

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
 Data File : VX008764.D
 Acq On : 09 Apr 2019 11:52
 Operator : JC/SP
 Sample : VX0409WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Quant Time: Apr 09 12:12:24 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	5.02	128	37214	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	218989	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	187578	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	94174	30.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.83%
60) 4-Bromofluorobenzene	11.13	95	94469	28.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.37%
63) Toluene-d8	8.71	98	273214	30.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.27%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	46310	18.199	ug/l 100
3) Chloromethane	1.32	50	58491	17.544	ug/l 97
4) Vinyl Chloride	1.41	62	61087	18.177	ug/l 98
5) Bromomethane	1.64	94	31919	18.331	ug/l 99
6) Chloroethane	1.71	64	37137	16.884	ug/l 98
7) Trichlorofluoromethane	1.92	101	74780	20.048	ug/l 98
8) Diethyl Ether	2.19	74	34440	19.578	ug/l 80
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48191	20.746	ug/l 93
10) 1,1-Dichloroethene	2.37	96	48916	20.757	ug/l 83
11) Methyl Iodide	2.51	142	44273	18.143	ug/l 96
12) Methyl Acetate	3.20	43	40483	21.195	ug/l 95
13) Acrolein	2.29	56	64859	118.367	ug/l 97
14) Acrylonitrile	3.14	53	195492	110.705	ug/l 99
15) Acetone	2.45	58	57288	105.202	ug/l 93
16) Carbon Disulfide	2.57	76	133868	18.261	ug/l 99
17) Allyl chloride	2.73	41	113060	21.347	ug/l 88
18) Methylene Chloride	2.85	84	56305	19.987	ug/l 87
19) trans-1,2-Dichloroethene	3.17	96	51452	20.436	ug/l 87
20) Diisopropyl ether	3.86	45	224755	21.803	ug/l # 94
21) 1,1-Dichloroethane	3.70	63	109958	21.250	ug/l 97
22) cis-1,2-Dichloroethene	4.60	96	60925	20.940	ug/l # 80
23) tert-Butyl Alcohol	3.06	59	74513	104.496	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	184041	21.250	ug/l 99
25) Chloroform	5.21	83	99652	21.261	ug/l 96
26) Cyclohexane	5.58	56	104815	20.850	ug/l # 80
29) 1,1-Dichloropropene	5.80	75	76013	20.632	ug/l 93
30) 2-Butanone	4.68	43	299071	110.393	ug/l 93
31) 2,2-Dichloropropane	4.58	77	80679	21.926	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	80225	20.969	ug/l 95
33) Carbon Tetrachloride	5.78	117	65783	20.551	ug/l 99
34) Benzene	6.14	78	233997	20.778	ug/l # 95
35) Methacrylonitrile	5.04	41	61949	22.486	ug/l 92
36) 1,2-Dichloroethane	6.19	62	83892	20.894	ug/l 97
37) Trichloroethene	7.21	130	54754	21.141	ug/l 85
38) Methylcyclohexane	7.46	83	93394	20.118	ug/l 88
39) 1,2-Dichloropropane	7.51	63	65374	20.466	ug/l 99
40) Dibromomethane	7.66	93	37851	20.456	ug/l 91

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Quant Time: Apr 09 12:12:24 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)

41) Bromodichloromethane	7.90	83	74485	20.473	ug/l	99
42) Vinyl Acetate	3.81	43	1000767	108.971	ug/l #	93
43) Ethyl Acetate	4.84	43	110345	22.630	ug/l #	81
44) Isopropyl Acetate	6.45	43	170708	21.651	ug/l	98
45) 1,4-Dioxane	7.74	88	29903	380.982	ug/l #	82
46) Methyl methacrylate	7.77	41	85953	21.465	ug/l	83
47) n-amyl Acetate	10.90	43	140218	19.578	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	85144	20.719	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	96075	20.902	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	56192	20.452	ug/l	98
51) Ethyl methacrylate	9.18	69	102266	20.002	ug/l	89
52) 1,3-Dichloropropane	9.37	76	101834	20.833	ug/l	99
53) Dibromochloromethane	9.58	129	54333	20.096	ug/l	100
54) 1,2-Dibromoethane	9.67	107	58361	20.606	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	296354	114.894	ug/l	95
56) Bromoform	10.86	173	38870	19.727	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	552402	111.627	ug/l #	95
59) 2-Hexanone	9.49	43	425295	108.781	ug/l	96
61) Tetrachloroethene	9.34	164	47716	23.256	ug/l	97
62) Toluene	8.79	91	238297	20.983	ug/l	100
64) Chlorobenzene	10.14	112	136915	20.574	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	50735	21.624	ug/l	98
66) Ethyl Benzene	10.25	91	255866	20.297	ug/l	96
67) m/p-Xylenes	10.36	106	184738	40.179	ug/l	92
68) o-Xylene	10.69	106	89896	19.980	ug/l	92
69) Styrene	10.71	104	156726	20.018	ug/l	96
70) Isopropylbenzene	11.02	105	241574	20.354	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	90447	20.399	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	107620	28.716	ug/l	90
73) Bromobenzene	11.26	156	56648	20.061	ug/l	79
74) n-propylbenzene	11.36	91	282152	19.955	ug/l	94
75) 2-Chlorotoluene	11.42	91	167226	19.879	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	204978	20.201	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	30227	21.026	ug/l	91
78) 4-Chlorotoluene	11.51	91	187999	19.419	ug/l	91
79) tert-butylbenzene	12.06	119	206983	19.960	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	202443	20.009	ug/l	96
81) sec-Butylbenzene	11.94	105	231496	19.968	ug/l	96
82) p-Isopropyltoluene	12.06	119	206983	19.960	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	99299	19.808	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	98884	19.739	ug/l	97
85) n-Butylbenzene	12.39	91	192519	19.540	ug/l	97
86) Hexachloroethane	12.60	117	33987	19.616	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	98294	19.460	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	19871	20.220	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.65	180	68934	19.784	ug/l	99
90) Hexachlorobutadiene	13.78	225	34964	20.830	ug/l	99
91) Naphthalene	13.83	128	235389	19.718	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	70634	20.125	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

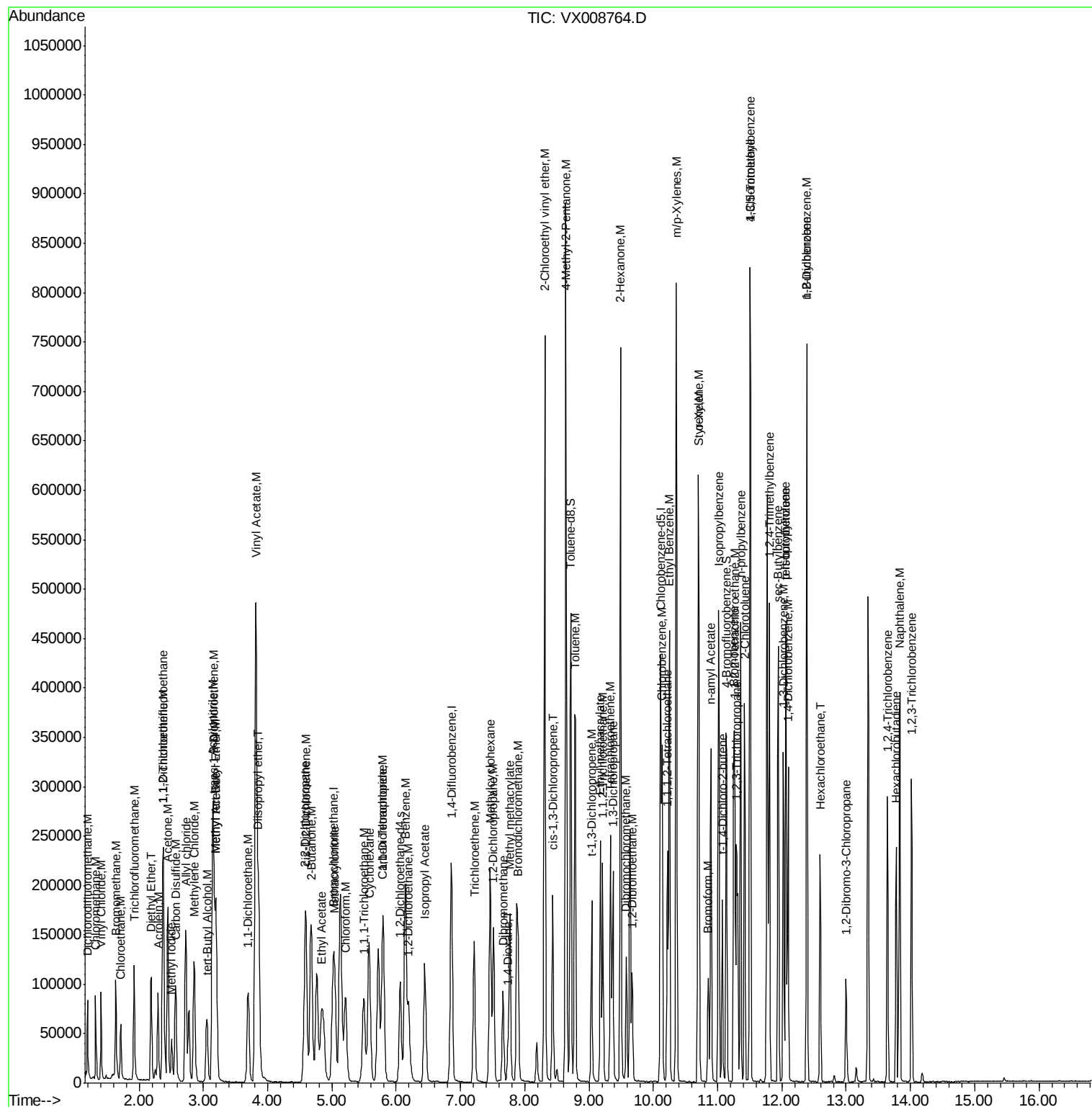
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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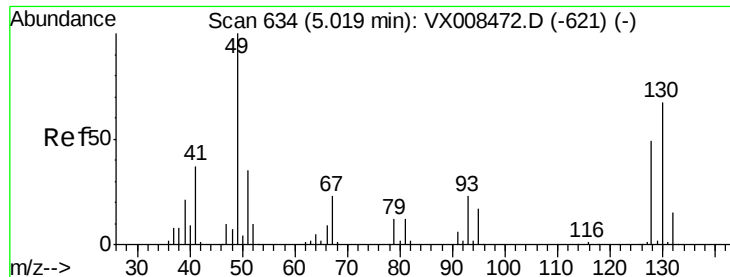
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/SP
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VX0409WBSD01

Quant Time: Apr 09 12:12:24 2019
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

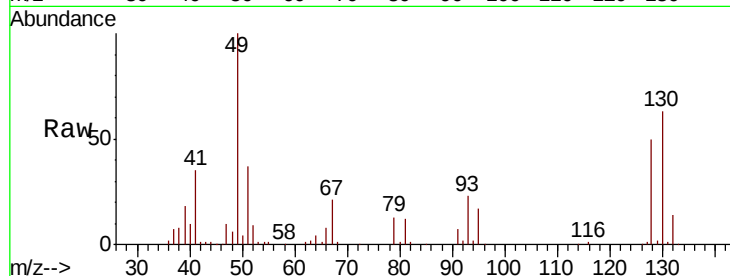
Tgt Ion:128 Resp: 37214

Ion Ratio Lower Upper

128 100

49 208.5 0.0 350.8

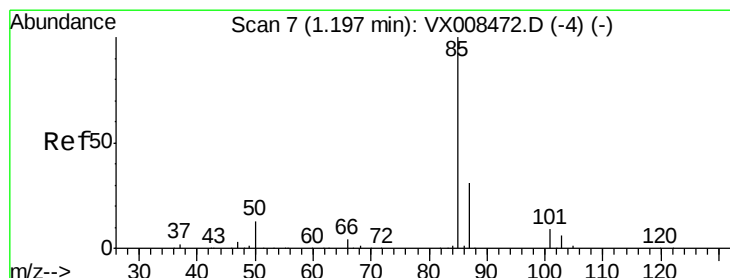
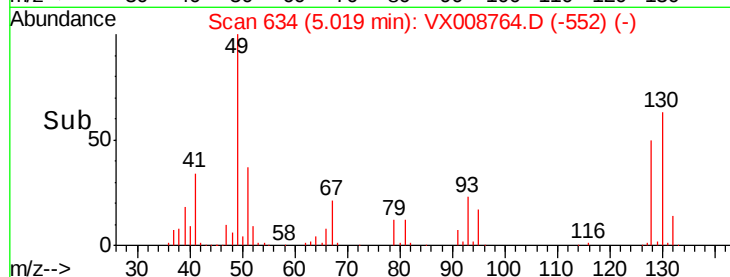
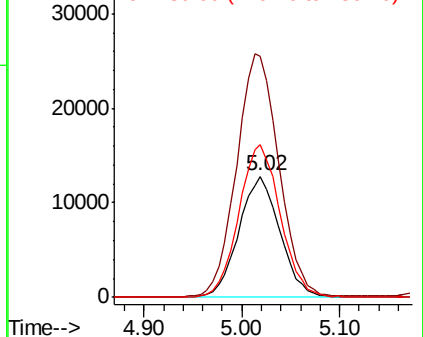
130 127.6 0.0 325.8



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: 18.199 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008764.D

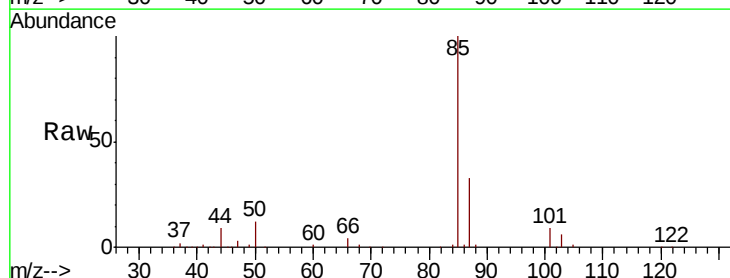
Acq: 09 Apr 2019 11:52

Tgt Ion: 85 Resp: 46310

Ion Ratio Lower Upper

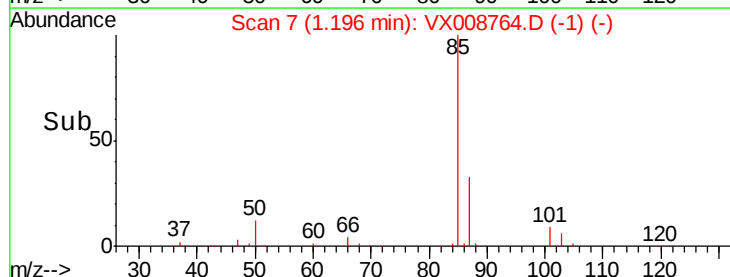
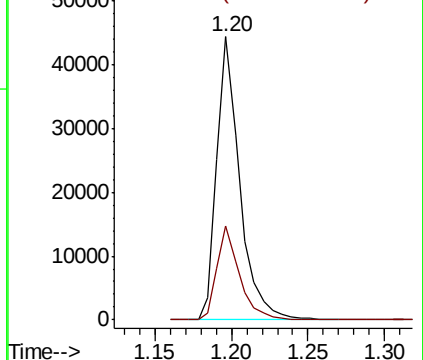
85 100

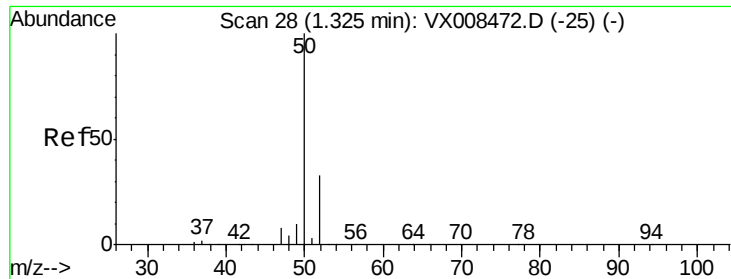
87 33.4 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.544 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

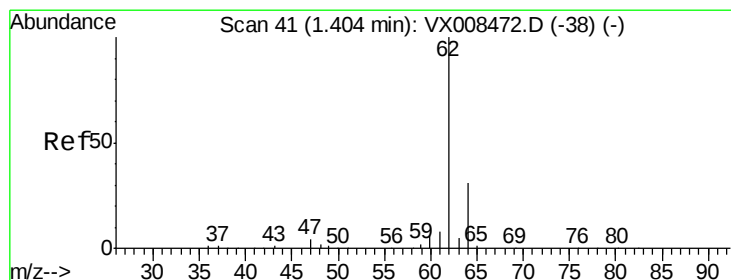
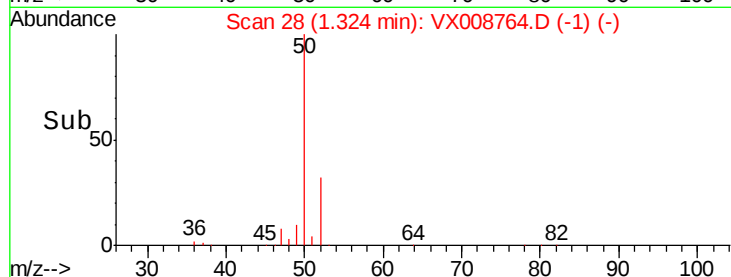
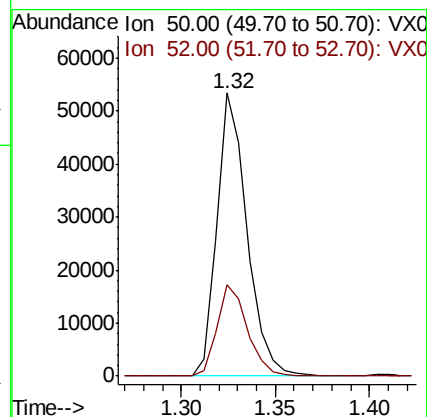
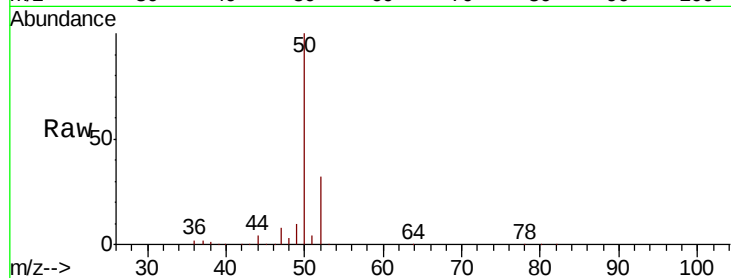
VX0409WBSD01

Tgt Ion: 50 Resp: 58491

Ion Ratio Lower Upper

50 100

52 32.4 27.5 41.3



#4

Vinyl Chloride

Concen: 18.177 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008764.D

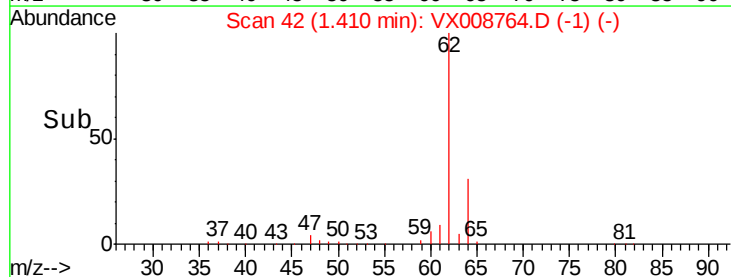
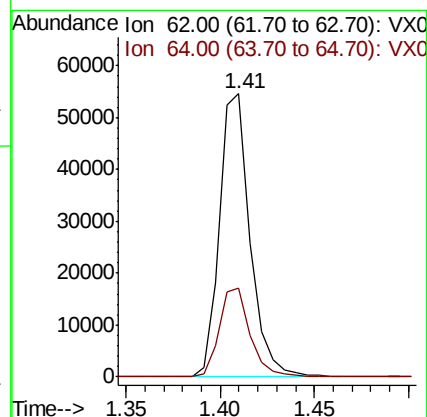
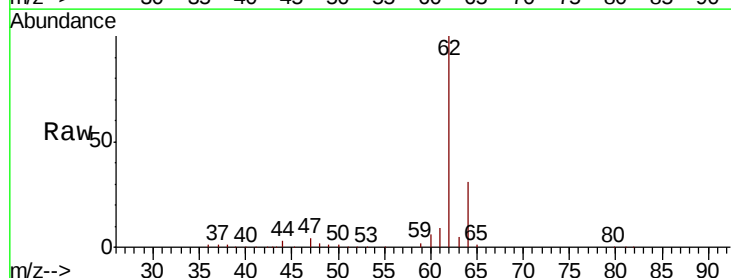
Acq: 09 Apr 2019 11:52

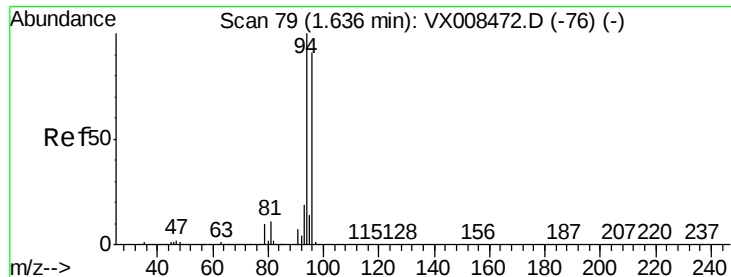
Tgt Ion: 62 Resp: 61087

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 18.331 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

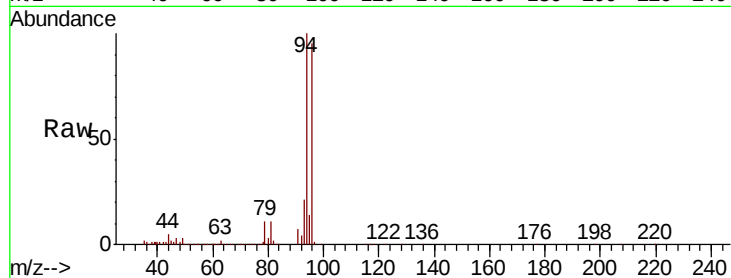
VX0409WBSD01

Tgt Ion: 94 Resp: 31919

Ion Ratio Lower Upper

94 100

96 95.5 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

40000

30000

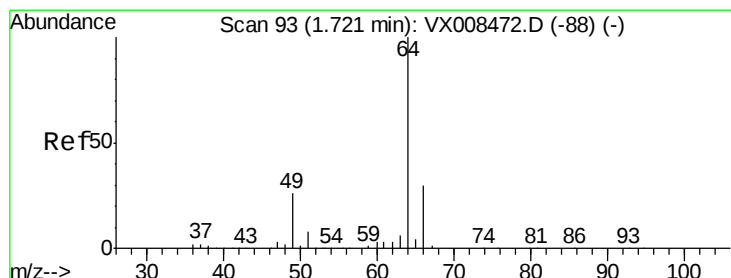
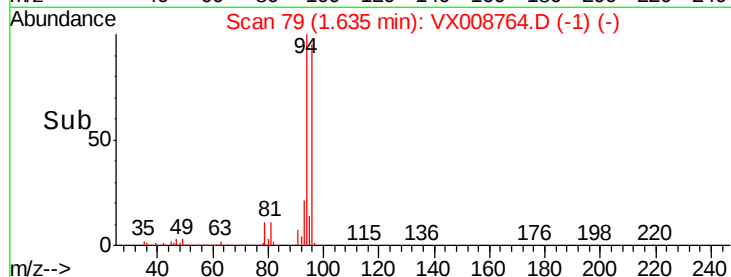
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 16.884 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008764.D

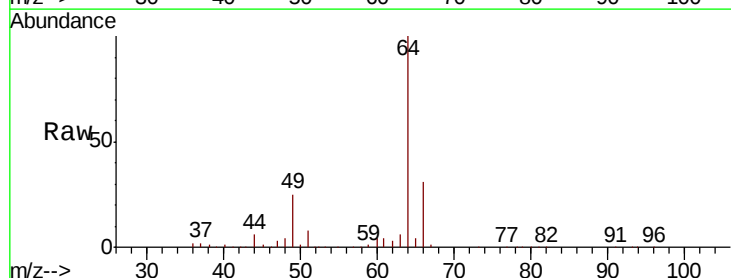
Acq: 09 Apr 2019 11:52

Tgt Ion: 64 Resp: 37137

Ion Ratio Lower Upper

64 100

66 30.7 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

30000

25000

20000

15000

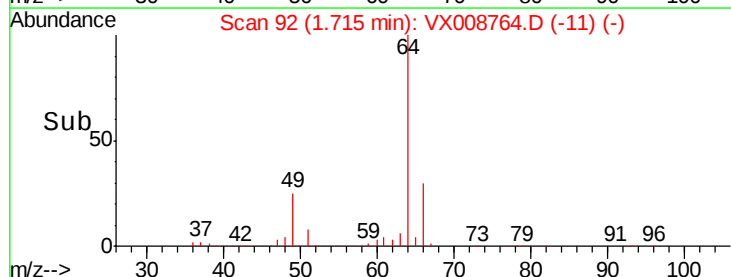
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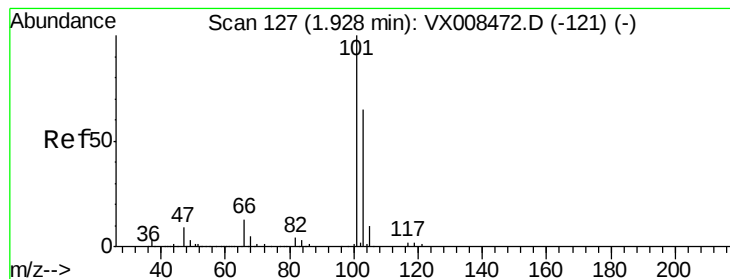
5000

0

Time-->

1.65 1.70 1.75 1.80



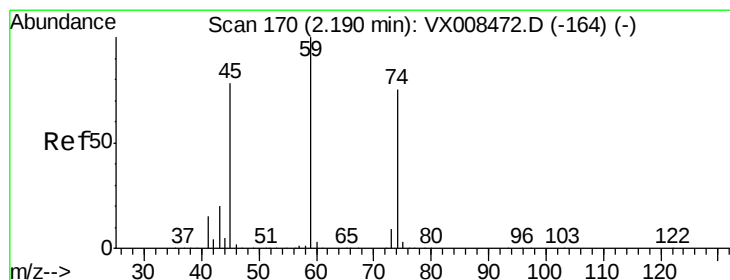
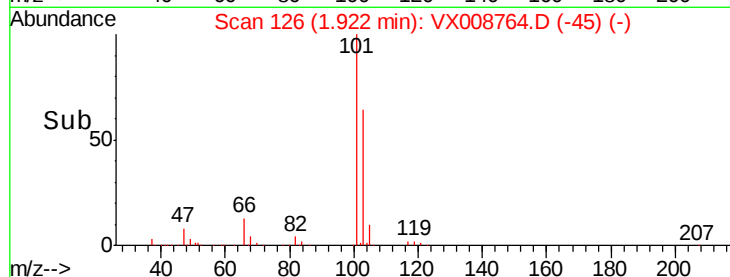
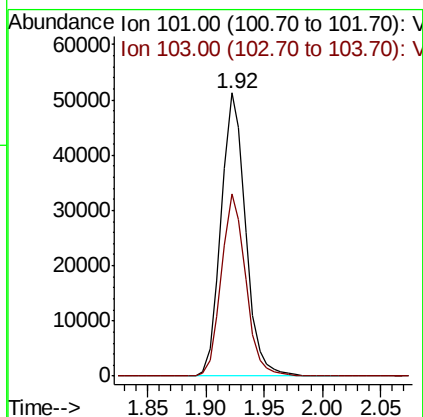
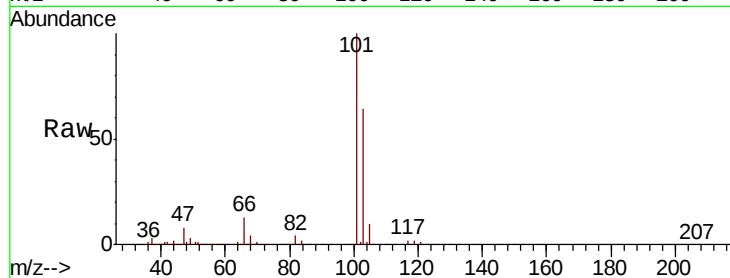


#7

Trichlorofluoromethane
 Concen: 20.048 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

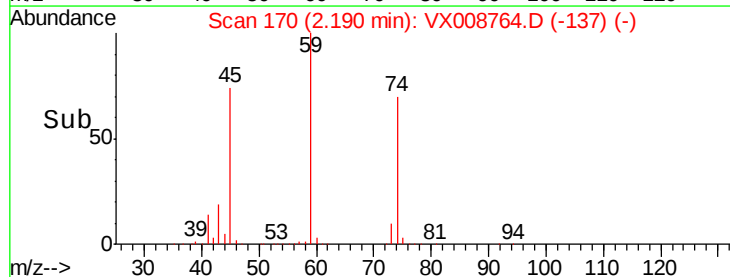
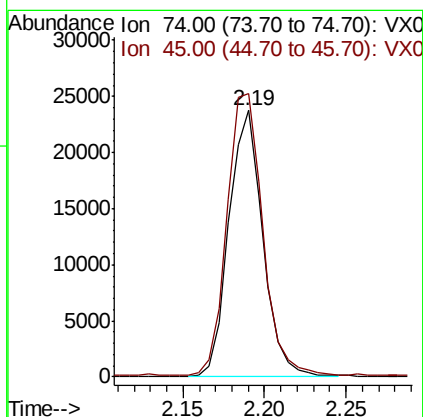
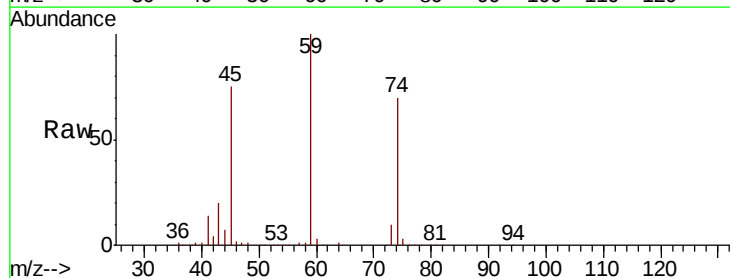
Tgt Ion:101 Resp: 74780
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.4 75.6

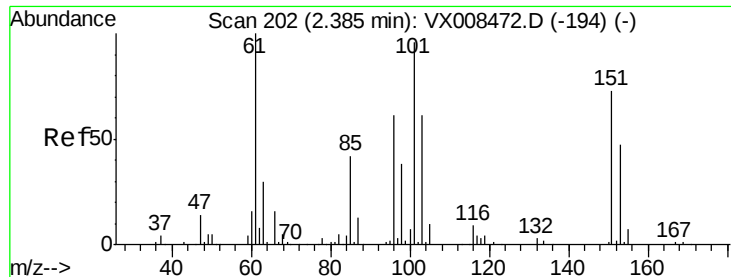


#8

Diethyl Ether
 Concen: 19.578 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 74 Resp: 34440
 Ion Ratio Lower Upper
 74 100
 45 112.0 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.746 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

