

Data File : VX008812.D
Acq On : 10 Apr 2019 17:52
Operator : JC/SP
Sample : VX0410WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Quant Time: Apr 11 05:46:26 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	172866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113072	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121669	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.50	113	89226	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	358197	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	125986	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	30269	15.212	ug/l	98
3) Chloromethane	1.32	50	43685	16.792	ug/l	98
4) Vinyl Chloride	1.40	62	42154	15.671	ug/l	99
5) Bromomethane	1.64	94	22375	18.134	ug/l	100
6) Chloroethane	1.72	64	26617	16.064	ug/l	100
7) Trichlorofluoromethane	1.93	101	49644	16.696	ug/l	99
8) Diethyl Ether	2.19	74	23742	16.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32518	16.986	ug/l	99
10) Methyl Iodide	2.51	142	27084	18.293	ug/l	98
11) Tert butyl alcohol	3.04	59	51291	86.893	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33466	16.746	ug/l	98
13) Acrolein	2.29	56	34745	118.708	ug/l	99
14) Allyl chloride	2.73	41	78345	17.125	ug/l	99
15) Acrylonitrile	3.14	53	137426	87.882	ug/l	100
16) Acetone	2.44	43	119820	82.508	ug/l	99
17) Carbon Disulfide	2.57	76	92750	15.562	ug/l	99
18) Methyl Acetate	2.77	43	63296	17.971	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128691	18.031	ug/l	99
20) Methylene Chloride	2.85	84	41785	17.189	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35621	16.478	ug/l	96
22) Diisopropyl ether	3.85	45	160286	18.177	ug/l	91
23) Vinyl Acetate	3.81	43	692109	90.224	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77211	17.685	ug/l	98
25) 2-Butanone	4.67	43	203123	88.496	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49772	16.186	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43553	17.524	ug/l	99
28) Bromochloromethane	5.01	49	37209	18.496	ug/l	99
29) Tetrahydrofuran	5.13	42	134273	88.139	ug/l	100
30) Chloroform	5.21	83	69996	17.950	ug/l	100
31) Cyclohexane	5.58	56	72080	16.546	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	55333	17.560	ug/l	98
36) 1,1-Dichloropropene	5.80	75	53926	17.208	ug/l	99
37) Ethyl Acetate	4.84	43	76767	18.352	ug/l	99
38) Carbon Tetrachloride	5.79	117	45584	17.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63288	16.348	ug/l	98
40) Benzene	6.14	78	165859	17.765	ug/l	99
41) Methacrylonitrile	5.04	41	43404	18.052	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60058	17.944	ug/l	99
43) Isopropyl Acetate	6.45	43	119263	18.200	ug/l	99
44) Trichloroethene	7.21	130	38381	17.651	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47421	17.796	ug/l	97
46) Dibromomethane	7.66	93	26193	16.948	ug/l	97
47) Bromodichloromethane	7.90	83	52206	17.915	ug/l	100
48) Methyl methacrylate	7.77	41	60019	18.107	ug/l	99
49) 1,4-Dioxane	7.74	88	20885	336.346	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	398052	94.364	ug/l	100
52) Toluene	8.79	92	98468	17.890	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57847	17.721	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	64364	17.256	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40726	18.433	ug/l	97
56) Ethyl methacrylate	9.18	69	73791	18.459	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71808	18.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	205361	100.608	ug/l	100
59) 2-Hexanone	9.49	43	300147	91.559	ug/l	100
60) Dibromochloromethane	9.58	129	37866	18.188	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40122	17.444	ug/l	96
64) Tetrachloroethene	9.34	164	34221	18.286	ug/l	99
65) Chlorobenzene	10.13	112	101122	18.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	35786	18.218	ug/l	99
67) Ethyl Benzene	10.25	91	183866	17.610	ug/l	99
68) m/p-Xylenes	10.36	106	132550	35.309	ug/l	99
69) o-Xylene	10.70	106	65210	17.924	ug/l	98
70) Styrene	10.71	104	112793	17.986	ug/l	99
71) Bromoform	10.85	173	27619	18.410	ug/l #	97
73) Isopropylbenzene	11.02	105	173733	18.540	ug/l	100
74) N-amyl acetate	10.90	43	101526	18.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65923	18.498	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75400	24.274	ug/l	81
77) Bromobenzene	11.26	156	41714	18.517	ug/l	99
78) n-propylbenzene	11.36	91	196598	18.019	ug/l	100
79) 2-Chlorotoluene	11.42	91	119616	18.116	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147200	18.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19992	17.742	ug/l	93
82) 4-Chlorotoluene	11.51	91	134090	17.544	ug/l	98
83) tert-Butylbenzene	11.77	119	138670	18.324	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	146707	18.420	ug/l	100
85) sec-Butylbenzene	11.94	105	165218	18.380	ug/l	99
86) p-Isopropyltoluene	12.06	119	149150	18.487	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71745	17.790	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72104	17.656	ug/l	99
89) n-Butylbenzene	12.38	91	134905	17.830	ug/l	99
90) Hexachloroethane	12.60	117	24252	18.124	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	72199	18.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13825	17.635	ug/l	96

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

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

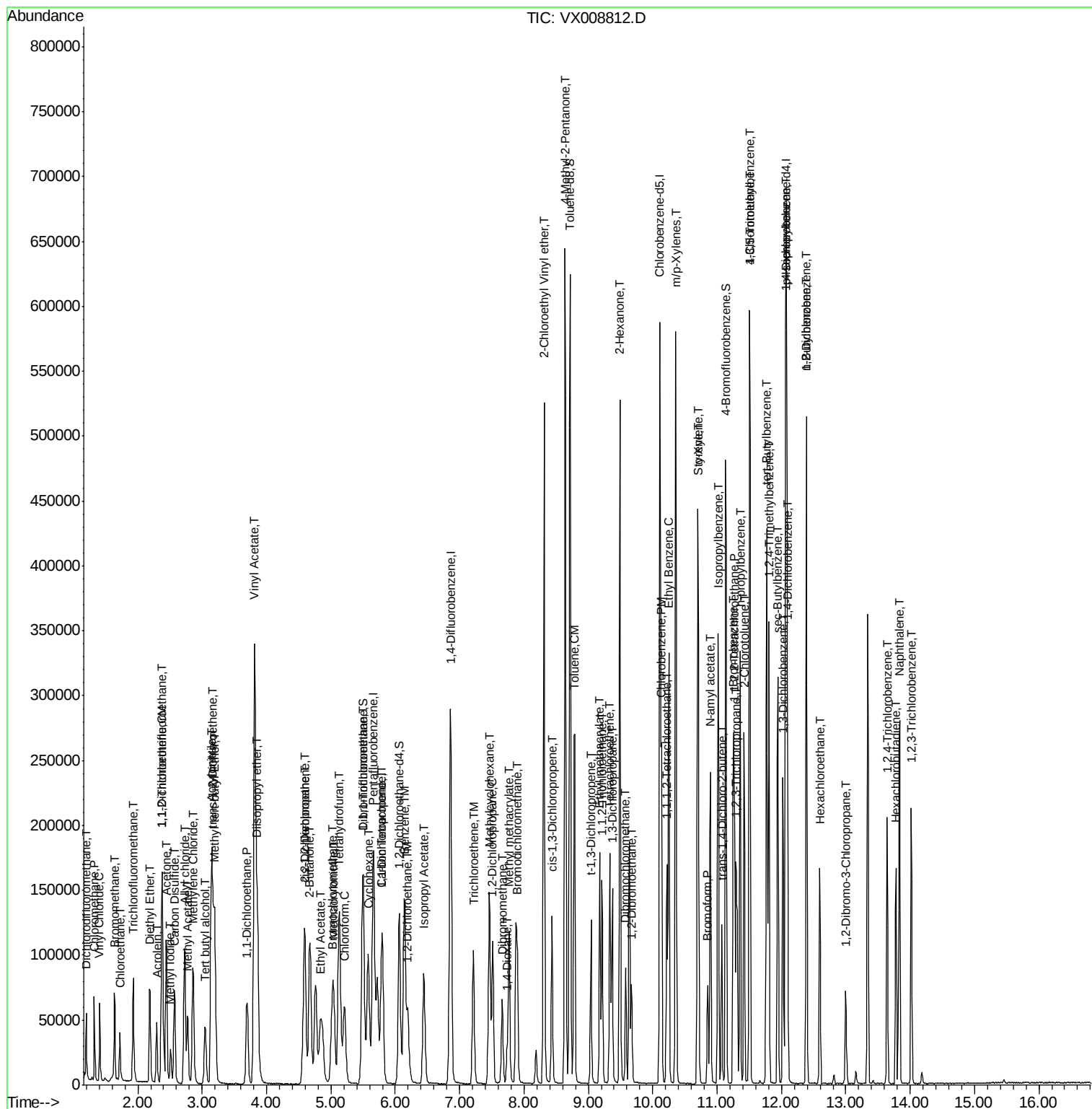
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48445	17.401	ug/l	98
94) Hexachlorobutadiene	13.78	225	24677	18.482	ug/l	98
95) Naphthalene	13.83	128	167319	17.982	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49909	17.942	ug/l	99

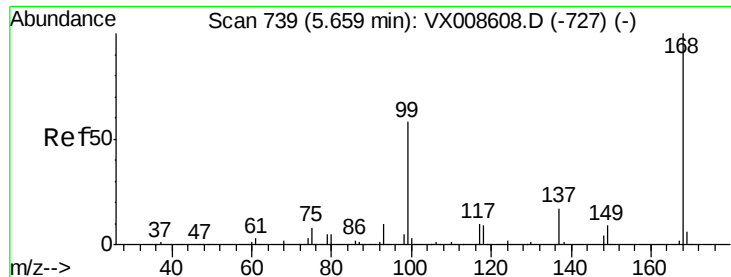
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 05:46:26 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

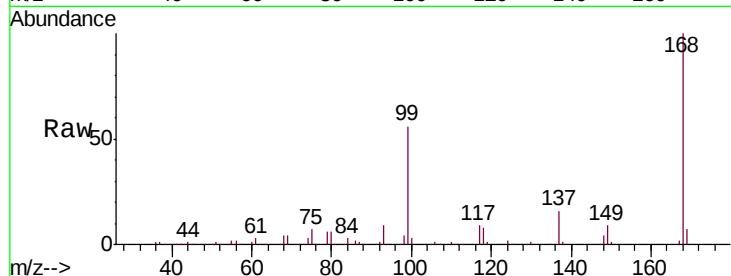
VX0410WBSD01

Tgt Ion:168 Resp: 172866

Ion Ratio Lower Upper

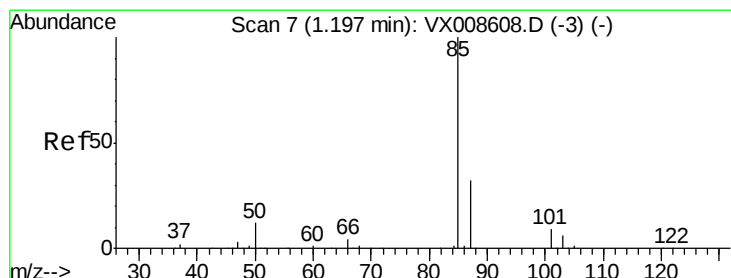
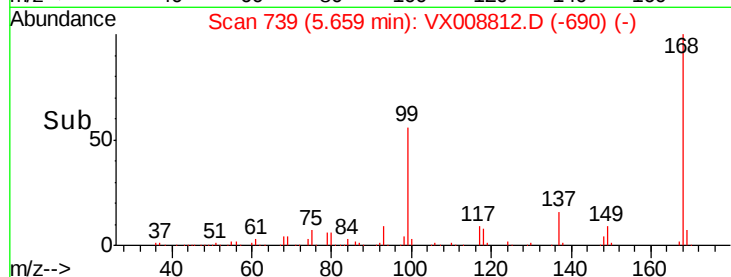
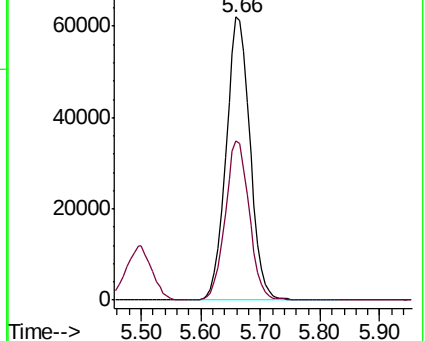
168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.212 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008812.D

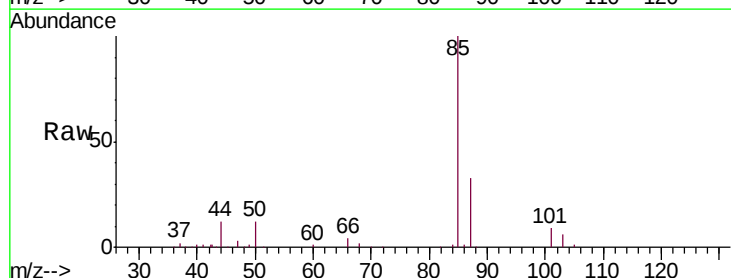
Acq: 10 Apr 2019 17:52

Tgt Ion: 85 Resp: 30269

Ion Ratio Lower Upper

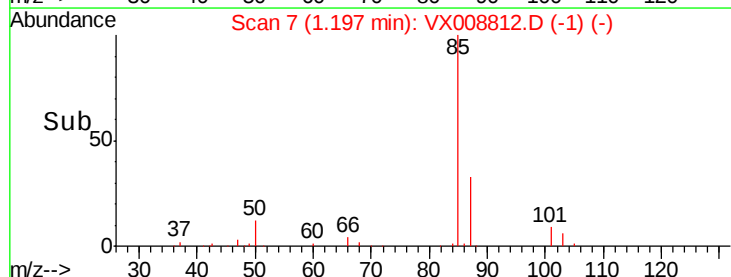
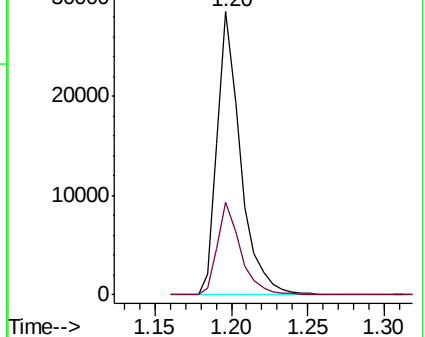
85 100

