

Data File : VX008800.D
Acq On : 10 Apr 2019 13:13
Operator : JC/SP
Sample : VX0410WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Quant Time: Apr 11 05:40:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	201918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157252	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.49	113	116172	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.71	98	471150	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
62) 4-Bromofluorobenzene	11.13	95	169469	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33446	14.390	ug/l	99
3) Chloromethane	1.32	50	49284	16.159	ug/l	100
4) Vinyl Chloride	1.41	62	46596	14.830	ug/l	98
5) Bromomethane	1.64	94	24612	17.187	ug/l	99
6) Chloroethane	1.72	64	28834	14.664	ug/l	99
7) Trichlorofluoromethane	1.93	101	53214	15.321	ug/l	99
8) Diethyl Ether	2.19	74	24940	15.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35423	15.841	ug/l	99
10) Methyl Iodide	2.51	142	27728	16.528	ug/l	98
11) Tert butyl alcohol	3.04	59	55894	81.067	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35908	15.382	ug/l	98
13) Acrolein	2.29	56	47764	139.709	ug/l	99
14) Allyl chloride	2.73	41	84304	15.776	ug/l	99
15) Acrylonitrile	3.14	53	149563	81.882	ug/l	99
16) Acetone	2.44	43	138380	81.578	ug/l	98
17) Carbon Disulfide	2.57	76	101110	14.474	ug/l	100
18) Methyl Acetate	2.78	43	67197	16.334	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	136032	16.318	ug/l	100
20) Methylene Chloride	2.85	84	43943	15.476	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38710	15.331	ug/l	95
22) Diisopropyl ether	3.85	45	167057	16.219	ug/l	92
23) Vinyl Acetate	3.81	43	736402	82.186	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82317	16.142	ug/l	100
25) 2-Butanone	4.67	43	222661	83.051	ug/l	99
26) 2,2-Dichloropropane	4.59	77	59190	16.479	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	45936	15.824	ug/l	98
28) Bromochloromethane	5.01	49	50494	22.010	ug/l	100
29) Tetrahydrofuran	5.13	42	142914	80.313	ug/l	100
30) Chloroform	5.21	83	73970	16.240	ug/l	97
31) Cyclohexane	5.58	56	76246	14.984	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59829	16.255	ug/l	100
36) 1,1-Dichloropropene	5.80	75	56052	15.641	ug/l	99
37) Ethyl Acetate	4.84	43	81301	16.997	ug/l	99
38) Carbon Tetrachloride	5.79	117	48517	16.358	ug/l	97

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VX0410WBSD01

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68522	15.479	ug/l	99
40) Benzene	6.14	78	175905	16.477	ug/l	100
41) Methacrylonitrile	5.04	41	46099	16.766	ug/l	100
42) 1,2-Dichloroethane	6.19	62	63185	16.509	ug/l	100
43) Isopropyl Acetate	6.45	43	124415	16.604	ug/l	100
44) Trichloroethene	7.21	130	40641	16.345	ug/l	100
45) 1,2-Dichloropropane	7.51	63	50546	16.588	ug/l	99
46) Dibromomethane	7.66	93	28588	16.176	ug/l	99
47) Bromodichloromethane	7.90	83	56062	16.824	ug/l	96
48) Methyl methacrylate	7.77	41	64020	16.890	ug/l	99
49) 1,4-Dioxane	7.74	88	23620	332.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	420684	87.215	ug/l	100
52) Toluene	8.79	92	104250	16.563	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63087	16.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71539	16.773	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43462	17.203	ug/l	99
56) Ethyl methacrylate	9.18	69	77657	16.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77341	17.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	245994	105.391	ug/l	99
59) 2-Hexanone	9.49	43	324715	86.623	ug/l	100
60) Dibromochloromethane	9.58	129	40179	16.877	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44313	16.848	ug/l	99
64) Tetrachloroethene	9.34	164	35506	16.398	ug/l	98
65) Chlorobenzene	10.13	112	109019	16.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37550	16.522	ug/l	99
67) Ethyl Benzene	10.25	91	197731	16.368	ug/l	99
68) m/p-Xylenes	10.36	106	144058	33.167	ug/l	97
69) o-Xylene	10.69	106	69026	16.399	ug/l	100
70) Styrene	10.71	104	121816	16.789	ug/l	99
71) Bromoform	10.85	173	29151	16.794	ug/l #	97
73) Isopropylbenzene	11.02	105	185693	16.605	ug/l	99
74) N-amyl acetate	10.90	43	108590	16.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70312	16.533	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	80867	21.816	ug/l	81
77) Bromobenzene	11.26	156	44854	16.685	ug/l	99
78) n-propylbenzene	11.36	91	213393	16.389	ug/l	100
79) 2-Chlorotoluene	11.42	91	129979	16.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155915	16.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22246	16.543	ug/l	93
82) 4-Chlorotoluene	11.51	91	147341	16.154	ug/l	99
83) tert-Butylbenzene	11.77	119	147939	16.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	156353	16.450	ug/l	100
85) sec-Butylbenzene	11.94	105	174761	16.292	ug/l	99
86) p-Isopropyltoluene	12.06	119	160167	16.636	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79365	16.491	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78876	16.185	ug/l	99
89) n-Butylbenzene	12.38	91	148510	16.448	ug/l	100
90) Hexachloroethane	12.60	117	25779	16.143	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78430	16.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14858	15.881	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54374	16.366	ug/l	99
94) Hexachlorobutadiene	13.78	225	27532	17.279	ug/l	99
95) Naphthalene	13.83	128	179910	16.202	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53353	16.073	ug/l	100

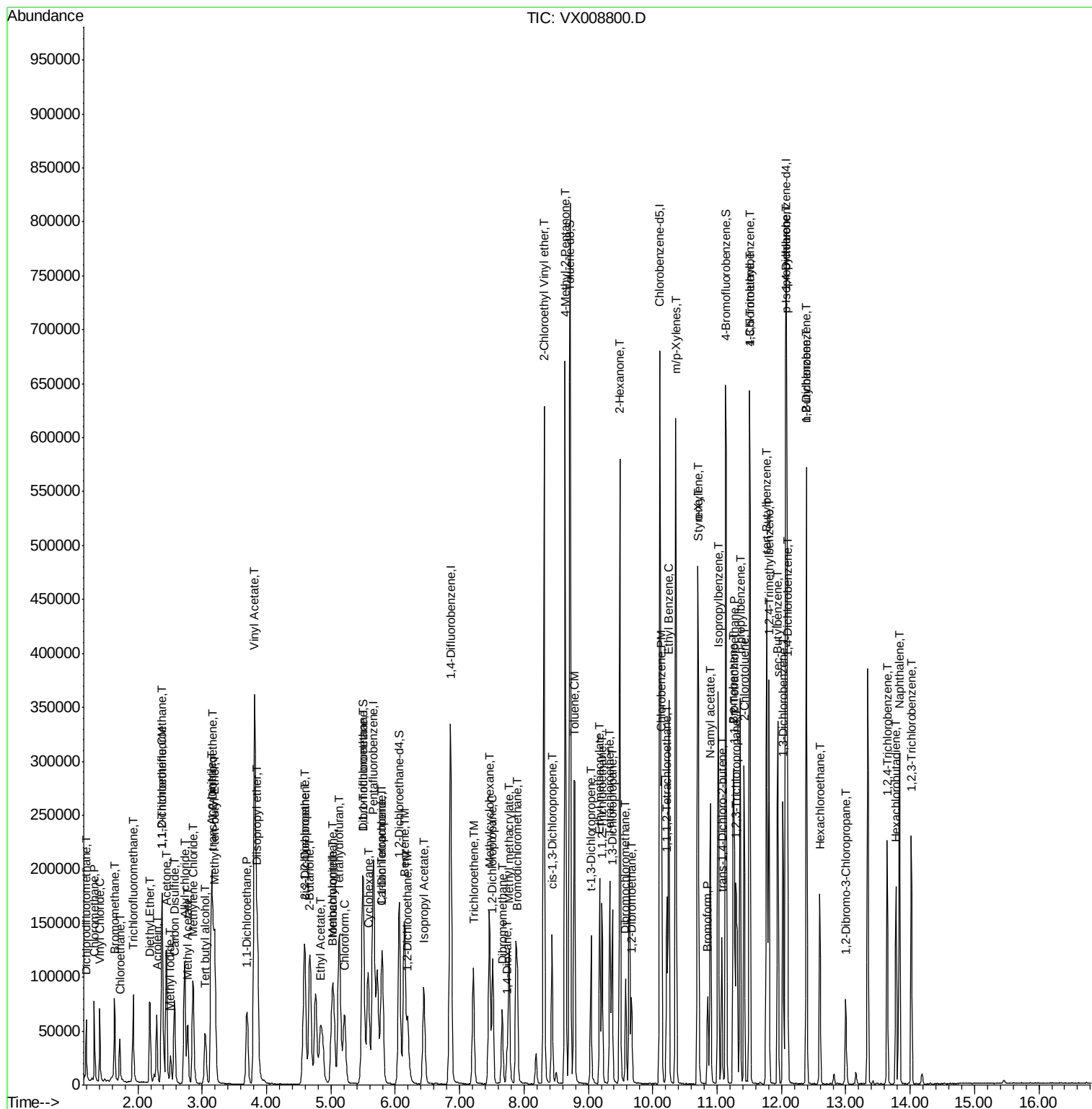
(#) = qualifier out of range (m) = manual integration (+) = signals summed

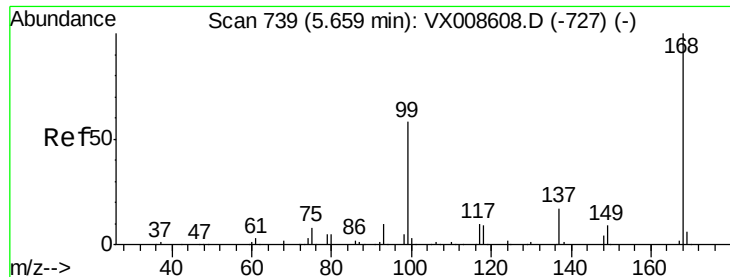
Data File : VX008800.D

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Acq On       : 10 Apr 2019   13:13
Operator     : JC/SP
Sample       : VX0410WBSD01
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Quant Time: Apr 11 05:40:20 2019
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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

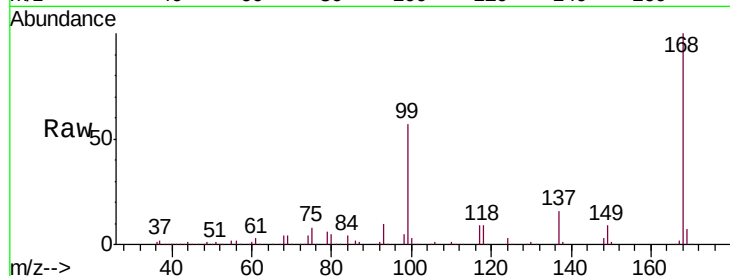
VX0410WBSD01

Tgt Ion:168 Resp: 201918

Ion Ratio Lower Upper

168 100

99 56.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

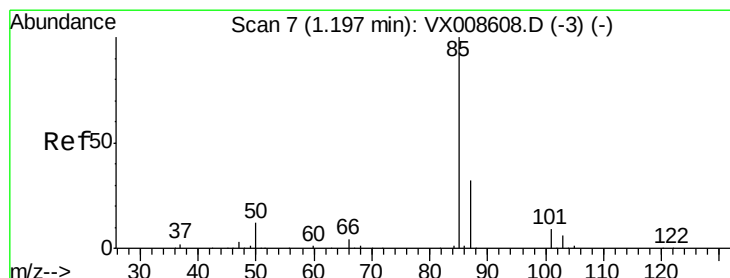
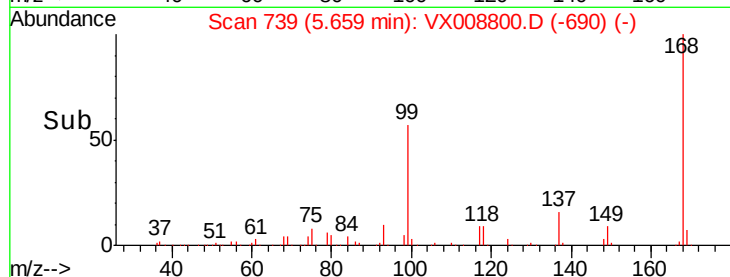
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.390 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008800.D

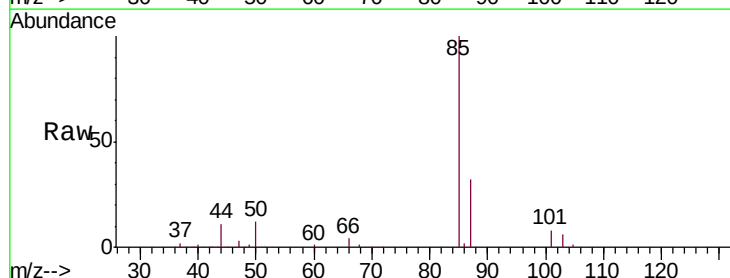
Acq: 10 Apr 2019 13:13

Tgt Ion: 85 Resp: 33446

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

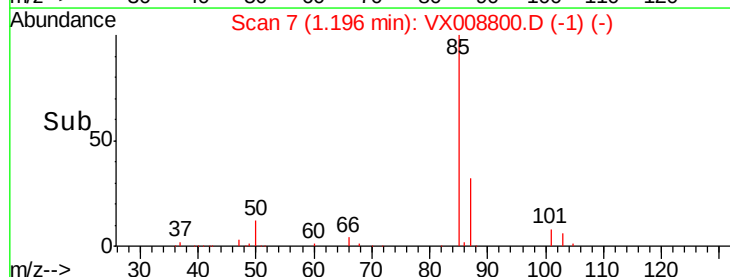
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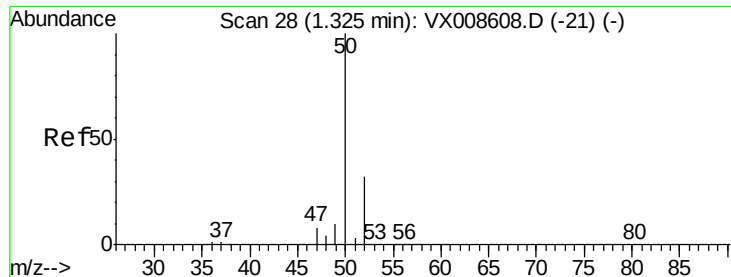
10000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.159 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

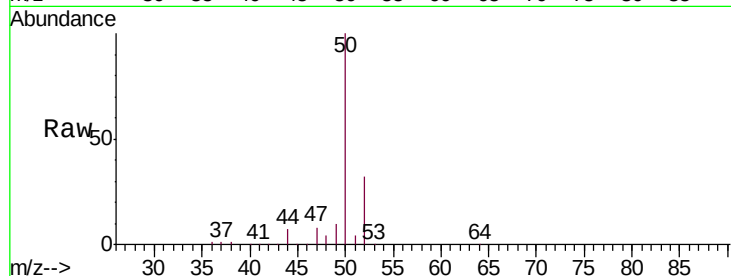
VX0410WBSD01

Tgt Ion: 50 Resp: 49284

Ion Ratio Lower Upper

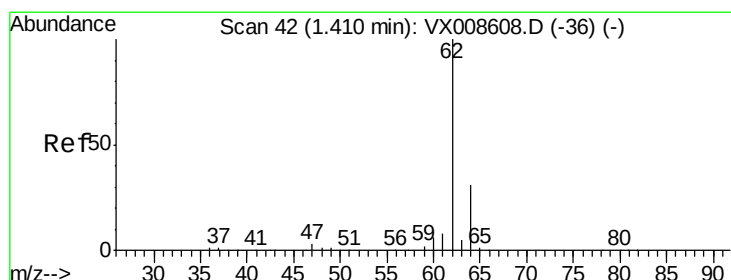
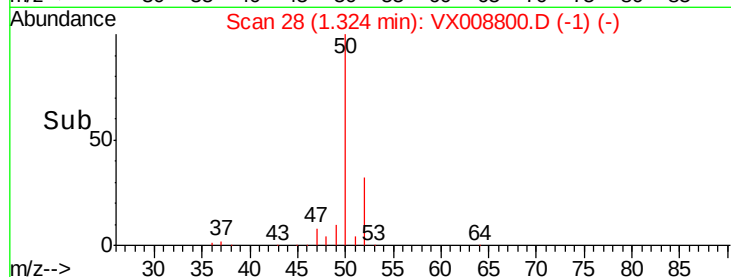
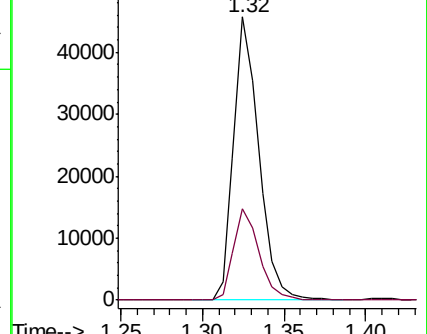
50 100

52 32.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.830 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008800.D

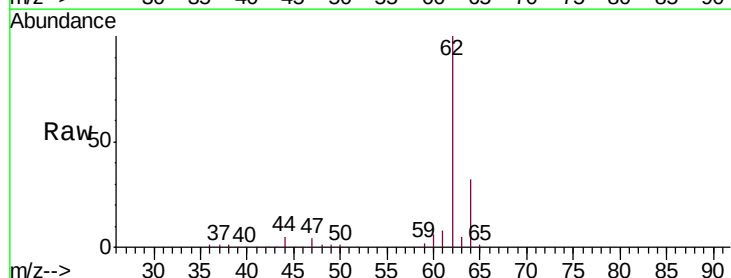
Acq: 10 Apr 2019 13:13

Tgt Ion: 62 Resp: 46596

Ion Ratio Lower Upper

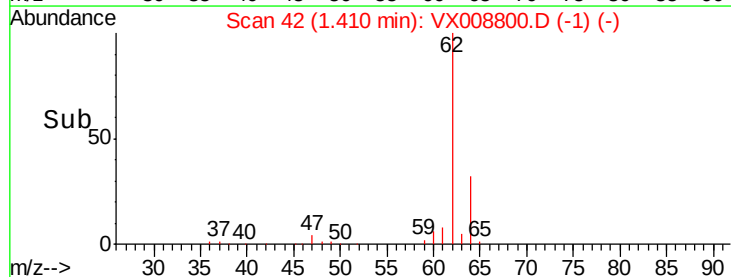
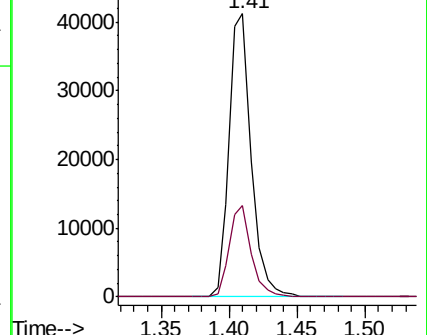
62 100

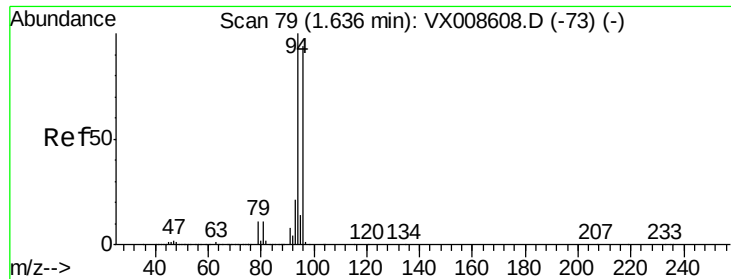
64 32.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.187 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

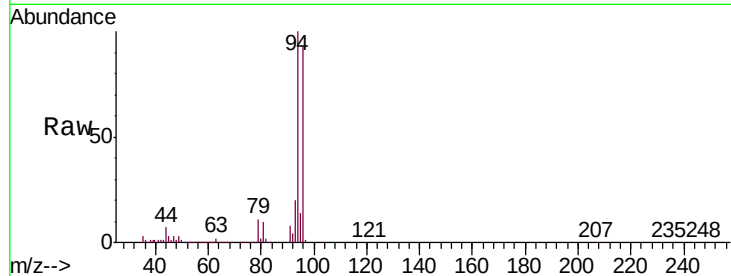
VX0410WBSD01

Tgt Ion: 94 Resp: 24612

Ion Ratio Lower Upper

94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

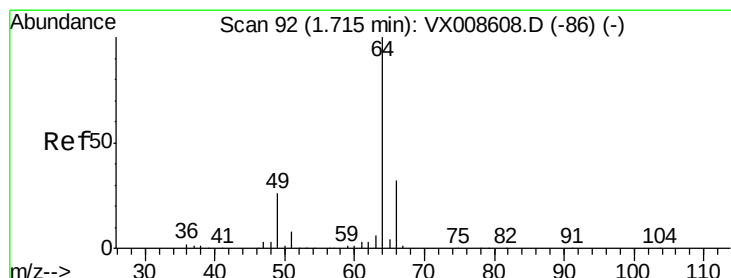
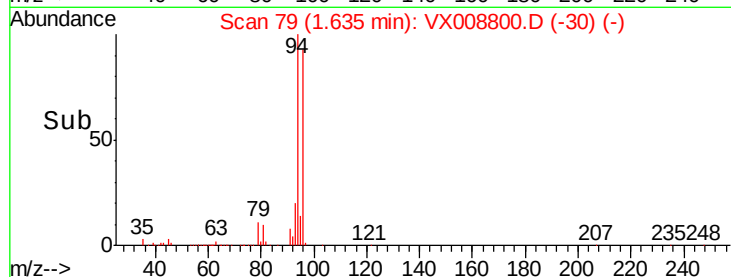
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 14.664 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008800.D

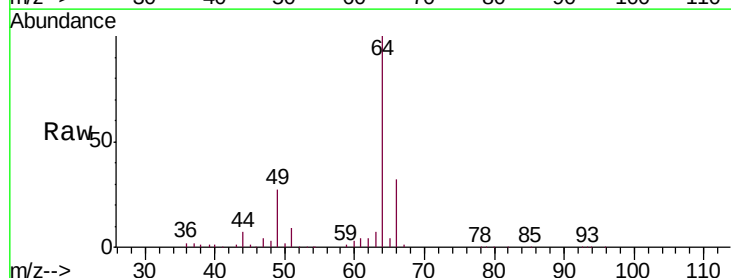
Acq: 10 Apr 2019 13:13

Tgt Ion: 64 Resp: 28834

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

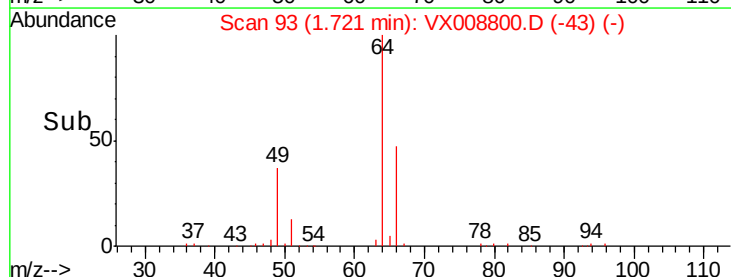
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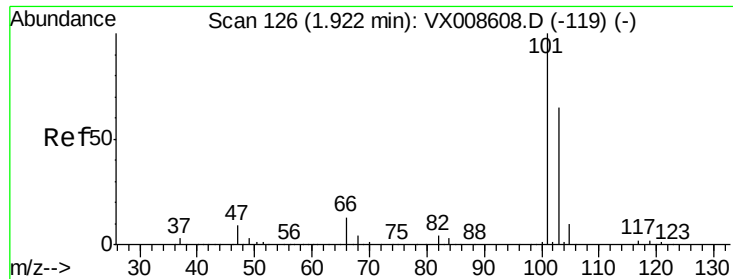
5000

0

Time-->

1.60 1.70 1.80



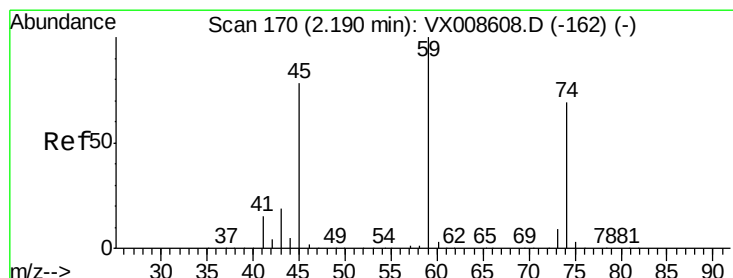
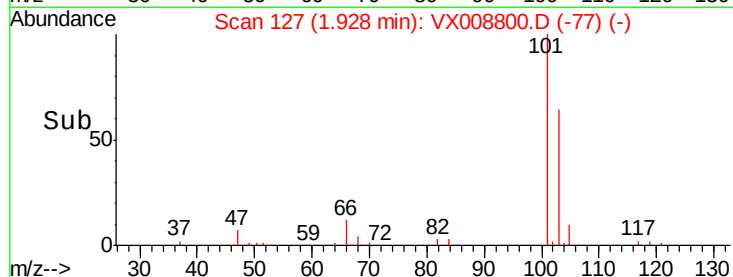
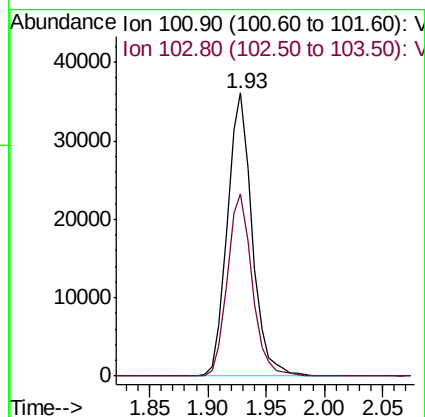
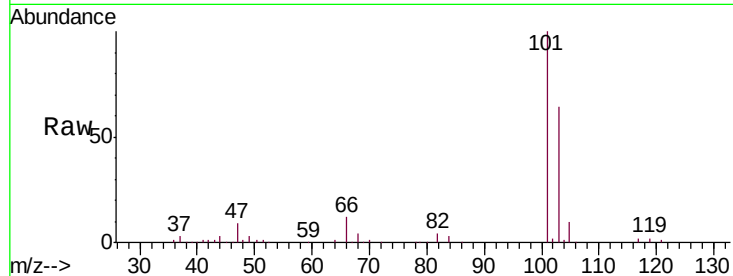


#7

Trichlorofluoromethane
 Concen: 15.321 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

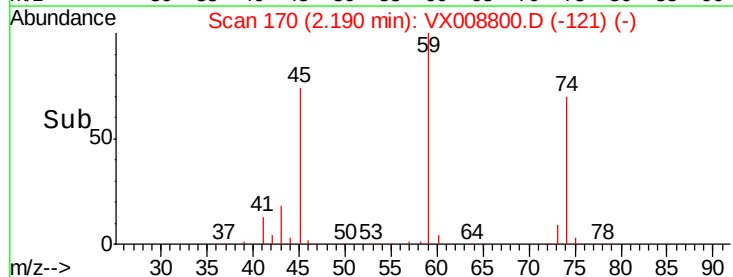
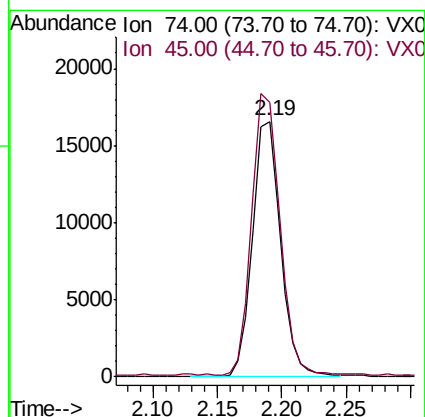
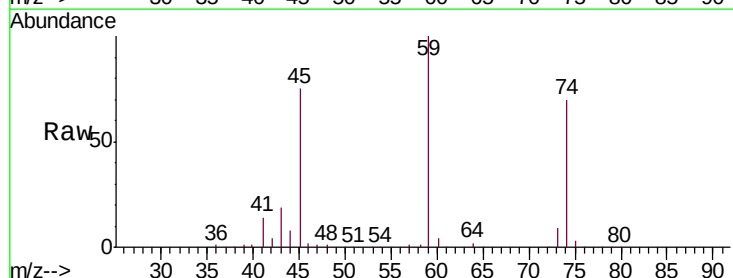
Tgt Ion:101 Resp: 53214
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

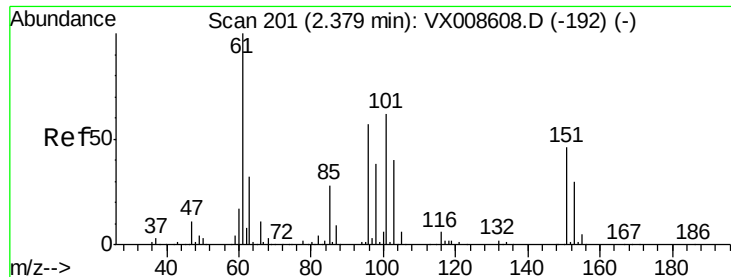


#8

Diethyl Ether
 Concen: 15.142 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 74 Resp: 24940
 Ion Ratio Lower Upper
 74 100
 45 110.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.841 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

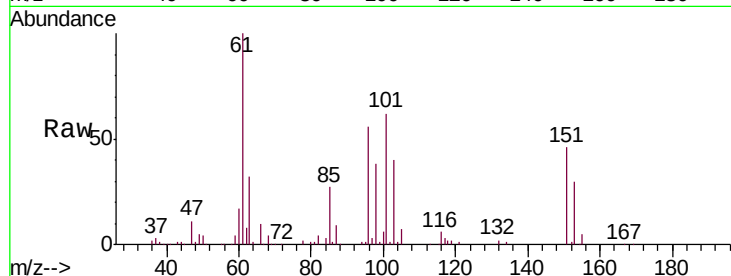
Tgt Ion:101 Resp: 35423

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

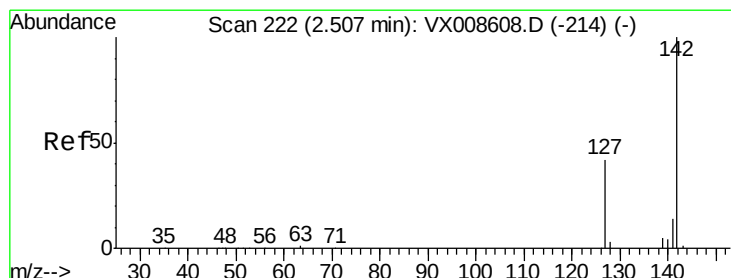
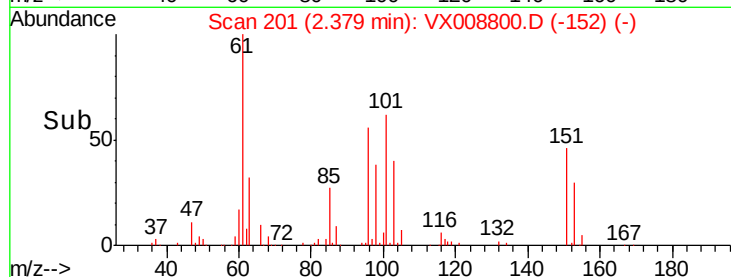
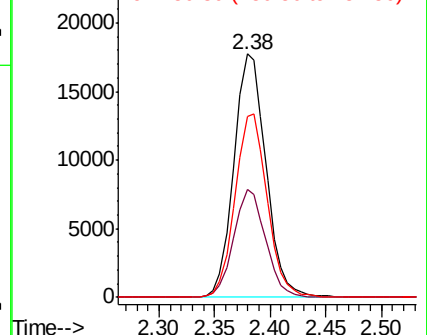
151 75.4 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.528 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