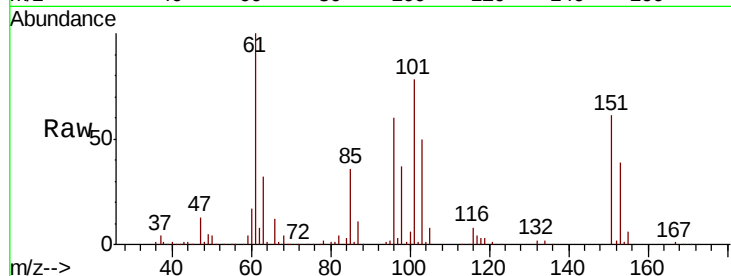
Tgt Ion: 101 Resp: 48191

Ion Ratio Lower Upper

101 100

85 45.1 0.0 86.8

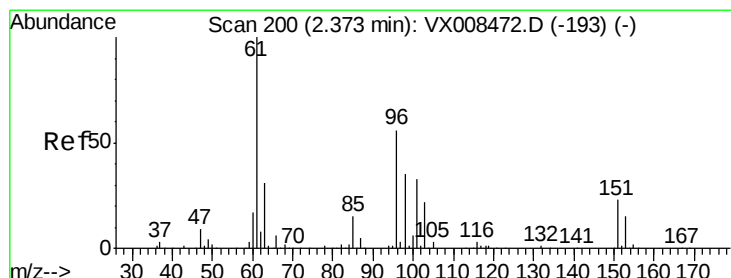
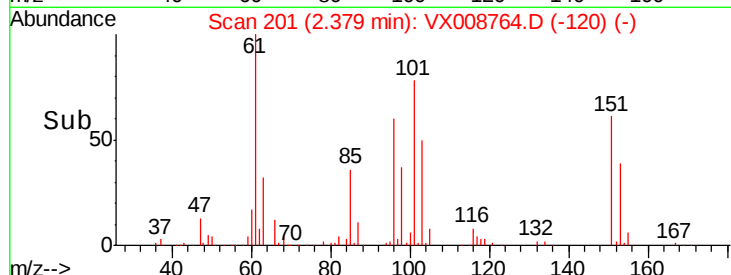
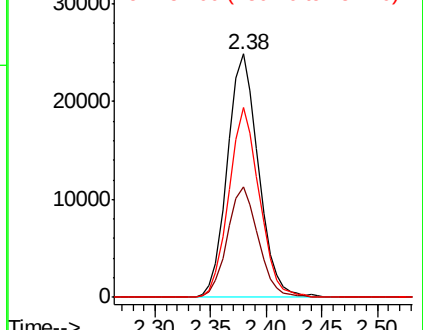
151 76.5 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.757 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

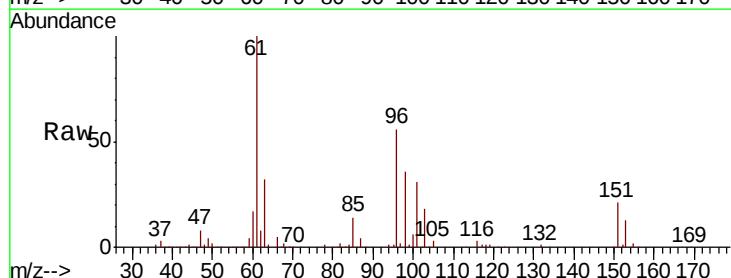
Tgt Ion: 96 Resp: 48916

Ion Ratio Lower Upper

96 100

61 178.5 120.2 180.2

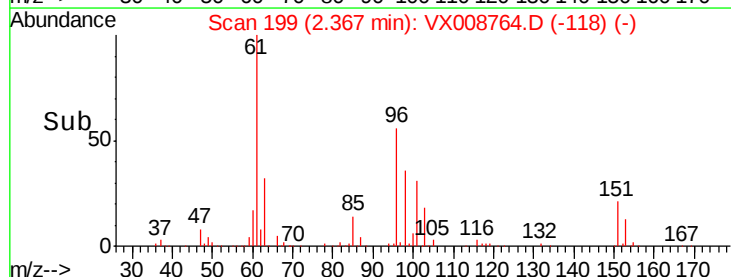
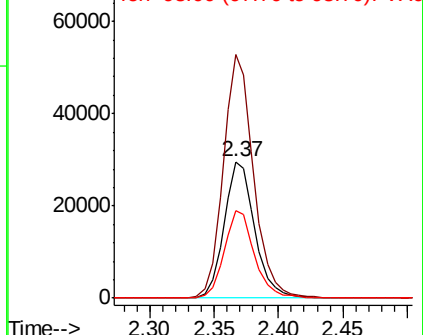
98 64.6 49.0 73.4

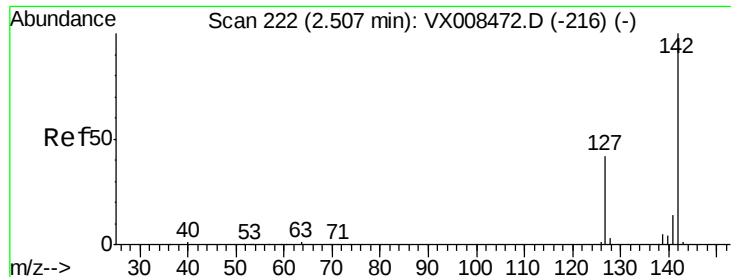


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

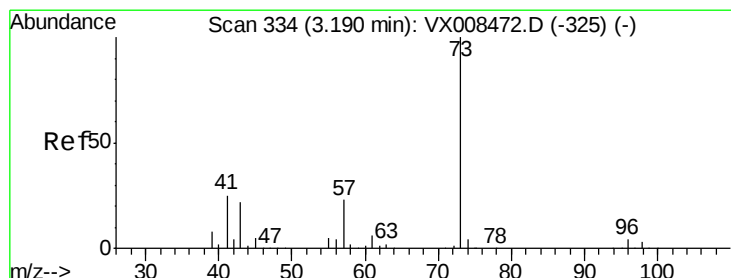
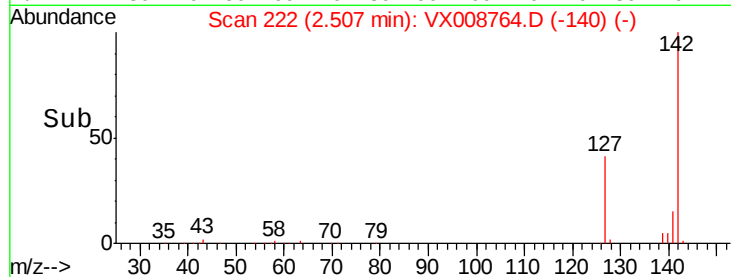
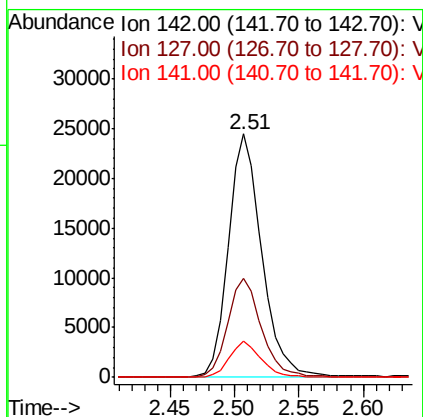
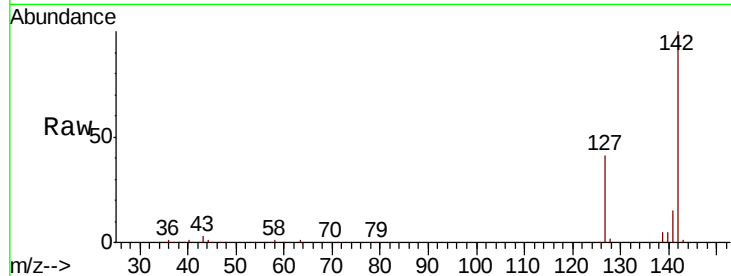




#11
Methyl Iodide
Concen: 18.143 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

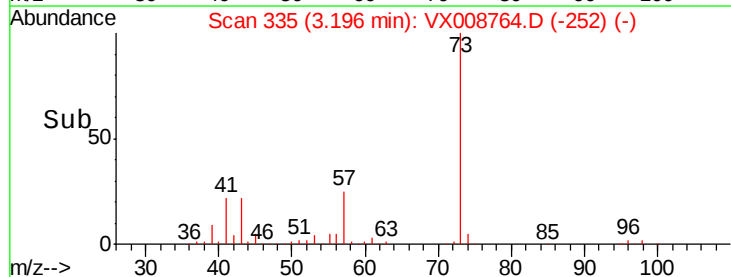
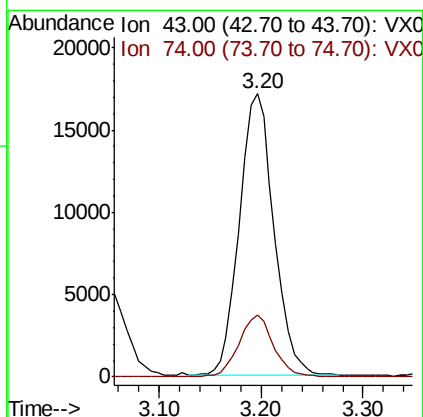
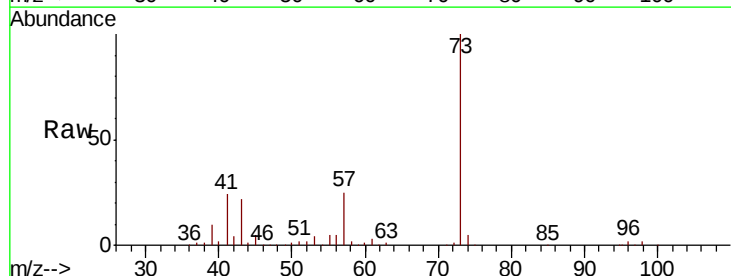
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

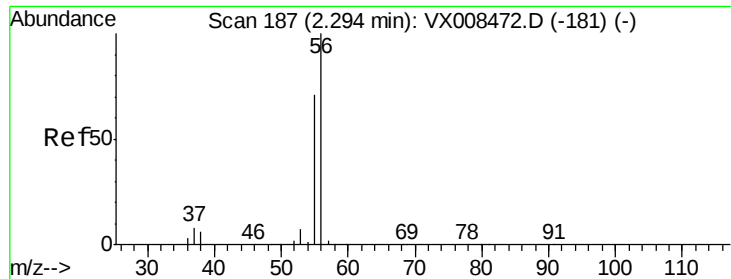
Tgt Ion: 142 Resp: 44273
Ion Ratio Lower Upper
142 100
127 40.8 22.1 66.5
141 15.1 7.4 22.3



#12
Methyl Acetate
Concen: 21.195 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 43 Resp: 40483
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.0

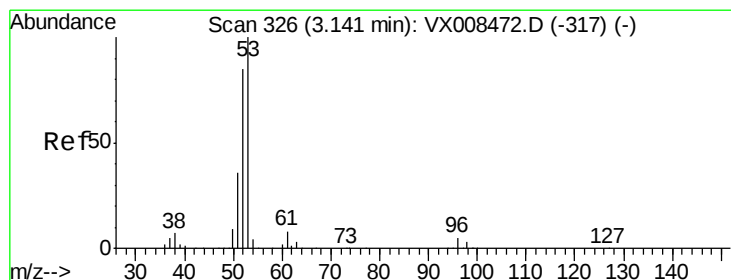
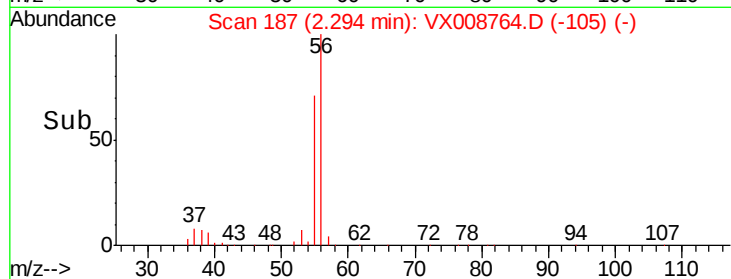
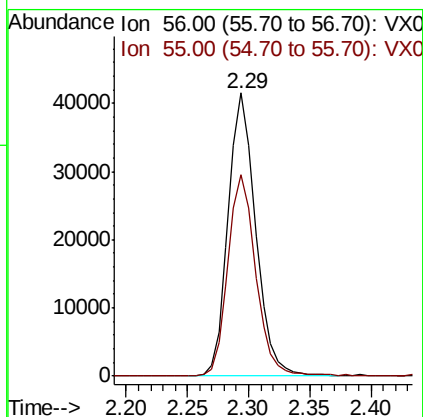
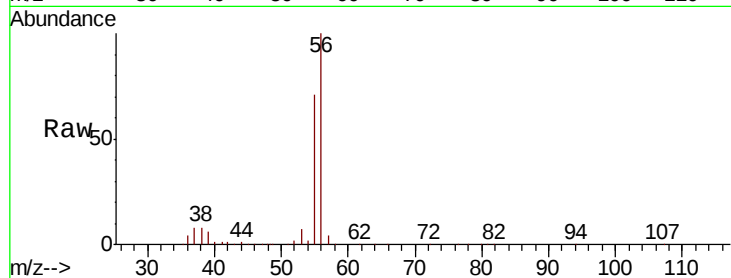




#13
Acrolein
Concen: 118.367 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

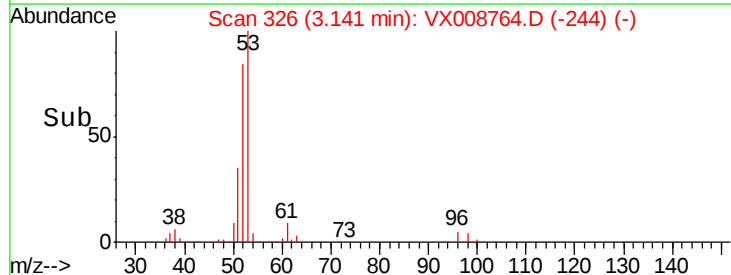
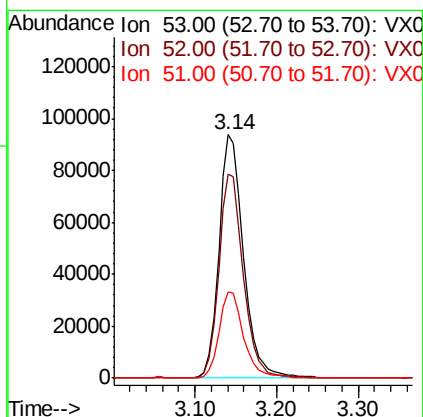
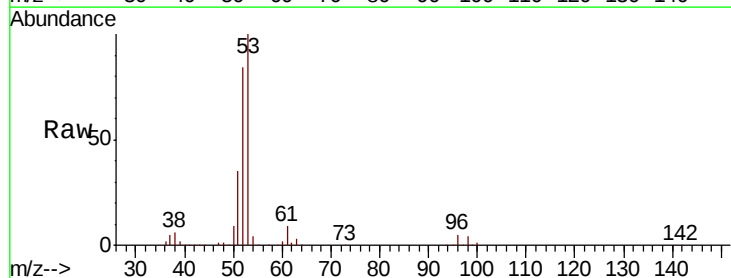
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

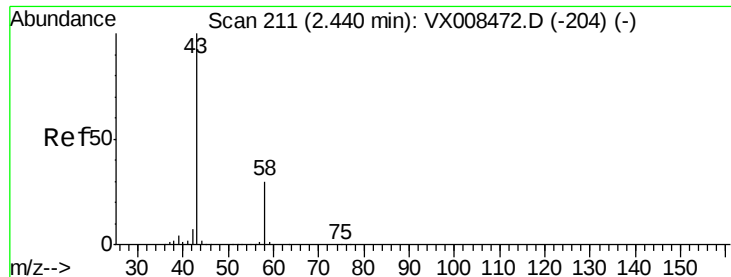
Tgt Ion: 56 Resp: 64859
Ion Ratio Lower Upper
56 100
55 71.1 58.6 87.8



#14
Acrylonitrile
Concen: 110.705 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 53 Resp: 195492
Ion Ratio Lower Upper
53 100
52 84.0 41.3 124.1
51 35.9 17.5 52.6





#15

Acetone

Concen: 105.202 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

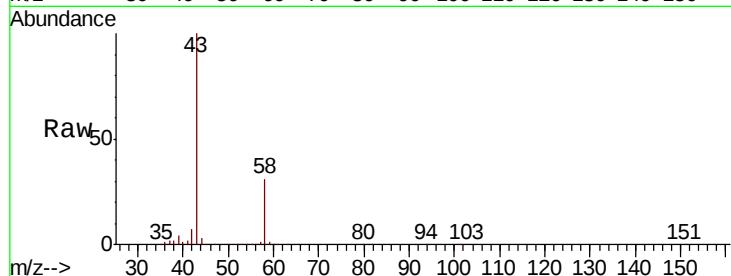
VX0409WBSD01

Tgt Ion: 58 Resp: 57288

Ion Ratio Lower Upper

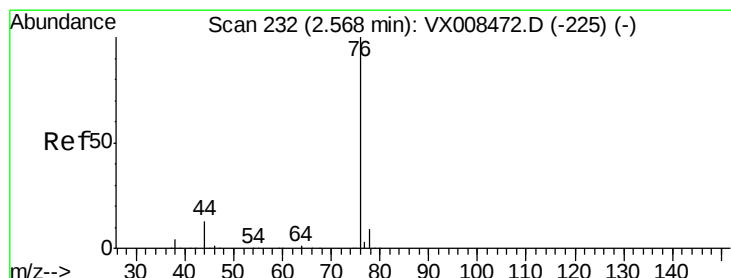
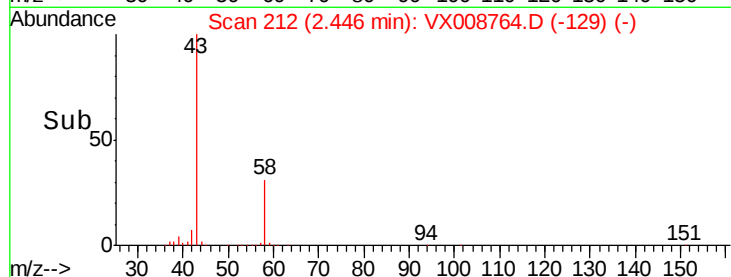
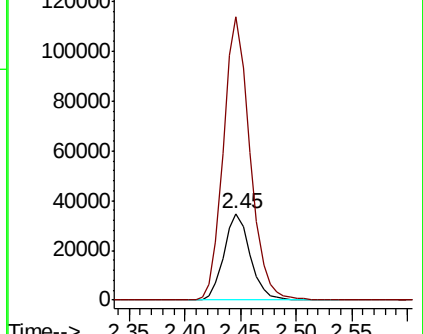
58 100

43 325.4 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.261 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008764.D

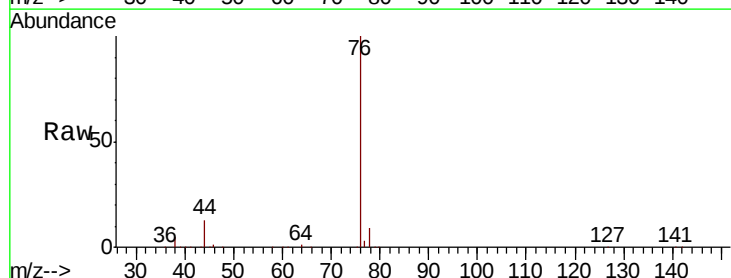
Acq: 09 Apr 2019 11:52

Tgt Ion: 76 Resp: 133868

Ion Ratio Lower Upper

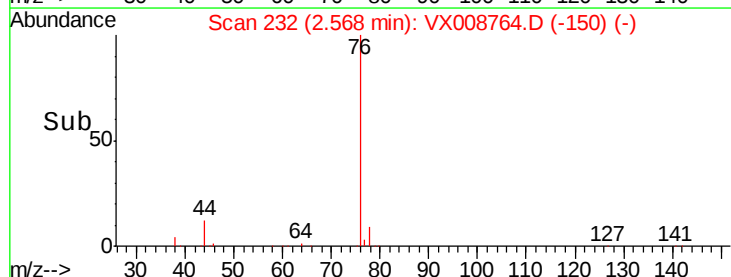
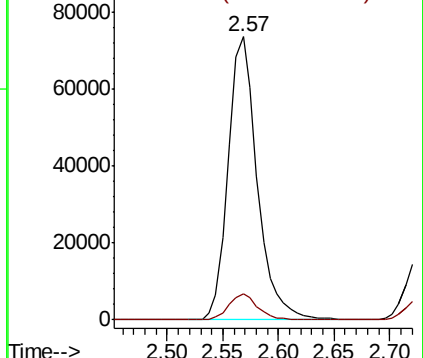
76 100

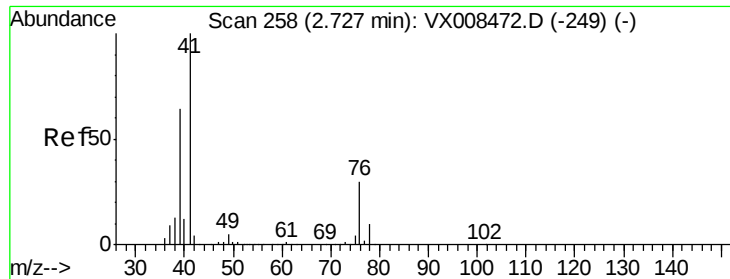
78 9.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

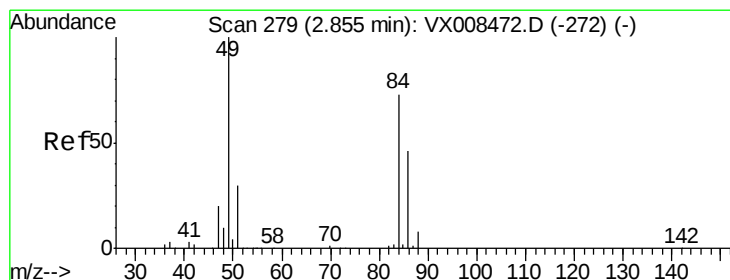
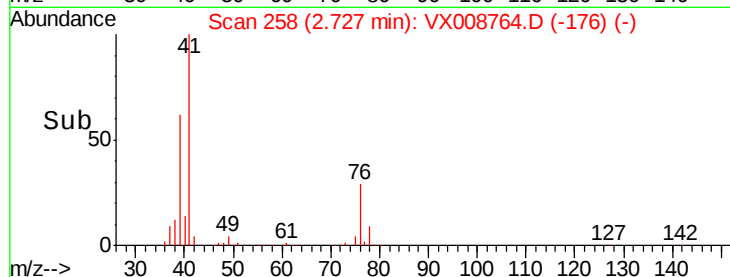
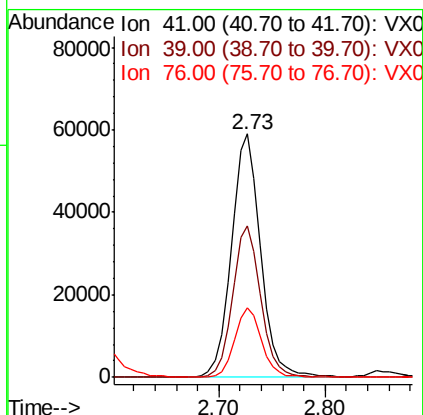
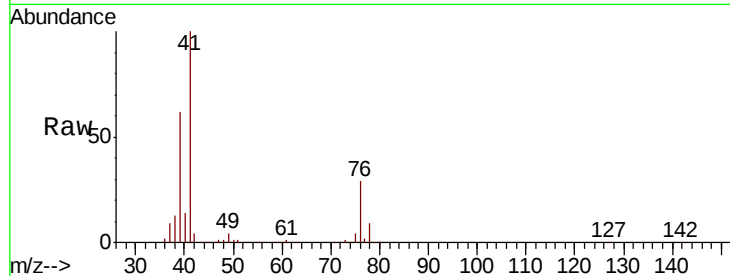




#17
 Allyl chloride
 Concen: 21.347 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

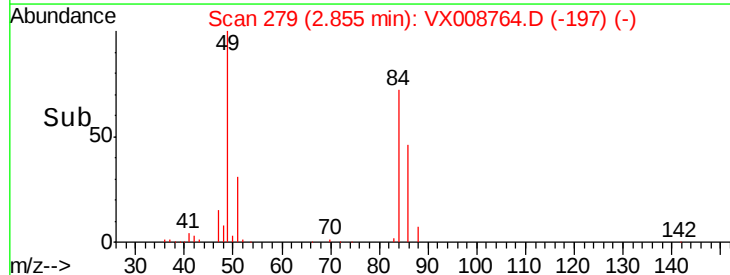
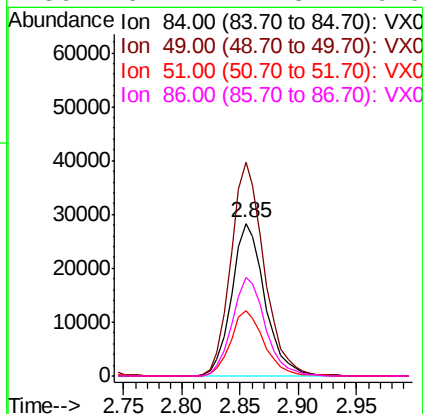
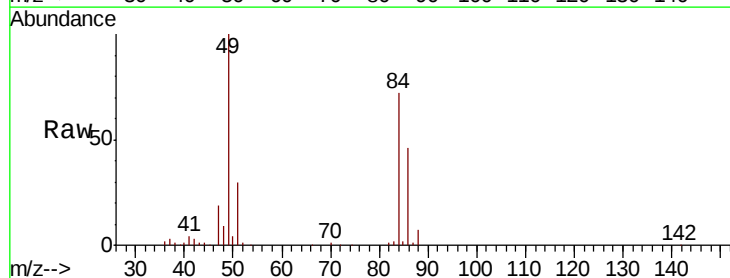
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

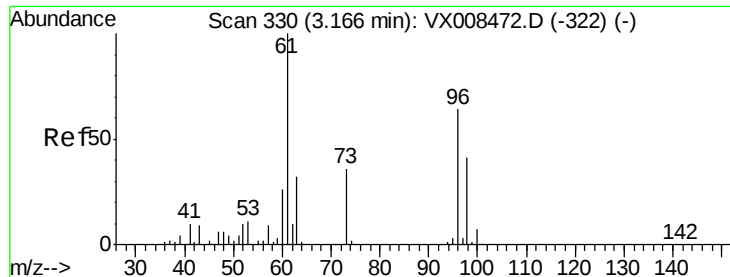
Tgt Ion: 41 Resp: 113060
 Ion Ratio Lower Upper
 41 100
 39 62.3 35.8 107.4
 76 28.7 18.3 54.9



#18
 Methylene Chloride
 Concen: 19.987 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 84 Resp: 56305
 Ion Ratio Lower Upper
 84 100
 49 139.8 96.1 144.1
 51 42.3 29.1 43.7
 86 64.2 47.3 70.9

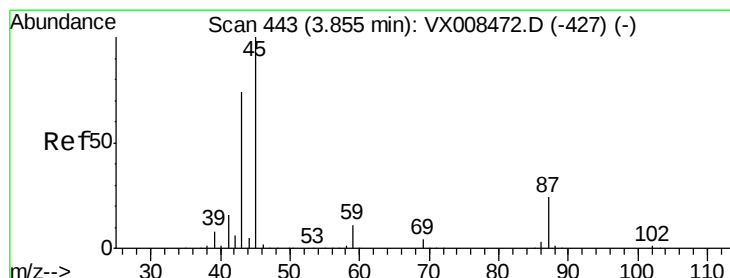
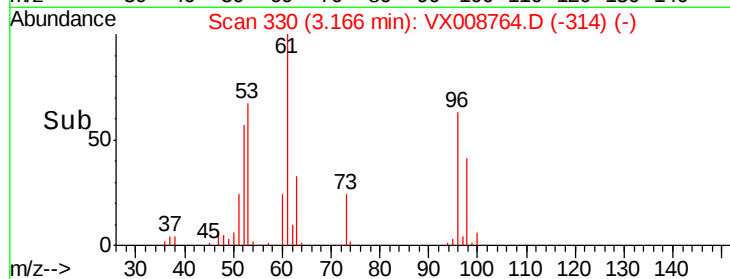
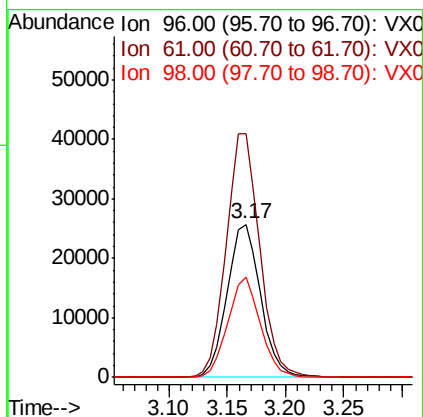
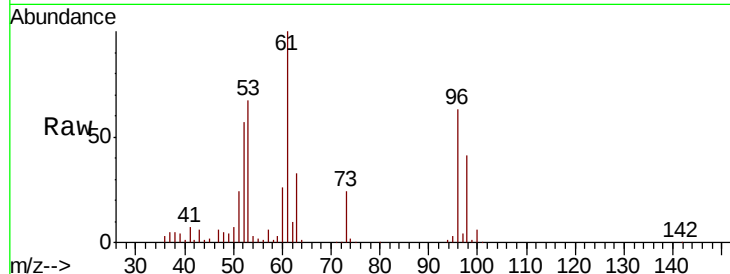




#19
trans-1,2-Dichloroethene
Concen: 20.436 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

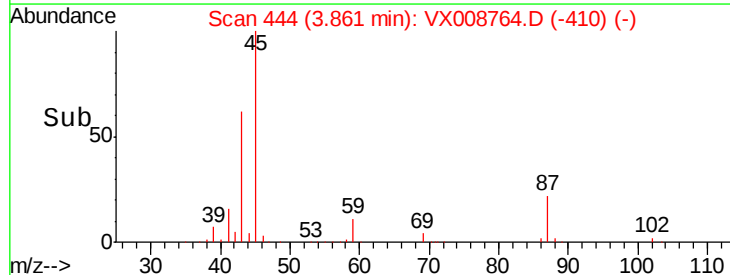
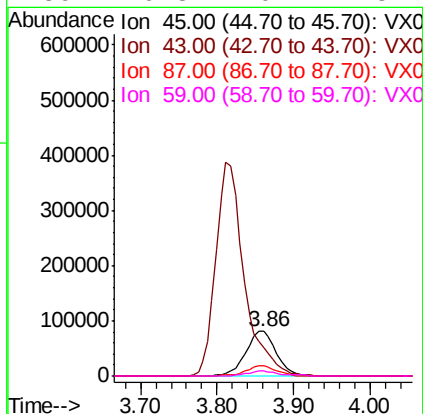
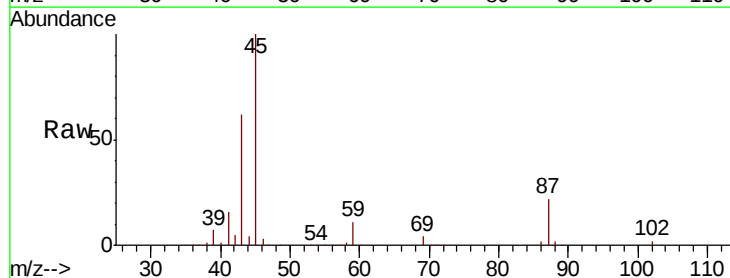
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

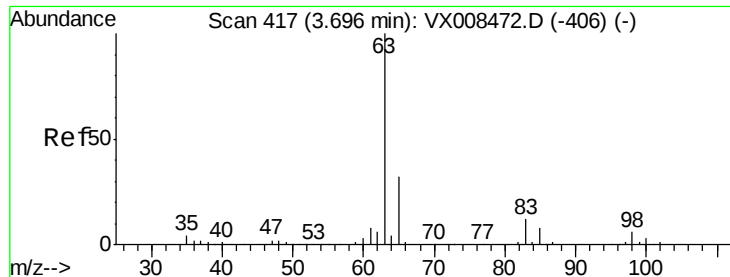
Tgt Ion: 96 Resp: 51452
Ion Ratio Lower Upper
96 100
61 158.6 109.9 164.9
98 65.5 50.4 75.6



