

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
 Data File : VX008763.D
 Acq On : 09 Apr 2019 11:29
 Operator : JC/SP
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Quant Time: Apr 09 11:48:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30298	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	173930	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	151800	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74432	29.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.90%
60) 4-Bromofluorobenzene	11.13	95	75204	28.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.77%
63) Toluene-d8	8.71	98	219085	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	38061	18.371 ug/l	99
3) Chloromethane	1.32	50	50420	18.575 ug/l	98
4) Vinyl Chloride	1.40	62	51219	18.720 ug/l	97
5) Bromomethane	1.64	94	25302	17.847 ug/l	98
6) Chloroethane	1.72	64	30189	16.858 ug/l	98
7) Trichlorofluoromethane	1.93	101	59505	19.594 ug/l	98
8) Diethyl Ether	2.19	74	28072	19.601 ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38167	20.181 ug/l	93
10) 1,1-Dichloroethene	2.37	96	38758	20.201 ug/l	88
11) Methyl Iodide	2.51	142	35046	17.640 ug/l	96
12) Methyl Acetate	3.20	43	32476	20.884 ug/l	92
13) Acrolein	2.29	56	49517	110.996 ug/l	99
14) Acrylonitrile	3.14	53	162784	113.225 ug/l	100
15) Acetone	2.45	58	47130	106.304 ug/l	94
16) Carbon Disulfide	2.57	76	108875	18.241 ug/l	98
17) Allyl chloride	2.73	41	92066	21.351 ug/l	89
18) Methylene Chloride	2.85	84	47565	20.739 ug/l	89
19) trans-1,2-Dichloroethene	3.17	96	41279	20.138 ug/l	90
20) Diisopropyl ether	3.86	45	179930	21.438 ug/l #	95
21) 1,1-Dichloroethane	3.70	63	88790	21.076 ug/l	96
22) cis-1,2-Dichloroethene	4.59	96	49402	20.856 ug/l #	82
23) tert-Butyl Alcohol	3.05	59	63494	109.368 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	148127	21.007 ug/l	99
25) Chloroform	5.21	83	79905	20.939 ug/l	95
26) Cyclohexane	5.58	56	83890	20.497 ug/l #	83
29) 1,1-Dichloropropene	5.80	75	61532	21.029 ug/l	93
30) 2-Butanone	4.68	43	245727	114.201 ug/l	93
31) 2,2-Dichloropropane	4.58	77	62473	21.377 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	63492	20.895 ug/l #	94
33) Carbon Tetrachloride	5.79	117	52634	20.703 ug/l	97
34) Benzene	6.14	78	189508	21.187 ug/l #	96
35) Methacrylonitrile	5.04	41	50387	23.027 ug/l	87
36) 1,2-Dichloroethane	6.20	62	68332	21.428 ug/l	97
37) Trichloroethene	7.21	130	43265	21.033 ug/l	83
38) Methylcyclohexane	7.46	83	75049	20.354 ug/l	87
39) 1,2-Dichloropropane	7.51	63	54037	21.300 ug/l	97
40) Dibromomethane	7.66	93	30781	20.945 ug/l	90

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	59743	20.675	ug/l	98
42) Vinyl Acetate	3.81	43	806240	110.533	ug/l #	93
44) Isopropyl Acetate	6.45	43	137808	22.006	ug/l	98
45) 1,4-Dioxane	7.74	88	25972	416.623	ug/l #	84
46) Methyl methacrylate	7.77	41	69149	21.742	ug/l	84
47) n-amyl Acetate	10.90	43	116912	20.553	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	67102	20.559	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	76174	20.865	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	46169	21.158	ug/l	97
51) Ethyl methacrylate	9.18	69	84520	20.814	ug/l	89
52) 1,3-Dichloropropane	9.37	76	82081	21.143	ug/l	100
53) Dibromochloromethane	9.58	129	43682	20.342	ug/l	100
54) 1,2-Dibromoethane	9.67	107	47161	20.965	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	202910	99.046	ug/l	95
56) Bromoform	10.85	173	31432	20.085	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	462851	115.576	ug/l #	94
59) 2-Hexanone	9.49	43	358432	113.287	ug/l	96
61) Tetrachloroethene	9.34	164	38225	23.021	ug/l	98
62) Toluene	8.78	91	197072	21.442	ug/l	99
64) Chlorobenzene	10.14	112	112933	20.970	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	40755	21.465	ug/l	98
66) Ethyl Benzene	10.25	91	212183	20.799	ug/l	96
67) m/p-Xylenes	10.36	106	151812	40.800	ug/l	91
68) o-Xylene	10.70	106	74375	20.426	ug/l	92
69) Styrene	10.71	104	128348	20.258	ug/l	96
70) Isopropylbenzene	11.02	105	198623	20.680	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	76519	21.326	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	90975	29.996	ug/l	90
73) Bromobenzene	11.26	156	47303	20.700	ug/l	81
74) n-propylbenzene	11.36	91	230374	20.133	ug/l	95
75) 2-Chlorotoluene	11.42	91	137186	20.152	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	166772	20.309	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24202	20.803	ug/l	97
78) 4-Chlorotoluene	11.51	91	154969	19.780	ug/l	91
79) tert-butylbenzene	12.06	119	169656	20.217	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	167935	20.511	ug/l	95
81) sec-Butylbenzene	11.94	105	188114	20.050	ug/l	97
82) p-Isopropyltoluene	12.06	119	169656	20.217	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	82453	20.324	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	80827	19.937	ug/l	95
85) n-Butylbenzene	12.39	91	157484	19.751	ug/l	97
86) Hexachloroethane	12.60	117	28256	20.152	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	82980	20.300	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16635	20.917	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	56858	20.165	ug/l	99
90) Hexachlorobutadiene	13.78	225	28707	21.133	ug/l	98
91) Naphthalene	13.83	128	193409	20.020	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56763	19.985	ug/l	100

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ClientSampleId :
VX0409WBS01

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

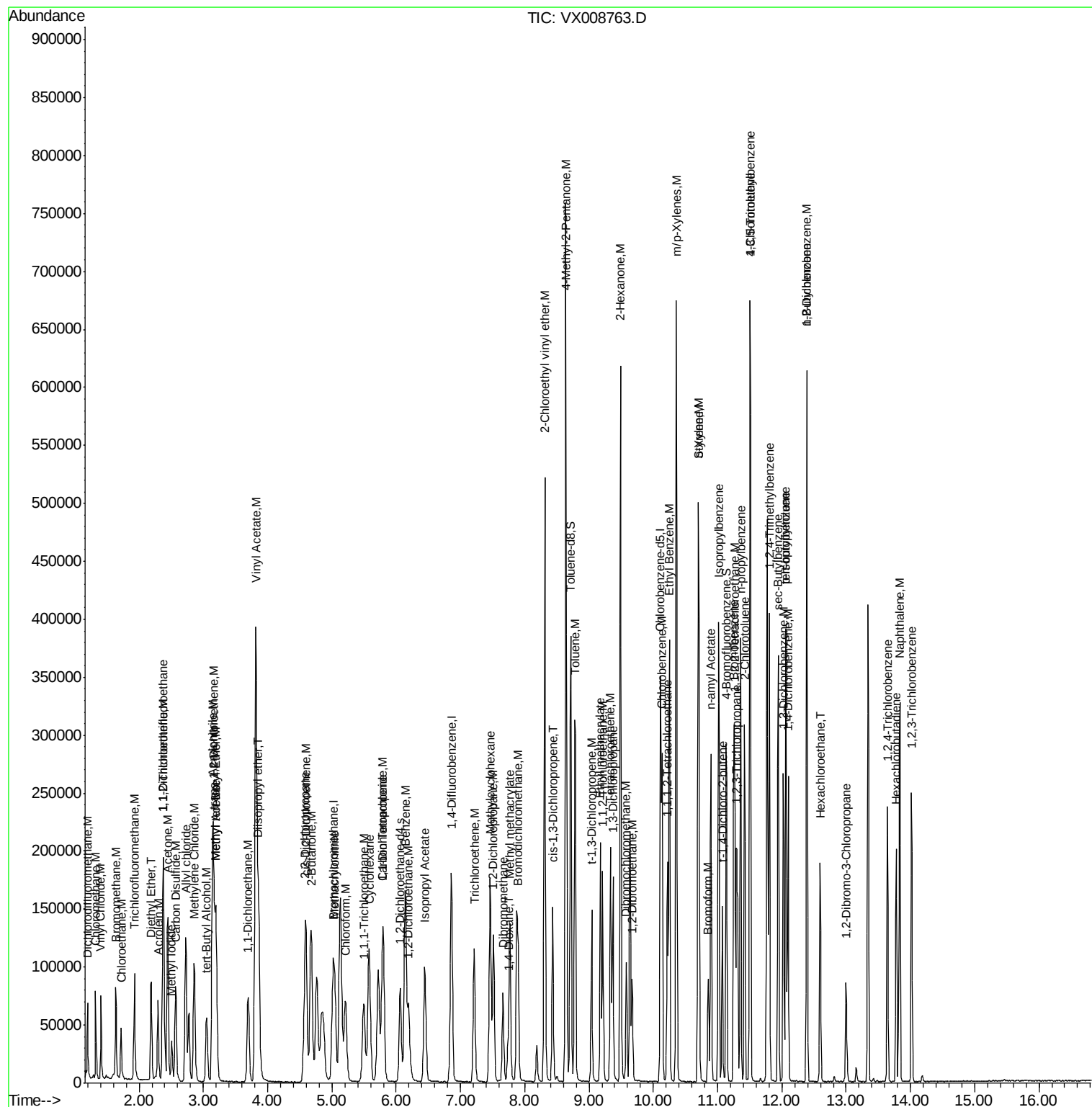
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

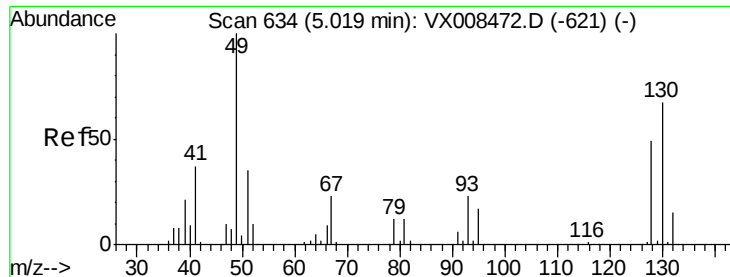
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008763.D
Acq On : 09 Apr 2019 11:29
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Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VX0409WBS01

Quant Time: Apr 09 11:48:27 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: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

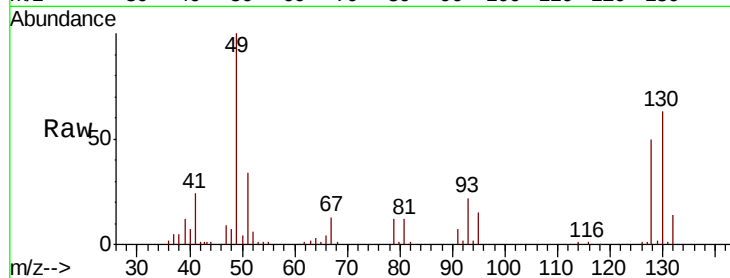
Tgt Ion:128 Resp: 30298

Ion Ratio Lower Upper

128 100

49 205.6 0.0 350.8

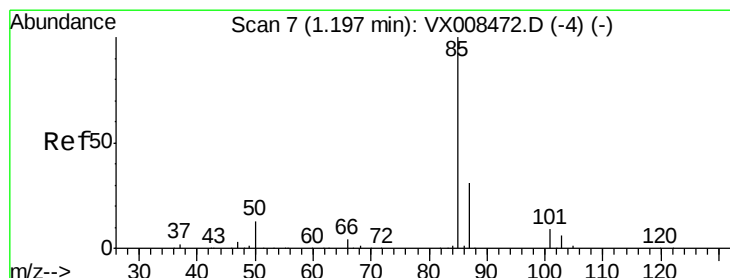
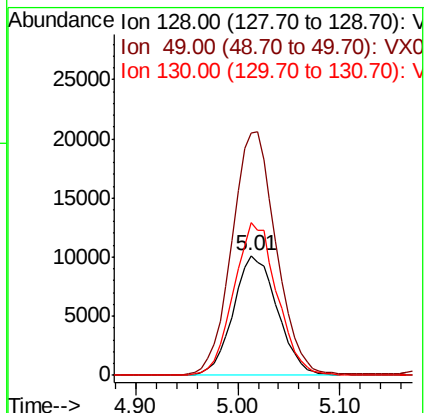
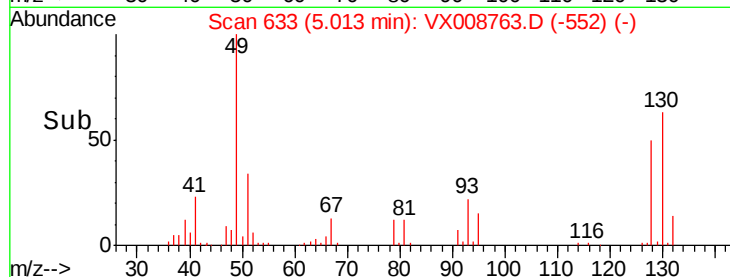
130 125.6 0.0 325.8



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: 18.371 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008763.D

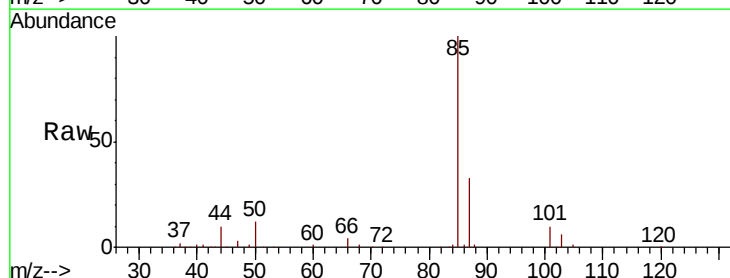
Acq: 09 Apr 2019 11:29

Tgt Ion: 85 Resp: 38061

Ion Ratio Lower Upper

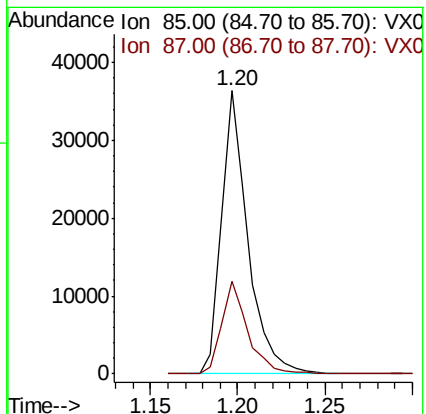
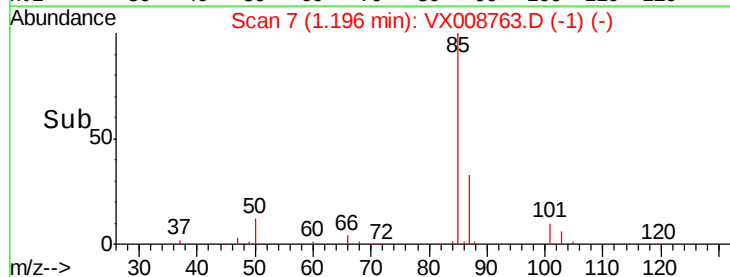
85 100

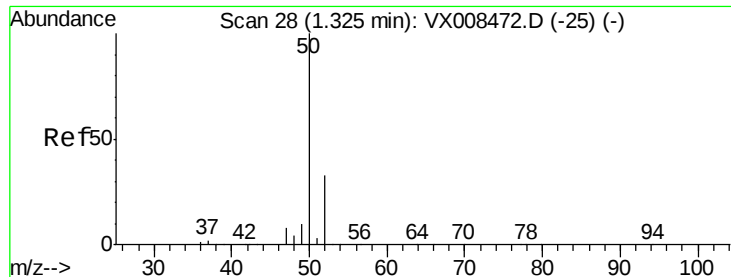
87 32.9 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.575 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

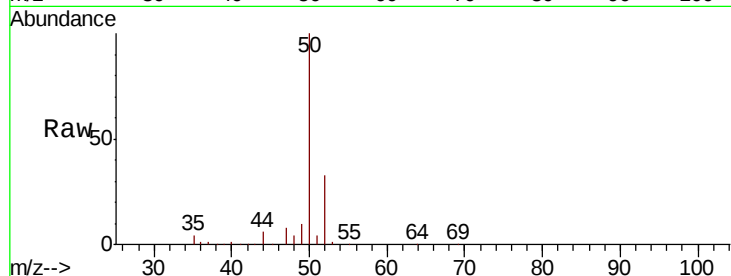
VX0409WBS01

Tgt Ion: 50 Resp: 50420

Ion Ratio Lower Upper

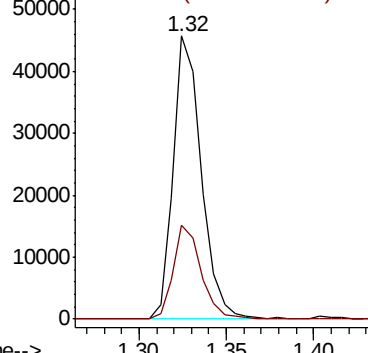
50 100

52 33.0 27.5 41.3

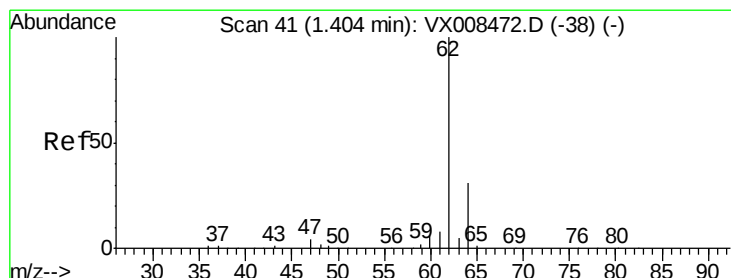
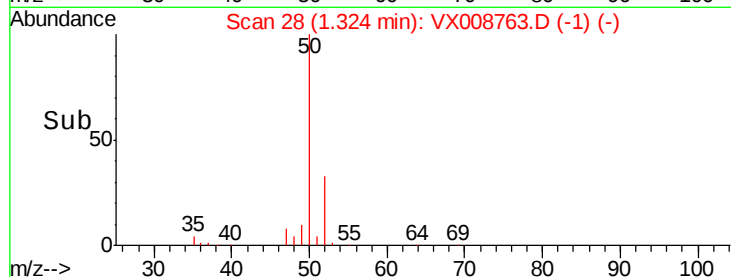


Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#4

Vinyl Chloride

Concen: 18.720 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008763.D

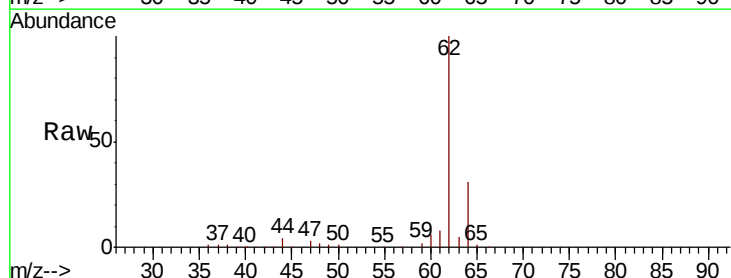
Acq: 09 Apr 2019 11:29

Tgt Ion: 62 Resp: 51219

Ion Ratio Lower Upper

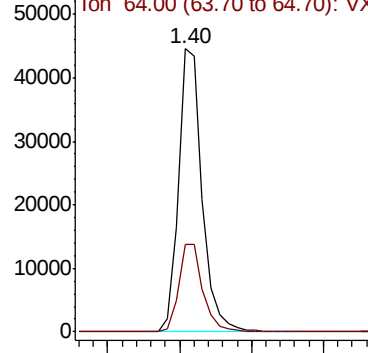
62 100

64 30.7 25.9 38.9

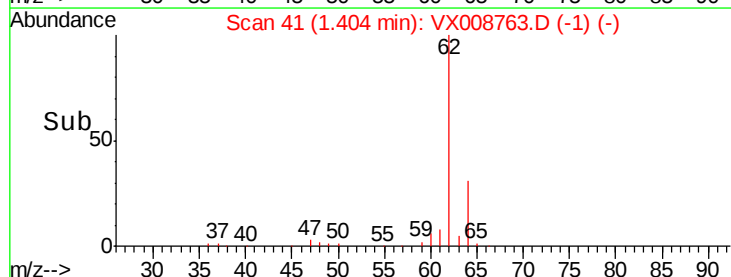


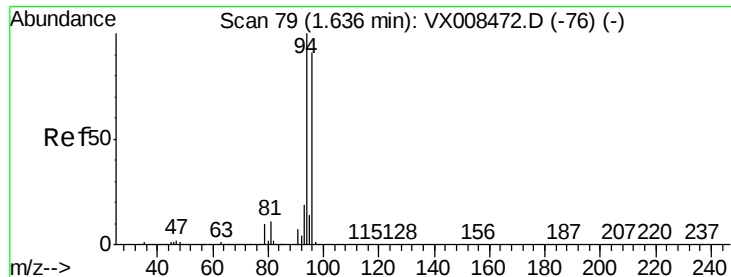
Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



Time-->





#5

Bromomethane

Concen: 17.847 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

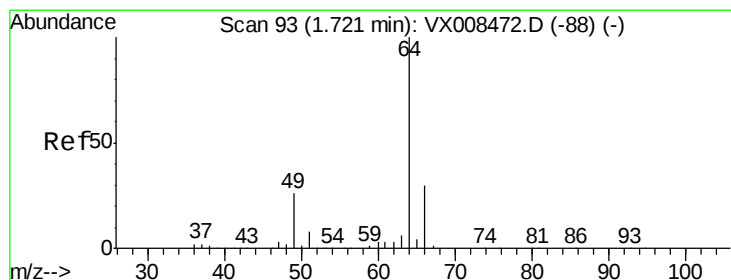
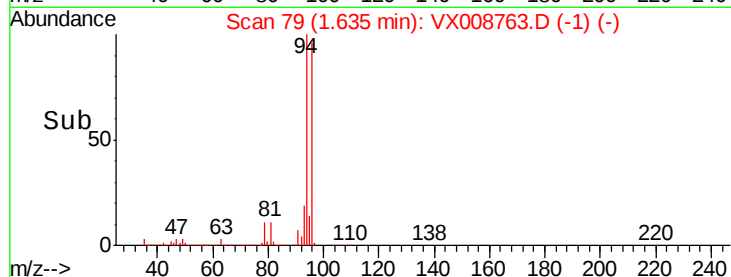
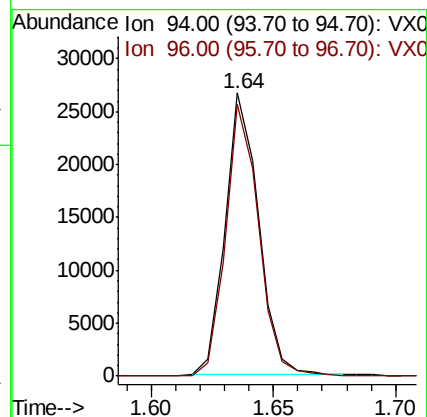
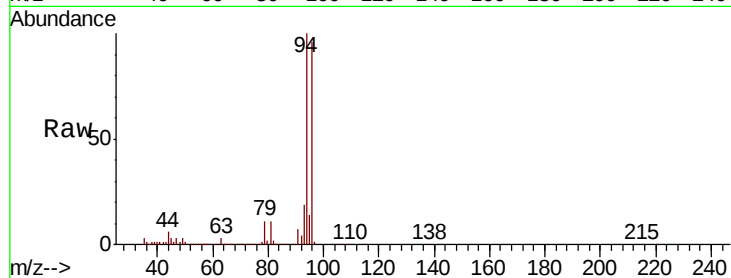
VX0409WBS01

Tgt Ion: 94 Resp: 25302

Ion Ratio Lower Upper

94 100

96 96.2 75.6 113.4



#6

Chloroethane

Concen: 16.858 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008763.D

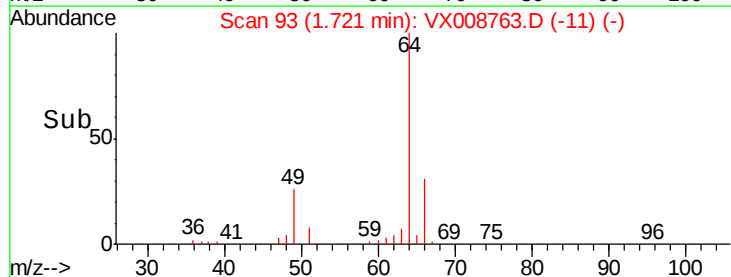
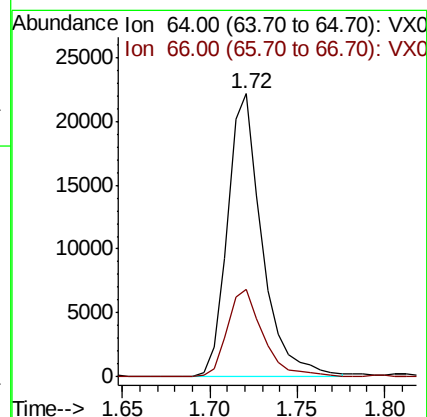
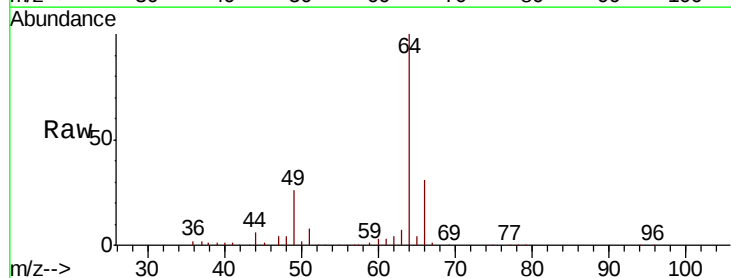
Acq: 09 Apr 2019 11:29

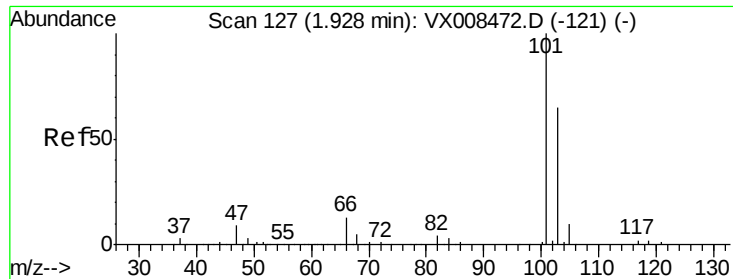
Tgt Ion: 64 Resp: 30189

Ion Ratio Lower Upper

64 100

66 31.1 23.9 35.9



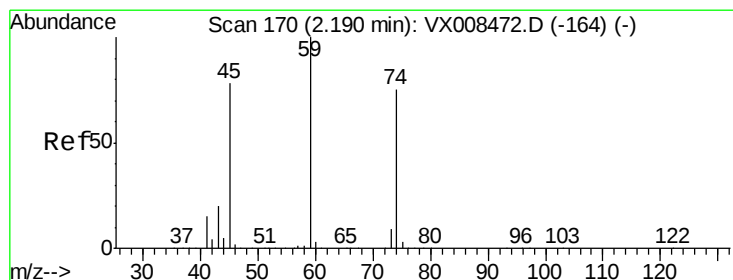
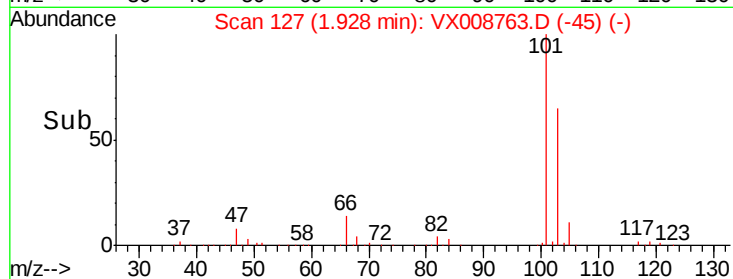
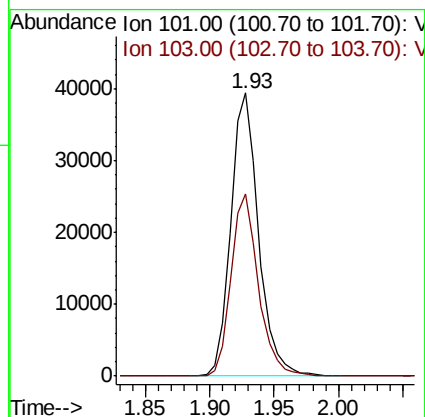
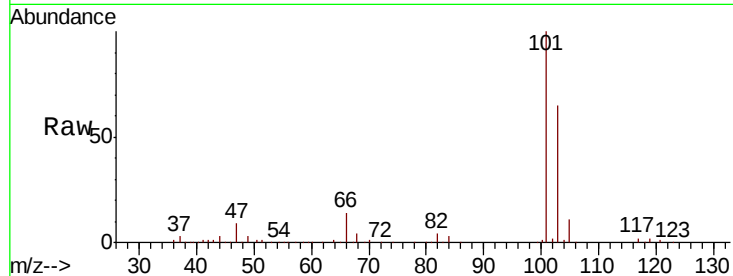


#7

Trichlorofluoromethane
 Concen: 19.594 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

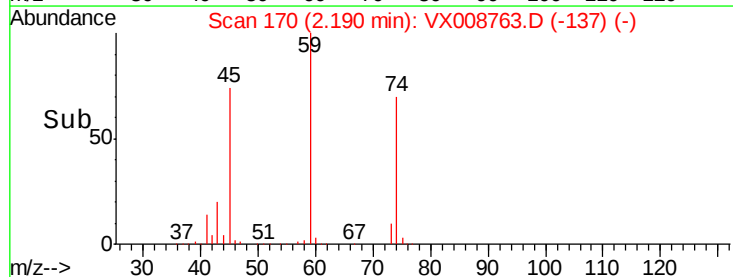
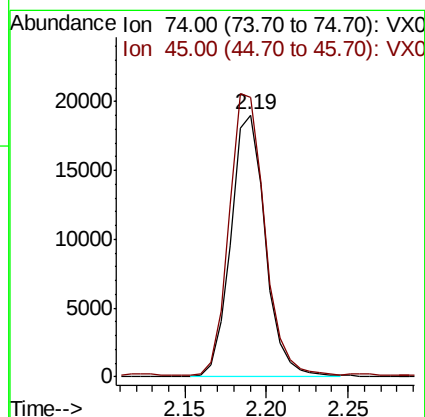
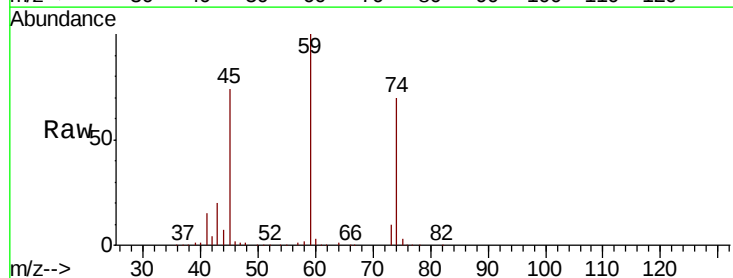
Tgt Ion: 101 Resp: 59505
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.4 75.6