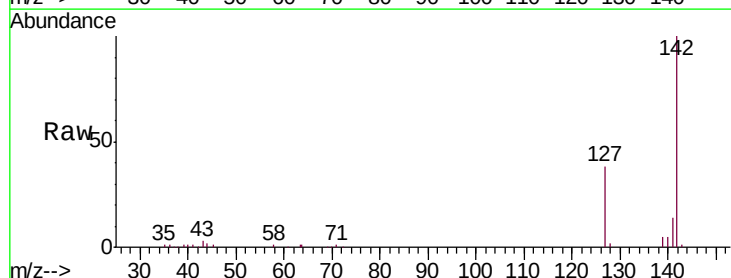
Tgt Ion:142 Resp: 27728

Ion Ratio Lower Upper

142 100

127 40.1 33.0 49.6

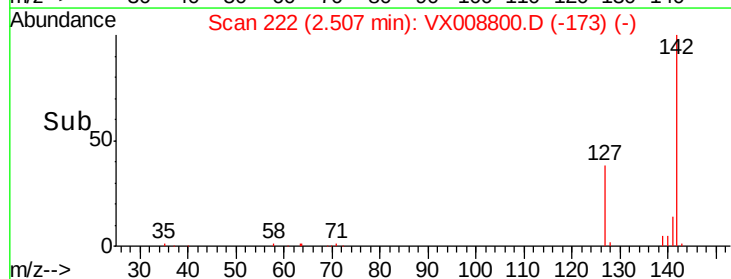
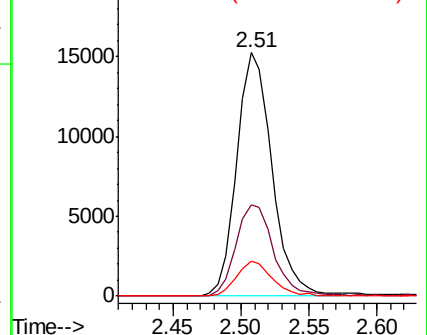
141 14.5 11.4 17.2

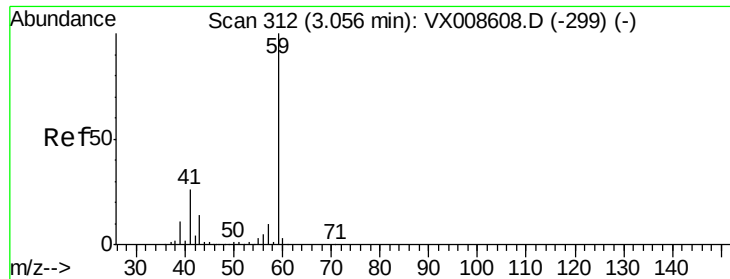


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

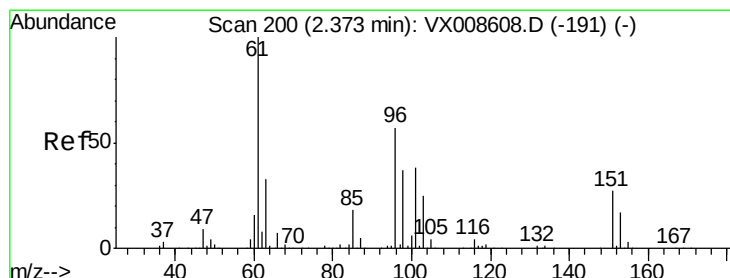
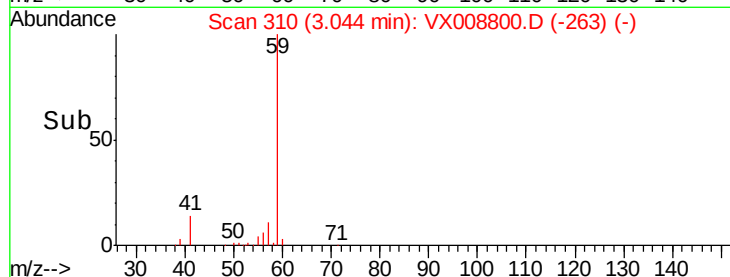
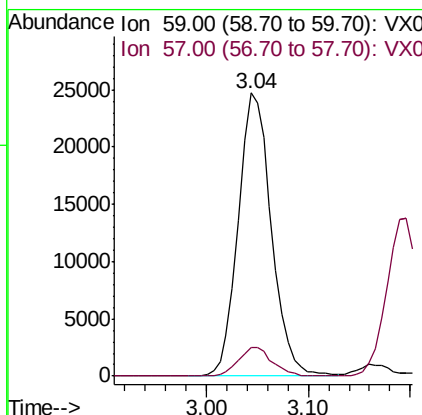
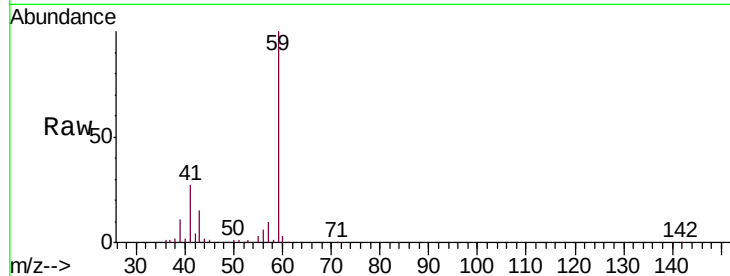




#11
Tert butyl alcohol
Concen: 81.067 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

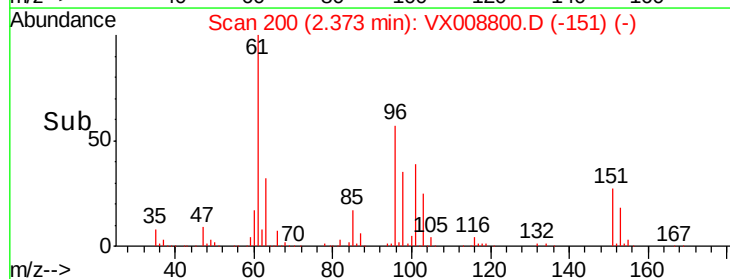
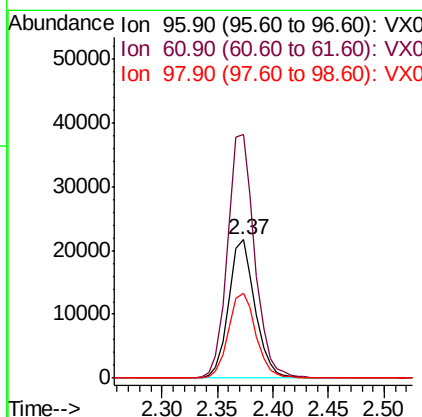
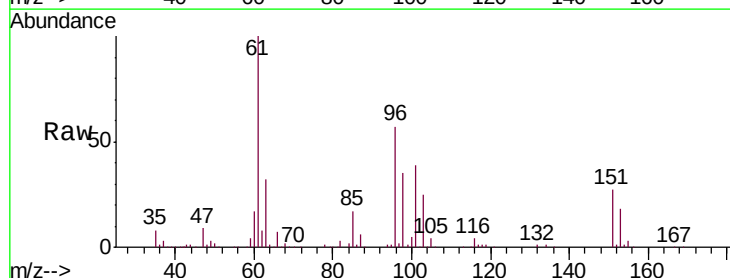
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

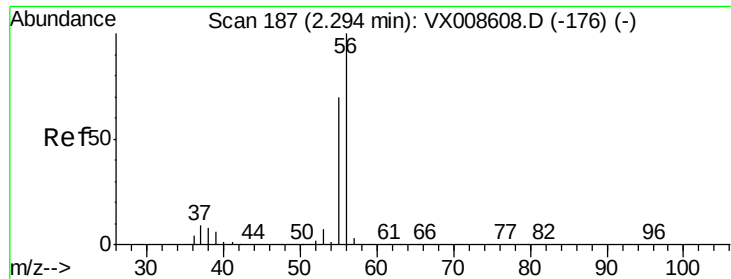
Tgt Ion: 59 Resp: 55894
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 15.382 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 96 Resp: 35908
Ion Ratio Lower Upper
96 100
61 175.7 140.9 211.3
98 60.8 52.1 78.1





#13

Acrolein

Concen: 139.709 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

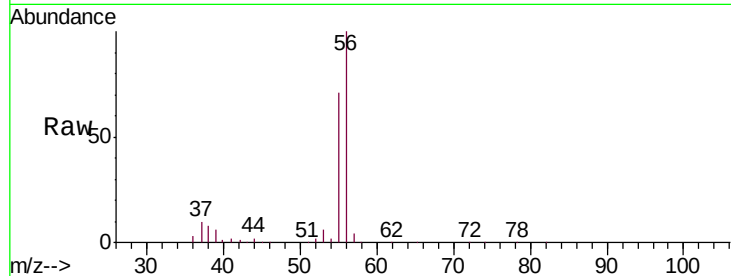
VX0410WBSD01

Tgt Ion: 56 Resp: 47764

Ion Ratio Lower Upper

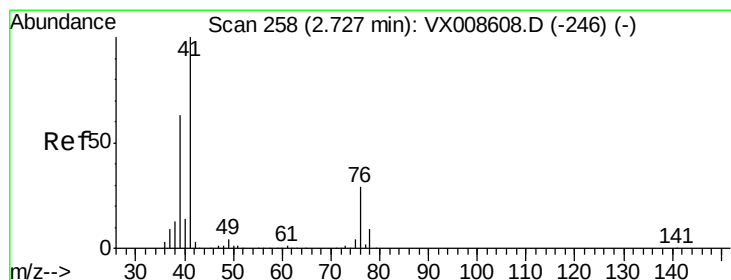
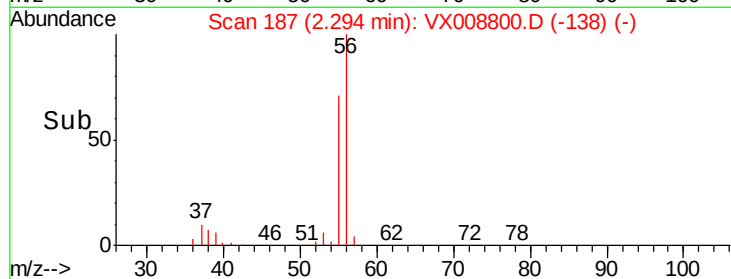
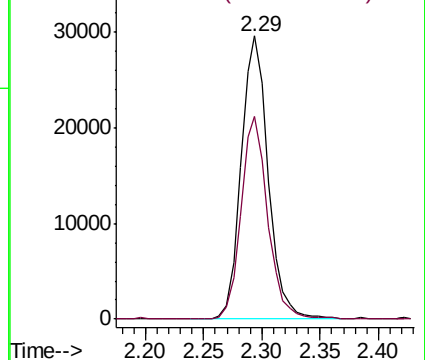
56 100

55 71.6 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 15.776 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

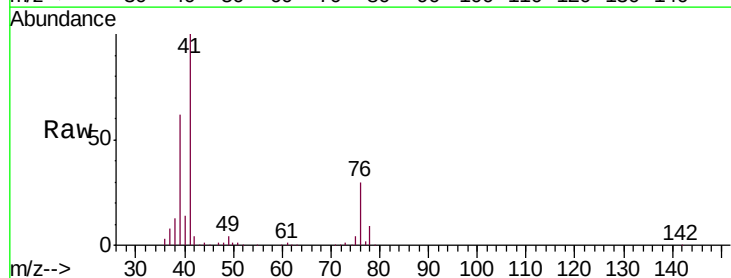
Tgt Ion: 41 Resp: 84304

Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

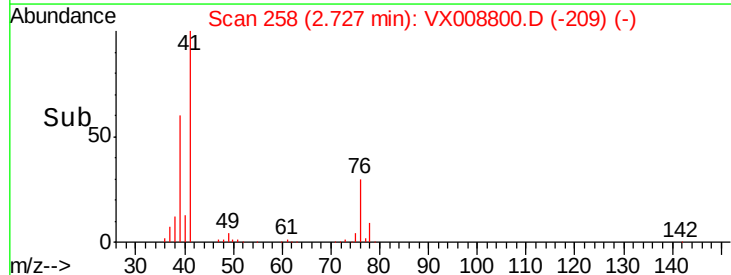
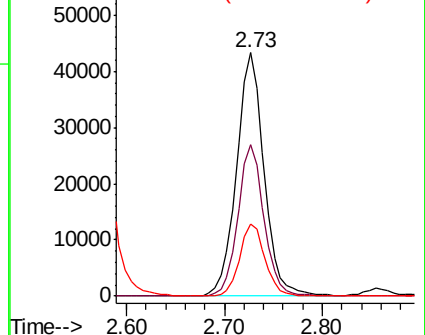
76 27.5 22.0 33.0

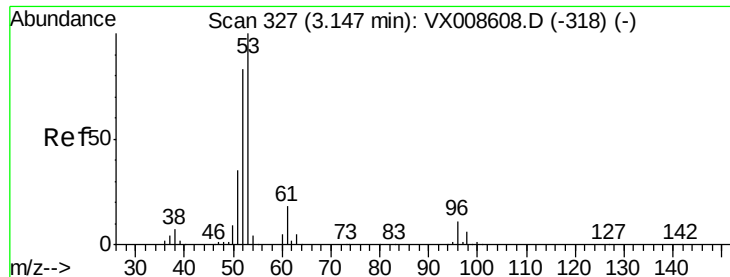


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 81.882 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

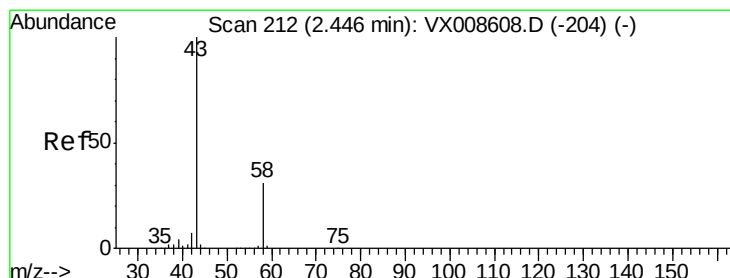
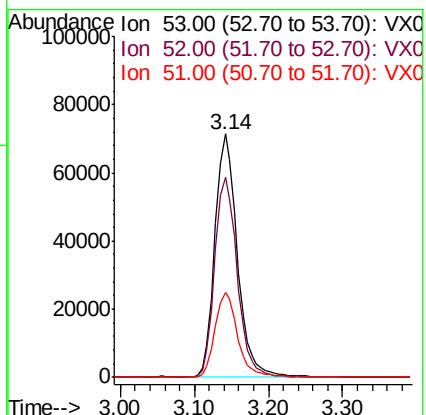
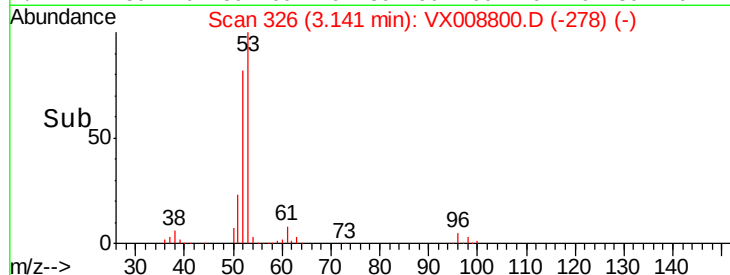
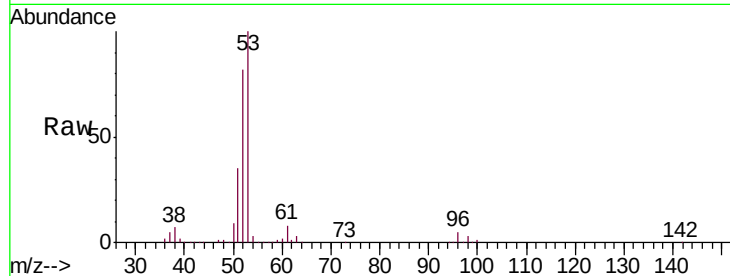
Tgt Ion: 53 Resp: 149563

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 35.4 28.6 42.8



#16

Acetone

Concen: 81.578 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008800.D

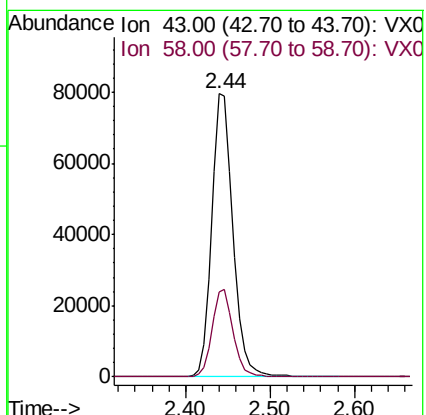
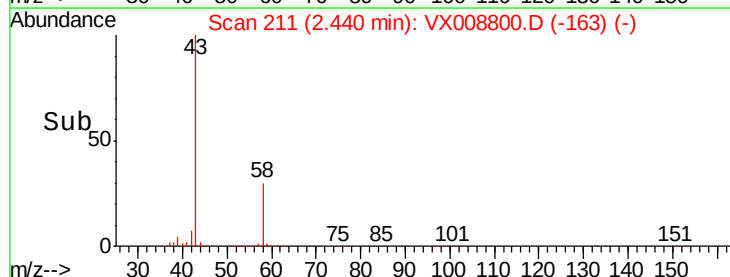
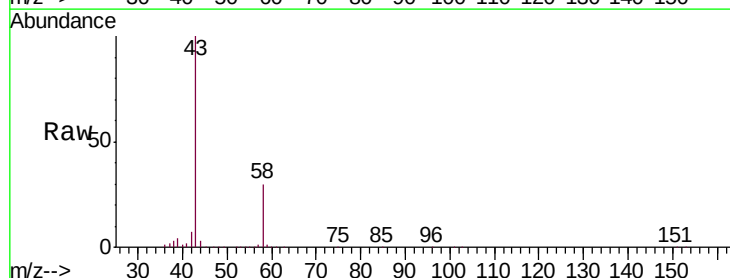
Acq: 10 Apr 2019 13:13

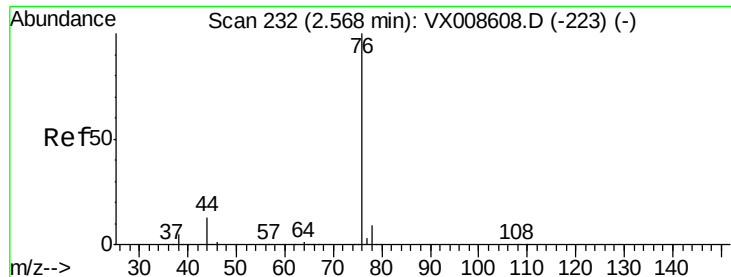
Tgt Ion: 43 Resp: 138380

Ion Ratio Lower Upper

43 100

58 30.2 24.8 37.2





#17

Carbon Disulfide

Concen: 14.474 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

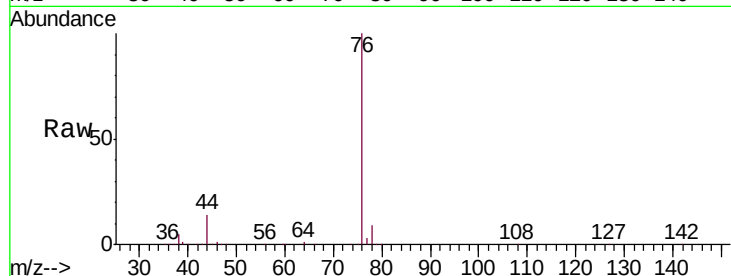
VX0410WBSD01

Tgt Ion: 76 Resp: 101110

Ion Ratio Lower Upper

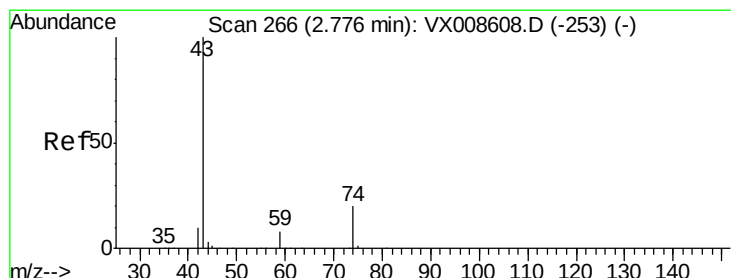
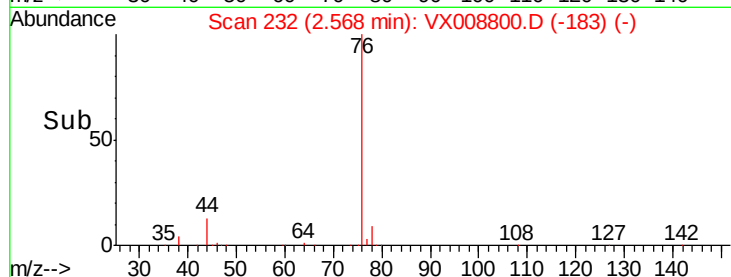
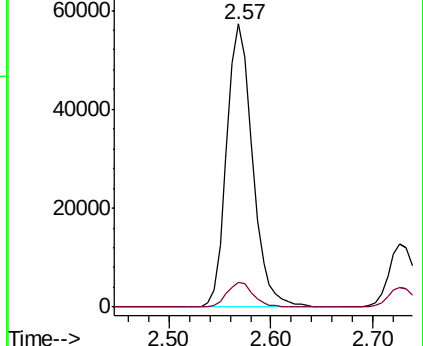
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.334 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008800.D

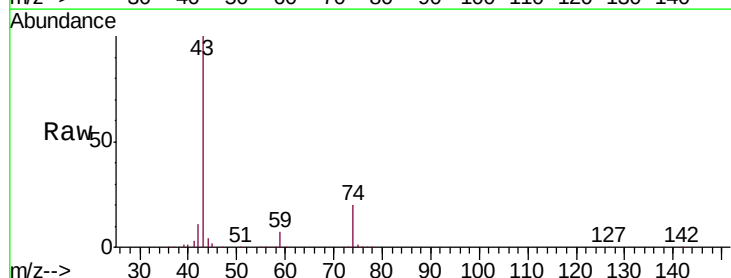
Acq: 10 Apr 2019 13:13

Tgt Ion: 43 Resp: 67197

Ion Ratio Lower Upper

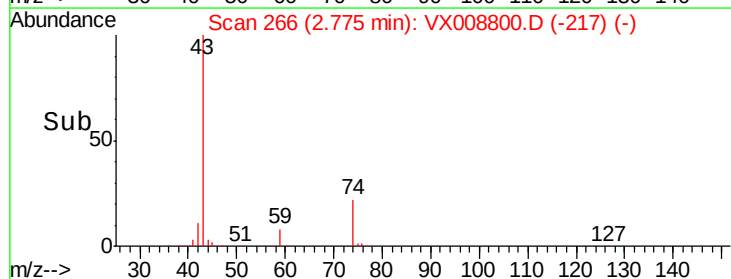
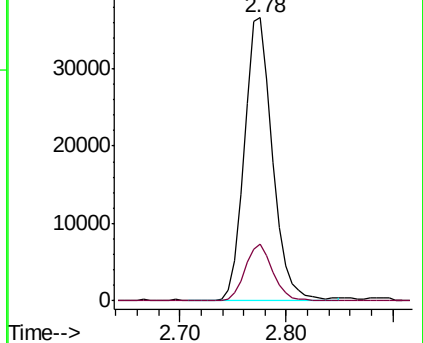
43 100

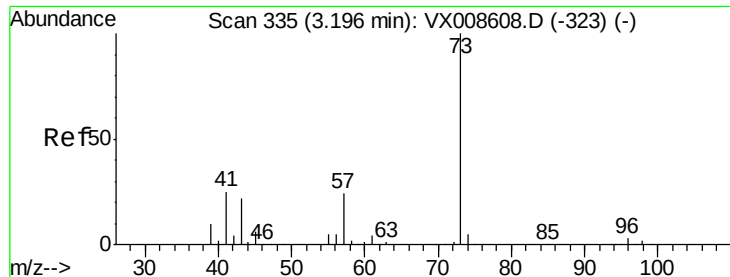
74 20.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 16.318 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

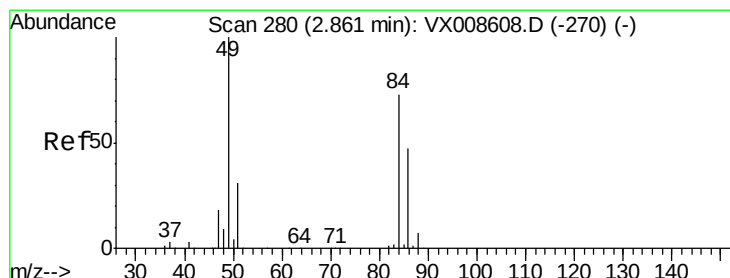
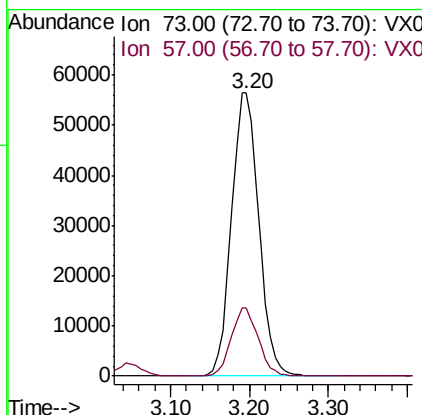
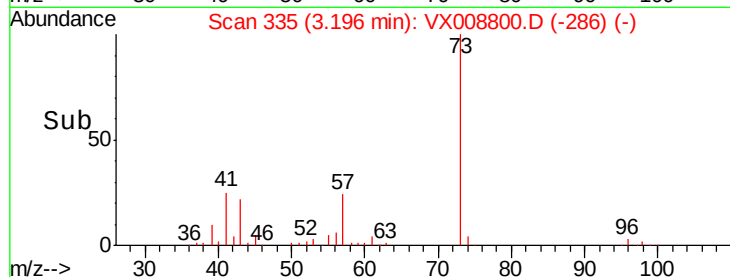
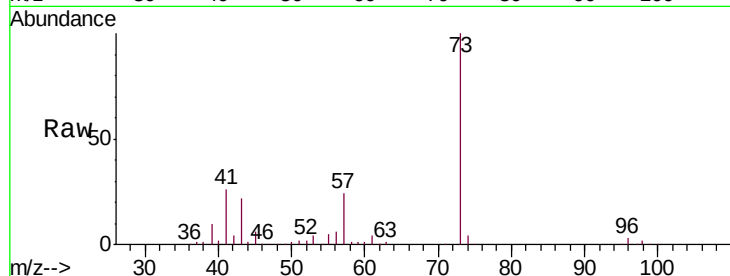
VX0410WBSD01

Tgt Ion: 73 Resp: 136032

Ion Ratio Lower Upper

73 100

57 24.4 19.5 29.3



#20

Methylene Chloride

Concen: 15.476 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion: 84 Resp: 43943

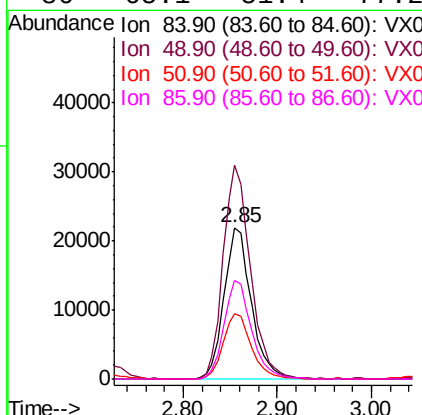
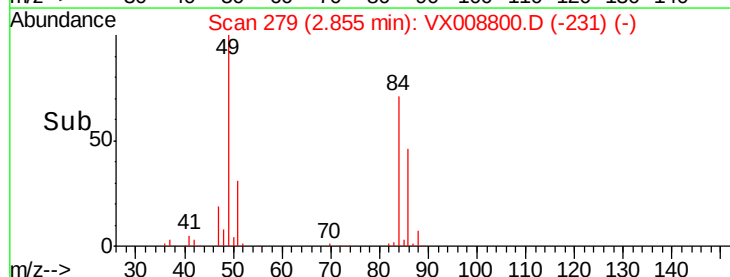
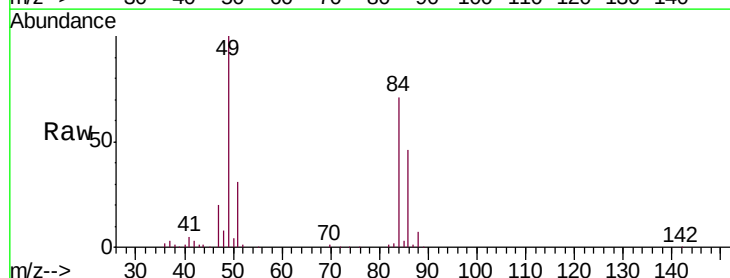
Ion Ratio Lower Upper

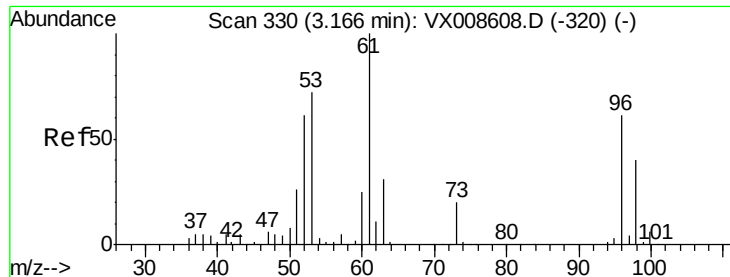
84 100

49 140.8 109.7 164.5

51 43.3 33.6 50.4

86 65.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 15.331 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

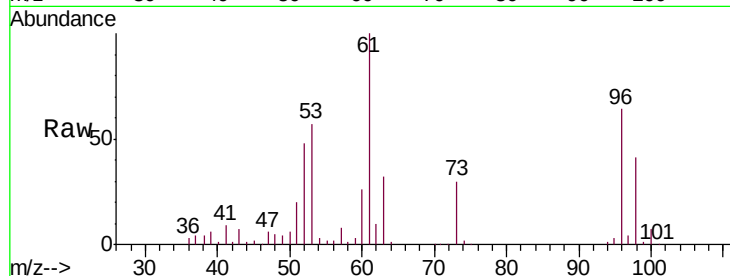
Tgt Ion: 96 Resp: 38710

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

98 64.6 52.2 78.2

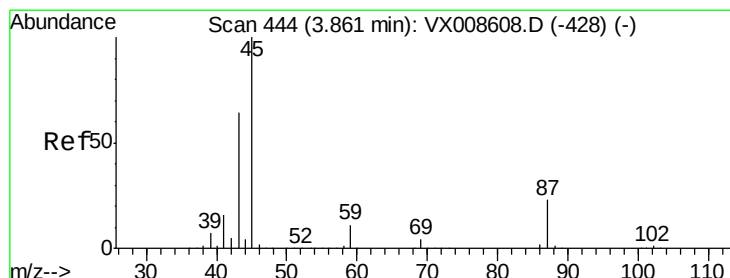
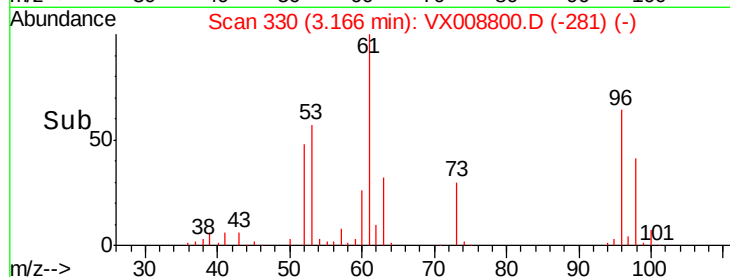
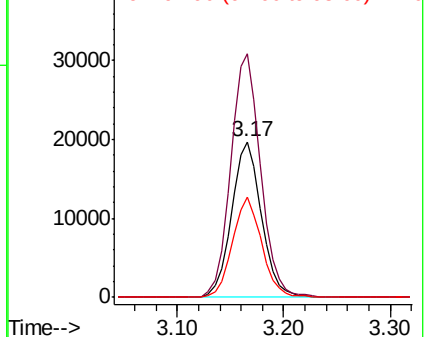


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 16.219 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Tgt Ion: 45 Resp: 167057

