

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
 Data File : VX008540.D
 Acq On : 29 Mar 2019 13:43
 Operator : JC/SP
 Sample : VX0329WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

Quant Time: Mar 29 23:35:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34407	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	196710	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	173760	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	85282	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.13	95	89166	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	8.71	98	250860	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	44357	18.853	ug/l 99
3) Chloromethane	1.32	50	61237	19.866	ug/l 96
4) Vinyl Chloride	1.40	62	58045	18.681	ug/l 98
5) Bromomethane	1.64	94	24812	15.412	ug/l 100
6) Chloroethane	1.72	64	36889	18.139	ug/l 94
7) Trichlorofluoromethane	1.93	101	65297	18.934	ug/l 99
8) Diethyl Ether	2.19	74	31210	19.190	ug/l 83
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39831	18.546	ug/l 91
10) 1,1-Dichloroethene	2.37	96	41016	18.825	ug/l 83
11) Methyl Iodide	2.51	142	31968	14.169	ug/l 97
12) Methyl Acetate	3.19	43	34089	19.304	ug/l 91
13) Acrolein	2.29	56	39029	77.038	ug/l 99
14) Acrylonitrile	3.14	53	164315	100.641	ug/l 100
15) Acetone	2.44	58	44519	88.423	ug/l 94
16) Carbon Disulfide	2.57	76	123746	18.257	ug/l 99
17) Allyl chloride	2.73	41	92637	18.917	ug/l 91
18) Methylene Chloride	2.85	84	50502	19.390	ug/l 84
19) trans-1,2-Dichloroethene	3.17	96	44476	19.106	ug/l 85
20) Diisopropyl ether	3.85	45	187802	19.704	ug/l # 90
21) 1,1-Dichloroethane	3.70	63	93291	19.500	ug/l 96
22) cis-1,2-Dichloroethene	4.60	96	52005	19.333	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	64864	98.385	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	153953	19.226	ug/l 98
25) Chloroform	5.21	83	84118	19.411	ug/l 98
26) Cyclohexane	5.58	56	88252	18.988	ug/l # 84
29) 1,1-Dichloropropene	5.80	75	62307	18.828	ug/l 94
30) 2-Butanone	4.67	43	238458	97.988	ug/l 94
31) 2,2-Dichloropropane	4.59	77	61728	18.676	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	67211	19.557	ug/l 94
33) Carbon Tetrachloride	5.79	117	53860	18.732	ug/l 98
34) Benzene	6.14	78	198852	19.657	ug/l # 96
35) Methacrylonitrile	5.04	41	49372	19.950	ug/l 93
36) 1,2-Dichloroethane	6.19	62	71444	19.809	ug/l 97
37) Trichloroethene	7.21	130	45075	19.375	ug/l 89
38) Methylcyclohexane	7.46	83	79058	18.958	ug/l 89
39) 1,2-Dichloropropane	7.51	63	54757	19.084	ug/l 100
40) Dibromomethane	7.66	93	32479	19.541	ug/l 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	62355	19.080	ug/l	96
42) Vinyl Acetate	3.81	43	824980	100.004	ug/l #	94
43) Ethyl Acetate	4.83	43	89596	20.456	ug/l #	82
44) Isopropyl Acetate	6.45	43	139084	19.638	ug/l	98
45) 1,4-Dioxane	7.74	88	30104	426.983	ug/l	87
46) Methyl methacrylate	7.77	41	70035	19.470	ug/l	89
47) n-amyl Acetate	10.90	43	123797	19.243	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	68375	18.523	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	77971	18.884	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	47414	19.212	ug/l	96
51) Ethyl methacrylate	9.18	69	87933	19.146	ug/l	91
52) 1,3-Dichloropropane	9.37	76	86365	19.670	ug/l	99
53) Dibromochloromethane	9.58	129	45207	18.614	ug/l	100
54) 1,2-Dibromoethane	9.67	107	49713	19.540	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	230627	99.539	ug/l	95
56) Bromoform	10.85	173	31592	17.849	ug/l #	99
58) 4-Methyl-2-Pentanone	8.64	43	460923	100.548	ug/l #	95
59) 2-Hexanone	9.49	43	357245	98.642	ug/l	97
61) Tetrachloroethene	9.34	164	38259	20.130	ug/l	97
62) Toluene	8.78	91	208546	19.823	ug/l	99
64) Chlorobenzene	10.13	112	120207	19.500	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	42274	19.451	ug/l	98
66) Ethyl Benzene	10.25	91	226000	19.354	ug/l	95
67) m/p-Xylenes	10.36	106	162275	38.100	ug/l	88
68) o-Xylene	10.69	106	80849	19.398	ug/l	93
69) Styrene	10.71	104	138736	19.130	ug/l	96
70) Isopropylbenzene	11.02	105	214083	19.472	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	81250	19.782	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	91707	26.416	ug/l	90
73) Bromobenzene	11.26	156	49759	19.023	ug/l	78
74) n-propylbenzene	11.36	91	250495	19.125	ug/l	94
75) 2-Chlorotoluene	11.42	91	149407	19.174	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	179857	19.135	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	23829	17.894	ug/l	95
78) 4-Chlorotoluene	11.51	91	169564	18.907	ug/l	90
79) tert-butylbenzene	12.06	119	181709	18.917	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	178757	19.073	ug/l	95
81) sec-Butylbenzene	11.94	105	205128	19.100	ug/l	96
82) p-Isopropyltoluene	12.06	119	181709	18.917	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	88587	19.077	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	87213	18.794	ug/l	96
85) n-Butylbenzene	12.38	91	164785	18.055	ug/l	97
86) Hexachloroethane	12.59	117	29057	18.105	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	89298	19.085	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17865	19.625	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	60873	18.860	ug/l	99
90) Hexachlorobutadiene	13.78	225	29343	18.871	ug/l	98
91) Naphthalene	13.83	128	218426	19.753	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	62691	19.282	ug/l	99

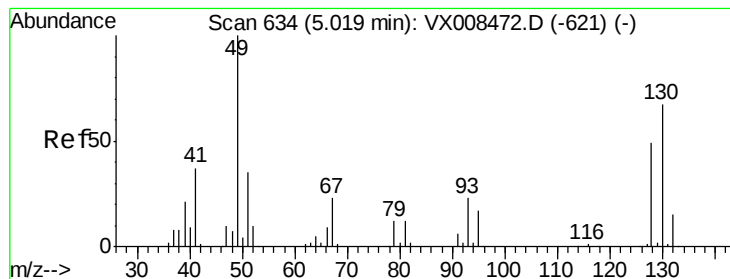
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

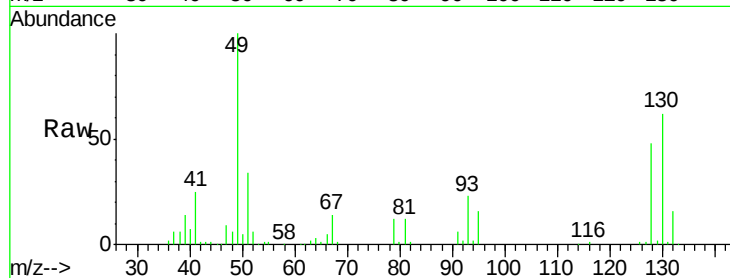
Tgt Ion:128 Resp: 34407

Ion Ratio Lower Upper

128 100

49 207.6 0.0 350.8

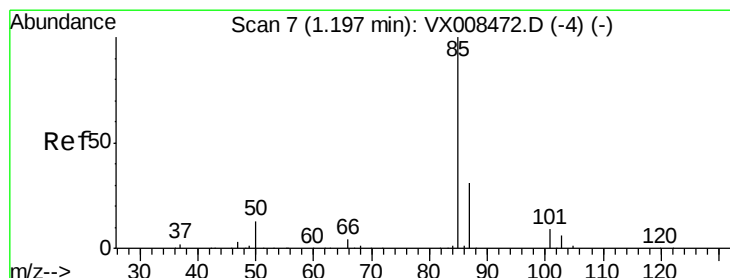
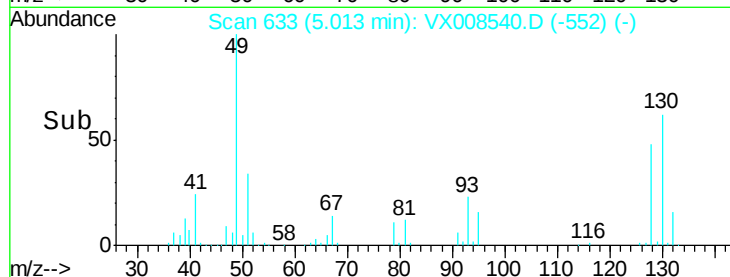
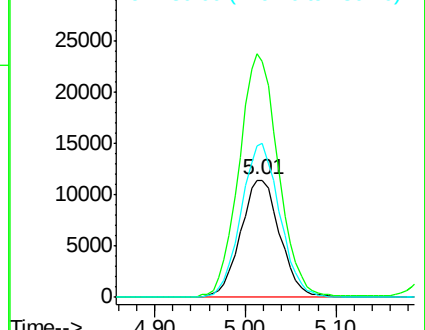
130 129.1 0.0 325.8



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: 18.853 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008540.D

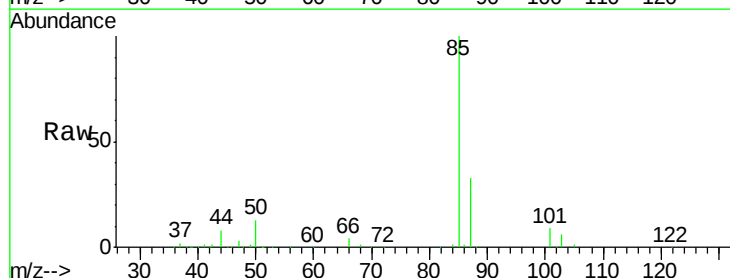
Acq: 29 Mar 2019 13:43

Tgt Ion: 85 Resp: 44357

Ion Ratio Lower Upper

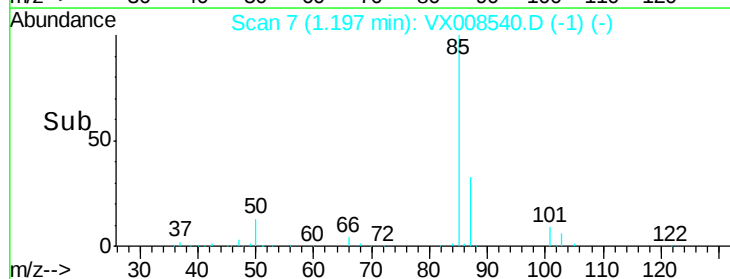
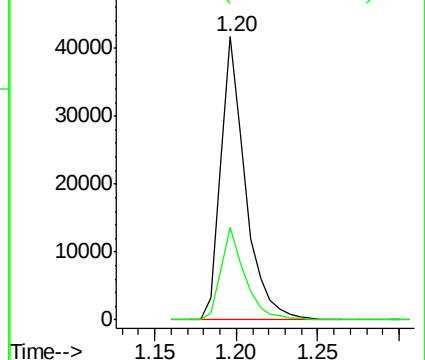
85 100

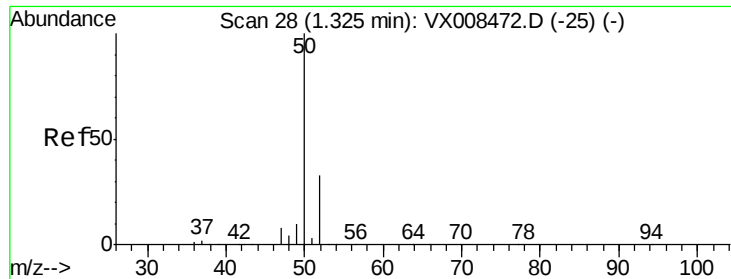
87 32.7 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.866 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

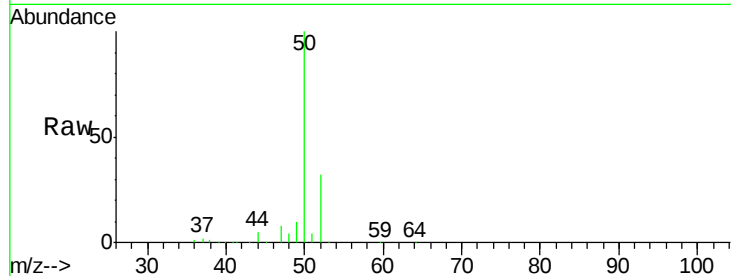
VX0329WBS01

Tgt Ion: 50 Resp: 61237

Ion Ratio Lower Upper

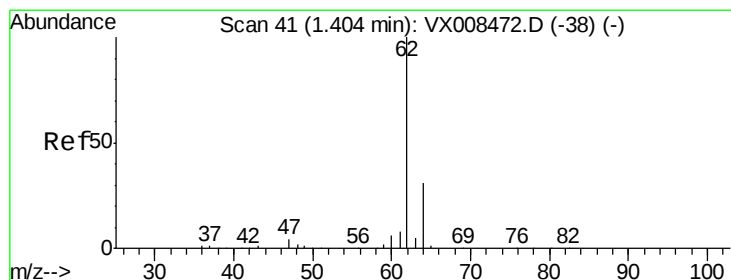
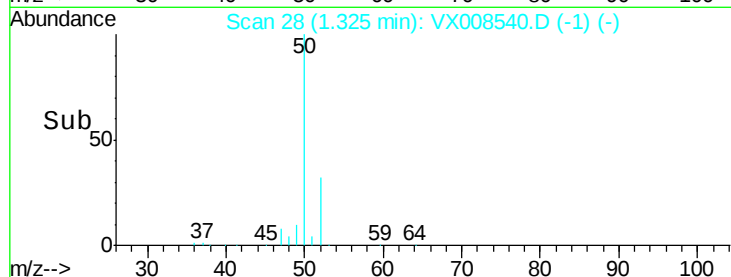
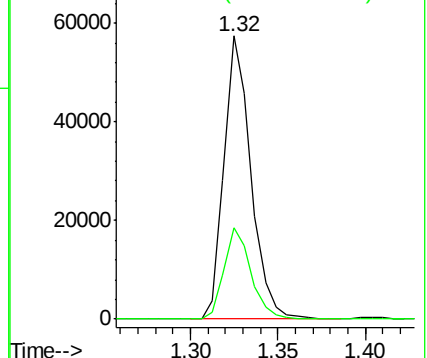
50 100

52 32.3 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.681 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008540.D

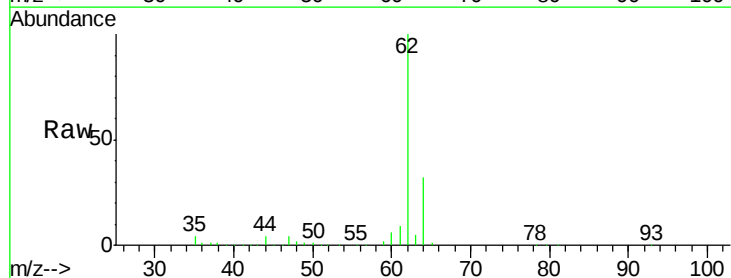
Acq: 29 Mar 2019 13:43

Tgt Ion: 62 Resp: 58045

Ion Ratio Lower Upper

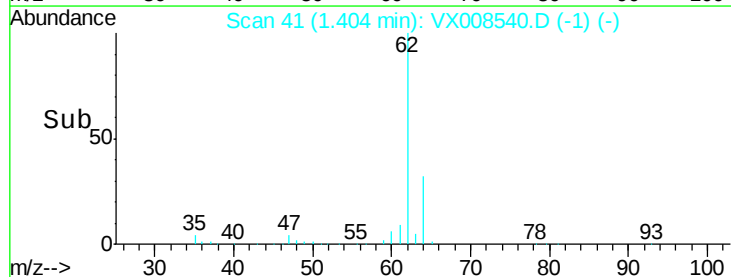
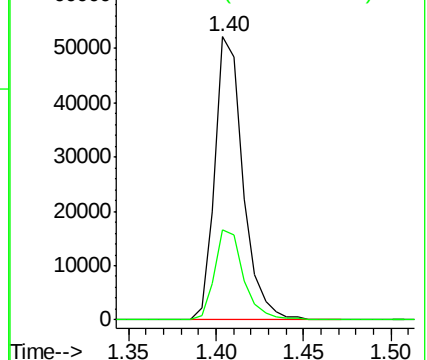
62 100

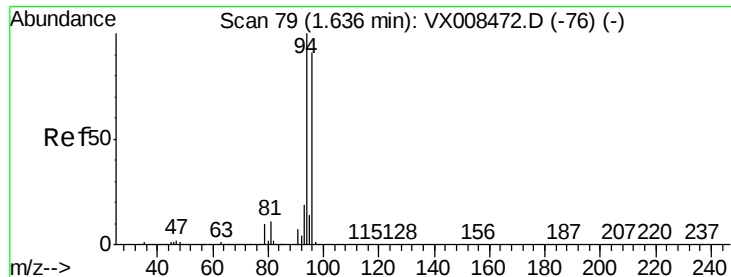
64 31.5 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 15.412 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

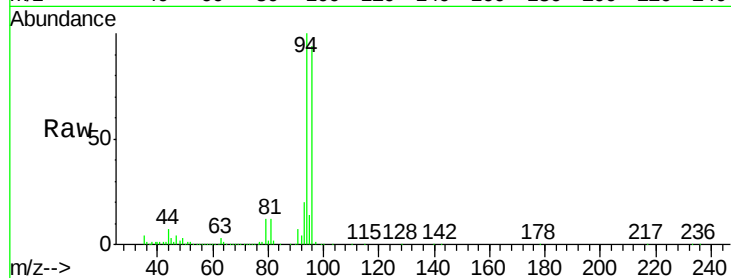
VX0329WBS01

Tgt Ion: 94 Resp: 24812

Ion Ratio Lower Upper

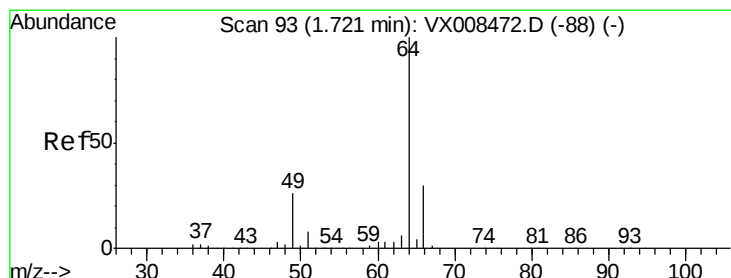
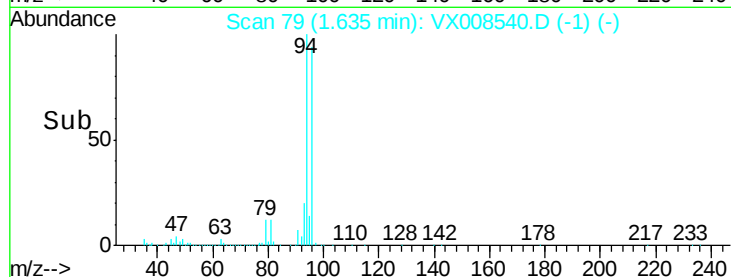
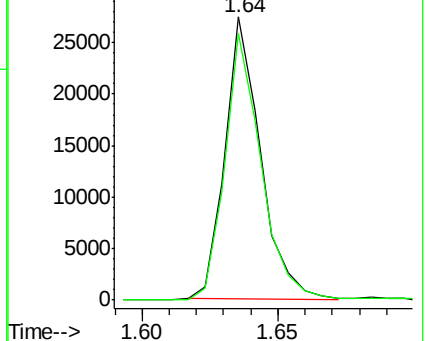
94 100

96 94.4 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: 18.139 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008540.D

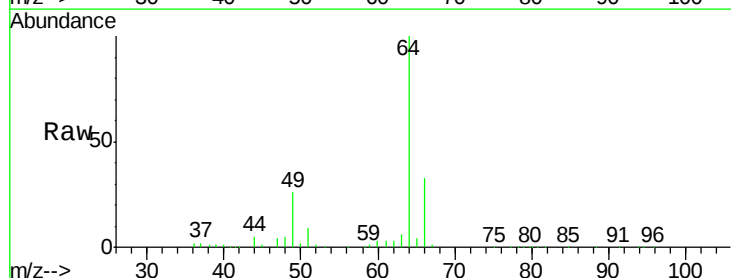
Acq: 29 Mar 2019 13:43

Tgt Ion: 64 Resp: 36889

Ion Ratio Lower Upper

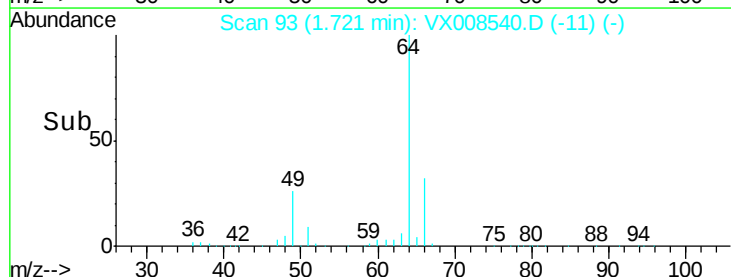
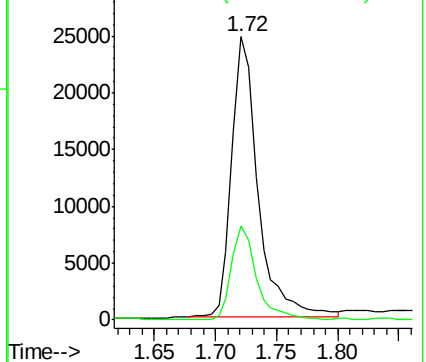
64 100

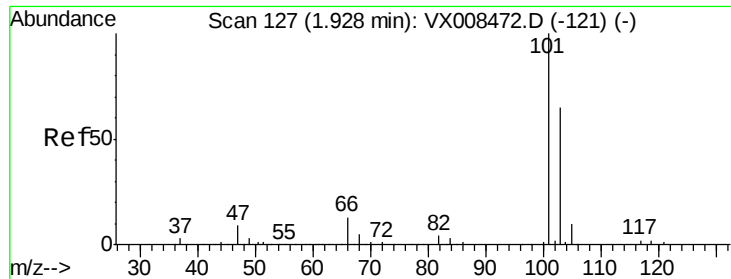
66 33.4 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



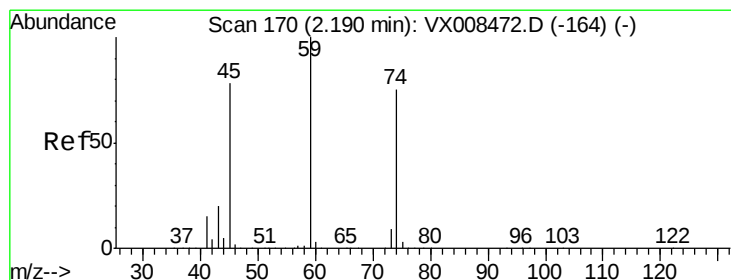
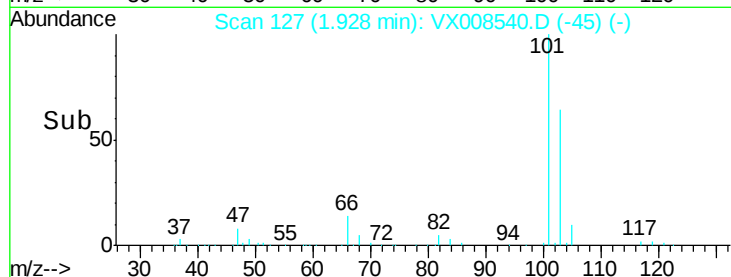
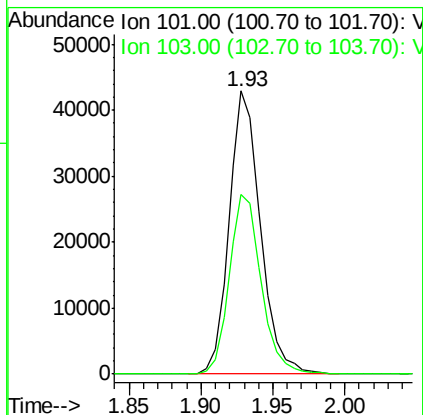
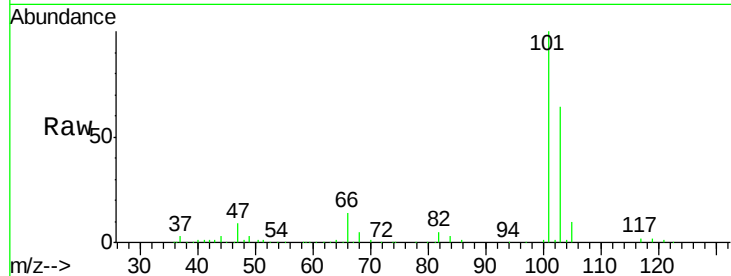


#7

Trichlorofluoromethane
 Concen: 18.934 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Instrument :
 MSVOA_X
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 VX0329WBS01

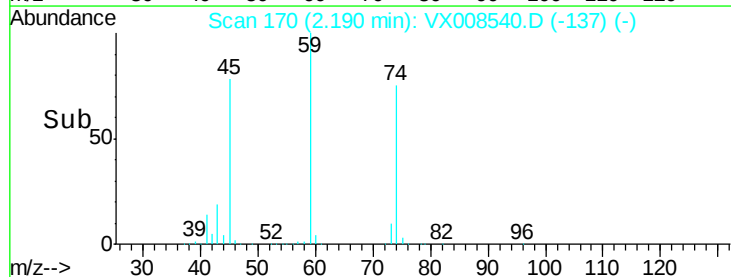
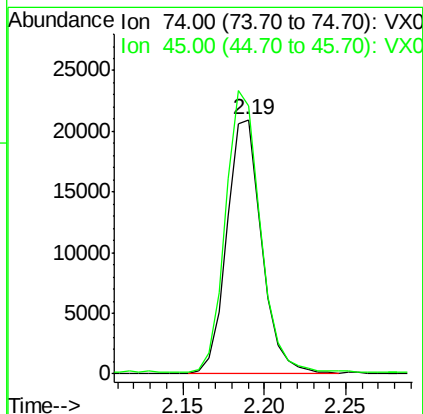
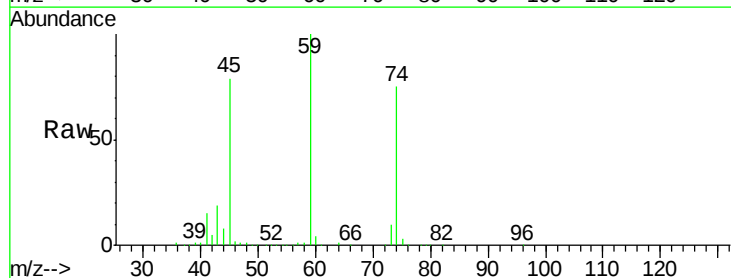
Tgt Ion: 101 Resp: 65297
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.4 75.6

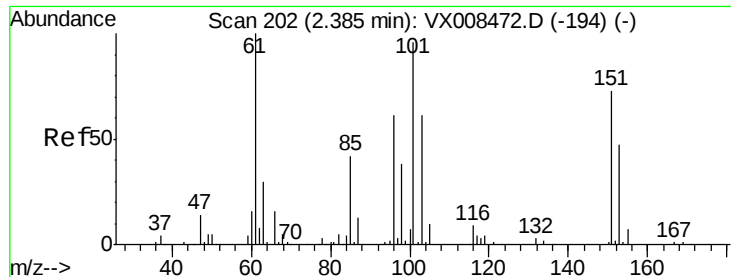


#8

Diethyl Ether
 Concen: 19.190 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 74 Resp: 31210
 Ion Ratio Lower Upper
 74 100
 45 109.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.546 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

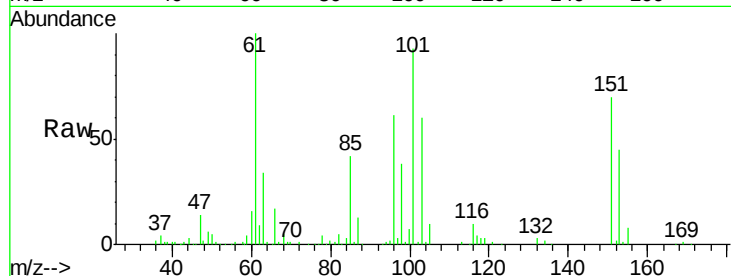
Tgt Ion: 101 Resp: 39831

Ion Ratio Lower Upper

101 100

85 45.3 0.0 86.8

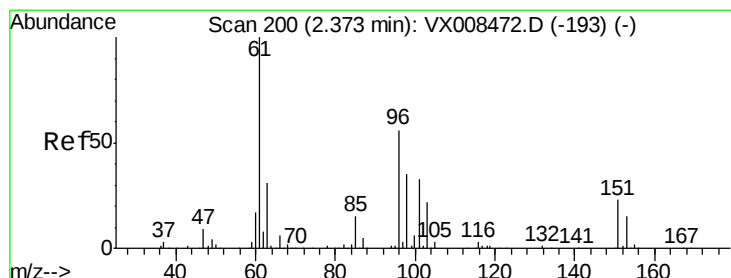
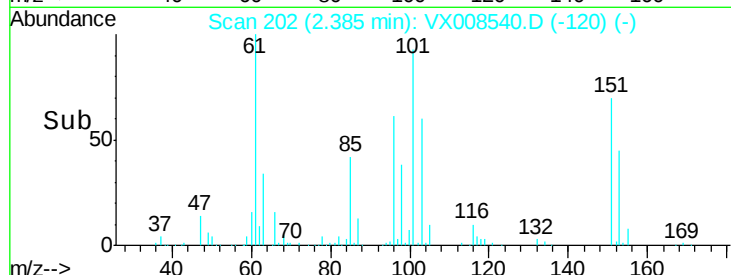
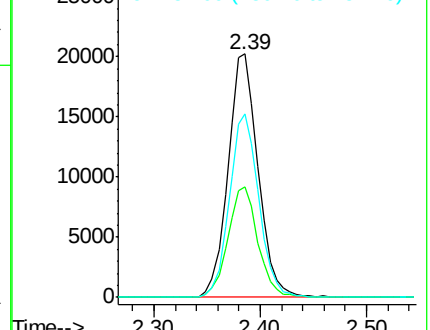
151 73.8 0.0 169.2



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: 18.825 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

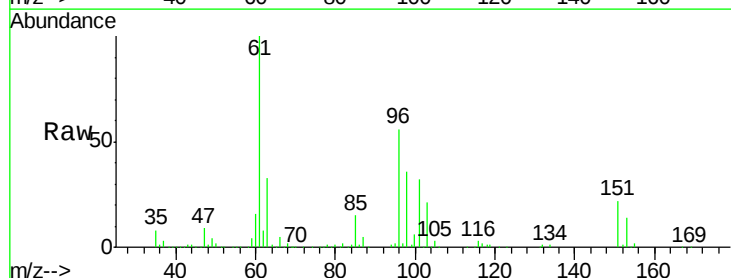
Tgt Ion: 96 Resp: 41016

Ion Ratio Lower Upper

96 100

61 178.0 120.2 180.2

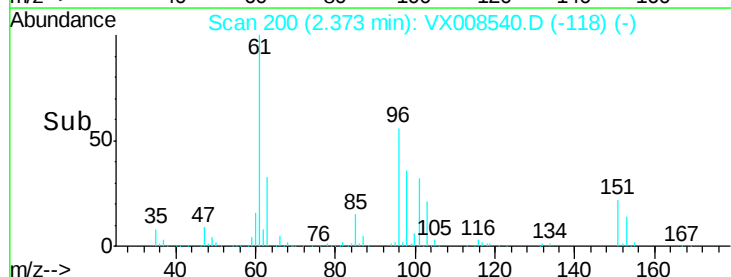
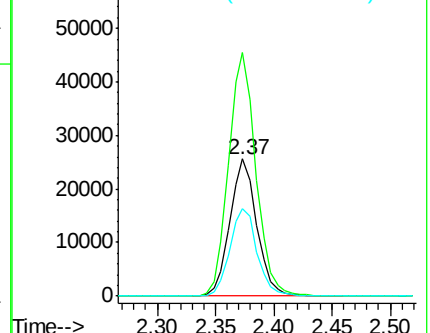
98 64.2 49.0 73.4