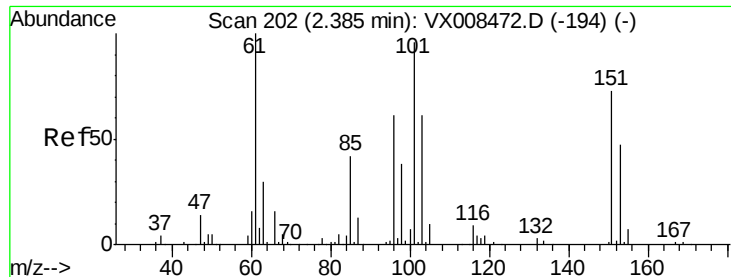


#8

Diethyl Ether
 Concen: 19.601 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 74 Resp: 28072
 Ion Ratio Lower Upper
 74 100
 45 110.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.181 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

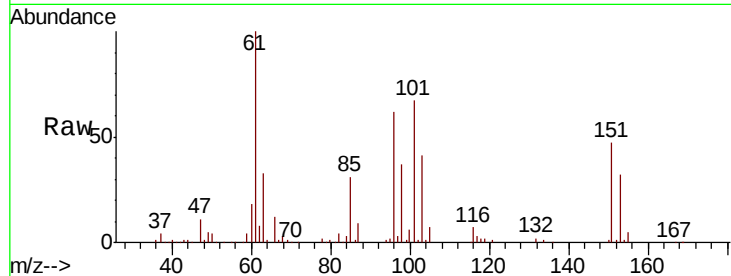
Instrument :

MSVOA_X

ClientSampled :

VX0409WBS01

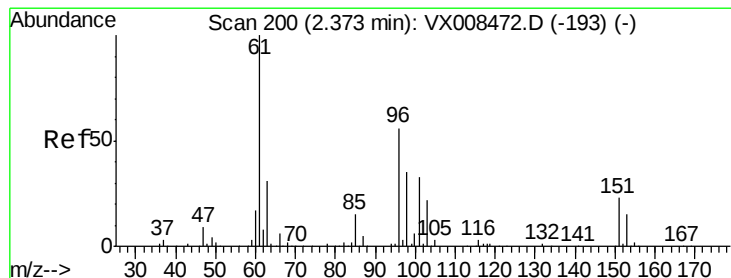
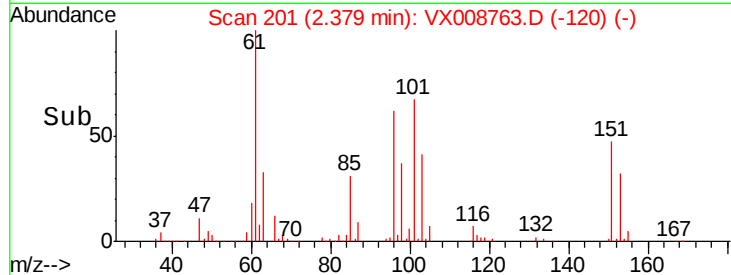
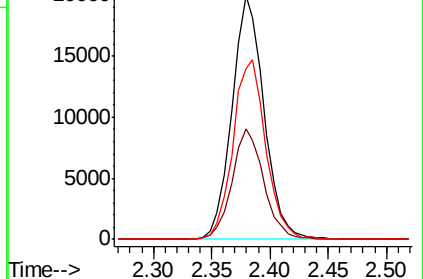
Tgt Ion:	101	Resp:	38167
Ion	Ratio	Lower	Upper
101	100		
85	44.9	0.0	86.8
151	75.4	0.0	169.2



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: 20.201 ug/l

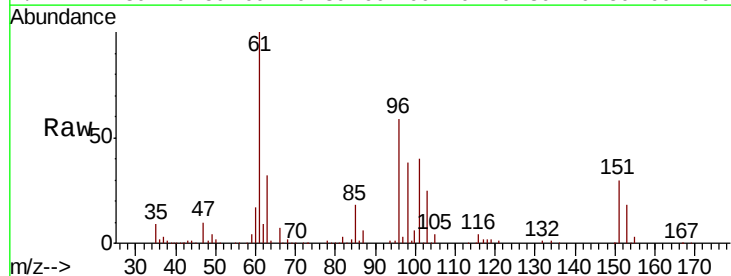
RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

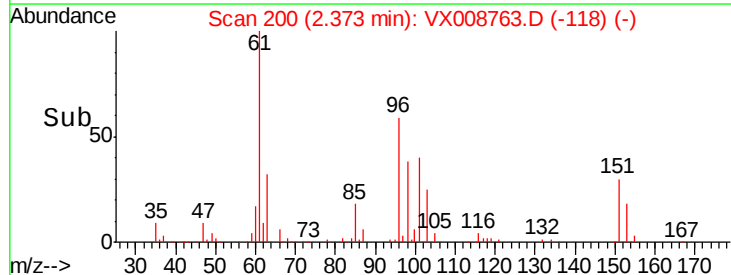
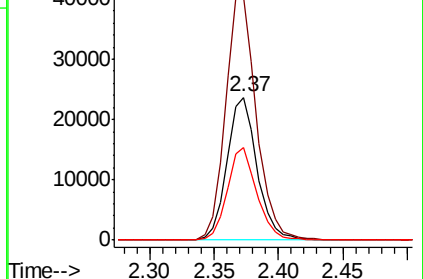
Tgt Ion:	96	Resp:	38758
Ion	Ratio	Lower	Upper
96	100		
61	169.9	120.2	180.2
98	64.9	49.0	73.4

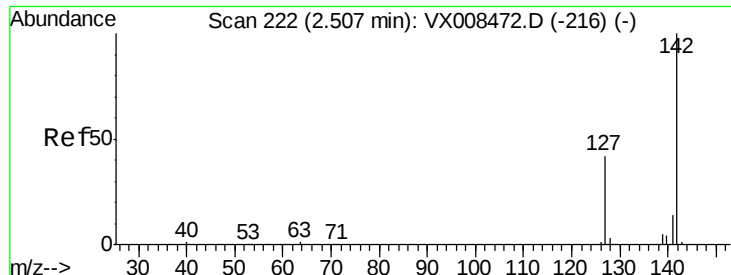


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

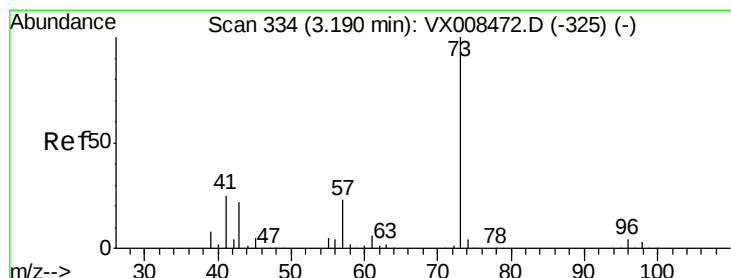
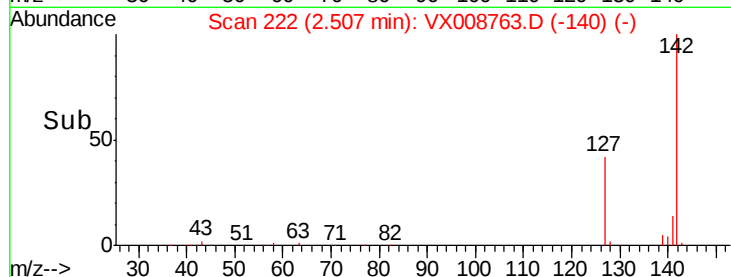
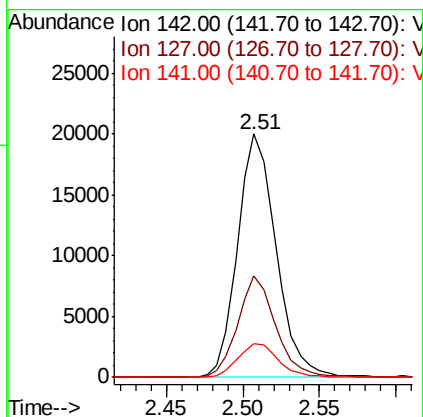
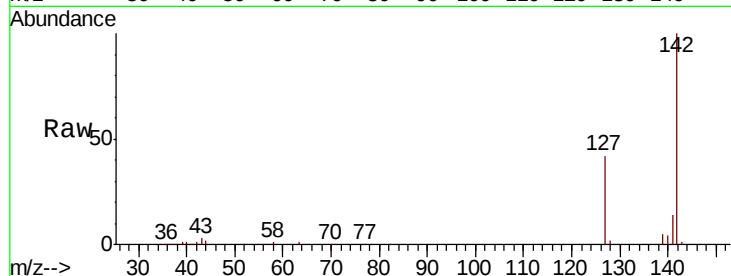




#11
Methyl Iodide
Concen: 17.640 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

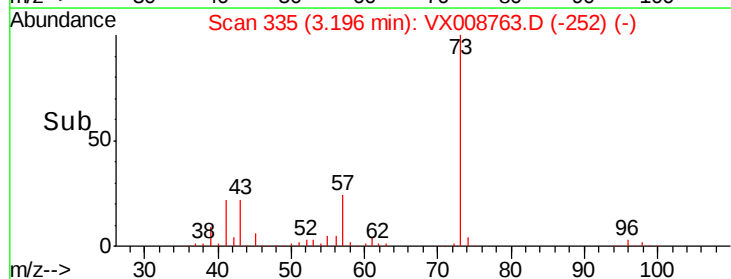
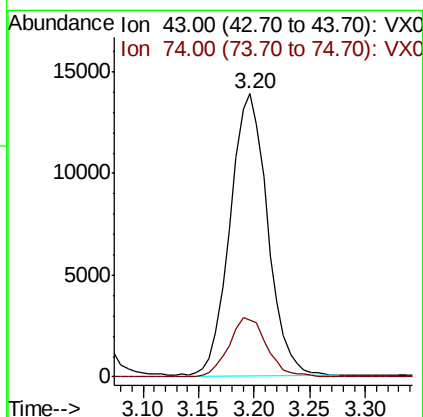
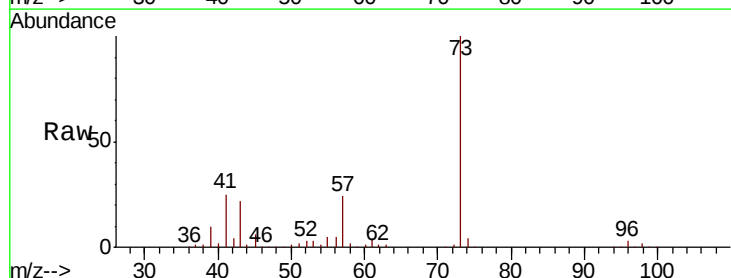
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

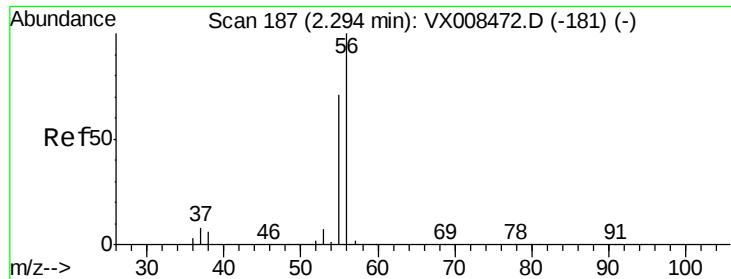
Tgt Ion:142 Resp: 35046
Ion Ratio Lower Upper
142 100
127 41.4 22.1 66.5
141 14.0 7.4 22.3



#12
Methyl Acetate
Concen: 20.884 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 32476
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.0





#13

Acrolein

Concen: 110.996 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

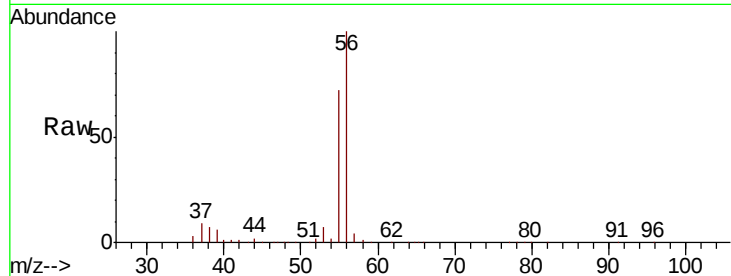
VX0409WBS01

Tgt Ion: 56 Resp: 49517

Ion Ratio Lower Upper

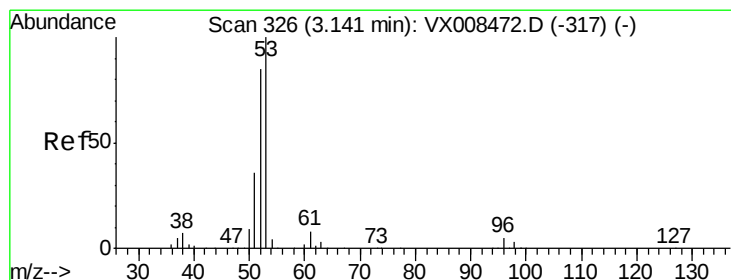
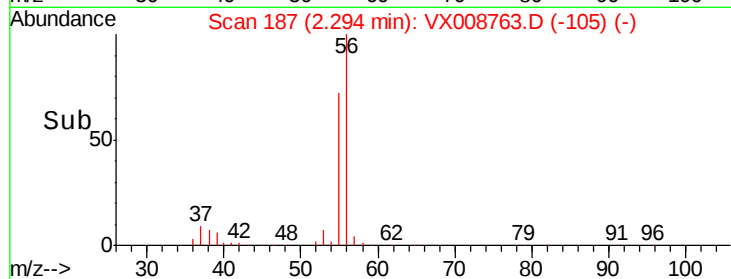
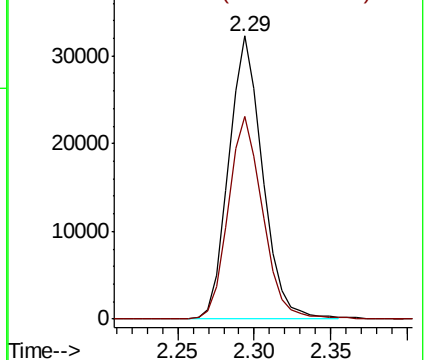
56 100

55 72.4 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 113.225 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

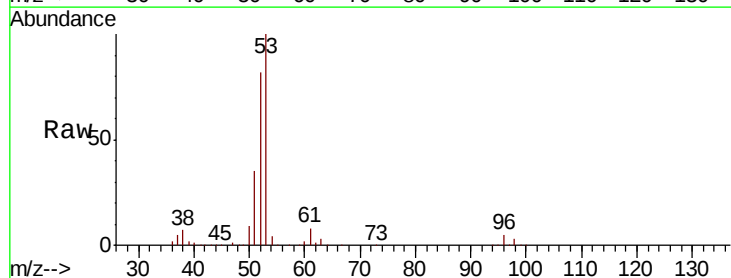
Tgt Ion: 53 Resp: 162784

Ion Ratio Lower Upper

53 100

52 83.0 41.3 124.1

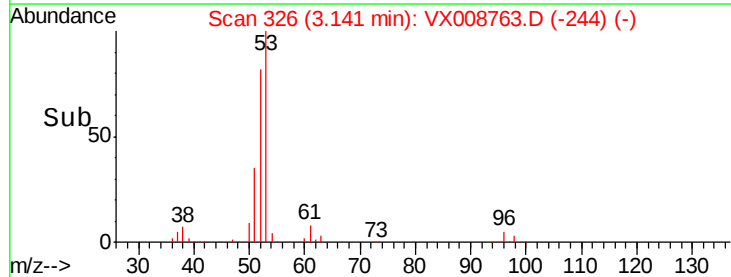
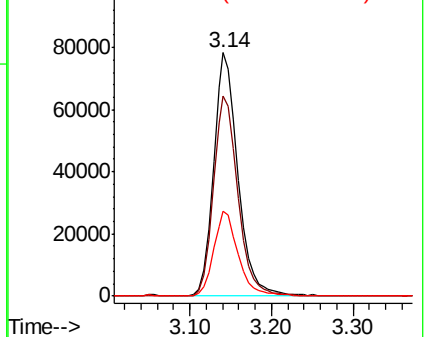
51 34.7 17.5 52.6

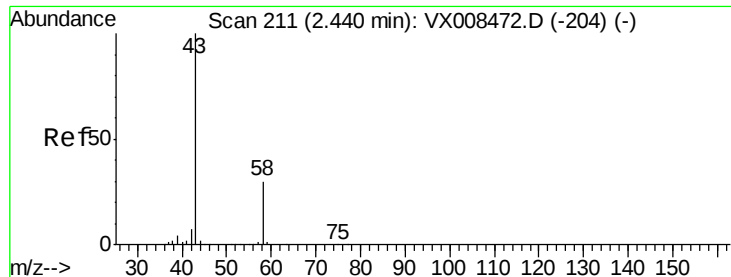


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 106.304 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

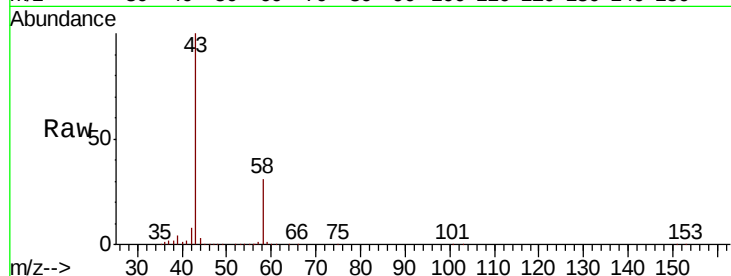
VX0409WBS01

Tgt Ion: 58 Resp: 47130

Ion Ratio Lower Upper

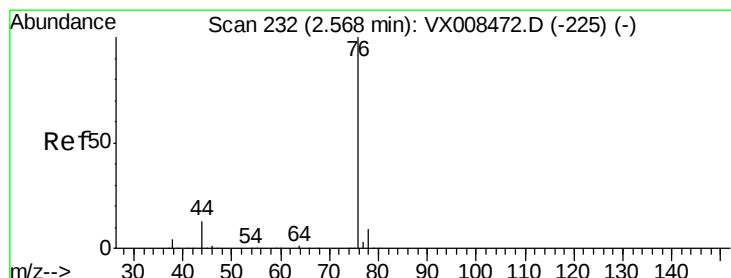
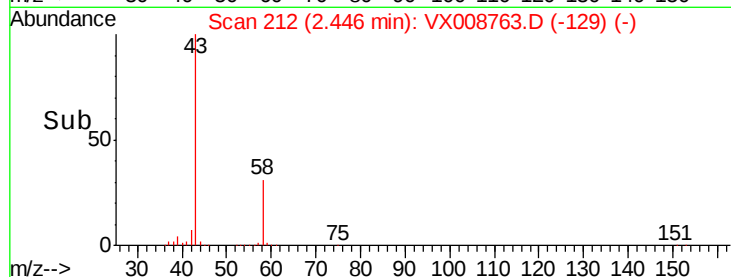
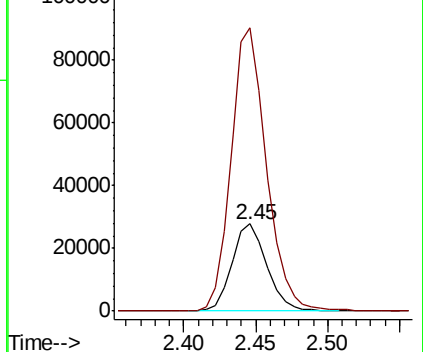
58 100

43 324.0 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.241 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008763.D

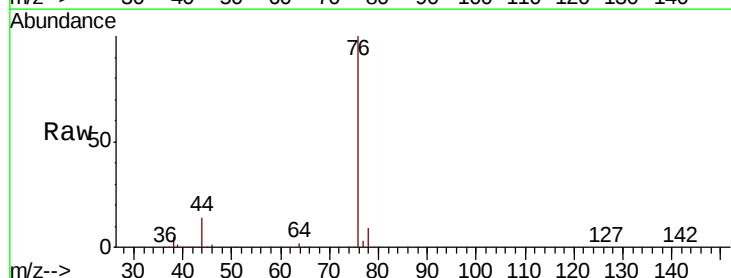
Acq: 09 Apr 2019 11:29

Tgt Ion: 76 Resp: 108875

Ion Ratio Lower Upper

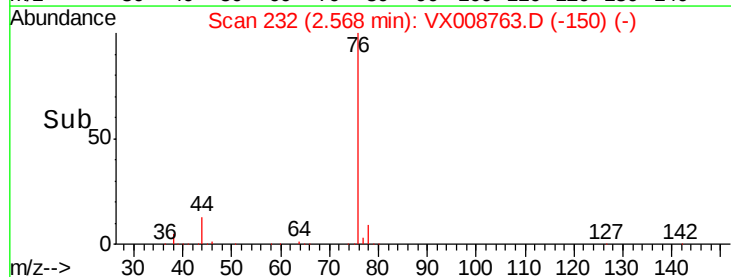
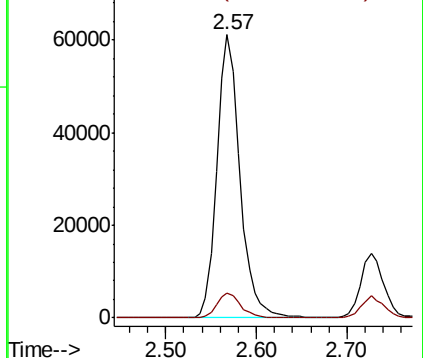
76 100

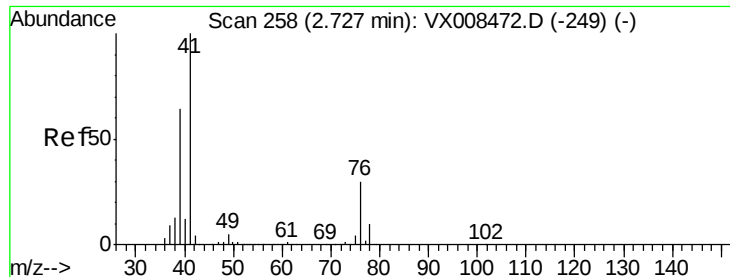
78 8.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

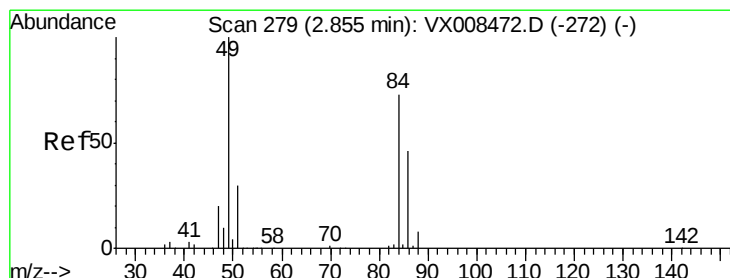
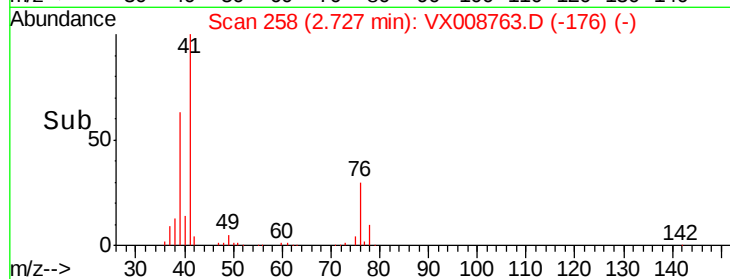
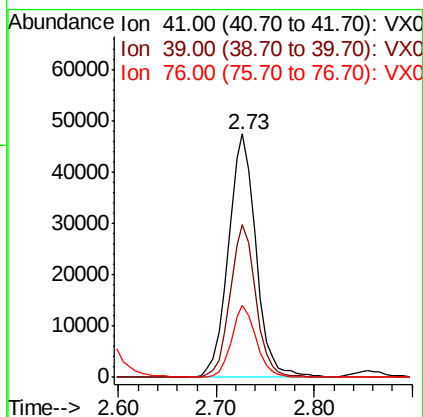
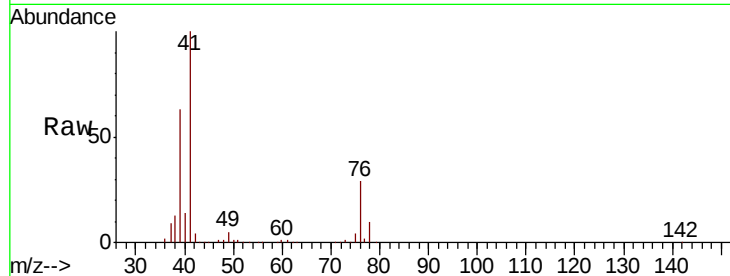




#17
 Allyl chloride
 Concen: 21.351 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

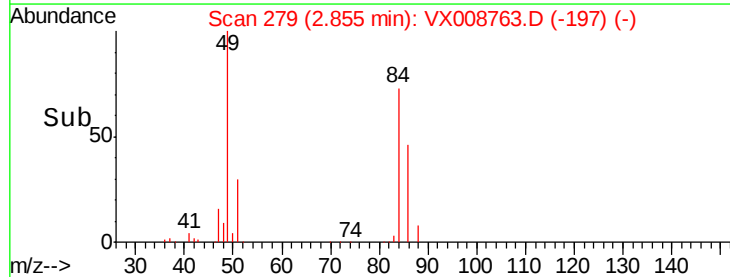
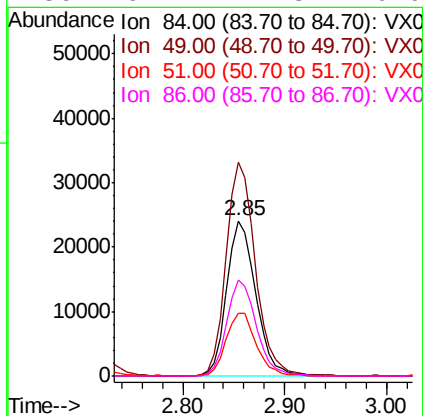
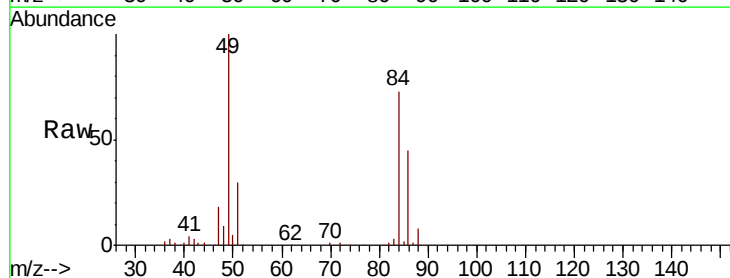
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

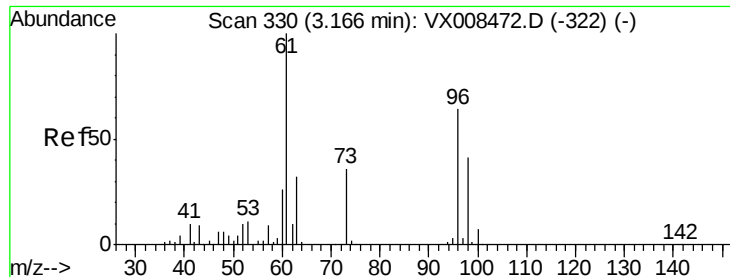
Tgt Ion: 41 Resp: 92066
 Ion Ratio Lower Upper
 41 100
 39 62.9 35.8 107.4
 76 29.5 18.3 54.9



#18
 Methylene Chloride
 Concen: 20.739 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 84 Resp: 47565
 Ion Ratio Lower Upper
 84 100
 49 137.4 96.1 144.1
 51 40.7 29.1 43.7
 86 62.2 47.3 70.9

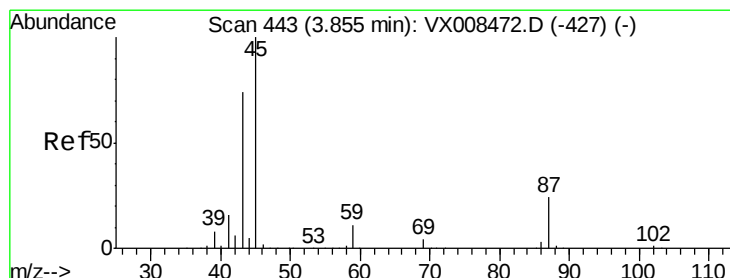
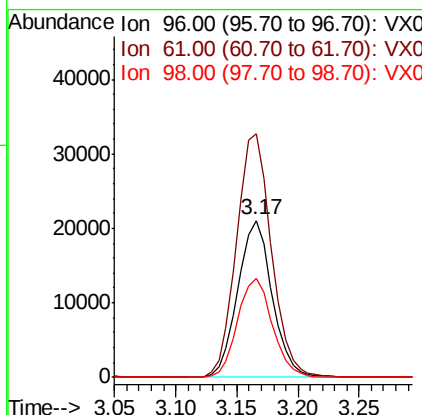
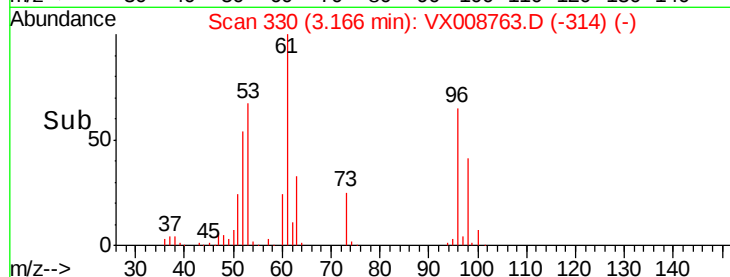
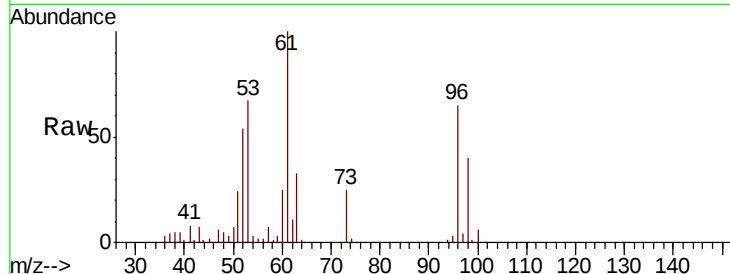




#19
trans-1,2-Dichloroethene
Concen: 20.138 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

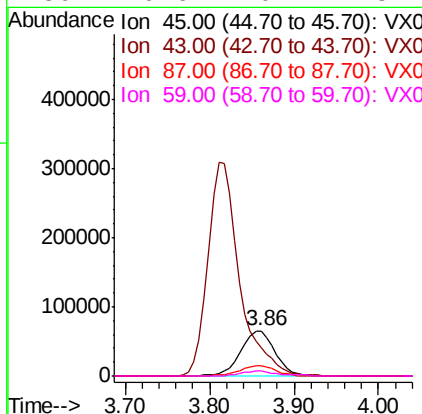
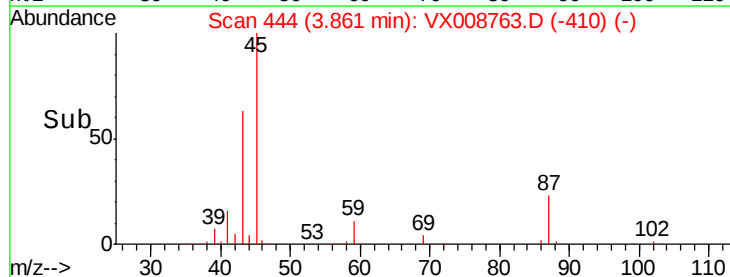
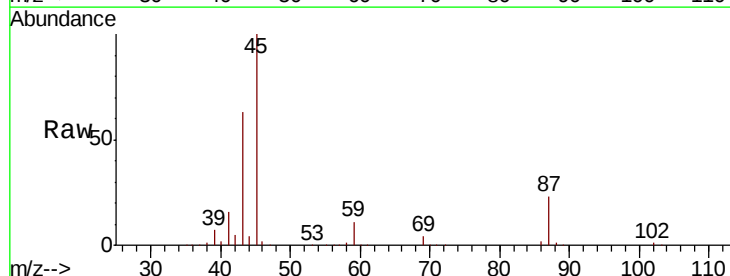
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