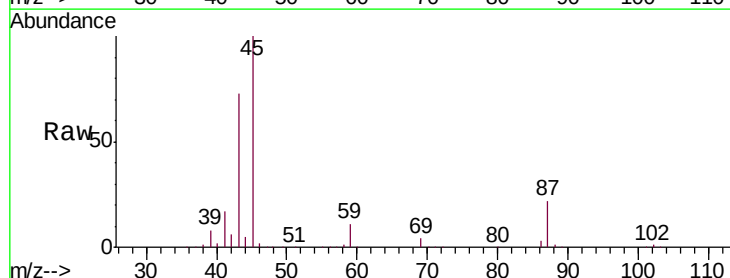
Ion Ratio Lower Upper

45 100

43 72.9 51.3 76.9

87 21.8 18.1 27.1

59 10.6 8.6 13.0



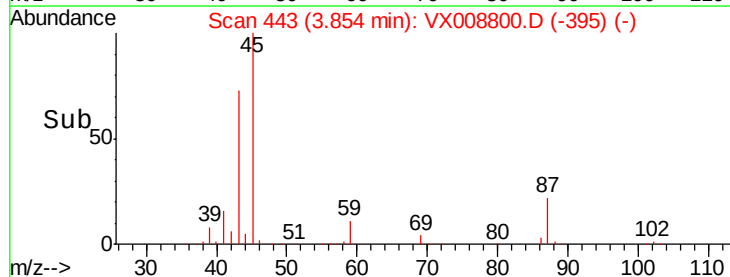
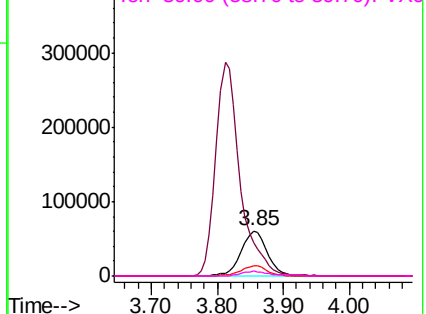
Abundance

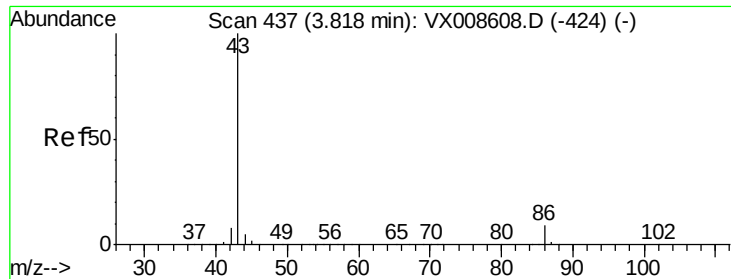
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 82.186 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

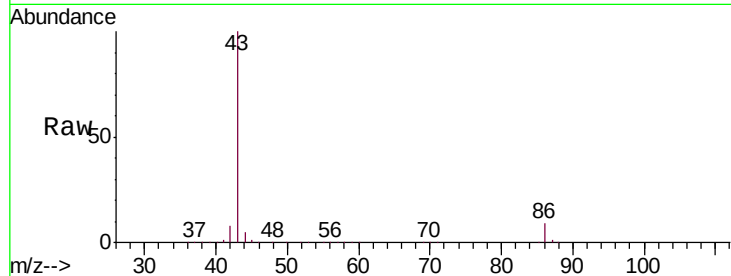
VX0410WBSD01

Tgt Ion: 43 Resp: 736402

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

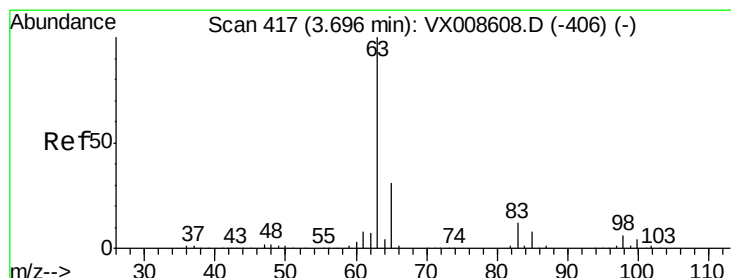
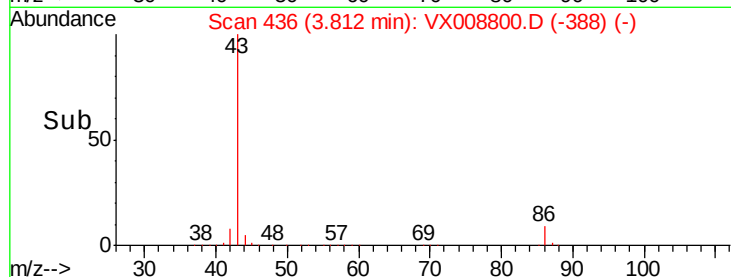
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.142 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

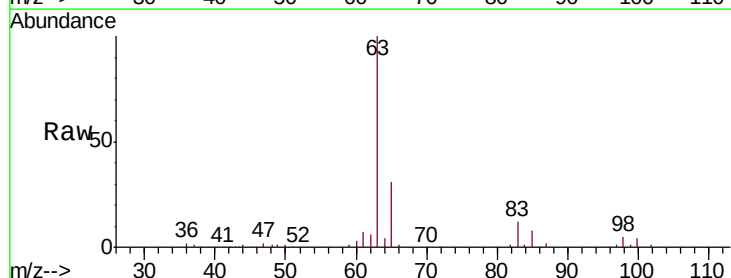
Tgt Ion: 63 Resp: 82317

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

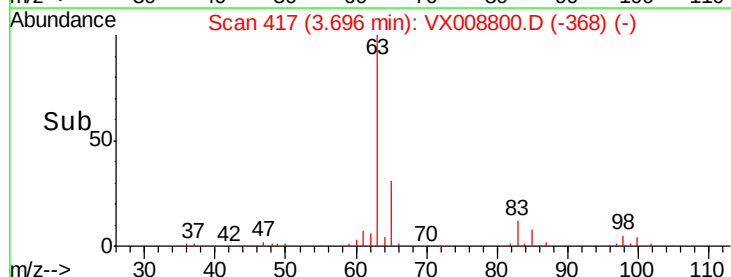
30000

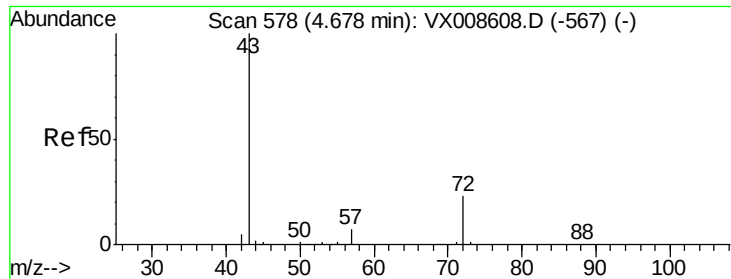
20000

10000

0

Time-->





#25

2-Butanone

Concen: 83.051 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

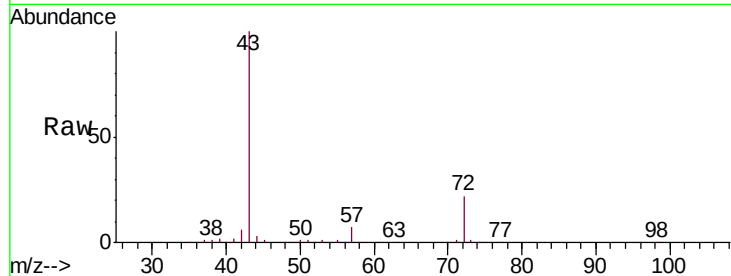
VX0410WBSD01

Tgt Ion: 43 Resp: 222661

Ion Ratio Lower Upper

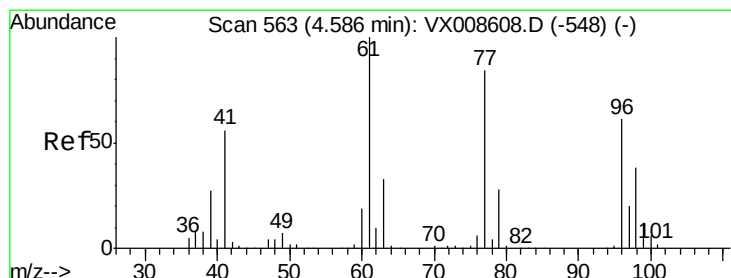
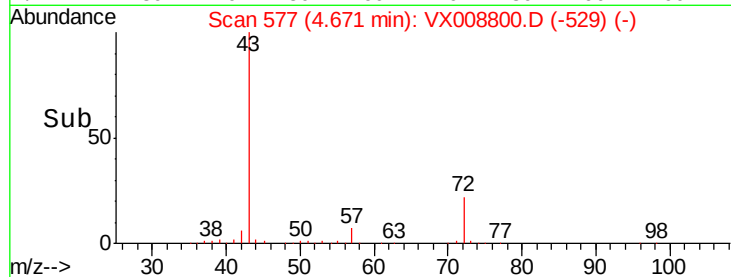
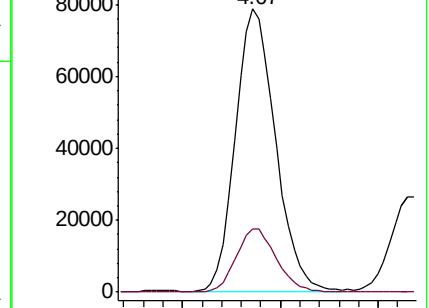
43 100

72 22.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.479 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008800.D

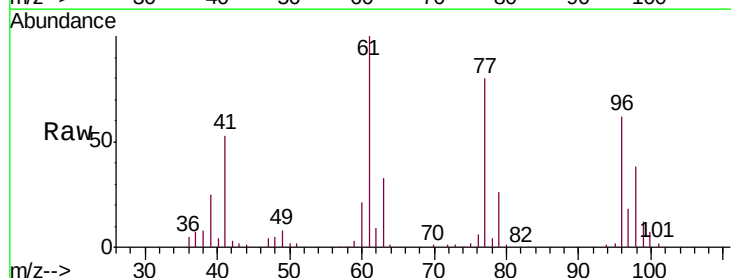
Acq: 10 Apr 2019 13:13

Tgt Ion: 77 Resp: 59190

Ion Ratio Lower Upper

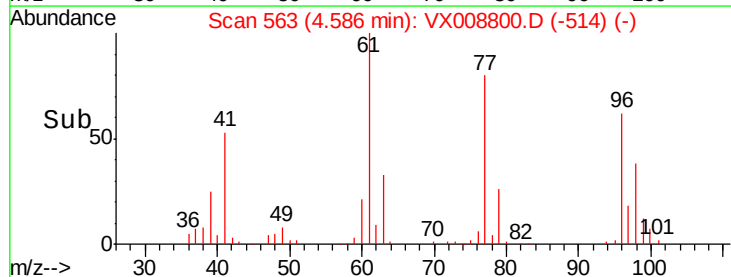
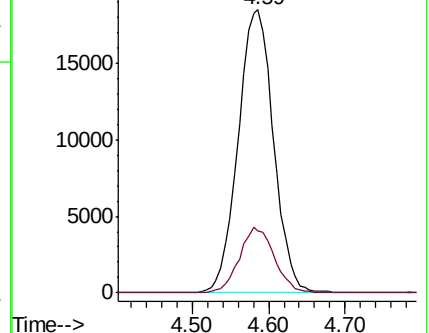
77 100

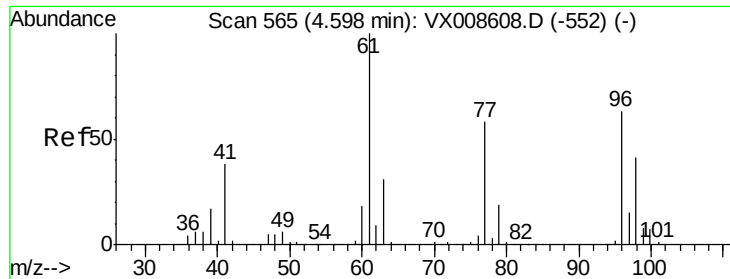
97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



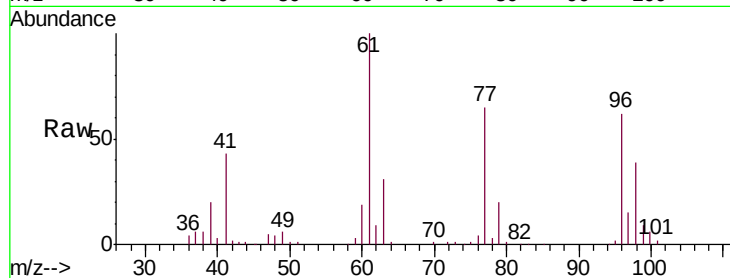


#27

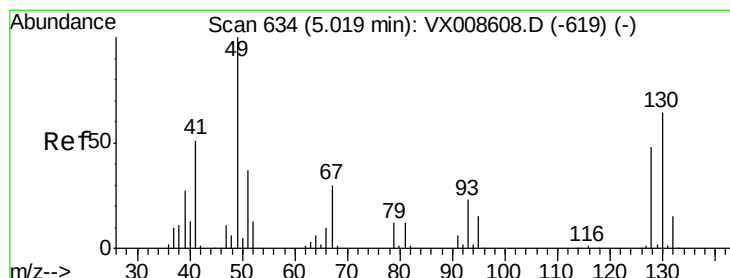
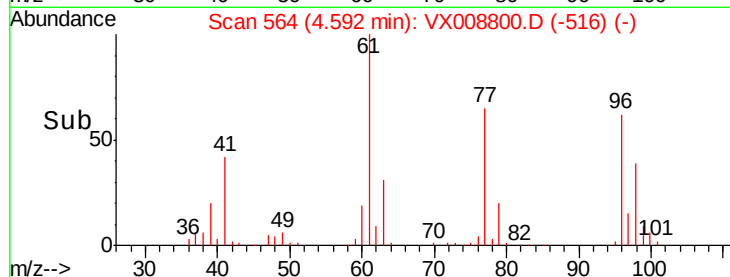
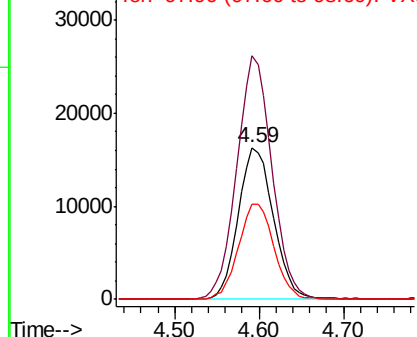
cis-1,2-Dichloroethene
Concen: 15.824 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion: 96 Resp: 45936
Ion Ratio Lower Upper
96 100
61 161.5 0.0 327.6
98 63.3 0.0 128.6



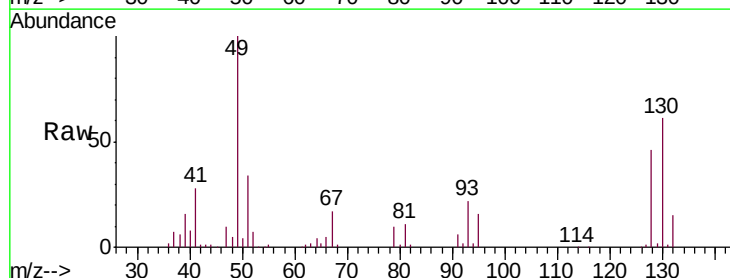
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



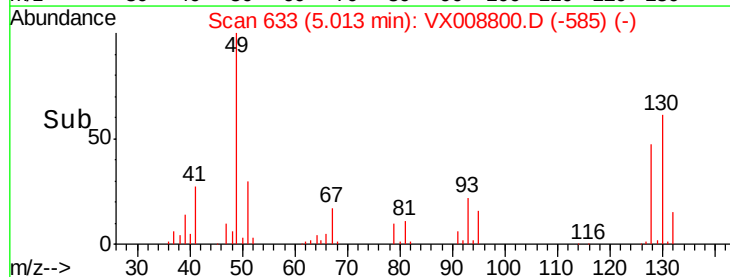
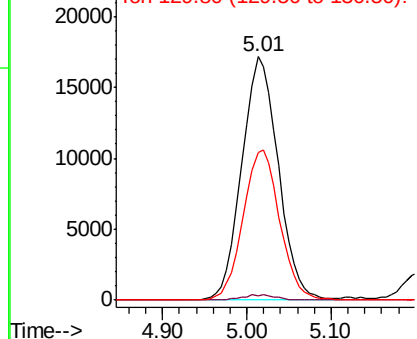
#28

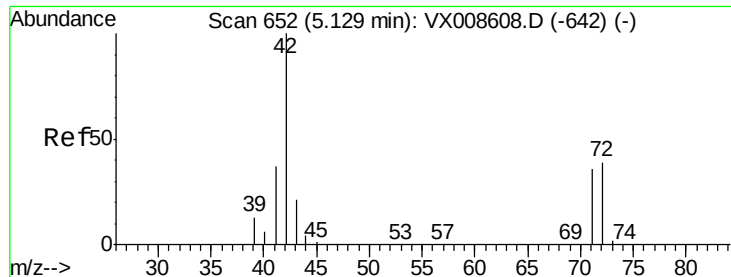
Bromochloromethane
Concen: 22.010 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 49 Resp: 50494
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 61.6 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

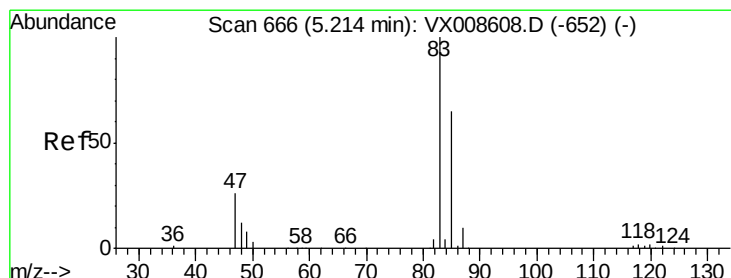
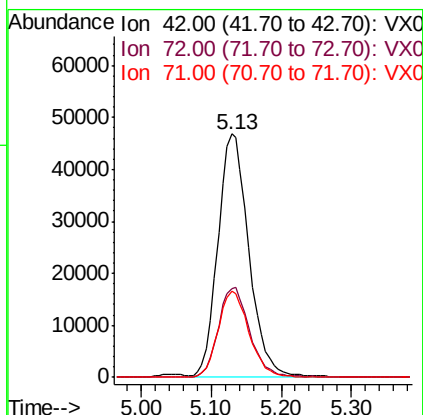
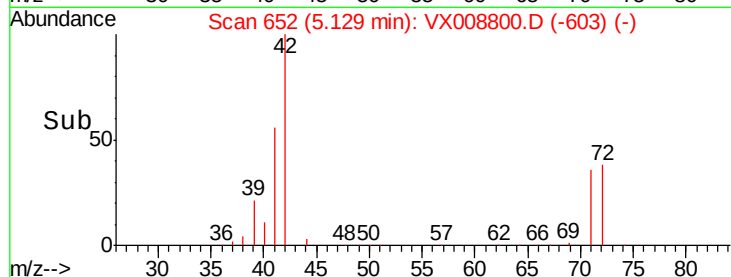
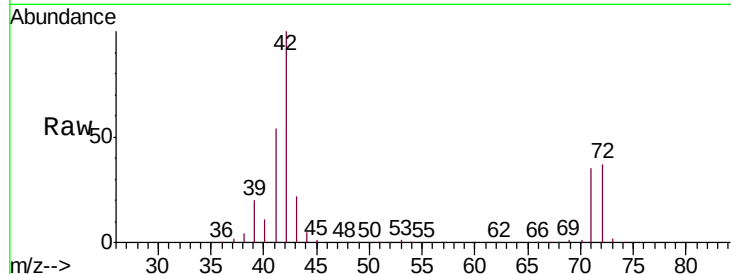




#29
Tetrahydrofuran
Concen: 80.313 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

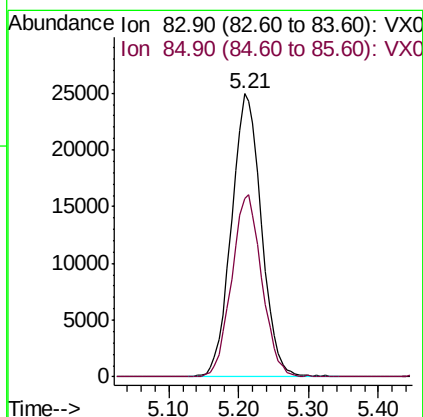
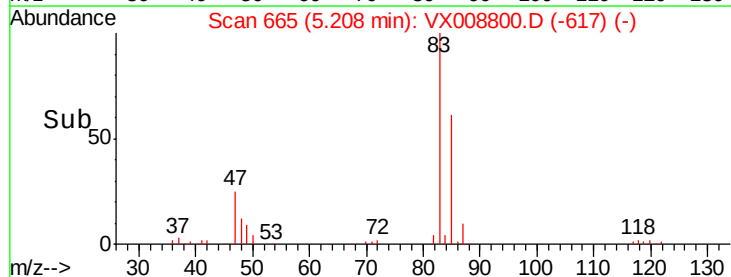
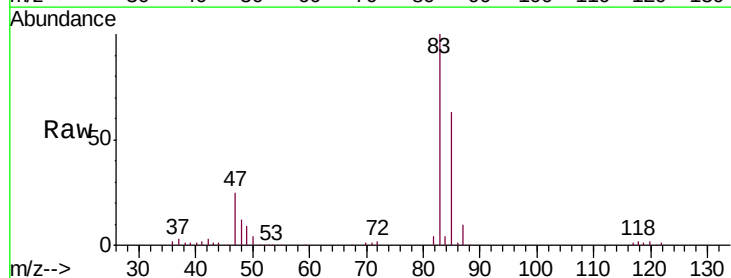
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

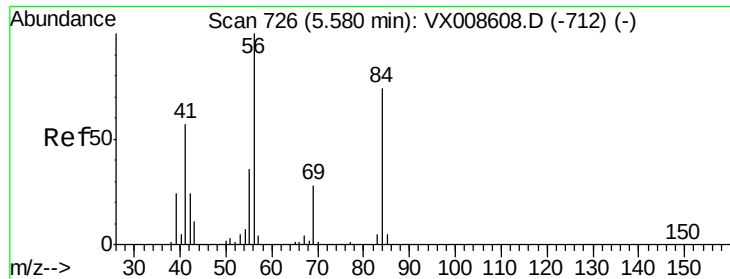
Tgt Ion: 42 Resp: 142914
Ion Ratio Lower Upper
42 100
72 37.8 30.5 45.7
71 35.7 28.6 43.0



#30
Chloroform
Concen: 16.240 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 83 Resp: 73970
Ion Ratio Lower Upper
83 100
85 62.8 52.1 78.1

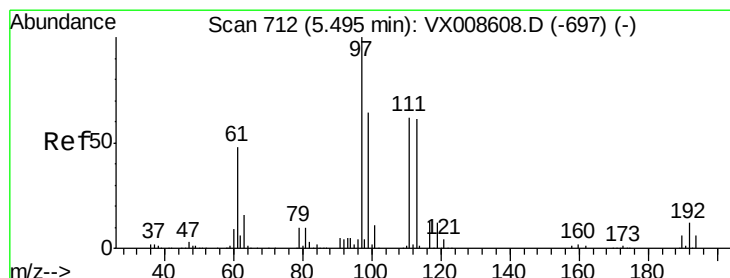
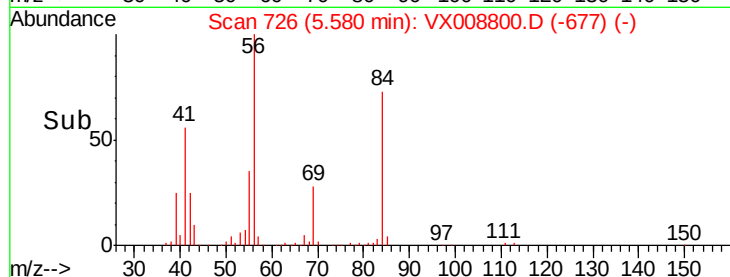
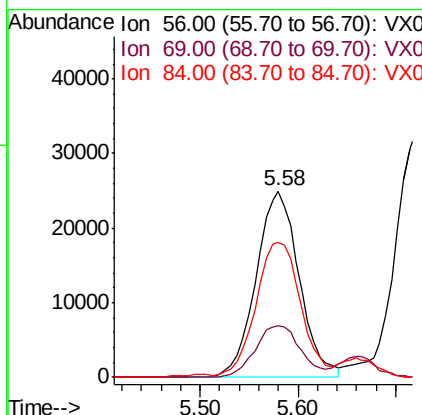
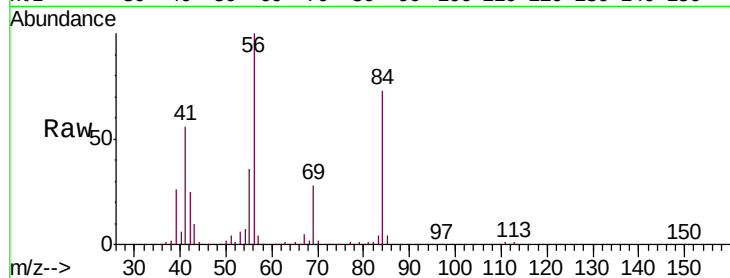




#31
Cyclohexane
Concen: 14.984 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

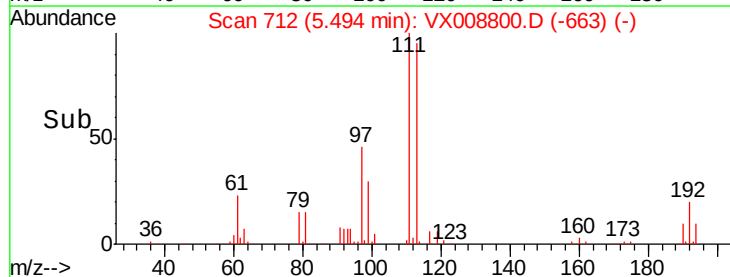
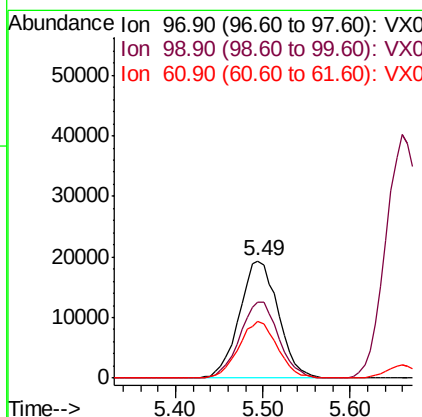
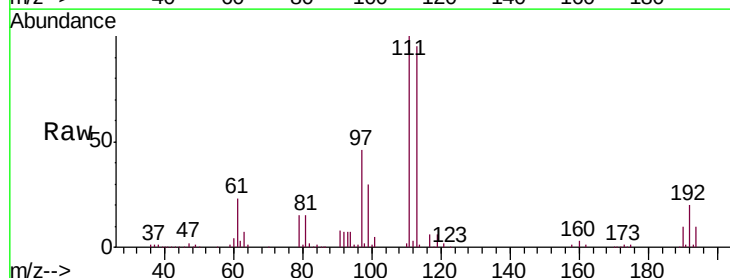
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

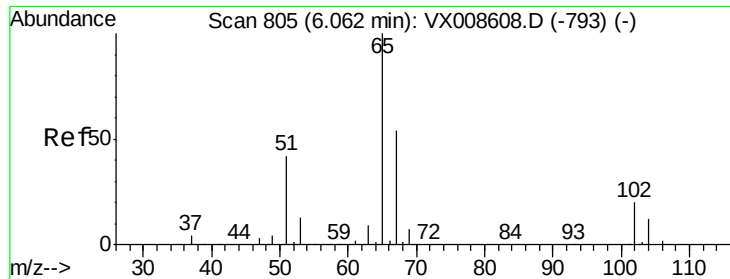
Tgt Ion: 56 Resp: 76246
Ion Ratio Lower Upper
56 100
69 27.6 22.6 33.8
84 71.4 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 16.255 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 97 Resp: 59829
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 48.2 38.9 58.3

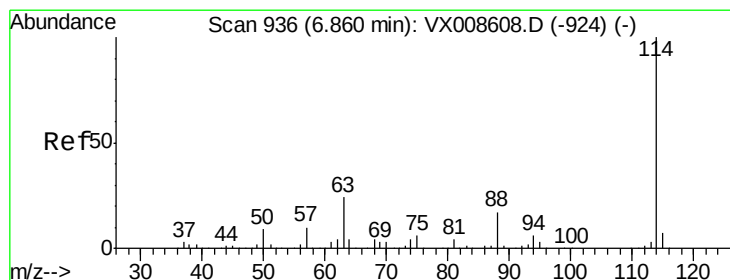
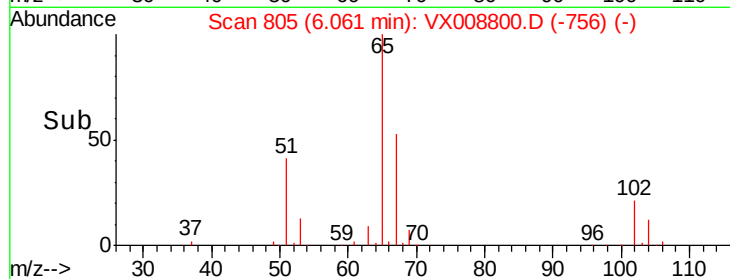
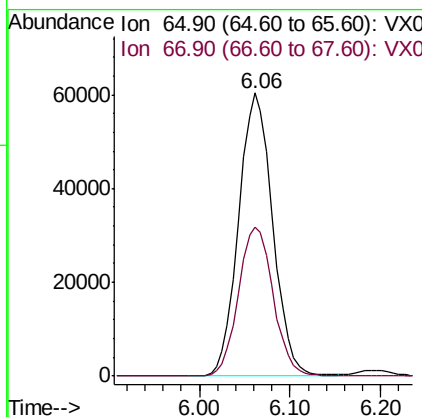
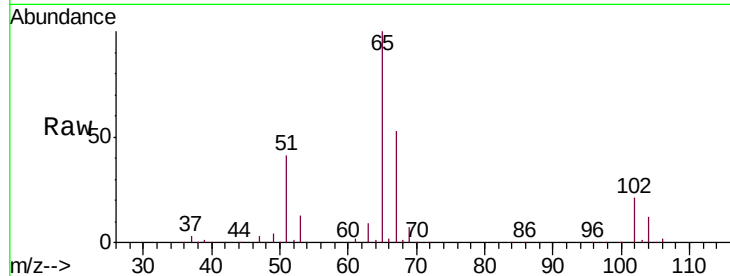




#33
 1,2-Dichloroethane-d4
 Concen: 53.395 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

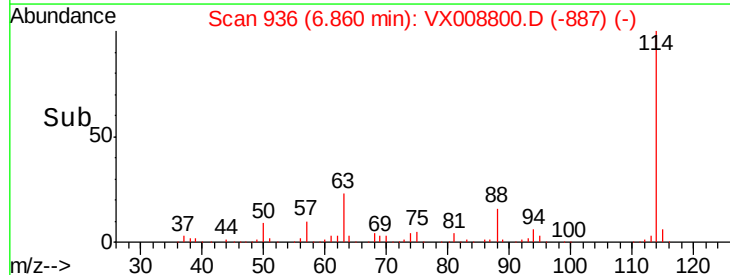
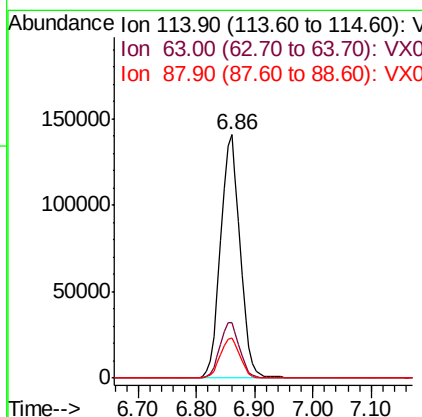
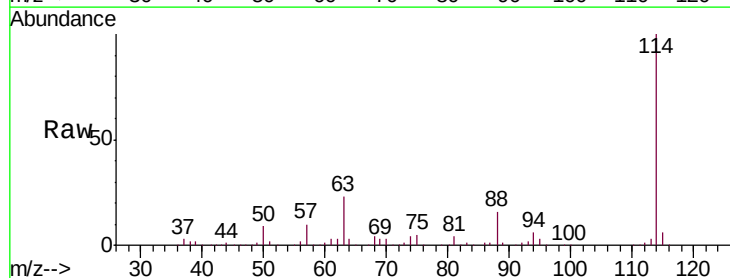
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

