

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007503.D
 Acq On : 13 Feb 2019 00:22
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 13 07:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	74203	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	411491	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	359024	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	146494	30.12	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.40%
60) 4-Bromofluorobenzene	11.14	95	171241	31.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.40%
63) Toluene-d8	8.71	98	486303	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	565307	162.617 ug/l	99
3) Chloromethane	1.32	50	623596	162.158 ug/l	97
4) Vinyl Chloride	1.41	62	696741	160.895 ug/l	98
5) Bromomethane	1.64	94	644262	150.066 ug/l	99
6) Chloroethane	1.71	64	565620	194.047 ug/l	95
7) Trichlorofluoromethane	1.92	101	1135538	157.159 ug/l	98
8) Diethyl Ether	2.19	74	446636	162.287 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	629795	148.824 ug/l	98
10) 1,1-Dichloroethene	2.37	96	638845	163.516 ug/l	93
11) Methyl Iodide	2.51	142	997067	162.200 ug/l	100
12) Methyl Acetate	2.78	43	821482	129.664 ug/l	97
13) Acrolein	2.30	56	792885	1389.339 ug/l	97
14) Acrylonitrile	3.16	53	1971666	796.653 ug/l	99
15) Acetone	2.45	58	527888	759.865 ug/l	90
16) Carbon Disulfide	2.56	76	1790303	185.307 ug/l	99
17) Allyl chloride	2.73	41	1112853	165.351 ug/l	98
18) Methylene Chloride	2.85	84	689937	154.770 ug/l	96
19) trans-1,2-Dichloroethene	3.16	96	681152	161.749 ug/l	99
20) Diisopropyl ether	3.87	45	2026768	160.981 ug/l	97
21) 1,1-Dichloroethane	3.70	63	1122667	156.989 ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	742438	159.556 ug/l	99
23) tert-Butyl Alcohol	2.78	59	69577	67.199 ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	2210734	162.372 ug/l	99
25) Chloroform	5.22	83	1181418	159.101 ug/l	98
26) Cyclohexane	5.57	56	978062	161.215 ug/l #	100
29) 1,1-Dichloropropene	5.80	75	868125	159.308 ug/l	99
30) 2-Butanone	4.71	43	2496265	771.600 ug/l	99
31) 2,2-Dichloropropane	4.58	77	712130	134.239 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	1050943	162.347 ug/l	99
33) Carbon Tetrachloride	5.78	117	948452	166.485 ug/l	96
34) Benzene	6.14	78	2647225	156.933 ug/l #	97
35) Methacrylonitrile	5.06	41	530731	159.940 ug/l	98
36) 1,2-Dichloroethane	6.20	62	892320	153.720 ug/l	100
37) Trichloroethene	7.21	130	774882	156.459 ug/l	98
38) Methylcyclohexane	7.46	83	1020647	149.316 ug/l	99
39) 1,2-Dichloropropane	7.52	63	663807	156.826 ug/l	99
40) Dibromomethane	7.66	93	482241	157.202 ug/l	95

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 ClientSampleId :
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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	7.90	83	904359	168.420	ug/l	98
42) Vinyl Acetate	3.83	43	9129724	817.669	ug/l	99
43) Ethyl Acetate	4.86	43	964904	157.794	ug/l #	82
44) Isopropyl Acetate	6.46	43	1552291	163.280	ug/l	99
45) 1,4-Dioxane	7.76	88	363881	3183.696	ug/l	99
46) Methyl methacrylate	7.77	41	779021	161.202	ug/l	99
47) n-amyl Acetate	10.90	43	1462106	175.561	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	987332	170.692	ug/l	97
49) cis-1,3-Dichloropropene	8.44	75	1057843	164.358	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	688562	150.908	ug/l	96
51) Ethyl methacrylate	9.18	69	1044989	159.763	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1113585	152.144	ug/l	100
53) Dibromochloromethane	9.59	129	792891	171.571	ug/l	100
54) 1,2-Dibromoethane	9.67	107	762832	155.627	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	2715522	772.538	ug/l	100
56) Bromoform	10.86	173	637525	181.398	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	4955502	811.107	ug/l	99
59) 2-Hexanone	9.50	43	3869524	826.219	ug/l	99
61) Tetrachloroethene	9.34	164	748858	150.310	ug/l	97
62) Toluene	8.79	91	2948524	160.137	ug/l	99
64) Chlorobenzene	10.14	112	1900041	156.604	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	718708	166.267	ug/l	99
66) Ethyl Benzene	10.25	91	3183928	160.606	ug/l	99
67) m/p-Xylenes	10.36	106	2538692	325.180	ug/l	99
68) o-Xylene	10.70	106	1222646	159.817	ug/l	100
69) Styrene	10.71	104	2038141	165.074	ug/l	99
70) Isopropylbenzene	11.02	105	3251764	160.859	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	1067396	163.092	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	1235513	202.470	ug/l	89
73) Bromobenzene	11.26	156	882714	157.817	ug/l	99
74) n-propylbenzene	11.36	91	3668299	161.748	ug/l	100
75) 2-Chlorotoluene	11.42	91	2135172	158.525	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	2714099	161.553	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	332361	186.073	ug/l	82
78) 4-Chlorotoluene	11.51	91	2558828	164.130	ug/l	98
79) tert-butylbenzene	12.07	119	2906098	160.185	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	2730737	160.536	ug/l	100
81) sec-Butylbenzene	11.94	105	3246119	160.679	ug/l	99
82) p-Isopropyltoluene	12.07	119	2906098	160.185	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1582584	159.656	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	1594083	160.951	ug/l	98
85) n-Butylbenzene	12.39	91	2578941	166.445	ug/l	100
86) Hexachloroethane	12.60	117	522025	182.272	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	1593512	160.939	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	243336	181.940	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	1131467	168.134	ug/l	100
90) Hexachlorobutadiene	13.78	225	504954	157.574	ug/l	97
91) Naphthalene	13.83	128	3526247	171.397	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	1120175	167.682	ug/l	99

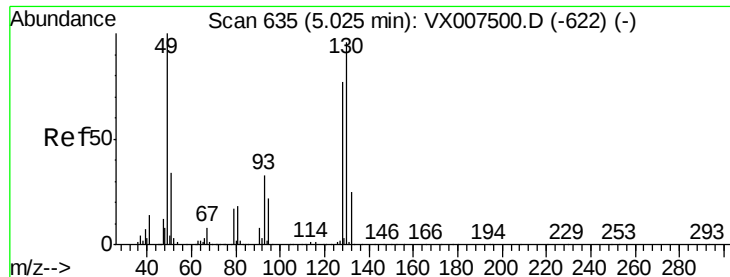
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
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Instrument :
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QLast Update : Wed Feb 13 07:08:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

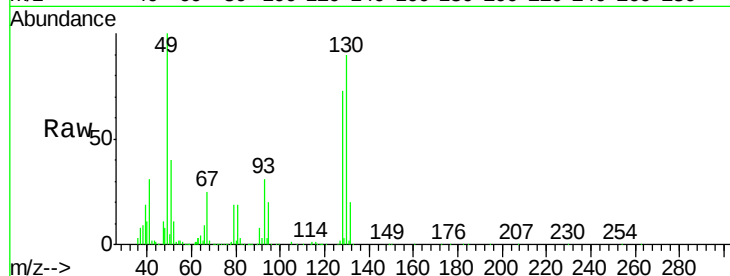
Tgt Ion:128 Resp: 74203

Ion Ratio Lower Upper

128 100

49 144.6 0.0 350.8

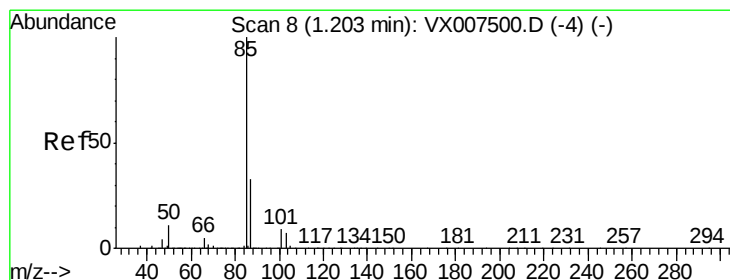
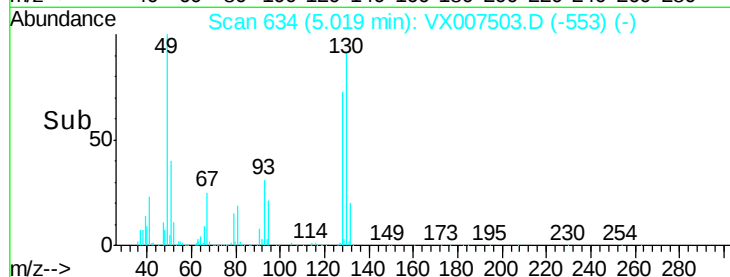
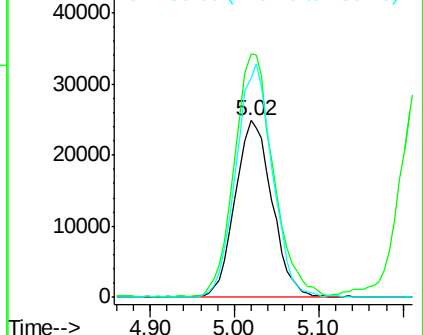
130 130.0 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 162.617 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007503.D

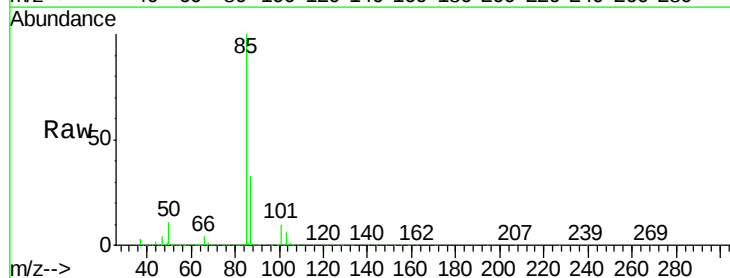
Acq: 13 Feb 2019 00:22

Tgt Ion: 85 Resp: 565307

Ion Ratio Lower Upper

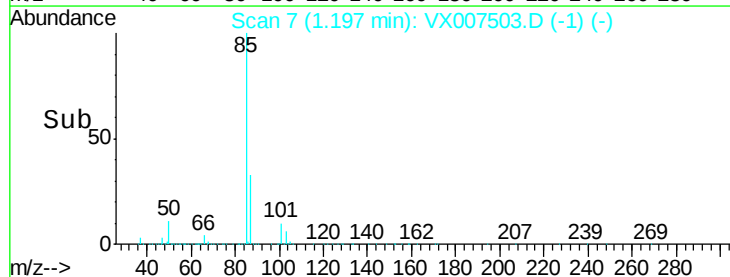
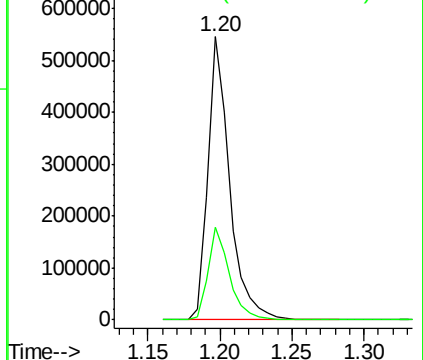
85 100

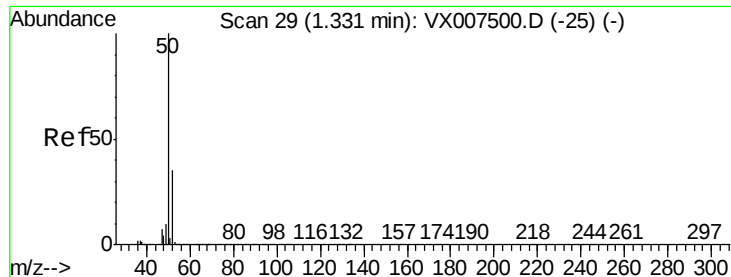
87 32.8 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

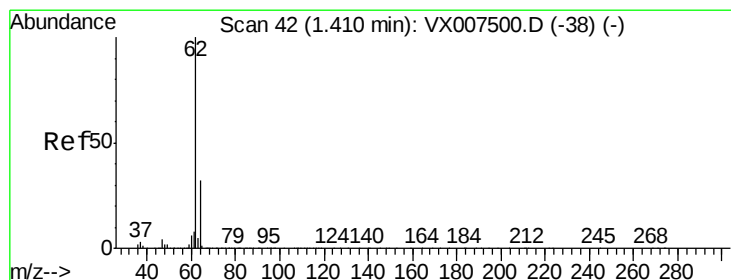
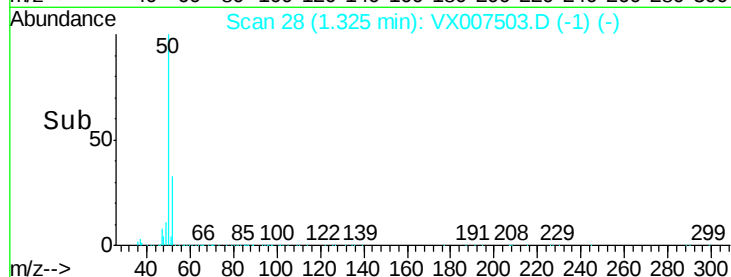
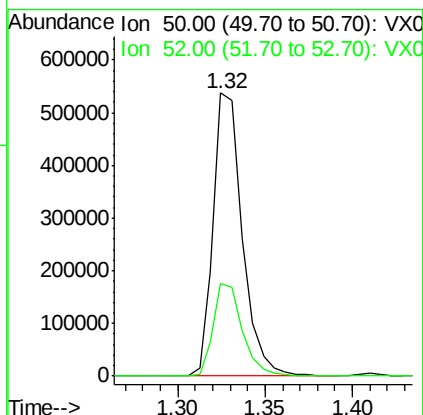
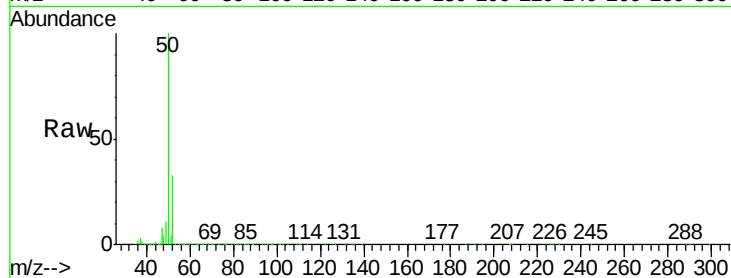




#3
Chloromethane
Concen: 162.158 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

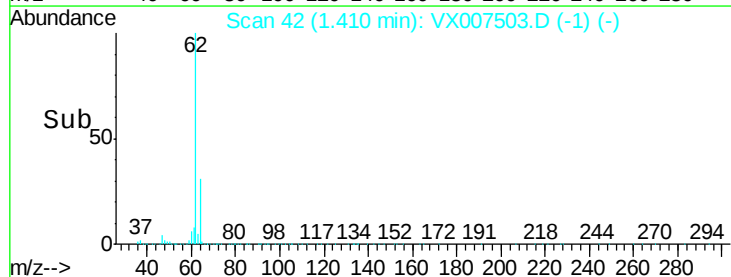
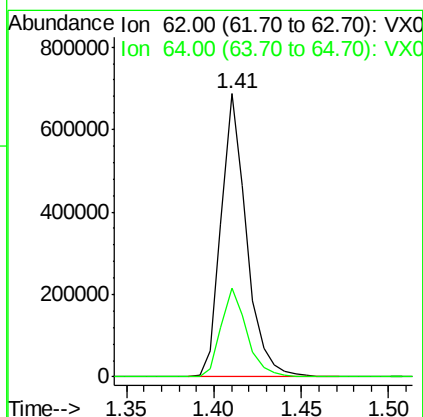
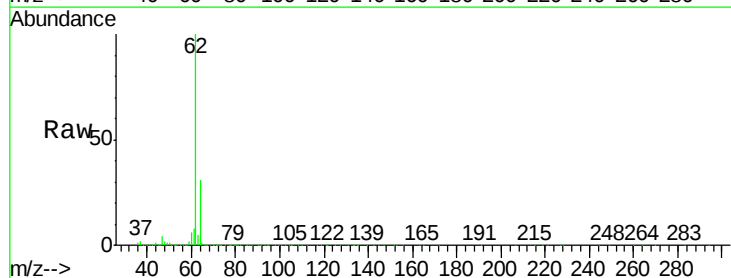
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

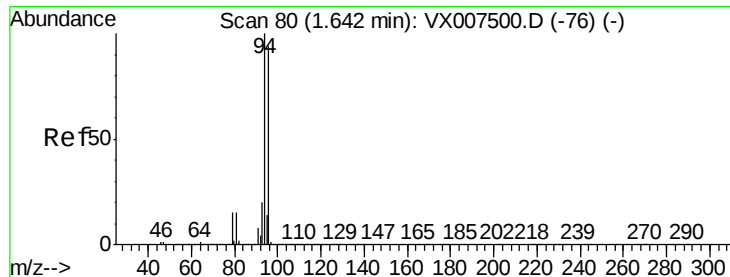
Tgt Ion: 50 Resp: 623596
Ion Ratio Lower Upper
50 100
52 32.7 27.5 41.3



#4
Vinyl Chloride
Concen: 160.895 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 62 Resp: 696741
Ion Ratio Lower Upper
62 100
64 31.4 25.9 38.9





#5

Bromomethane

Concen: 150.066 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

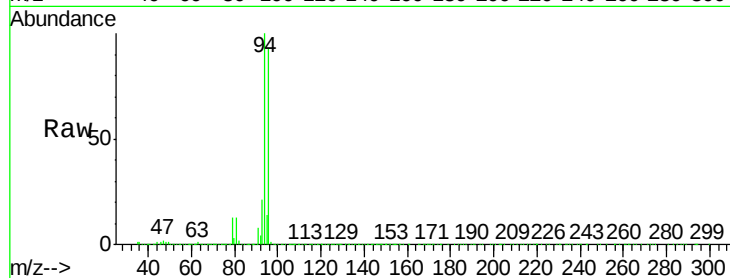
VSTDIC150

Tgt Ion: 94 Resp: 644262

Ion Ratio Lower Upper

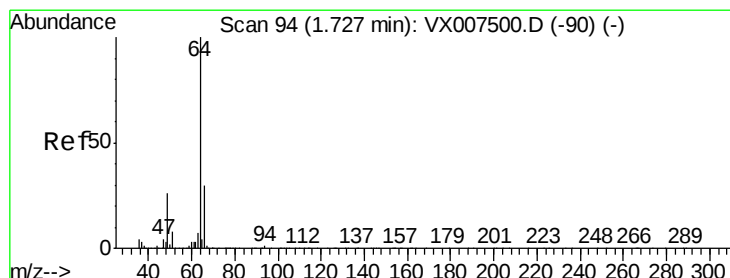
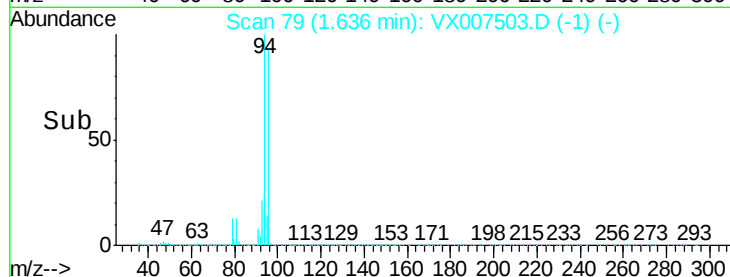
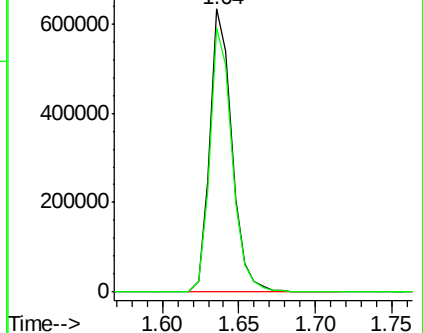
94 100

96 93.3 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 194.047 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.02 min

Lab File: VX007503.D

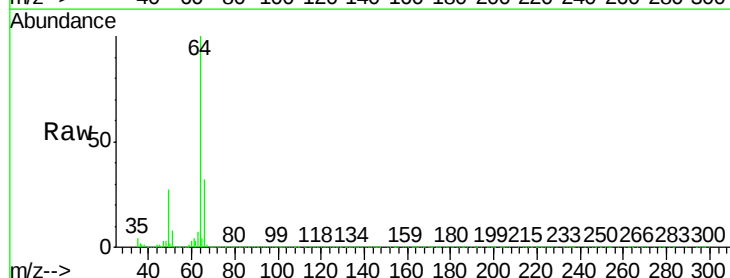
Acq: 13 Feb 2019 00:22

Tgt Ion: 64 Resp: 565620

Ion Ratio Lower Upper

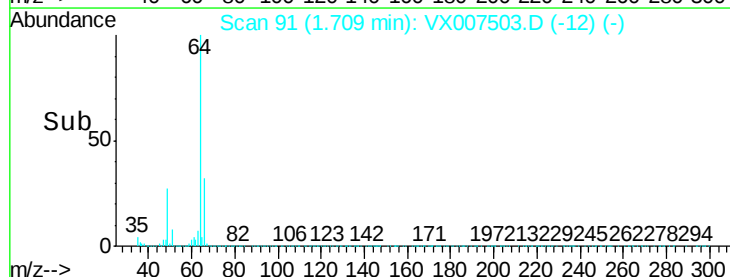
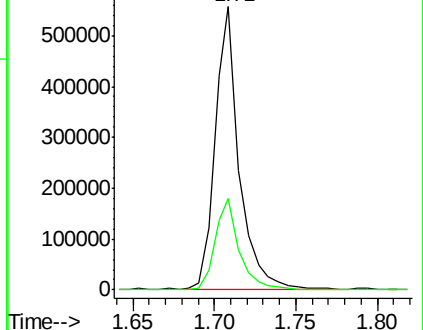
64 100

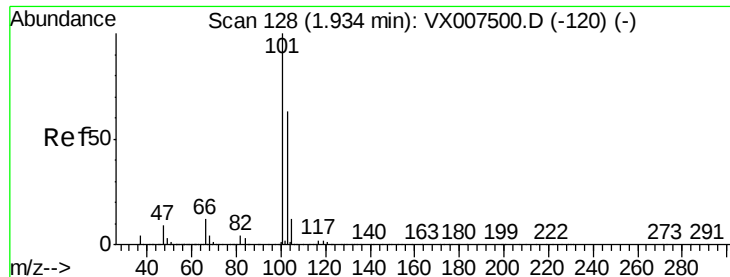
66 32.5 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



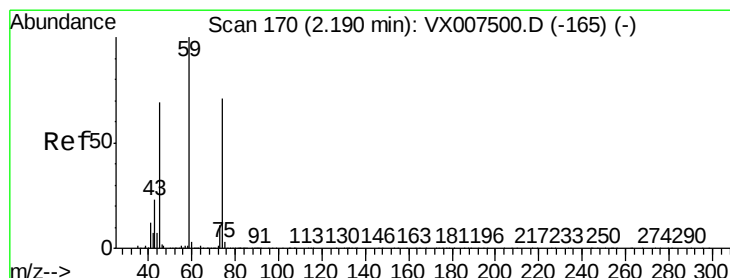
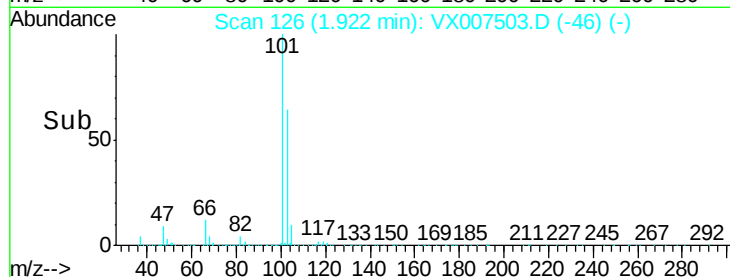
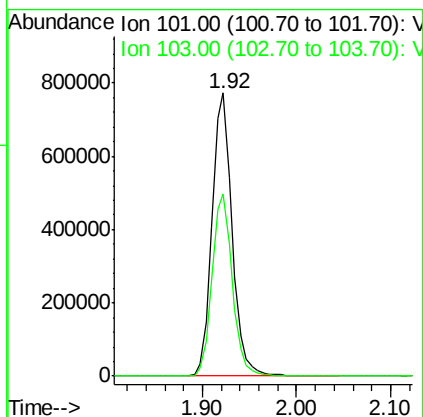
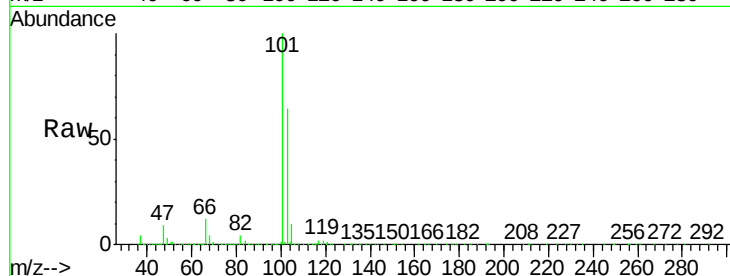


#7

Trichlorofluoromethane
 Concen: 157.159 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

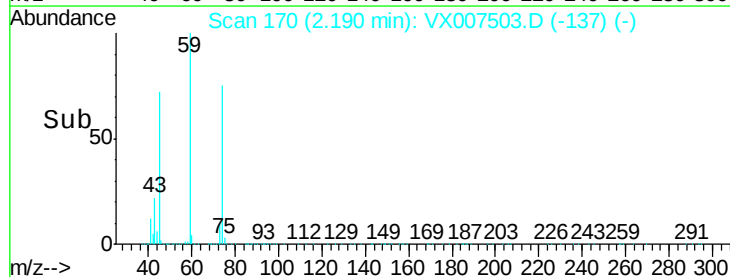
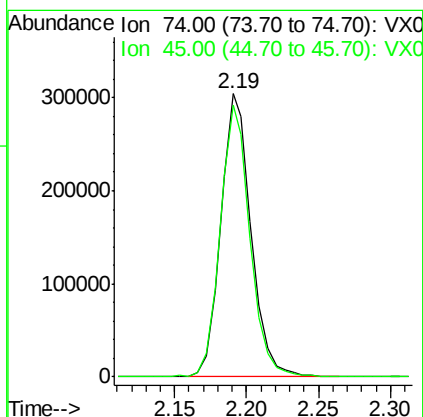
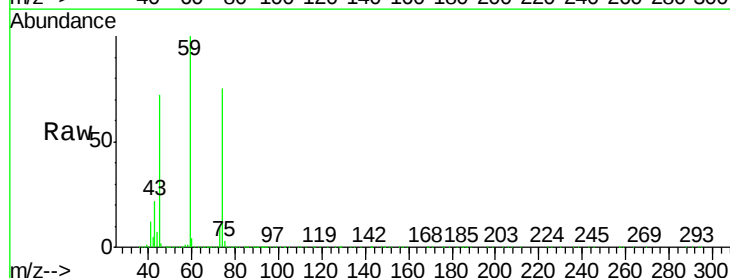
Tgt Ion:101 Resp: 1135538
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.4 75.6

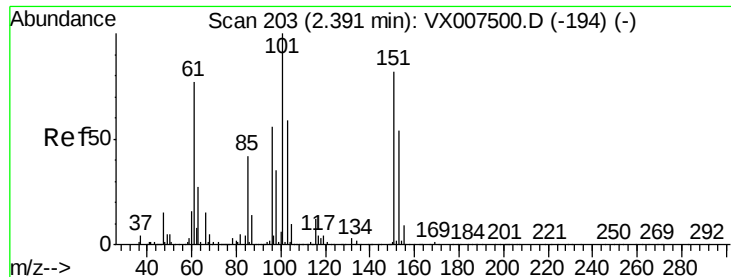


#8

Diethyl Ether
 Concen: 162.287 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 74 Resp: 446636
 Ion Ratio Lower Upper
 74 100
 45 94.5 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.824 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

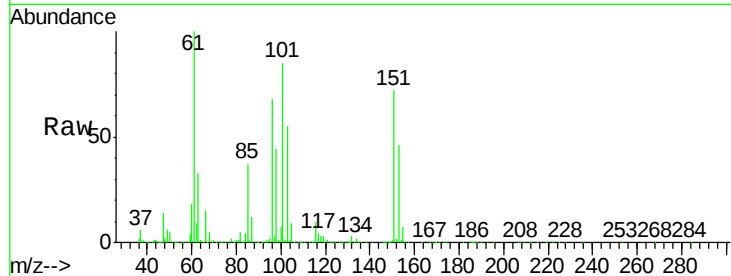
Tgt Ion: 101 Resp: 629795

Ion Ratio Lower Upper

101 100

85 44.1 0.0 86.8

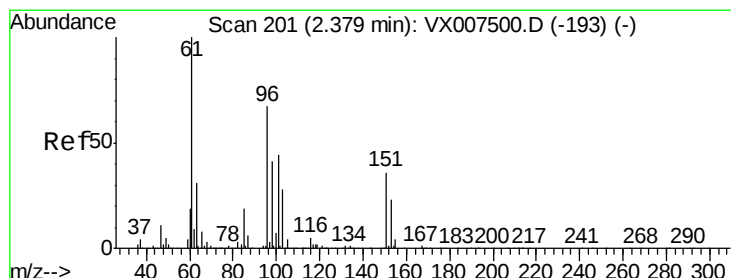
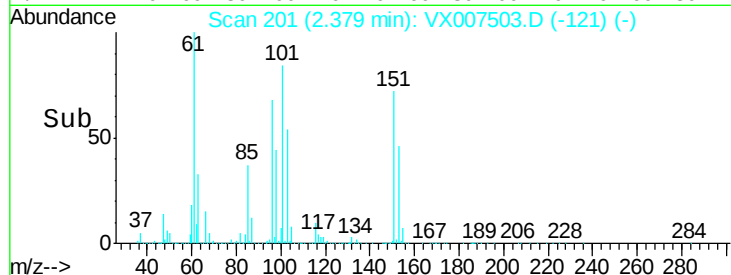
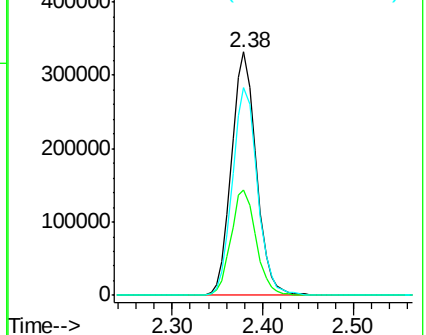
151 86.5 0.0 169.2



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: 163.516 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