#20
Diisopropyl ether
Concen: 21.803 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 45 Resp: 224755
Ion Ratio Lower Upper
45 100
43 61.8 50.6 76.0
87 22.5 24.5 36.7#
59 10.8 10.2 15.2





#21

1,1-Dichloroethane

Concen: 21.250 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

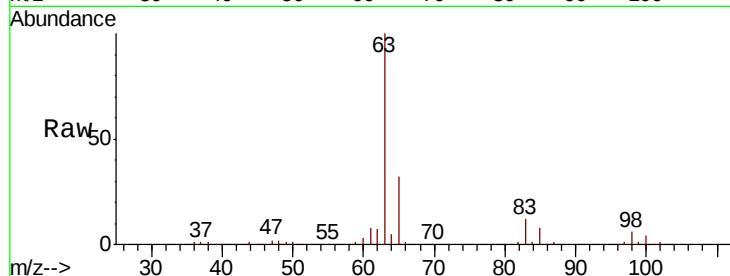
Tgt Ion: 63 Resp: 109958

Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.4

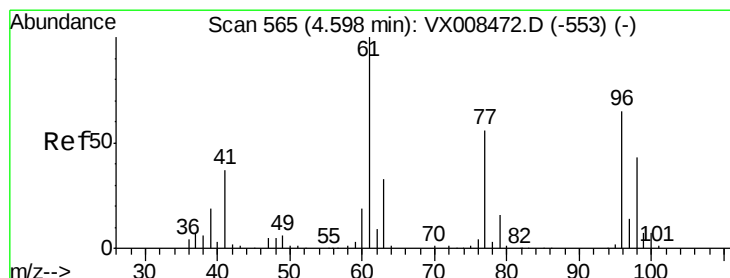
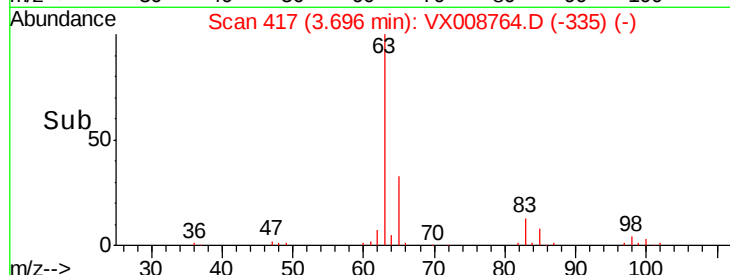
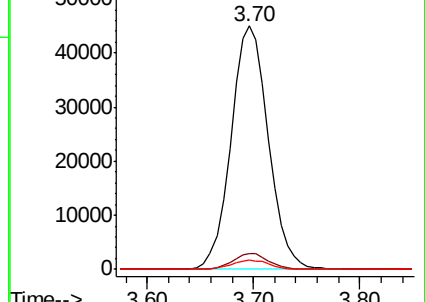
100 3.7 2.4 7.1



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: 20.940 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

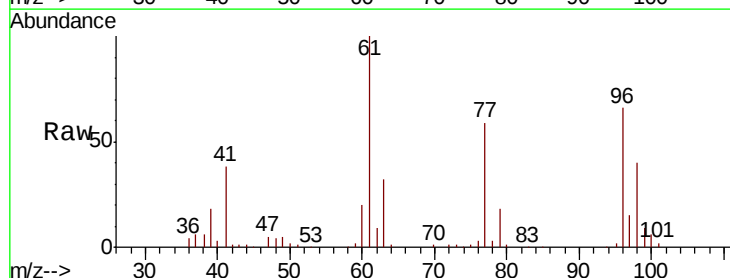
Tgt Ion: 96 Resp: 60925

Ion Ratio Lower Upper

96 100

61 163.8 103.5 155.3#

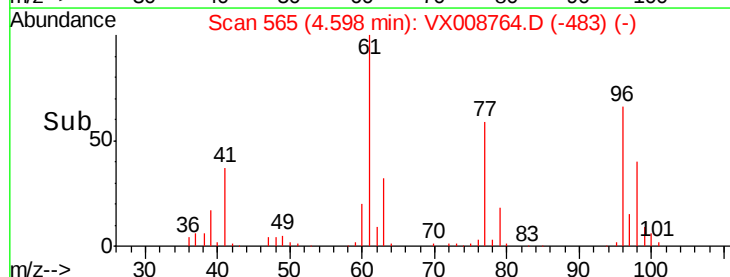
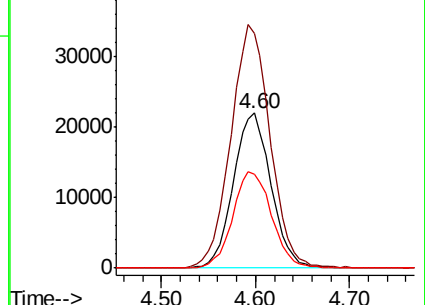
98 64.1 52.1 78.1

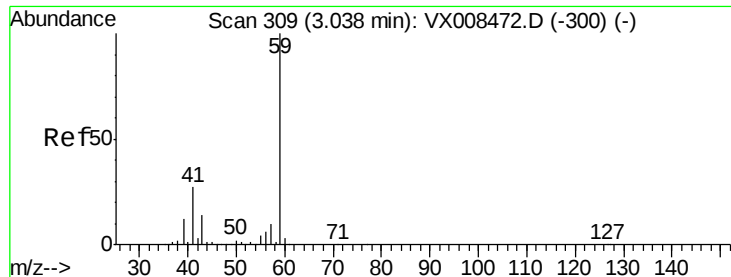


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



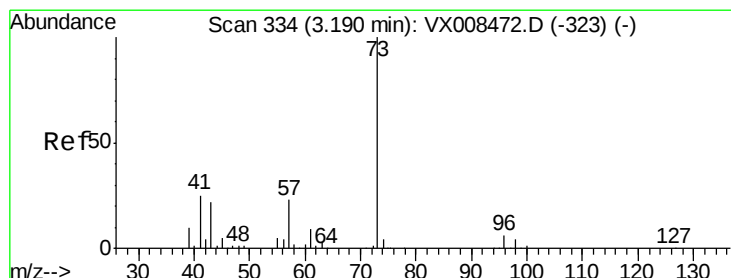
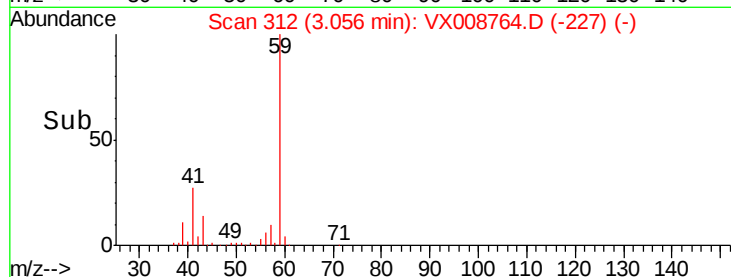
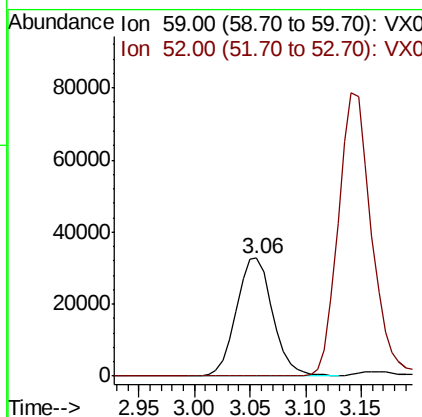
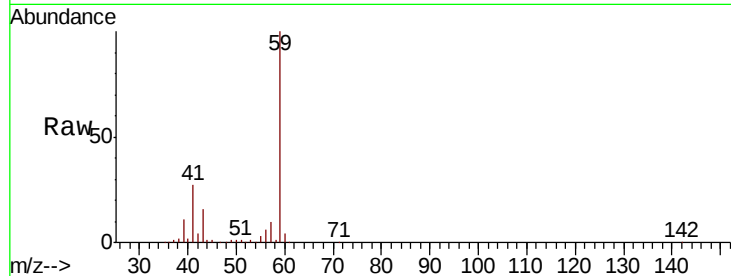


#23

tert-Butyl Alcohol
 Concen: 104.496 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.02 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

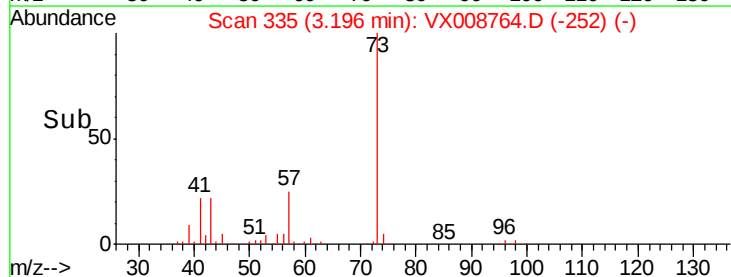
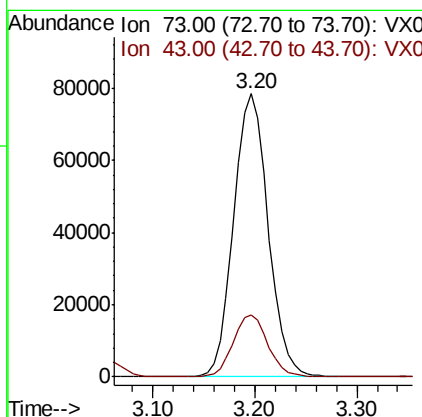
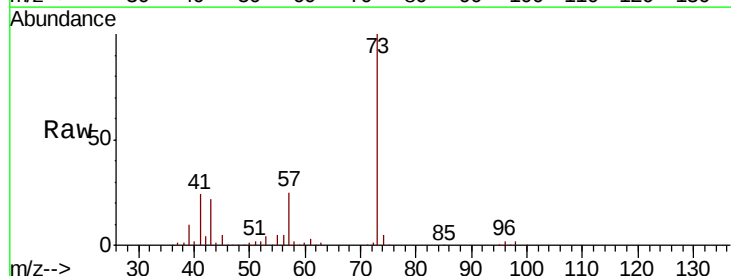
Tgt Ion: 59 Resp: 74513
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.2 0.2#

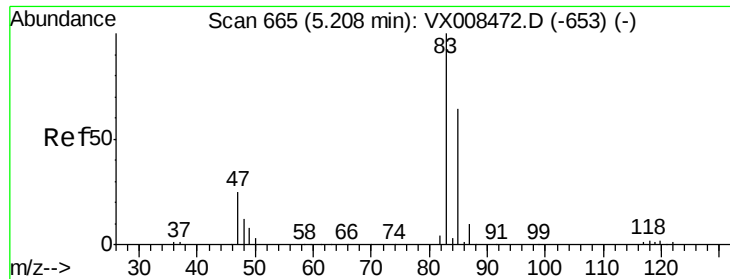


#24

Methyl tert-Butyl Ether
 Concen: 21.250 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 73 Resp: 184041
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7

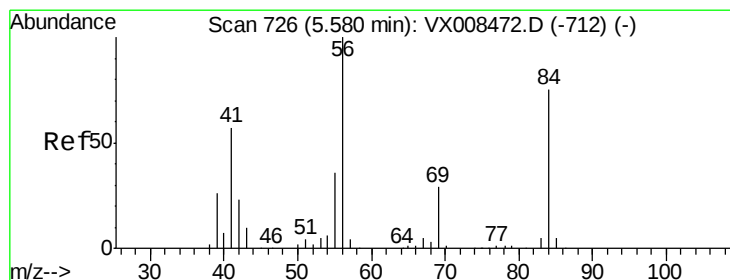
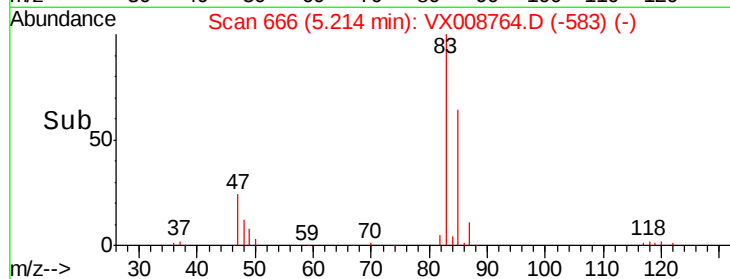
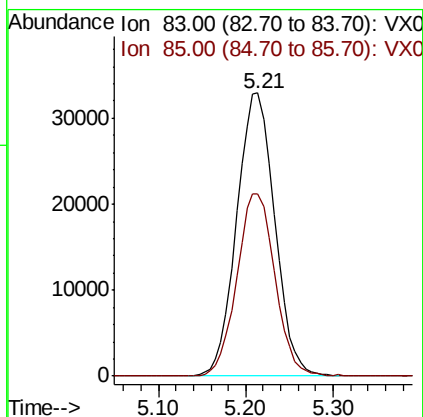
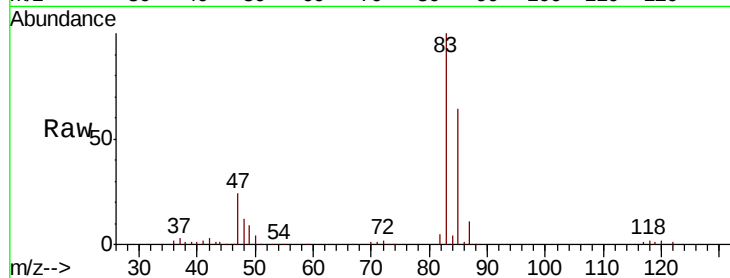




#25
Chloroform
Concen: 21.261 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

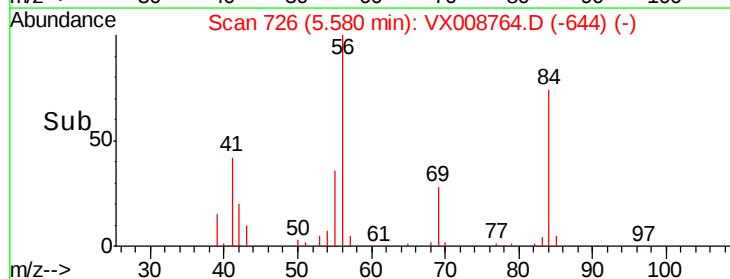
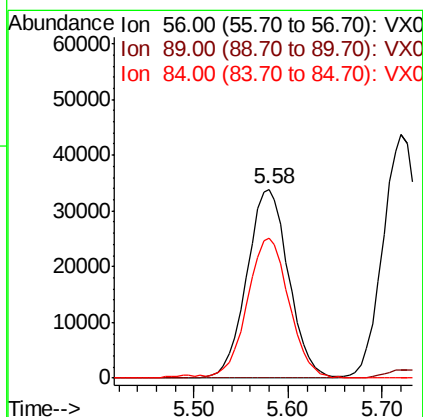
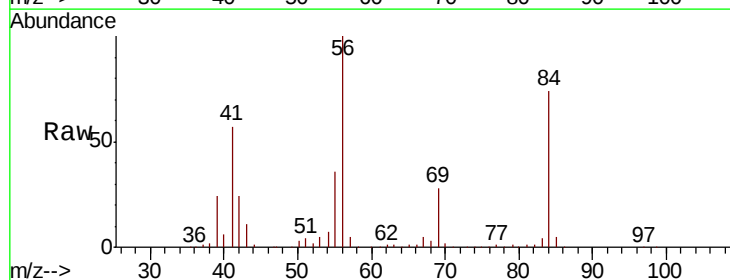
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

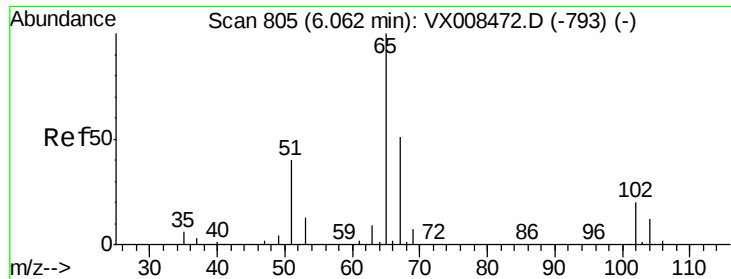
Tgt Ion: 83 Resp: 99652
Ion Ratio Lower Upper
83 100
85 64.2 53.8 80.6



#26
Cyclohexane
Concen: 20.850 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 56 Resp: 104815
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 73.3 73.9 110.9#





#27

1,2-Dichloroethane-d4

Concen: 30.251 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

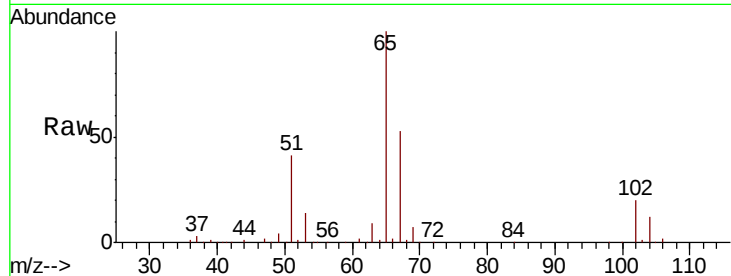
VX0409WBSD01

Tgt Ion: 65 Resp: 94174

Ion Ratio Lower Upper

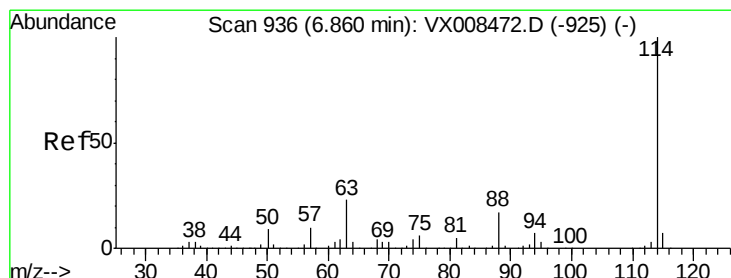
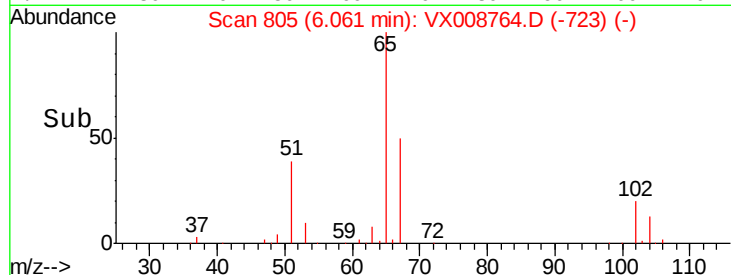
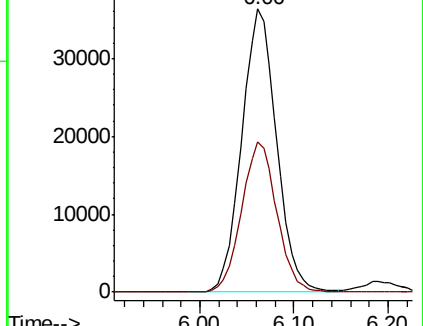
65 100

67 53.7 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

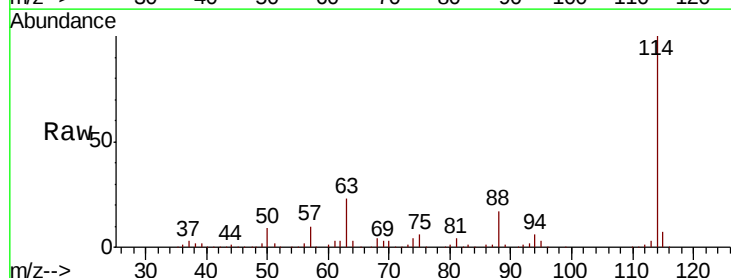
Tgt Ion: 114 Resp: 218989

Ion Ratio Lower Upper

114 100

63 23.6 14.2 21.4#

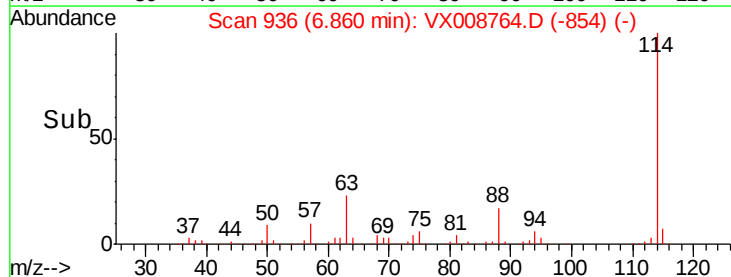
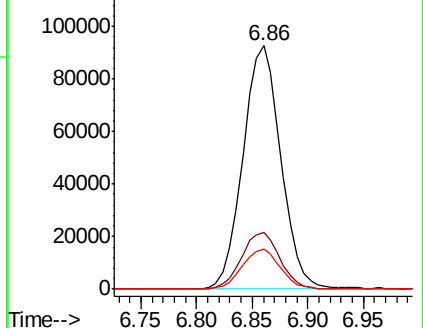
88 16.6 11.9 17.9

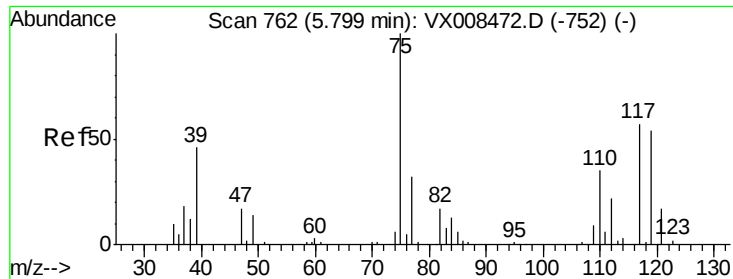


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.632 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

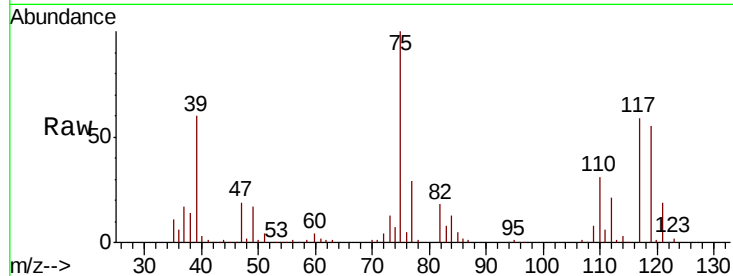
Tgt Ion: 75 Resp: 76013

Ion Ratio Lower Upper

75 100

110 33.0 0.0 80.8

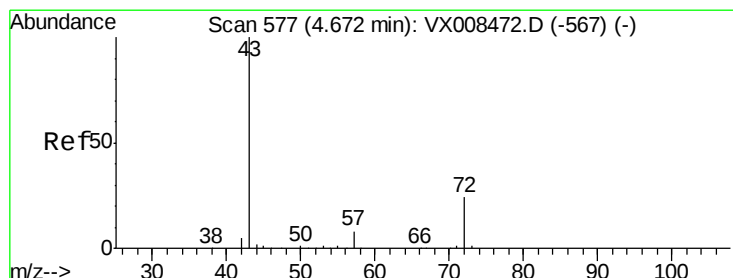
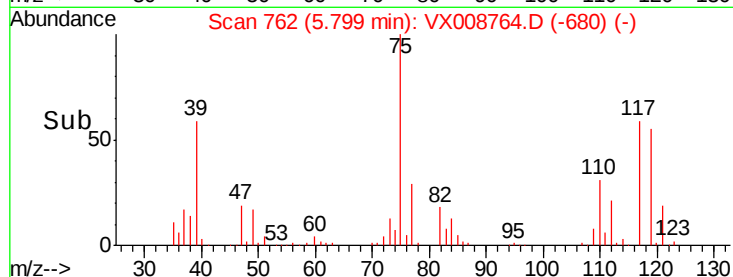
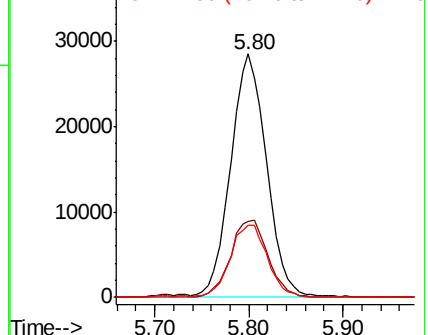
77 30.6 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 110.393 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

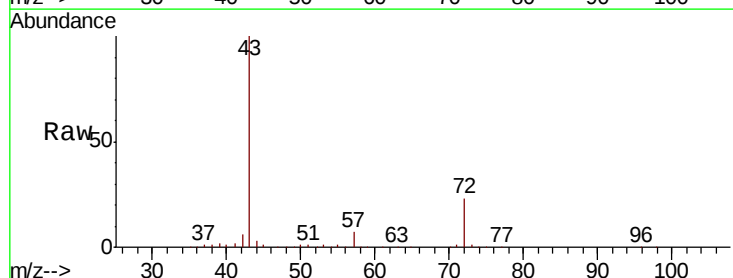
Tgt Ion: 43 Resp: 299071

Ion Ratio Lower Upper

43 100

57 7.6 7.0 10.6

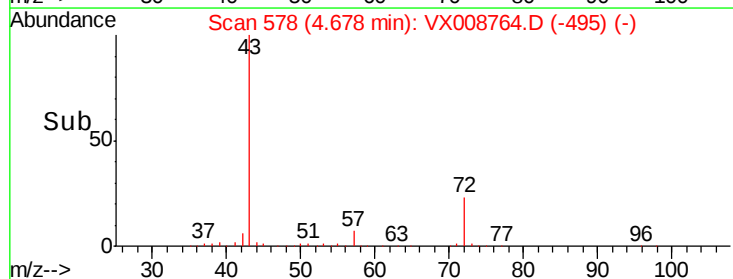
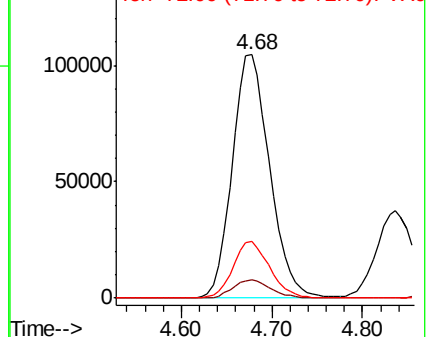
72 22.9 21.5 32.3

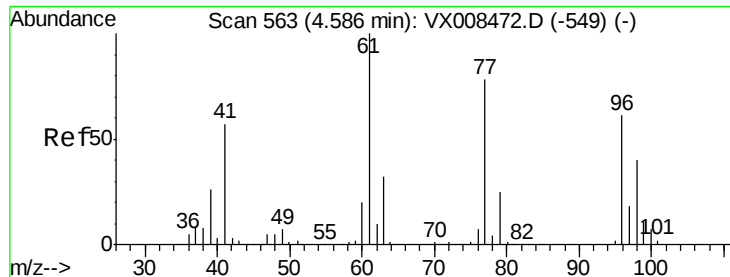


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

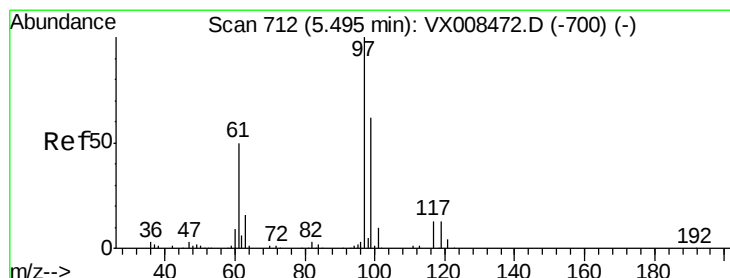
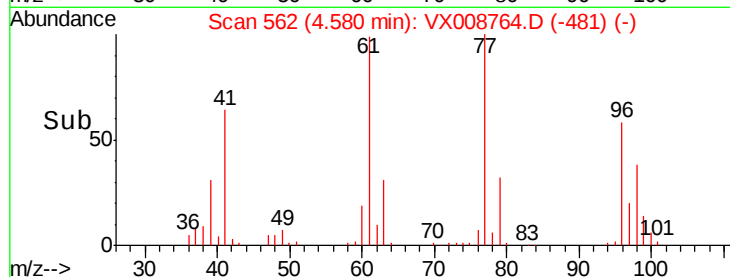
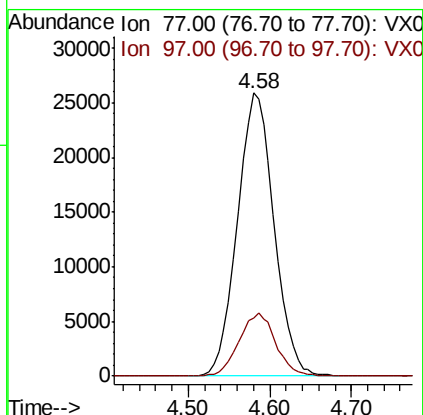
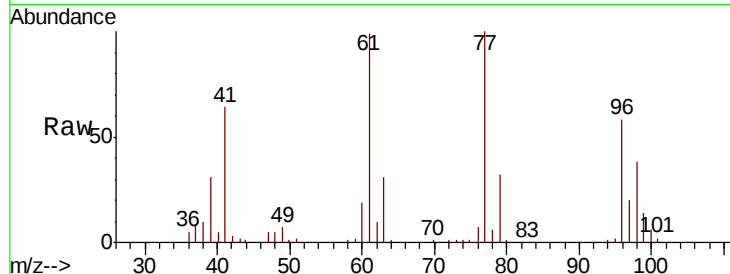




#31
 2,2-Dichloropropane
 Concen: 21.926 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

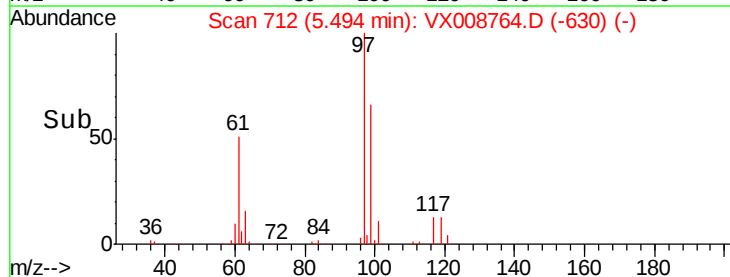
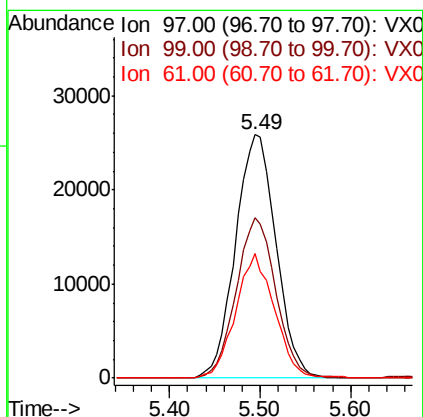
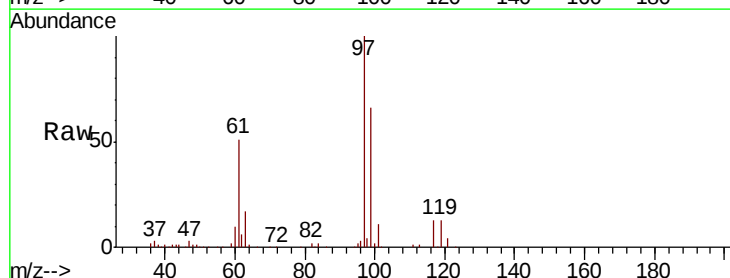
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