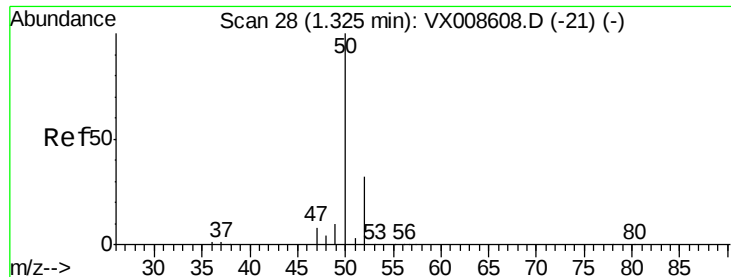
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.792 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

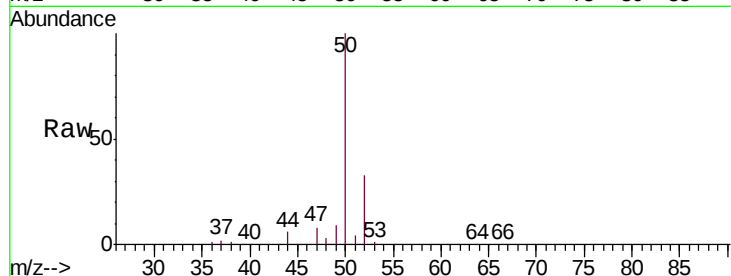
VX0410WBSD01

Tgt Ion: 50 Resp: 43685

Ion Ratio Lower Upper

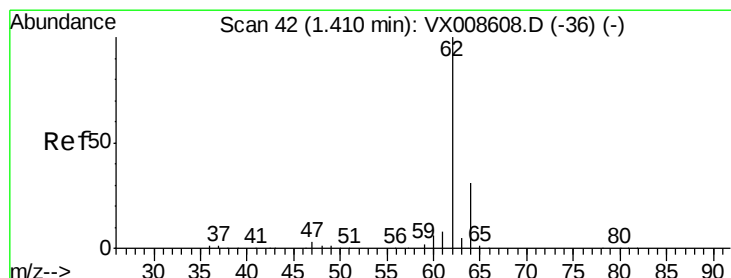
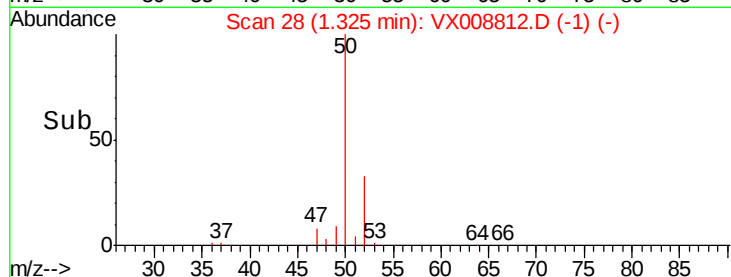
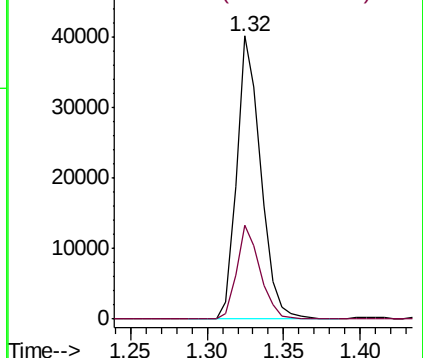
50 100

52 33.1 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: 15.671 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008812.D

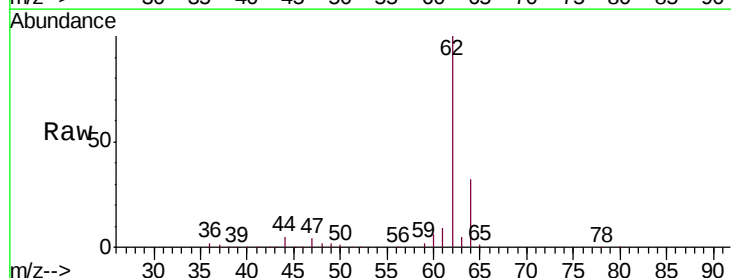
Acq: 10 Apr 2019 17:52

Tgt Ion: 62 Resp: 42154

Ion Ratio Lower Upper

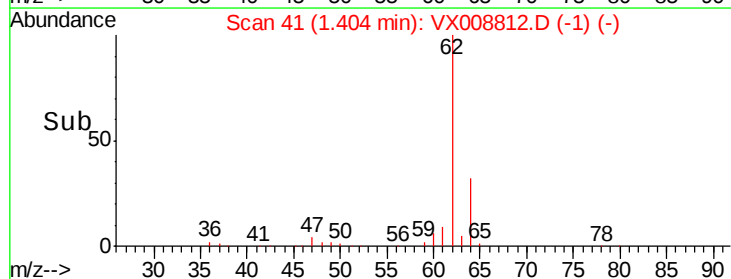
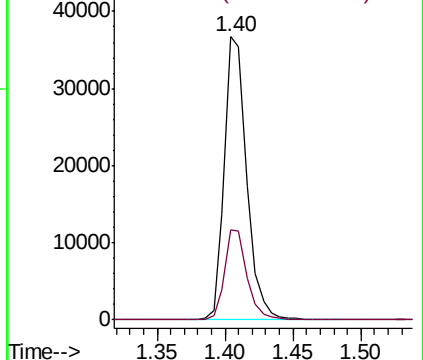
62 100

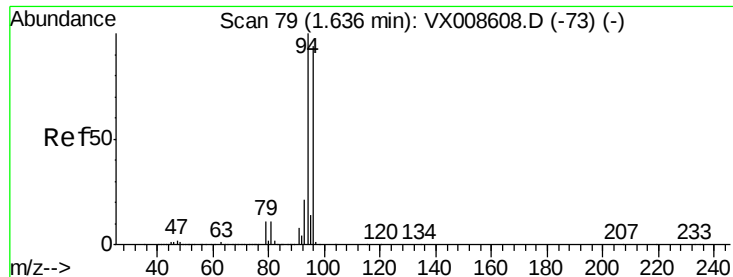
64 31.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.134 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

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Acq: 10 Apr 2019 17:52

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ClientSampleId :

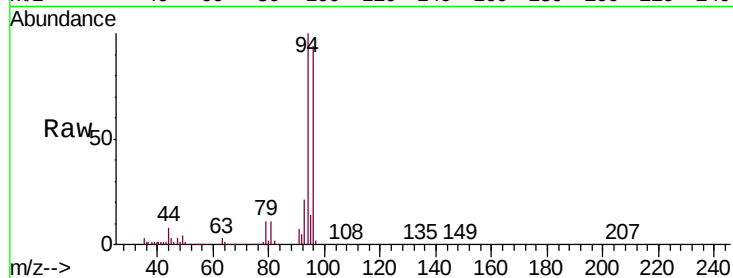
VX0410WBSD01

Tgt Ion: 94 Resp: 22375

Ion Ratio Lower Upper

94 100

96 93.9 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

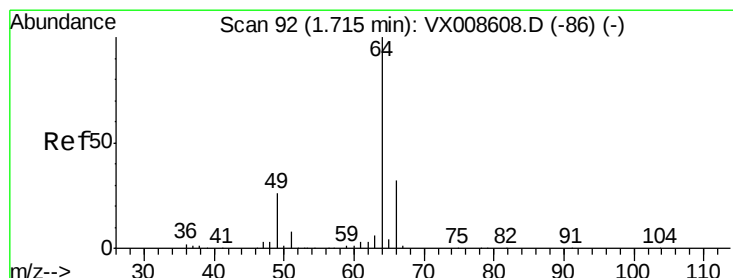
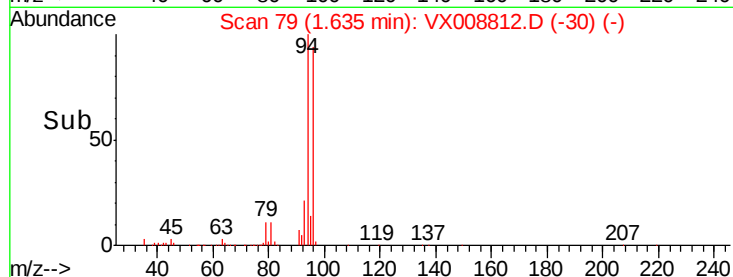
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 16.064 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008812.D

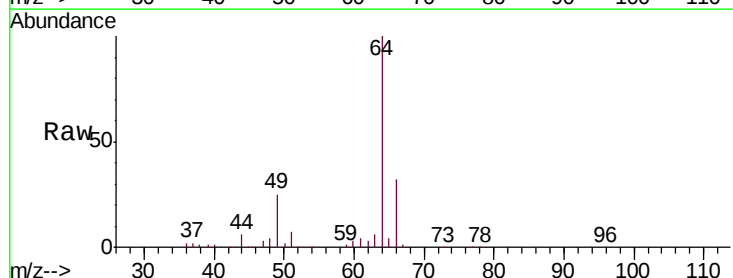
Acq: 10 Apr 2019 17:52

Tgt Ion: 64 Resp: 26617

Ion Ratio Lower Upper

64 100

66 31.5 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

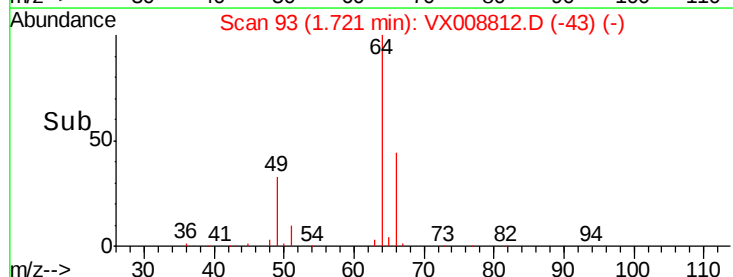
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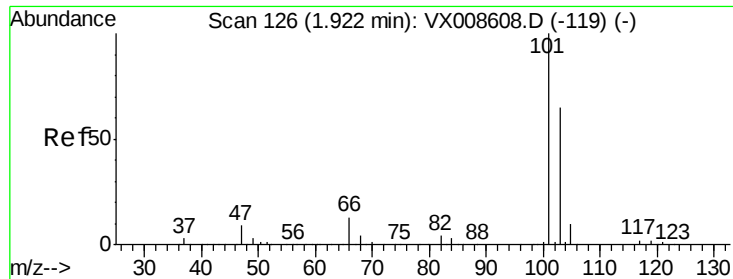
10000

5000

0

Time-->



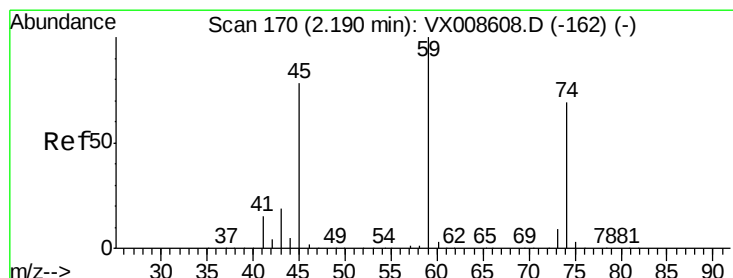
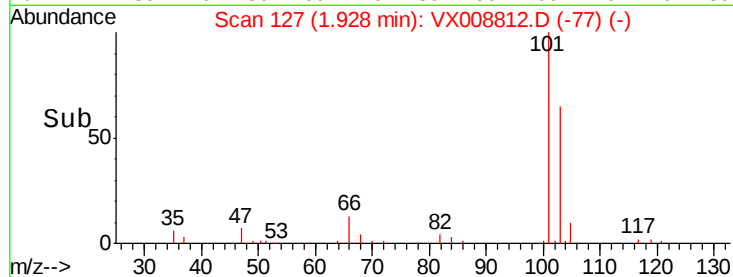
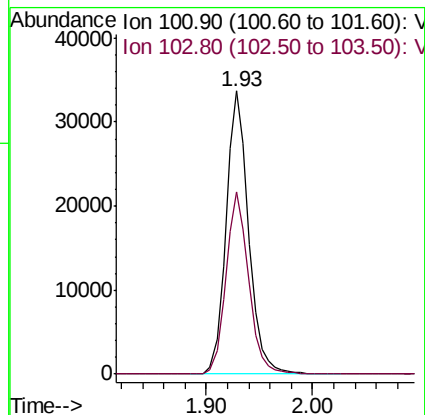
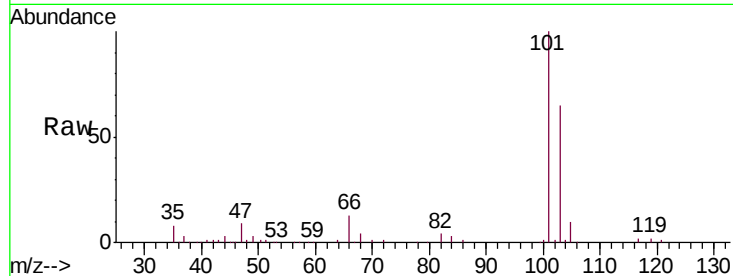