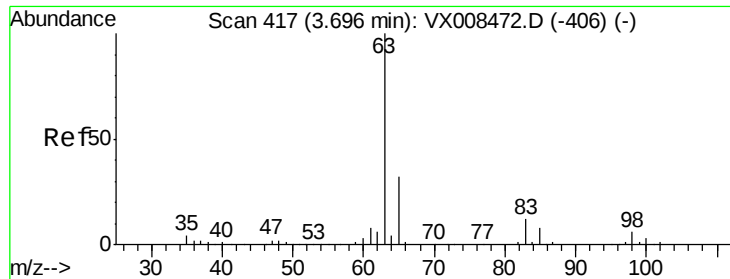
Tgt Ion: 96 Resp: 41279
Ion Ratio Lower Upper
96 100
61 154.9 109.9 164.9
98 62.6 50.4 75.6



#20
Diisopropyl ether
Concen: 21.438 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 45 Resp: 179930
Ion Ratio Lower Upper
45 100
43 62.4 50.6 76.0
87 23.1 24.5 36.7#
59 10.6 10.2 15.2

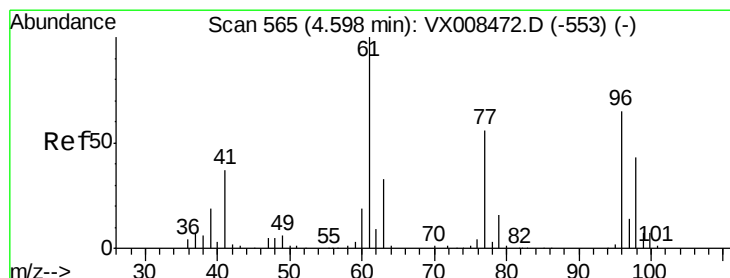
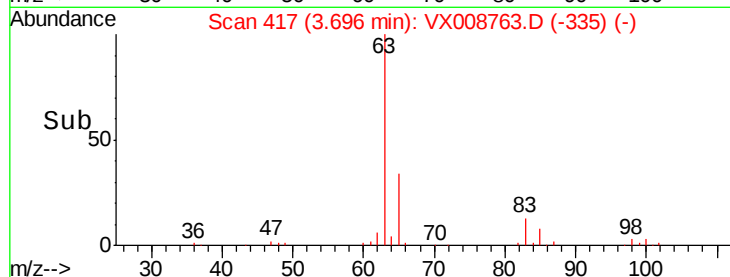
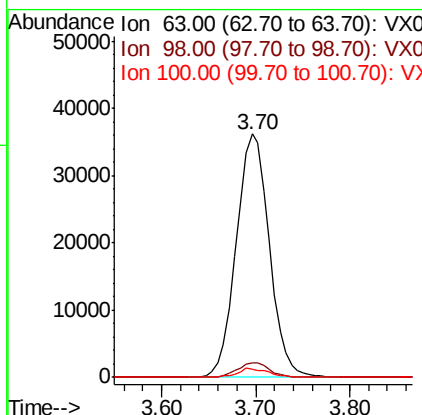
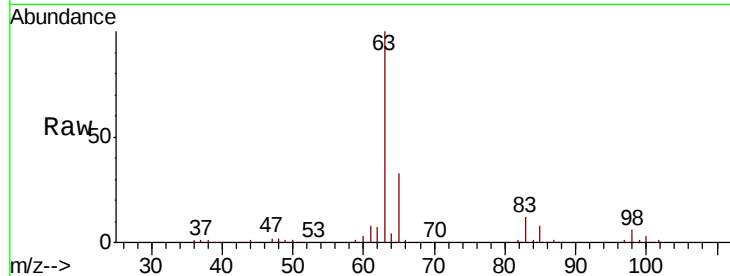




#21
 1,1-Dichloroethane
 Concen: 21.076 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

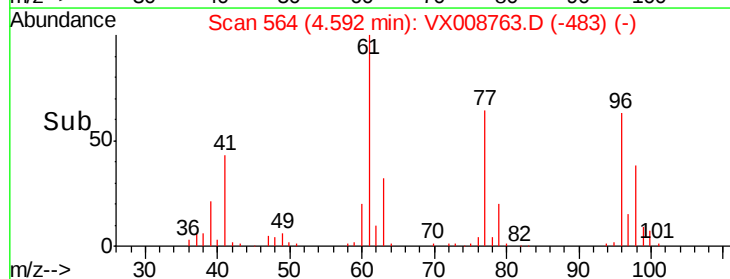
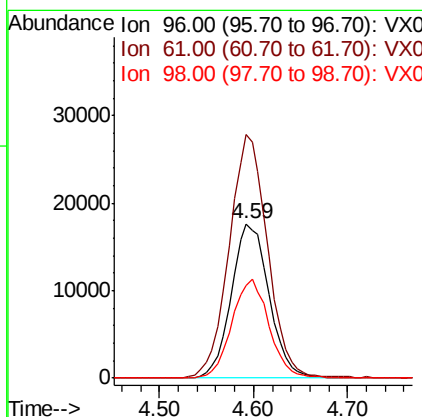
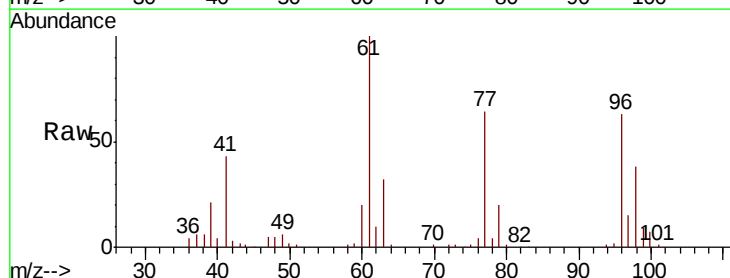
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

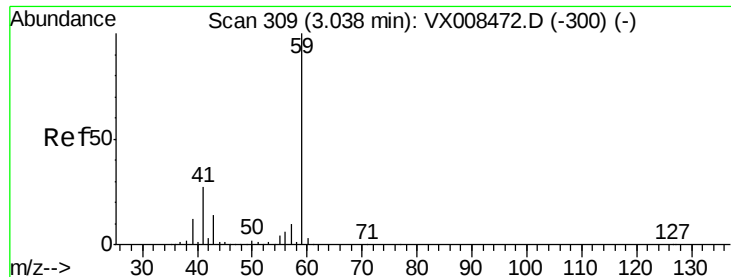
Tgt Ion:	63	Resp:	88790
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	3.5	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 20.856 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion:	96	Resp:	49402
Ion	Ratio	Lower	Upper
96	100		
61	159.7	103.5	155.3#
98	63.2	52.1	78.1



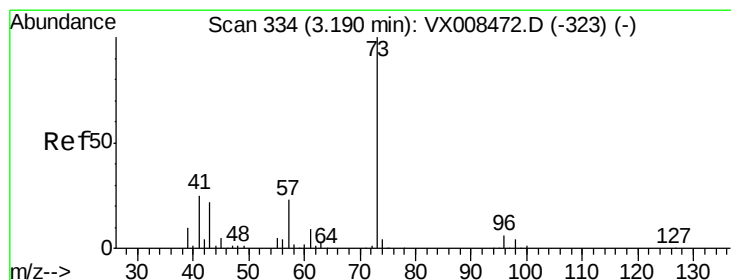
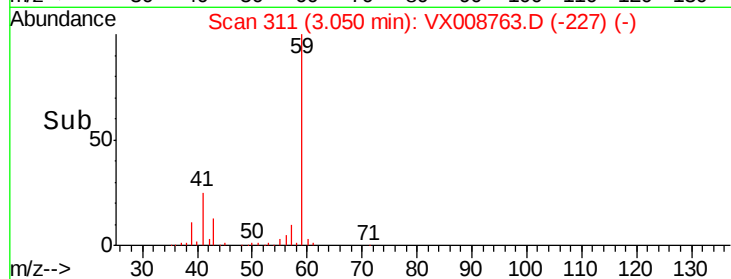
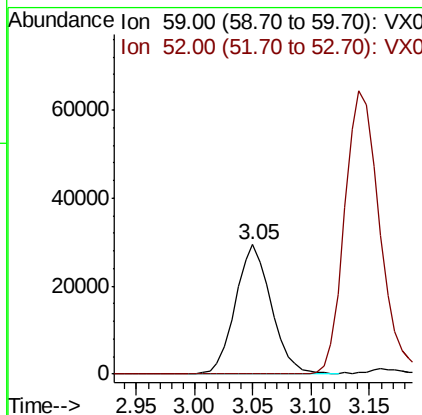
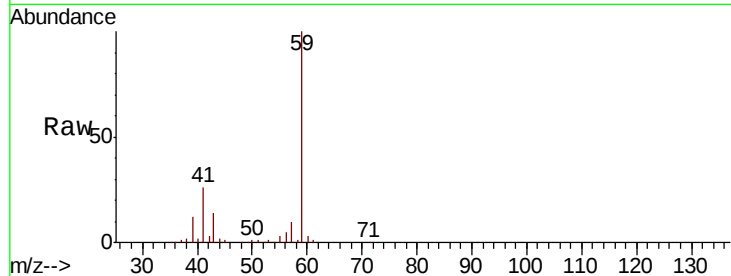


#23

tert-Butyl Alcohol
 Concen: 109.368 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

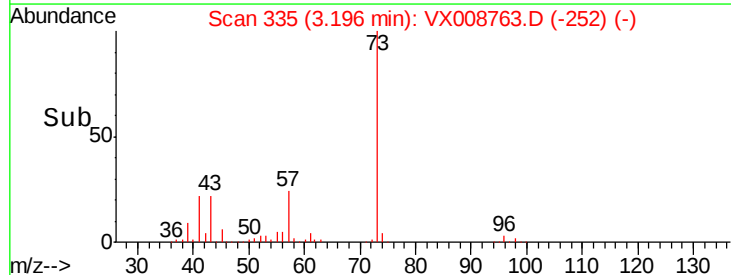
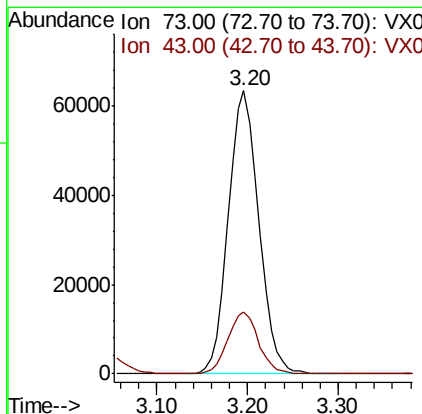
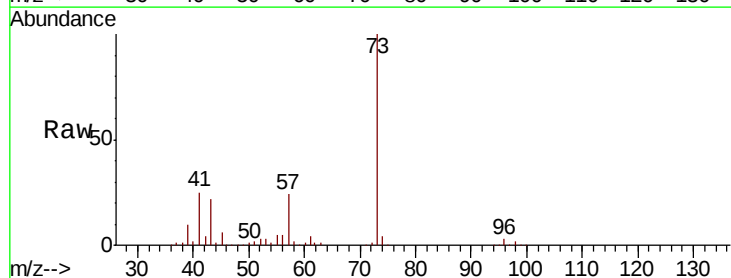
Tgt Ion: 59 Resp: 63494
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

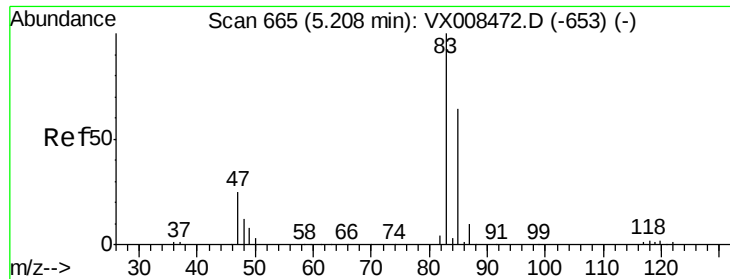


#24

Methyl tert-Butyl Ether
 Concen: 21.007 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 73 Resp: 148127
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.1 25.7





#25

Chloroform

Concen: 20.939 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

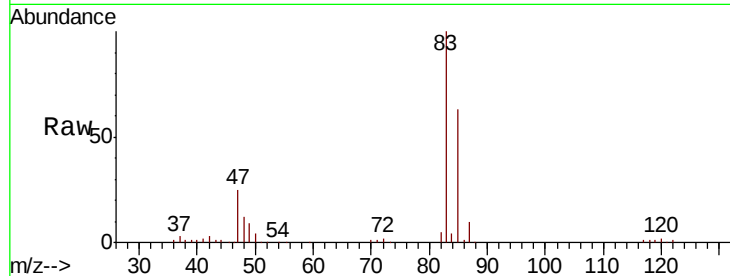
VX0409WBS01

Tgt Ion: 83 Resp: 79905

Ion Ratio Lower Upper

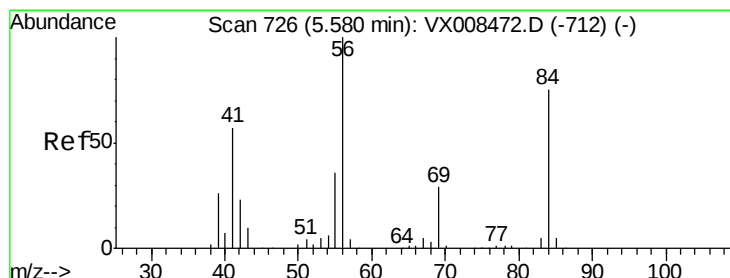
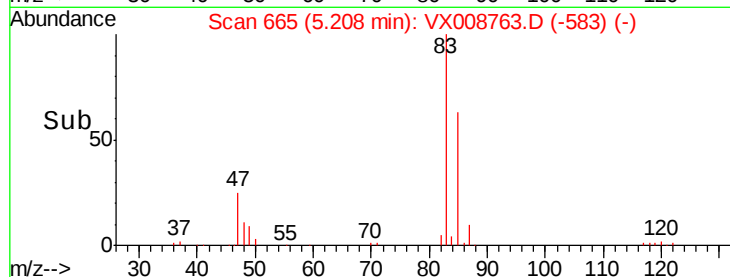
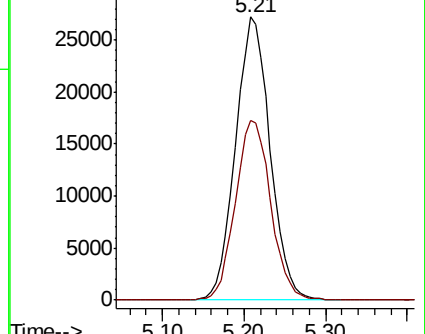
83 100

85 63.3 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.497 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

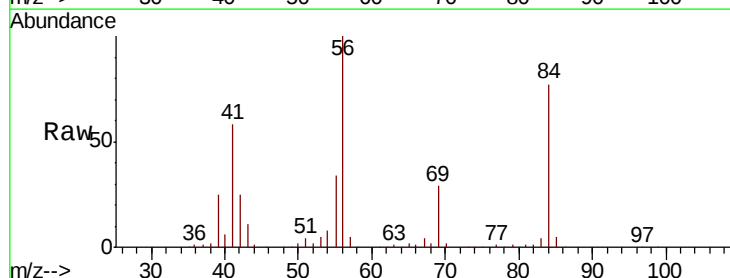
Tgt Ion: 56 Resp: 83890

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

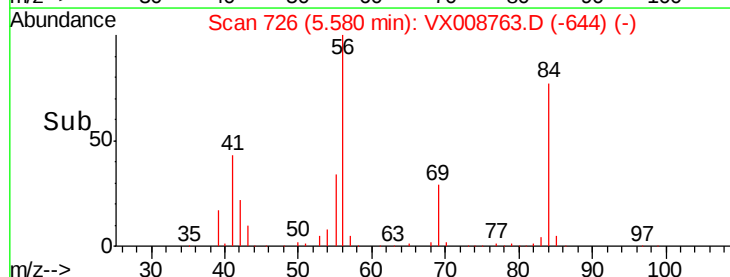
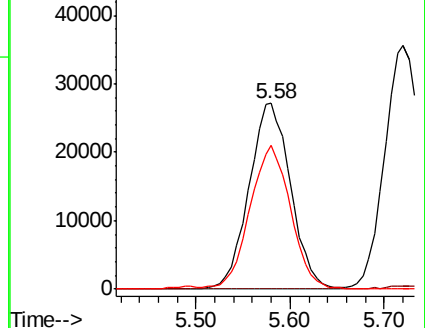
84 75.9 73.9 110.9

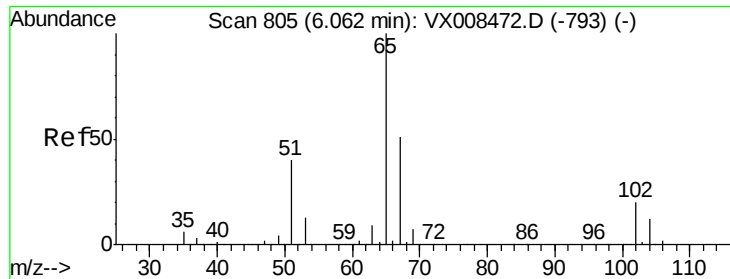


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.367 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

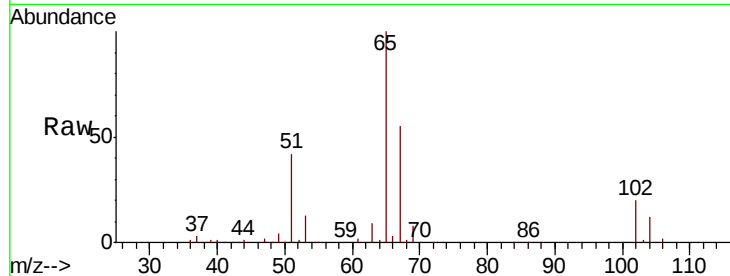
VX0409WBS01

Tgt Ion: 65 Resp: 74432

Ion Ratio Lower Upper

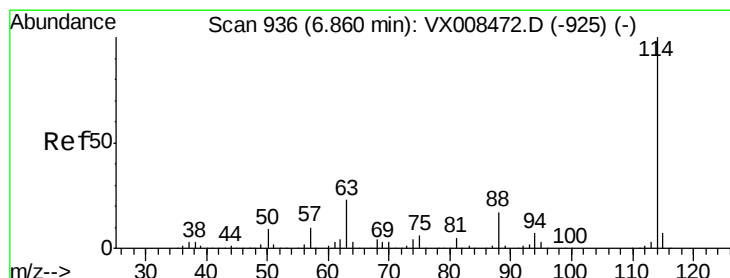
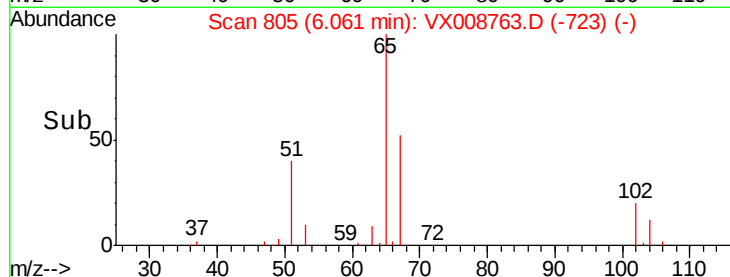
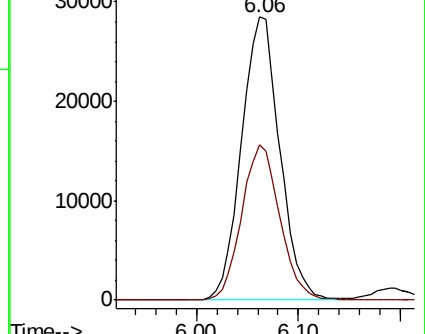
65 100

67 54.4 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: VX008763.D

Acq: 09 Apr 2019 11:29

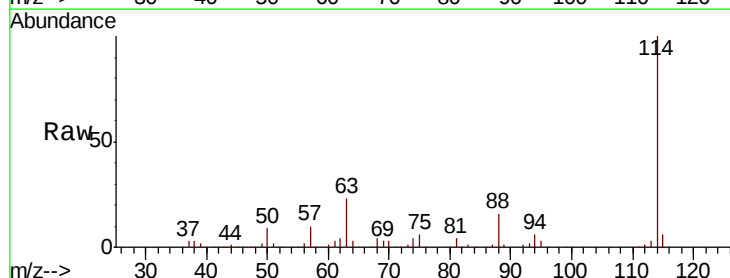
Tgt Ion: 114 Resp: 173930

Ion Ratio Lower Upper

114 100

63 23.1 14.2 21.4#

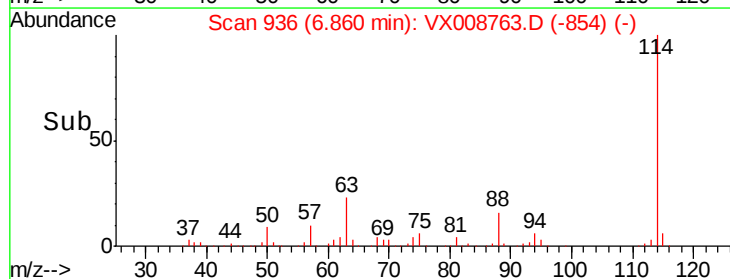
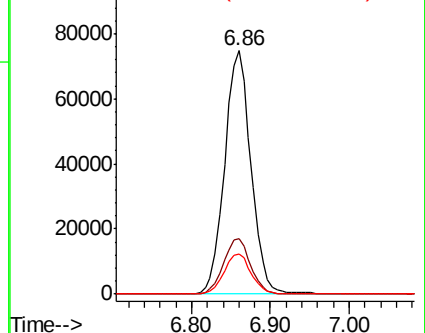
88 16.8 11.9 17.9

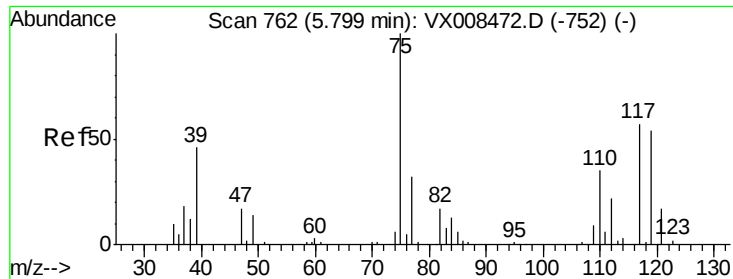


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

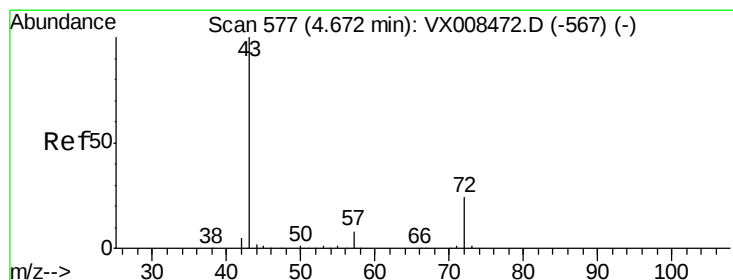
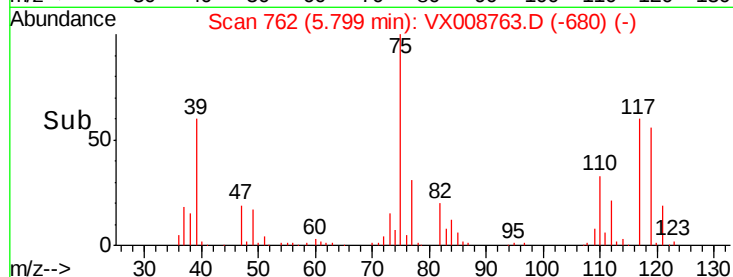
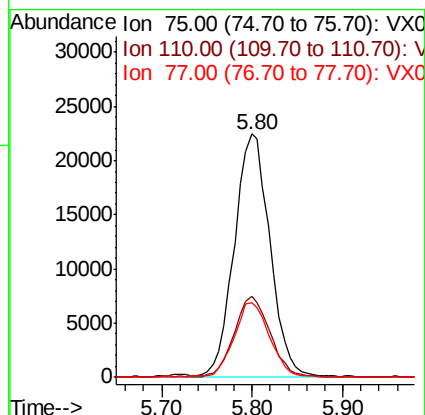
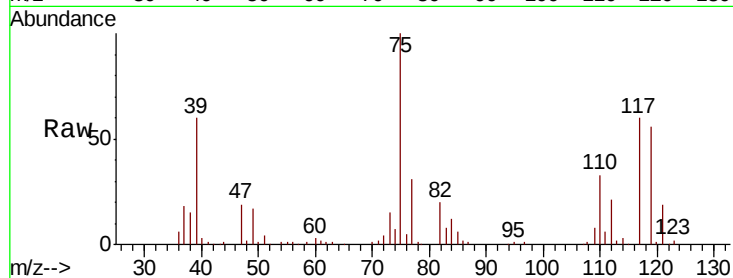




#29
 1,1-Dichloropropene
 Concen: 21.029 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

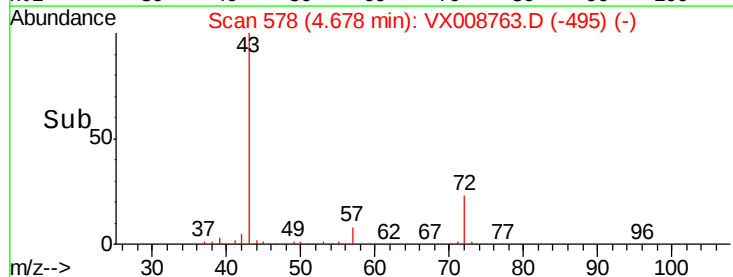
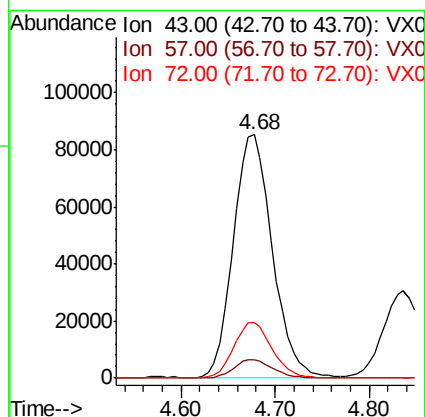
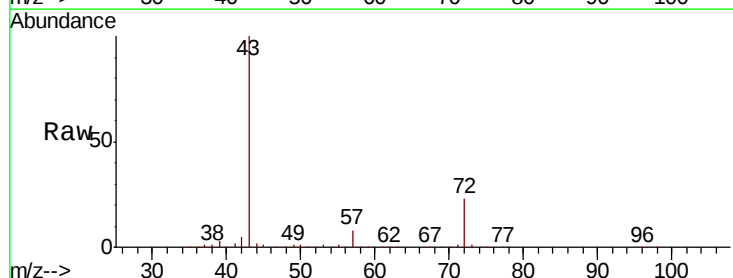
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

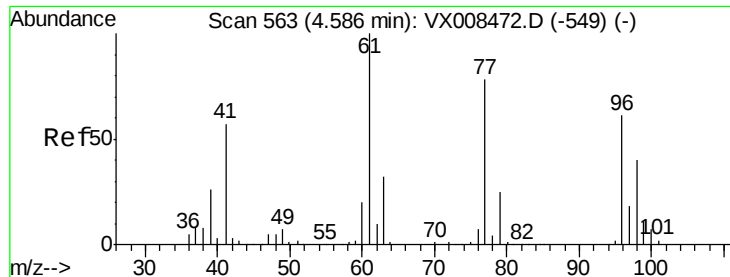
Tgt Ion: 75 Resp: 61532
 Ion Ratio Lower Upper
 75 100
 110 33.3 0.0 80.8
 77 30.8 0.0 62.4



#30
 2-Butanone
 Concen: 114.201 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 245727
 Ion Ratio Lower Upper
 43 100
 57 7.7 7.0 10.6
 72 22.5 21.5 32.3

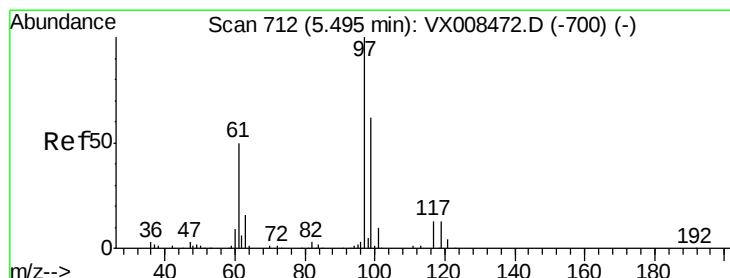
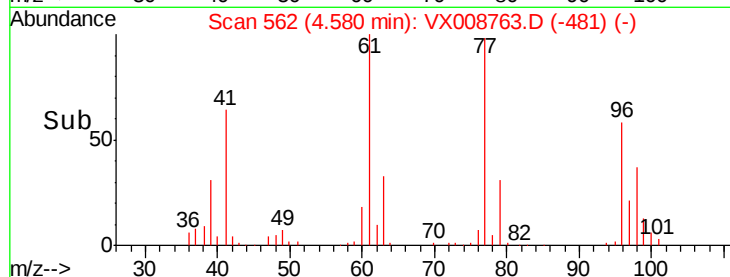
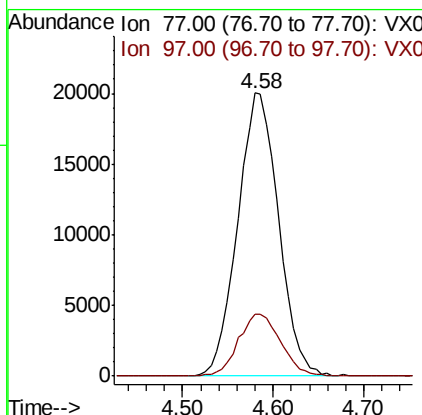
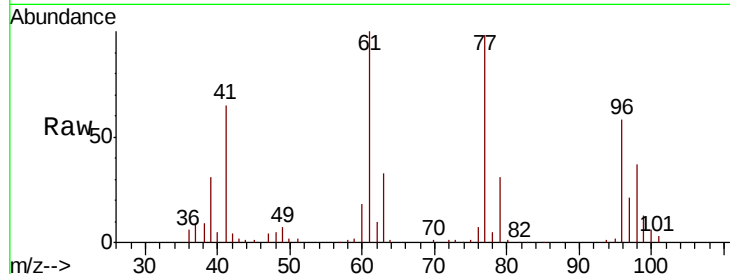




#31
 2,2-Dichloropropane
 Concen: 21.377 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

