ion Ratio Lower Upper

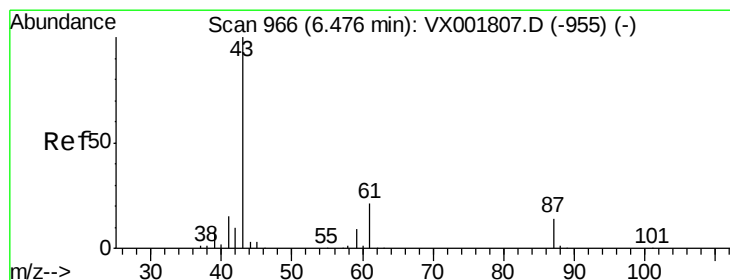
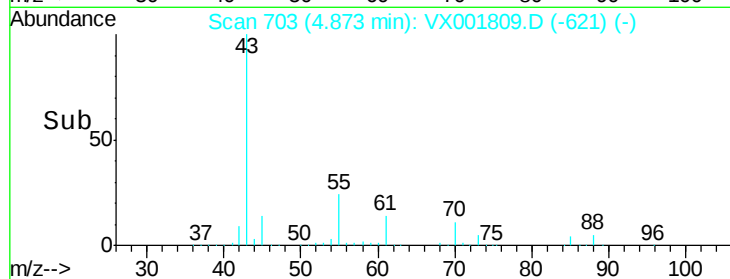
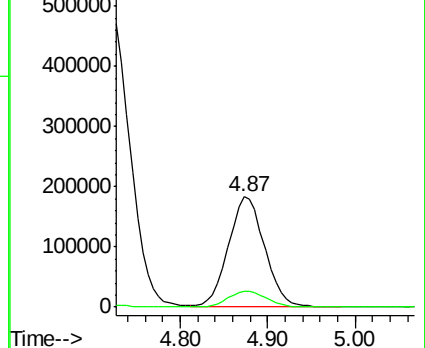
43 100

45 14.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 121.78 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001809.D

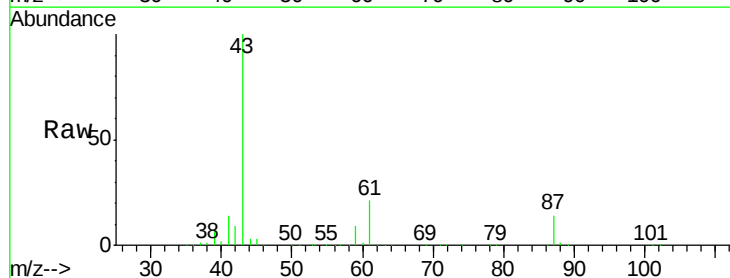
Acq: 18 May 2018 05:34

Tgt Ion: 43 Resp: 824959

Ion Ratio Lower Upper

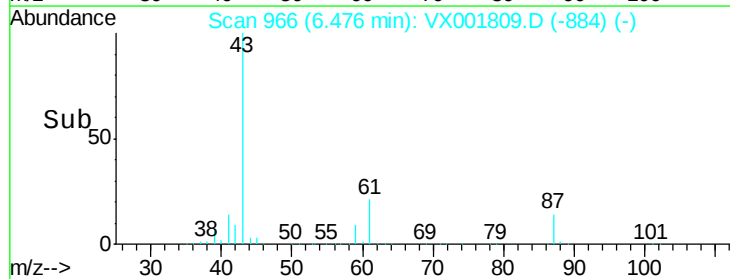
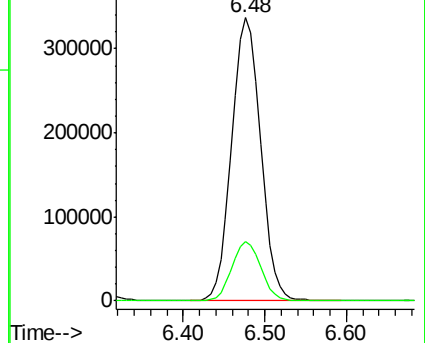
43 100

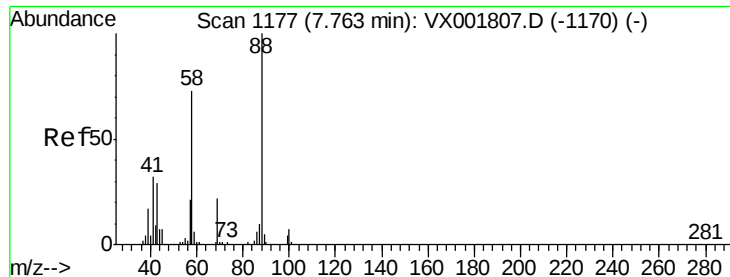
61 20.9 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 2506.29 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

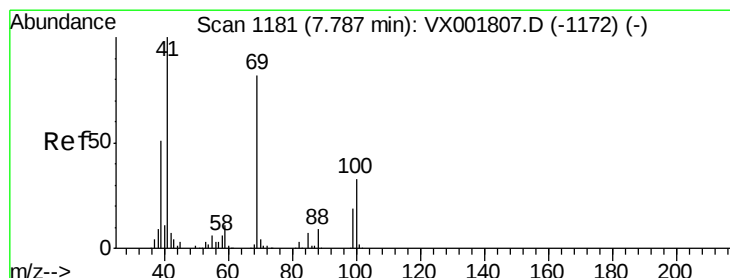
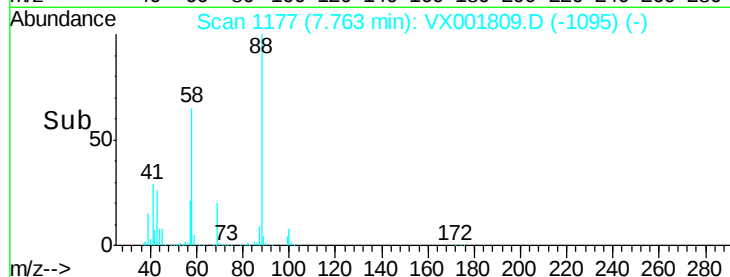
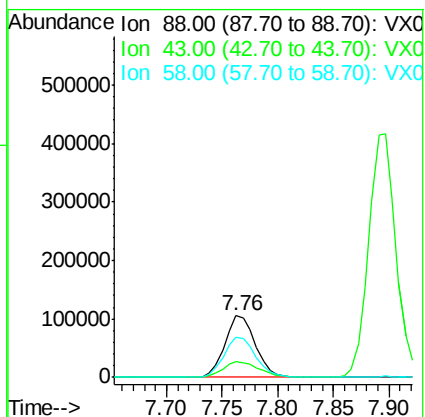
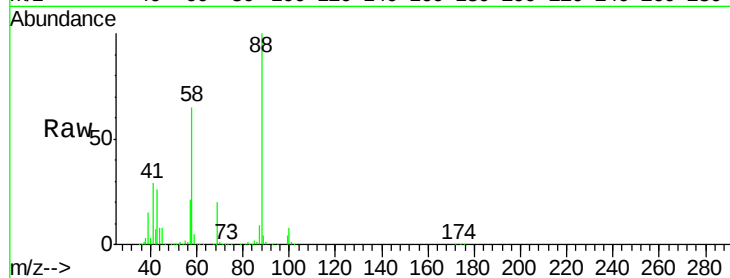
Tgt Ion: 88 Resp: 199198

Ion Ratio Lower Upper

88 100

43 29.2 25.0 37.6

58 67.4 56.9 85.3



#46

Methyl methacrylate

Concen: 119.86 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

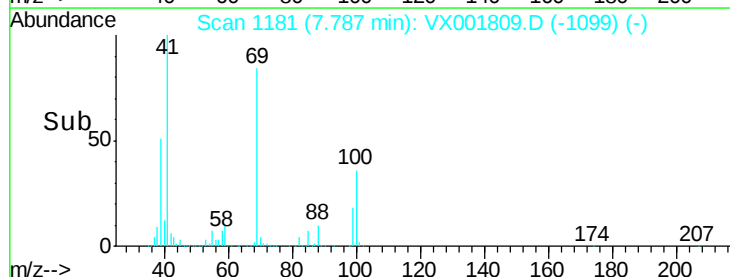
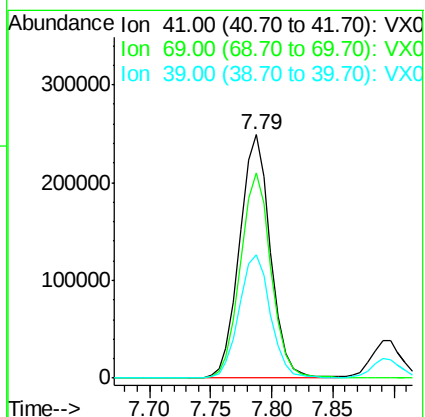
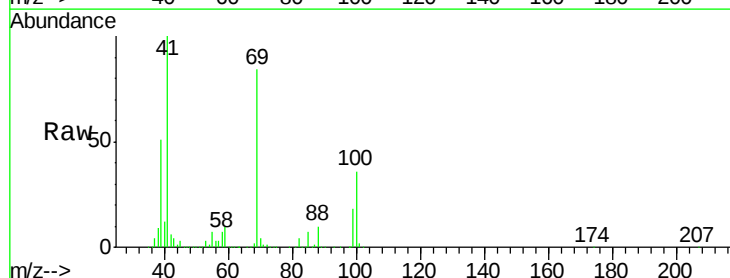
Tgt Ion: 41 Resp: 435419

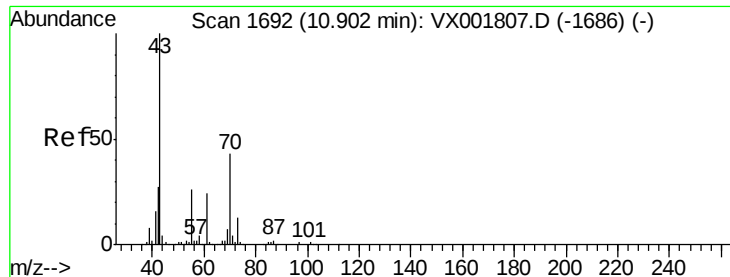
Ion Ratio Lower Upper

41 100

69 84.2 40.9 122.7

39 50.8 25.3 75.9

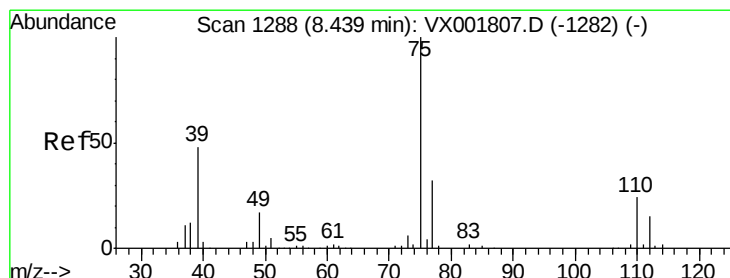
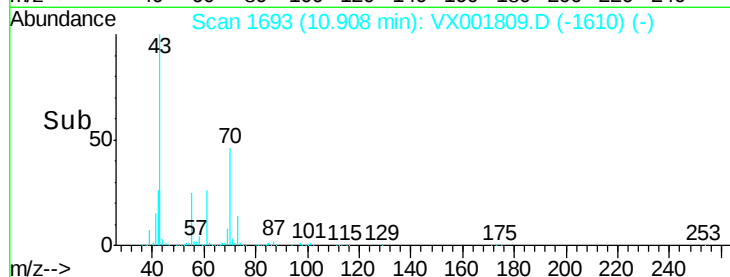
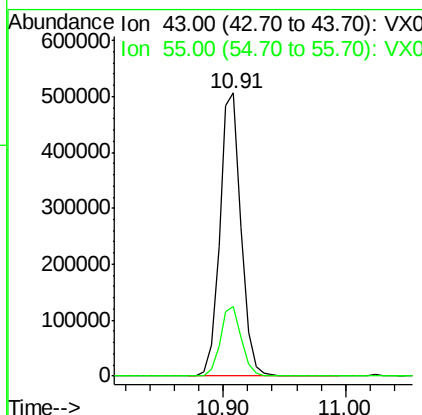
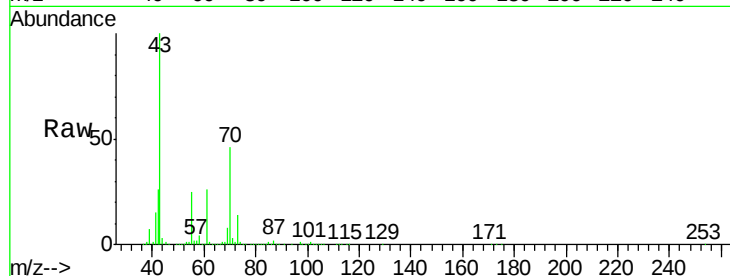




#47
n-amyl Acetate
Concen: 109.53 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

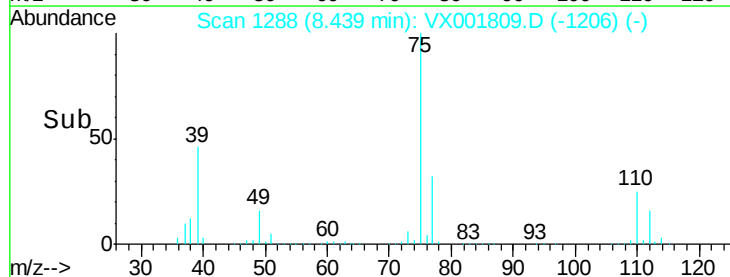
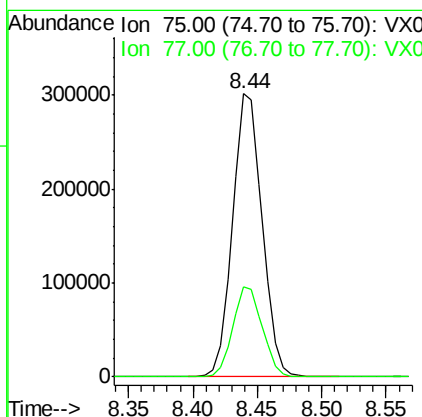
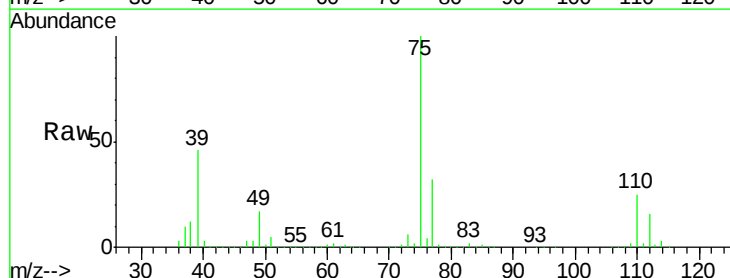
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

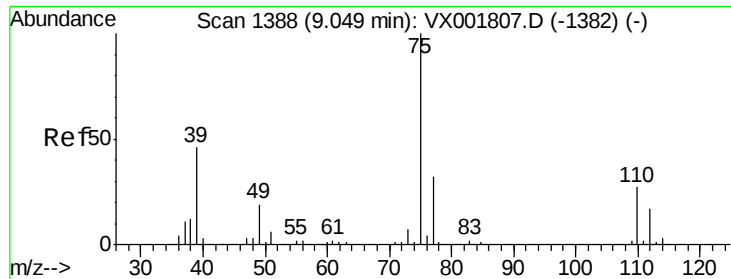
Tgt Ion: 43 Resp: 607308
Ion Ratio Lower Upper
43 100
55 24.7 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 117.24 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion: 75 Resp: 481042
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