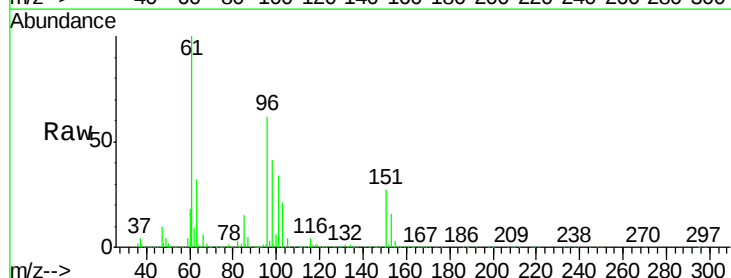
Tgt Ion: 96 Resp: 638845

Ion Ratio Lower Upper

96 100

61 160.6 120.2 180.2

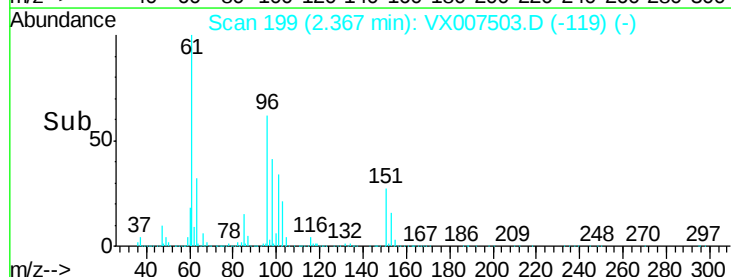
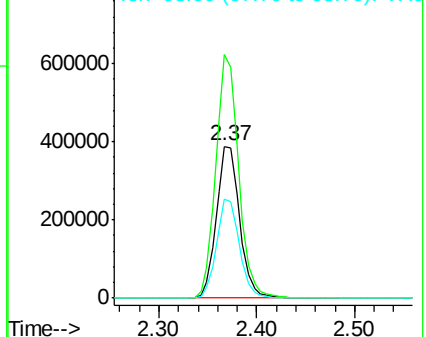
98 65.3 49.0 73.4

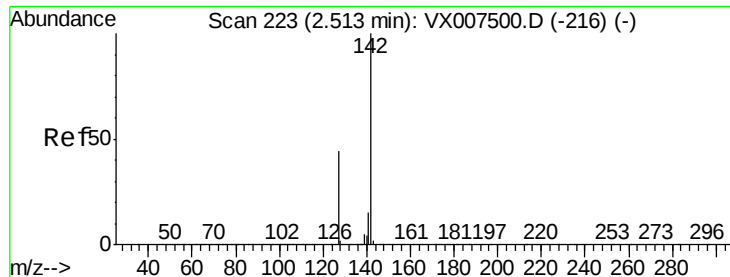


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

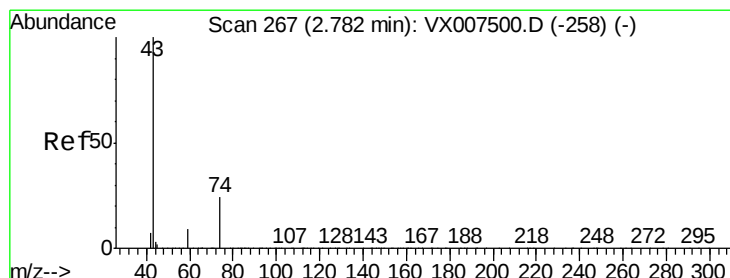
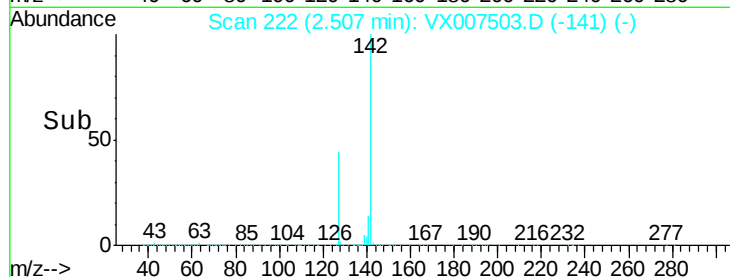
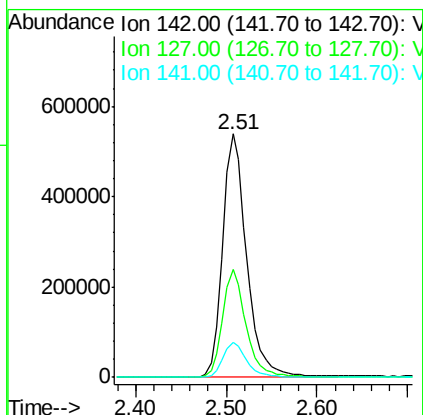
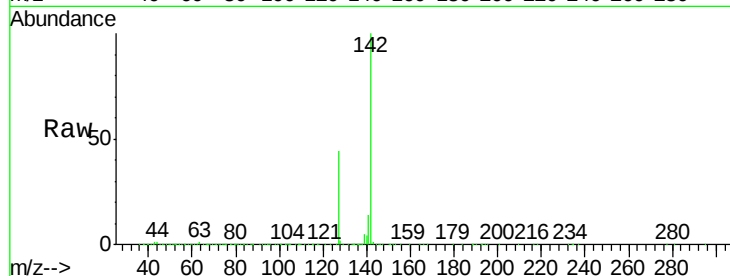




#11
Methyl Iodide
Concen: 162.200 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

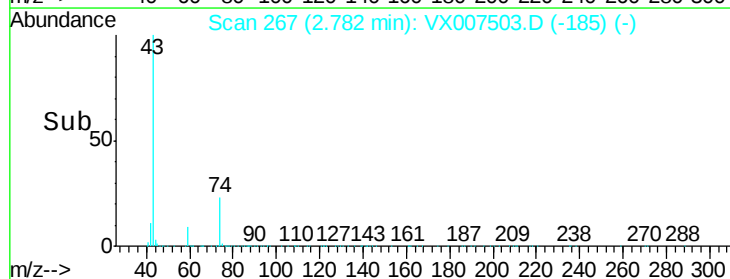
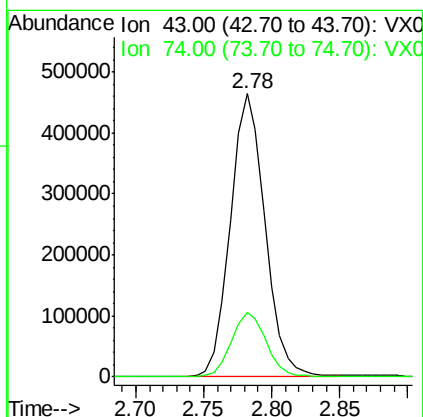
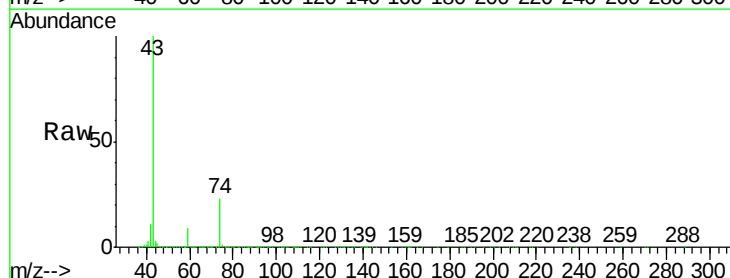
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

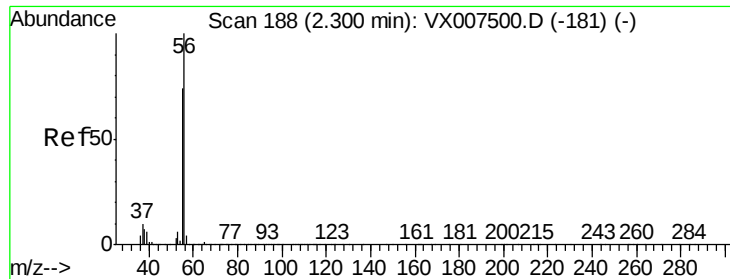
Tgt Ion: 142 Resp: 997067
Ion Ratio Lower Upper
142 100
127 44.3 22.1 66.5
141 14.3 7.4 22.3



#12
Methyl Acetate
Concen: 129.664 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 43 Resp: 821482
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.0

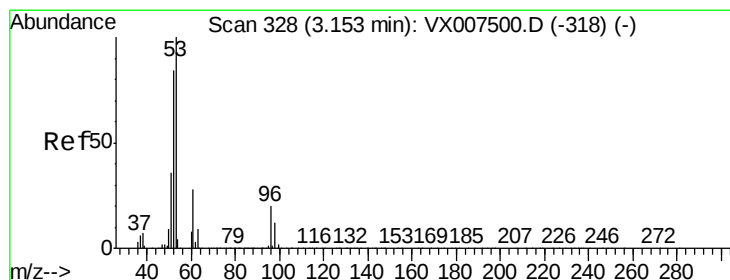
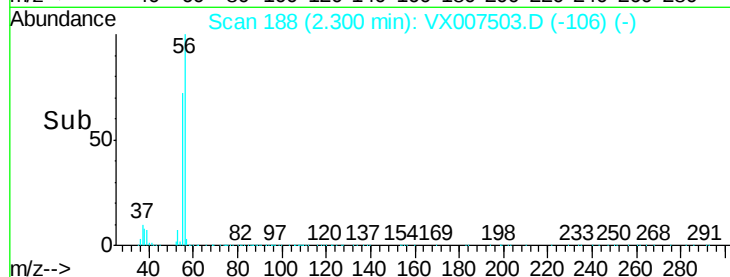
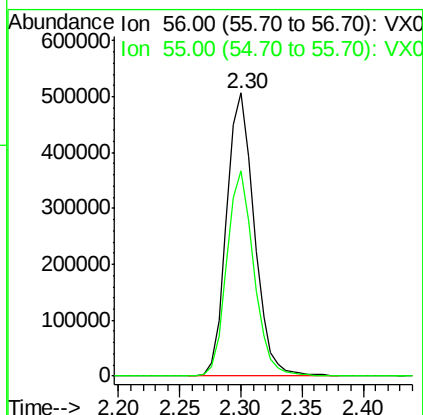
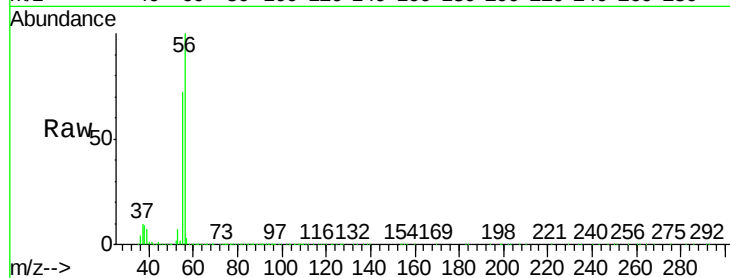




#13
Acrolein
Concen: 1389.339 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

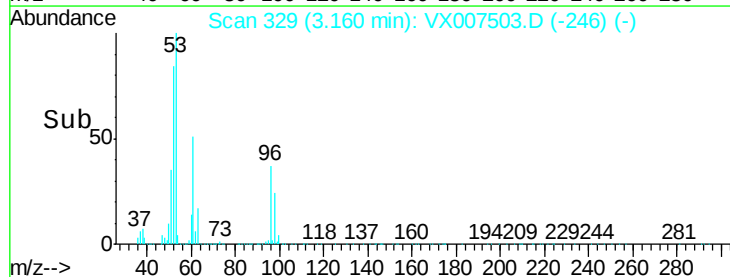
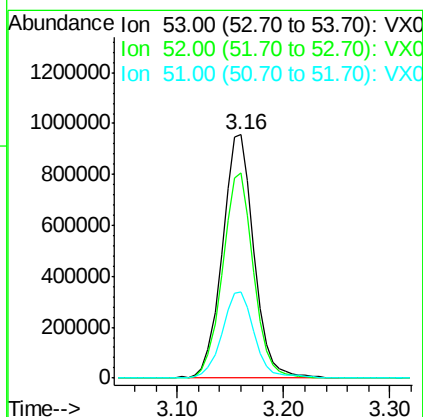
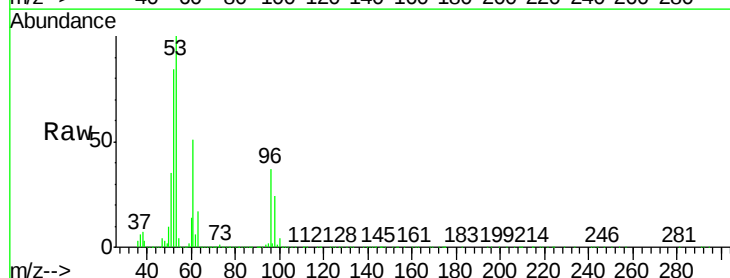
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

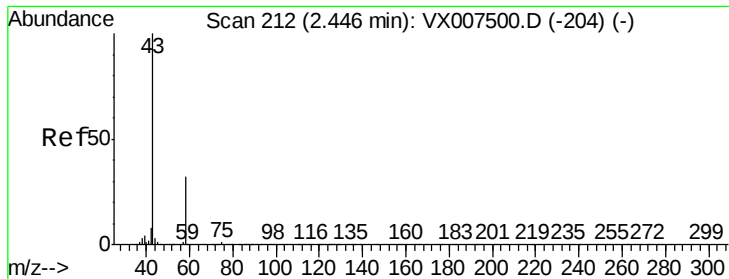
Tgt Ion: 56 Resp: 792885
Ion Ratio Lower Upper
56 100
55 70.9 58.6 87.8



#14
Acrylonitrile
Concen: 796.653 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 53 Resp: 1971666
Ion Ratio Lower Upper
53 100
52 82.7 41.3 124.1
51 36.5 17.5 52.6





#15

Acetone

Concen: 759.865 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

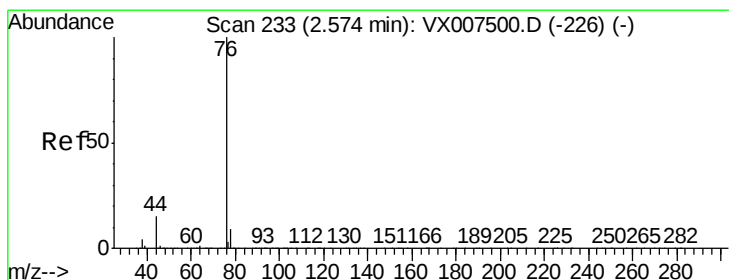
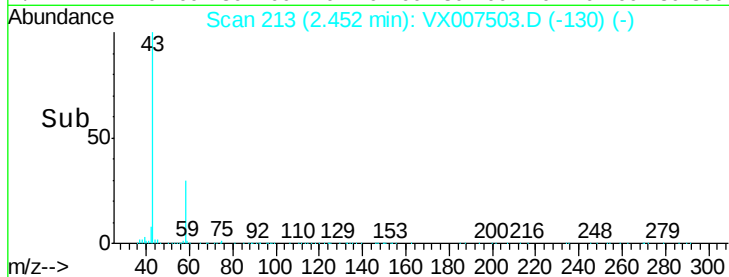
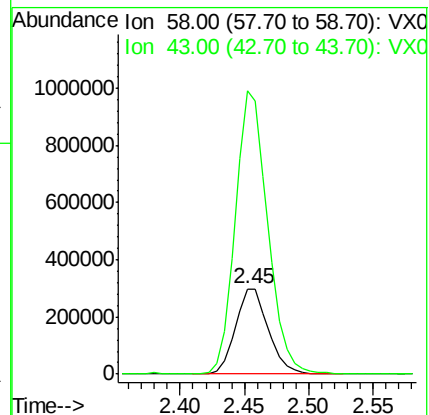
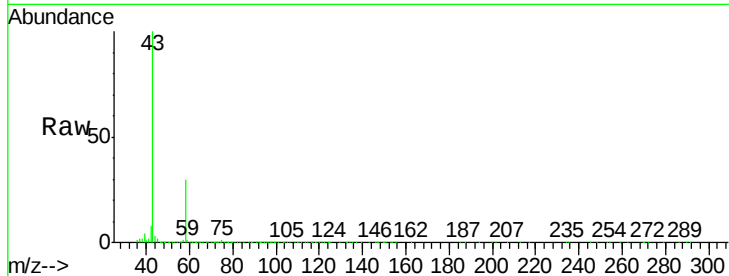
VSTDIC150

Tgt Ion: 58 Resp: 527888

Ion Ratio Lower Upper

58 100

43 332.5 249.8 374.6



#16

Carbon Disulfide

Concen: 185.307 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX007503.D

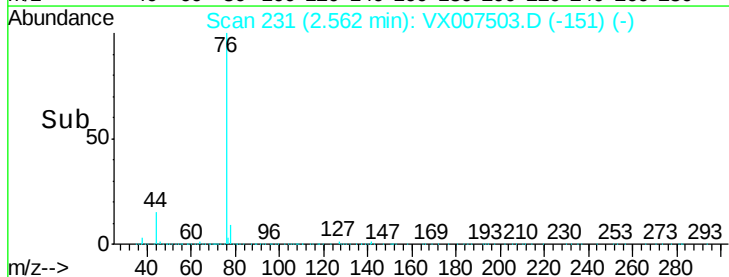
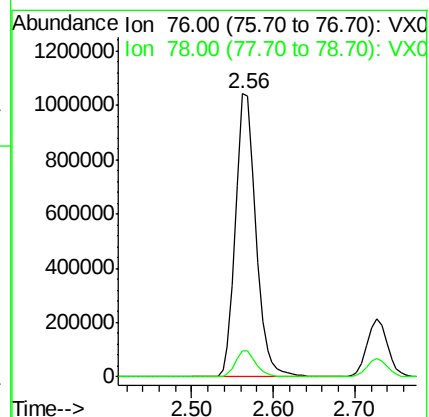
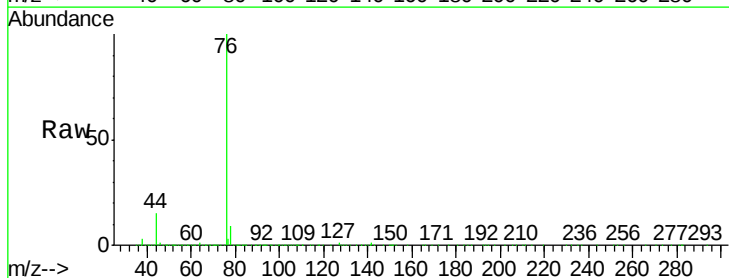
Acq: 13 Feb 2019 00:22

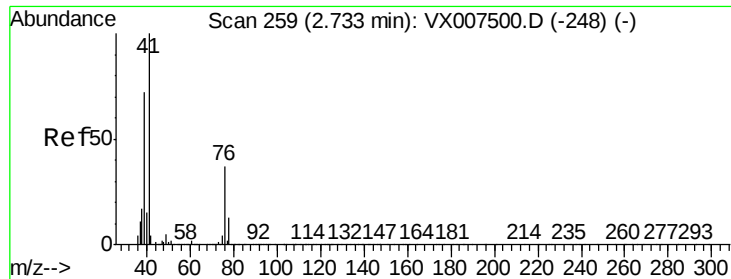
Tgt Ion: 76 Resp: 1790303

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

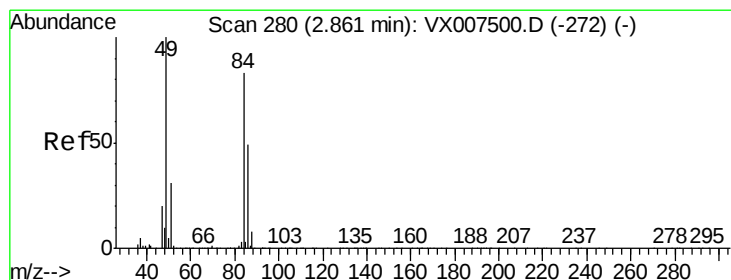
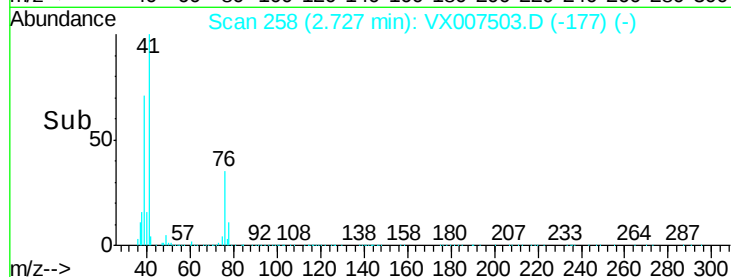
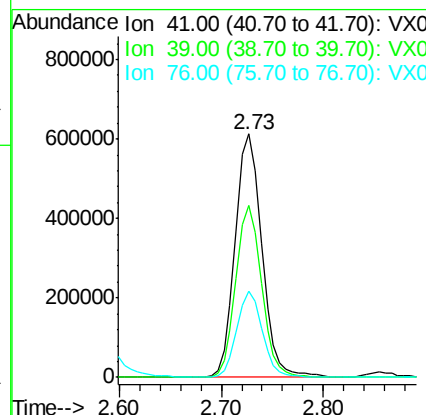
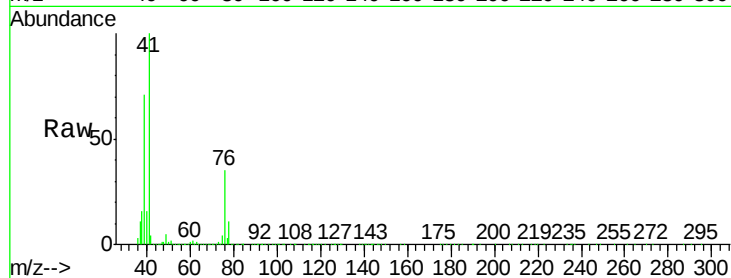




#17
 Allyl chloride
 Concen: 165.351 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

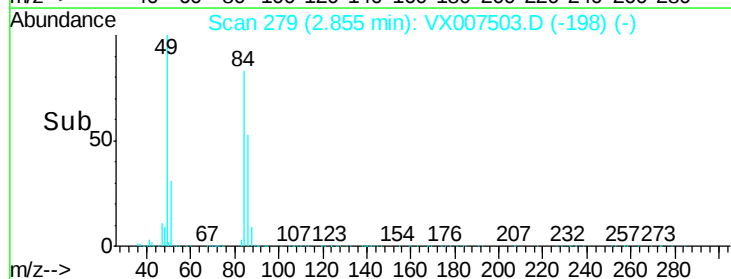
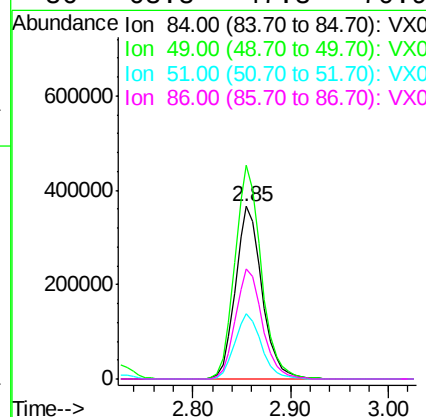
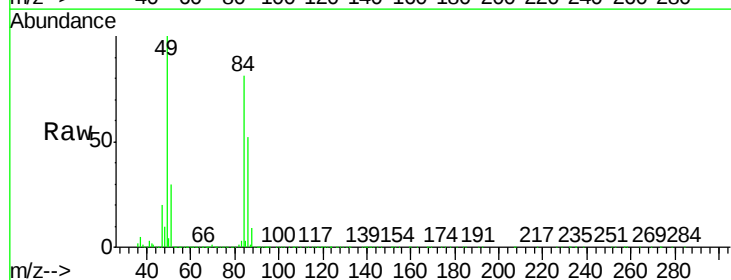
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

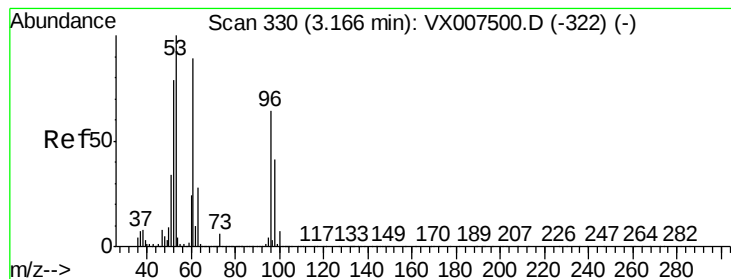
Tgt Ion: 41 Resp: 1112853
 Ion Ratio Lower Upper
 41 100
 39 70.7 35.8 107.4
 76 35.1 18.3 54.9



#18
 Methylene Chloride
 Concen: 154.770 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 84 Resp: 689937
 Ion Ratio Lower Upper
 84 100
 49 123.6 96.1 144.1
 51 37.4 29.1 43.7
 86 63.8 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 161.749 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

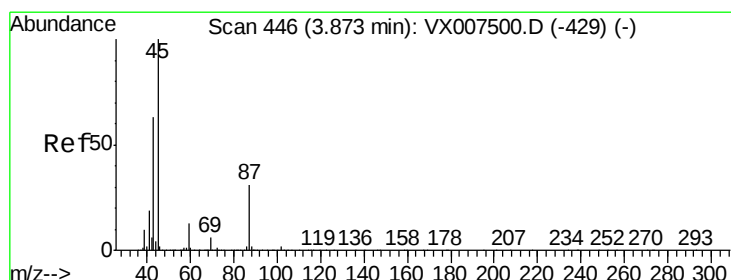
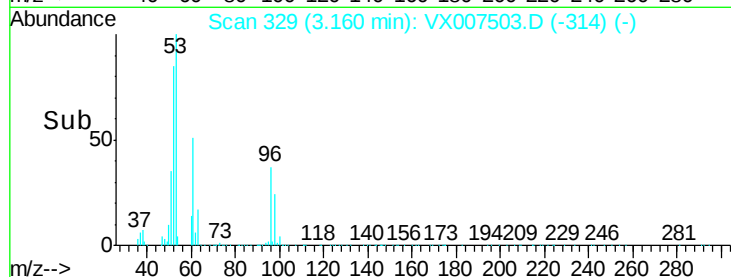
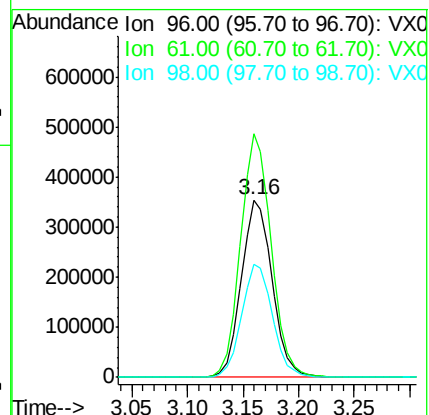
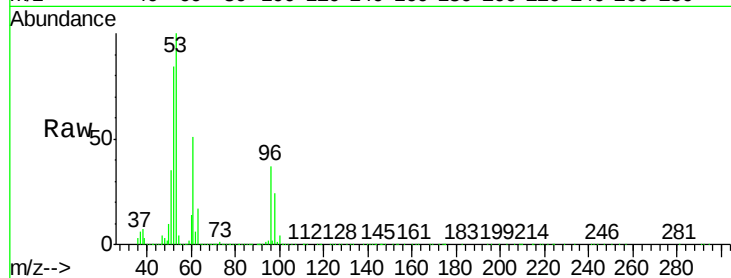
Tgt Ion: 96 Resp: 681152

Ion Ratio Lower Upper

96 100

61 137.0 109.9 164.9

98 63.9 50.4 75.6



#20

Diisopropyl ether

Concen: 160.981 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Tgt Ion: 45 Resp: 2026768

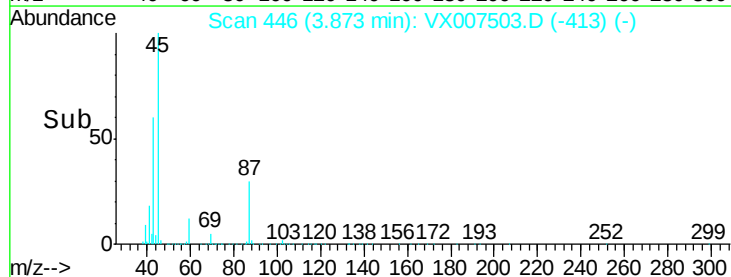
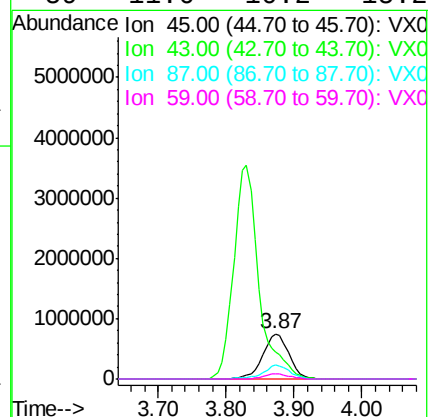
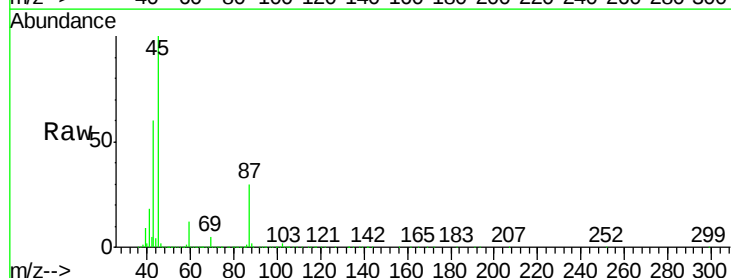
Ion Ratio Lower Upper

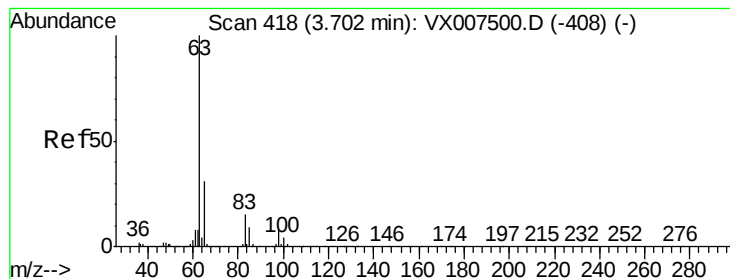
45 100

43 60.5 50.6 76.0

87 29.9 24.5 36.7

59 11.6 10.2 15.2





#21

1,1-Dichloroethane

Concen: 156.989 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

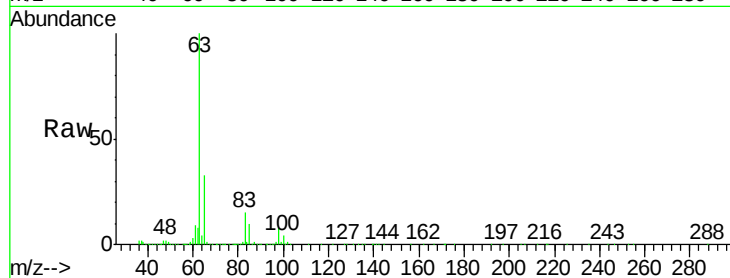
Tgt Ion: 63 Resp: 1122667

Ion Ratio Lower Upper

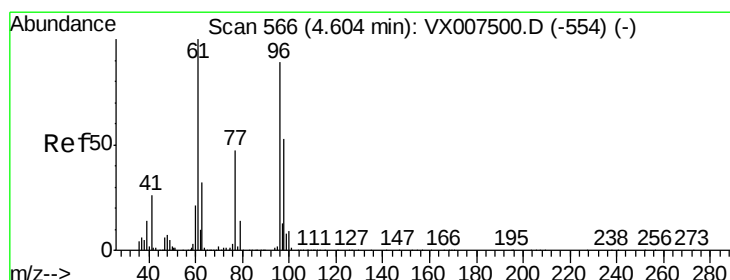
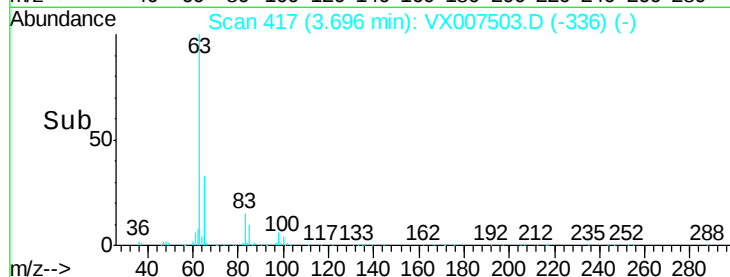
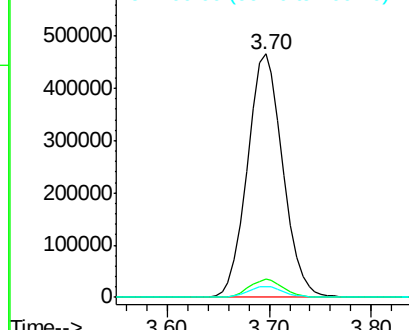
63 100