#7

Trichlorofluoromethane
 Concen: 16.696 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
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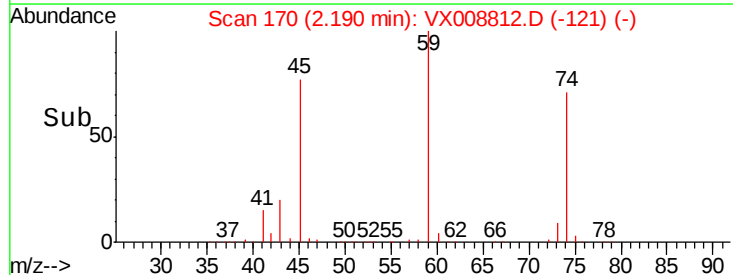
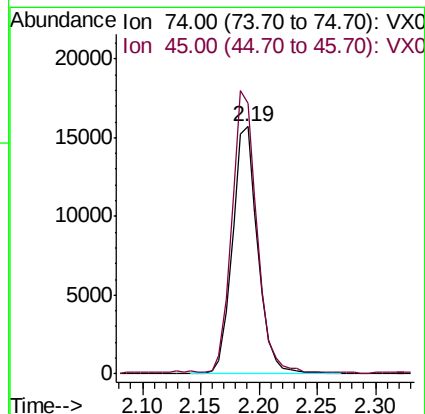
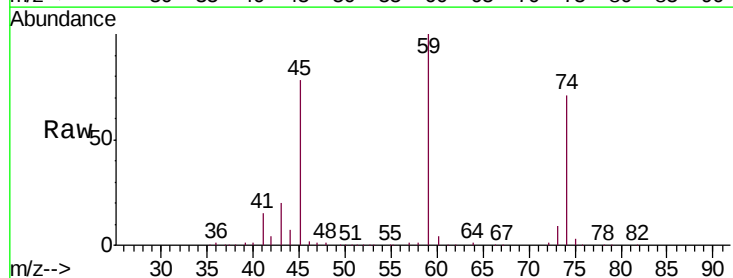
Tgt Ion:101 Resp: 49644
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

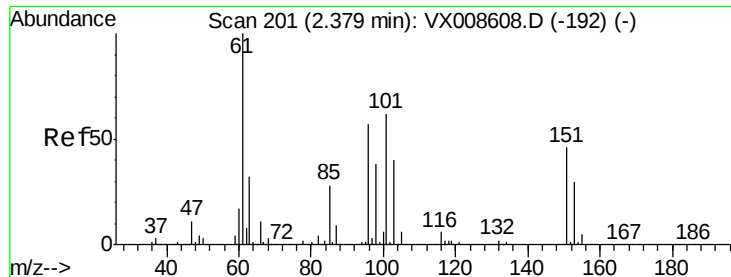


#8

Diethyl Ether
 Concen: 16.837 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 74 Resp: 23742
 Ion Ratio Lower Upper
 74 100
 45 111.9 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.986 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008812.D

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VX0410WBSD01

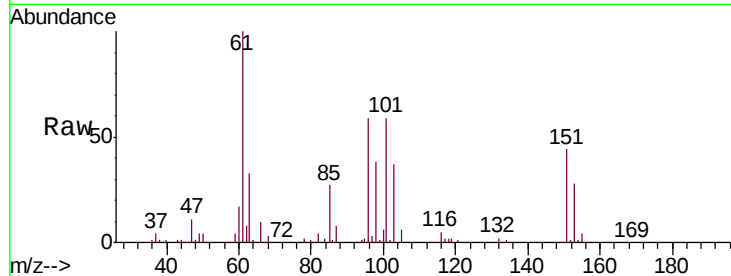
Tgt Ion:101 Resp: 32518

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

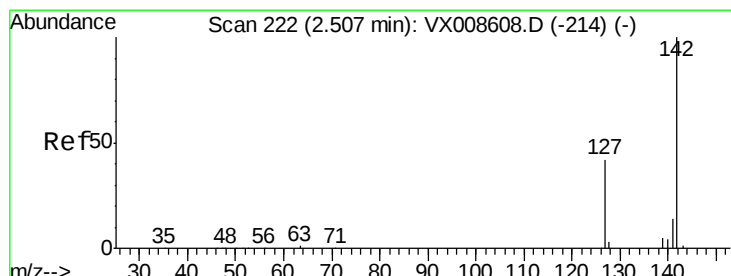
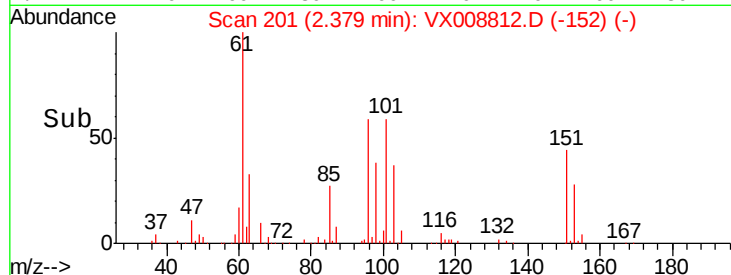
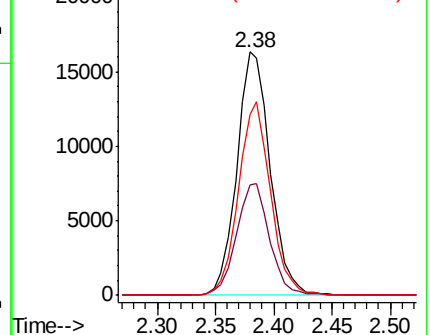
151 76.6 59.9 89.9



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: 18.293 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

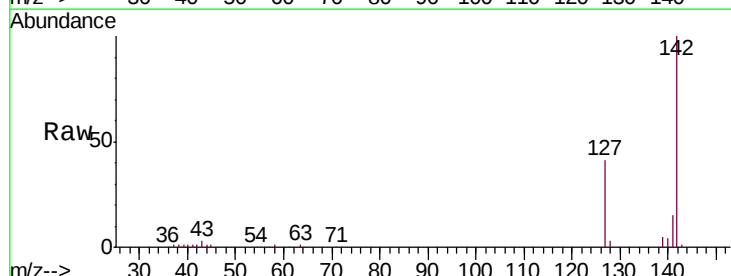
Tgt Ion:142 Resp: 27084

Ion Ratio Lower Upper

142 100

127 42.4 33.0 49.6

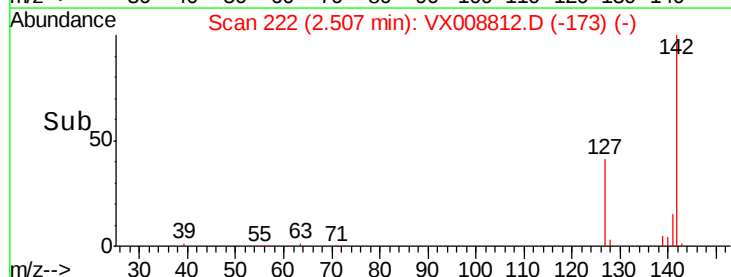
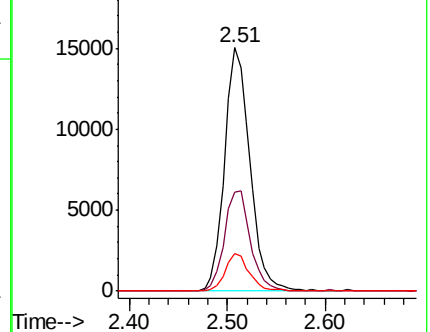
141 14.6 11.4 17.2

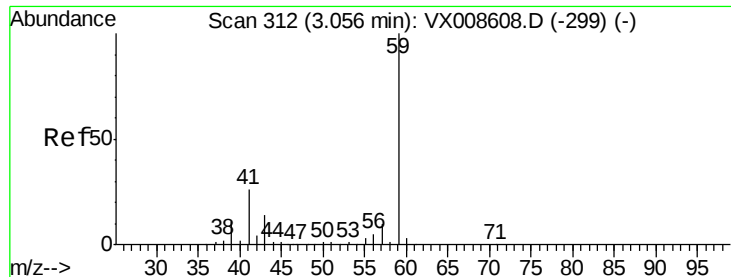


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



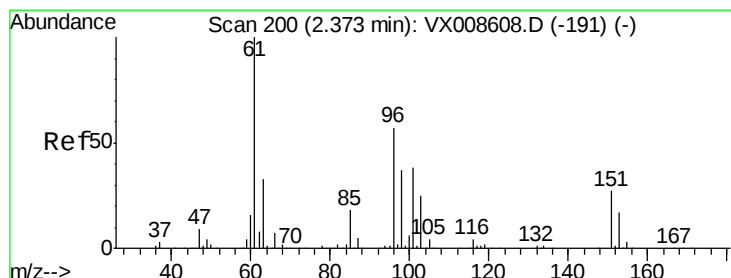
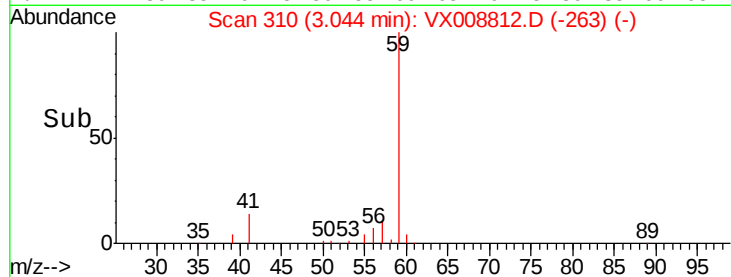
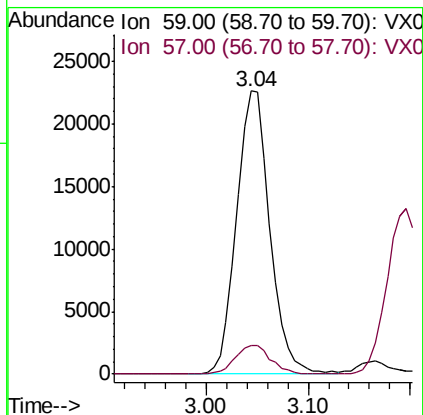
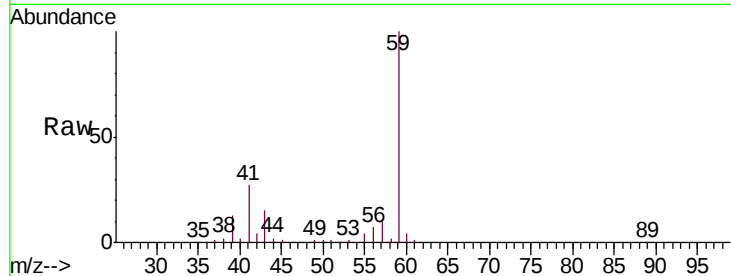


#11

Tert butyl alcohol
 Concen: 86.893 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

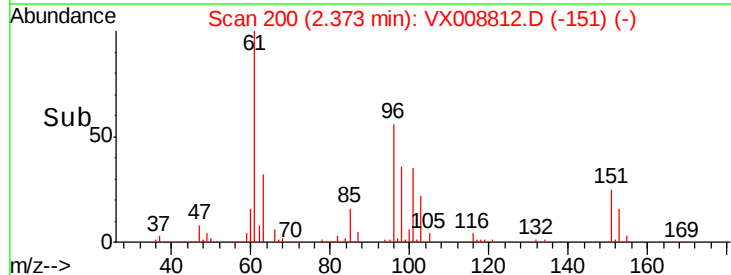
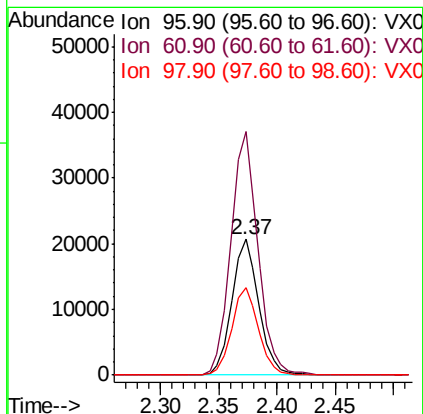
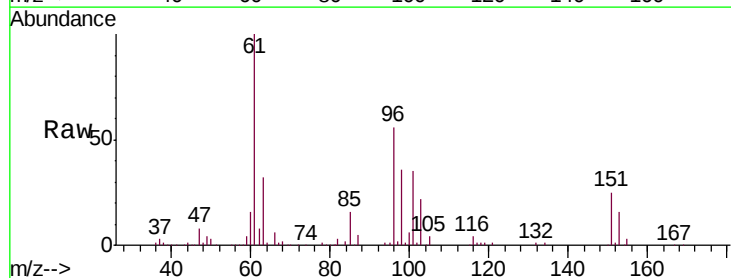
Tgt Ion: 59 Resp: 51291
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

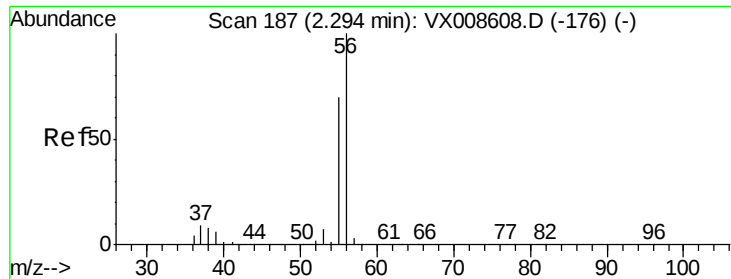


#12

1,1-Dichloroethene
 Concen: 16.746 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 96 Resp: 33466
 Ion Ratio Lower Upper
 96 100
 61 179.1 140.9 211.3
 98 64.7 52.1 78.1





#13

Acrolein

Concen: 118.708 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

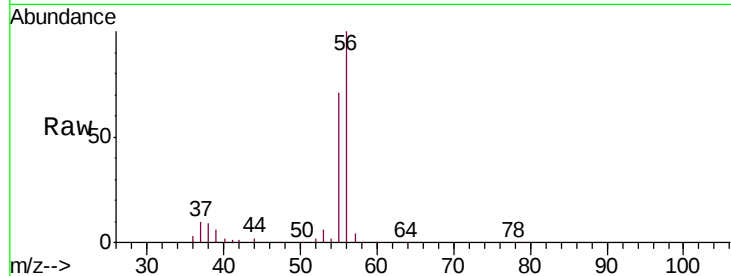
VX0410WBSD01

Tgt Ion: 56 Resp: 34745

Ion Ratio Lower Upper

56 100

55 71.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

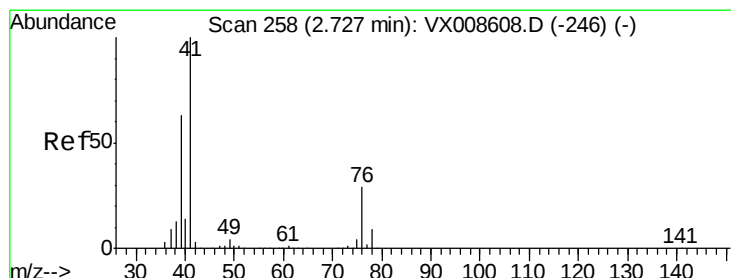
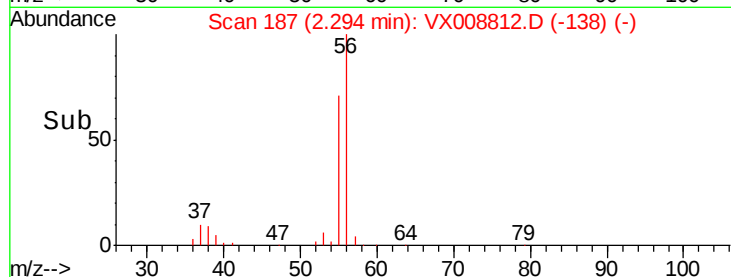
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.125 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