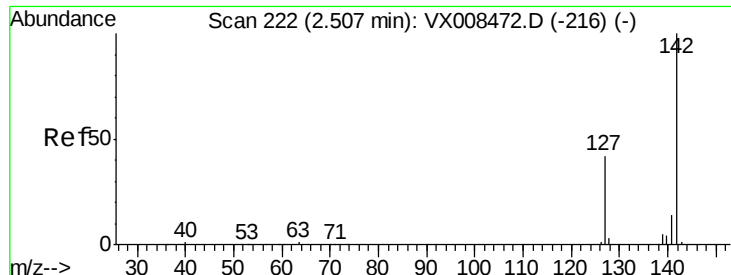


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

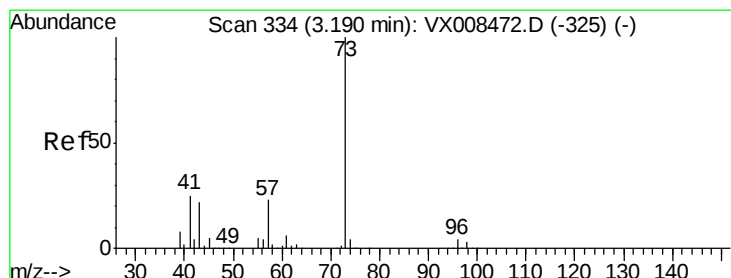
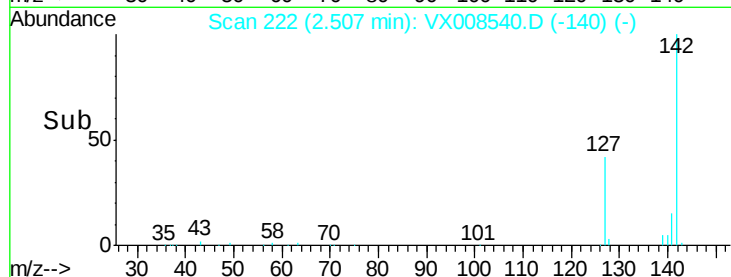
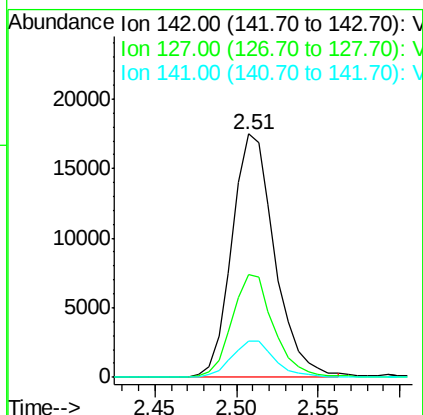
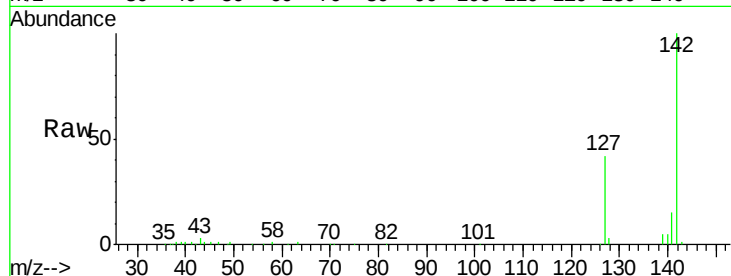




#11
Methyl Iodide
Concen: 14.169 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

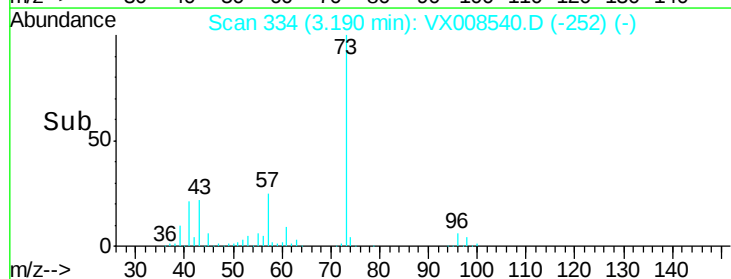
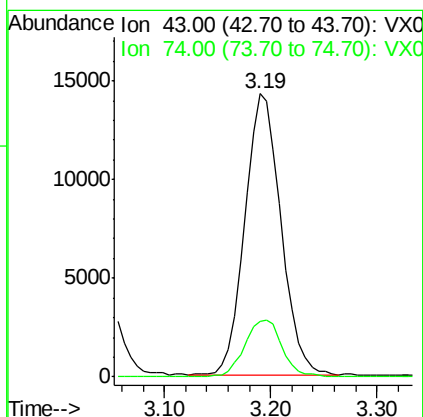
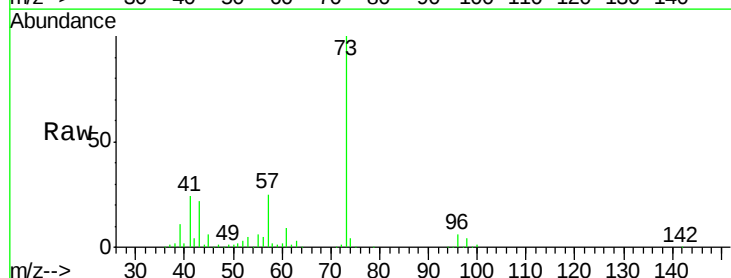
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

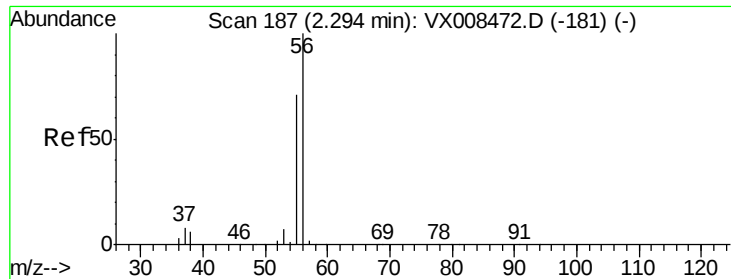
Tgt Ion:142 Resp: 31968
Ion Ratio Lower Upper
142 100
127 42.1 22.1 66.5
141 15.1 7.4 22.3



#12
Methyl Acetate
Concen: 19.304 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 43 Resp: 34089
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.0

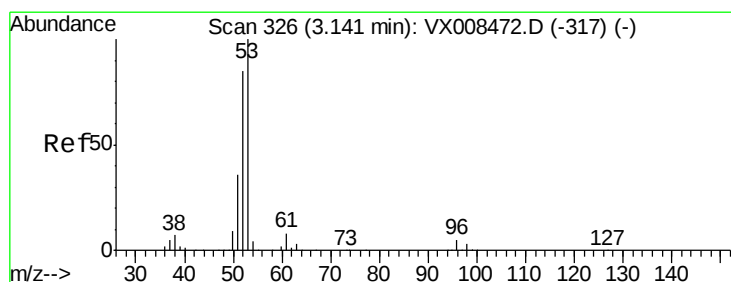
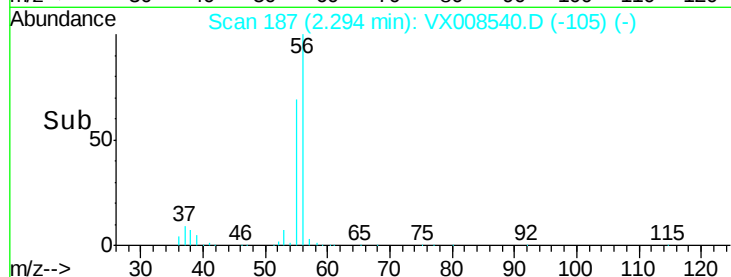
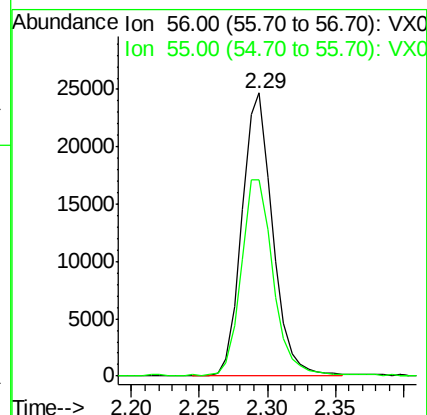
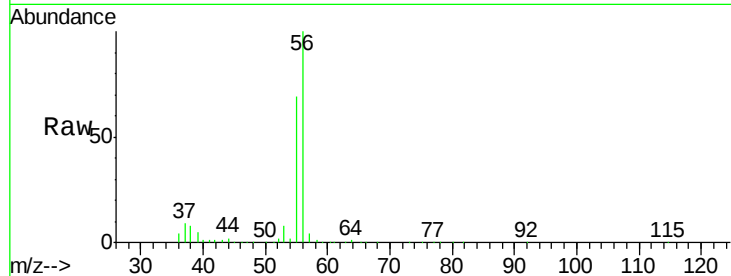




#13
 Acrolein
 Concen: 77.038 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

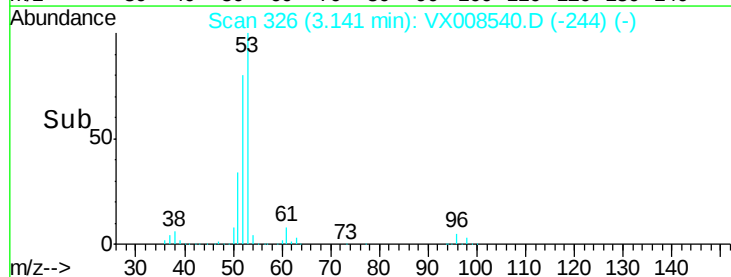
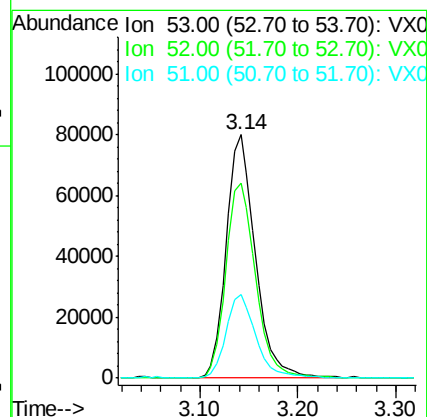
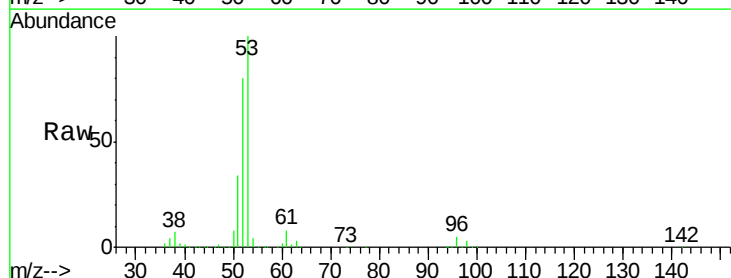
Instrument :
 MSVOA_X
 ClientSampled :
 VX0329WBS01

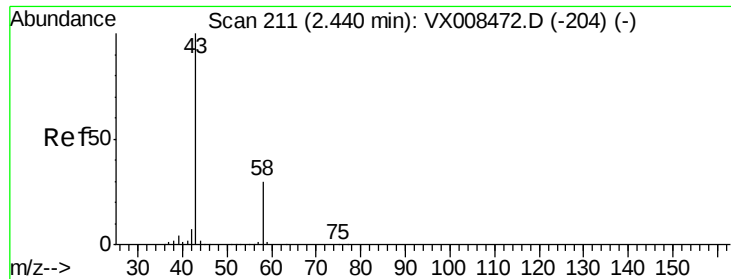
Tgt Ion: 56 Resp: 39029
 Ion Ratio Lower Upper
 56 100
 55 72.4 58.6 87.8



#14
 Acrylonitrile
 Concen: 100.641 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 53 Resp: 164315
 Ion Ratio Lower Upper
 53 100
 52 82.9 41.3 124.1
 51 35.4 17.5 52.6





#15

Acetone

Concen: 88.423 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

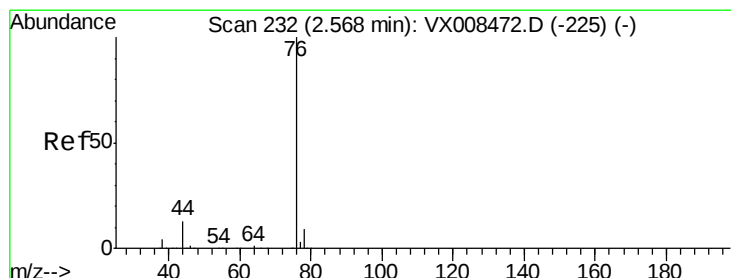
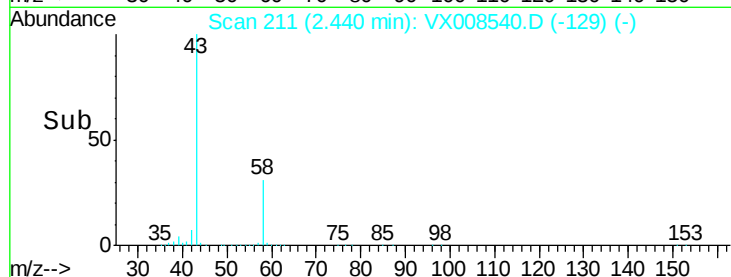
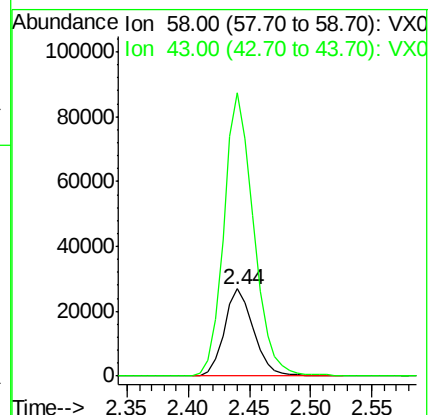
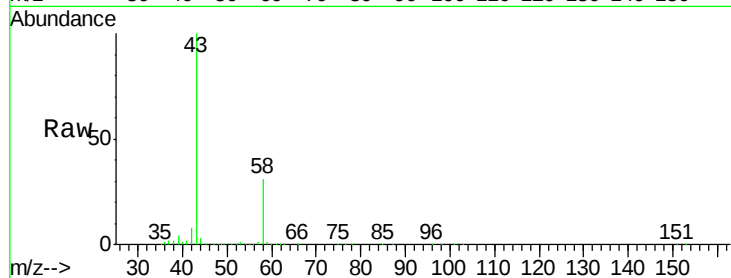
VX0329WBS01

Tgt Ion: 58 Resp: 44519

Ion Ratio Lower Upper

58 100

43 324.3 249.8 374.6



#16

Carbon Disulfide

Concen: 18.257 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008540.D

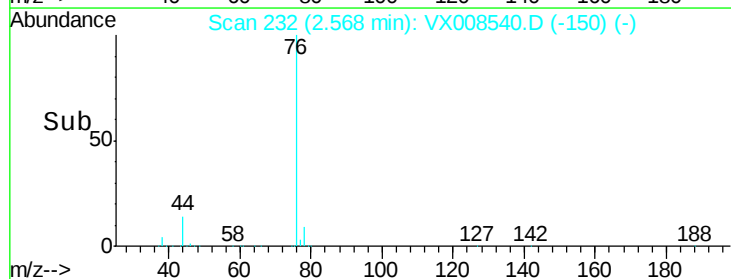
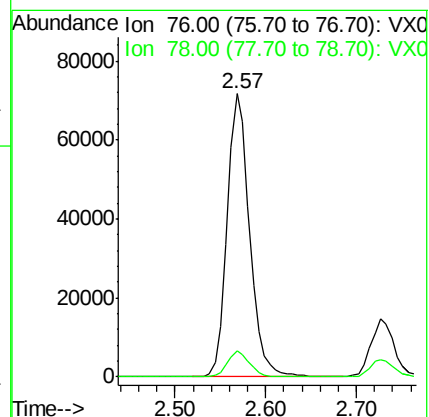
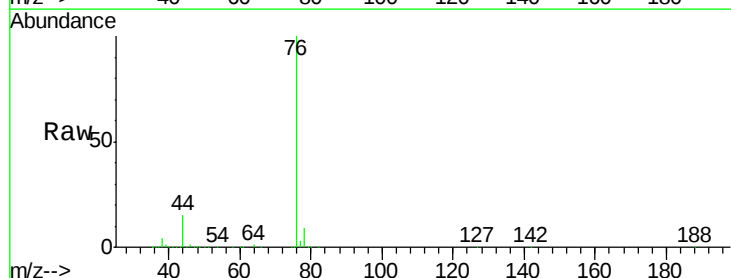
Acq: 29 Mar 2019 13:43

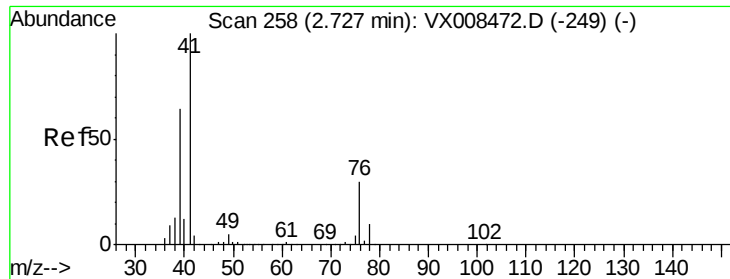
Tgt Ion: 76 Resp: 123746

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

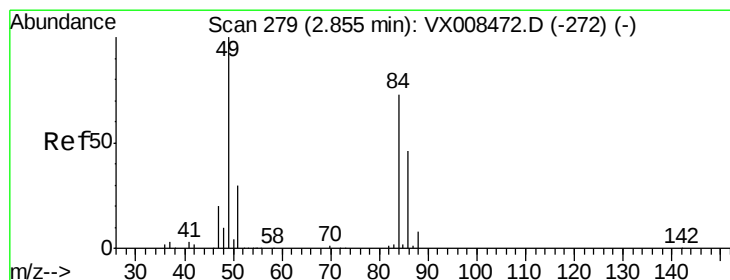
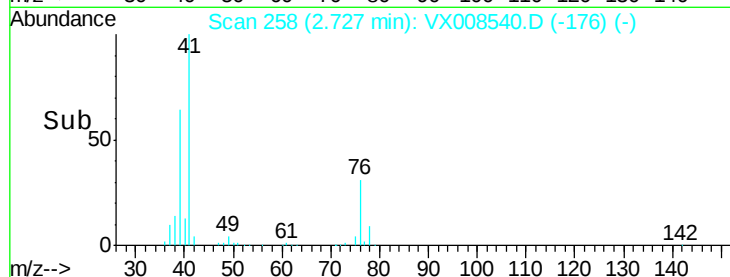
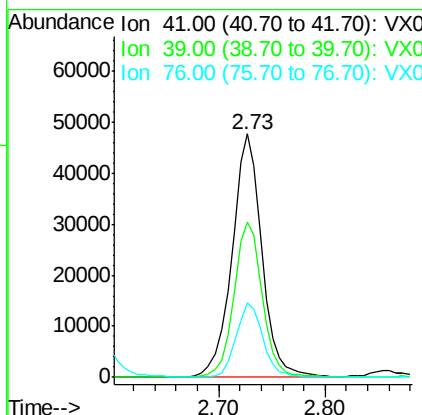
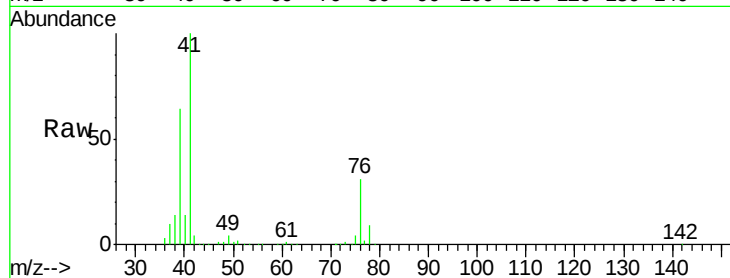




#17
 Allyl chloride
 Concen: 18.917 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

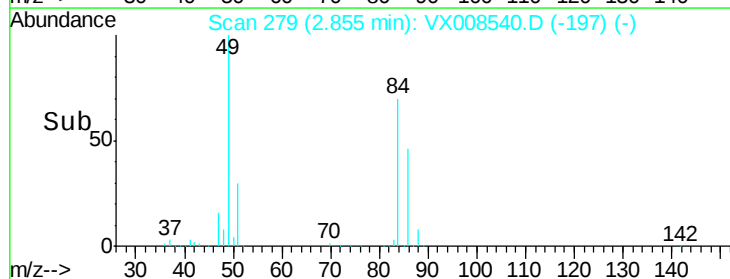
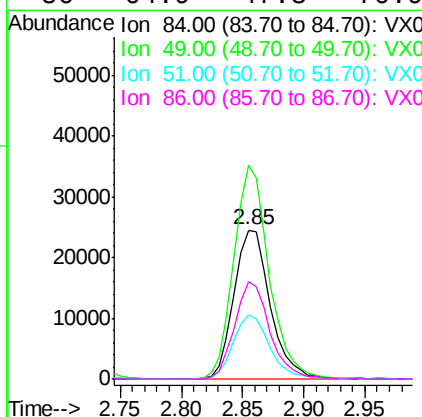
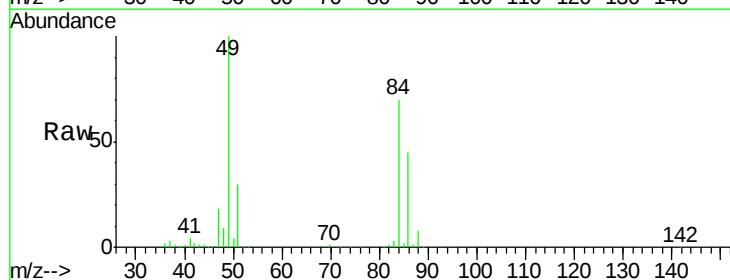
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

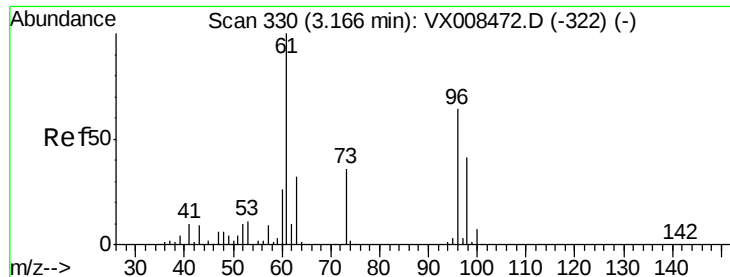
Tgt Ion: 41 Resp: 92637
 Ion Ratio Lower Upper
 41 100
 39 63.9 35.8 107.4
 76 30.7 18.3 54.9



#18
 Methylene Chloride
 Concen: 19.390 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 84 Resp: 50502
 Ion Ratio Lower Upper
 84 100
 49 143.2 96.1 144.1
 51 42.7 29.1 43.7
 86 64.9 47.3 70.9

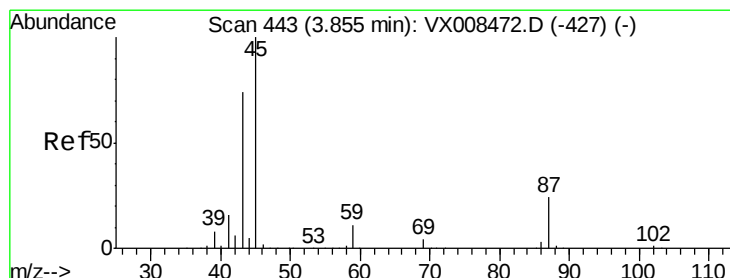
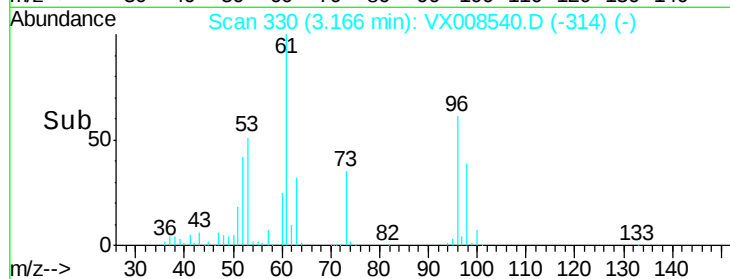
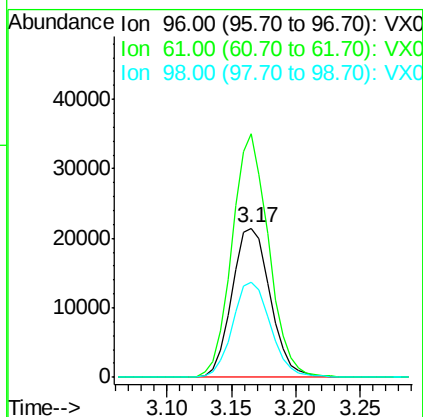
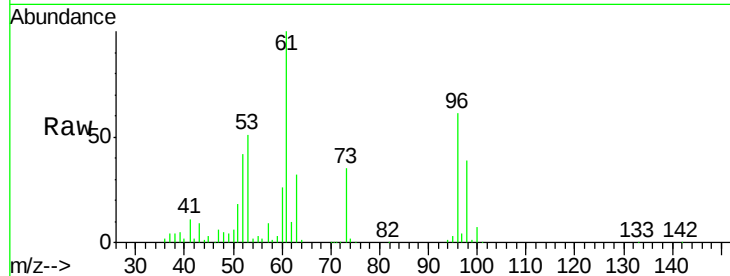




#19
trans-1,2-Dichloroethene
Concen: 19.106 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

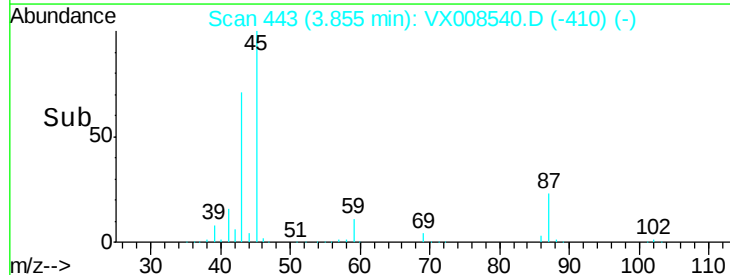
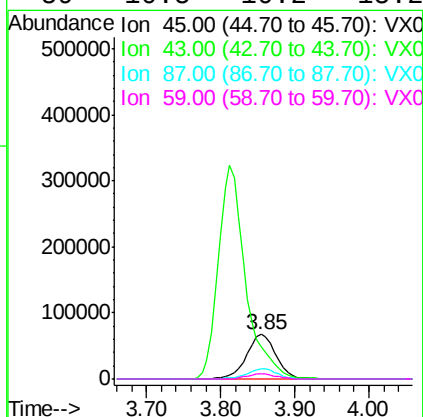
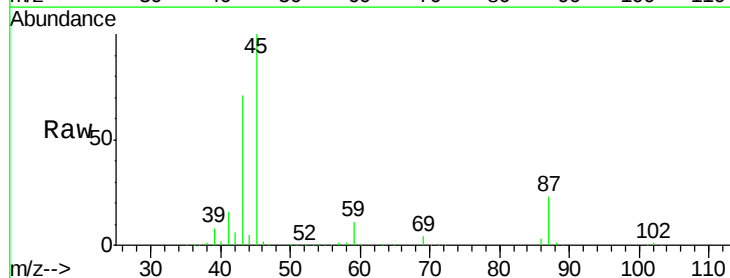
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

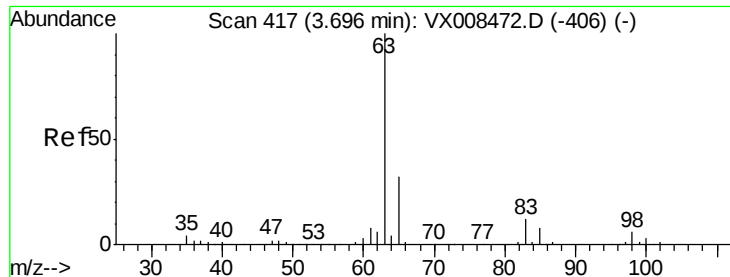
Tgt Ion: 96 Resp: 44476
Ion Ratio Lower Upper
96 100
61 163.1 109.9 164.9
98 64.0 50.4 75.6



#20
Diisopropyl ether
Concen: 19.704 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 45 Resp: 187802
Ion Ratio Lower Upper
45 100
43 70.7 50.6 76.0
87 23.0 24.5 36.7#
59 10.5 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.500 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

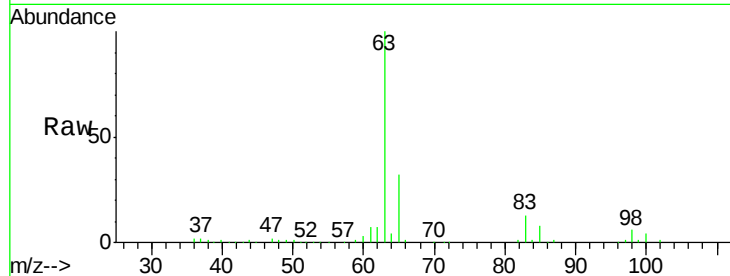
Tgt Ion: 63 Resp: 93291

Ion Ratio Lower Upper

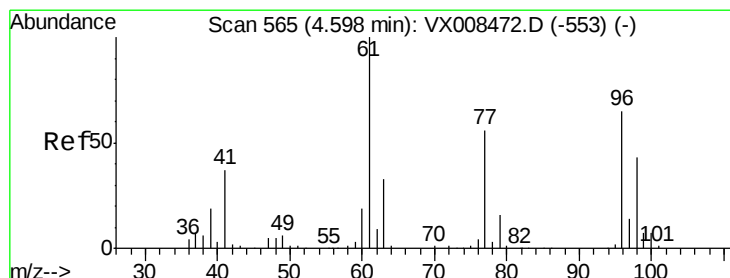
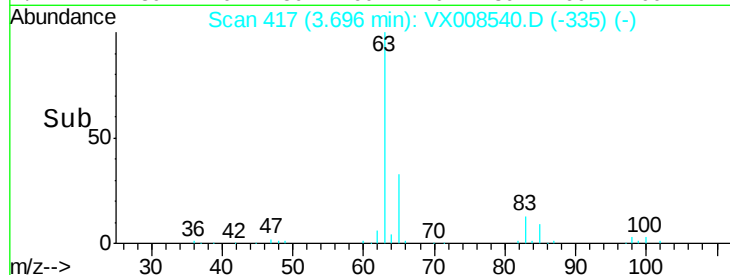
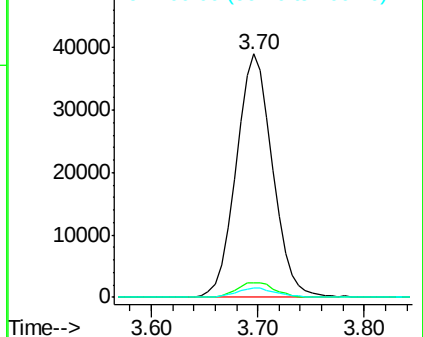
63 100