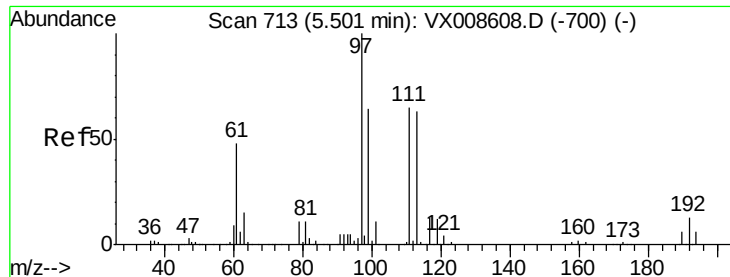
Tgt Ion: 65 Resp: 157252
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 114 Resp: 327834
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.2
 88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 55.424 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

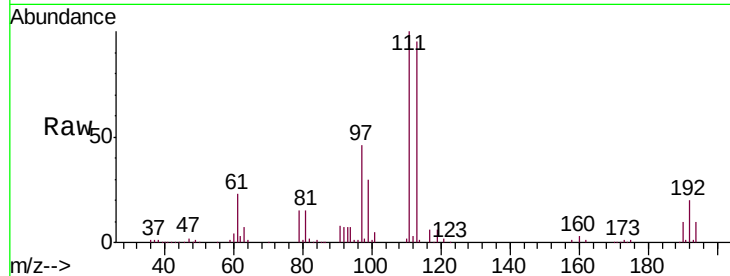
Tgt Ion:113 Resp: 116172

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

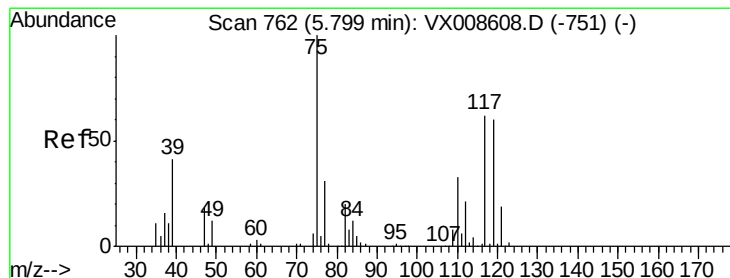
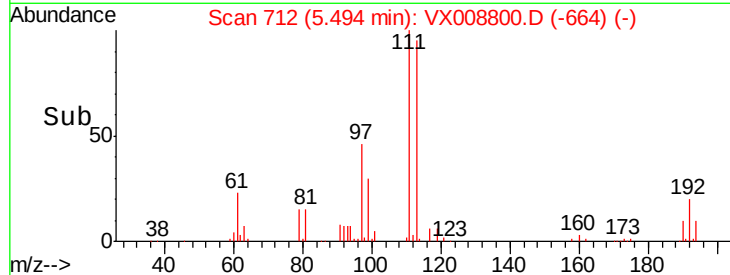
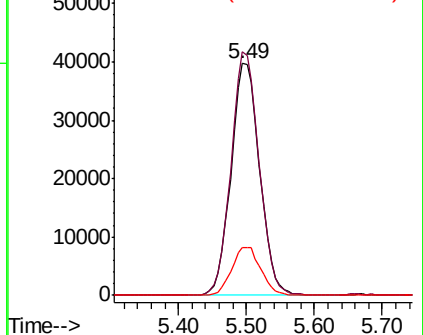
192 20.9 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.641 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

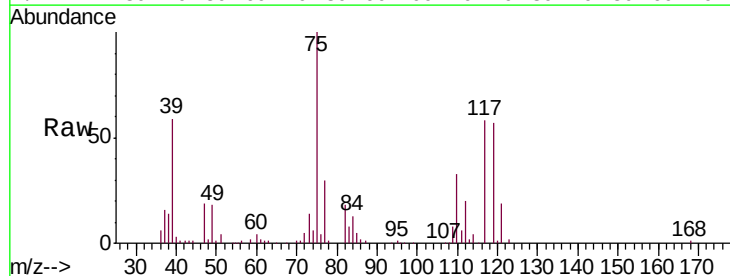
Tgt Ion: 75 Resp: 56052

Ion Ratio Lower Upper

75 100

110 33.5 16.4 49.2

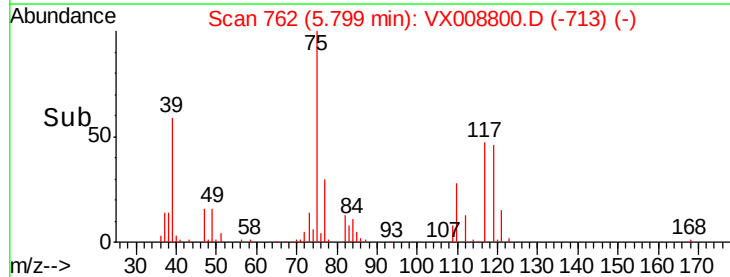
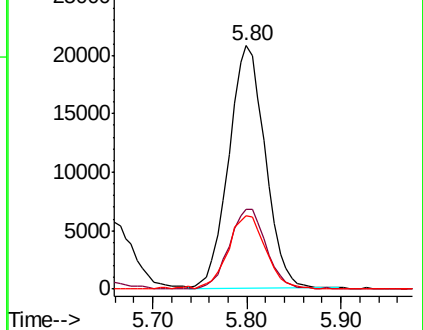
77 31.8 24.7 37.1

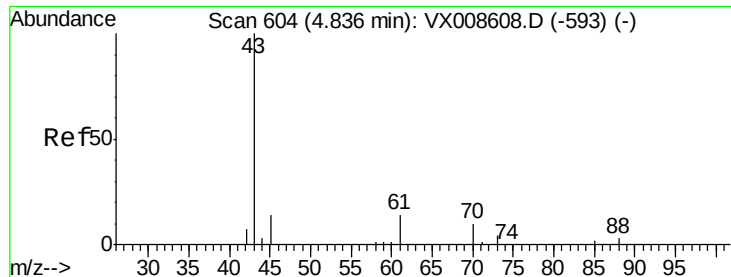


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

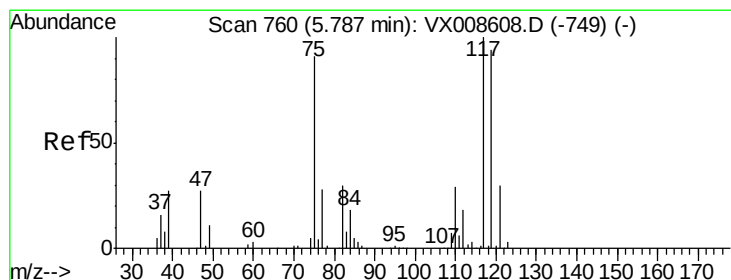
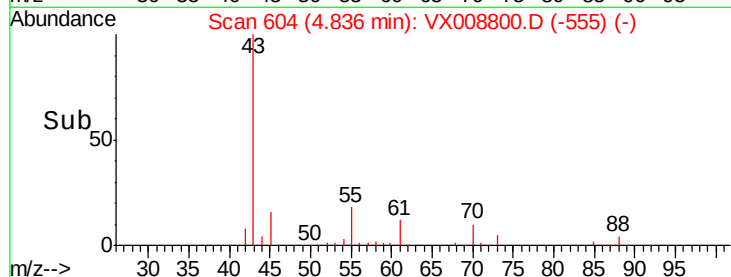
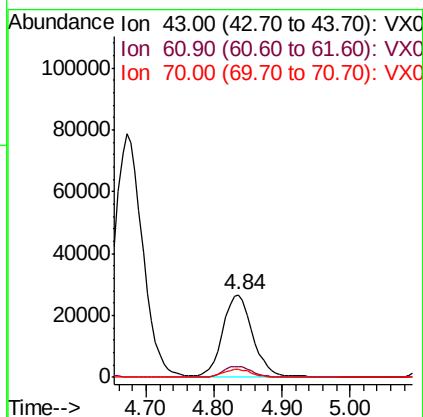
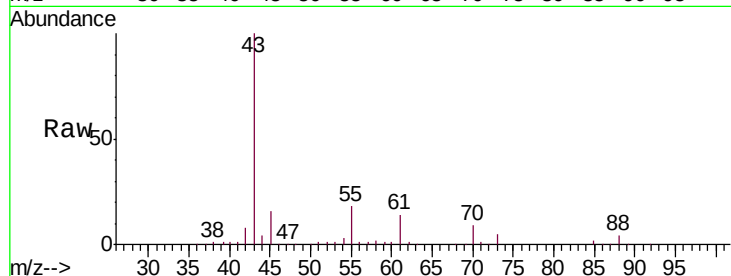




#37
Ethyl Acetate
Concen: 16.997 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

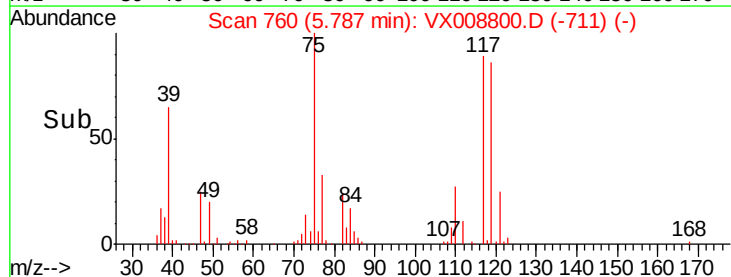
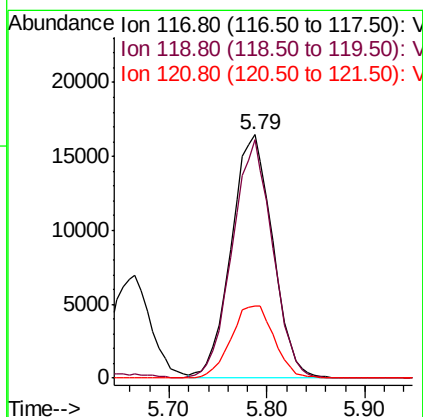
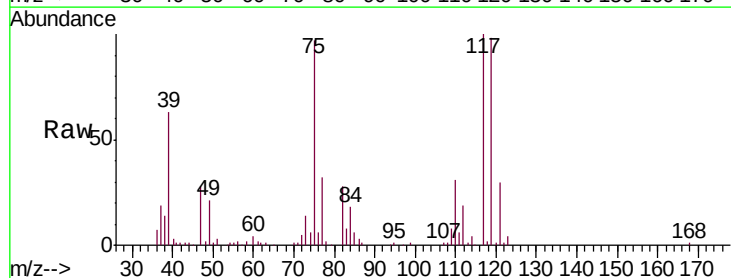
Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

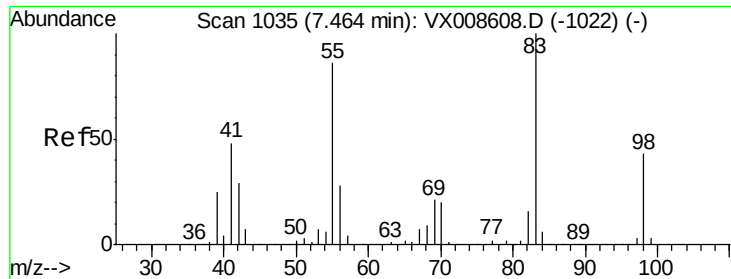
Tgt Ion: 43 Resp: 81301
Ion Ratio Lower Upper
43 100
61 13.8 10.3 15.5
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 16.358 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 117 Resp: 48517
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.6
121 29.5 24.3 36.5

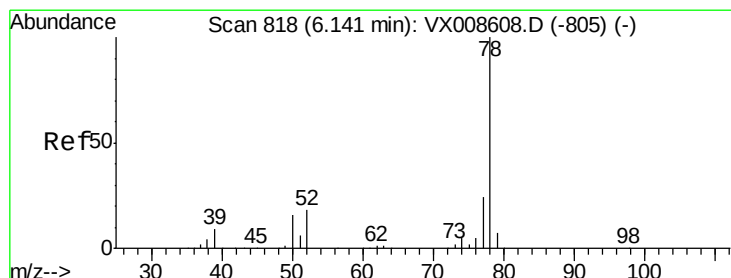
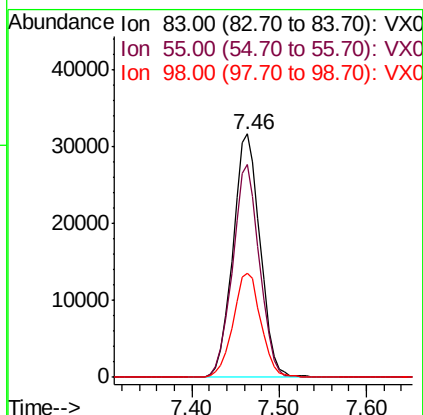
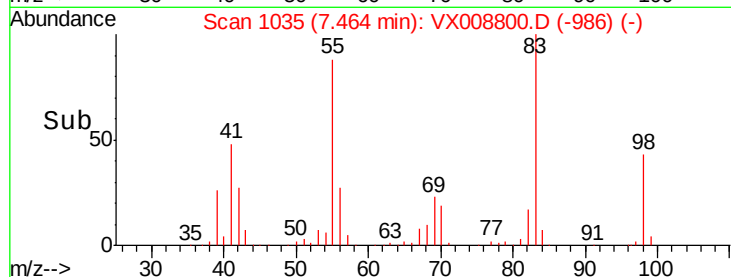
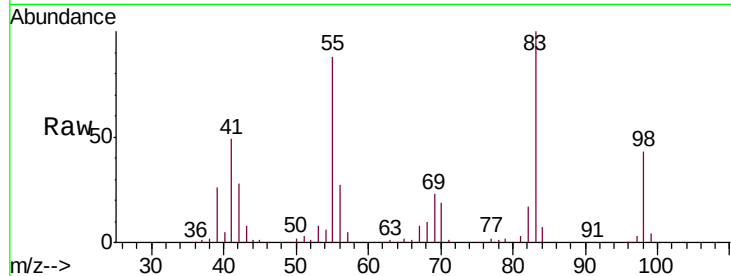




#39
Methylcyclohexane
Concen: 15.479 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

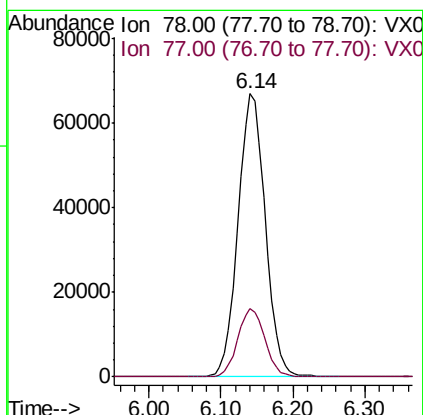
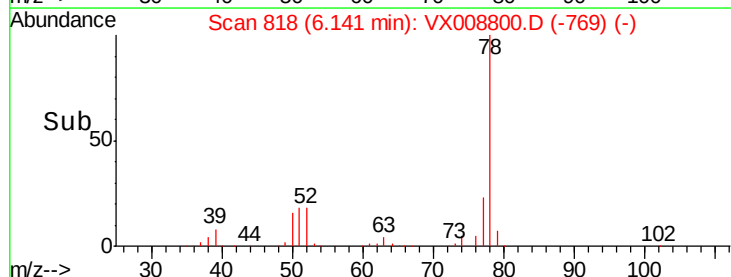
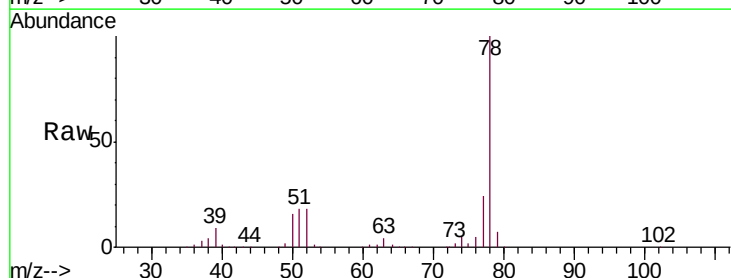
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

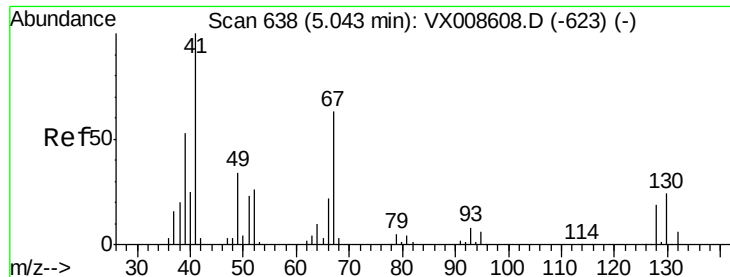
Tgt Ion: 83 Resp: 68522
Ion Ratio Lower Upper
83 100
55 87.6 69.0 103.6
98 42.9 34.4 51.6



#40
Benzene
Concen: 16.477 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 78 Resp: 175905
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

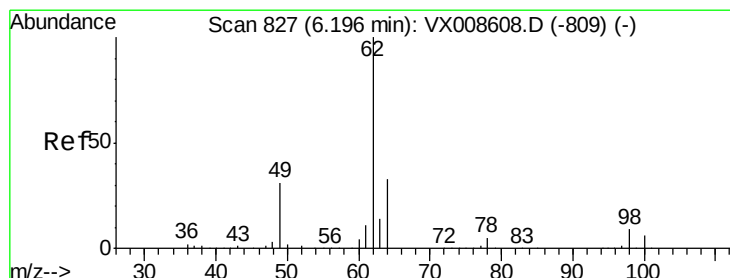
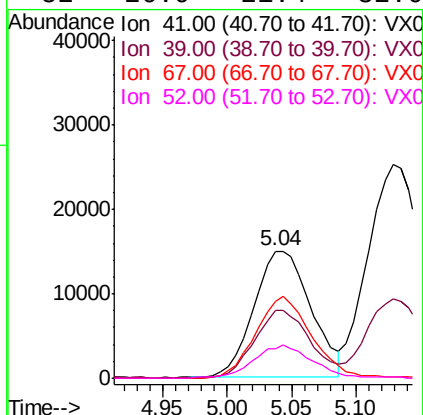
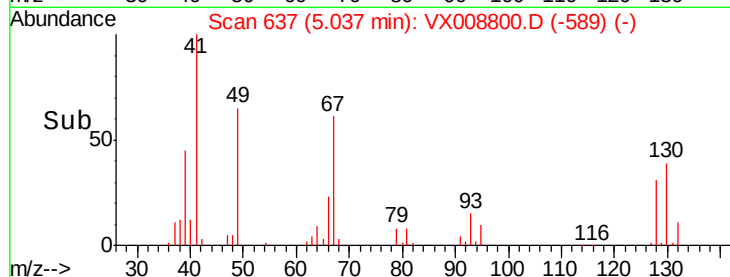
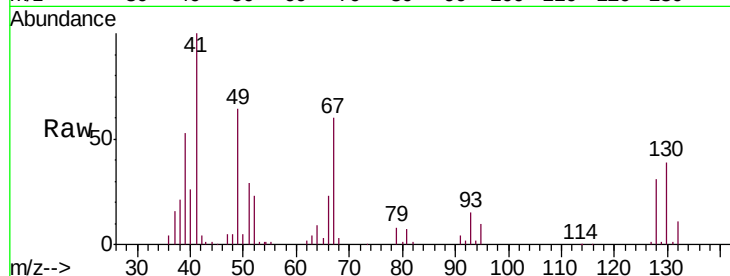




#41
Methacrylonitrile
Concen: 16.766 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

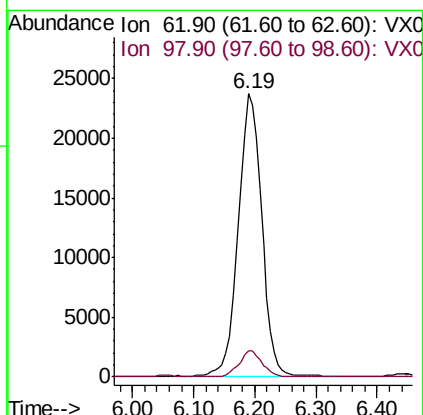
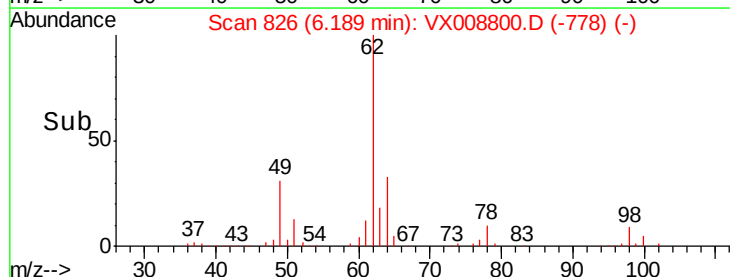
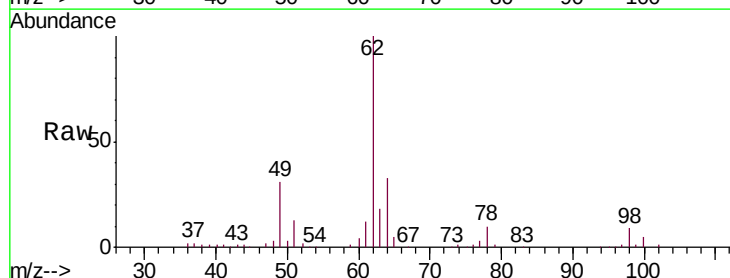
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

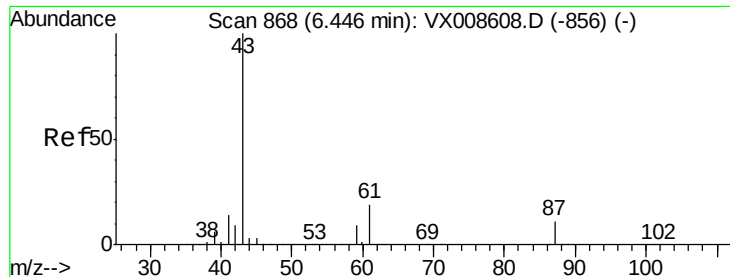
Tgt Ion:	41	Resp:	46099
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.1	63.1
67	63.6	51.0	76.6
52	26.9	21.4	32.0



#42
1,2-Dichloroethane
Concen: 16.509 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:	62	Resp:	63185
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 16.604 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

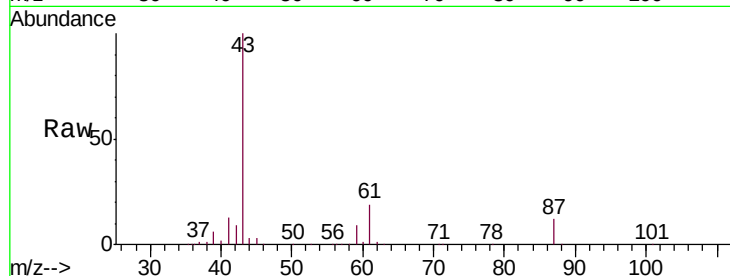
Tgt Ion: 43 Resp: 124415

Ion Ratio Lower Upper

43 100

61 19.2 15.3 22.9

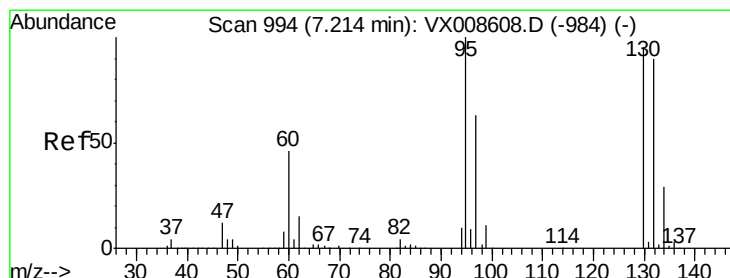
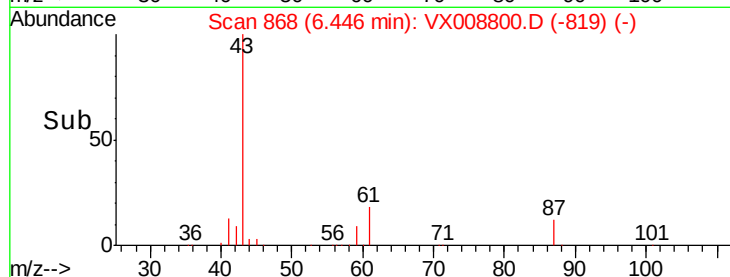
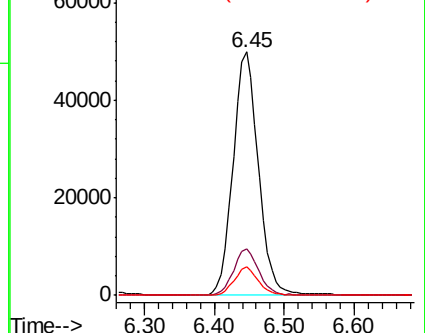
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.345 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008800.D

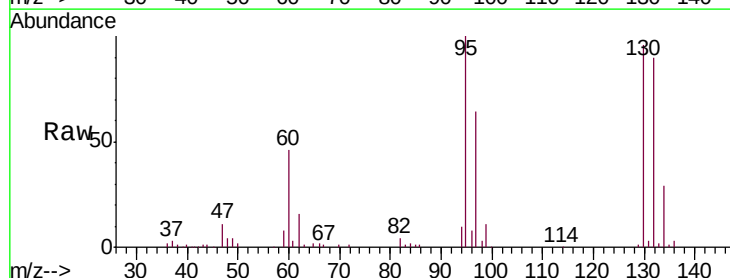
Acq: 10 Apr 2019 13:13

Tgt Ion: 130 Resp: 40641

Ion Ratio Lower Upper

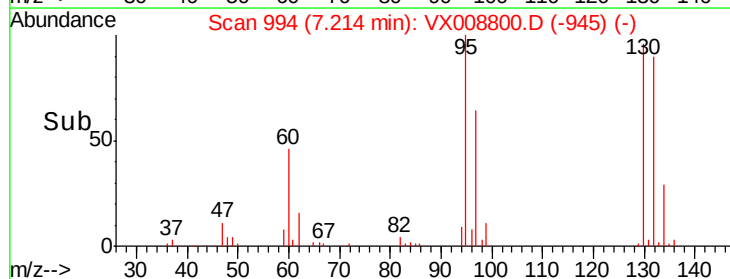
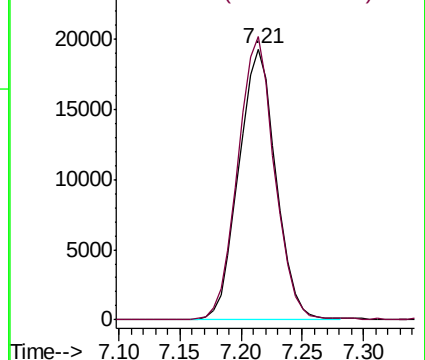
130 100

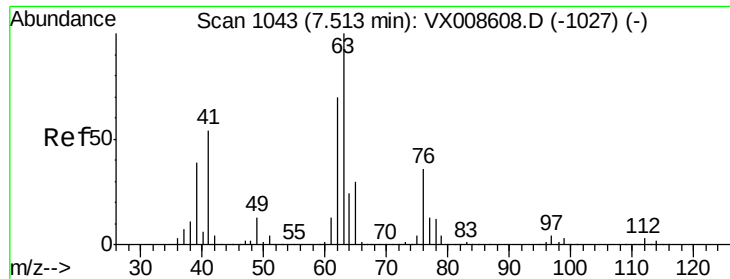
95 104.4 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

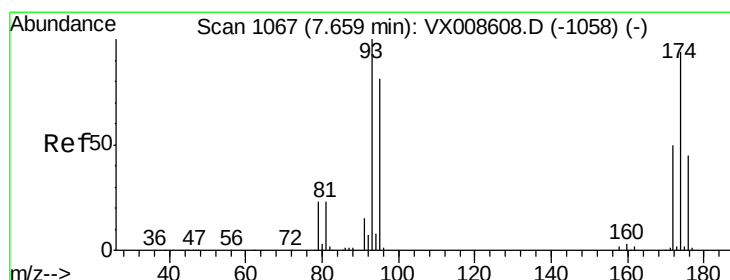
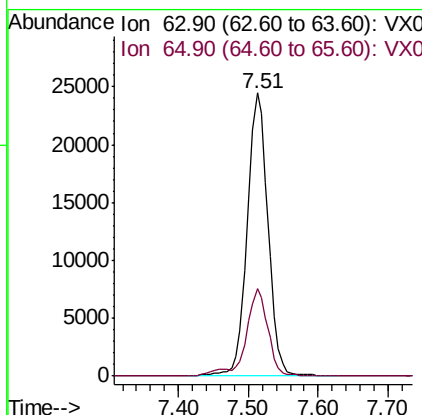
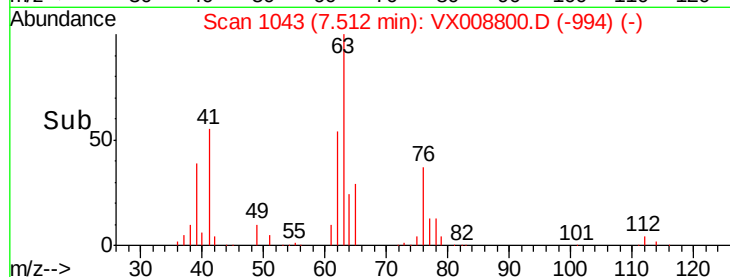
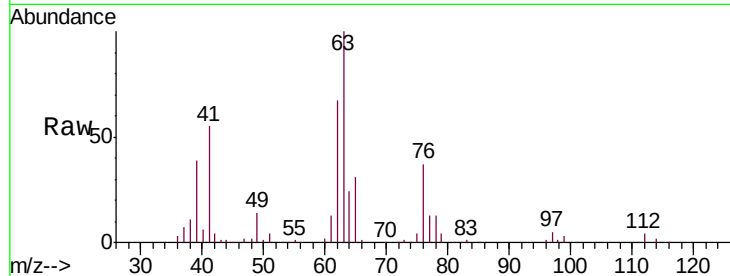




#45
 1,2-Dichloropropane
 Concen: 16.588 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

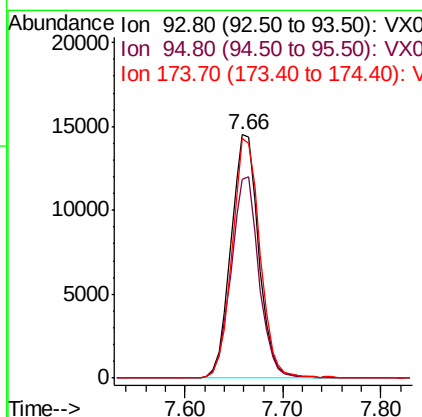
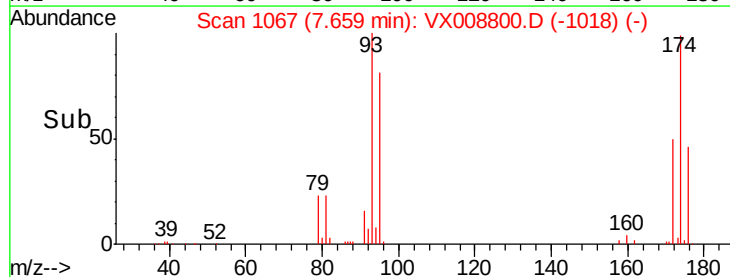
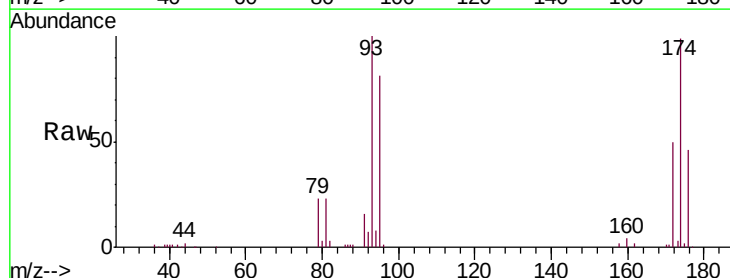
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

