

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001622.D
 Acq On : 11 May 2018 00:49
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: May 11 07:02:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	56995	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	302132	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	266250	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	124553	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	11.15	95	129124	29.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.07%
63) Toluene-d8	8.72	98	355738	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	293768	82.31	ug/l	99
3) Chloromethane	1.32	50	362789	106.06	ug/l	98
4) Vinyl Chloride	1.40	62	363389	101.15	ug/l	98
5) Bromomethane	1.64	94	157089	59.78	ug/l	98
6) Chloroethane	1.71	64	240055	106.76	ug/l	94
7) Trichlorofluoromethane	1.92	101	477200	81.74	ug/l	100
8) Diethyl Ether	2.19	74	238931	112.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	255565	76.83	ug/l	98
10) 1,1-Dichloroethene	2.37	96	293226	95.64	ug/l	98
11) Methyl Iodide	2.51	142	491519	126.68	ug/l	99
12) Methyl Acetate	2.78	43	533675	126.15	ug/l	100
13) Acrolein	2.30	56	378820	771.92	ug/l	100
14) Acrylonitrile	3.16	53	1061975	630.27	ug/l	100
15) Acetone	2.46	58	283234	559.17	ug/l	95
16) Carbon Disulfide	2.56	76	779991	97.21	ug/l	100
17) Allyl chloride	2.73	41	598310	108.99	ug/l	95
18) Methylene Chloride	2.85	84	356966	105.85	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	326430	98.92	ug/l	98
20) Diisopropyl ether	3.88	45	1179587	110.25	ug/l	99
21) 1,1-Dichloroethane	3.70	63	618398	106.89	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	384918	104.80	ug/l	96
23) tert-Butyl Alcohol	3.10	59	488847	696.27	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	1138972	107.50	ug/l	99
25) Chloroform	5.22	83	652002	103.89	ug/l	98
26) Cyclohexane	5.57	56	413635	81.06	ug/l	# 99
29) 1,1-Dichloropropene	5.80	75	420267	95.13	ug/l	99
30) 2-Butanone	4.72	43	1485955	627.46	ug/l	99
31) 2,2-Dichloropropane	4.59	77	369674	80.20	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	546152	101.44	ug/l	99
33) Carbon Tetrachloride	5.78	117	464155	95.57	ug/l	100
34) Benzene	6.15	78	1397838	105.89	ug/l	100
35) Methacrylonitrile	5.07	41	329699	125.86	ug/l	96
36) 1,2-Dichloroethane	6.21	62	543518	106.17	ug/l	100
37) Trichloroethene	7.22	130	400801	100.37	ug/l	99
38) Methylcyclohexane	7.46	83	425484	83.25	ug/l	97
39) 1,2-Dichloropropane	7.52	63	355177	106.16	ug/l	99
40) Dibromomethane	7.67	93	256958	108.74	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	498862	111.83	ug/l	98
42) Vinyl Acetate	3.83	43	5122481	571.61	ug/l	99
43) Ethyl Acetate	4.88	43	577490	126.17	ug/l	98
44) Isopropyl Acetate	6.48	43	919828	121.35	ug/l	98
45) 1,4-Dioxane	7.77	88	212020	2875.66	ug/l	97
46) Methyl methacrylate	7.79	41	492106	123.62	ug/l	97
47) n-amyl Acetate	10.91	43	816900	114.26	ug/l	97
48) t-1,3-Dichloropropene	8.44	75	579151	111.48	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	523515	106.88	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	376523	107.20	ug/l	97
51) Ethyl methacrylate	9.19	69	596250	119.30	ug/l	98
52) 1,3-Dichloropropane	9.38	76	619773	108.88	ug/l	99
53) Dibromochloromethane	9.59	129	424941	110.62	ug/l	99
54) 1,2-Dibromoethane	9.68	107	404254	107.18	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1585624	636.84	ug/l	99
56) Bromoform	10.87	173	377210	119.76	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	3052149	669.33	ug/l	98
59) 2-Hexanone	9.51	43	2273160	644.08	ug/l	98
61) Tetrachloroethene	9.34	164	414613	102.03	ug/l	98
62) Toluene	8.79	91	1489046	104.82	ug/l	99
64) Chlorobenzene	10.15	112	974285	101.87	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	391655	112.09	ug/l	100
66) Ethyl Benzene	10.26	91	1523863	97.29	ug/l	98
67) m/p-Xylenes	10.37	106	1221456	195.16	ug/l	98
68) o-Xylene	10.71	106	618304	102.35	ug/l	98
69) Styrene	10.72	104	1060628	105.46	ug/l	98
70) Isopropylbenzene	11.02	105	1512722	92.65	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	574131	117.20	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	686684	155.46	ug/l	89
73) Bromobenzene	11.26	156	490846	102.91	ug/l	99
74) n-propylbenzene	11.37	91	1675750	91.09	ug/l	99
75) 2-Chlorotoluene	11.43	91	1066719	95.37	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	1293975	93.02	ug/l	99
77) t-1,4-Dichloro-2-butene	11.09	75	168847	129.75	ug/l	82
78) 4-Chlorotoluene	11.52	91	1231122	93.22	ug/l	100
79) tert-butylbenzene	12.07	119	1383893	93.10	ug/l	99
80) 1,2,4-Trimethylbenzene	11.82	105	1350725	95.64	ug/l	99
81) sec-Butylbenzene	11.95	105	1472771	91.31	ug/l	100
82) p-Isopropyltoluene	12.07	119	1383893	93.10	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	847390	98.11	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	859596	98.03	ug/l	99
85) n-Butylbenzene	12.40	91	1129392	89.05	ug/l	98
86) Hexachloroethane	12.60	117	234772	102.63	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	890642	103.04	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	141650	135.56	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	663907	102.96	ug/l	100
90) Hexachlorobutadiene	13.79	225	303578	98.11	ug/l	98
91) Naphthalene	13.84	128	2100432	122.34	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	695860	107.66	ug/l	99

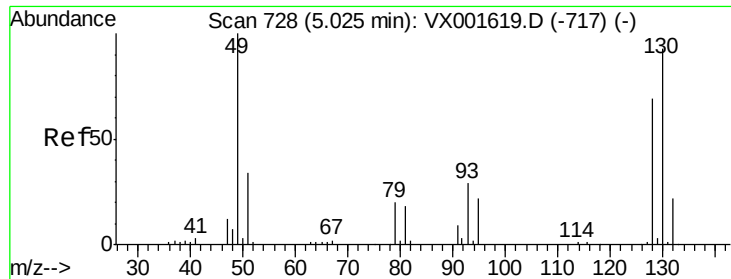
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
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Quant Time: May 11 07:02:33 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 06:59:10 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

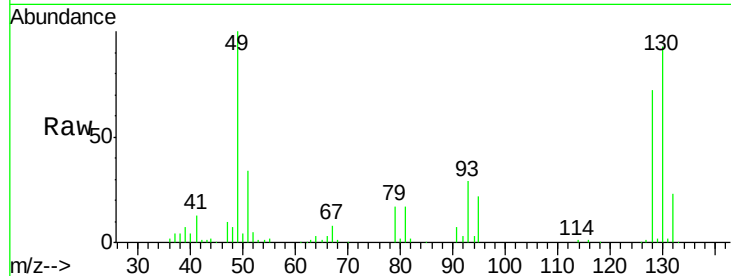
Tgt Ion:128 Resp: 56995

Ion Ratio Lower Upper

128 100

49 147.6 0.0 372.0

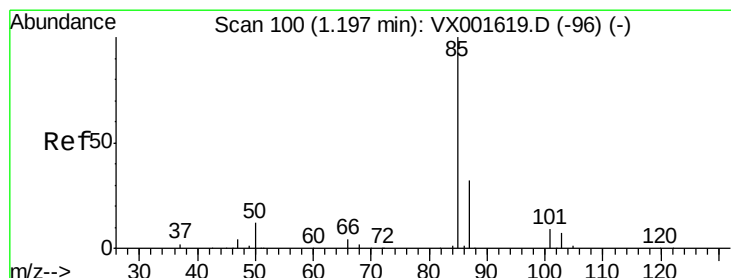
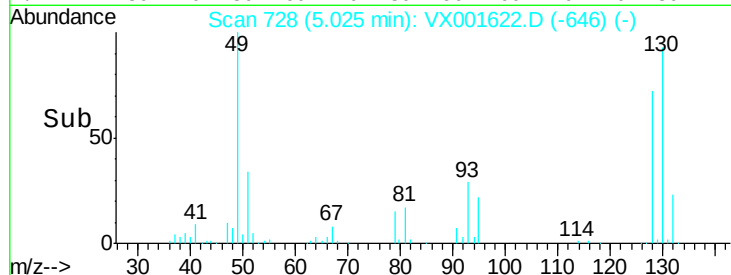
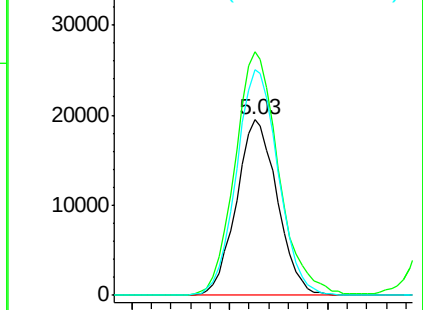
130 130.9 0.0 326.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 82.31 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001622.D

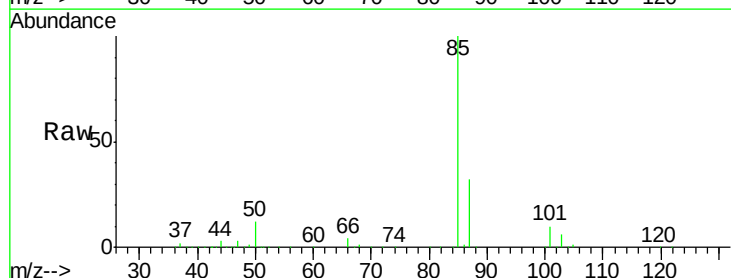
Acq: 11 May 2018 00:49

Tgt Ion: 85 Resp: 293768

Ion Ratio Lower Upper

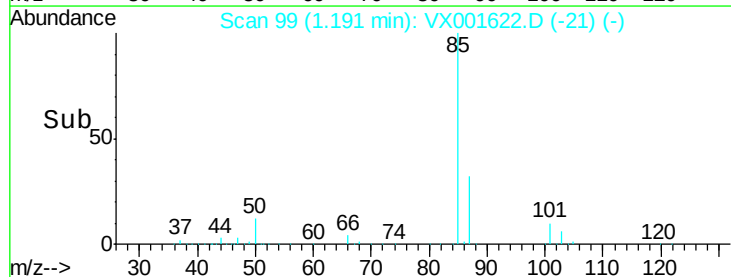
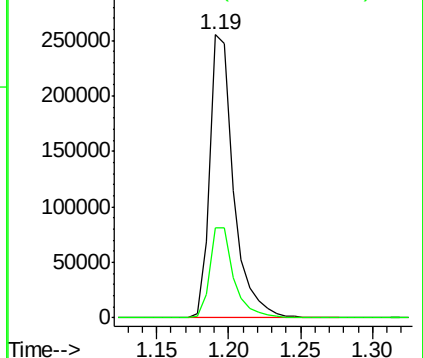
85 100

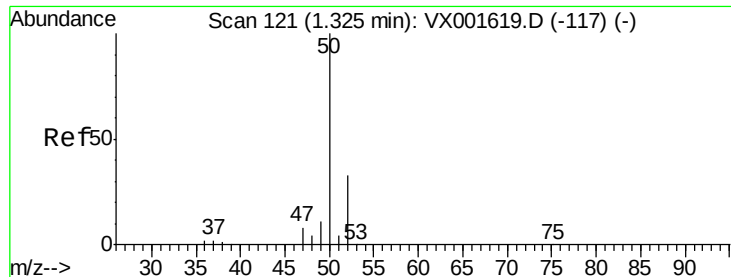
87 32.0 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 106.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

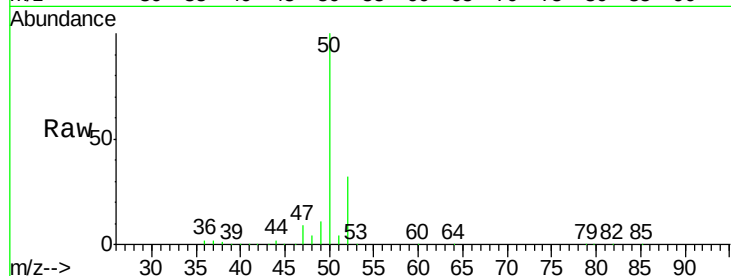
VSTDIC150

Tgt Ion: 50 Resp: 362789

Ion Ratio Lower Upper

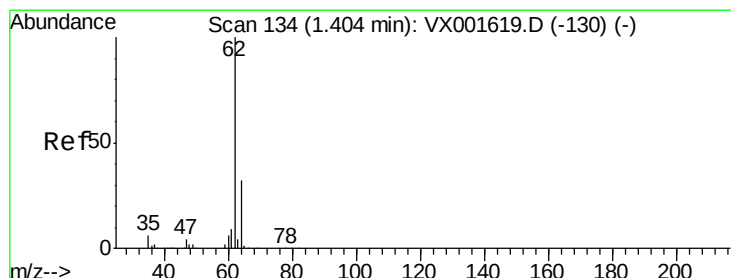
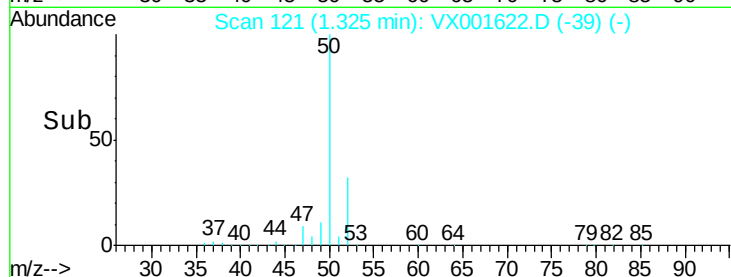
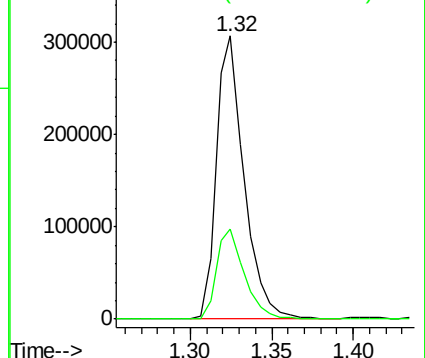
50 100

52 32.0 26.4 39.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 101.15 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001622.D

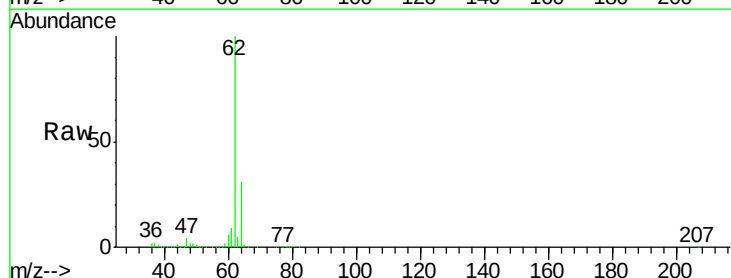
Acq: 11 May 2018 00:49

Tgt Ion: 62 Resp: 363389

Ion Ratio Lower Upper

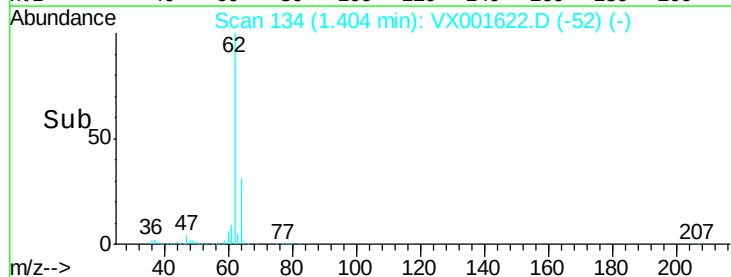
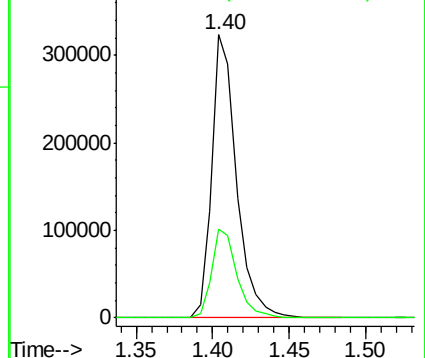
62 100

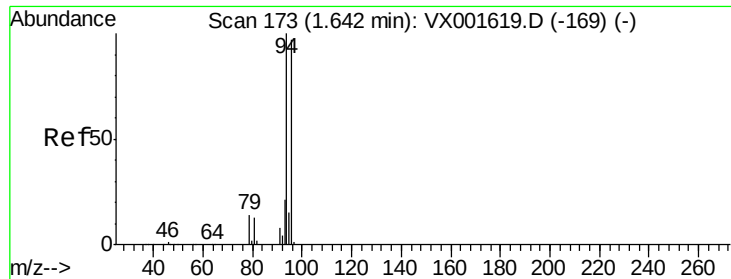
64 31.5 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 59.78 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

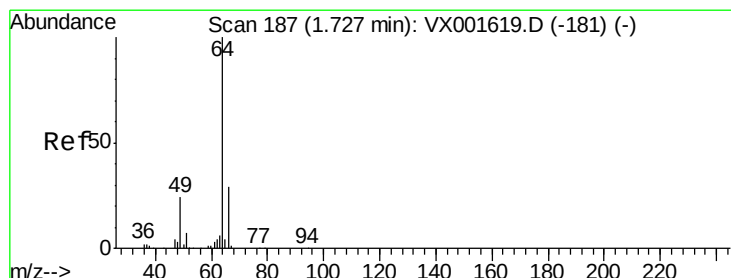
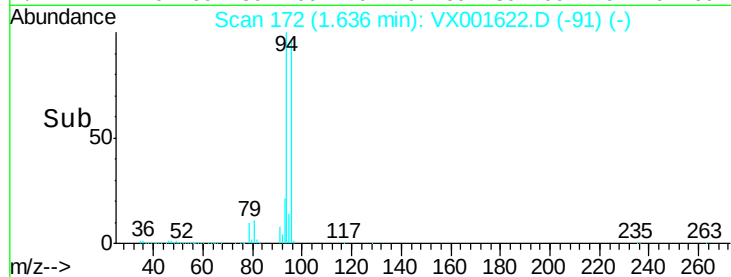
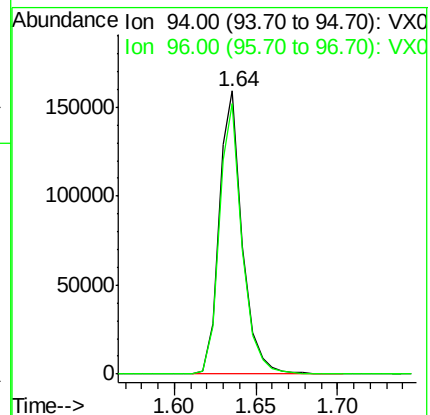
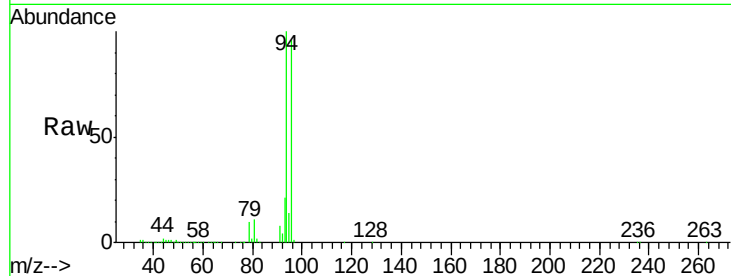
VSTDIC150

Tgt Ion: 94 Resp: 157089

Ion Ratio Lower Upper

94 100

96 95.8 77.8 116.8



#6

Chloroethane

Concen: 106.76 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX001622.D

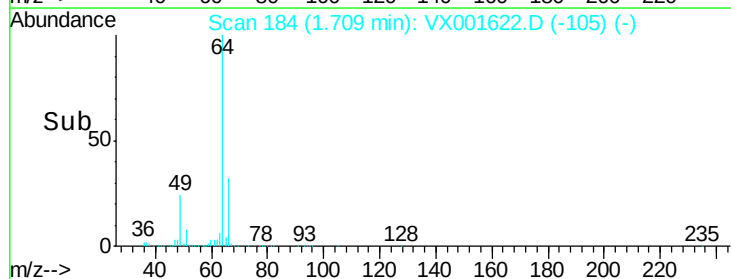
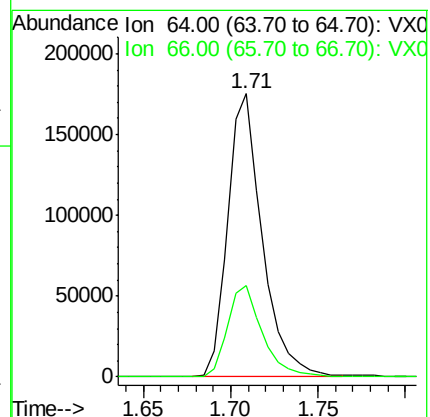
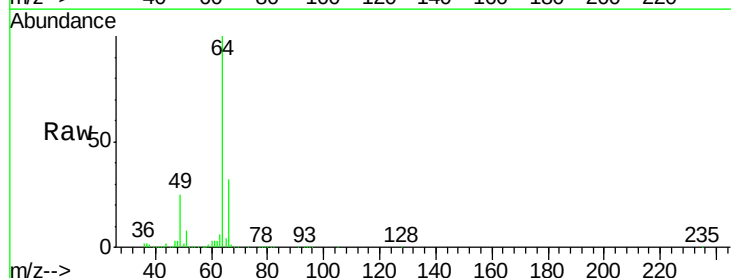
Acq: 11 May 2018 00:49

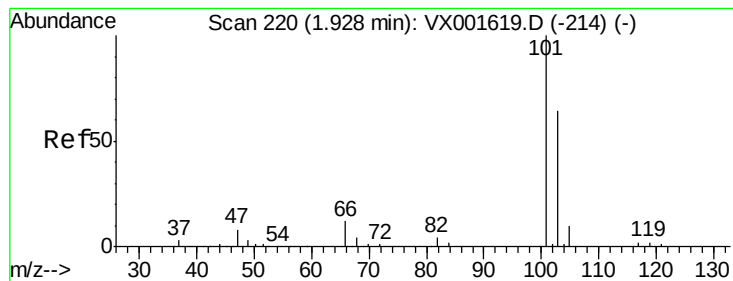
Tgt Ion: 64 Resp: 240055

Ion Ratio Lower Upper

64 100

66 32.3 23.4 35.2



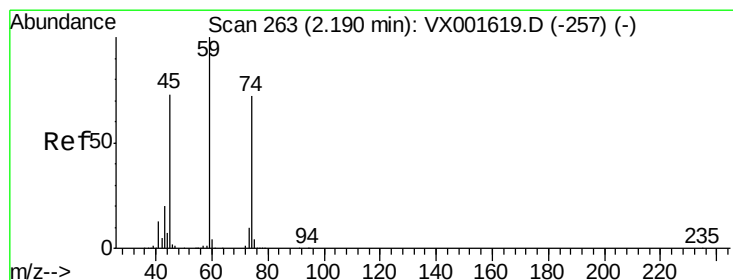
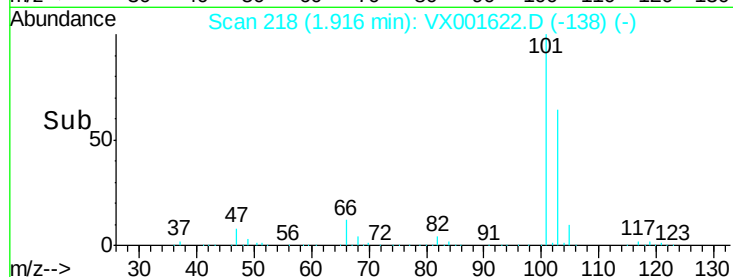
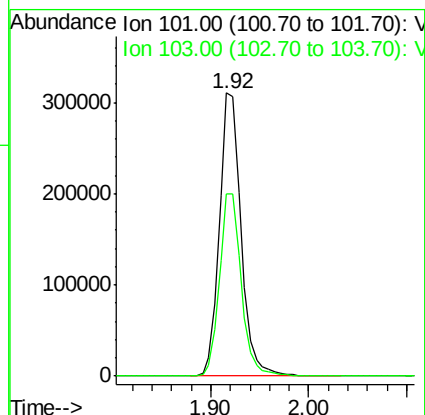
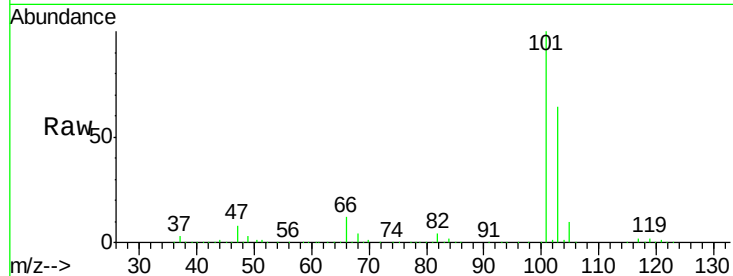


#7

Trichlorofluoromethane
 Concen: 81.74 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

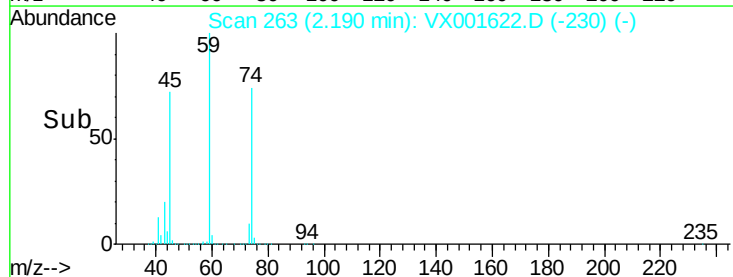
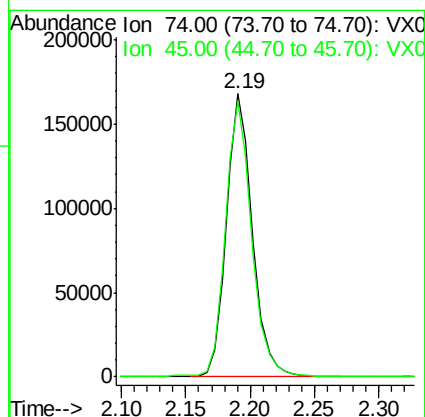
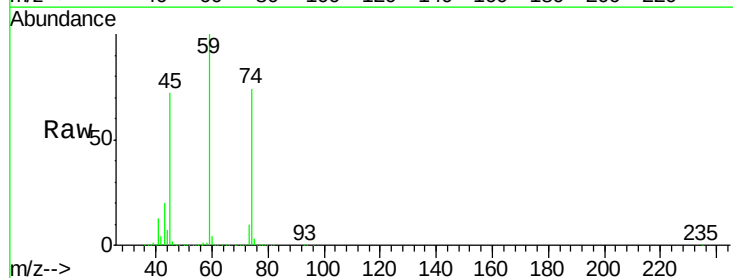
Tgt Ion: 101 Resp: 477200
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

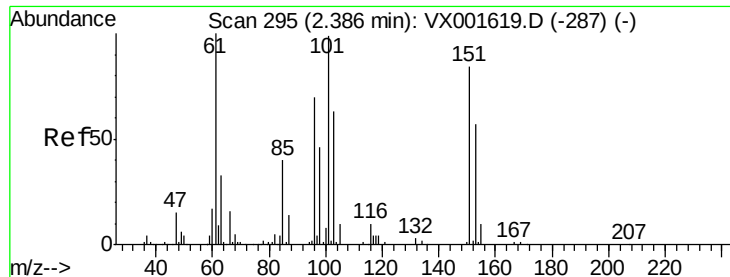


#8

Diethyl Ether
 Concen: 112.98 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 74 Resp: 238931
 Ion Ratio Lower Upper
 74 100
 45 97.4 19.4 174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 76.83 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

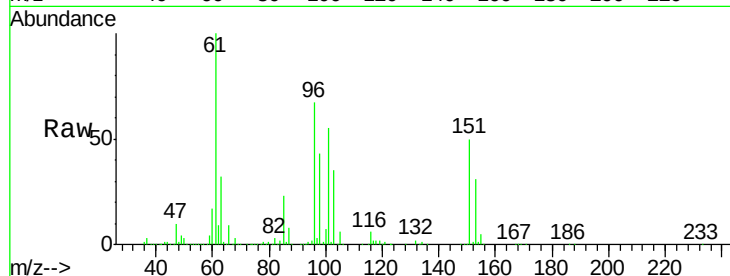
Tgt Ion: 101 Resp: 255565

Ion Ratio Lower Upper

101 100

85 42.0 0.0 84.0

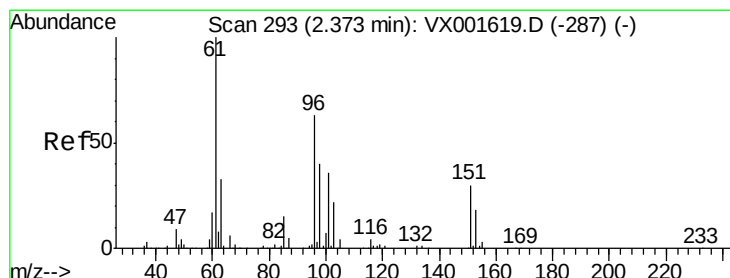
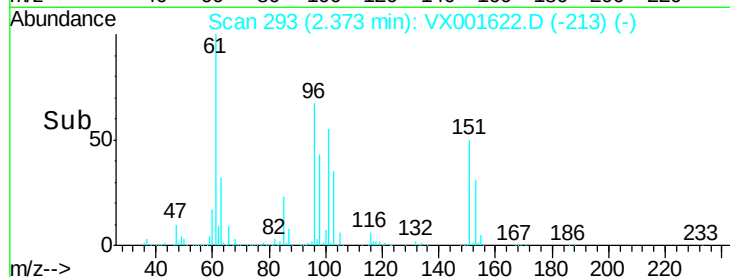
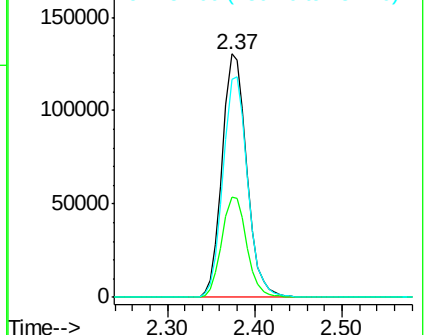
151 90.7 0.0 176.4



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: 95.64 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