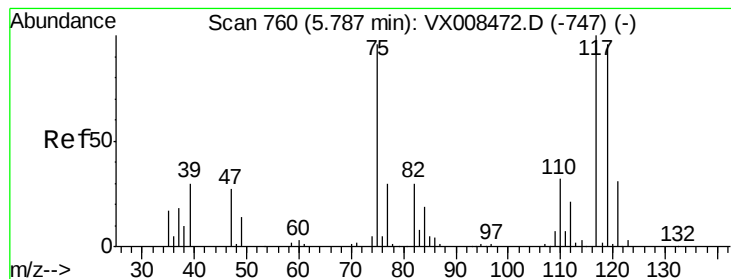
Tgt Ion: 77 Resp: 80679
 Ion Ratio Lower Upper
 77 100
 97 22.1 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 20.969 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 97 Resp: 80225
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.7 77.5
 61 48.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.551 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

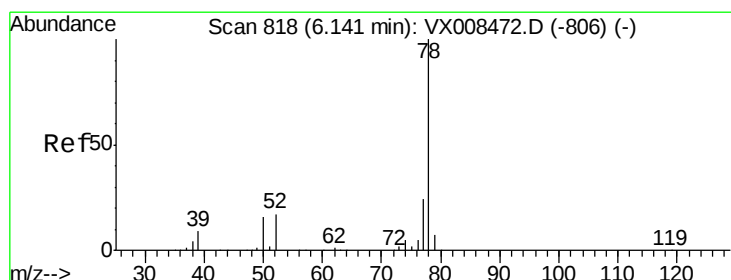
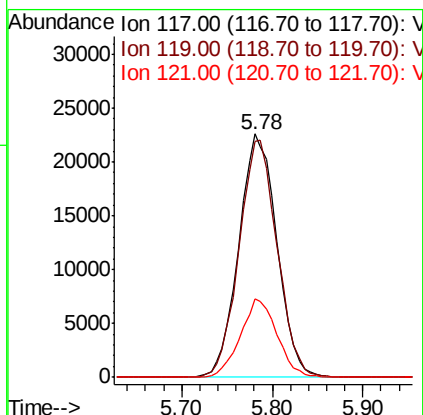
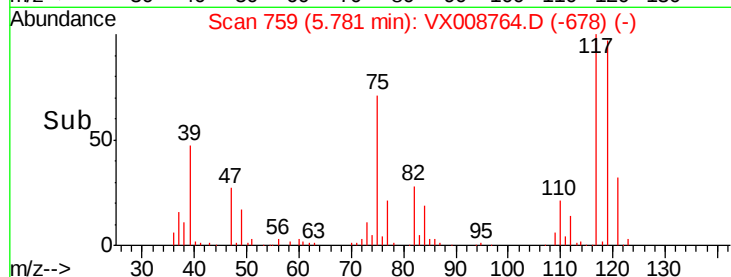
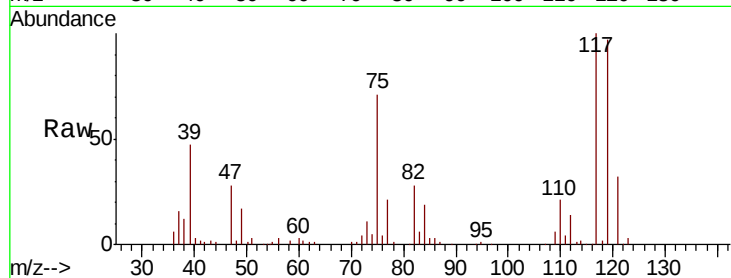
Tgt Ion:117 Resp: 65783

Ion Ratio Lower Upper

117 100

119 96.9 78.1 117.1

121 32.0 27.0 40.6



#34

Benzene

Concen: 20.778 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

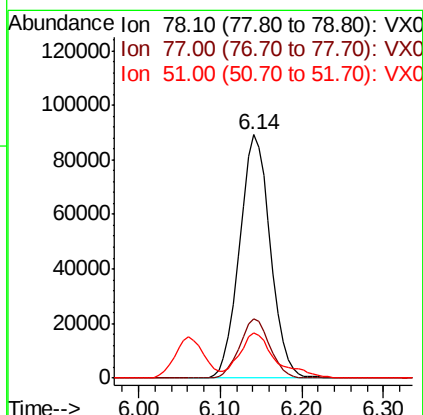
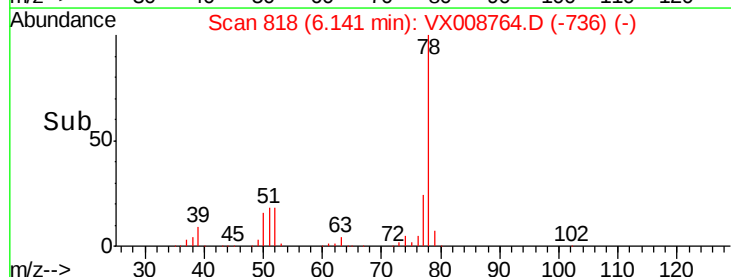
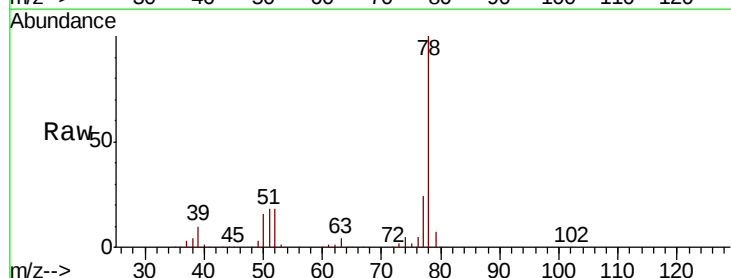
Tgt Ion: 78 Resp: 233997

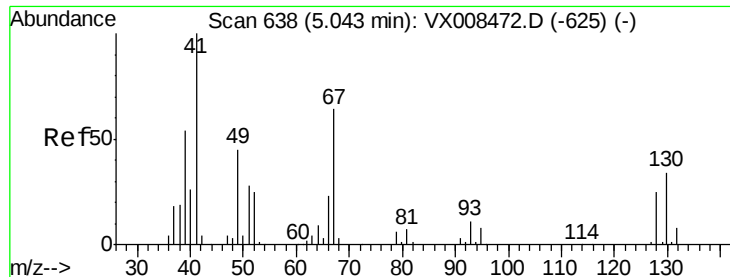
Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

51 18.1 10.8 16.2#

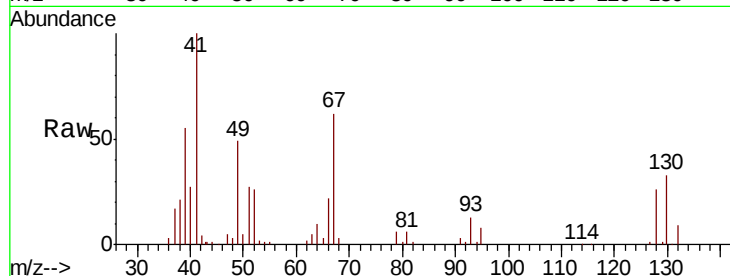




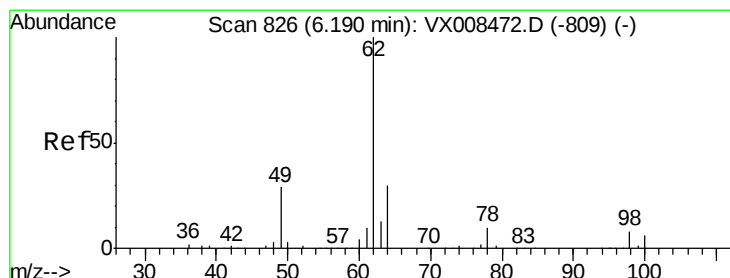
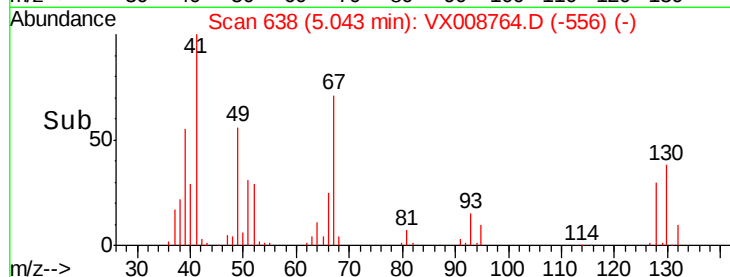
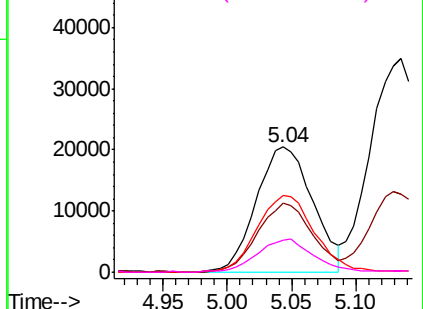
#35
Methacrylonitrile
Concen: 22.486 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:	41	Resp:	61949
Ion	Ratio	Lower	Upper
41	100		
39	54.7	27.4	82.0
67	61.9	37.9	113.6
52	25.3	13.3	39.9

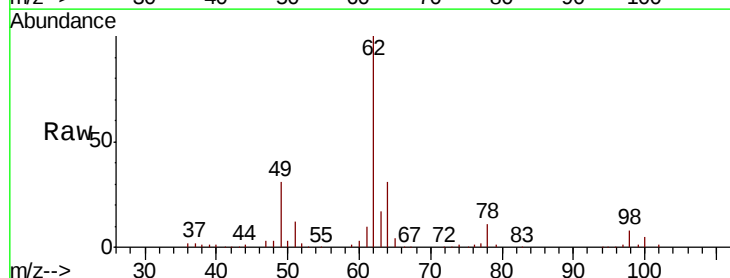


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

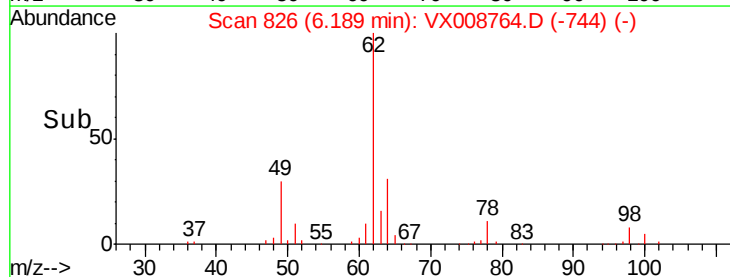
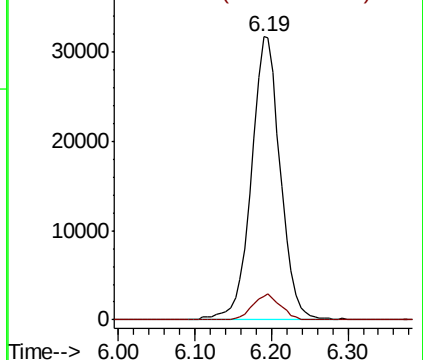


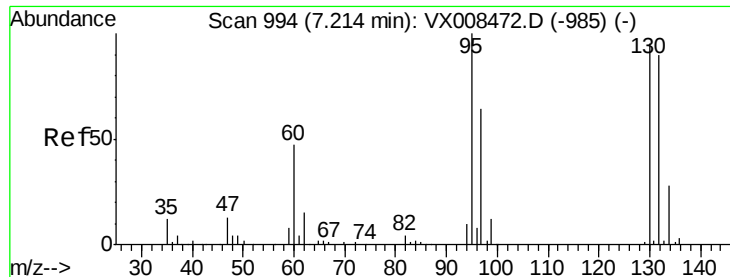
#36
1,2-Dichloroethane
Concen: 20.894 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion:	62	Resp:	83892
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

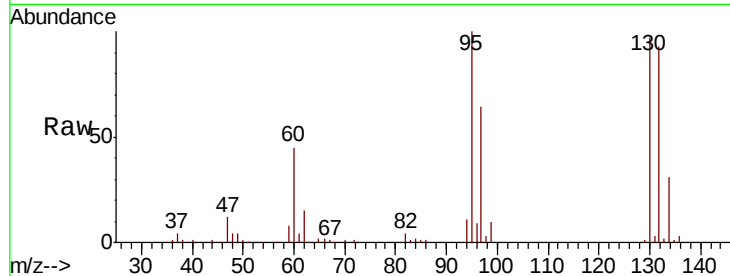




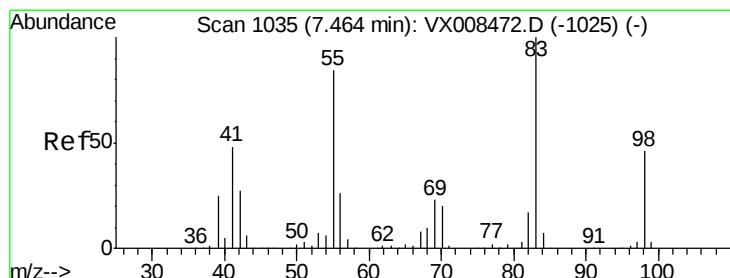
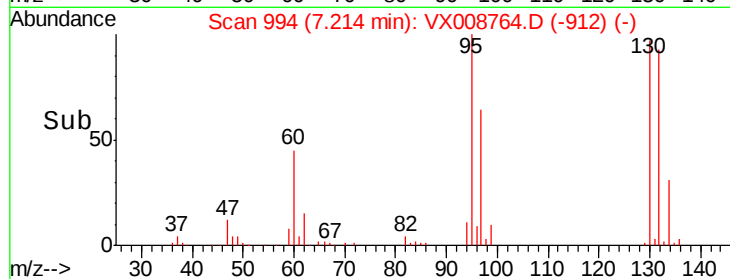
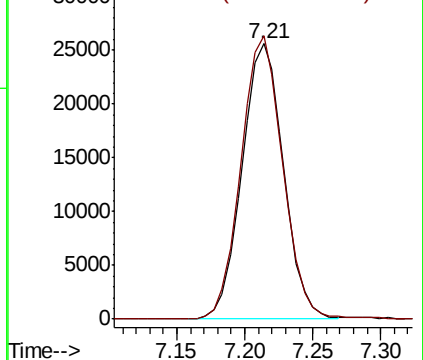
#37
 Trichloroethene
 Concen: 21.141 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Tgt Ion:130 Resp: 54754
 Ion Ratio Lower Upper
 130 100
 95 102.8 71.3 106.9

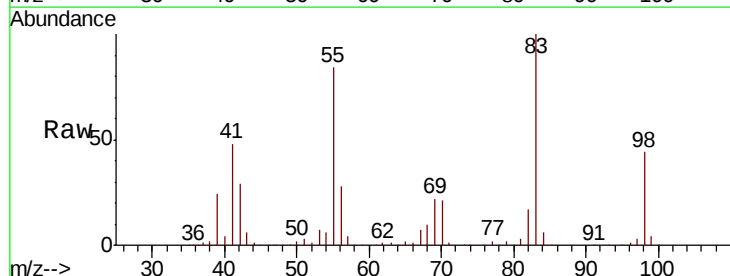


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

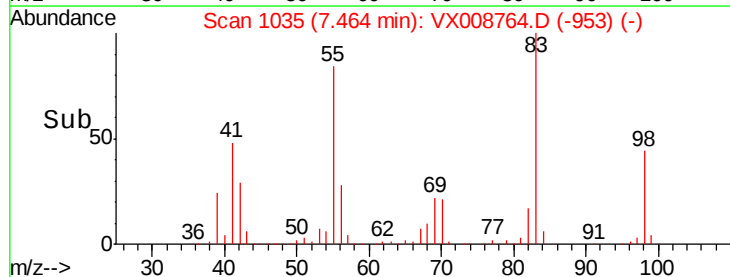
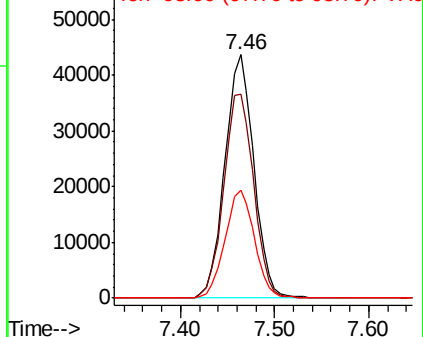


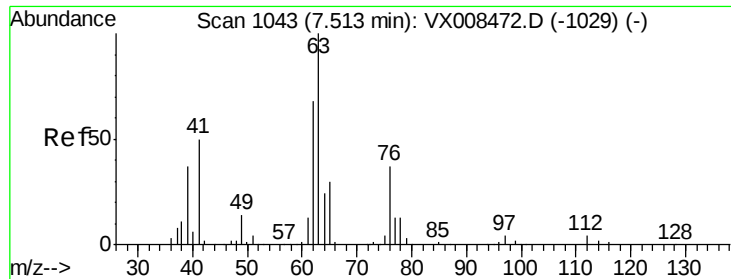
#38
 Methylcyclohexane
 Concen: 20.118 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 83 Resp: 93394
 Ion Ratio Lower Upper
 83 100
 55 86.2 36.0 108.0
 98 45.0 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

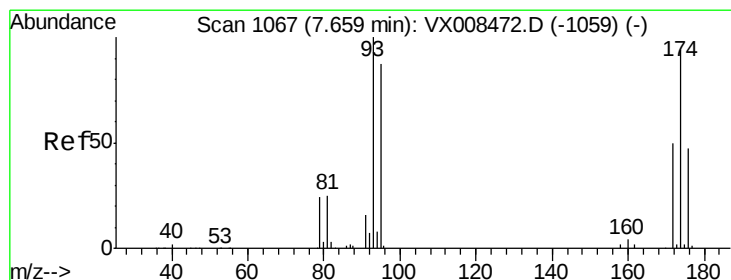
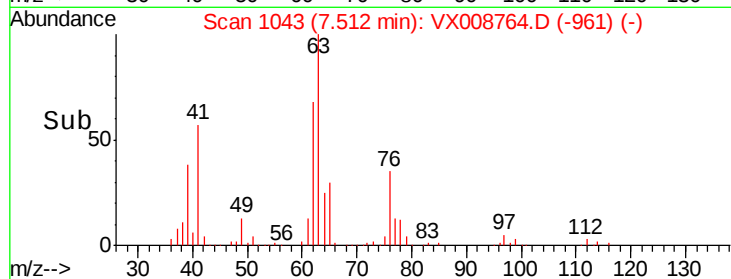
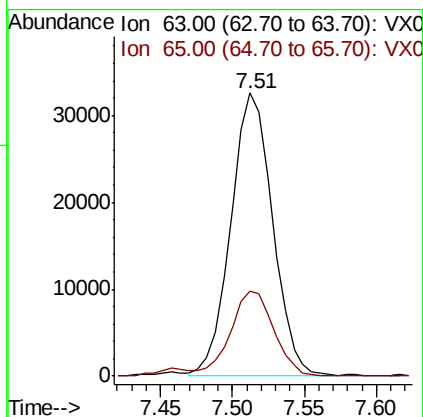
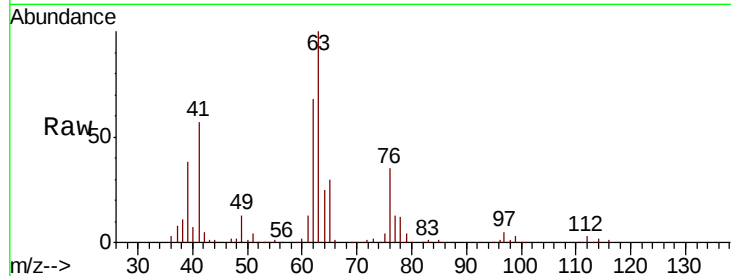




#39
 1,2-Dichloropropane
 Concen: 20.466 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

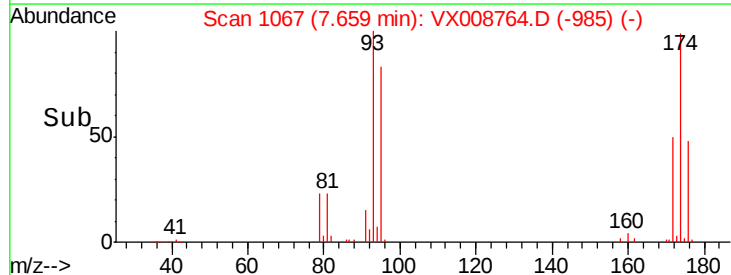
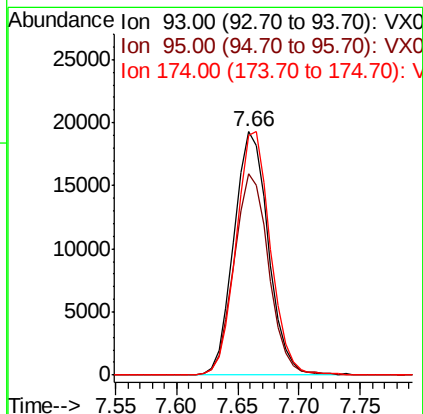
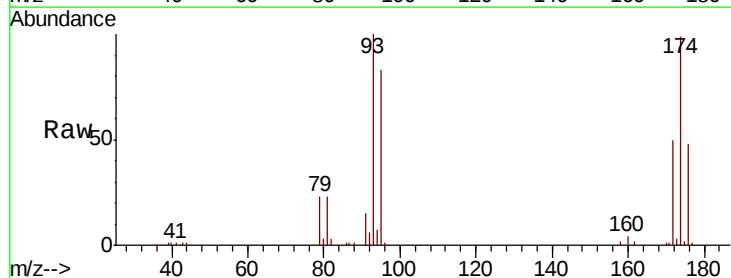
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

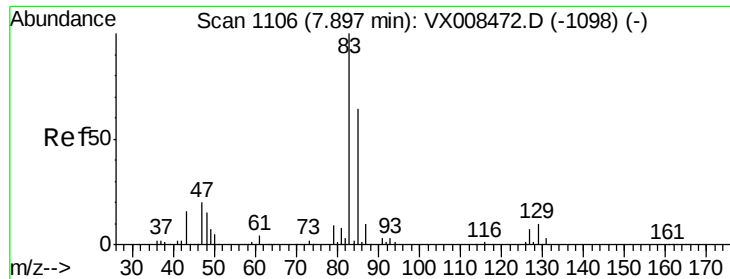
Tgt Ion: 63 Resp: 65374
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#40
 Dibromomethane
 Concen: 20.456 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 93 Resp: 37851
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 158.8
 174 98.8 0.0 224.2





#41

Bromodichloromethane

Concen: 20.473 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

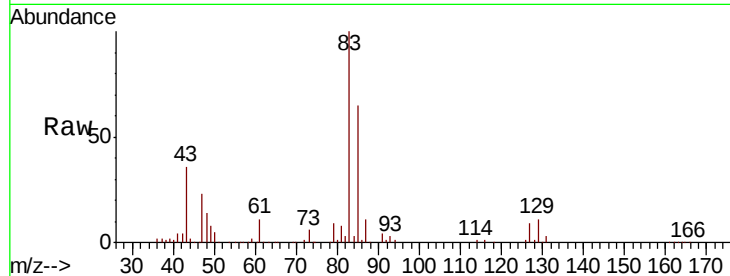
Tgt Ion: 83 Resp: 74485

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

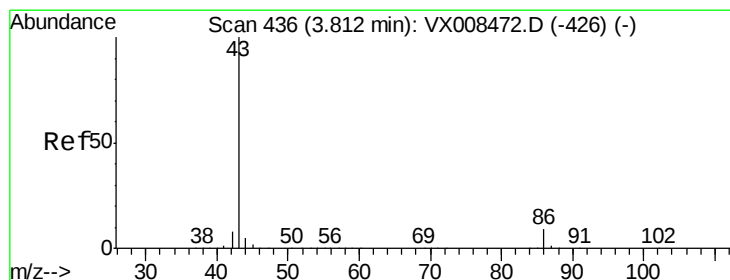
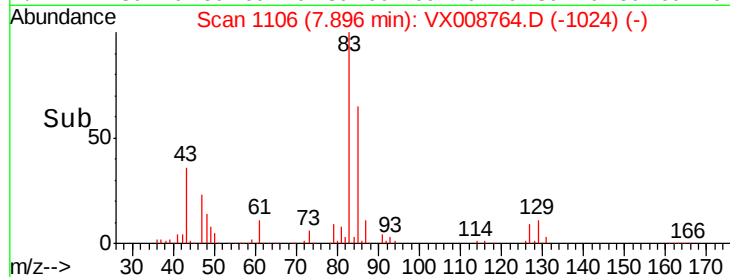
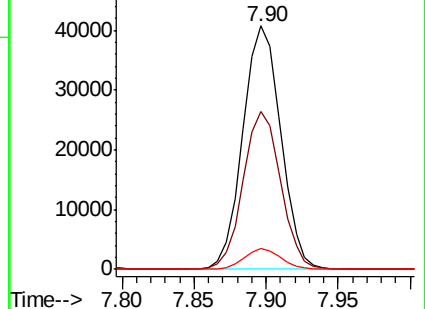
127 8.8 7.2 10.8



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: 108.971 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008764.D

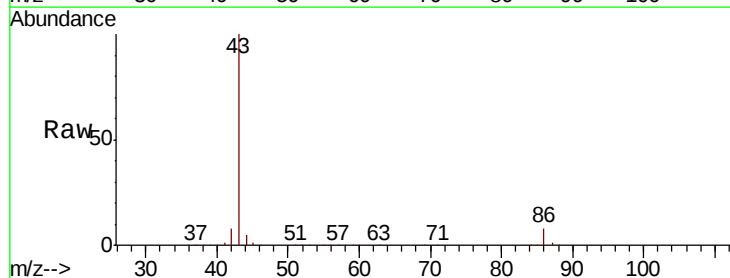
Acq: 09 Apr 2019 11:52

Tgt Ion: 43 Resp: 1000767

Ion Ratio Lower Upper

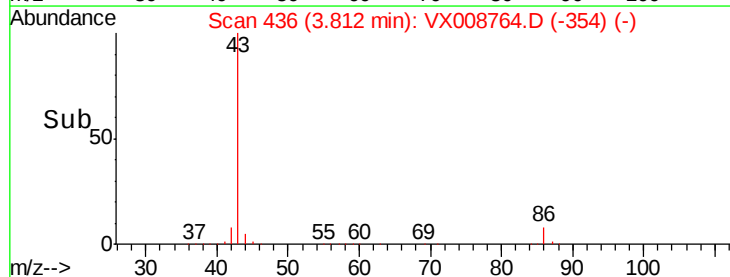
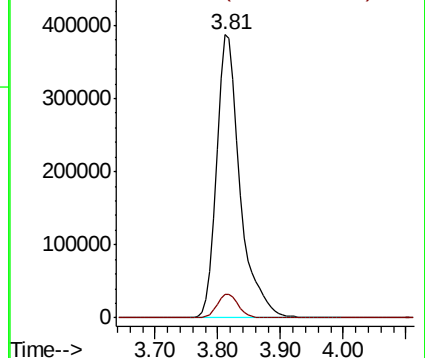
43 100

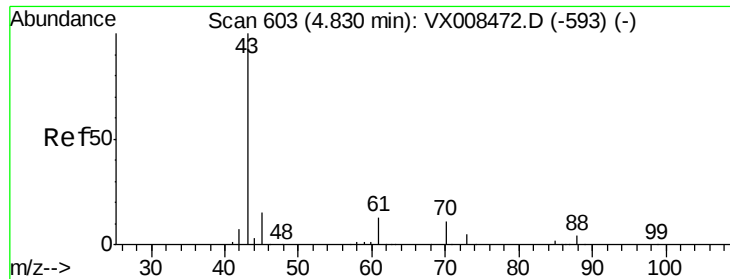
86 7.6 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 22.630 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

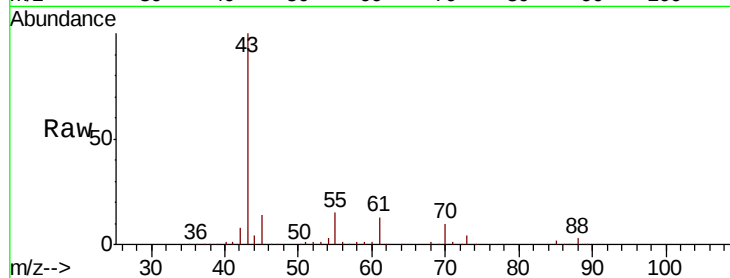
VX0409WBSD01

Tgt Ion: 43 Resp: 110345

Ion Ratio Lower Upper

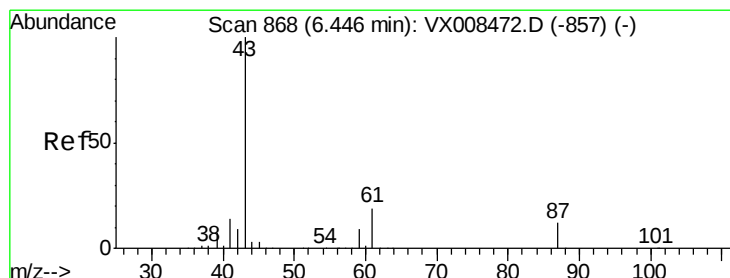
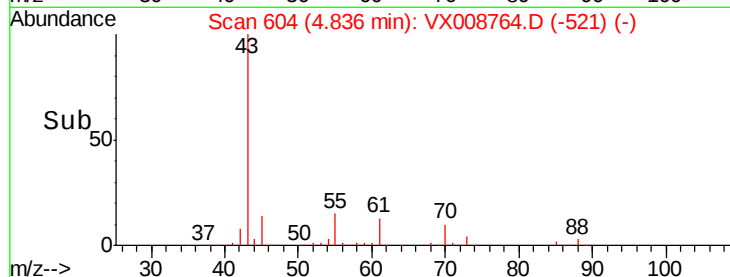
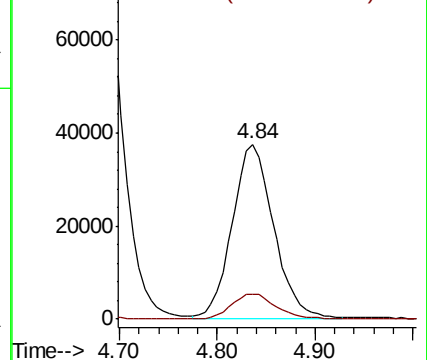
43 100

45 15.5 6.9 10.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 21.651 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008764.D

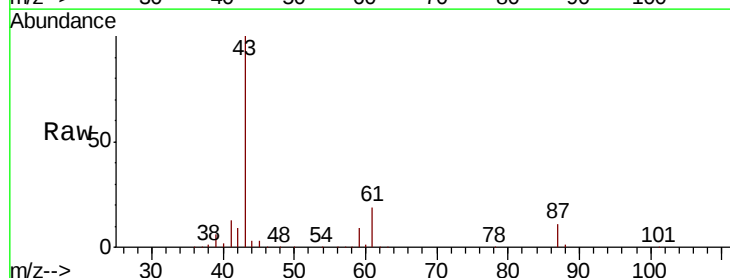
Acq: 09 Apr 2019 11:52

Tgt Ion: 43 Resp: 170708

Ion Ratio Lower Upper

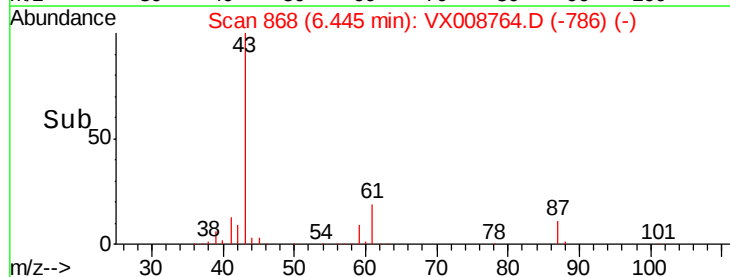
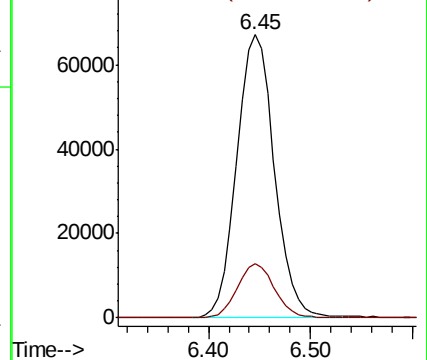
43 100