98 7.5 3.8 11.4

100 4.5 2.4 7.1



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



#22

cis-1,2-Dichloroethene

Concen: 159.556 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

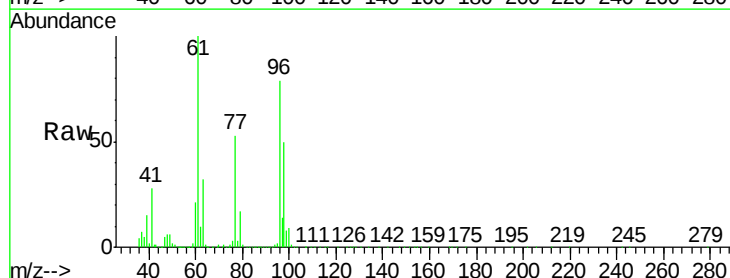
Tgt Ion: 96 Resp: 742438

Ion Ratio Lower Upper

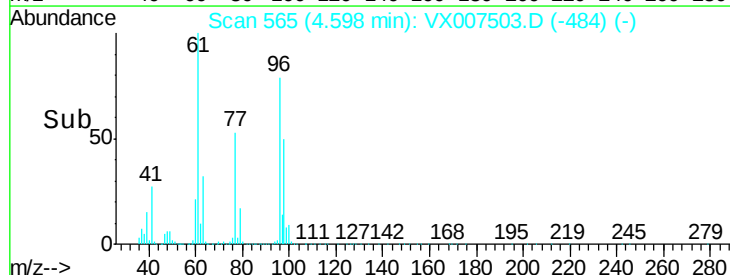
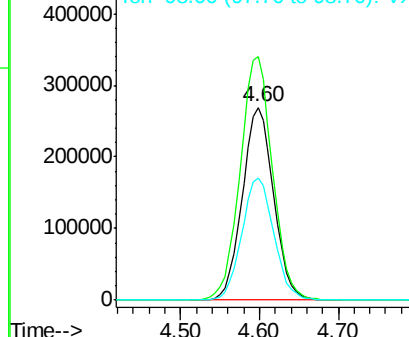
96 100

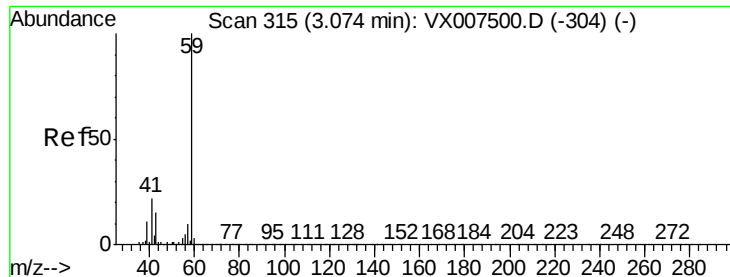
61 130.2 103.5 155.3

98 64.5 52.1 78.1



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

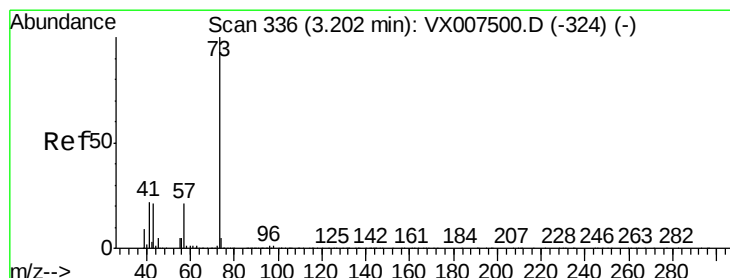
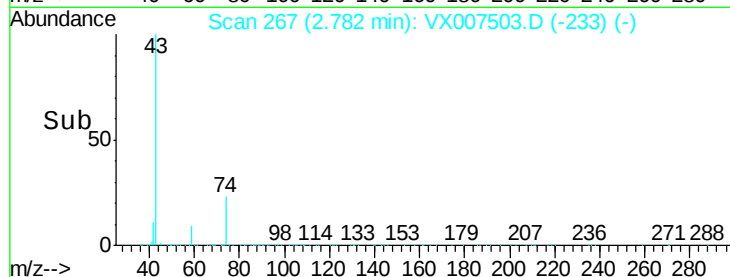
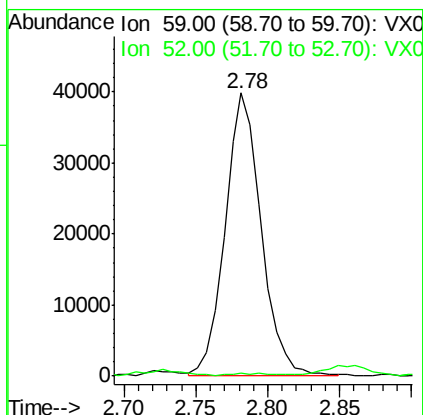
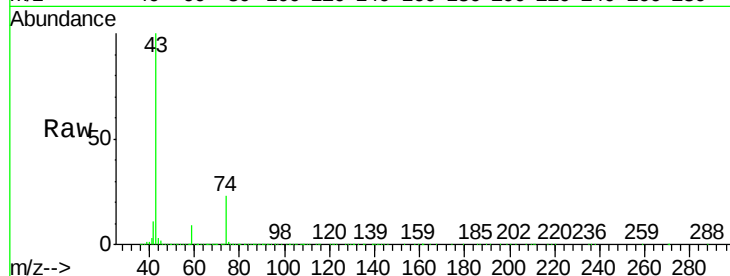




#23
 tert-Butyl Alcohol
 Concen: 67.199 ug/l
 RT: 2.78 min Scan# 267
 Delta R.T. -0.29 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

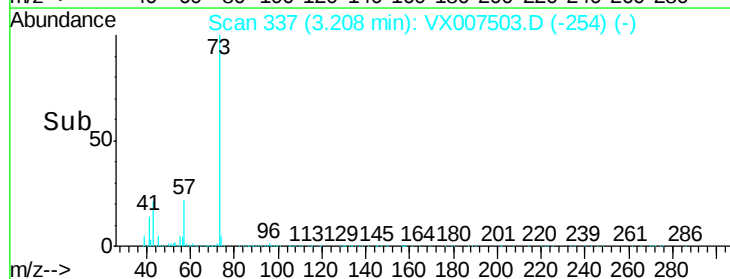
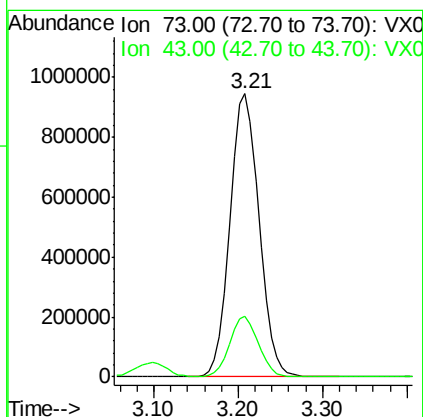
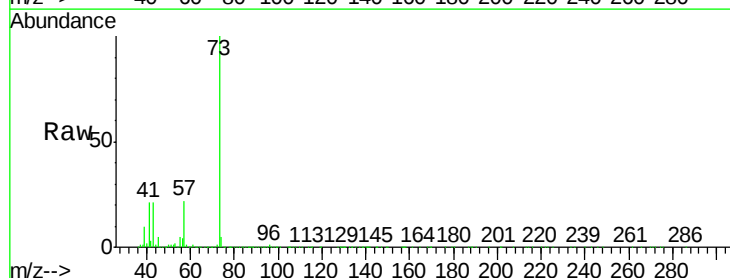
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

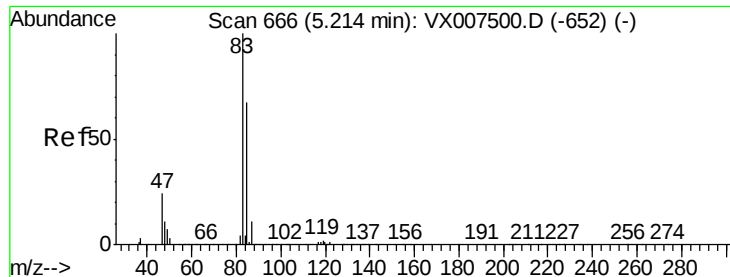
Tgt Ion: 59 Resp: 69577
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



#24
 Methyl tert-Butyl Ether
 Concen: 162.372 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 73 Resp: 2210734
 Ion Ratio Lower Upper
 73 100
 43 21.1 17.1 25.7

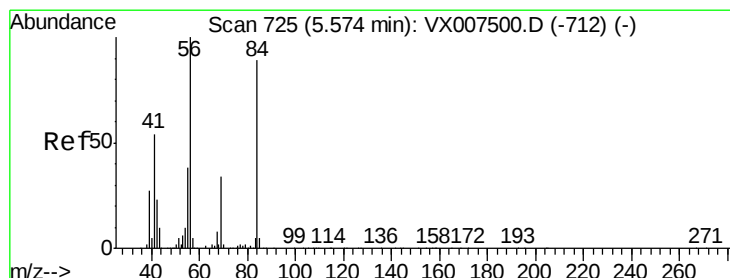
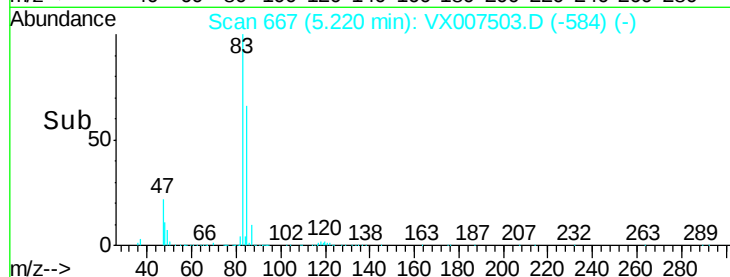
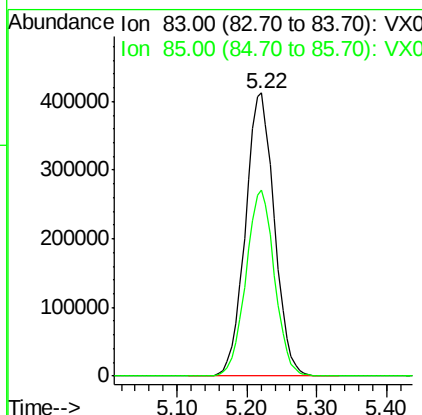
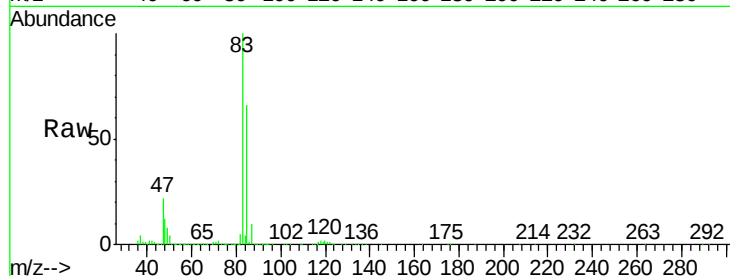




#25
Chloroform
Concen: 159.101 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

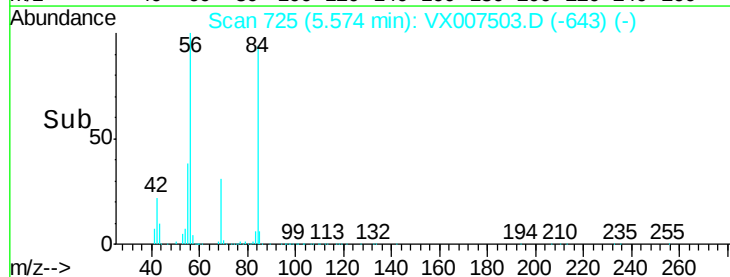
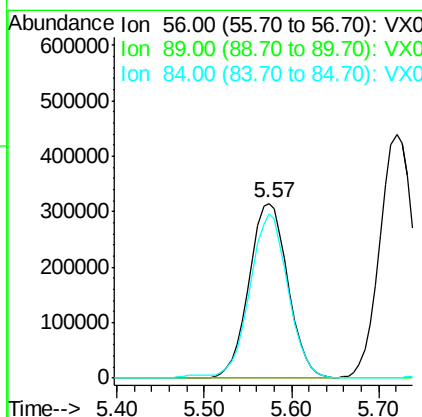
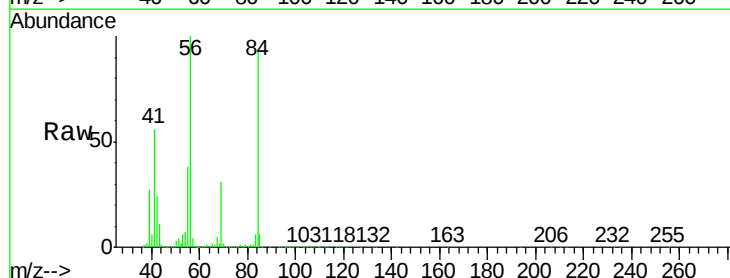
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

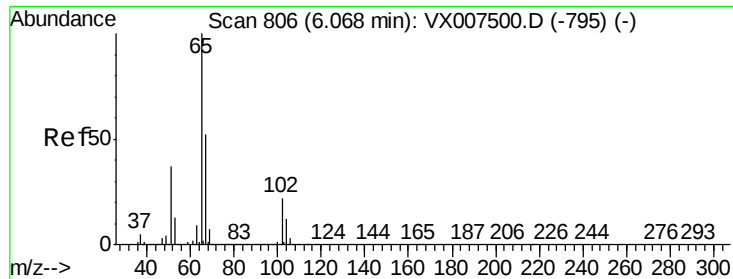
Tgt Ion: 83 Resp: 1181418
Ion Ratio Lower Upper
83 100
85 65.7 53.8 80.6



#26
Cyclohexane
Concen: 161.215 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 56 Resp: 978062
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 92.0 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.125 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

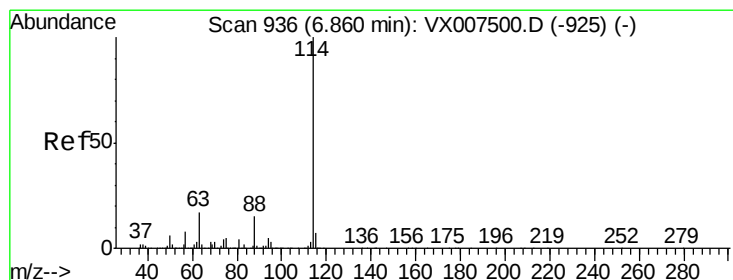
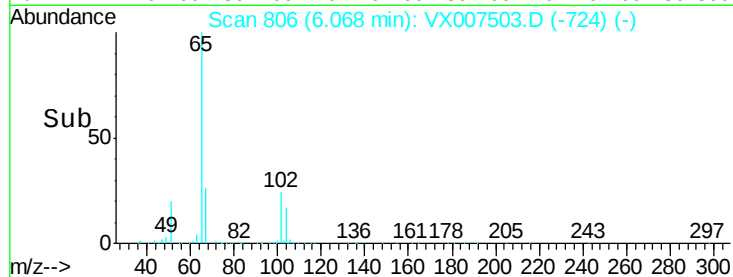
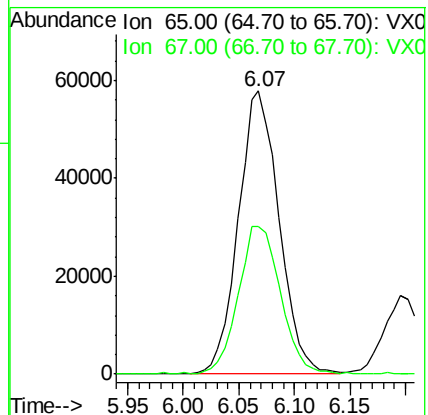
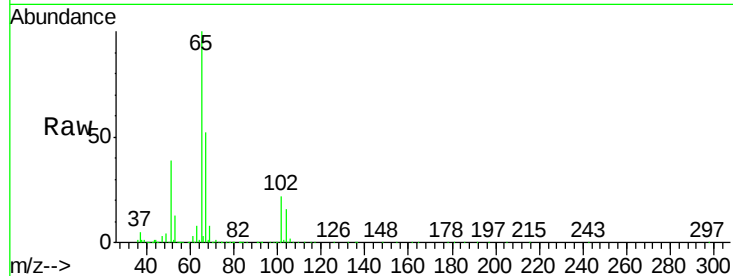
VSTDIC150

Tgt Ion: 65 Resp: 146494

Ion Ratio Lower Upper

65 100

67 53.8 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

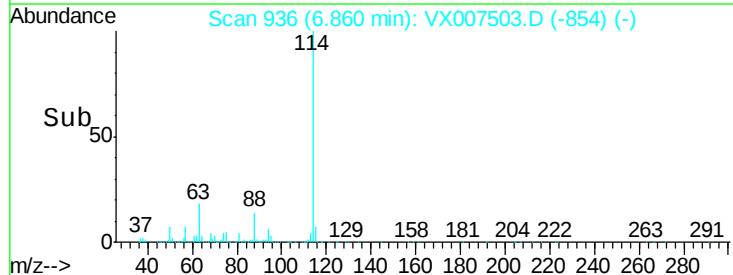
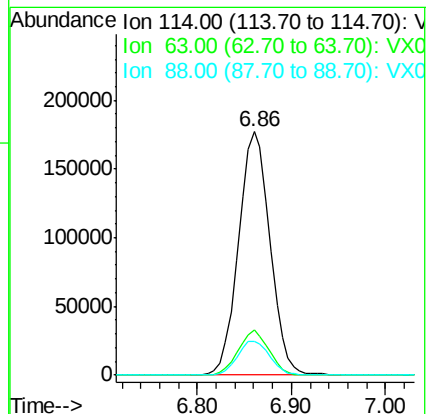
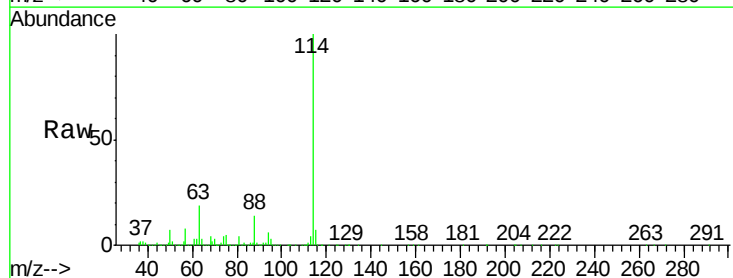
Tgt Ion: 114 Resp: 411491

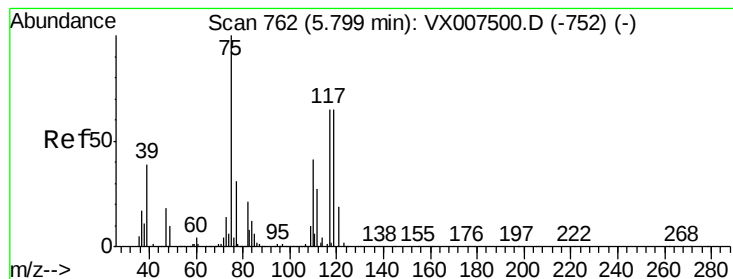
Ion Ratio Lower Upper

114 100

63 18.2 14.2 21.4

88 14.5 11.9 17.9





#29

1,1-Dichloropropene

Concen: 159.308 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

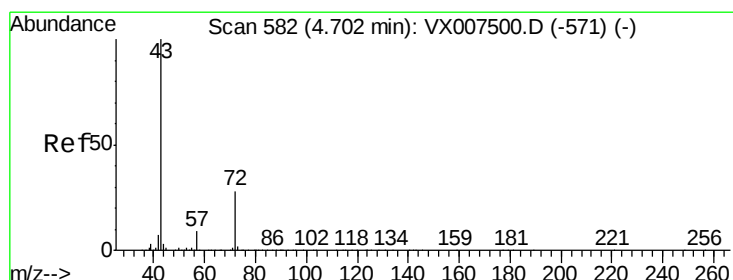
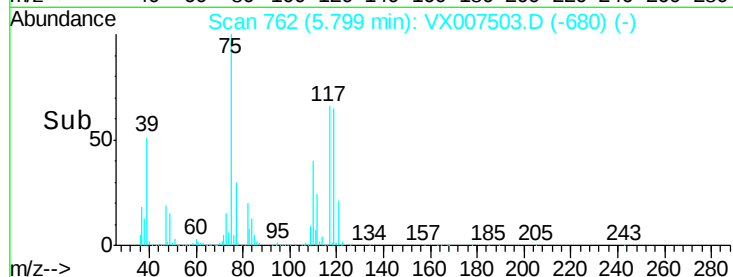
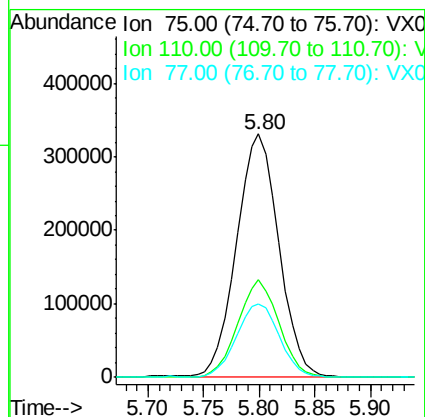
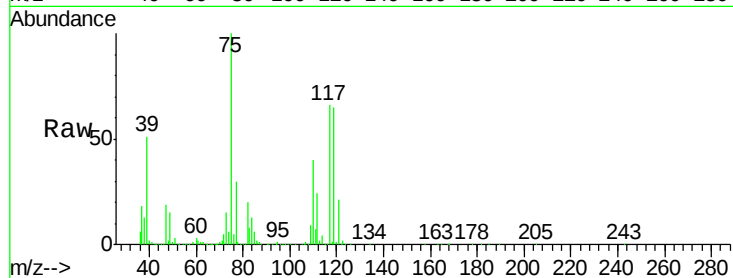
Tgt Ion: 75 Resp: 868125

Ion Ratio Lower Upper

75 100

110 39.5 0.0 80.8

77 31.0 0.0 62.4



#30

2-Butanone

Concen: 771.600 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

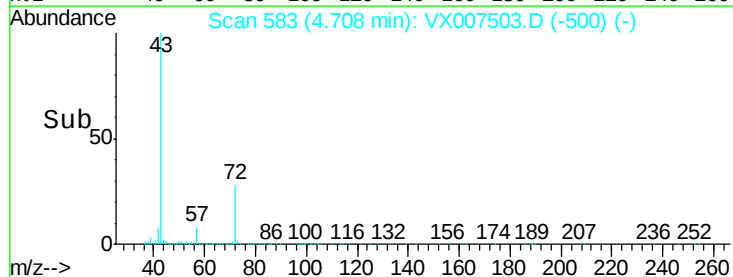
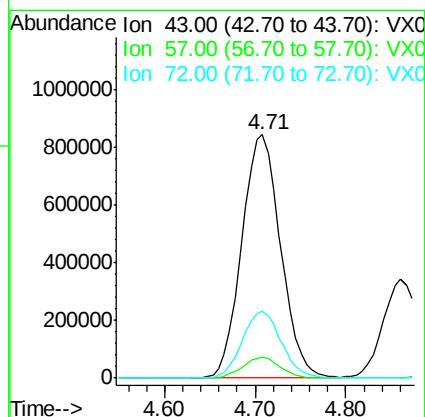
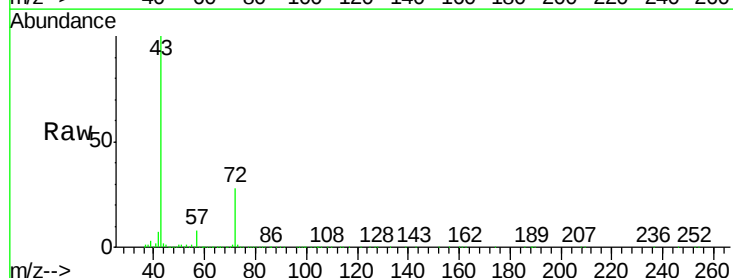
Tgt Ion: 43 Resp: 2496265

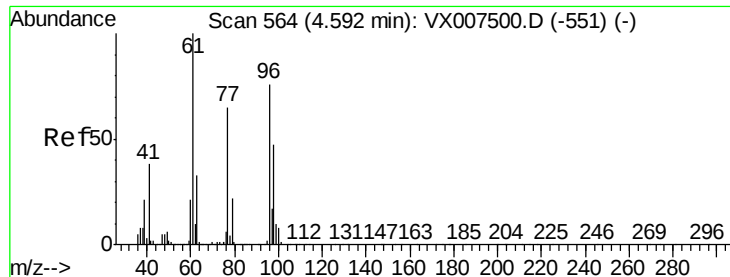
Ion Ratio Lower Upper

43 100

57 8.3 7.0 10.6

72 27.4 21.5 32.3





#31

2,2-Dichloropropane

Concen: 134.239 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampled :

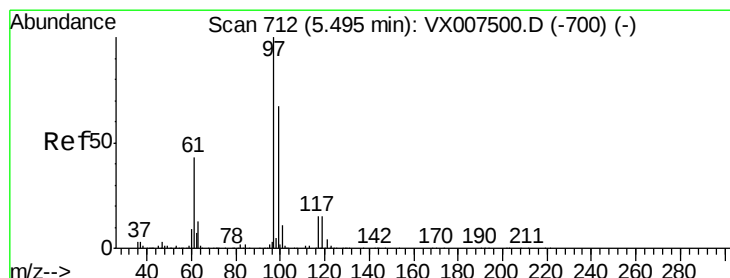
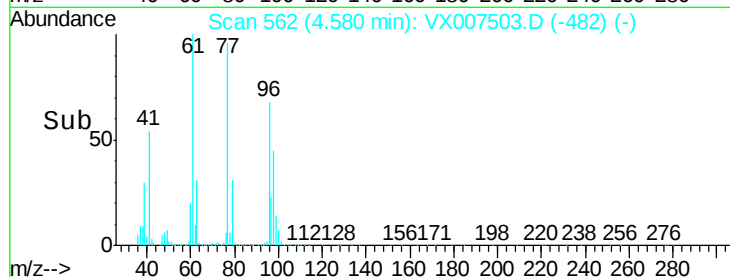
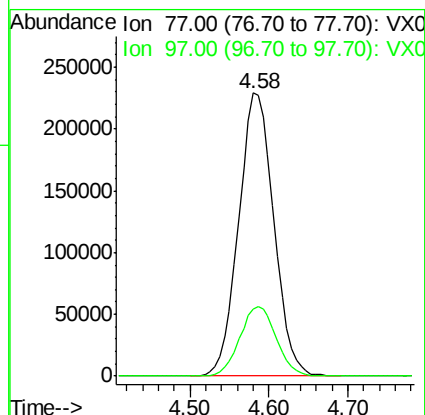
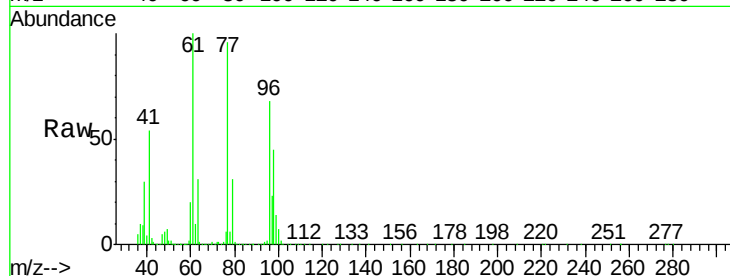
VSTDIC150

Tgt Ion: 77 Resp: 712130

Ion Ratio Lower Upper

77 100

97 25.4 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 162.347 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

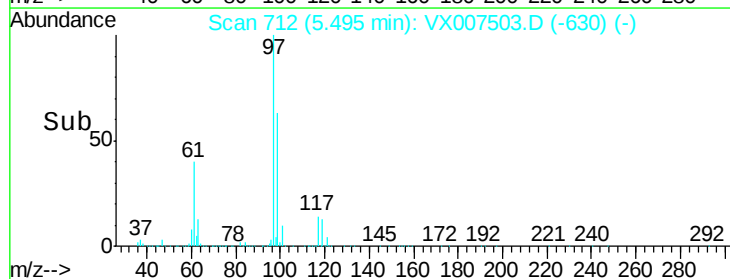
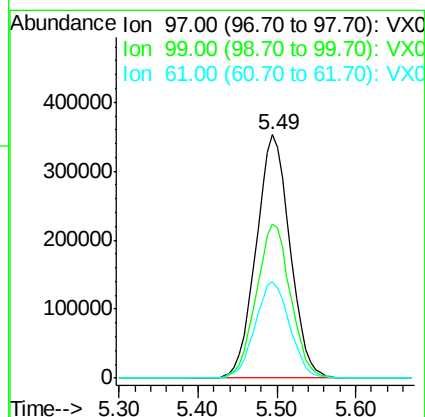
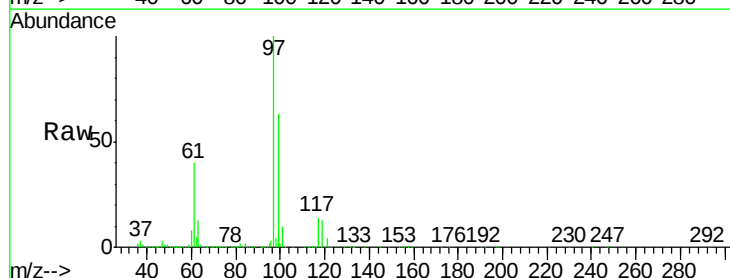
Tgt Ion: 97 Resp: 1050943

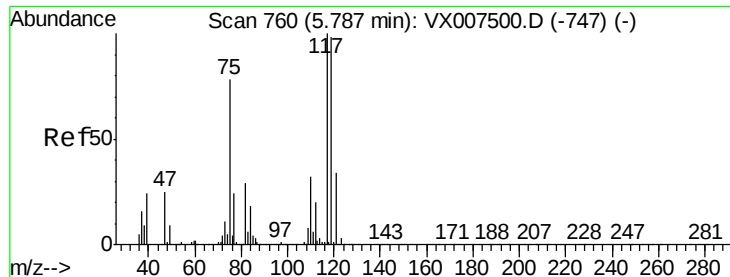
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 40.5 32.8 49.2