98 6.0 3.8 11.4

100 3.7 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: 19.333 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

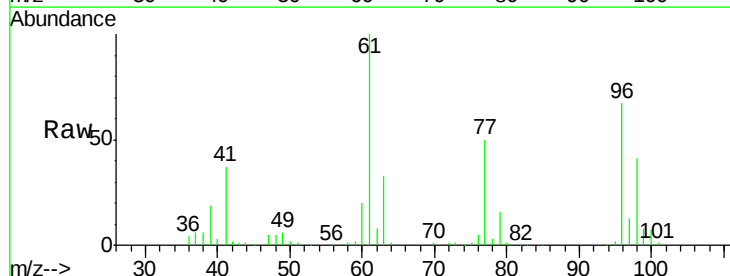
Tgt Ion: 96 Resp: 52005

Ion Ratio Lower Upper

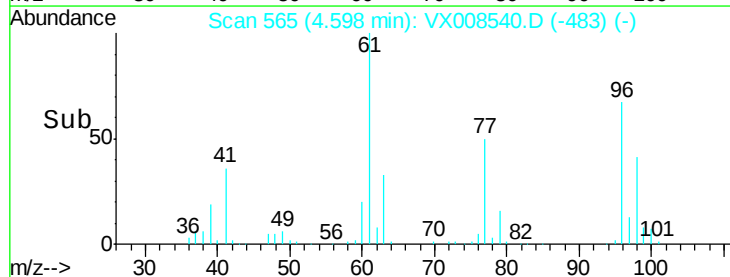
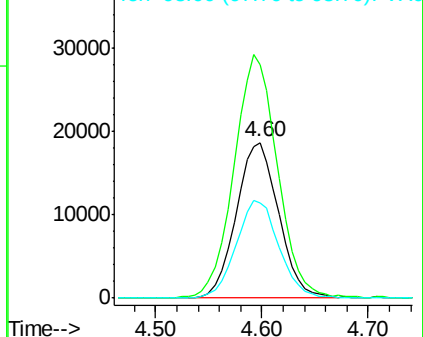
96 100

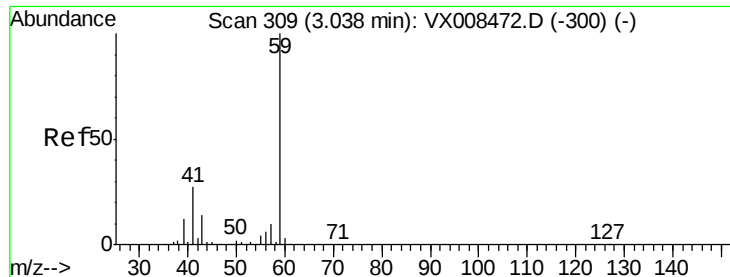
61 160.9 103.5 155.3#

98 63.5 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



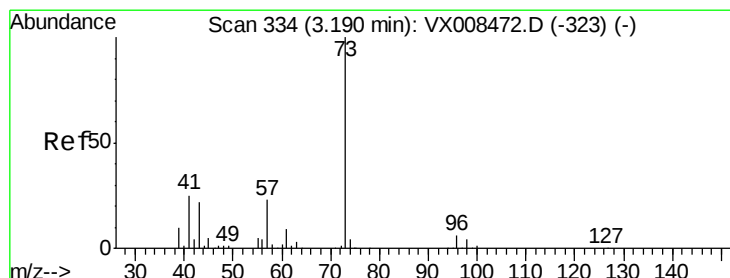
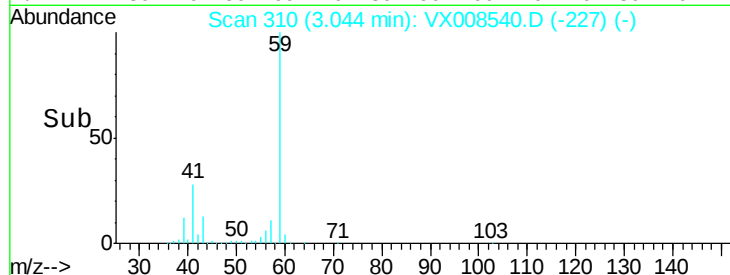
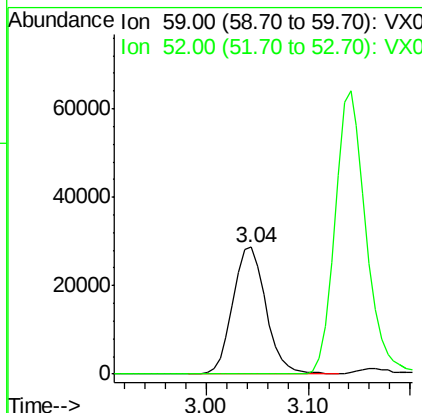
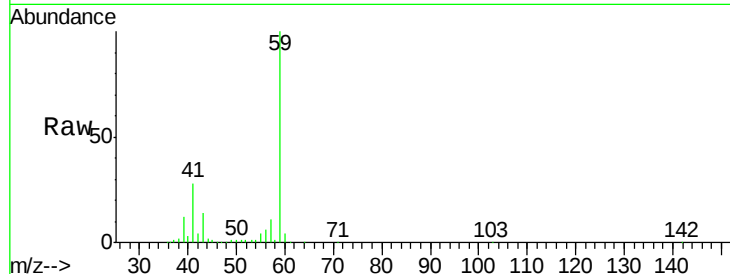


#23

tert-Butyl Alcohol
 Concen: 98.385 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

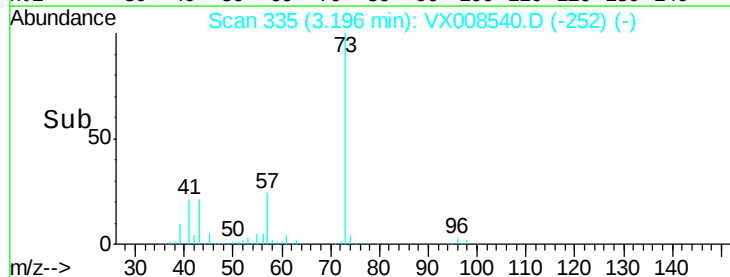
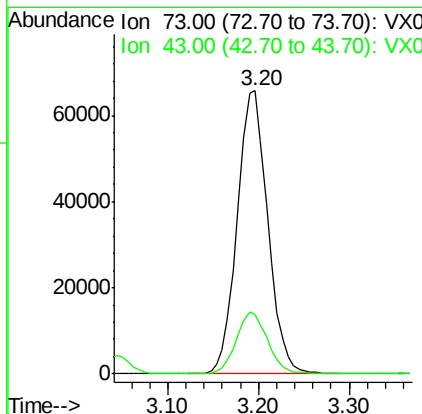
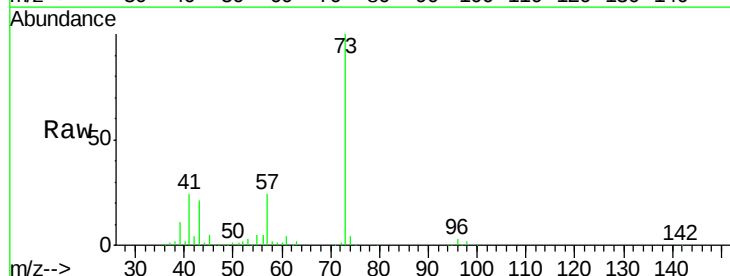
Tgt Ion: 59 Resp: 64864
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

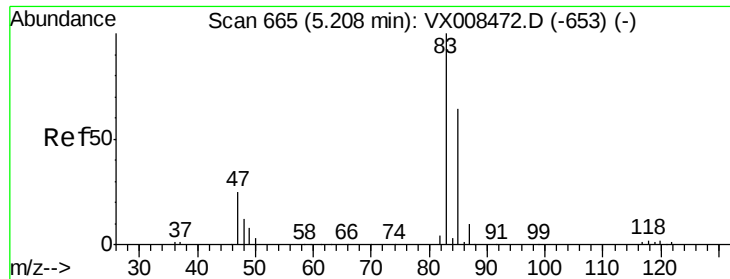


#24

Methyl tert-Butyl Ether
 Concen: 19.226 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 73 Resp: 153953
 Ion Ratio Lower Upper
 73 100
 43 22.1 17.1 25.7

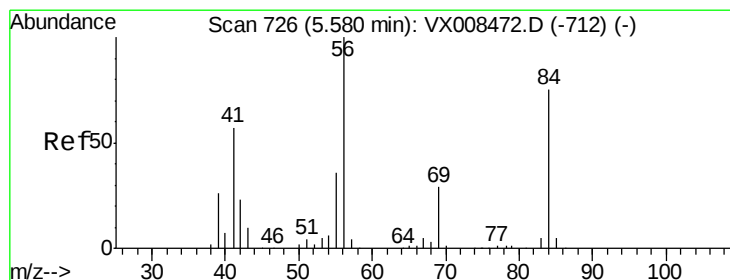
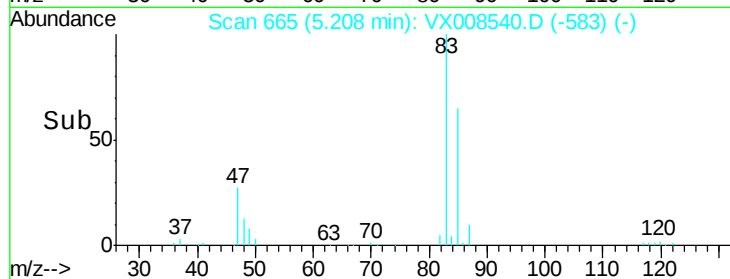
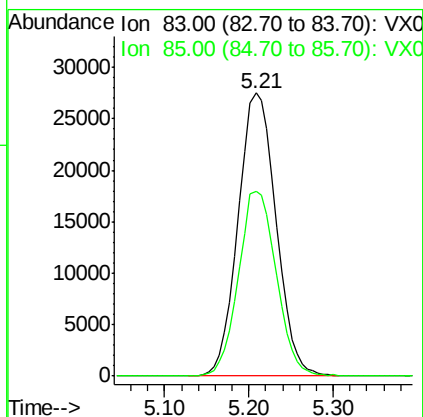
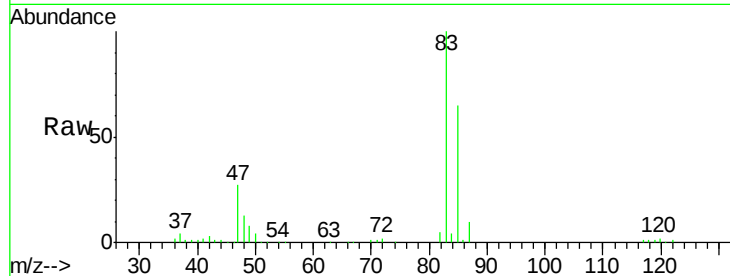




#25
Chloroform
Concen: 19.411 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

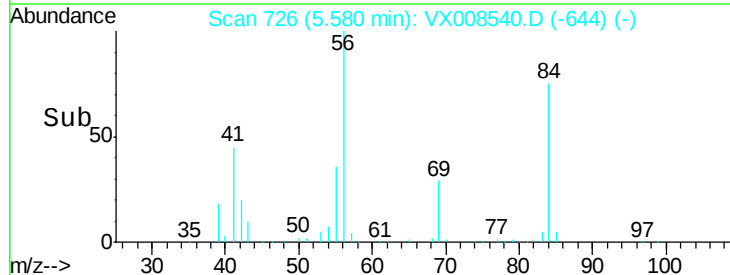
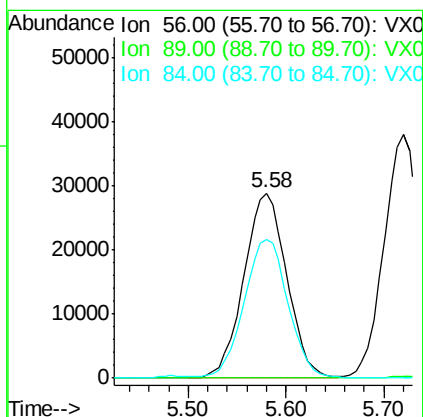
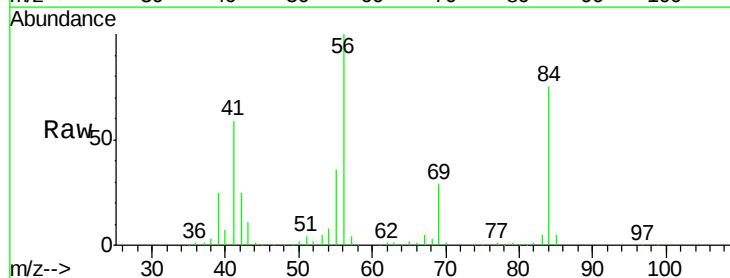
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

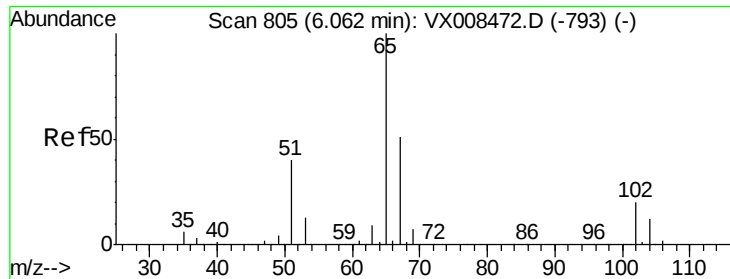
Tgt Ion: 83 Resp: 84118
Ion Ratio Lower Upper
83 100
85 65.4 53.8 80.6



#26
Cyclohexane
Concen: 18.988 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 56 Resp: 88252
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.7 73.9 110.9

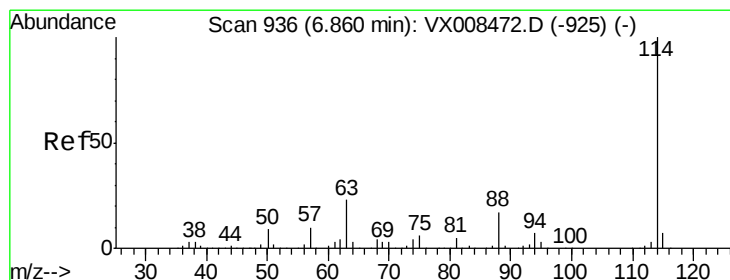
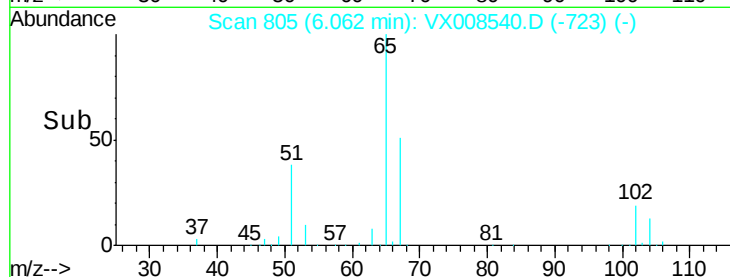
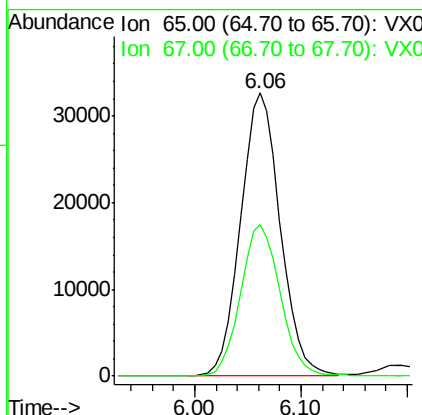
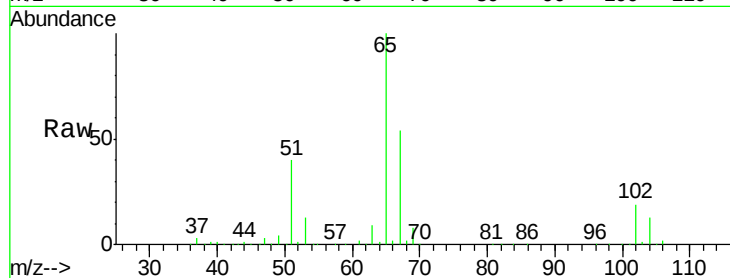




#27
 1,2-Dichloroethane-d4
 Concen: 29.629 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

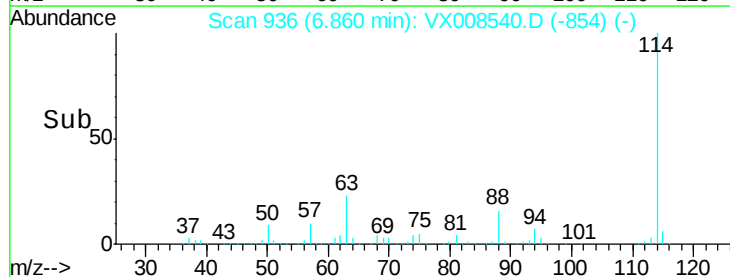
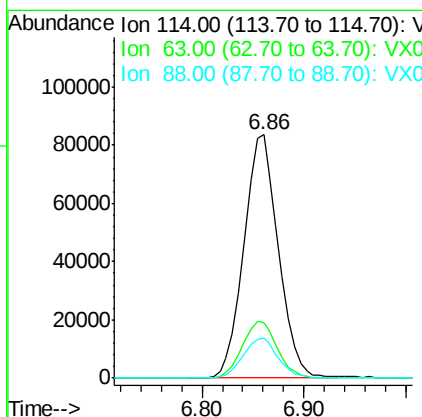
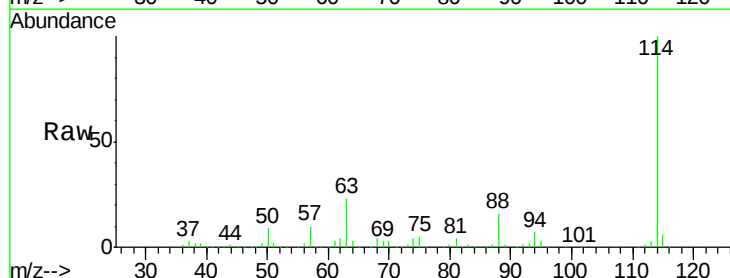
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

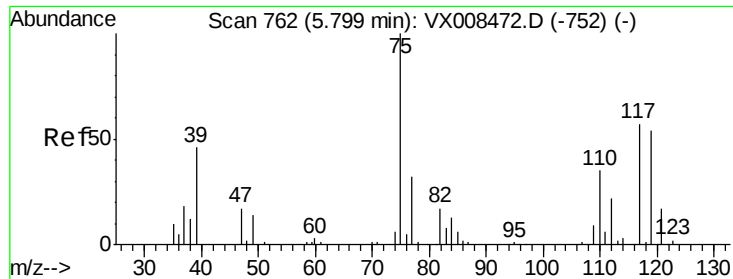
Tgt Ion: 65 Resp: 85282
 Ion Ratio Lower Upper
 65 100
 67 53.6 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 114 Resp: 196710
 Ion Ratio Lower Upper
 114 100
 63 23.8 14.2 21.4#
 88 16.6 11.9 17.9

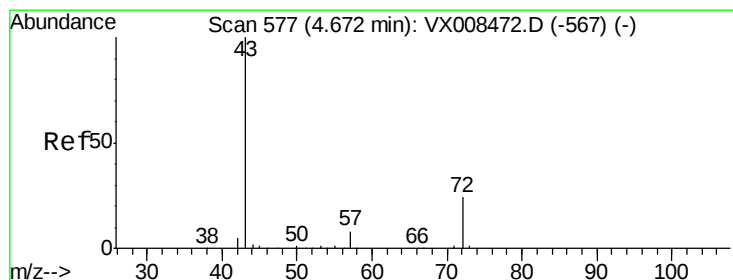
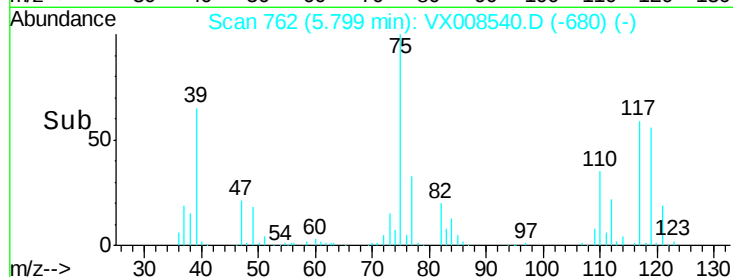
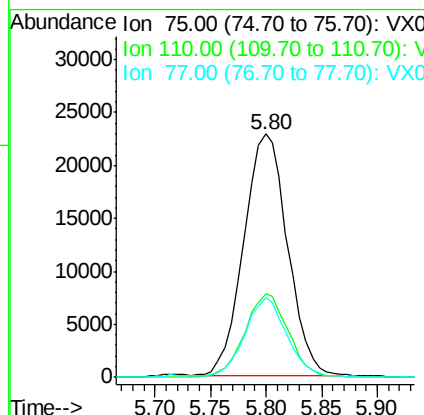
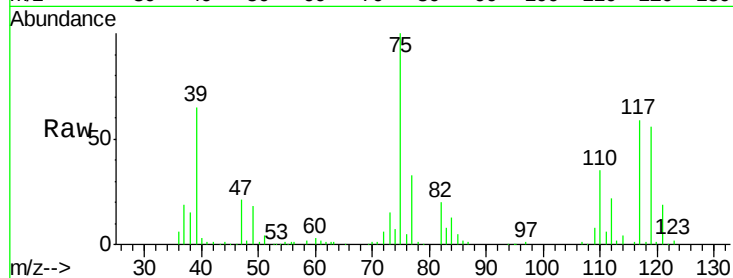




#29
 1,1-Dichloropropene
 Concen: 18.828 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

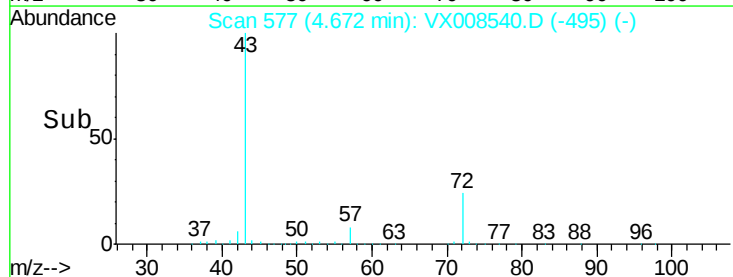
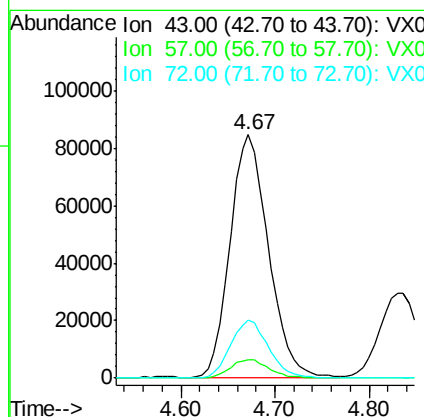
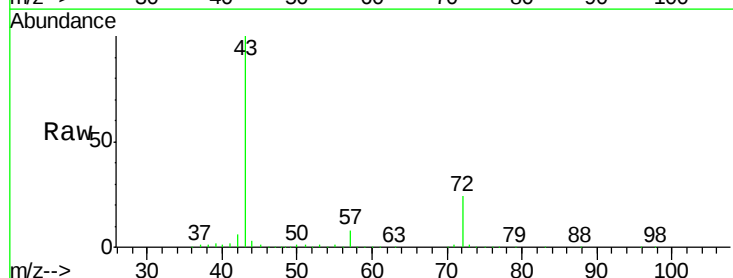
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

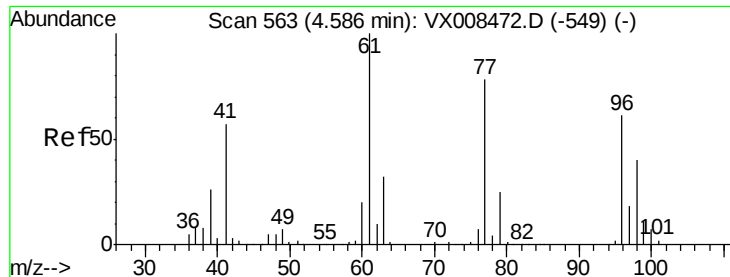
Tgt Ion: 75 Resp: 62307
 Ion Ratio Lower Upper
 75 100
 110 34.4 0.0 80.8
 77 32.0 0.0 62.4



#30
 2-Butanone
 Concen: 97.988 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 43 Resp: 238458
 Ion Ratio Lower Upper
 43 100
 57 7.9 7.0 10.6
 72 23.1 21.5 32.3

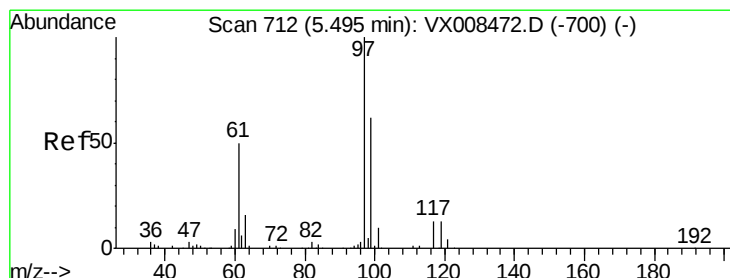
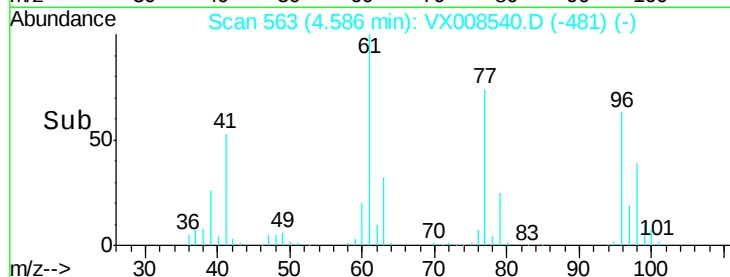
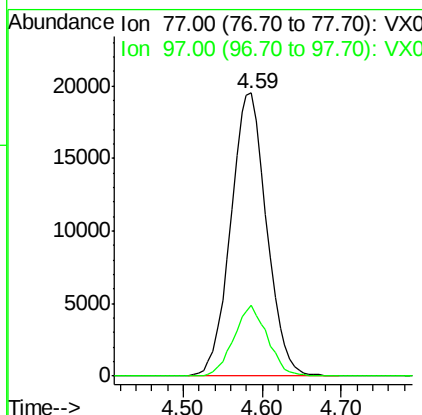
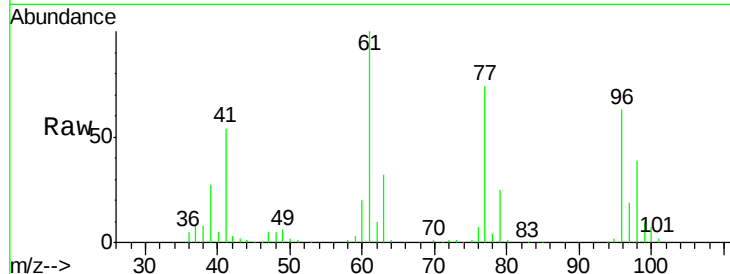




#31
 2,2-Dichloropropane
 Concen: 18.676 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

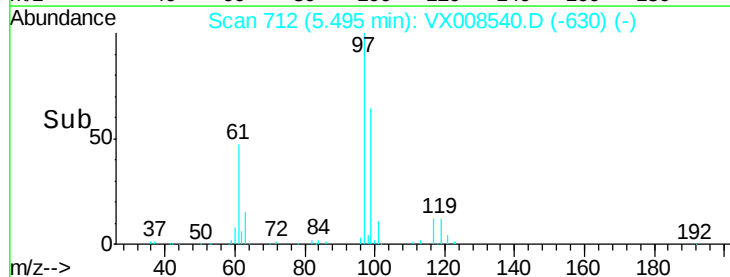
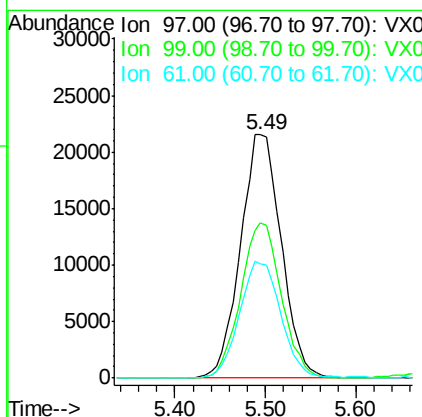
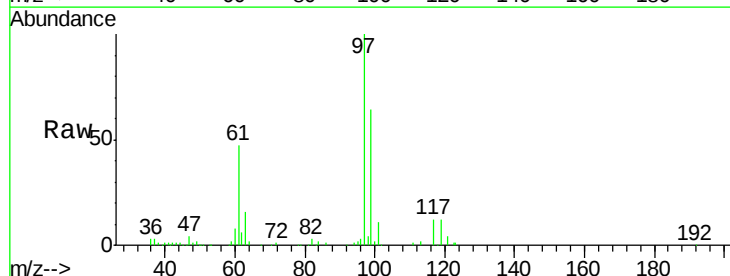
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

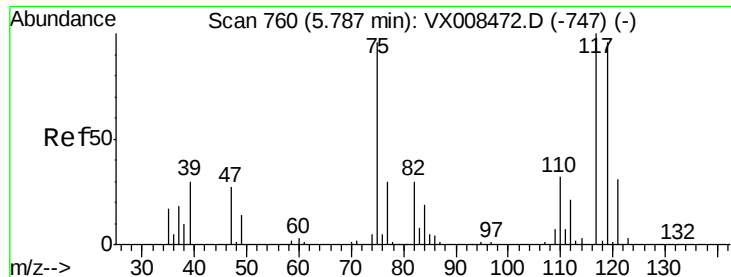
Tgt Ion: 77 Resp: 61728
 Ion Ratio Lower Upper
 77 100
 97 23.5 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.557 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 97 Resp: 67211
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.7 77.5
 61 48.5 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.732 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