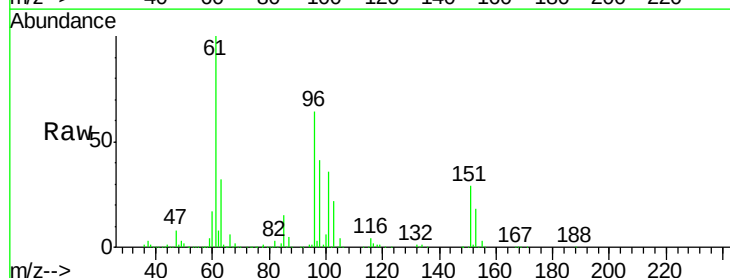
Tgt Ion: 96 Resp: 293226

Ion Ratio Lower Upper

96 100

61 155.3 126.5 189.7

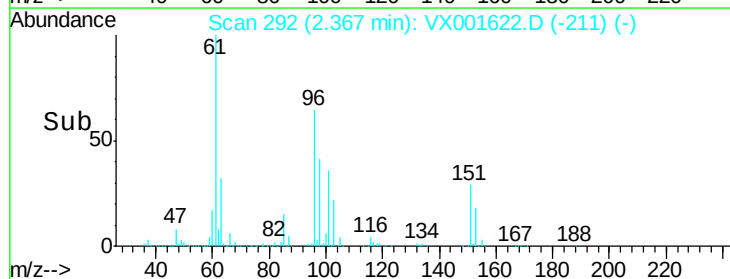
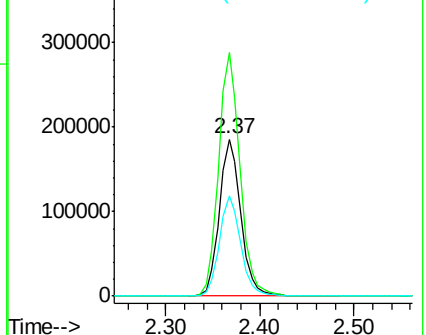
98 64.2 50.6 75.8

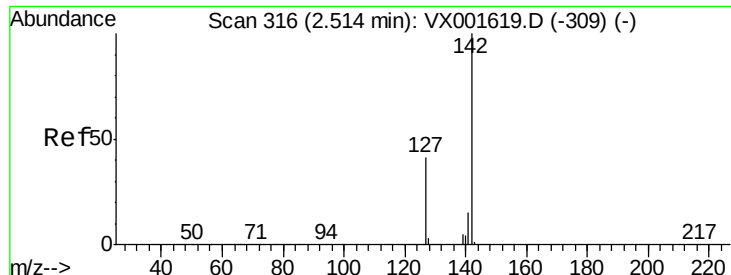


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

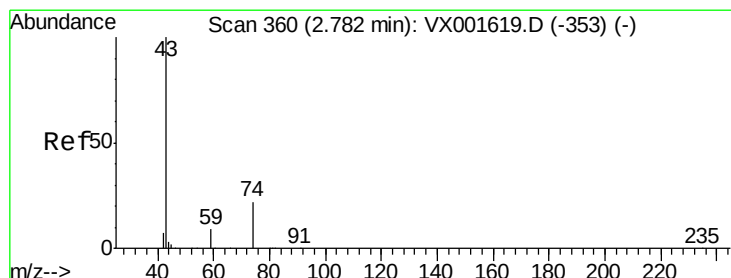
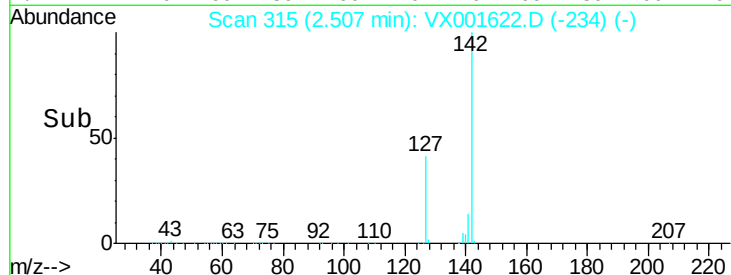
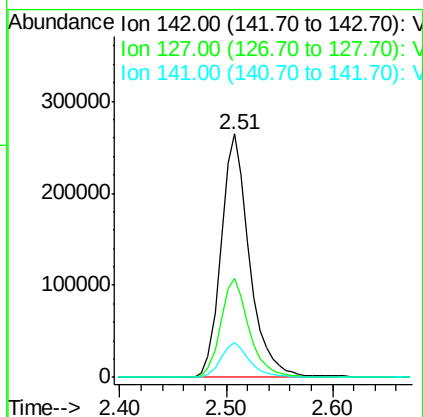
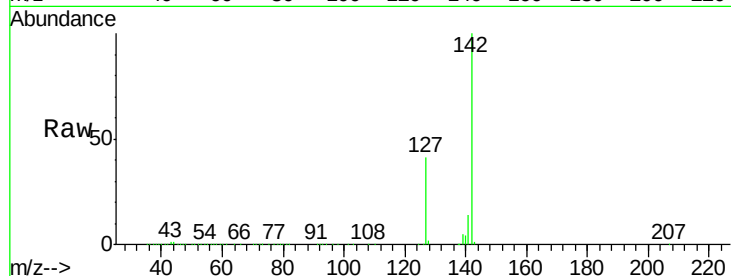




#11
Methyl Iodide
Concen: 126.68 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

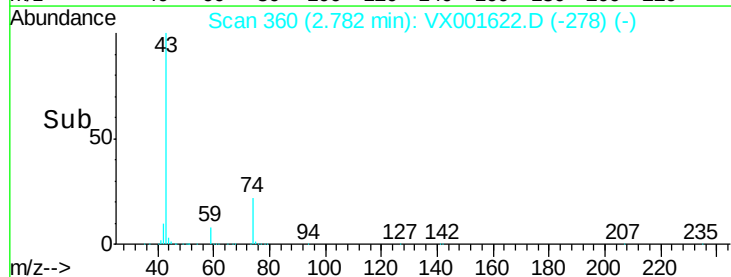
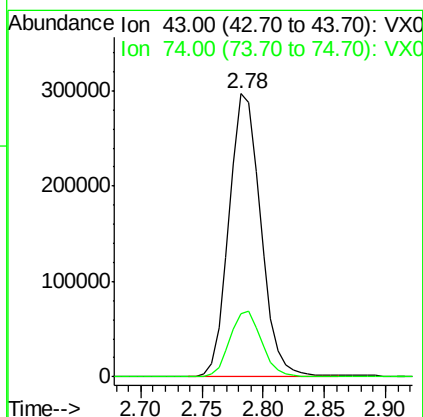
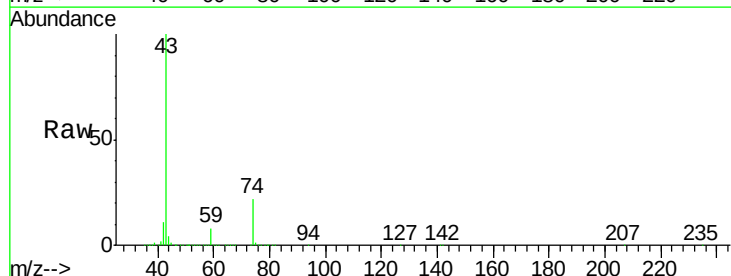
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

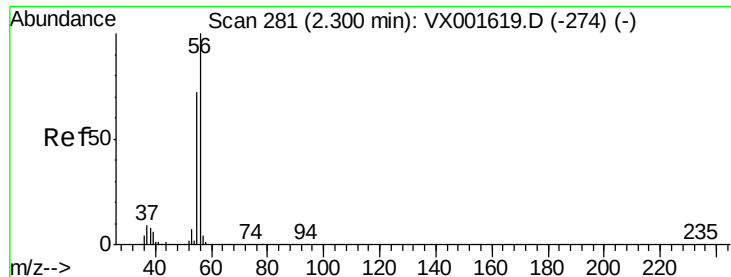
Tgt Ion:142 Resp: 491519
Ion Ratio Lower Upper
142 100
127 40.6 20.7 62.1
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 126.15 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion: 43 Resp: 533675
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





#13

Acrolein

Concen: 771.92 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampled :

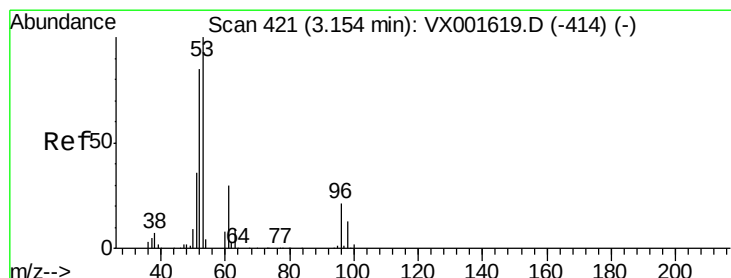
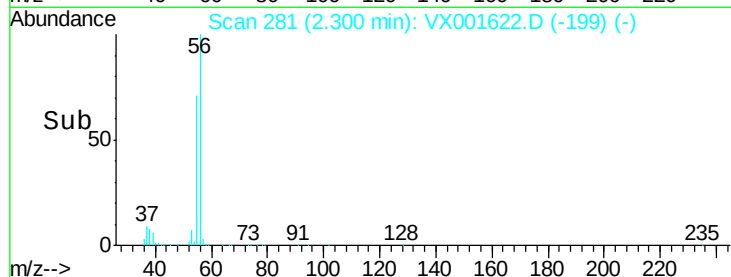
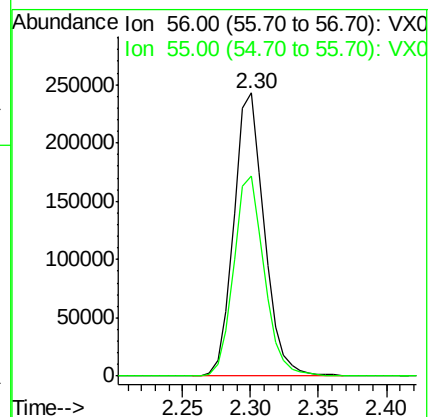
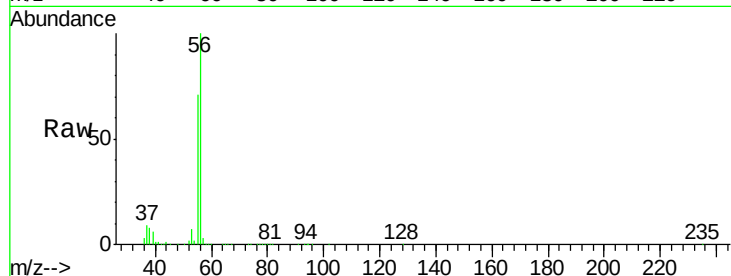
VSTDIC150

Tgt Ion: 56 Resp: 378820

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Acrylonitrile

Concen: 630.27 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

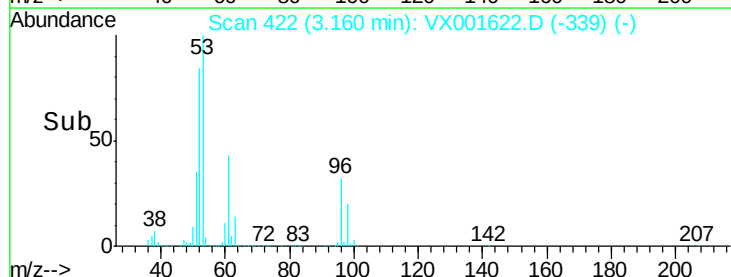
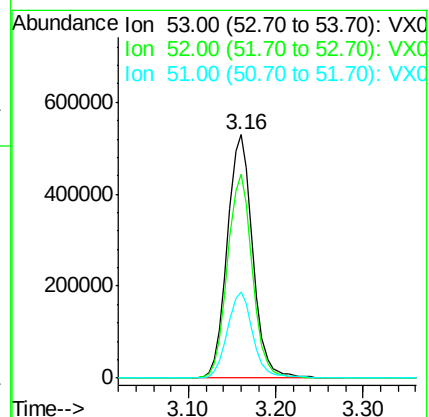
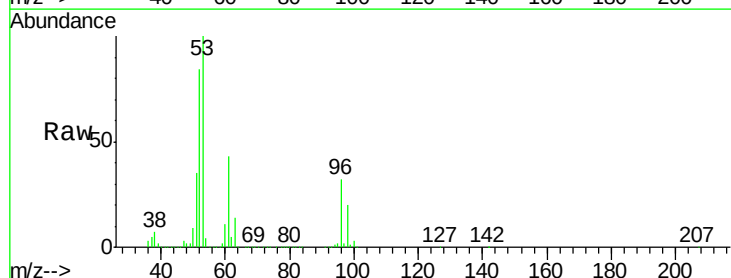
Tgt Ion: 53 Resp: 1061975

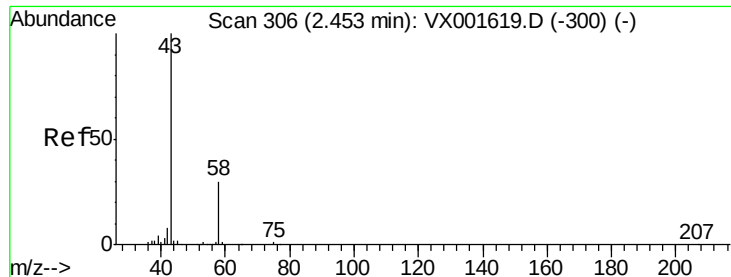
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.9

51 35.9 18.1 54.3





#15

Acetone

Concen: 559.17 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

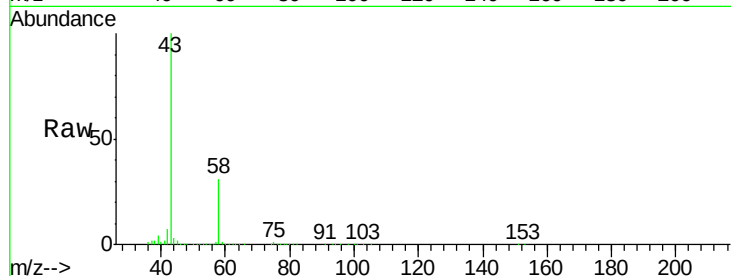
VSTDIC150

Tgt Ion: 58 Resp: 283234

Ion Ratio Lower Upper

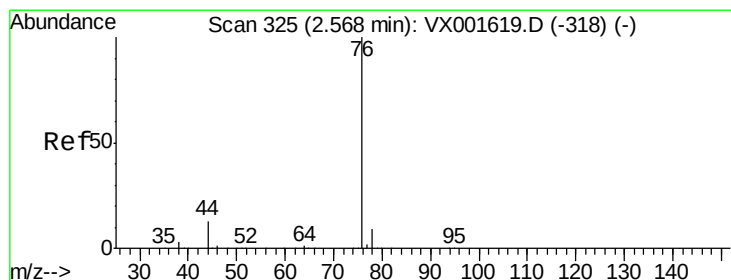
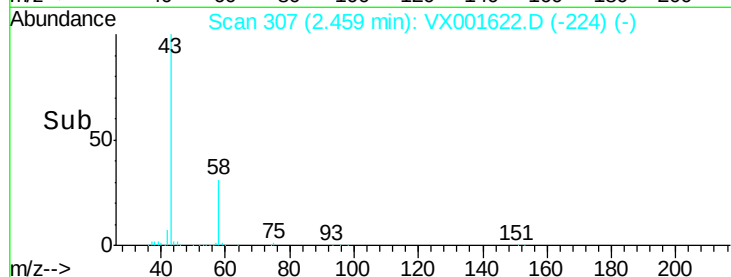
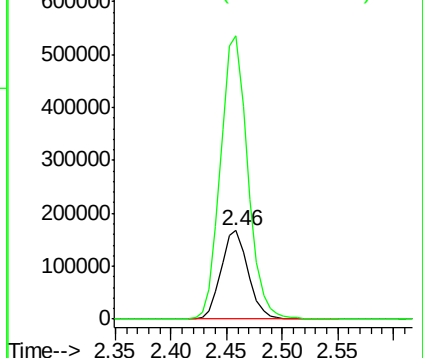
58 100

43 318.9 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 97.21 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001622.D

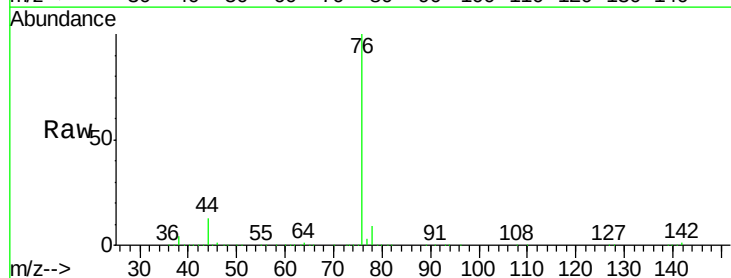
Acq: 11 May 2018 00:49

Tgt Ion: 76 Resp: 779991

Ion Ratio Lower Upper

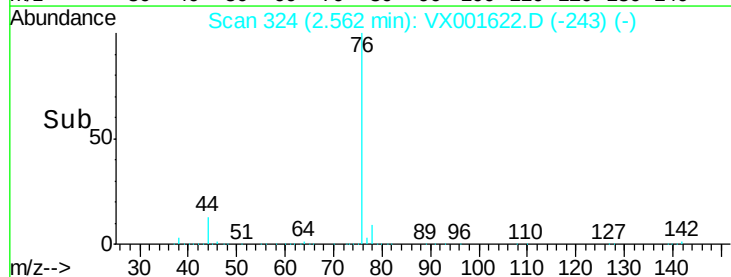
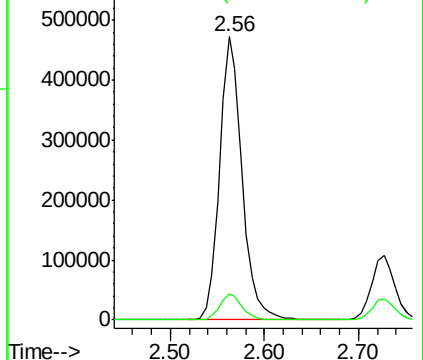
76 100

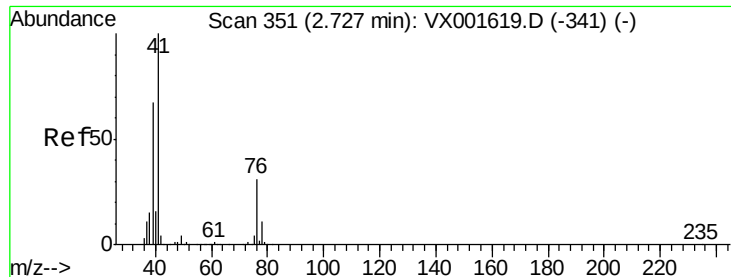
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

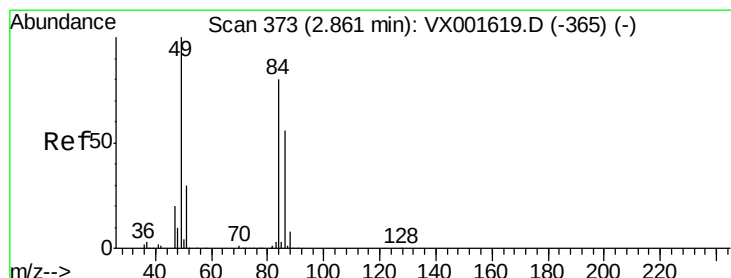
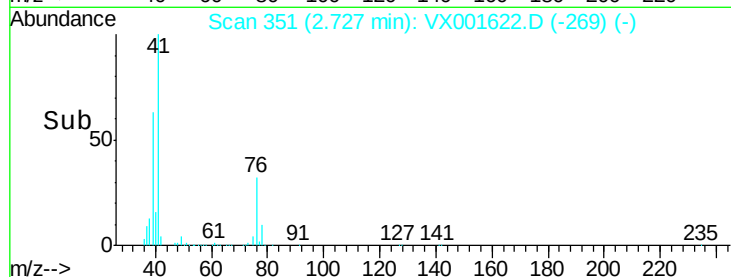
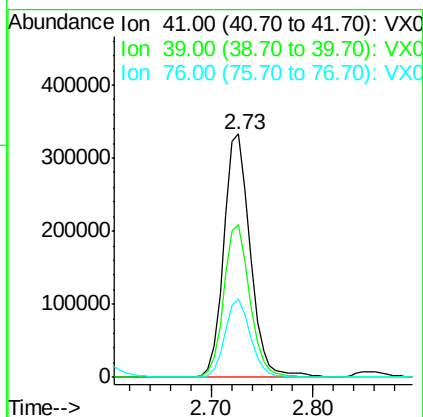
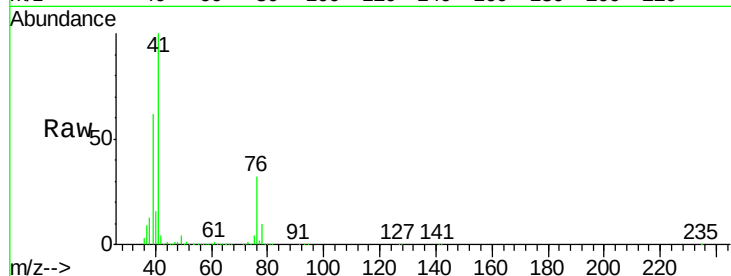




#17
 Allyl chloride
 Concen: 108.99 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

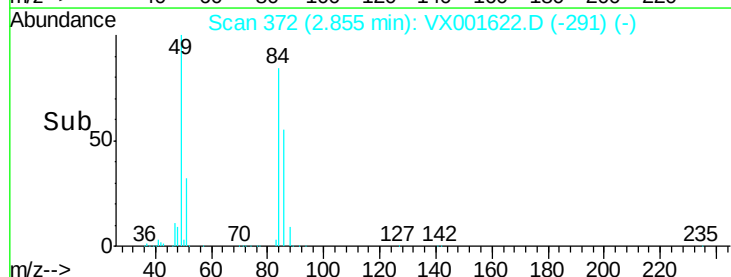
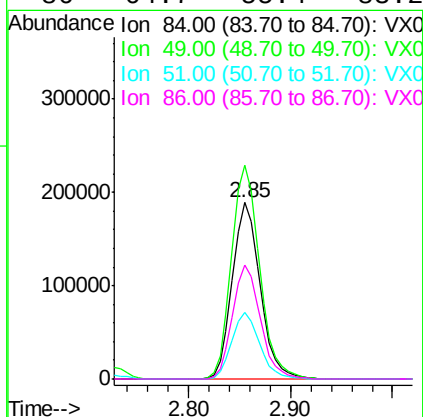
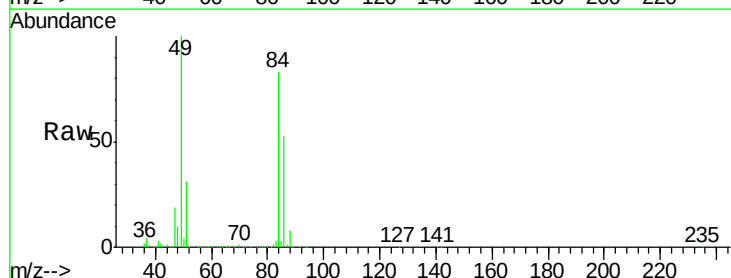
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

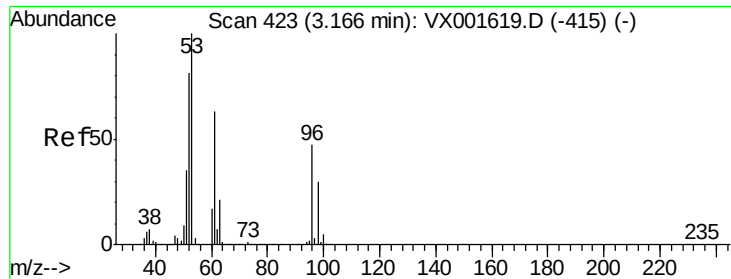
Tgt Ion: 41 Resp: 598310
 Ion Ratio Lower Upper
 41 100
 39 62.4 33.7 101.1
 76 32.4 15.4 46.4



#18
 Methylene Chloride
 Concen: 105.85 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 84 Resp: 356966
 Ion Ratio Lower Upper
 84 100
 49 121.1 99.5 149.3
 51 37.5 30.1 45.1
 86 64.7 55.4 83.2





#19

trans-1,2-Dichloroethene

Concen: 98.92 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

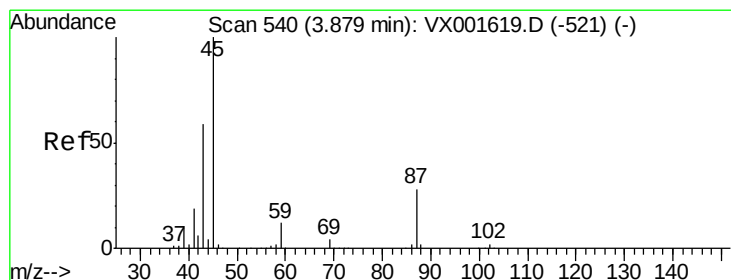
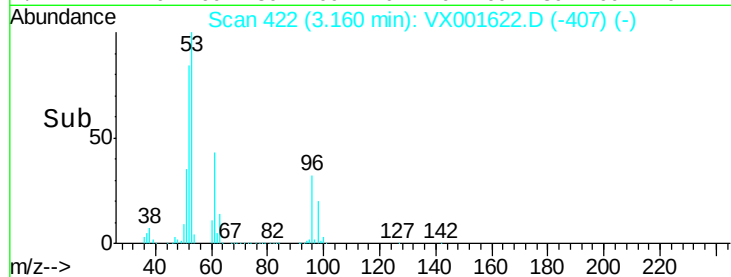
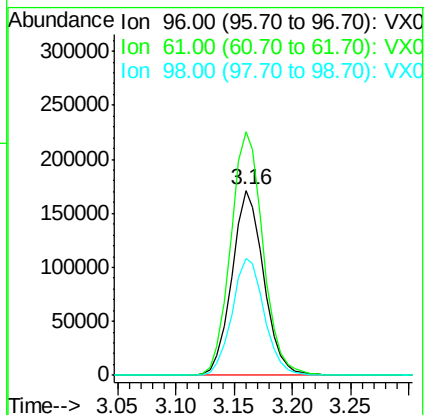
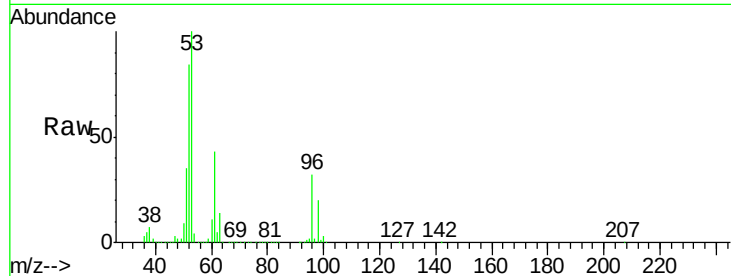
Tgt Ion: 96 Resp: 326430

Ion Ratio Lower Upper

96 100

61 131.5 107.7 161.5

98 63.2 51.6 77.4



#20

Diisopropyl ether

Concen: 110.25 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Tgt Ion: 45 Resp: 1179587

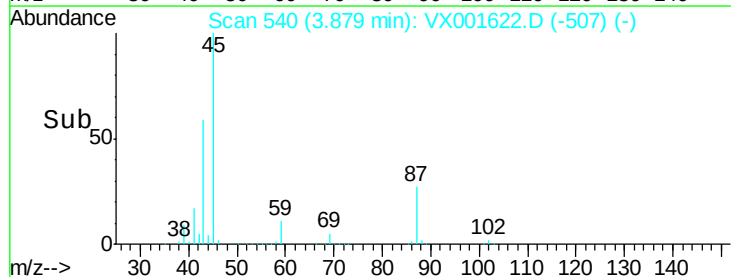
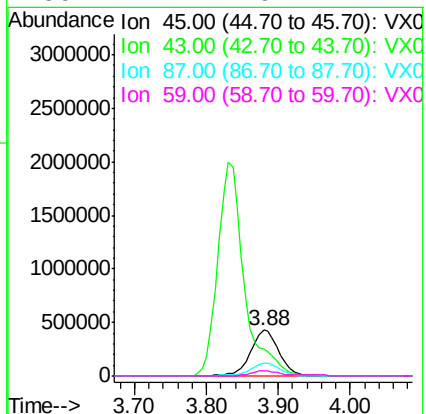
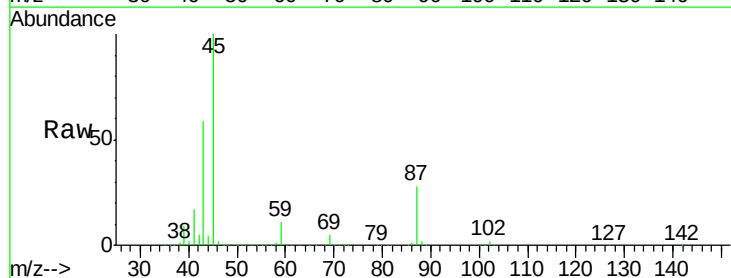
Ion Ratio Lower Upper

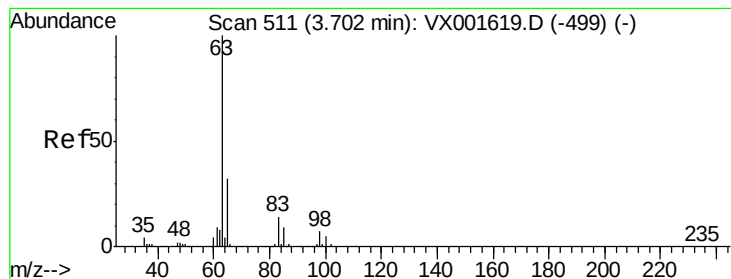
45 100

43 58.3 47.5 71.3

87 27.7 22.2 33.4

59 11.4 9.4 14.2





#21

1,1-Dichloroethane

Concen: 106.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

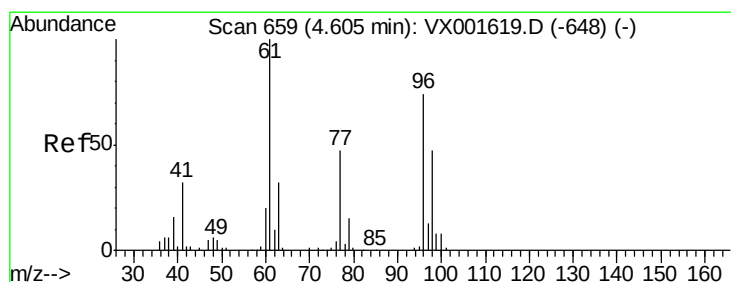
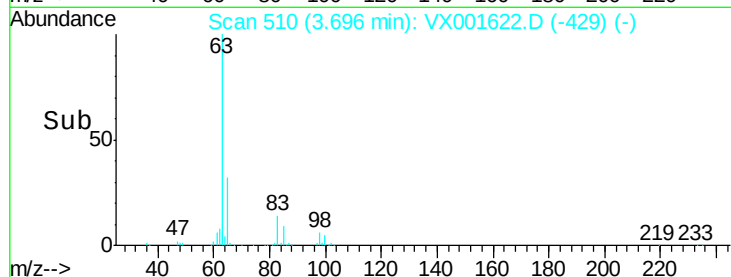
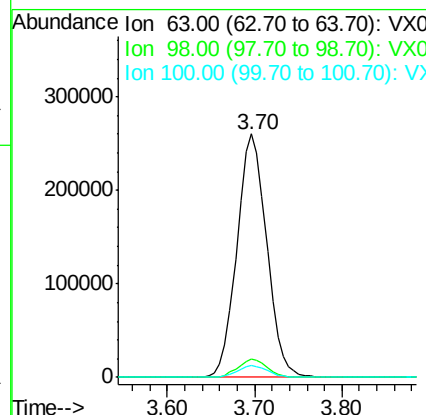
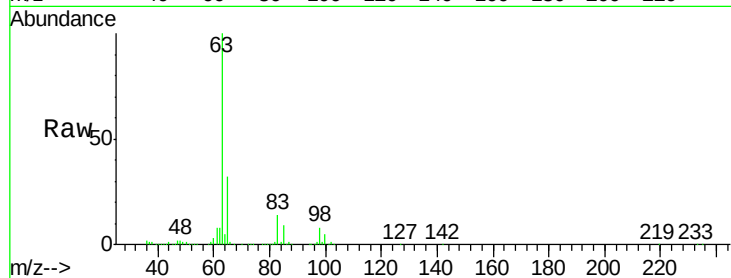
Tgt Ion: 63 Resp: 618398