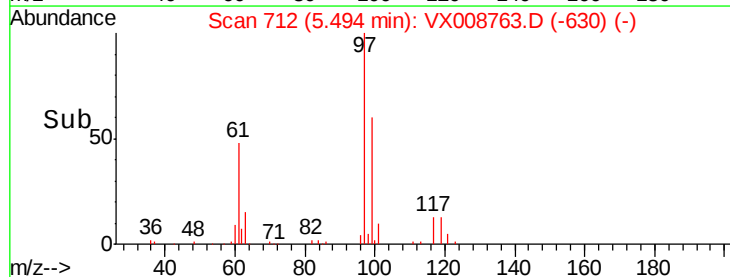
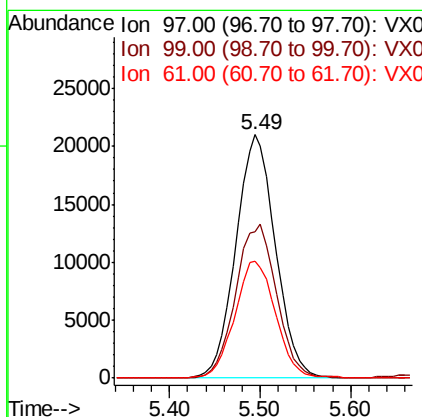
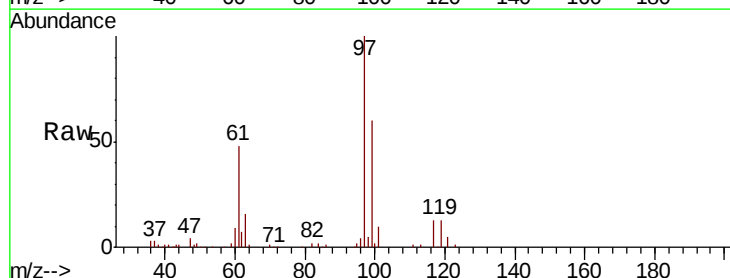
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

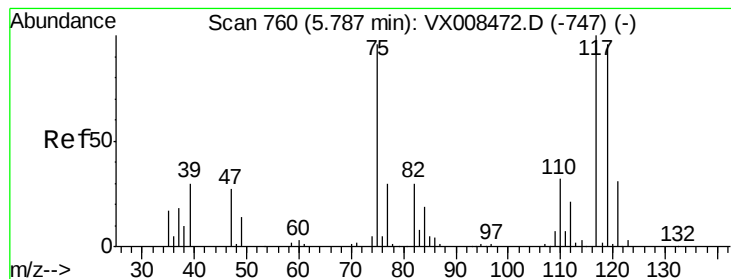
Tgt Ion: 77 Resp: 62473
 Ion Ratio Lower Upper
 77 100
 97 22.8 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 20.895 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 97 Resp: 63492
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.7 77.5
 61 49.3 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 20.703 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

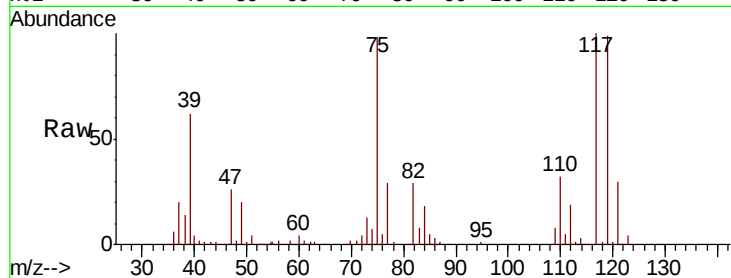
Tgt Ion:117 Resp: 52634

Ion Ratio Lower Upper

117 100

119 99.1 78.1 117.1

121 29.9 27.0 40.6

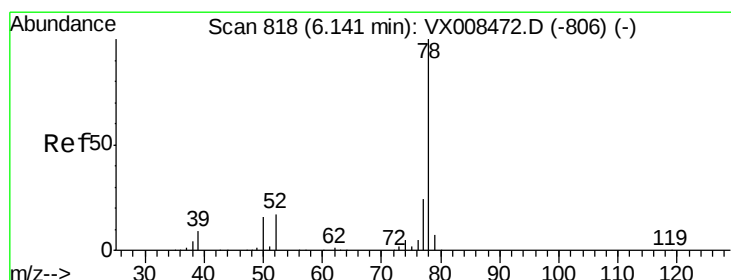
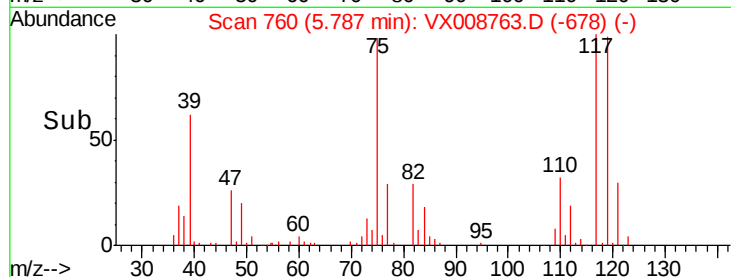
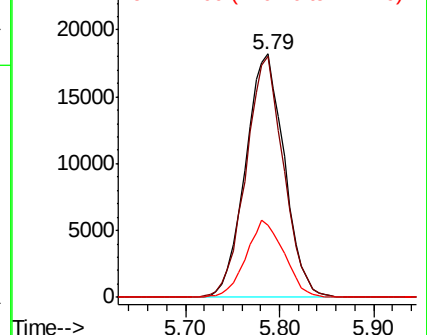


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 21.187 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

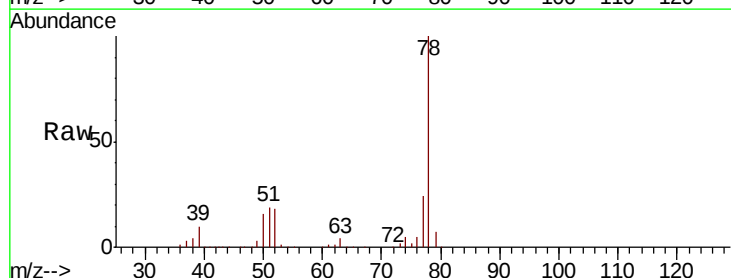
Tgt Ion: 78 Resp: 189508

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

51 18.2 10.8 16.2#

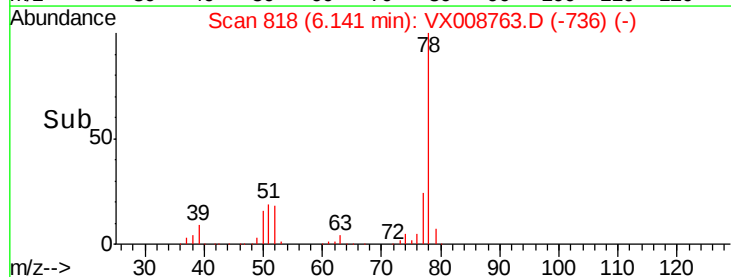
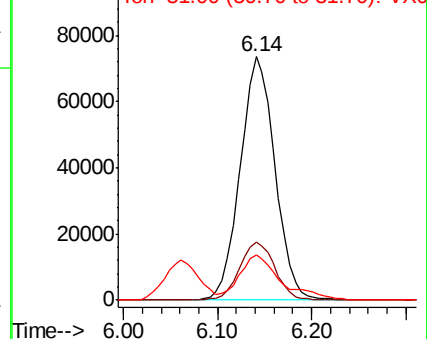


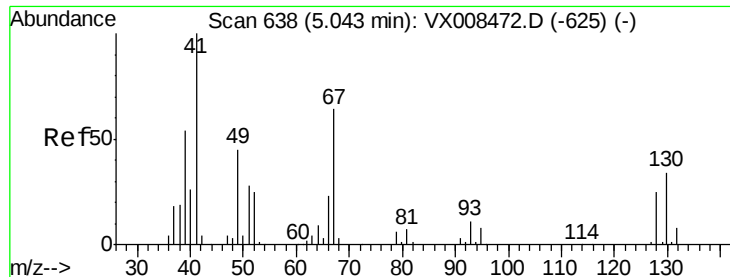
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

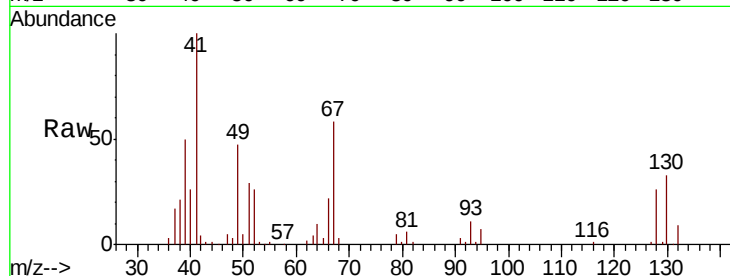




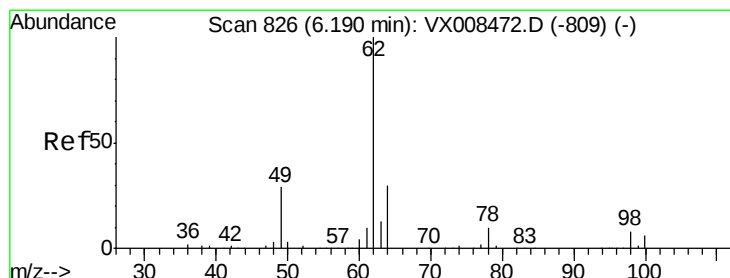
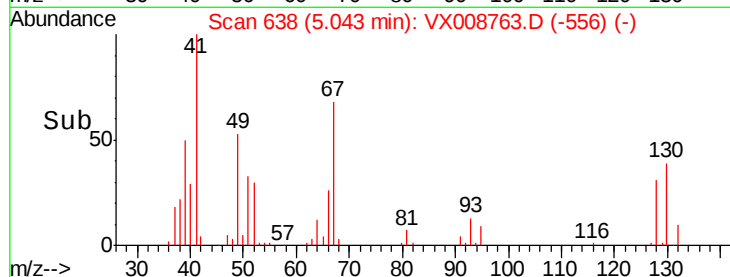
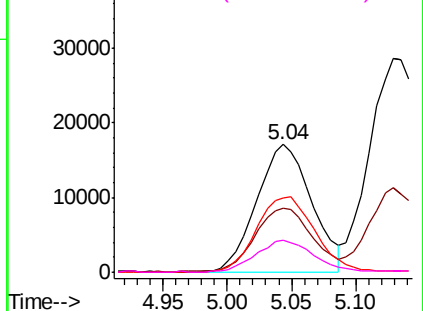
#35
Methacrylonitrile
Concen: 23.027 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:	41	Resp:	50387
Ion	Ratio	Lower	Upper
41	100		
39	49.8	27.4	82.0
67	58.3	37.9	113.6
52	25.2	13.3	39.9

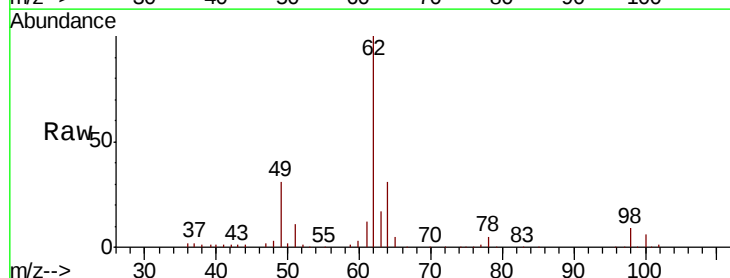


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

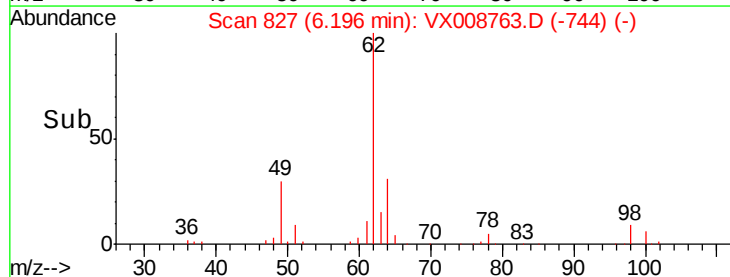
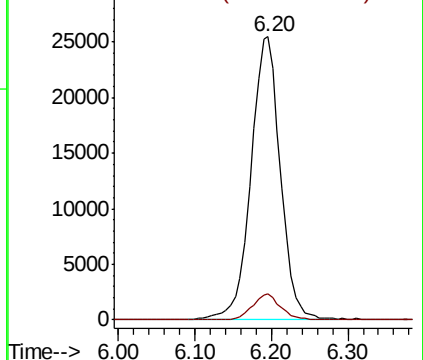


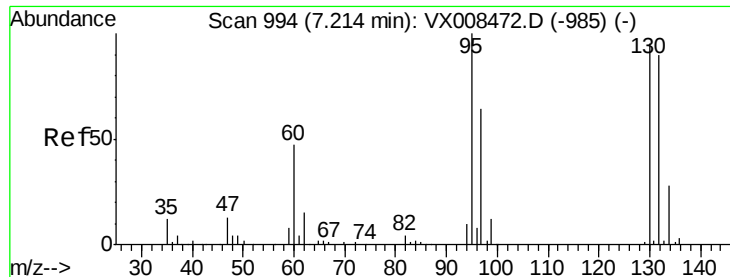
#36
1,2-Dichloroethane
Concen: 21.428 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:	62	Resp:	68332
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

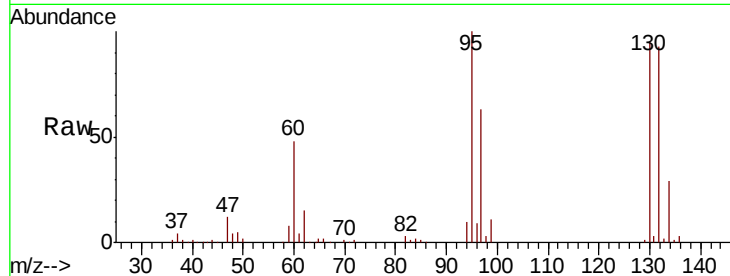




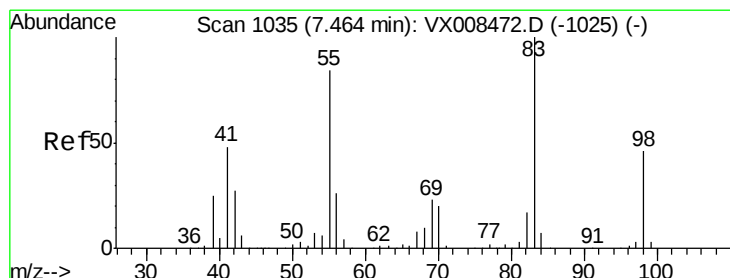
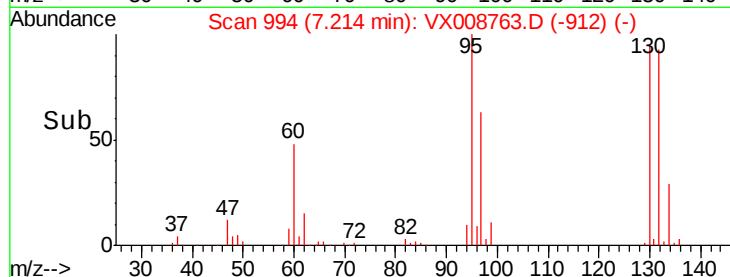
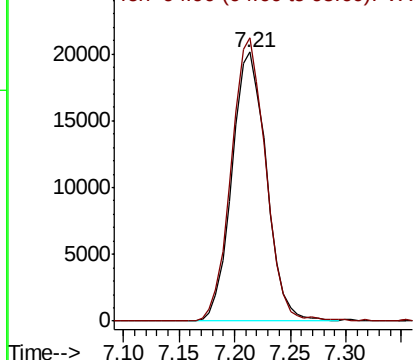
#37
 Trichloroethene
 Concen: 21.033 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tgt Ion:130 Resp: 43265
 Ion Ratio Lower Upper
 130 100
 95 105.2 71.3 106.9

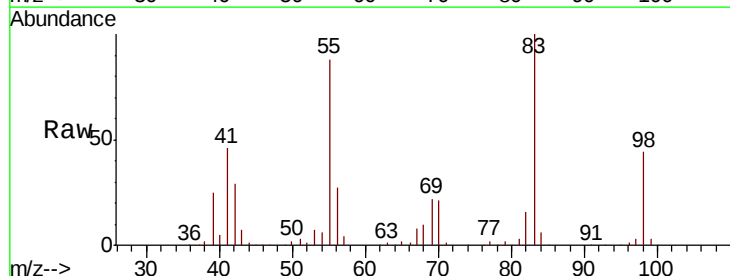


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

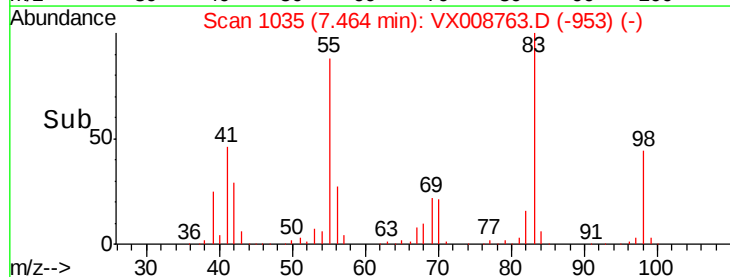
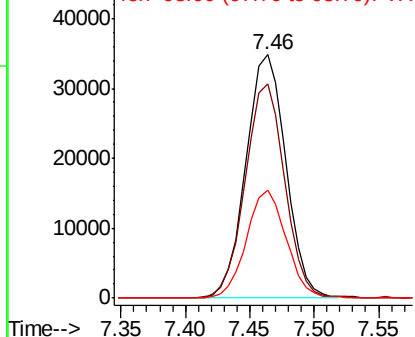


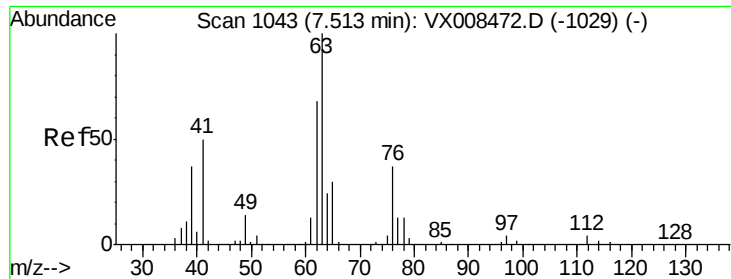
#38
 Methylcyclohexane
 Concen: 20.354 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 83 Resp: 75049
 Ion Ratio Lower Upper
 83 100
 55 87.0 36.0 108.0
 98 44.0 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

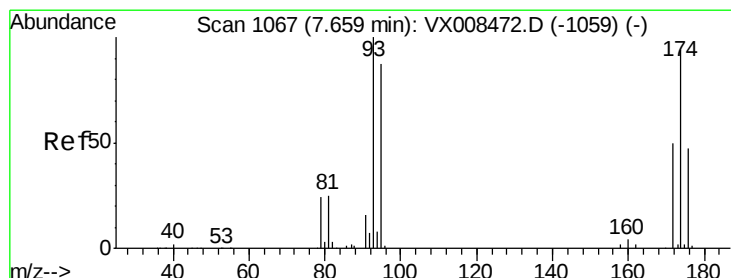
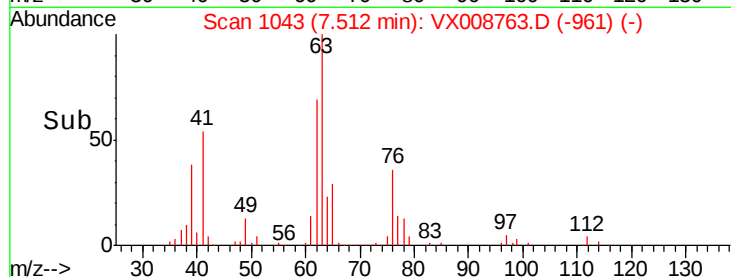
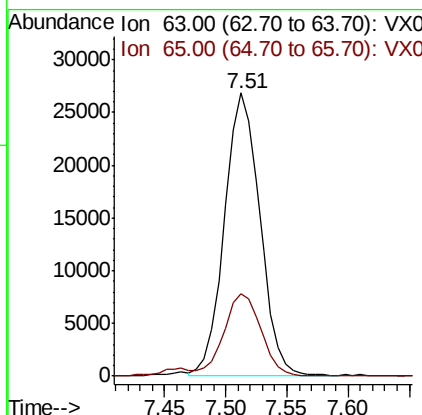
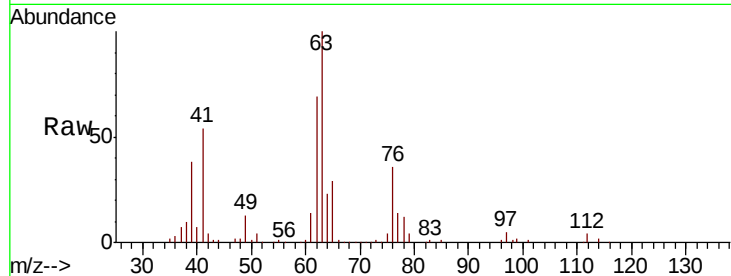




#39
 1,2-Dichloropropane
 Concen: 21.300 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

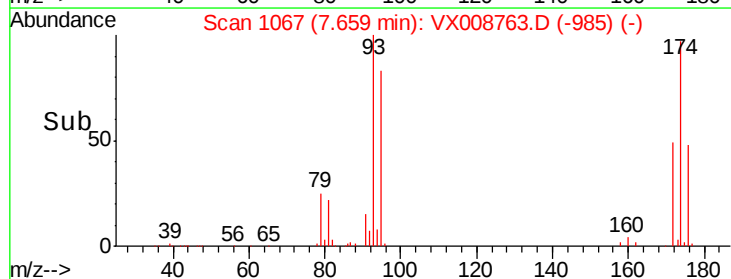
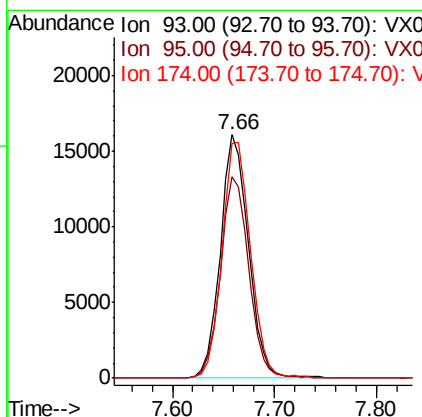
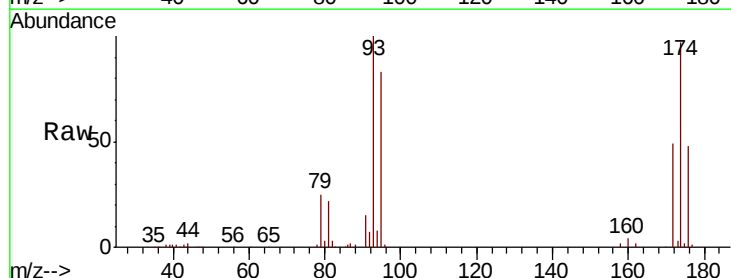
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

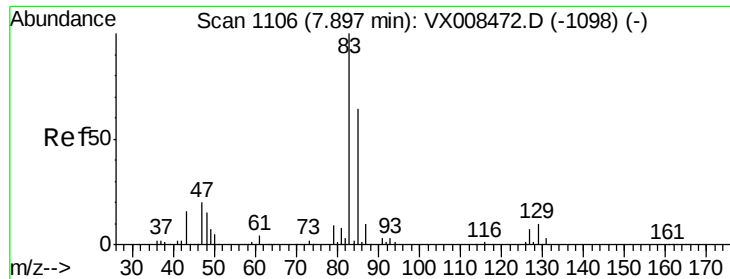
Tgt Ion: 63 Resp: 54037
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.6 37.0



#40
 Dibromomethane
 Concen: 20.945 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 93 Resp: 30781
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 158.8
 174 97.7 0.0 224.2





#41

Bromodichloromethane

Concen: 20.675 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

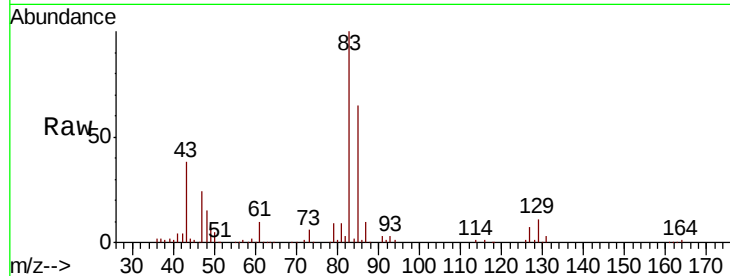
Tgt Ion: 83 Resp: 59743

Ion Ratio Lower Upper

83 100

85 65.4 51.1 76.7

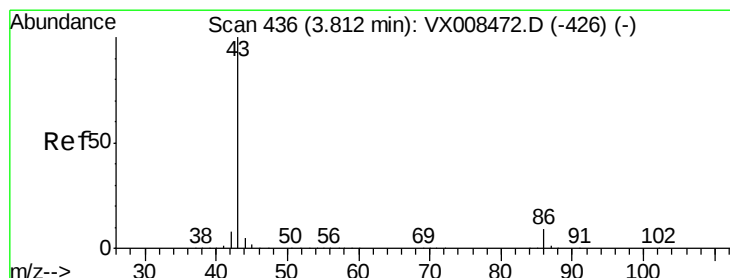
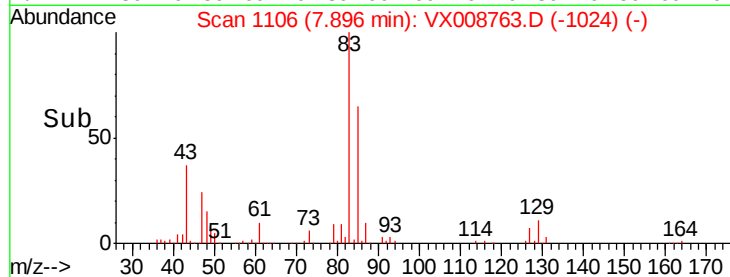
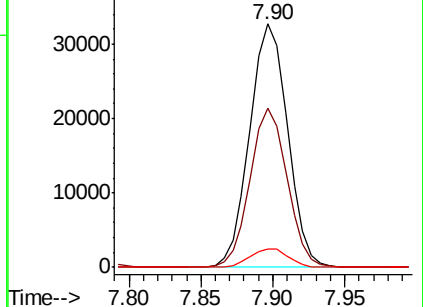
127 7.5 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 110.533 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008763.D

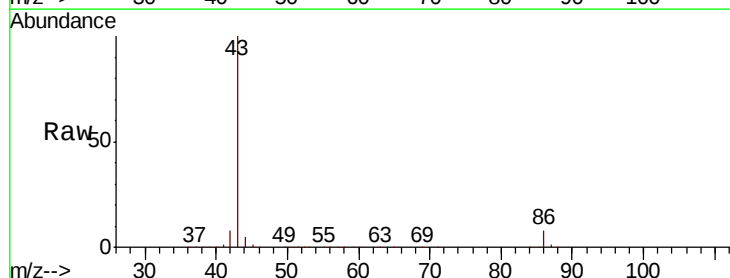
Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 806240

Ion Ratio Lower Upper

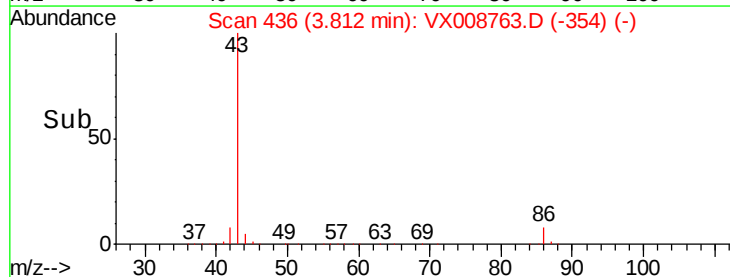
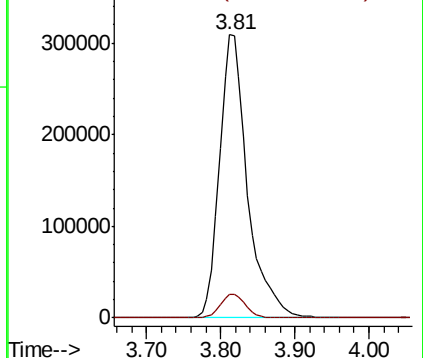
43 100

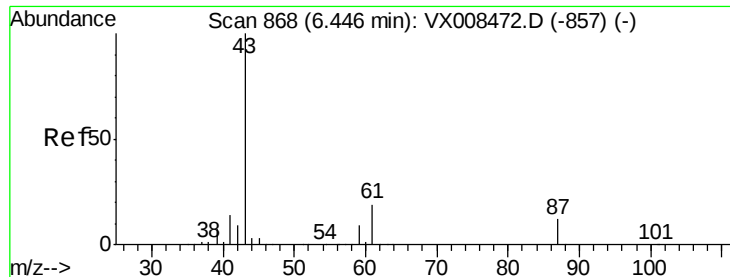
86 7.6 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#44

Isopropyl Acetate

Concen: 22.006 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

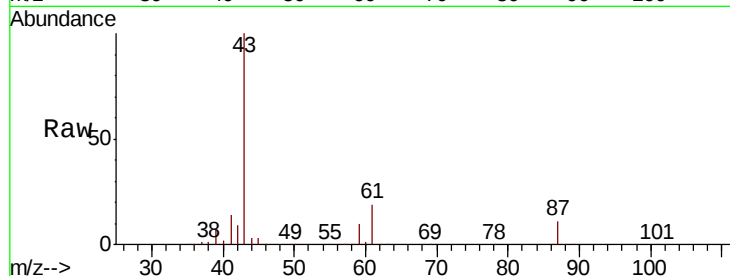
VX0409WBS01

Tgt Ion: 43 Resp: 137808

Ion Ratio Lower Upper

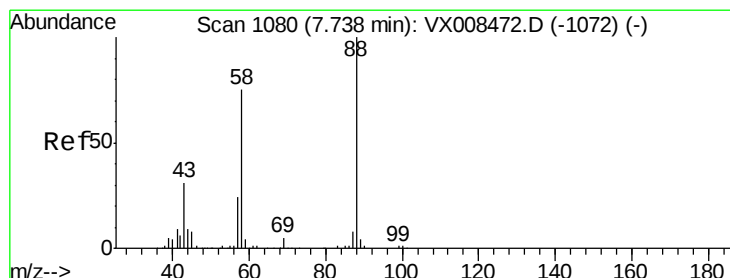
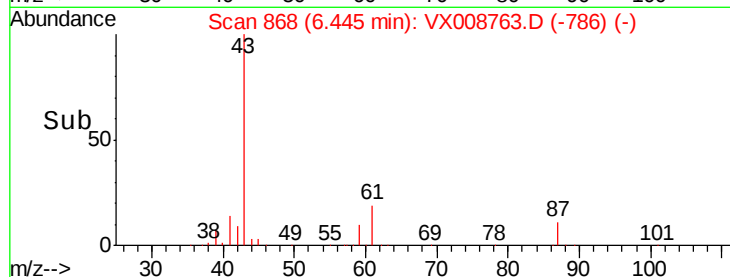
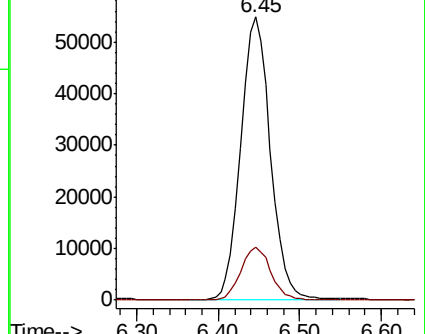
43 100