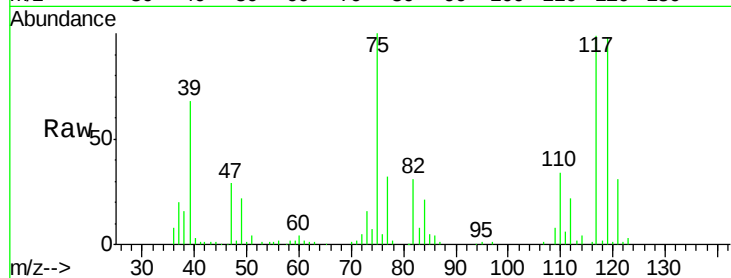
Tgt Ion:117 Resp: 53860

Ion Ratio Lower Upper

117 100

119 99.4 78.1 117.1

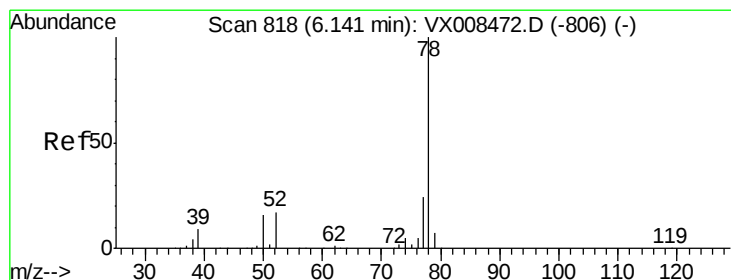
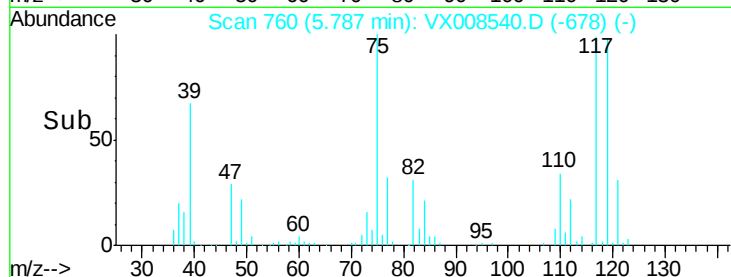
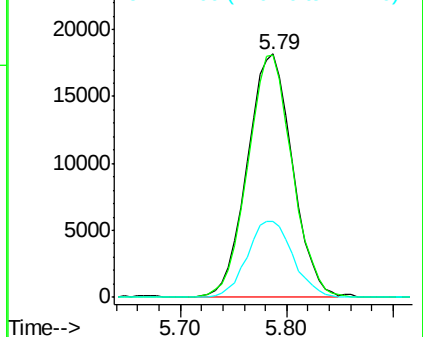
121 31.4 27.0 40.6



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: 19.657 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

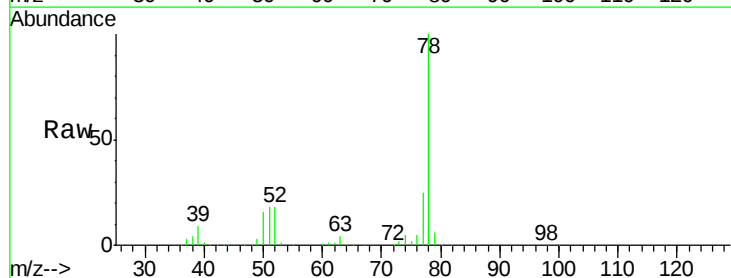
Tgt Ion: 78 Resp: 198852

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7

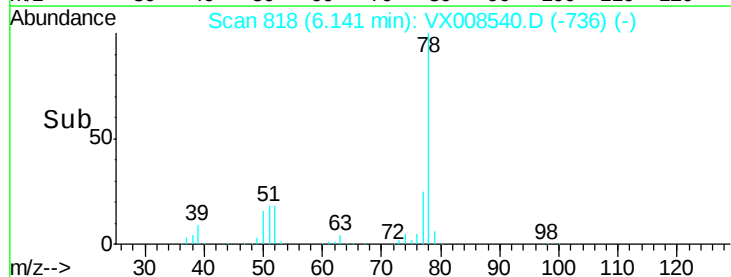
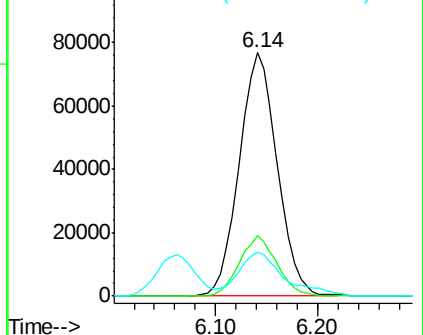
51 16.7 10.8 16.2#

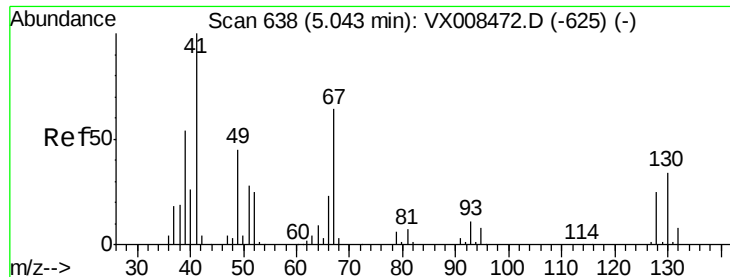


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

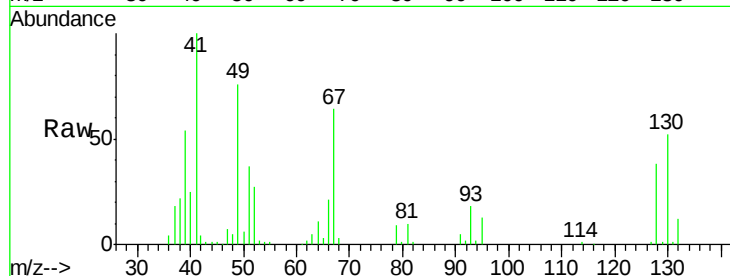




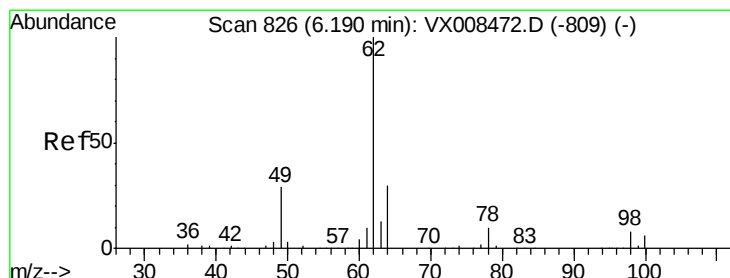
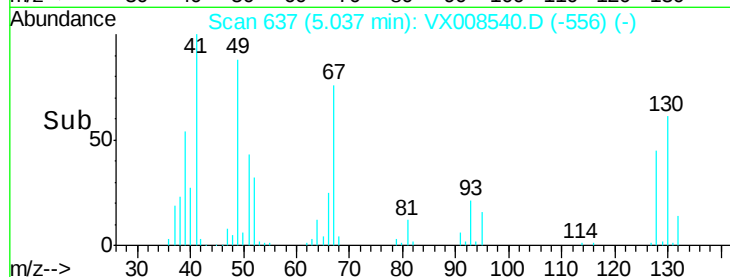
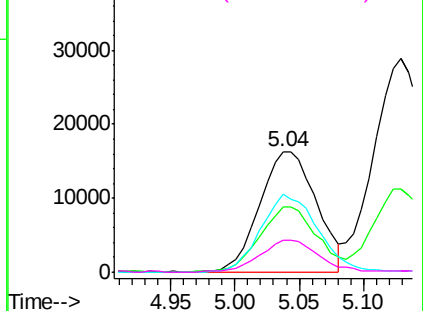
#35
Methacrylonitrile
Concen: 19.950 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
VX0329WBS01

Tgt Ion:	41	Resp:	49372
Ion	Ratio	Lower	Upper
41	100		
39	54.2	27.4	82.0
67	63.9	37.9	113.6
52	26.4	13.3	39.9

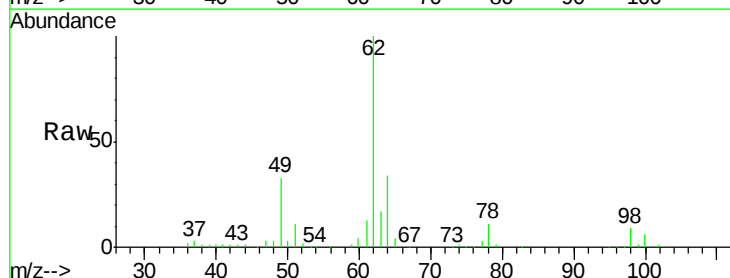


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

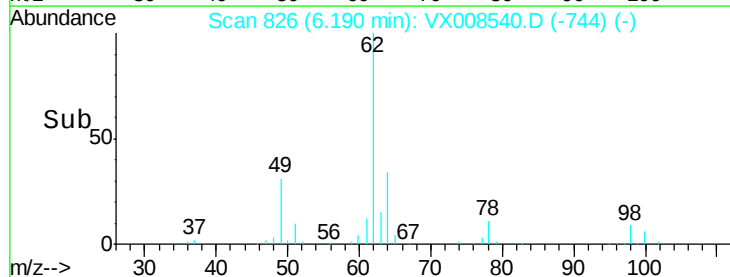
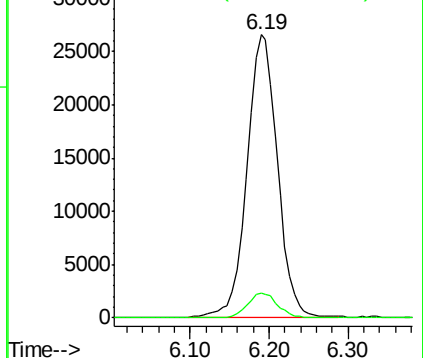


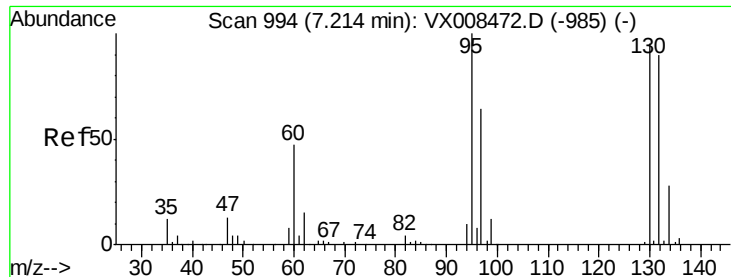
#36
1,2-Dichloroethane
Concen: 19.809 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion:	62	Resp:	71444
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

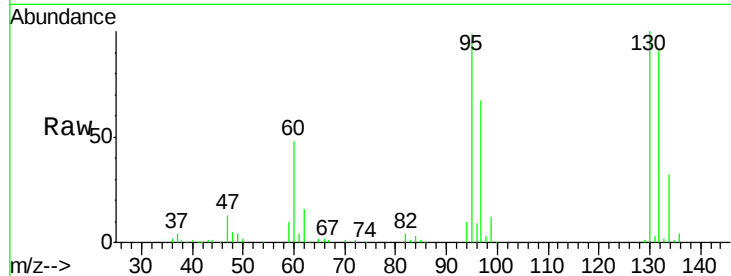




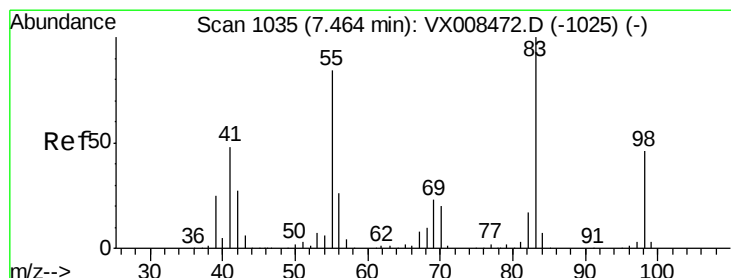
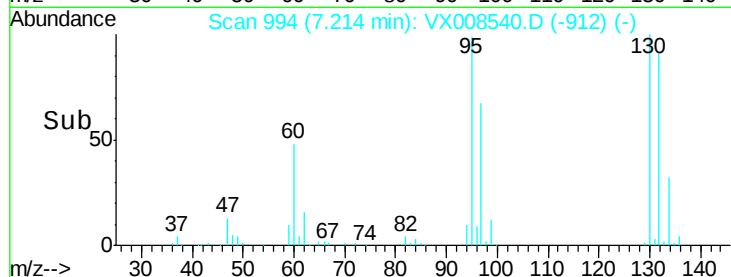
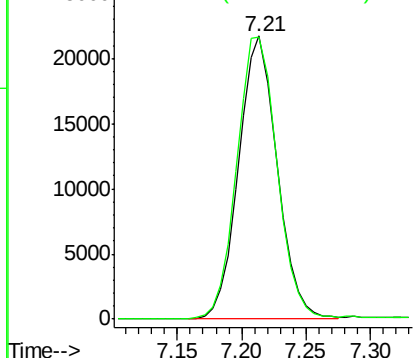
#37
 Trichloroethene
 Concen: 19.375 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

Tgt Ion:130 Resp: 45075
 Ion Ratio Lower Upper
 130 100
 95 99.4 71.3 106.9

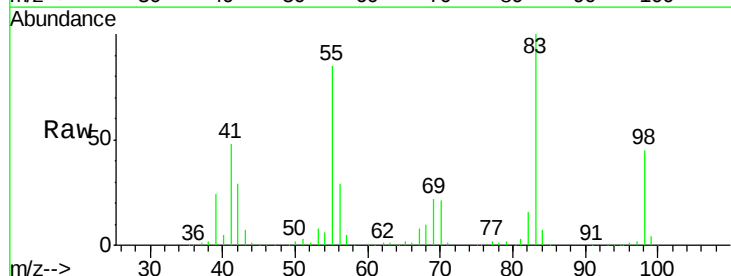


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

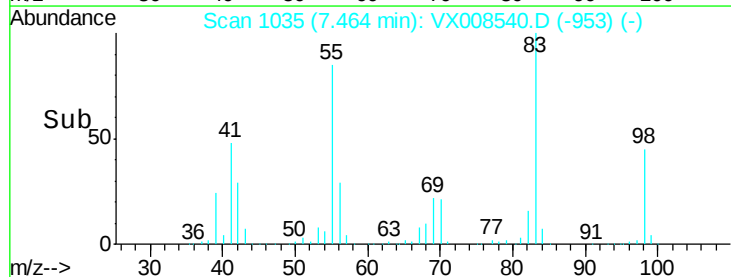
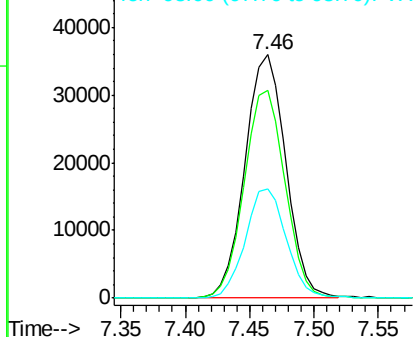


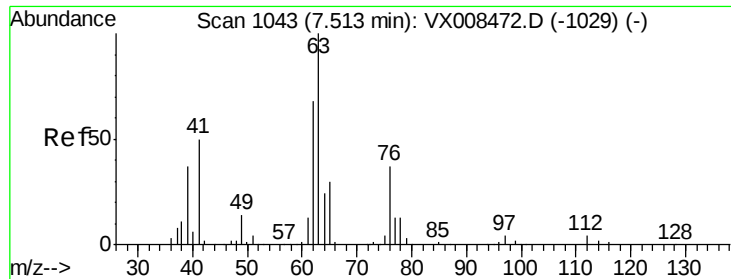
#38
 Methylcyclohexane
 Concen: 18.958 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 83 Resp: 79058
 Ion Ratio Lower Upper
 83 100
 55 85.4 36.0 108.0
 98 45.2 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

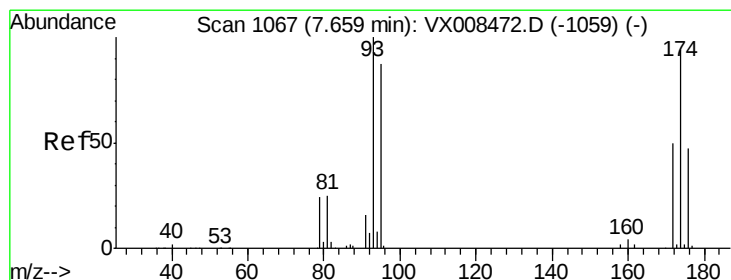
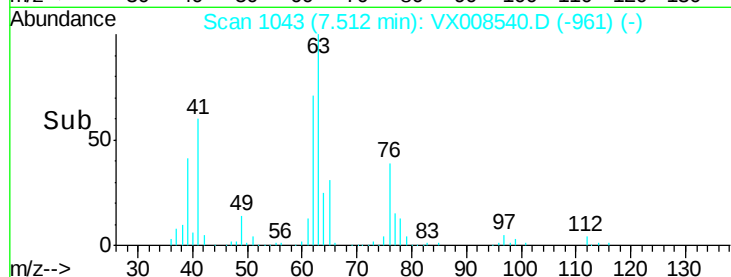
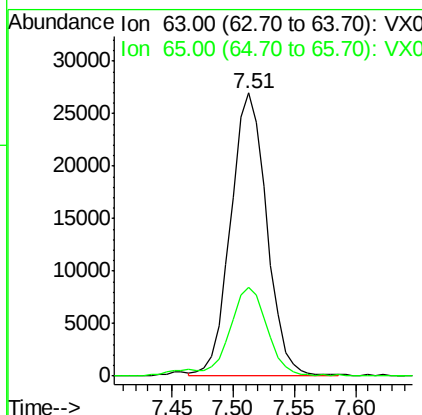
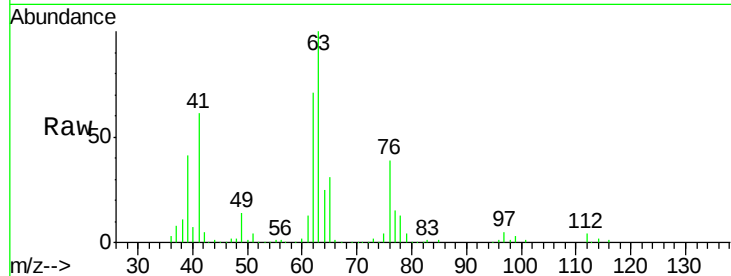




#39
 1,2-Dichloropropane
 Concen: 19.084 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

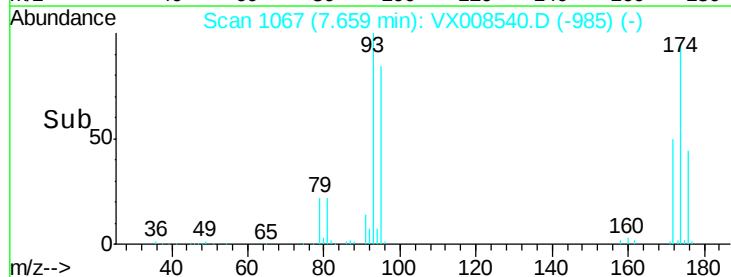
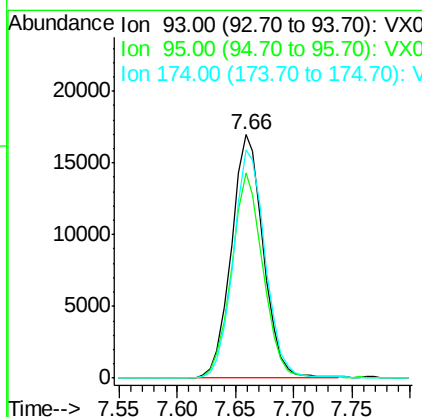
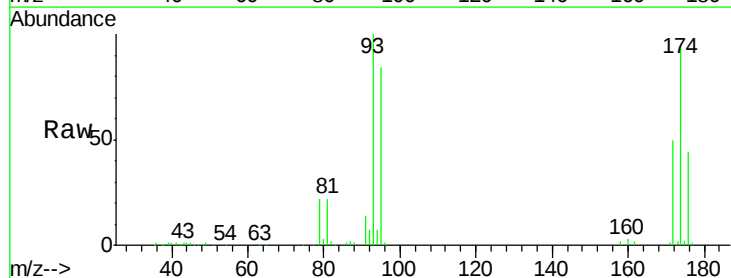
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

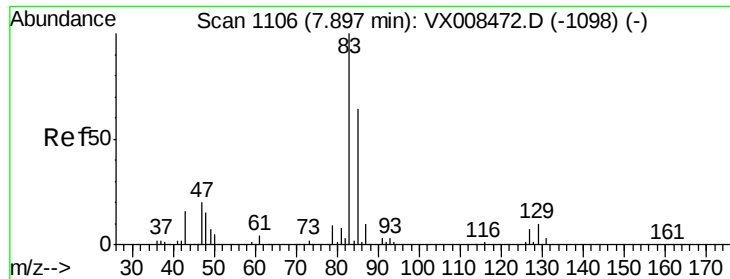
Tgt Ion: 63 Resp: 54757
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#40
 Dibromomethane
 Concen: 19.541 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 93 Resp: 32479
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 158.8
 174 93.8 0.0 224.2





#41

Bromodichloromethane

Concen: 19.080 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

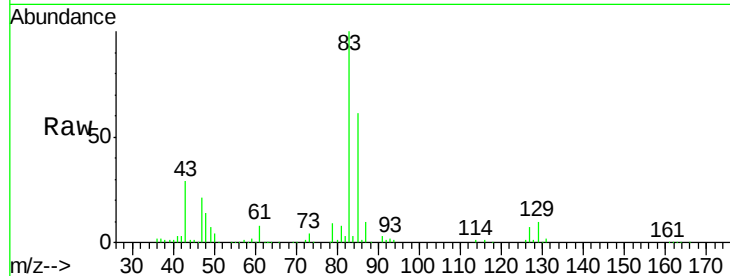
Tgt Ion: 83 Resp: 62355

Ion Ratio Lower Upper

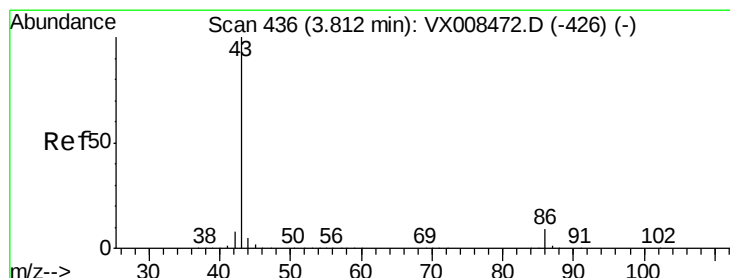
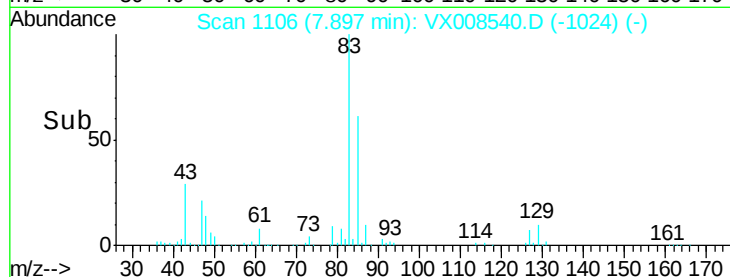
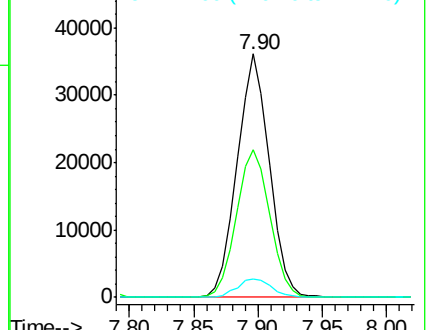
83 100

85 60.9 51.1 76.7

127 7.4 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: 100.004 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008540.D

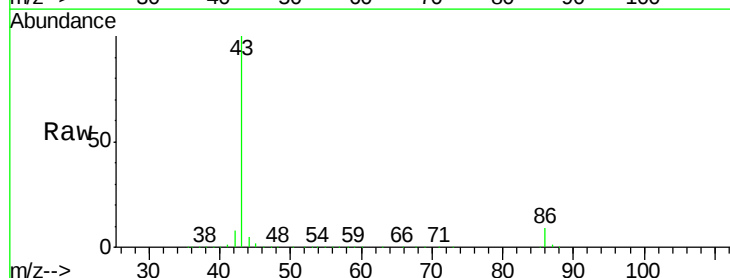
Acq: 29 Mar 2019 13:43

Tgt Ion: 43 Resp: 824980

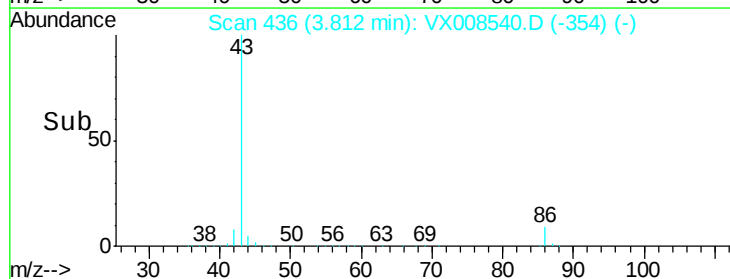
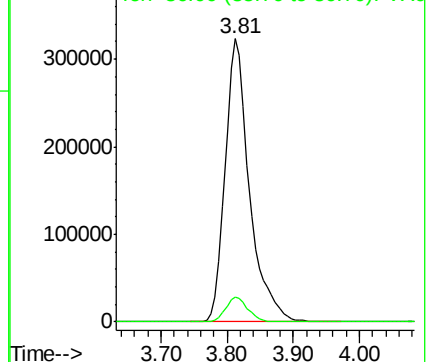
Ion Ratio Lower Upper

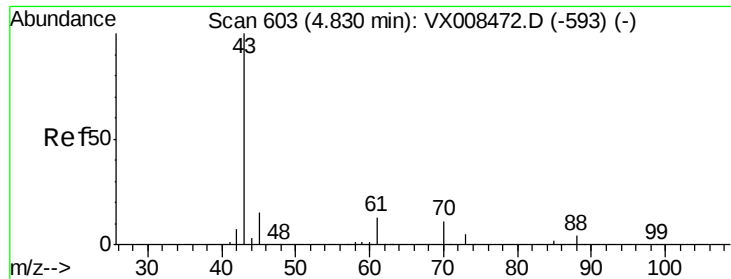
43 100

86 7.9 8.2 12.2#



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

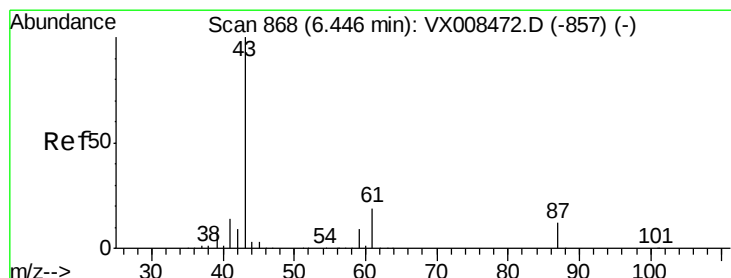
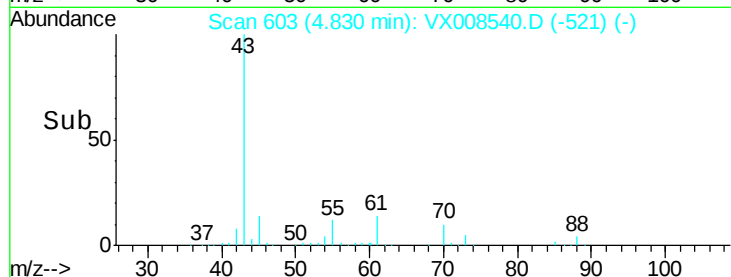
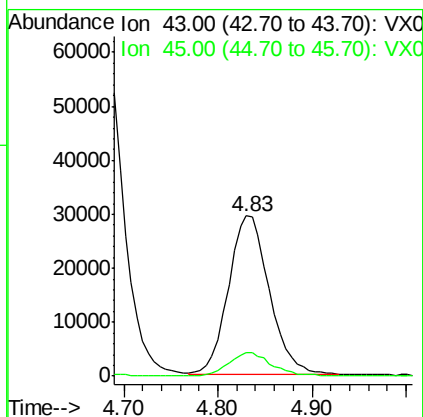
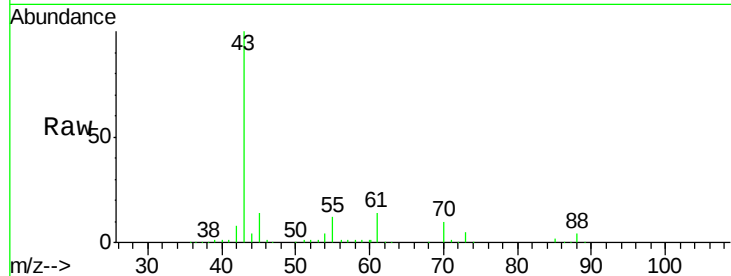




#43
Ethyl Acetate
Concen: 20.456 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

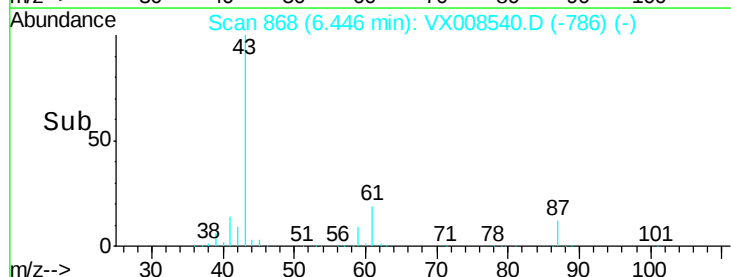
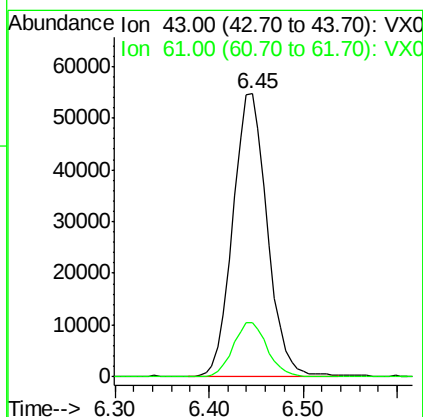
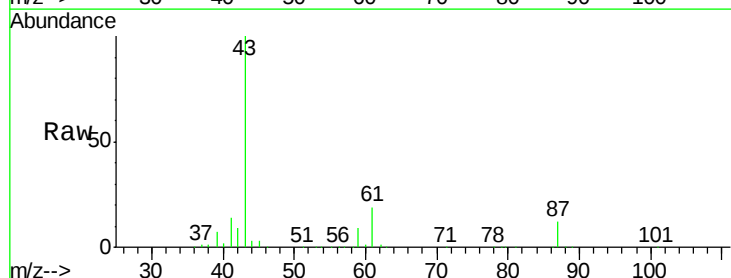
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

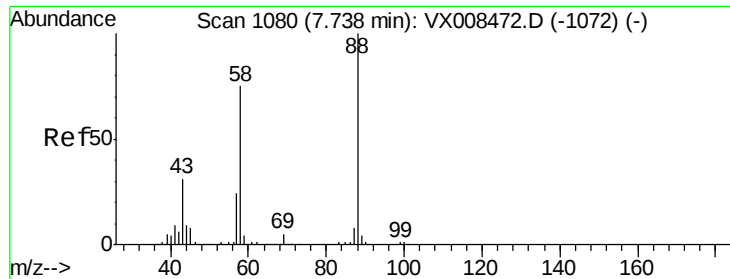
Tgt Ion: 43 Resp: 89596
Ion Ratio Lower Upper
43 100
45 14.9 6.9 10.3#



#44
Isopropyl Acetate
Concen: 19.638 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 43 Resp: 139084
Ion Ratio Lower Upper
43 100
61 19.2 16.1 24.1