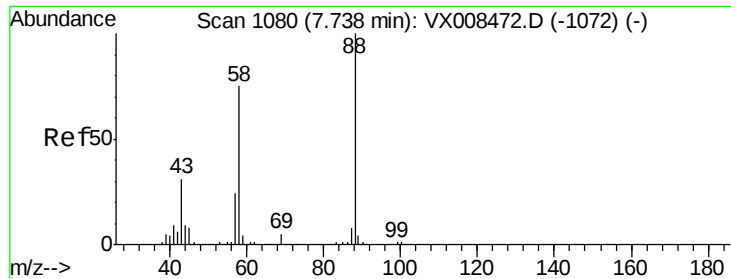
61 19.3 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

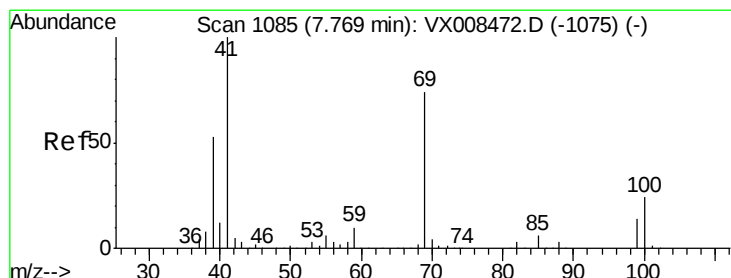
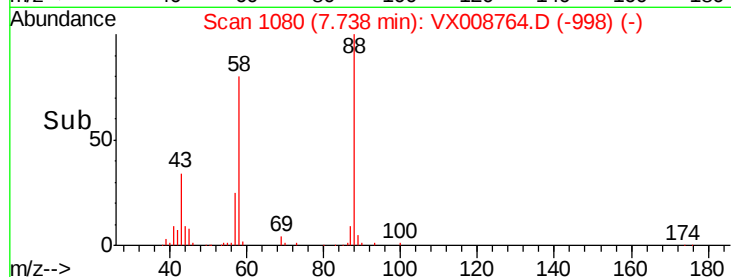
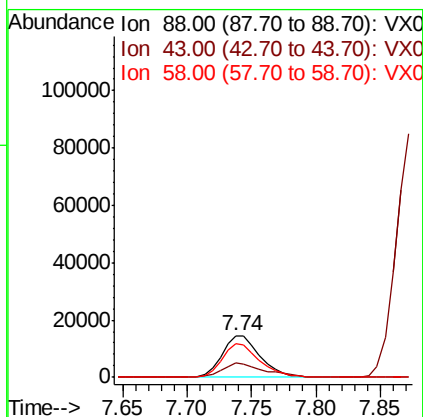
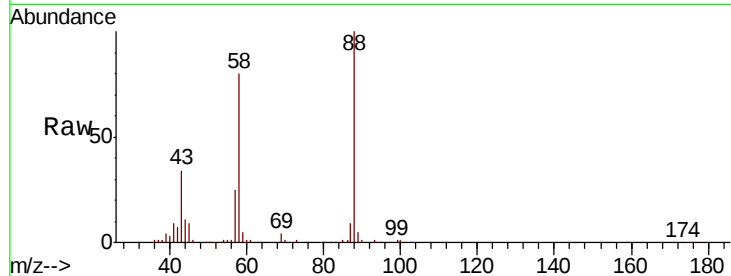




#45
 1,4-Dioxane
 Concen: 380.982 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

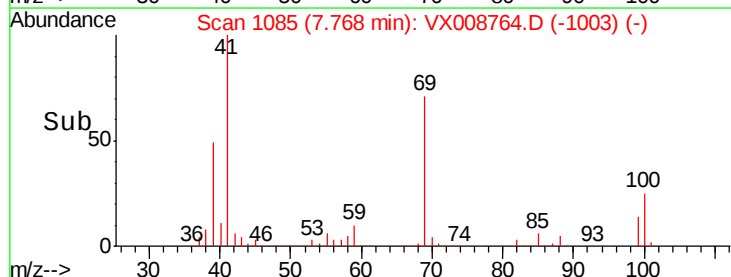
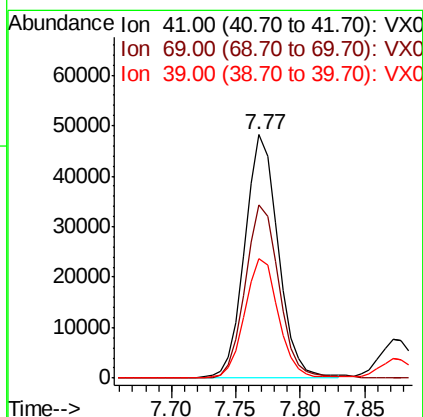
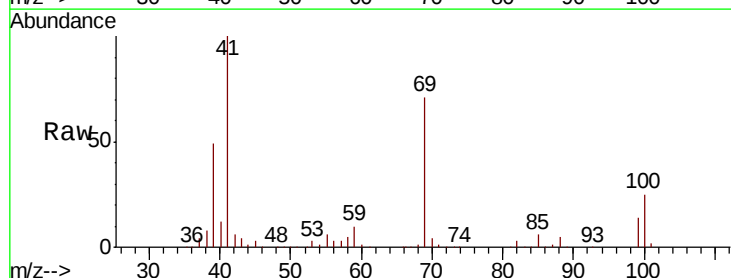
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

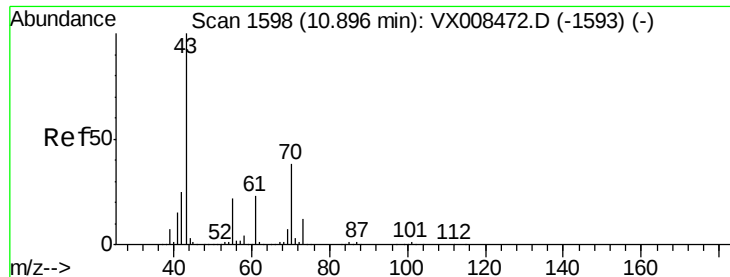
Tgt Ion: 88 Resp: 29903
 Ion Ratio Lower Upper
 88 100
 43 36.3 23.6 35.4#
 58 80.8 51.6 77.4#



#46
 Methyl methacrylate
 Concen: 21.465 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 41 Resp: 85953
 Ion Ratio Lower Upper
 41 100
 69 71.4 44.2 132.6
 39 48.7 29.9 89.8





#47

n-amyl Acetate

Concen: 19.578 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

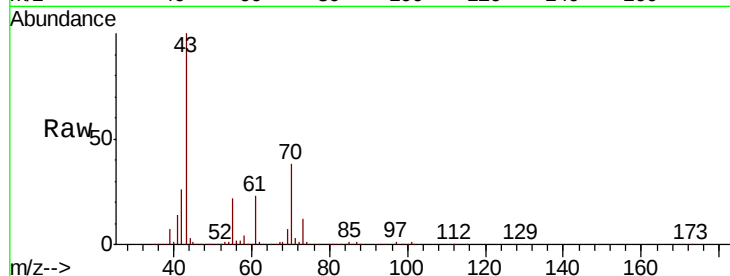
VX0409WBSD01

Tgt Ion: 43 Resp: 140218

Ion Ratio Lower Upper

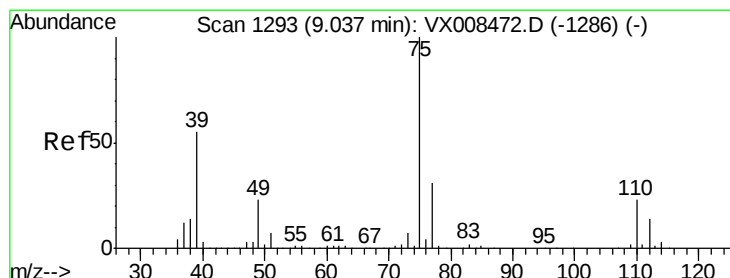
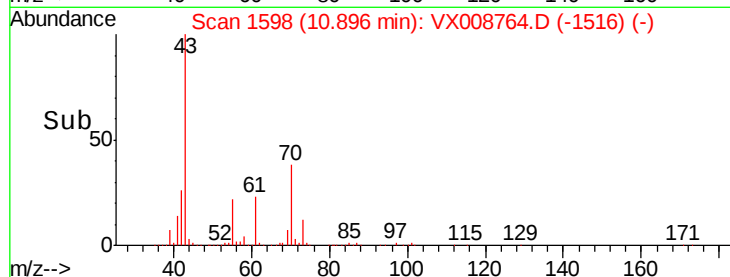
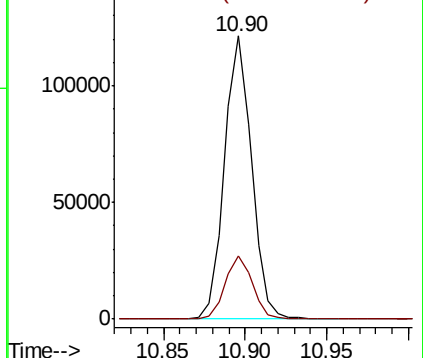
43 100

55 22.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 20.719 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008764.D

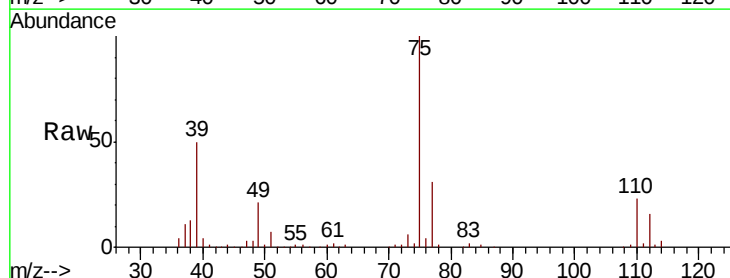
Acq: 09 Apr 2019 11:52

Tgt Ion: 75 Resp: 85144

Ion Ratio Lower Upper

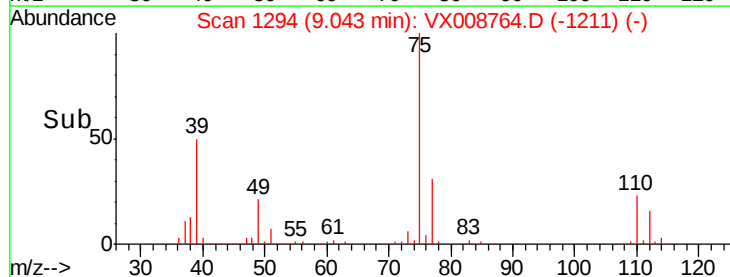
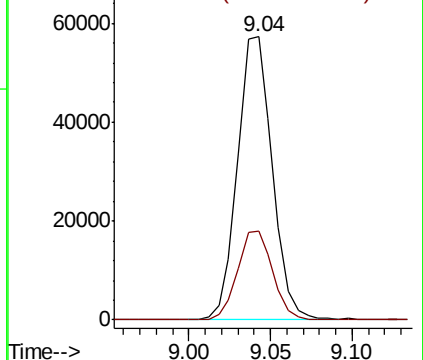
75 100

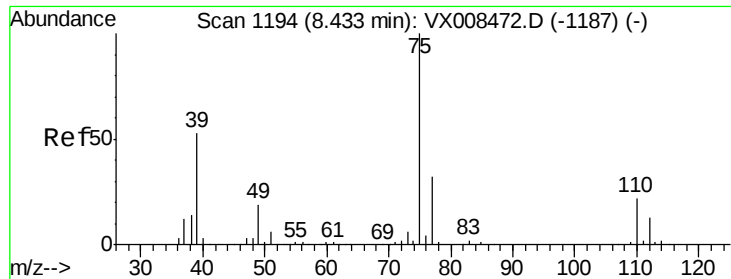
77 31.4 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



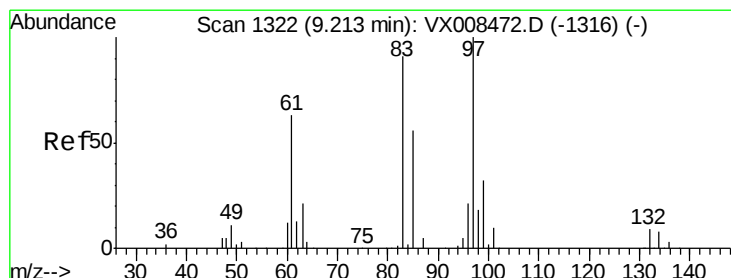
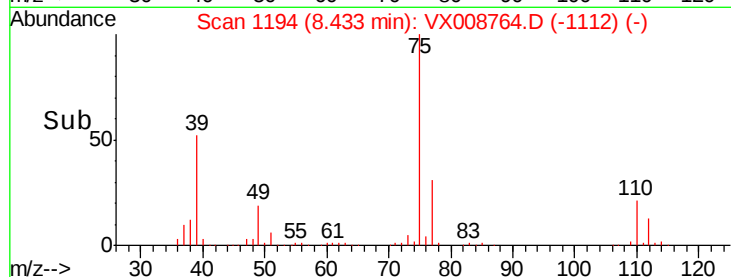
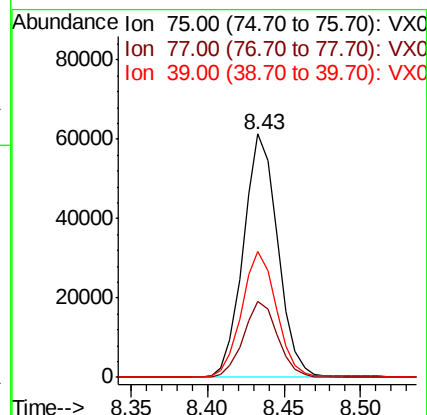
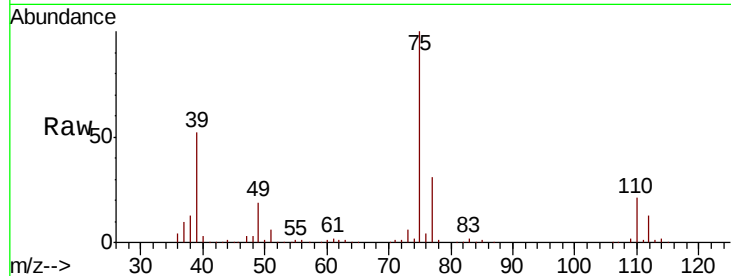


#49

cis-1,3-Dichloropropene
 Concen: 20.902 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

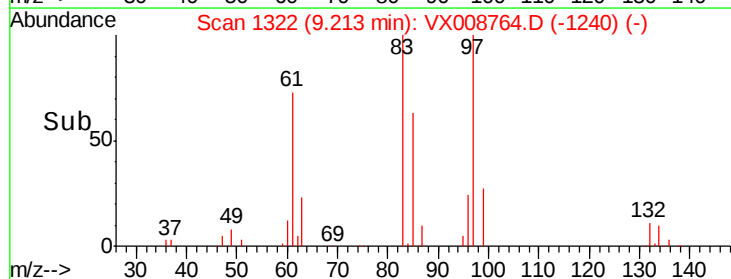
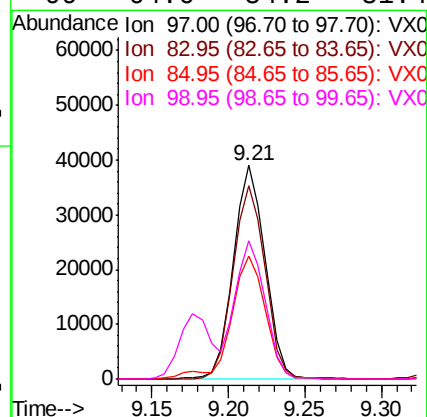
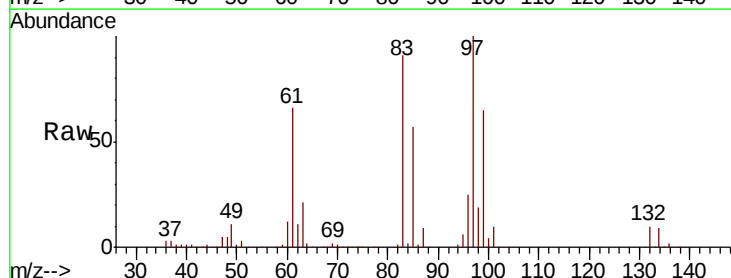
Tgt Ion:	75	Resp:	96075
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4
39	51.6	38.5	57.7

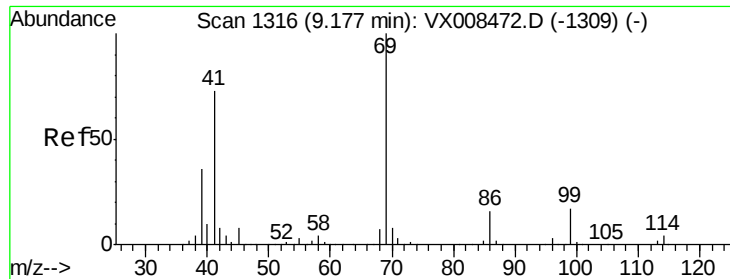


#50

1,1,2-Trichloroethane
 Concen: 20.452 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion:	97	Resp:	56192
Ion	Ratio	Lower	Upper
97	100		
83	90.7	72.0	108.0
85	57.2	45.0	67.6
99	64.6	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.002 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

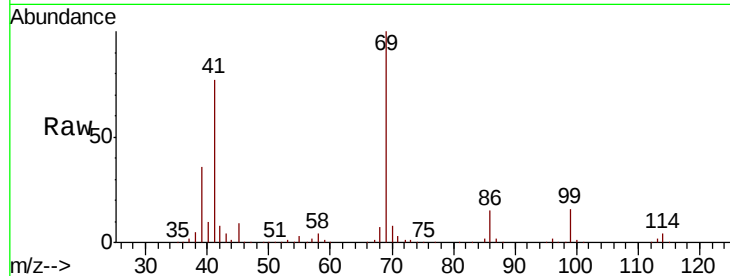
Tgt Ion: 69 Resp: 102266

Ion Ratio Lower Upper

69 100

41 76.4 32.1 96.5

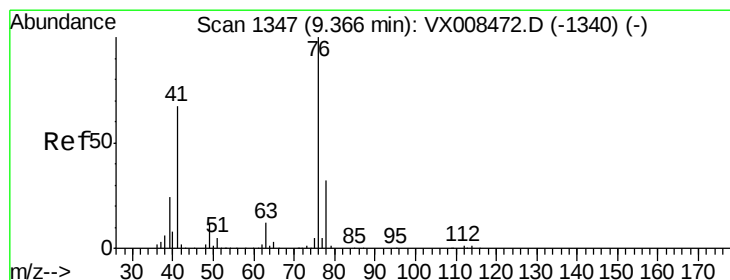
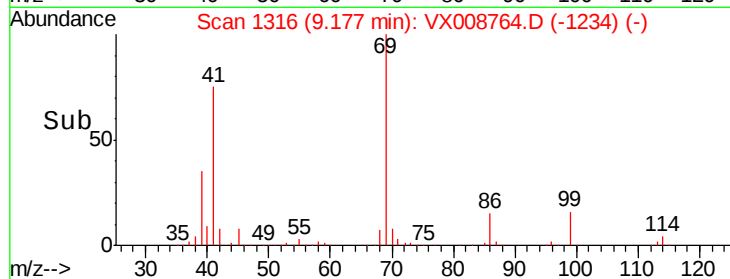
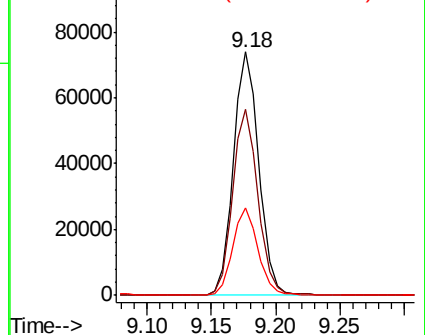
39 35.9 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.833 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008764.D

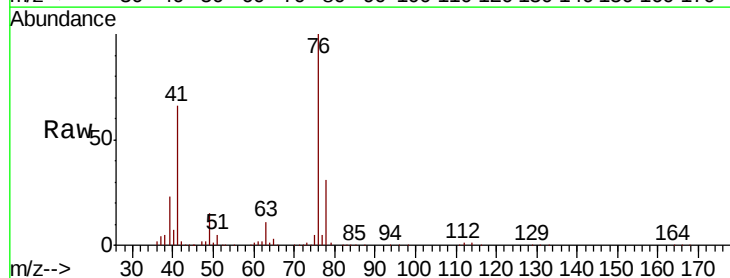
Acq: 09 Apr 2019 11:52

Tgt Ion: 76 Resp: 101834

Ion Ratio Lower Upper

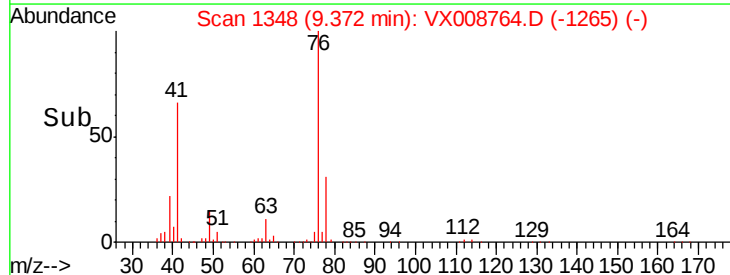
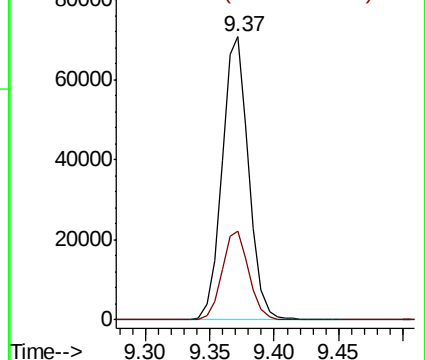
76 100

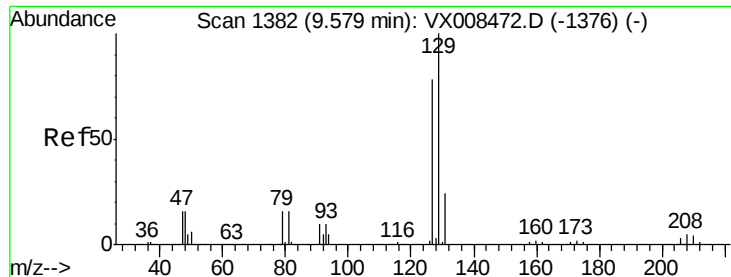
78 31.8 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.096 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

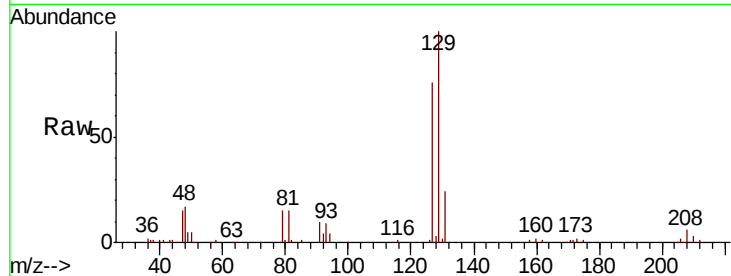
VX0409WBSD01

Tgt Ion:129 Resp: 54333

Ion Ratio Lower Upper

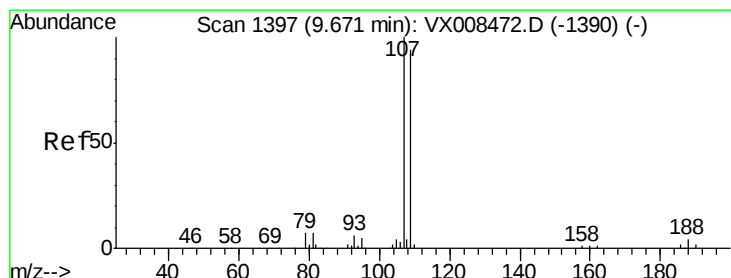
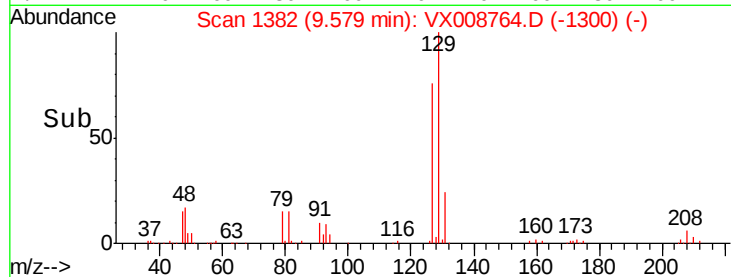
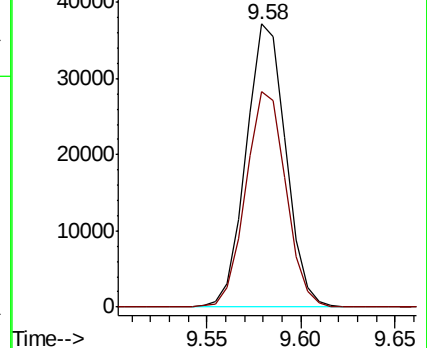
129 100

127 76.9 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.606 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008764.D

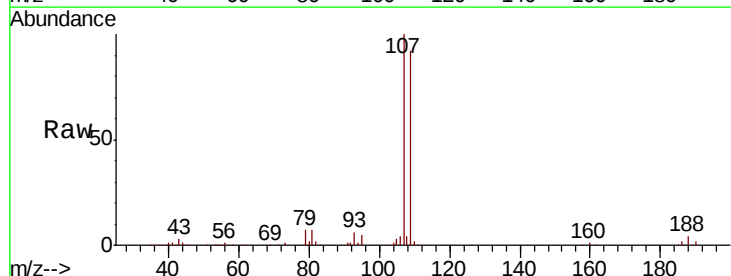
Acq: 09 Apr 2019 11:52

Tgt Ion:107 Resp: 58361

Ion Ratio Lower Upper

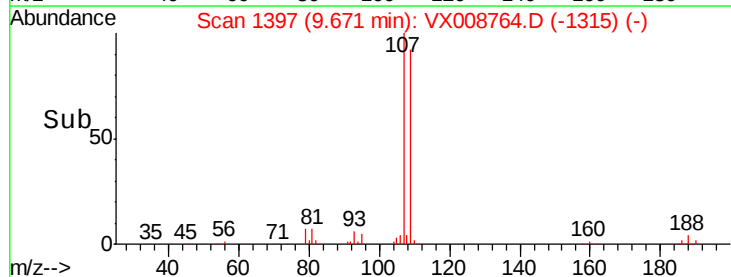
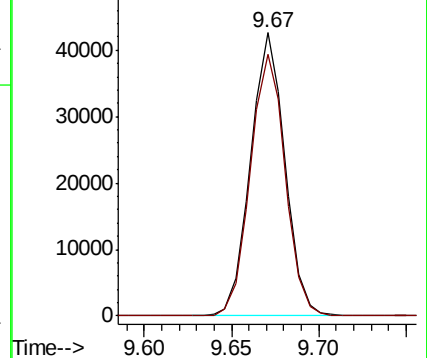
107 100

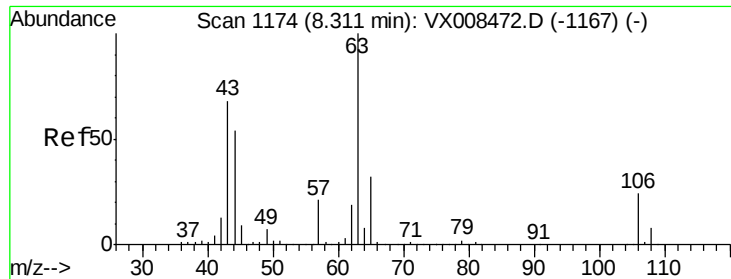
109 94.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

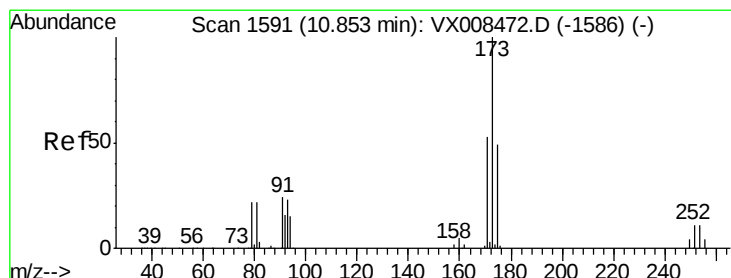
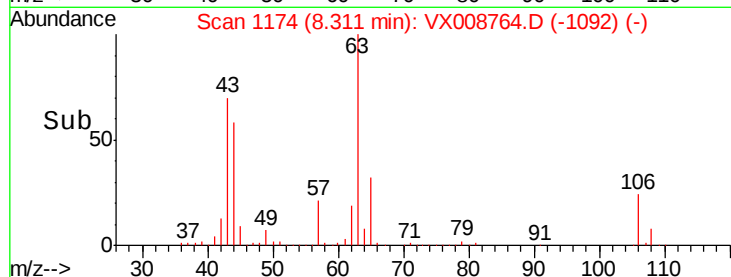
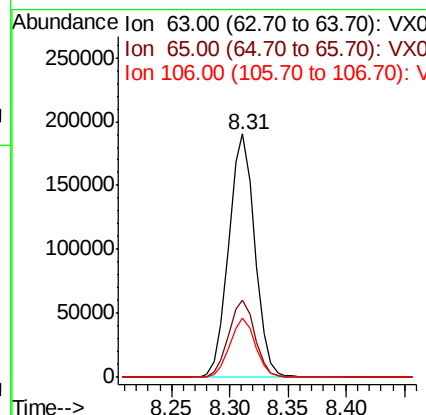
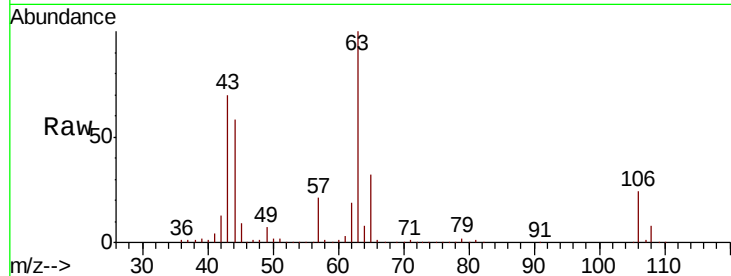




#55
 2-Chloroethyl vinyl ether
 Concen: 114.894 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