61 19.0 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: 416.623 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

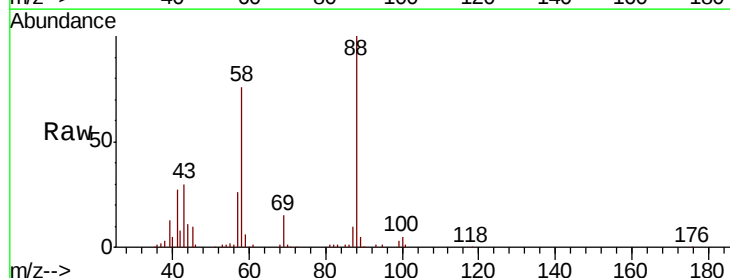
Tgt Ion: 88 Resp: 25972

Ion Ratio Lower Upper

88 100

43 35.4 23.6 35.4#

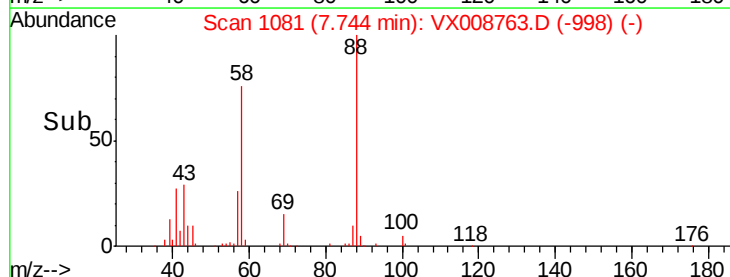
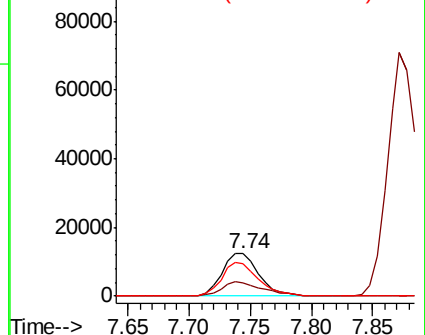
58 79.2 51.6 77.4#

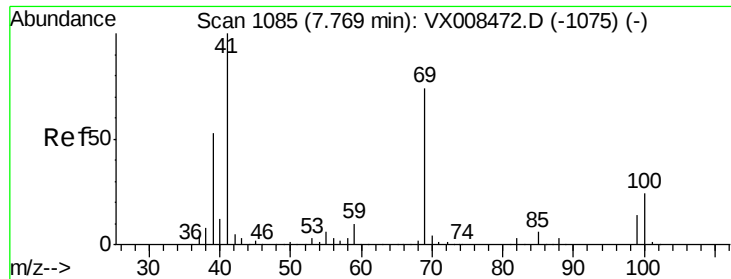


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

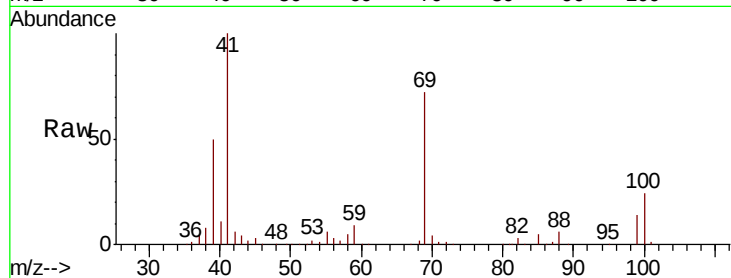




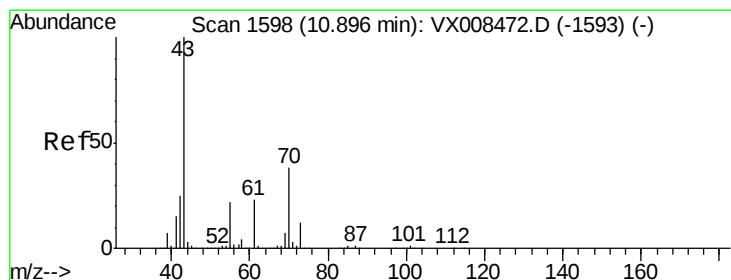
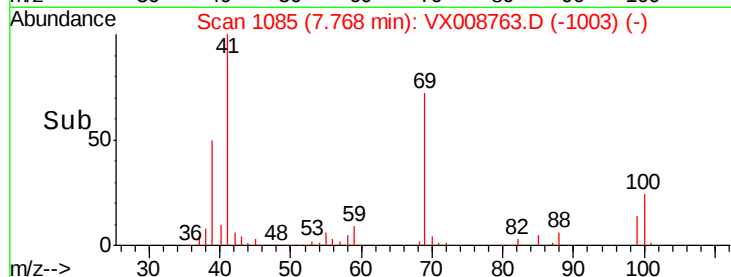
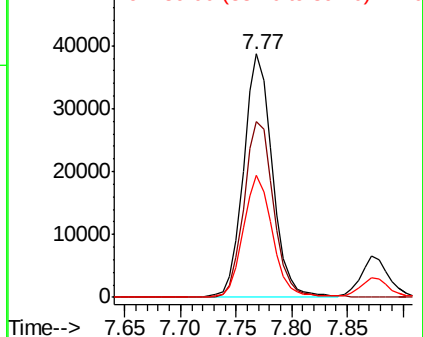
#46
Methyl methacrylate
Concen: 21.742 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion: 41 Resp: 69149
Ion Ratio Lower Upper
41 100
69 72.2 44.2 132.6
39 49.9 29.9 89.8

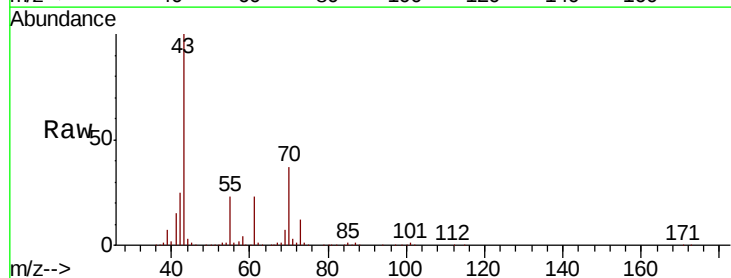


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

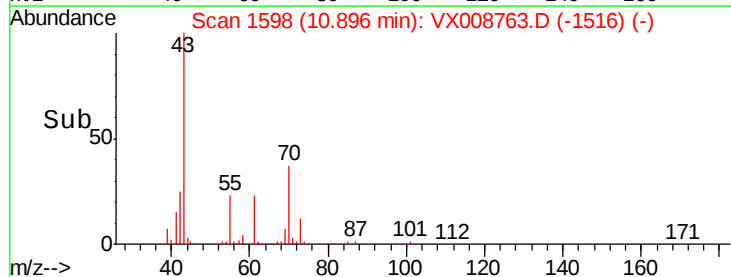
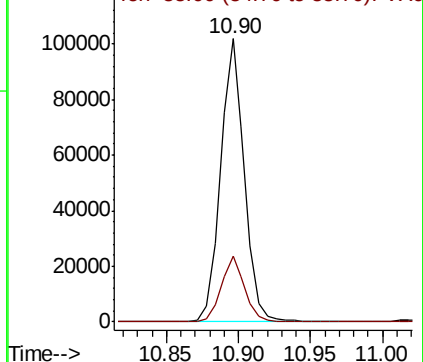


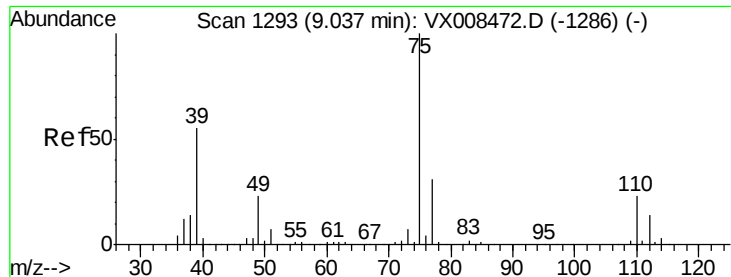
#47
n-ethyl acetate
Concen: 20.553 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 116912
Ion Ratio Lower Upper
43 100
55 23.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

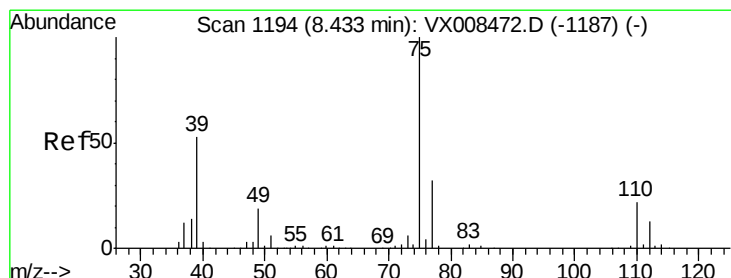
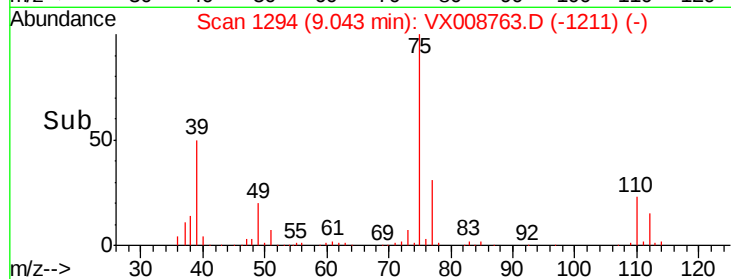
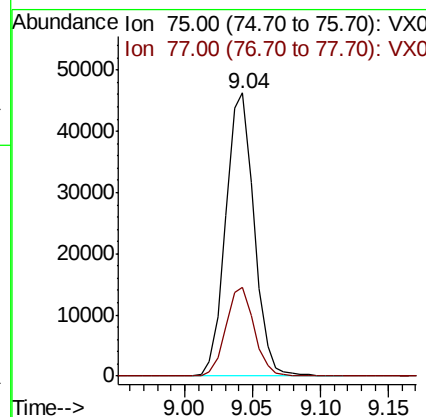
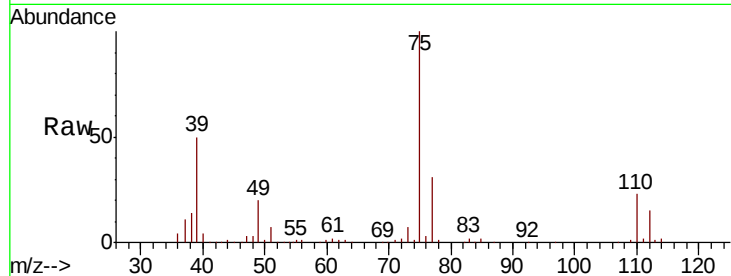




#48
t-1,3-Dichloropropene
Concen: 20.559 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

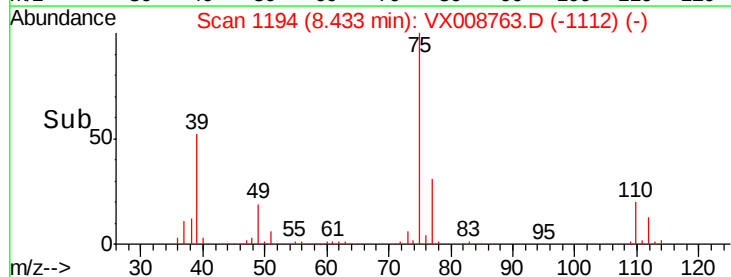
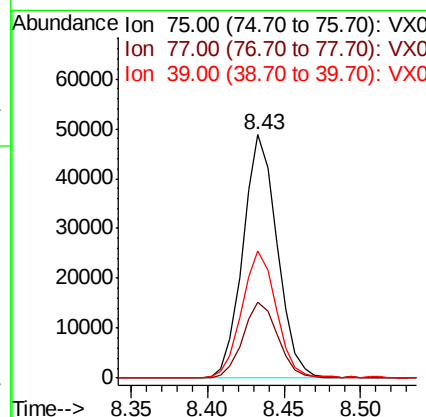
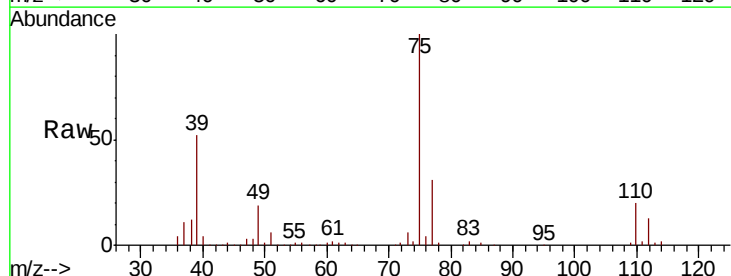
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

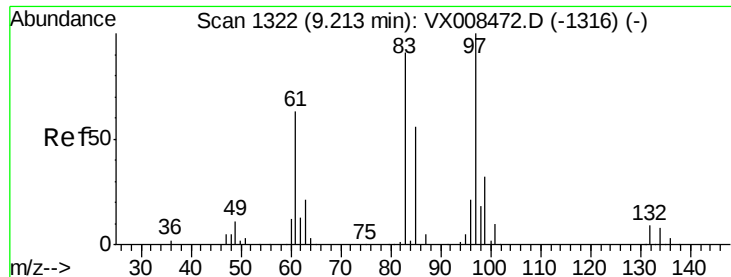
Tgt Ion: 75 Resp: 67102
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#49
cis-1,3-Dichloropropene
Concen: 20.865 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 75 Resp: 76174
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 51.9 38.5 57.7

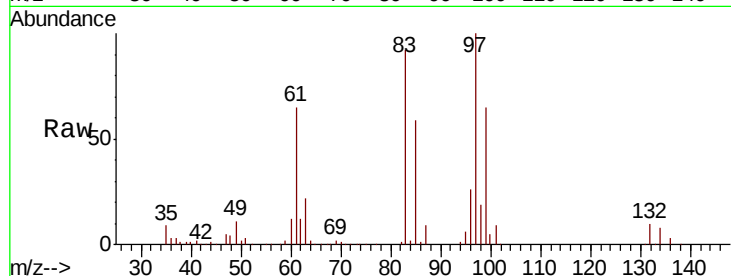




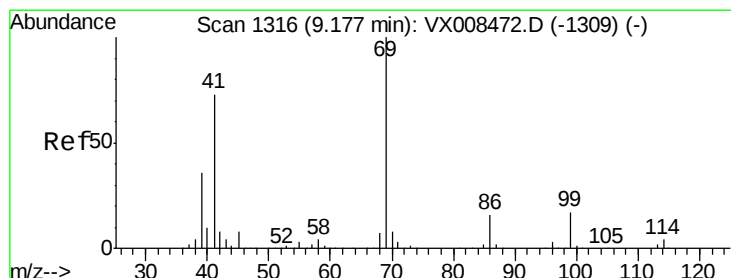
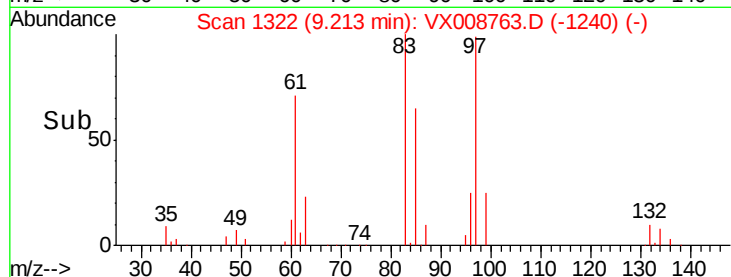
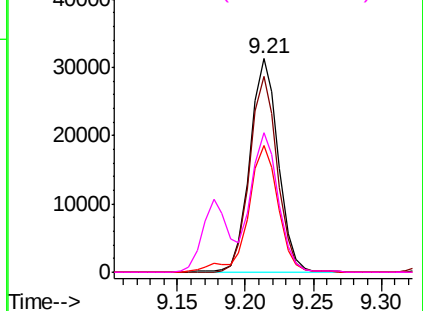
#50
 1,1,2-Trichloroethane
 Concen: 21.158 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tgt Ion:	97	Resp:	46169
Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.0	108.0
85	59.1	45.0	67.6
99	65.1	54.2	81.4

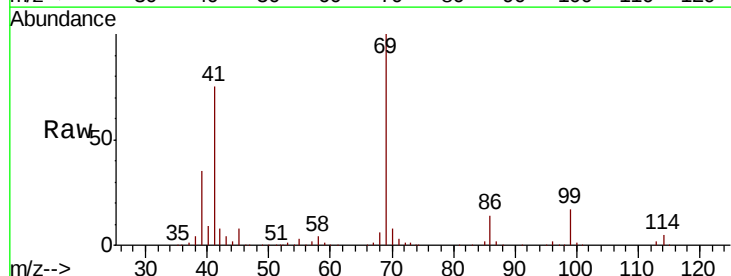


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

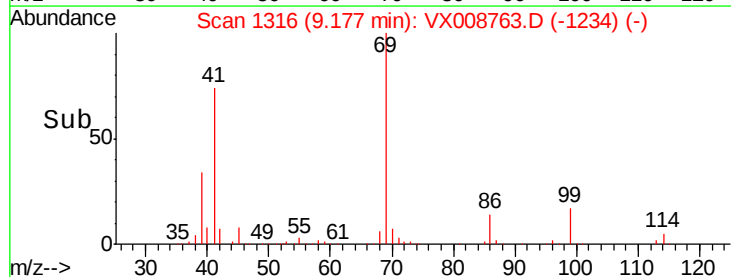
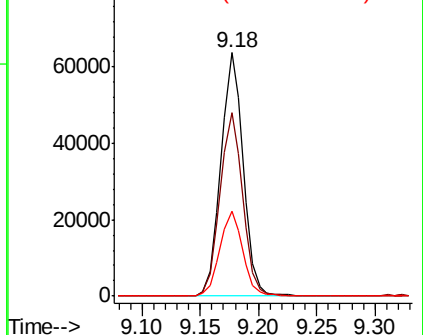


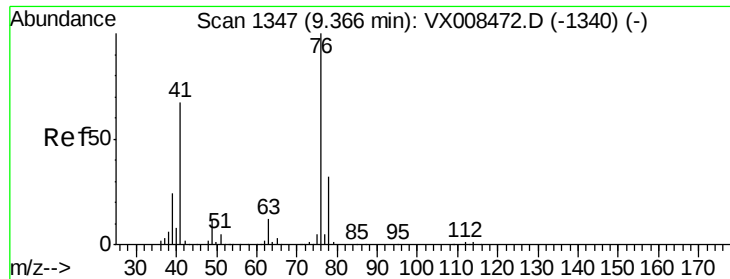
#51
 Ethyl methacrylate
 Concen: 20.814 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion:	69	Resp:	84520
Ion	Ratio	Lower	Upper
69	100		
41	75.3	32.1	96.5
39	34.6	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: 21.143 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

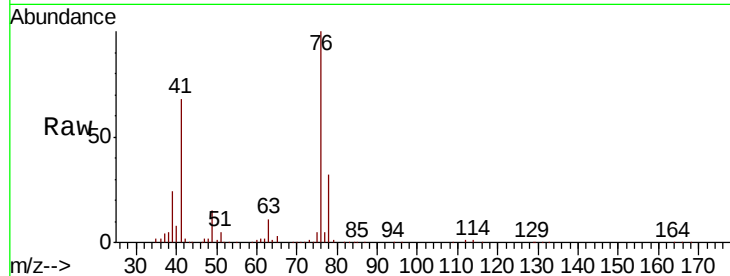
VX0409WBS01

Tgt Ion: 76 Resp: 82081

Ion Ratio Lower Upper

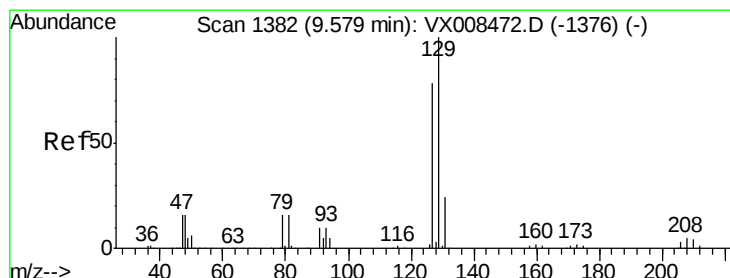
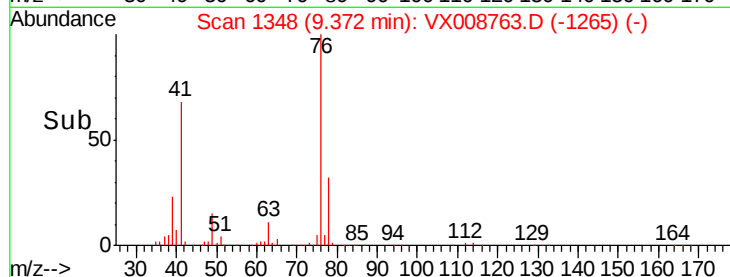
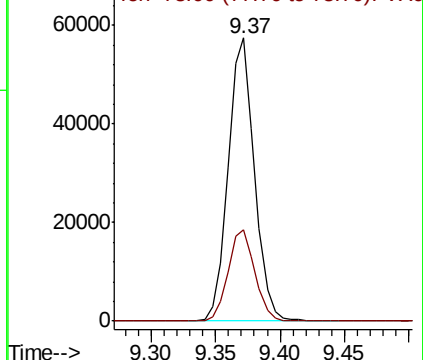
76 100

78 32.8 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: 20.342 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008763.D

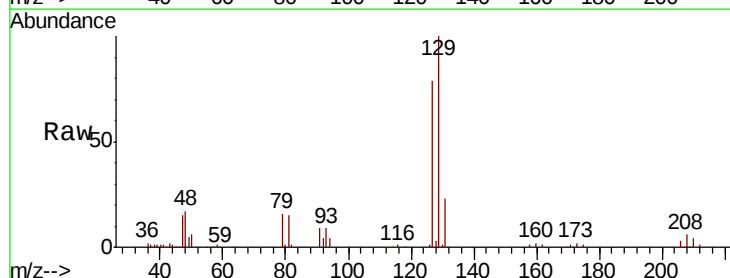
Acq: 09 Apr 2019 11:29

Tgt Ion: 129 Resp: 43682

Ion Ratio Lower Upper

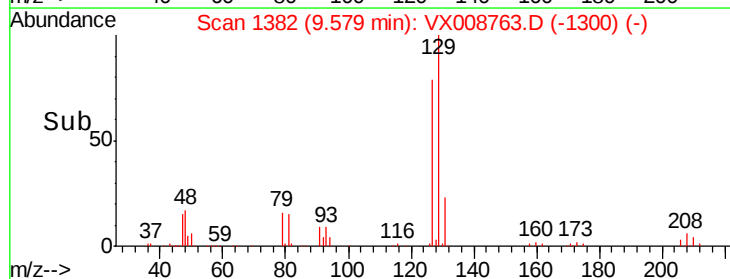
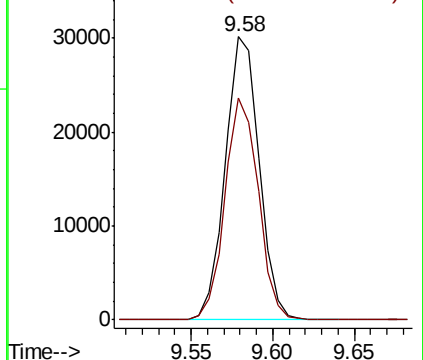
129 100

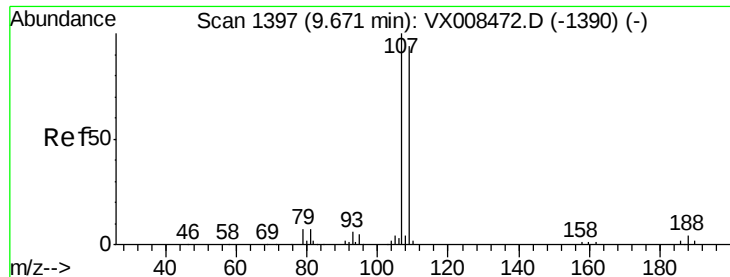
127 77.2 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 20.965 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

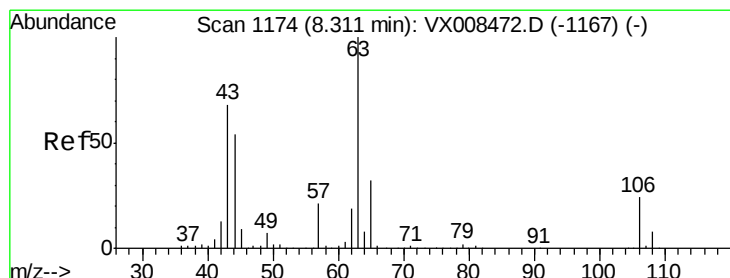
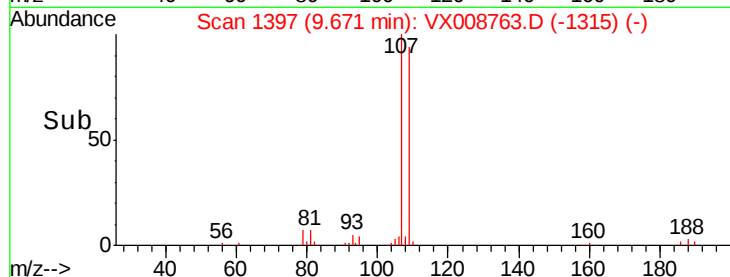
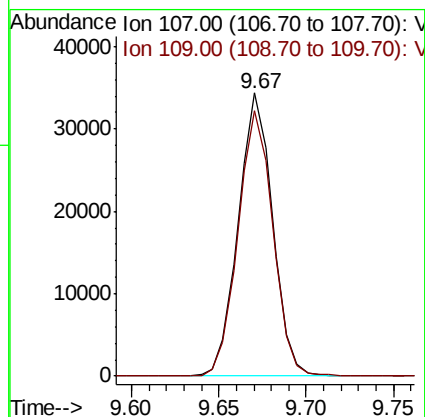
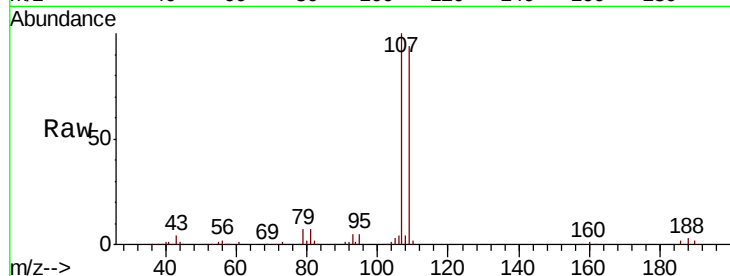
VX0409WBS01

Tgt Ion: 107 Resp: 47161

Ion Ratio Lower Upper

107 100

109 94.4 76.6 115.0



#55

2-Chloroethyl vinyl ether

Concen: 99.046 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

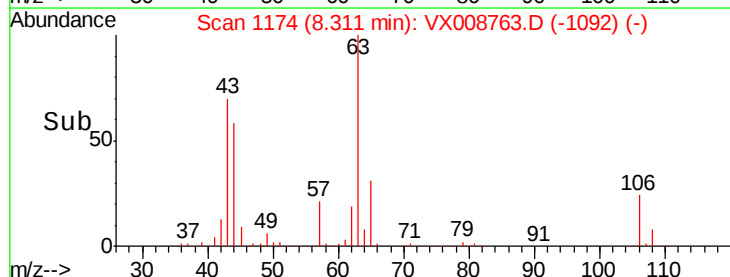
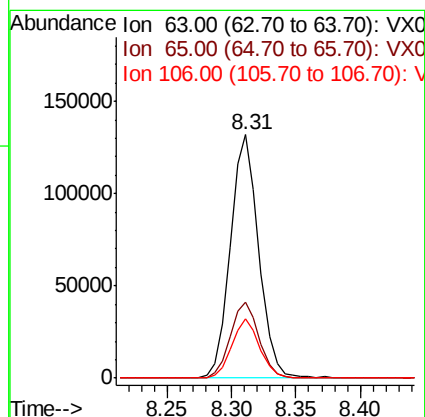
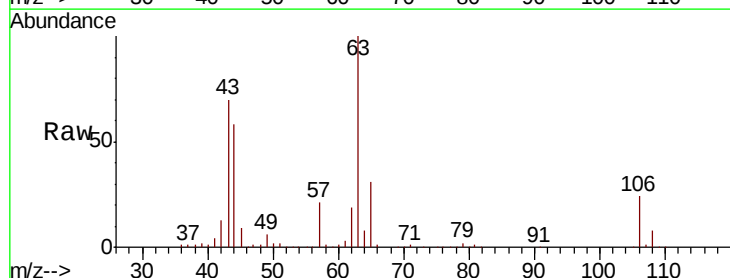
Tgt Ion: 63 Resp: 202910

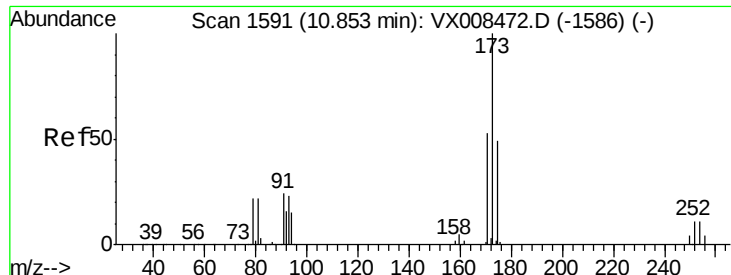
Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5

106 24.0 23.7 35.5





#56

Bromoform

Concen: 20.085 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

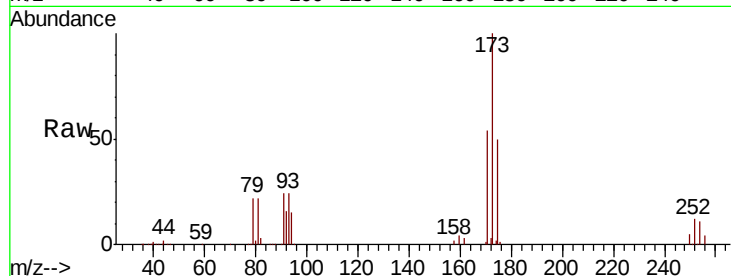
Tgt Ion:173 Resp: 31432

Ion Ratio Lower Upper

173 100

175 49.9 38.5 57.7

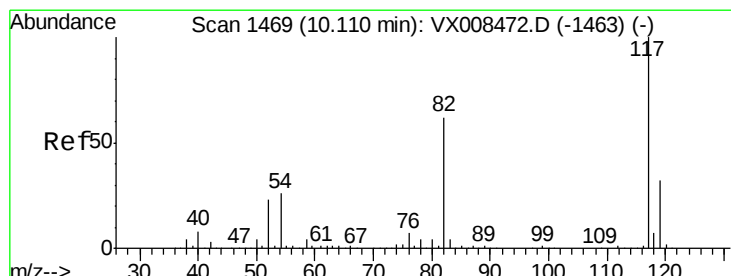
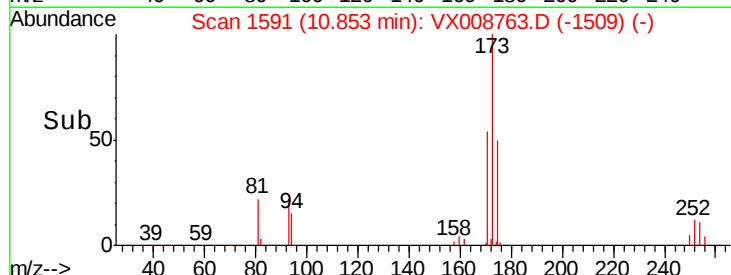
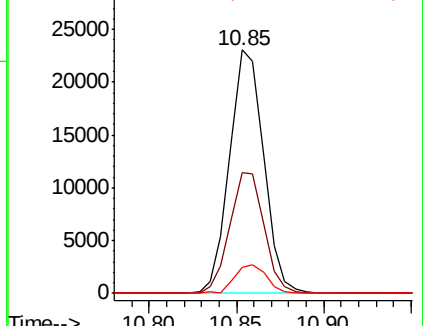
254 10.8 7.4 11.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