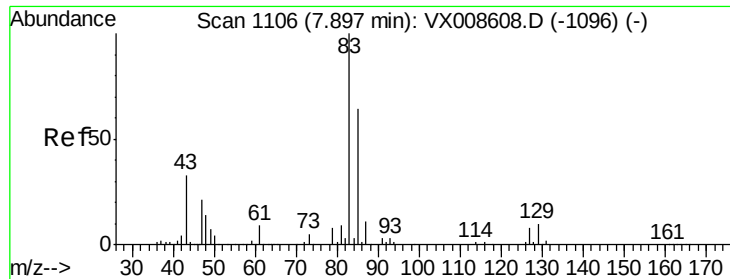
Tgt Ion: 63 Resp: 50546
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.4



#46
 Dibromomethane
 Concen: 16.176 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 93 Resp: 28588
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 99.8
 174 98.8 77.7 116.5





#47

Bromodichloromethane

Concen: 16.824 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

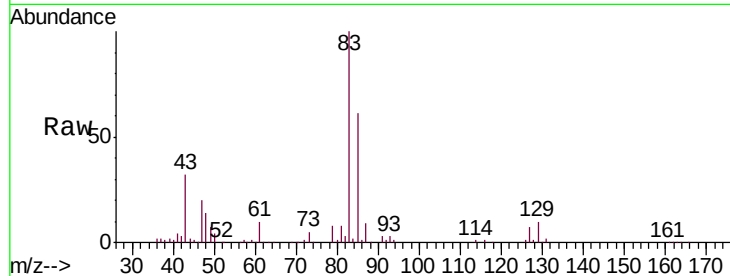
Tgt Ion: 83 Resp: 56062

Ion Ratio Lower Upper

83 100

85 60.9 51.2 76.8

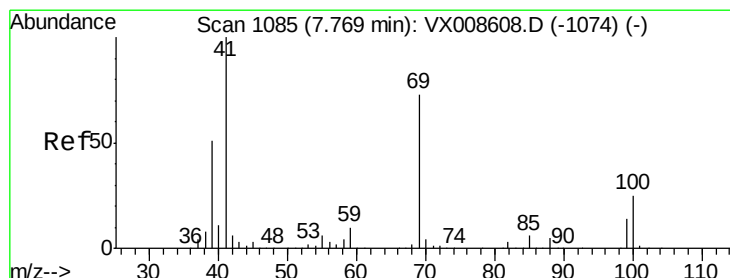
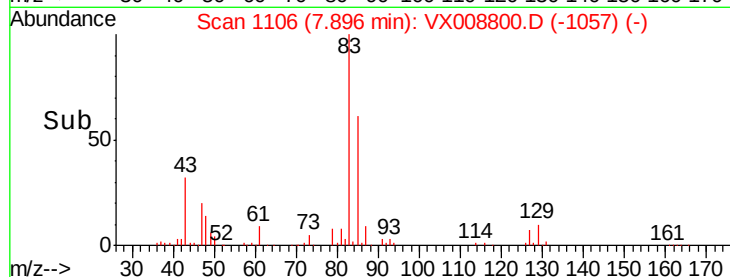
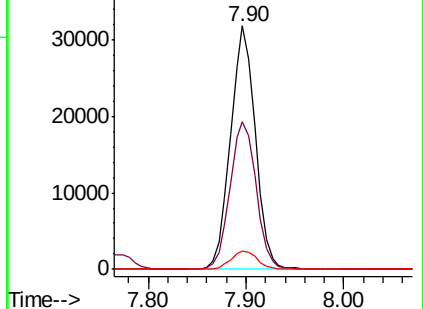
127 7.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.890 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

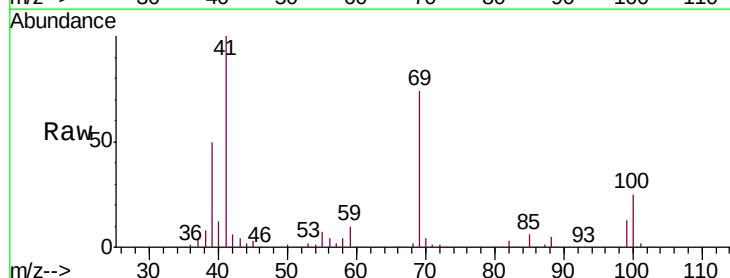
Tgt Ion: 41 Resp: 64020

Ion Ratio Lower Upper

41 100

69 74.2 59.0 88.4

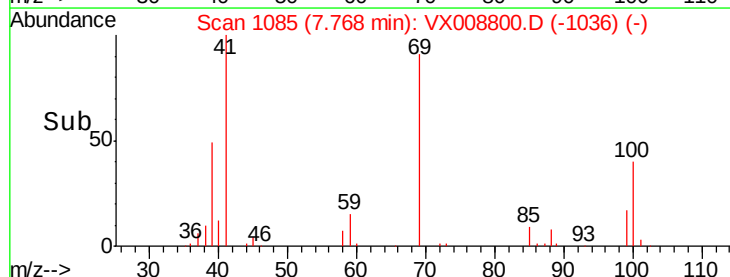
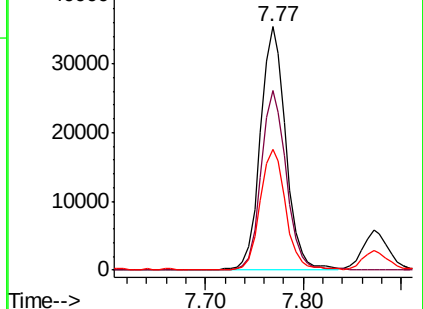
39 50.5 41.0 61.4

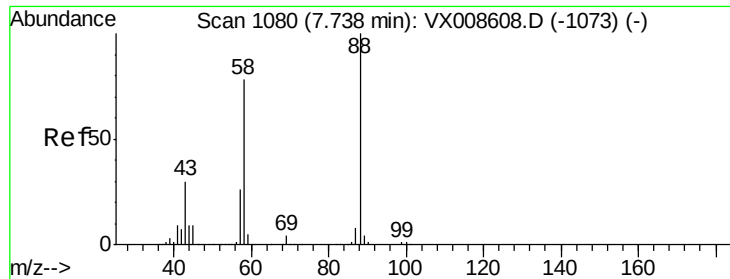


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

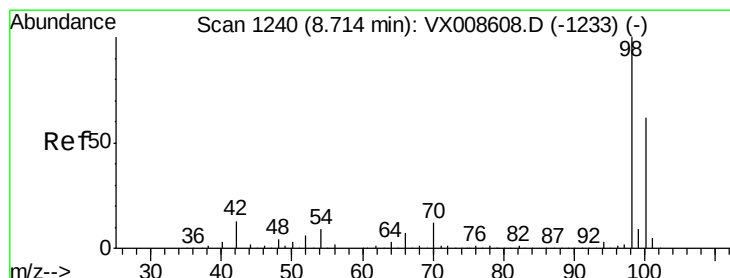
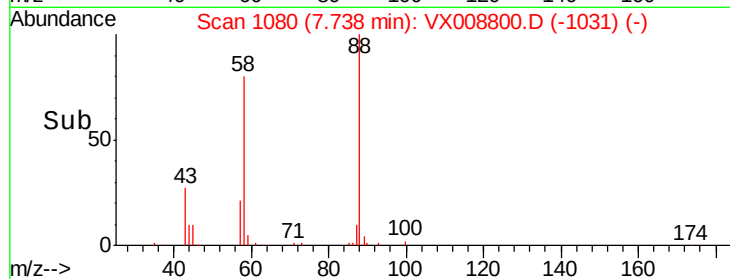
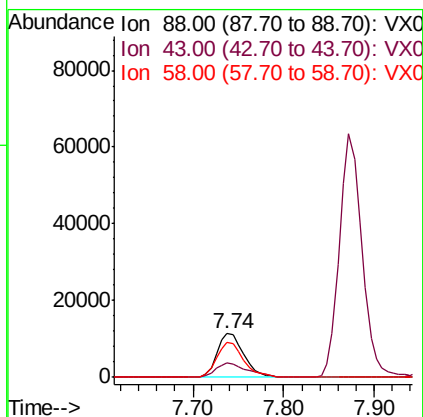
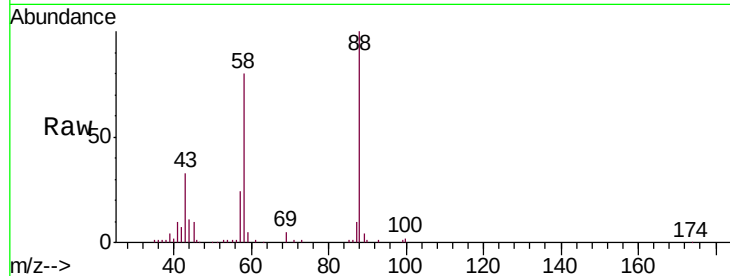




#49
 1,4-Dioxane
 Concen: 332.657 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

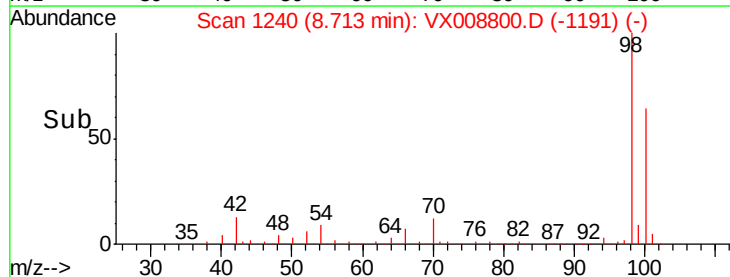
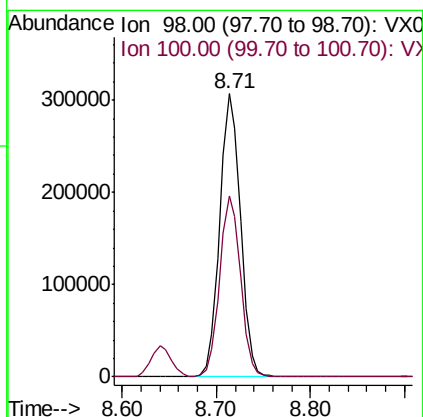
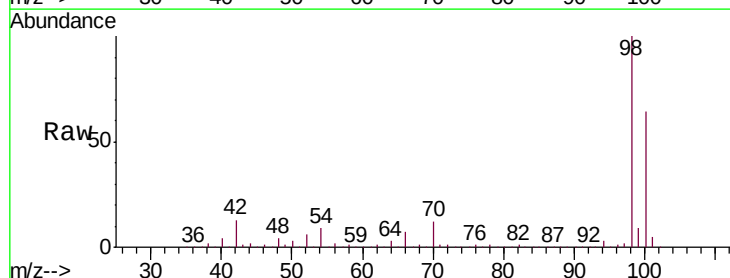
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

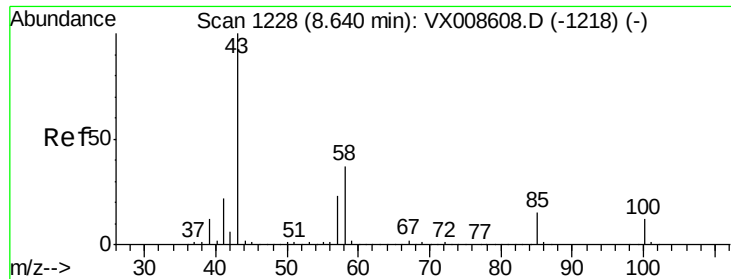
Tgt Ion: 88 Resp: 23620
 Ion Ratio Lower Upper
 88 100
 43 36.0 28.6 43.0
 58 81.6 62.2 93.2



#50
 Toluene-d8
 Concen: 56.453 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 98 Resp: 471150
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 87.215 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

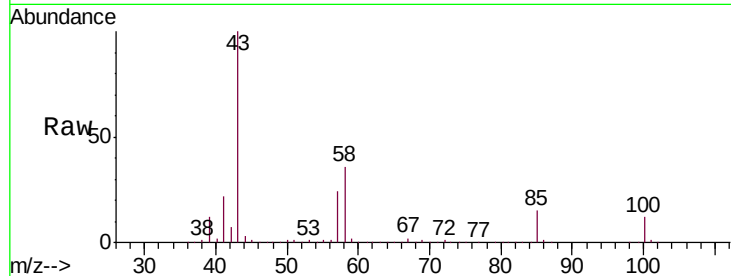
VX0410WBSD01

Tgt Ion: 43 Resp: 420684

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

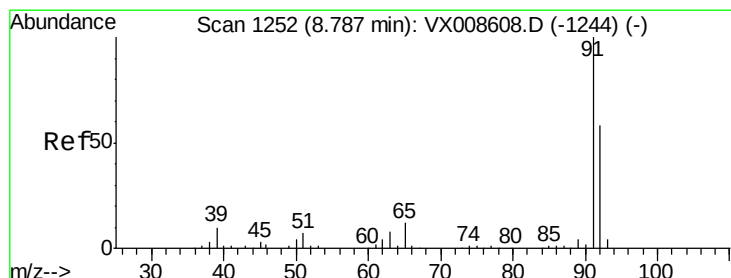
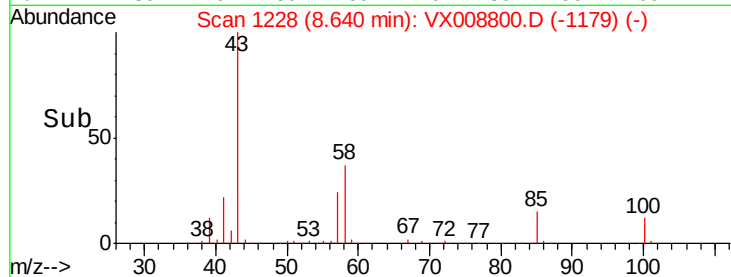
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 16.563 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008800.D

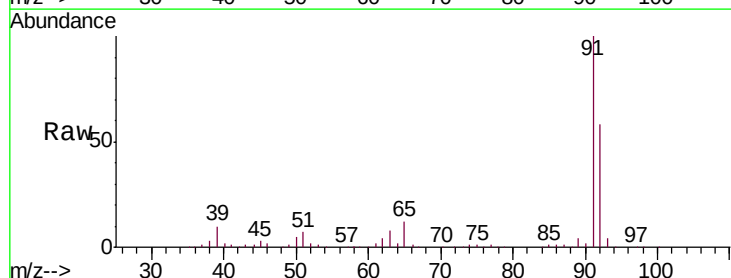
Acq: 10 Apr 2019 13:13

Tgt Ion: 92 Resp: 104250

Ion Ratio Lower Upper

92 100

91 174.7 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

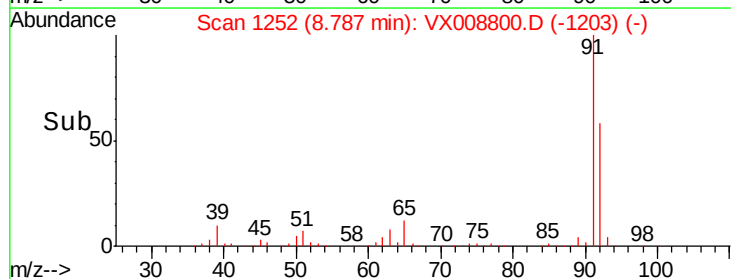
8.79

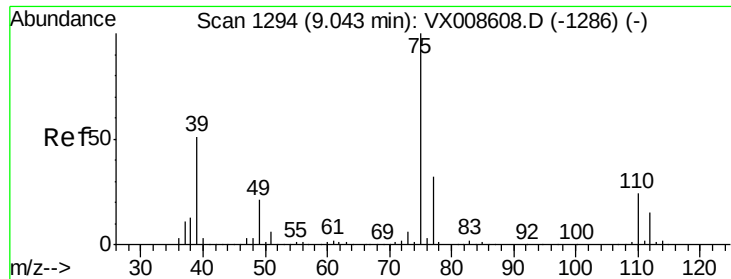
100000

50000

0

Time-->

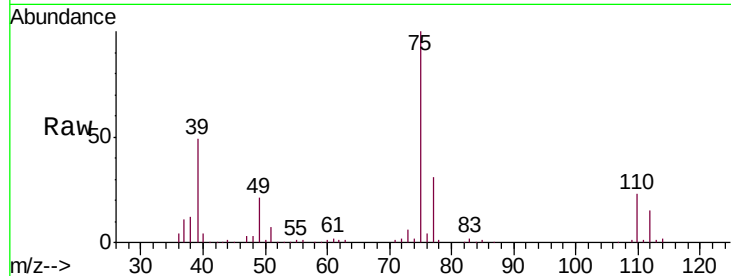




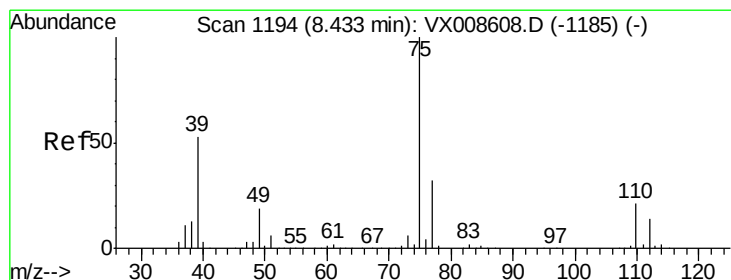
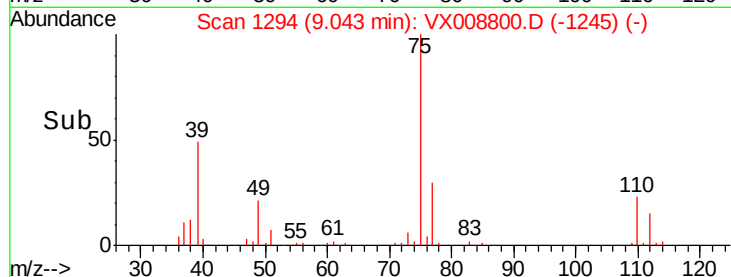
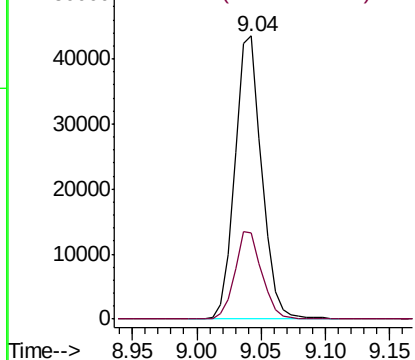
#53
 t-1,3-Dichloropropene
 Concen: 16.901 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tgt Ion: 75 Resp: 63087
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8

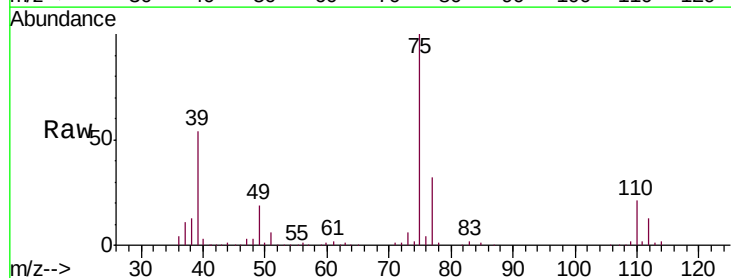


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

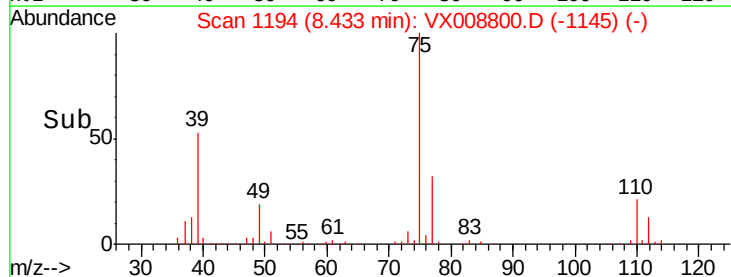
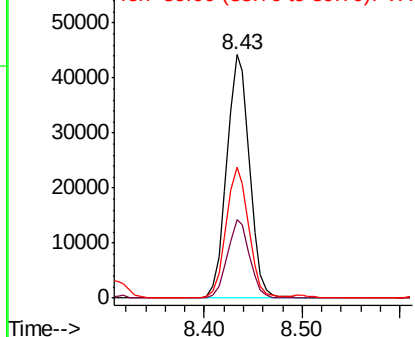


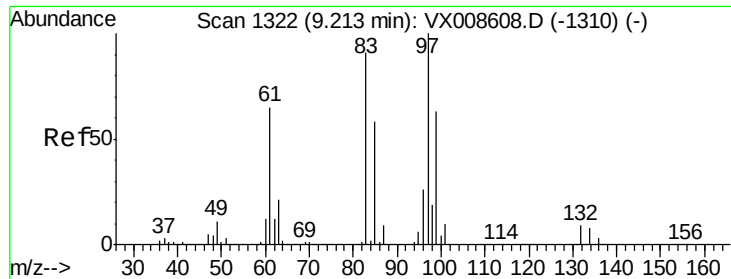
#54
 cis-1,3-Dichloropropene
 Concen: 16.773 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 75 Resp: 71539
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 53.3 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

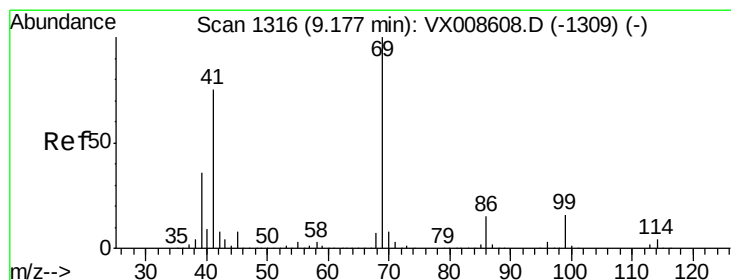
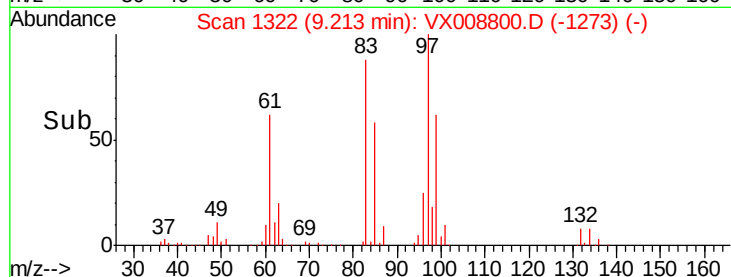
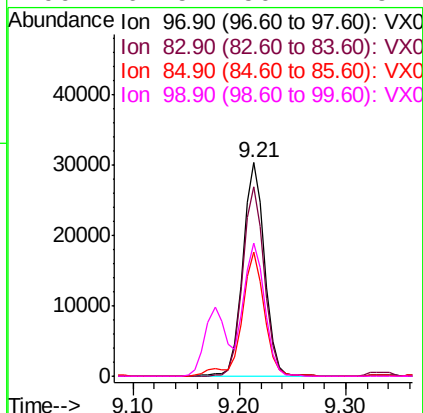
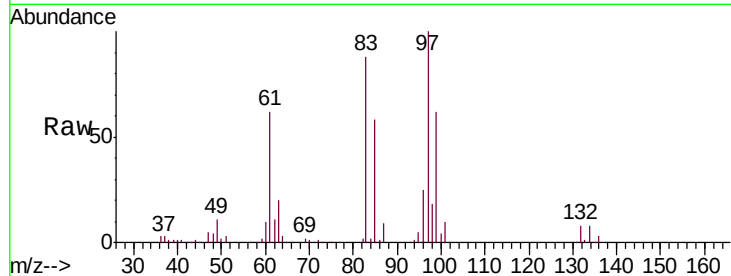




#55
 1,1,2-Trichloroethane
 Concen: 17.203 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

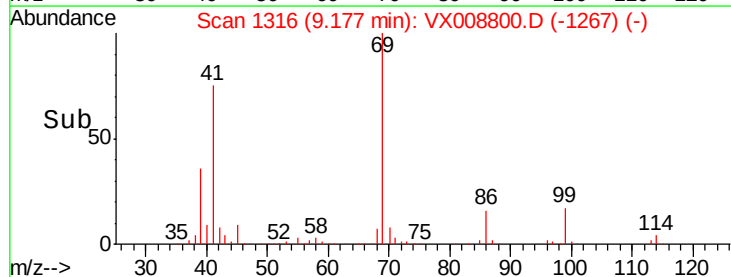
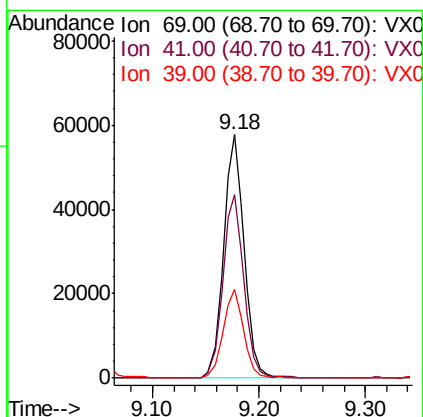
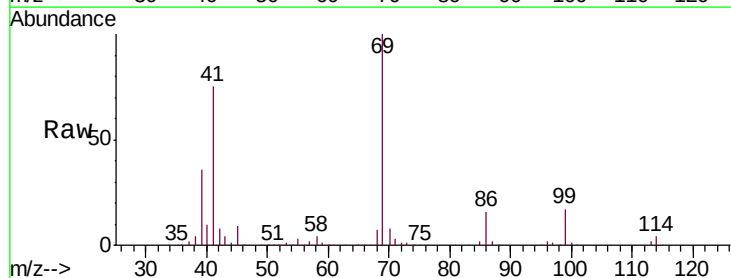
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

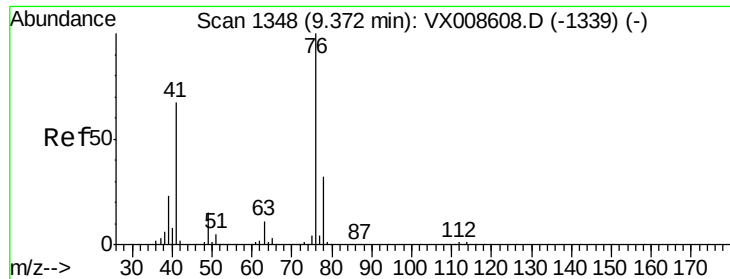
Tgt Ion:	97	Resp:	43462
Ion	Ratio	Lower	Upper
97	100		
83	88.4	73.2	109.8
85	58.2	46.6	69.8
99	62.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 16.988 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion:	69	Resp:	77657
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.1	90.1
39	36.1	28.9	43.3





#57

1,3-Dichloropropane

Concen: 17.048 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

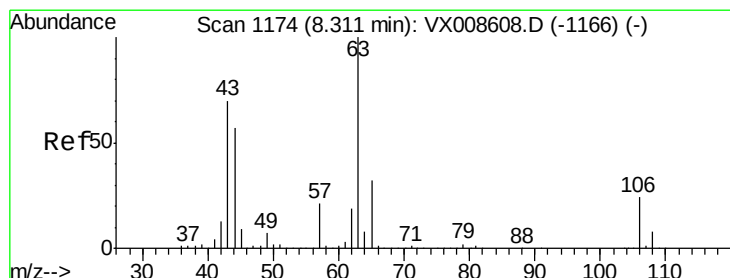
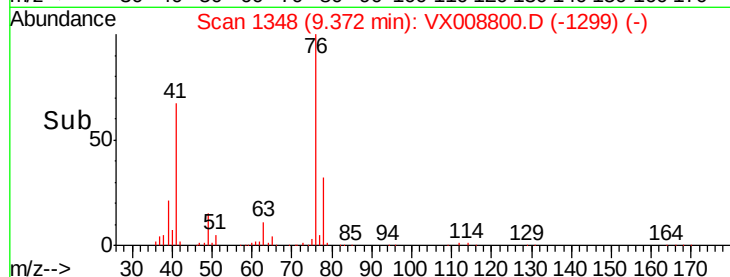
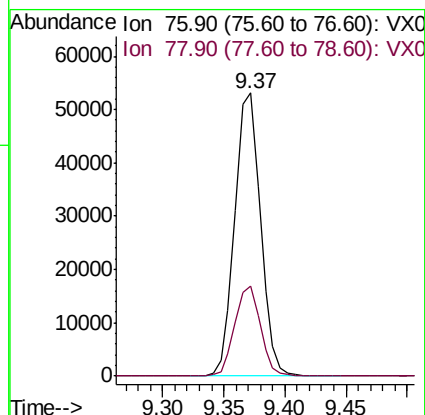
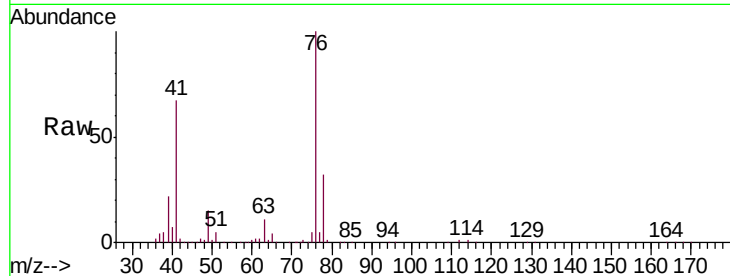
VX0410WBSD01

Tgt Ion: 76 Resp: 77341

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.391 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008800.D

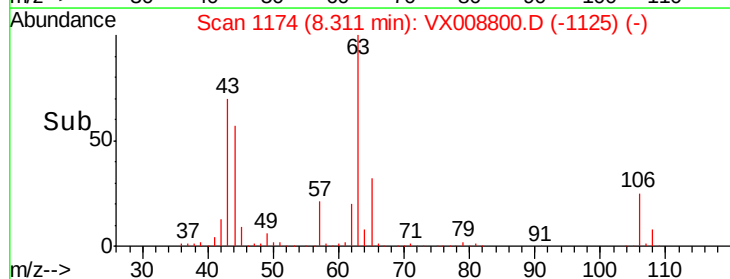
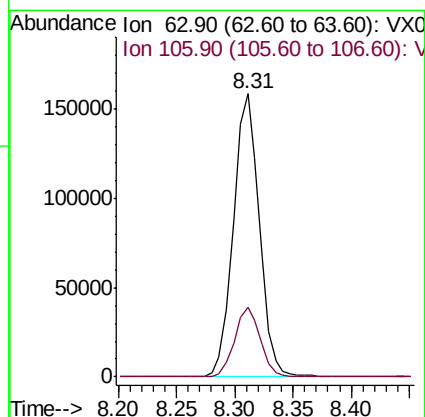
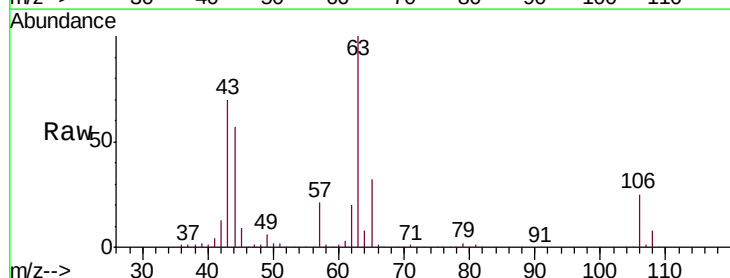
Acq: 10 Apr 2019 13:13

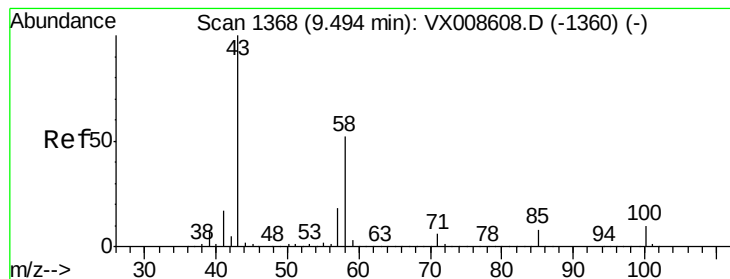
Tgt Ion: 63 Resp: 245994

Ion Ratio Lower Upper

63 100

106 24.4 19.0 28.6





#59

2-Hexanone

Concen: 86.623 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

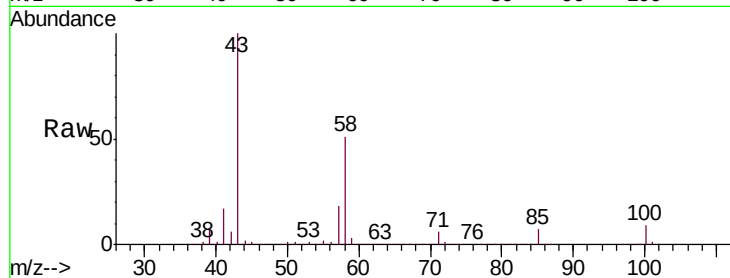
VX0410WBSD01

Tgt Ion: 43 Resp: 324715

Ion Ratio Lower Upper

43 100

58 51.6 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VX008608.D (-1360) (-)