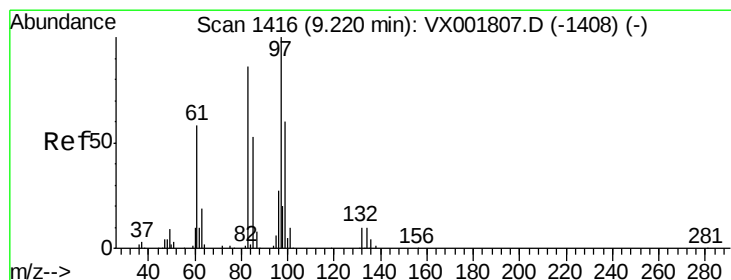
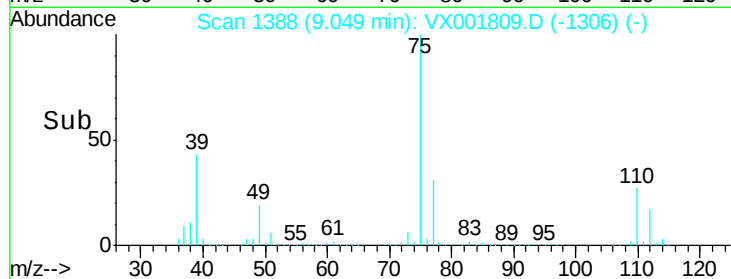
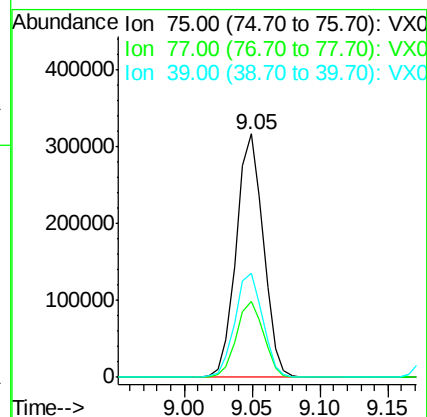
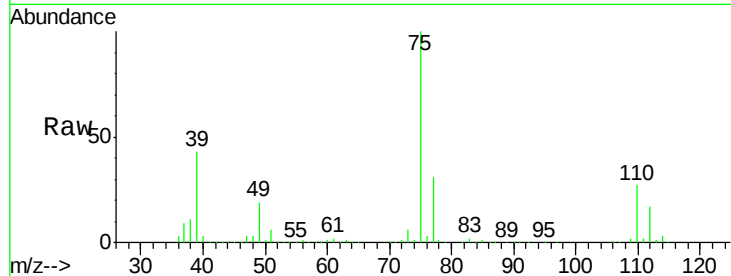




#49
 cis-1,3-Dichloropropene
 Concen: 121.48 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

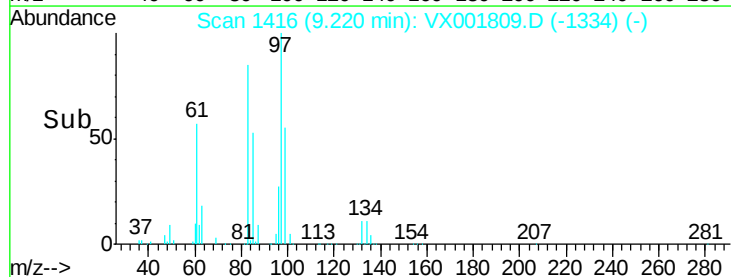
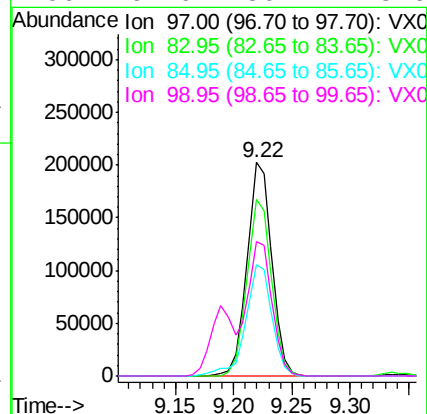
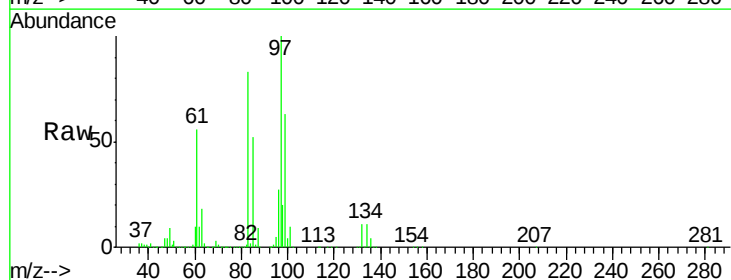
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

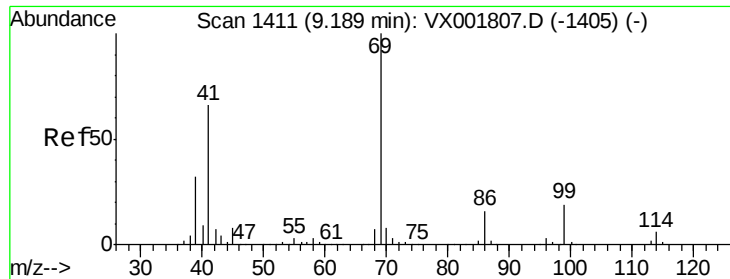
Tgt Ion: 75 Resp: 440030
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 42.9 37.0 55.4



#50
 1,1,2-Trichloroethane
 Concen: 103.05 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 97 Resp: 301314
 Ion Ratio Lower Upper
 97 100
 83 83.0 68.6 103.0
 85 52.4 42.5 63.7
 99 62.9 50.4 75.6





#51

Ethyl methacrylate

Concen: 111.74 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

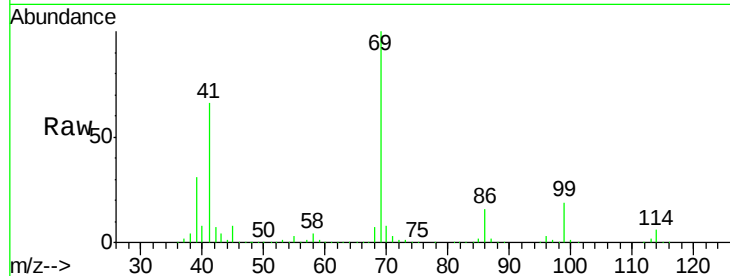
Tgt Ion: 69 Resp: 469792

Ion Ratio Lower Upper

69 100

41 65.7 32.9 98.7

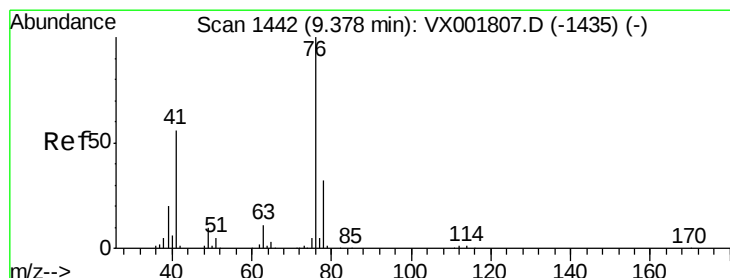
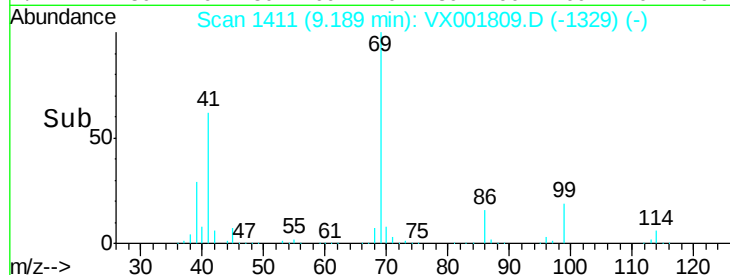
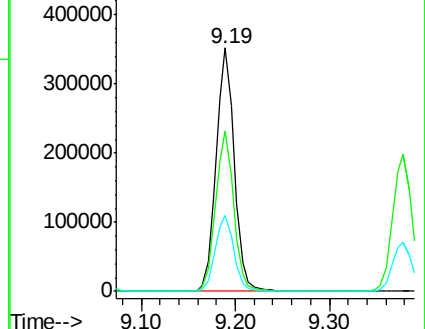
39 31.3 16.1 48.2



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: 103.08 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001809.D

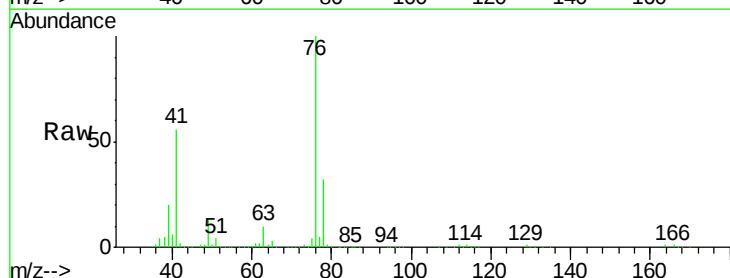
Acq: 18 May 2018 05:34

Tgt Ion: 76 Resp: 494174

Ion Ratio Lower Upper

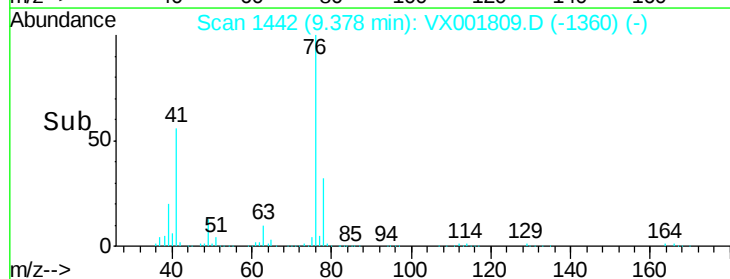
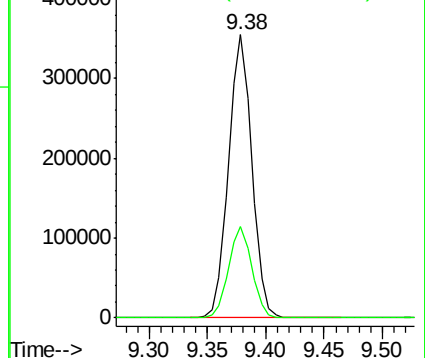
76 100

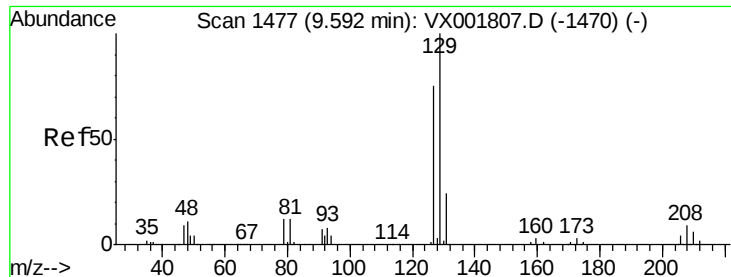
78 32.3 0.0 63.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

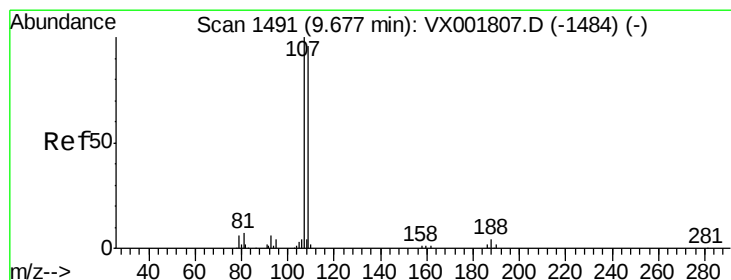
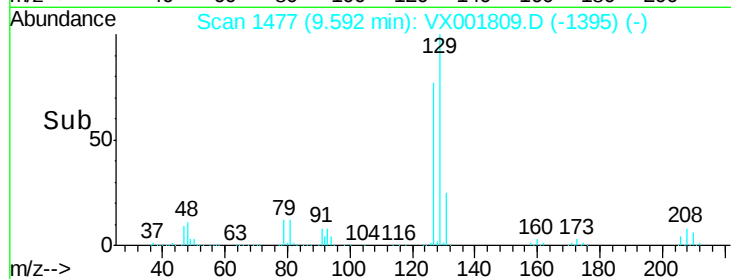
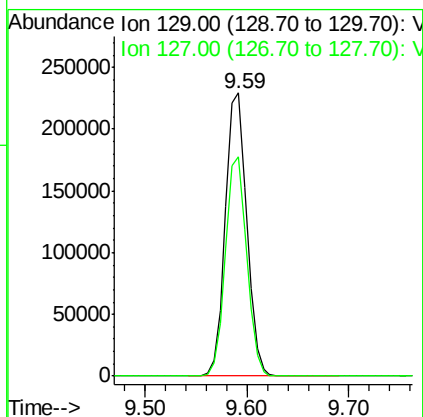
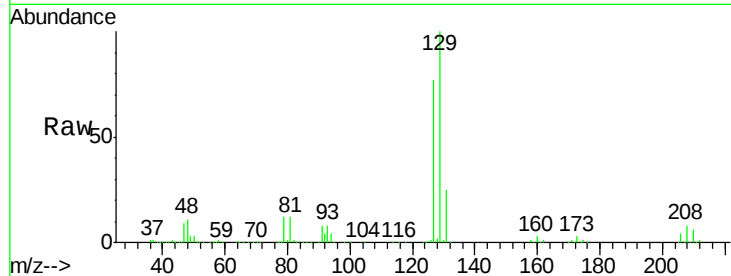




#53
 Dibromochloromethane
 Concen: 110.38 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

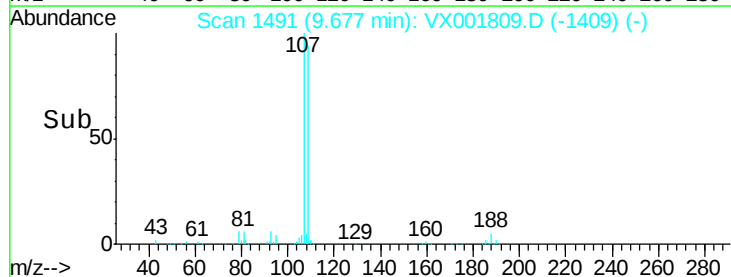
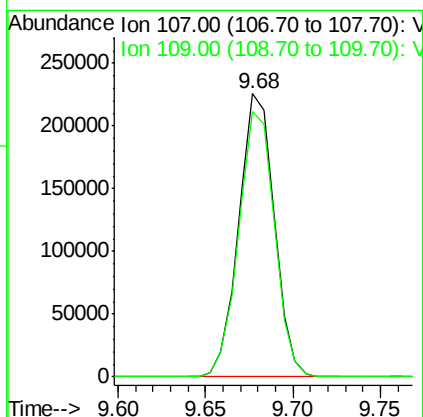
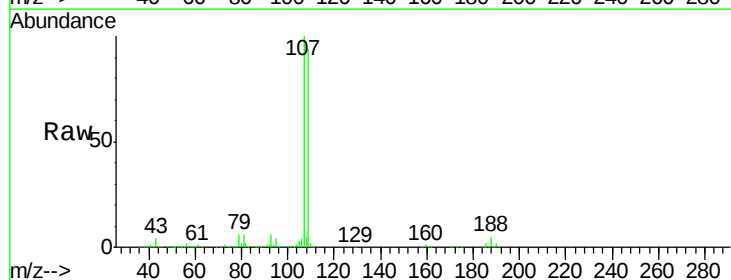
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

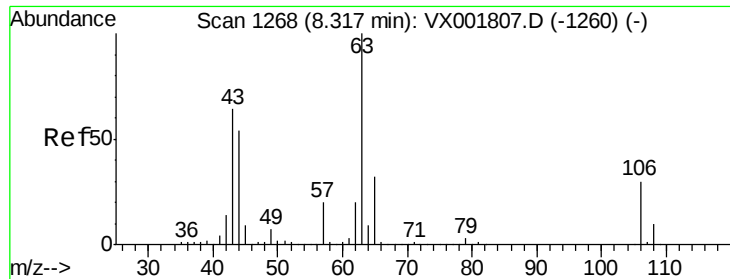
Tgt Ion:129 Resp: 333079
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.7 116.1



#54
 1,2-Dibromoethane
 Concen: 104.77 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion:107 Resp: 320457
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.3 114.5