#45

1,4-Dioxane

Concen: 426.983 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

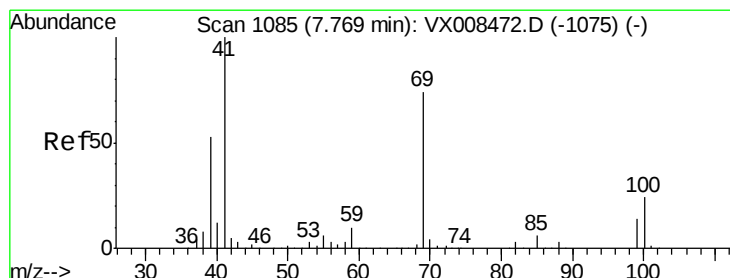
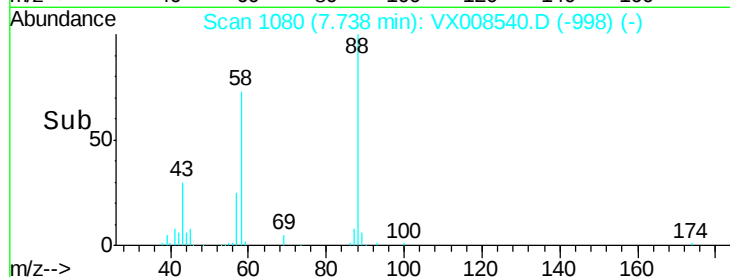
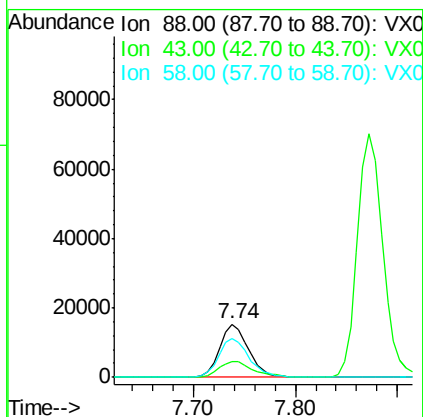
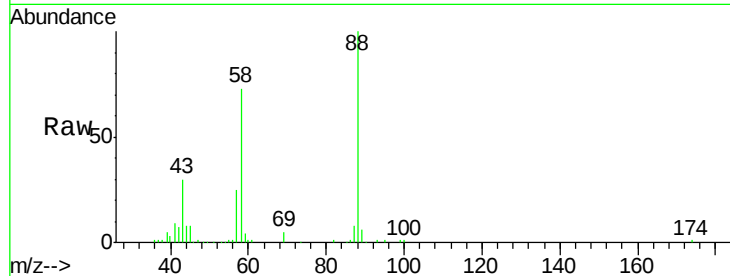
Tgt Ion: 88 Resp: 30104

Ion Ratio Lower Upper

88 100

43 34.1 23.6 35.4

58 76.2 51.6 77.4



#46

Methyl methacrylate

Concen: 19.470 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

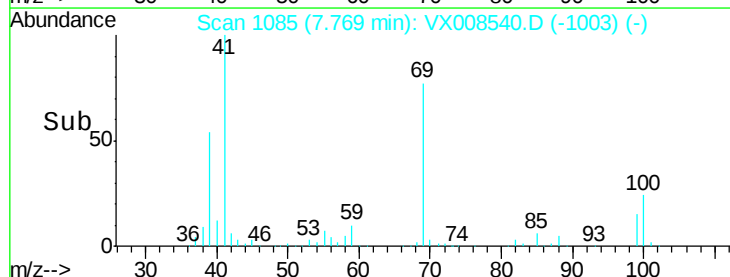
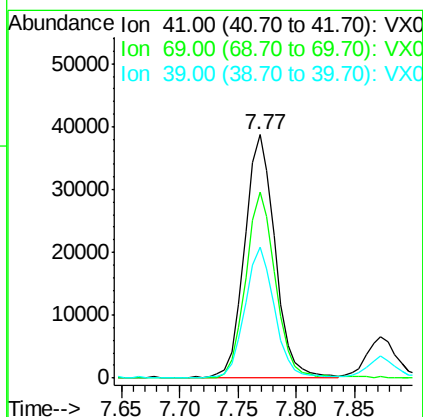
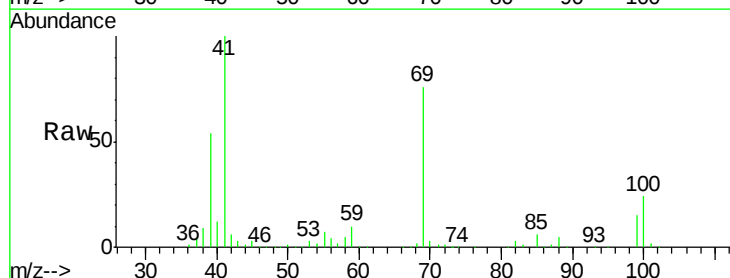
Tgt Ion: 41 Resp: 70035

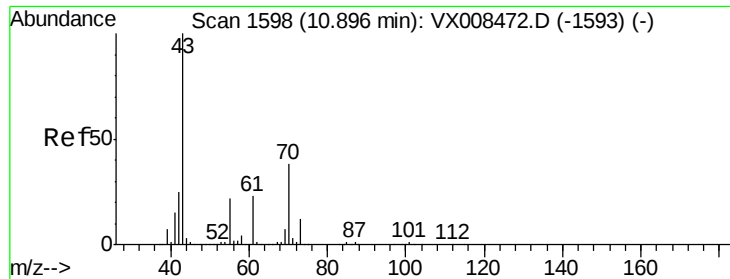
Ion Ratio Lower Upper

41 100

69 76.6 44.2 132.6

39 53.8 29.9 89.8

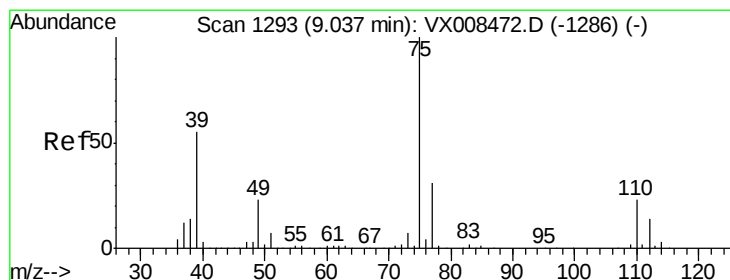
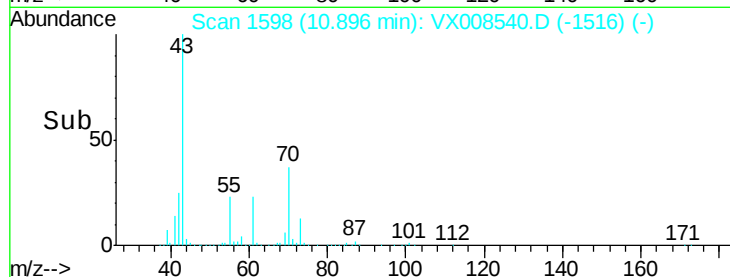
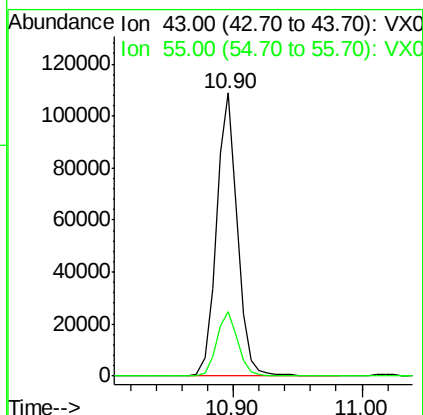
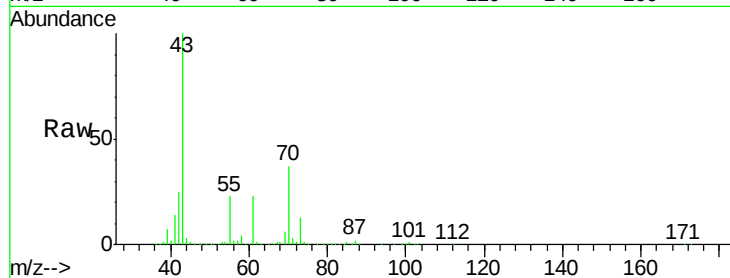




#47
n-amy1 Acetate
Concen: 19.243 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

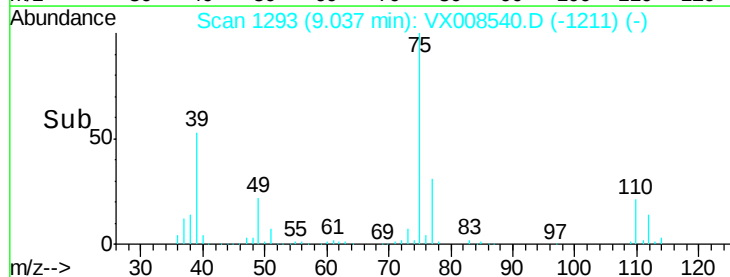
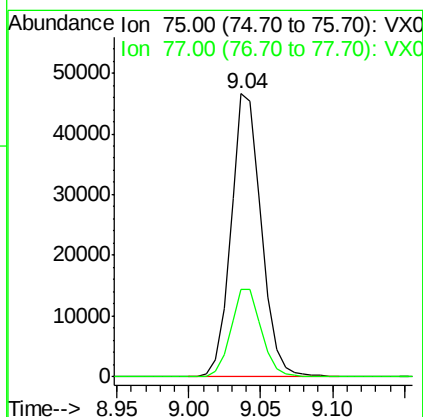
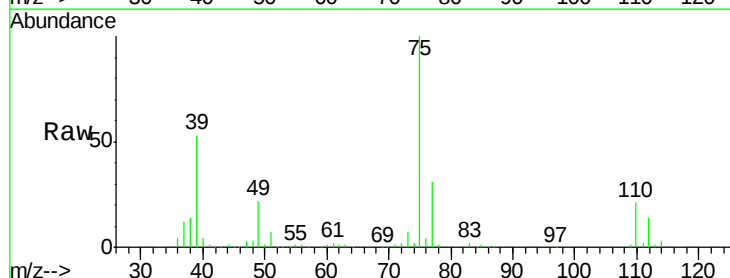
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

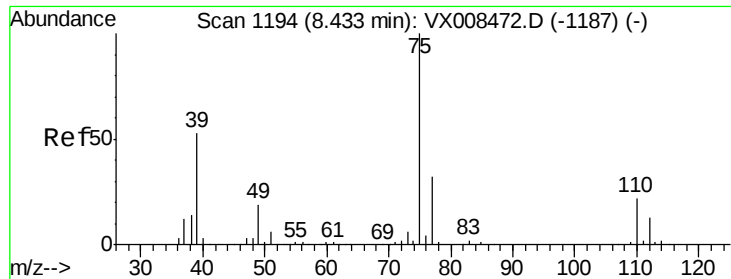
Tgt Ion: 43 Resp: 123797
Ion Ratio Lower Upper
43 100
55 23.2 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 18.523 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 75 Resp: 68375
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7

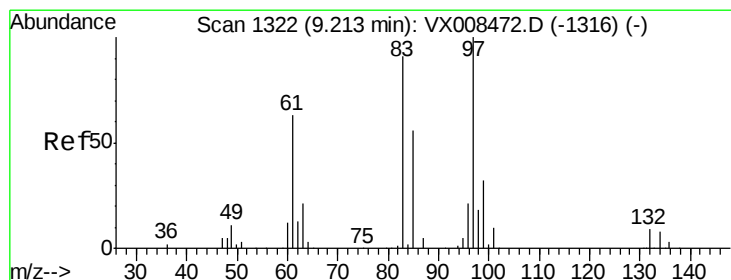
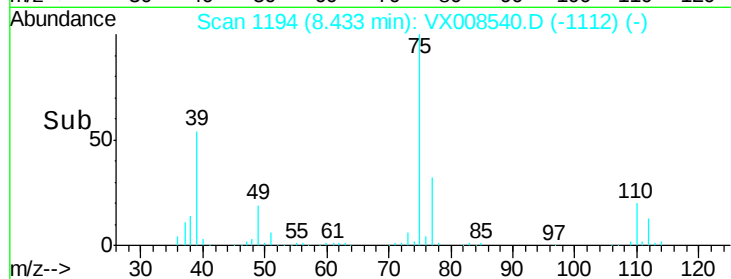
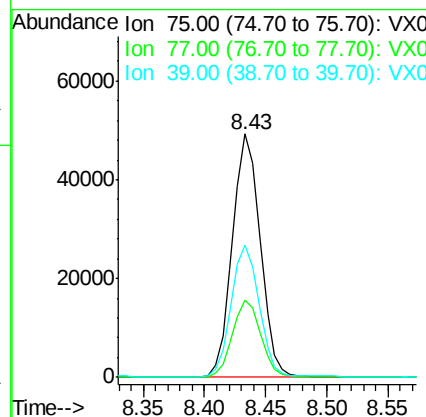
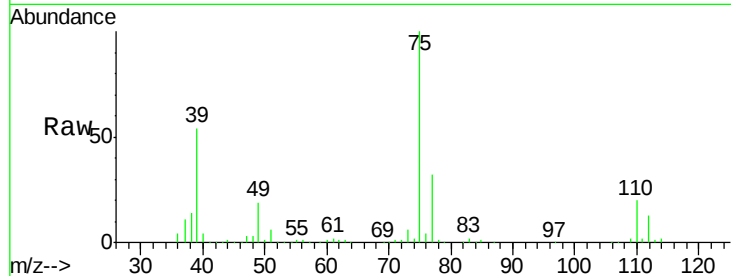




#49
 cis-1,3-Dichloropropene
 Concen: 18.884 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

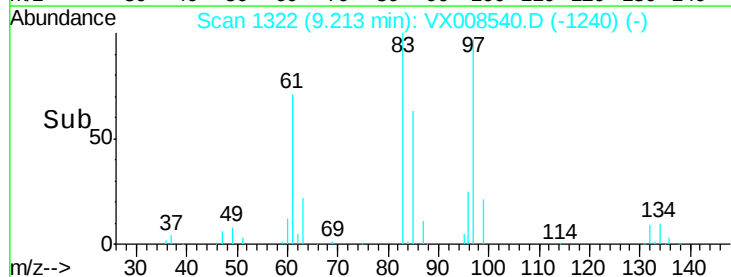
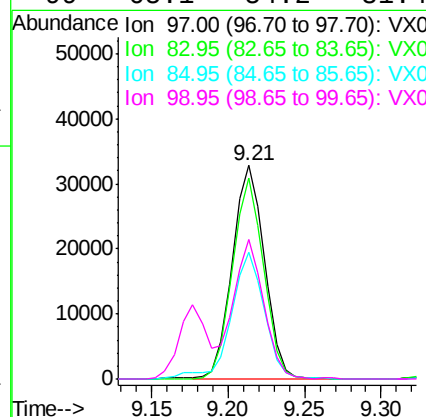
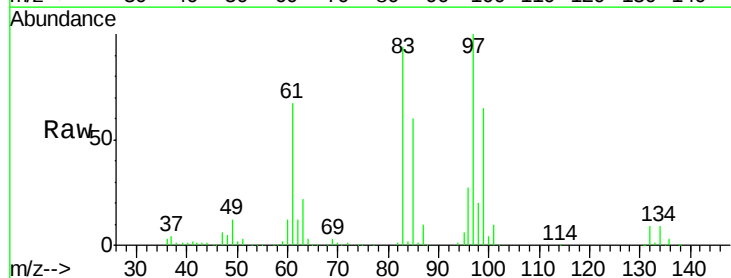
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

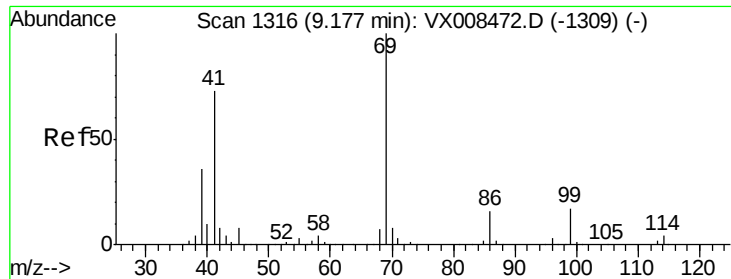
Tgt Ion: 75 Resp: 77971
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4
 39 54.0 38.5 57.7



#50
 1,1,2-Trichloroethane
 Concen: 19.212 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 97 Resp: 47414
 Ion Ratio Lower Upper
 97 100
 83 94.0 72.0 108.0
 85 59.5 45.0 67.6
 99 65.1 54.2 81.4





#51

Ethyl methacrylate

Concen: 19.146 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS01

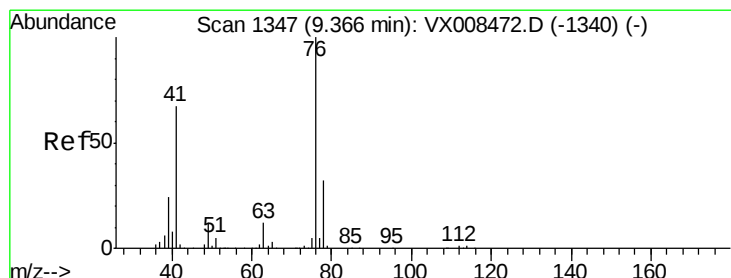
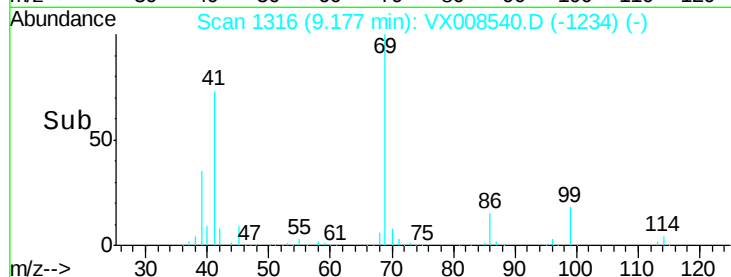
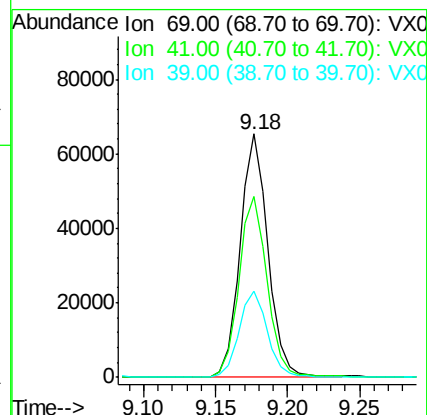
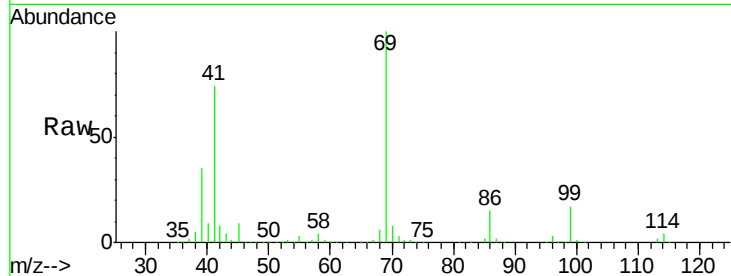
Tgt Ion: 69 Resp: 87933

Ion Ratio Lower Upper

69 100

41 74.2 32.1 96.5

39 35.2 18.8 56.3



#52

1,3-Dichloropropane

Concen: 19.670 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008540.D

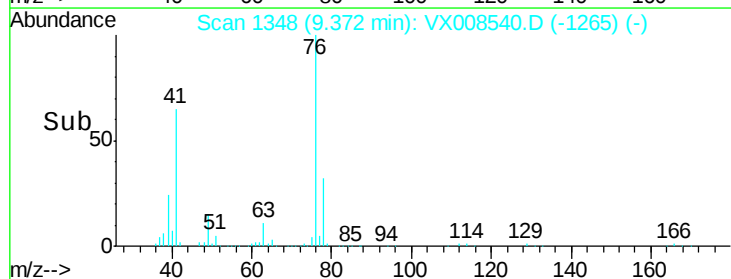
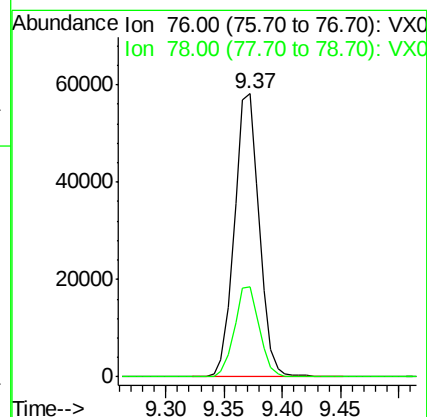
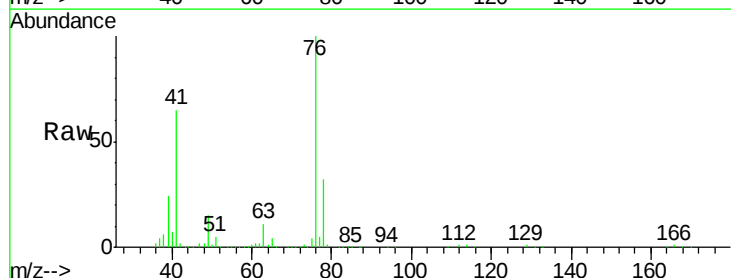
Acq: 29 Mar 2019 13:43

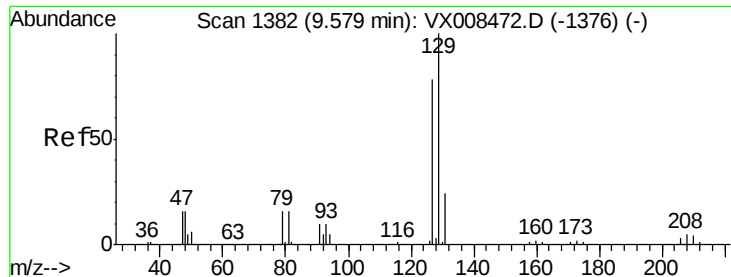
Tgt Ion: 76 Resp: 86365

Ion Ratio Lower Upper

76 100

78 32.0 0.0 65.2

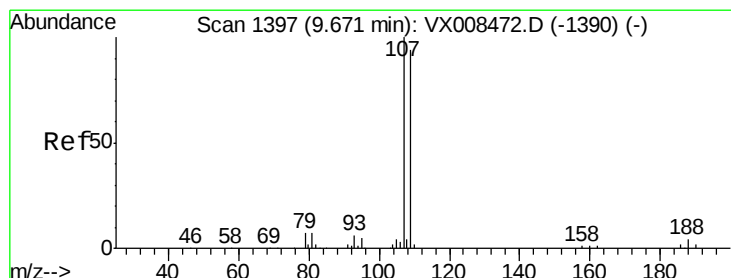
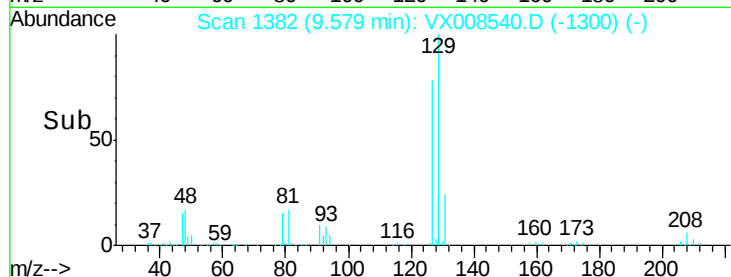
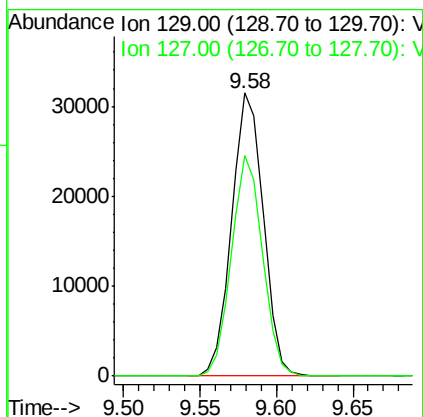
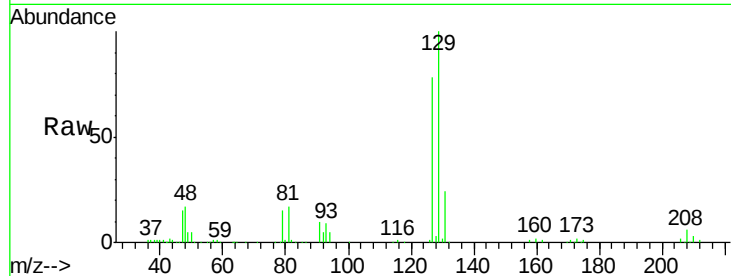




#53
 Dibromochloromethane
 Concen: 18.614 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

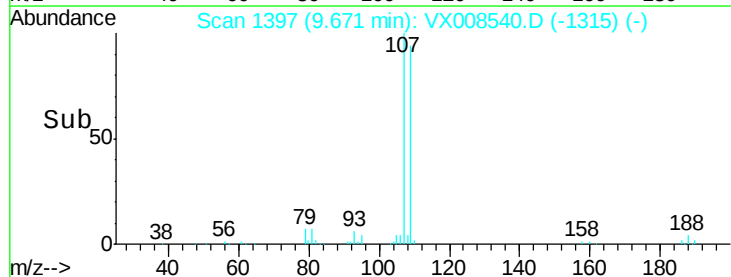
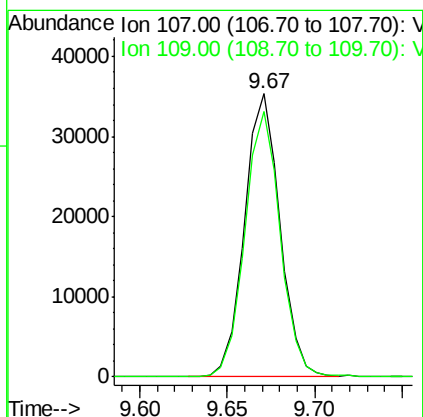
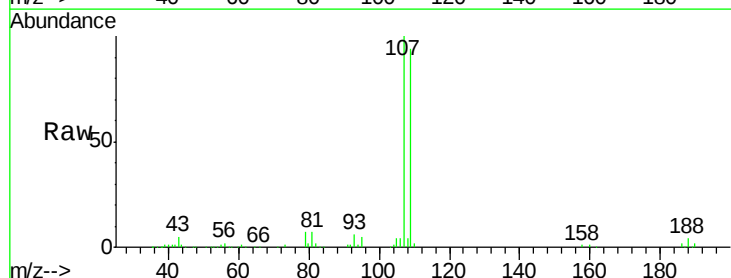
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

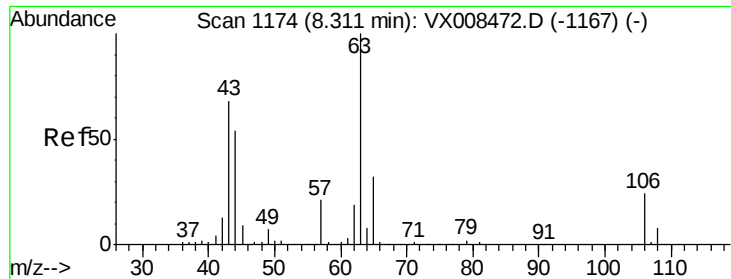
Tgt Ion:129 Resp: 45207
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.4 115.2



#54
 1,2-Dibromoethane
 Concen: 19.540 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion:107 Resp: 49713
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.6 115.0

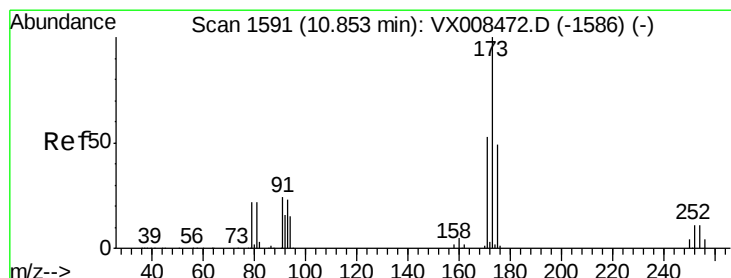
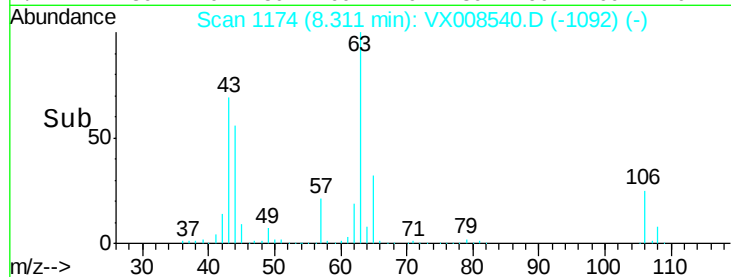
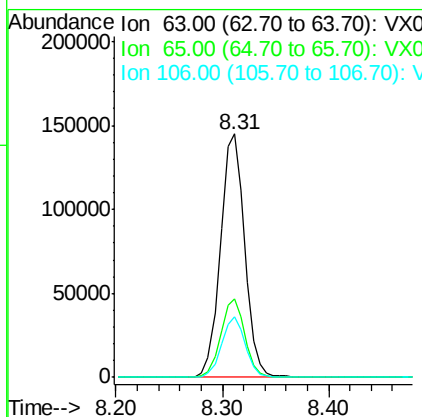
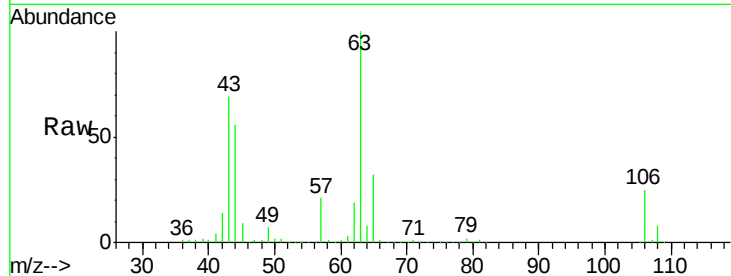




#55
 2-Chloroethyl vinyl ether
 Concen: 99.539 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

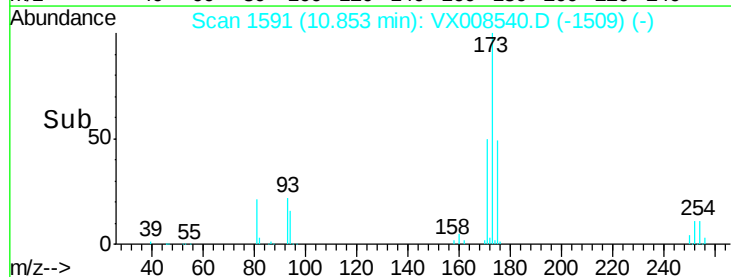
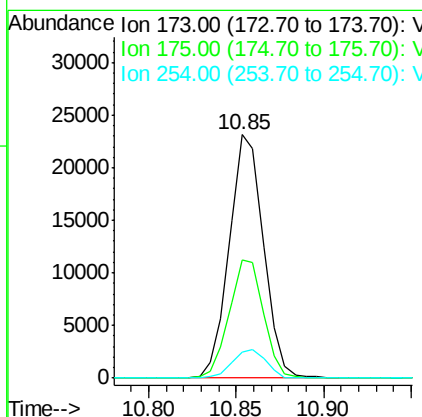
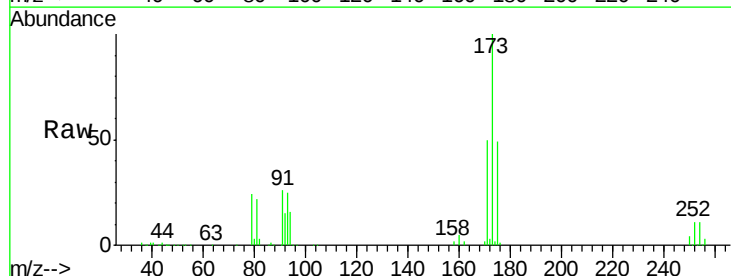
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