250000

200000

150000

100000

50000

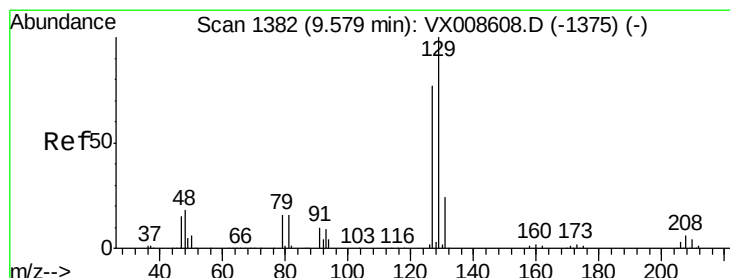
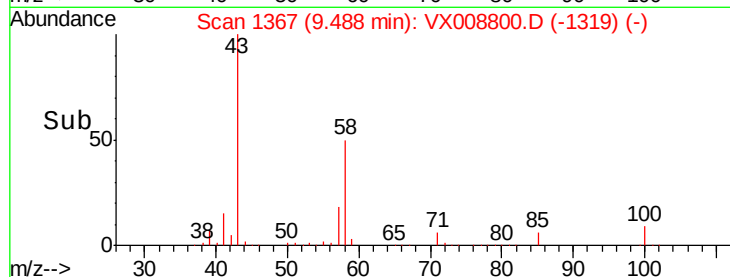
0

9.40

9.50

9.60

Time-->



#60

Dibromochloromethane

Concen: 16.877 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008800.D

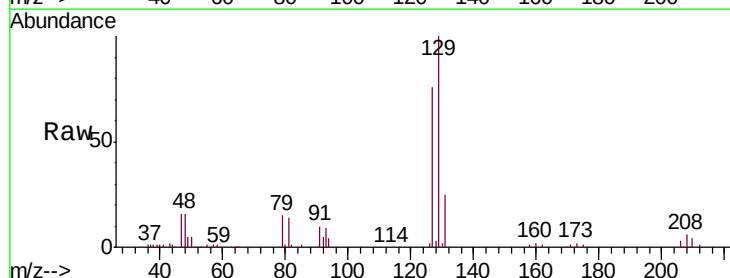
Acq: 10 Apr 2019 13:13

Tgt Ion: 129 Resp: 40179

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VX008608.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX008608.D (-1375) (-)

30000

25000

20000

15000

10000

5000

0

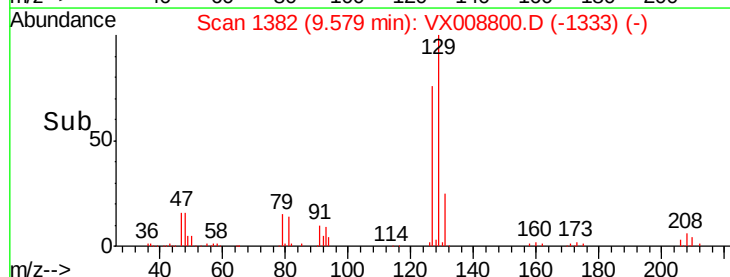
9.50

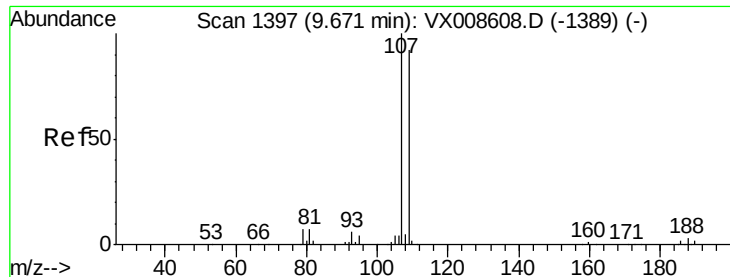
9.55

9.60

9.65

Time-->





#61

1,2-Dibromoethane

Concen: 16.848 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

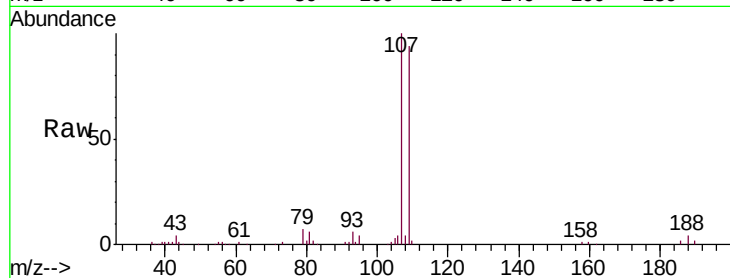
VX0410WBSD01

Tgt Ion: 107 Resp: 44313

Ion Ratio Lower Upper

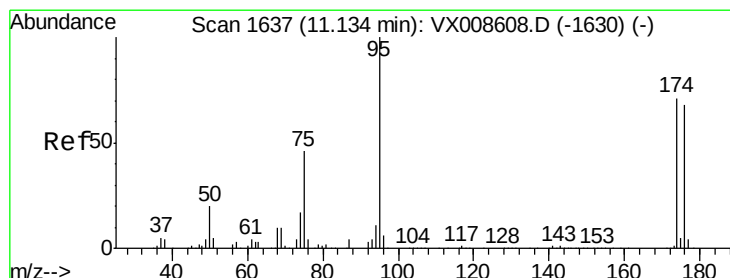
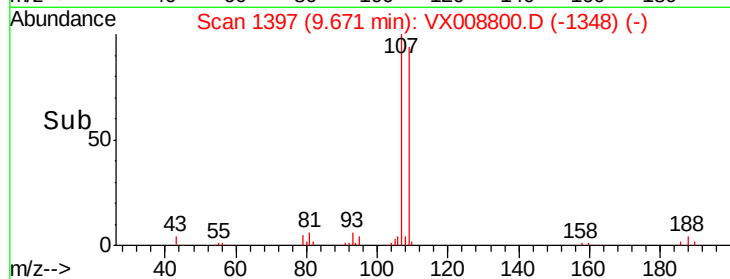
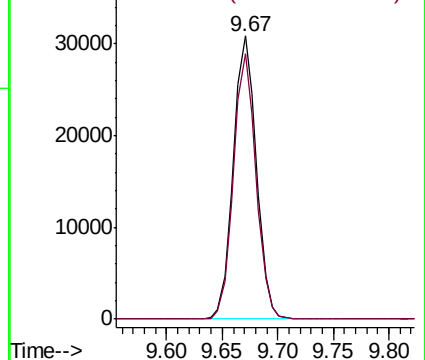
107 100

109 91.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.261 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

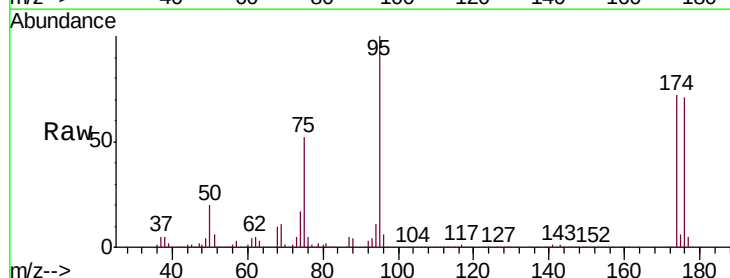
Tgt Ion: 95 Resp: 169469

Ion Ratio Lower Upper

95 100

174 78.4 0.0 151.8

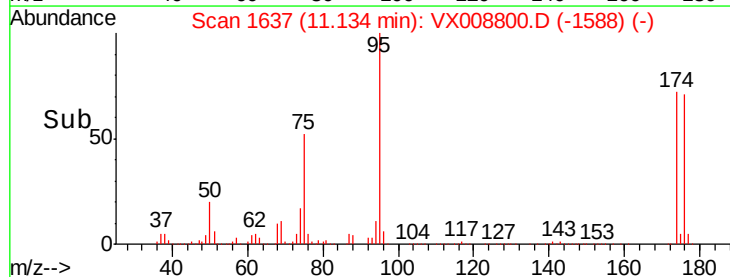
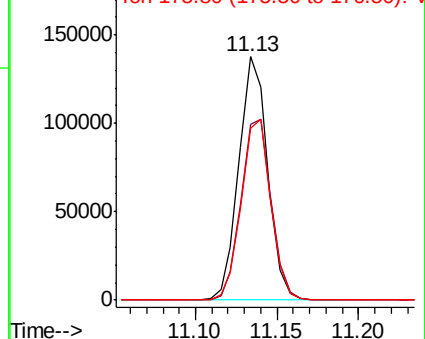
176 76.6 0.0 145.8

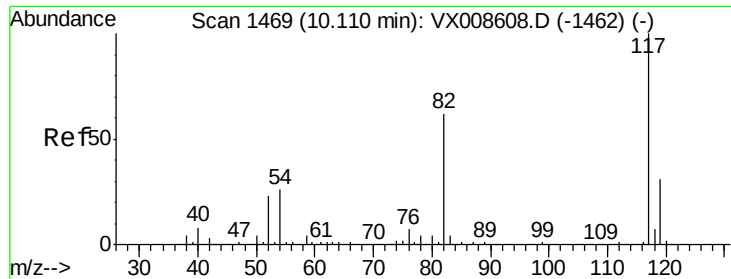


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

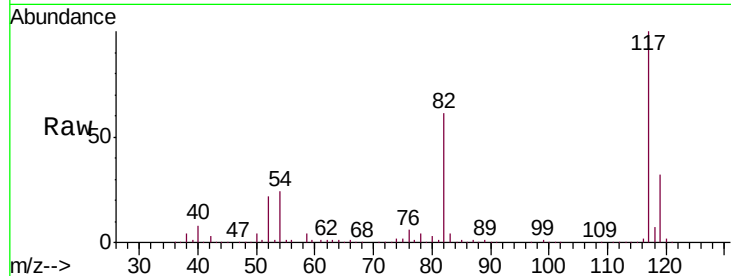




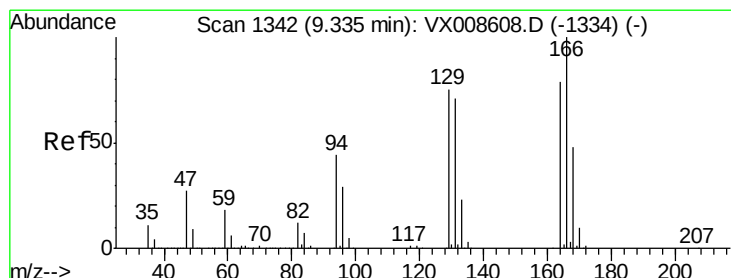
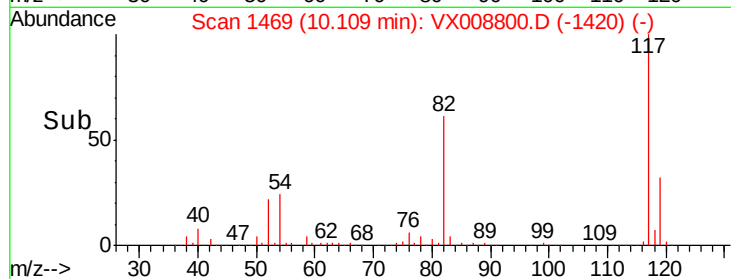
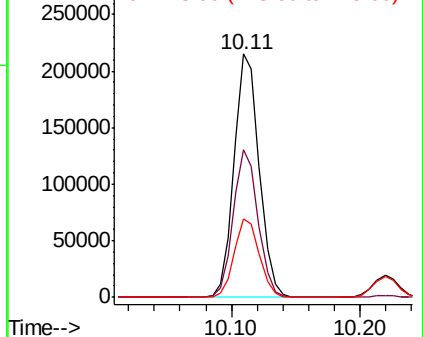
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion:117 Resp: 292253
Ion Ratio Lower Upper
117 100
82 60.6 49.6 74.4
119 32.2 25.0 37.4

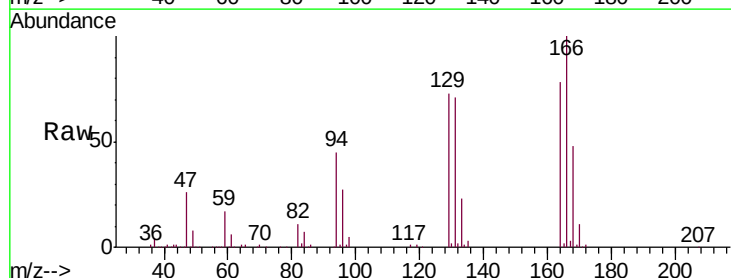


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

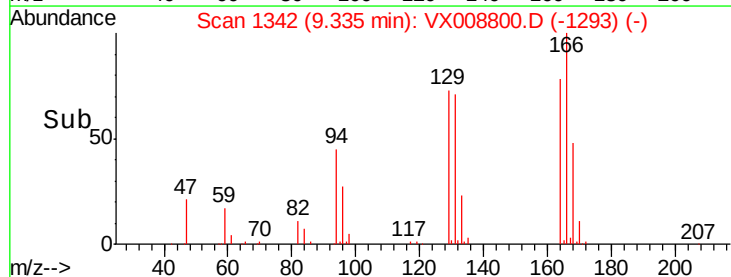
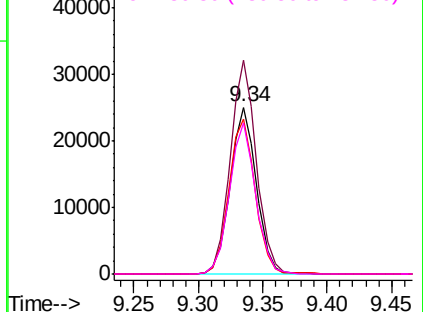


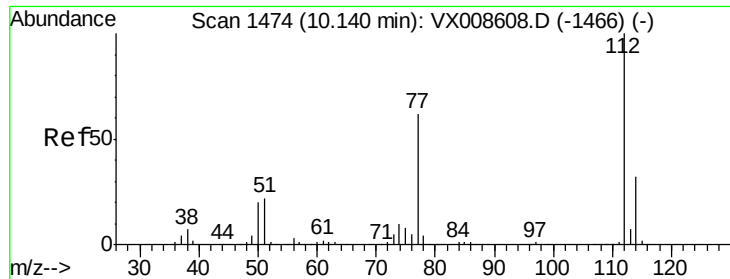
#64
Tetrachloroethene
Concen: 16.398 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:164 Resp: 35506
Ion Ratio Lower Upper
164 100
166 128.3 101.0 151.6
129 93.3 75.8 113.8
131 91.0 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 16.828 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

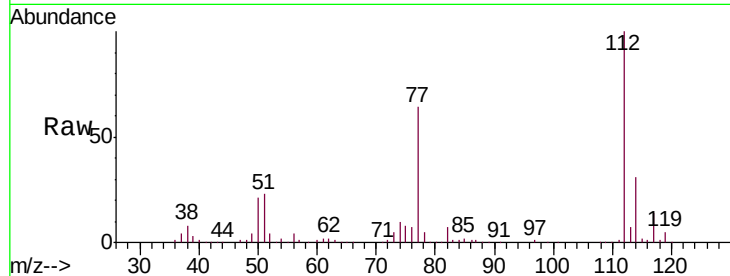
VX0410WBSD01

Tgt Ion:112 Resp: 109019

Ion Ratio Lower Upper

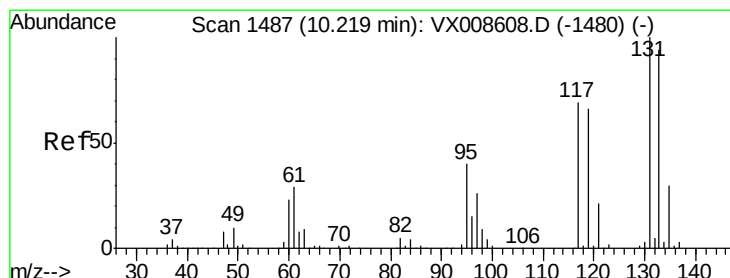
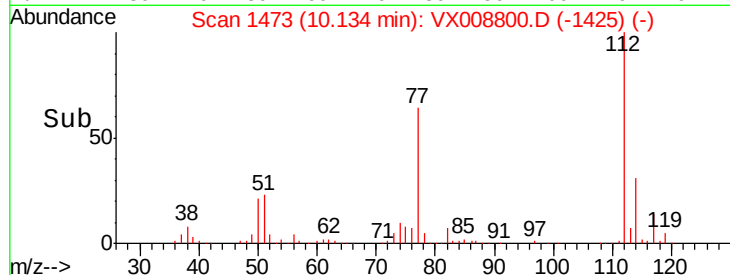
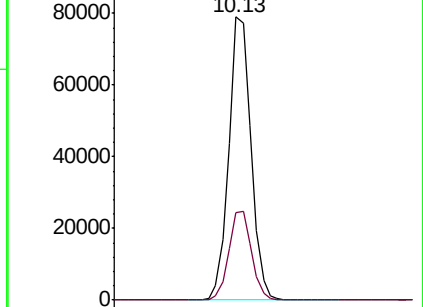
112 100

114 30.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.522 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

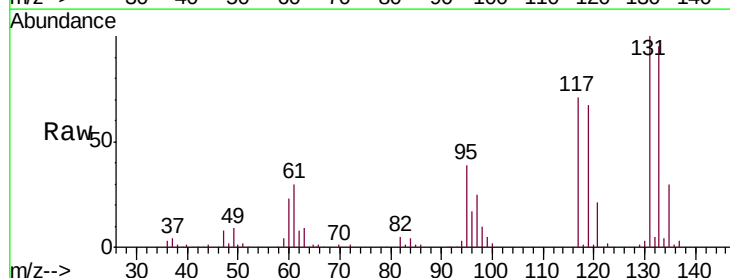
Tgt Ion:131 Resp: 37550

Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.2

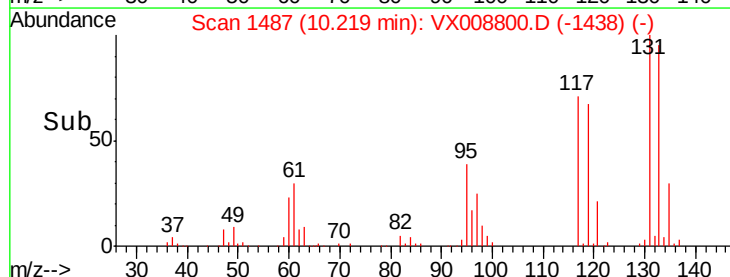
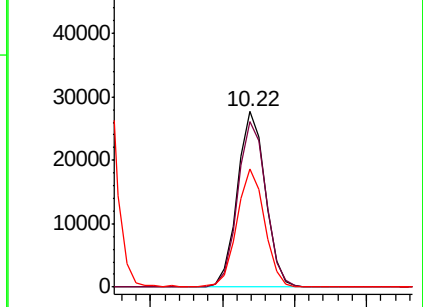
119 66.8 33.7 101.0

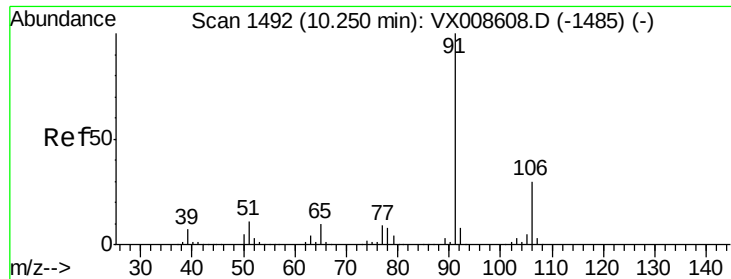


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.368 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

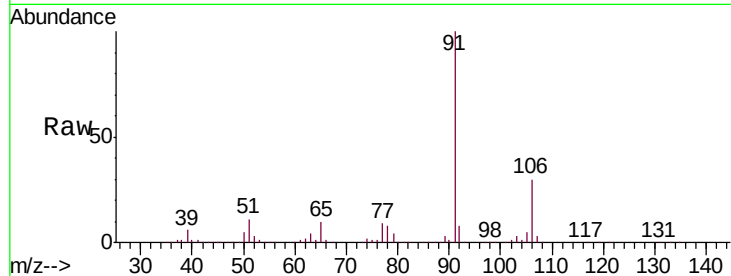
VX0410WBSD01

Tgt Ion: 91 Resp: 197731

Ion Ratio Lower Upper

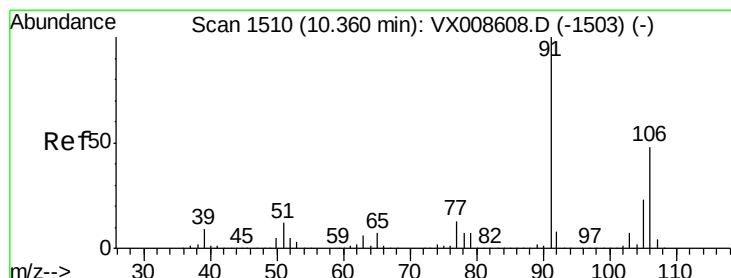
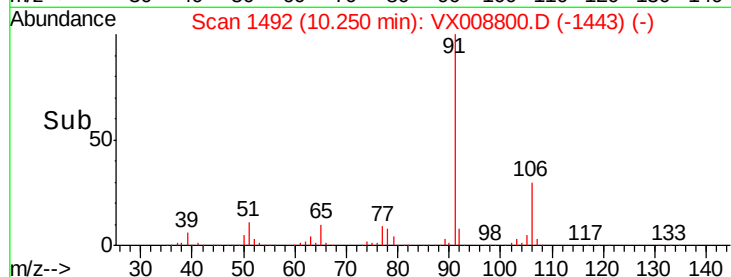
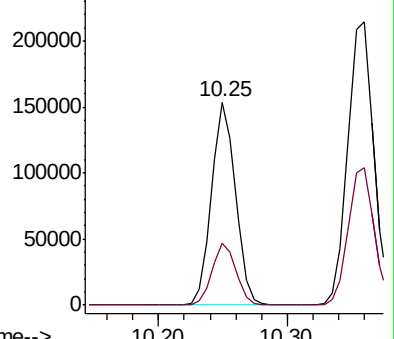
91 100

106 30.2 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 33.167 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008800.D

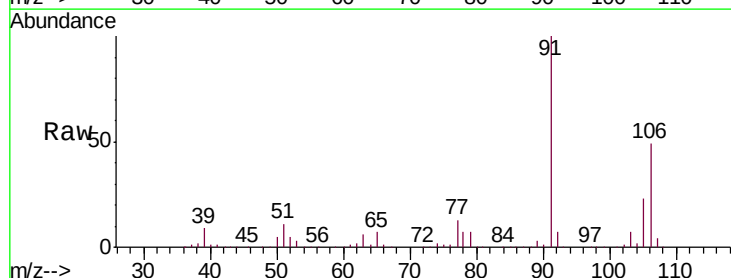
Acq: 10 Apr 2019 13:13

Tgt Ion: 106 Resp: 144058

Ion Ratio Lower Upper

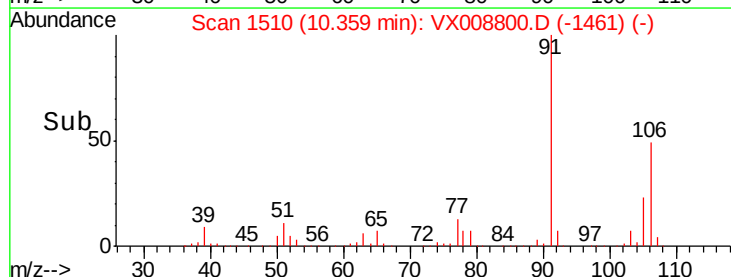
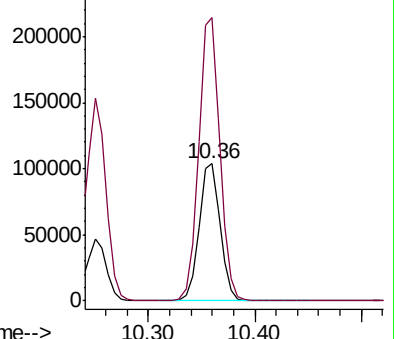
106 100

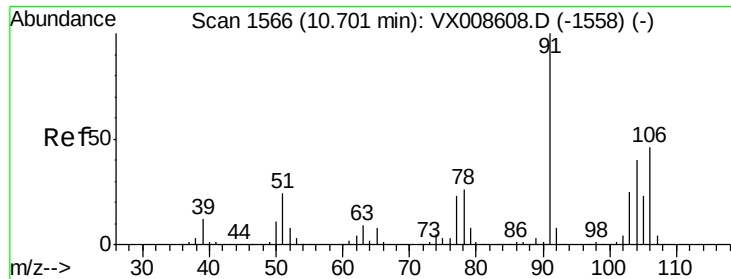
91 206.6 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

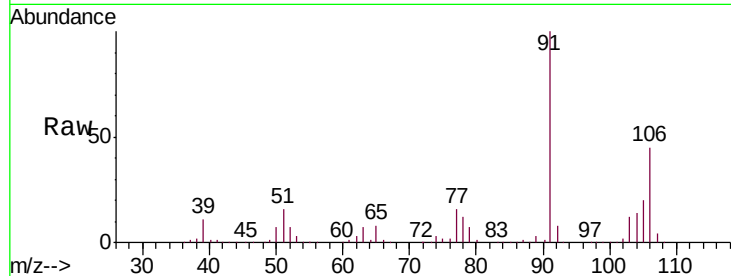




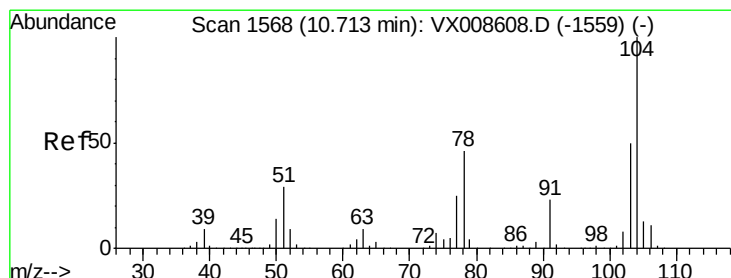
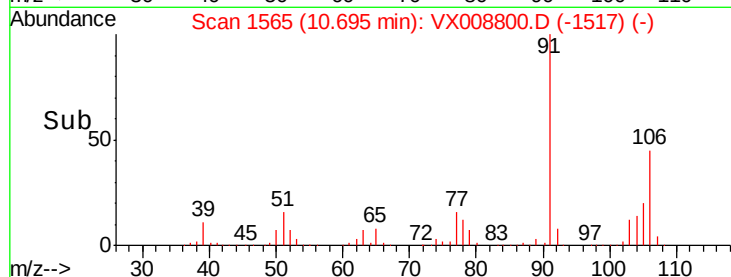
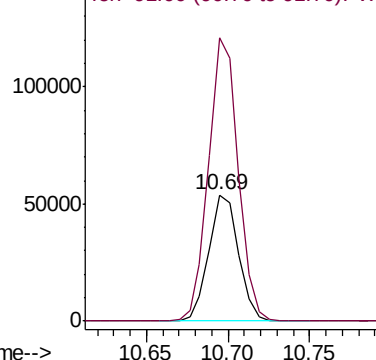
#69
o-Xylene
Concen: 16.399 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion:106 Resp: 69026
Ion Ratio Lower Upper
106 100
91 222.5 111.5 334.4

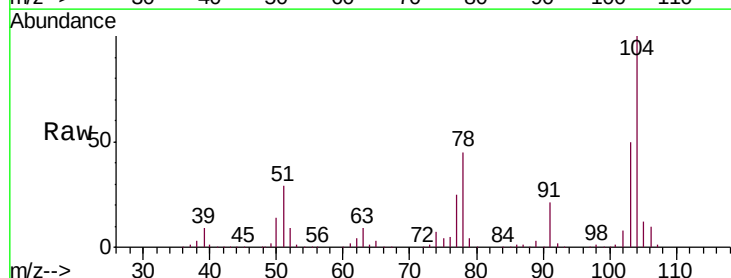


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

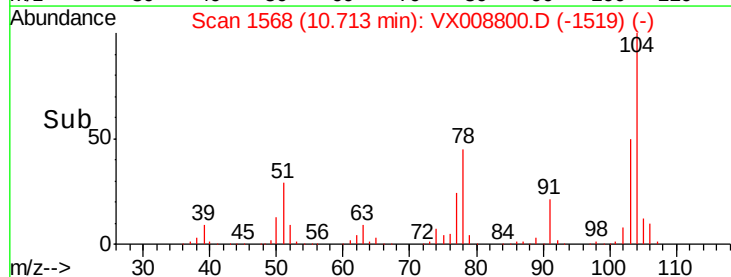
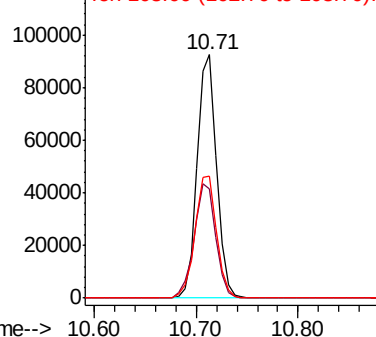


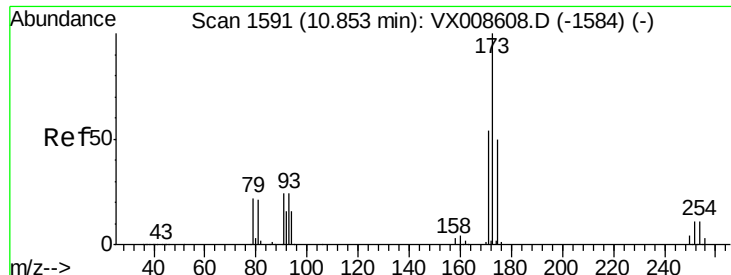
#70
Styrene
Concen: 16.789 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:104 Resp: 121816
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.8 44.4 66.6



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





#71

Bromoform

Concen: 16.794 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

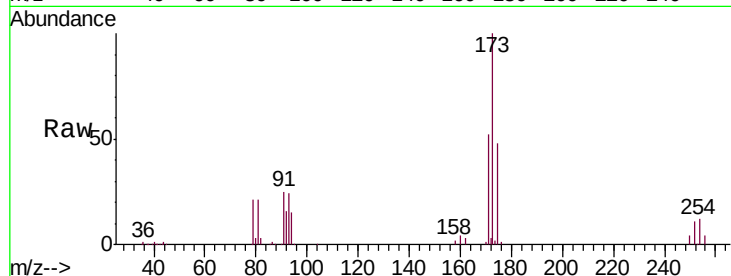
Tgt Ion:173 Resp: 29151

Ion Ratio Lower Upper

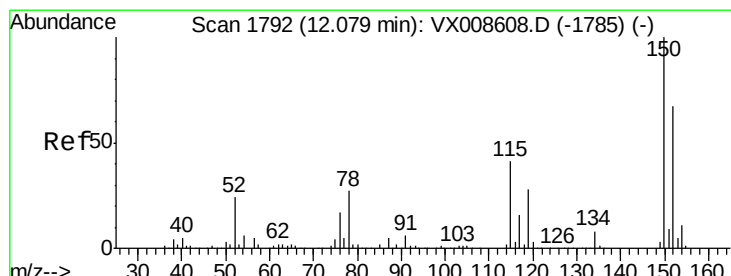
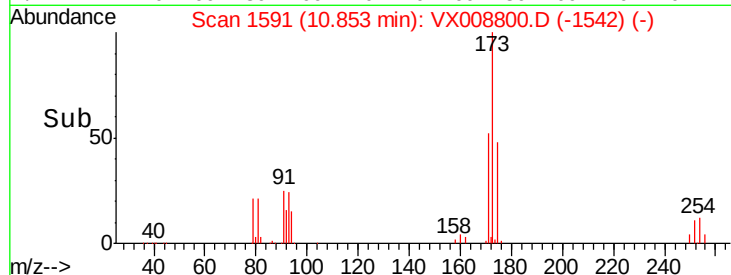
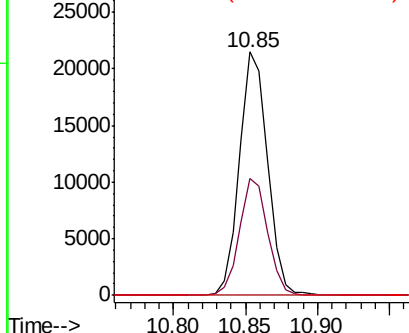
173 100