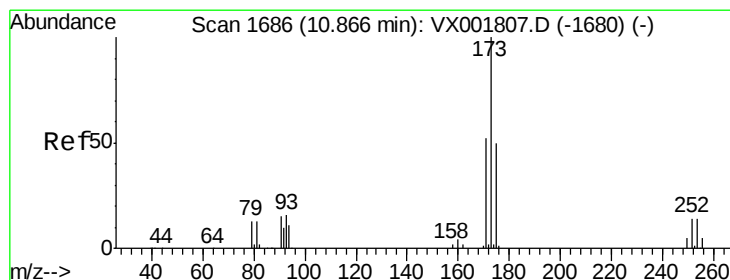
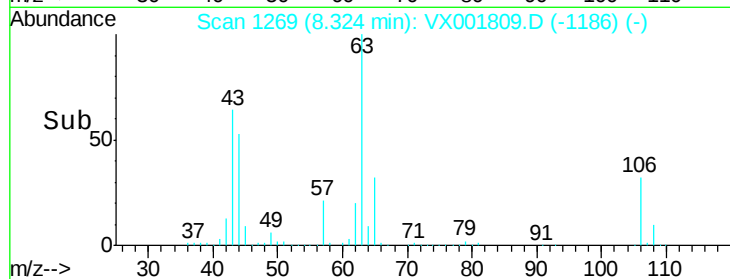
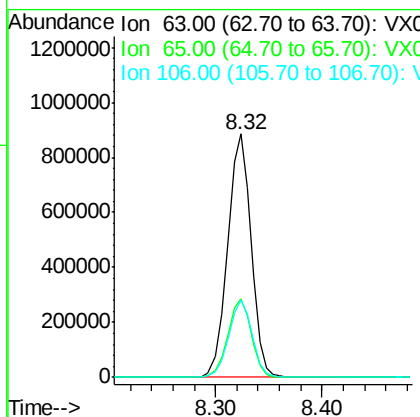
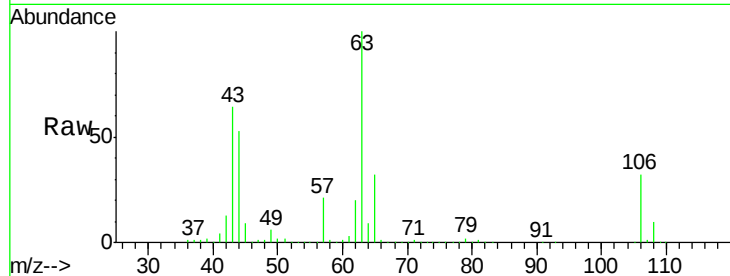




#55
 2-Chloroethyl vinyl ether
 Concen: 598.21 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

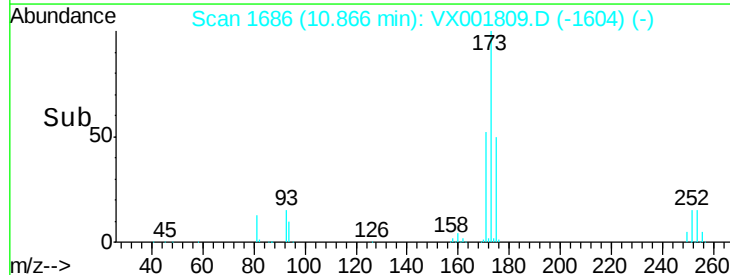
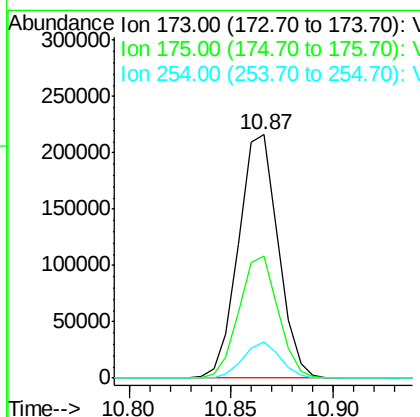
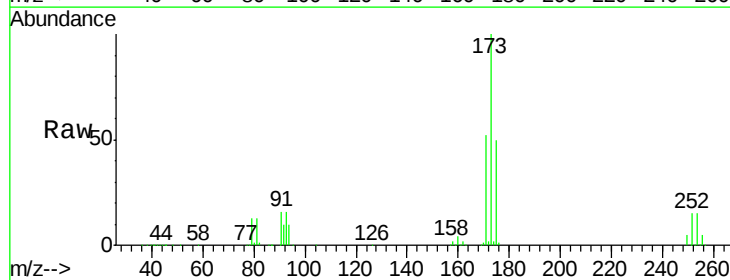
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

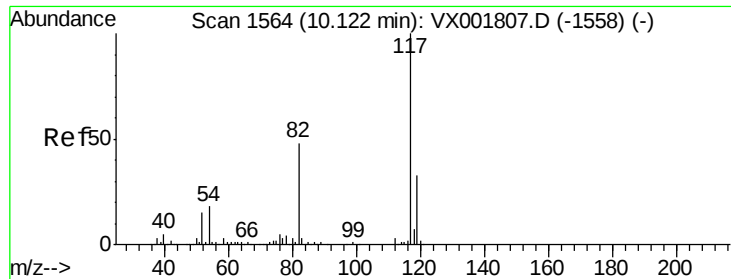
Tgt Ion: 63 Resp: 1367457
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.4 38.2
 106 31.5 24.9 37.3



#56
 Bromoform
 Concen: 117.67 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 173 Resp: 292331
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.8 58.2
 254 13.9 10.7 16.1

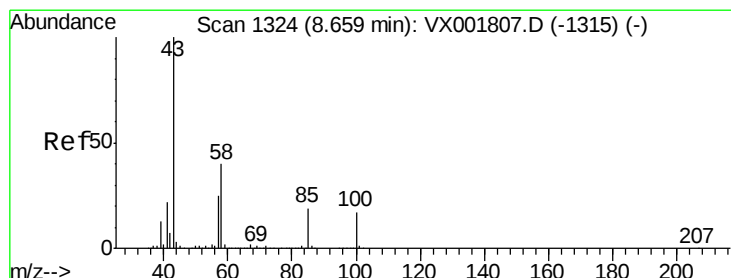
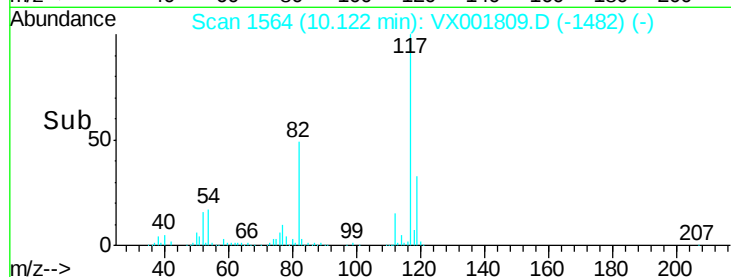
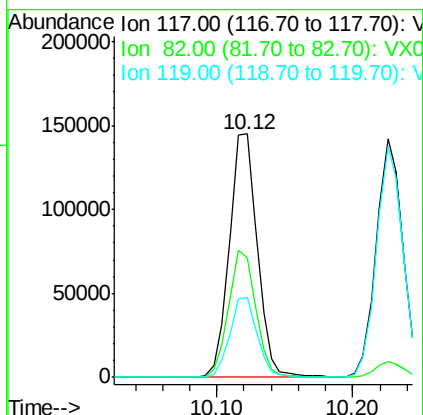
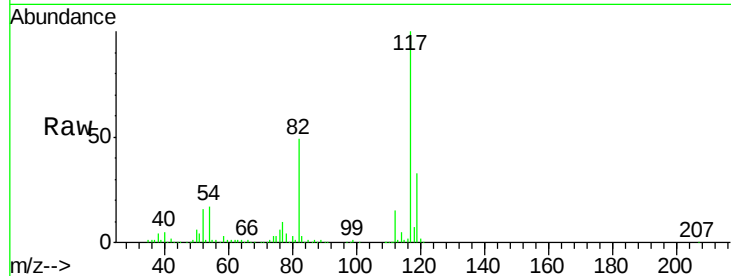




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

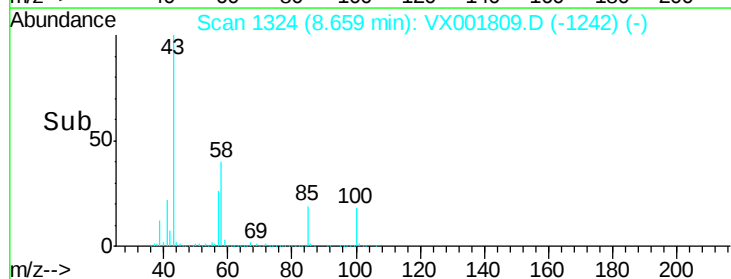
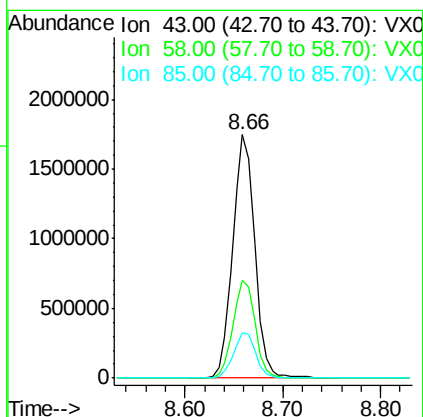
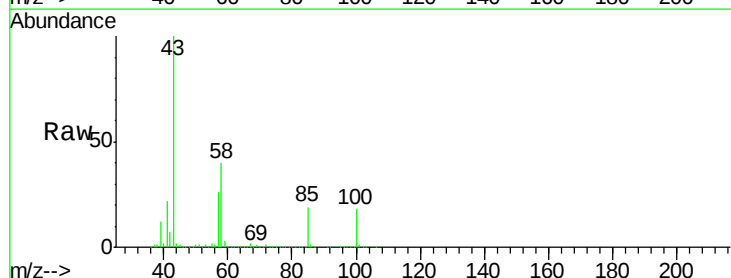
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

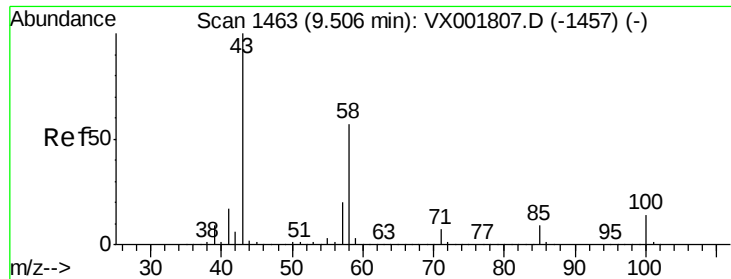
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.1	60.1
119	32.4	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 684.29 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.3	46.9
85	19.0	14.5	21.7

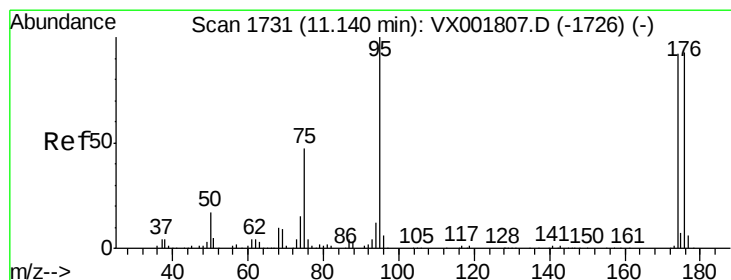
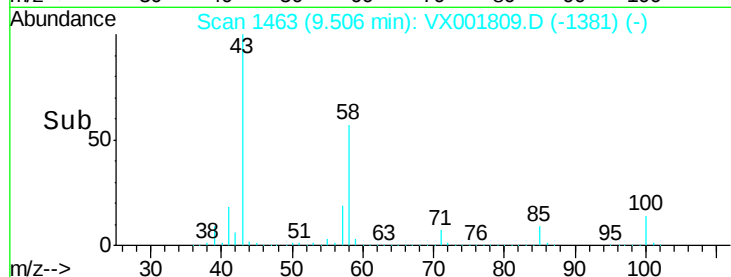
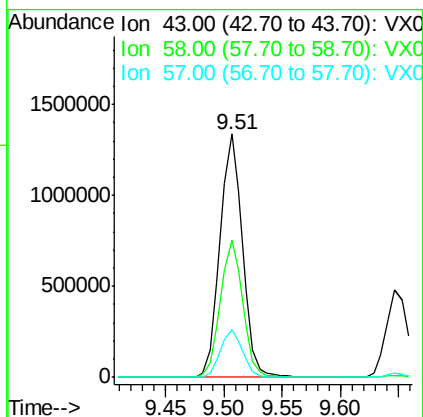
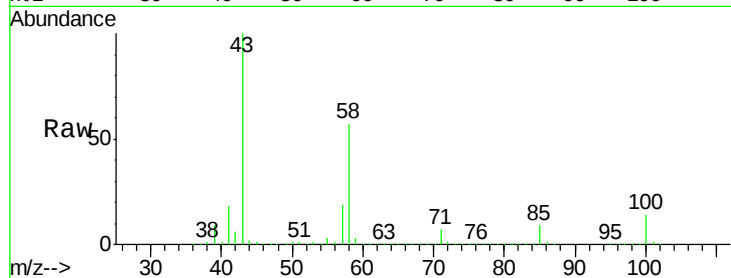




#59
2-Hexanone
Concen: 617.09 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

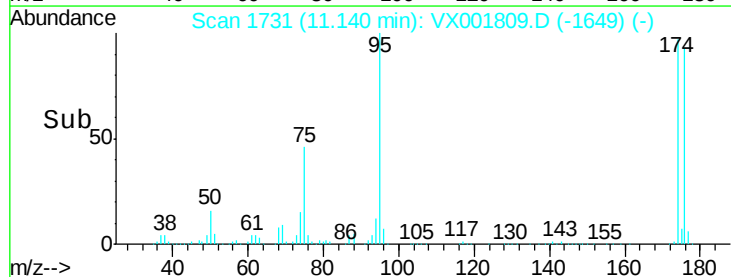
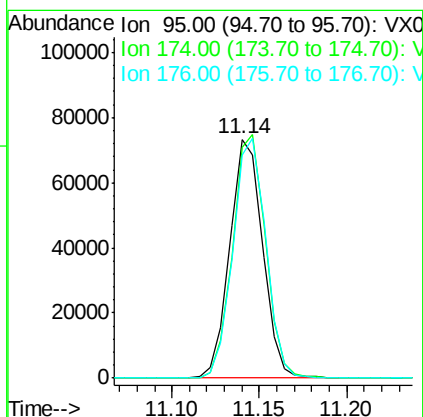
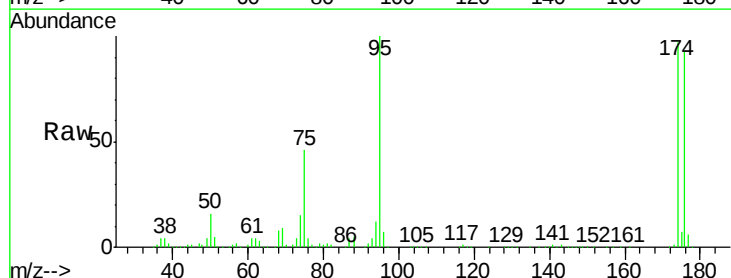
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

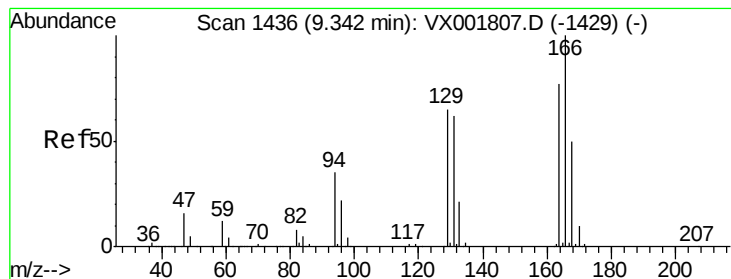
Tgt Ion: 43 Resp: 1784444
Ion Ratio Lower Upper
43 100
58 56.3 44.6 66.8
57 19.2 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion: 95 Resp: 95946
Ion Ratio Lower Upper
95 100
174 102.3 82.0 123.0
176 101.0 80.6 120.8





#61

Tetrachloroethene

Concen: 102.92 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 305233

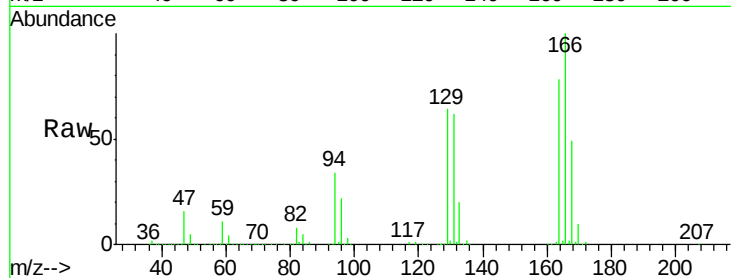
Ion Ratio Lower Upper

164 100

166 128.9 104.1 156.1

129 82.0 67.8 101.8

131 80.3 64.6 97.0

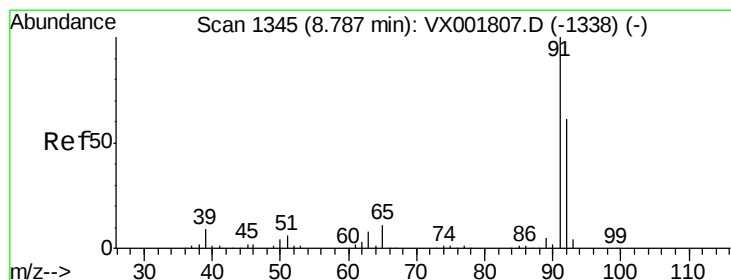
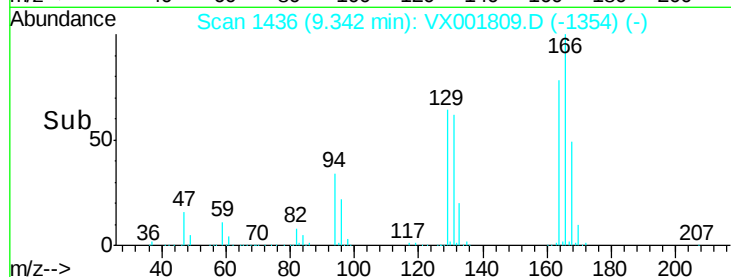
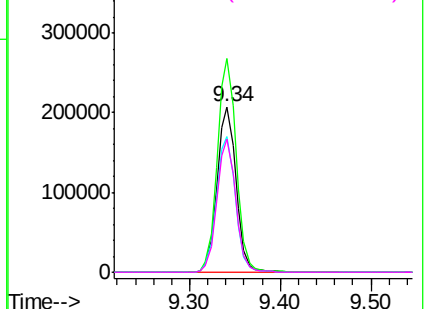