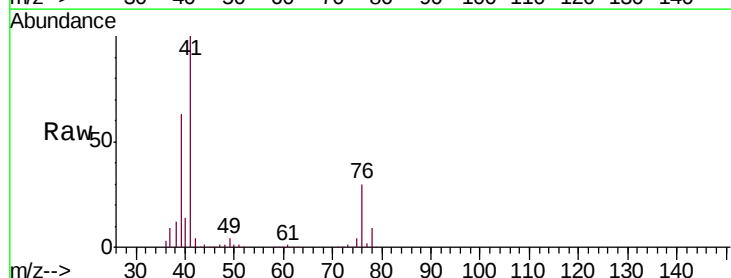
Tgt Ion: 41 Resp: 78345

Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 26.5 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

50000

40000

30000

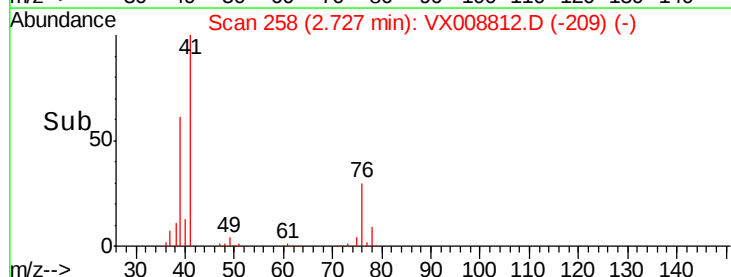
20000

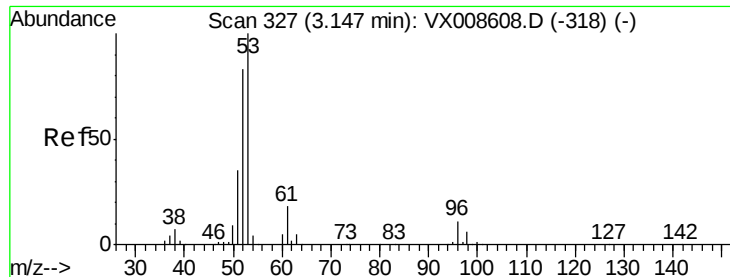
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 87.882 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

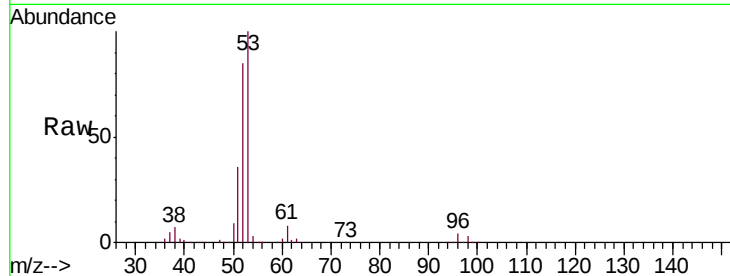
Tgt Ion: 53 Resp: 137426

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

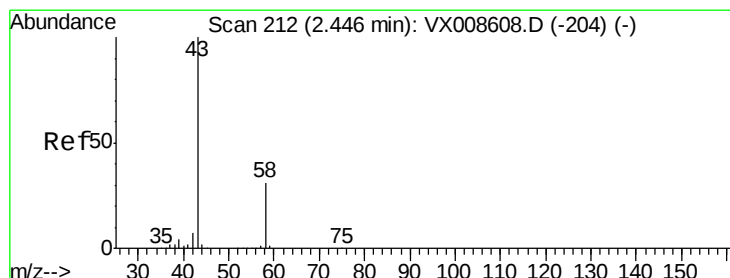
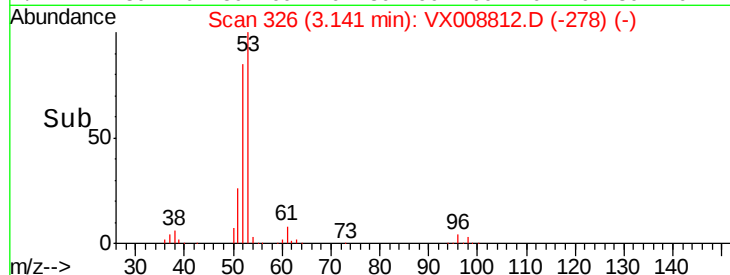
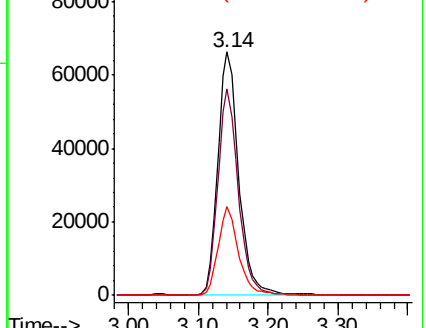
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 82.508 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008812.D

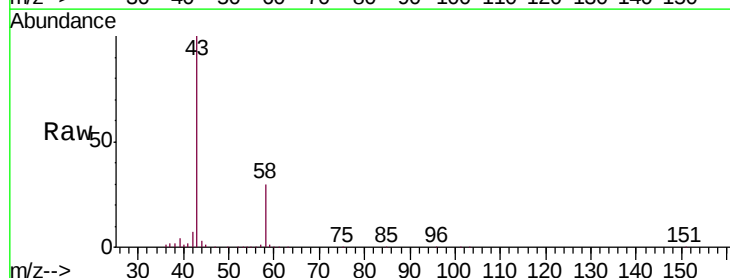
Acq: 10 Apr 2019 17:52

Tgt Ion: 43 Resp: 119820

Ion Ratio Lower Upper

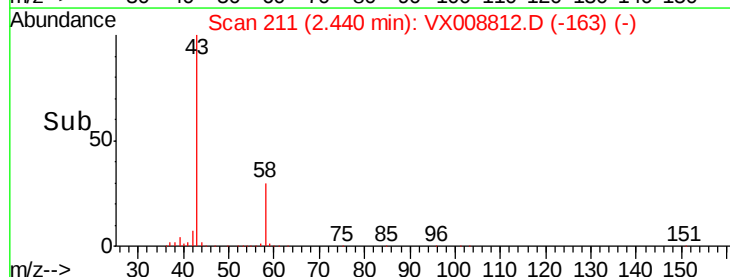
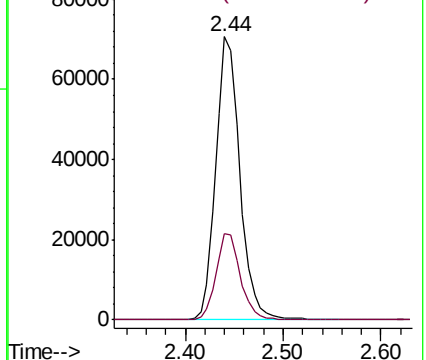
43 100

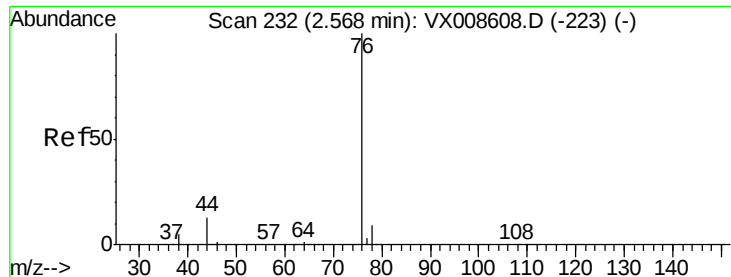
58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

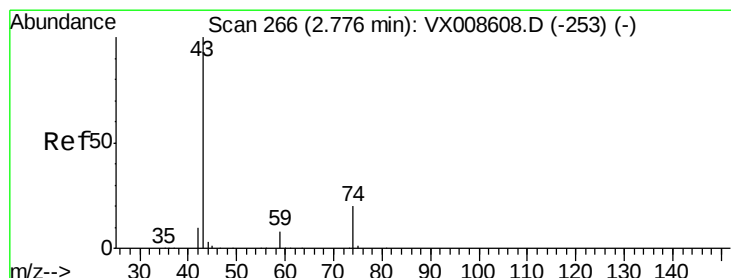
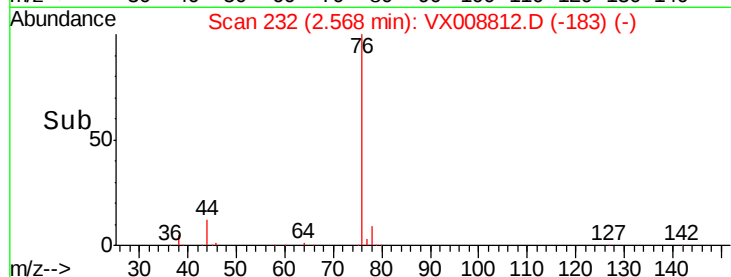
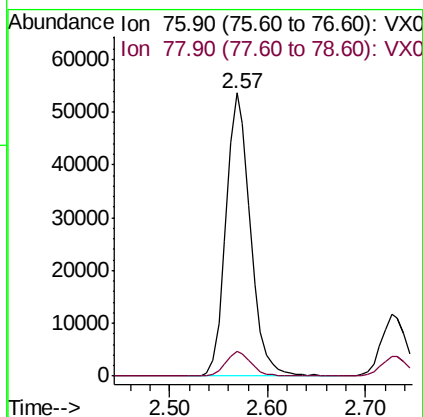
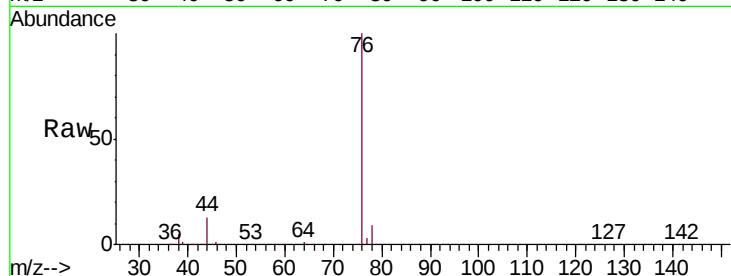




#17
Carbon Disulfide
Concen: 15.562 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

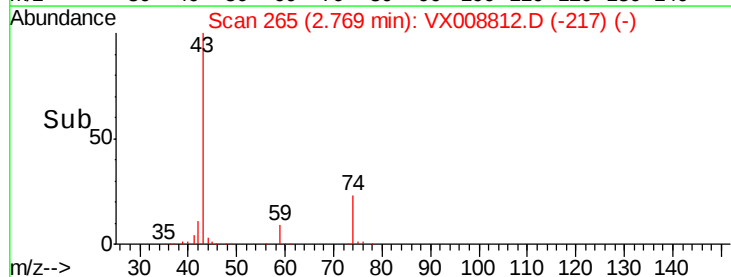
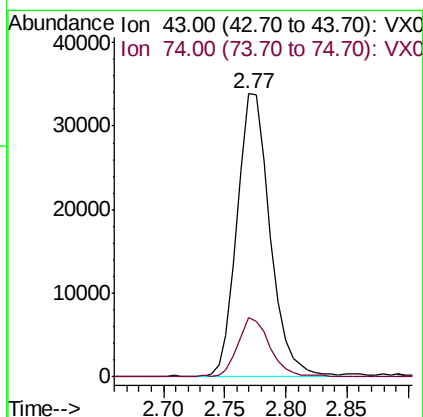
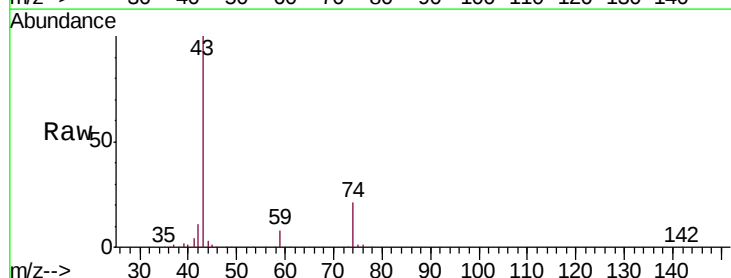
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

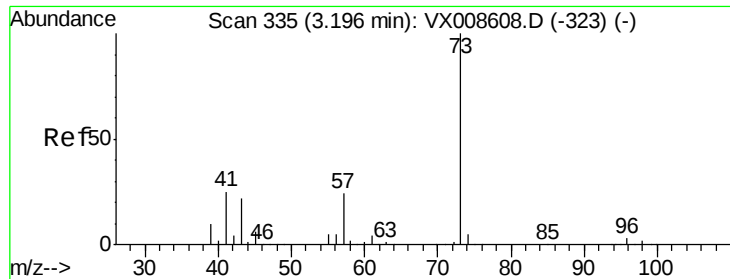
Tgt Ion: 76 Resp: 92750
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 17.971 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 43 Resp: 63296
Ion Ratio Lower Upper
43 100
74 21.0 16.5 24.7