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.7 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 104.80 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

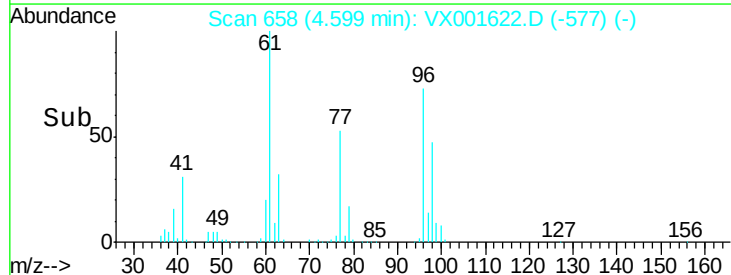
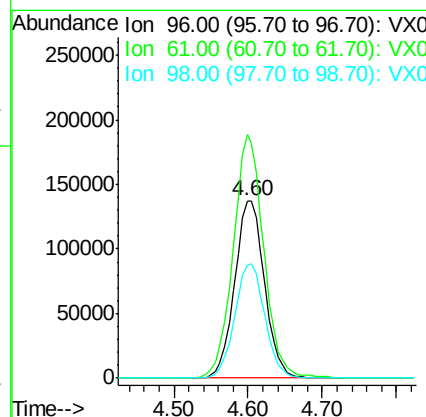
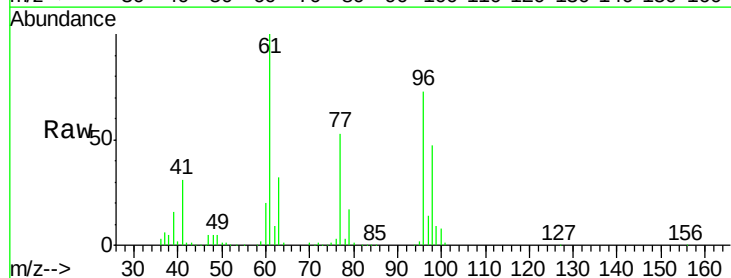
Tgt Ion: 96 Resp: 384918

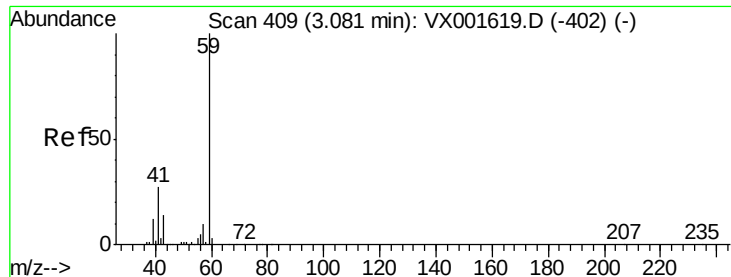
Ion Ratio Lower Upper

96 100

61 140.2 117.3 175.9

98 64.9 51.2 76.8





#23

tert-Butyl Alcohol

Concen: 696.27 ug/l

RT: 3.10 min Scan# 413

Delta R.T. 0.02 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

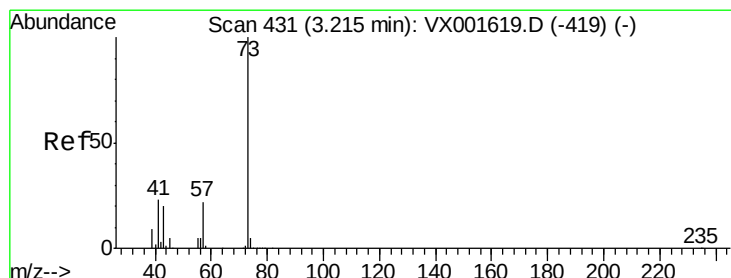
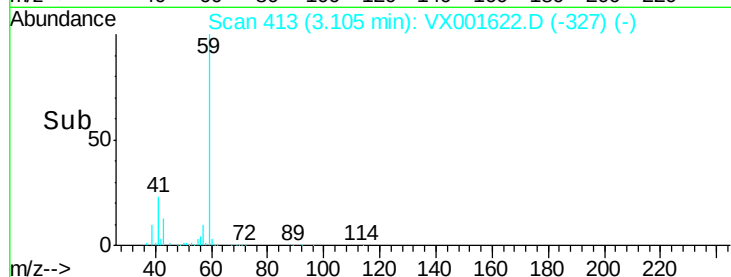
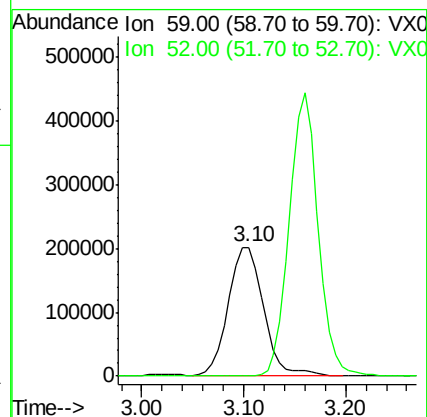
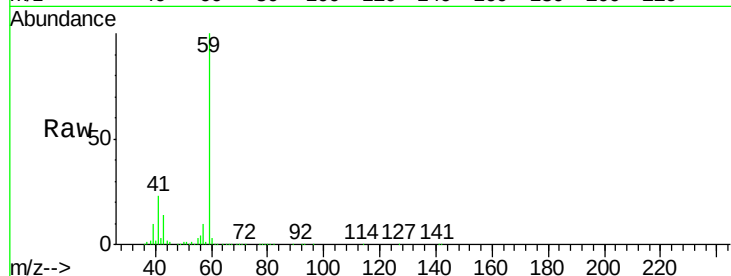
VSTDIC150

Tgt Ion: 59 Resp: 488847

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 107.50 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001622.D

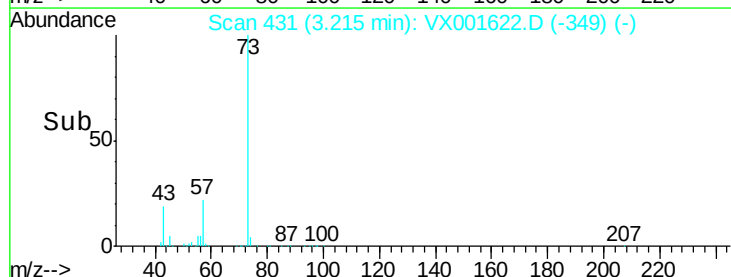
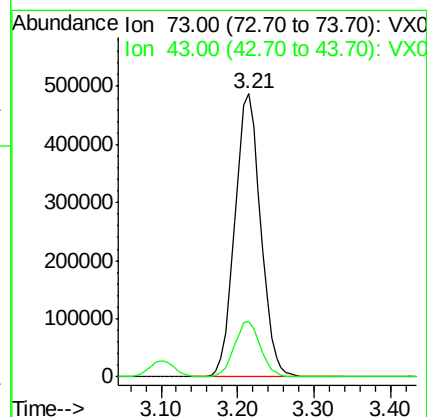
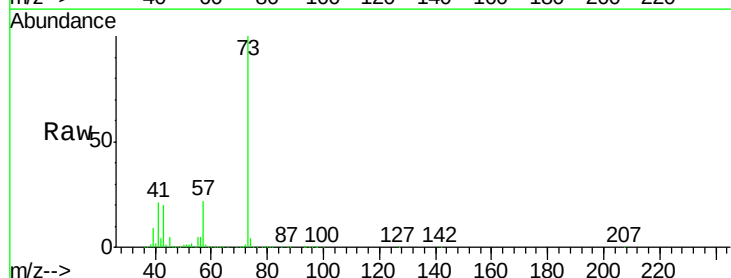
Acq: 11 May 2018 00:49

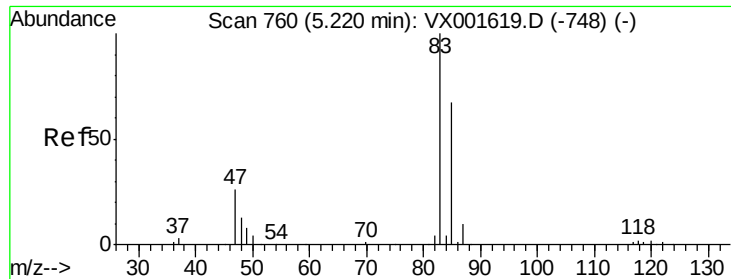
Tgt Ion: 73 Resp: 1138972

Ion Ratio Lower Upper

73 100

43 19.7 16.3 24.5





#25

Chloroform

Concen: 103.89 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

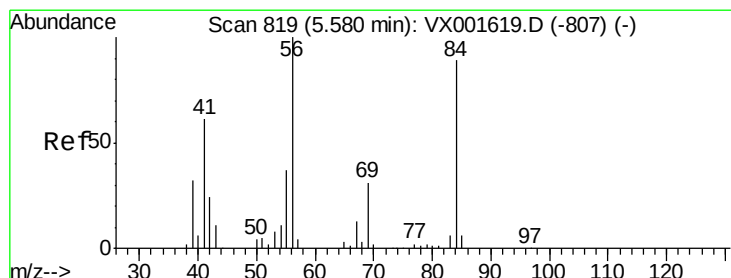
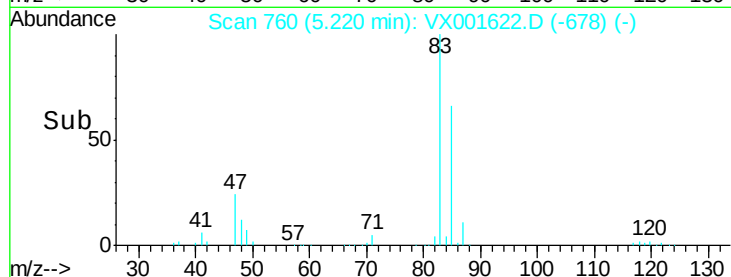
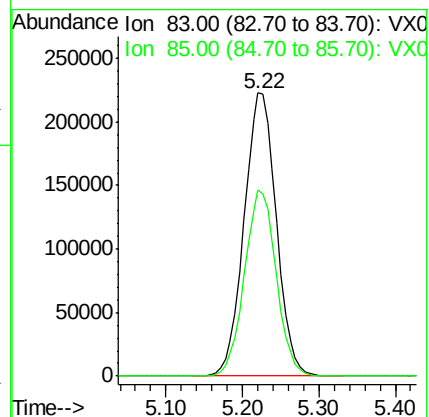
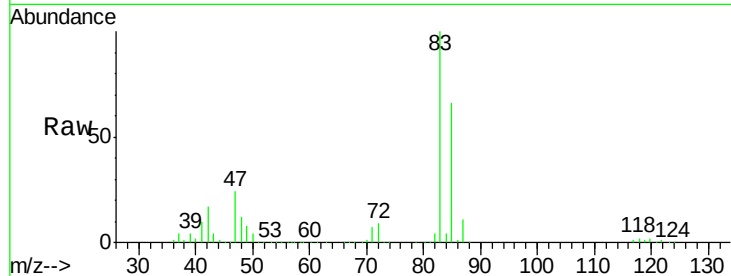
VSTDIC150

Tgt Ion: 83 Resp: 652002

Ion Ratio Lower Upper

83 100

85 65.7 53.9 80.9



#26

Cyclohexane

Concen: 81.06 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

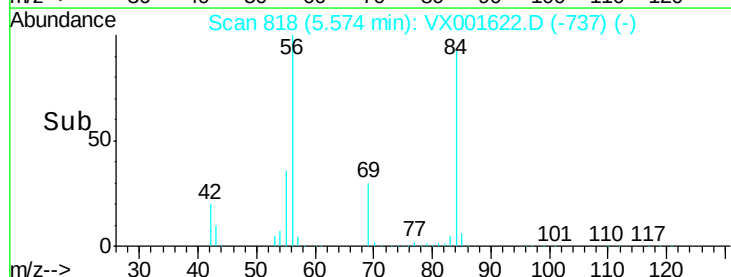
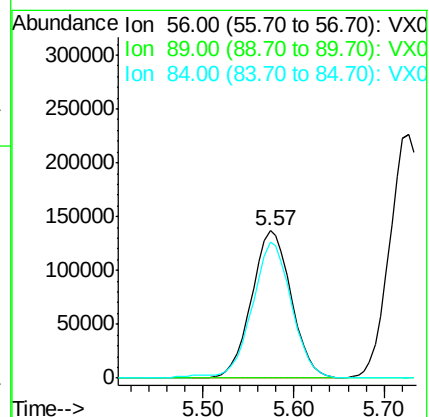
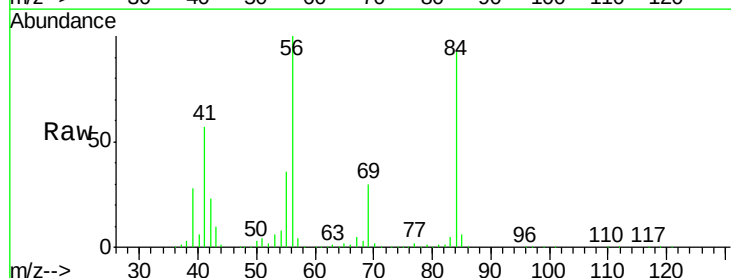
Tgt Ion: 56 Resp: 413635

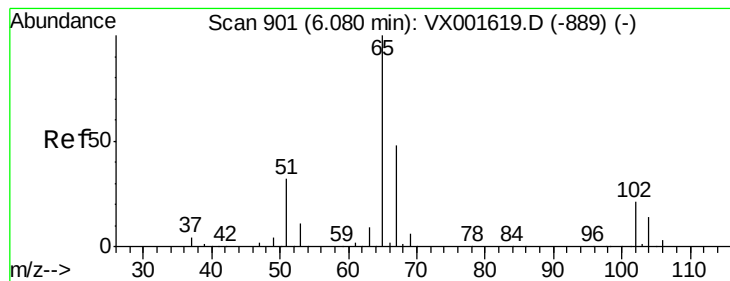
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.1 72.2 108.4





#27

1,2-Dichloroethane-d4

Concen: 30.18 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

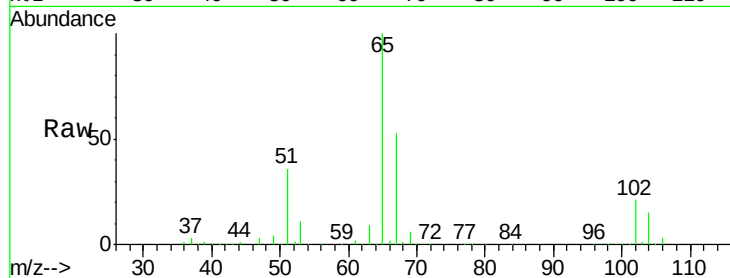
VSTDIC150

Tgt Ion: 65 Resp: 124553

Ion Ratio Lower Upper

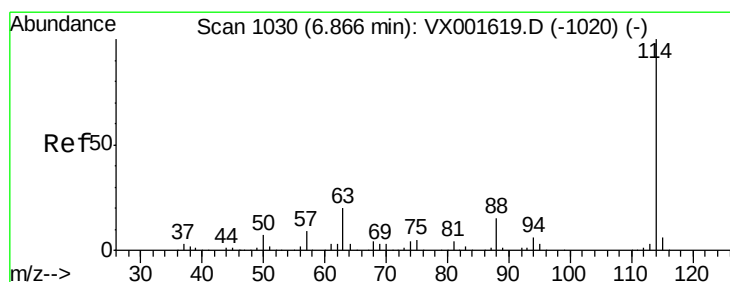
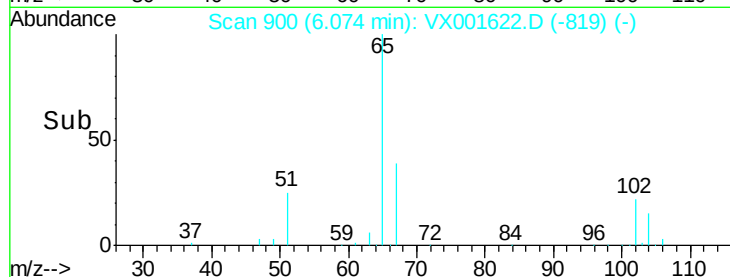
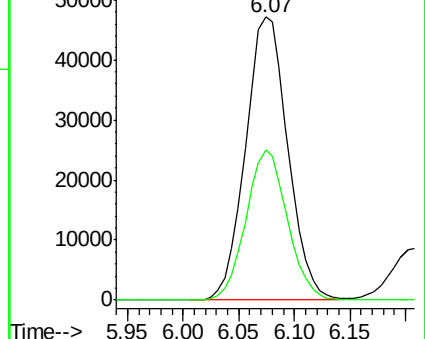
65 100

67 51.8 40.2 60.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

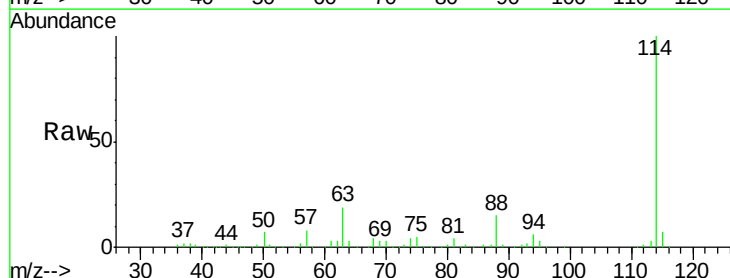
Tgt Ion: 114 Resp: 302132

Ion Ratio Lower Upper

114 100

63 19.3 15.5 23.3

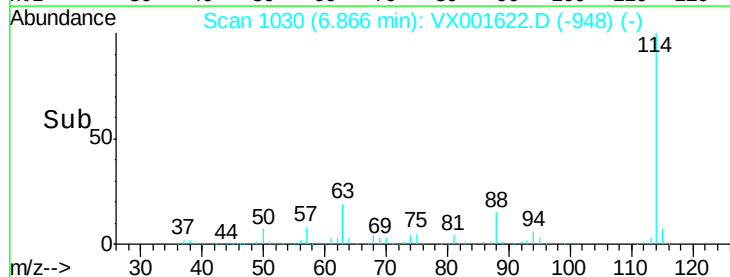
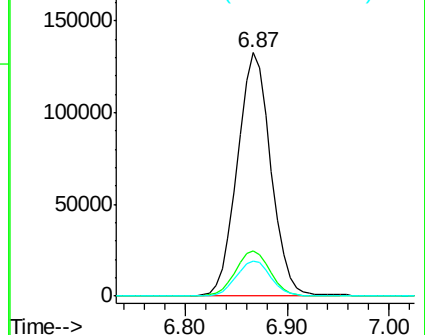
88 14.9 12.2 18.4

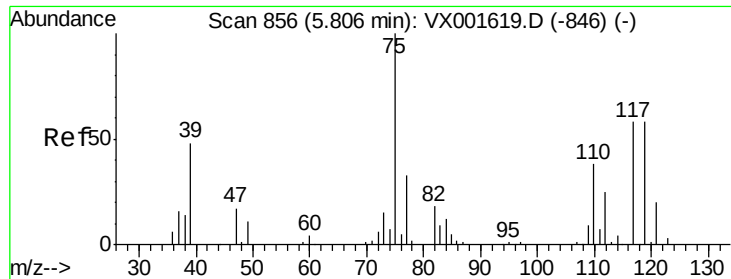


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

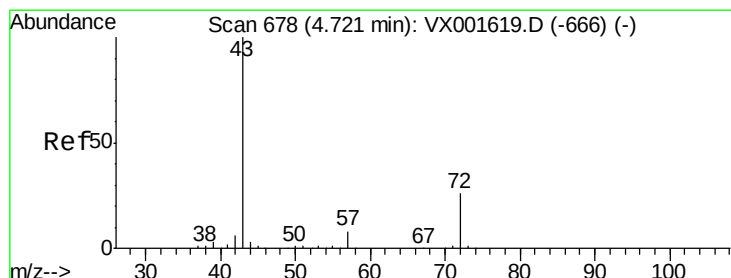
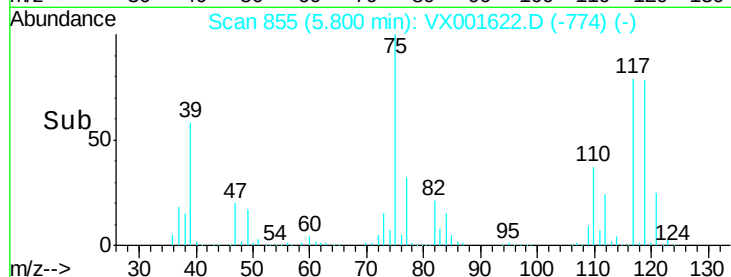
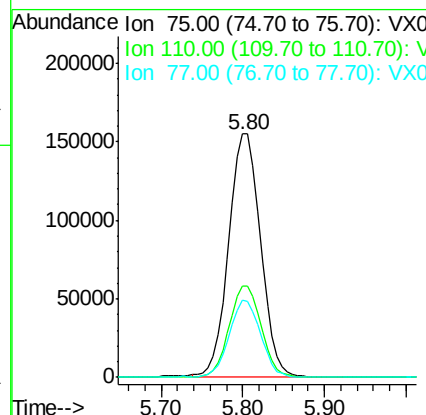
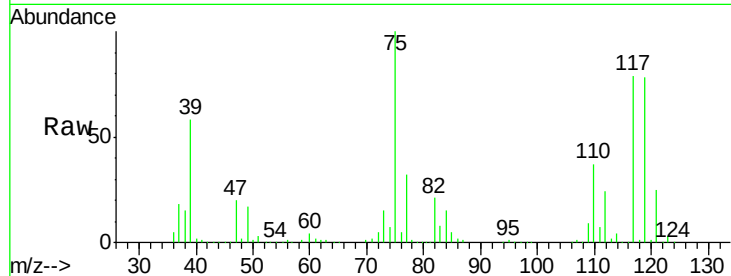




#29
 1,1-Dichloropropene
 Concen: 95.13 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

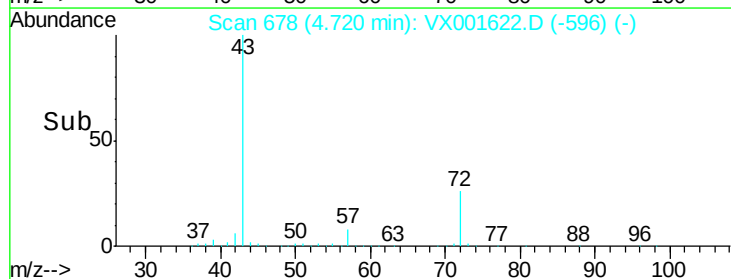
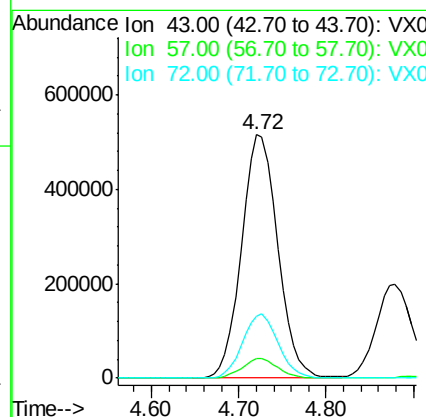
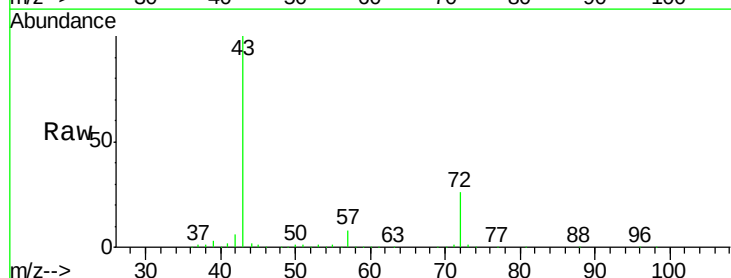
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

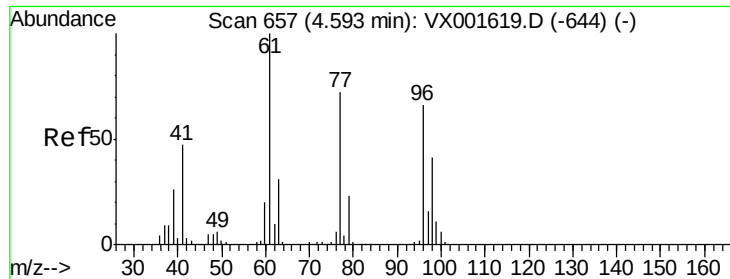
Tgt Ion: 75 Resp: 420267
 Ion Ratio Lower Upper
 75 100
 110 37.4 0.0 74.6
 77 30.5 0.0 62.4



#30
 2-Butanone
 Concen: 627.46 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 43 Resp: 1485955
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.3 9.5
 72 25.7 20.2 30.4

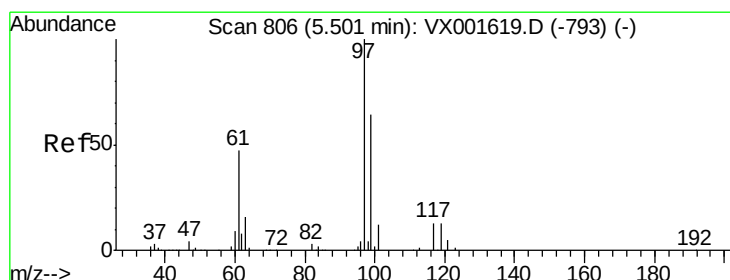
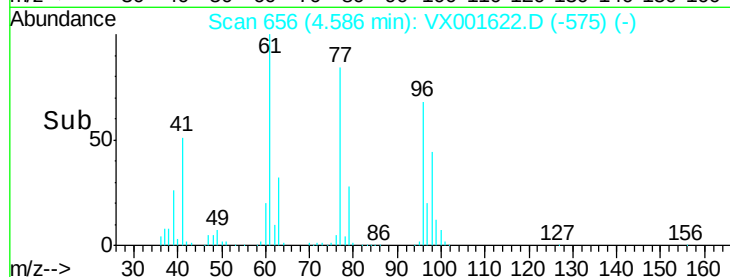
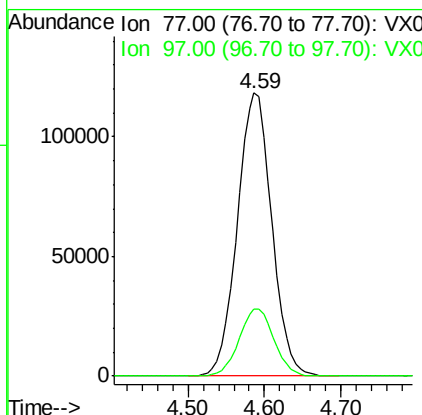
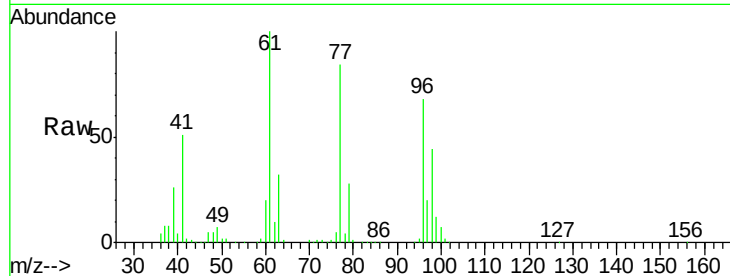




#31
 2,2-Dichloropropane
 Concen: 80.20 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

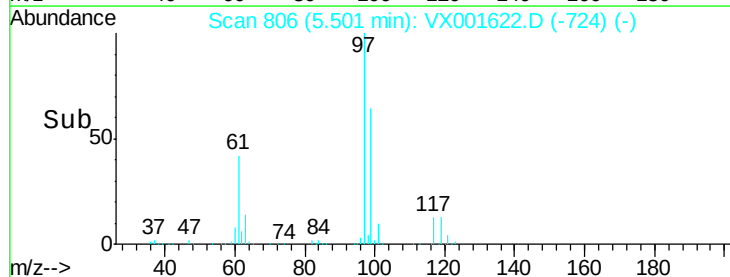
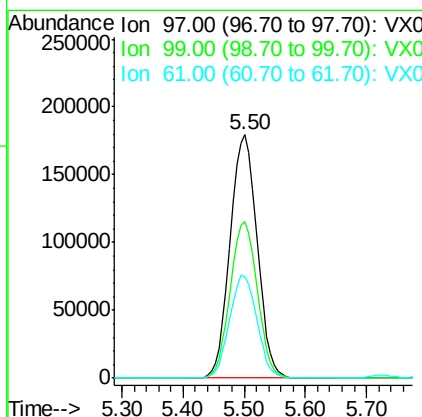
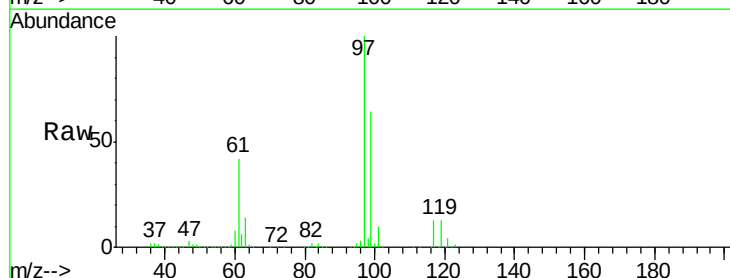
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

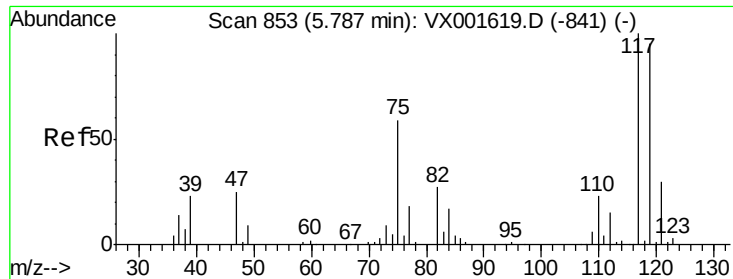
Tgt Ion: 77 Resp: 369674
 Ion Ratio Lower Upper
 77 100
 97 24.2 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 101.44 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 97 Resp: 546152
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 42.7 35.6 53.4