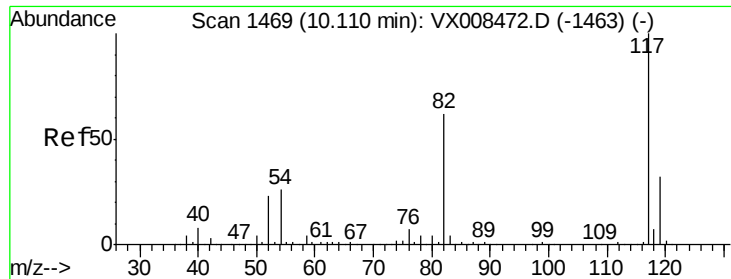
Tgt Ion: 63 Resp: 230627
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5
 106 24.1 23.7 35.5



#56
 Bromoform
 Concen: 17.849 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 173 Resp: 31592
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.5 57.7
 254 11.4 7.4 11.2#

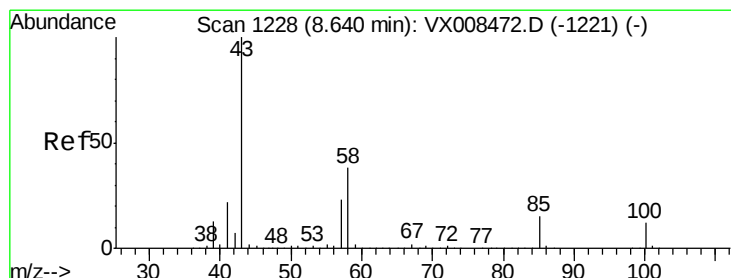
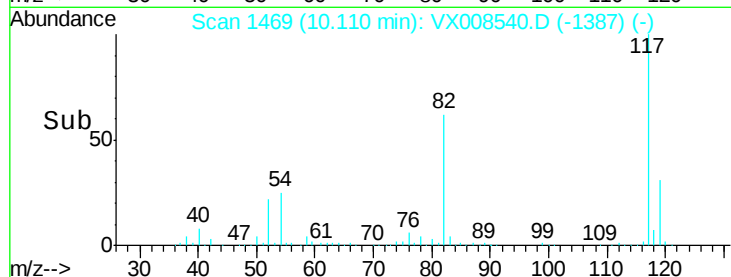
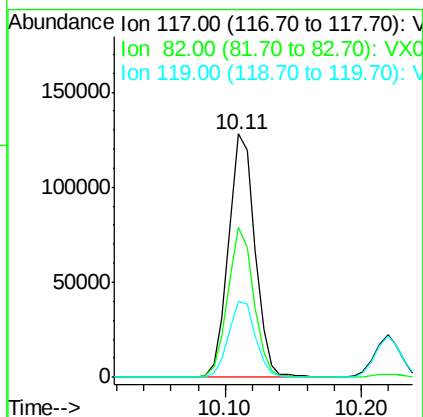
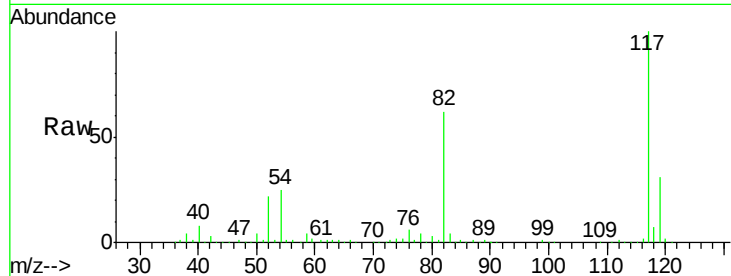




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

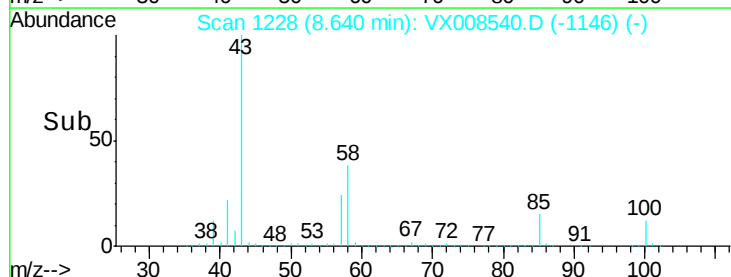
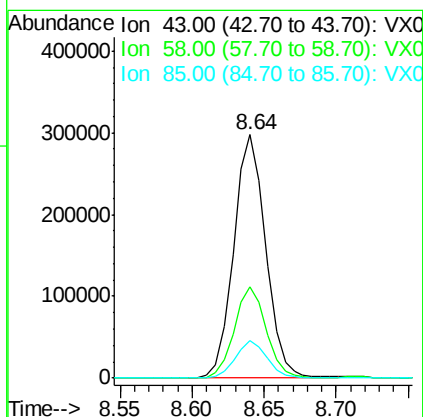
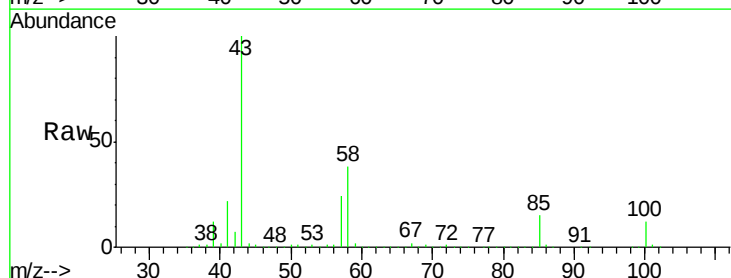
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

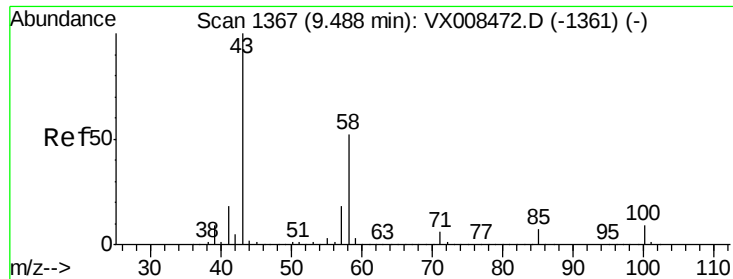
Tgt Ion: 117 Resp: 173760
Ion Ratio Lower Upper
117 100
82 60.2 40.4 60.6
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 100.548 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 43 Resp: 460923
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.0
85 15.0 15.0 22.6#

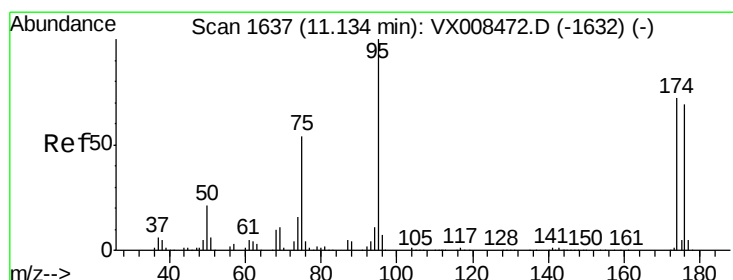
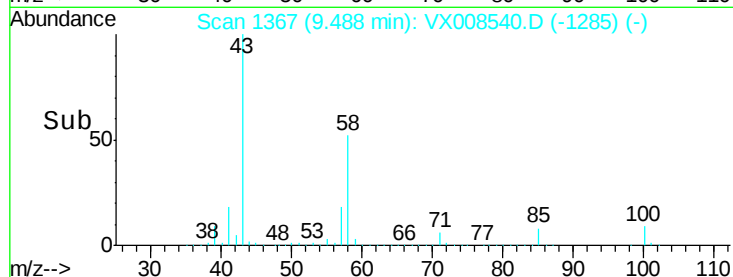
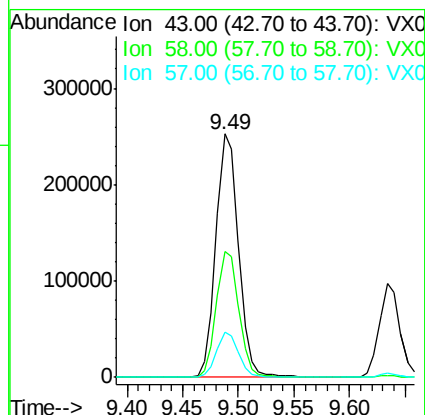
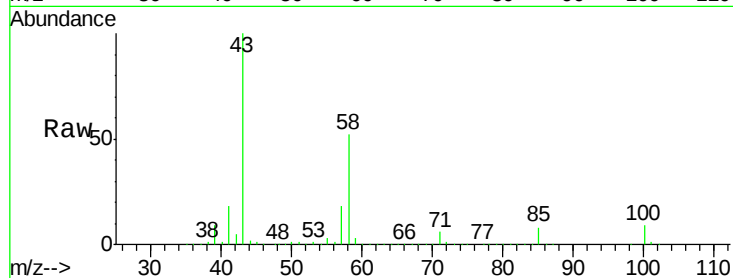




#59
2-Hexanone
Concen: 98.642 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

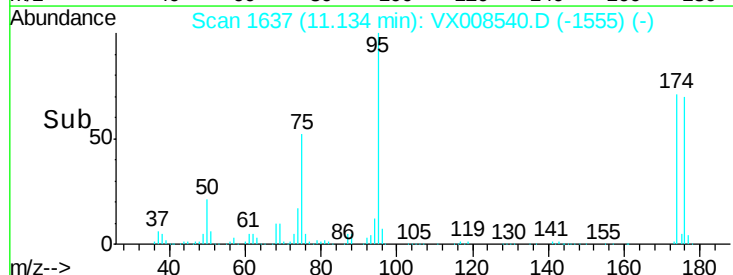
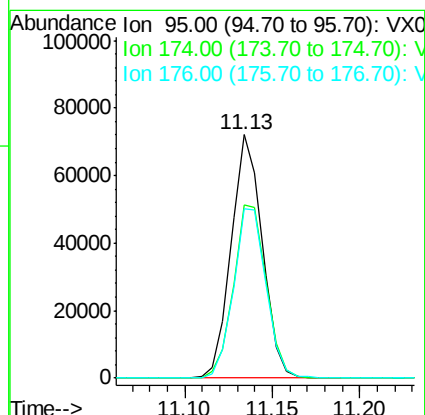
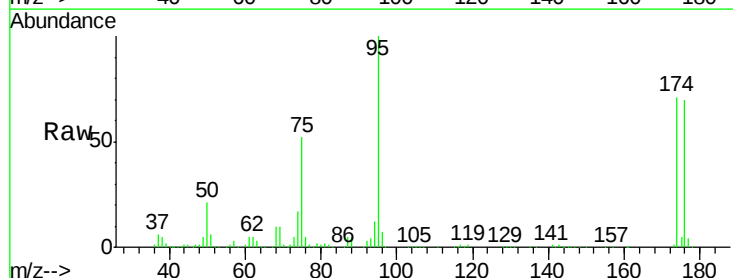
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

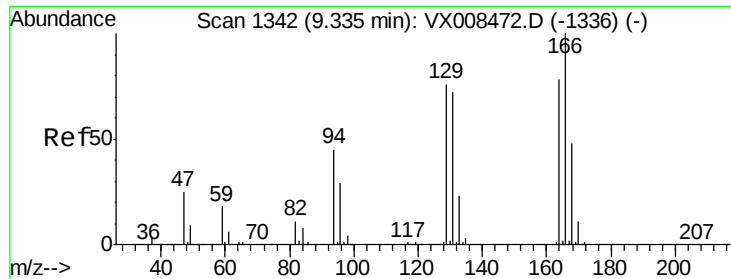
Tgt Ion: 43 Resp: 357245
Ion Ratio Lower Upper
43 100
58 51.9 43.9 65.9
57 18.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 29.452 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion: 95 Resp: 89166
Ion Ratio Lower Upper
95 100
174 75.2 74.9 112.3
176 73.2 70.7 106.1





#61

Tetrachloroethene

Concen: 20.130 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS01

Tgt Ion:164 Resp: 38259

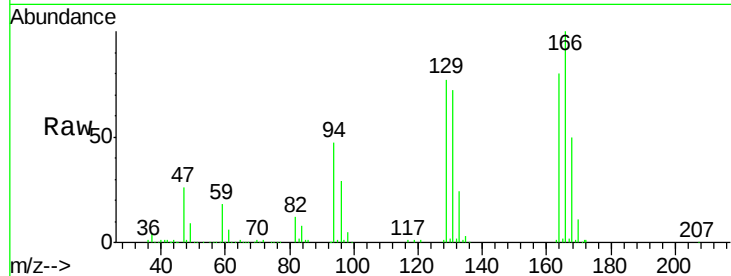
Ion Ratio Lower Upper

164 100

166 124.6 103.9 155.9

129 95.5 74.7 112.1

131 90.1 71.7 107.5

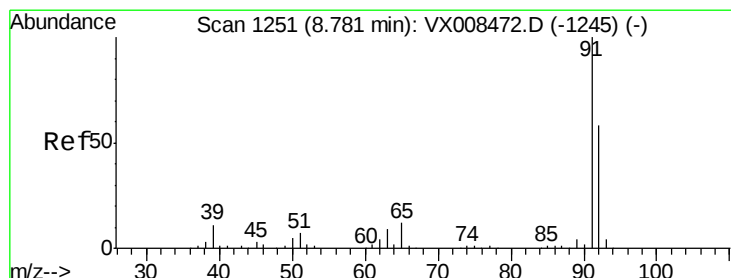
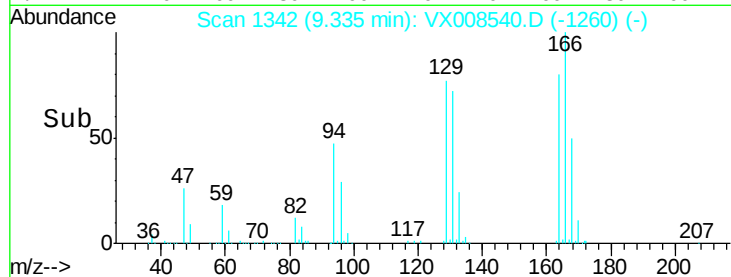
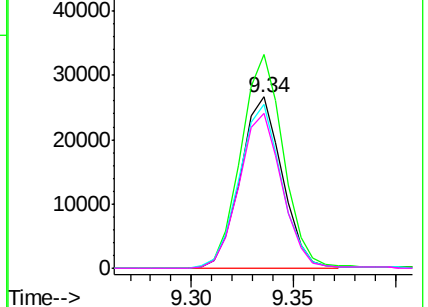


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.823 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008540.D

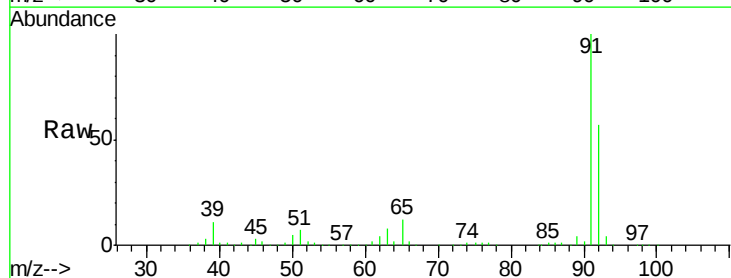
Acq: 29 Mar 2019 13:43

Tgt Ion: 91 Resp: 208546

Ion Ratio Lower Upper

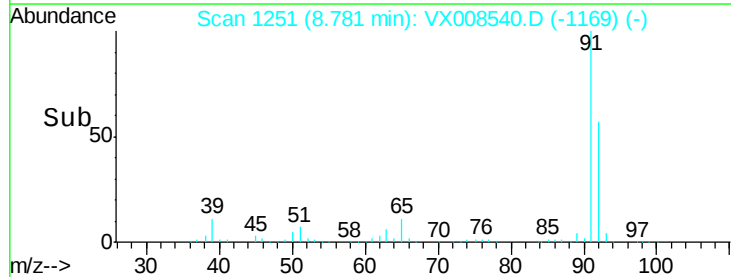
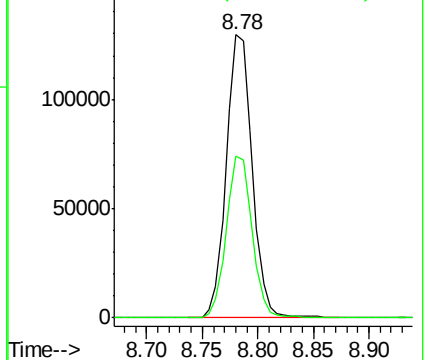
91 100

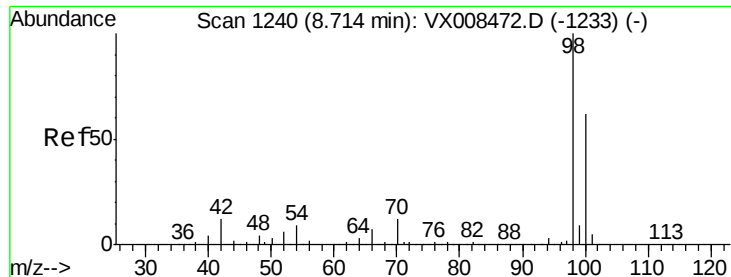
92 57.3 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.415 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

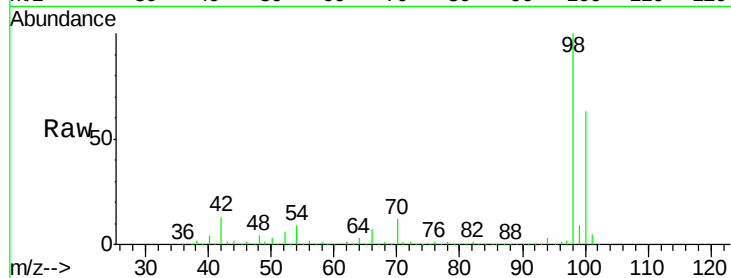
VX0329WBS01

Tgt Ion: 98 Resp: 250860

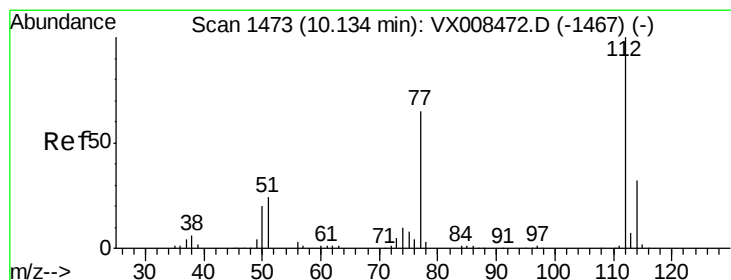
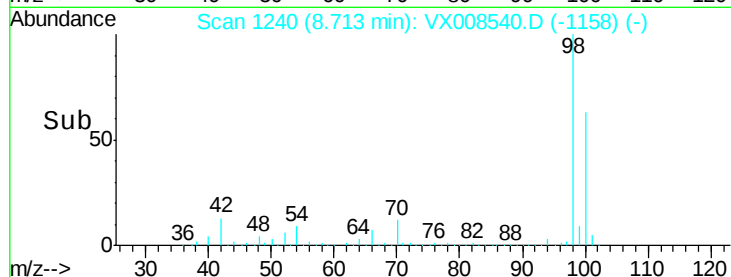
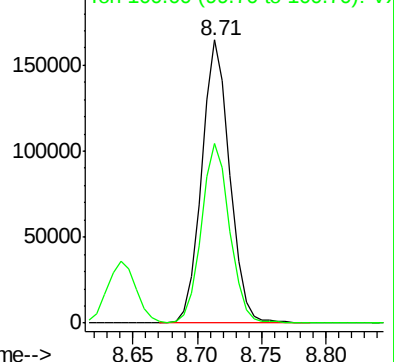
Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX008472.D (-1233) (-)



#64

Chlorobenzene

Concen: 19.500 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008540.D

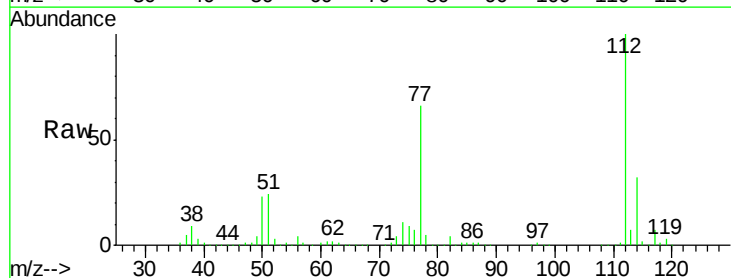
Acq: 29 Mar 2019 13:43

Tgt Ion: 112 Resp: 120207

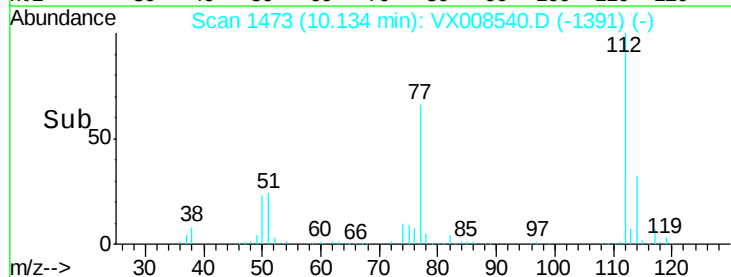
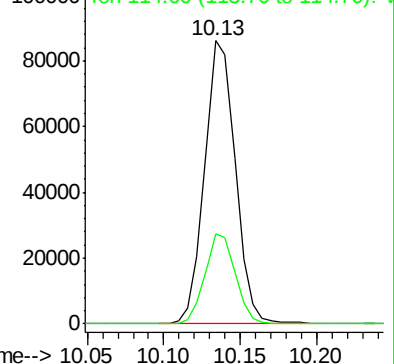
Ion Ratio Lower Upper

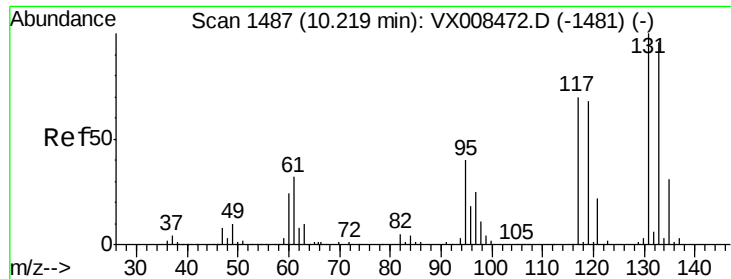
112 100

114 32.0 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX008472.D (-1467) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.451 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

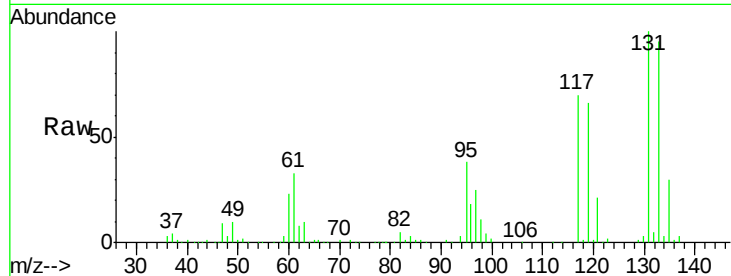
Tgt Ion:131 Resp: 42274

Ion Ratio Lower Upper

131 100

133 95.4 0.0 191.6

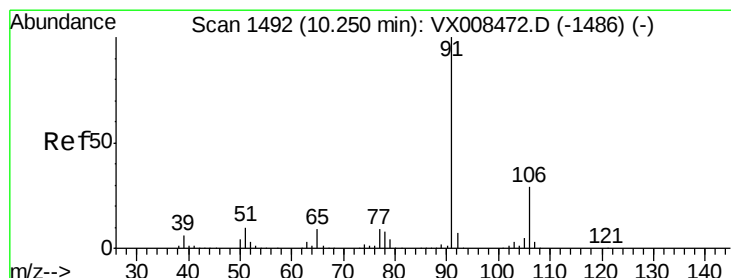
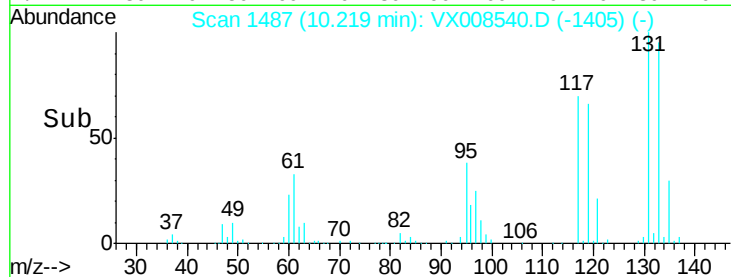
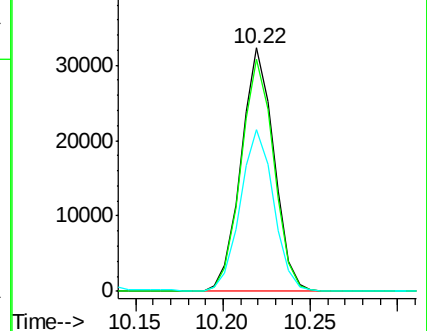
119 67.3 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.354 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008540.D

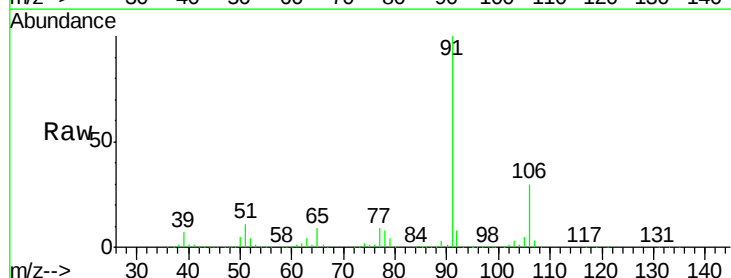
Acq: 29 Mar 2019 13:43

Tgt Ion: 91 Resp: 226000

Ion Ratio Lower Upper

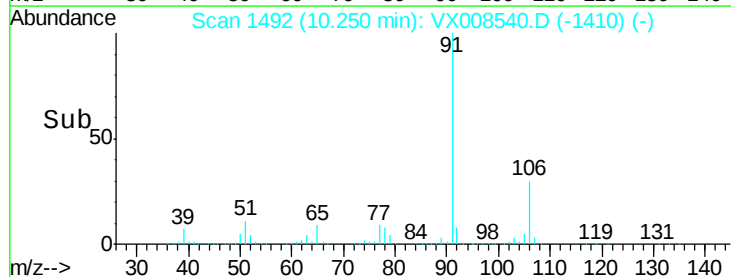
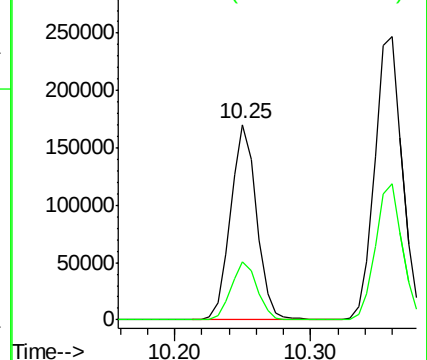
91 100

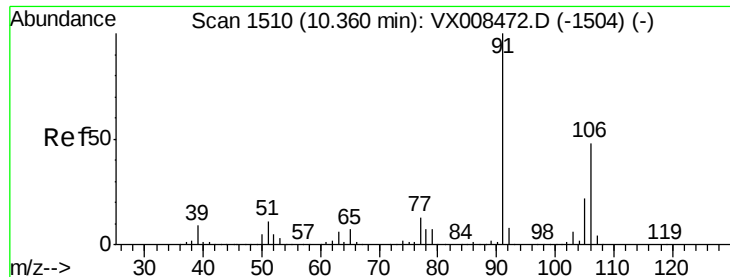
106 29.9 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

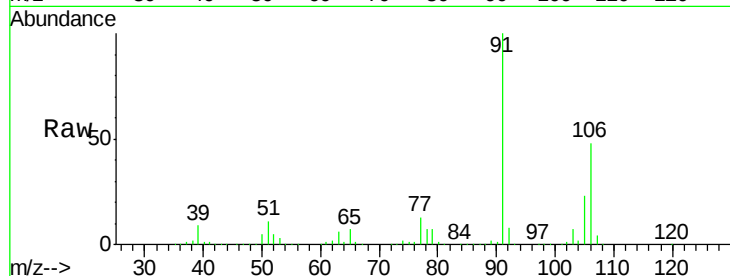




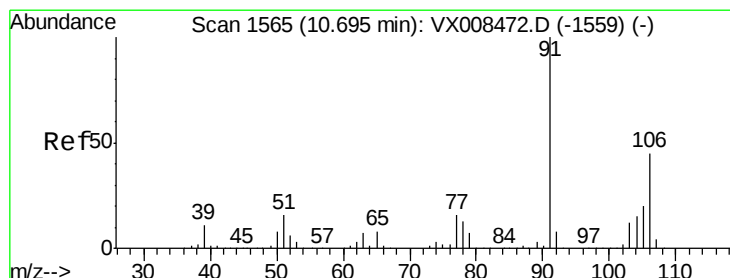
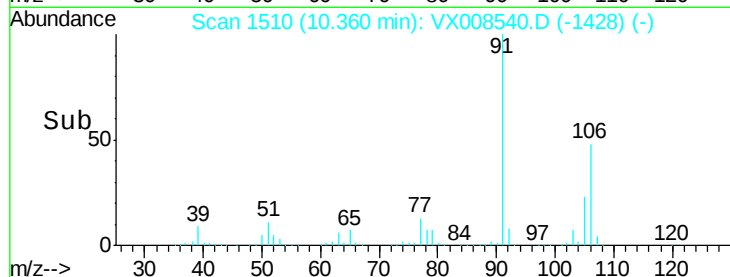
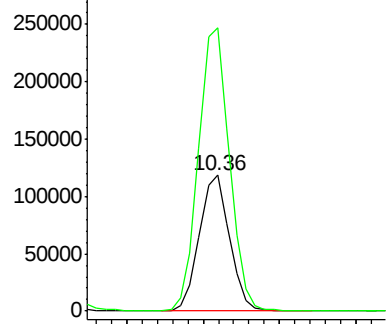
#67
m/p-Xylenes
Concen: 38.100 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:106 Resp: 162275
Ion Ratio Lower Upper
106 100
91 213.4 157.0 235.4

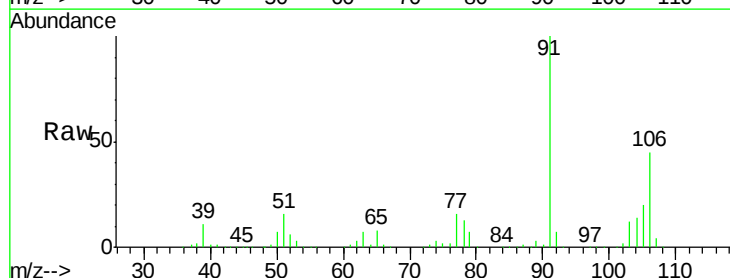


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

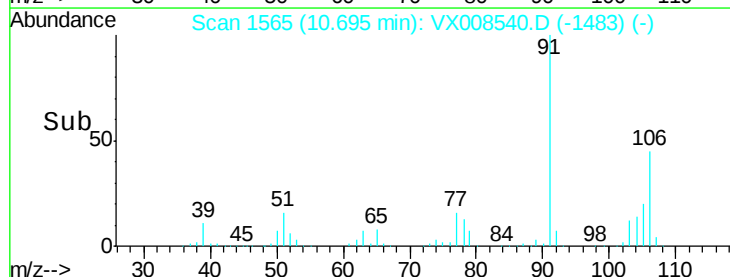
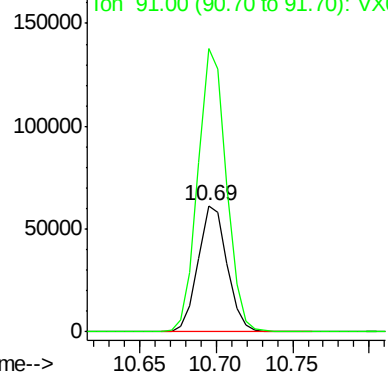