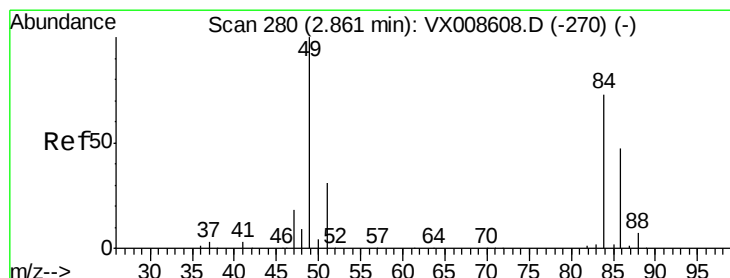
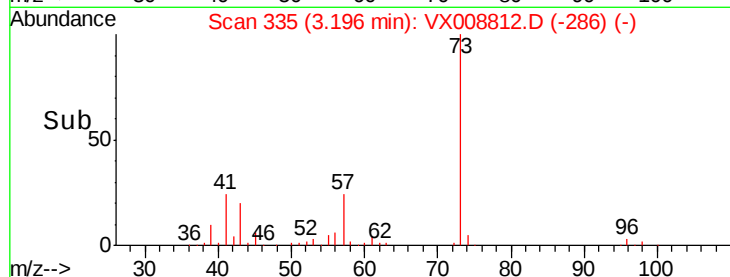
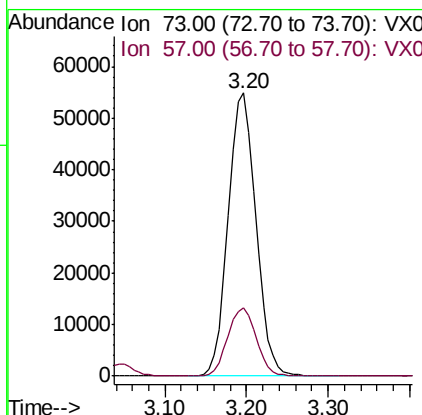
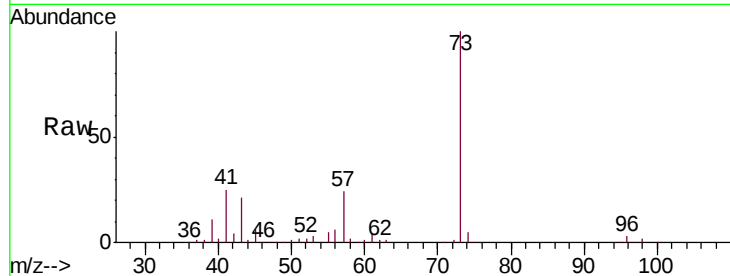




#19
Methyl tert-butyl Ether
Concen: 18.031 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

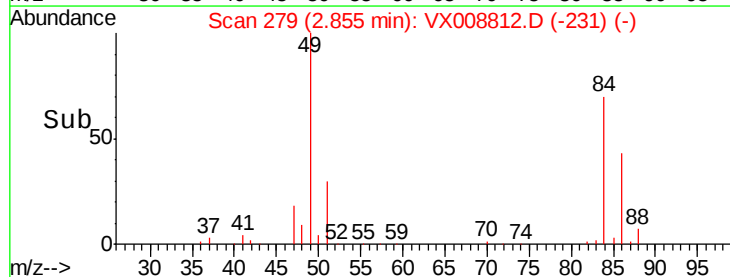
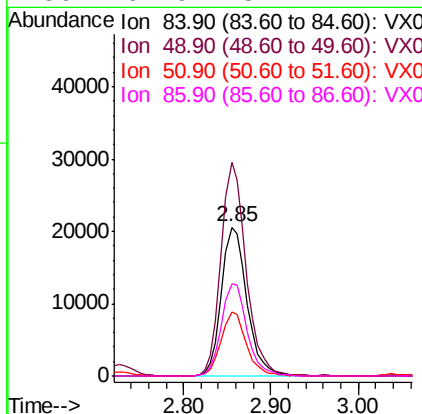
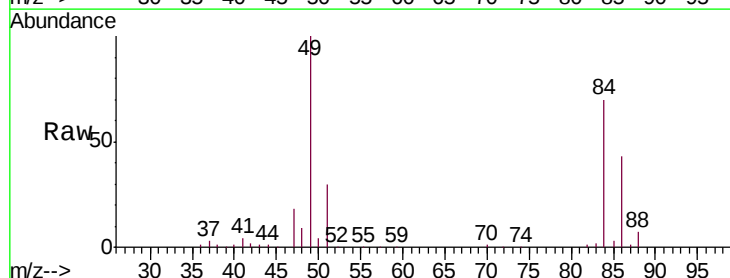
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

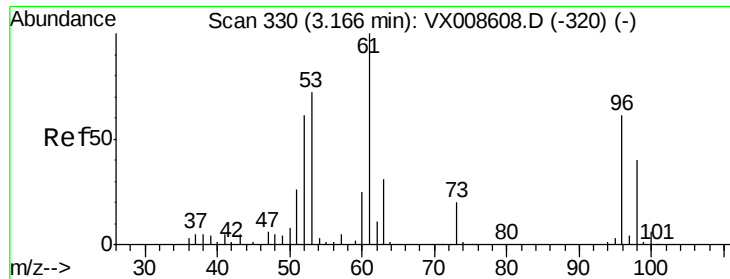
Tgt Ion: 73 Resp: 128691
Ion Ratio Lower Upper
73 100
57 24.0 19.5 29.3



#20
Methylene Chloride
Concen: 17.189 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 84 Resp: 41785
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 42.6 33.6 50.4
86 61.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.478 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

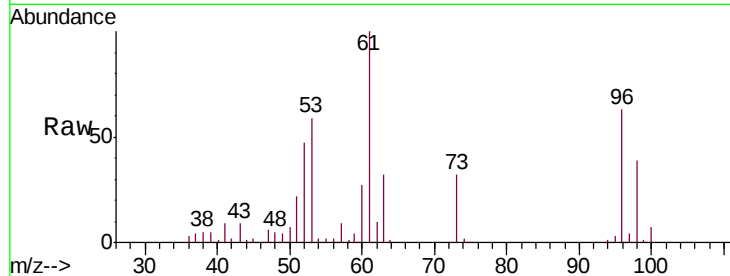
Tgt Ion: 96 Resp: 35621

Ion Ratio Lower Upper

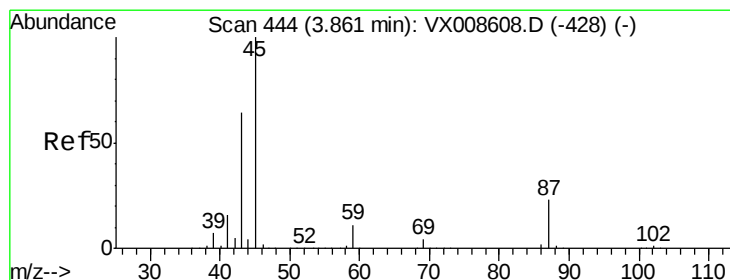
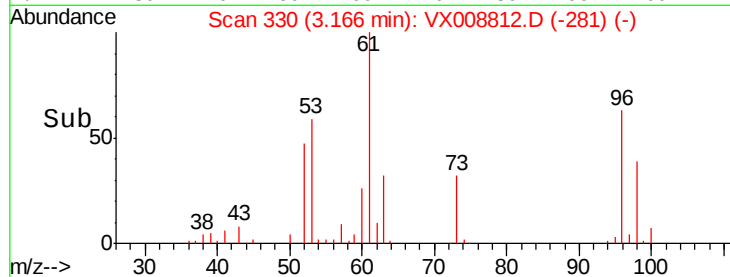
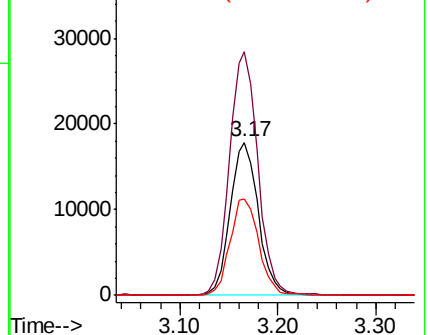
96 100

61 159.0 132.1 198.1

98 62.7 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: 18.177 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion: 45 Resp: 160286

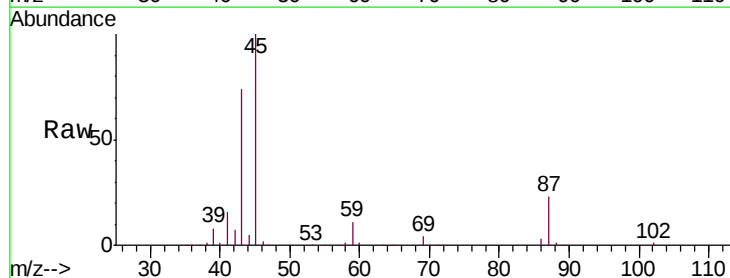
Ion Ratio Lower Upper

45 100

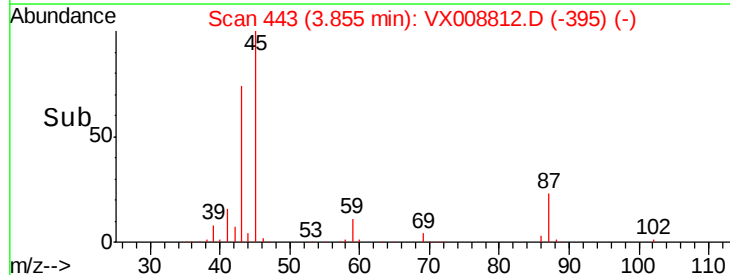
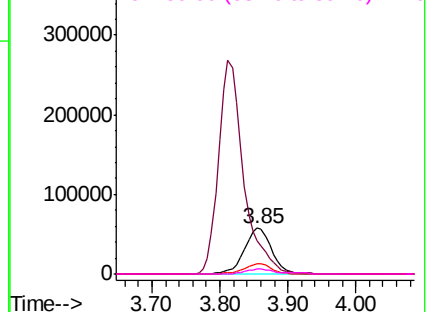
43 74.2 51.3 76.9

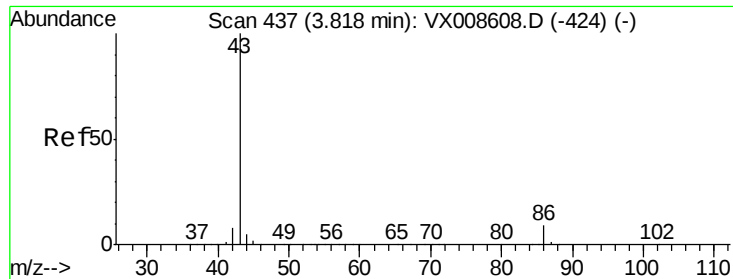
87 23.0 18.1 27.1

59 10.7 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: 90.224 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

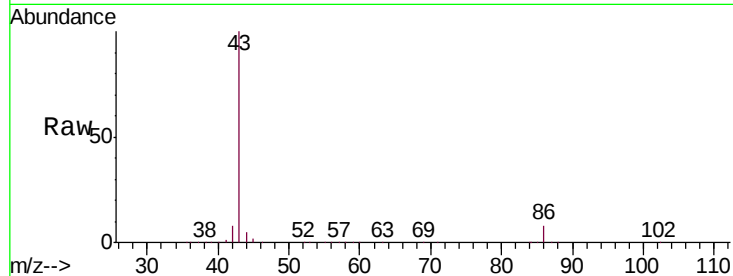
VX0410WBSD01

Tgt Ion: 43 Resp: 692109

Ion Ratio Lower Upper

43 100

86 8.4 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

250000

200000

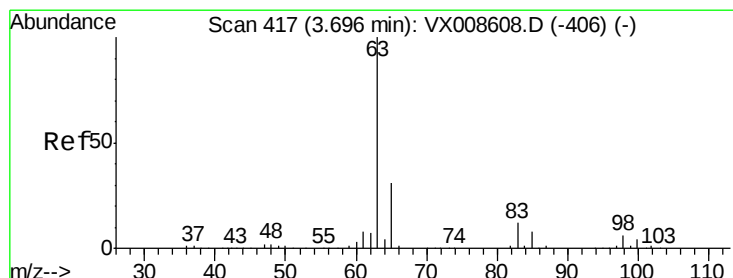
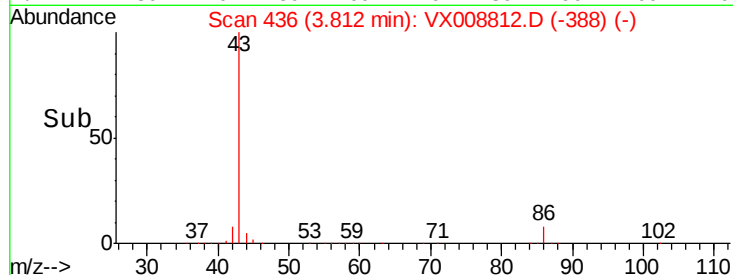
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.685 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