#33

Carbon Tetrachloride

Concen: 95.57 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

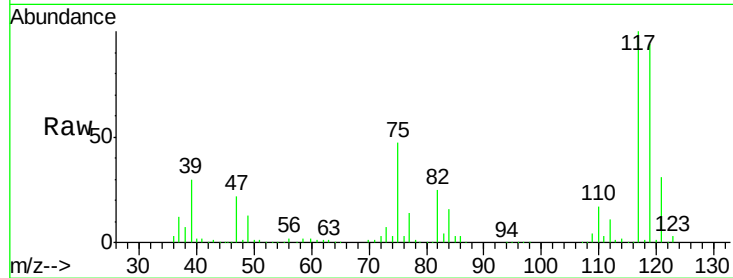
Tgt Ion:117 Resp: 464155

Ion Ratio Lower Upper

117 100

119 94.1 75.7 113.5

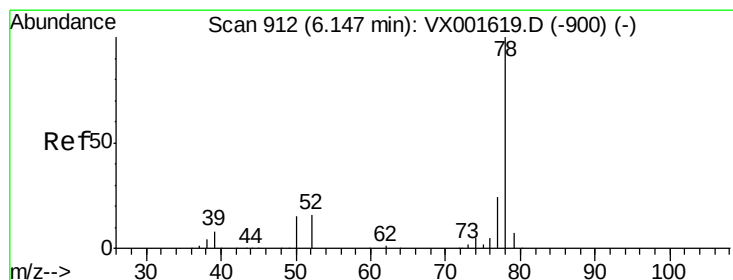
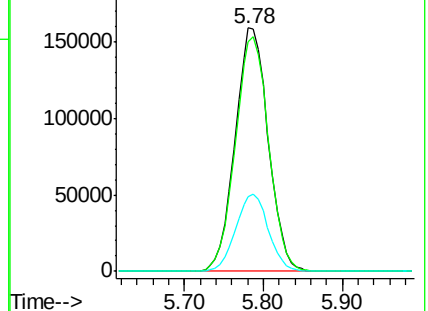
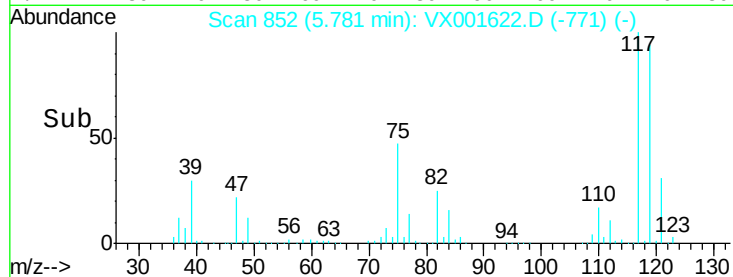
121 30.6 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 105.89 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

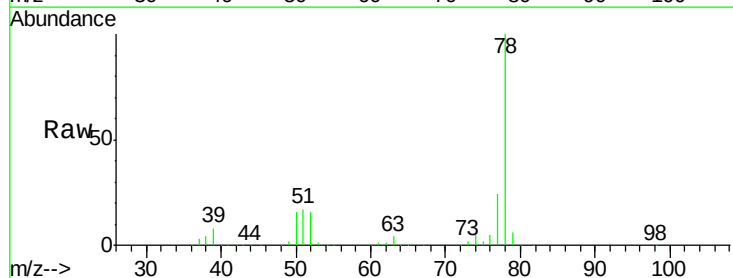
Tgt Ion: 78 Resp: 1397838

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

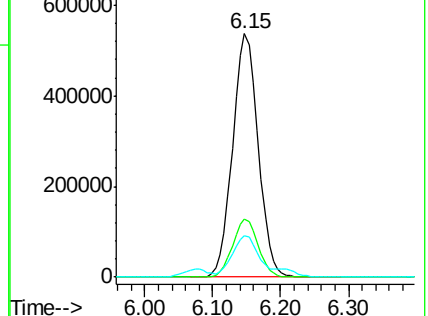
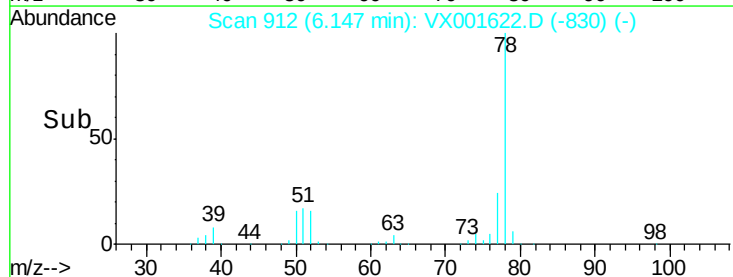
51 16.9 13.5 20.3

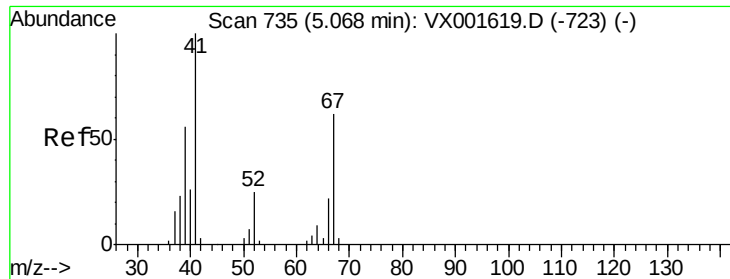


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

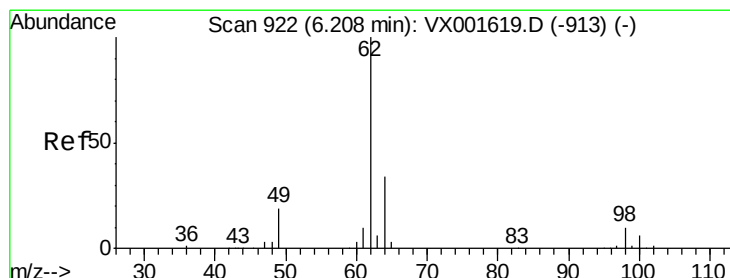
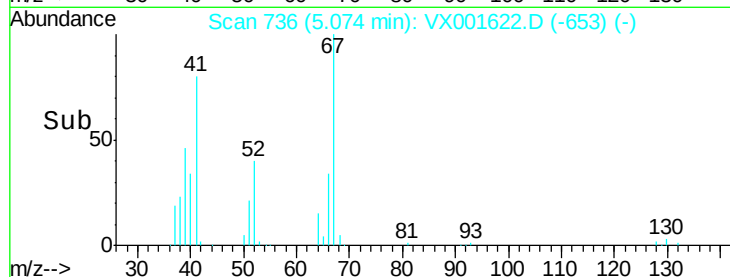
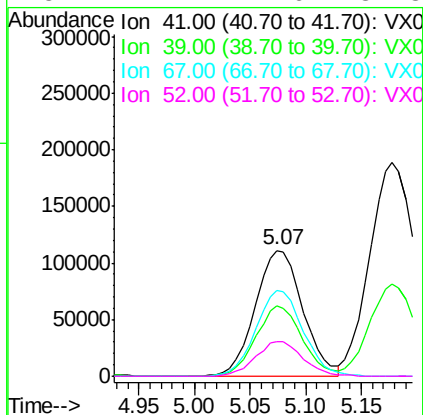
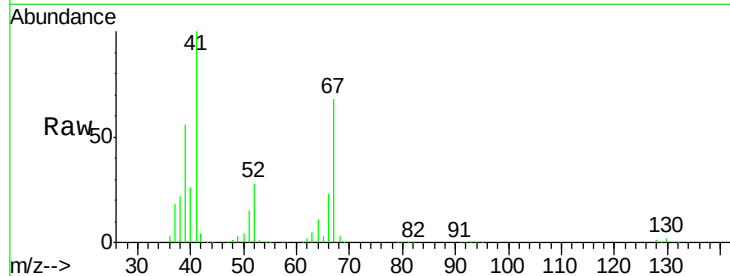




#35
Methacrylonitrile
Concen: 125.86 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

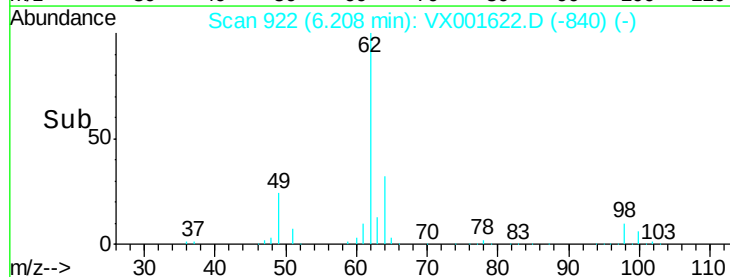
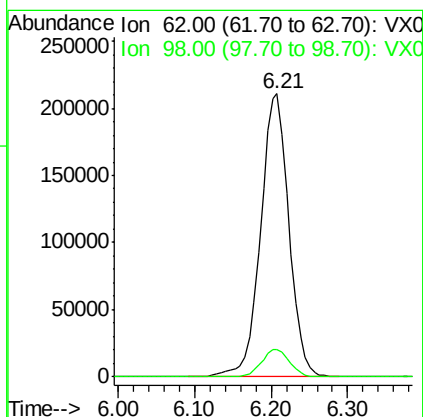
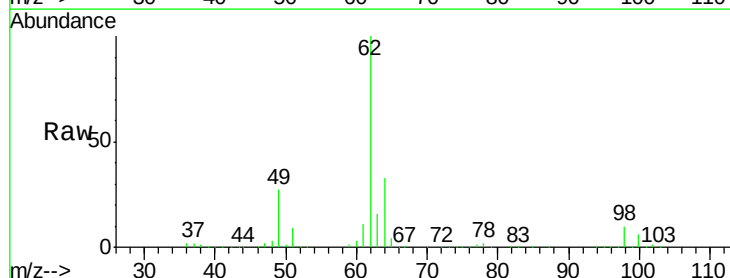
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

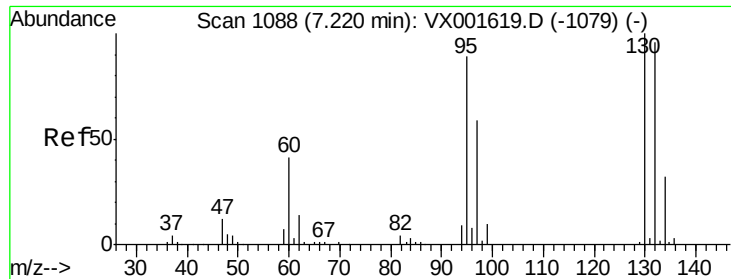
Tgt Ion:	41	Resp:	329699
Ion	Ratio	Lower	Upper
41	100		
39	55.6	27.9	83.6
67	68.2	30.9	92.5
52	27.4	12.6	37.8



#36
1,2-Dichloroethane
Concen: 106.17 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion:	62	Resp:	543518
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.7	11.5





#37

Trichloroethene

Concen: 100.37 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

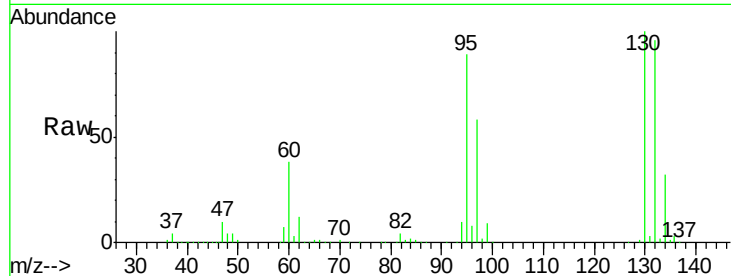
VSTDIC150

Tgt Ion:130 Resp: 400801

Ion Ratio Lower Upper

130 100

95 88.7 71.4 107.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

200000

150000

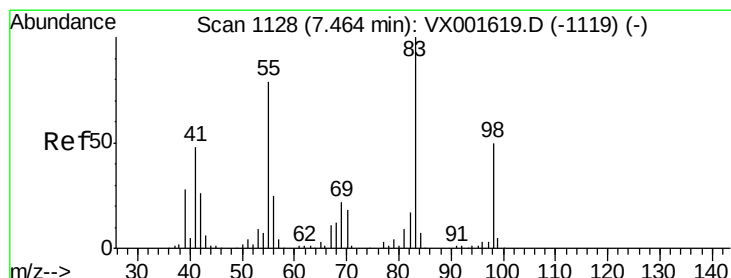
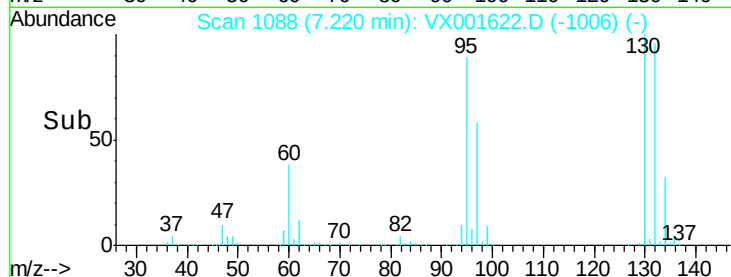
100000

50000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 83.25 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

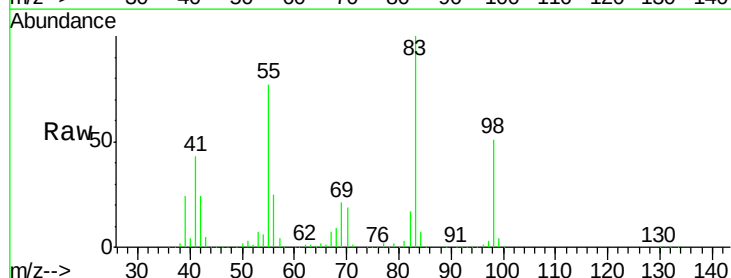
Tgt Ion: 83 Resp: 425484

Ion Ratio Lower Upper

83 100

55 75.5 39.6 118.7

98 50.5 25.0 75.0



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

7.46

250000

200000

150000

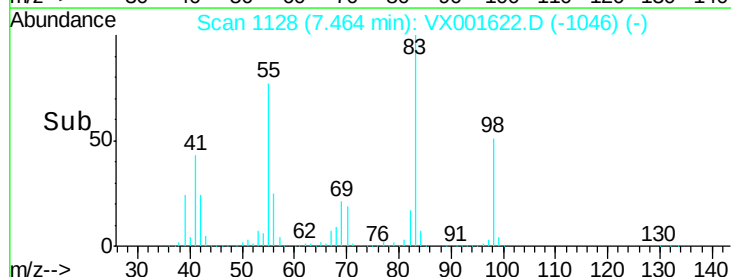
100000

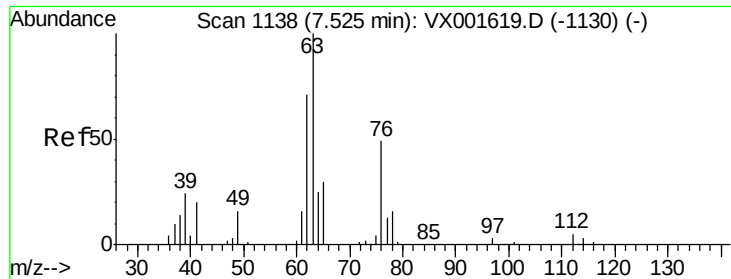
50000

0

7.40 7.45 7.50 7.55 7.60

Time-->

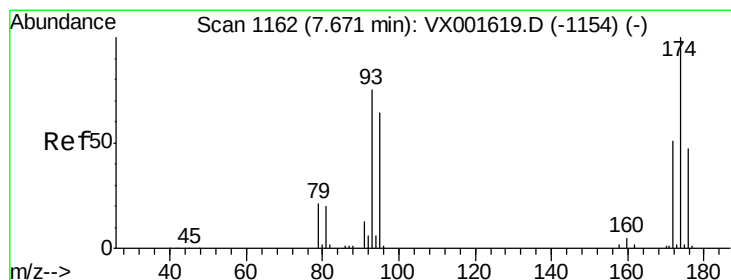
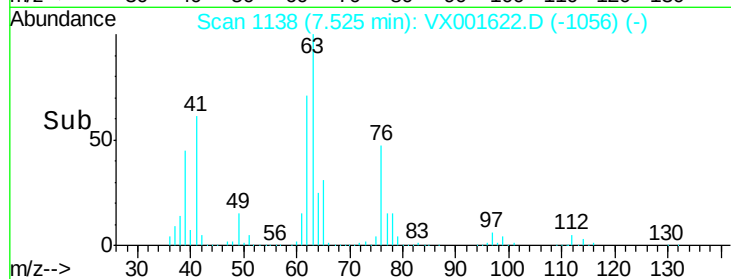
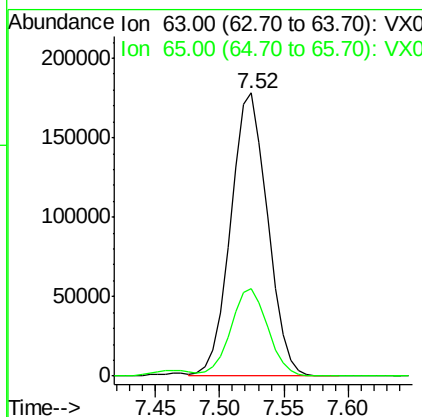
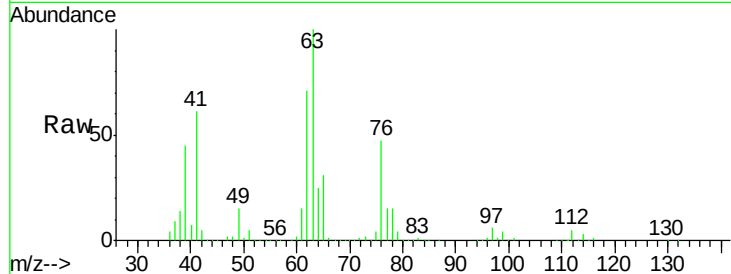




#39
 1,2-Dichloropropane
 Concen: 106.16 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

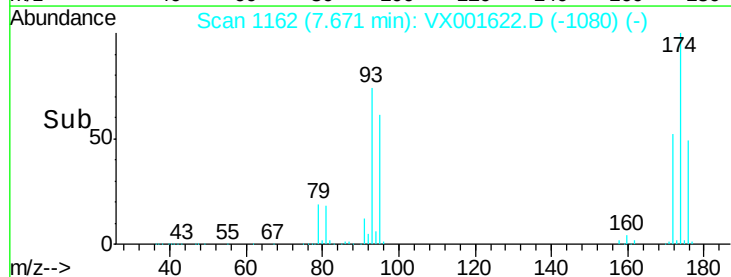
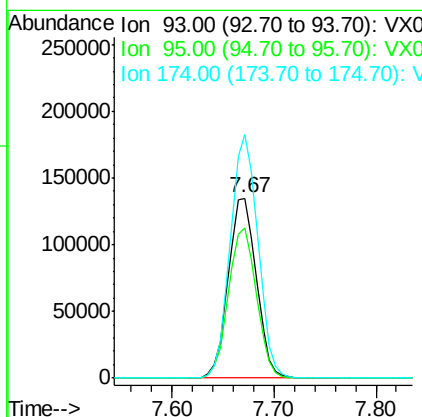
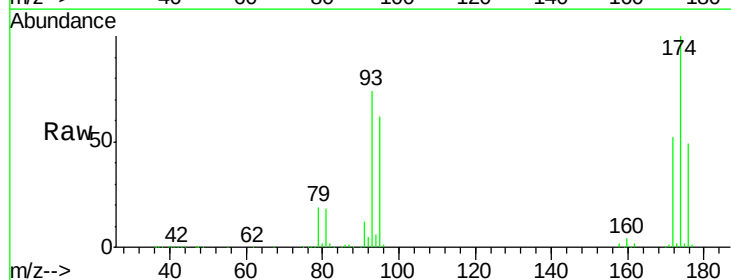
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

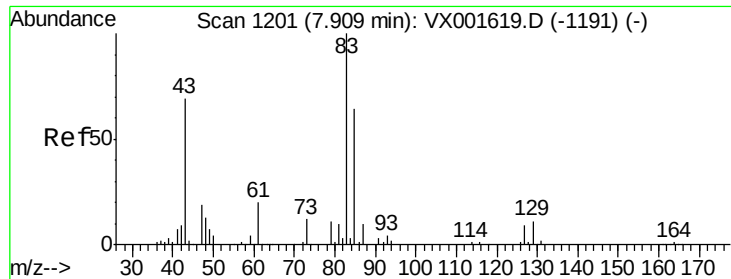
Tgt Ion: 63 Resp: 355177
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.3 37.9



#40
 Dibromomethane
 Concen: 108.74 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 93 Resp: 256958
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 166.2
 174 133.0 0.0 259.2





#41

Bromodichloromethane

Concen: 111.83 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

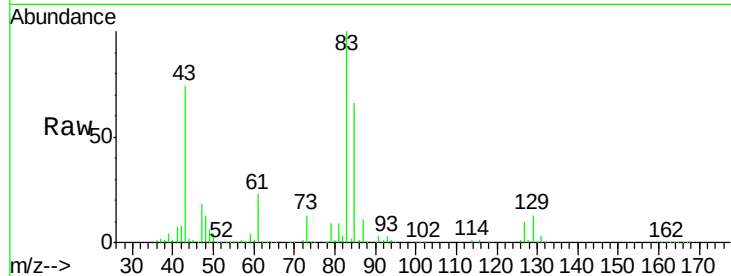
Tgt Ion: 83 Resp: 498862

Ion Ratio Lower Upper

83 100

85 65.8 51.3 76.9

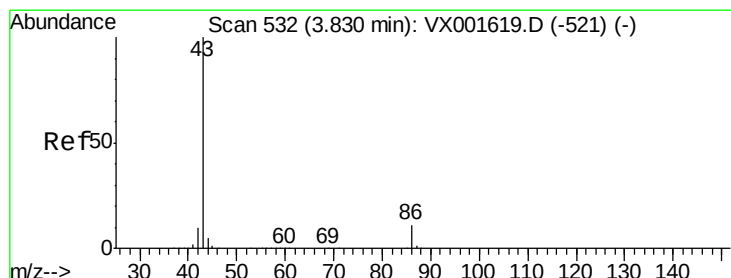
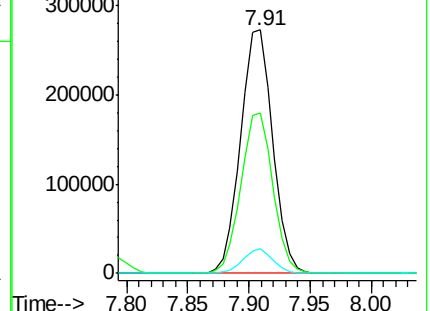
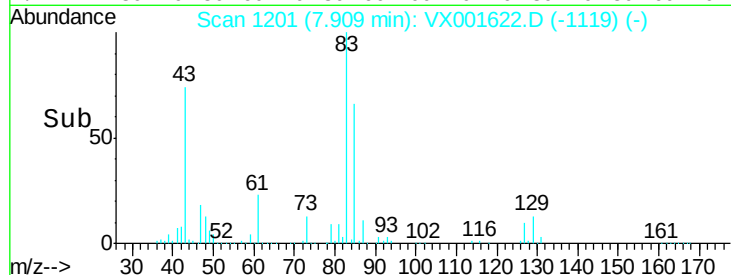
127 10.0 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 571.61 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001622.D

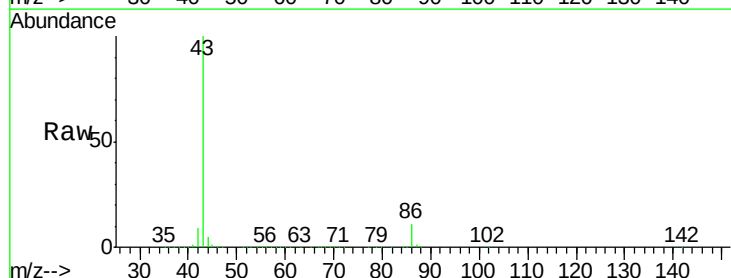
Acq: 11 May 2018 00:49

Tgt Ion: 43 Resp: 5122481

Ion Ratio Lower Upper

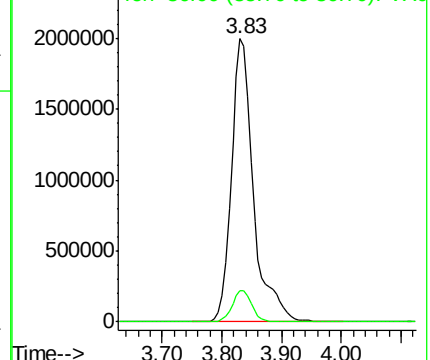
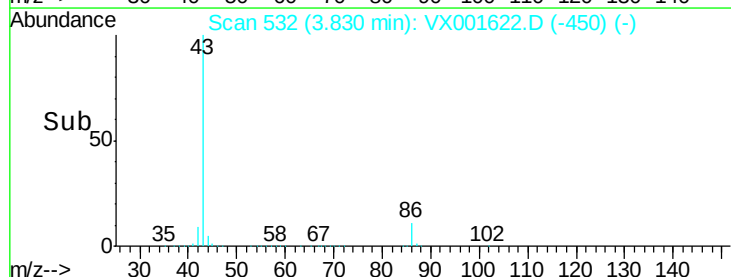
43 100

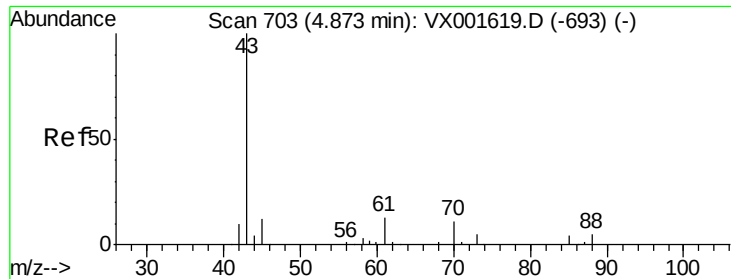
86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

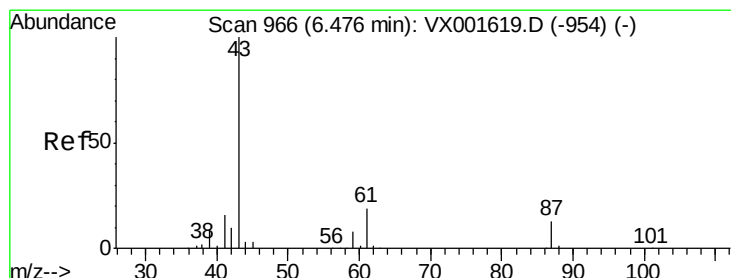
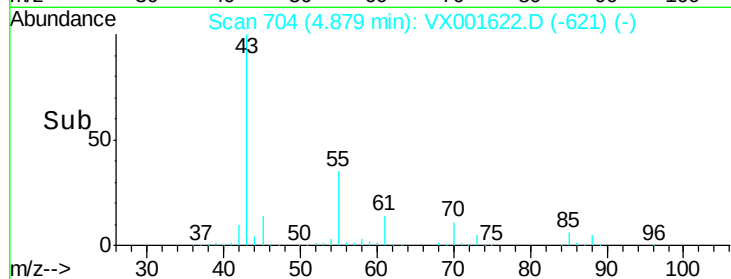
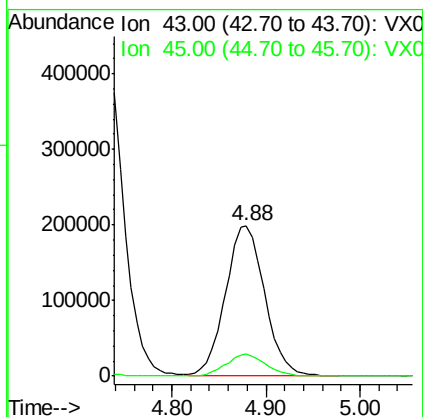
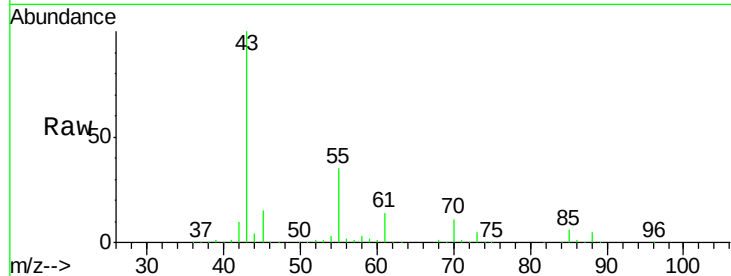




#43
Ethyl Acetate
Concen: 126.17 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

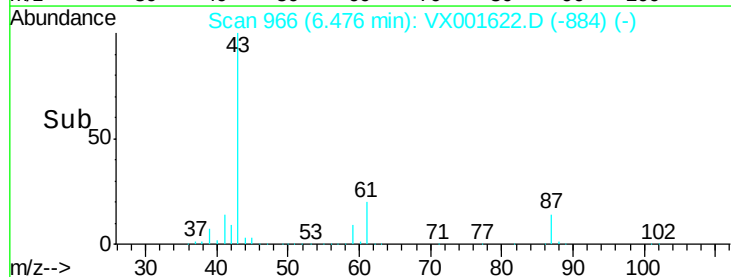
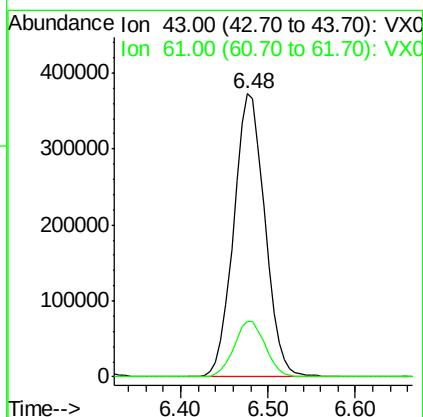
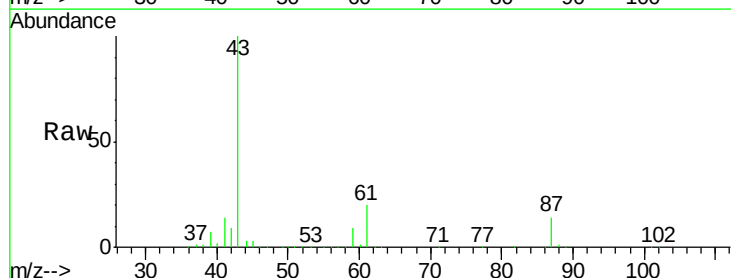
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

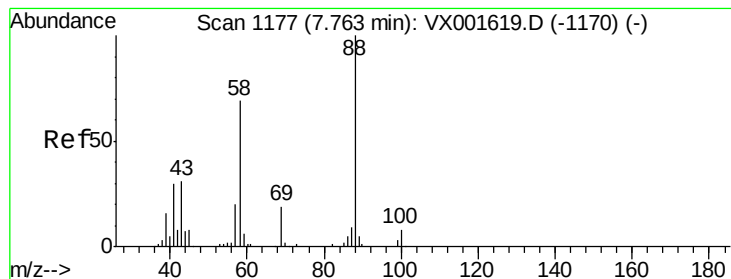
Tgt Ion: 43 Resp: 577490
Ion Ratio Lower Upper
43 100
45 14.9 12.7 19.1



#44
Isopropyl Acetate
Concen: 121.35 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion: 43 Resp: 919828
Ion Ratio Lower Upper
43 100
61 19.9 15.1 22.7