Abundance Ion 163.85 (163.55 to 164.55): V

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: 120.19 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX001809.D

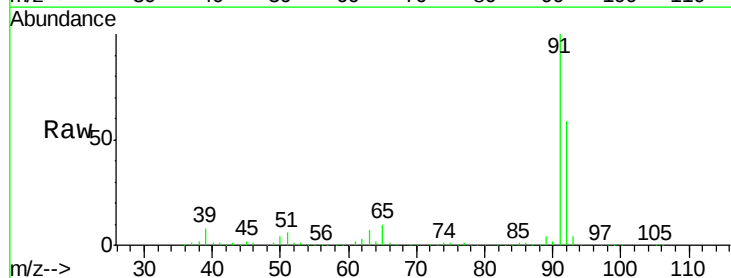
Acq: 18 May 2018 05:34

Tgt Ion: 91 Resp: 1224970

Ion Ratio Lower Upper

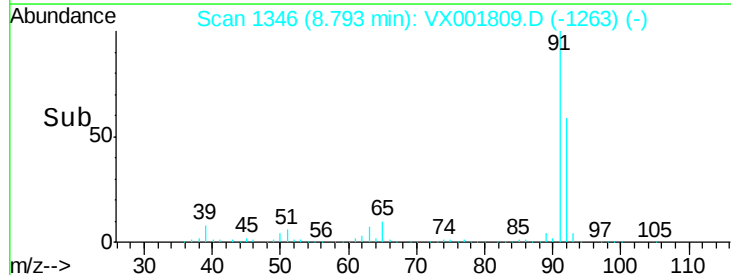
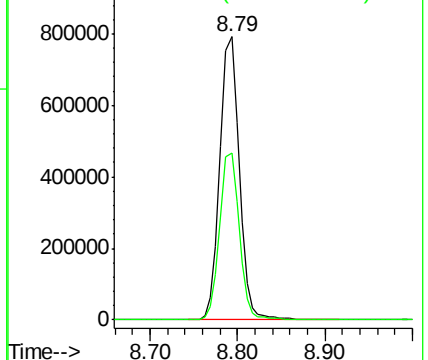
91 100

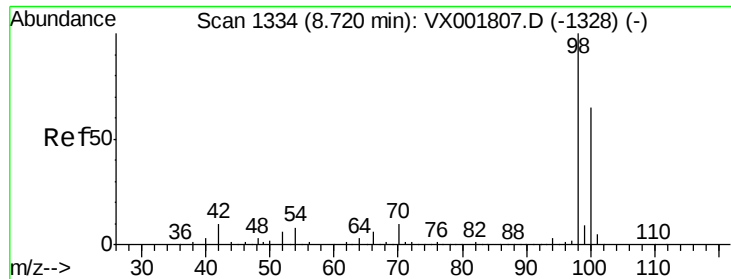
92 59.6 47.8 71.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 33.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

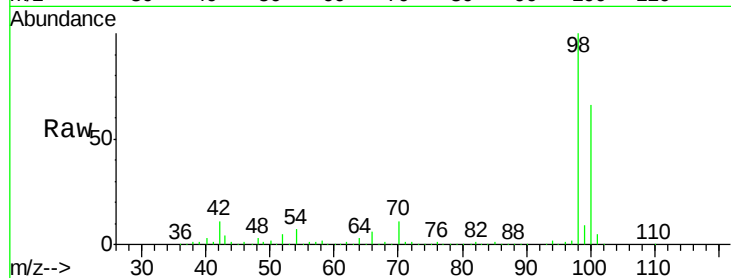
VSTDIC100

Tgt Ion: 98 Resp: 316343

Ion Ratio Lower Upper

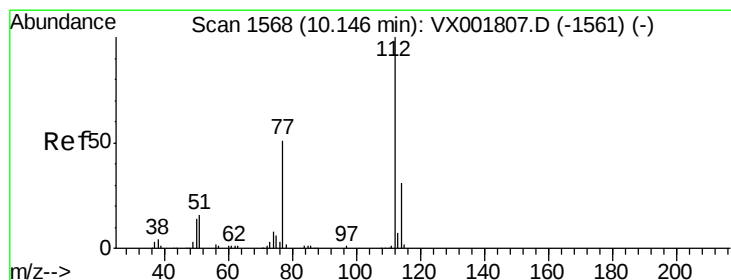
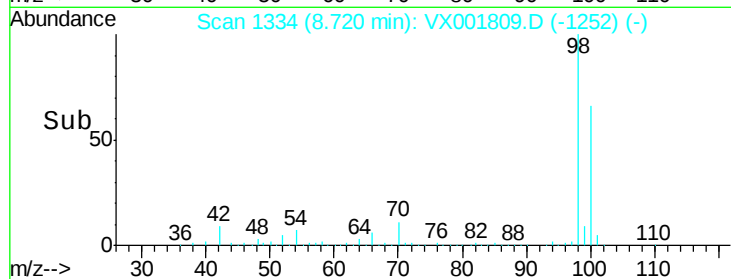
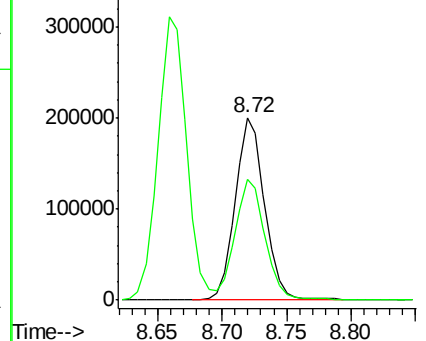
98 100

100 67.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 108.91 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001809.D

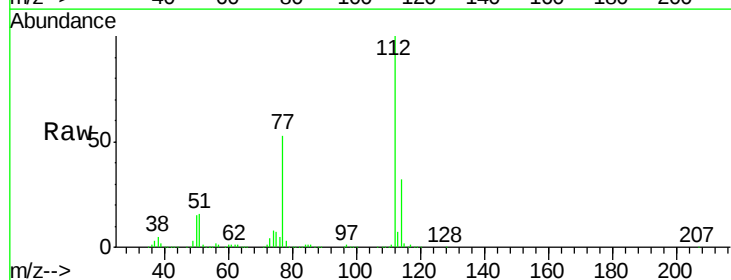
Acq: 18 May 2018 05:34

Tgt Ion: 112 Resp: 710814

Ion Ratio Lower Upper

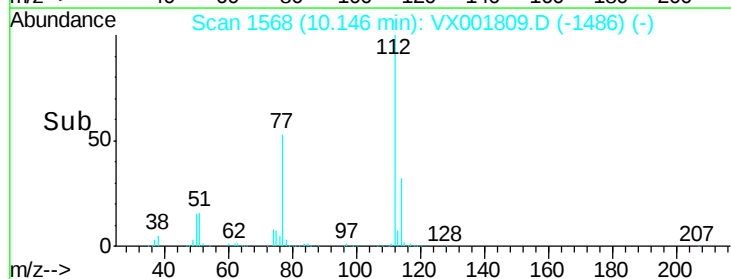
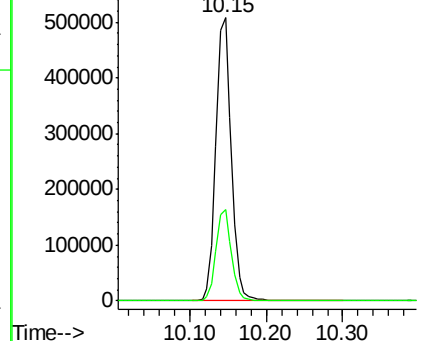
112 100

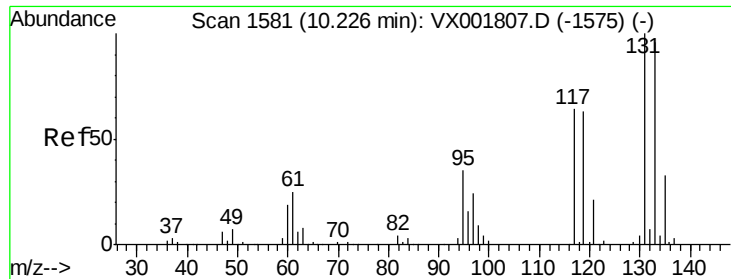
114 32.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

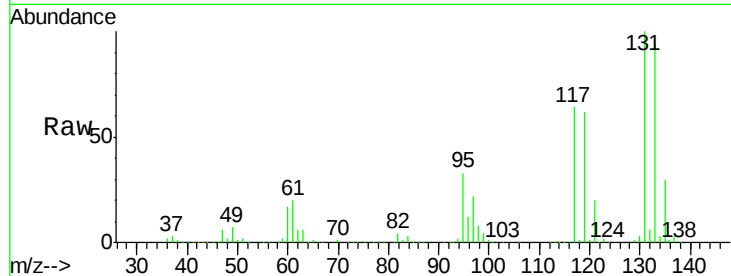




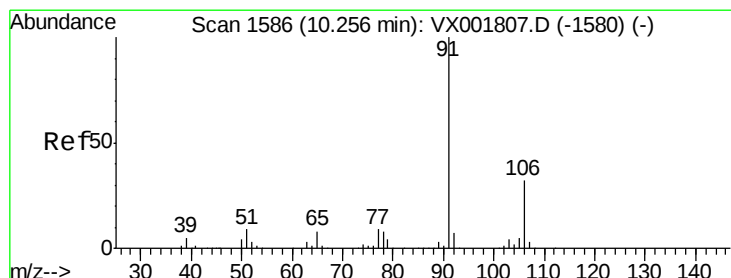
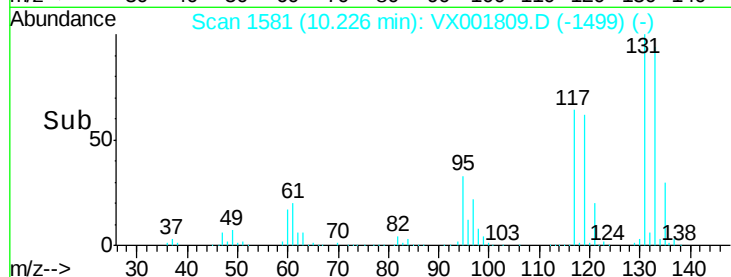
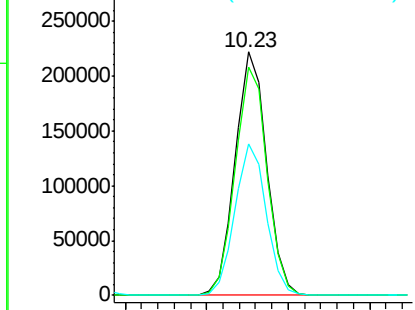
#65
 1,1,1,2-Tetrachloroethane
 Concen: 118.42 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 131 Resp: 298454
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 192.2
 119 61.9 0.0 125.4

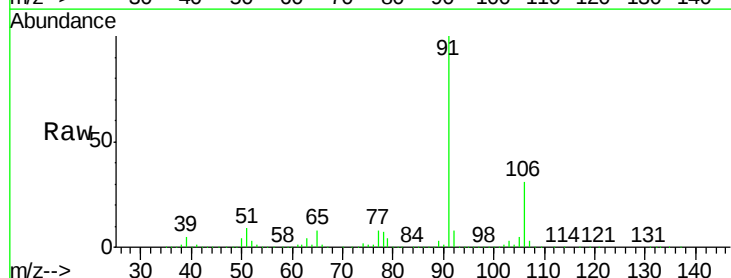


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

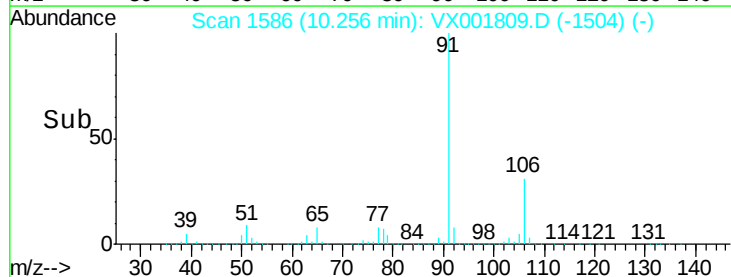
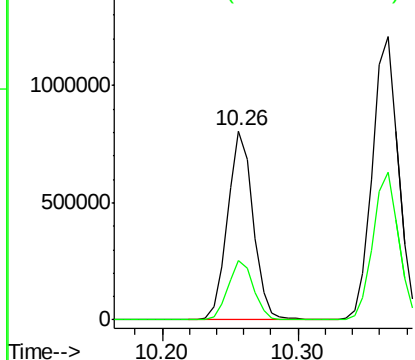


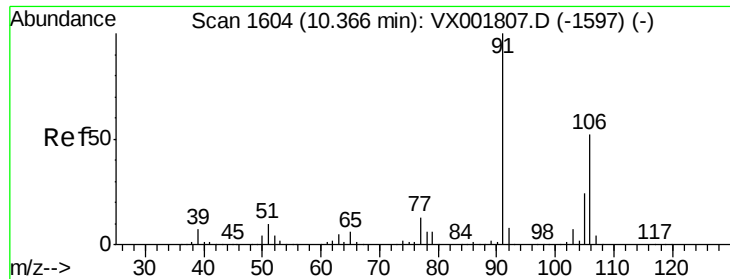
#66
 Ethyl Benzene
 Concen: 104.05 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 91 Resp: 1053106
 Ion Ratio Lower Upper
 91 100
 106 31.5 25.8 38.6



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

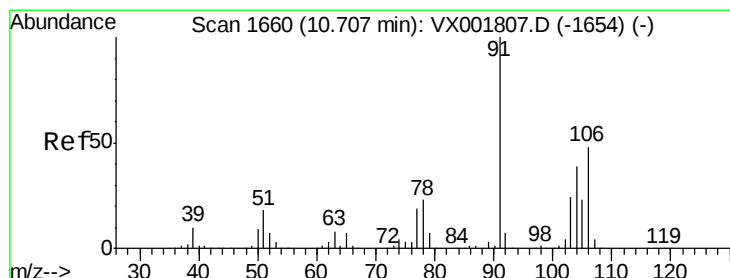
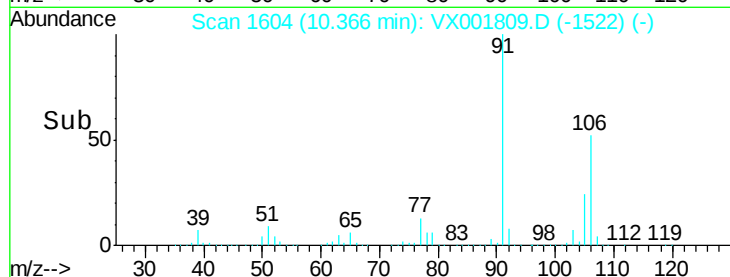
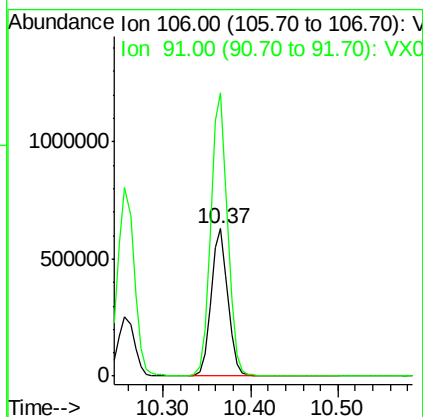
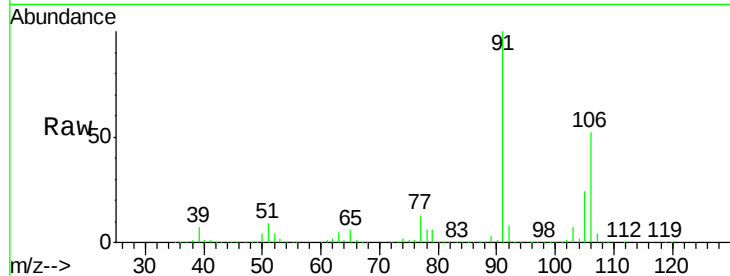