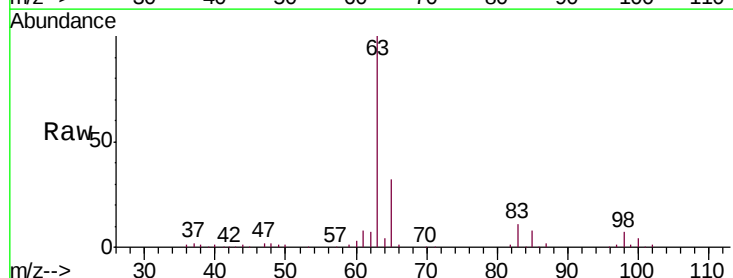
Tgt Ion: 63 Resp: 77211

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.4

100 3.6 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

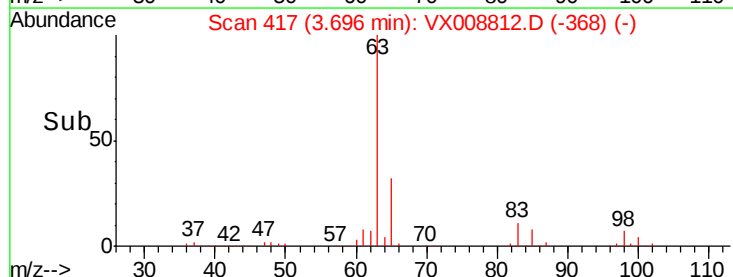
30000

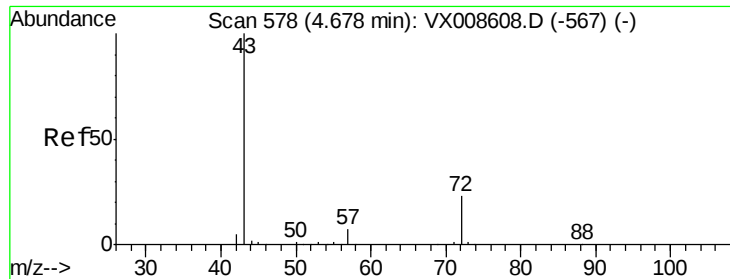
20000

10000

0

Time-->





#25

2-Butanone

Concen: 88.496 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

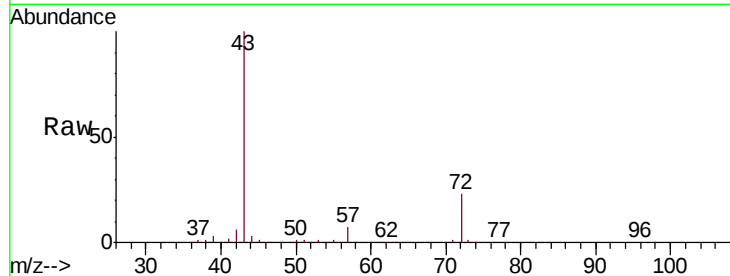
VX0410WBSD01

Tgt Ion: 43 Resp: 203123

Ion Ratio Lower Upper

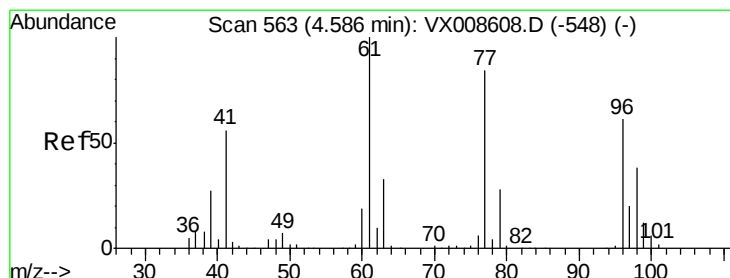
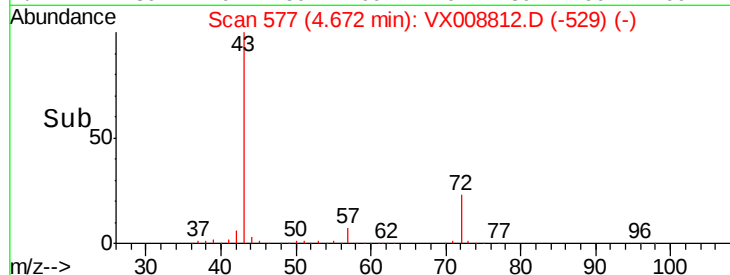
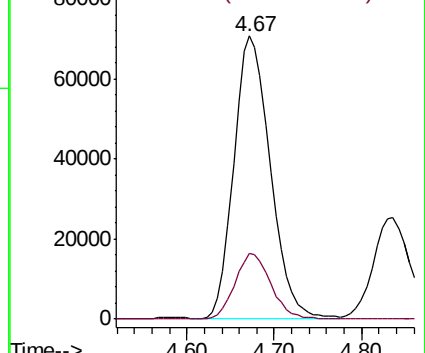
43 100

72 23.3 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: 16.186 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008812.D

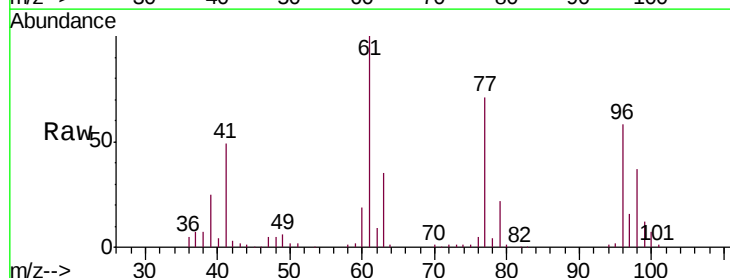
Acq: 10 Apr 2019 17:52

Tgt Ion: 77 Resp: 49772

Ion Ratio Lower Upper

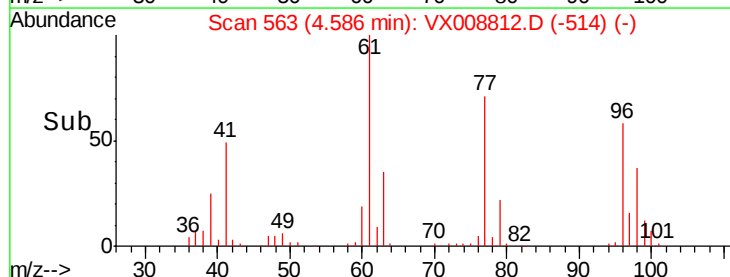
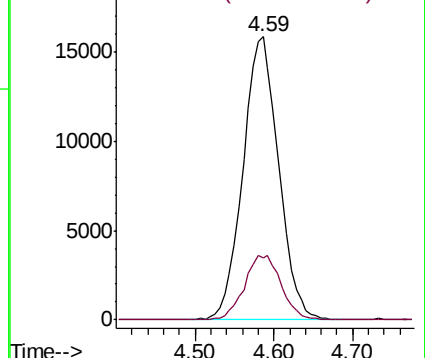
77 100

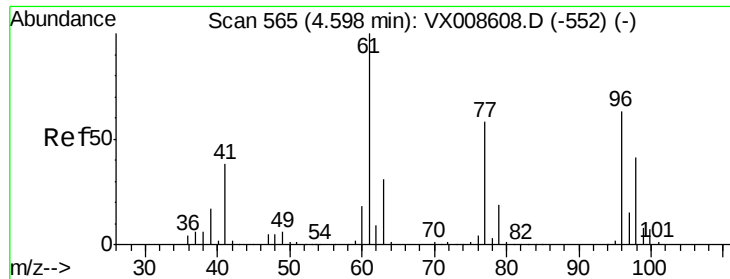
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



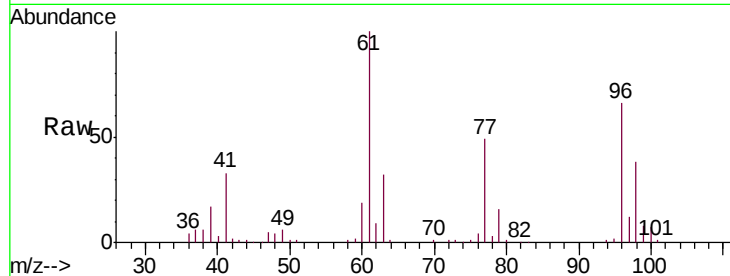


#27

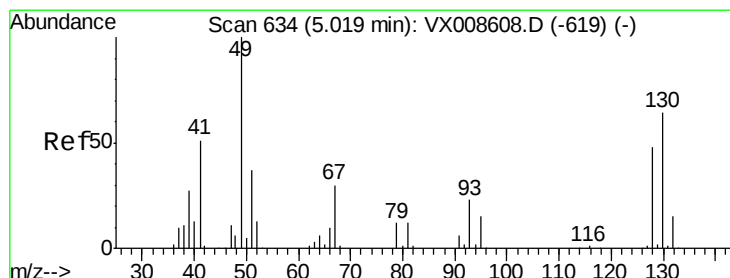
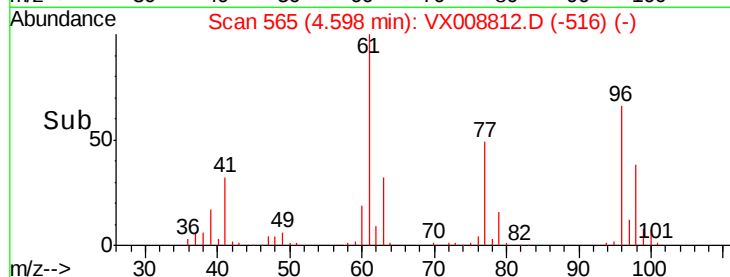
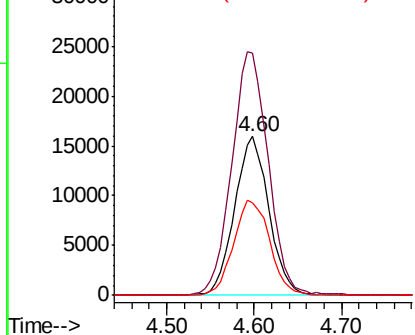
cis-1,2-Dichloroethene
Concen: 17.524 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion: 96 Resp: 43553
Ion Ratio Lower Upper
96 100
61 162.7 0.0 327.6
98 63.1 0.0 128.6



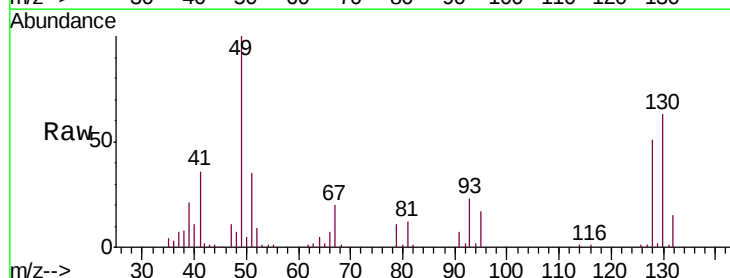
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



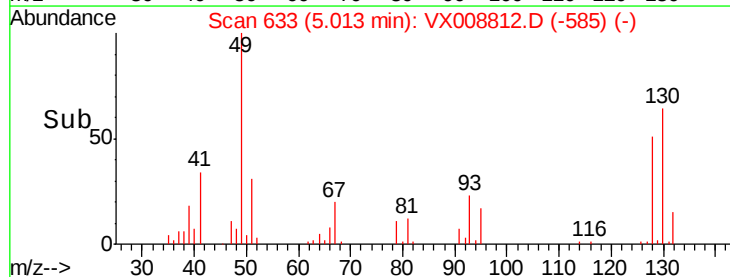
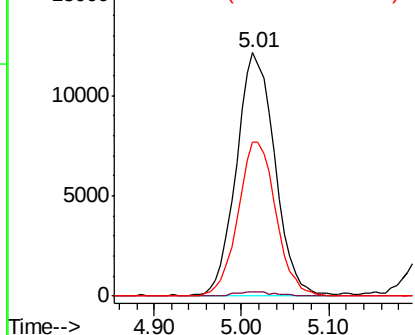
#28

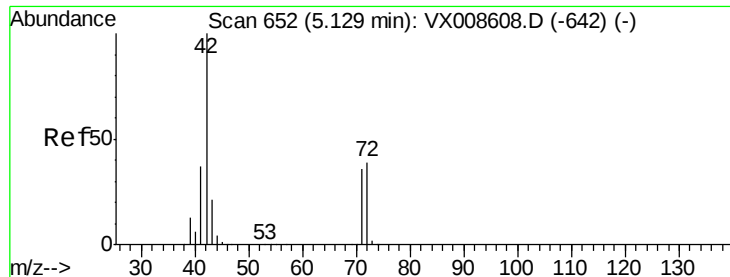
Bromochloromethane
Concen: 18.496 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 49 Resp: 37209
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 62.1 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: 88.139 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

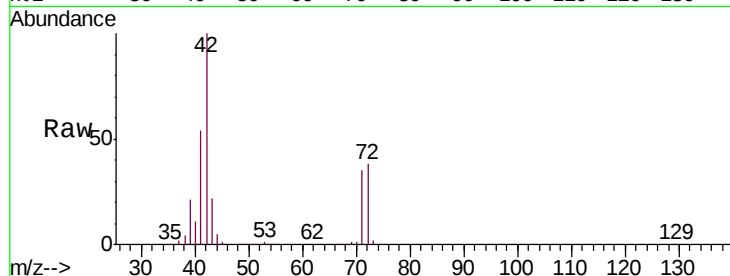
Tgt Ion: 42 Resp: 134273

Ion Ratio Lower Upper

42 100

72 38.2 30.5 45.7

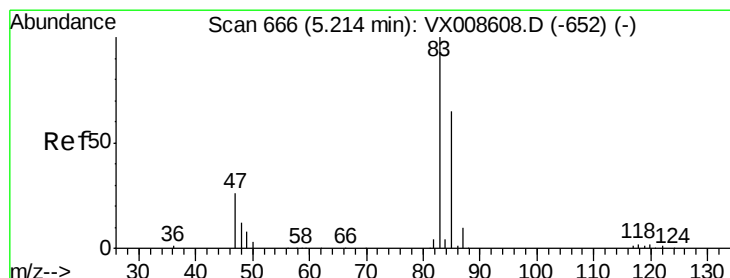
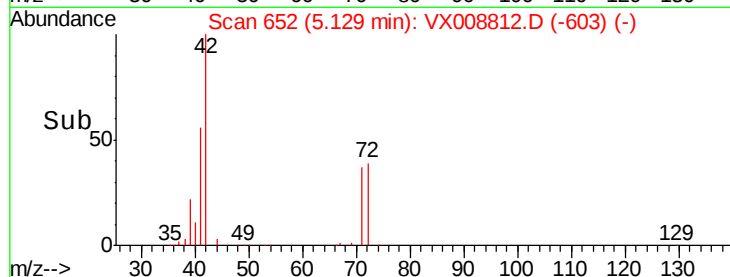
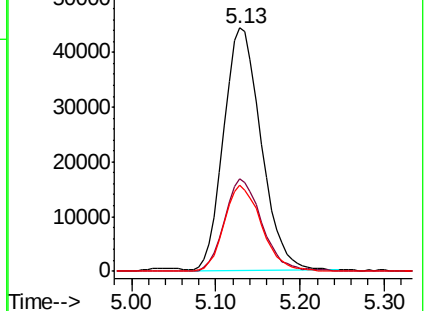
71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.950 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008812.D