175 47.8 24.9 74.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

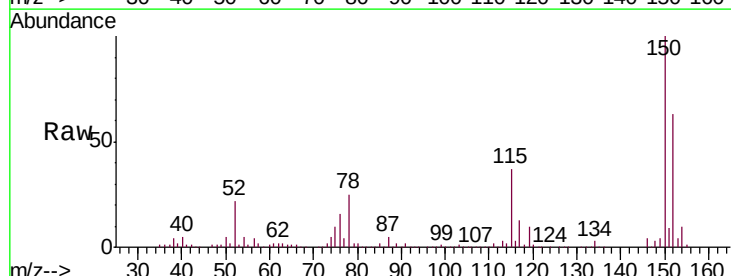
Tgt Ion:152 Resp: 134937

Ion Ratio Lower Upper

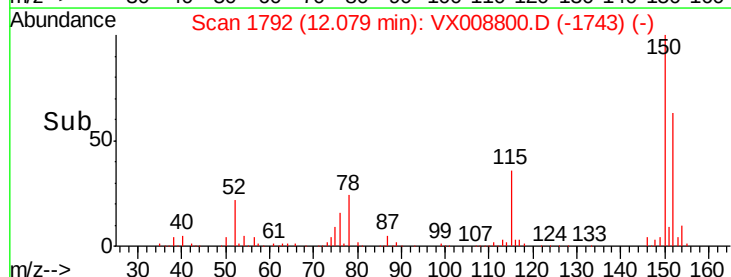
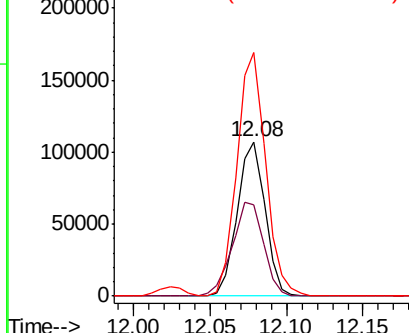
152 100

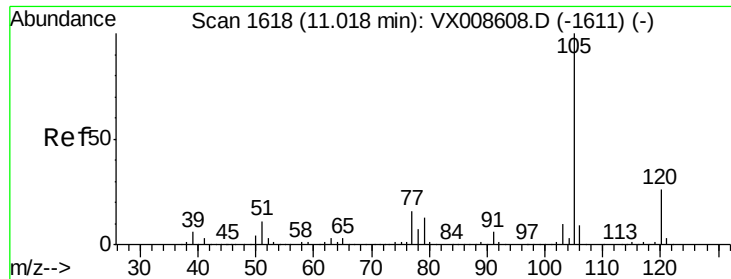
115 68.2 43.5 130.5

150 163.1 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

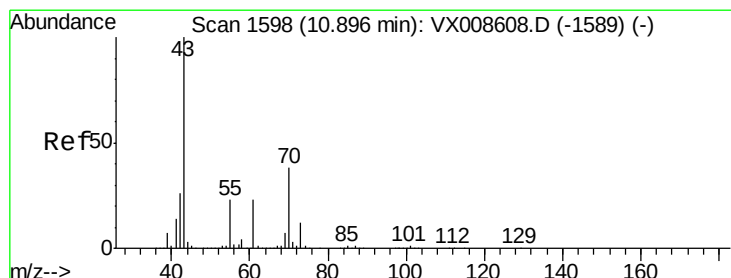
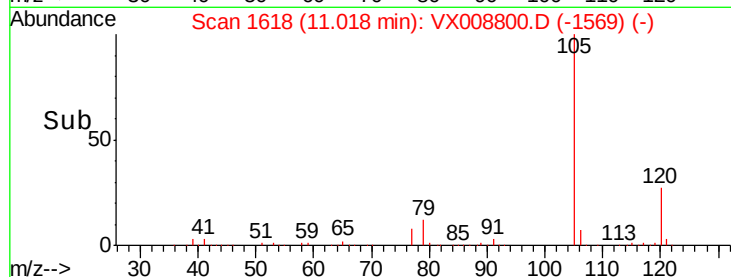
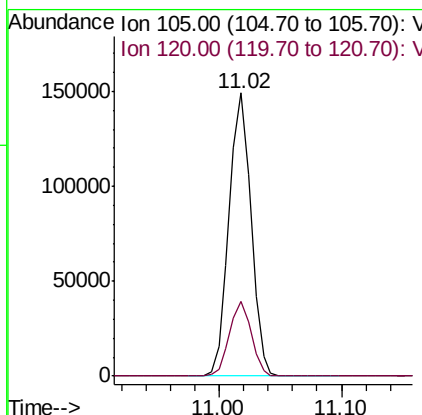
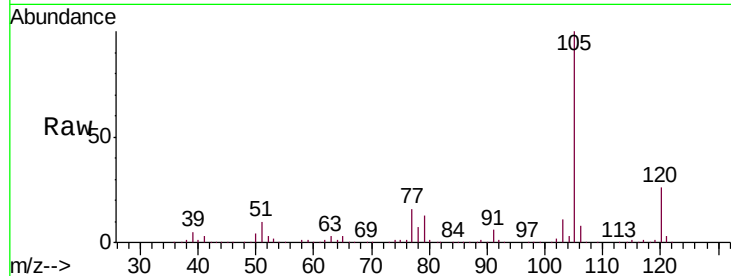




#73
Isopropylbenzene
Concen: 16.605 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

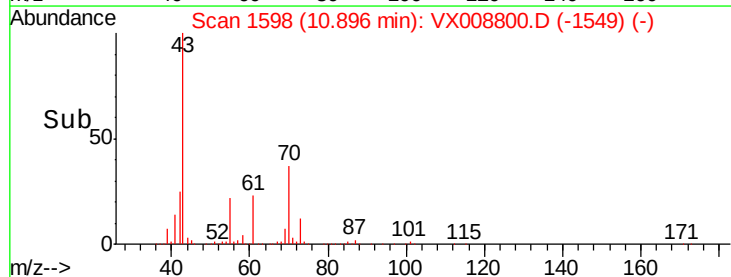
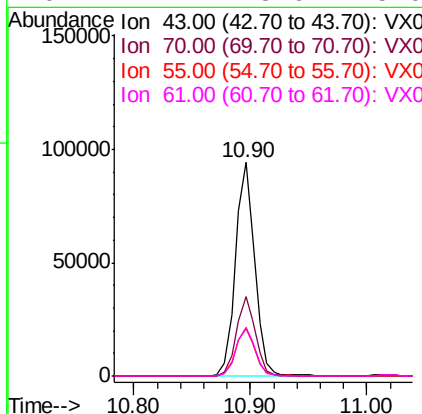
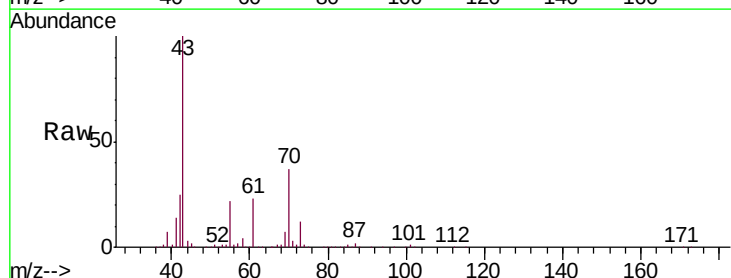
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

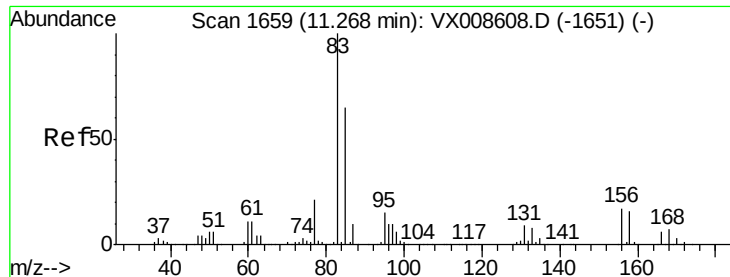
Tgt Ion: 105 Resp: 185693
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 16.505 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 43 Resp: 108590
Ion Ratio Lower Upper
43 100
70 37.0 30.2 45.4
55 22.9 18.2 27.4
61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.533 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

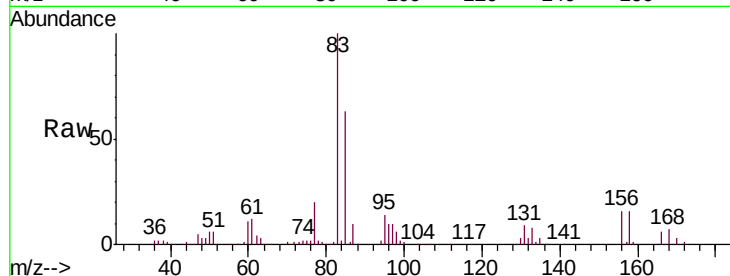
Tgt Ion: 83 Resp: 70312

Ion Ratio Lower Upper

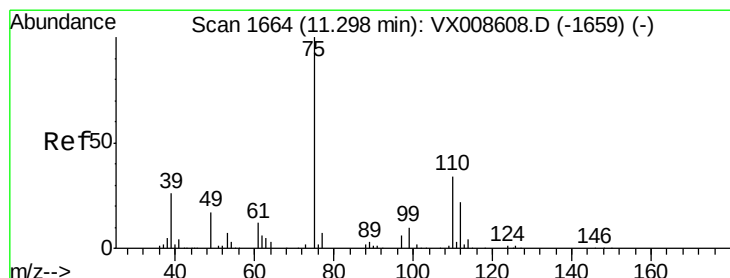
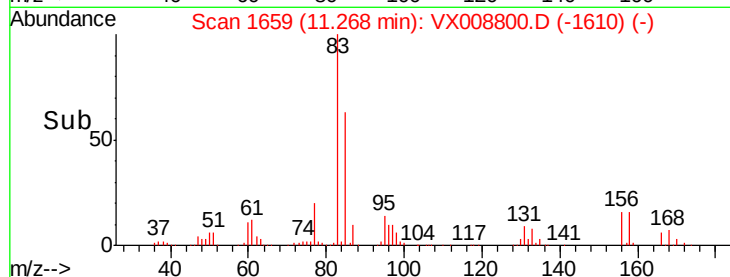
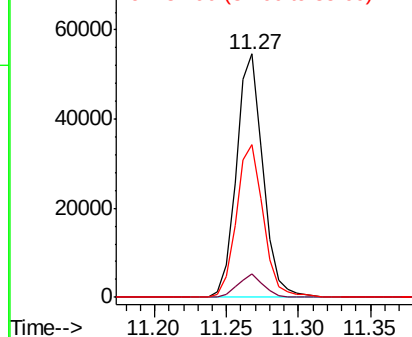
83 100

131 9.1 4.5 13.7

85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.816 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008800.D

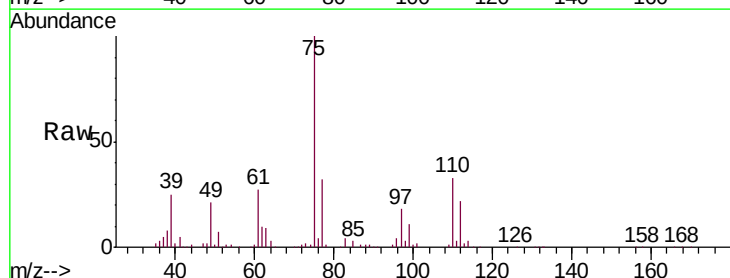
Acq: 10 Apr 2019 13:13

Tgt Ion: 75 Resp: 80867

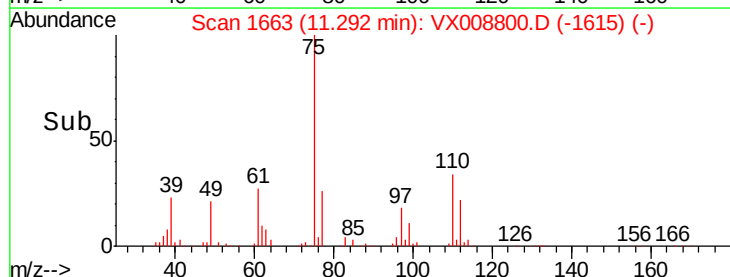
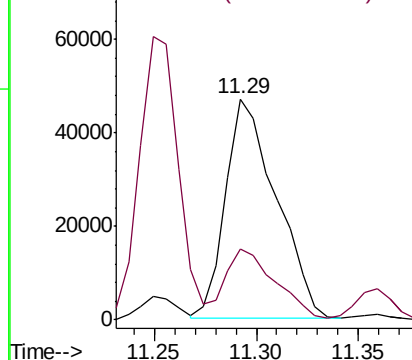
Ion Ratio Lower Upper

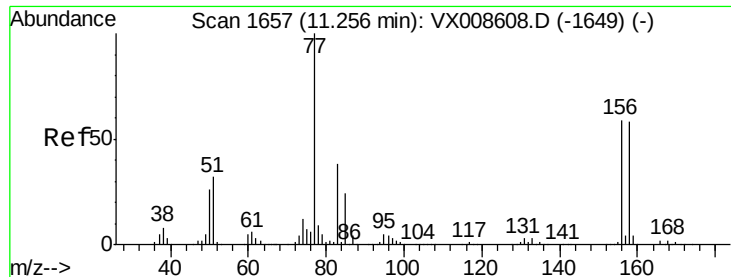
75 100

77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.685 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

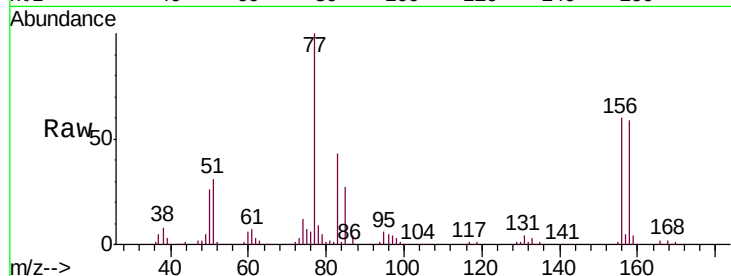
Tgt Ion:156 Resp: 44854

Ion Ratio Lower Upper

156 100

77 178.5 89.8 269.6

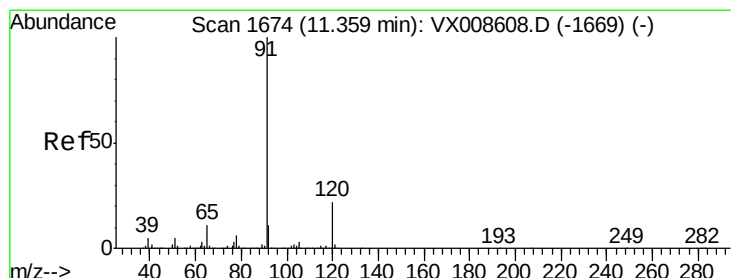
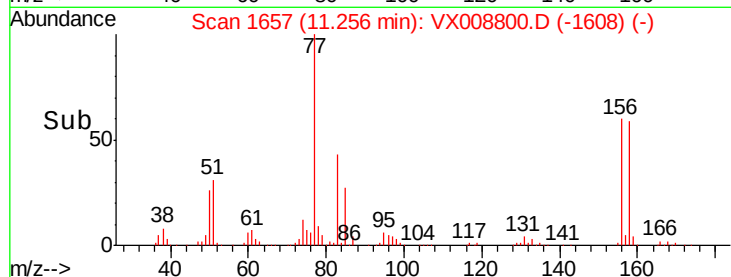
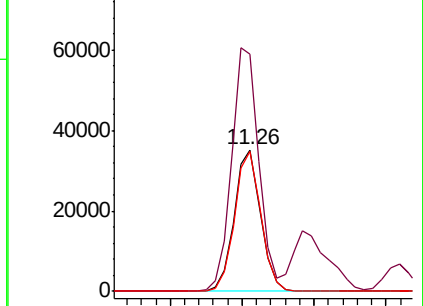
158 99.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.389 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008800.D

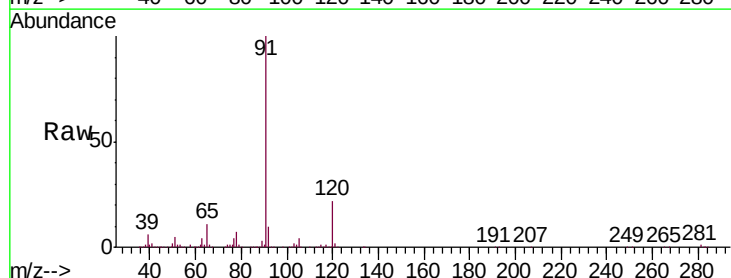
Acq: 10 Apr 2019 13:13

Tgt Ion: 91 Resp: 213393

Ion Ratio Lower Upper

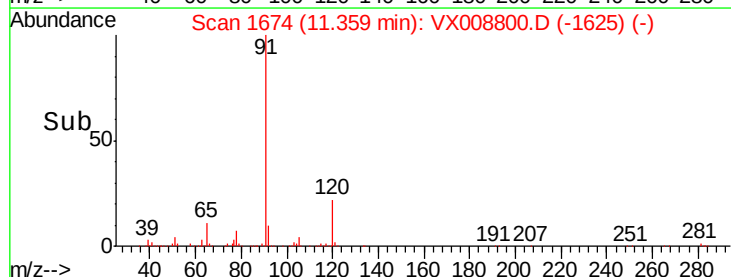
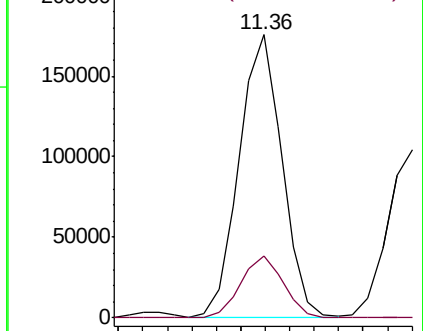
91 100

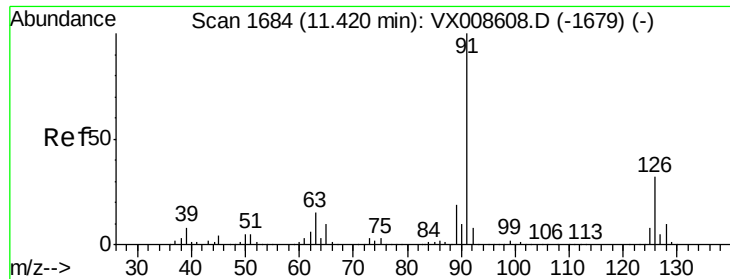
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.496 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

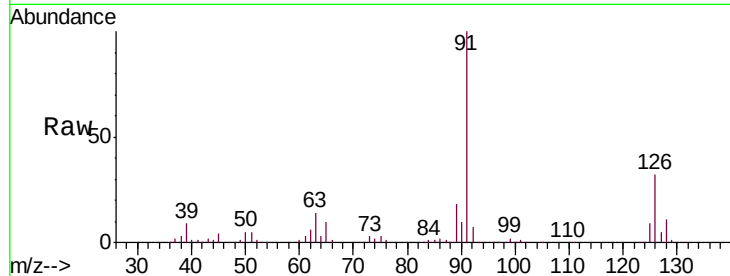
VX0410WBSD01

Tgt Ion: 91 Resp: 129979

Ion Ratio Lower Upper

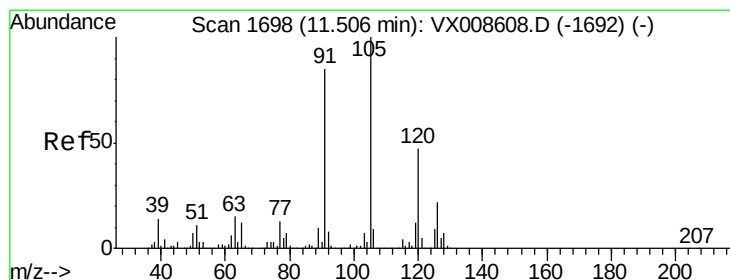
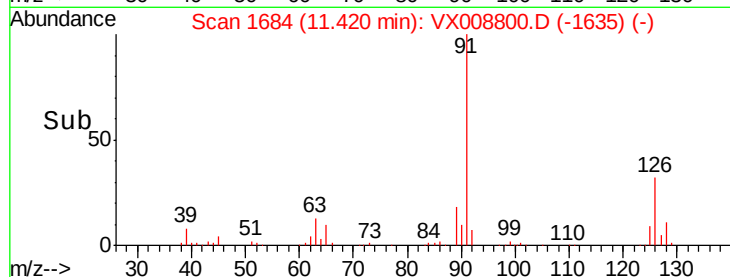
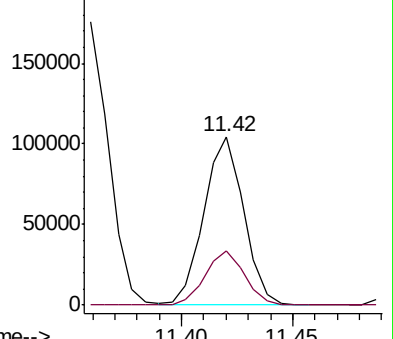
91 100

126 31.9 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 16.610 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008800.D

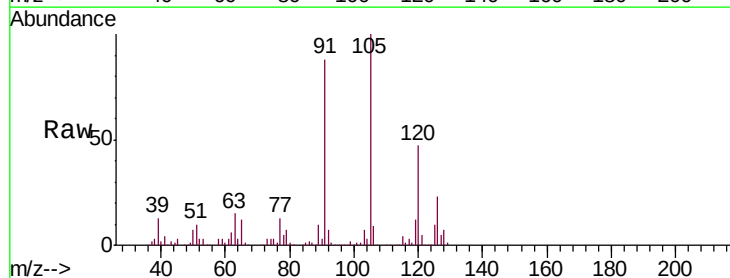
Acq: 10 Apr 2019 13:13

Tgt Ion: 105 Resp: 155915

Ion Ratio Lower Upper

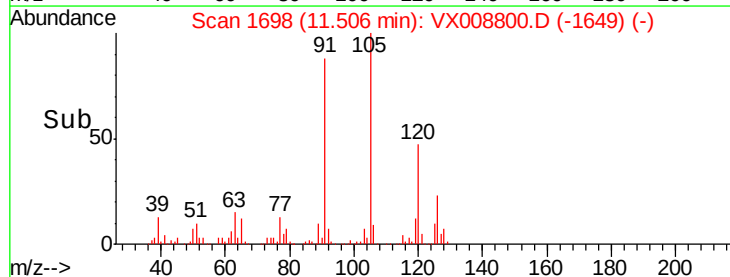
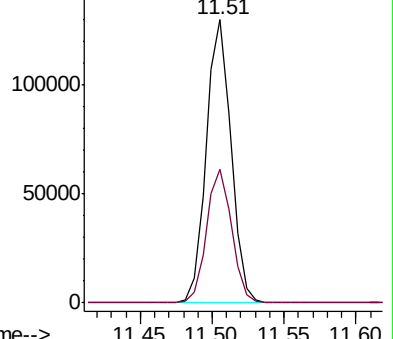
105 100

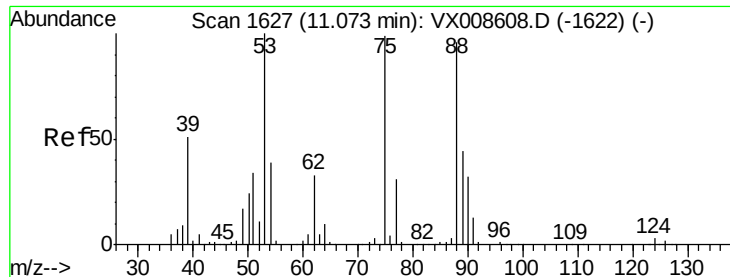
120 47.8 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.543 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

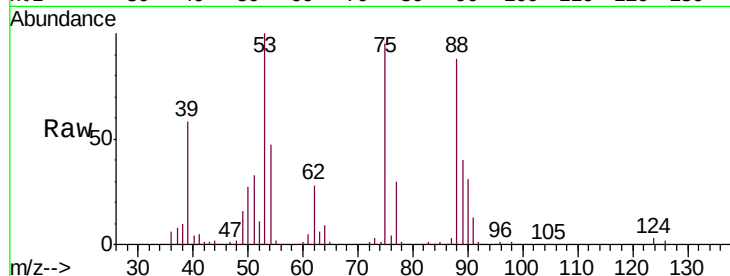
Tgt Ion: 75 Resp: 22246

Ion Ratio Lower Upper

75 100

53 111.4 81.3 121.9

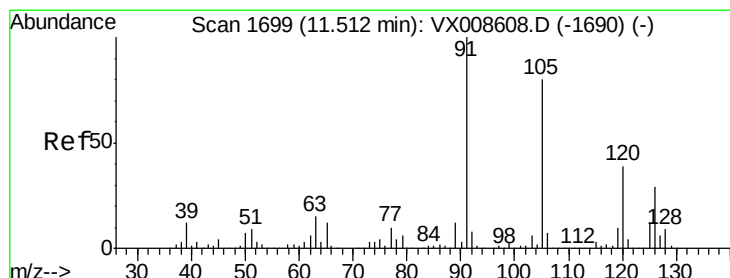
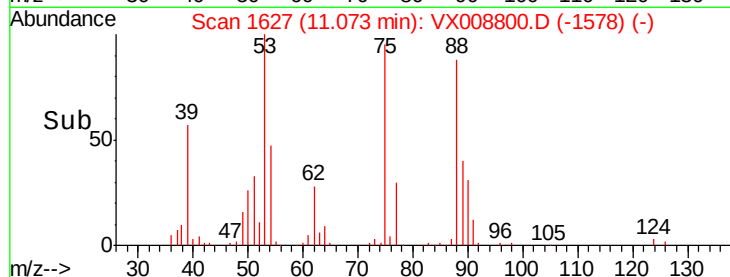
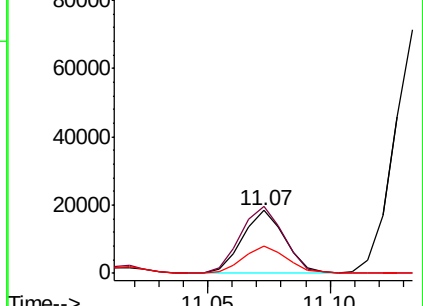
89 45.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 16.154 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008800.D

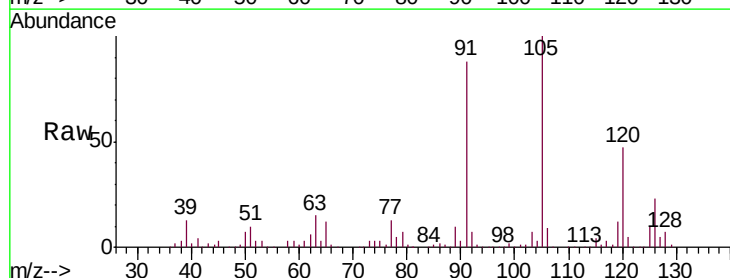
Acq: 10 Apr 2019 13:13

Tgt Ion: 91 Resp: 147341

Ion Ratio Lower Upper

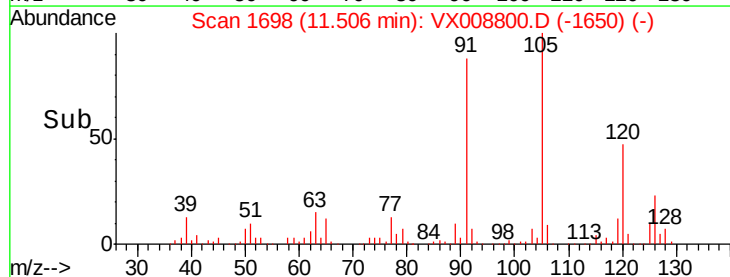
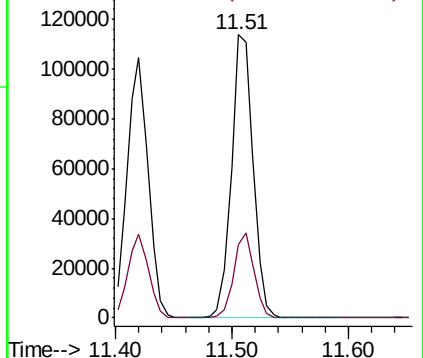
91 100

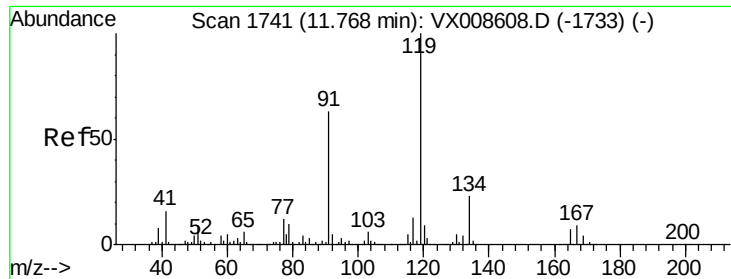
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

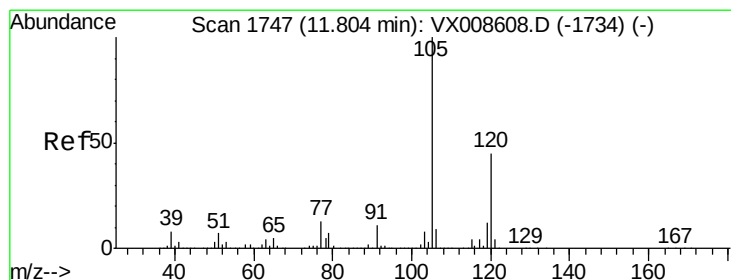
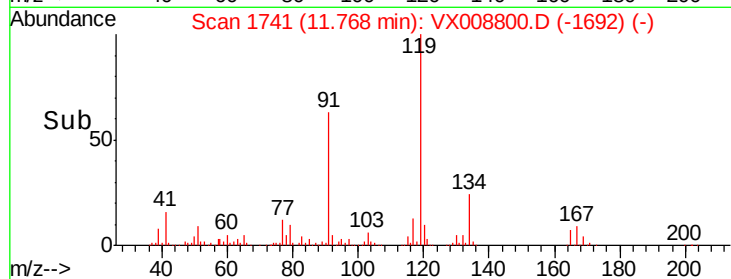
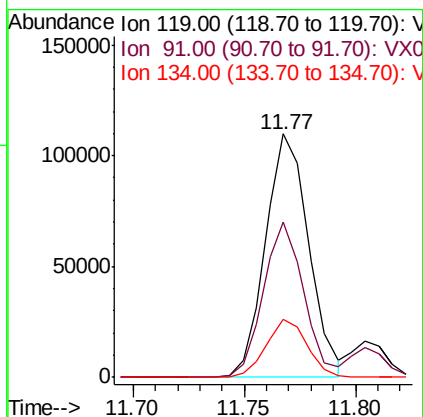
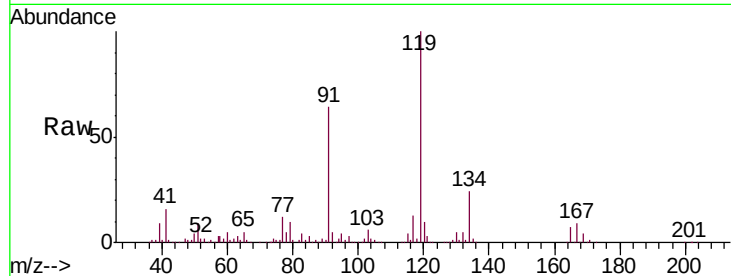