#33

Carbon Tetrachloride

Concen: 166.485 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

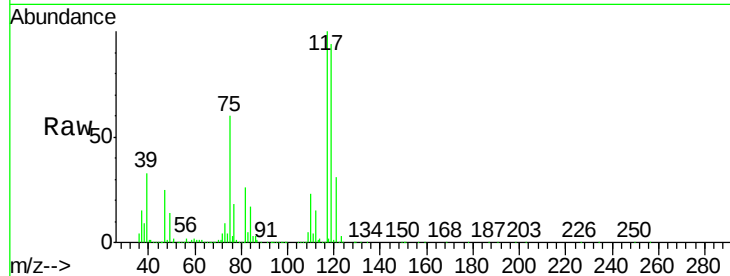
Tgt Ion:117 Resp: 948452

Ion Ratio Lower Upper

117 100

119 94.4 78.1 117.1

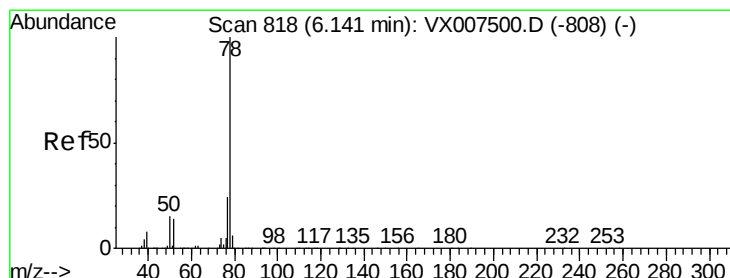
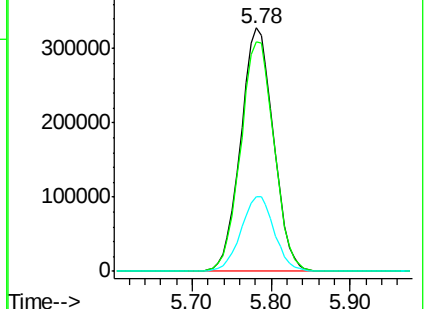
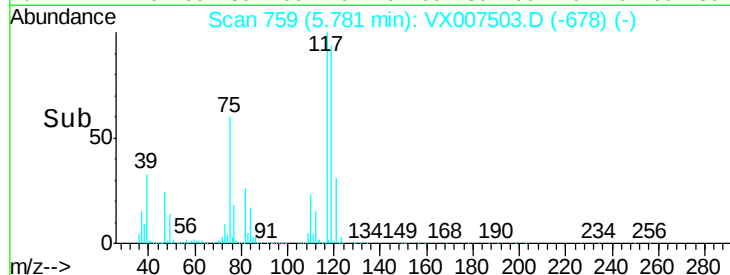
121 30.7 27.0 40.6



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: 156.933 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

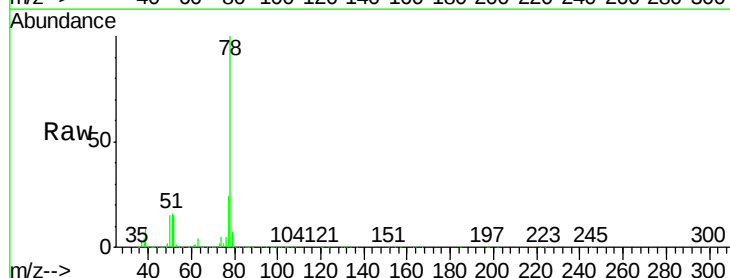
Tgt Ion: 78 Resp: 2647225

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

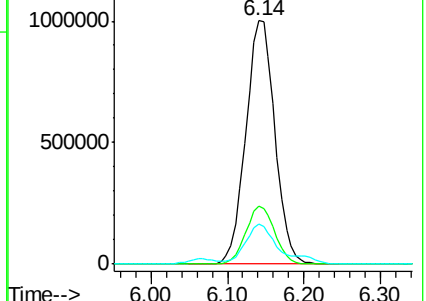
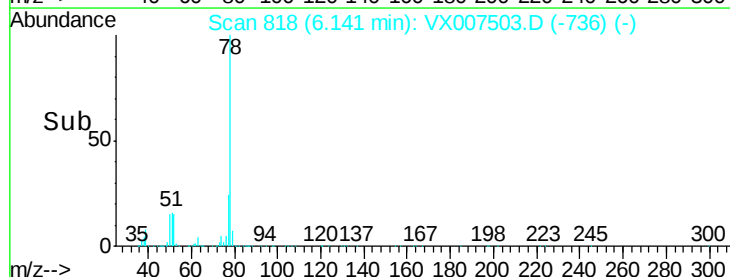
51 16.3 10.8 16.2#

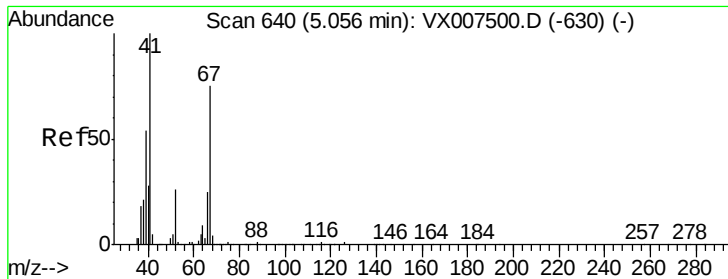


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

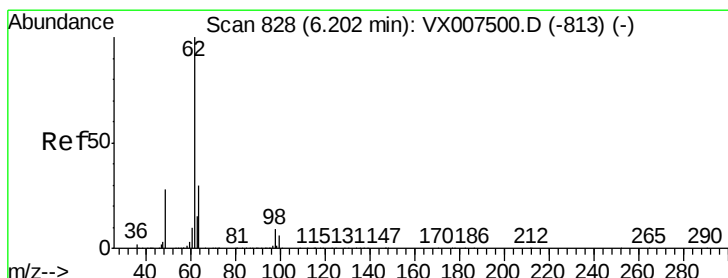
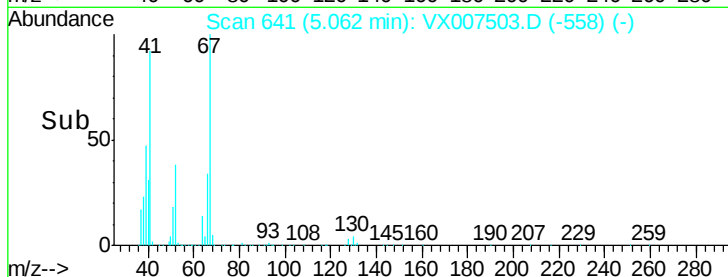
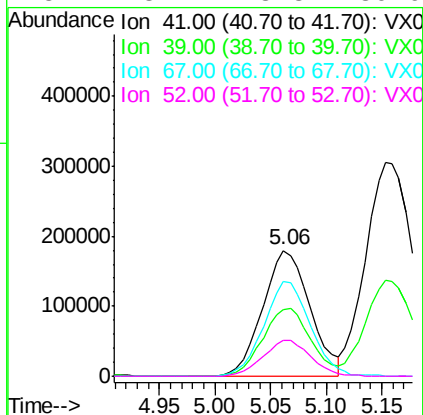
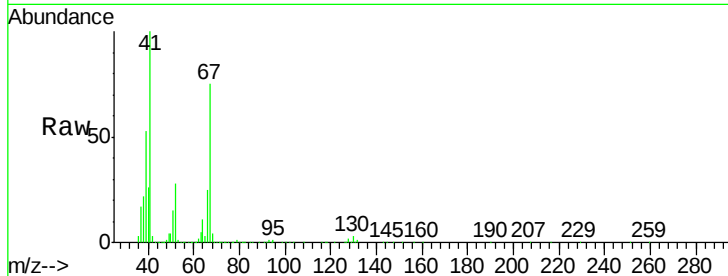




#35
Methacrylonitrile
Concen: 159.940 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

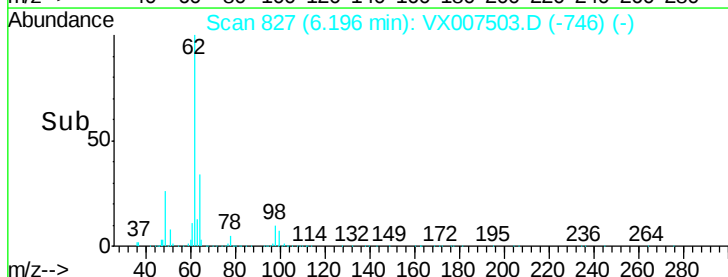
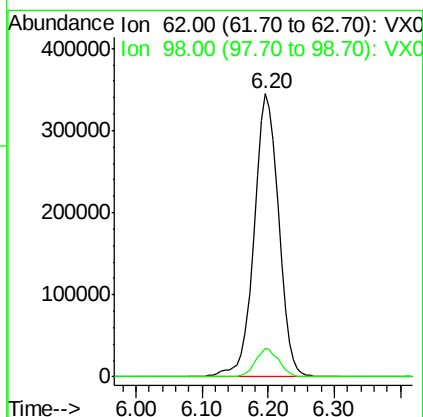
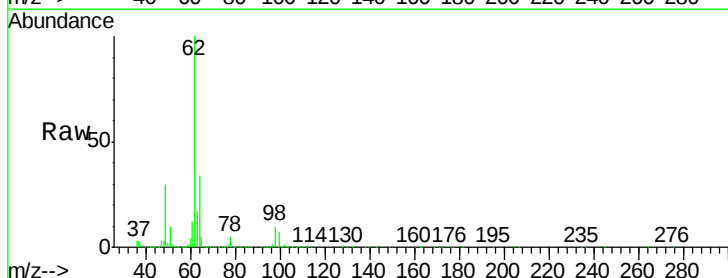
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

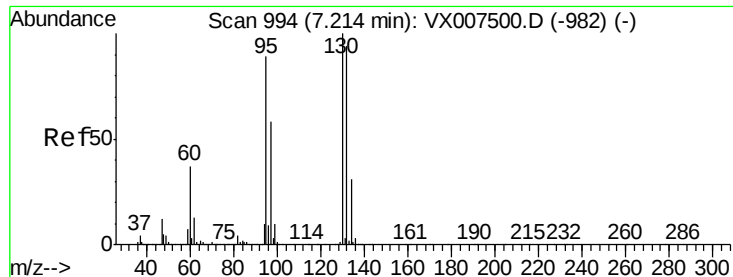
Tgt Ion:	41	Resp:	530731
Ion	Ratio	Lower	Upper
41	100		
39	53.0	27.4	82.0
67	75.1	37.9	113.6
52	28.2	13.3	39.9



#36
1,2-Dichloroethane
Concen: 153.720 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion:	62	Resp:	892320
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.8





#37

Trichloroethene

Concen: 156.459 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

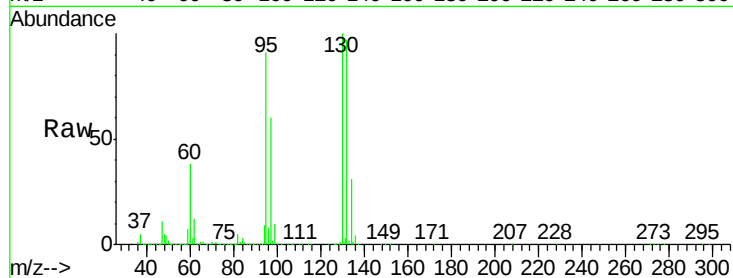
VSTDIC150

Tgt Ion:130 Resp: 774882

Ion Ratio Lower Upper

130 100

95 91.1 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

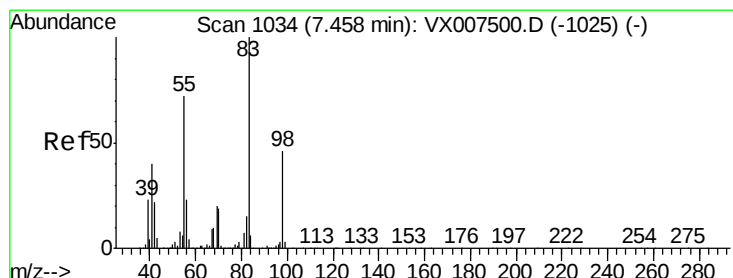
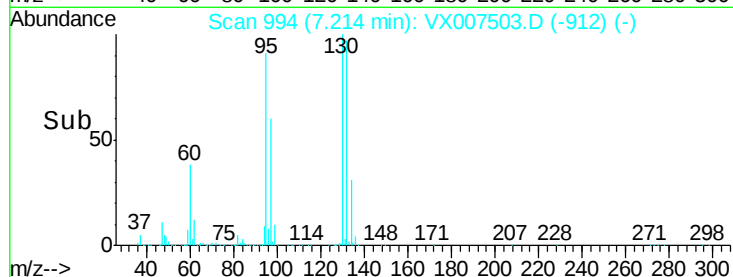
300000

200000

100000

0

Time--> 7.10 7.20 7.30



#38

Methylcyclohexane

Concen: 149.316 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

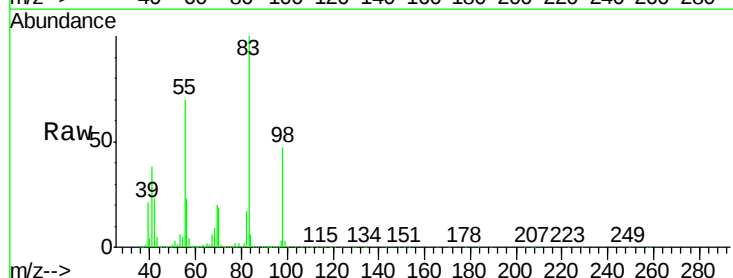
Tgt Ion: 83 Resp: 1020647

Ion Ratio Lower Upper

83 100

55 71.2 36.0 108.0

98 48.4 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

600000

500000

400000

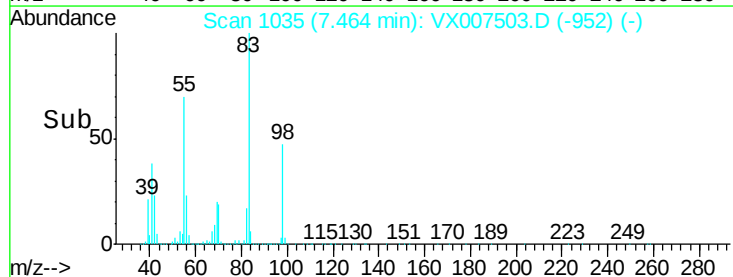
300000

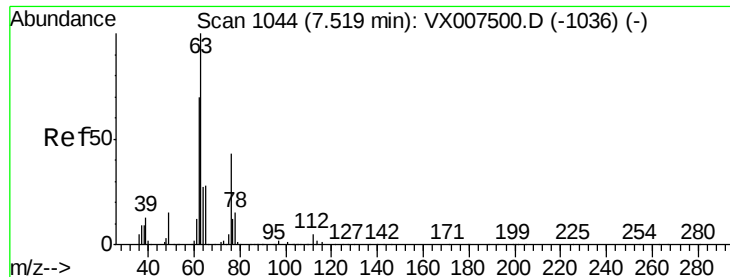
200000

100000

0

Time--> 7.30 7.40 7.50 7.60

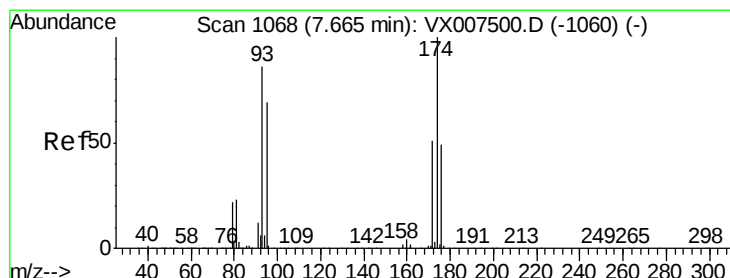
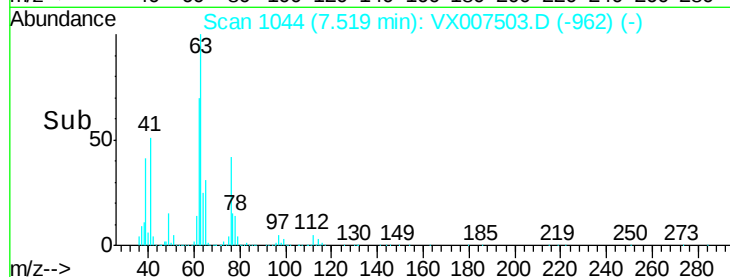
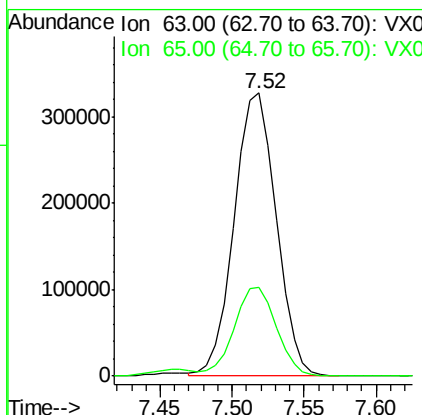
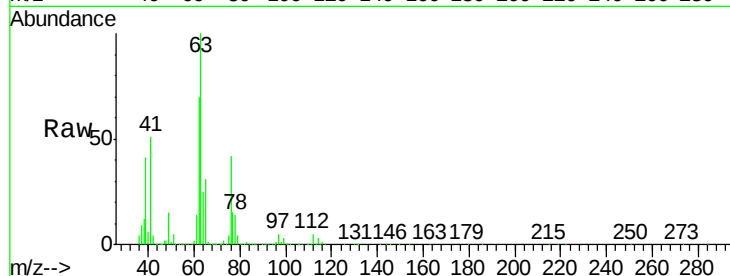




#39
 1,2-Dichloropropane
 Concen: 156.826 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

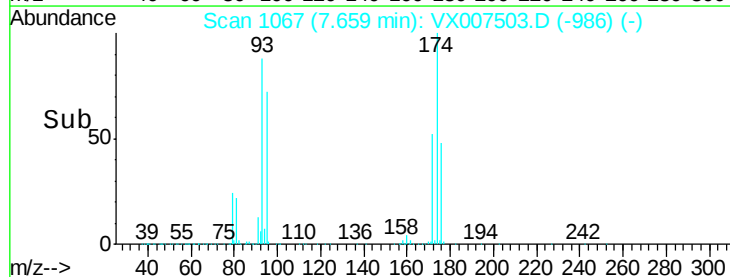
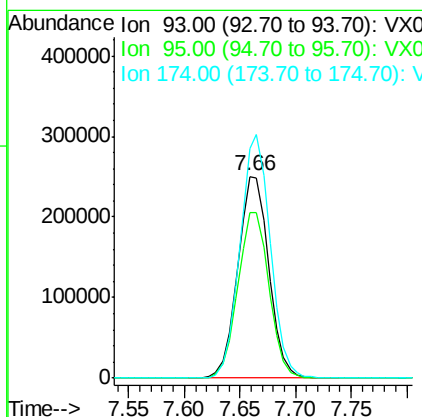
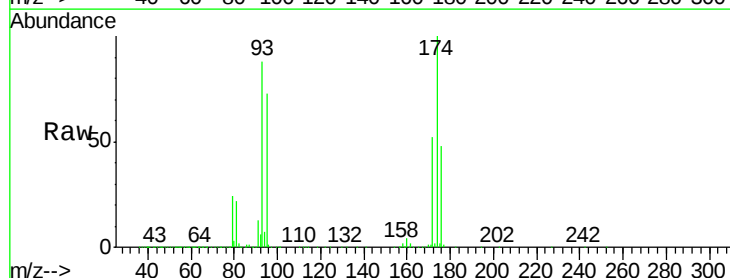
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

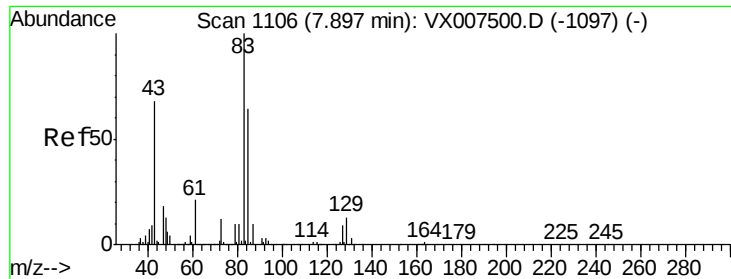
Tgt Ion: 63 Resp: 663807
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#40
 Dibromomethane
 Concen: 157.202 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 93 Resp: 482241
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 158.8
 174 118.2 0.0 224.2





#41

Bromodichloromethane

Concen: 168.420 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

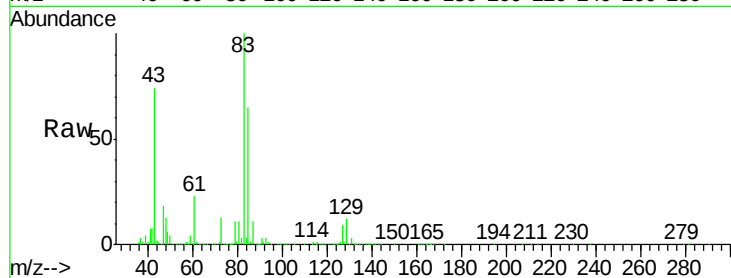
Tgt Ion: 83 Resp: 904359

Ion Ratio Lower Upper

83 100

85 65.2 51.1 76.7

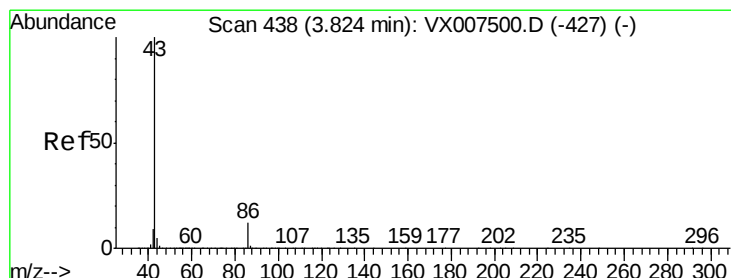
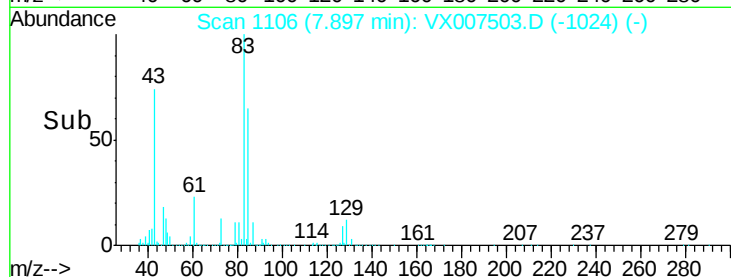
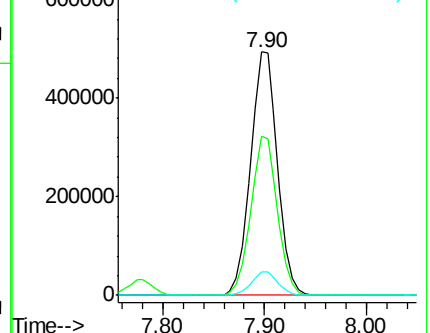
127 9.5 7.2 10.8



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: 817.669 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX007503.D

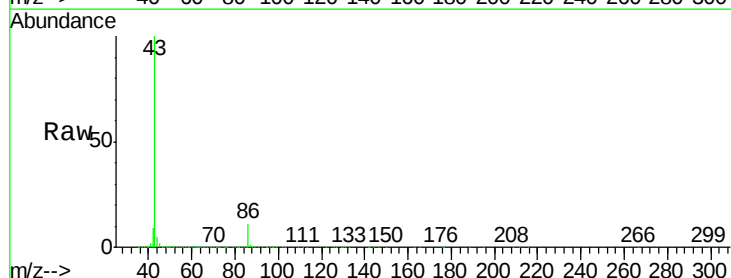
Acq: 13 Feb 2019 00:22

Tgt Ion: 43 Resp: 9129724

Ion Ratio Lower Upper

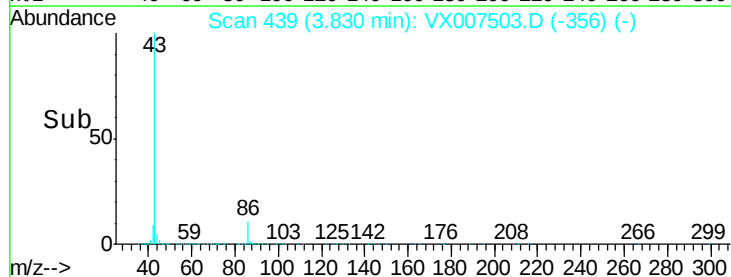
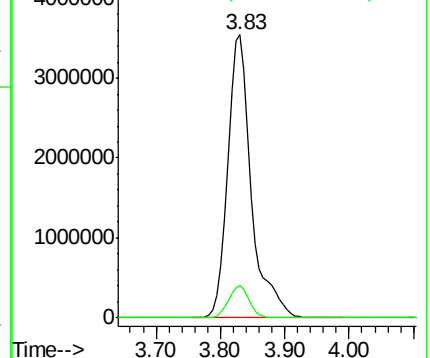
43 100

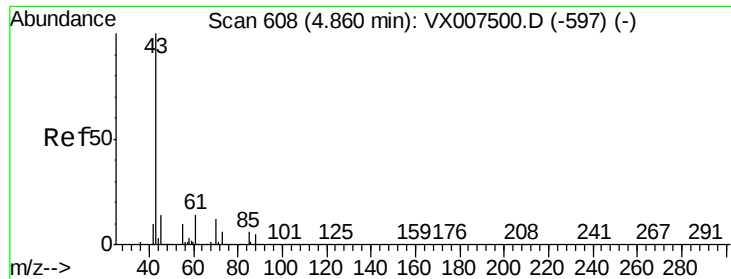
86 10.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

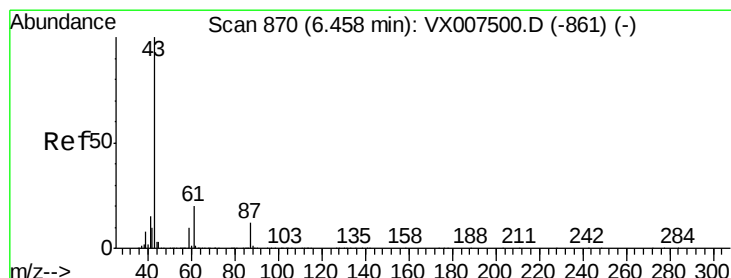
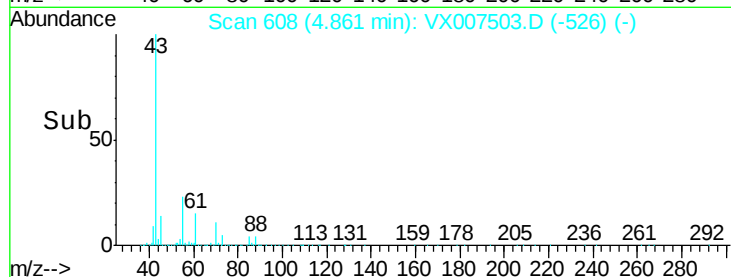
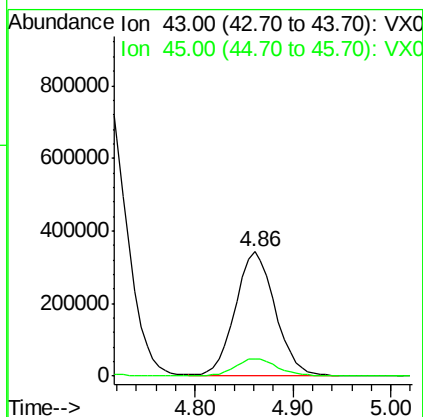
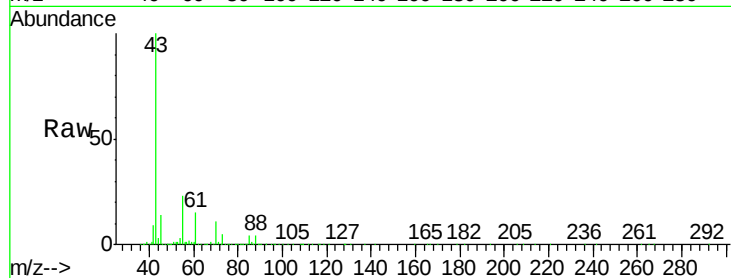




#43
Ethyl Acetate
Concen: 157.794 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

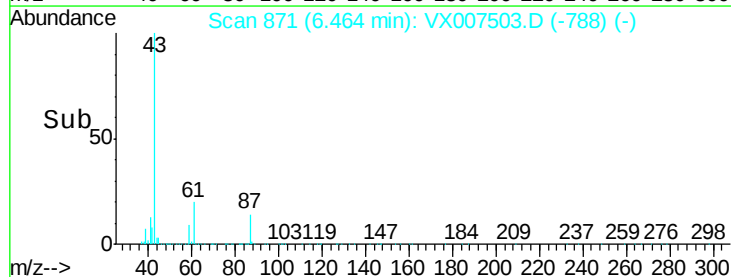
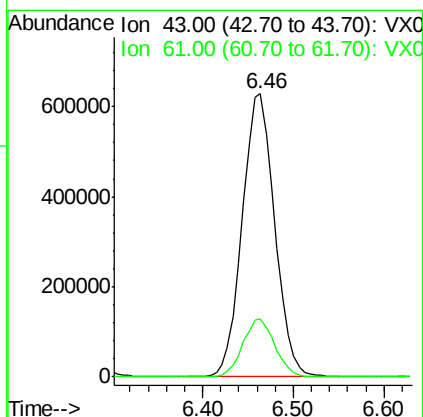
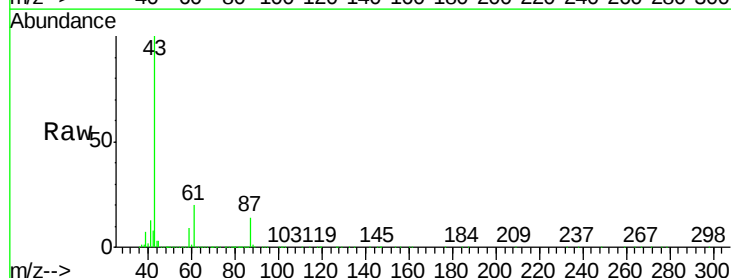
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

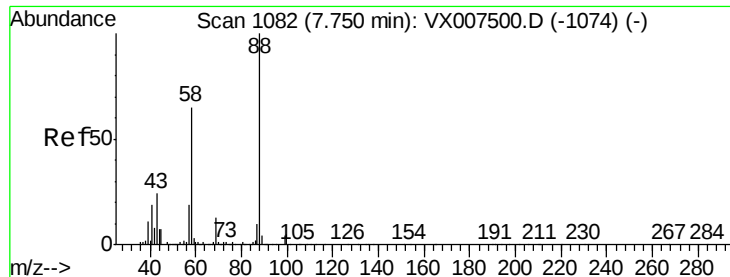
Tgt Ion: 43 Resp: 964904
Ion Ratio Lower Upper
43 100
45 15.0 6.9 10.3#



#44
Isopropyl Acetate
Concen: 163.280 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 43 Resp: 1552291
Ion Ratio Lower Upper
43 100
61 20.4 16.1 24.1