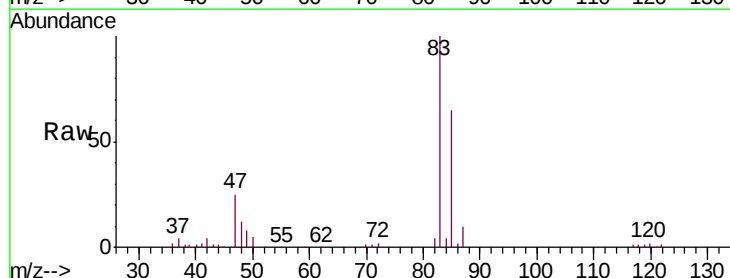
Acq: 10 Apr 2019 17:52

Tgt Ion: 83 Resp: 69996

Ion Ratio Lower Upper

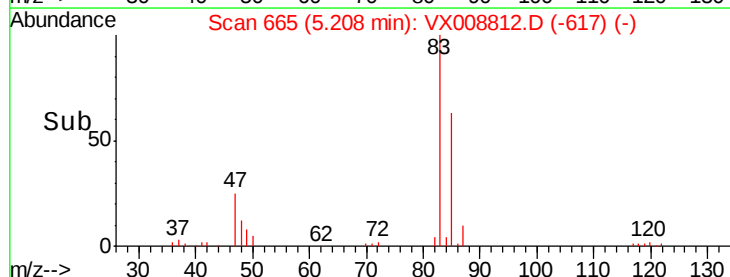
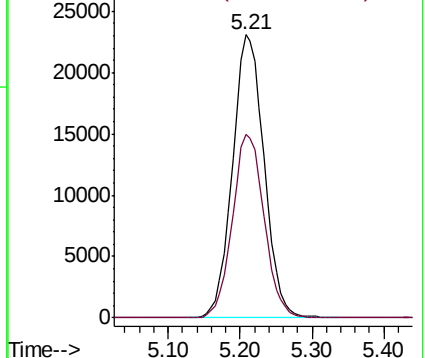
83 100

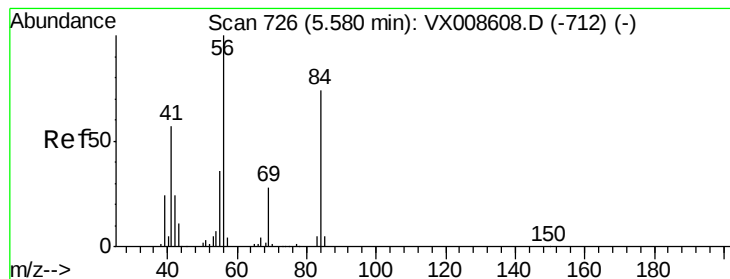
85 64.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.546 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

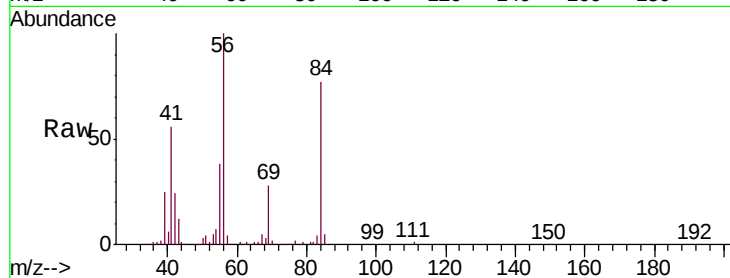
Tgt Ion: 56 Resp: 72080

Ion Ratio Lower Upper

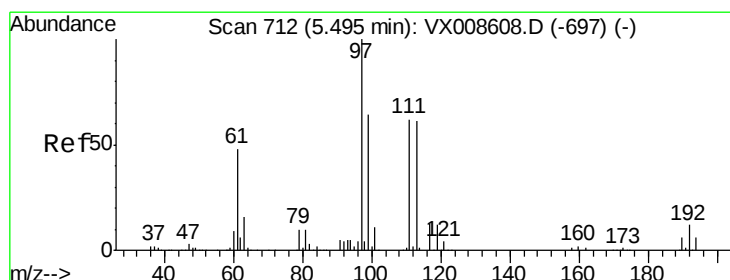
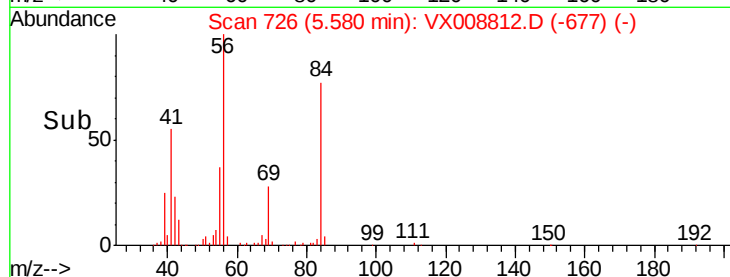
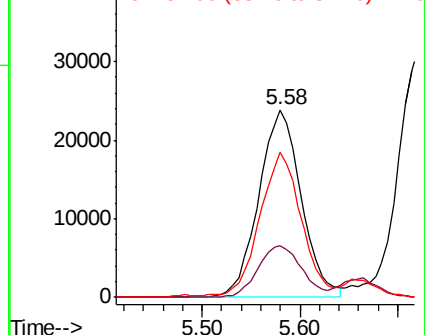
56 100

69 27.7 22.6 33.8

84 76.8 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.560 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

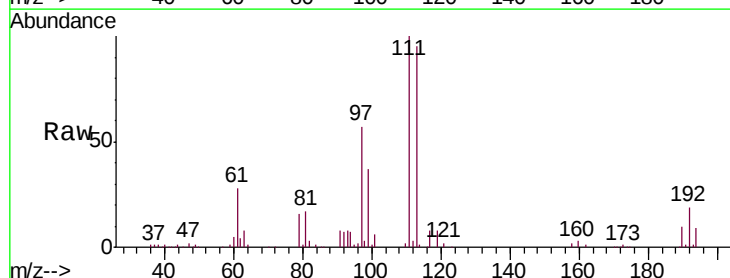
Tgt Ion: 97 Resp: 55333

Ion Ratio Lower Upper

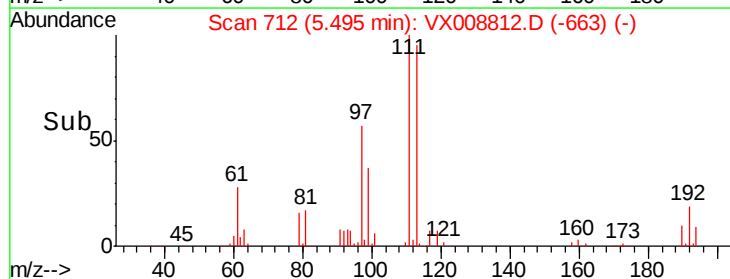
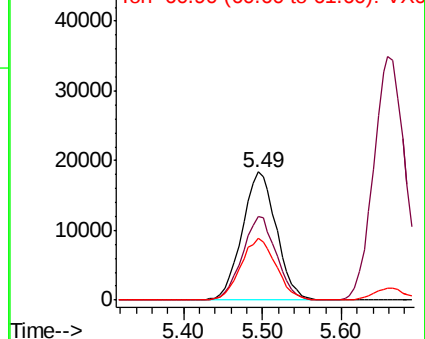
97 100

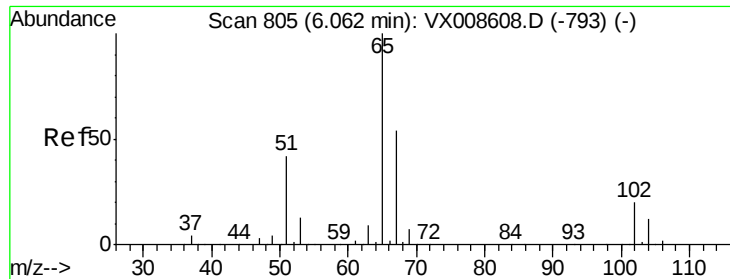
99 64.9 51.3 76.9

61 50.1 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.255 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

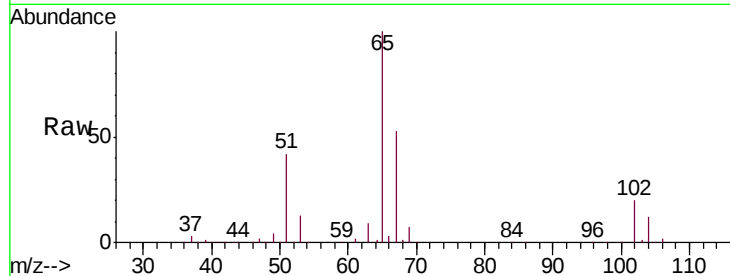
VX0410WBSD01

Tgt Ion: 65 Resp: 121669

Ion Ratio Lower Upper

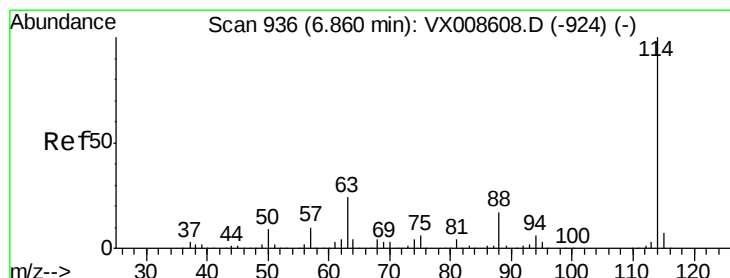
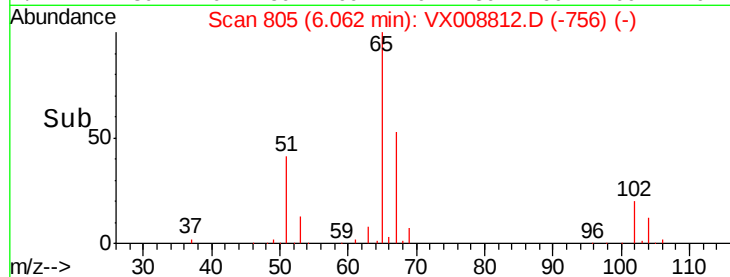
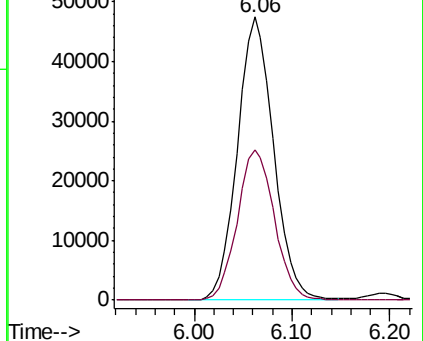
65 100

67 54.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

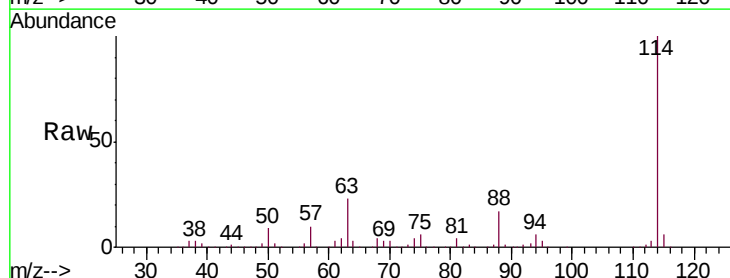
Tgt Ion: 114 Resp: 286694

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

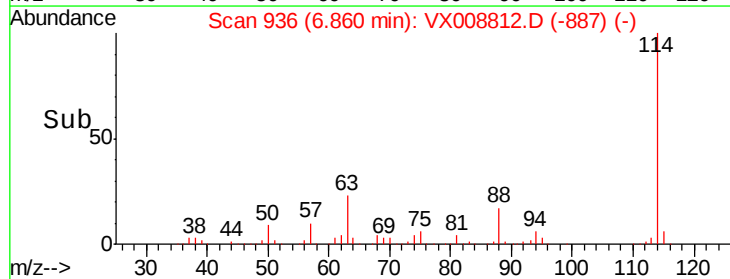
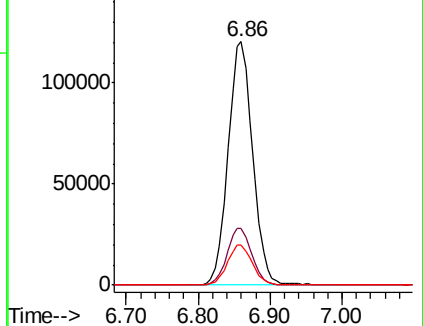
88 16.6 0.0 34.0

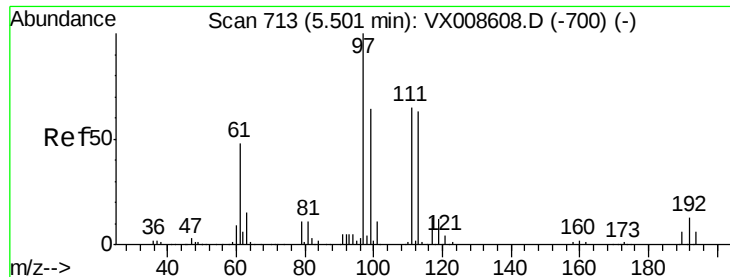


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.677 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

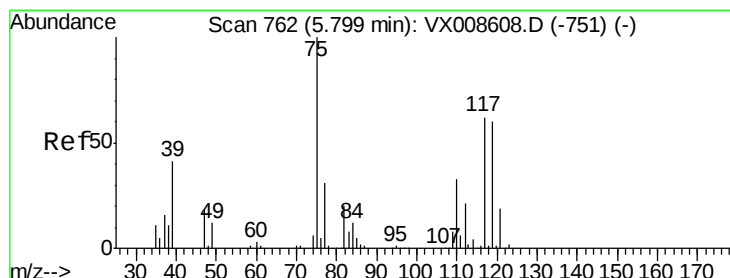
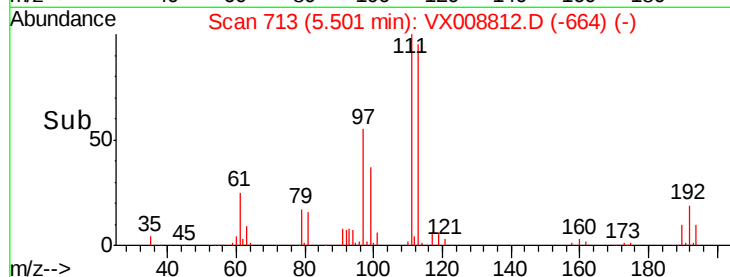
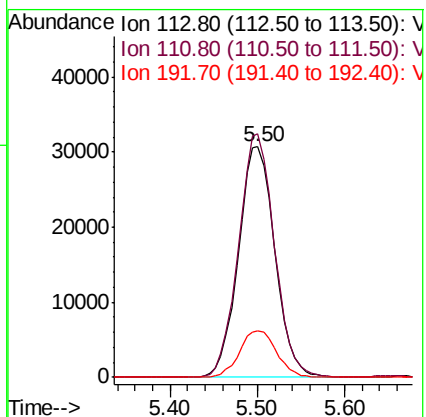
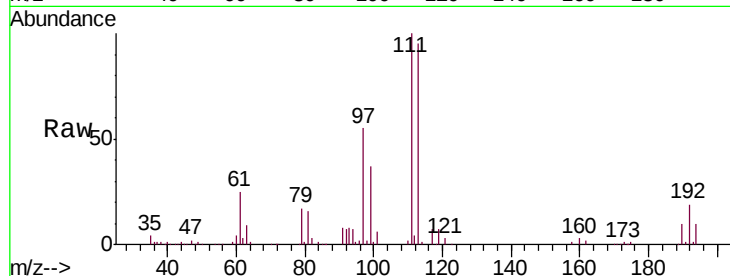
Tgt Ion:113 Resp: 89226