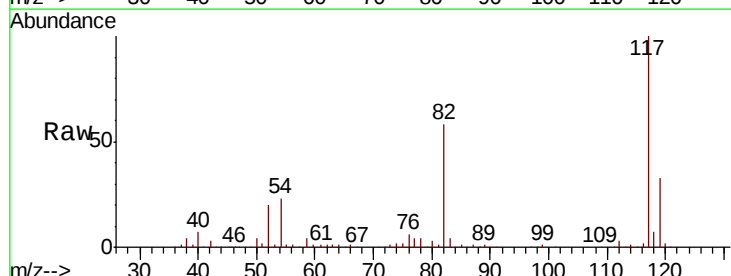
Tgt Ion:117 Resp: 151800

Ion Ratio Lower Upper

117 100

82 60.2 40.4 60.6

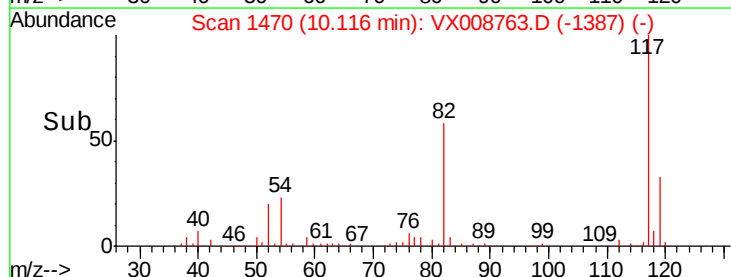
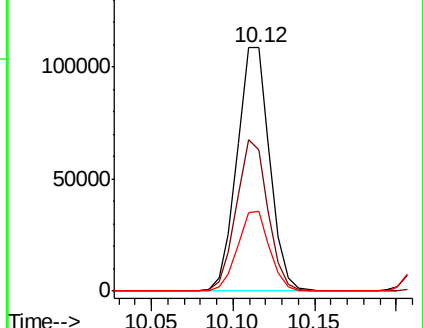
119 32.1 25.8 38.6

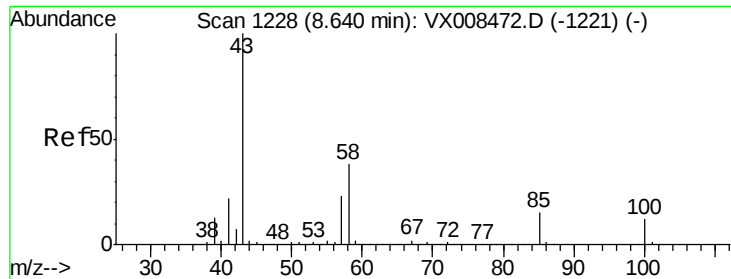


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

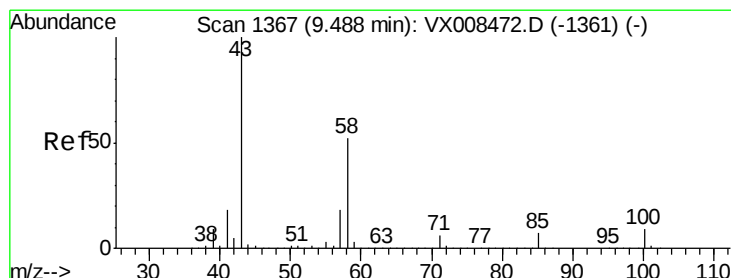
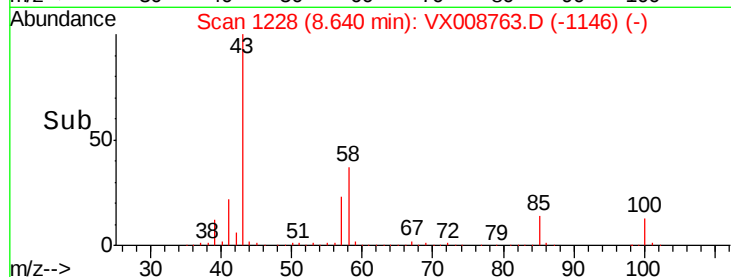
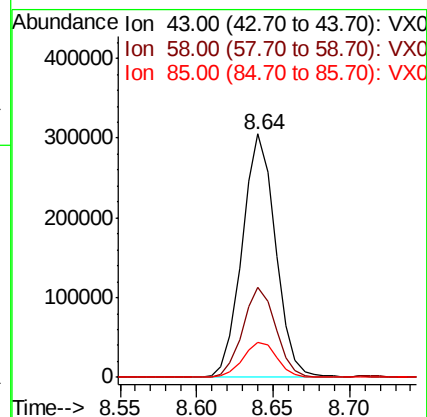
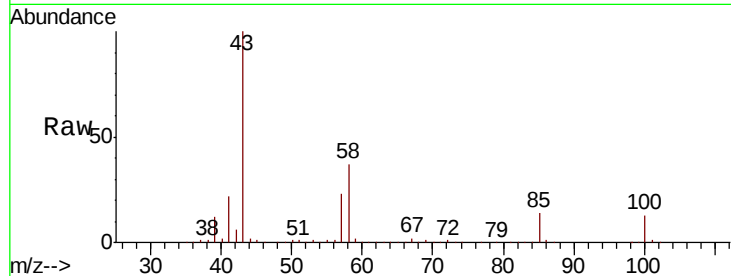




#58
 4-Methyl-2-Pentanone
 Concen: 115.576 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

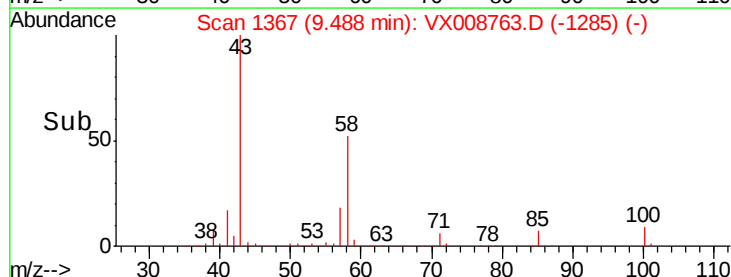
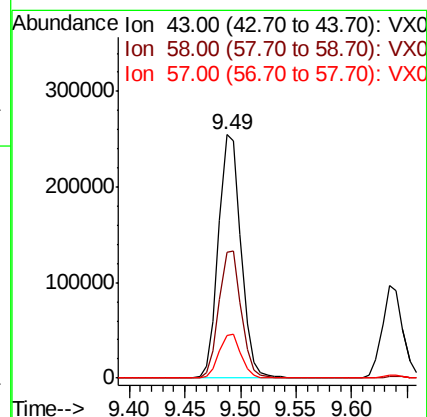
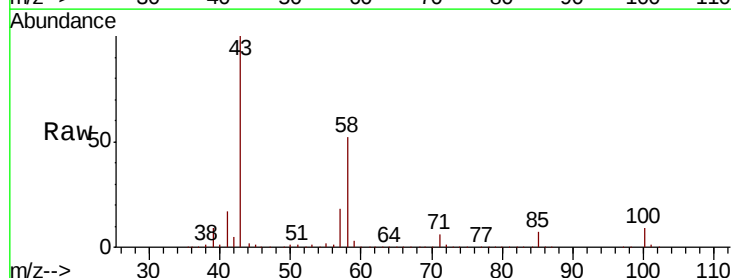
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

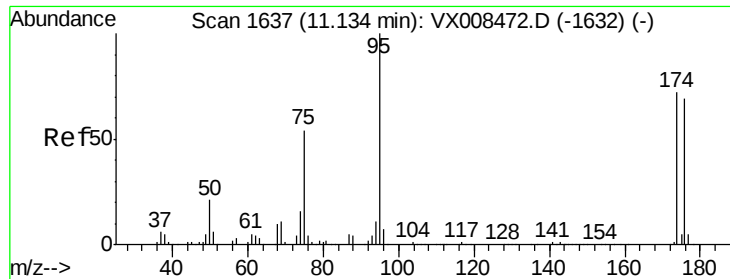
Tgt Ion: 43 Resp: 462851
 Ion Ratio Lower Upper
 43 100
 58 36.8 31.4 47.0
 85 14.8 15.0 22.6#



#59
 2-Hexanone
 Concen: 113.287 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 358432
 Ion Ratio Lower Upper
 43 100
 58 51.9 43.9 65.9
 57 17.9 14.9 22.3

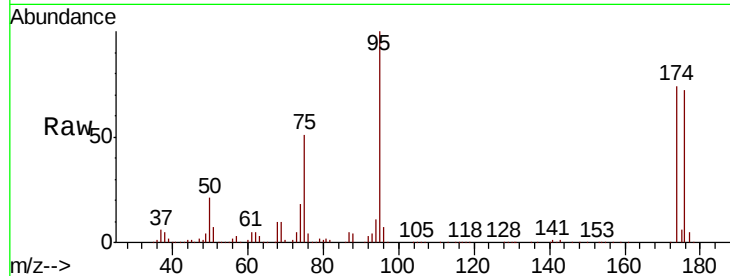




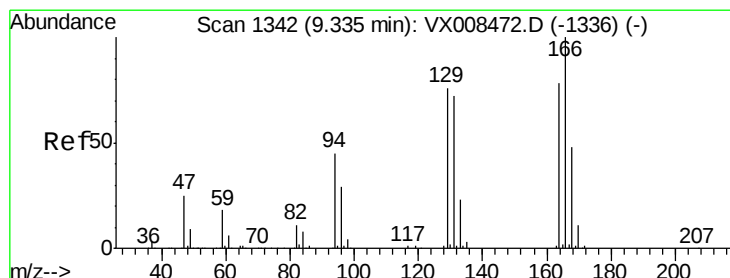
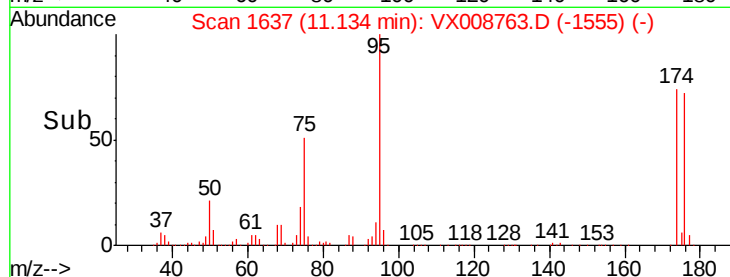
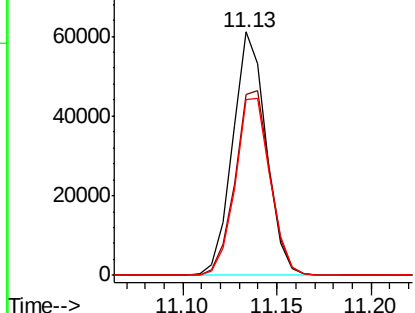
#60
 4-Bromofluorobenzene
 Concen: 28.434 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tgt Ion: 95 Resp: 75204
 Ion Ratio Lower Upper
 95 100
 174 79.5 74.9 112.3
 176 76.2 70.7 106.1



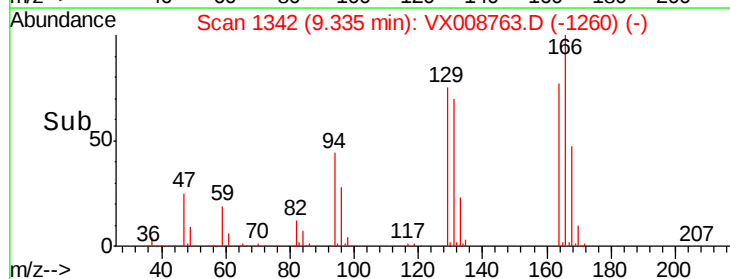
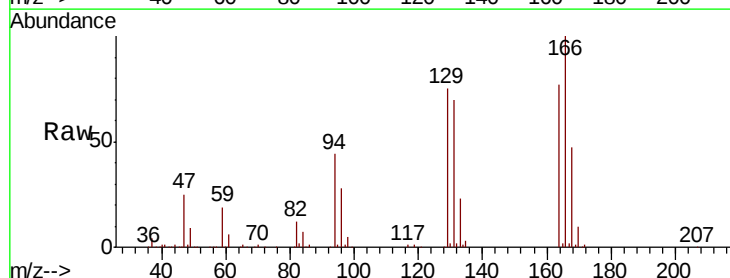
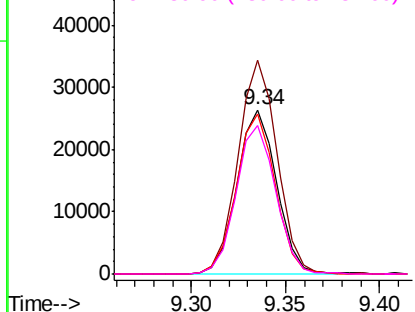
Abundance Ion 95.00 (94.70 to 95.70): VX
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V

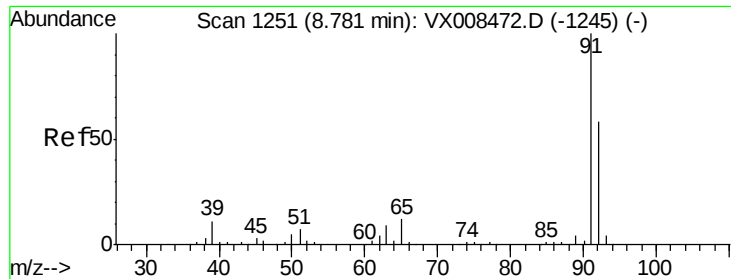


#61
 Tetrachloroethene
 Concen: 23.021 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 164 Resp: 38225
 Ion Ratio Lower Upper
 164 100
 166 130.0 103.9 155.9
 129 97.2 74.7 112.1
 131 90.7 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: 21.442 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

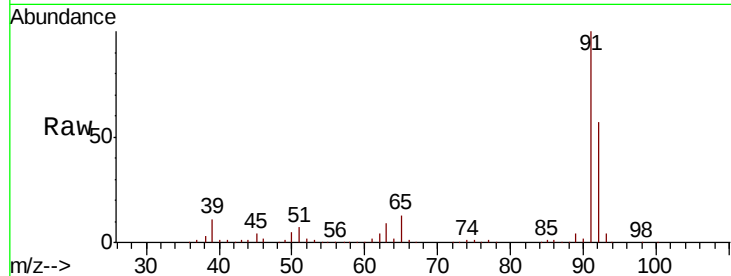
VX0409WBS01

Tgt Ion: 91 Resp: 197072

Ion Ratio Lower Upper

91 100

92 57.2 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

8.78

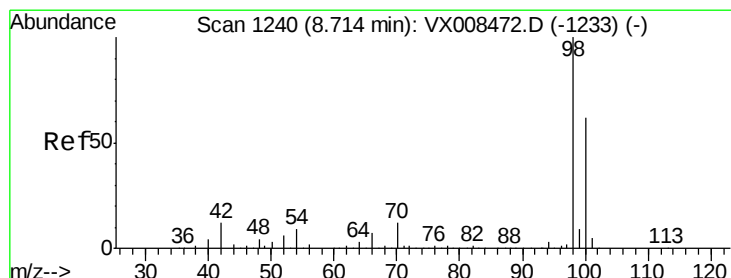
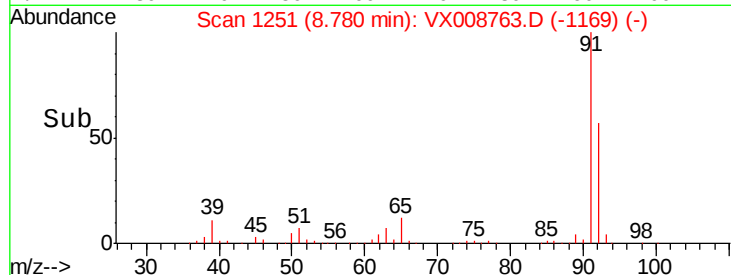
150000

100000

50000

0

Time-->



#63

Toluene-d8

Concen: 30.405 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008763.D

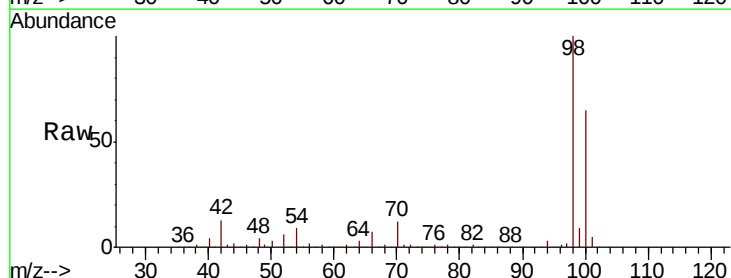
Acq: 09 Apr 2019 11:29

Tgt Ion: 98 Resp: 219085

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

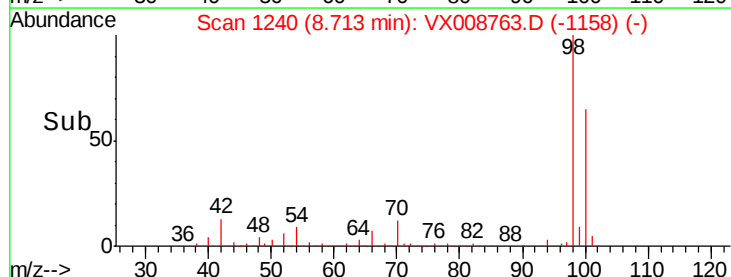
150000

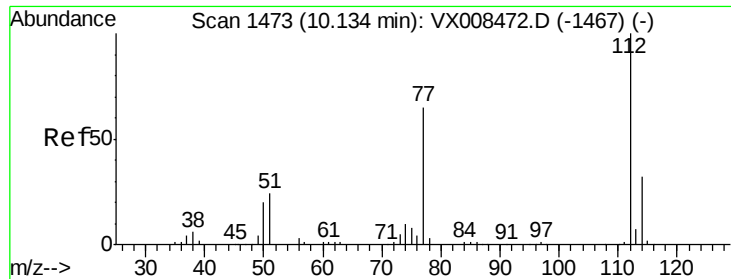
100000

50000

0

Time-->

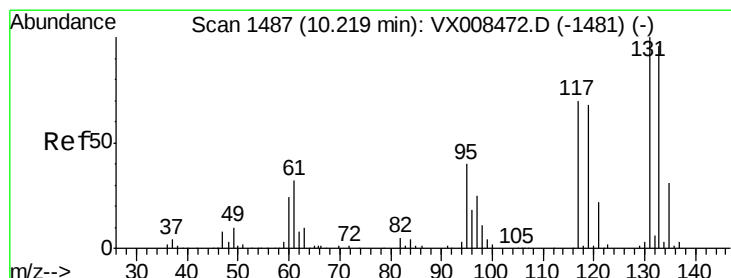
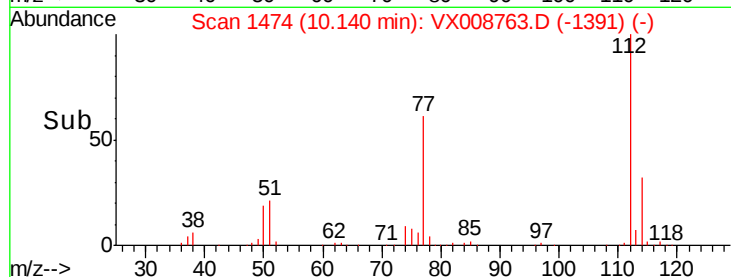
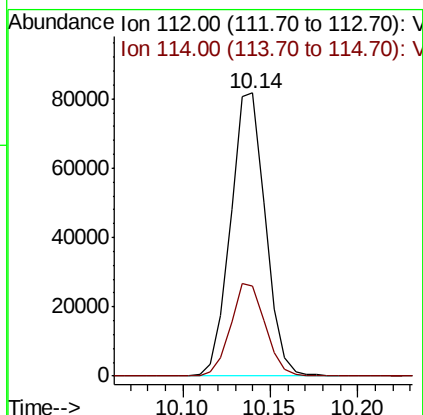
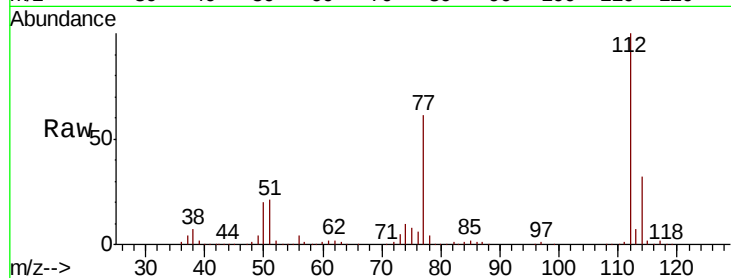




#64
Chlorobenzene
Concen: 20.970 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

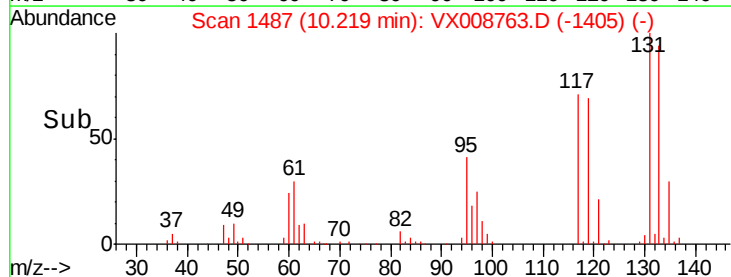
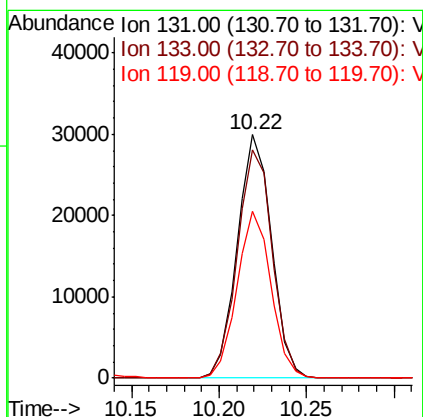
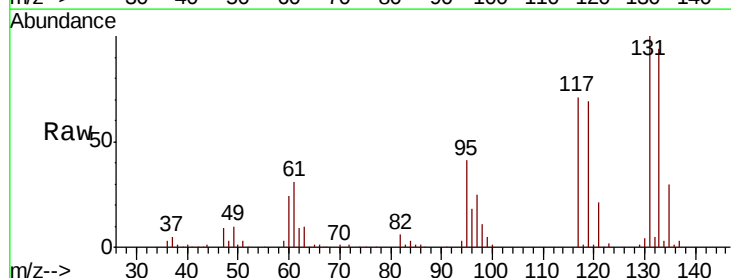
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

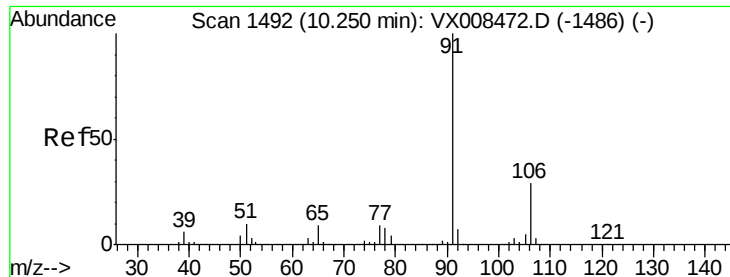
Tgt Ion:112 Resp: 112933
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#65
1,1,1,2-Tetrachloroethane
Concen: 21.465 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:131 Resp: 40755
Ion Ratio Lower Upper
131 100
133 95.9 0.0 191.6
119 68.5 0.0 127.4





#66

Ethyl Benzene

Concen: 20.799 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

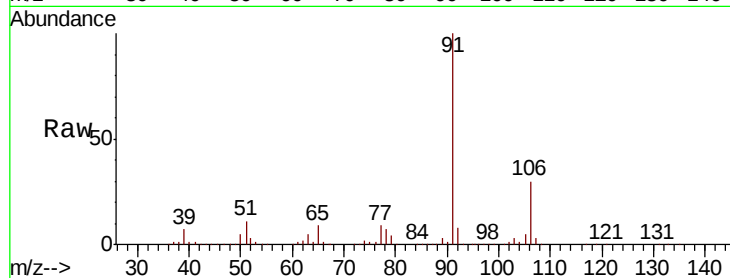
VX0409WBS01

Tgt Ion: 91 Resp: 212183

Ion Ratio Lower Upper

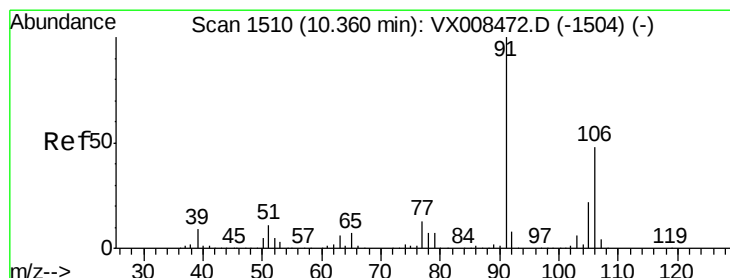
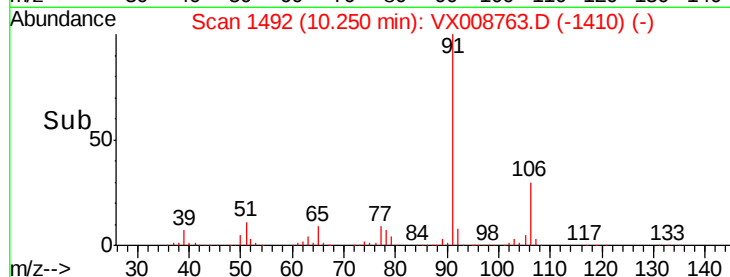
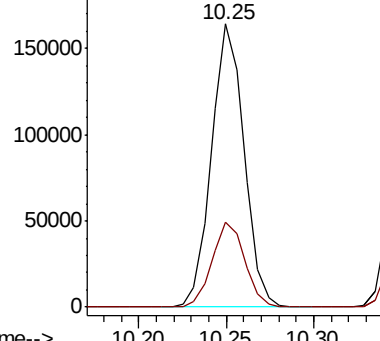
91 100

106 30.1 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#67

m/p-Xylenes

Concen: 40.800 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008763.D

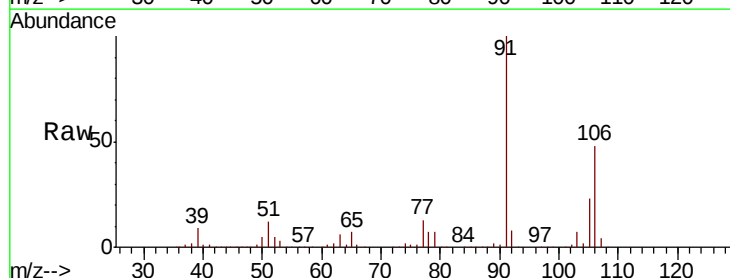
Acq: 09 Apr 2019 11:29

Tgt Ion: 106 Resp: 151812

Ion Ratio Lower Upper

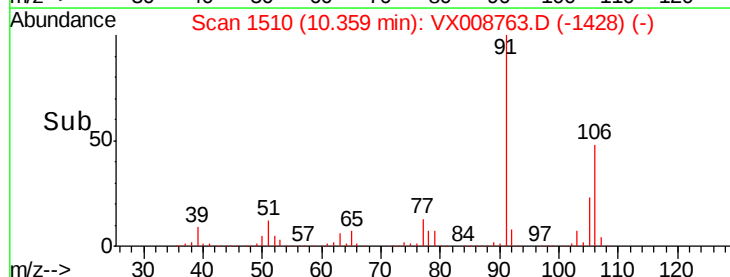
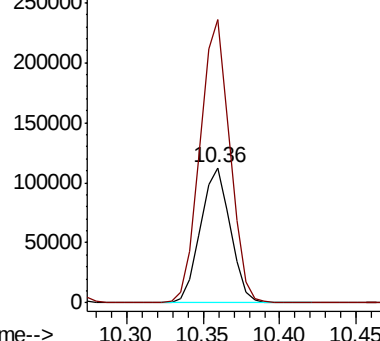
106 100

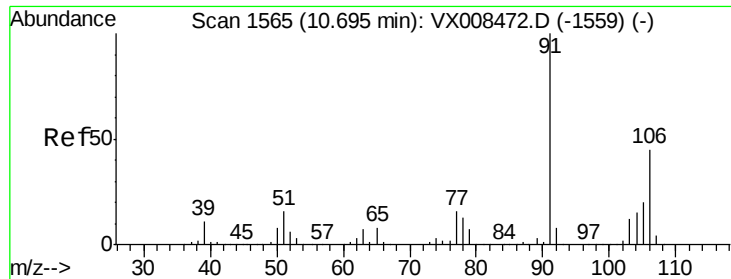
91 209.8 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

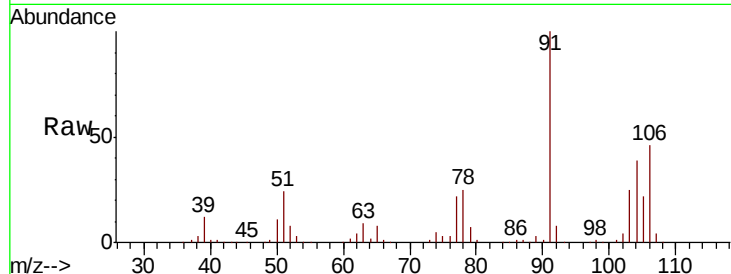




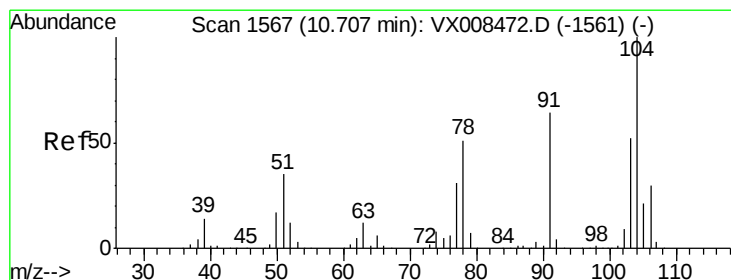
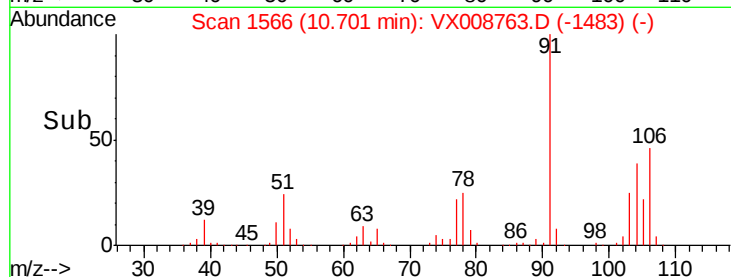
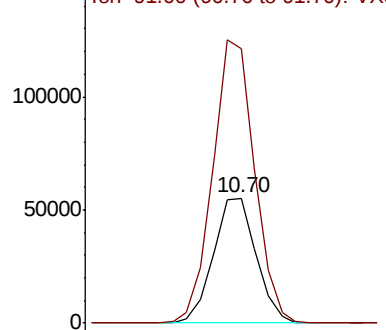
#68
o-Xylene
Concen: 20.426 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:106 Resp: 74375
Ion Ratio Lower Upper
106 100
91 220.5 104.4 313.2