#45

1,4-Dioxane

Concen: 3183.696 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

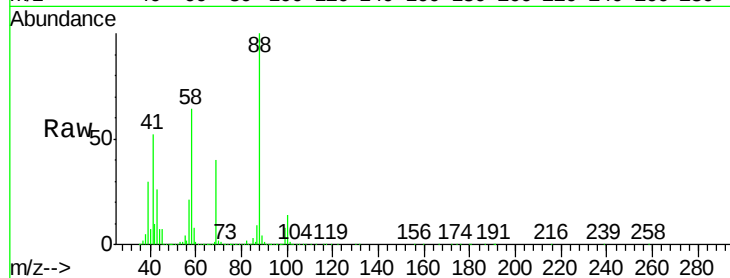
Tgt Ion: 88 Resp: 363881

Ion Ratio Lower Upper

88 100

43 28.9 23.6 35.4

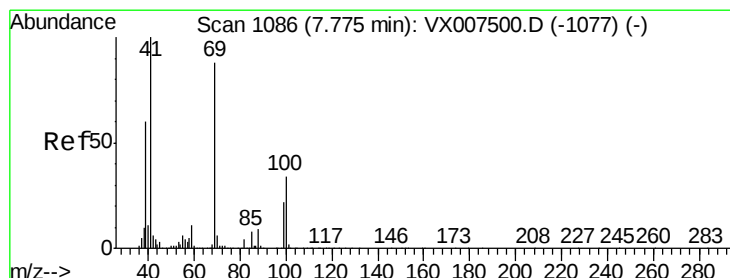
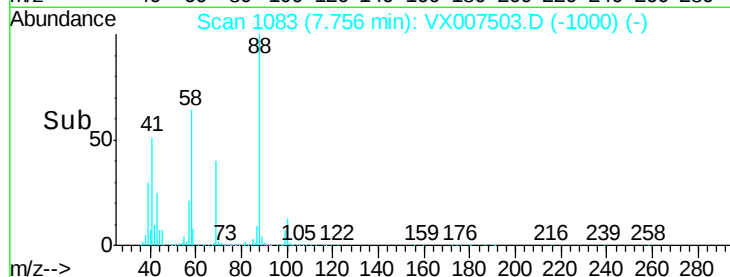
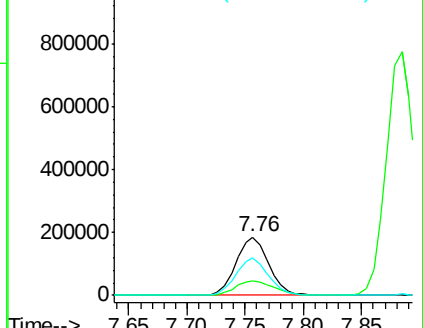
58 63.8 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 161.202 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

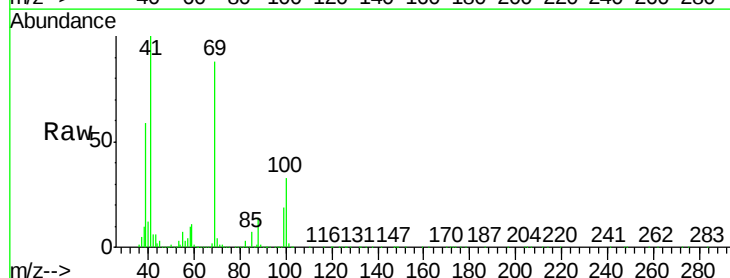
Tgt Ion: 41 Resp: 779021

Ion Ratio Lower Upper

41 100

69 87.6 44.2 132.6

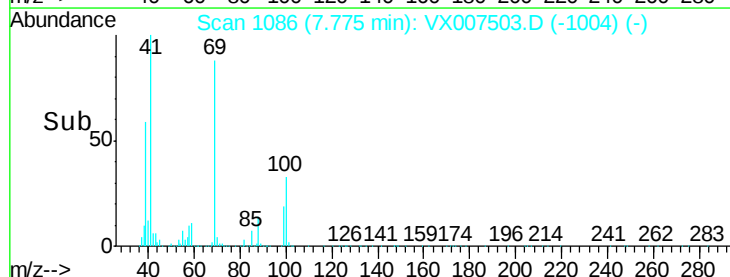
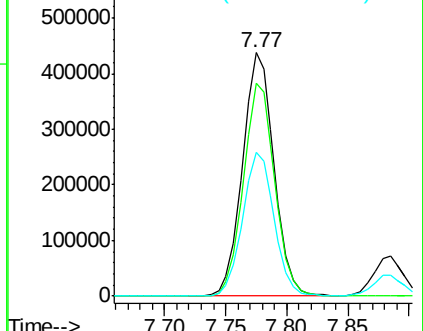
39 58.8 29.9 89.8

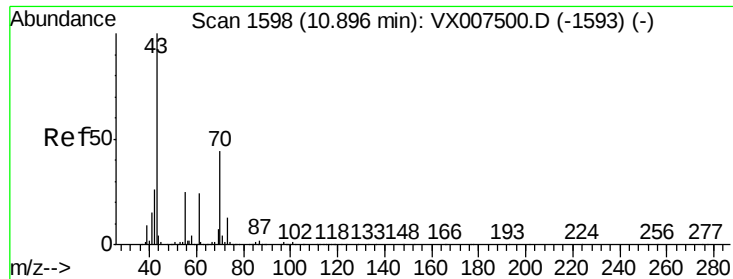


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 175.561 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

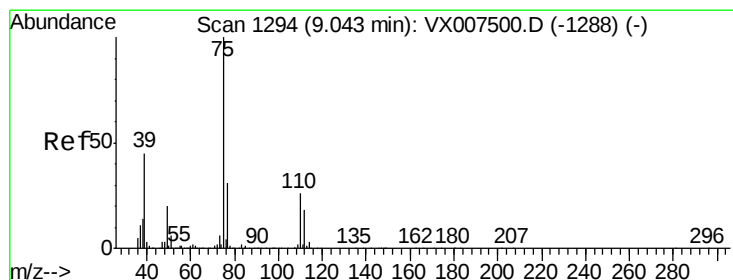
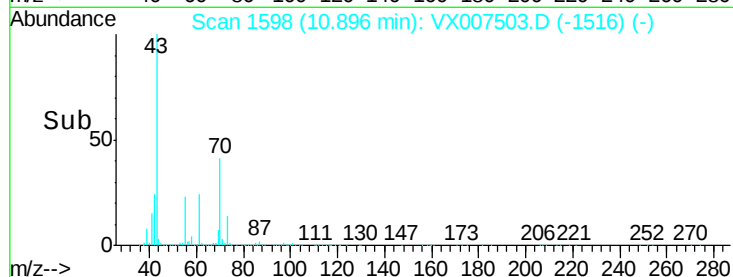
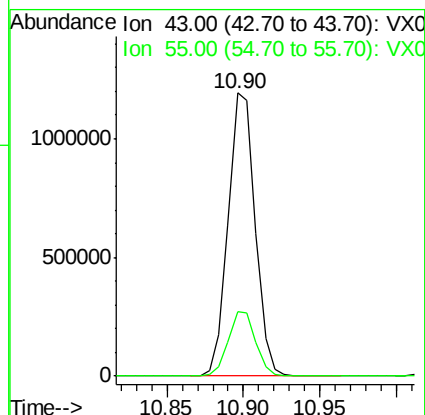
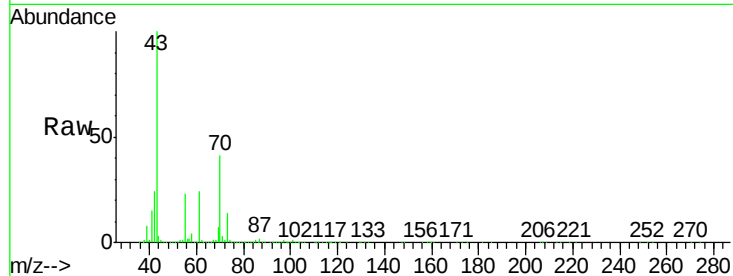
VSTDIC150

Tgt Ion: 43 Resp: 1462106

Ion Ratio Lower Upper

43 100

55 23.0 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 170.692 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007503.D

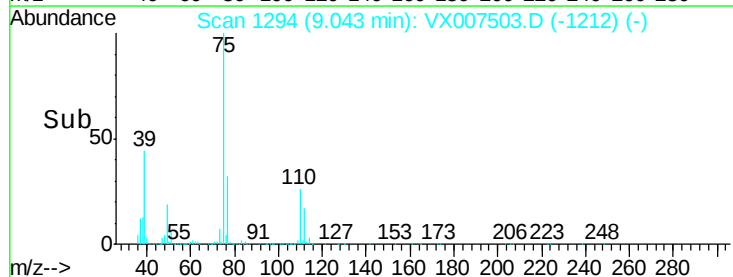
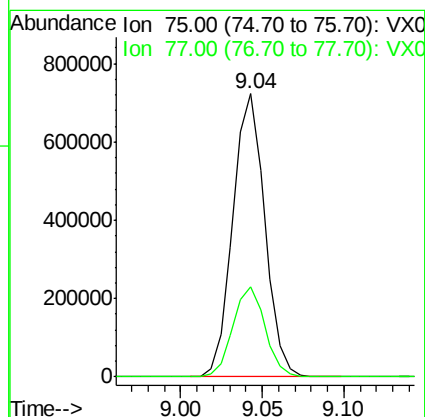
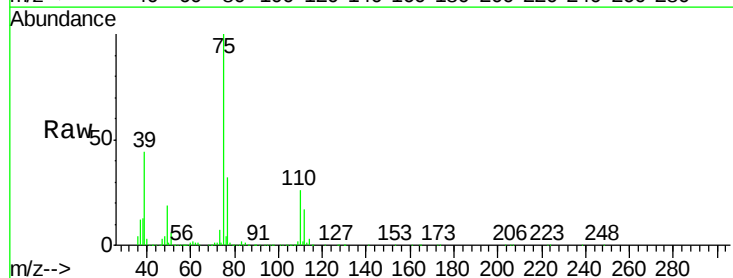
Acq: 13 Feb 2019 00:22

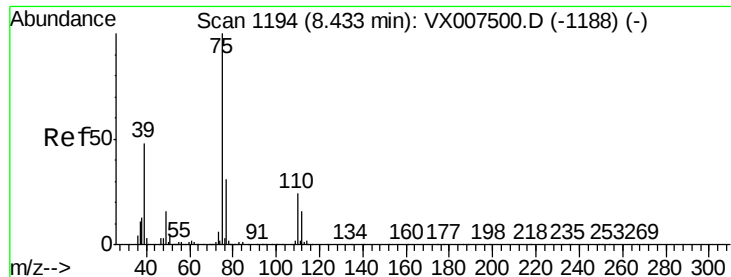
Tgt Ion: 75 Resp: 987332

Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7



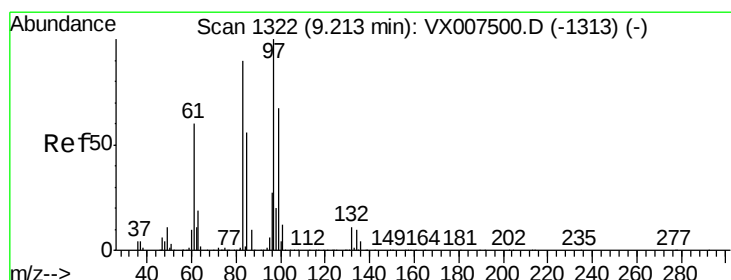
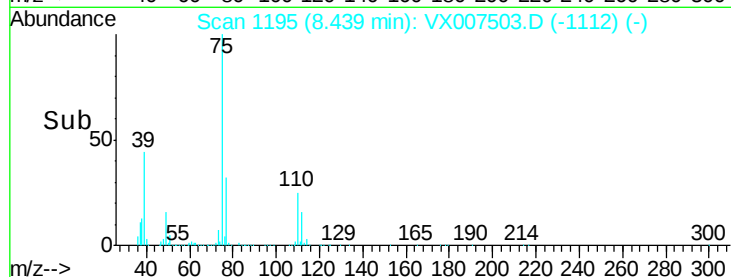
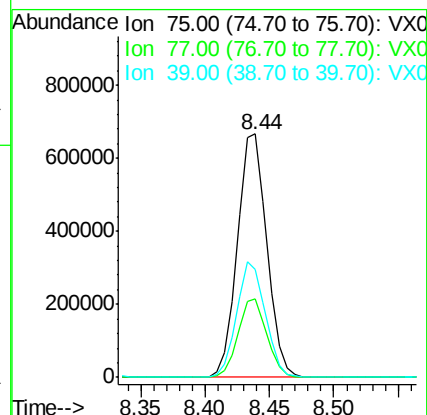
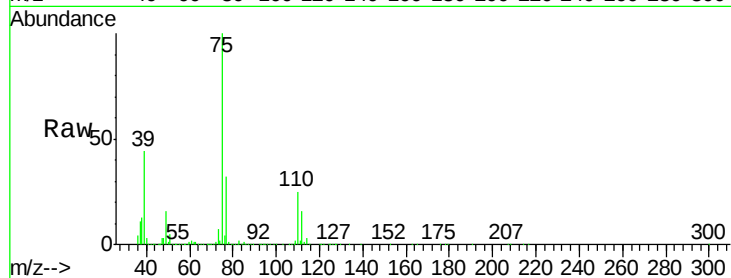


#49

cis-1,3-Dichloropropene
Concen: 164.358 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

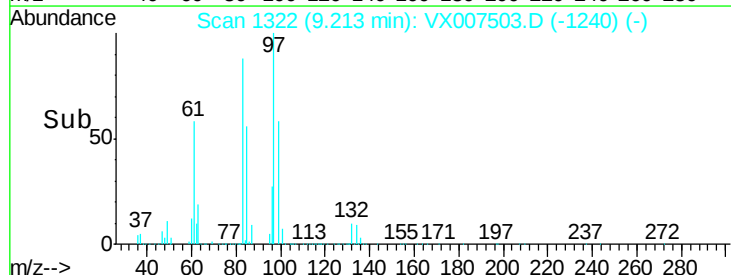
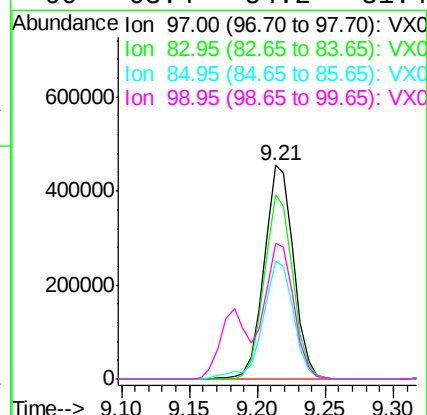
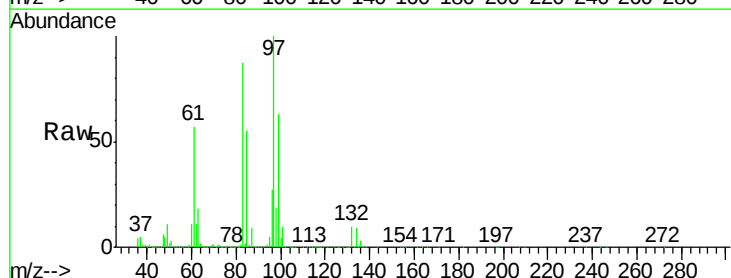
Tgt Ion: 75 Resp: 1057843
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 44.1 38.5 57.7

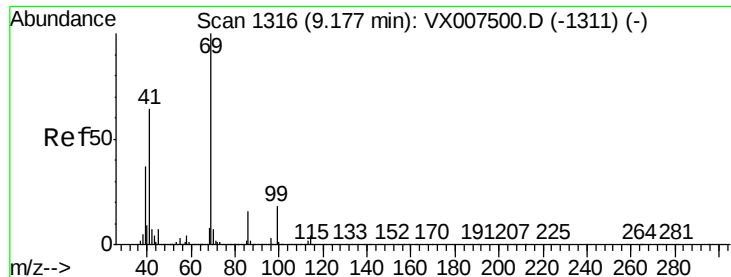


#50

1,1,2-Trichloroethane
Concen: 150.908 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 97 Resp: 688562
Ion Ratio Lower Upper
97 100
83 86.5 72.0 108.0
85 55.3 45.0 67.6
99 63.4 54.2 81.4





#51

Ethyl methacrylate

Concen: 159.763 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

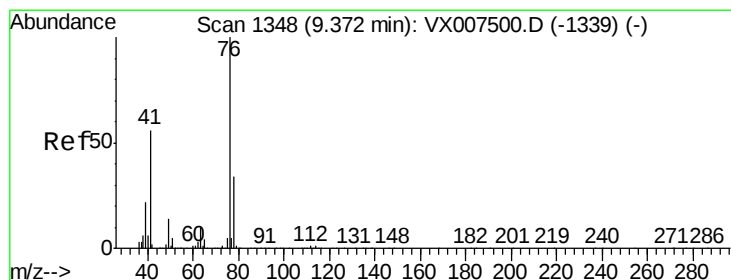
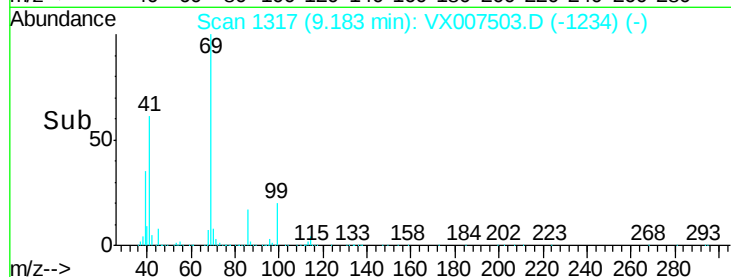
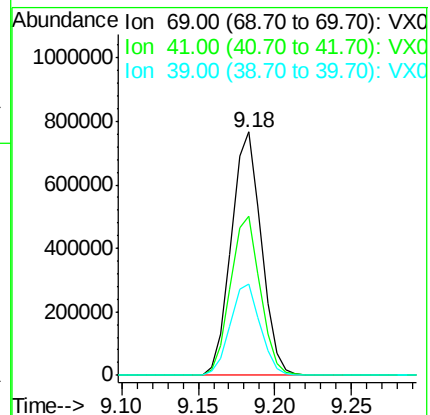
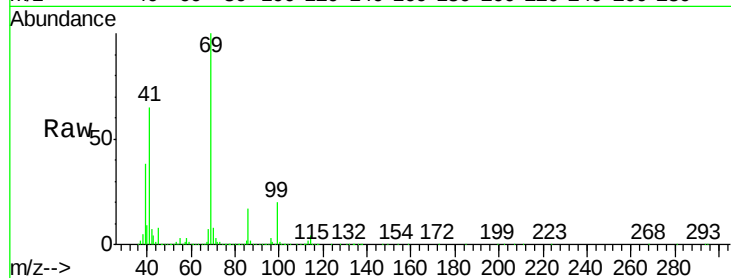
Tgt Ion: 69 Resp: 1044989

Ion Ratio Lower Upper

69 100

41 65.1 32.1 96.5

39 37.5 18.8 56.3



#52

1,3-Dichloropropane

Concen: 152.144 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007503.D

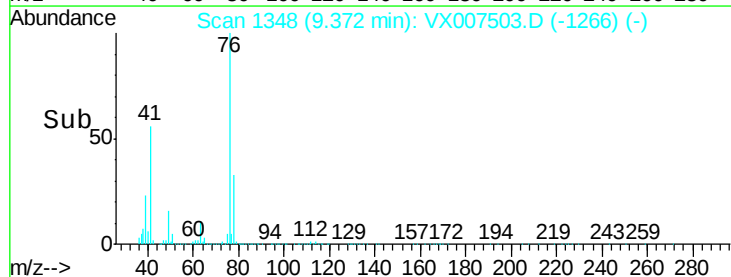
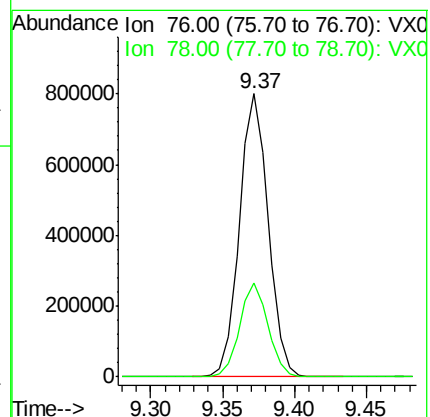
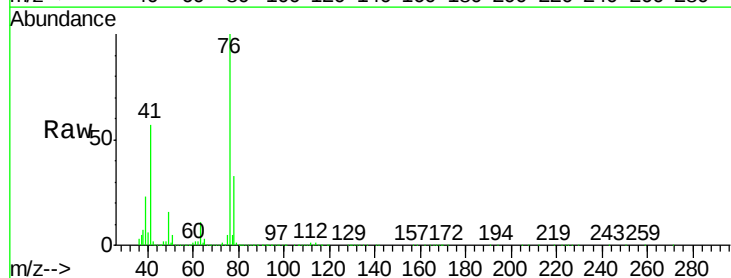
Acq: 13 Feb 2019 00:22

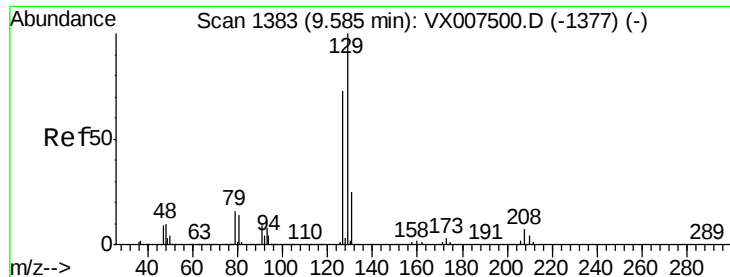
Tgt Ion: 76 Resp: 1113585

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.2





#53

Dibromochloromethane

Concen: 171.571 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

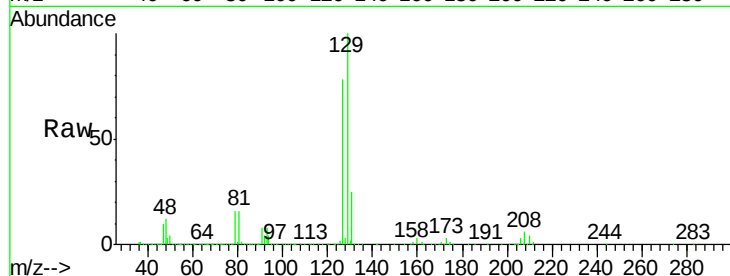
VSTDIC150

Tgt Ion:129 Resp: 792891

Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.59

600000

500000

400000

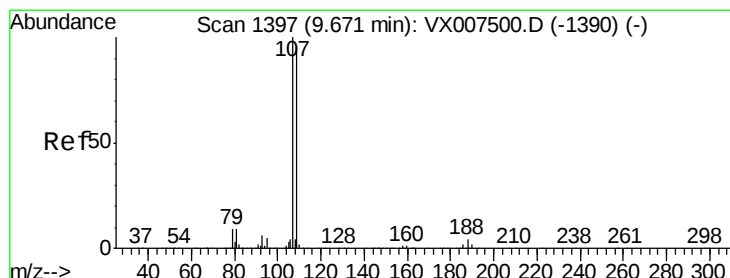
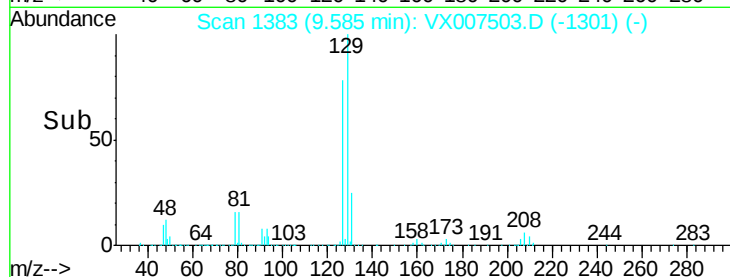
300000

200000

100000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 155.627 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007503.D

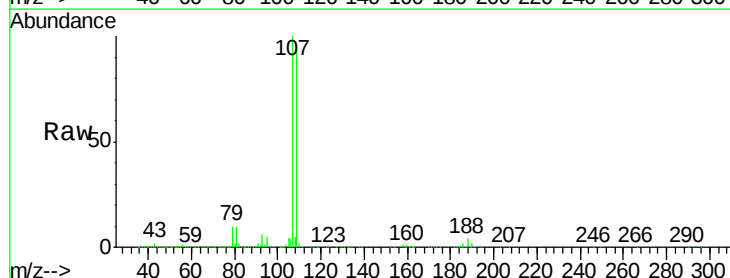
Acq: 13 Feb 2019 00:22

Tgt Ion:107 Resp: 762832

Ion Ratio Lower Upper

107 100

109 94.2 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

600000

500000

400000

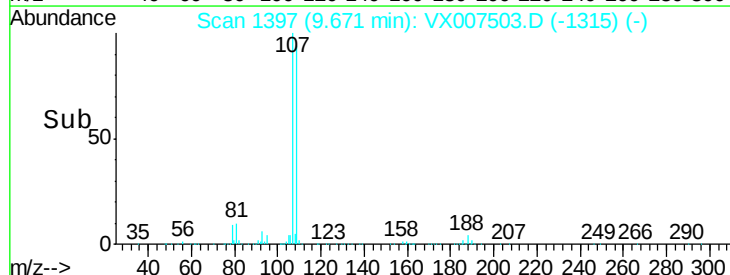
300000

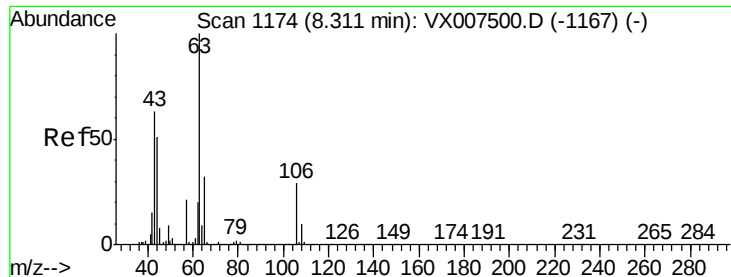
200000

100000

0

Time--> 9.60 9.65 9.70 9.75



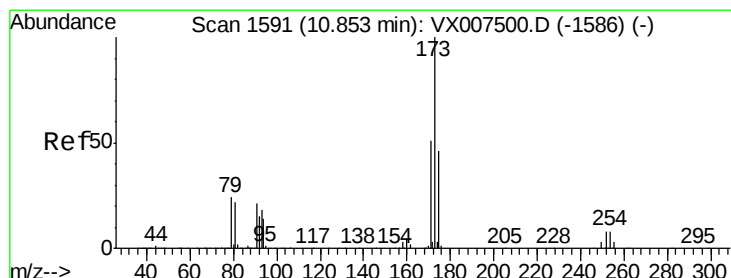
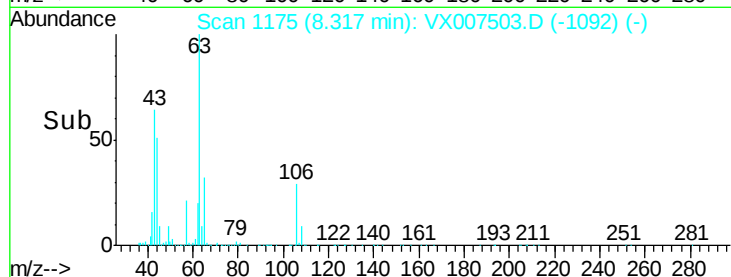
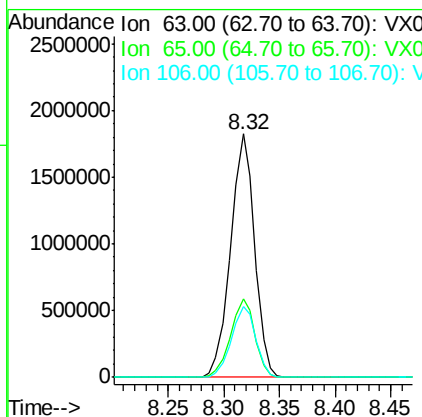
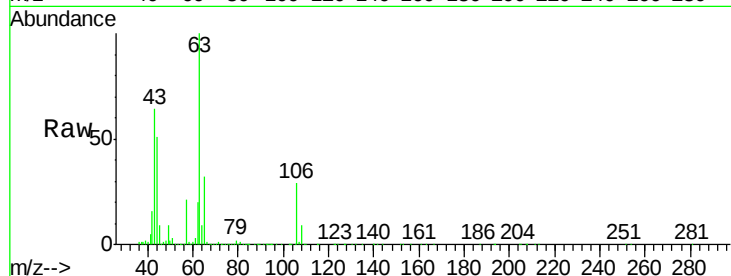


#55
 2-Chloroethyl vinyl ether
 Concen: 772.538 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 2715522

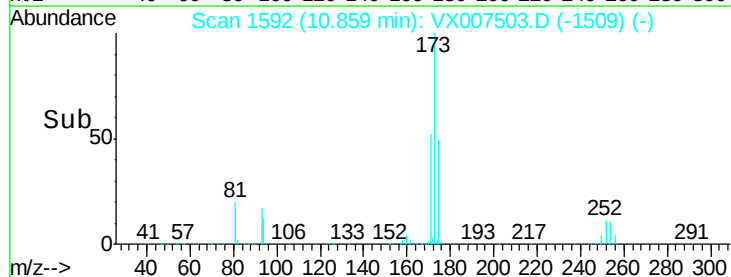
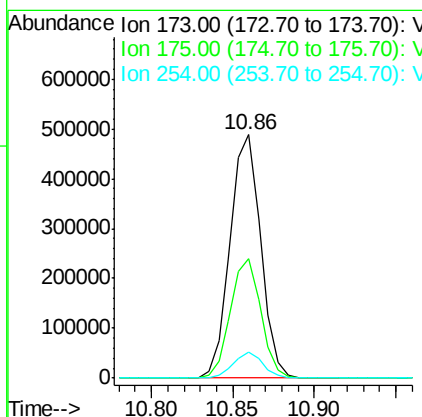
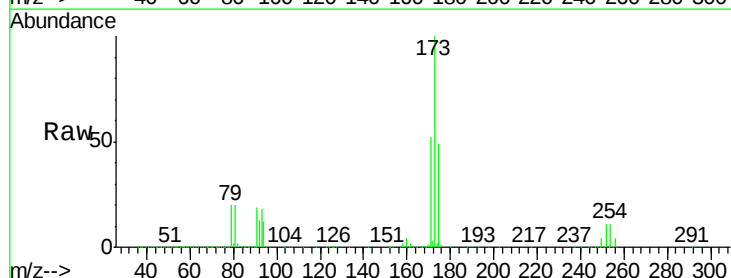
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.7	38.5
106	29.6	23.7	35.5

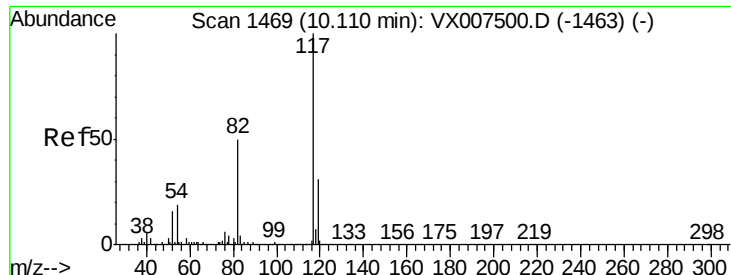


#56
 Bromoform
 Concen: 181.398 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 173 Resp: 637525

Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.5	57.7
254	10.3	7.4	11.2

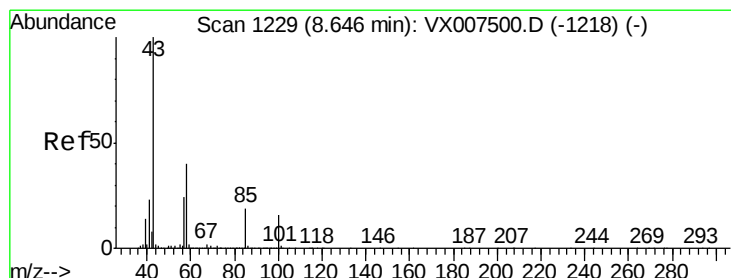
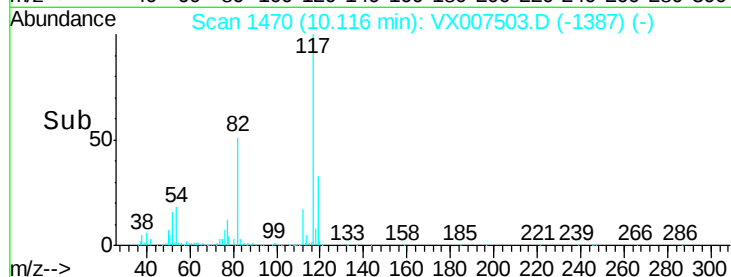
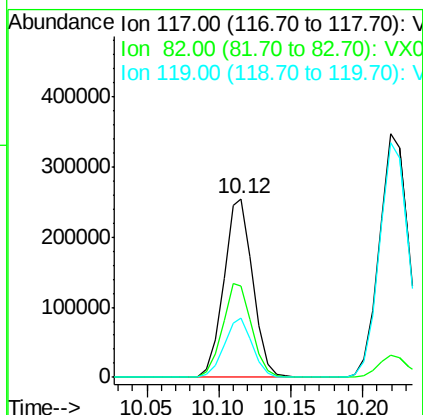
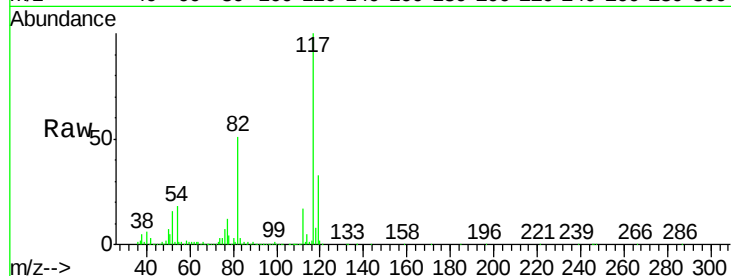




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

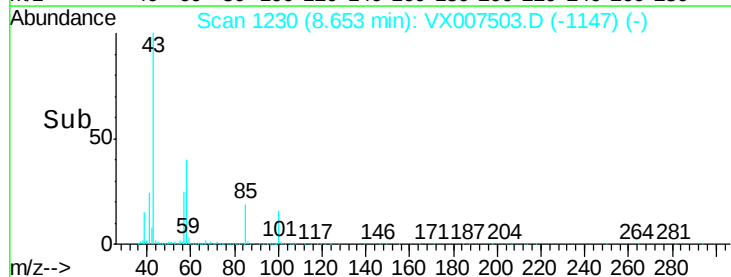
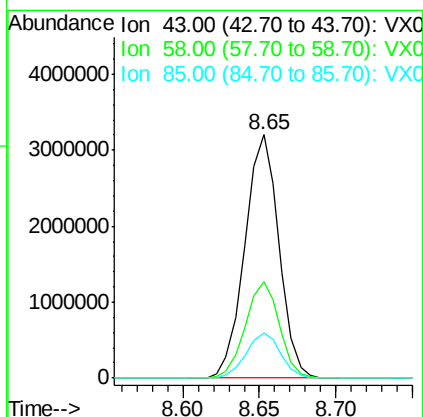
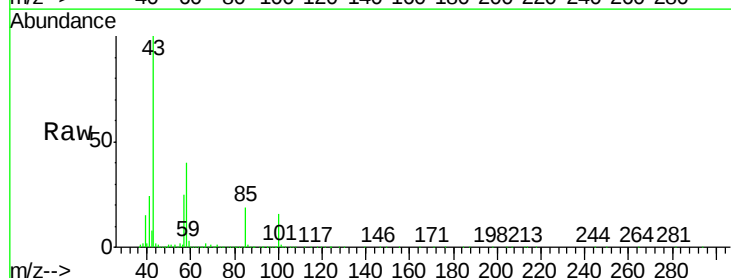
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

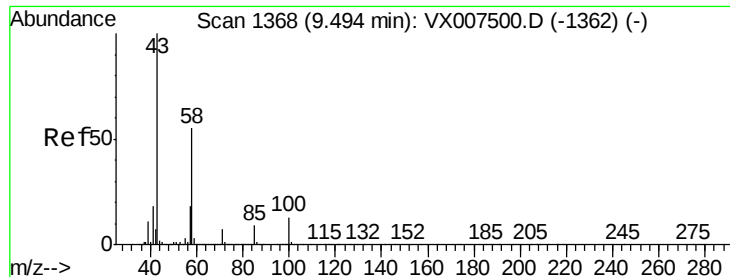
Tgt Ion: 117 Resp: 359024
Ion Ratio Lower Upper
117 100
82 52.1 40.4 60.6
119 32.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 811.107 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 43 Resp: 4955502
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.0
85 18.6 15.0 22.6

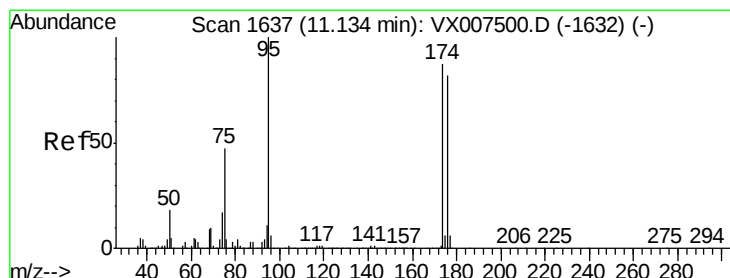
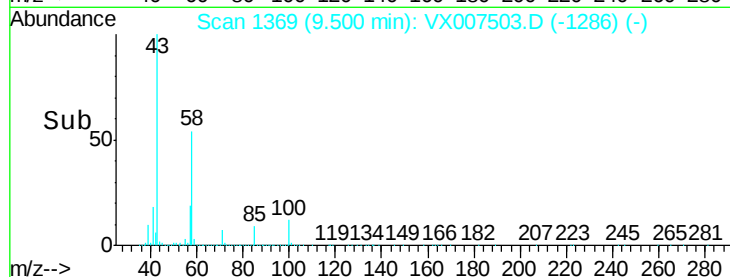
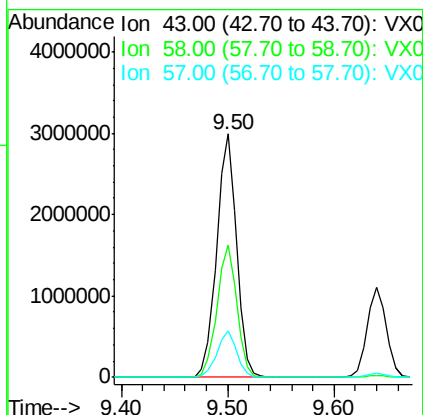
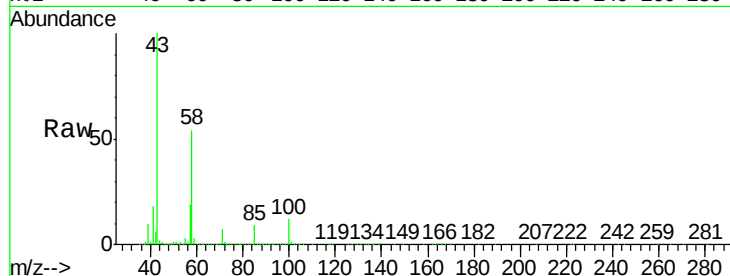




#59
2-Hexanone
Concen: 826.219 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

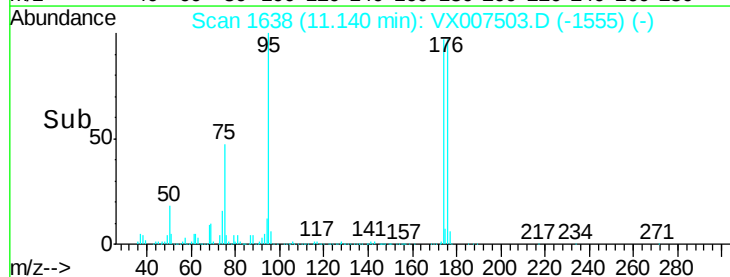
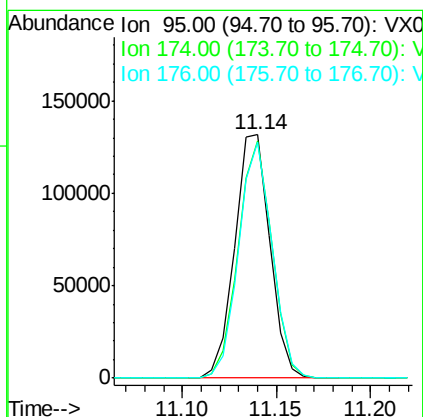
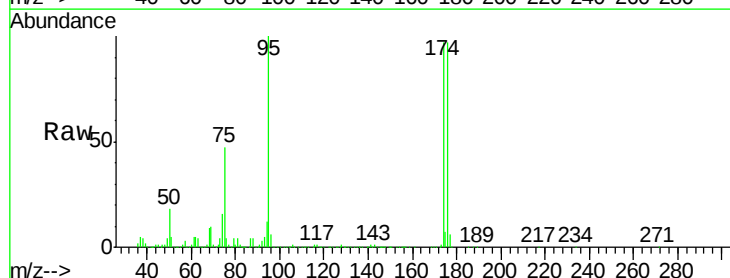
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

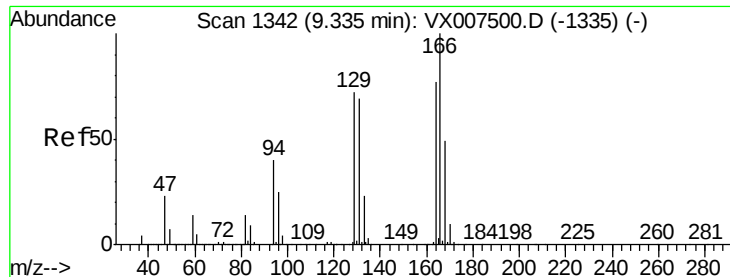
Tgt Ion: 43 Resp: 3869524
Ion Ratio Lower Upper
43 100
58 54.5 43.9 65.9
57 18.9 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 31.019 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 95 Resp: 171241
Ion Ratio Lower Upper
95 100
174 93.1 74.9 112.3
176 91.9 70.7 106.1





#61

Tetrachloroethene

Concen: 150.310 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 748858

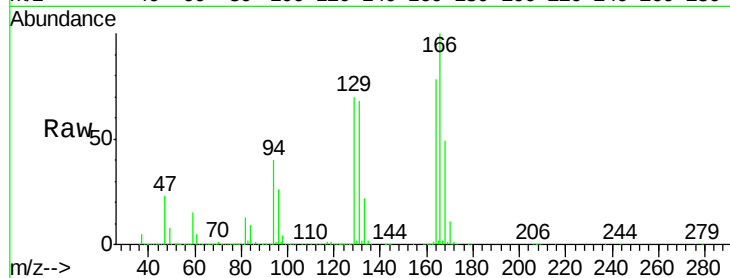
Ion Ratio Lower Upper

164 100

166 127.4 103.9 155.9

129 89.7 74.7 112.1

131 87.0 71.7 107.5

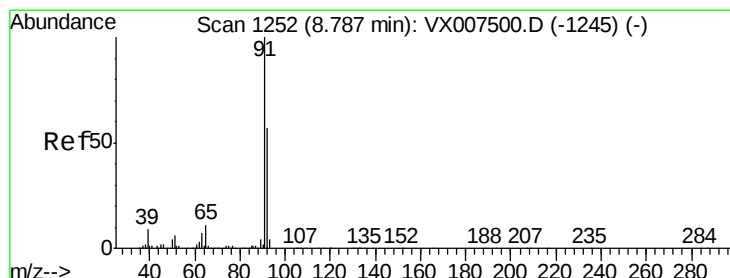
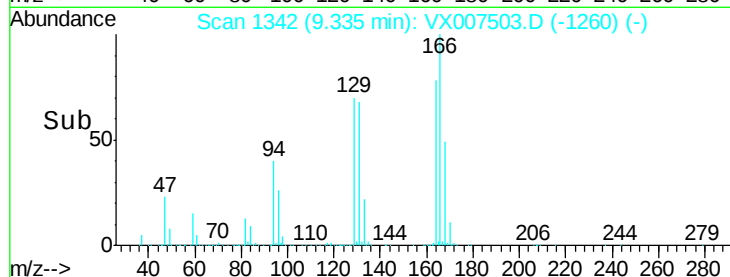
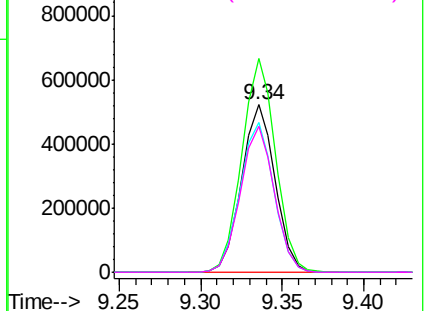


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 160.137 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007503.D

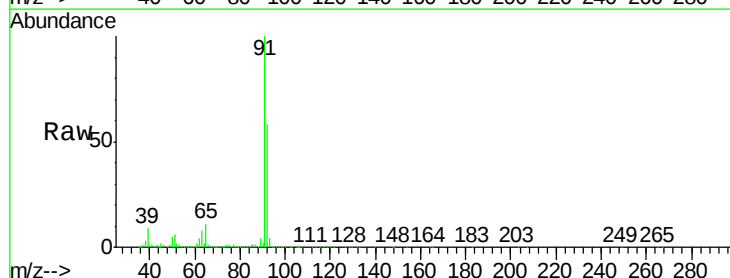
Acq: 13 Feb 2019 00:22

Tgt Ion: 91 Resp: 2948524

Ion Ratio Lower Upper

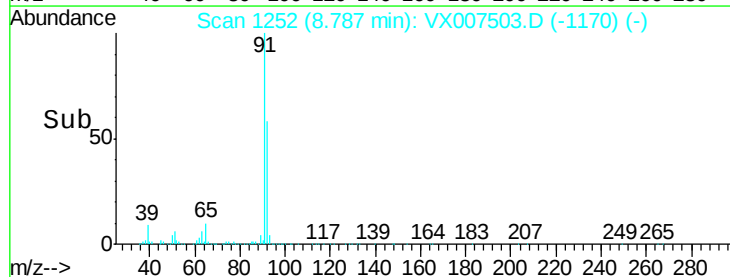
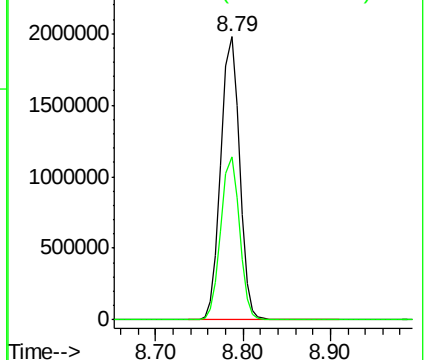
91 100

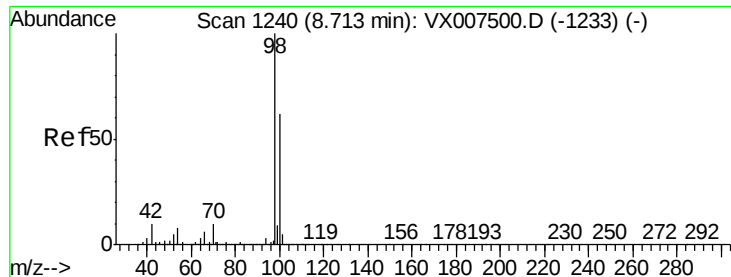
92 57.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.046 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

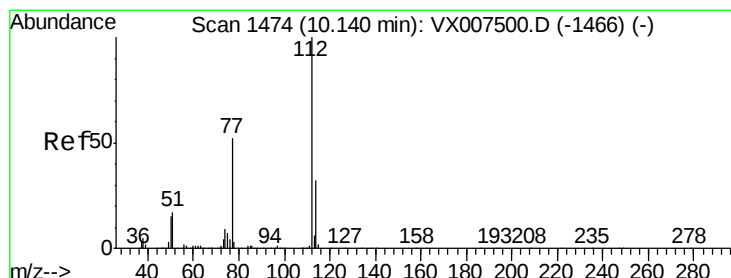
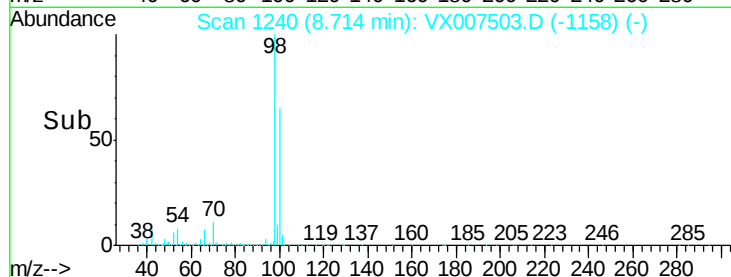
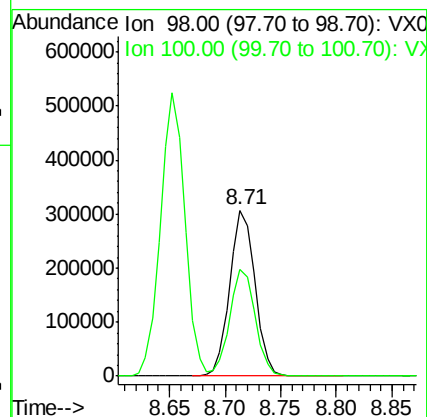
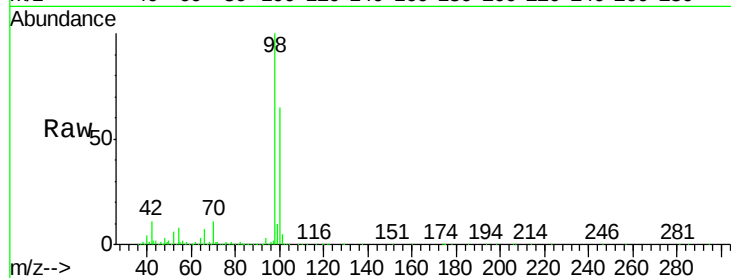
VSTDIC150

Tgt Ion: 98 Resp: 486303

Ion Ratio Lower Upper

98 100

100 64.9 50.9 76.3



#64

Chlorobenzene

Concen: 156.604 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007503.D

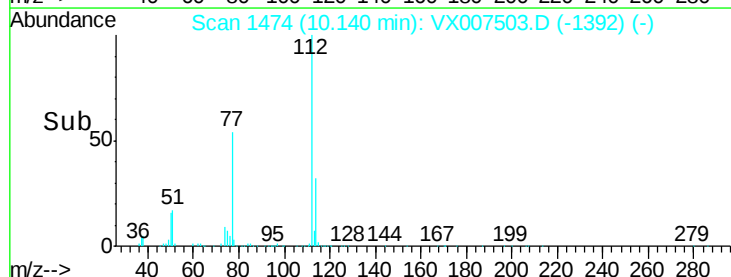
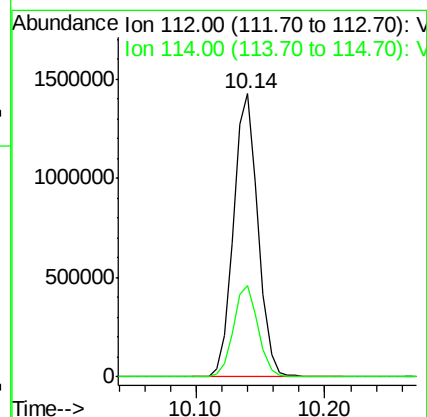
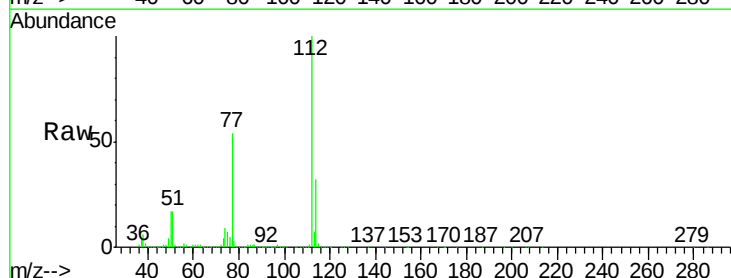
Acq: 13 Feb 2019 00:22

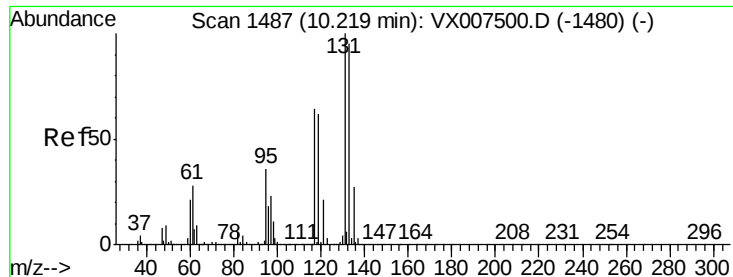
Tgt Ion: 112 Resp: 1900041

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2

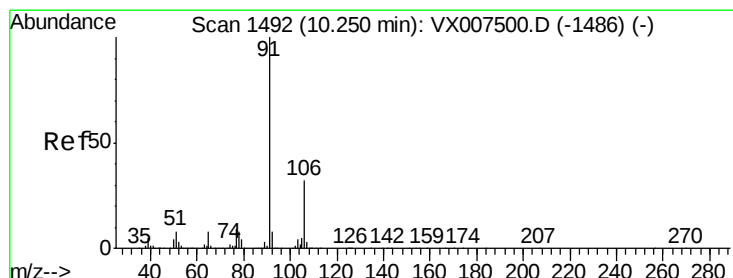
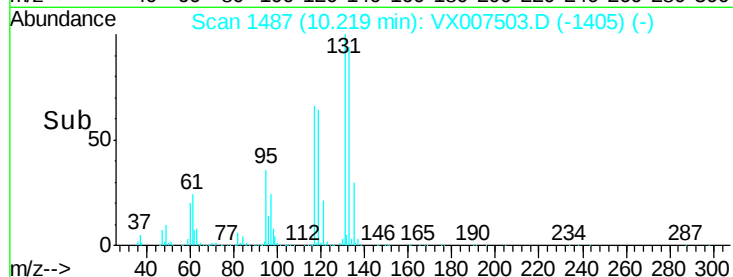
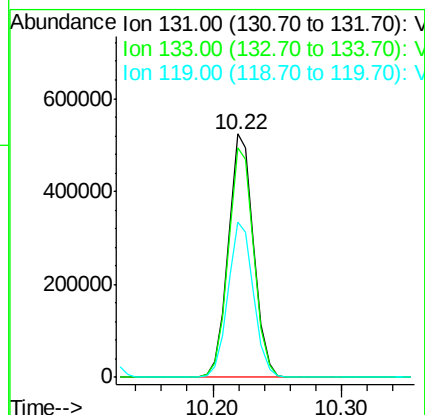
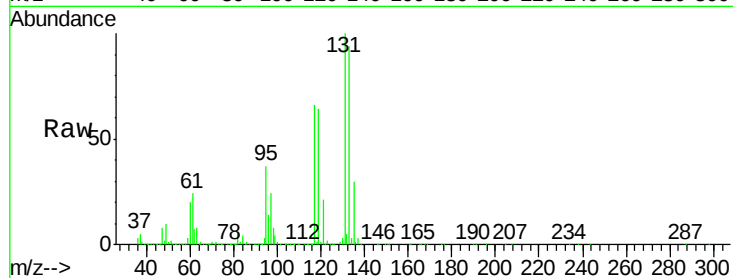




#65
 1,1,1,2-Tetrachloroethane
 Concen: 166.267 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

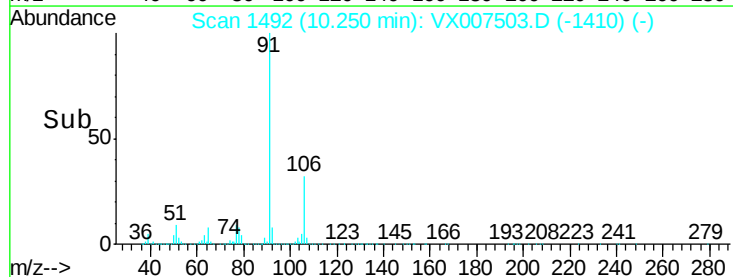
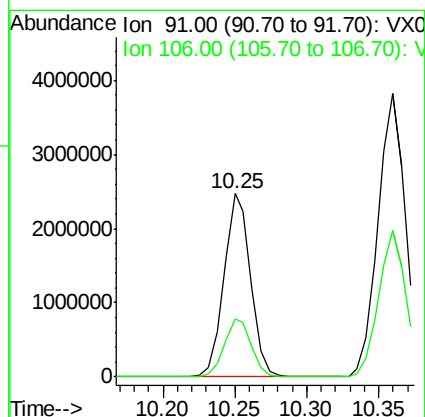
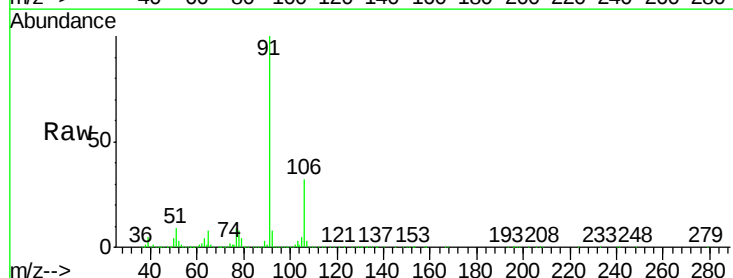
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

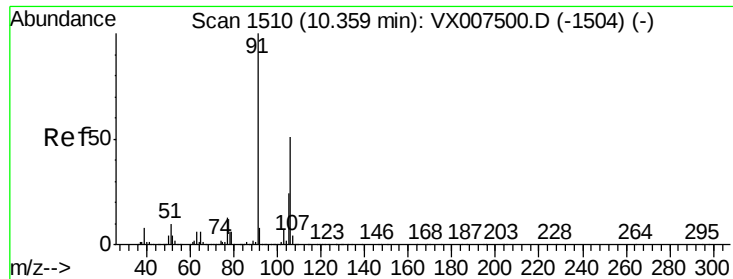
Tgt Ion: 131 Resp: 718708
 Ion Ratio Lower Upper
 131 100
 133 95.0 0.0 191.6
 119 64.2 0.0 127.4



#66
 Ethyl Benzene
 Concen: 160.606 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 91 Resp: 3183928
 Ion Ratio Lower Upper
 91 100
 106 31.7 26.0 39.0

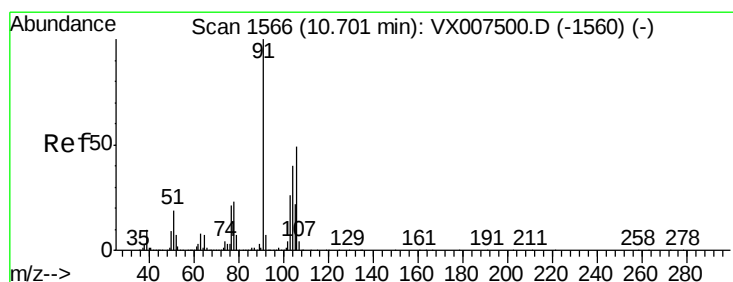
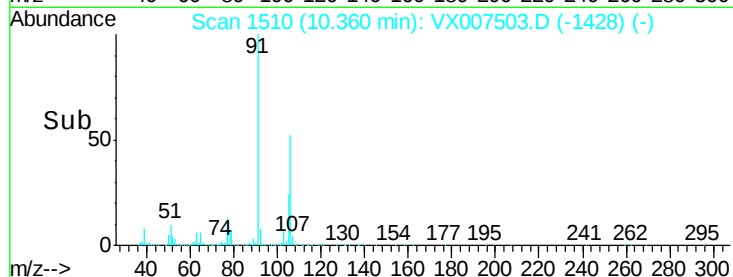
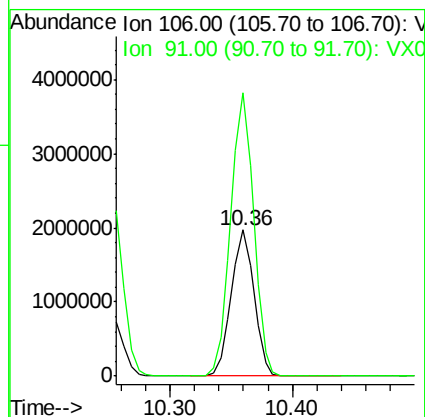
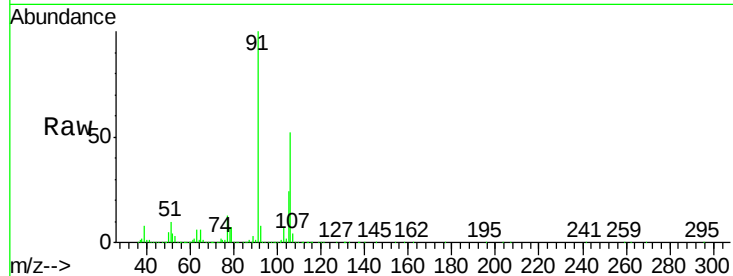




#67
m/p-Xylenes
Concen: 325.180 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

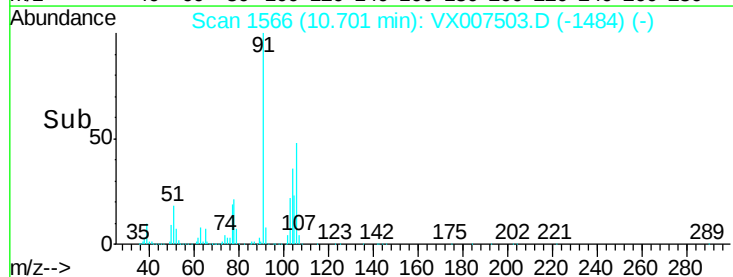
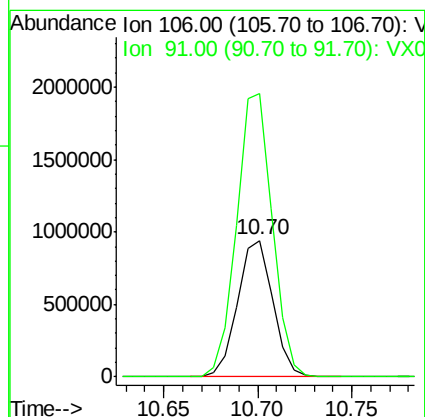
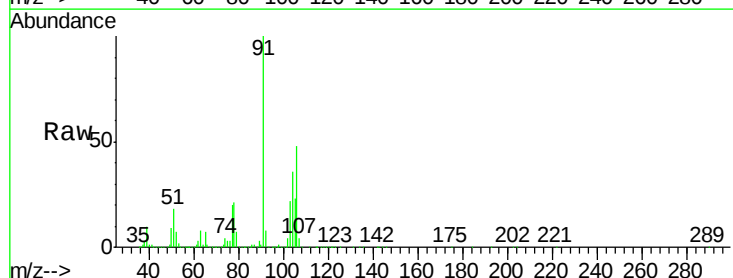
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