#83
 tert-Butylbenzene
 Concen: 16.381 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

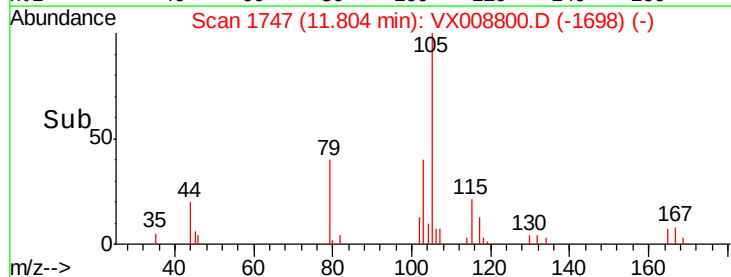
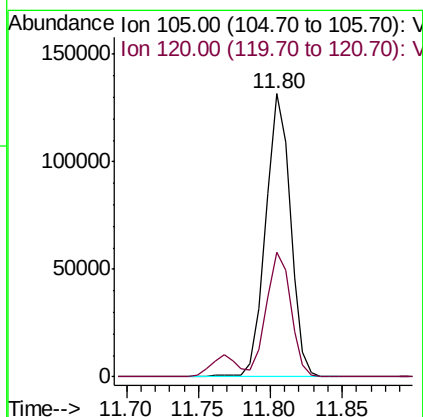
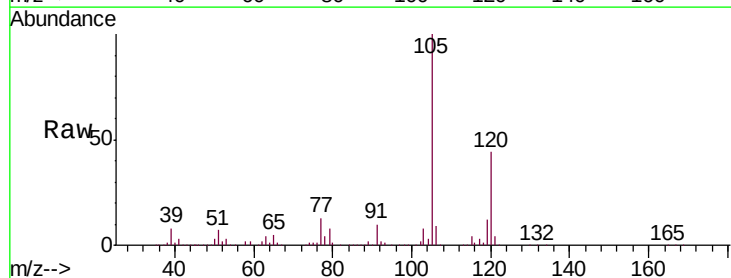
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

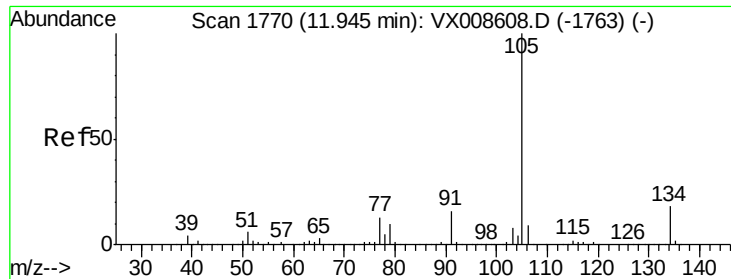
Tgt Ion:119 Resp: 147939
 Ion Ratio Lower Upper
 119 100
 91 59.7 30.0 90.1
 134 22.5 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 16.450 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion:105 Resp: 156353
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 16.292 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

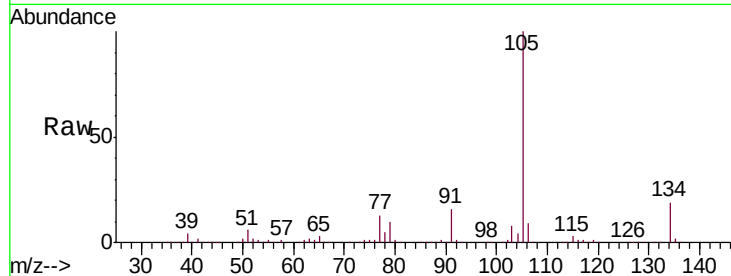
VX0410WBSD01

Tgt Ion:105 Resp: 174761

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

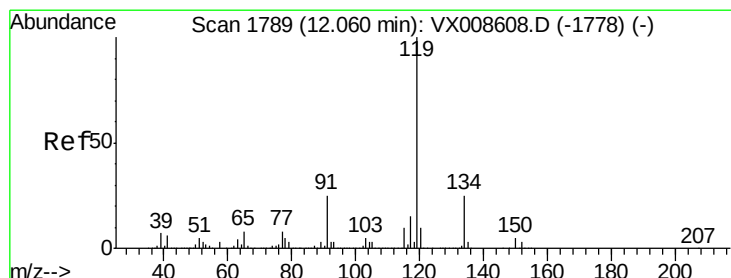
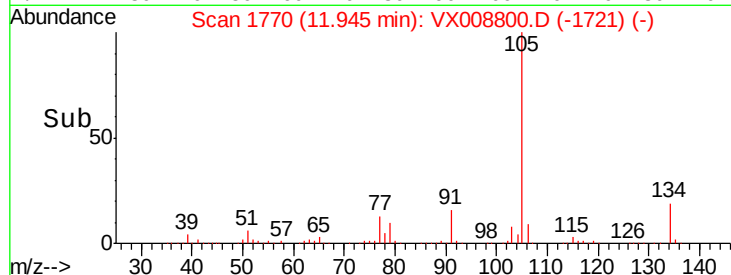
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 16.636 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008800.D

Acq: 10 Apr 2019 13:13

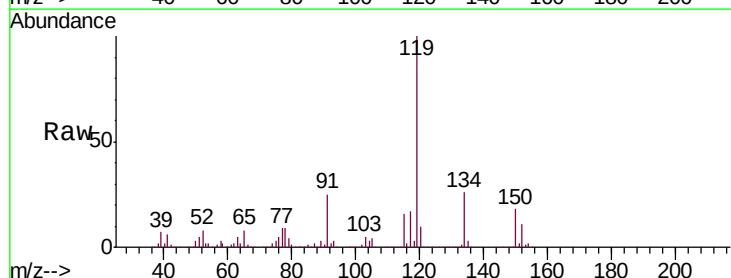
Tgt Ion:119 Resp: 160167

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 24.8 12.2 36.6



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

12.06

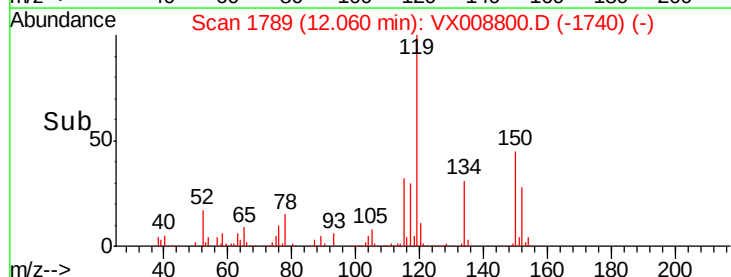
150000

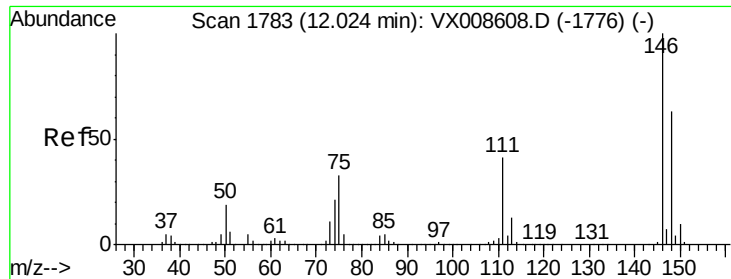
100000

50000

0

Time-->

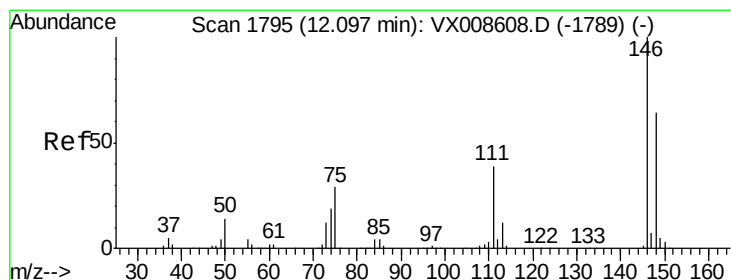
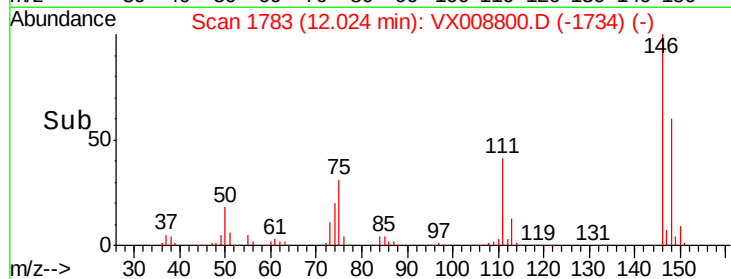
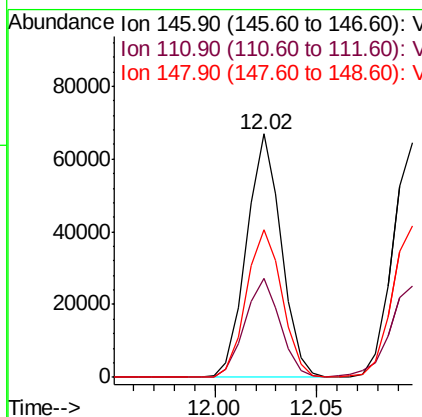
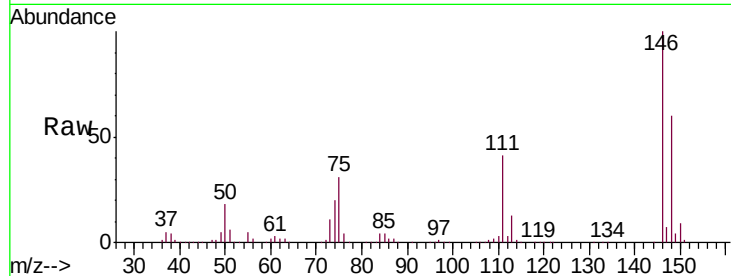




#87
 1,3-Dichlorobenzene
 Concen: 16.491 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

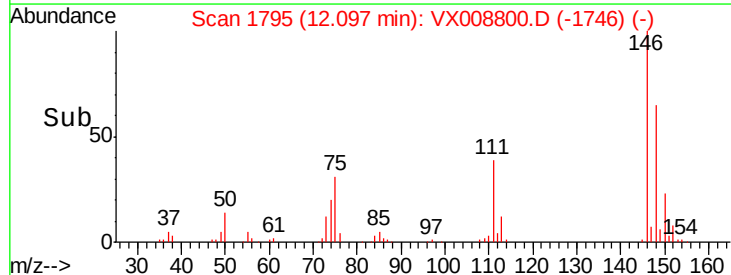
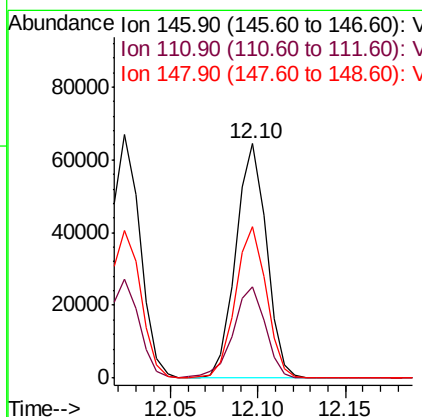
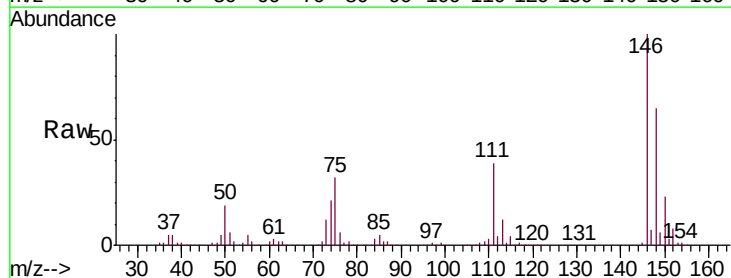
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

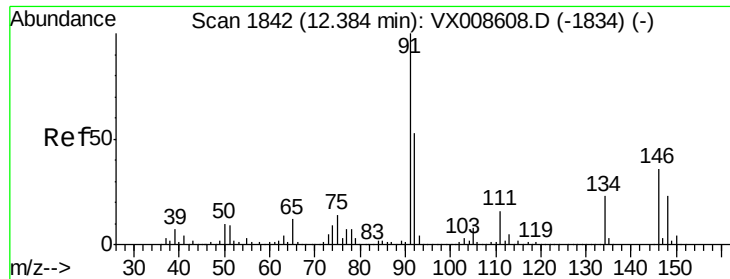
Tgt Ion:146 Resp: 79365
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 62.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 16.185 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion:146 Resp: 78876
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.2 60.6
 148 65.2 32.0 96.0

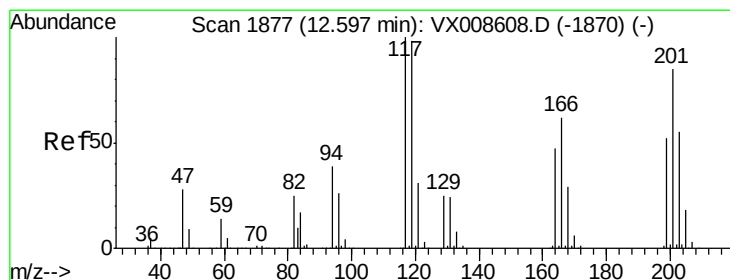
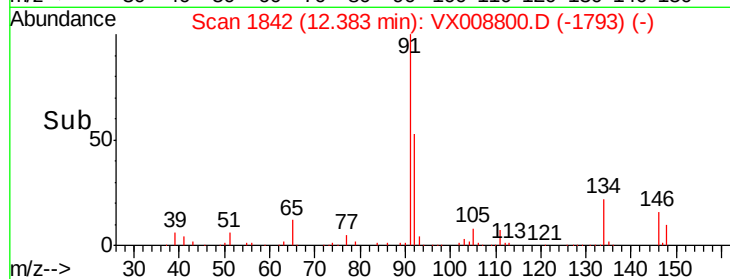
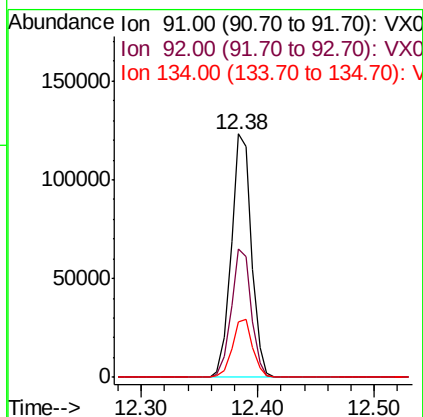
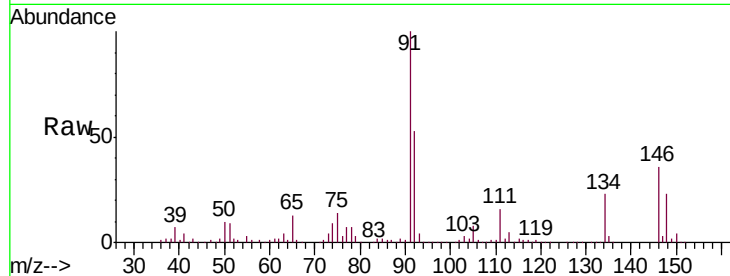




#89
n-Butylbenzene
Concen: 16.448 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

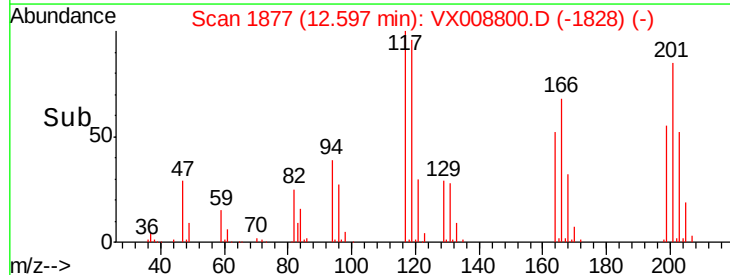
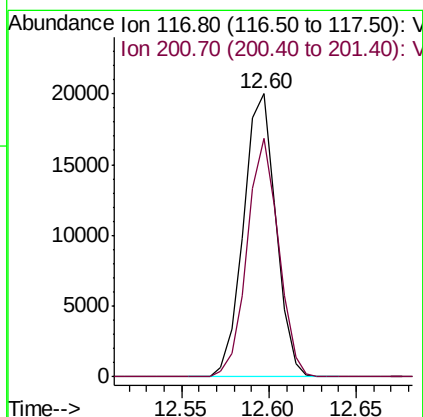
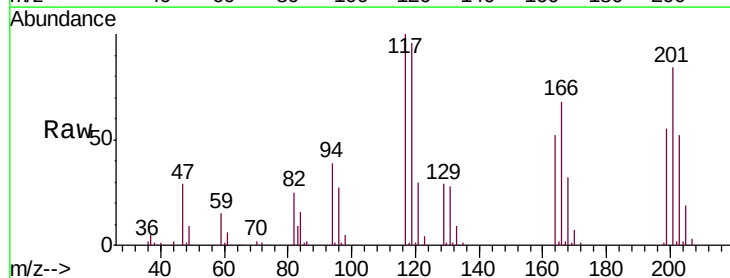
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

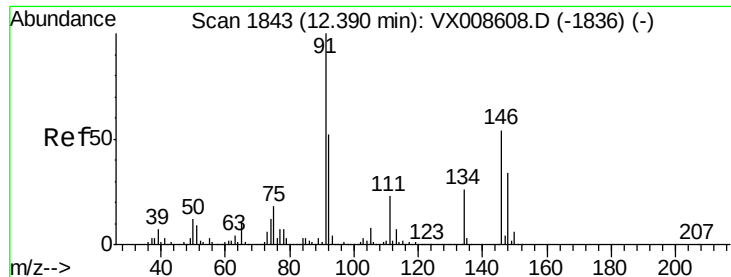
Tgt Ion: 91 Resp: 148510
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.2
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 16.143 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion: 117 Resp: 25779
Ion Ratio Lower Upper
117 100
201 81.7 40.6 122.0

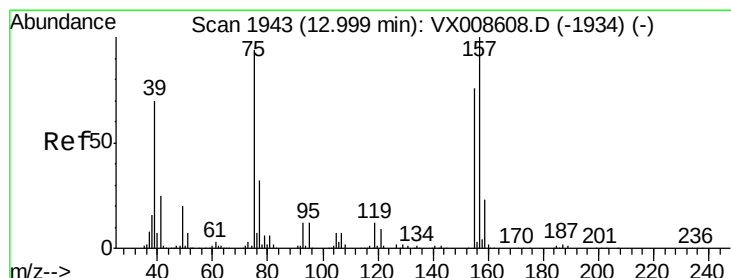
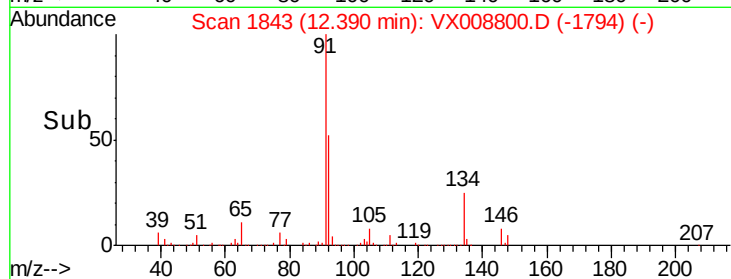
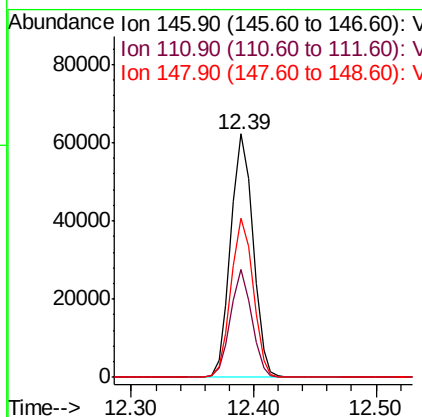
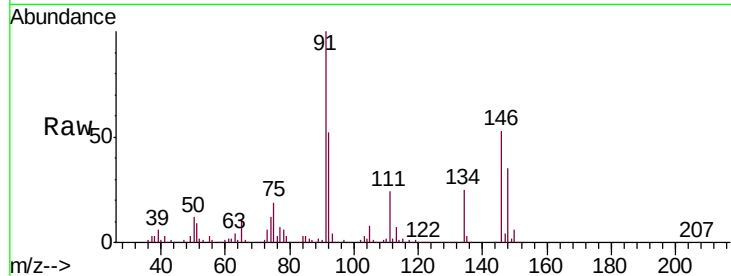




#91
 1,2-Dichlorobenzene
 Concen: 16.413 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

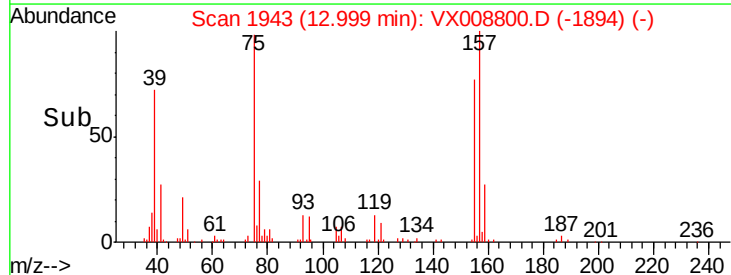
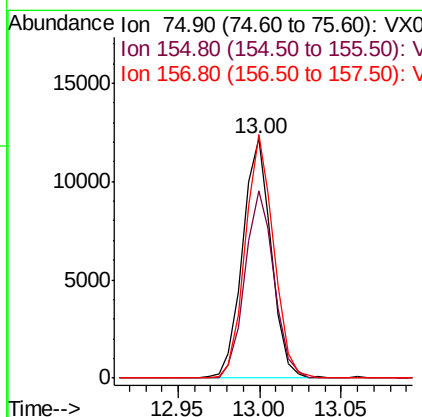
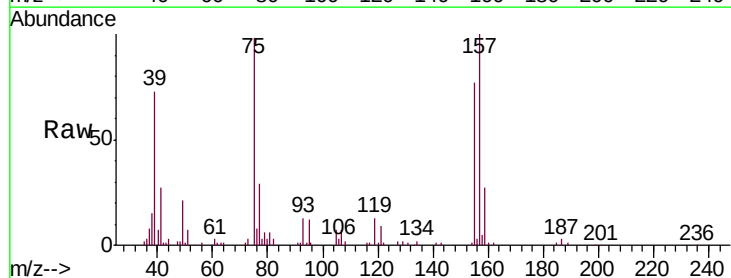
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

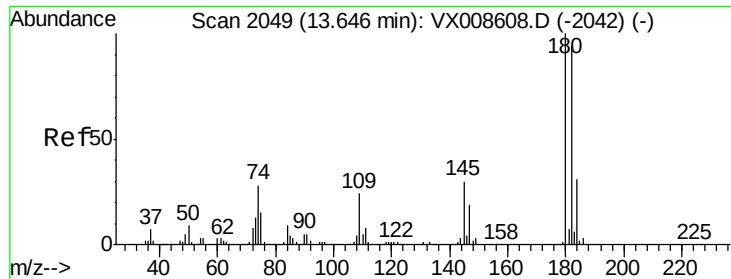
Tgt Ion:146 Resp: 78430
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.9
 148 64.8 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.881 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion: 75 Resp: 14858
 Ion Ratio Lower Upper
 75 100
 155 79.4 39.9 119.6
 157 100.9 51.5 154.7

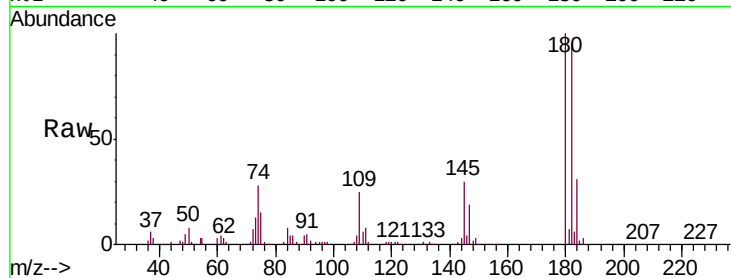




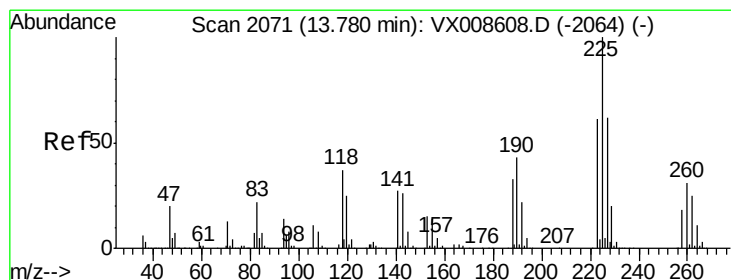
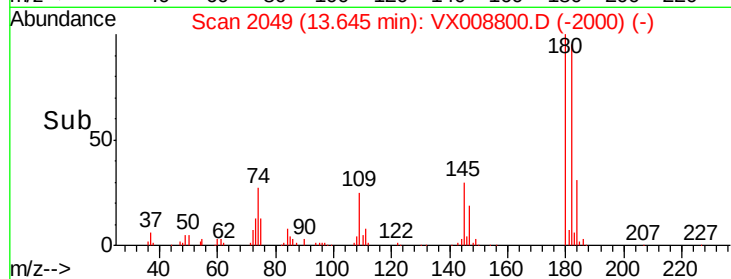
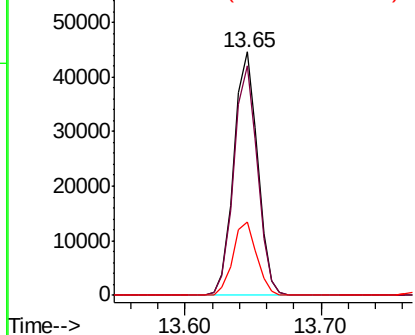
#93
 1,2,4-Trichlorobenzene
 Concen: 16.366 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tgt Ion:180 Resp: 54374
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.2 141.6
 145 30.0 15.3 45.9

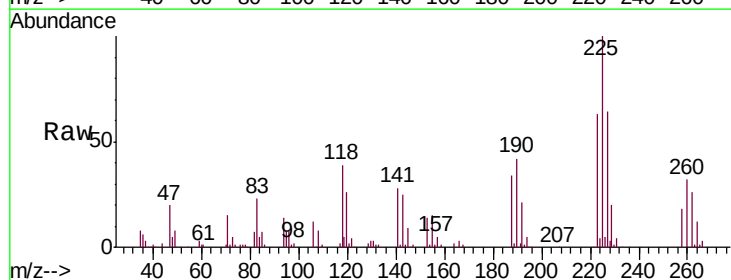


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

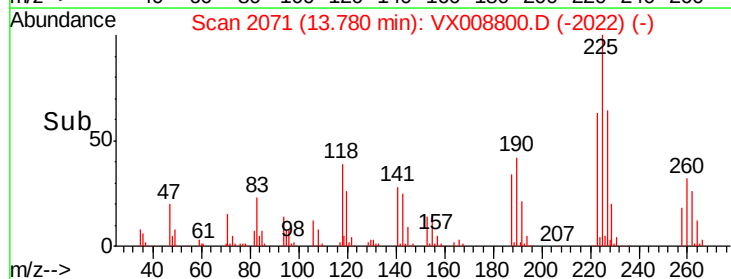
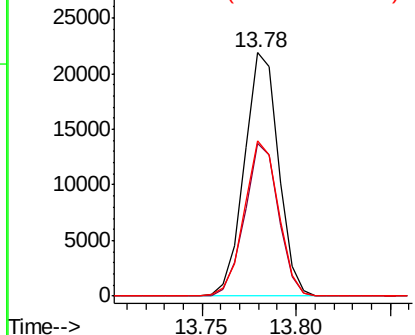


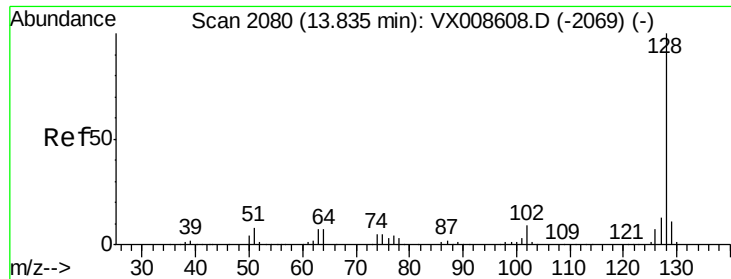
#94
 Hexachlorobutadiene
 Concen: 17.279 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008800.D
 Acq: 10 Apr 2019 13:13

Tgt Ion:225 Resp: 27532
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.2 93.6
 227 63.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

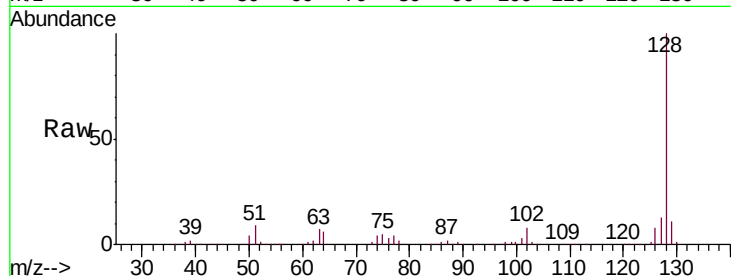




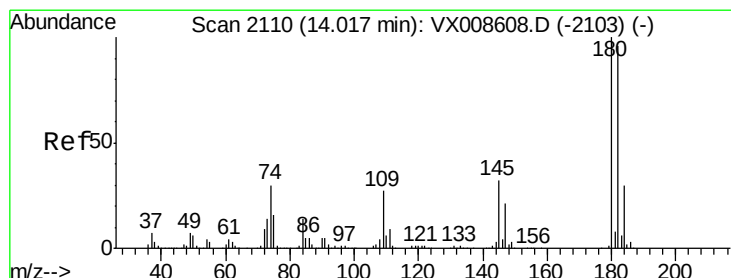
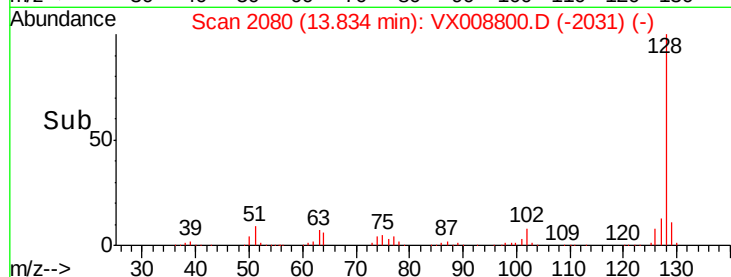
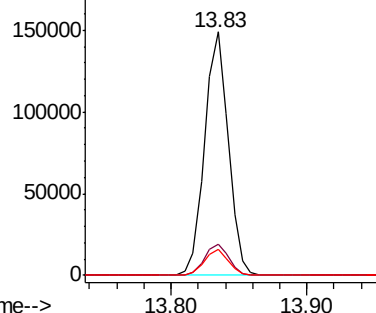
#95
Naphthalene
Concen: 16.202 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion:128 Resp: 179910
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

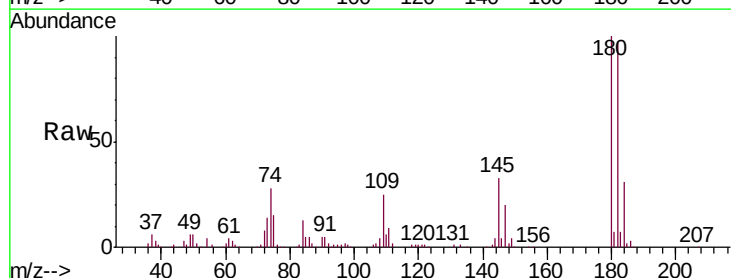


Abundance Ion 128.00 (127.70 to 128.70): V
200000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 16.073 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008800.D
Acq: 10 Apr 2019 13:13

Tgt Ion:180 Resp: 53353
Ion Ratio Lower Upper
180 100
182 96.6 48.1 144.3
145 32.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
60000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