#67
m/p-Xylenes
Concen: 207.11 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

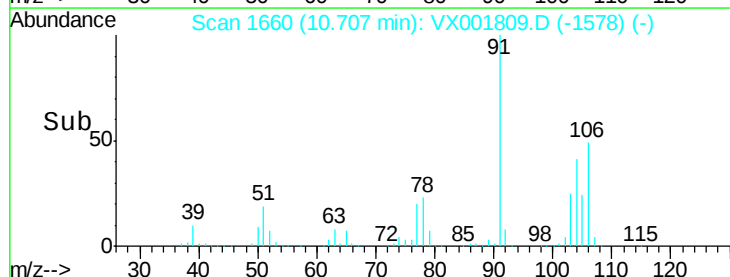
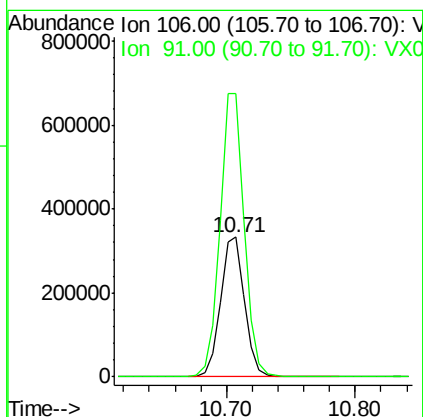
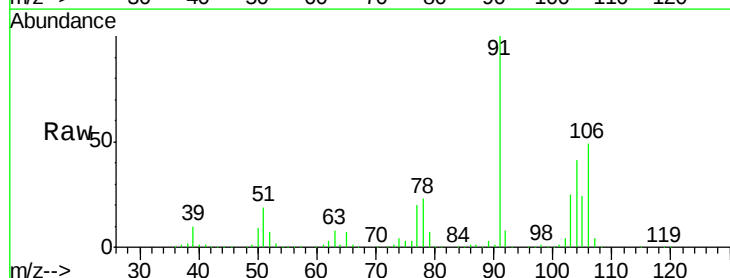
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

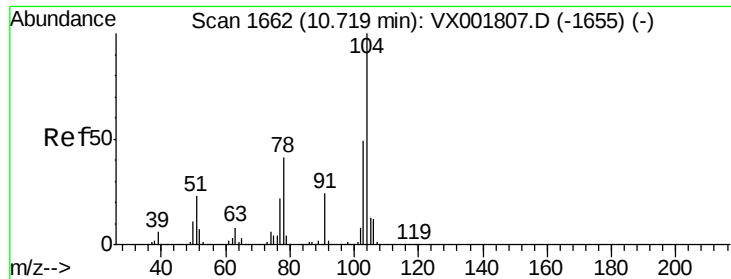
Tgt Ion:106 Resp: 835853
Ion Ratio Lower Upper
106 100
91 193.9 154.7 232.1



#68
o-Xylene
Concen: 108.36 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion:106 Resp: 436652
Ion Ratio Lower Upper
106 100
91 205.2 104.3 312.8

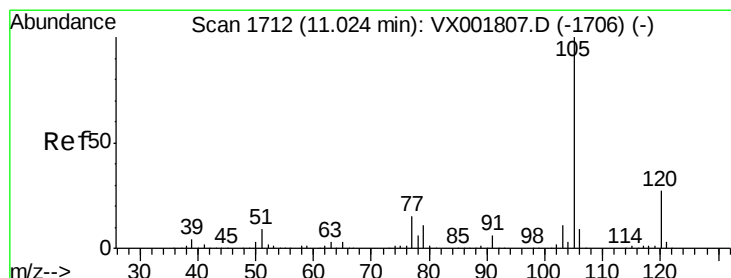
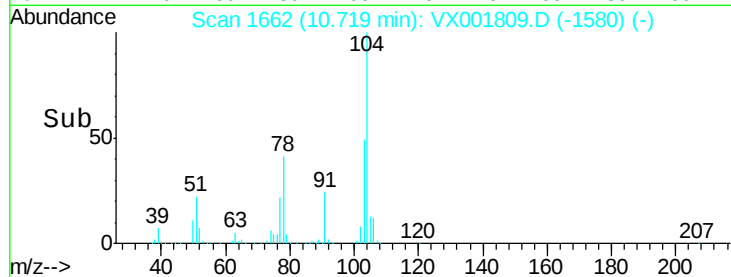
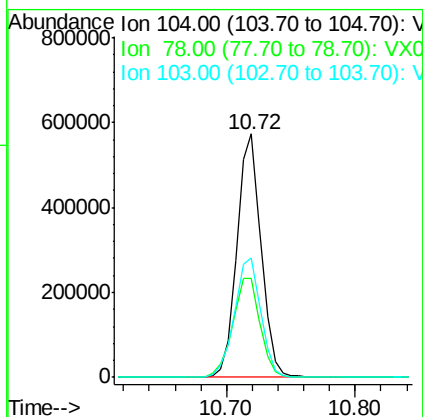
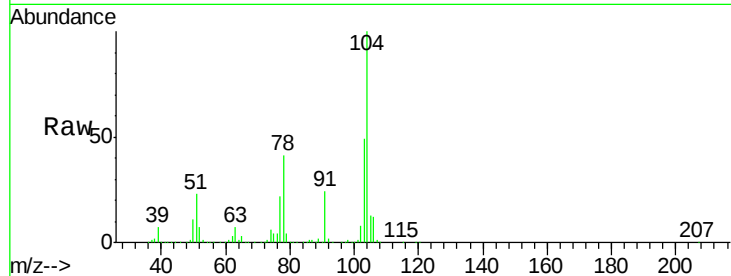




#69
Styrene
Concen: 111.58 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

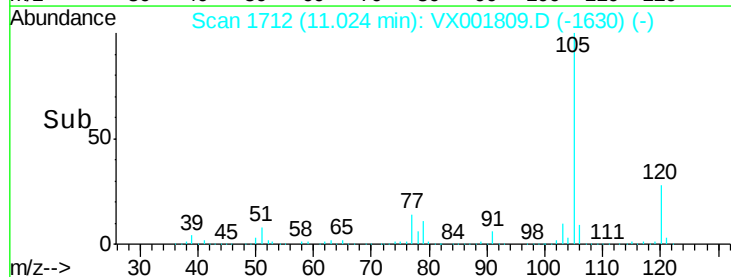
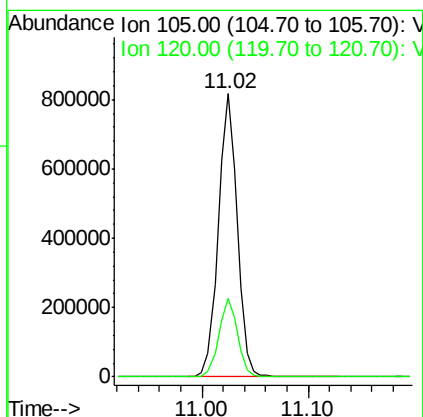
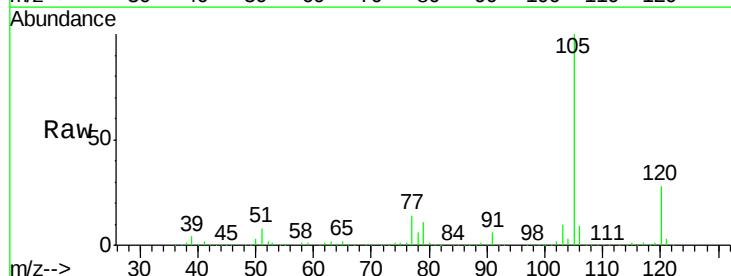
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

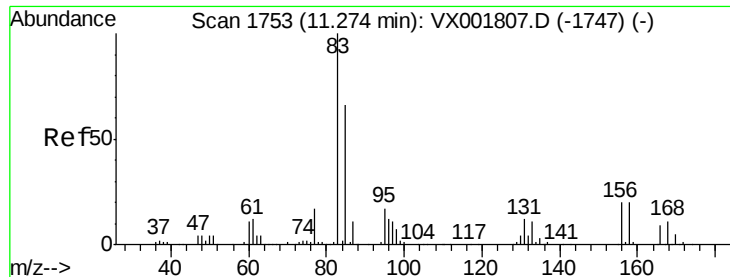
Tgt Ion:104 Resp: 746779
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.6
103 54.3 43.5 65.3



#70
Isopropylbenzene
Concen: 98.94 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion:105 Resp: 1006581
Ion Ratio Lower Upper
105 100
120 27.6 19.3 35.9

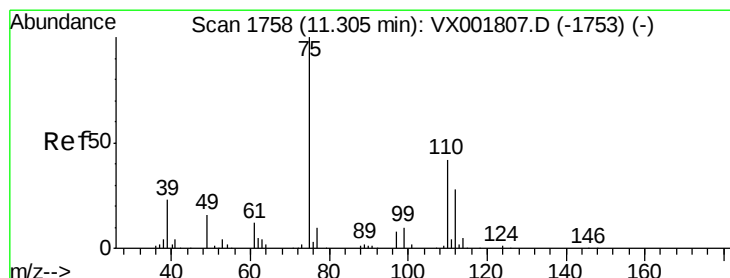
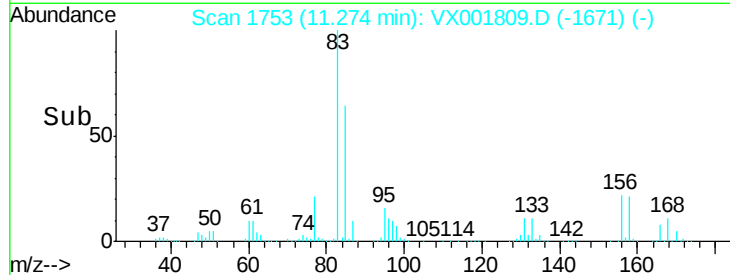
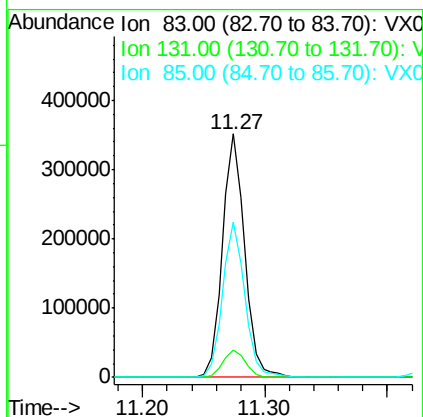
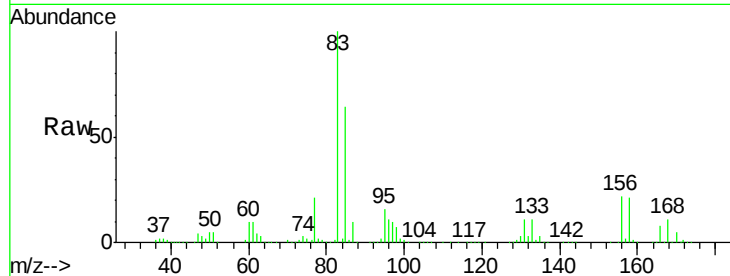




#71
 1,1,2,2-Tetrachloroethane
 Concen: 120.96 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

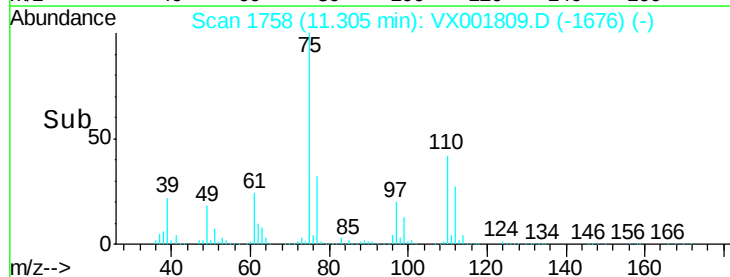
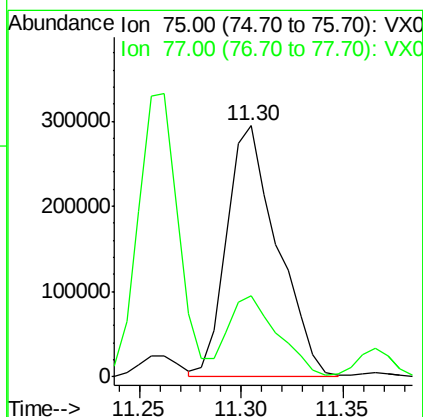
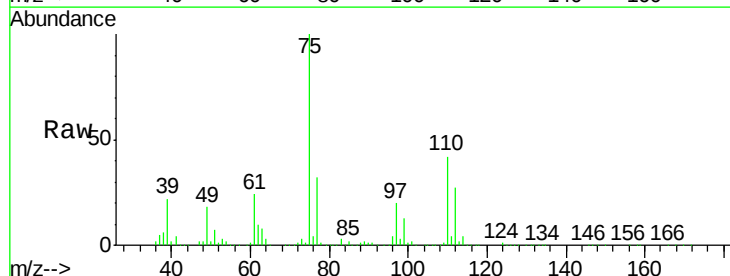
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

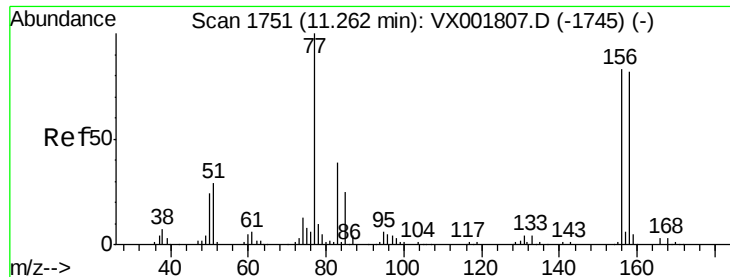
Tgt Ion: 83 Resp: 441069
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.8 17.3
 85 63.8 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 143.63 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion: 75 Resp: 507364
 Ion Ratio Lower Upper
 75 100
 77 31.1 0.0 74.6





#73

Bromobenzene

Concen: 110.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

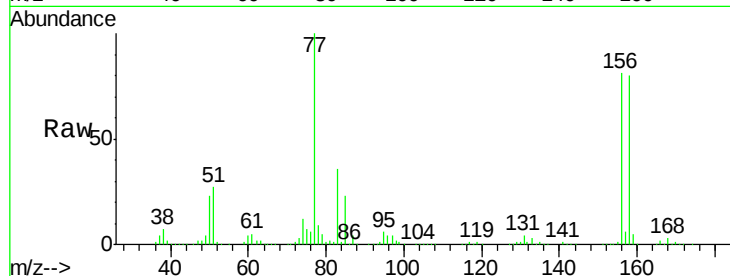
Tgt Ion:156 Resp: 350562

Ion Ratio Lower Upper

156 100

77 127.8 0.0 261.8

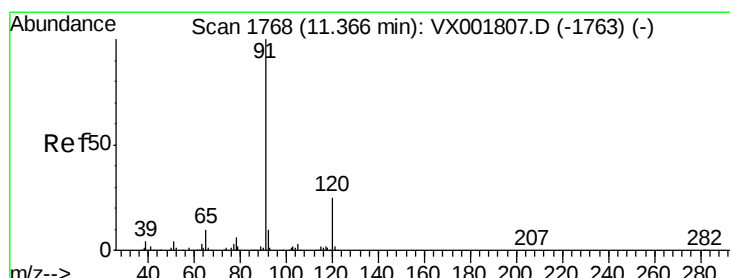
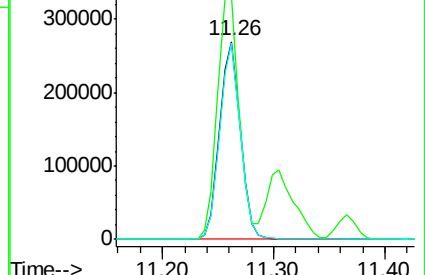
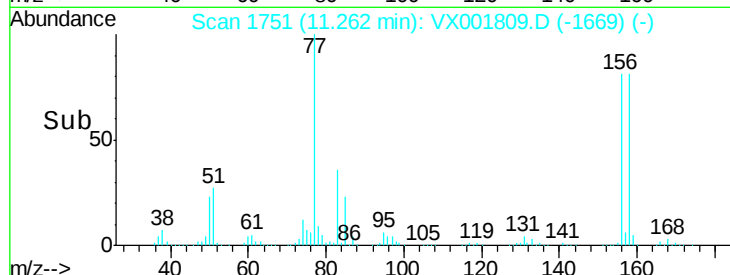
158 97.5 0.0 198.2