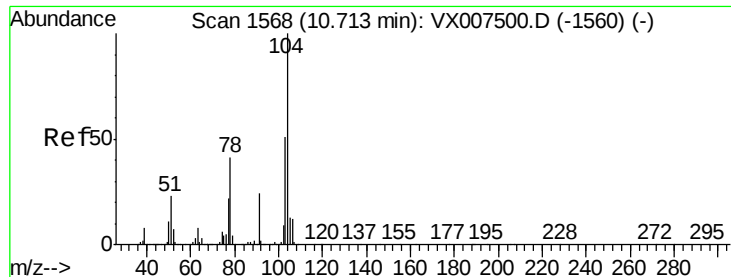
Tgt Ion:106 Resp: 2538692
Ion Ratio Lower Upper
106 100
91 195.1 157.0 235.4



#68
o-Xylene
Concen: 159.817 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion:106 Resp: 1222646
Ion Ratio Lower Upper
106 100
91 209.3 104.4 313.2





#69

Styrene

Concen: 165.074 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

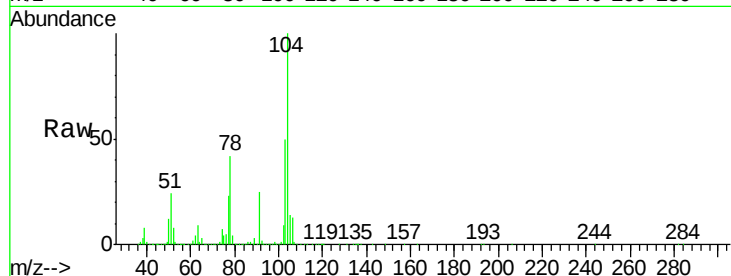
Tgt Ion:104 Resp: 2038141

Ion Ratio Lower Upper

104 100

78 47.8 38.2 57.2

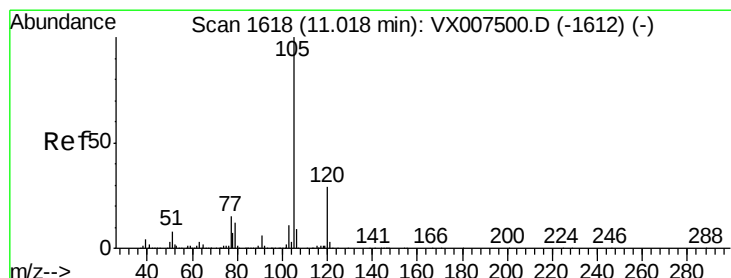
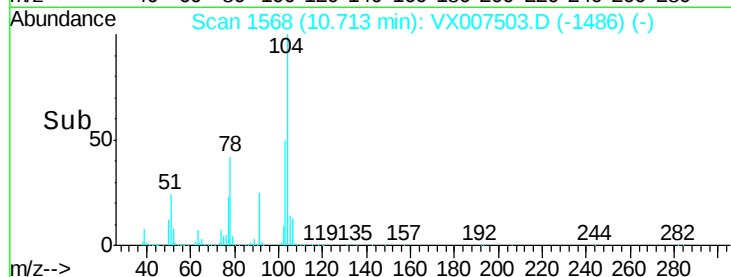
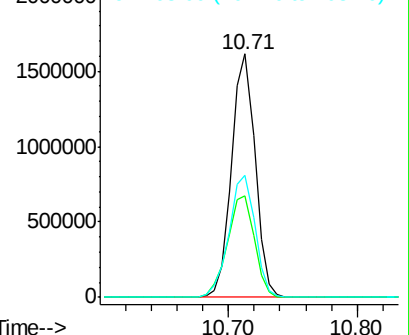
103 55.6 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 160.859 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007503.D

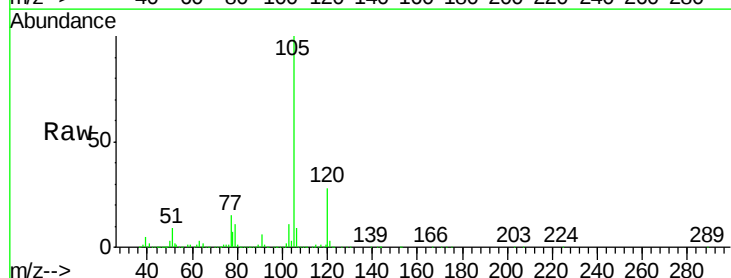
Acq: 13 Feb 2019 00:22

Tgt Ion:105 Resp: 3251764

Ion Ratio Lower Upper

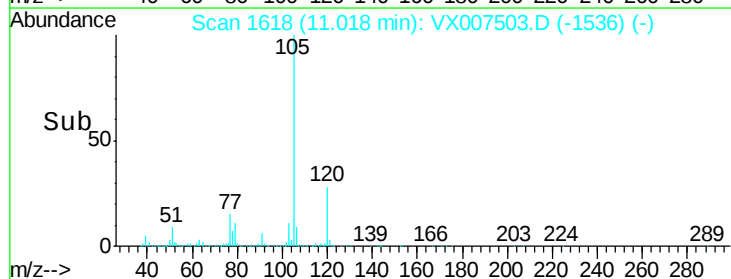
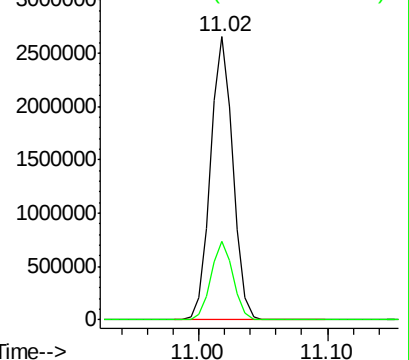
105 100

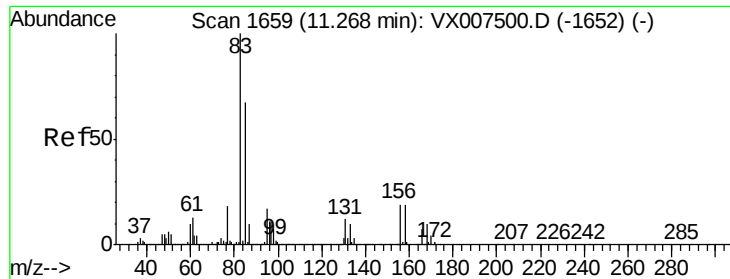
120 27.6 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

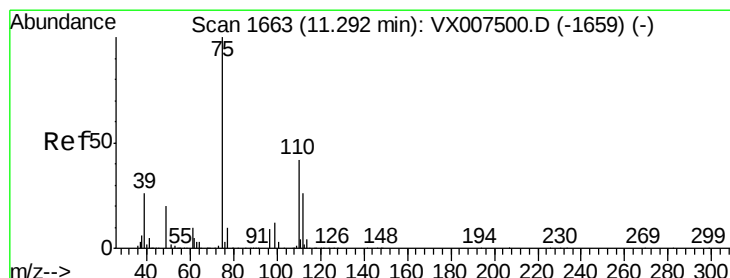
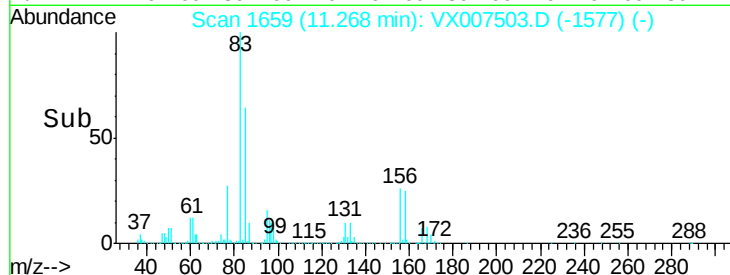
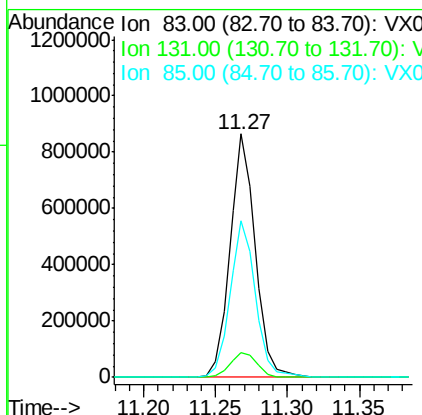
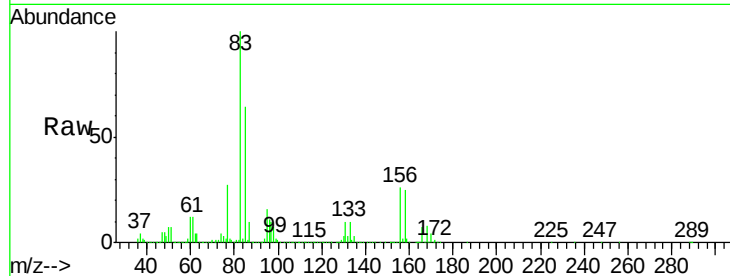




#71
 1,1,2,2-Tetrachloroethane
 Concen: 163.092 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

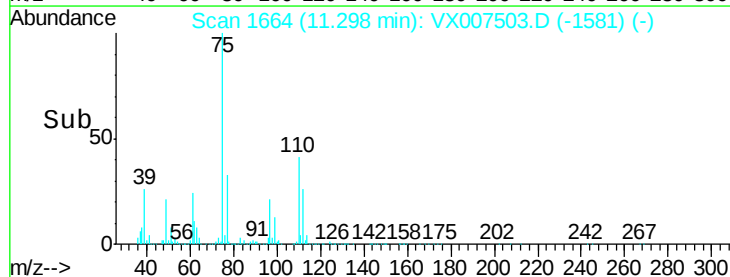
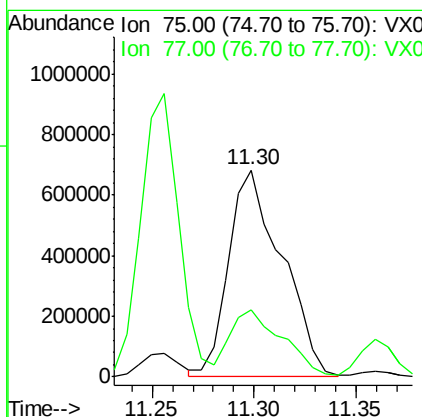
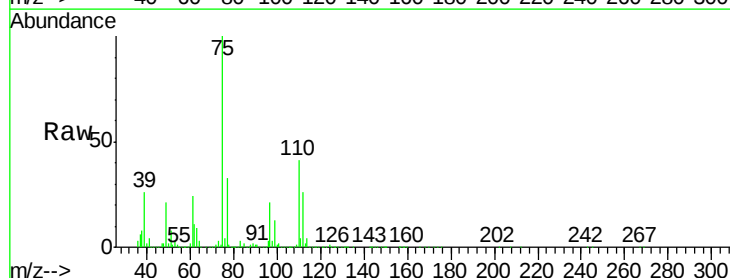
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

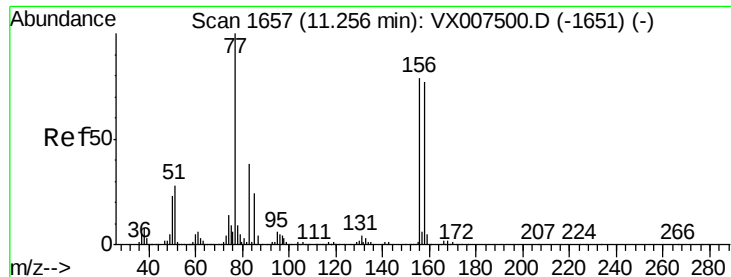
Tgt Ion: 83 Resp: 1067396
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.4 16.2
 85 64.5 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 202.470 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion: 75 Resp: 1235513
 Ion Ratio Lower Upper
 75 100
 77 31.8 0.0 76.4





#73

Bromobenzene

Concen: 157.817 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

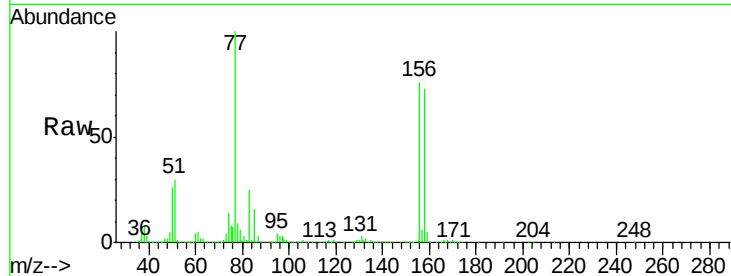
Tgt Ion:156 Resp: 882714

Ion Ratio Lower Upper

156 100

77 137.9 0.0 271.4

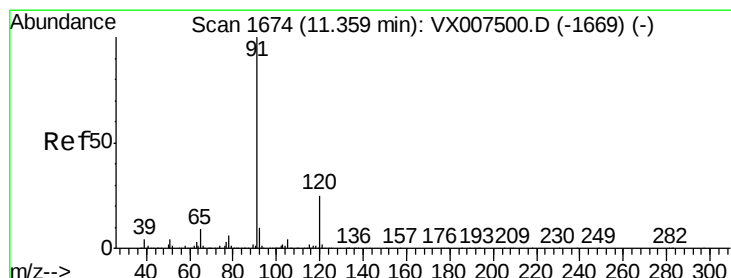
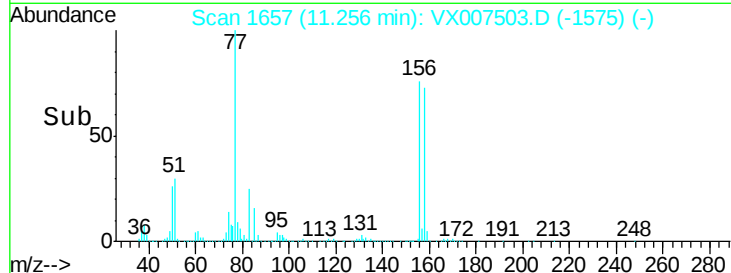
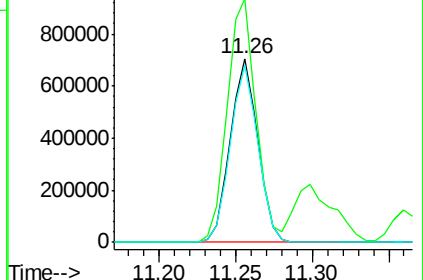
158 96.7 0.0 194.0



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: 161.748 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007503.D

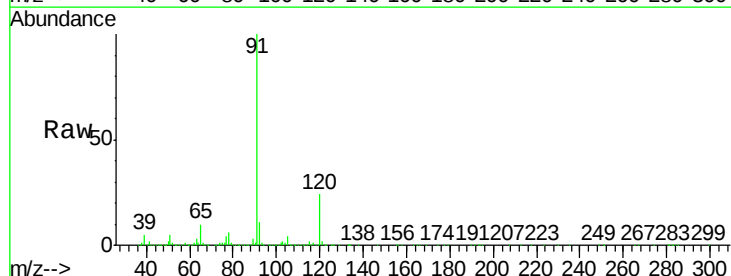
Acq: 13 Feb 2019 00:22

Tgt Ion: 91 Resp: 3668299

Ion Ratio Lower Upper

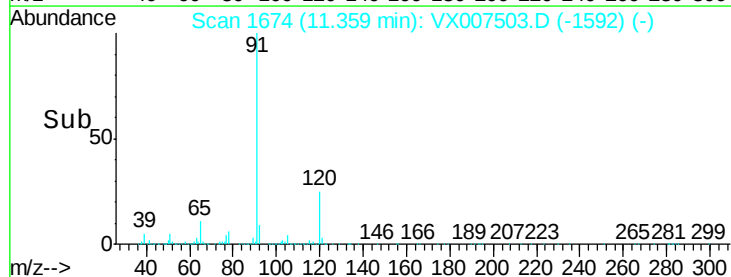
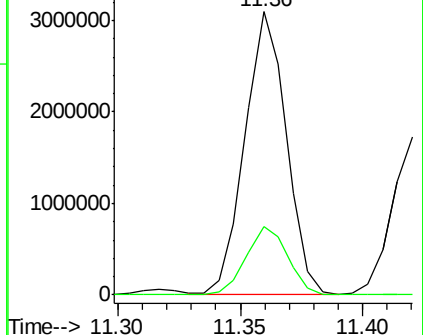
91 100

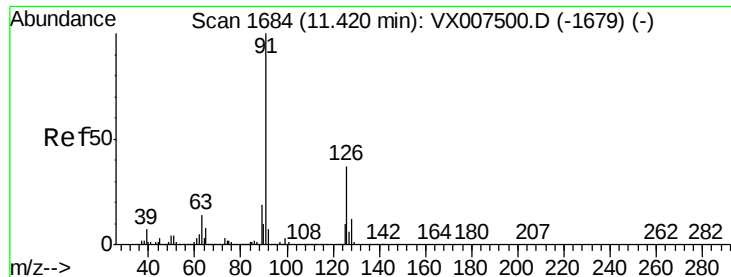
120 24.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 158.525 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

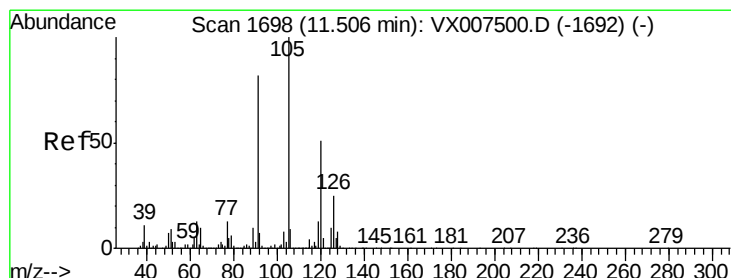
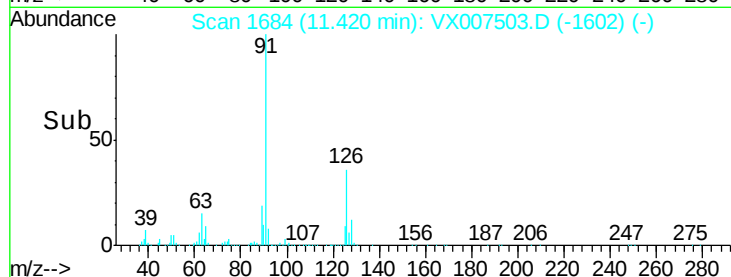
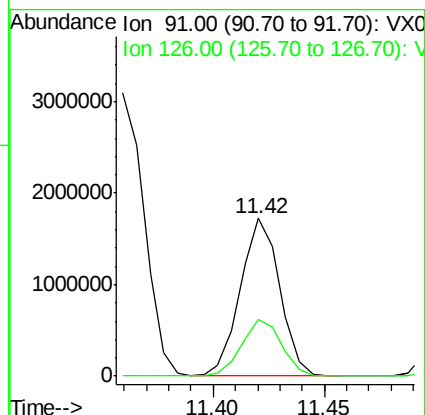
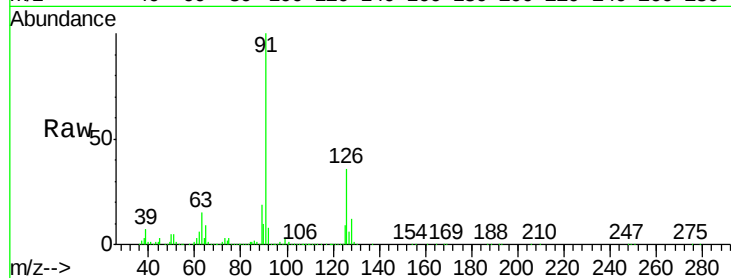
VSTDIC150

Tgt Ion: 91 Resp: 2135172

Ion Ratio Lower Upper

91 100

126 36.5 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 161.553 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007503.D

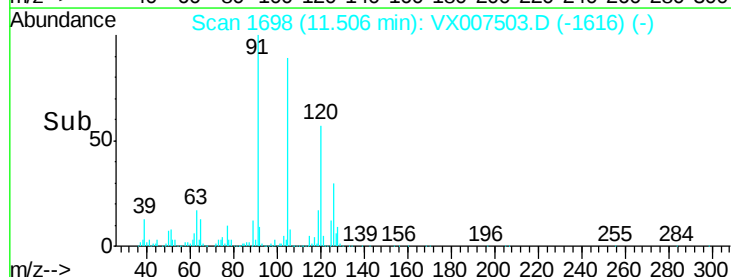
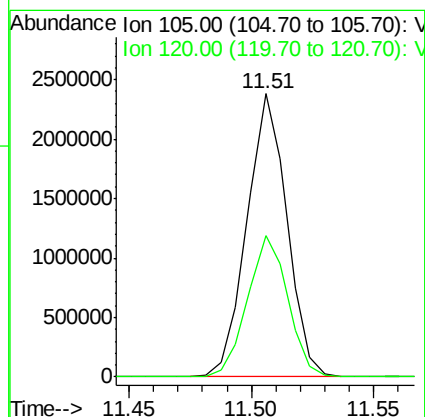
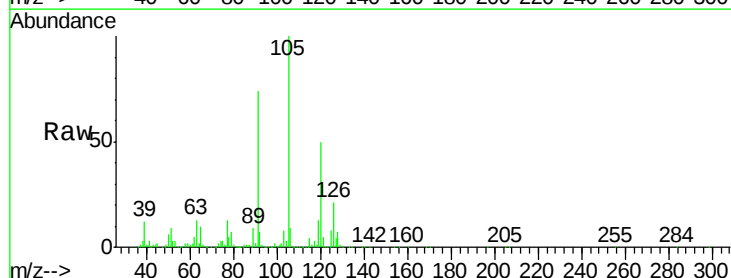
Acq: 13 Feb 2019 00:22

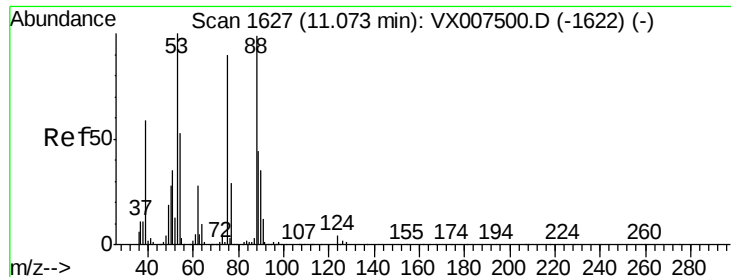
Tgt Ion: 105 Resp: 2714099

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 186.073 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

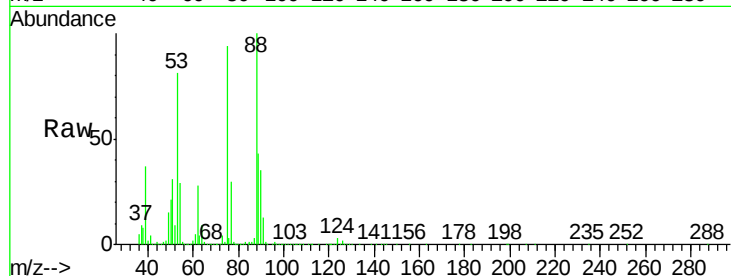
Tgt Ion: 75 Resp: 332361

Ion Ratio Lower Upper

75 100

53 85.6 55.5 166.7

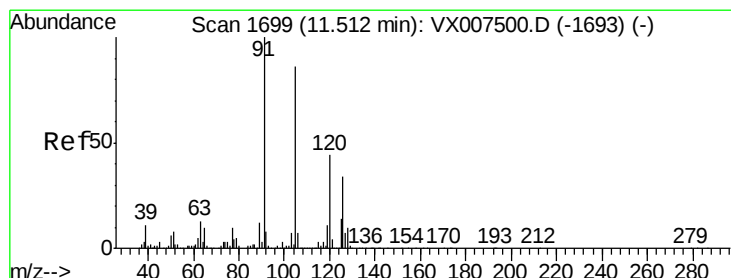
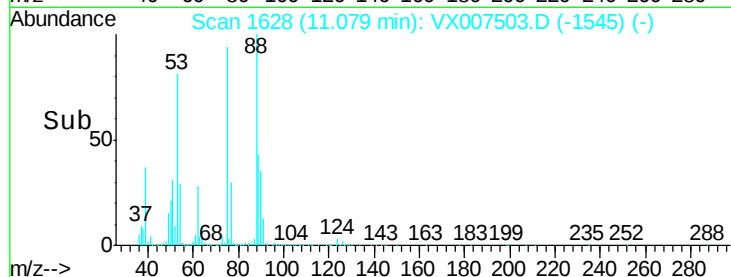
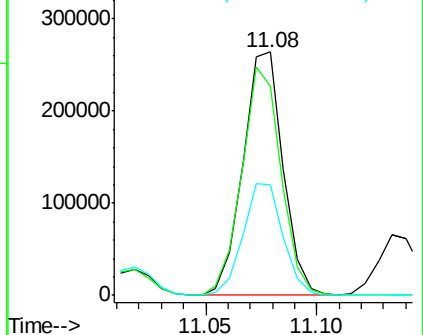
89 45.4 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 164.130 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007503.D

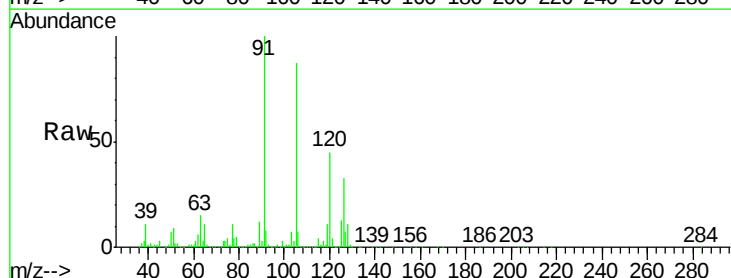
Acq: 13 Feb 2019 00:22

Tgt Ion: 91 Resp: 2558828

Ion Ratio Lower Upper

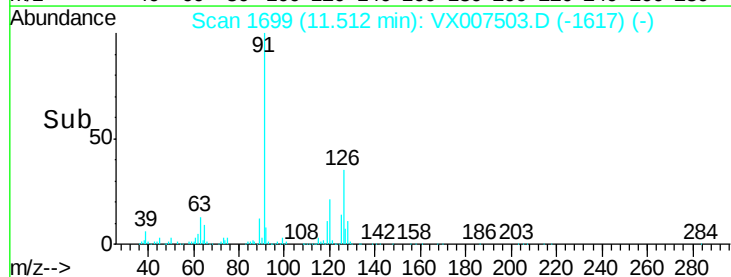
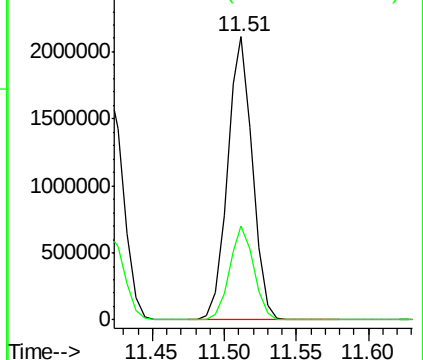
91 100

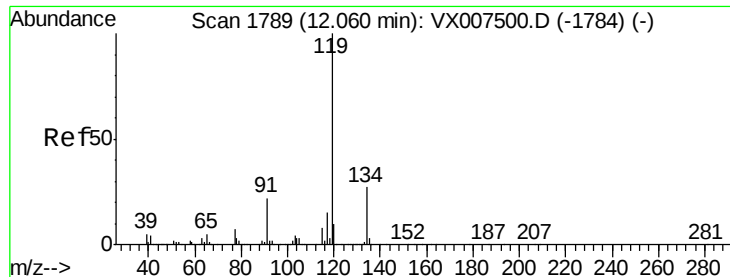
126 32.0 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

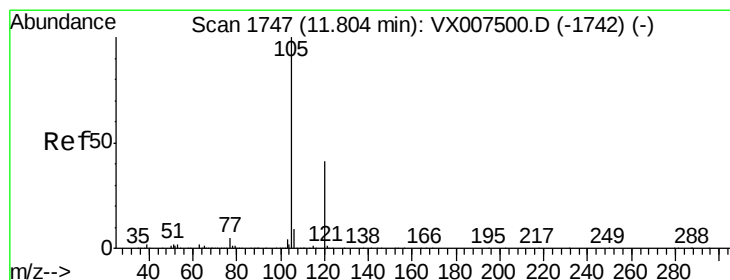
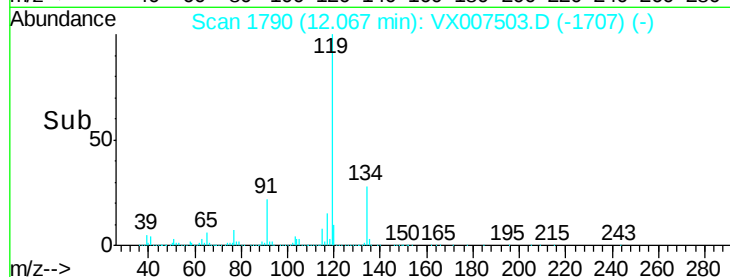
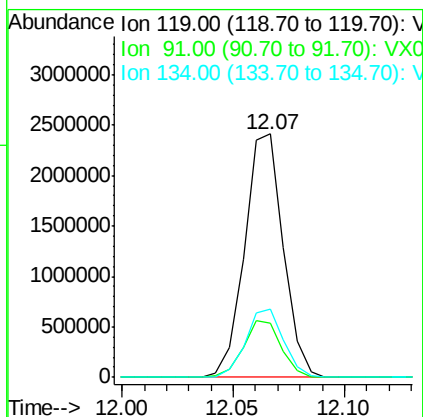
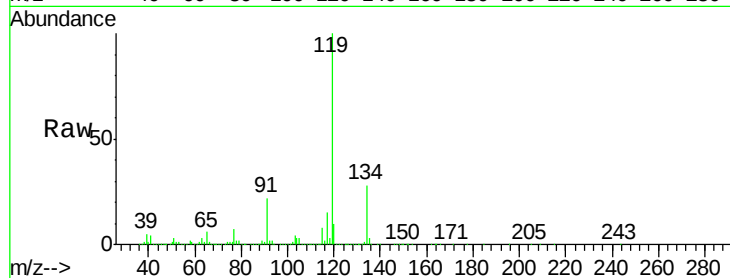




#79
tert-butylbenzene
Concen: 160.185 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

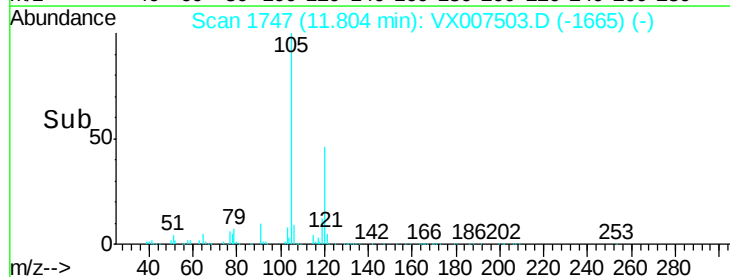
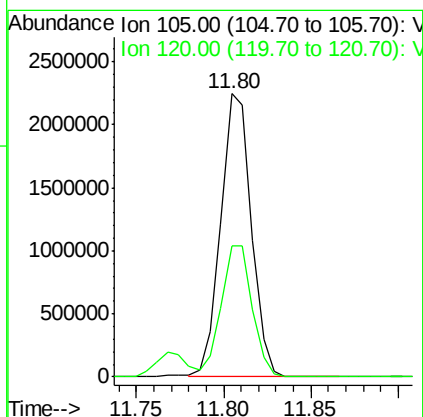
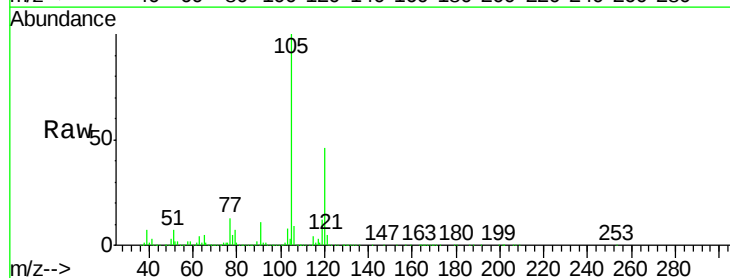
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