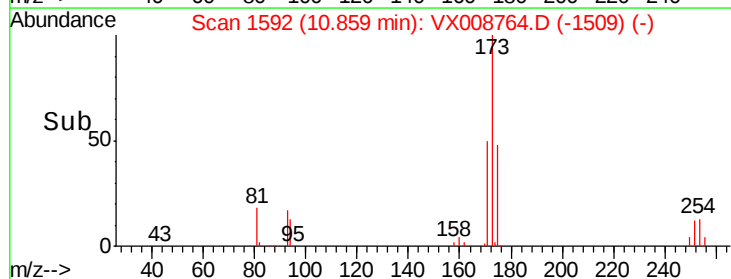
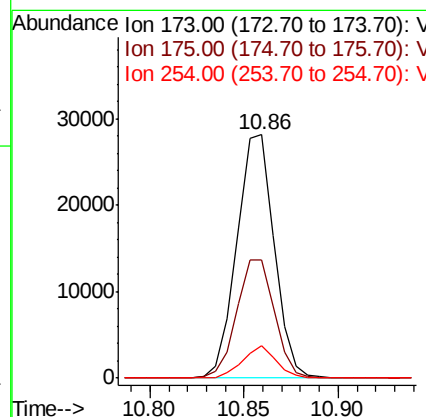
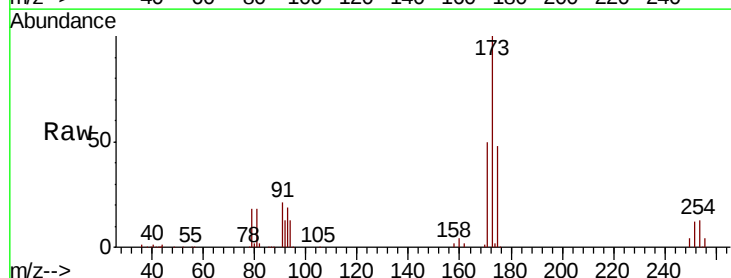
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

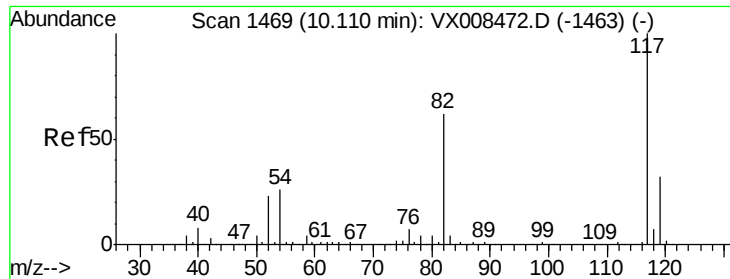
Tgt Ion: 63 Resp: 296354
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.7 38.5
 106 23.9 23.7 35.5



#56
 Bromoform
 Concen: 19.727 ug/l
 RT: 10.86 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 173 Resp: 38870
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.5 57.7
 254 11.9 7.4 11.2#

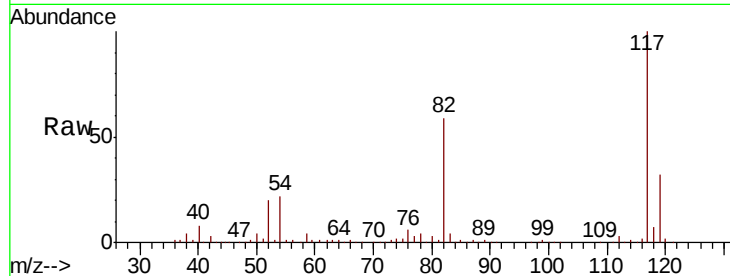




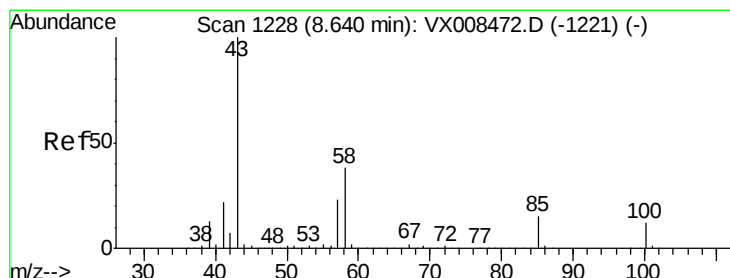
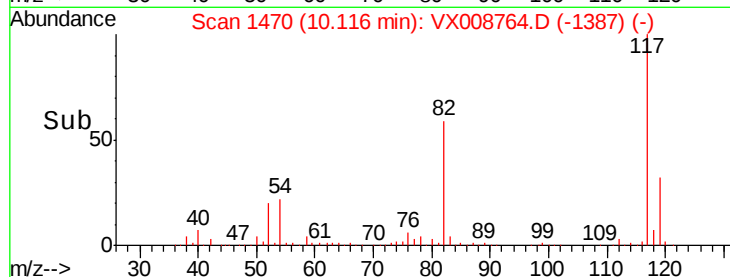
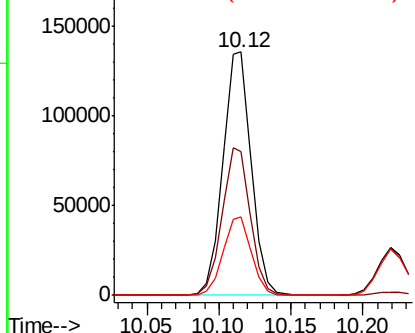
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 117 Resp: 187578
Ion Ratio Lower Upper
117 100
82 60.3 40.4 60.6
119 32.3 25.8 38.6

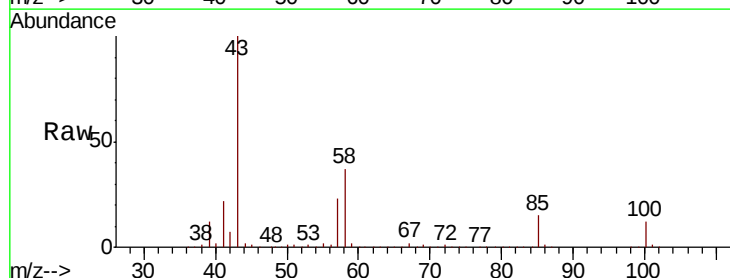


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

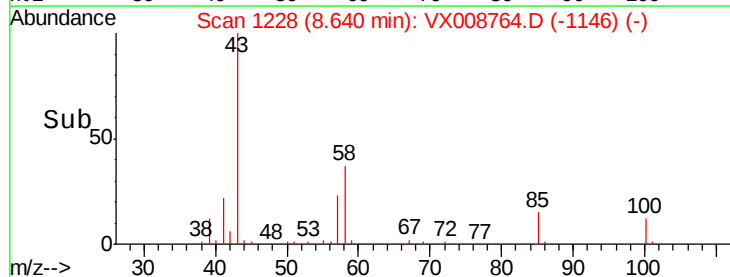
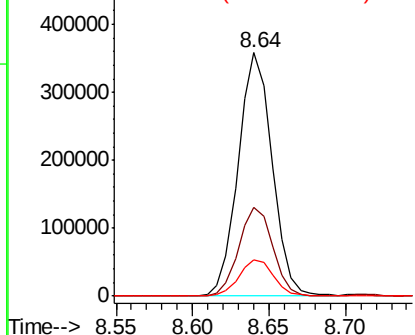


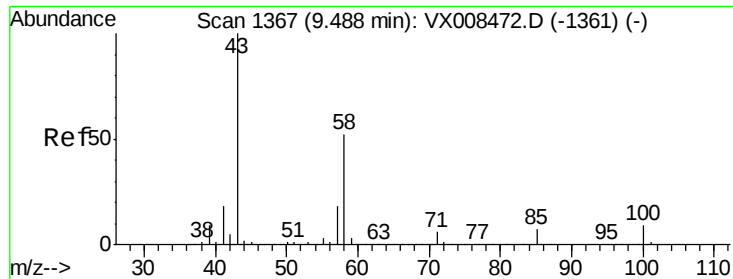
#58
4-Methyl-2-Pentanone
Concen: 111.627 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 43 Resp: 552402
Ion Ratio Lower Upper
43 100
58 36.7 31.4 47.0
85 15.0 15.0 22.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

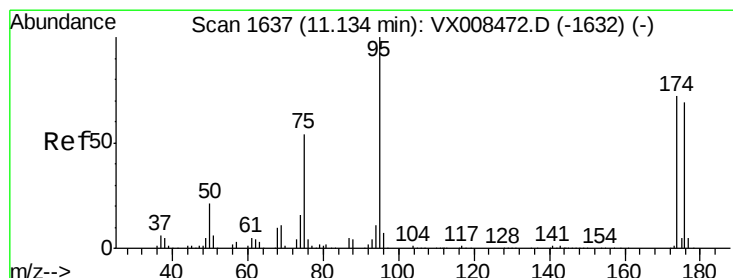
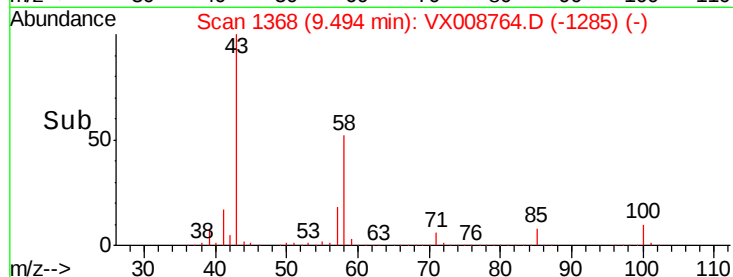
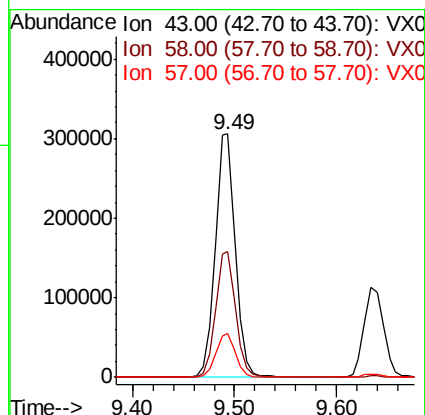
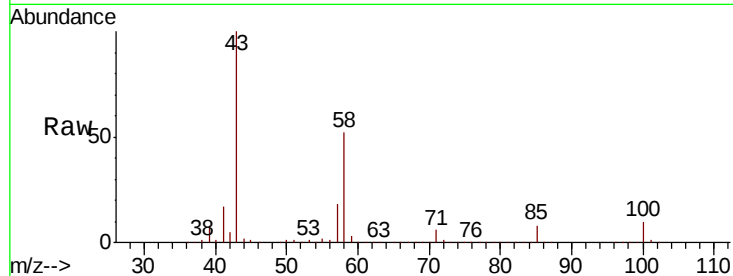




#59
2-Hexanone
Concen: 108.781 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

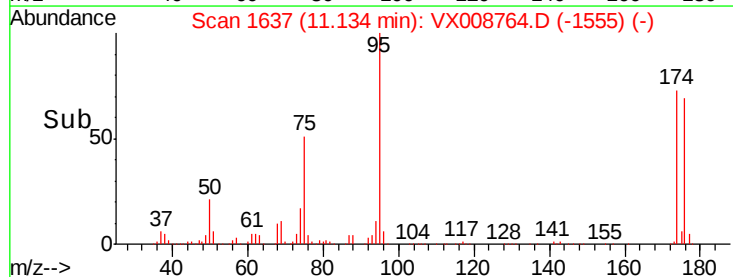
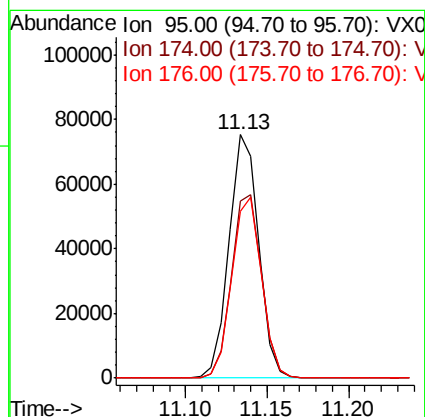
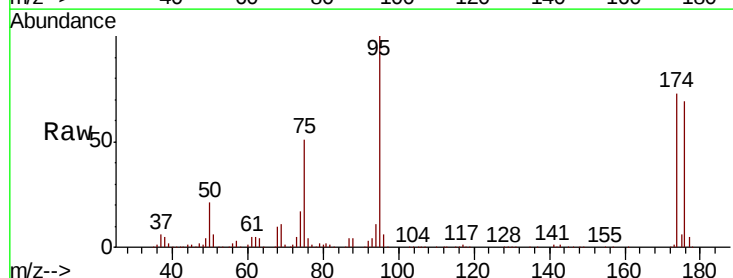
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

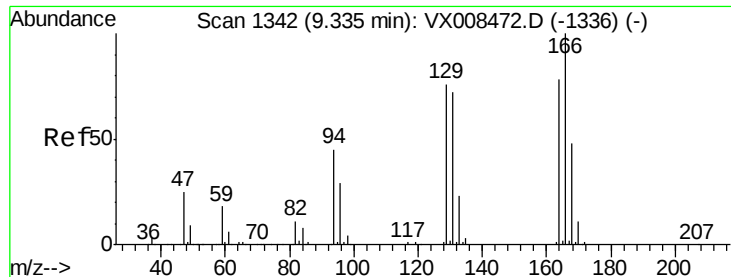
Tgt Ion: 43 Resp: 425295
Ion Ratio Lower Upper
43 100
58 51.6 43.9 65.9
57 17.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 28.905 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 95 Resp: 94469
Ion Ratio Lower Upper
95 100
174 77.1 74.9 112.3
176 75.2 70.7 106.1





#61

Tetrachloroethene

Concen: 23.256 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

Tgt Ion:164 Resp: 47716

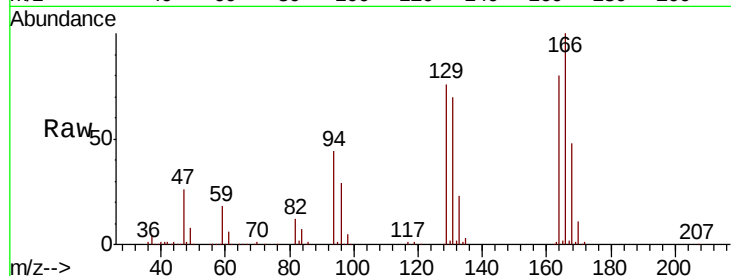
Ion Ratio Lower Upper

164 100

166 125.5 103.9 155.9

129 95.2 74.7 112.1

131 88.0 71.7 107.5



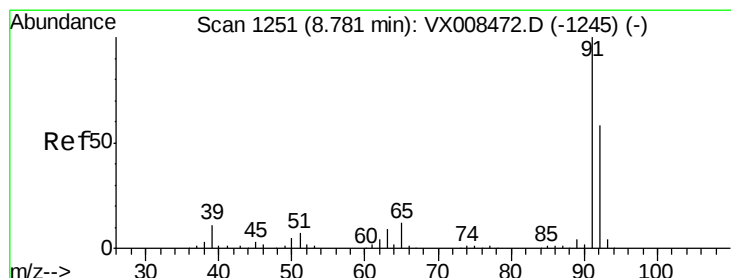
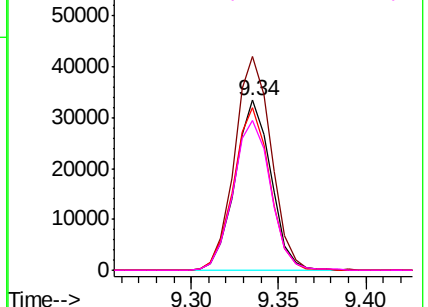
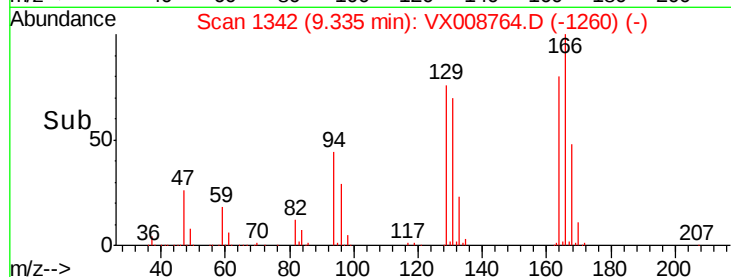
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.983 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008764.D

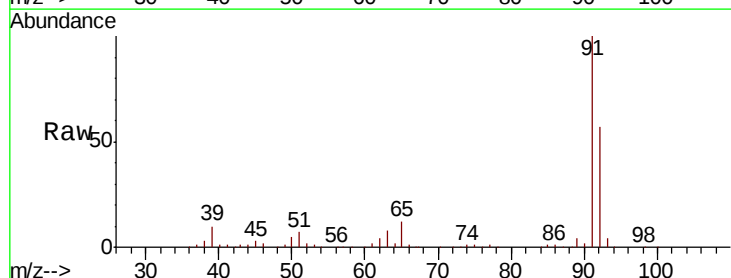
Acq: 09 Apr 2019 11:52

Tgt Ion: 91 Resp: 238297

Ion Ratio Lower Upper

91 100

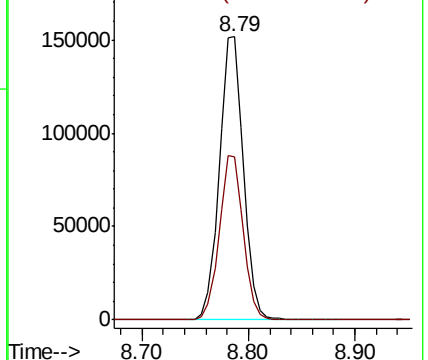
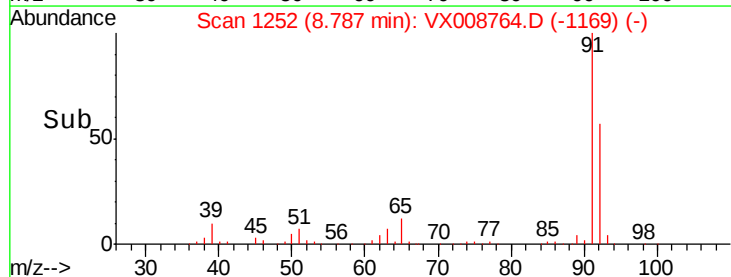
92 57.8 46.4 69.6

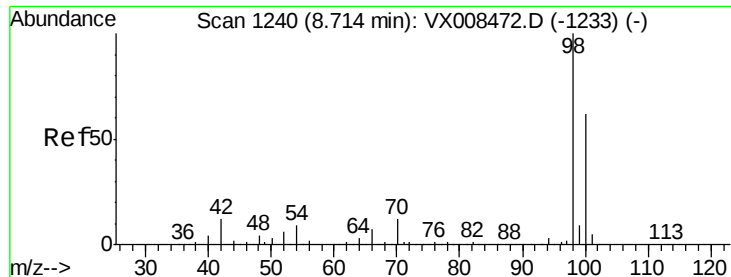


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.685 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

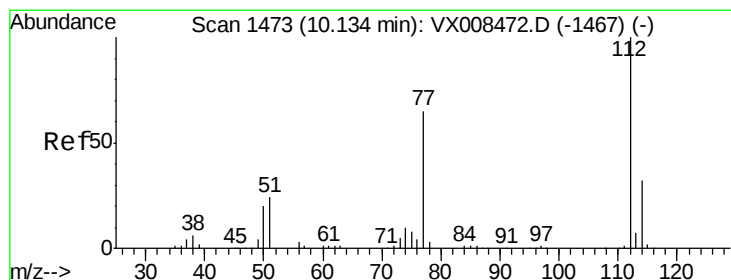
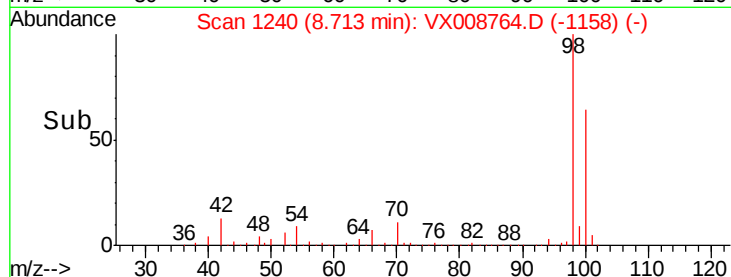
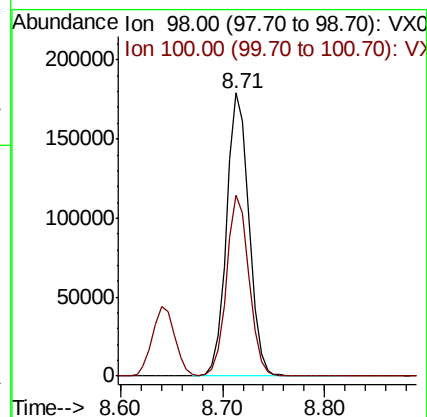
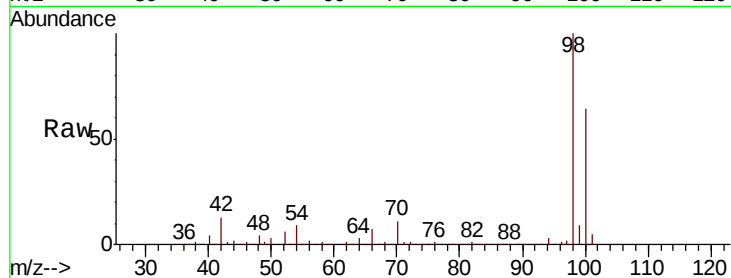
VX0409WBSD01

Tgt Ion: 98 Resp: 273214

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#64

Chlorobenzene

Concen: 20.574 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008764.D

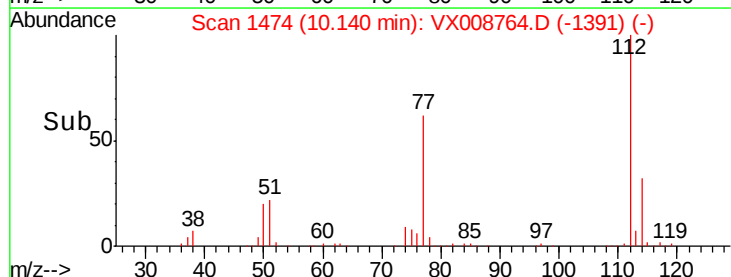
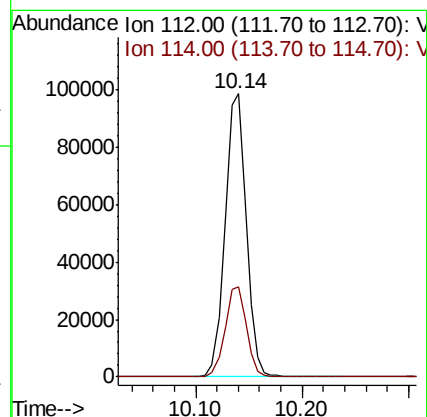
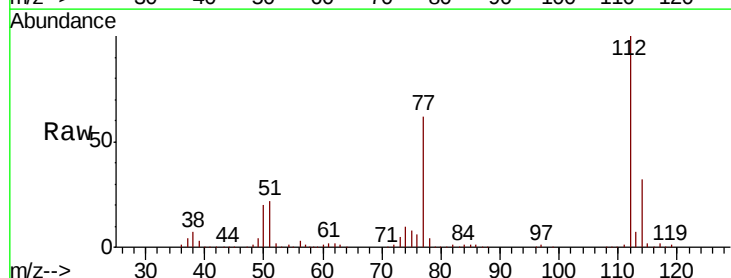
Acq: 09 Apr 2019 11:52

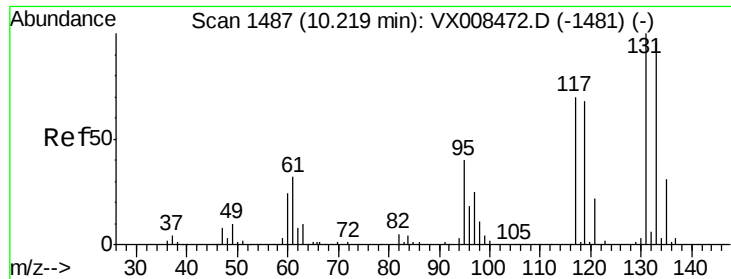
Tgt Ion: 112 Resp: 136915

Ion Ratio Lower Upper

112 100

114 32.0 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 21.624 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

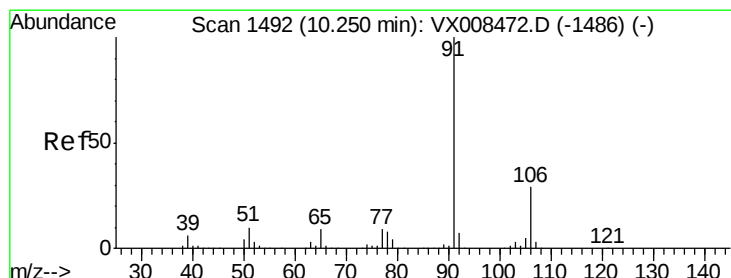
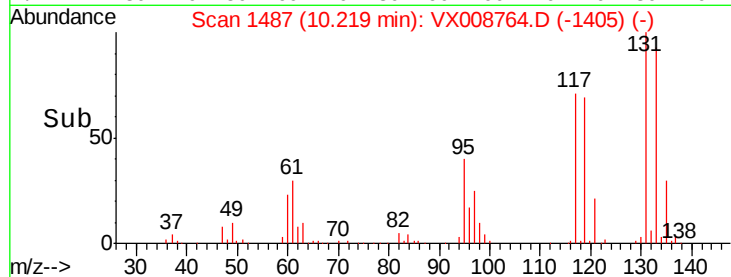
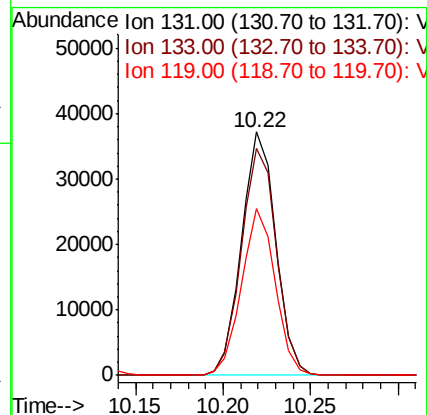
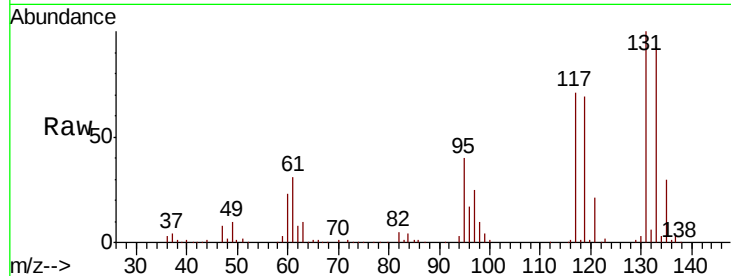
Tgt Ion: 131 Resp: 50735

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.6

119 67.4 0.0 127.4



#66

Ethyl Benzene

Concen: 20.297 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008764.D

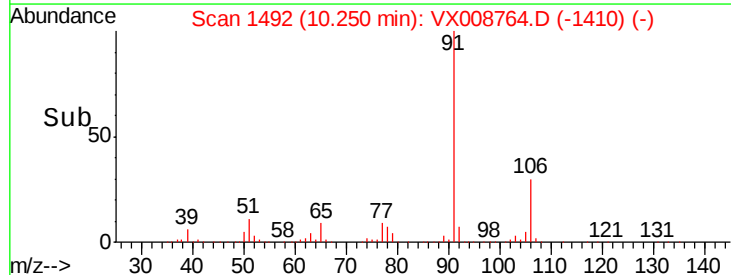
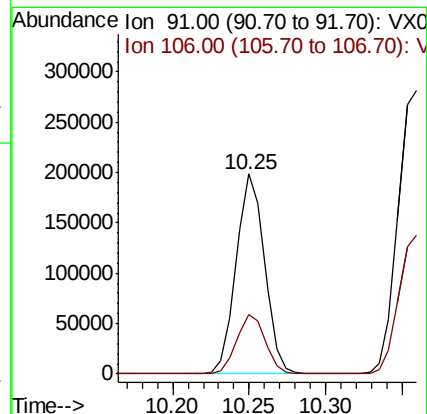
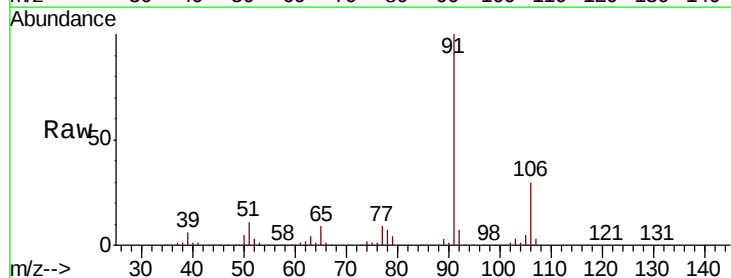
Acq: 09 Apr 2019 11:52

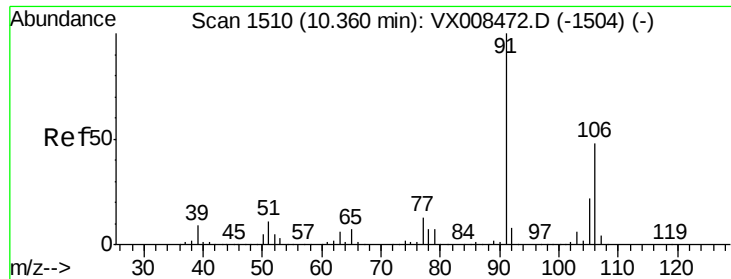
Tgt Ion: 91 Resp: 255866

Ion Ratio Lower Upper

91 100

106 30.0 26.0 39.0

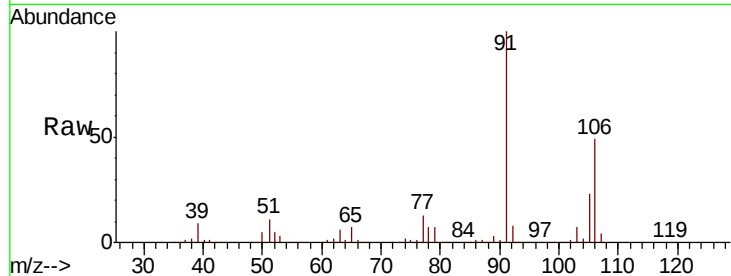




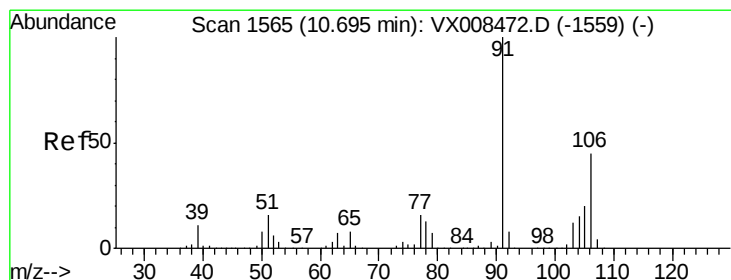
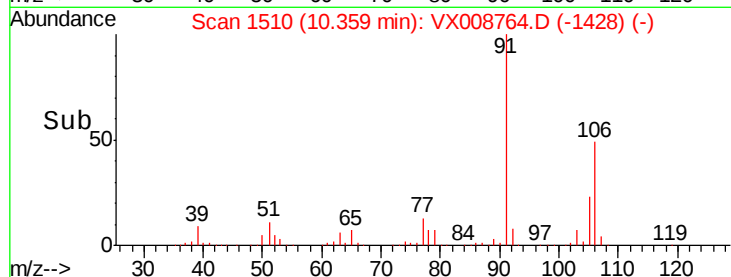
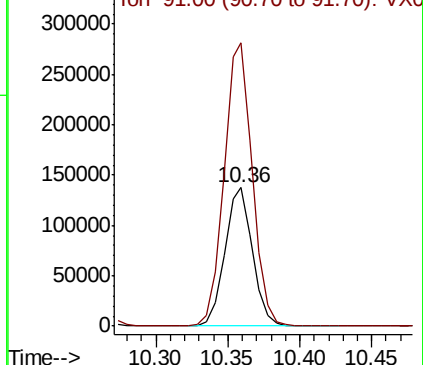
#67
m/p-Xylenes
Concen: 40.179 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:106 Resp: 184738
Ion Ratio Lower Upper
106 100
91 208.1 157.0 235.4