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: 97.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001809.D

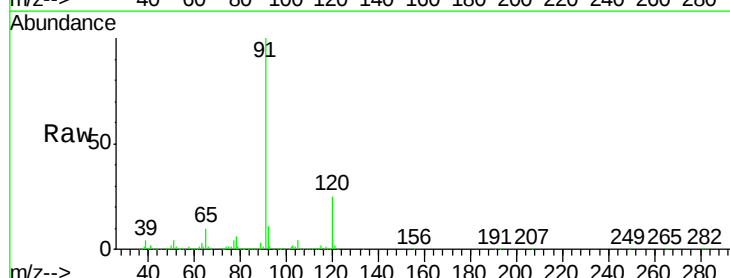
Acq: 18 May 2018 05:34

Tgt Ion: 91 Resp: 1079214

Ion Ratio Lower Upper

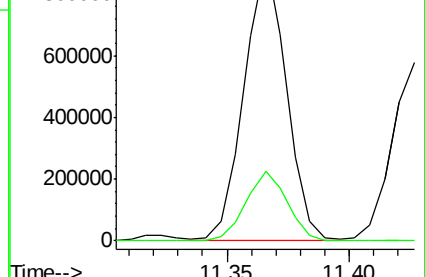
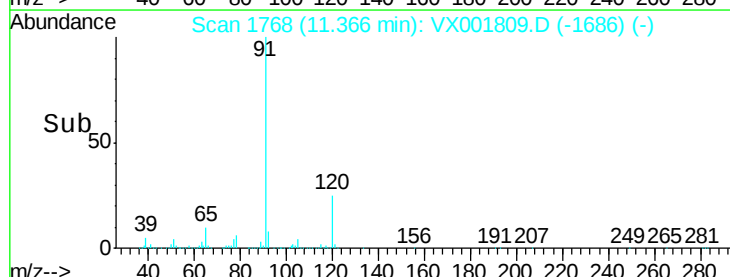
91 100

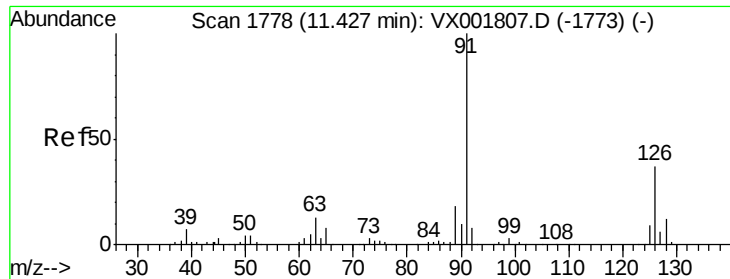
120 24.6 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 101.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

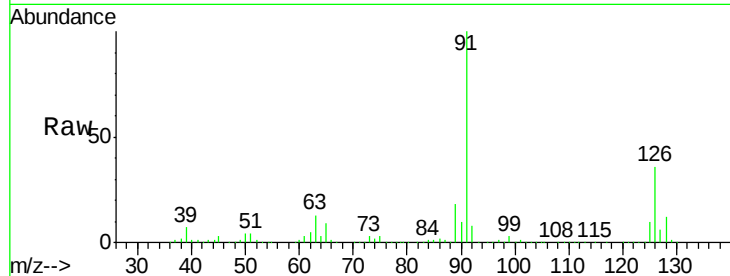
VSTDIC100

Tgt Ion: 91 Resp: 718529

Ion Ratio Lower Upper

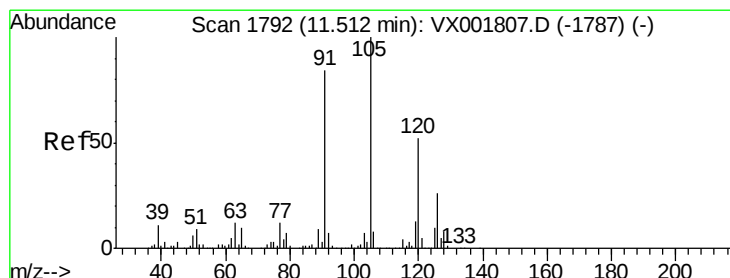
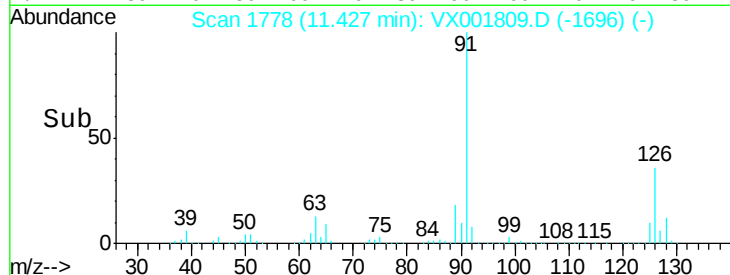
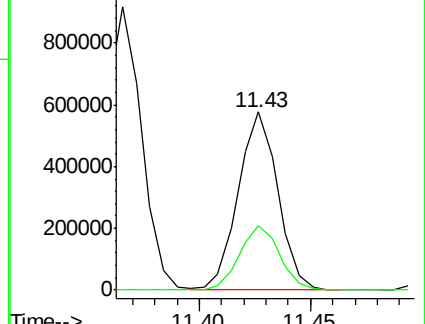
91 100

126 36.3 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001807.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001807.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 99.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001809.D

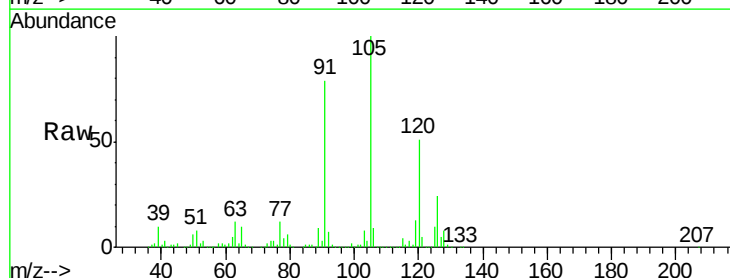
Acq: 18 May 2018 05:34

Tgt Ion: 105 Resp: 854496

Ion Ratio Lower Upper

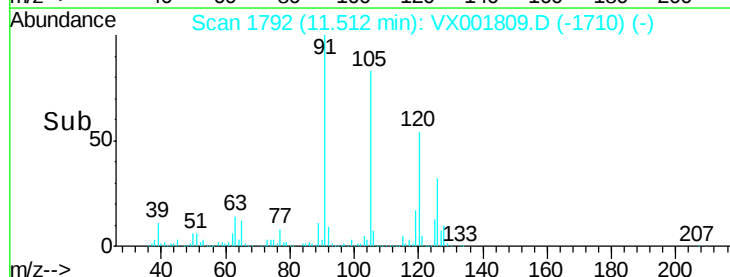
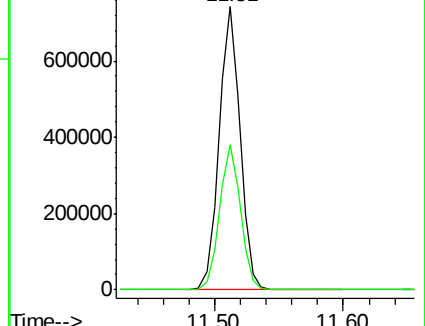
105 100

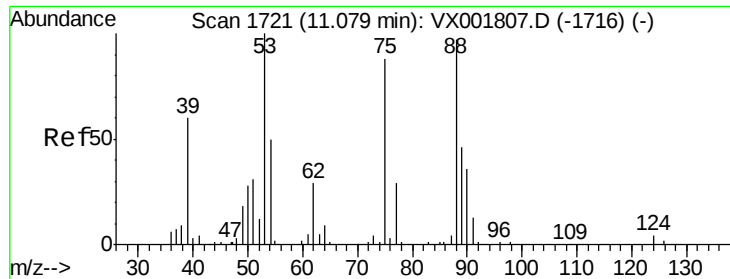
120 50.9 0.0 103.0



Abundance Ion 105.00 (104.70 to 105.70): VX001807.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001807.D (-1787) (-)

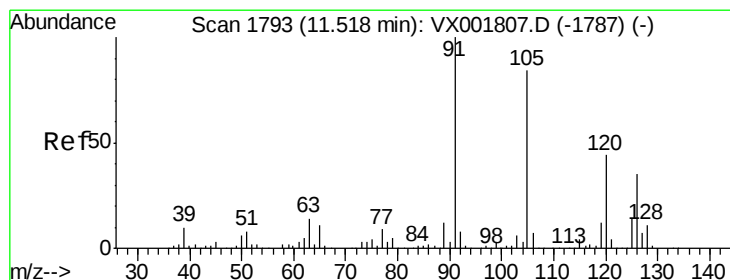
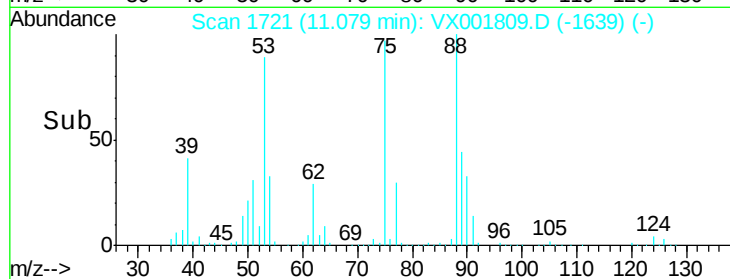
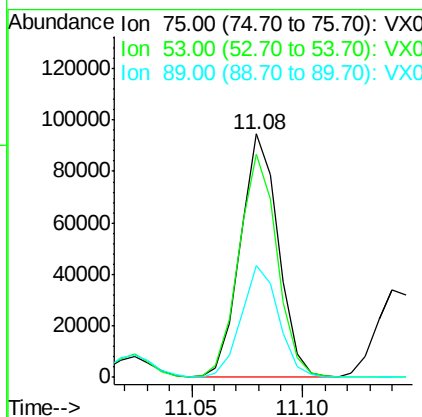
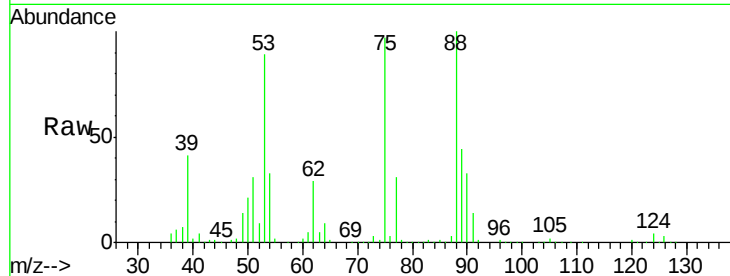




#77
t-1,4-Dichloro-2-butene
Concen: 128.31 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

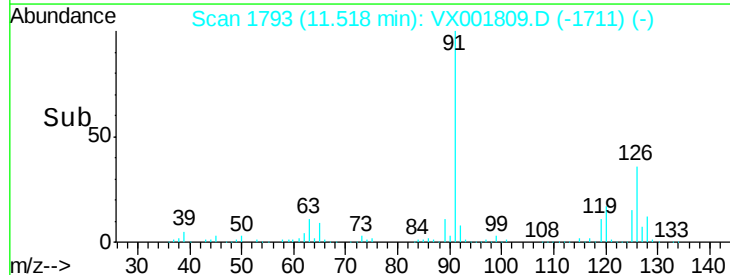
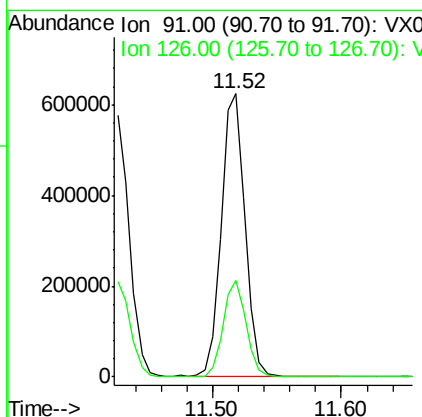
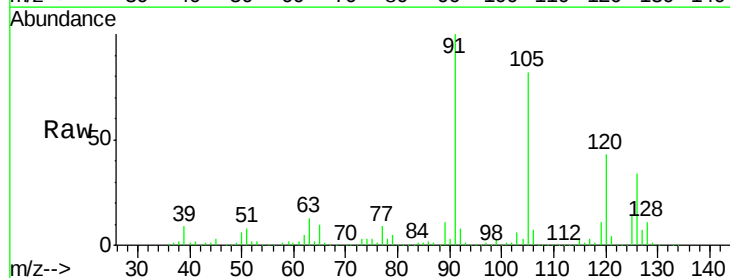
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

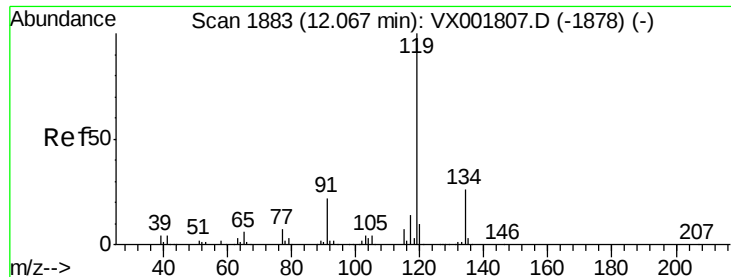
Tgt Ion: 75 Resp: 113066
Ion Ratio Lower Upper
75 100
53 91.8 57.0 170.8
89 46.0 26.3 78.9



#78
4-Chlorotoluene
Concen: 101.11 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion: 91 Resp: 809881
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.8

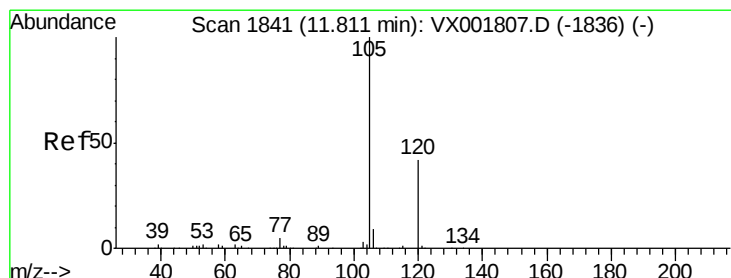
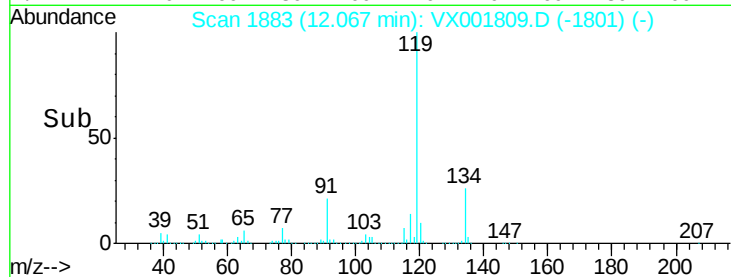
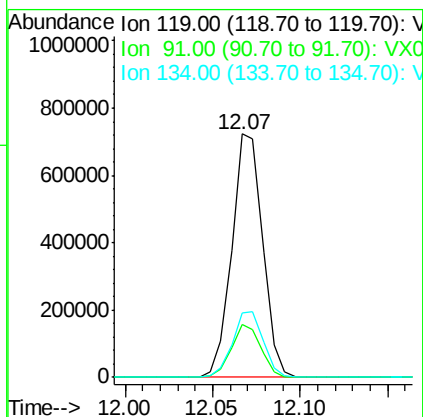
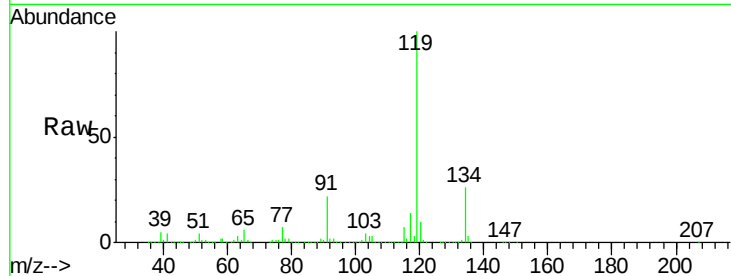