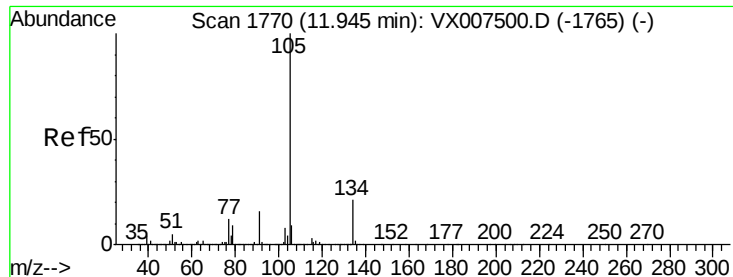
Tgt Ion:119 Resp: 2906098
Ion Ratio Lower Upper
119 100
91 22.9 0.0 45.0
134 27.6 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 160.536 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion:105 Resp: 2730737
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.0

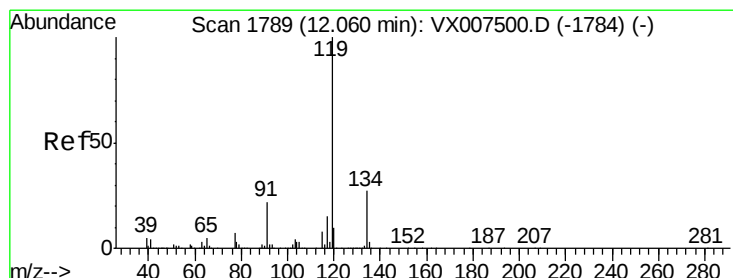
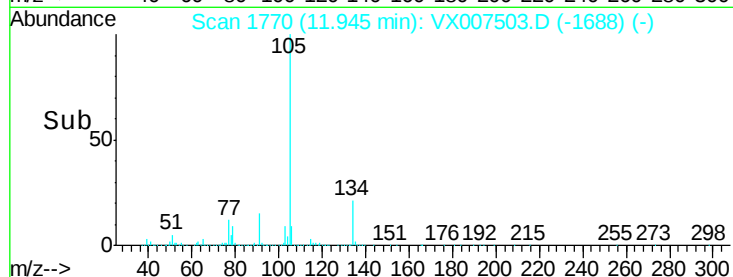
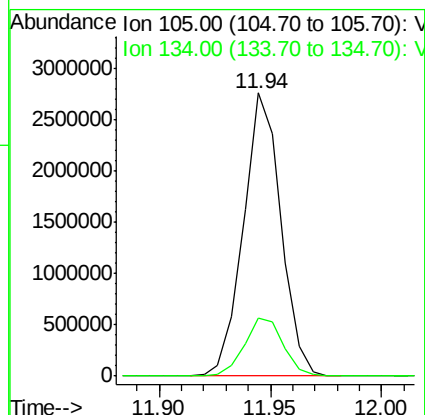
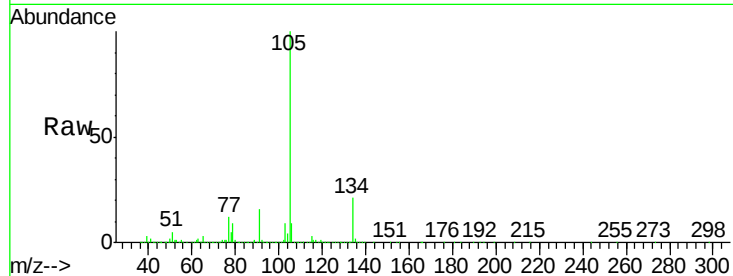




#81
 sec-Butylbenzene
 Concen: 160.679 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

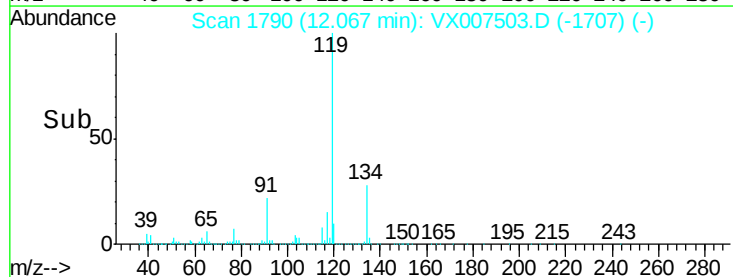
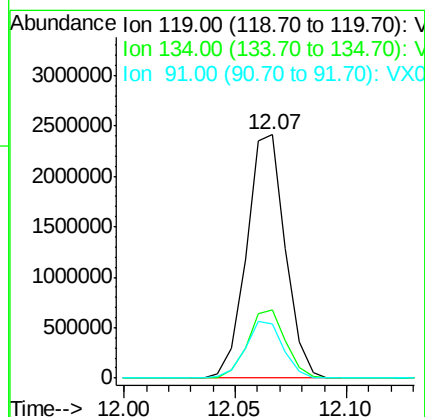
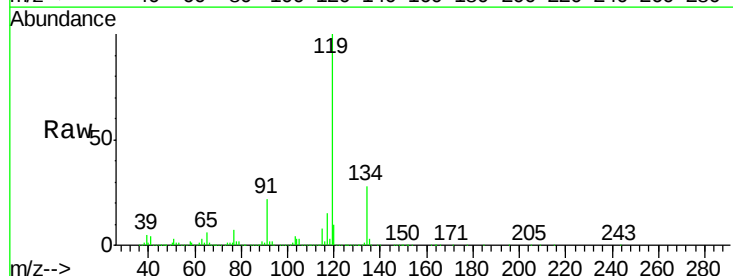
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

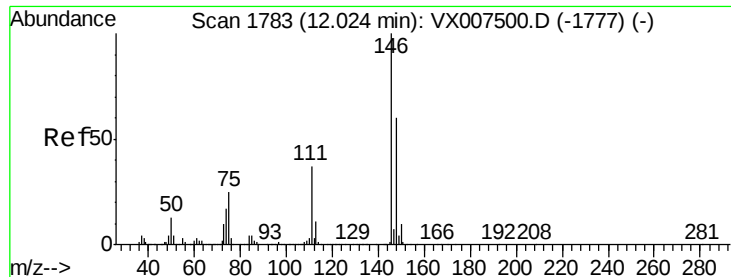
Tgt Ion:105 Resp: 3246119
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 160.185 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion:119 Resp: 2906098
 Ion Ratio Lower Upper
 119 100
 134 27.6 0.0 55.4
 91 22.9 0.0 45.0

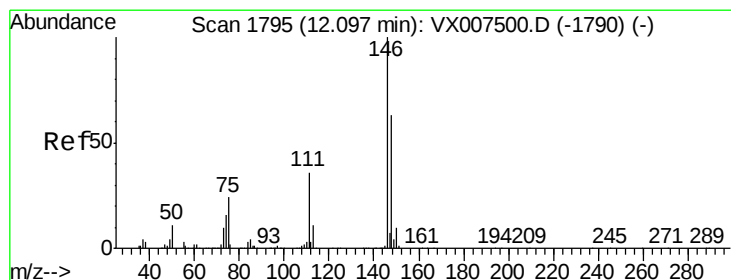
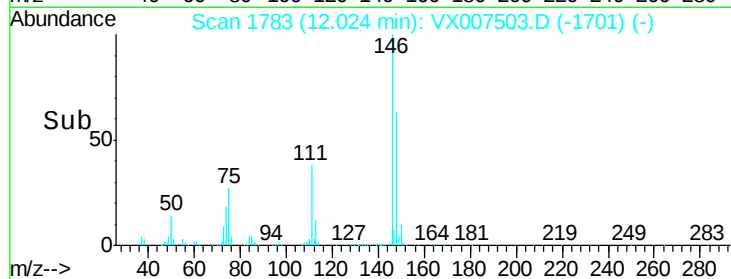
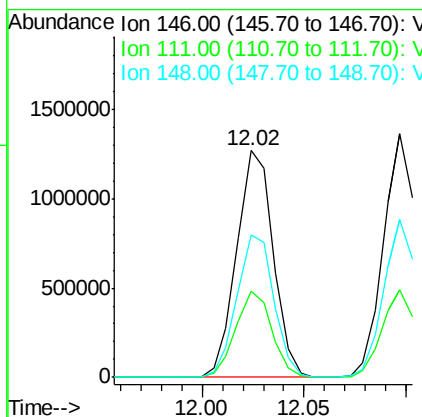
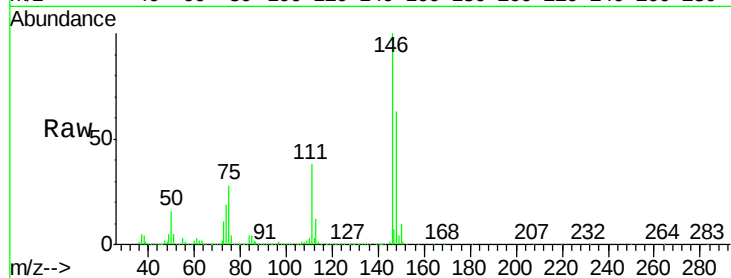




#83
 1,3-Dichlorobenzene
 Concen: 159.656 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

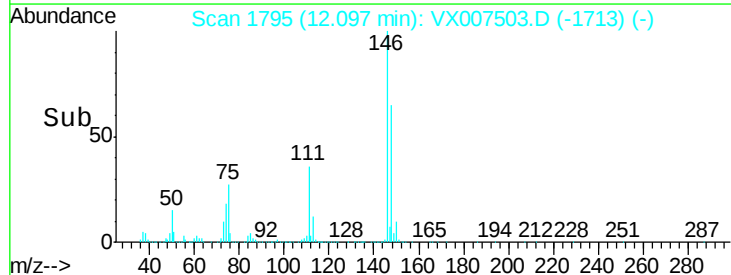
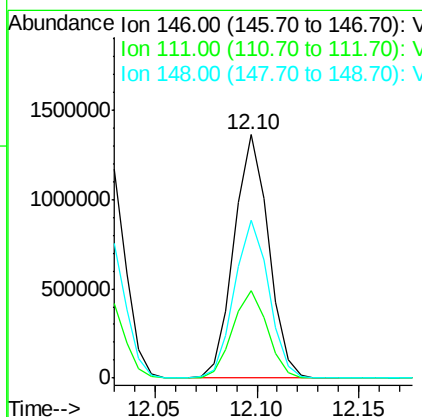
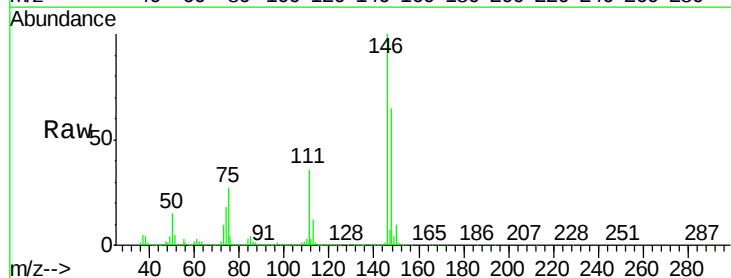
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

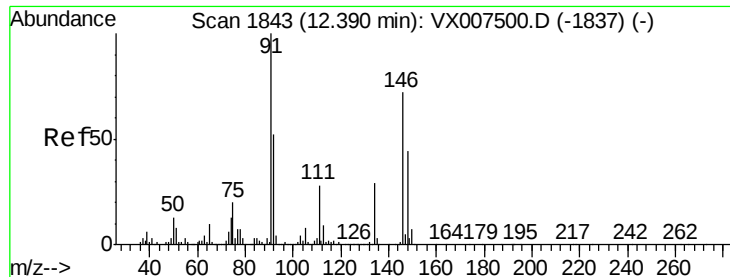
Tgt Ion:146 Resp: 1582584
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 63.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 160.951 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion:146 Resp: 1594083
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.6 52.8
 148 64.8 31.4 94.2

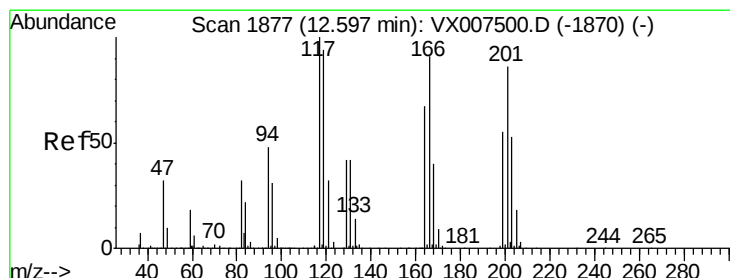
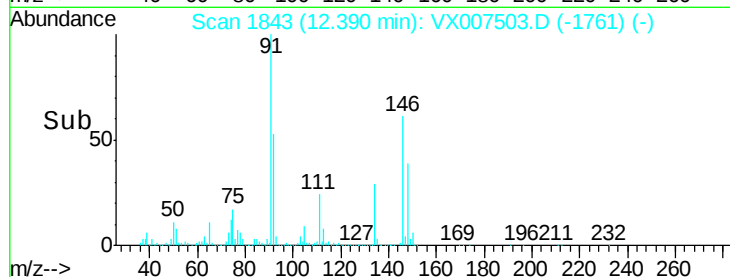
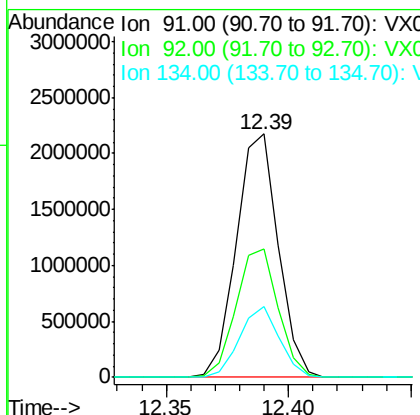
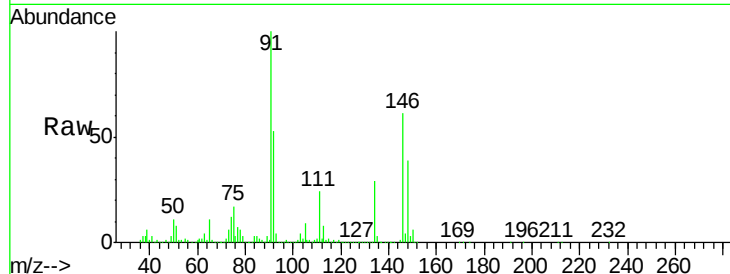




#85
n-Butylbenzene
Concen: 166.445 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

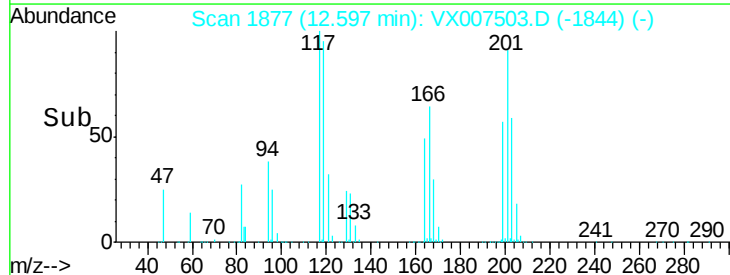
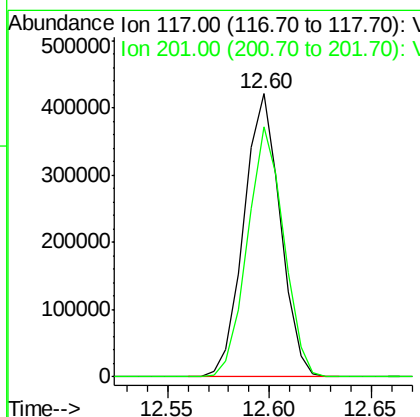
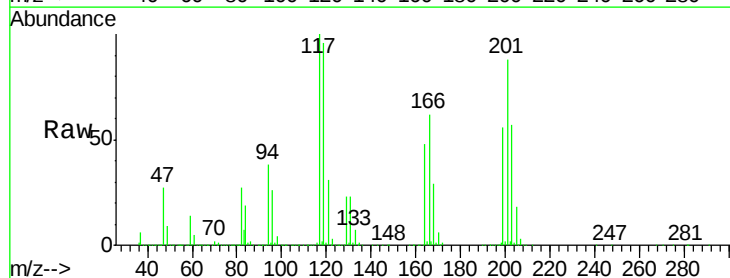
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

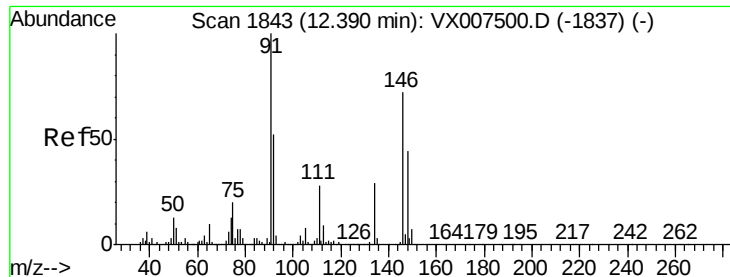
Tgt Ion: 91 Resp: 2578941
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.2
134 28.0 0.0 56.4



#86
Hexachloroethane
Concen: 182.272 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion: 117 Resp: 522025
Ion Ratio Lower Upper
117 100
201 88.4 41.1 123.3





#87

1,2-Dichlorobenzene

Concen: 160.939 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

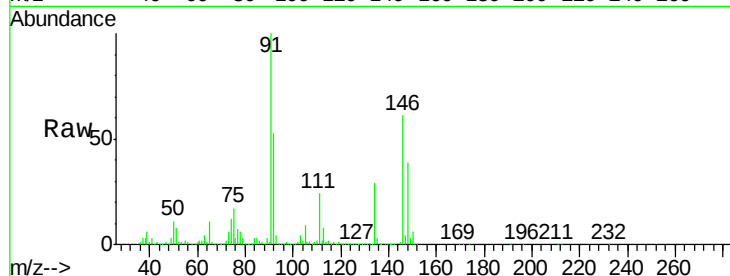
Tgt Ion:146 Resp: 1593512

Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

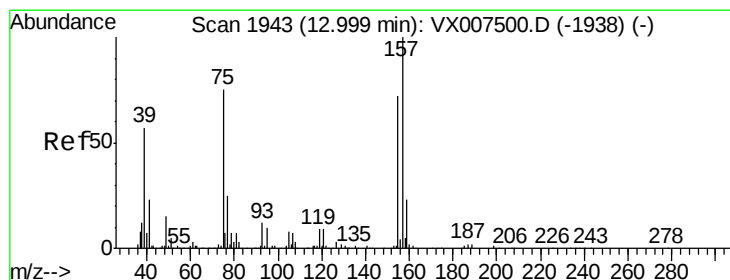
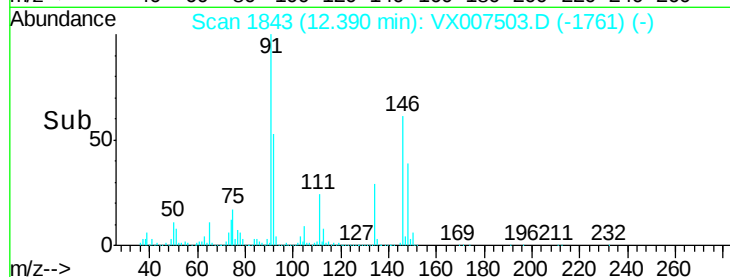
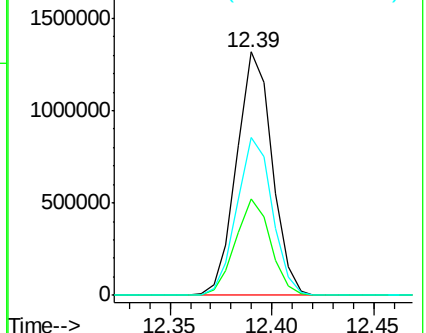
148 65.1 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 181.940 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007503.D

Acq: 13 Feb 2019 00:22

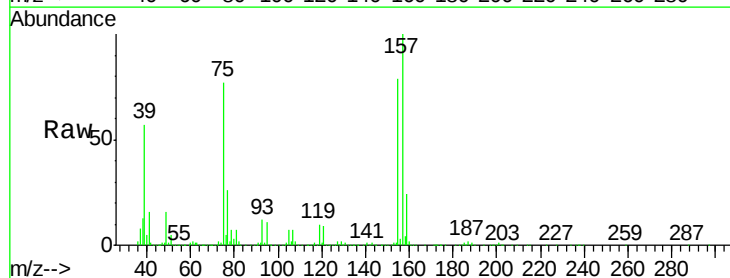
Tgt Ion: 75 Resp: 243336

Ion Ratio Lower Upper

75 100

155 102.2 81.0 121.6

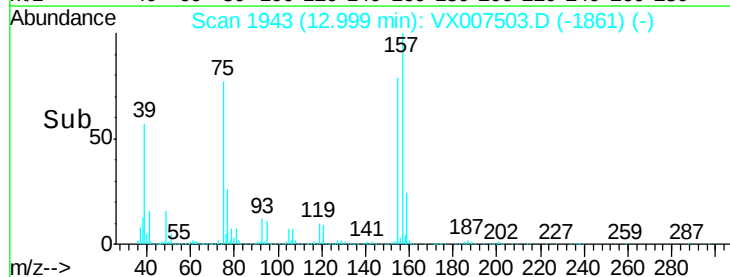
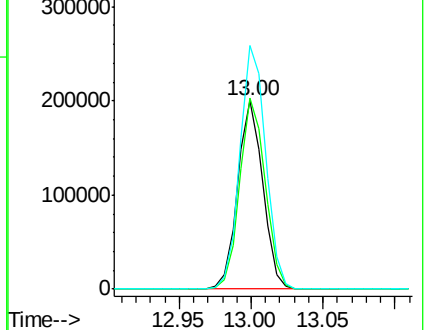
157 131.8 103.2 154.8

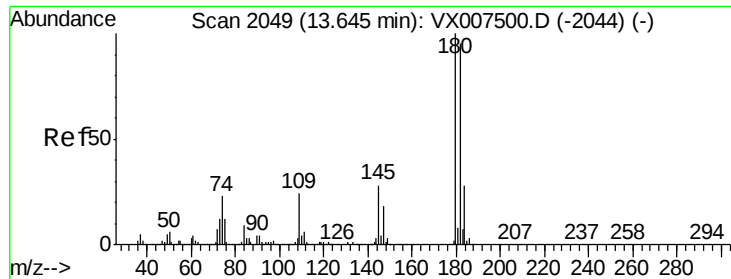


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

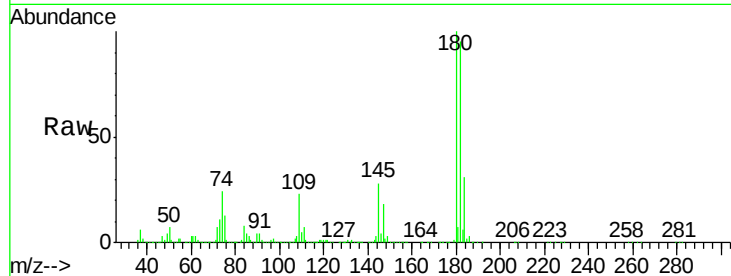




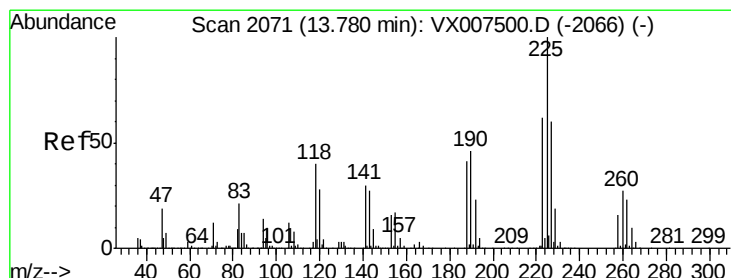
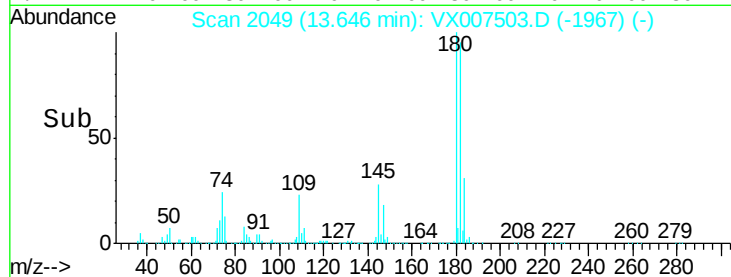
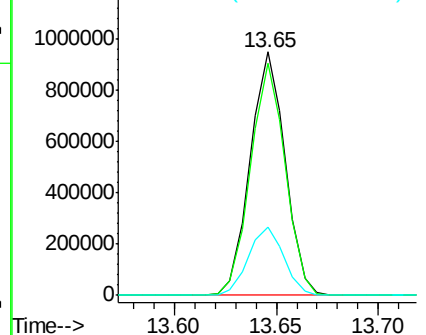
#89
 1,2,4-Trichlorobenzene
 Concen: 168.134 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1131467
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.6 113.4
 145 28.5 23.0 34.6

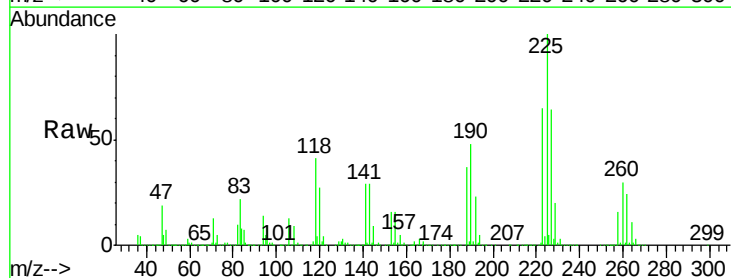


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

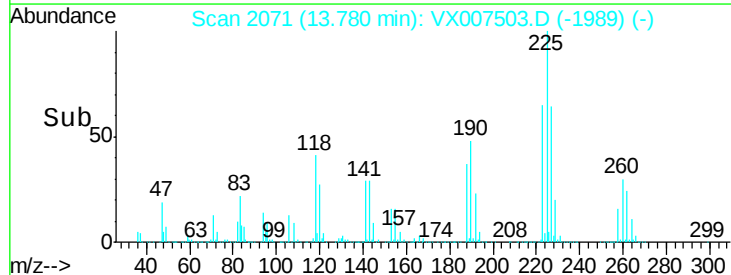
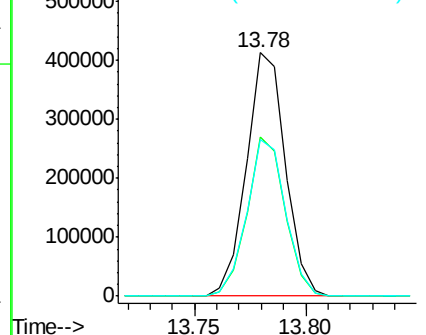


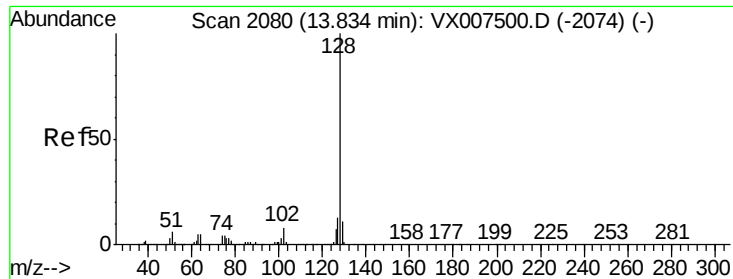
#90
 Hexachlorobutadiene
 Concen: 157.574 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007503.D
 Acq: 13 Feb 2019 00:22

Tgt Ion:225 Resp: 504954
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 123.8
 227 64.3 0.0 124.4



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

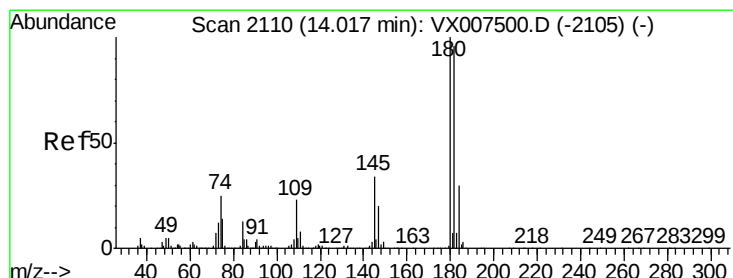
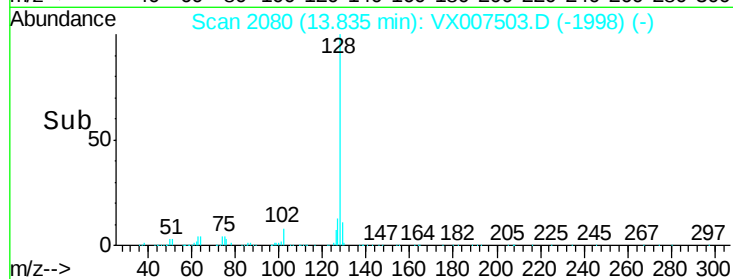
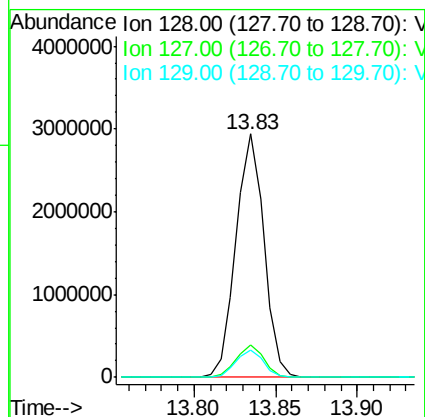
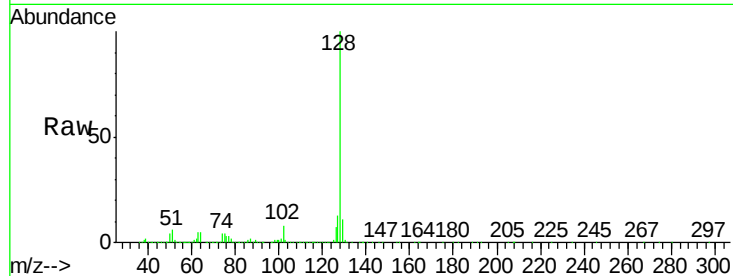




#91
Naphthalene
Concen: 171.397 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3526247
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 167.682 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007503.D
Acq: 13 Feb 2019 00:22

Tgt Ion:180 Resp: 1120175
Ion Ratio Lower Upper
180 100
182 95.6 0.0 193.0
145 30.7 0.0 63.0