#45

1,4-Dioxane

Concen: 2875.66 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

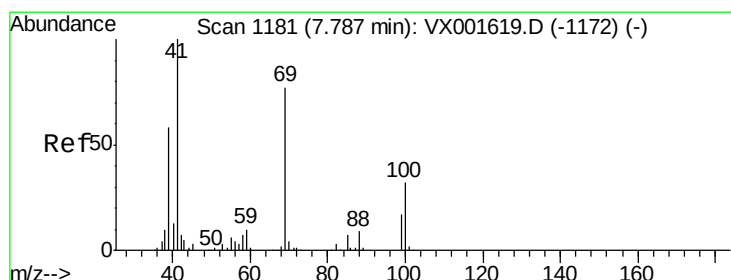
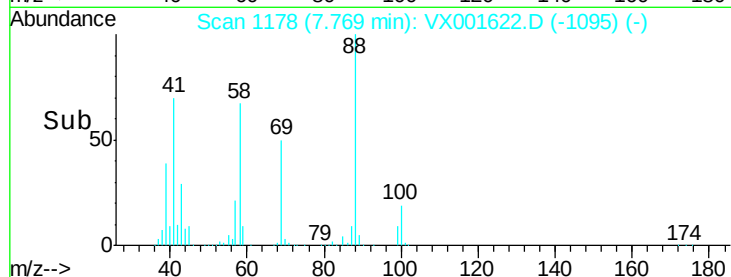
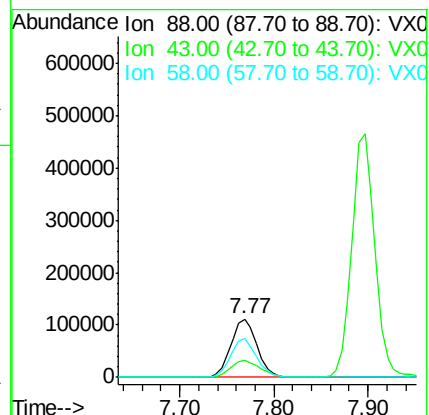
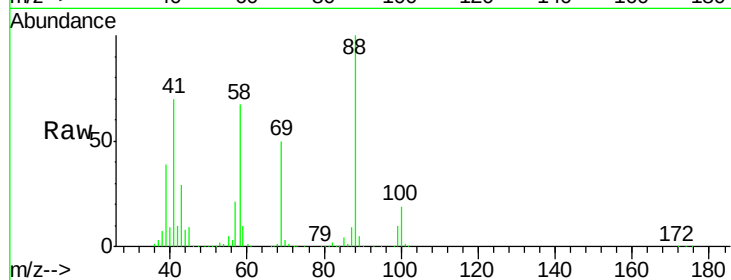
Tgt Ion: 88 Resp: 212020

Ion Ratio Lower Upper

88 100

43 32.1 27.9 41.9

58 67.2 55.3 82.9



#46

Methyl methacrylate

Concen: 123.62 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

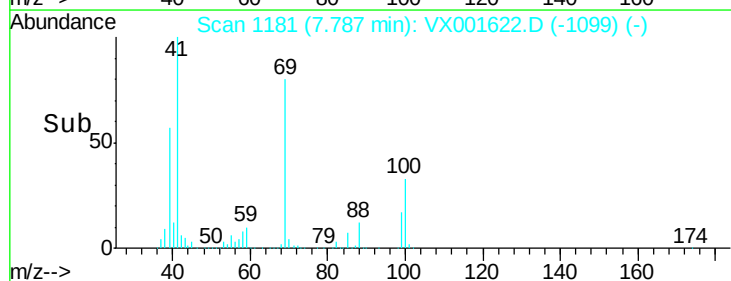
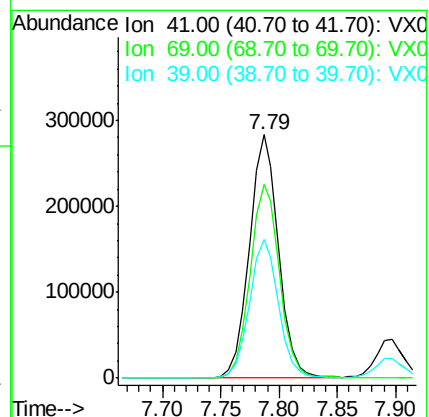
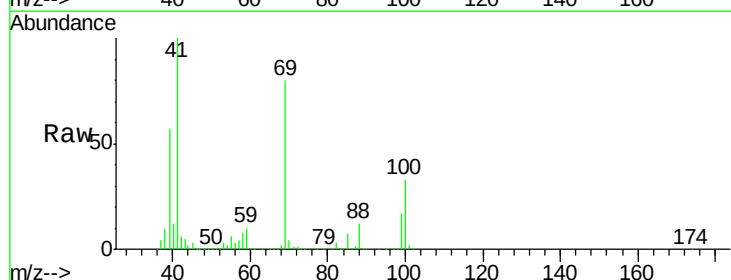
Tgt Ion: 41 Resp: 492106

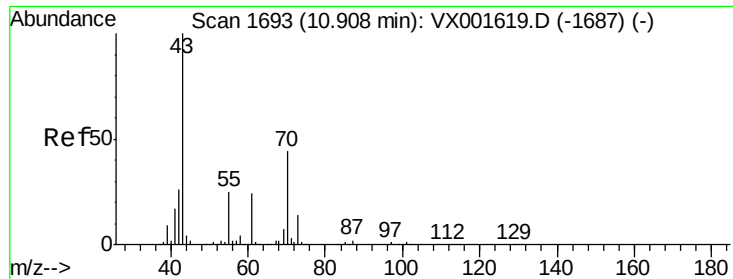
Ion Ratio Lower Upper

41 100

69 79.7 38.4 115.2

39 56.8 29.0 87.1





#47

n-amyl Acetate

Concen: 114.26 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

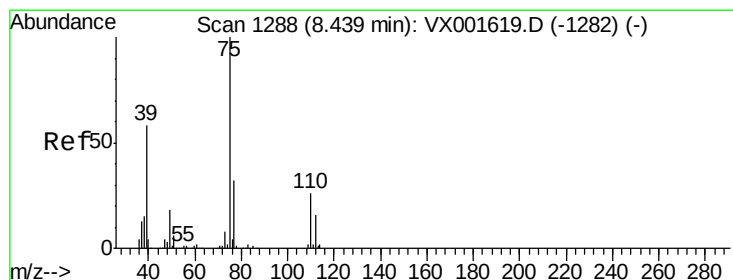
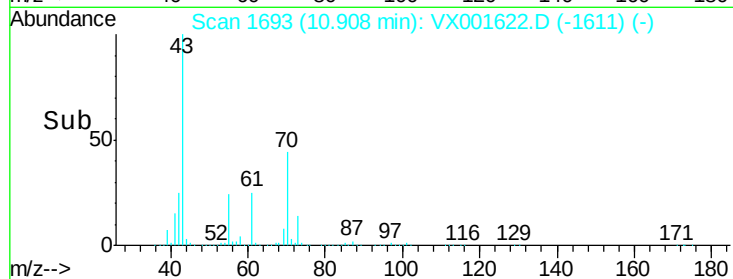
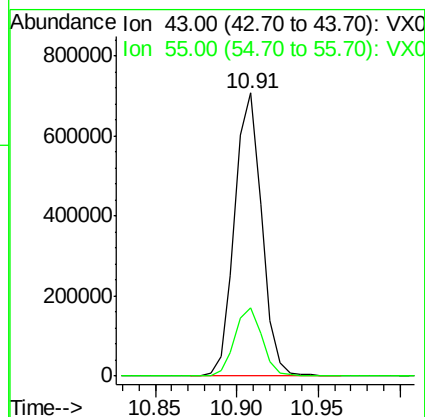
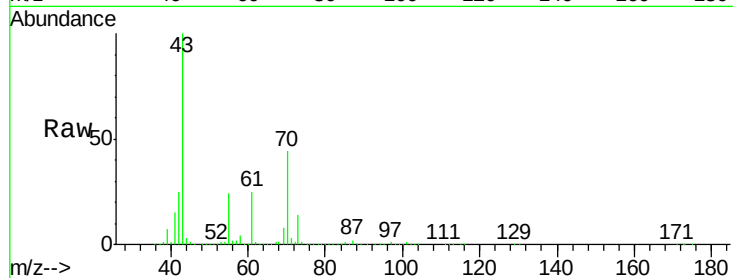
VSTDIC150

Tgt Ion: 43 Resp: 816900

Ion Ratio Lower Upper

43 100

55 24.4 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 111.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001622.D

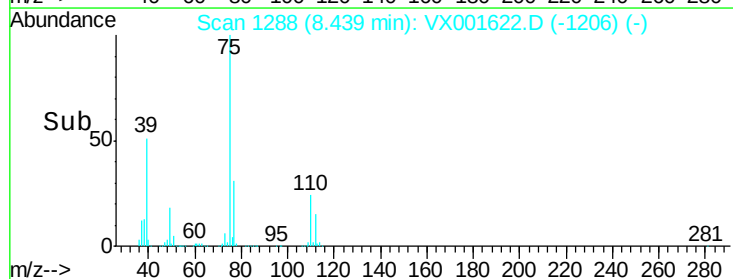
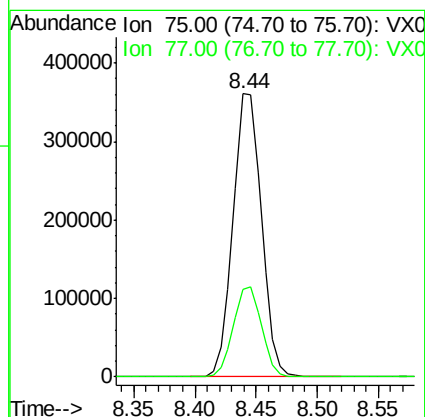
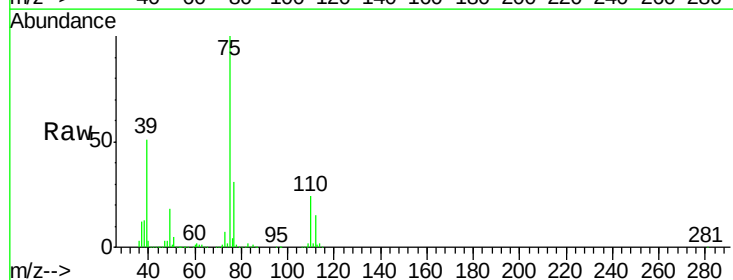
Acq: 11 May 2018 00:49

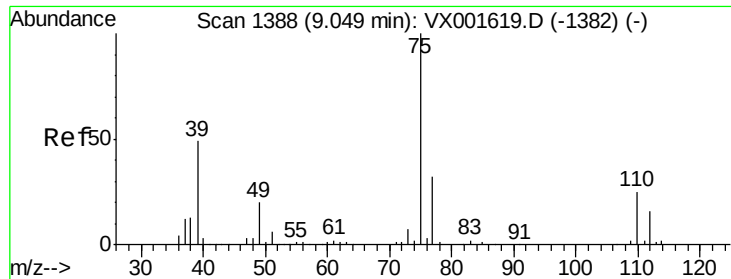
Tgt Ion: 75 Resp: 579151

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



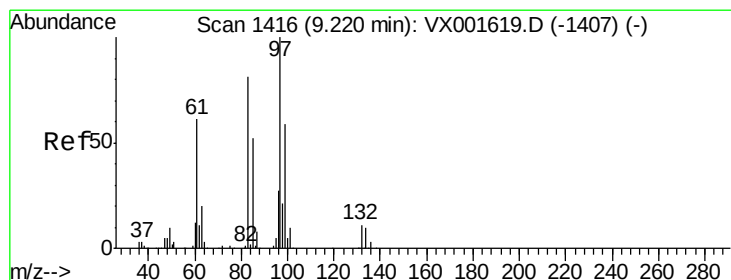
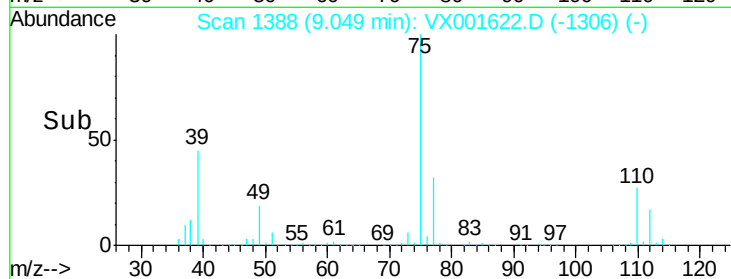
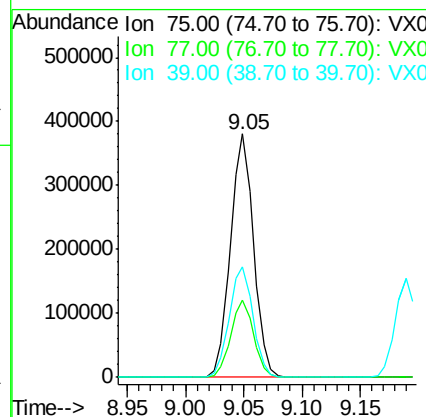
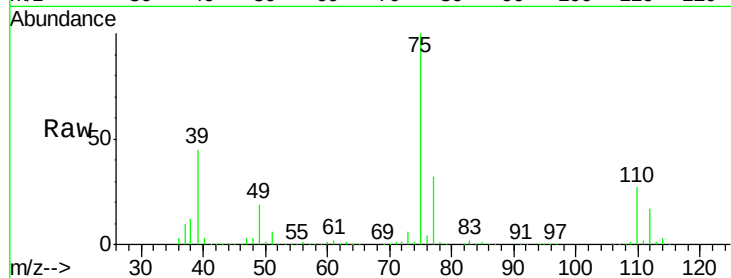


#49

cis-1,3-Dichloropropene
Concen: 106.88 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

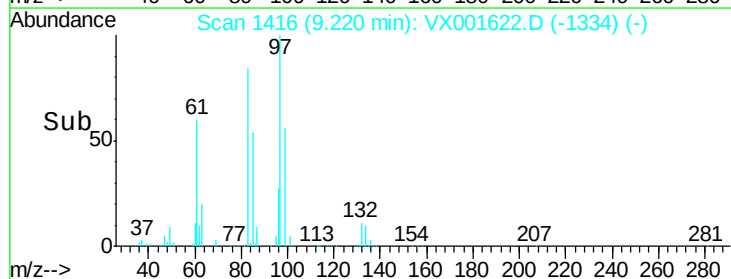
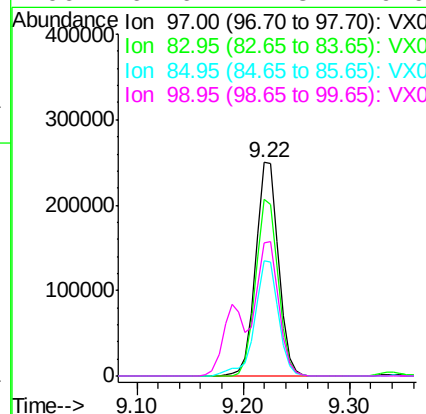
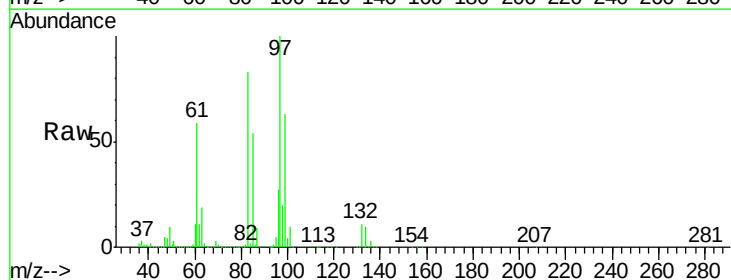
Tgt Ion:	75	Resp:	523515
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	45.4	39.4	59.0

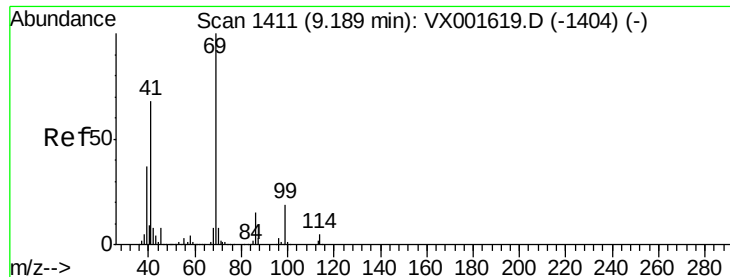


#50

1,1,2-Trichloroethane
Concen: 107.20 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion:	97	Resp:	376523
Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.0	97.6
85	54.0	41.5	62.3
99	62.6	47.3	70.9





#51

Ethyl methacrylate

Concen: 119.30 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

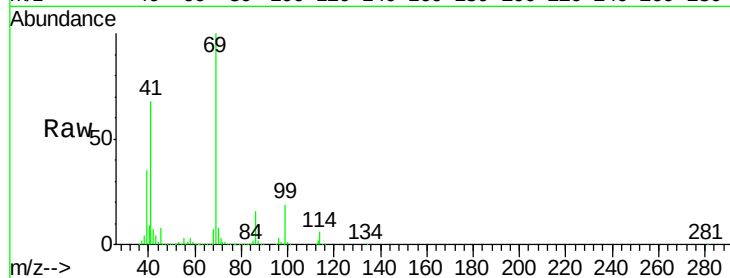
Tgt Ion: 69 Resp: 596250

Ion Ratio Lower Upper

69 100

41 68.0 33.9 101.6

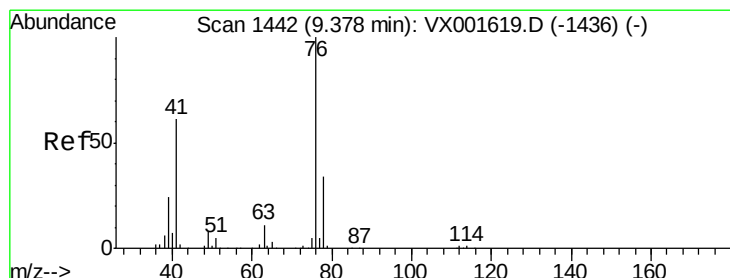
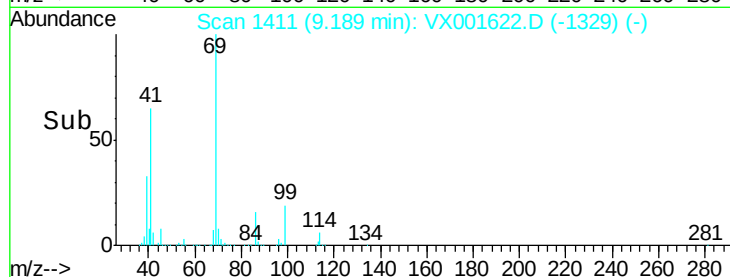
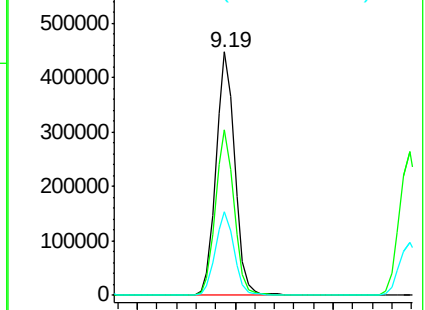
39 34.5 18.4 55.2



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: 108.88 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001622.D

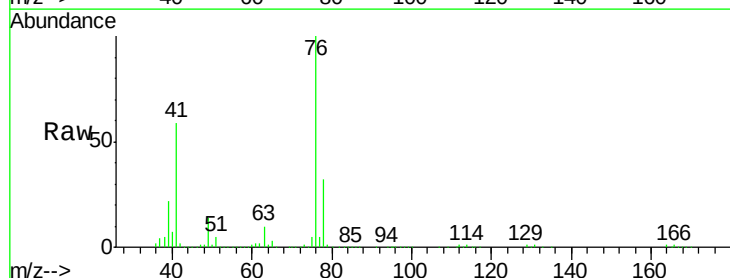
Acq: 11 May 2018 00:49

Tgt Ion: 76 Resp: 619773

Ion Ratio Lower Upper

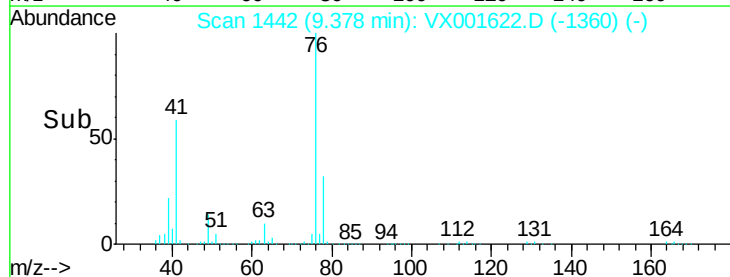
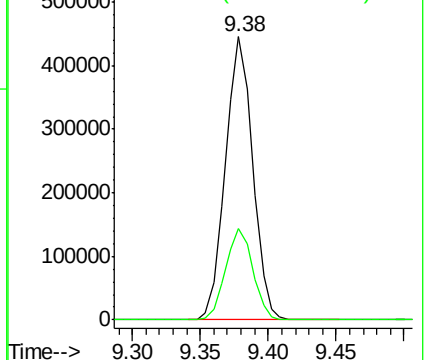
76 100

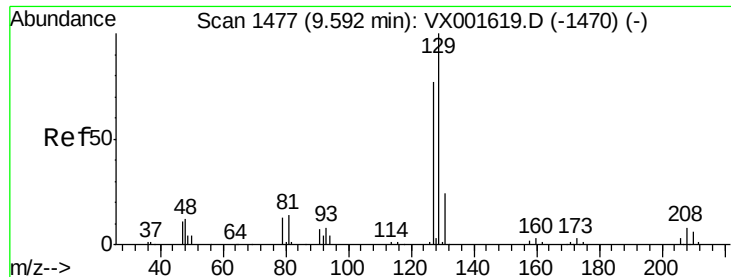
78 32.3 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 110.62 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

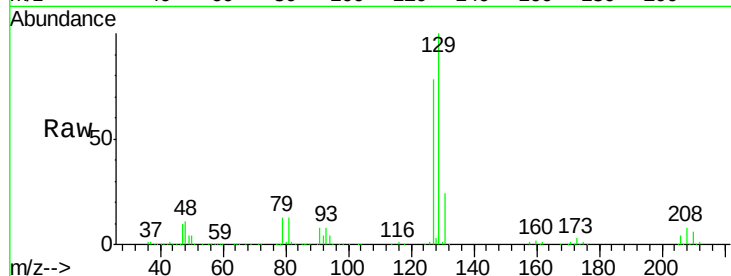
VSTDIC150

Tgt Ion:129 Resp: 424941

Ion Ratio Lower Upper

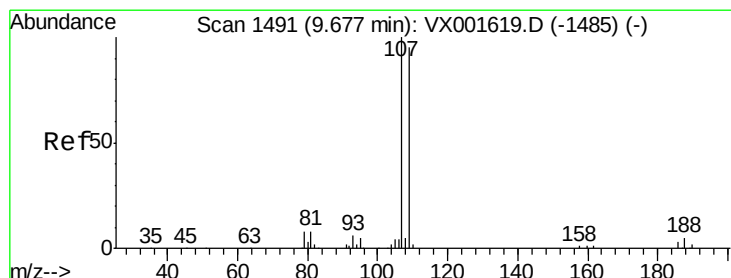
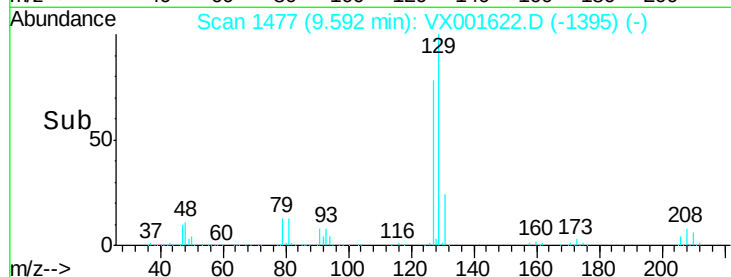
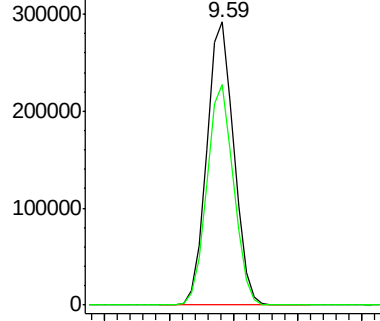
129 100

127 77.0 37.9 113.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 107.18 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001622.D

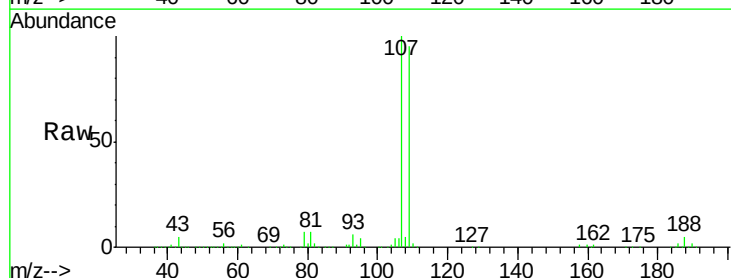
Acq: 11 May 2018 00:49

Tgt Ion:107 Resp: 404254

Ion Ratio Lower Upper

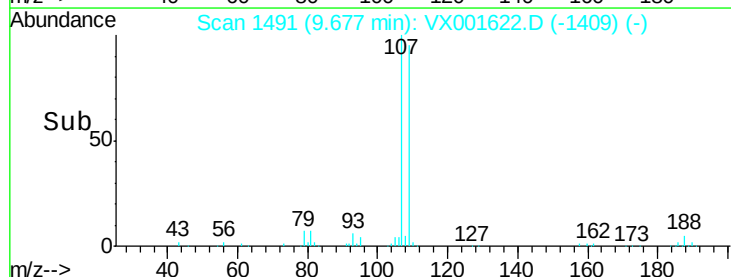
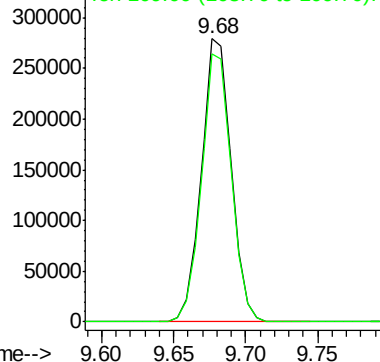
107 100

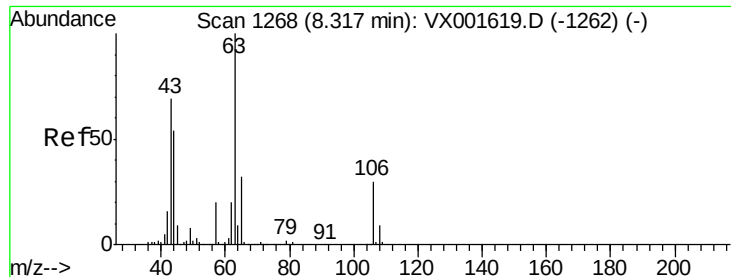
109 94.8 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



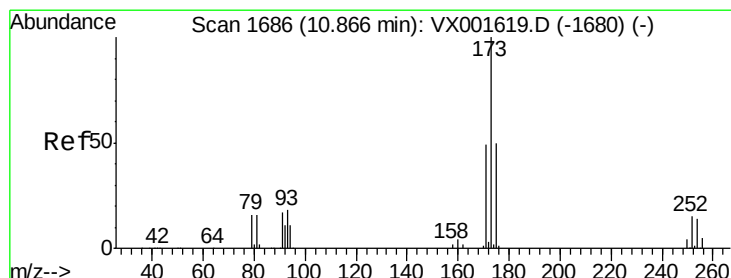
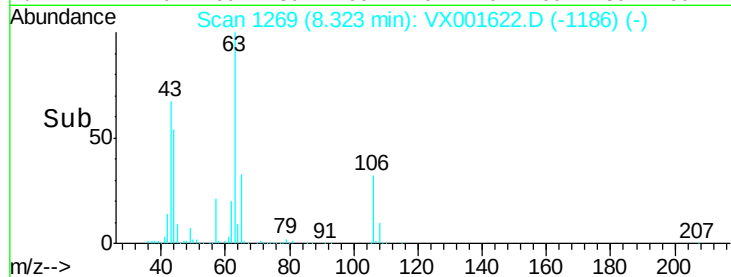
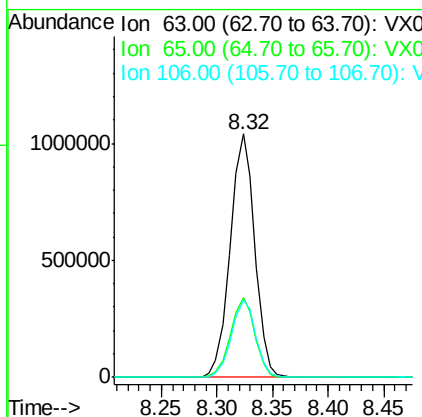
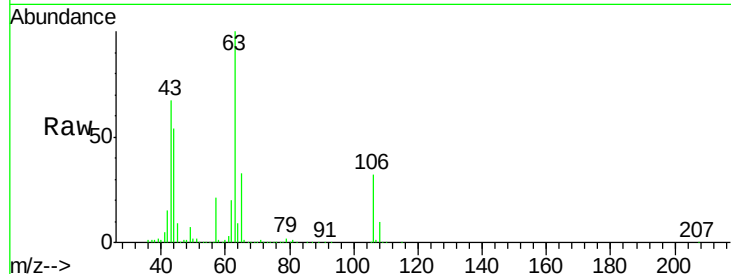


#55
 2-Chloroethyl vinyl ether
 Concen: 636.84 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 1585624

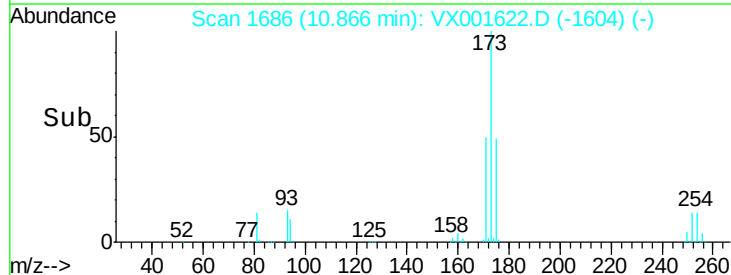
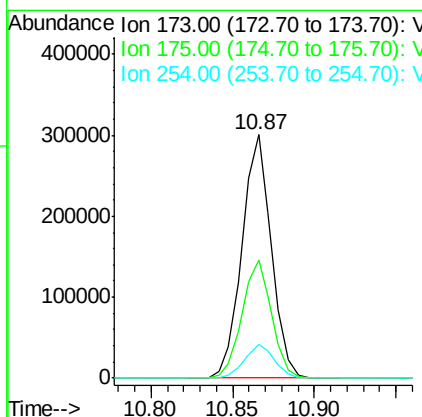
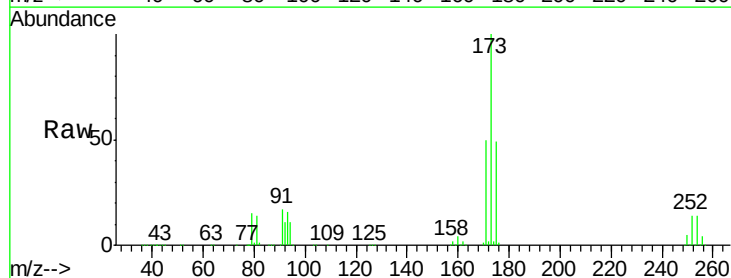
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	31.6	24.8	37.2