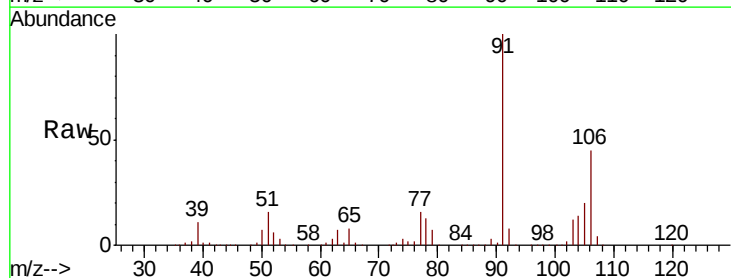


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

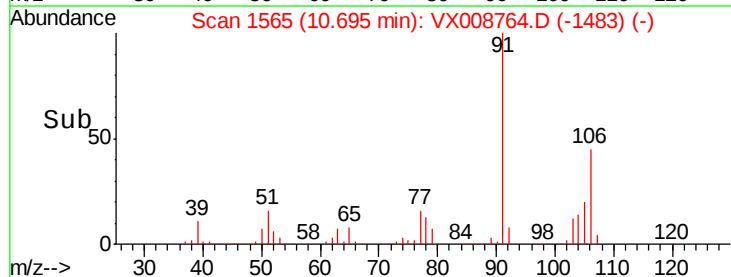
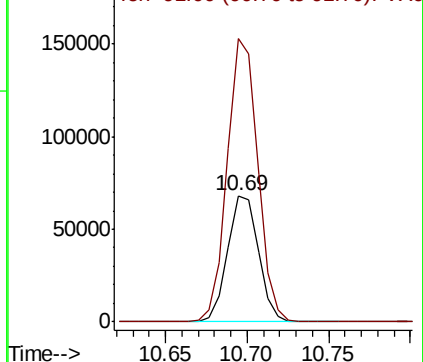


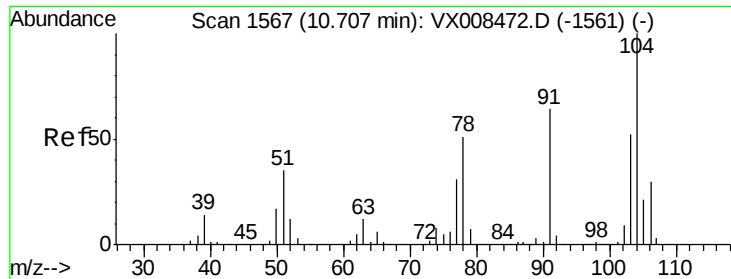
#68
o-Xylene
Concen: 19.980 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion:106 Resp: 89896
Ion Ratio Lower Upper
106 100
91 221.4 104.4 313.2



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

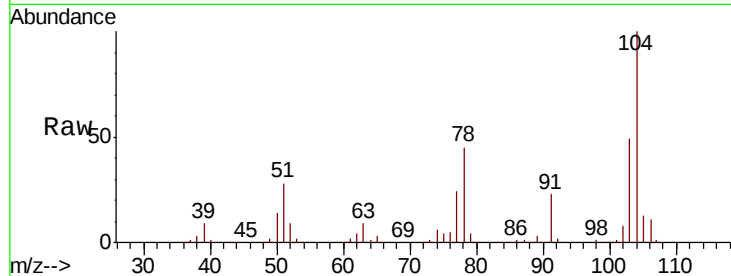




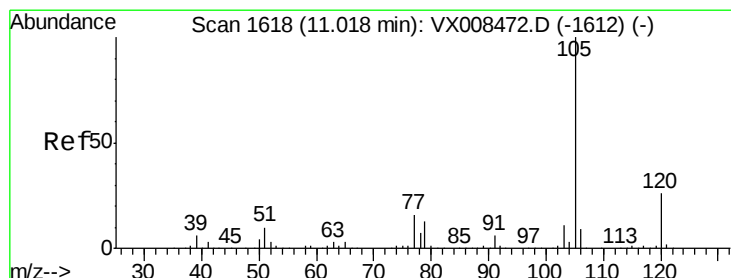
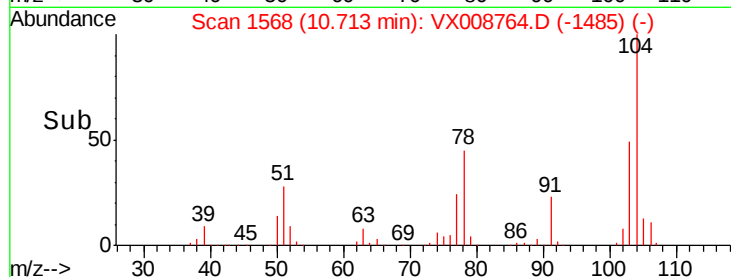
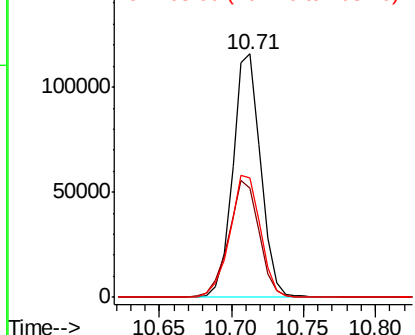
#69
Styrene
Concen: 20.018 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:104 Resp: 156726
Ion Ratio Lower Upper
104 100
78 52.4 38.2 57.2
103 55.2 45.0 67.4

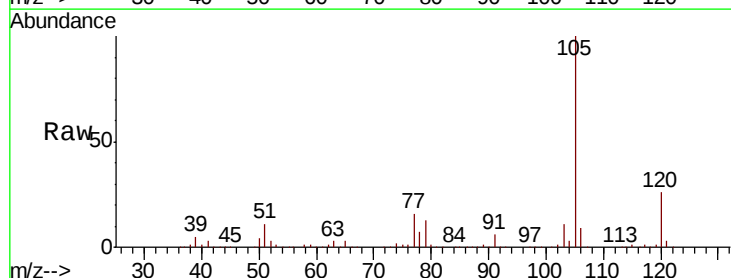


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

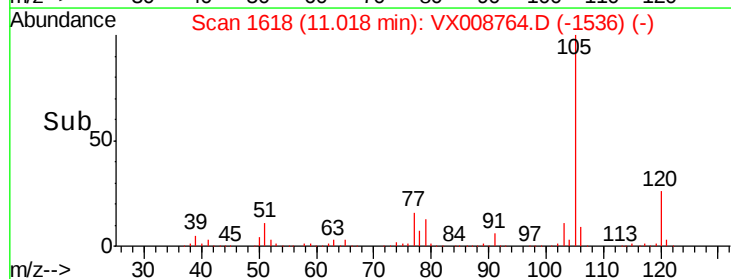
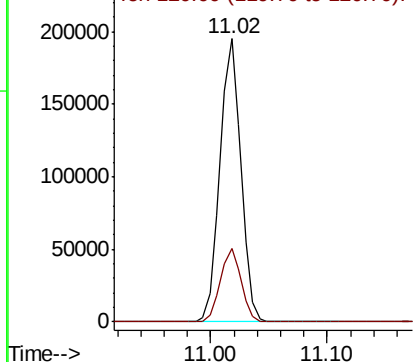


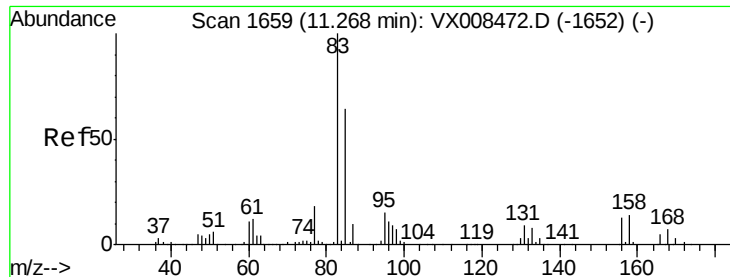
#70
Isopropylbenzene
Concen: 20.354 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion:105 Resp: 241574
Ion Ratio Lower Upper
105 100
120 25.7 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

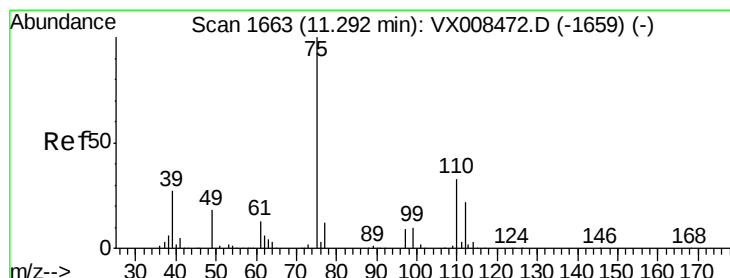
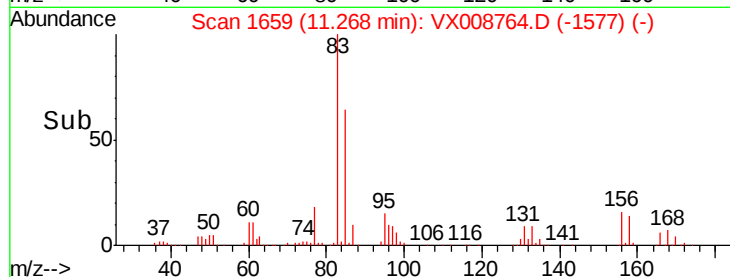
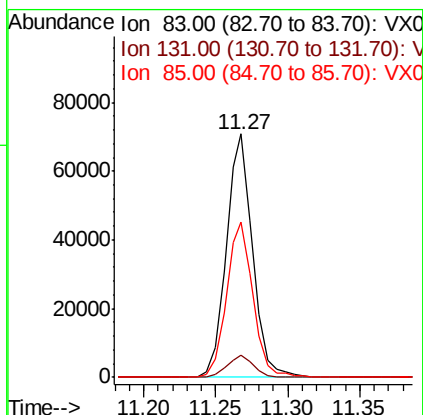
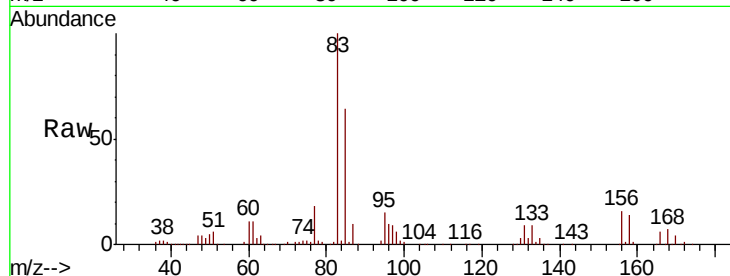




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.399 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

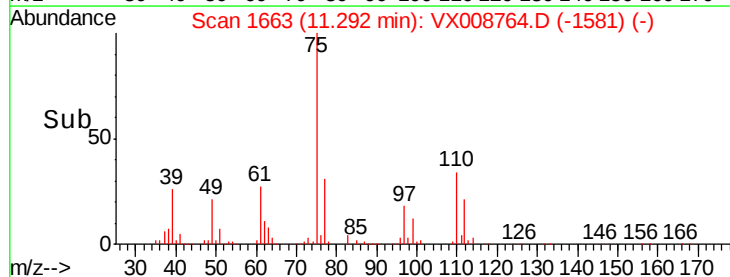
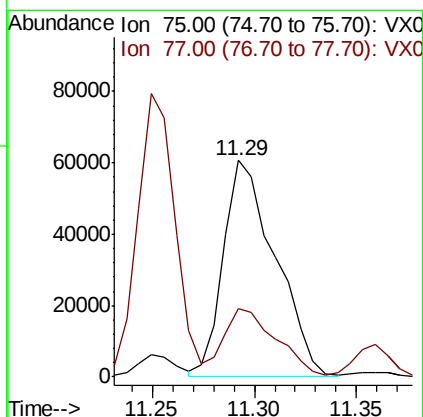
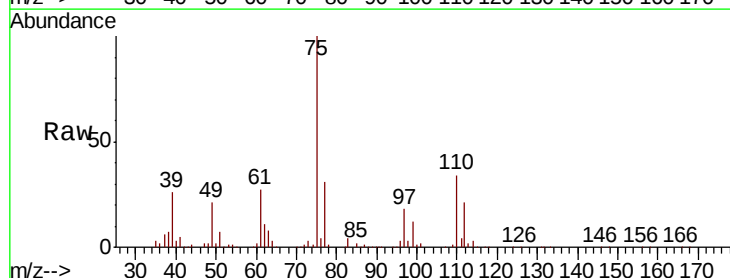
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

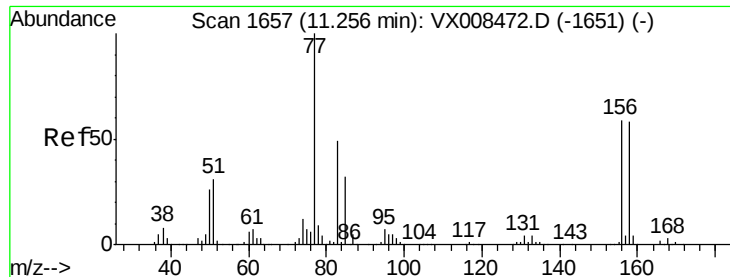
Tgt Ion: 83 Resp: 90447
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.4 16.2
 85 64.3 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 28.716 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 75 Resp: 107620
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 76.4





#73

Bromobenzene

Concen: 20.061 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0409WBSD01

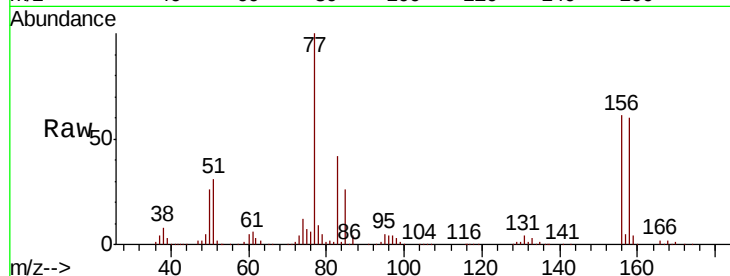
Tgt Ion:156 Resp: 56648

Ion Ratio Lower Upper

156 100

77 178.0 0.0 271.4

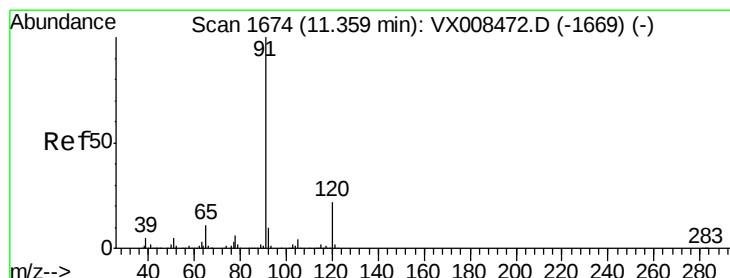
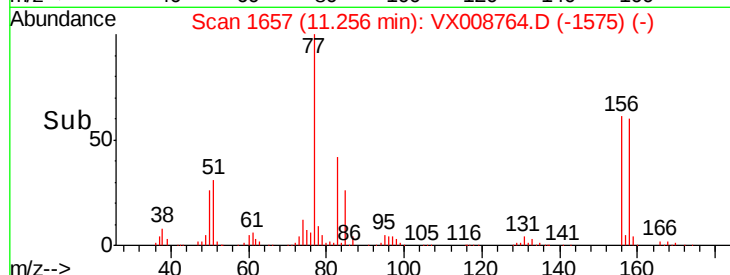
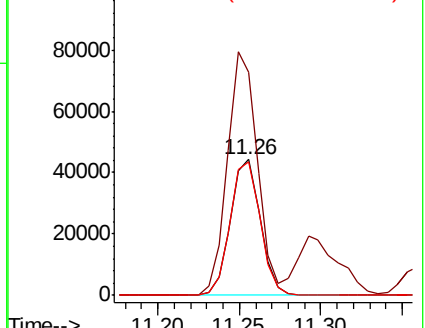
158 98.7 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.955 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008764.D

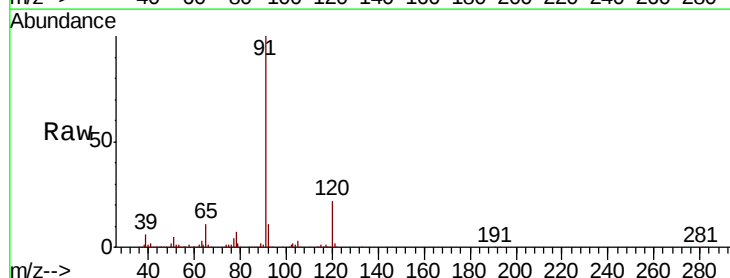
Acq: 09 Apr 2019 11:52

Tgt Ion: 91 Resp: 282152

Ion Ratio Lower Upper

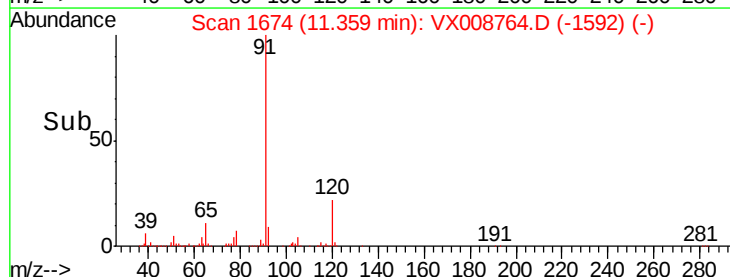
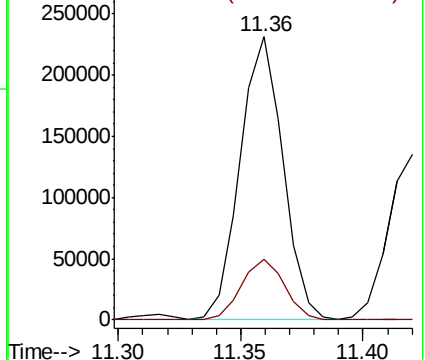
91 100

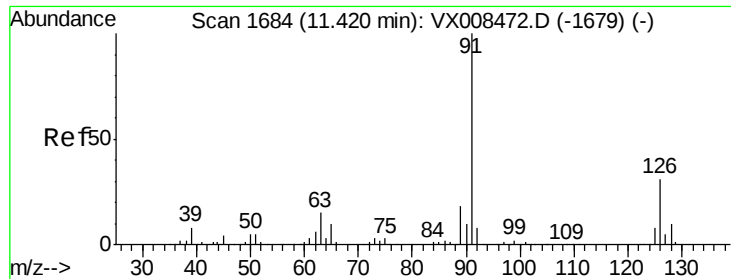
120 21.4 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.879 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

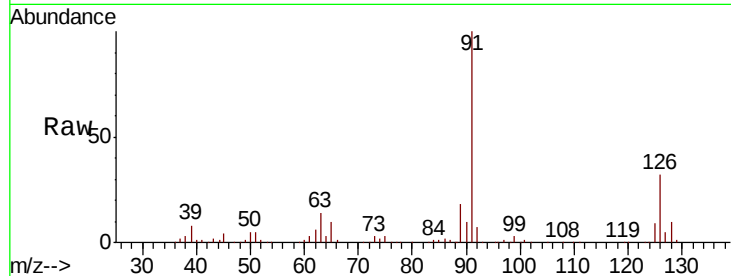
VX0409WBSD01

Tgt Ion: 91 Resp: 167226

Ion Ratio Lower Upper

91 100

126 32.0 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)

250000

200000

150000

100000

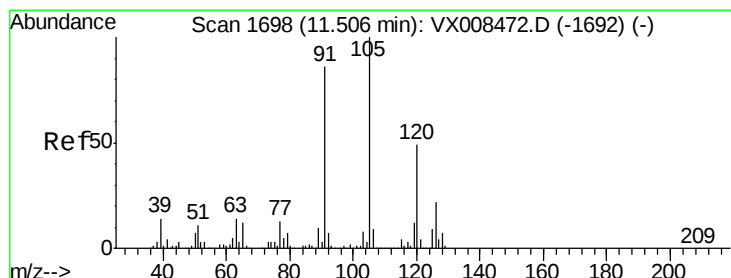
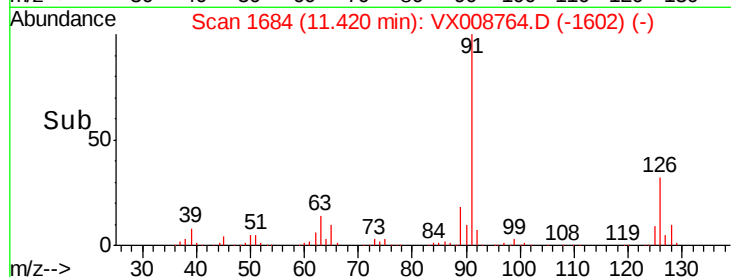
50000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.201 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008764.D

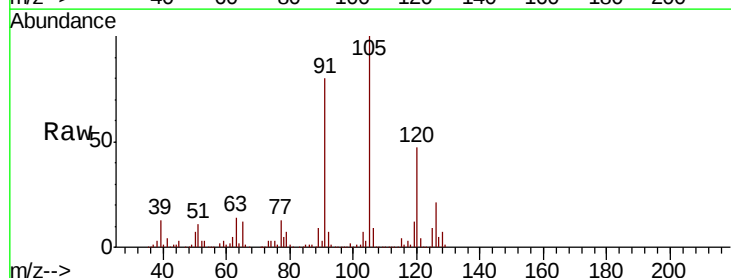
Acq: 09 Apr 2019 11:52

Tgt Ion: 105 Resp: 204978

Ion Ratio Lower Upper

105 100

120 47.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)

200000

150000

100000

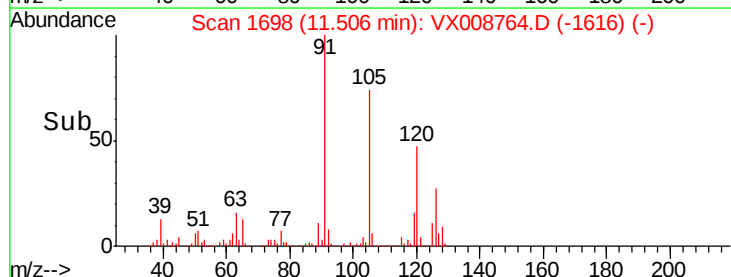
50000

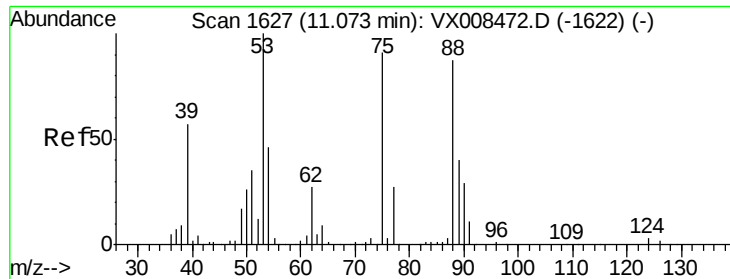
0

11.51

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 21.026 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

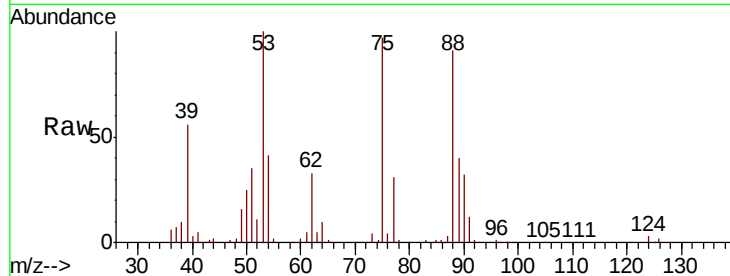
Tgt Ion: 75 Resp: 30227

Ion Ratio Lower Upper

75 100

53 102.8 55.5 166.7

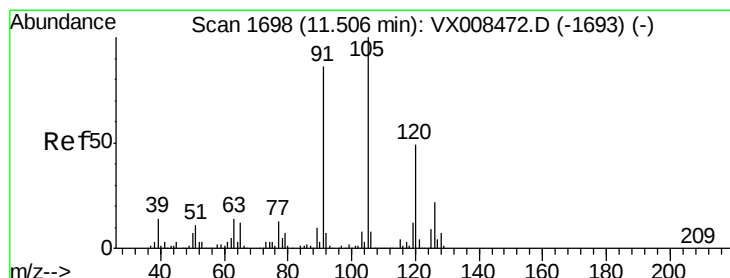
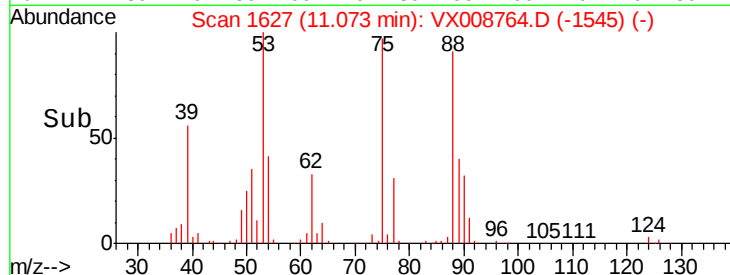
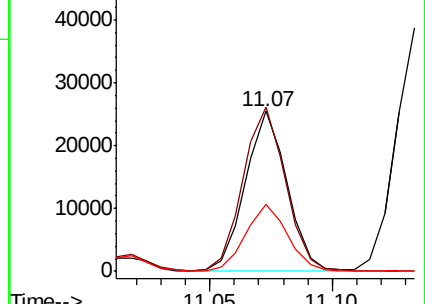
89 41.5 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.419 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008764.D

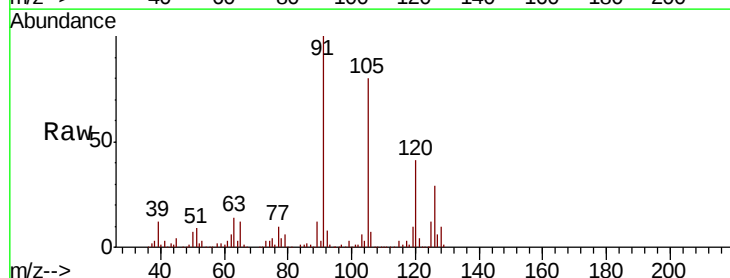
Acq: 09 Apr 2019 11:52

Tgt Ion: 91 Resp: 187999

Ion Ratio Lower Upper

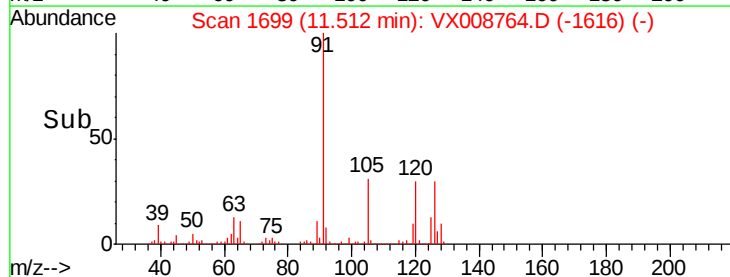
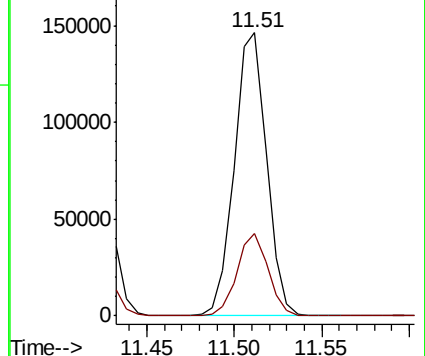
91 100

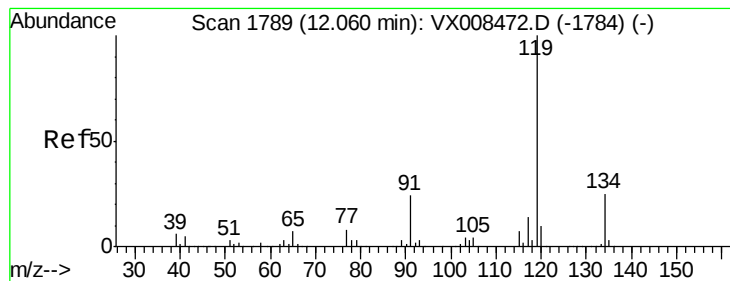
126 28.1 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.960 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

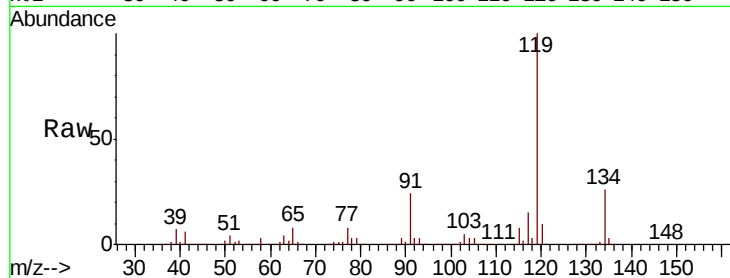
Tgt Ion:119 Resp: 206983

Ion Ratio Lower Upper

119 100

91 23.6 0.0 45.0

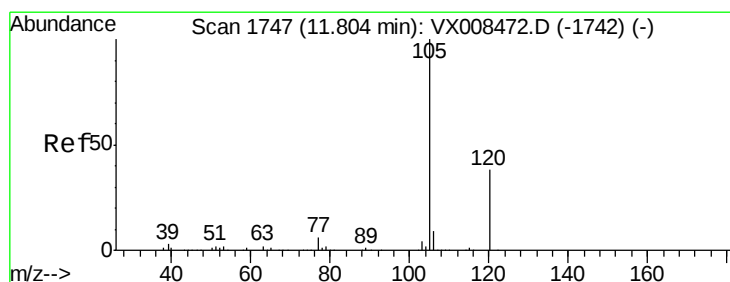
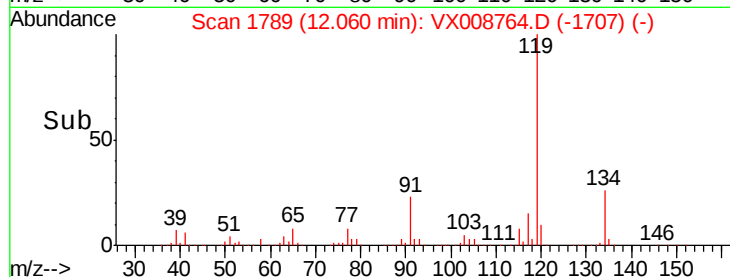
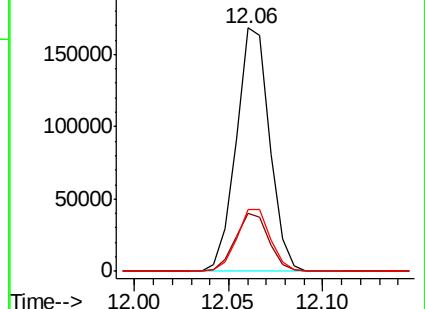
134 25.5 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.009 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008764.D