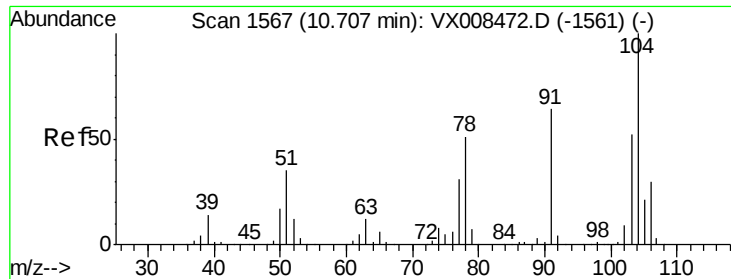
#68
o-Xylene
Concen: 19.398 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion:106 Resp: 80849
Ion Ratio Lower Upper
106 100
91 220.0 104.4 313.2



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

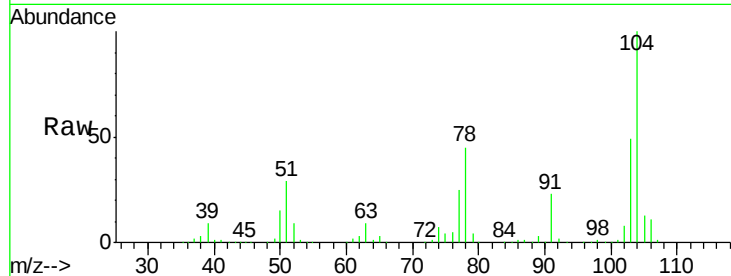




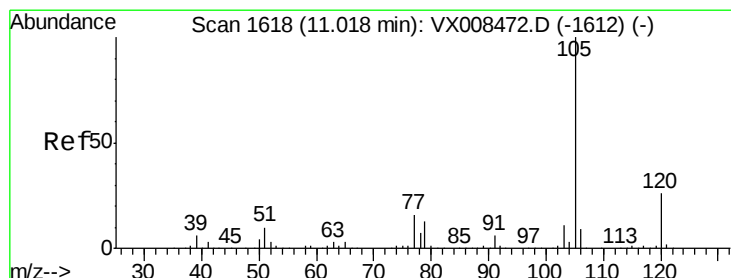
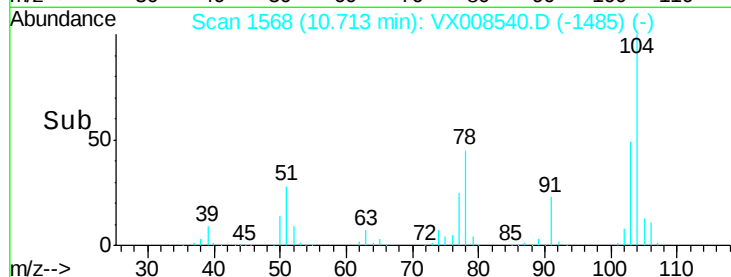
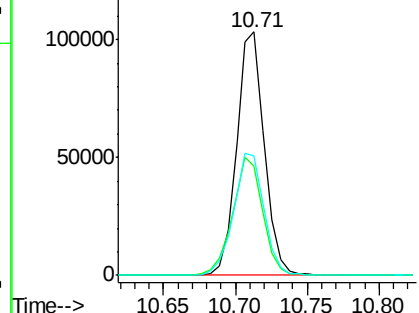
#69
Styrene
Concen: 19.130 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
VX0329WBS01

Tgt Ion:104 Resp: 138736
Ion Ratio Lower Upper
104 100
78 53.0 38.2 57.2
103 55.1 45.0 67.4

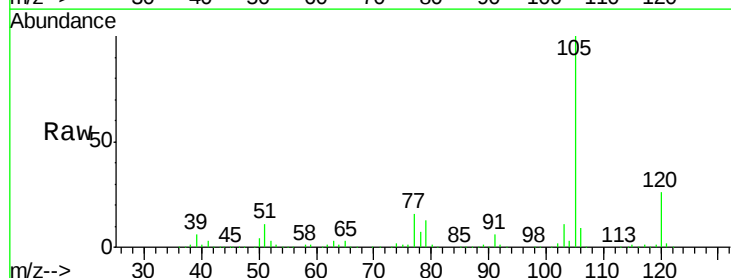


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

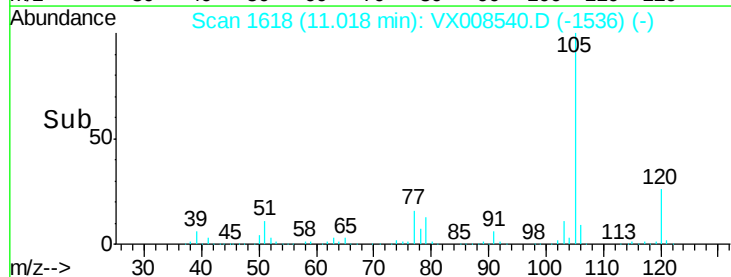
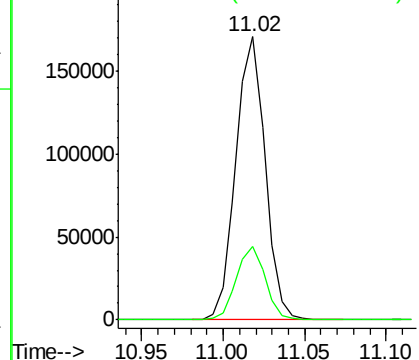


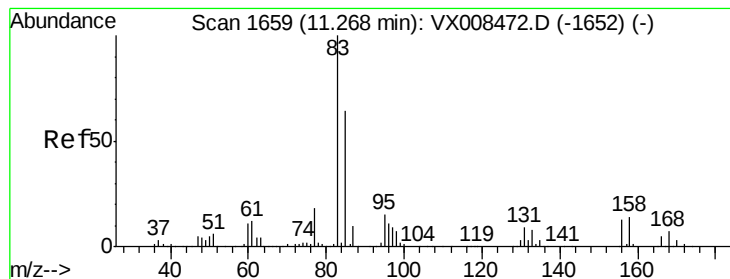
#70
Isopropylbenzene
Concen: 19.472 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion:105 Resp: 214083
Ion Ratio Lower Upper
105 100
120 25.8 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: 19.782 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

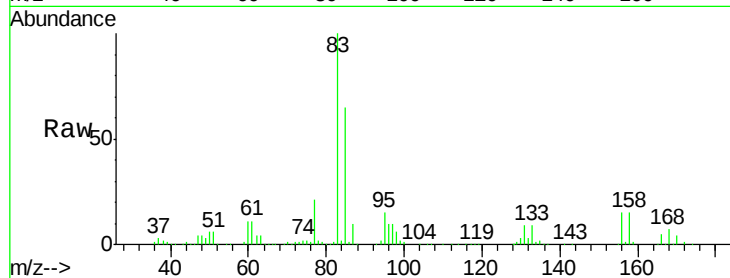
Tgt Ion: 83 Resp: 81250

Ion Ratio Lower Upper

83 100

131 9.0 5.4 16.2

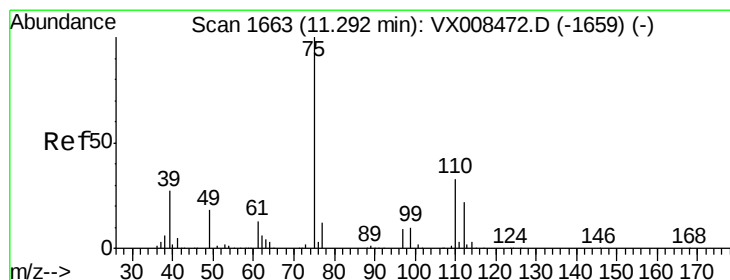
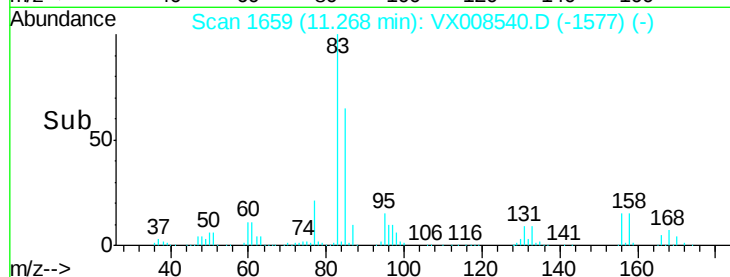
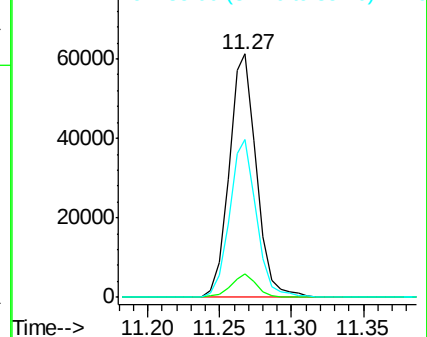
85 64.0 32.8 98.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.416 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008540.D

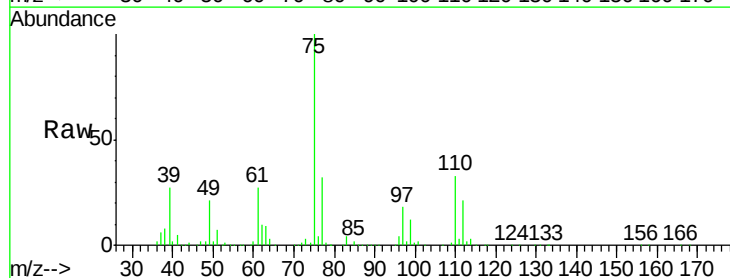
Acq: 29 Mar 2019 13:43

Tgt Ion: 75 Resp: 91707

Ion Ratio Lower Upper

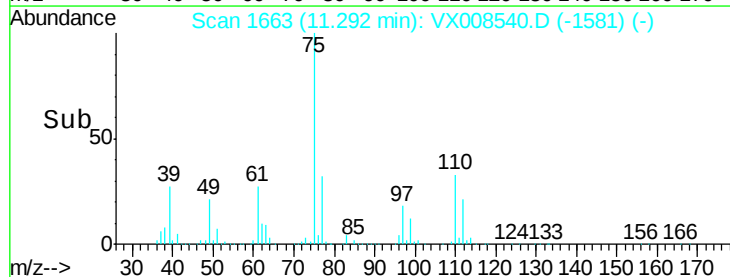
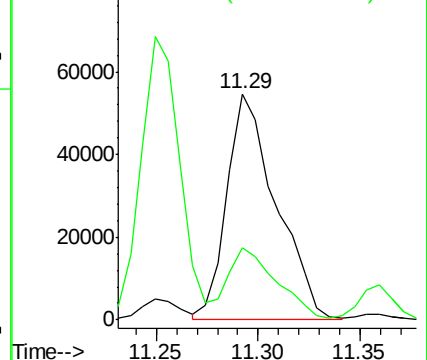
75 100

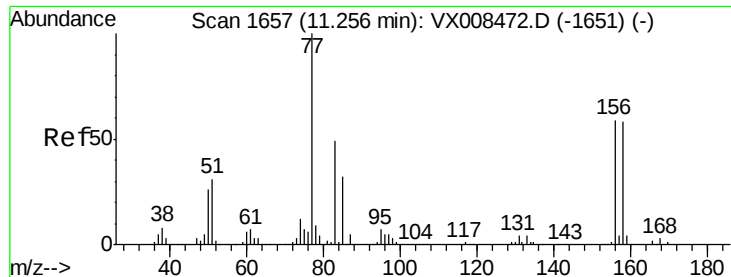
77 32.2 0.0 76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.023 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

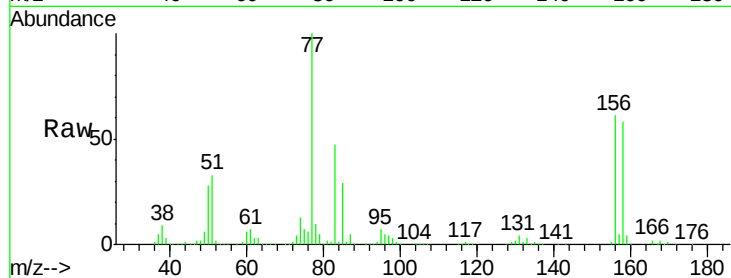
Tgt Ion:156 Resp: 49759

Ion Ratio Lower Upper

156 100

77 180.6 0.0 271.4

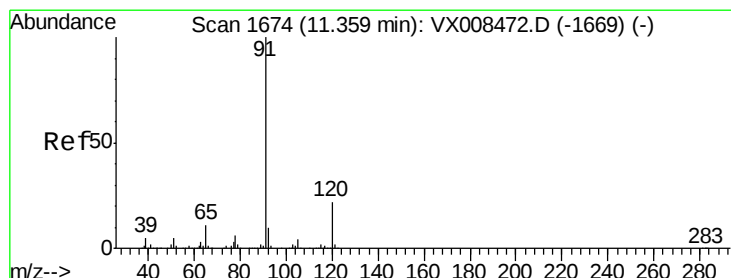
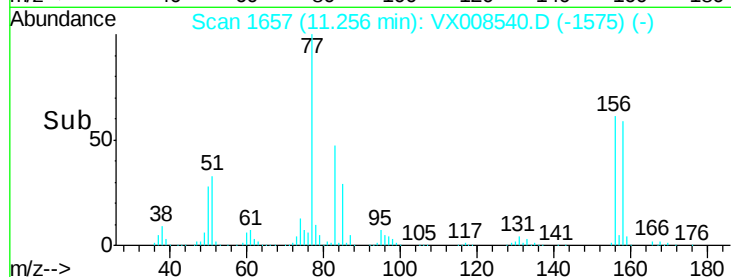
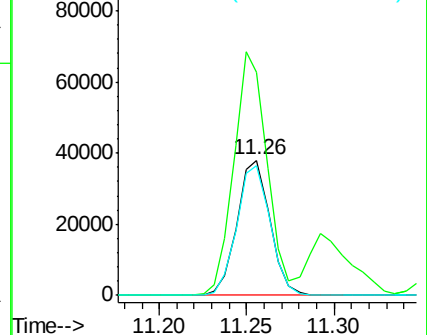
158 98.1 0.0 194.0



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: 19.125 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008540.D

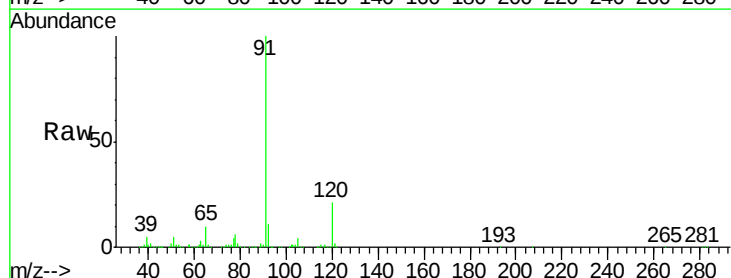
Acq: 29 Mar 2019 13:43

Tgt Ion: 91 Resp: 250495

Ion Ratio Lower Upper

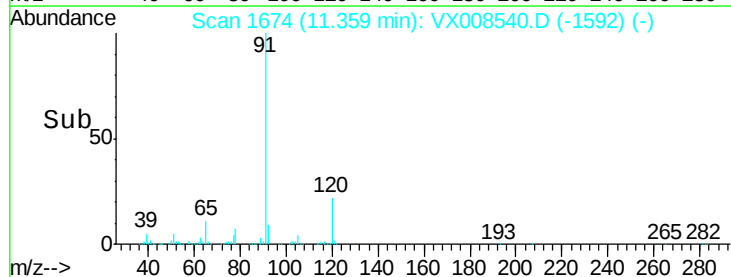
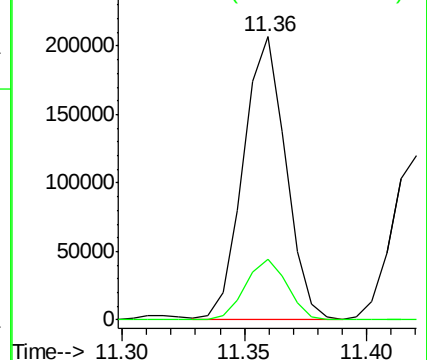
91 100

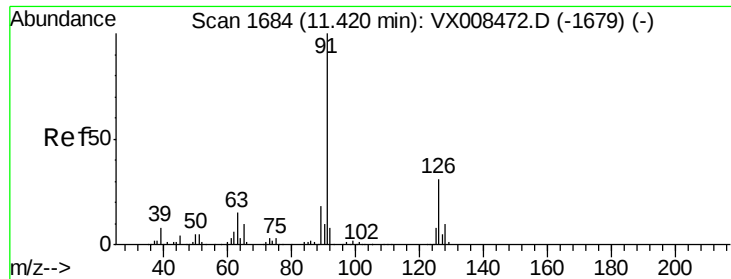
120 21.3 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.174 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

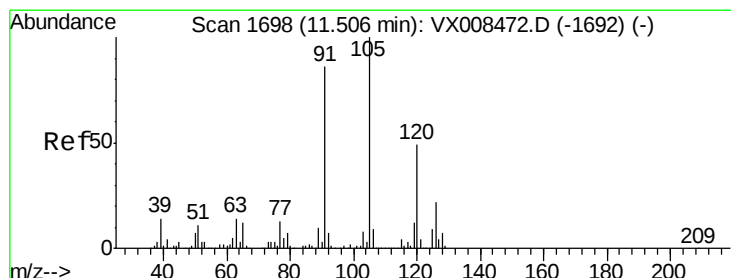
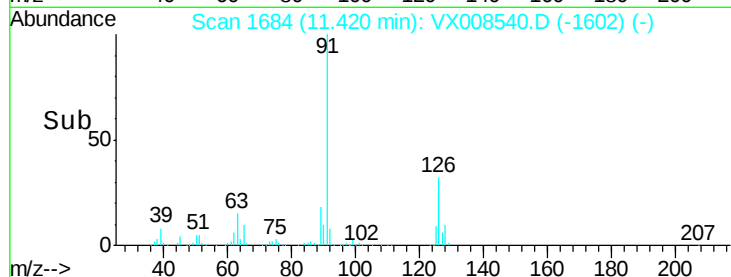
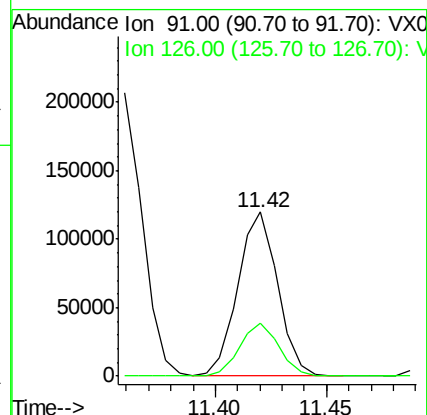
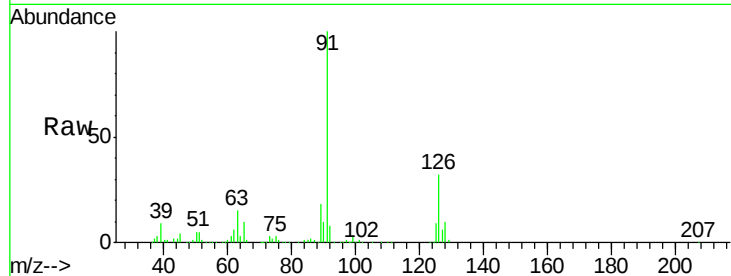
VX0329WBS01

Tgt Ion: 91 Resp: 149407

Ion Ratio Lower Upper

91 100

126 31.8 0.0 75.2



#76

1,3,5-Trimethylbenzene

Concen: 19.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008540.D

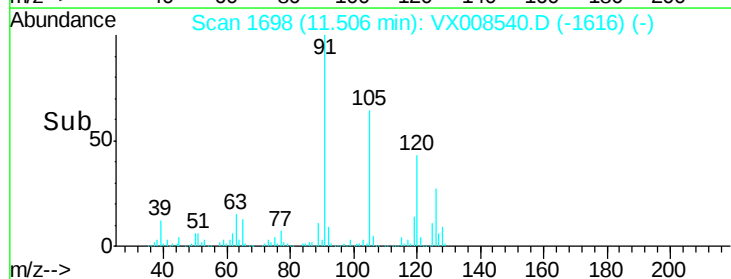
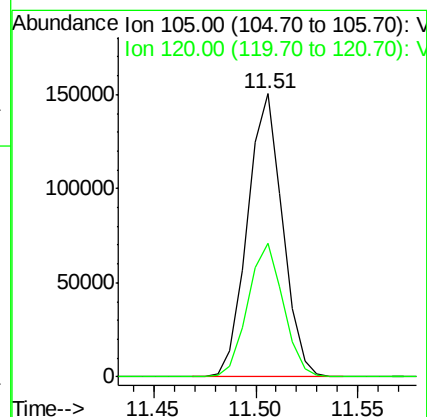
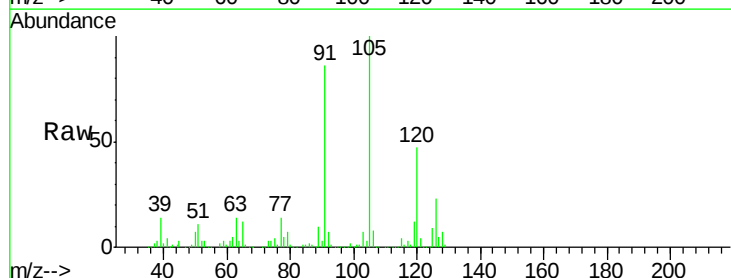
Acq: 29 Mar 2019 13:43

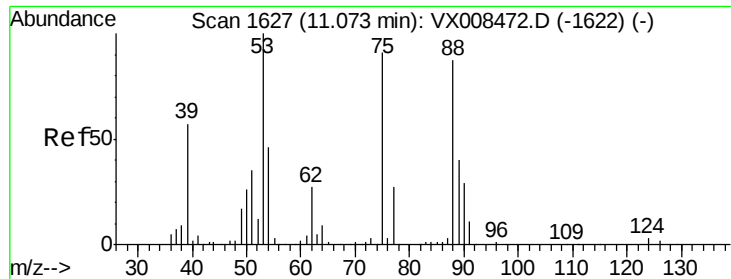
Tgt Ion: 105 Resp: 179857

Ion Ratio Lower Upper

105 100

120 47.5 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.894 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampled :

VX0329WBS01

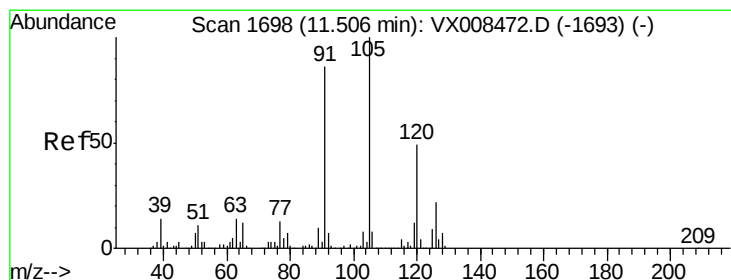
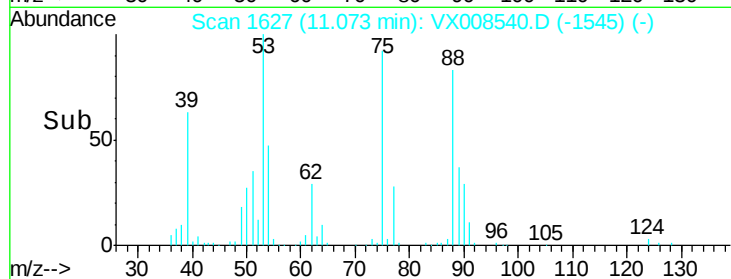
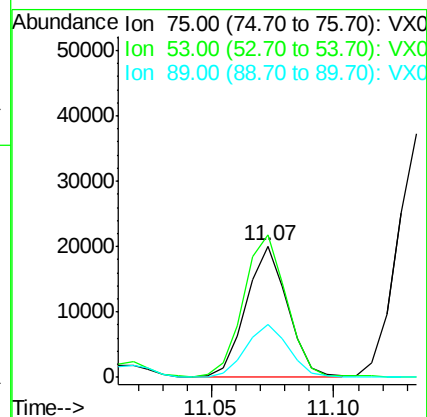
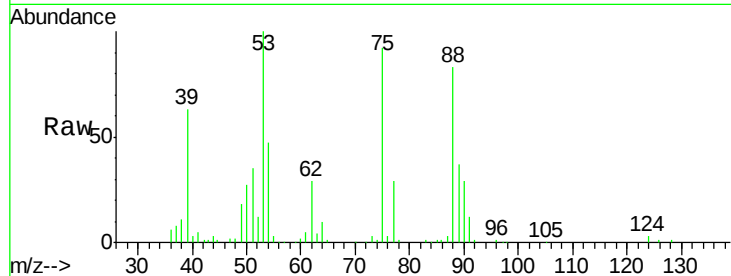
Tgt Ion: 75 Resp: 23829

Ion Ratio Lower Upper

75 100

53 108.6 55.5 166.7

89 40.5 24.4 73.2



#78

4-Chlorotoluene

Concen: 18.907 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008540.D

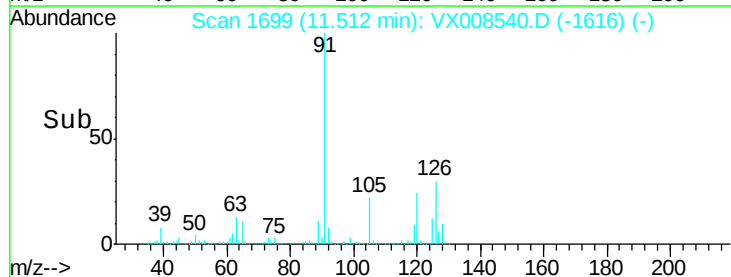
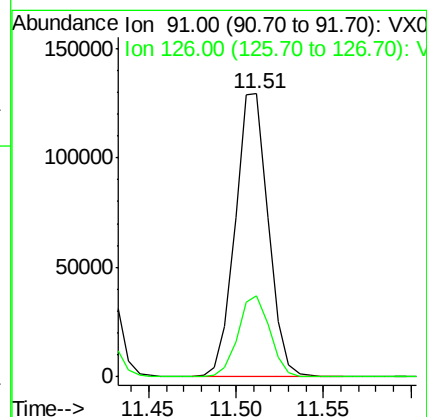
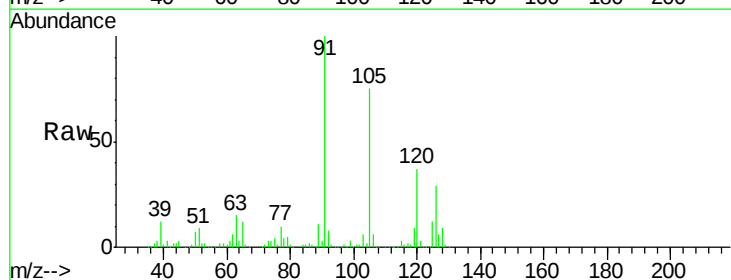
Acq: 29 Mar 2019 13:43

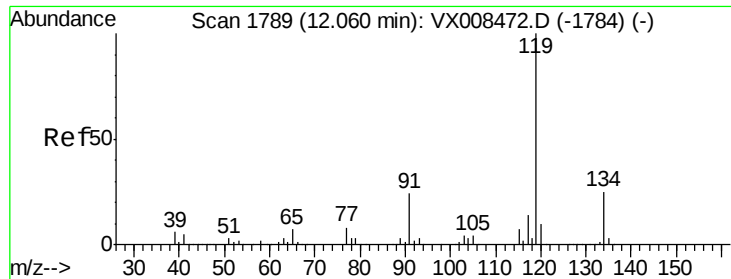
Tgt Ion: 91 Resp: 169564

Ion Ratio Lower Upper

91 100

126 27.6 0.0 66.2

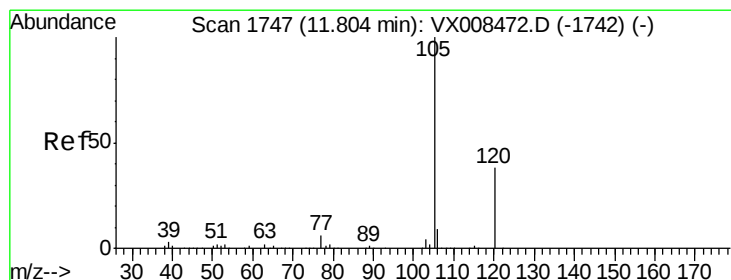
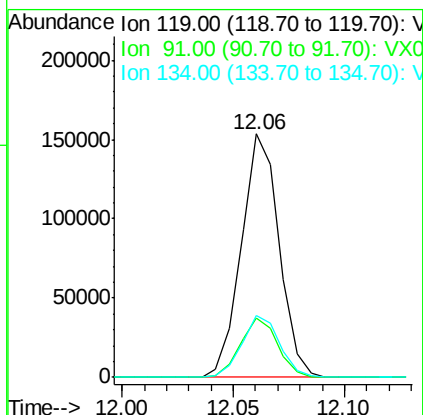
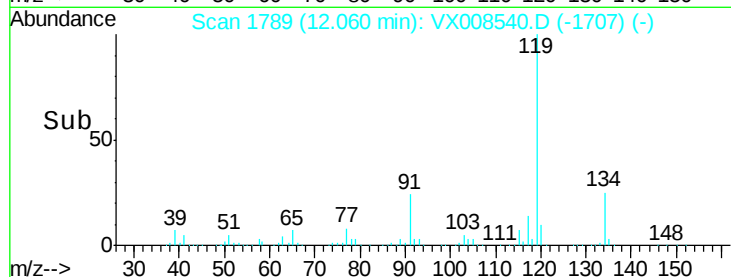
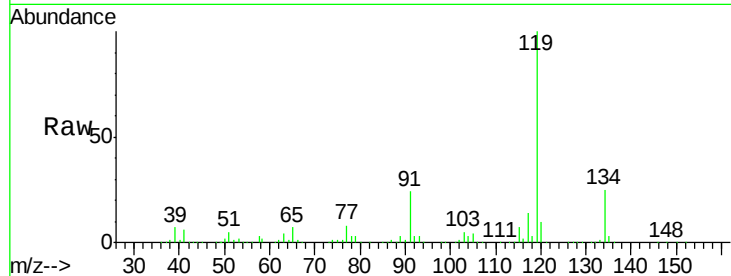




#79
tert-butylbenzene
Concen: 18.917 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