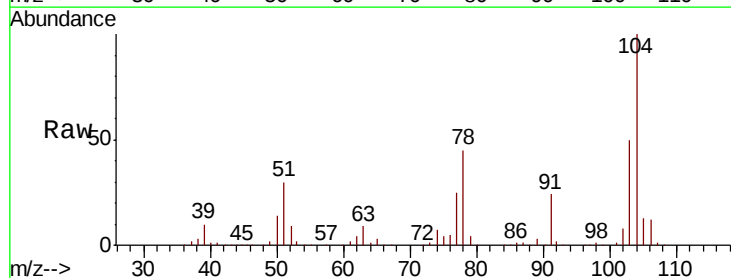


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

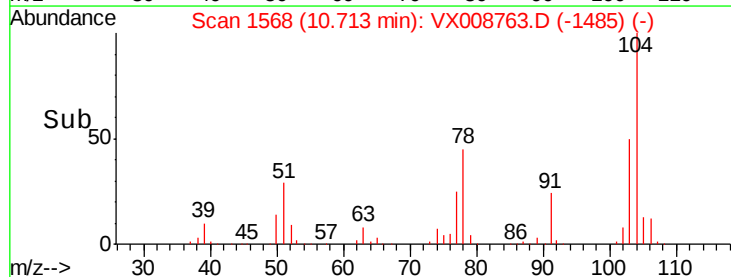
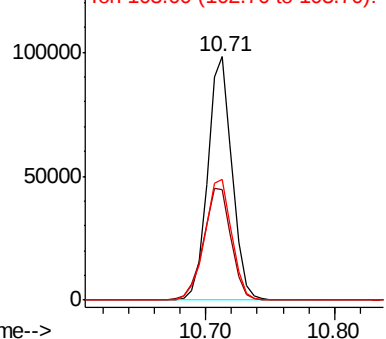


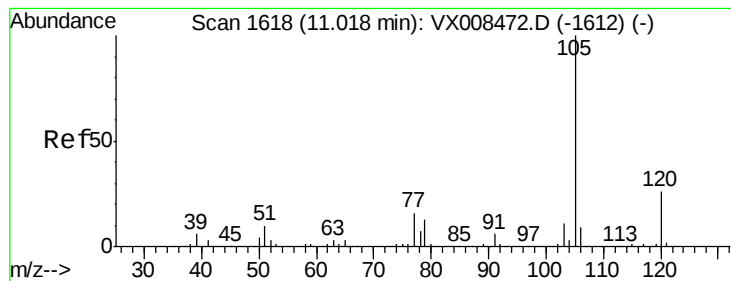
#69
Styrene
Concen: 20.258 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:104 Resp: 128348
Ion Ratio Lower Upper
104 100
78 52.5 38.2 57.2
103 55.4 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: 20.680 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

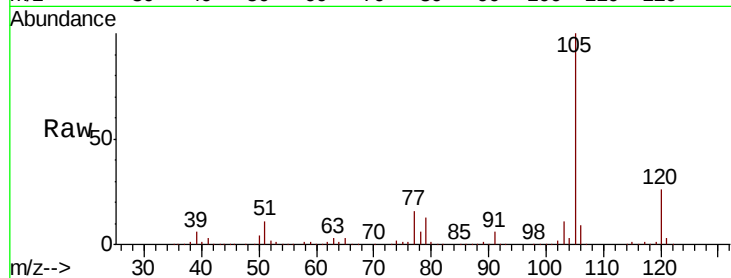
VX0409WBS01

Tgt Ion: 105 Resp: 198623

Ion Ratio Lower Upper

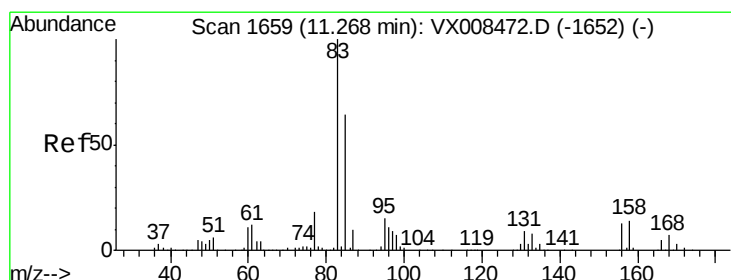
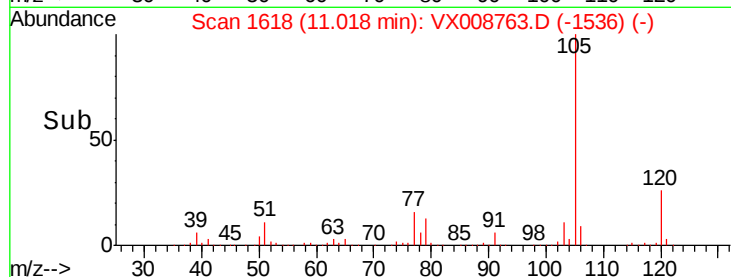
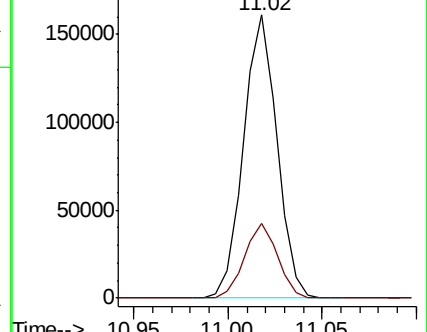
105 100

120 25.8 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 21.326 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

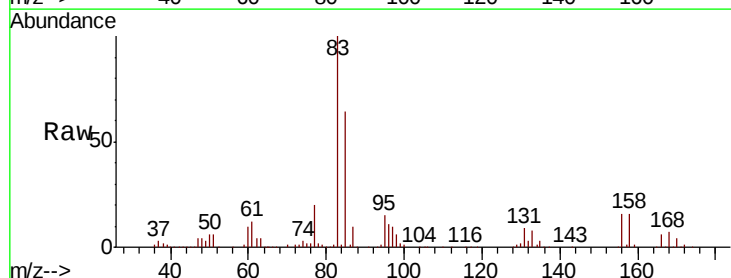
Tgt Ion: 83 Resp: 76519

Ion Ratio Lower Upper

83 100

131 9.5 5.4 16.2

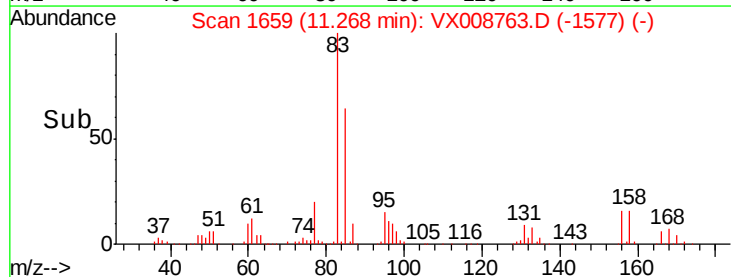
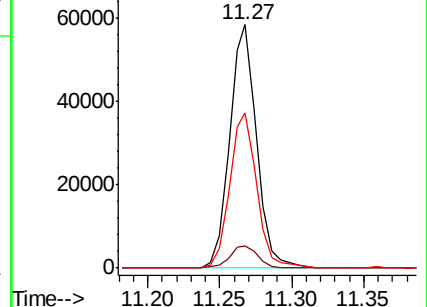
85 64.3 32.8 98.4

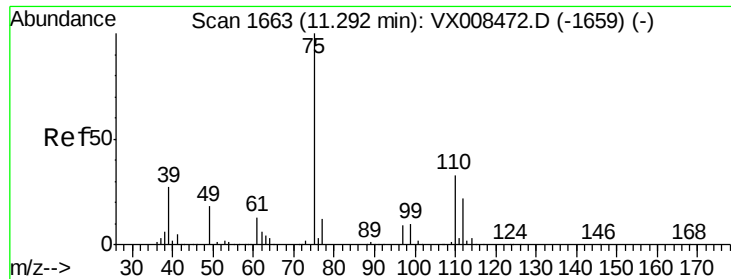


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 29.996 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

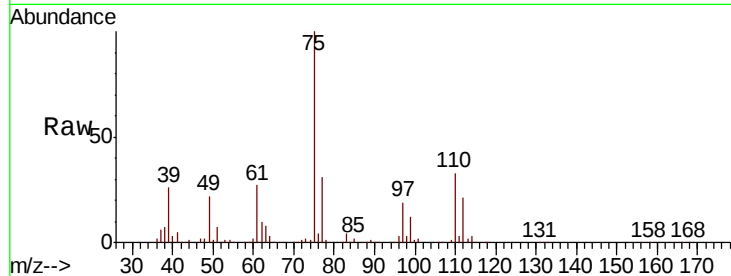
VX0409WBS01

Tgt Ion: 75 Resp: 90975

Ion Ratio Lower Upper

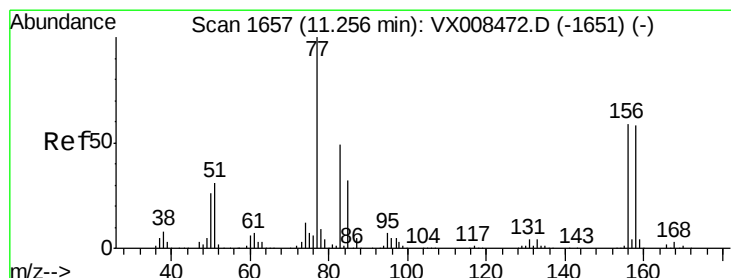
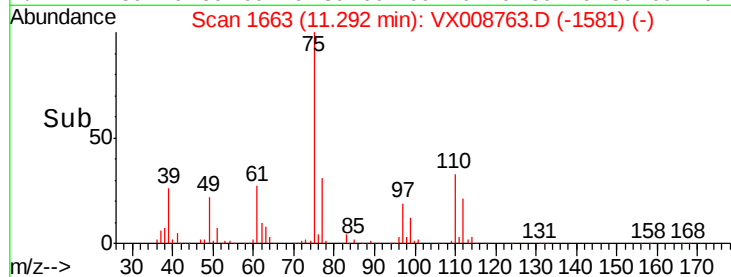
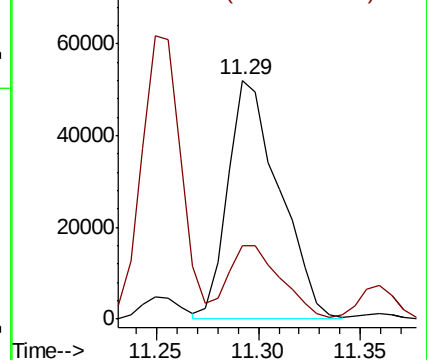
75 100

77 31.9 0.0 76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#73

Bromobenzene

Concen: 20.700 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

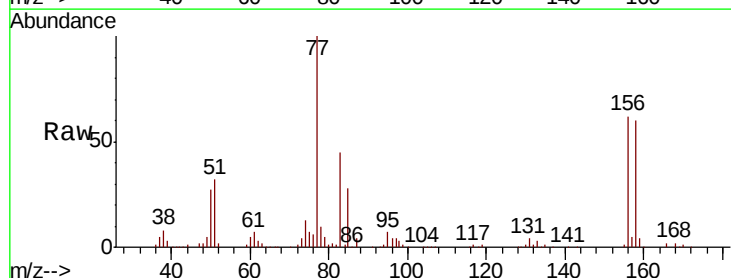
Tgt Ion: 156 Resp: 47303

Ion Ratio Lower Upper

156 100

77 174.7 0.0 271.4

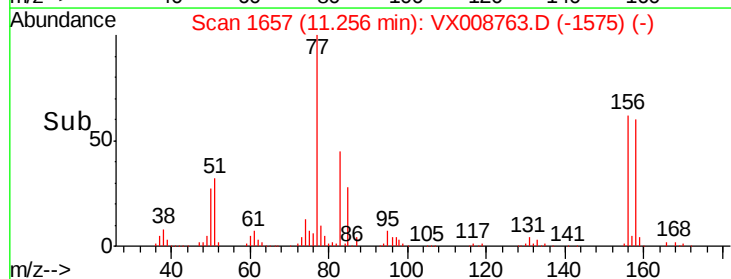
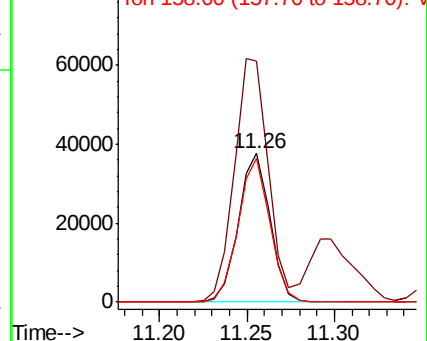
158 97.1 0.0 194.0

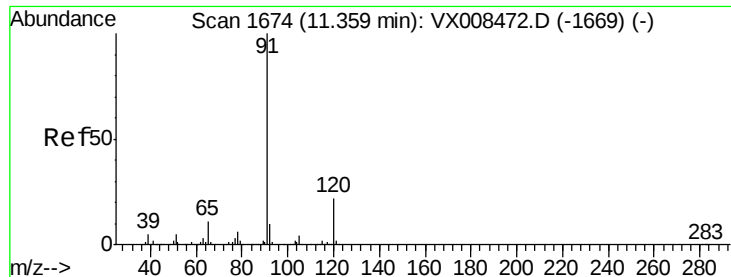


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V





#74

n-propylbenzene

Concen: 20.133 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

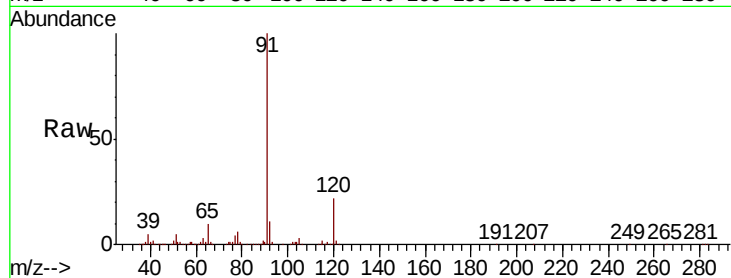
VX0409WBS01

Tgt Ion: 91 Resp: 230374

Ion Ratio Lower Upper

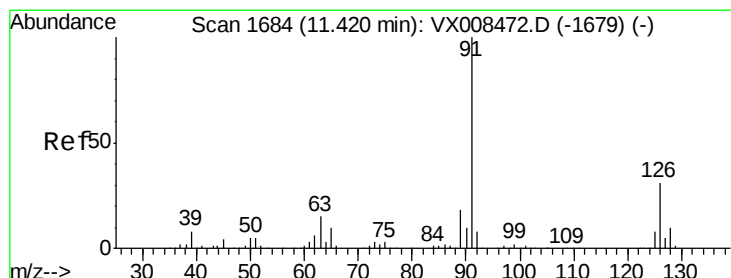
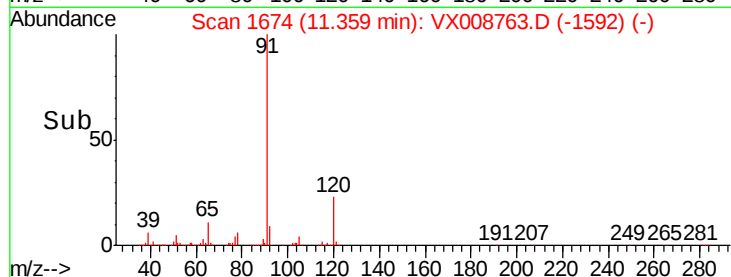
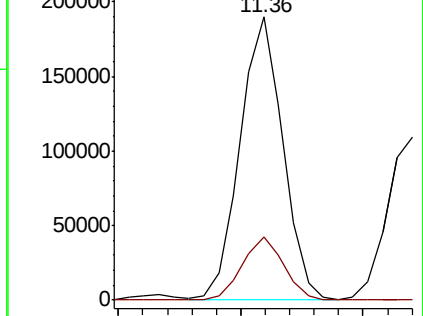
91 100

120 21.8 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: 20.152 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008763.D

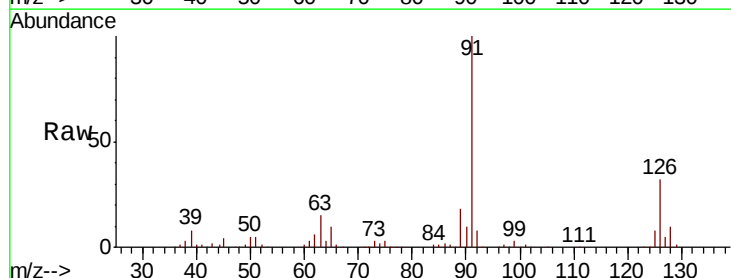
Acq: 09 Apr 2019 11:29

Tgt Ion: 91 Resp: 137186

Ion Ratio Lower Upper

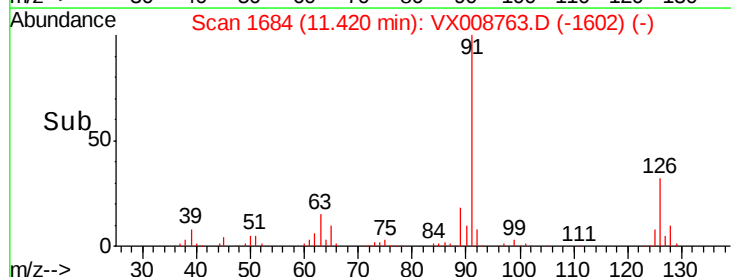
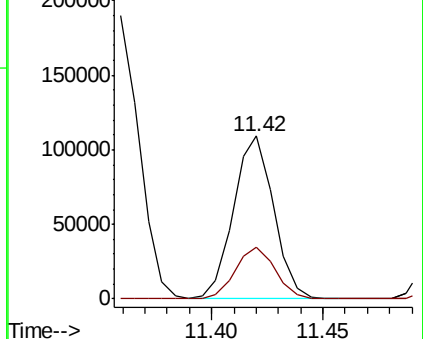
91 100

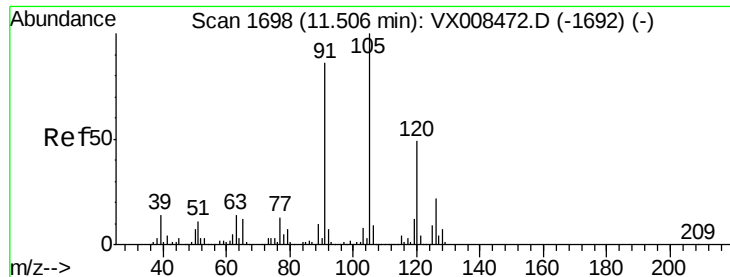
126 31.5 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#76

1,3,5-Trimethylbenzene

Concen: 20.309 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

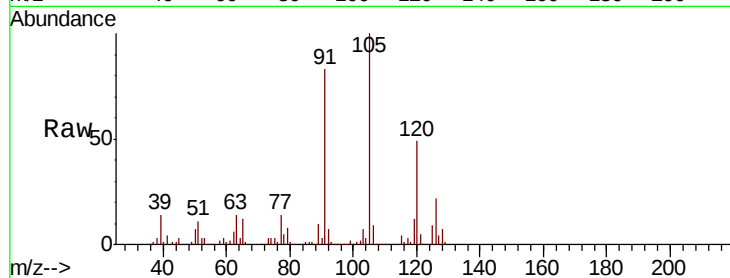
VX0409WBS01

Tgt Ion:105 Resp: 166772

Ion Ratio Lower Upper

105 100

120 47.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

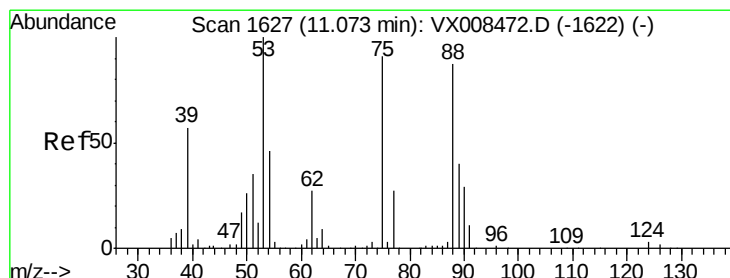
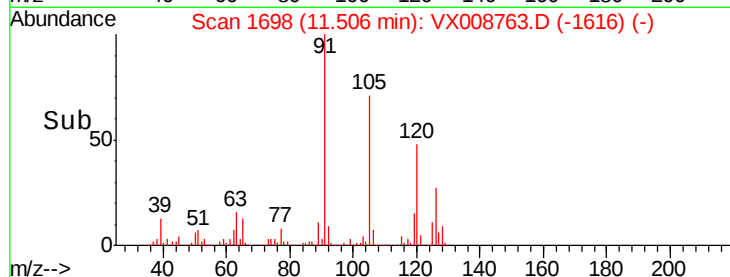
150000

100000

50000

0

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 20.803 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

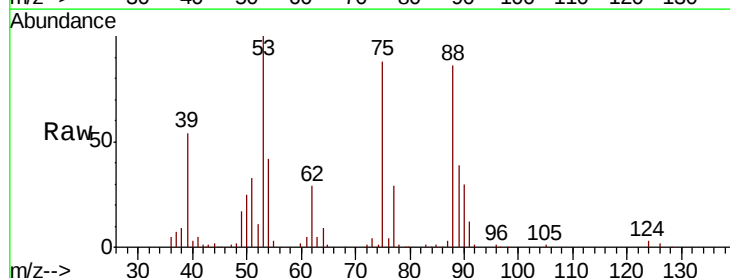
Tgt Ion: 75 Resp: 24202

Ion Ratio Lower Upper

75 100

53 113.2 55.5 166.7

89 44.3 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

40000

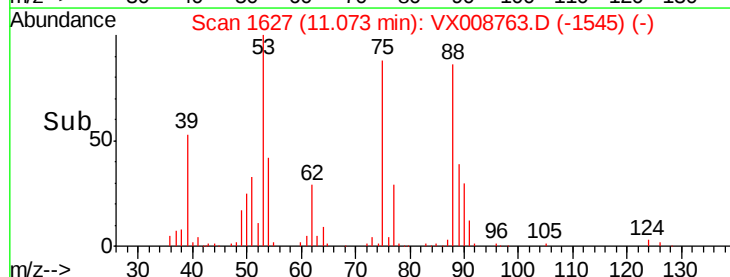
30000

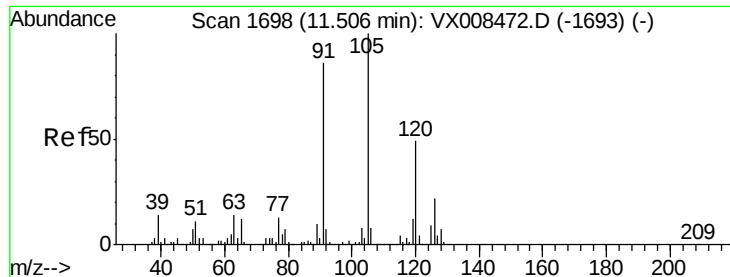
20000

10000

0

Time-->





#78

4-Chlorotoluene

Concen: 19.780 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

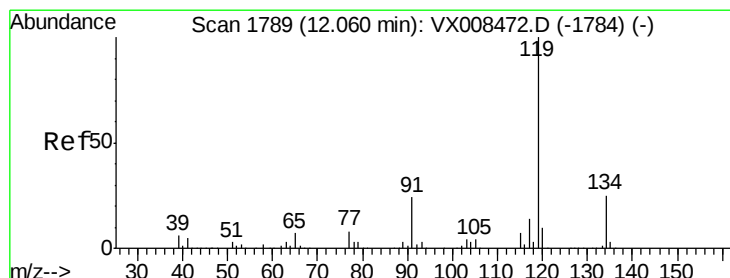
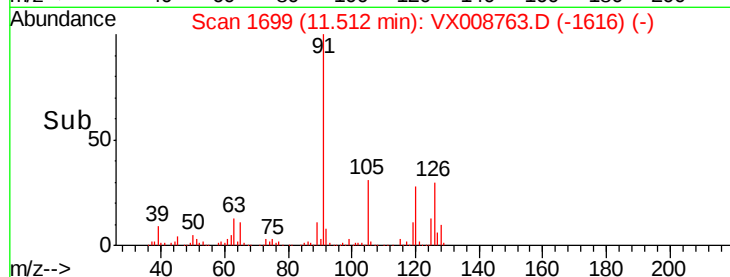
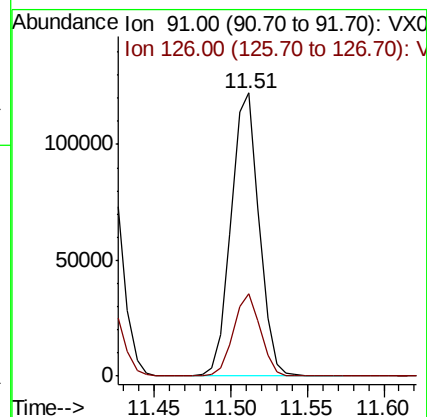
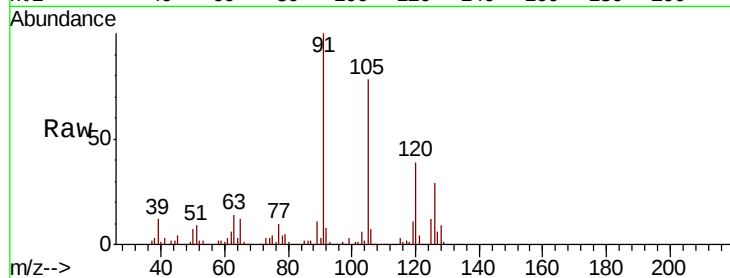
VX0409WBS01

Tgt Ion: 91 Resp: 154969

Ion Ratio Lower Upper

91 100

126 28.1 0.0 66.2



#79

tert-butylbenzene

Concen: 20.217 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

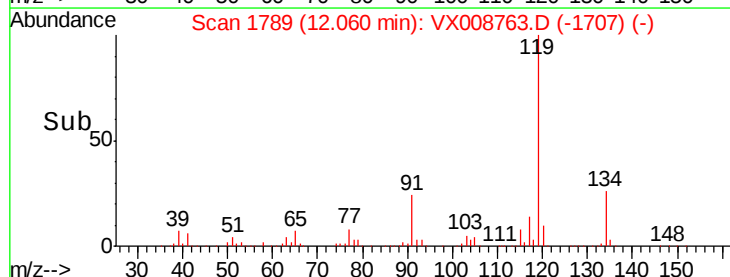
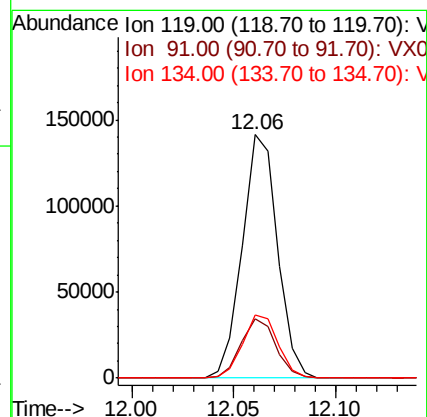
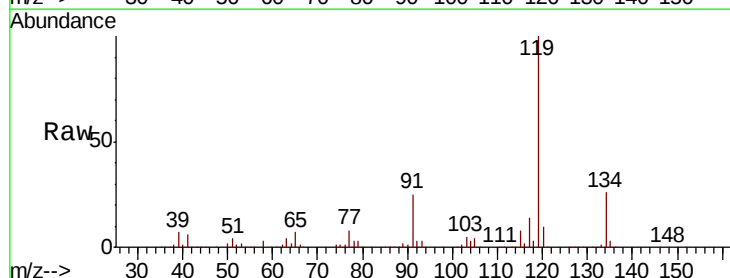
Tgt Ion: 119 Resp: 169656

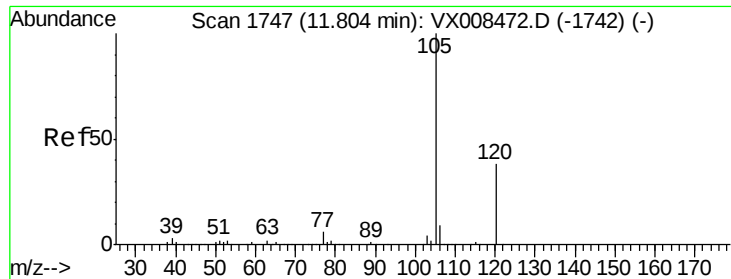
Ion Ratio Lower Upper

119 100

91 24.3 0.0 45.0

134 25.9 0.0 55.4

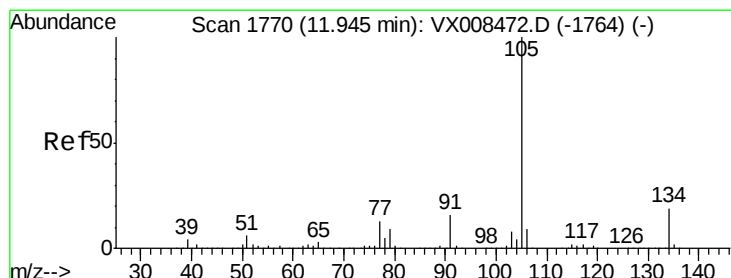
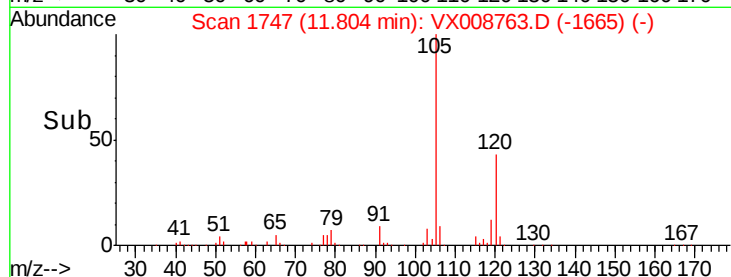
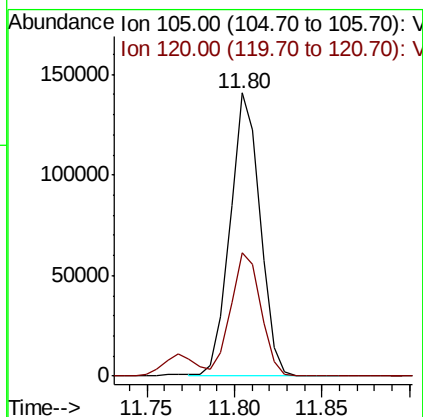
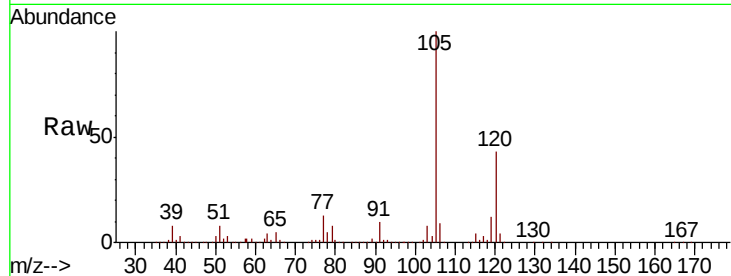