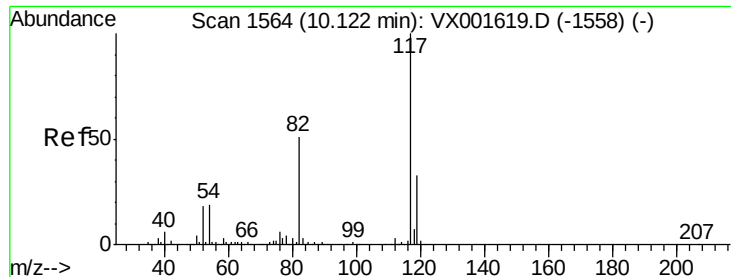


#56
 Bromoform
 Concen: 119.76 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 173 Resp: 377210

Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.8	59.8
254	13.9	10.7	16.1

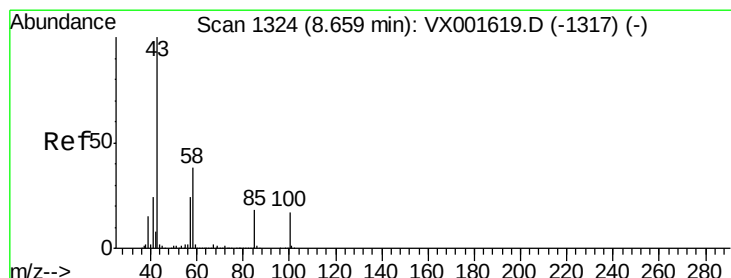
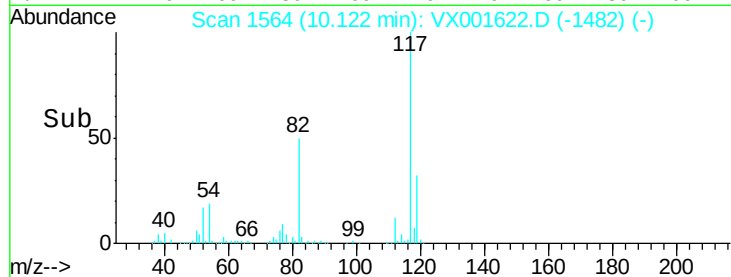
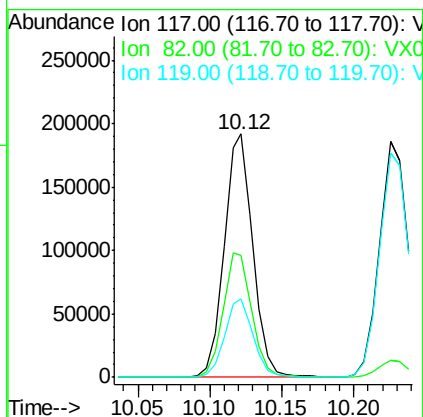
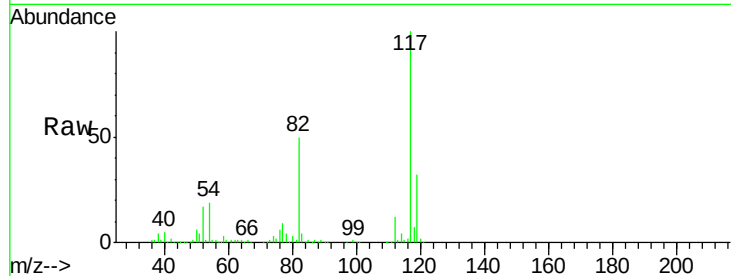




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

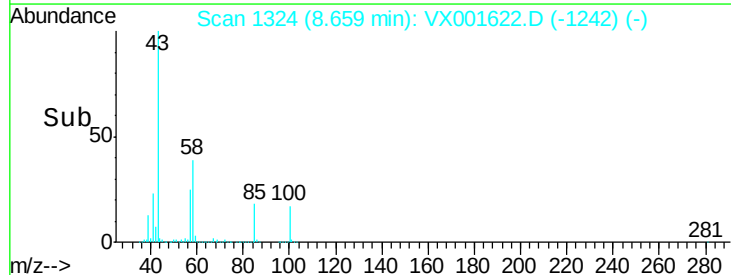
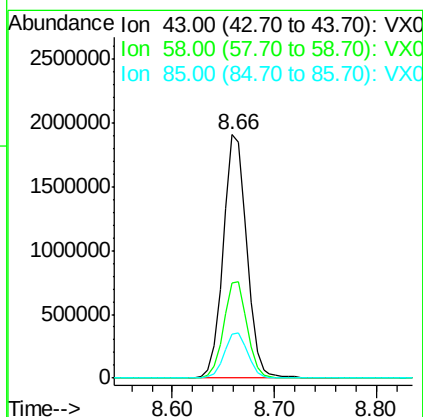
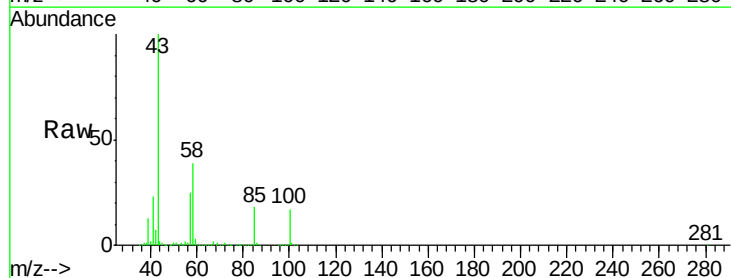
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

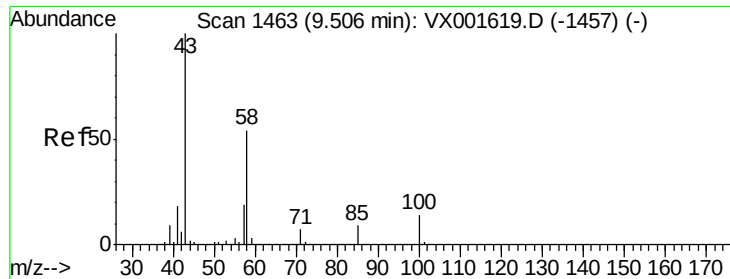
Tgt Ion: 117 Resp: 266250
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 32.3 26.3 39.5



#58
4-Methyl-2-Pentanone
Concen: 669.33 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion: 43 Resp: 3052149
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6
85 18.5 14.3 21.5

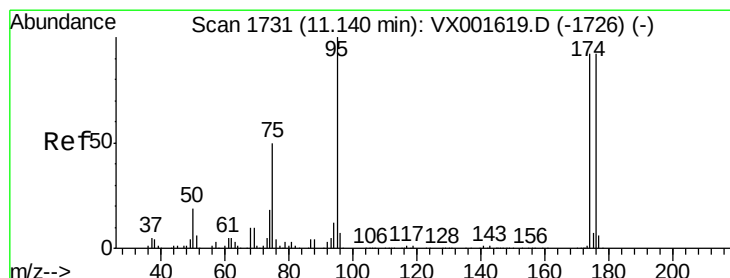
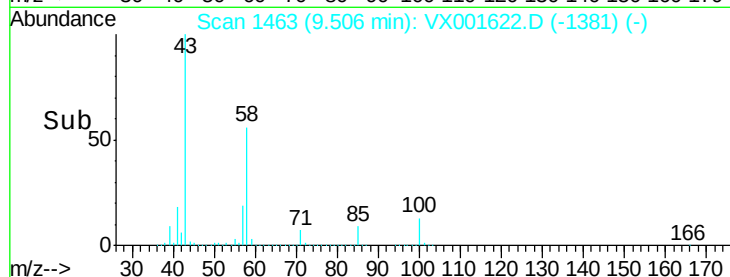
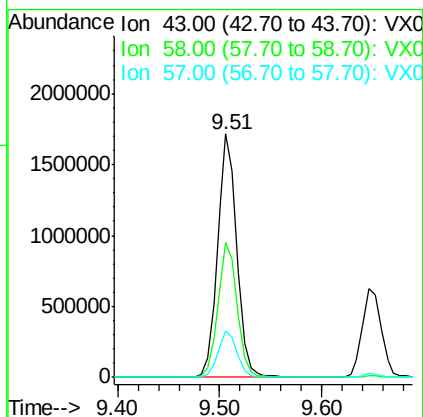
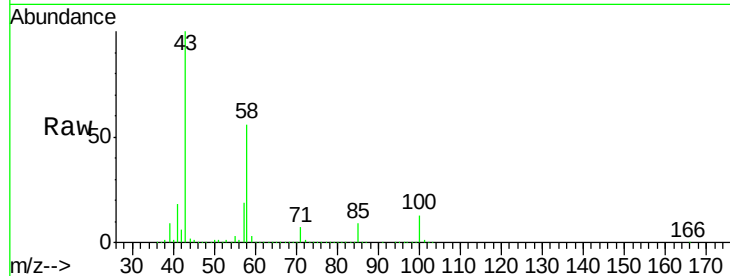




#59
2-Hexanone
Concen: 644.08 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

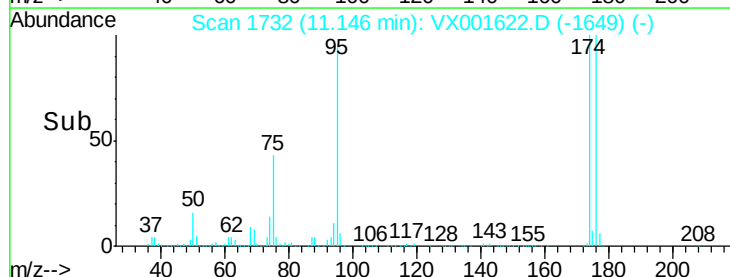
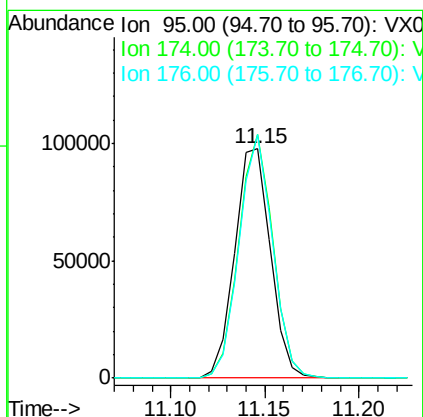
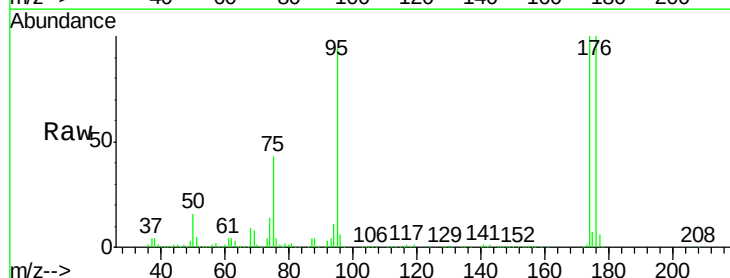
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

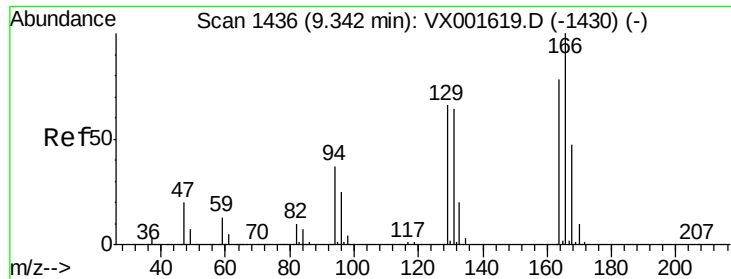
Tgt Ion: 43 Resp: 2273160
Ion Ratio Lower Upper
43 100
58 55.6 43.0 64.4
57 19.3 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.12 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion: 95 Resp: 129124
Ion Ratio Lower Upper
95 100
174 101.1 80.2 120.2
176 99.6 79.2 118.8

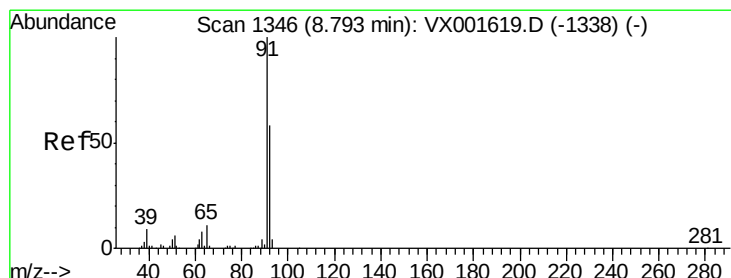
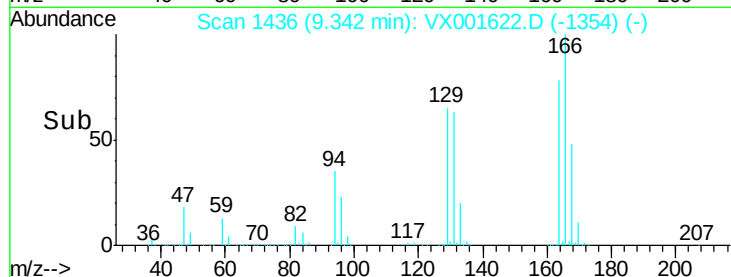
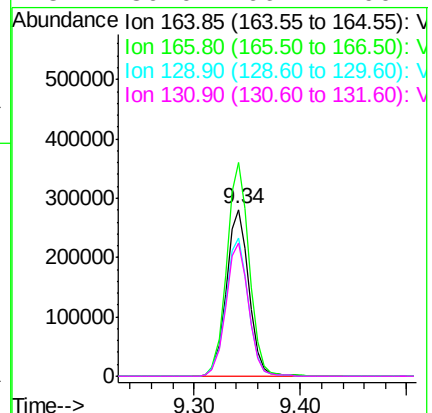
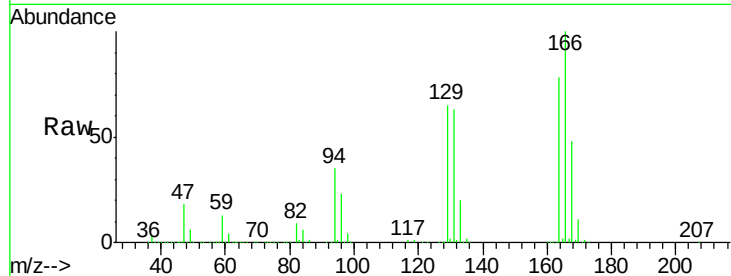




#61
Tetrachloroethene
Concen: 102.03 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

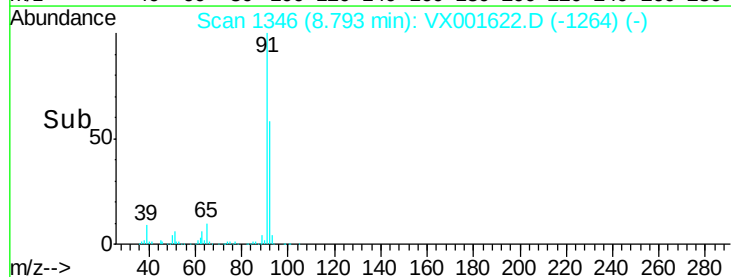
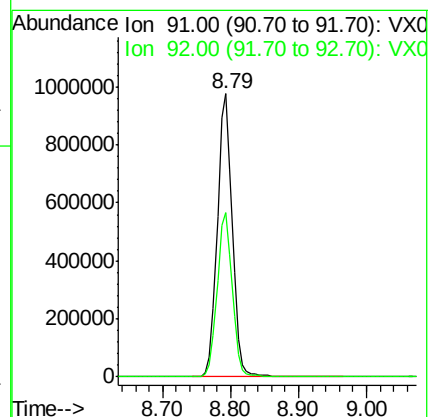
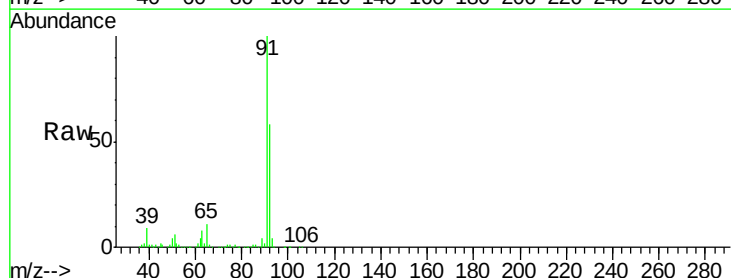
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

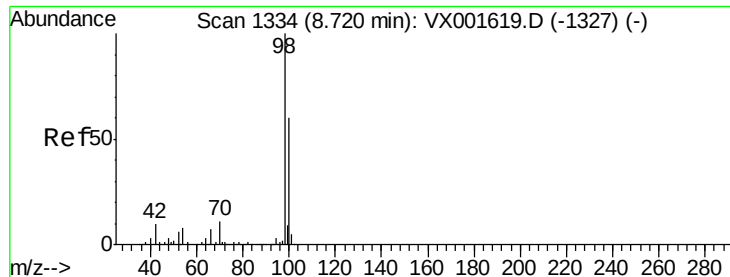
Tgt Ion	Resp	Lower	Upper
164	100		
166	127.9	102.8	154.2
129	82.5	67.8	101.8
131	80.0	66.2	99.2



#62
Toluene
Concen: 104.82 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion	Resp	Lower	Upper
91	100		
92	58.7	47.4	71.0





#63

Toluene-d8

Concen: 30.84 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

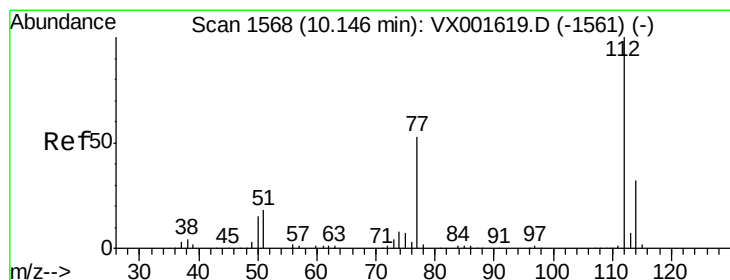
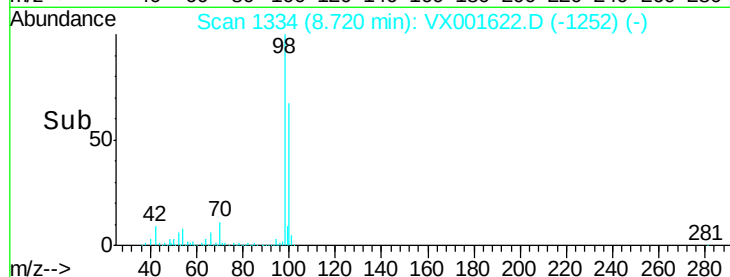
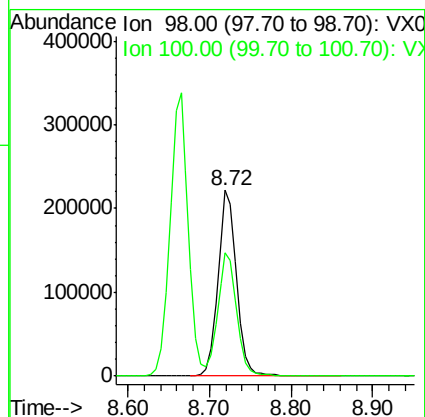
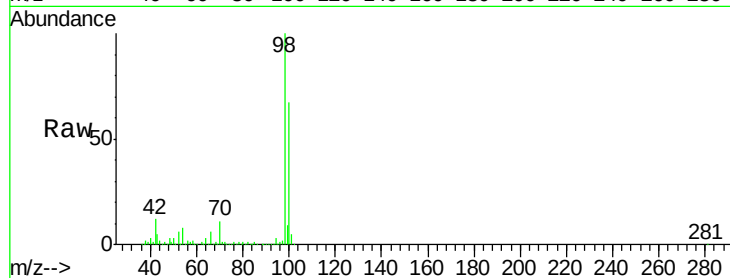
VSTDIC150

Tgt Ion: 98 Resp: 355738

Ion Ratio Lower Upper

98 100

100 66.8 52.2 78.2



#64

Chlorobenzene

Concen: 101.87 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001622.D

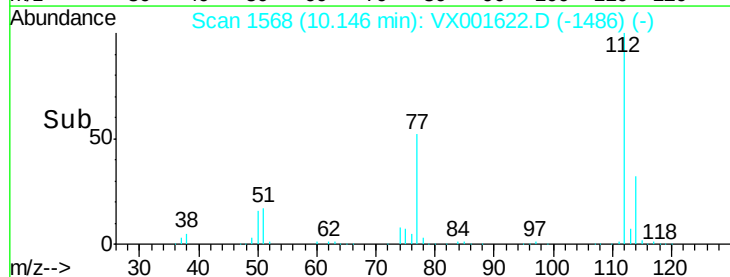
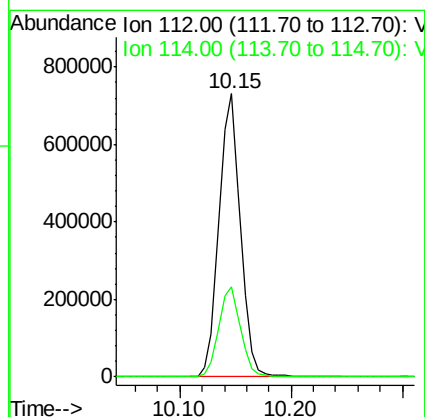
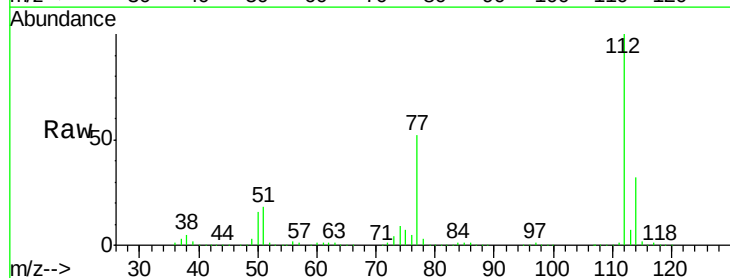
Acq: 11 May 2018 00:49

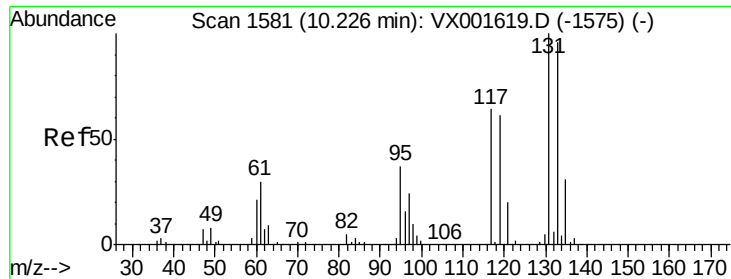
Tgt Ion: 112 Resp: 974285

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9

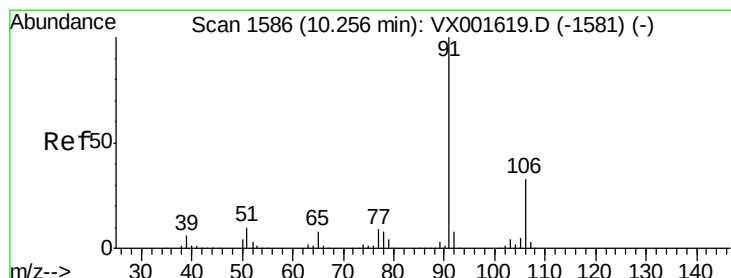
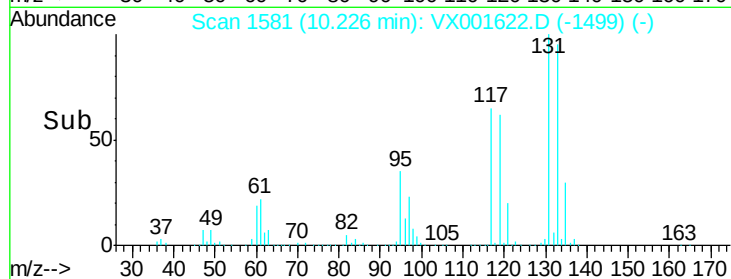
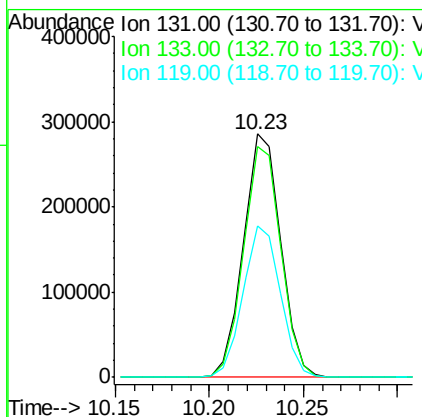
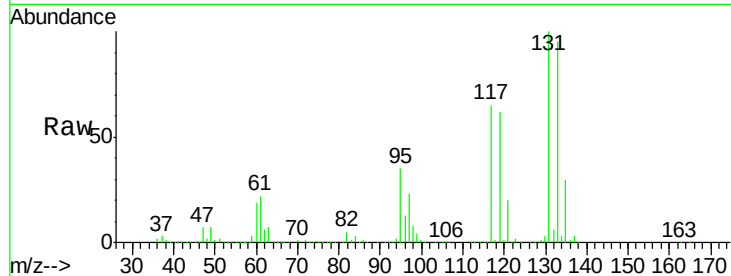




#65
 1,1,1,2-Tetrachloroethane
 Concen: 112.09 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

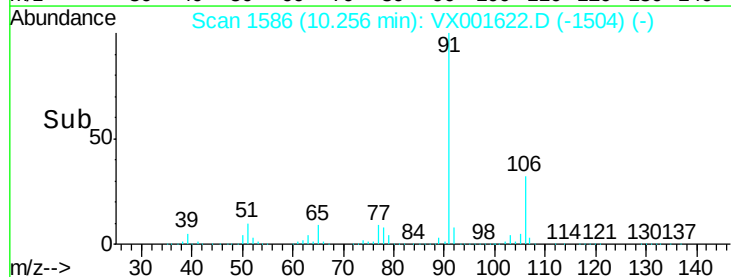
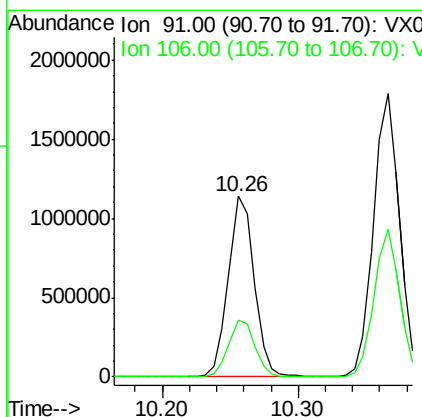
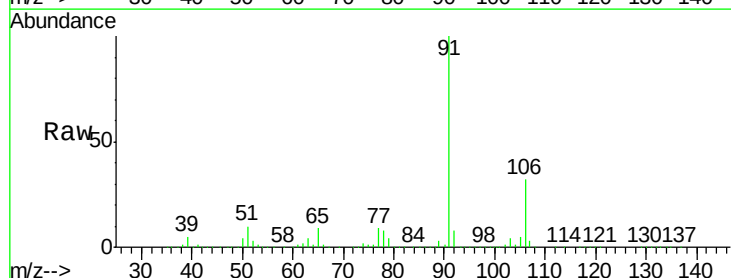
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

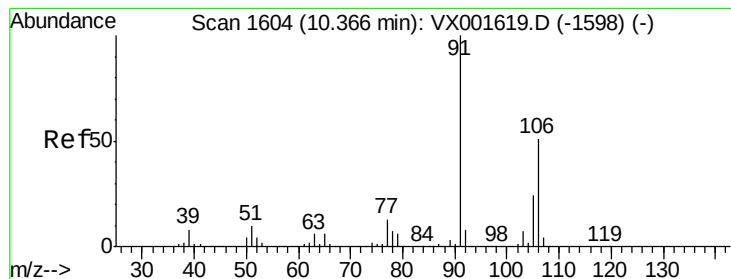
Tgt Ion:131 Resp: 391655
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 191.4
 119 62.1 0.0 124.2



#66
 Ethyl Benzene
 Concen: 97.29 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 91 Resp: 1523863
 Ion Ratio Lower Upper
 91 100
 106 31.8 26.2 39.4





#67

m/p-Xylenes

Concen: 195.16 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

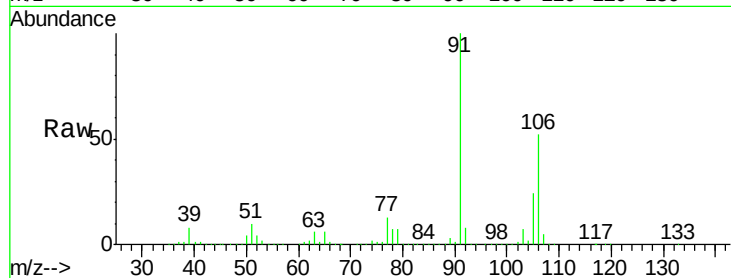
VSTDIC150

Tgt Ion:106 Resp: 1221456

Ion Ratio Lower Upper

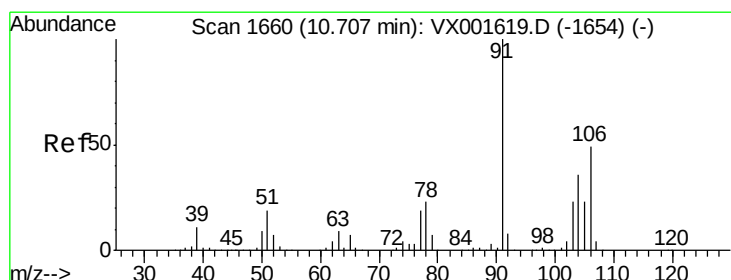
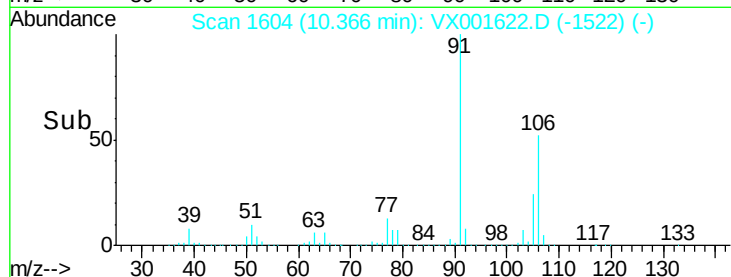
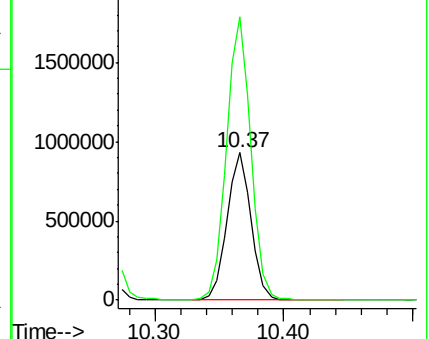
106 100

91 194.4 157.8 236.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 102.35 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001622.D