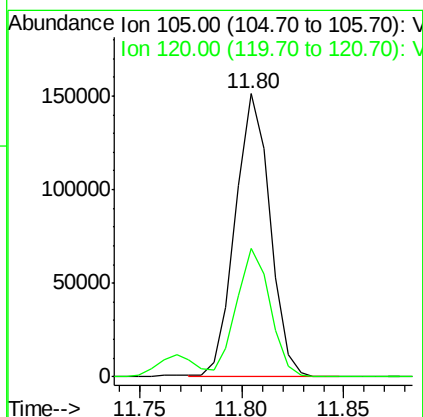
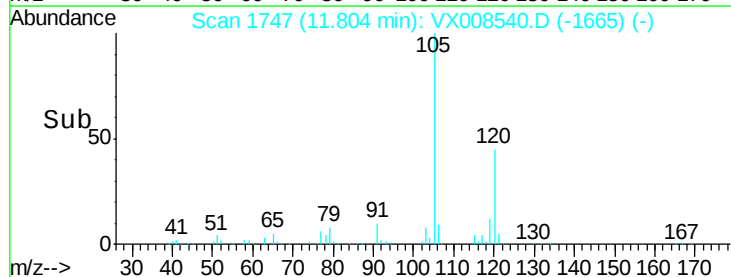
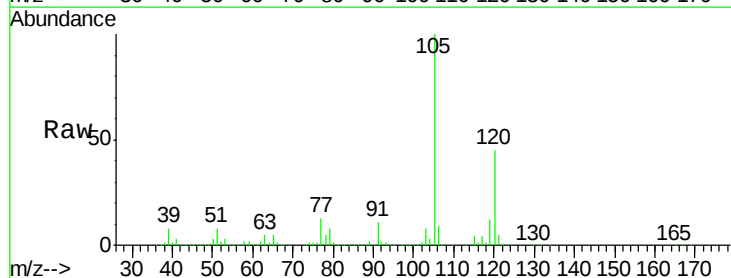
Instrument :
MSVOA_X
ClientSampled :
VX0329WBS01

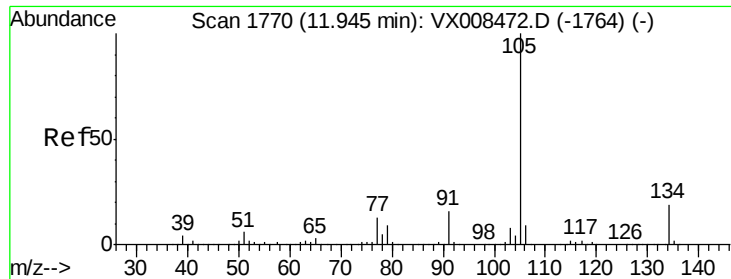
Tgt Ion:119 Resp: 181709
Ion Ratio Lower Upper
119 100
91 24.2 0.0 45.0
134 25.4 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.073 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion:105 Resp: 178757
Ion Ratio Lower Upper
105 100
120 43.9 0.0 94.0

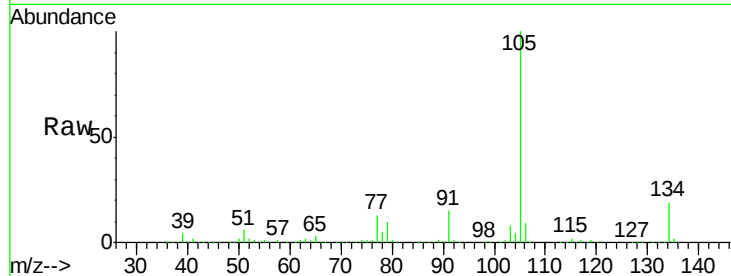




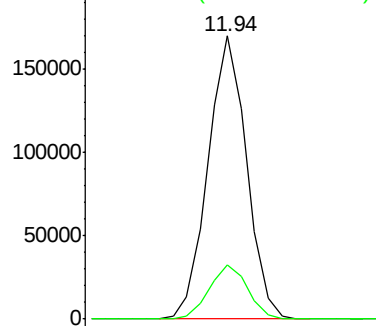
#81
 sec-Butylbenzene
 Concen: 19.100 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

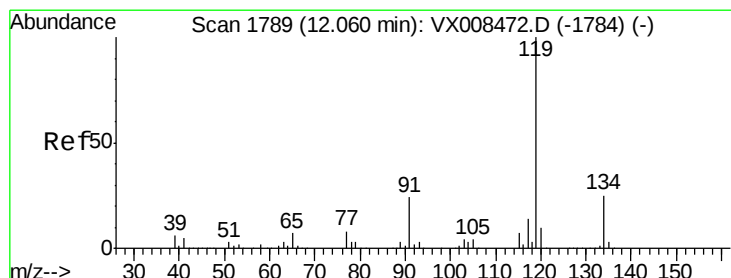
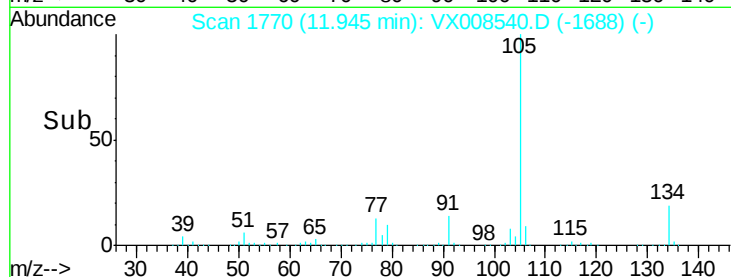
Tgt Ion:105 Resp: 205128
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

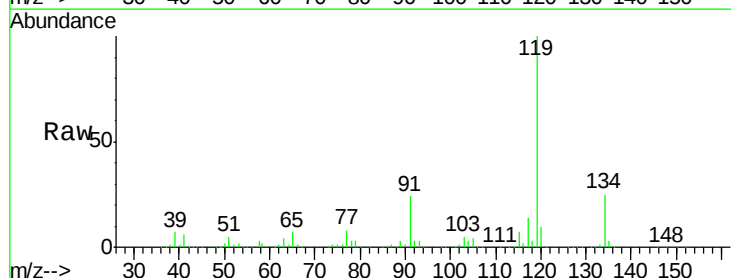


Time-->

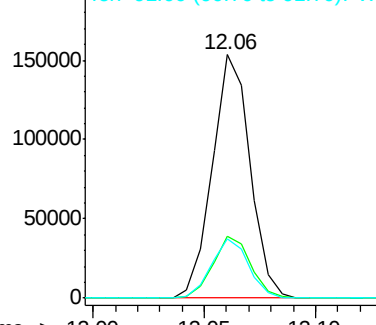


#82
 p-Isopropyltoluene
 Concen: 18.917 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

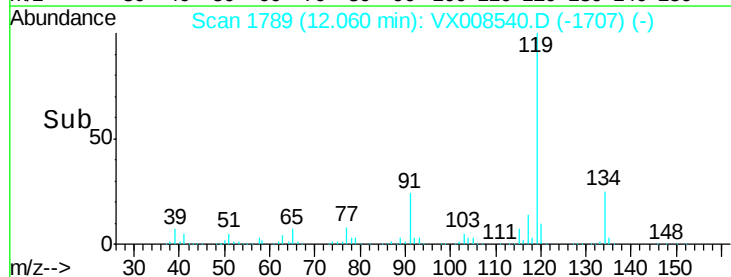
Tgt Ion:119 Resp: 181709
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 55.4
 91 24.2 0.0 45.0

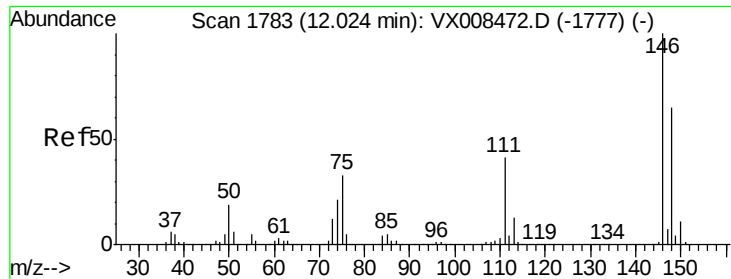


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

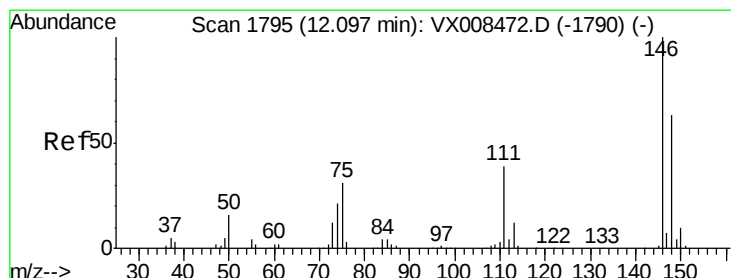
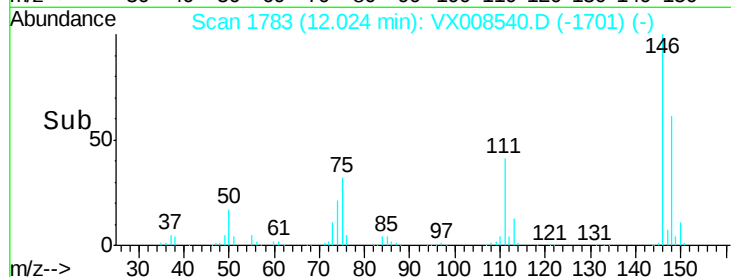
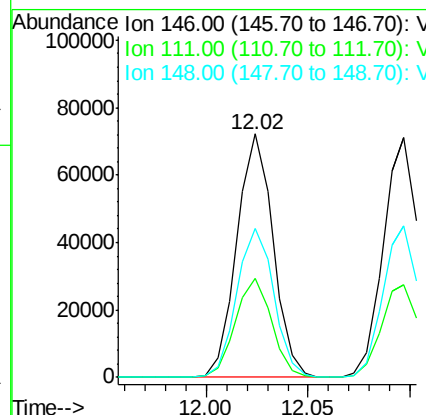
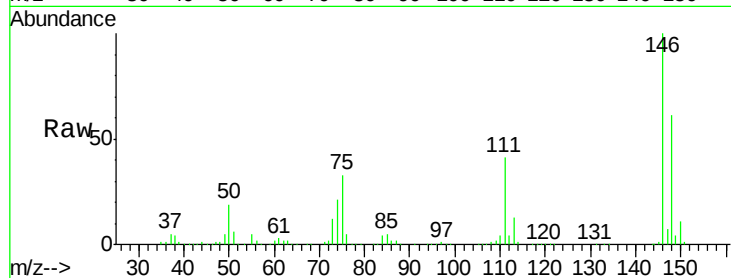




#83
 1,3-Dichlorobenzene
 Concen: 19.077 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

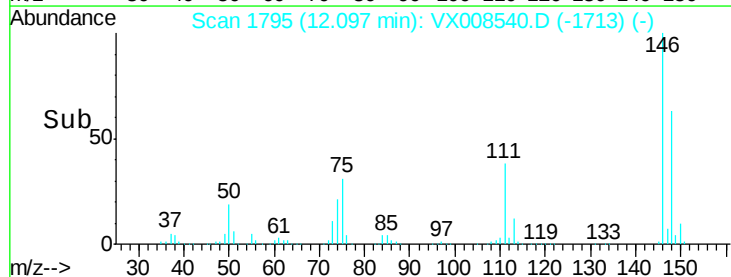
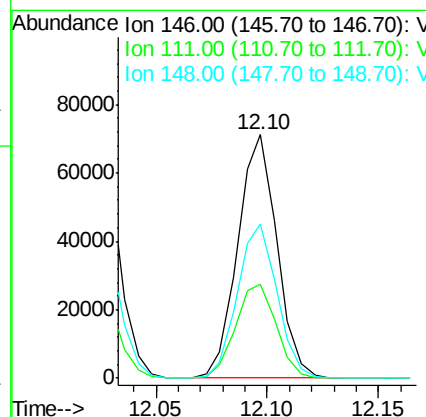
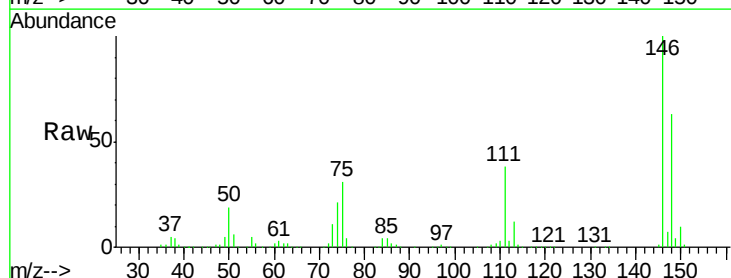
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

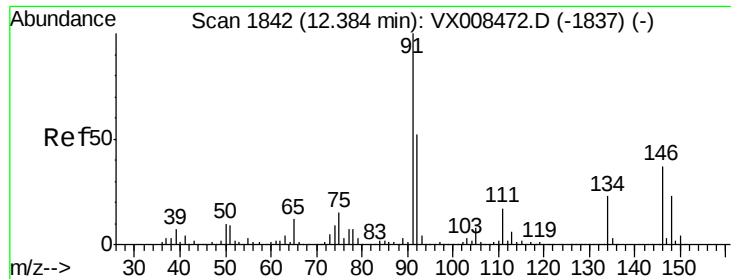
Tgt Ion:146 Resp: 88587
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.8 56.3
 148 62.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 18.794 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion:146 Resp: 87213
 Ion Ratio Lower Upper
 146 100
 111 40.3 17.6 52.8
 148 64.1 31.4 94.2





#85

n-Butylbenzene

Concen: 18.055 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008540.D

Acq: 29 Mar 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBS01

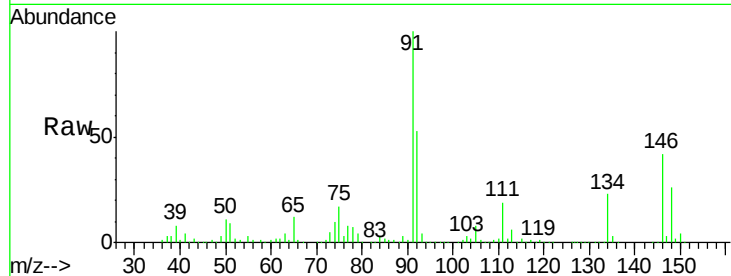
Tgt Ion: 91 Resp: 164785

Ion Ratio Lower Upper

91 100

92 53.4 0.0 105.2

134 24.0 0.0 56.4

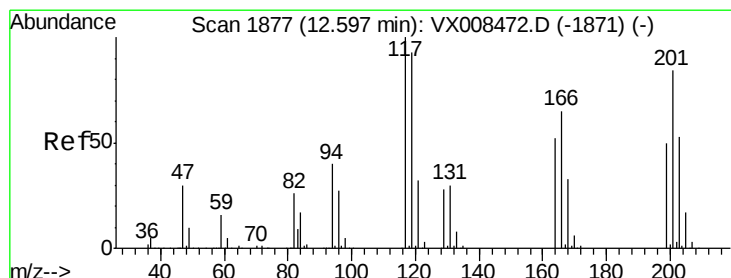
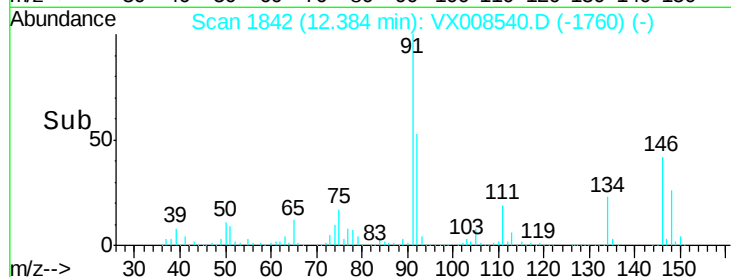


Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX008472.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX008472.D (-1837) (-)

Time-->



#86

Hexachloroethane

Concen: 18.105 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX008540.D

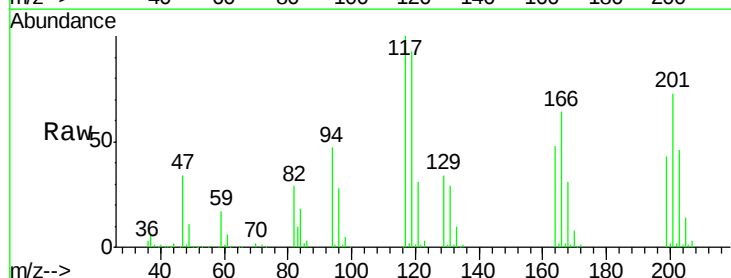
Acq: 29 Mar 2019 13:43

Tgt Ion: 117 Resp: 29057

Ion Ratio Lower Upper

117 100

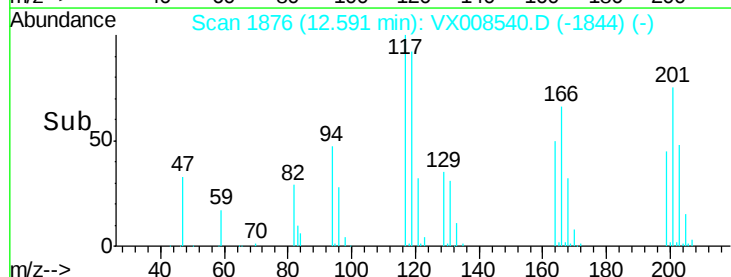
201 80.9 41.1 123.3

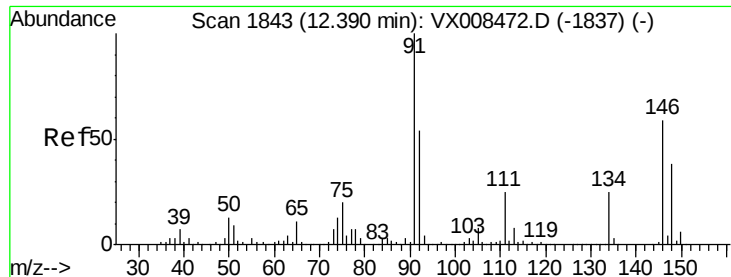


Abundance Ion 117.00 (116.70 to 117.70): VX008472.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX008472.D (-1871) (-)

Time-->

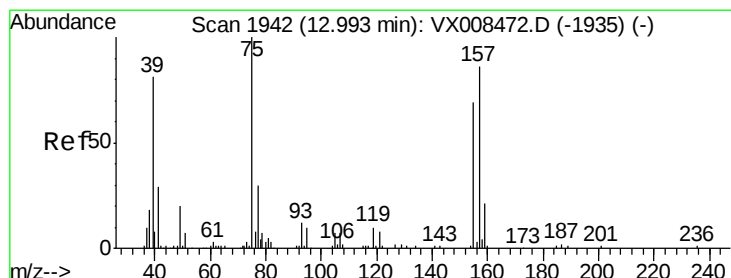
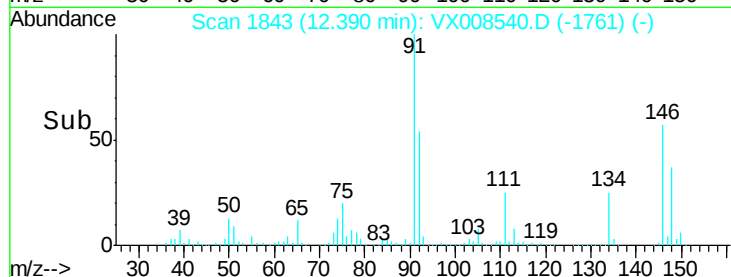
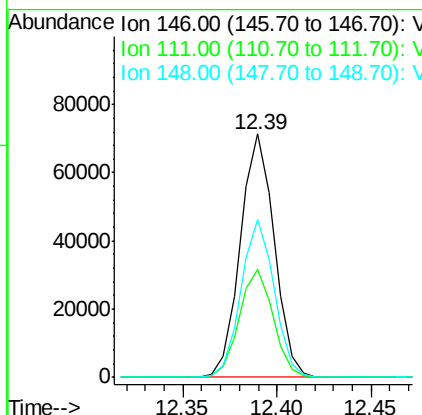
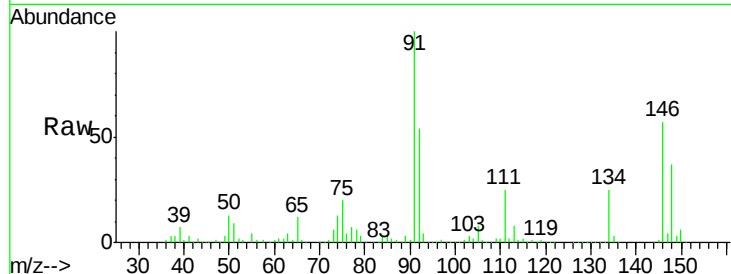




#87
 1,2-Dichlorobenzene
 Concen: 19.085 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

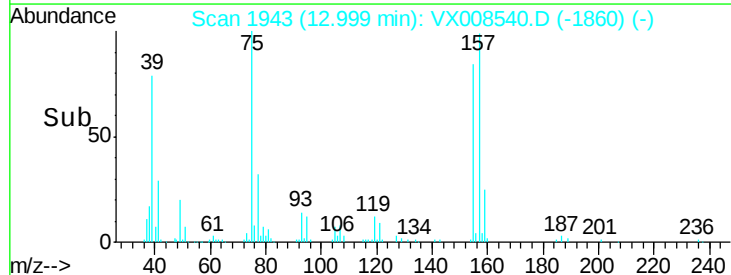
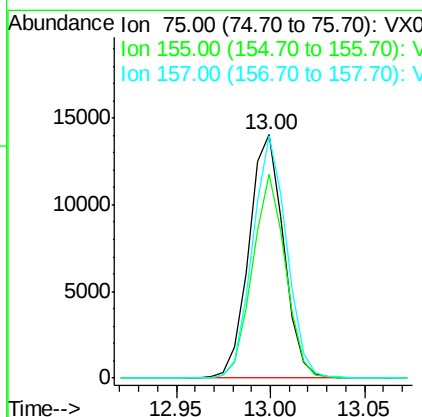
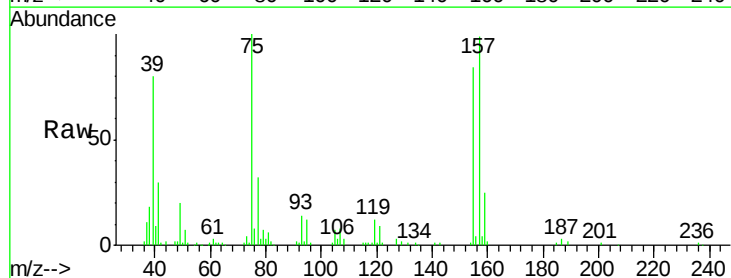
Instrument :
 MSVOA_X
 ClientSampled :
 VX0329WBS01

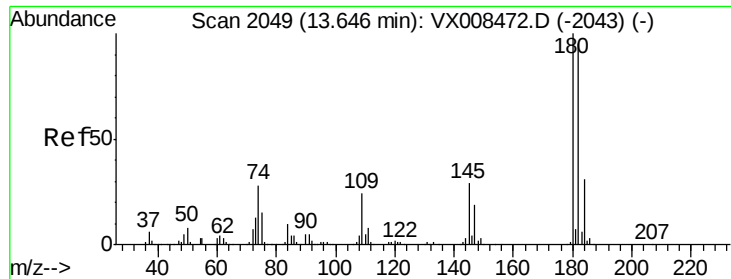
Tgt Ion: 146 Resp: 89298
 Ion Ratio Lower Upper
 146 100
 111 44.2 19.3 57.8
 148 63.4 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.625 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion: 75 Resp: 17865
 Ion Ratio Lower Upper
 75 100
 155 80.0 81.0 121.6#
 157 97.8 103.2 154.8#

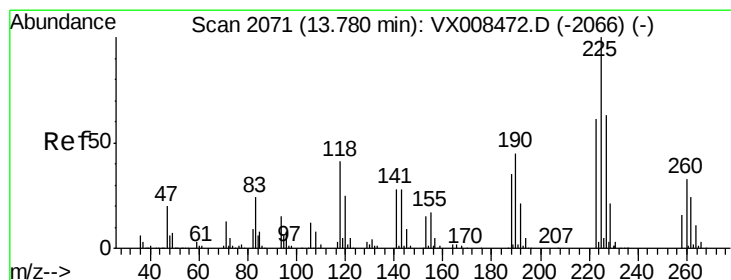
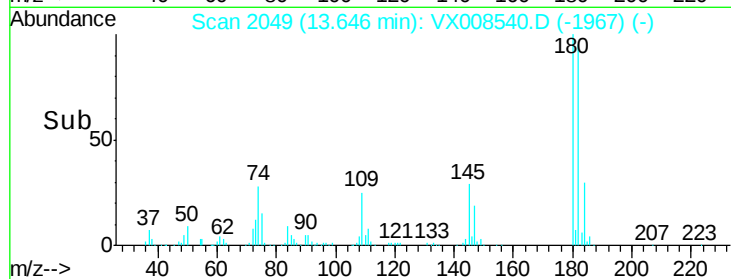
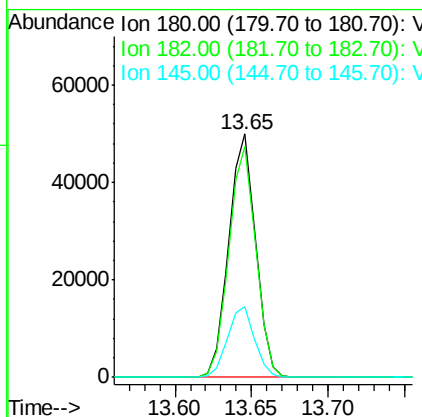
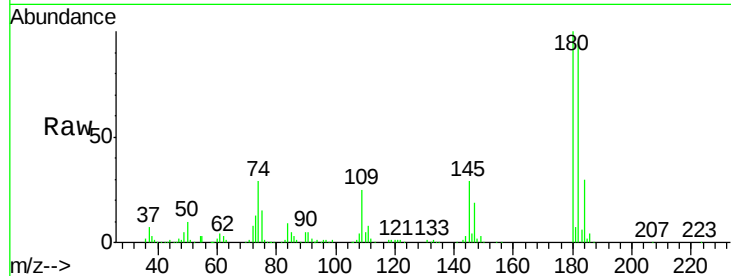




#89
 1,2,4-Trichlorobenzene
 Concen: 18.860 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

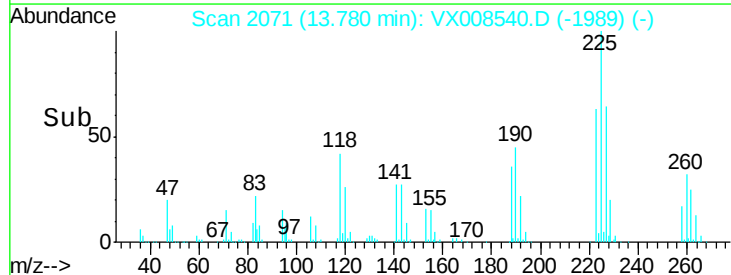
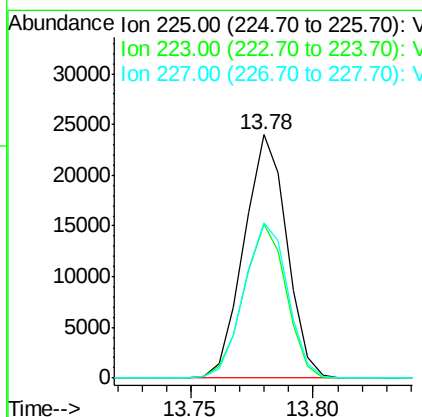
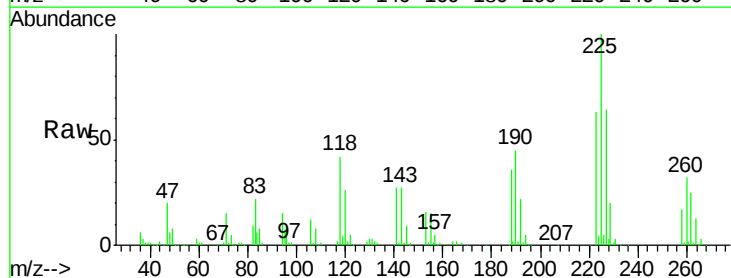
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

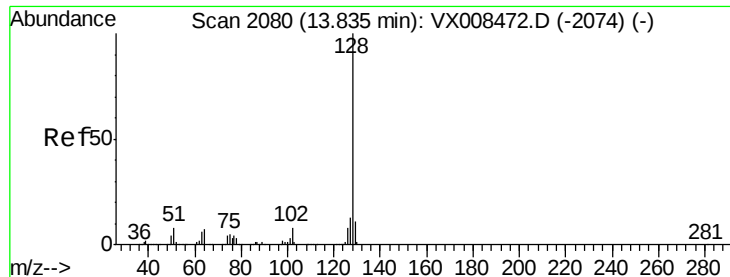
Tgt Ion:180 Resp: 60873
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.6 113.4
 145 29.5 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.871 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008540.D
 Acq: 29 Mar 2019 13:43

Tgt Ion:225 Resp: 29343
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 123.8
 227 65.2 0.0 124.4

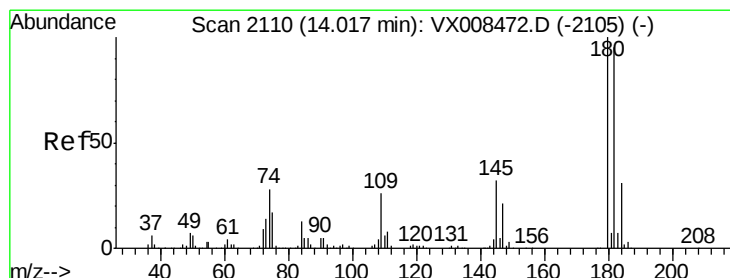
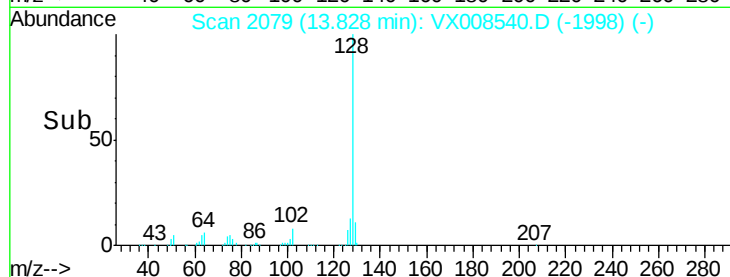
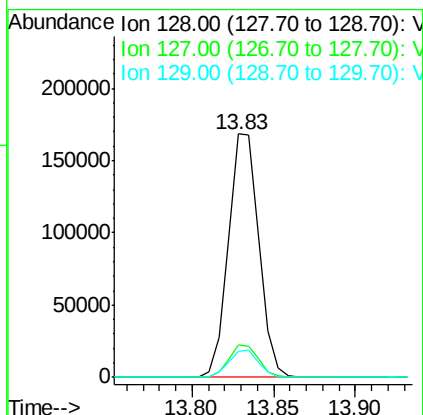
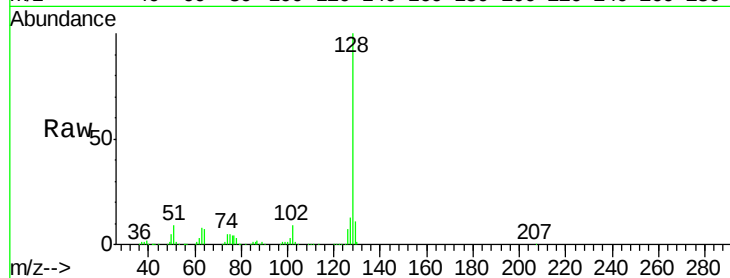




#91
Naphthalene
Concen: 19.753 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBS01

Tgt Ion:128 Resp: 218426
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.282 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008540.D
Acq: 29 Mar 2019 13:43

Tgt Ion:180 Resp: 62691
Ion Ratio Lower Upper
180 100
182 95.8 0.0 193.0
145 32.0 0.0 63.0