#80
 1,2,4-Trimethylbenzene
 Concen: 20.511 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

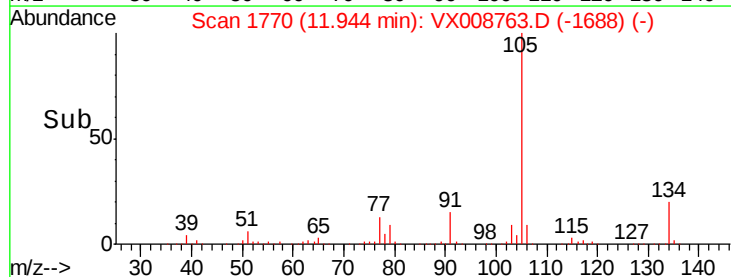
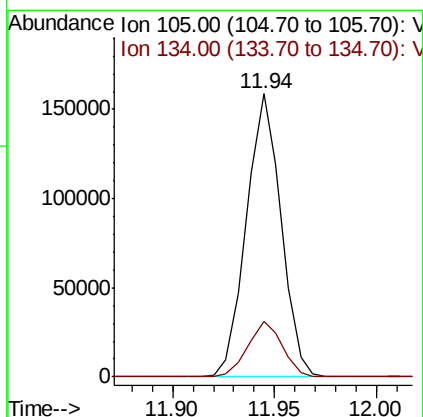
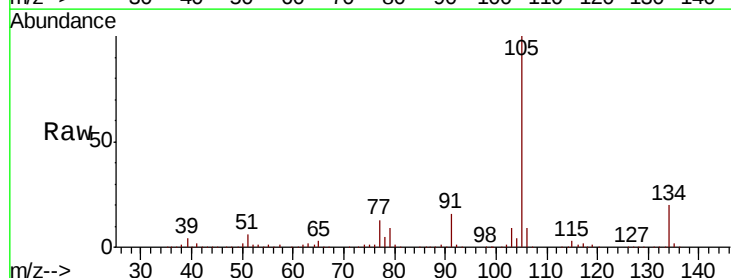
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

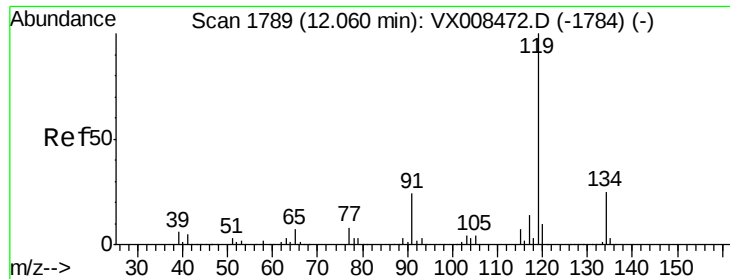
Tgt Ion:105 Resp: 167935
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 94.0



#81
 sec-Butylbenzene
 Concen: 20.050 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion:105 Resp: 188114
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.8

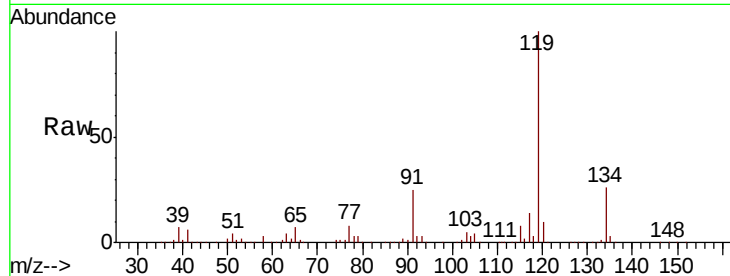




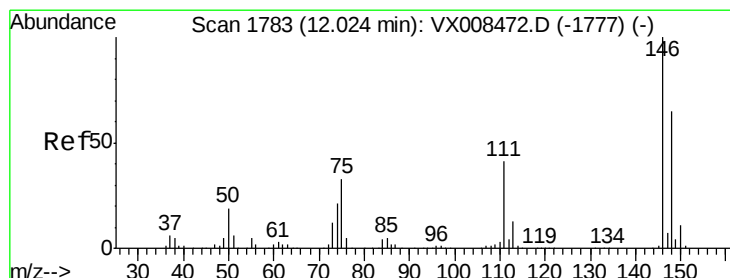
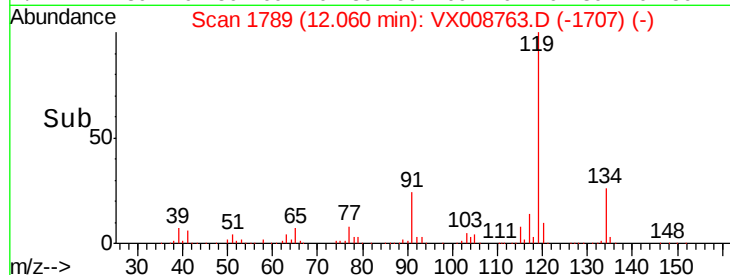
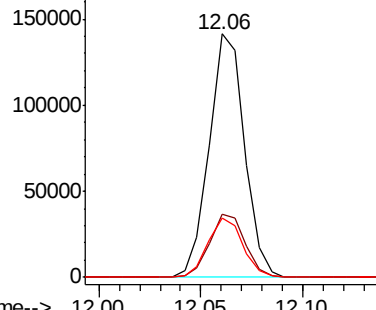
#82
p-Isopropyltoluene
Concen: 20.217 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tgt Ion:119 Resp: 169656
Ion Ratio Lower Upper
119 100
134 25.9 0.0 55.4
91 24.3 0.0 45.0

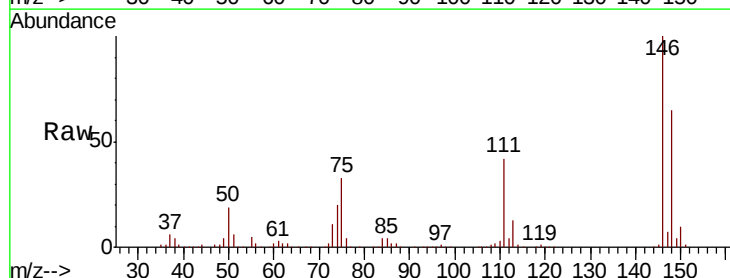


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

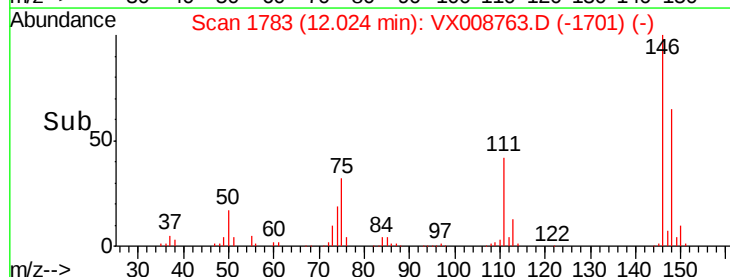
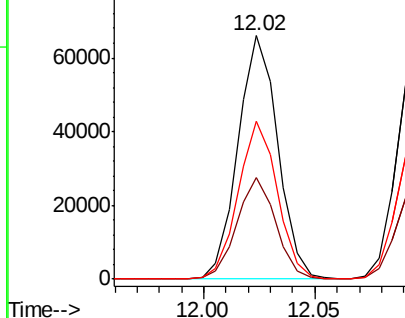


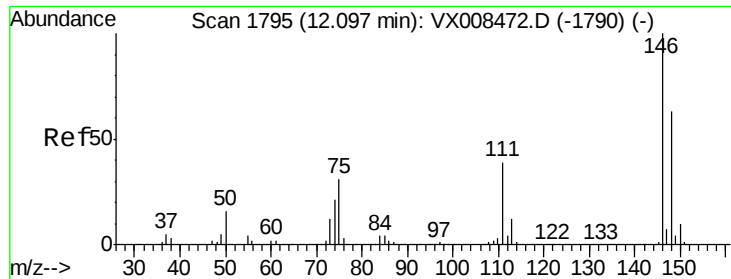
#83
1,3-Dichlorobenzene
Concen: 20.324 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:146 Resp: 82453
Ion Ratio Lower Upper
146 100
111 40.6 18.8 56.3
148 63.9 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

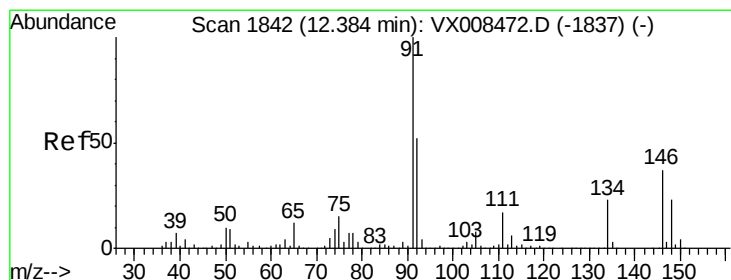
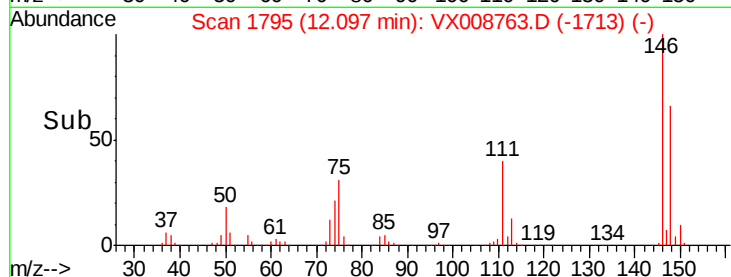
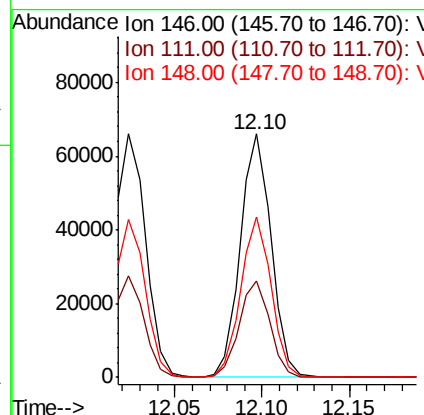
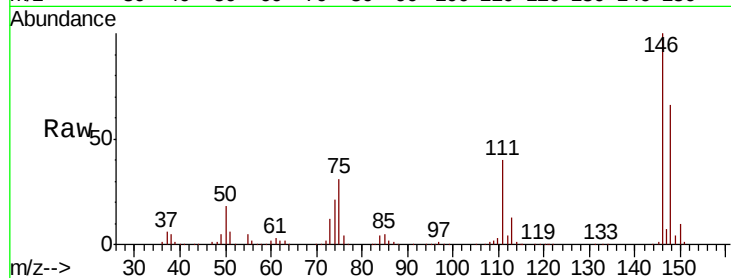




#84
 1,4-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

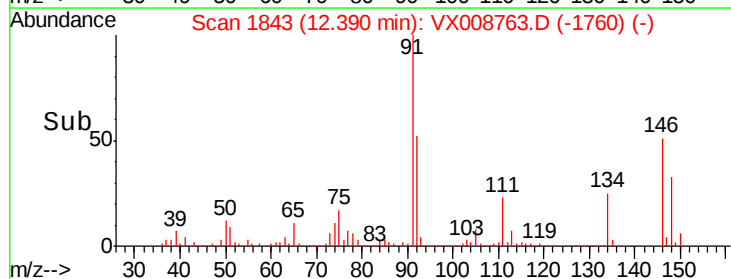
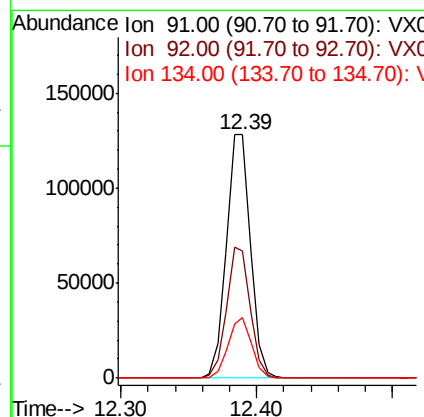
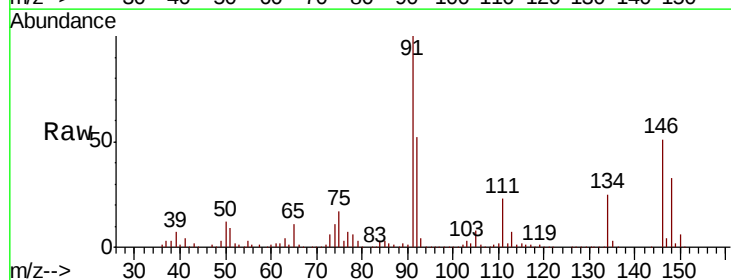
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

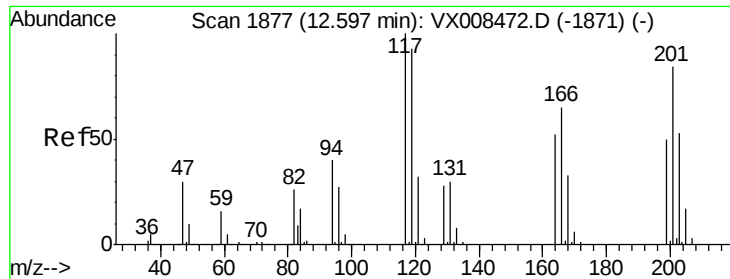
Tgt Ion: 146 Resp: 80827
 Ion Ratio Lower Upper
 146 100
 111 39.7 17.6 52.8
 148 64.9 31.4 94.2



#85
 n-Butylbenzene
 Concen: 19.751 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 91 Resp: 157484
 Ion Ratio Lower Upper
 91 100
 92 52.4 0.0 105.2
 134 24.0 0.0 56.4

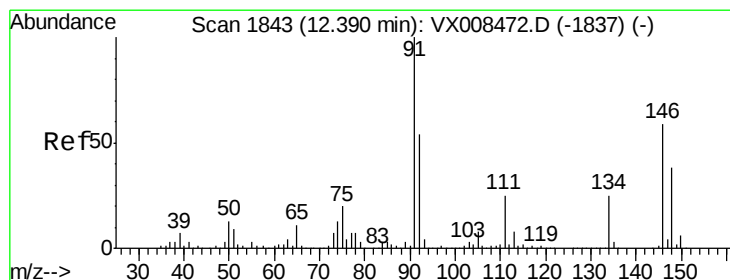
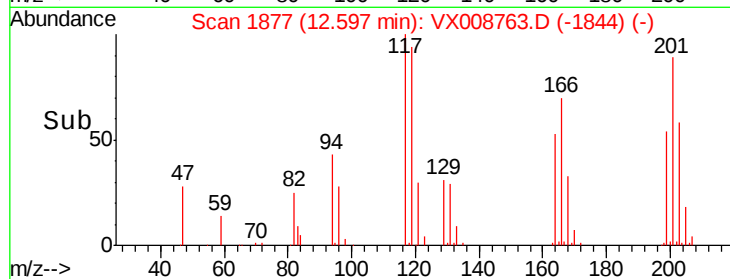
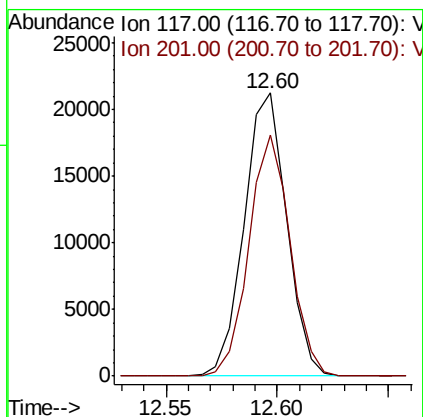
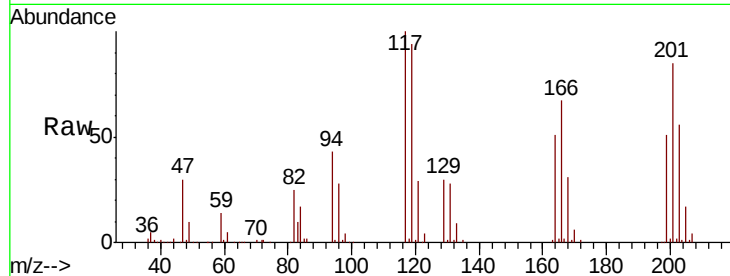




#86
Hexachloroethane
Concen: 20.152 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

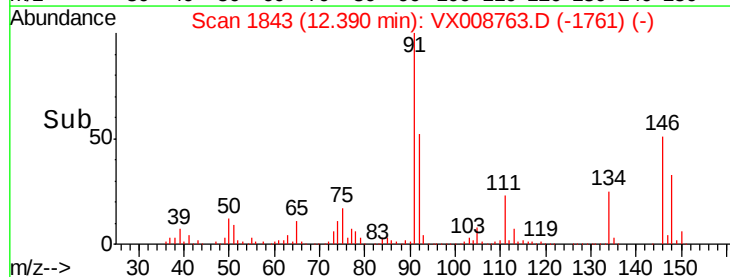
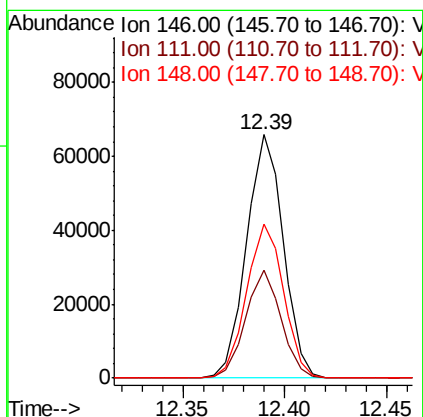
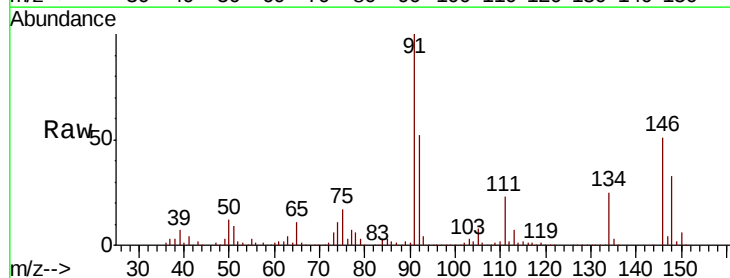
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

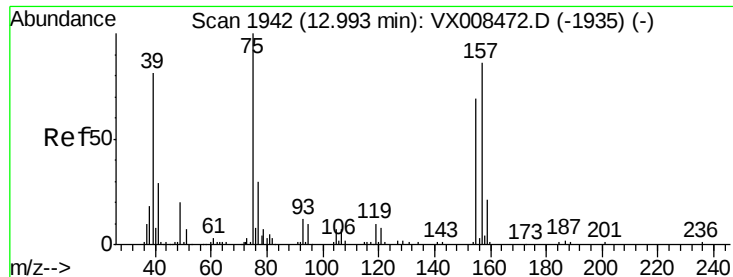
Tgt Ion:117 Resp: 28256
Ion Ratio Lower Upper
117 100
201 82.5 41.1 123.3



#87
1,2-Dichlorobenzene
Concen: 20.300 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:146 Resp: 82980
Ion Ratio Lower Upper
146 100
111 42.5 19.3 57.8
148 63.6 32.1 96.3





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.917 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

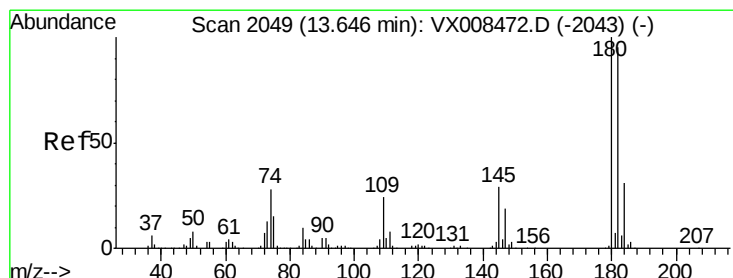
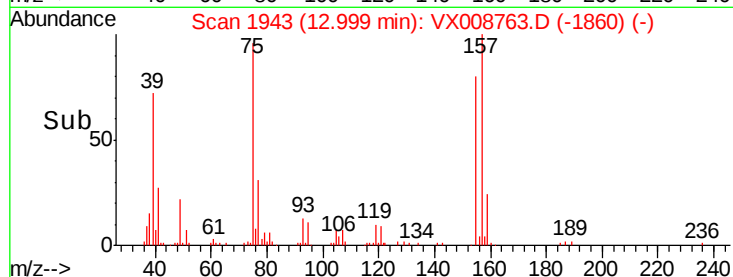
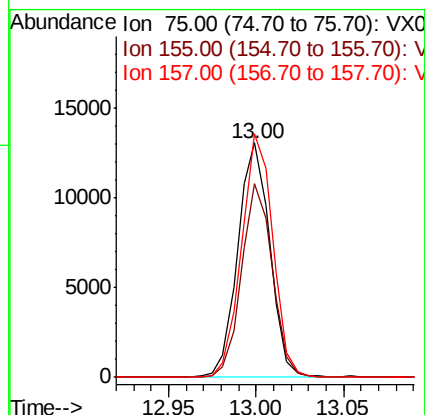
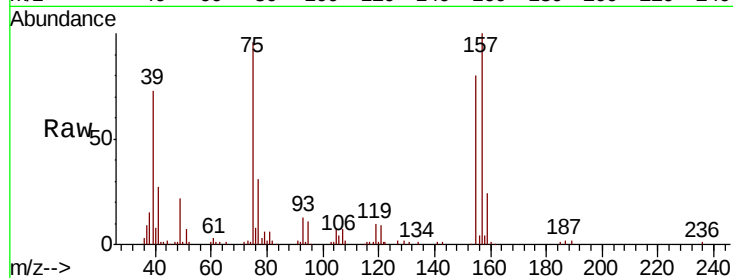
Tgt Ion: 75 Resp: 16635

Ion Ratio Lower Upper

75 100

155 79.4 81.0 121.6#

157 101.1 103.2 154.8#



#89

1,2,4-Trichlorobenzene

Concen: 20.165 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

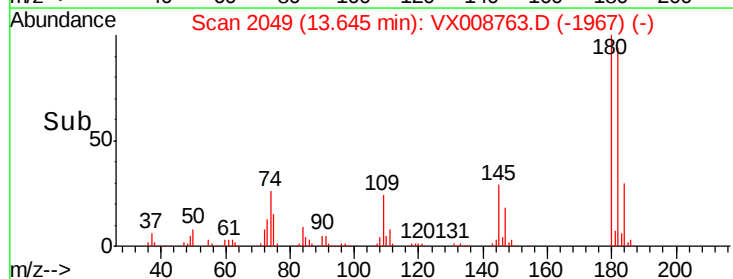
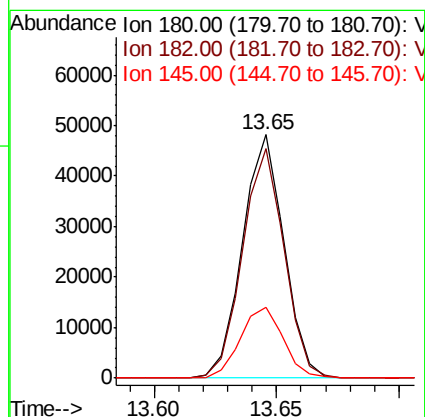
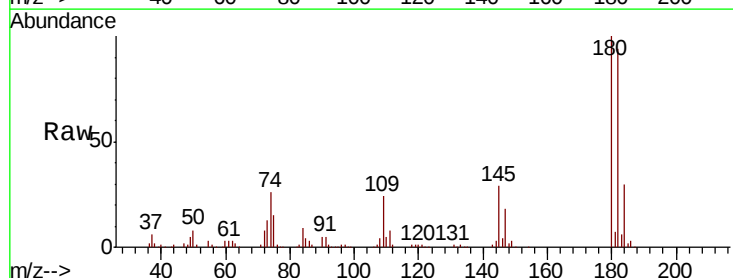
Tgt Ion: 180 Resp: 56858

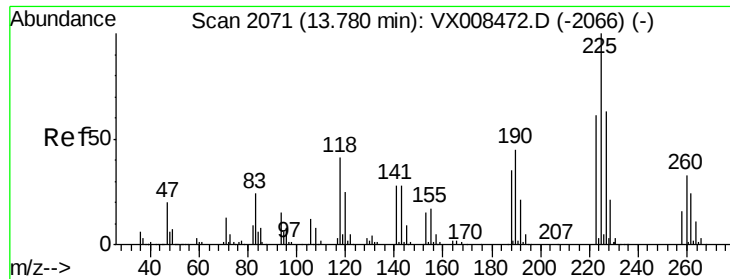
Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

145 30.2 23.0 34.6

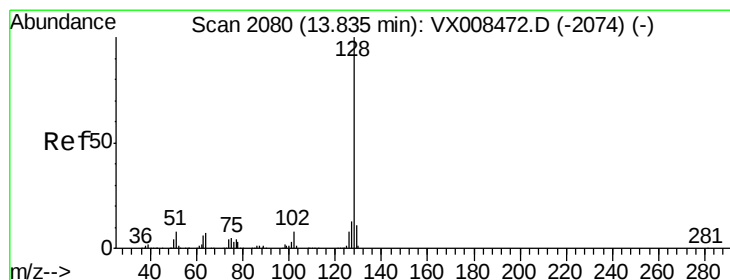
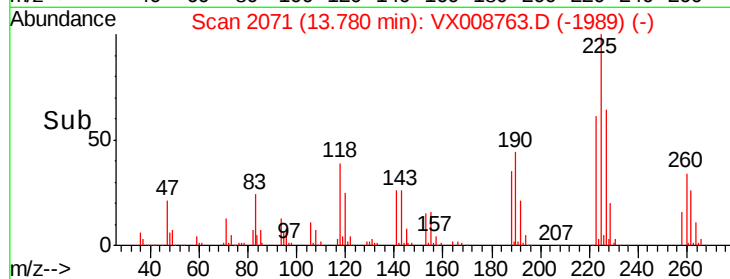
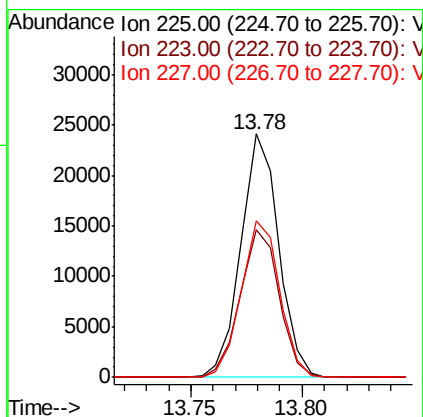
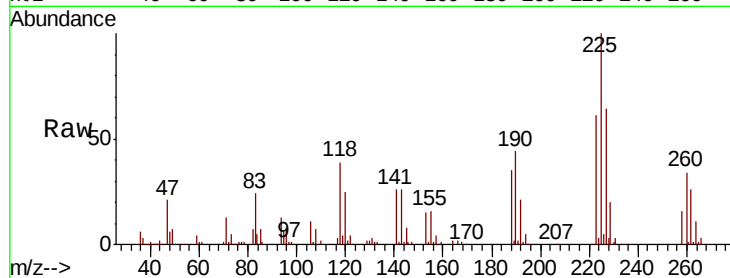




#90
Hexachlorobutadiene
Concen: 21.133 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

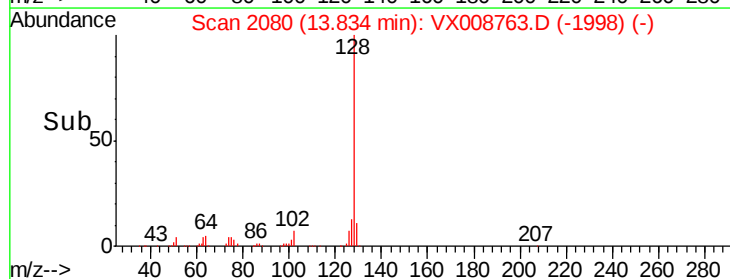
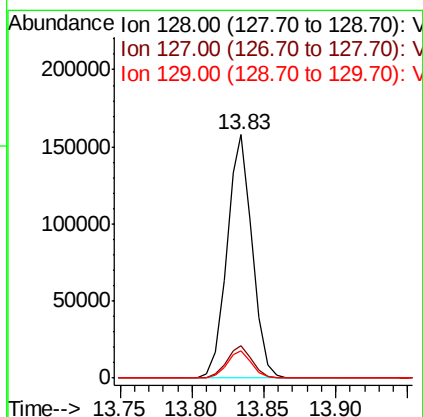
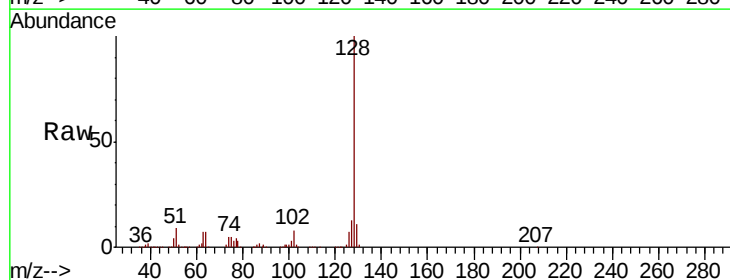
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

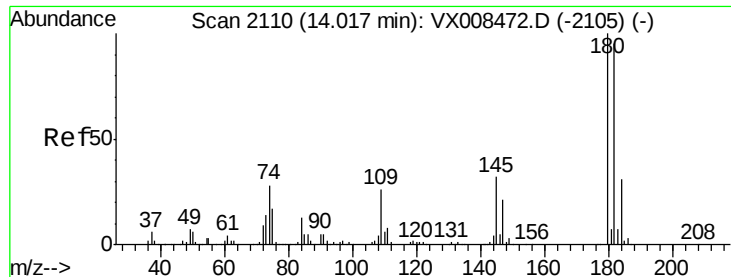
Tgt Ion: 225 Resp: 28707
Ion Ratio Lower Upper
225 100
223 62.6 0.0 123.8
227 65.3 0.0 124.4



#91
Naphthalene
Concen: 20.020 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 128 Resp: 193409
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.9 13.3

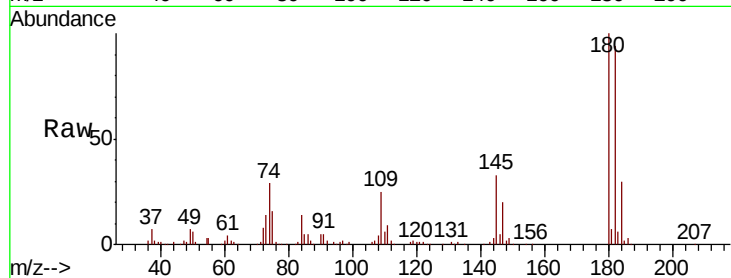




#92
 1,2,3-Trichlorobenzene
 Concen: 19.985 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	193.0
145	31.6	0.0	63.0



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