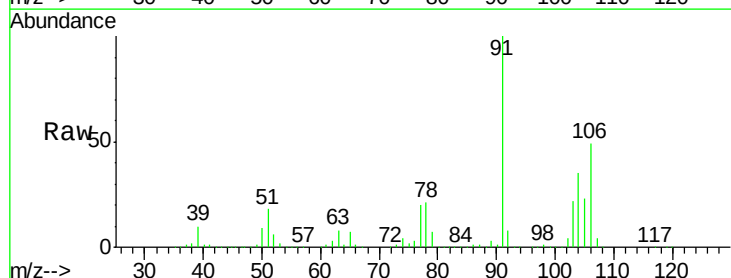
Acq: 11 May 2018 00:49

Tgt Ion:106 Resp: 618304

Ion Ratio Lower Upper

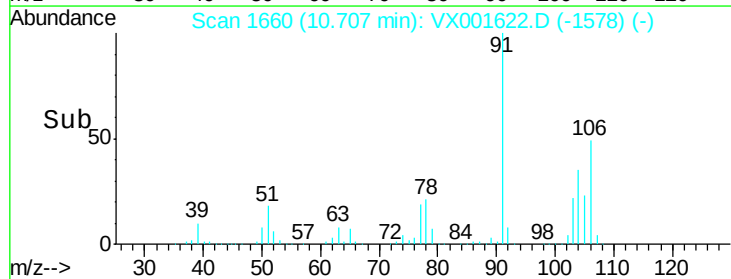
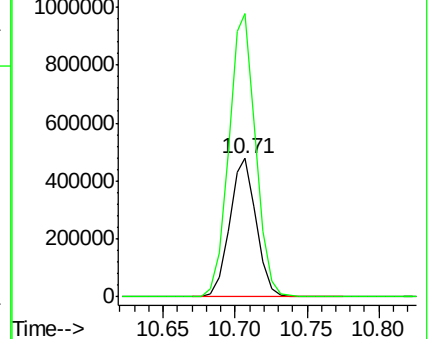
106 100

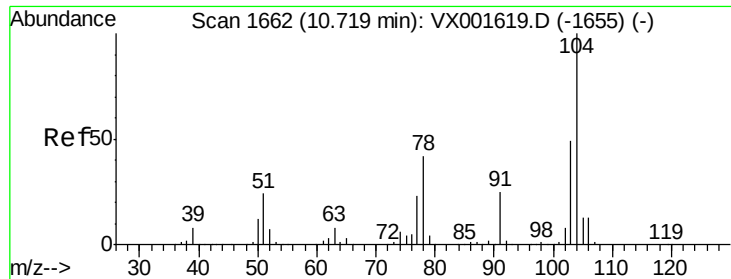
91 205.8 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

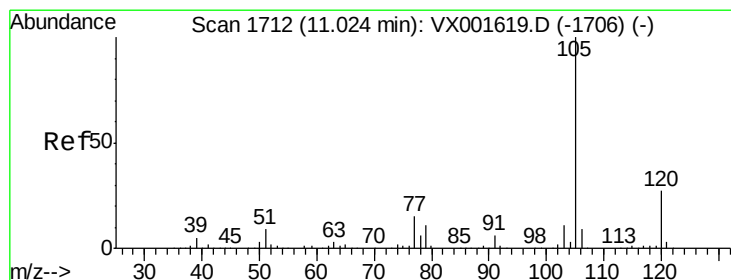
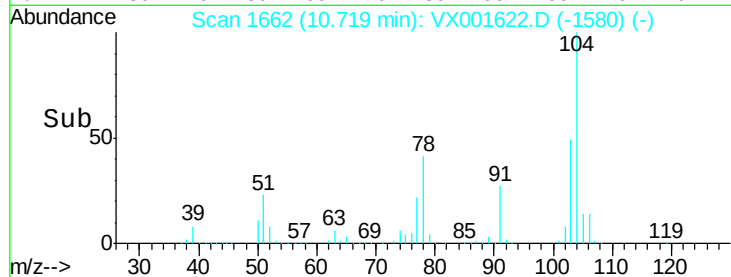
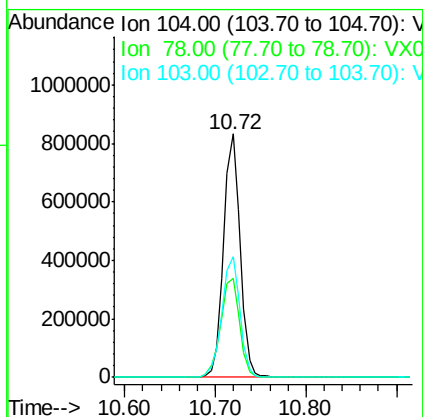
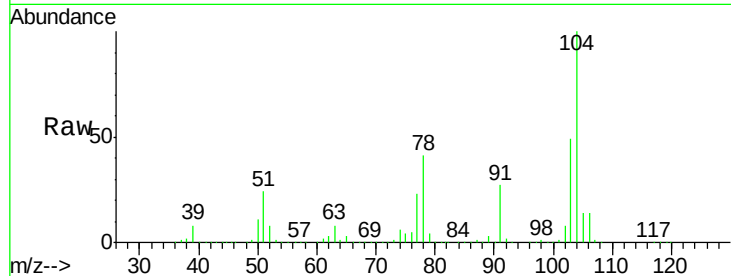




#69
Styrene
Concen: 105.46 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

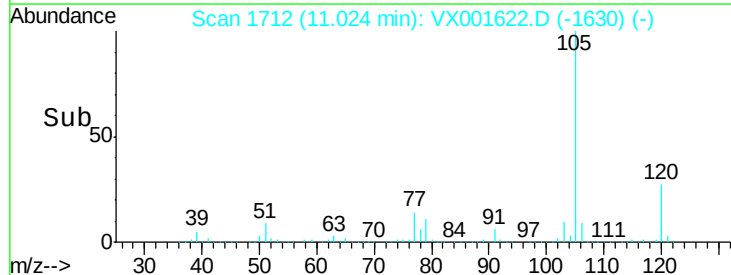
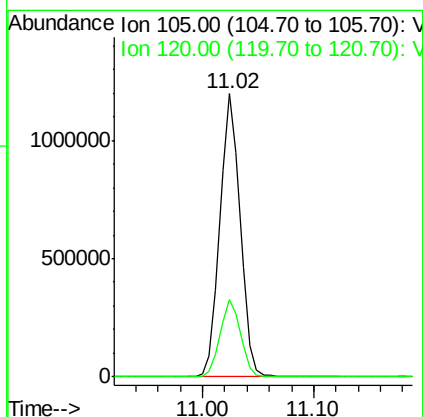
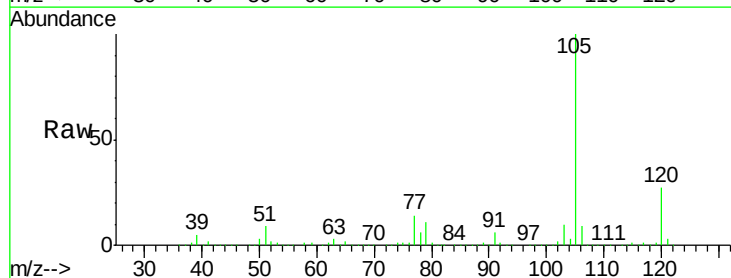
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

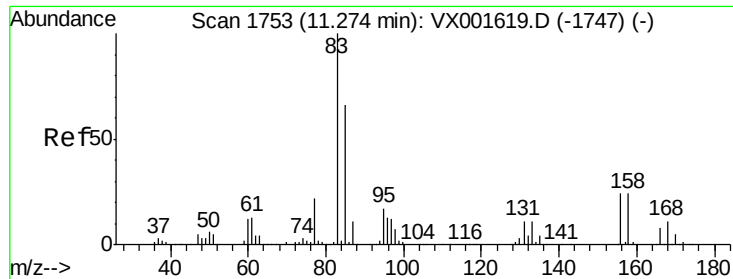
Tgt Ion:104 Resp: 1060628
Ion Ratio Lower Upper
104 100
78 46.6 39.3 58.9
103 54.2 43.7 65.5



#70
Isopropylbenzene
Concen: 92.65 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion:105 Resp: 1512722
Ion Ratio Lower Upper
105 100
120 27.4 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 117.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

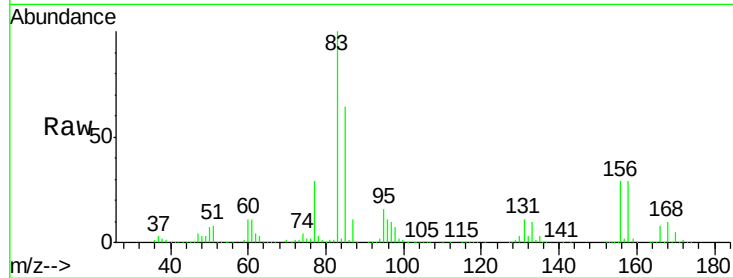
Tgt Ion: 83 Resp: 574131

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

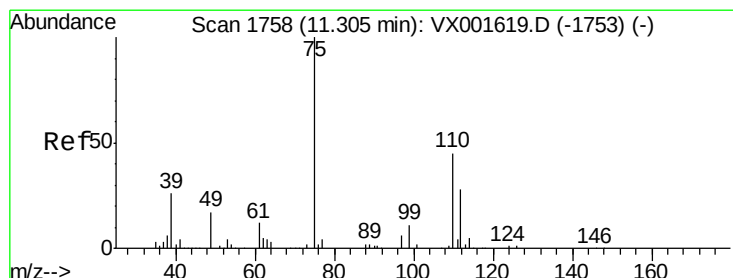
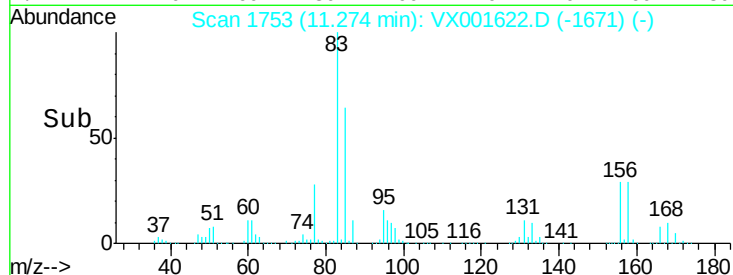
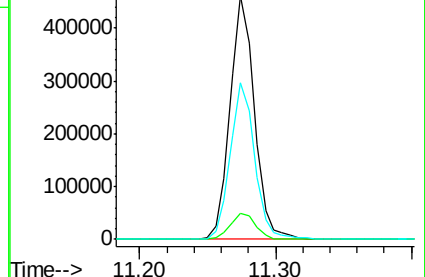
85 64.3 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 155.46 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001622.D

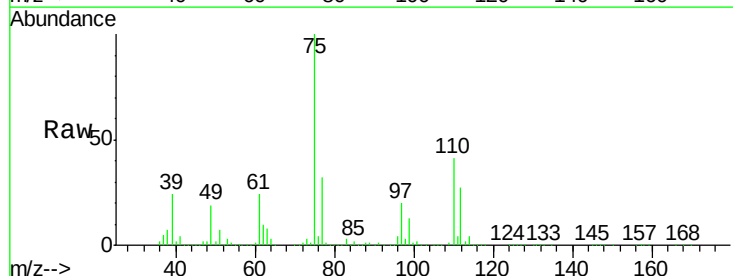
Acq: 11 May 2018 00:49

Tgt Ion: 75 Resp: 686684

Ion Ratio Lower Upper

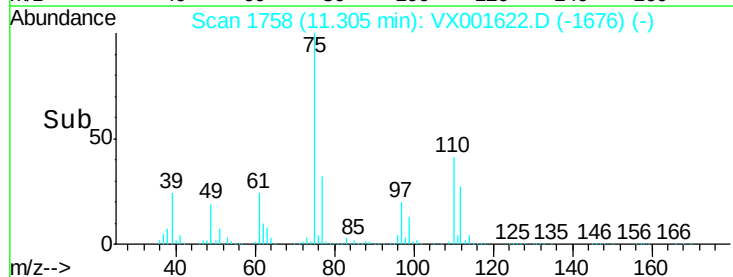
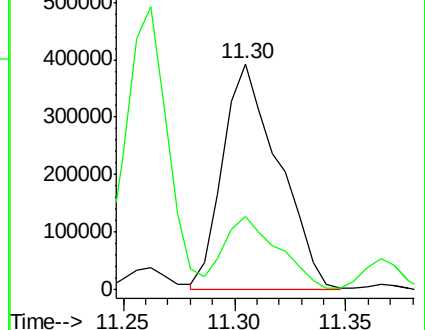
75 100

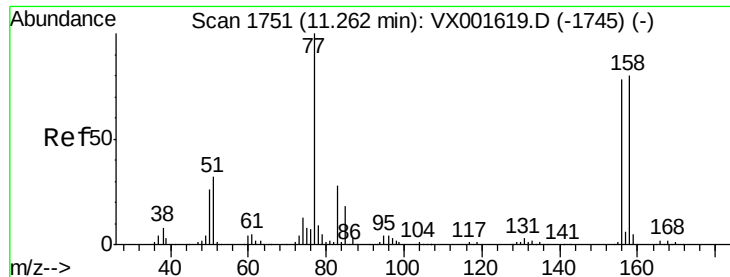
77 29.8 0.0 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 102.91 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

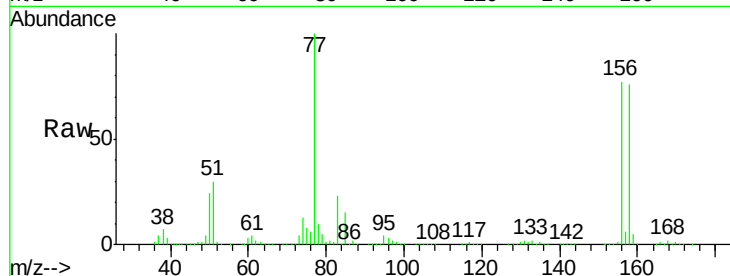
Tgt Ion:156 Resp: 490846

Ion Ratio Lower Upper

156 100

77 131.3 0.0 266.4

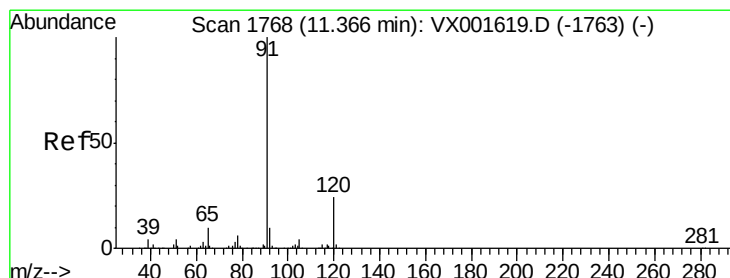
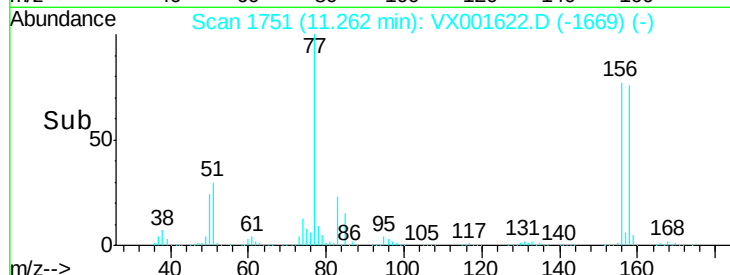
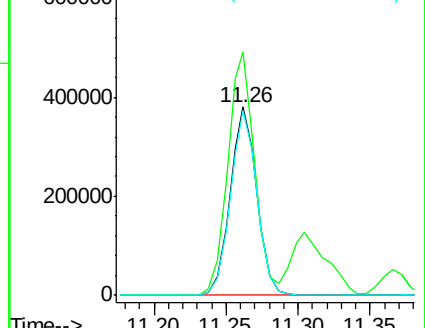
158 98.3 0.0 194.4



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: 91.09 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001622.D

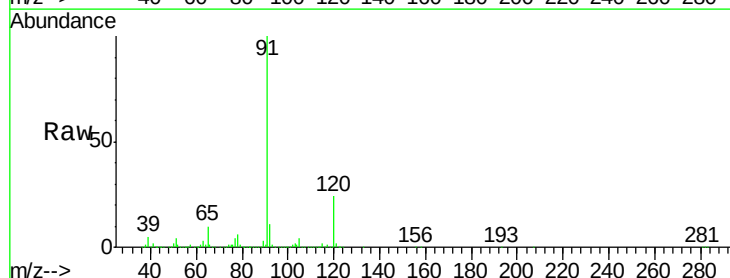
Acq: 11 May 2018 00:49

Tgt Ion: 91 Resp: 1675750

Ion Ratio Lower Upper

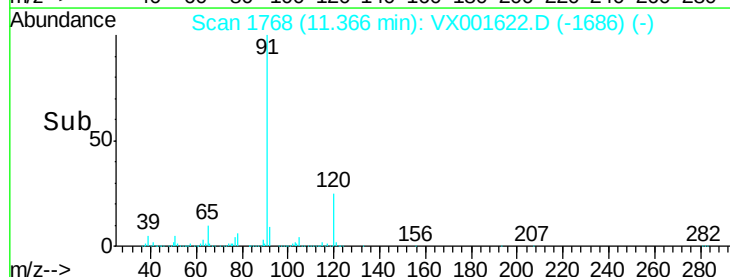
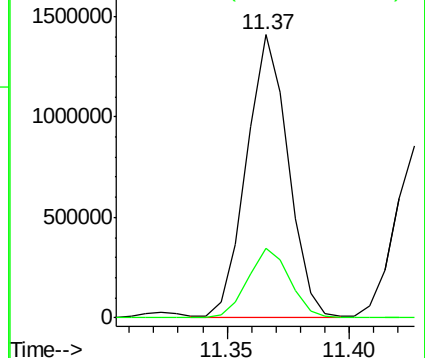
91 100

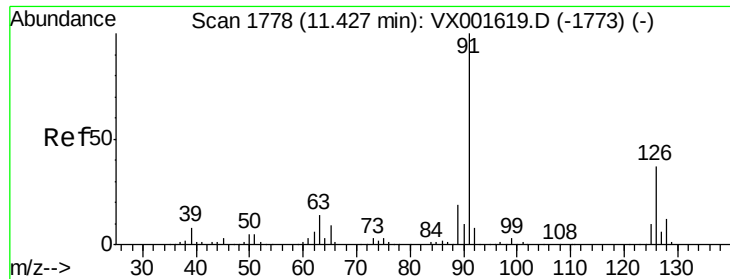
120 24.5 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 95.37 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

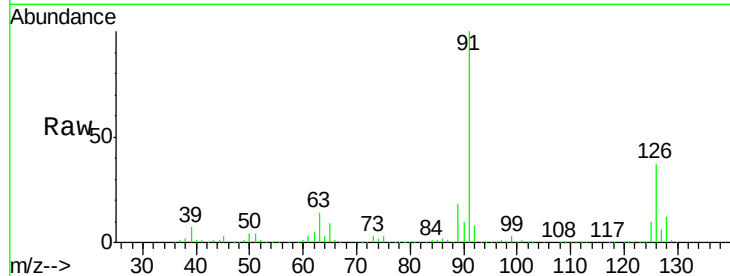
VSTDIC150

Tgt Ion: 91 Resp: 1066719

Ion Ratio Lower Upper

91 100

126 36.9 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)

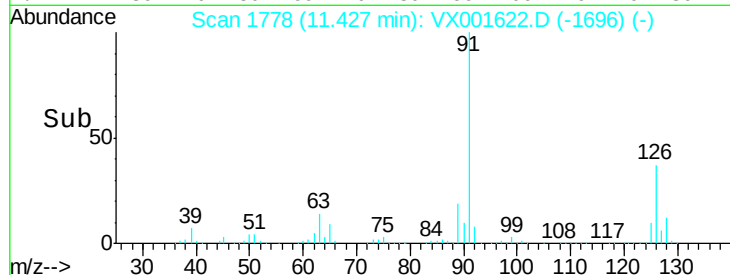
1500000

1000000

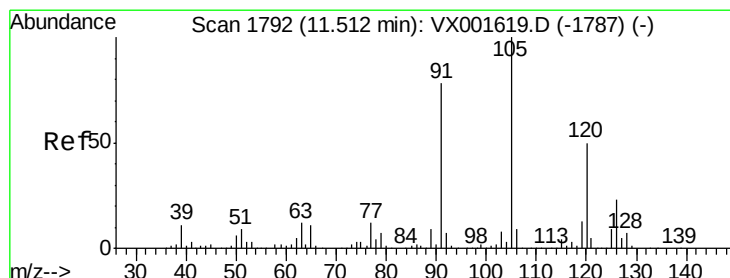
500000

0

11.40 11.43 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 93.02 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001622.D

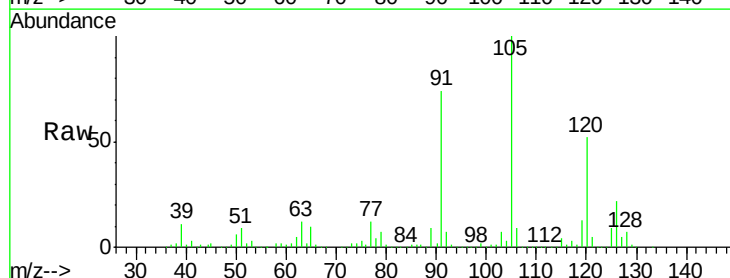
Acq: 11 May 2018 00:49

Tgt Ion: 105 Resp: 1293975

Ion Ratio Lower Upper

105 100

120 51.7 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)

1200000

1000000

800000

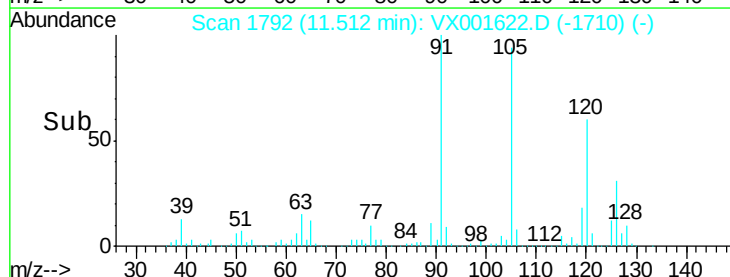
600000

400000

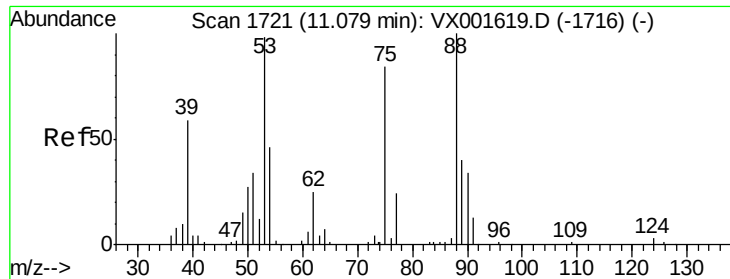
200000

0

11.45 11.50 11.55



Time-->

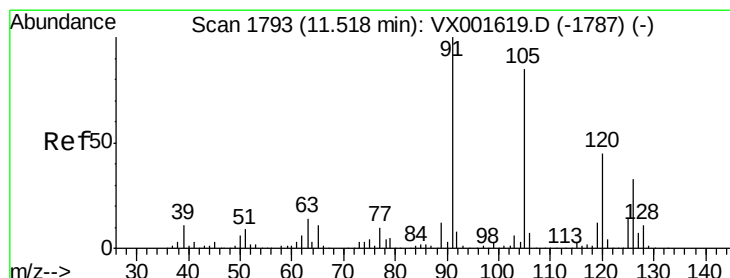
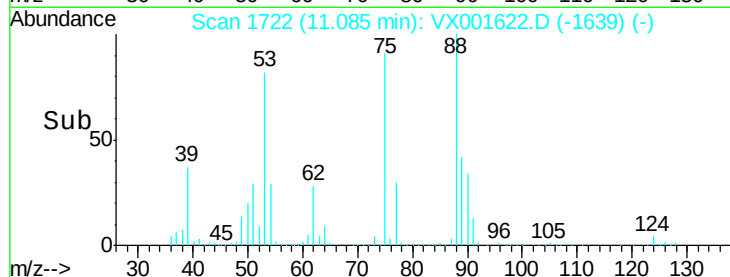
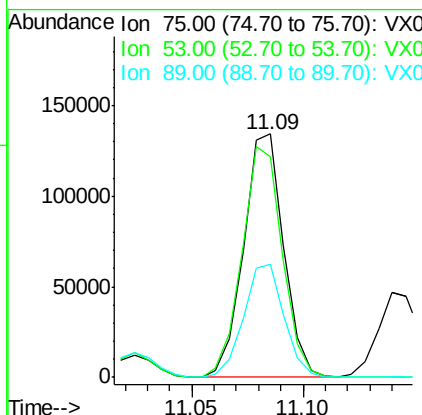
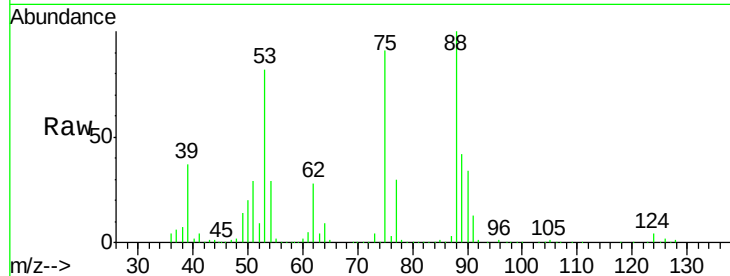


#77
t-1,4-Dichloro-2-butene
Concen: 129.75 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 168847

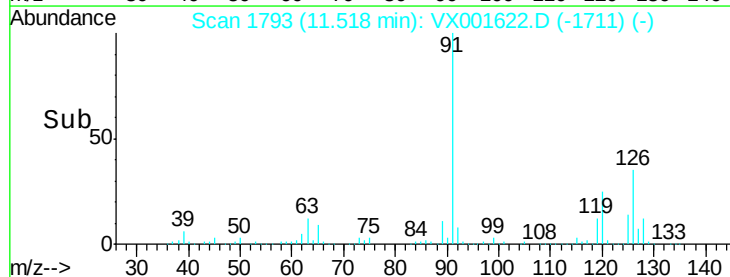
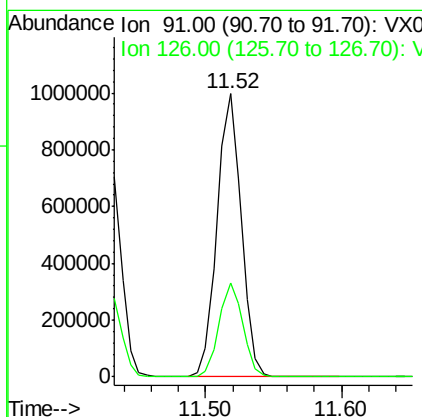
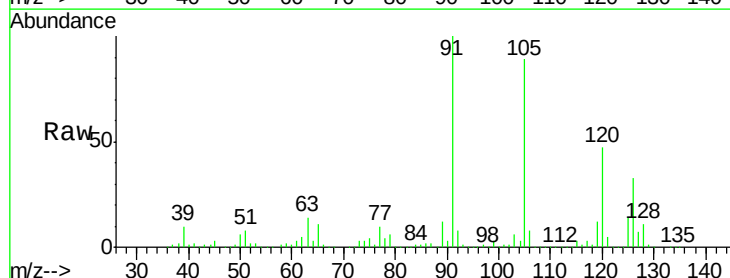
Ion	Ratio	Lower	Upper
75	100		
53	90.3	58.3	174.8
89	46.4	23.9	71.8

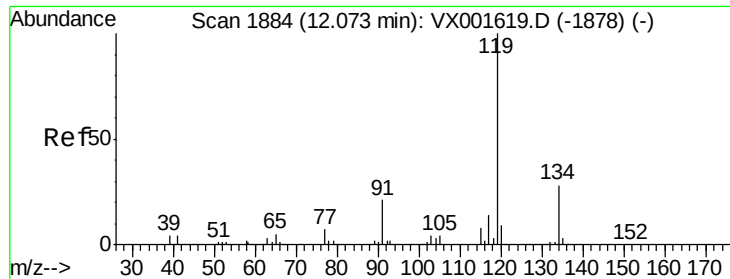


#78
4-Chlorotoluene
Concen: 93.22 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion: 91 Resp: 1231122

Ion	Ratio	Lower	Upper
91	100		
126	32.7	0.0	64.8

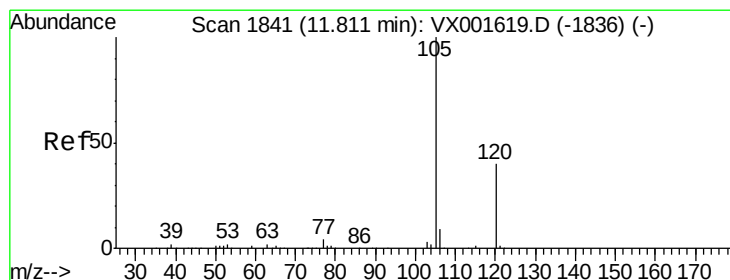
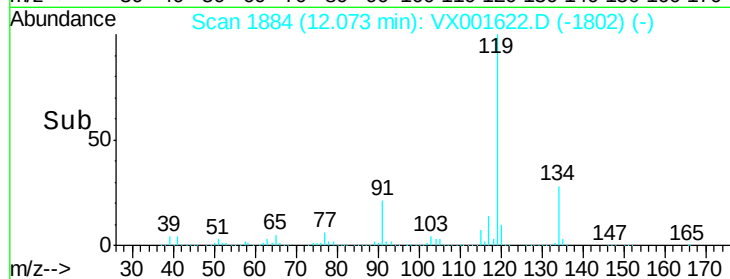
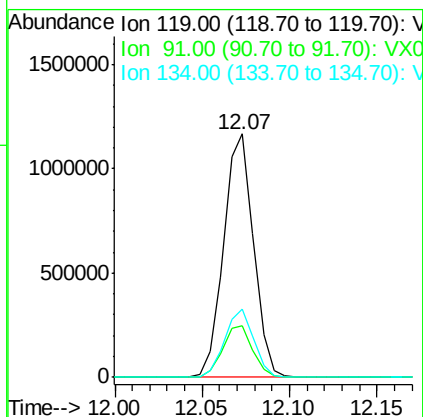
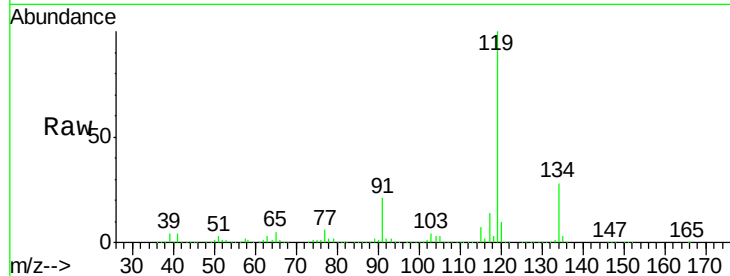




#79
tert-butylbenzene
Concen: 93.10 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

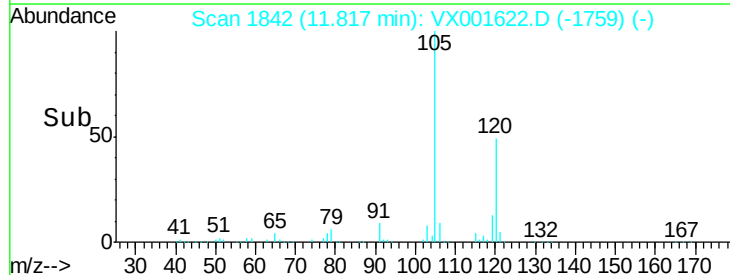
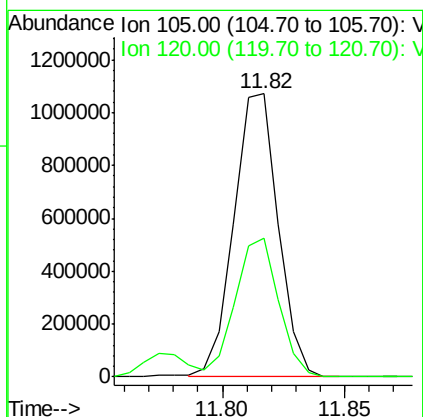
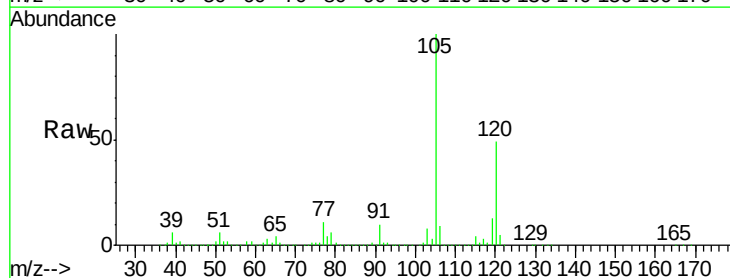
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