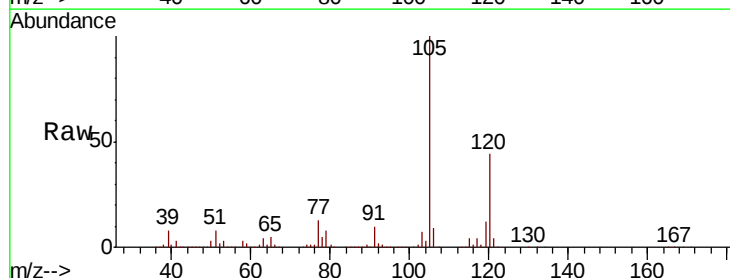
Acq: 09 Apr 2019 11:52

Tgt Ion:105 Resp: 202443

Ion Ratio Lower Upper

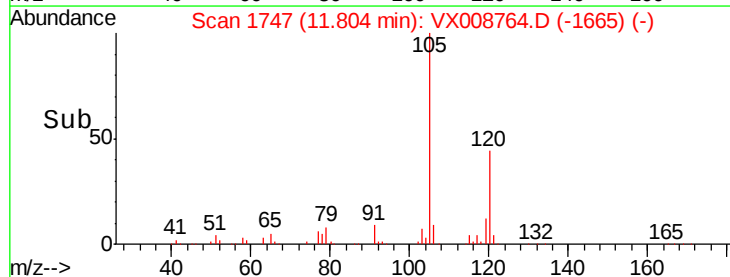
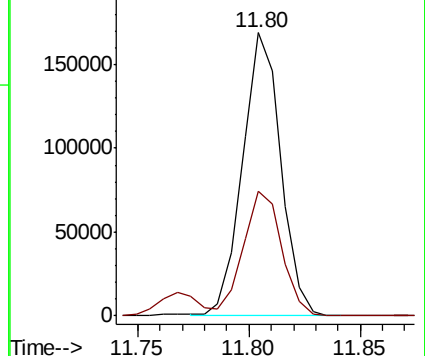
105 100

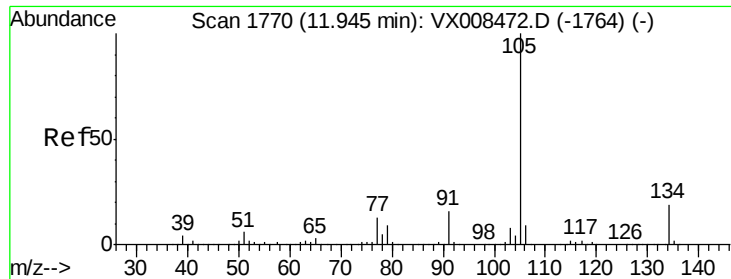
120 44.1 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.968 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

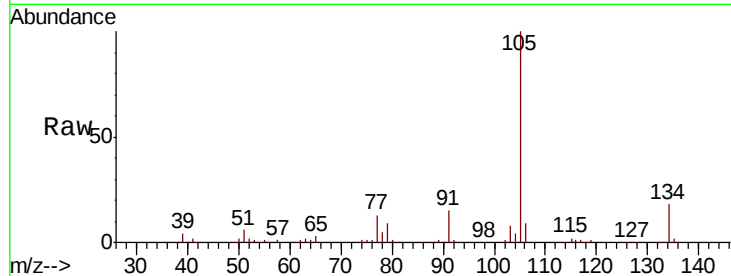
VX0409WBSD01

Tgt Ion:105 Resp: 231496

Ion Ratio Lower Upper

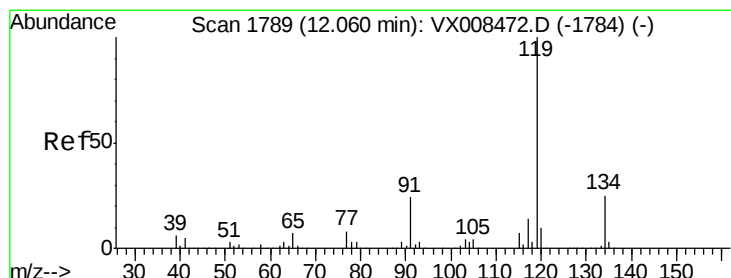
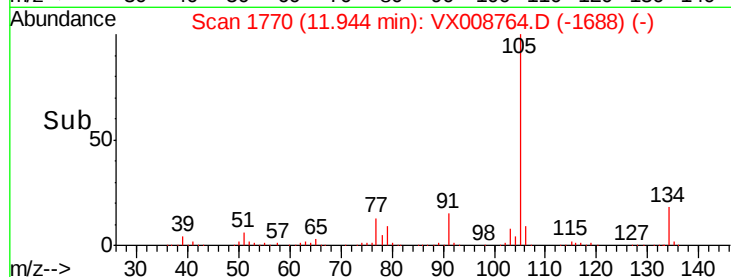
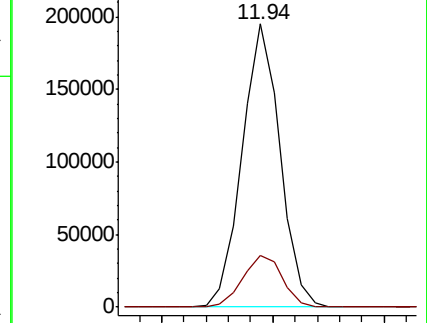
105 100

134 19.1 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.960 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008764.D

Acq: 09 Apr 2019 11:52

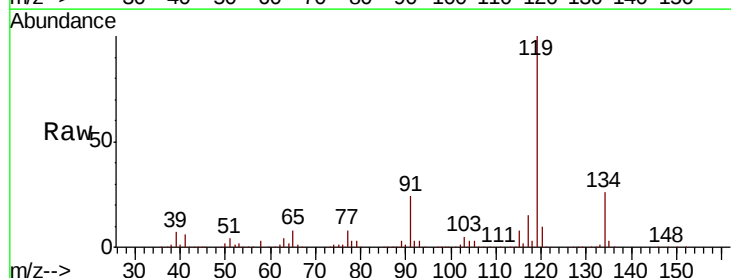
Tgt Ion:119 Resp: 206983

Ion Ratio Lower Upper

119 100

134 25.5 0.0 55.4

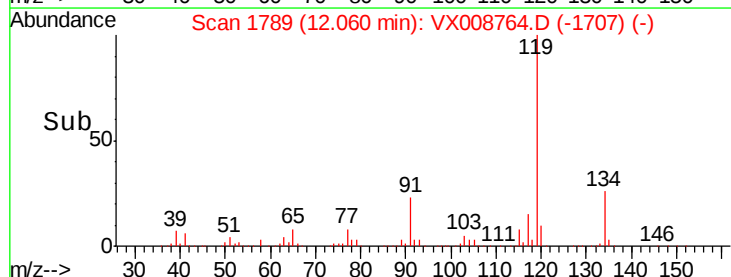
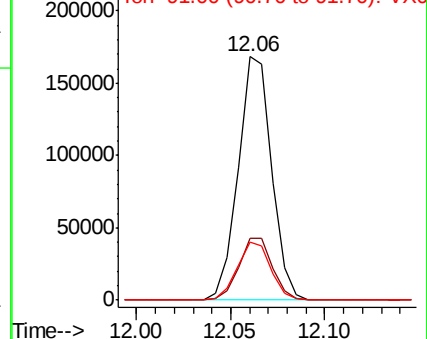
91 23.6 0.0 45.0

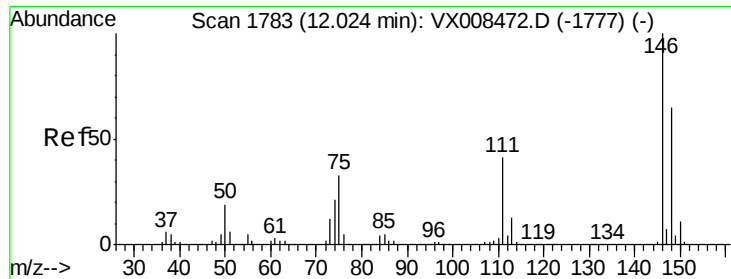


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

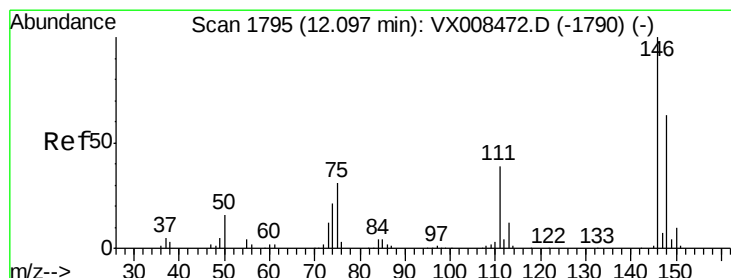
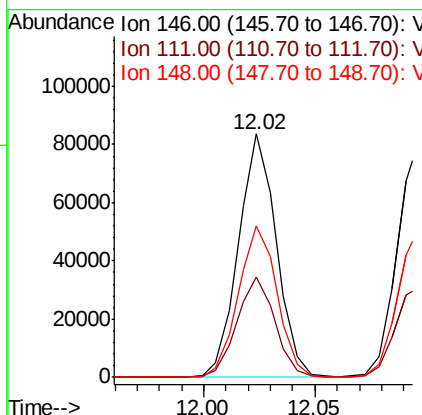
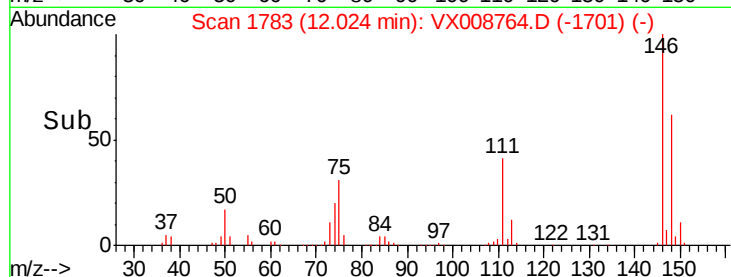
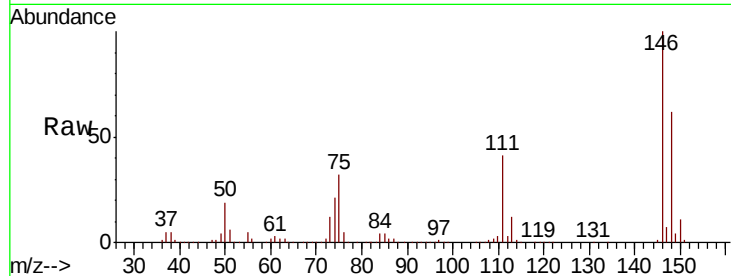




#83
 1,3-Dichlorobenzene
 Concen: 19.808 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

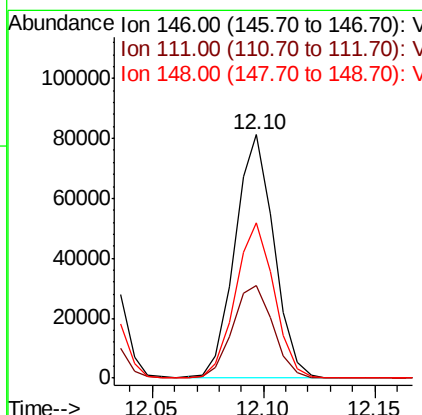
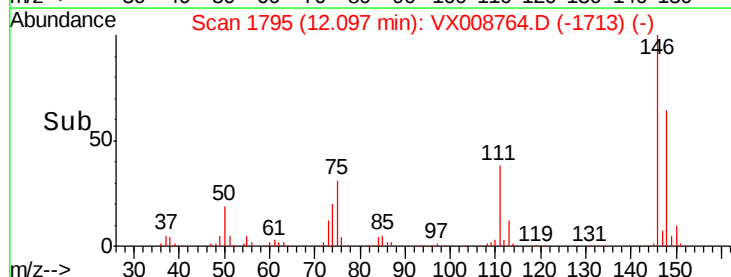
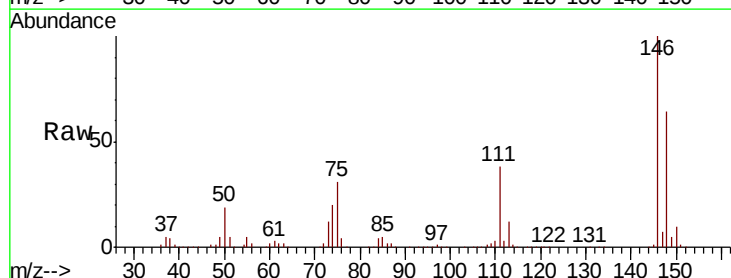
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0409WBSD01

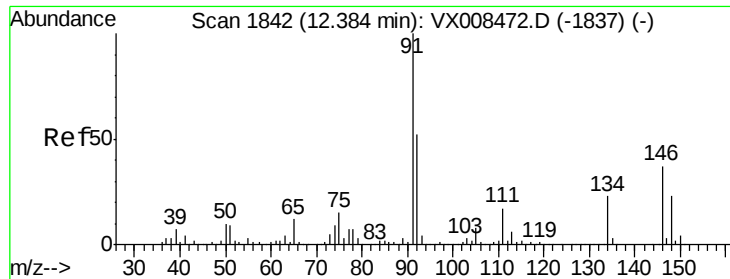
Tgt Ion:146 Resp: 99299
 Ion Ratio Lower Upper
 146 100
 111 41.4 18.8 56.3
 148 63.8 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion:146 Resp: 98884
 Ion Ratio Lower Upper
 146 100
 111 39.4 17.6 52.8
 148 63.8 31.4 94.2

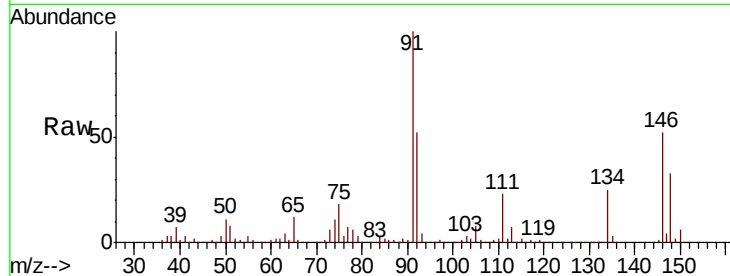




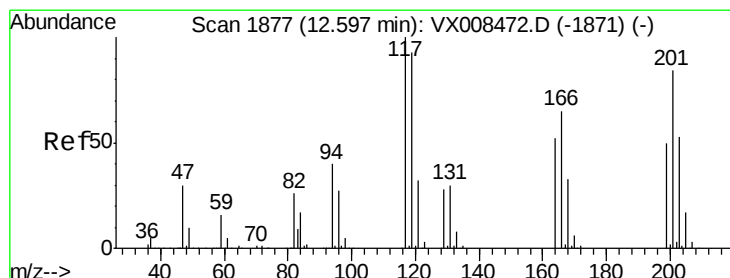
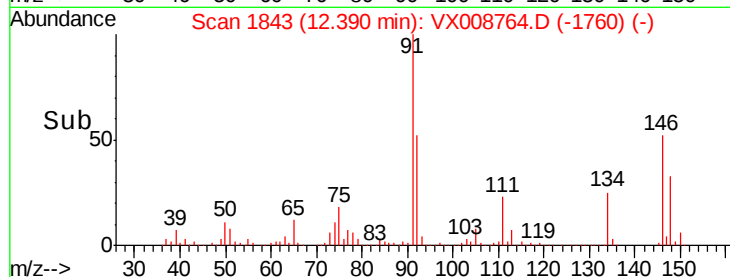
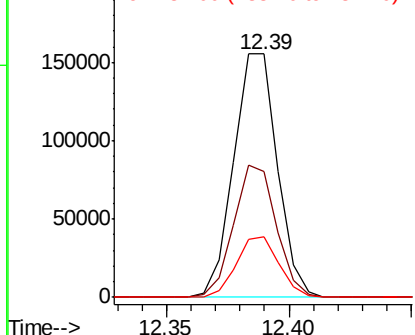
#85
n-Butylbenzene
Concen: 19.540 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 91 Resp: 192519
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 24.4 0.0 56.4

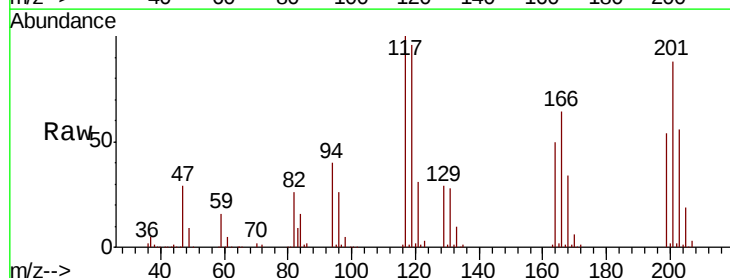


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

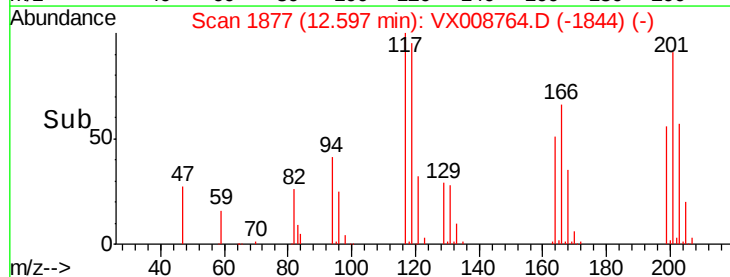
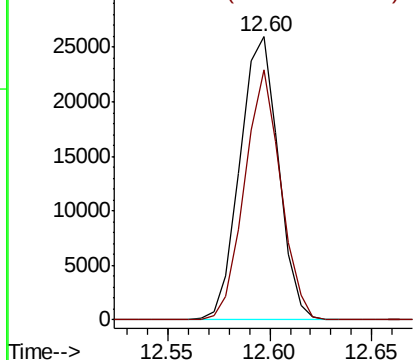


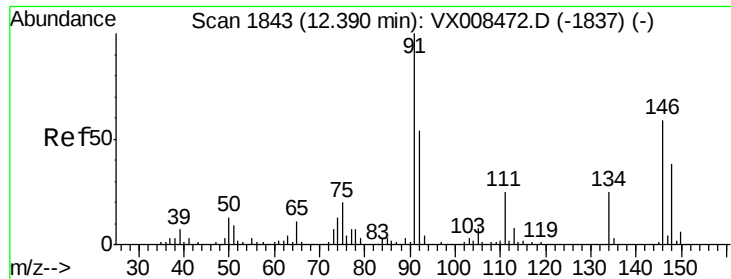
#86
Hexachloroethane
Concen: 19.616 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion: 117 Resp: 33987
Ion Ratio Lower Upper
117 100
201 83.1 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

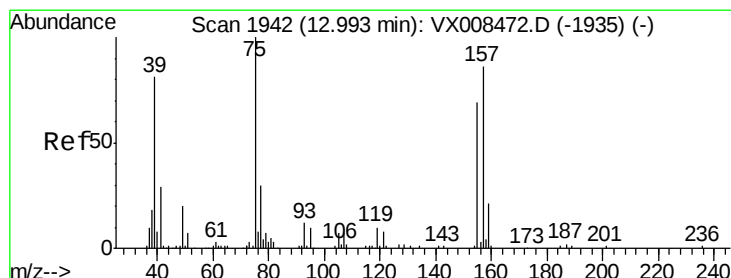
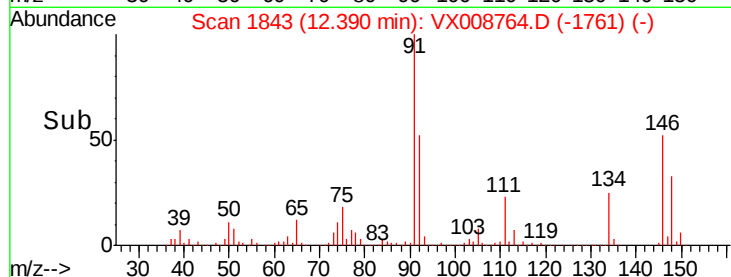
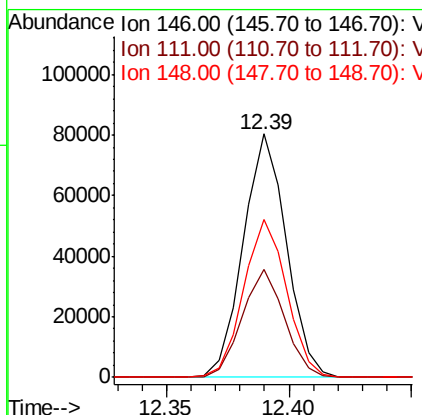
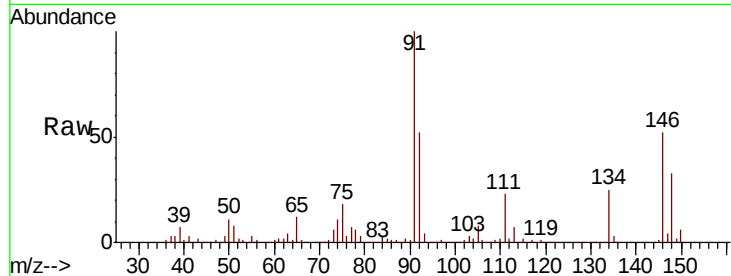




#87
 1,2-Dichlorobenzene
 Concen: 19.460 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

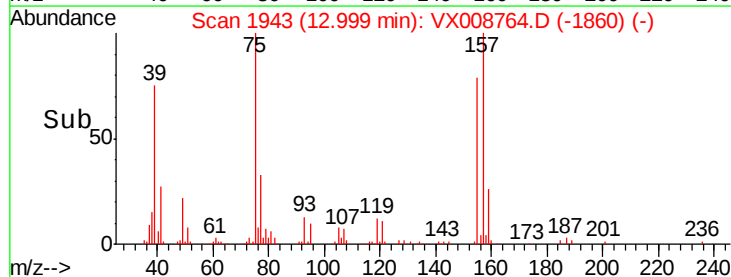
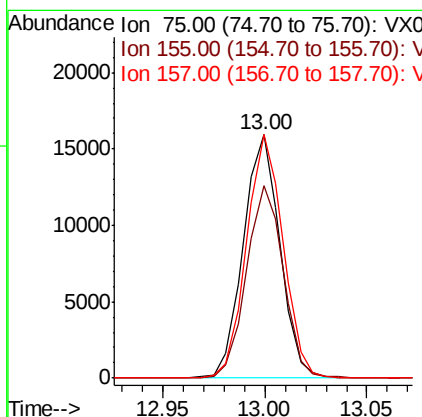
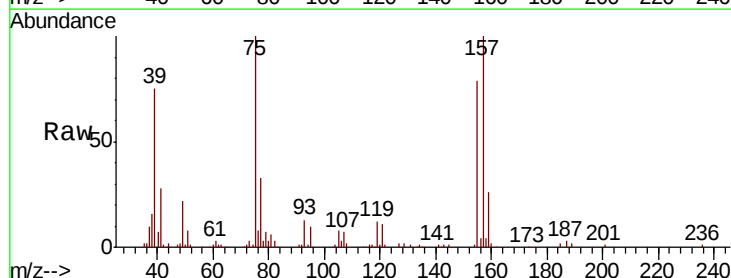
Instrument :
 MSVOA_X
 ClientSampled :
 VX0409WBSD01

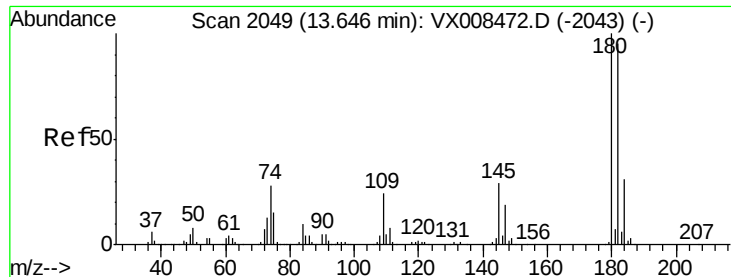
Tgt Ion:146 Resp: 98294
 Ion Ratio Lower Upper
 146 100
 111 43.6 19.3 57.8
 148 64.9 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.220 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion: 75 Resp: 19871
 Ion Ratio Lower Upper
 75 100
 155 79.3 81.0 121.6#
 157 99.8 103.2 154.8#

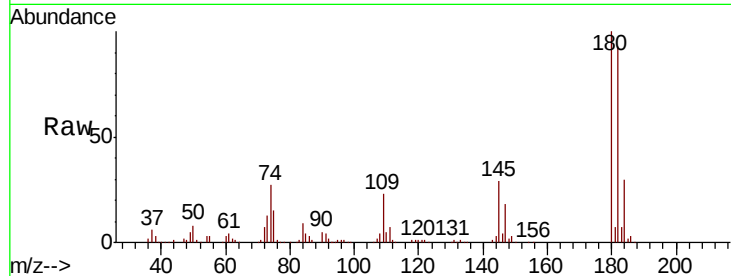




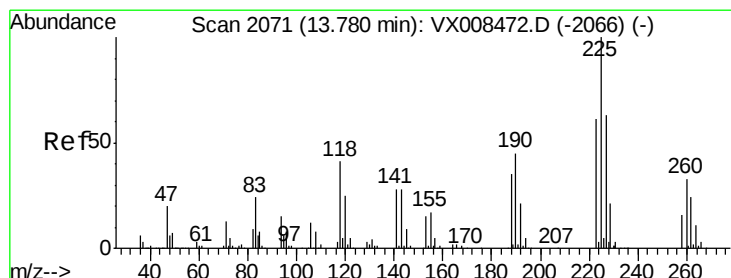
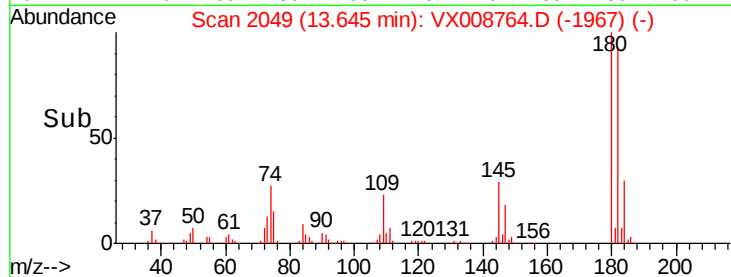
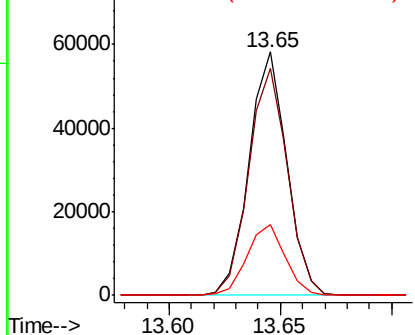
#89
 1,2,4-Trichlorobenzene
 Concen: 19.784 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Tgt Ion:180 Resp: 68934
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 145 29.7 23.0 34.6

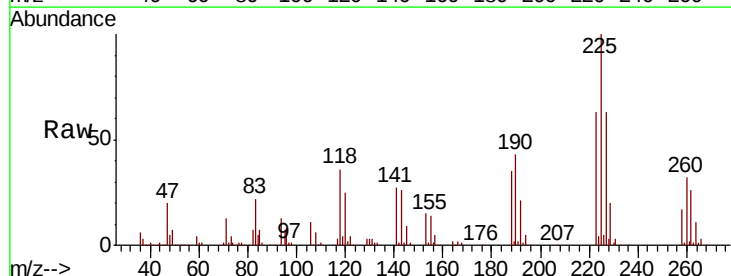


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

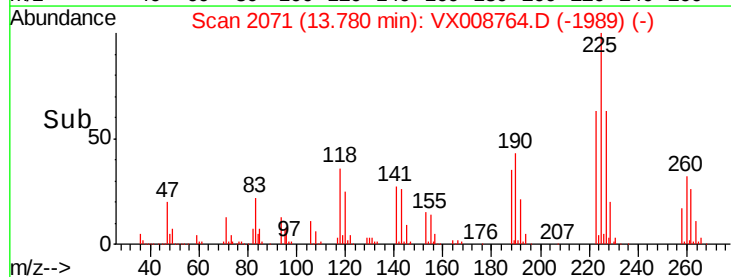
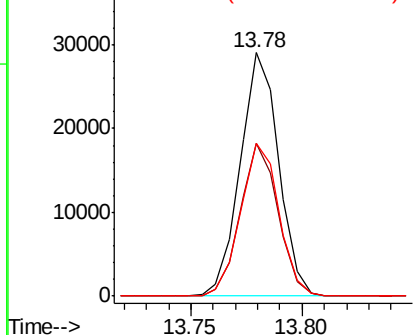


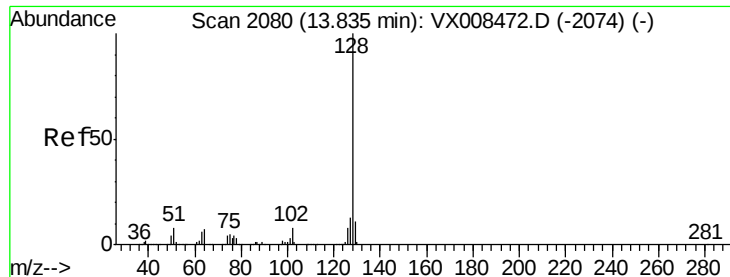
#90
 Hexachlorobutadiene
 Concen: 20.830 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008764.D
 Acq: 09 Apr 2019 11:52

Tgt Ion:225 Resp: 34964
 Ion Ratio Lower Upper
 225 100
 223 62.1 0.0 123.8
 227 63.0 0.0 124.4



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

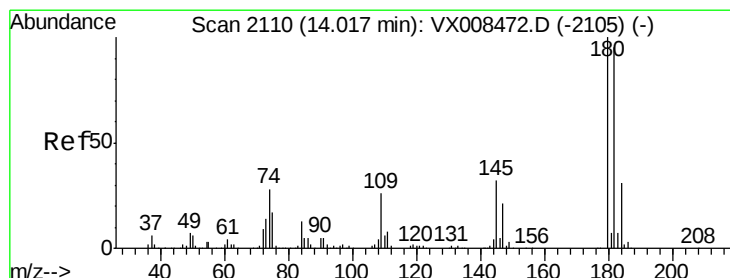
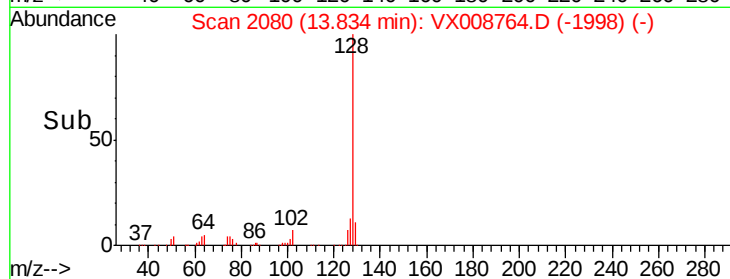
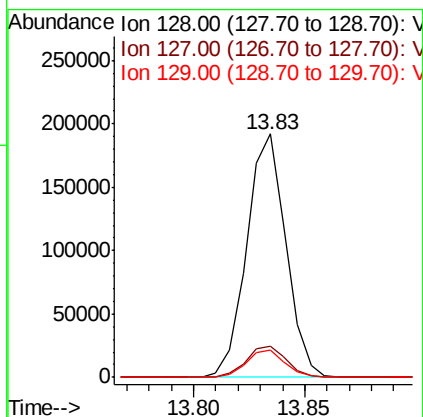
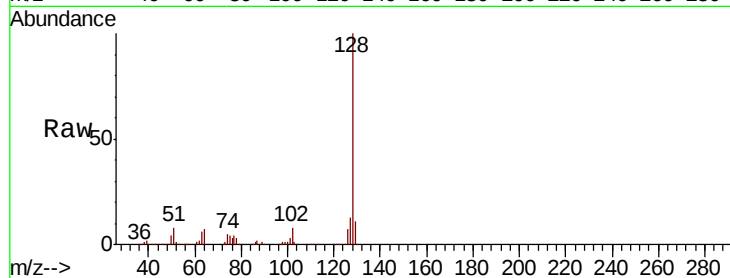




#91
Naphthalene
Concen: 19.718 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:128 Resp: 235389
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.2 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.125 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008764.D
Acq: 09 Apr 2019 11:52

Tgt Ion:180 Resp: 70634
Ion Ratio Lower Upper
180 100
182 94.3 0.0 193.0
145 30.4 0.0 63.0