#79
tert-butylbenzene
Concen: 99.23 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

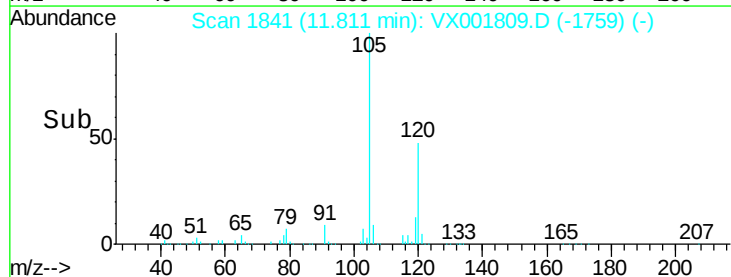
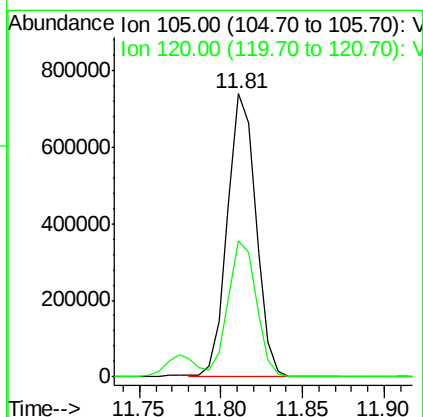
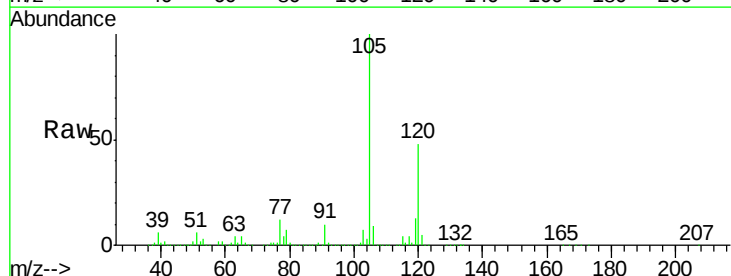
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

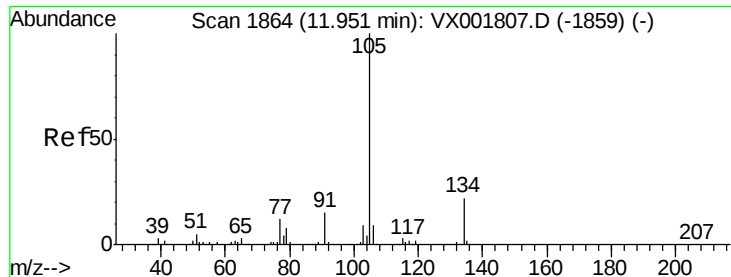
Tgt Ion:119 Resp: 885853
Ion Ratio Lower Upper
119 100
91 20.9 0.0 43.2
134 26.8 0.0 54.6



#80
1,2,4-Trimethylbenzene
Concen: 102.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001809.D
Acq: 18 May 2018 05:34

Tgt Ion:105 Resp: 895852
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.6

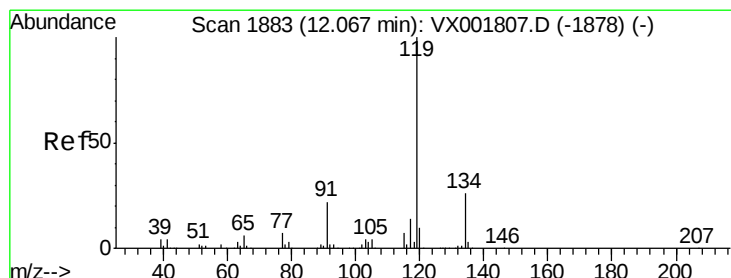
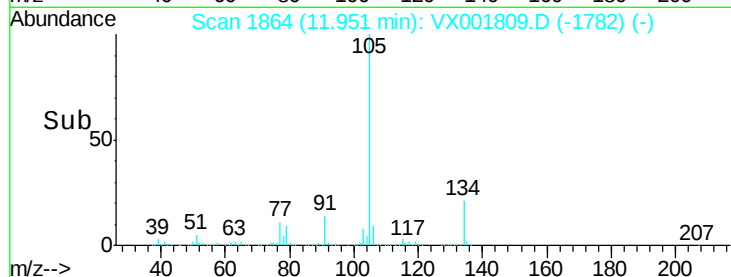
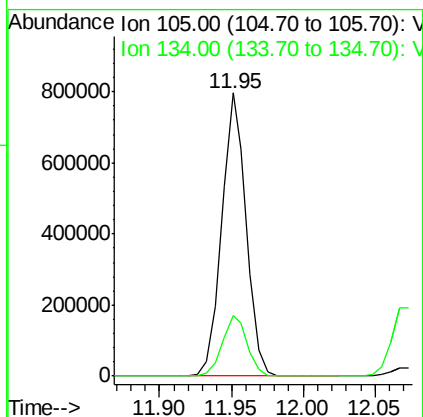
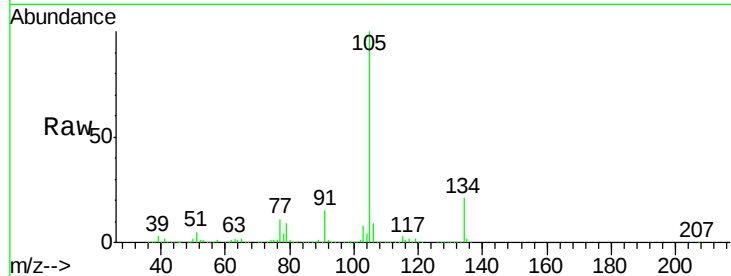




#81
 sec-Butylbenzene
 Concen: 96.70 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

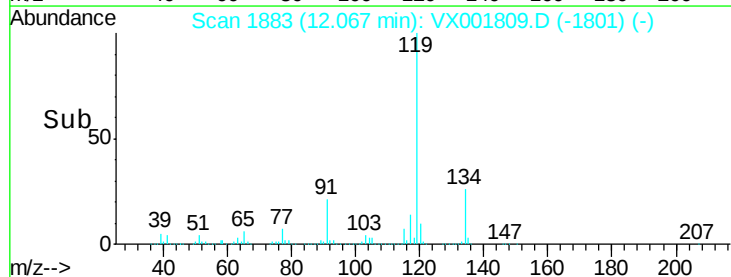
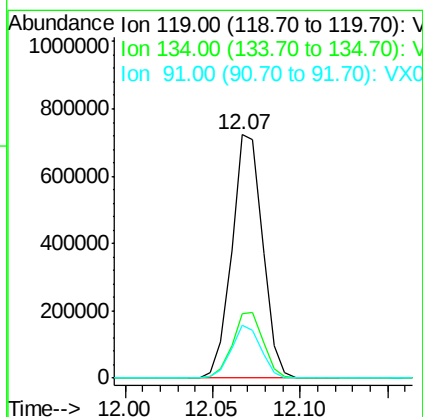
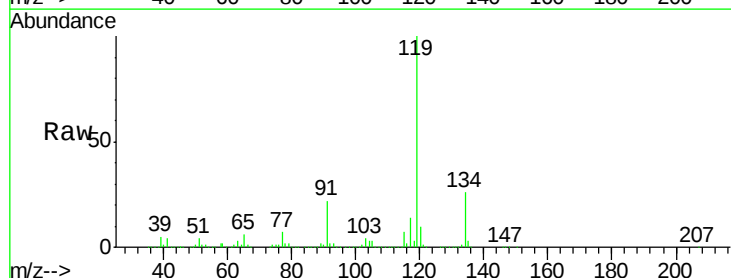
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

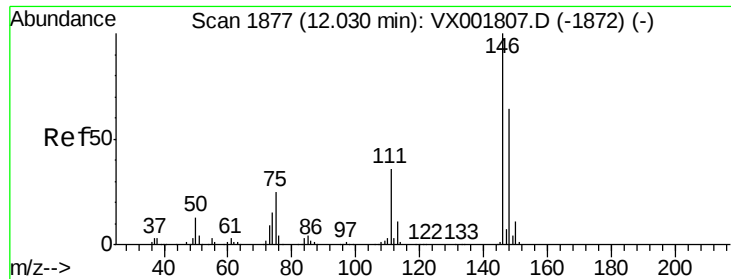
Tgt Ion:105 Resp: 946154
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 44.0



#82
 p-Isopropyltoluene
 Concen: 99.23 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion:119 Resp: 885853
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.6
 91 20.9 0.0 43.2

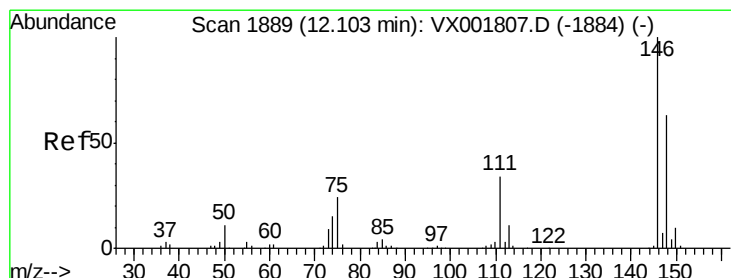
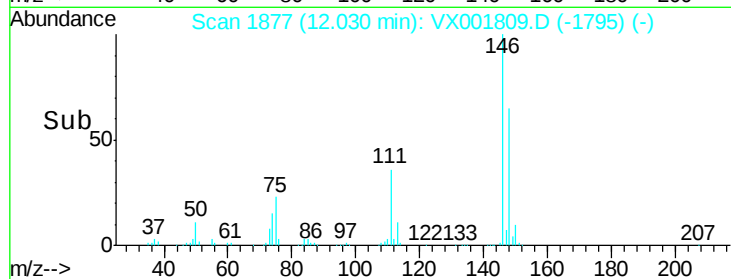
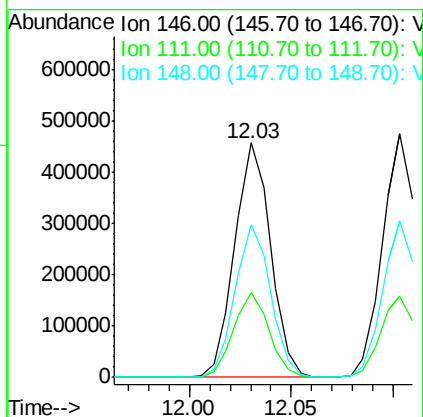
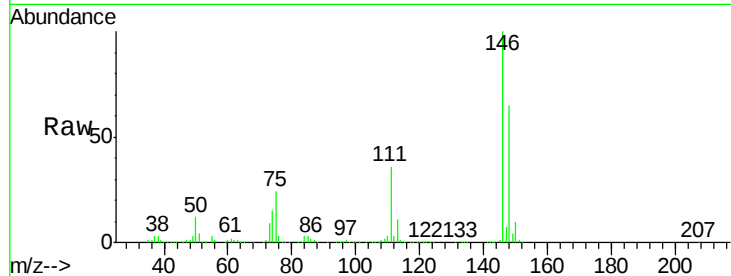




#83
 1,3-Dichlorobenzene
 Concen: 102.94 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

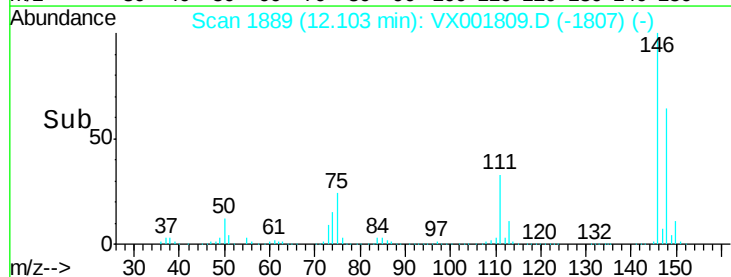
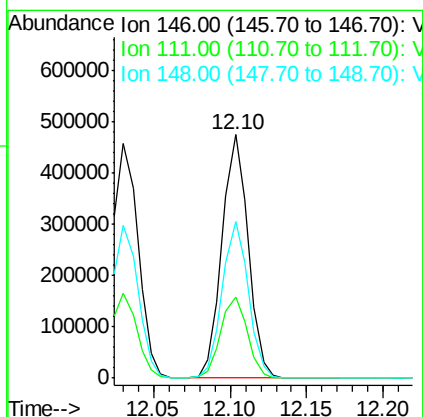
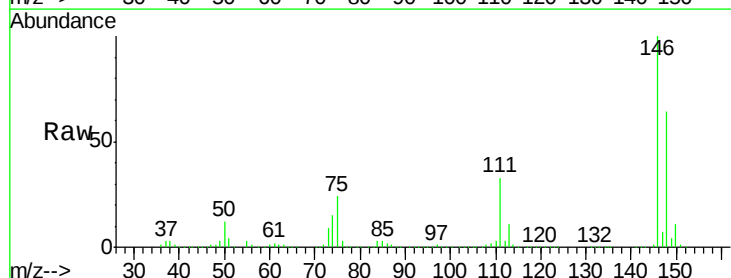
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

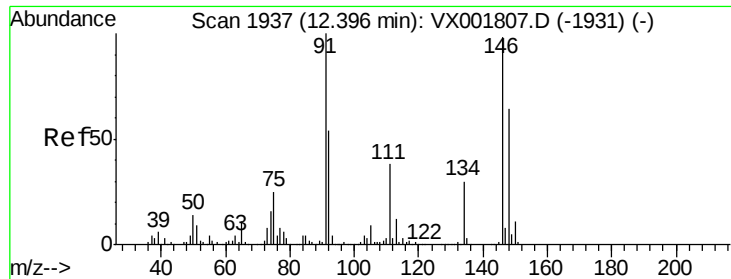
Tgt Ion:146 Resp: 559326
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.0 54.0
 148 64.5 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 103.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion:146 Resp: 564452
 Ion Ratio Lower Upper
 146 100
 111 34.1 17.1 51.2
 148 64.3 31.8 95.3





#85

n-Butylbenzene

Concen: 98.19 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

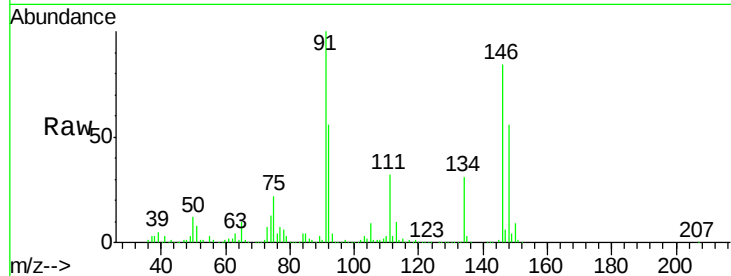
Tgt Ion: 91 Resp: 690675

Ion Ratio Lower Upper

91 100

92 54.7 0.0 108.2

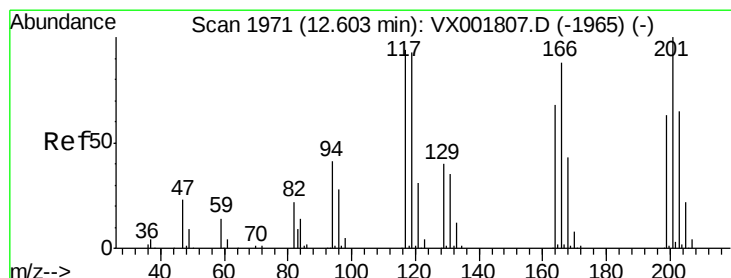
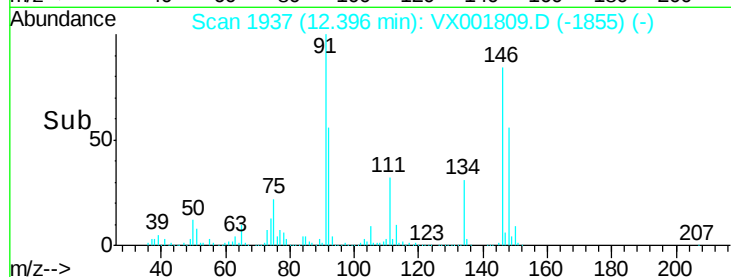
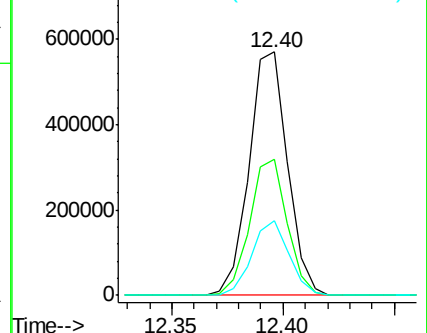
134 29.4 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 105.41 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001809.D