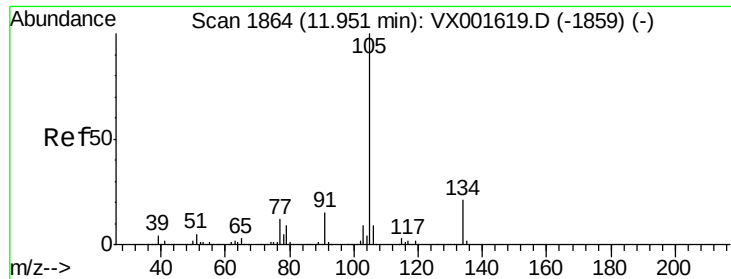
Tgt Ion:119 Resp: 1383893
Ion Ratio Lower Upper
119 100
91 21.3 0.0 44.0
134 27.3 0.0 53.8



#80
1,2,4-Trimethylbenzene
Concen: 95.64 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion:105 Resp: 1350725
Ion Ratio Lower Upper
105 100
120 47.5 0.0 94.0





#81

sec-Butylbenzene

Concen: 91.31 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

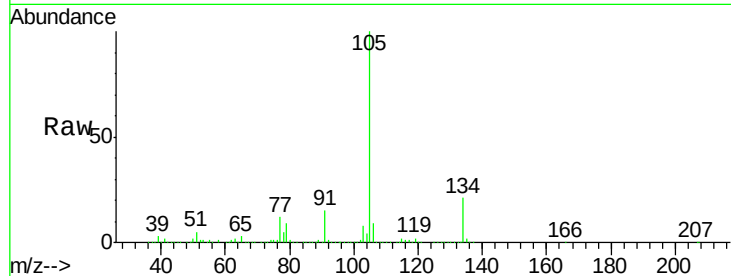
VSTDIC150

Tgt Ion:105 Resp: 1472771

Ion Ratio Lower Upper

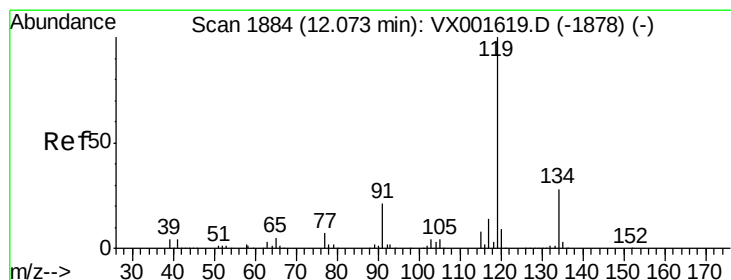
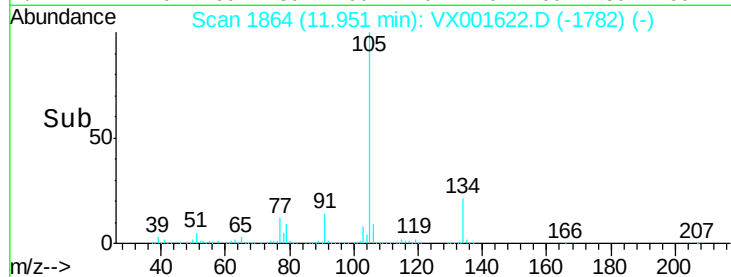
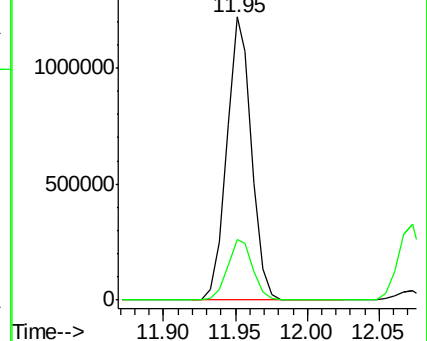
105 100

134 21.7 0.0 43.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 93.10 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

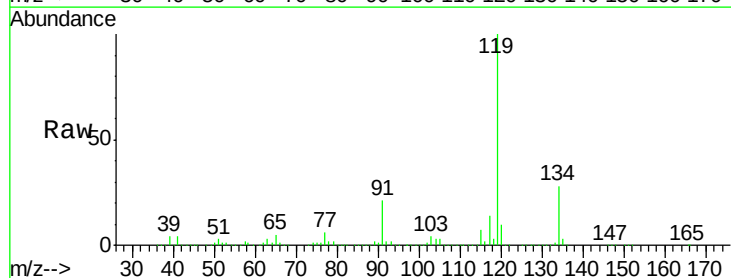
Tgt Ion:119 Resp: 1383893

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.8

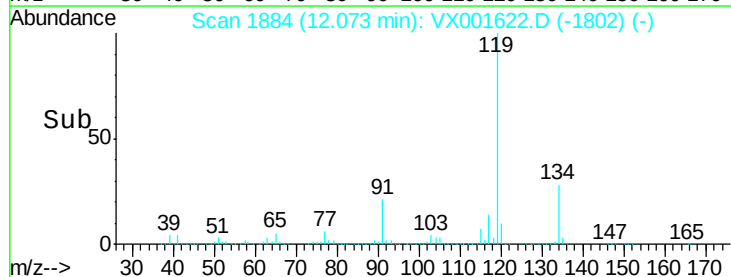
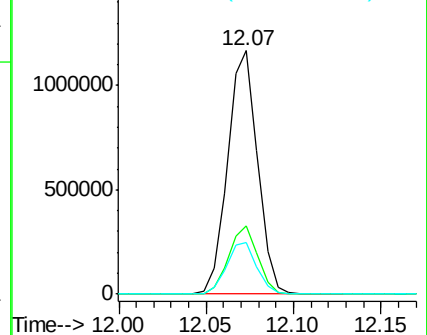
91 21.3 0.0 44.0

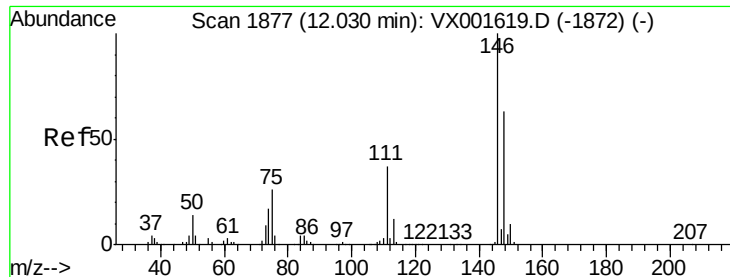


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

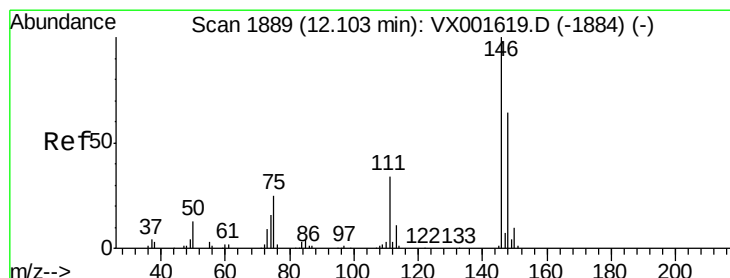
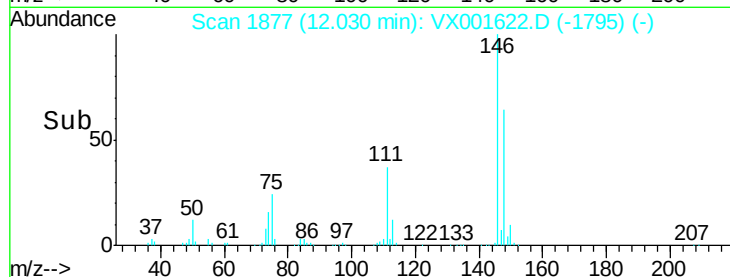
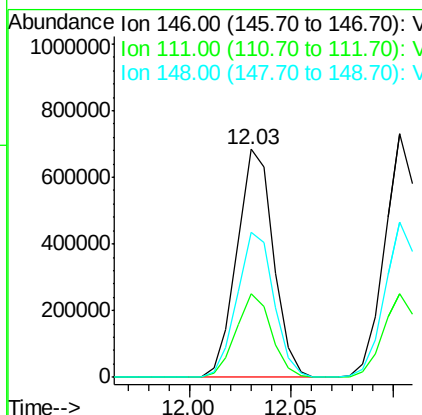
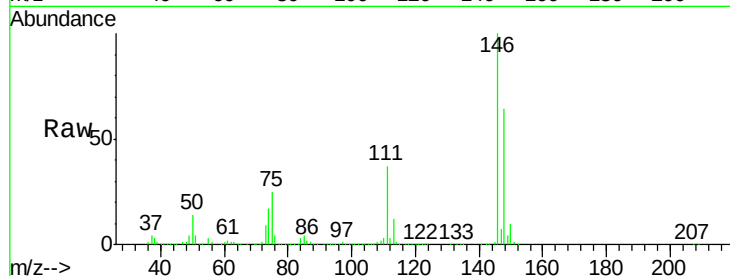




#83
 1,3-Dichlorobenzene
 Concen: 98.11 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

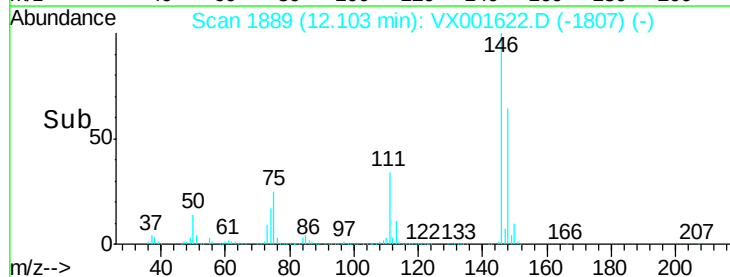
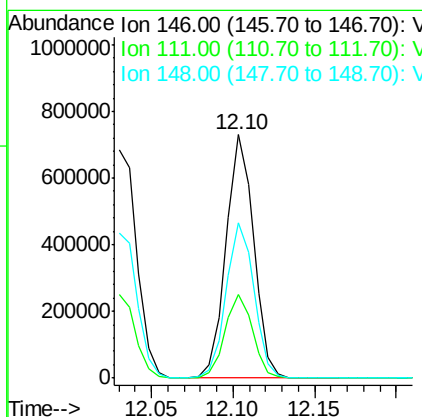
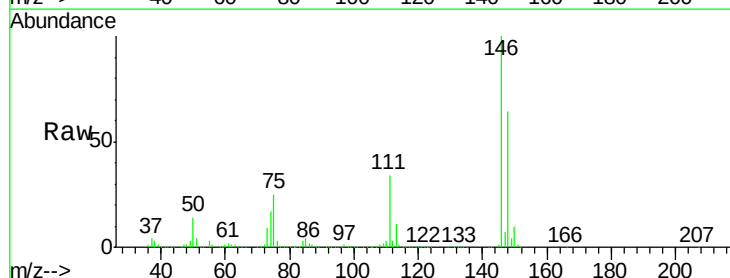
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

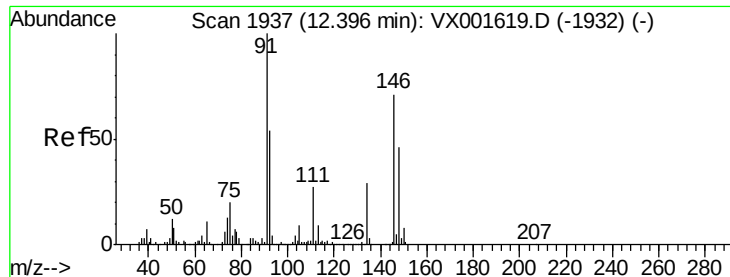
Tgt Ion:146 Resp: 847390
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.3 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 98.03 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion:146 Resp: 859596
 Ion Ratio Lower Upper
 146 100
 111 34.2 17.4 52.3
 148 64.2 32.5 97.4





#85

n-Butylbenzene

Concen: 89.05 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001622.D

Acq: 11 May 2018 00:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

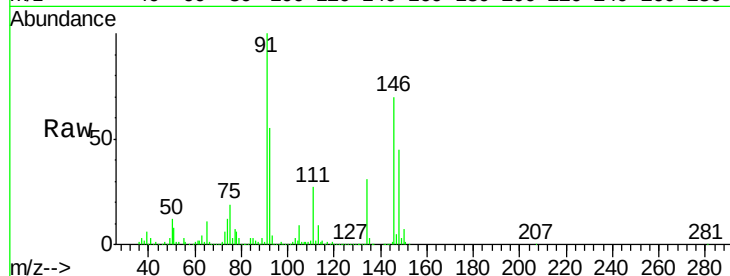
Tgt Ion: 91 Resp: 1129392

Ion Ratio Lower Upper

91 100

92 55.0 0.0 107.8

134 29.6 0.0 56.8

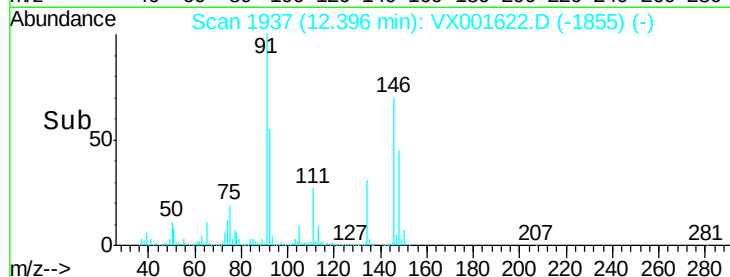


Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1932) (-)

Ion 92.00 (91.70 to 92.70): VX001619.D (-1932) (-)

Ion 134.00 (133.70 to 134.70): VX001619.D (-1932) (-)

Time-->

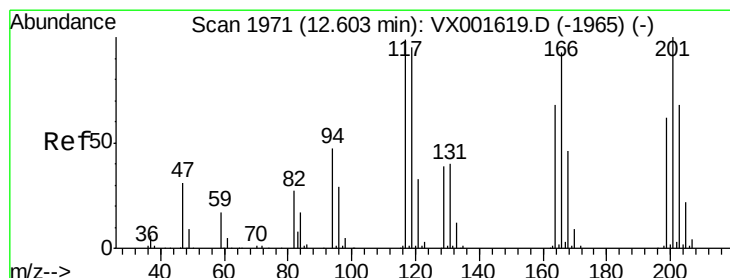


Abundance Ion 91.00 (90.70 to 91.70): VX001622.D (-1855) (-)

Ion 92.00 (91.70 to 92.70): VX001622.D (-1855) (-)

Ion 134.00 (133.70 to 134.70): VX001622.D (-1855) (-)

Time-->



#86

Hexachloroethane

Concen: 102.63 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001622.D

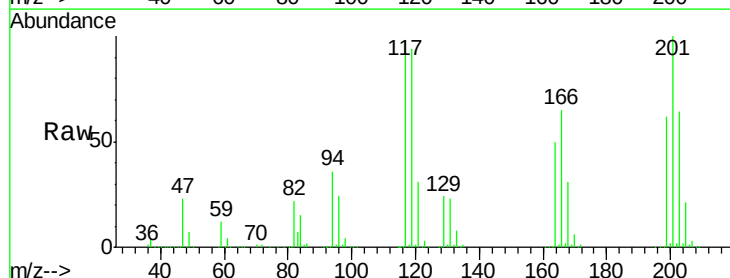
Acq: 11 May 2018 00:49

Tgt Ion: 117 Resp: 234772

Ion Ratio Lower Upper

117 100

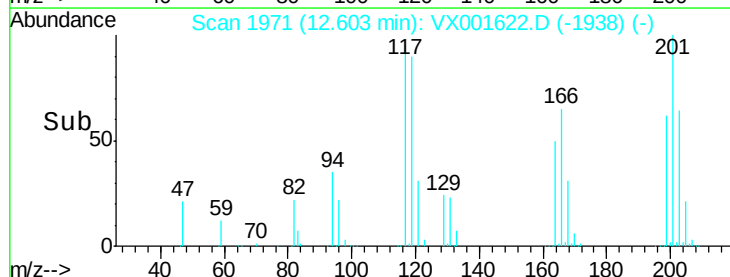
201 103.8 50.1 150.3



Abundance Ion 117.00 (116.70 to 117.70): VX001619.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX001619.D (-1965) (-)

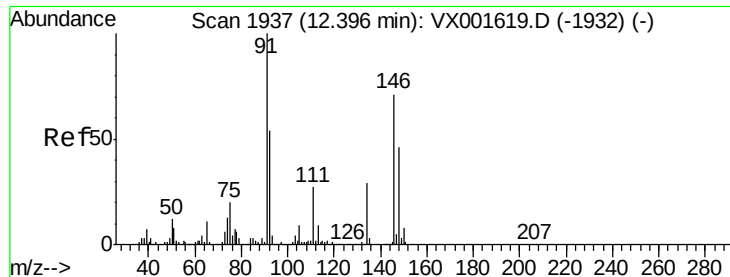
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX001622.D (-1938) (-)

Ion 201.00 (200.70 to 201.70): VX001622.D (-1938) (-)

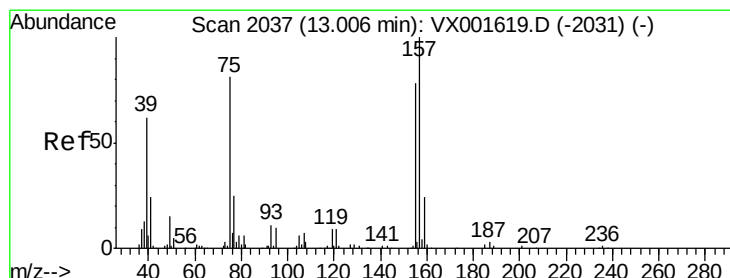
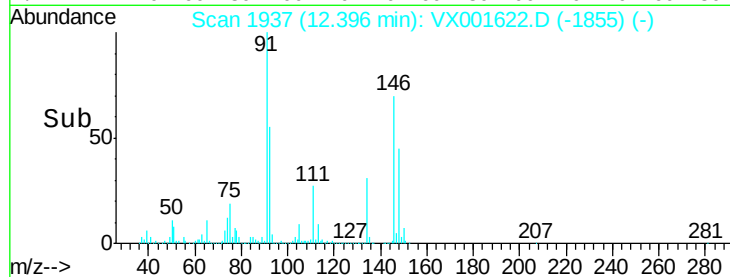
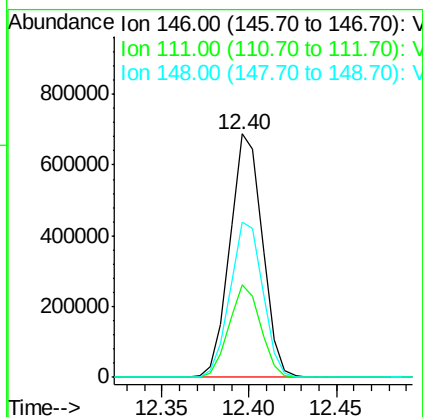
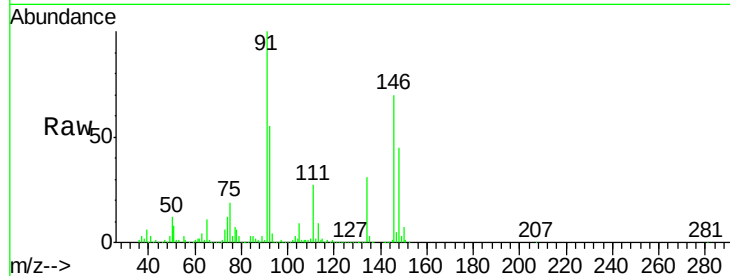
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 103.04 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

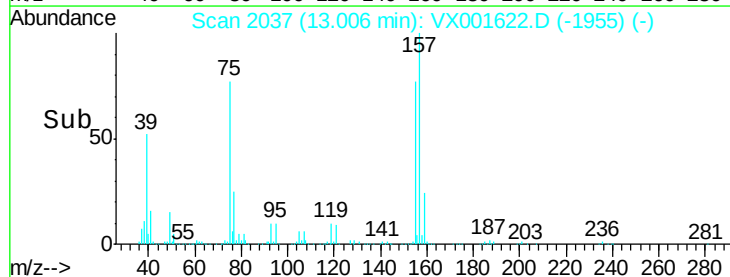
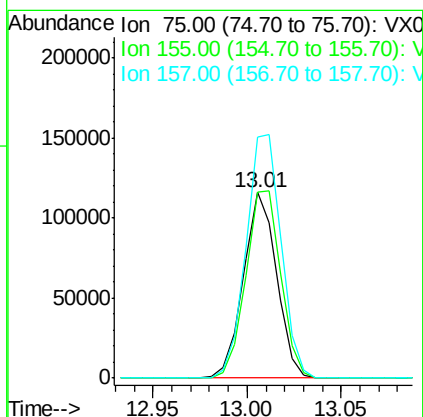
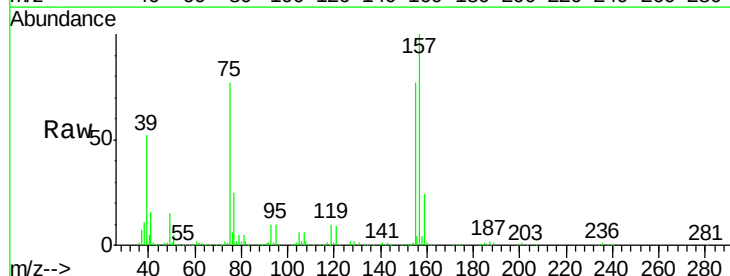
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

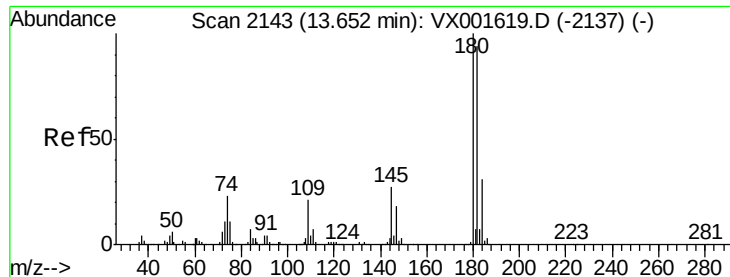
Tgt Ion:146 Resp: 890642
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 64.3 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 135.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion: 75 Resp: 141650
 Ion Ratio Lower Upper
 75 100
 155 106.6 79.8 119.8
 157 138.5 105.4 158.2

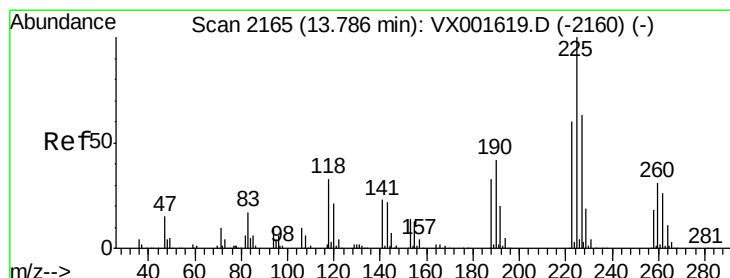
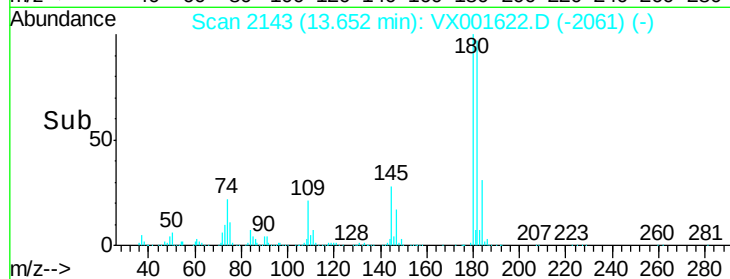
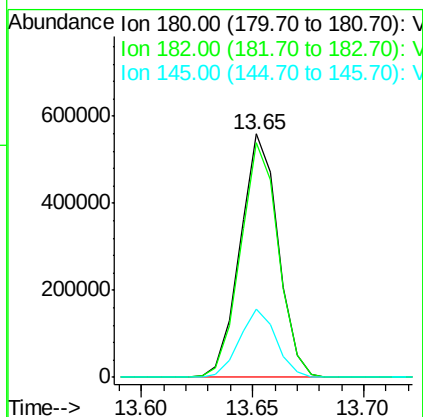
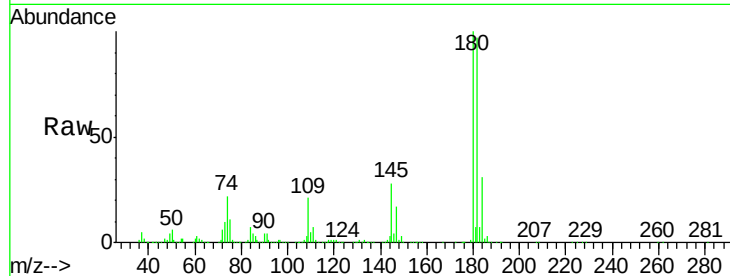




#89
 1,2,4-Trichlorobenzene
 Concen: 102.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

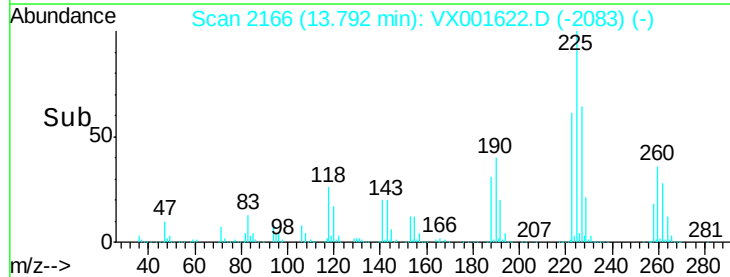
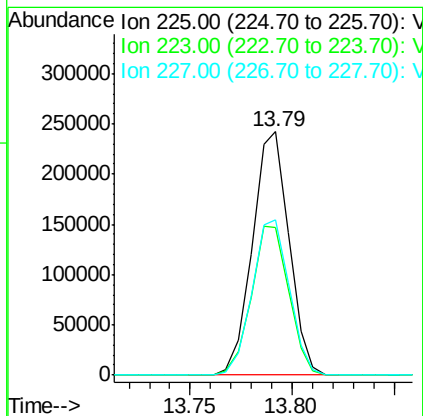
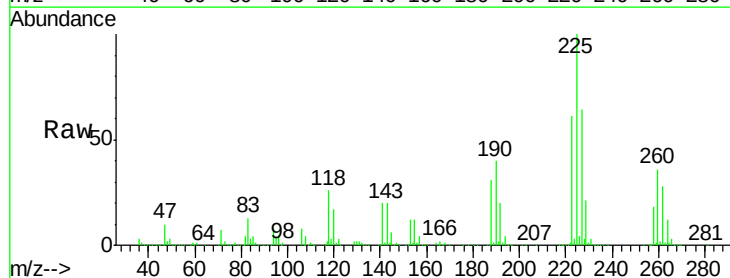
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

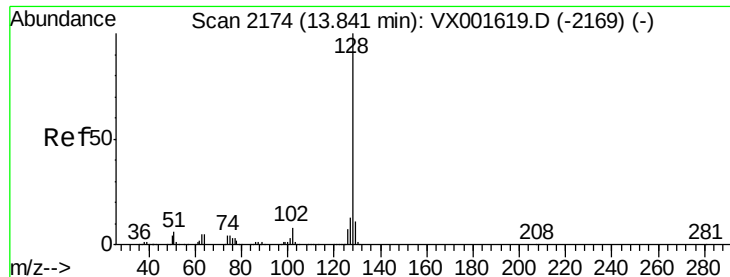
Tgt Ion:180 Resp: 663907
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 115.0
 145 27.2 21.5 32.3



#90
 Hexachlorobutadiene
 Concen: 98.11 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001622.D
 Acq: 11 May 2018 00:49

Tgt Ion:225 Resp: 303578
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 120.2
 227 64.6 0.0 126.6

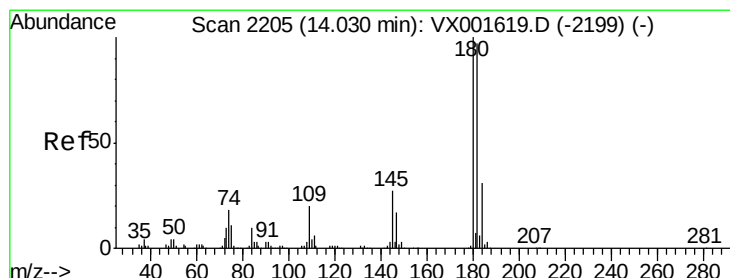
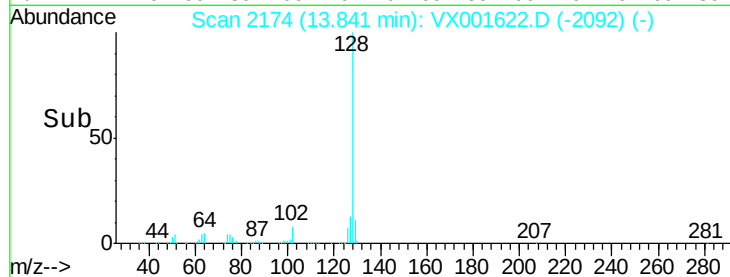
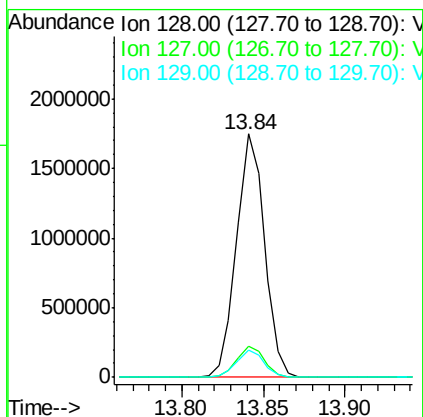
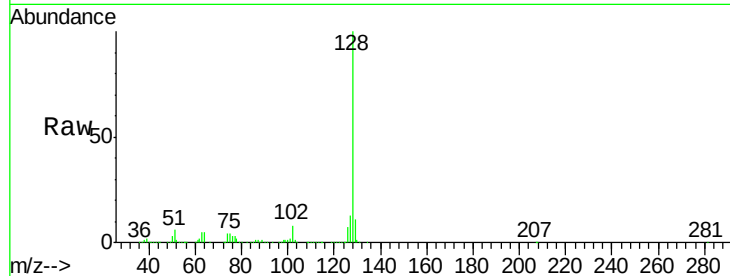




#91
Naphthalene
Concen: 122.34 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2100432
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 107.66 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX001622.D
Acq: 11 May 2018 00:49

Tgt Ion:180 Resp: 695860
Ion Ratio Lower Upper
180 100
182 96.7 0.0 192.2
145 28.3 0.0 56.0