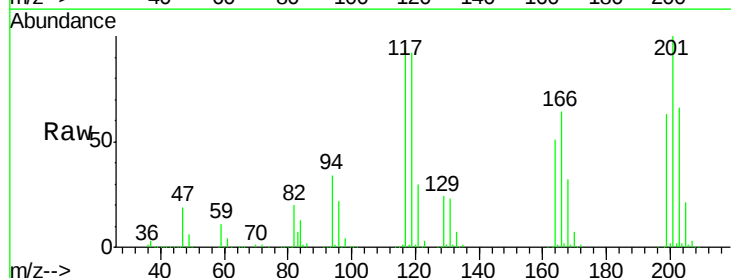
Acq: 18 May 2018 05:34

Tgt Ion: 117 Resp: 151568

Ion Ratio Lower Upper

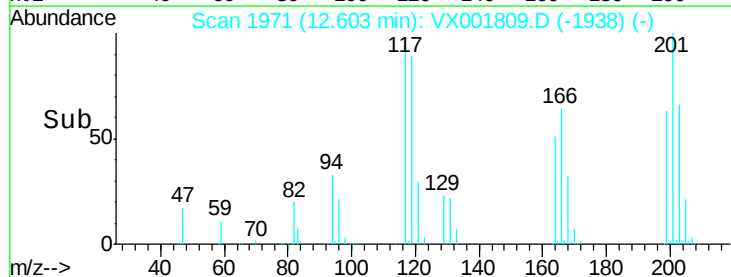
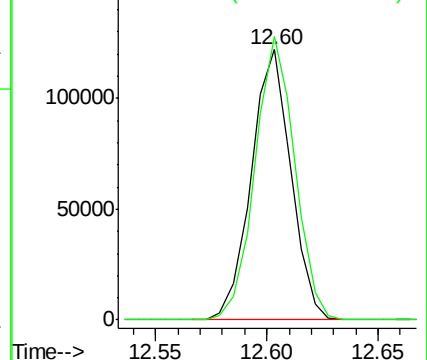
117 100

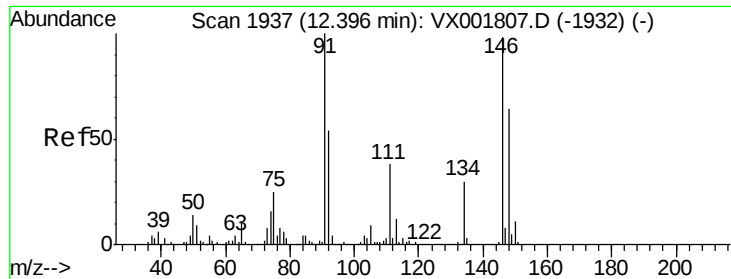
201 104.9 53.0 159.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 105.70 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

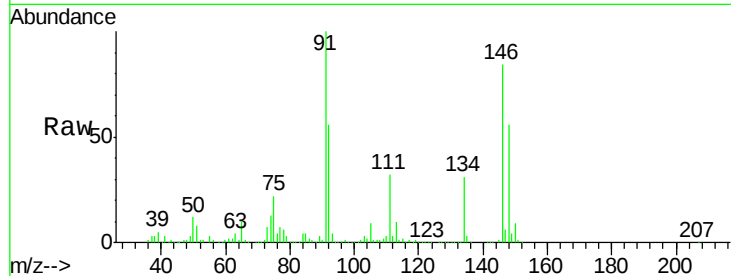
Tgt Ion:146 Resp: 600748

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

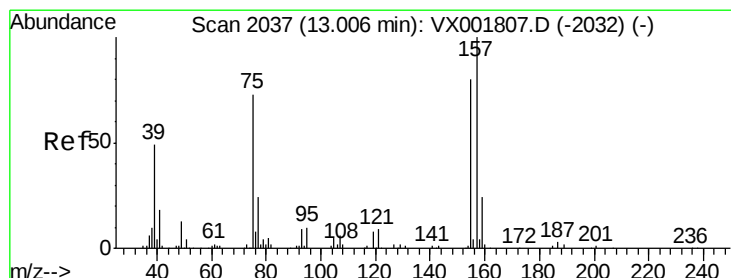
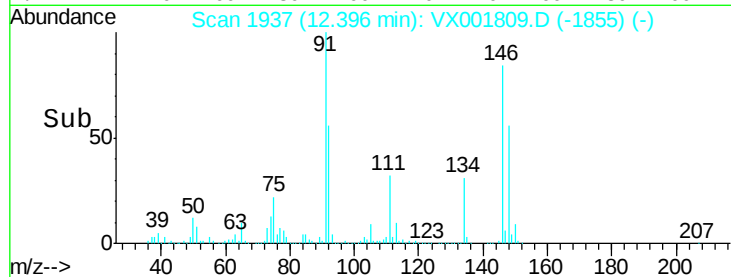
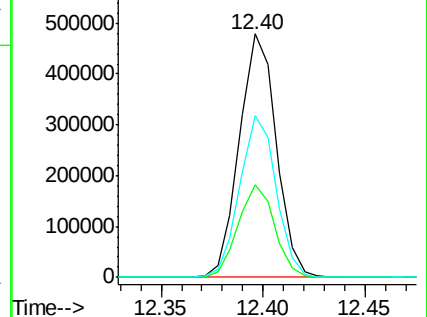
148 65.5 32.9 98.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 126.45 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

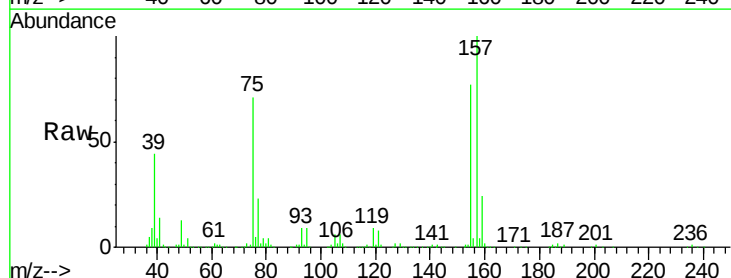
Tgt Ion: 75 Resp: 105994

Ion Ratio Lower Upper

75 100

155 112.1 88.5 132.7

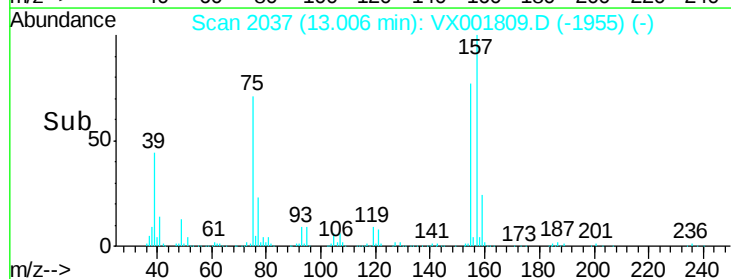
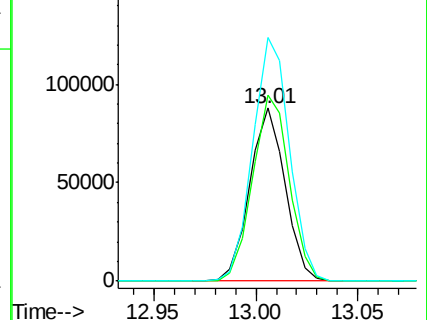
157 146.3 111.0 166.4

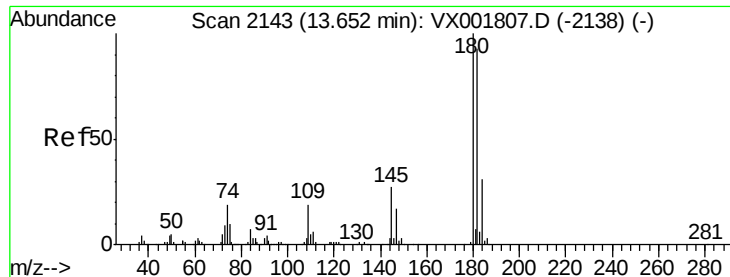


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

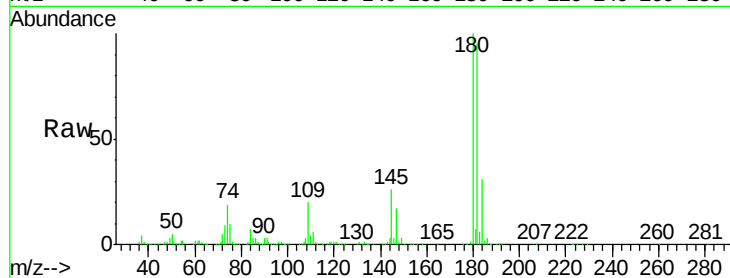




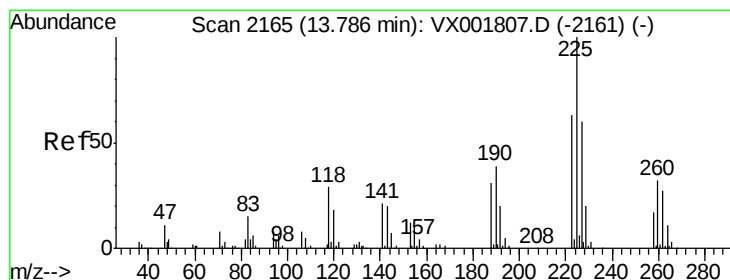
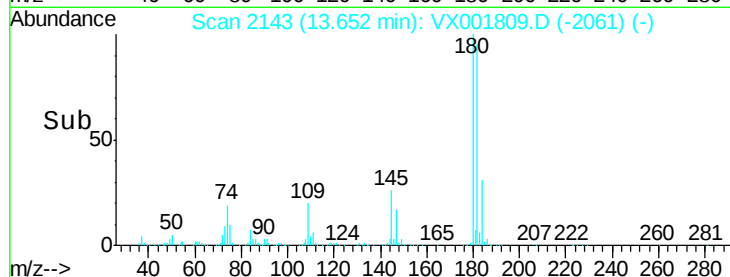
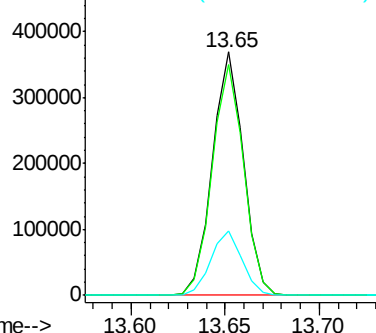
#89
 1,2,4-Trichlorobenzene
 Concen: 105.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 421422
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.6 113.4
 145 26.5 21.6 32.4

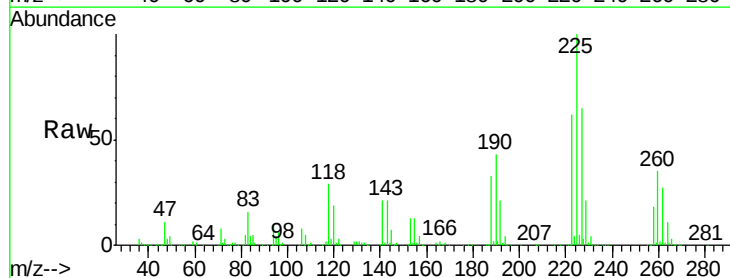


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

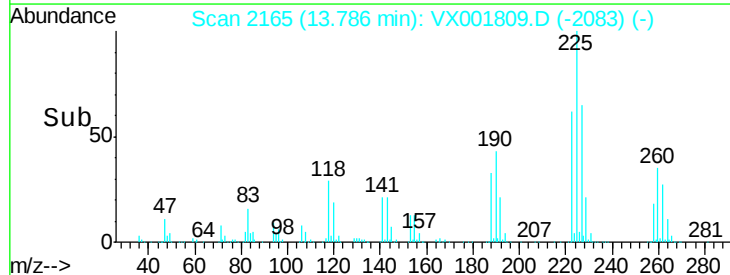
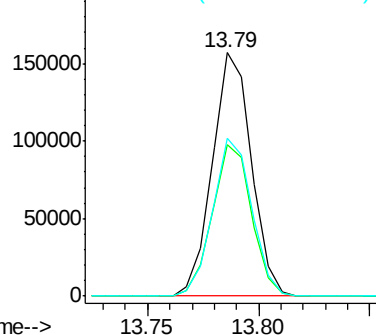


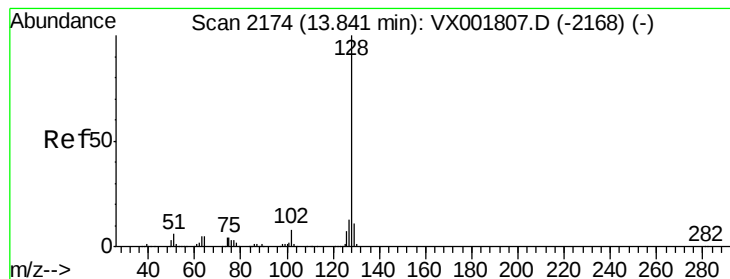
#90
 Hexachlorobutadiene
 Concen: 96.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001809.D
 Acq: 18 May 2018 05:34

Tgt Ion:225 Resp: 192934
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 123.6
 227 64.8 0.0 124.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 121.48 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

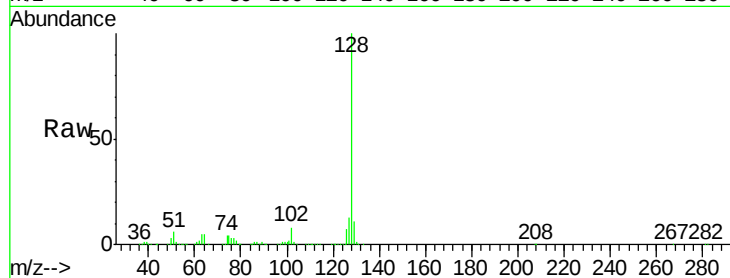
Tgt Ion:128 Resp: 1493678

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

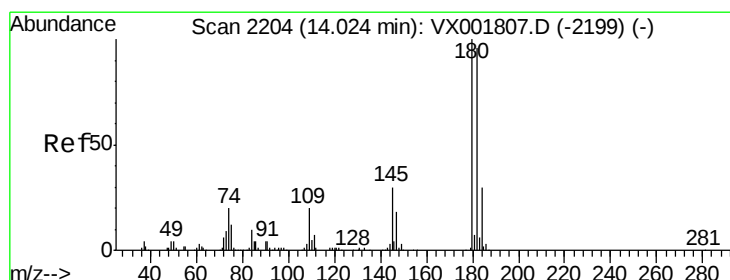
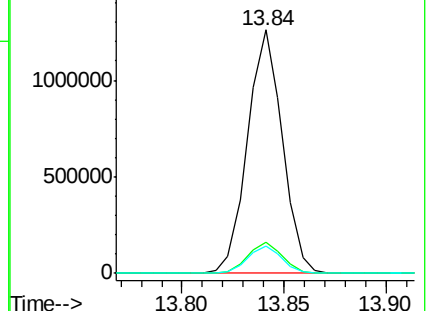
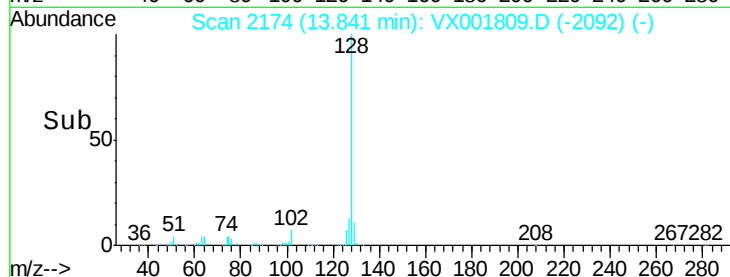
129 11.0 8.7 13.1



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: 106.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001809.D

Acq: 18 May 2018 05:34

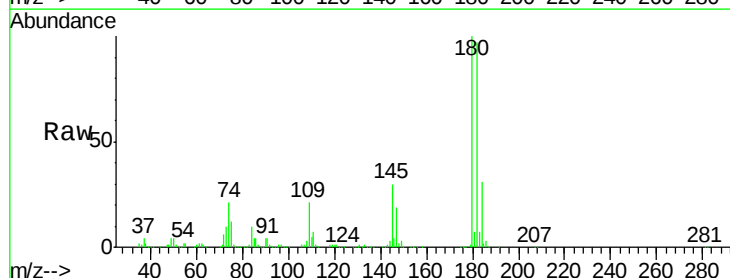
Tgt Ion:180 Resp: 453815

Ion Ratio Lower Upper

180 100

182 96.5 0.0 188.8

145 28.6 0.0 56.6



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