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 20.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 17.208 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

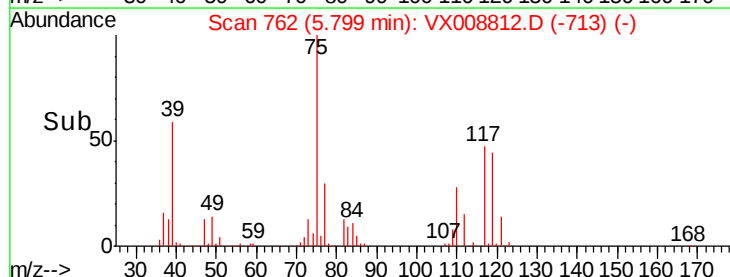
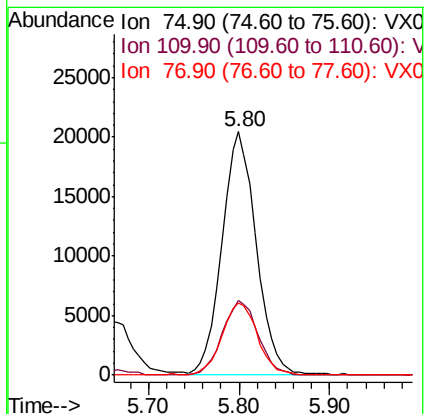
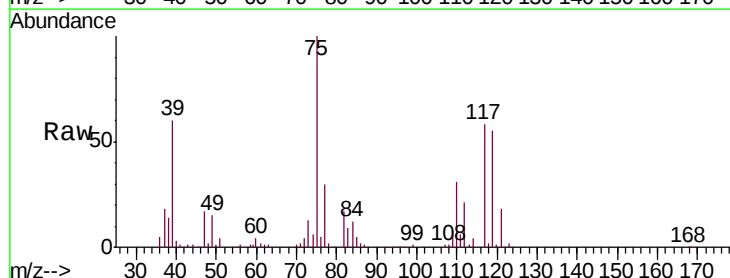
Tgt Ion: 75 Resp: 53926

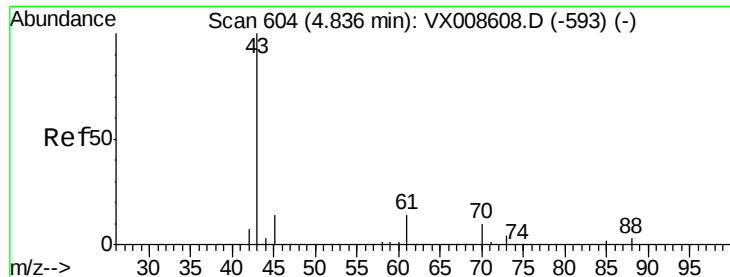
Ion Ratio Lower Upper

75 100

110 31.8 16.4 49.2

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 18.352 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

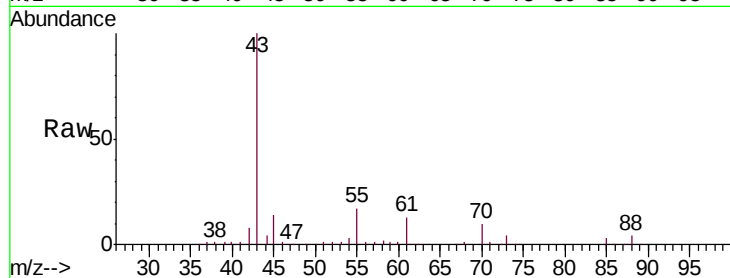
Tgt Ion: 43 Resp: 76767

Ion Ratio Lower Upper

43 100

61 13.4 10.3 15.5

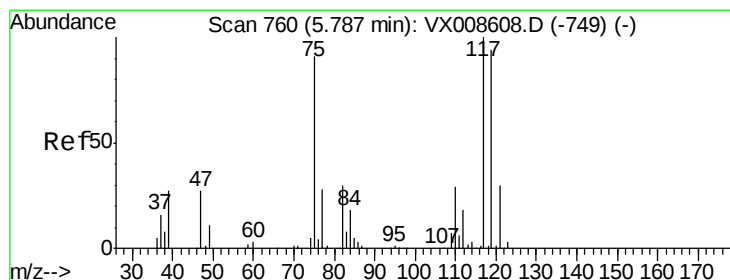
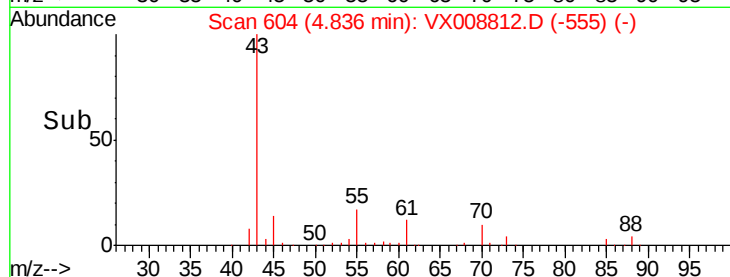
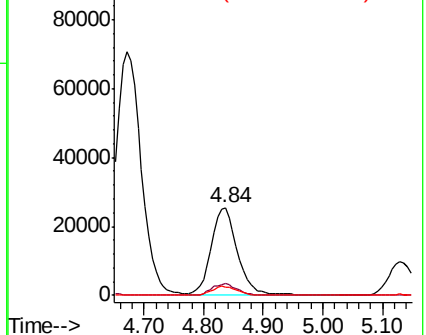
70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.574 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

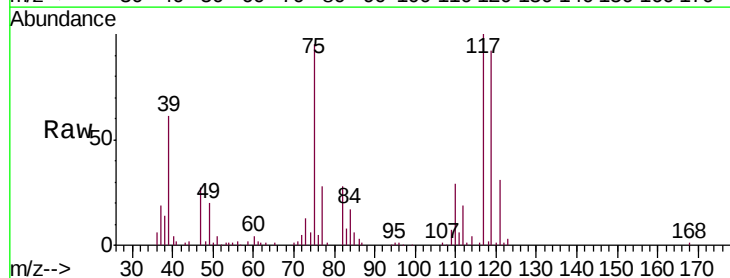
Tgt Ion: 117 Resp: 45584

Ion Ratio Lower Upper

117 100

119 92.2 75.0 112.6

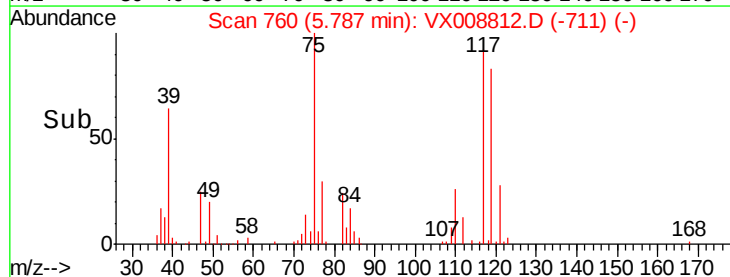
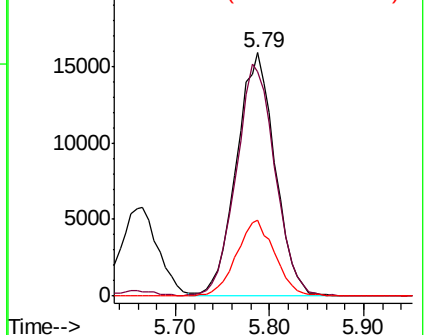
121 31.1 24.3 36.5

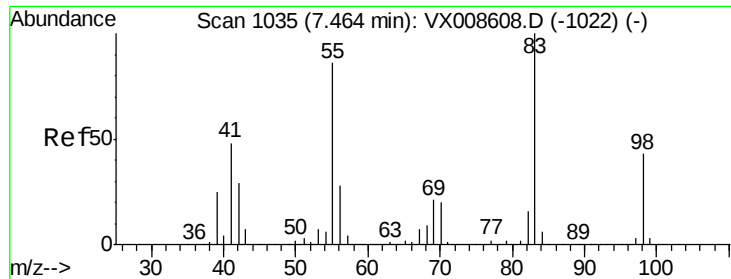


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

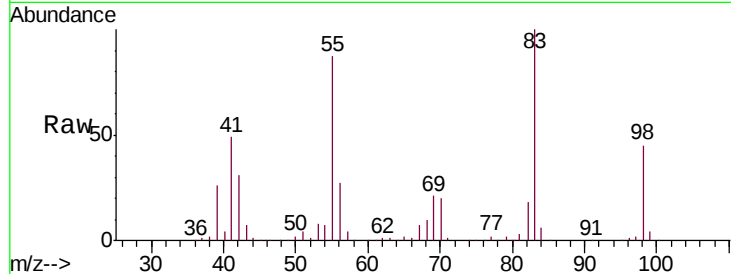




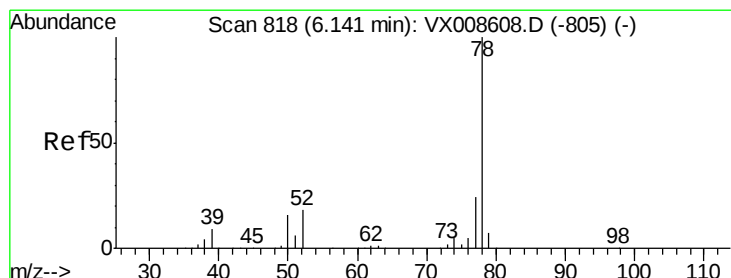
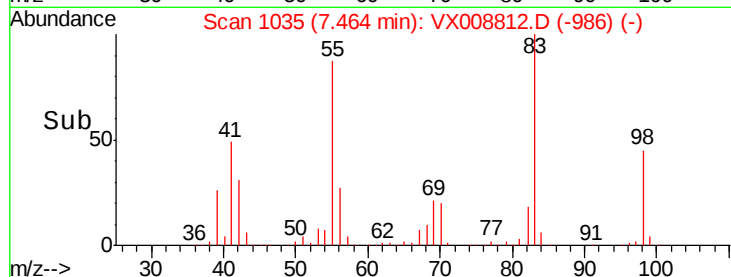
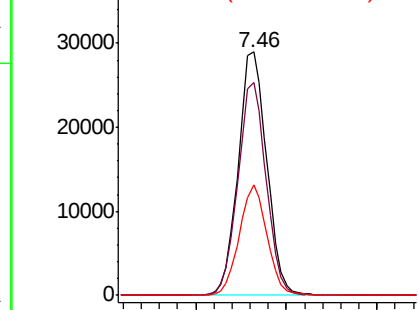
#39
Methylcyclohexane
Concen: 16.348 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion: 83 Resp: 63288
Ion Ratio Lower Upper
83 100
55 87.3 69.0 103.6
98 45.5 34.4 51.6

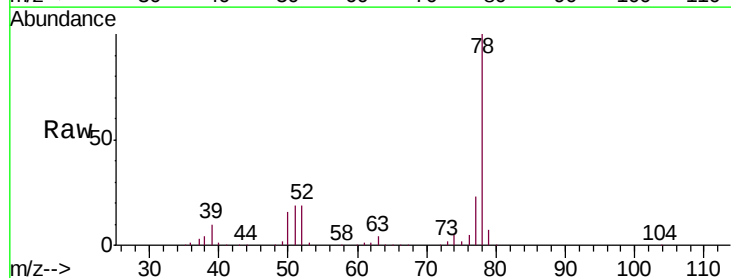


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

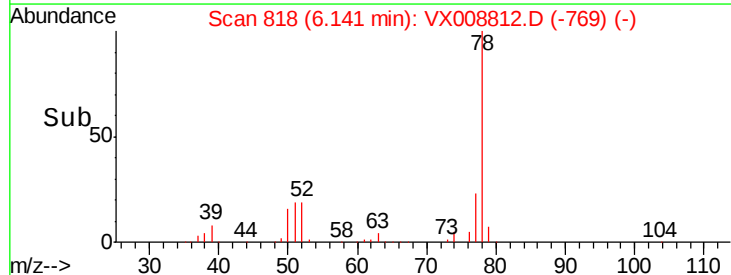
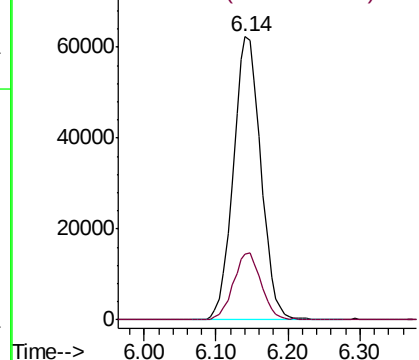


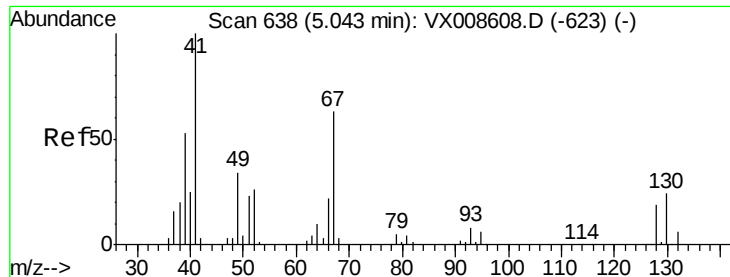
#40
Benzene
Concen: 17.765 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 78 Resp: 165859
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.052 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampled :

VX0410WBSD01

Tgt Ion: 41 Resp: 43404

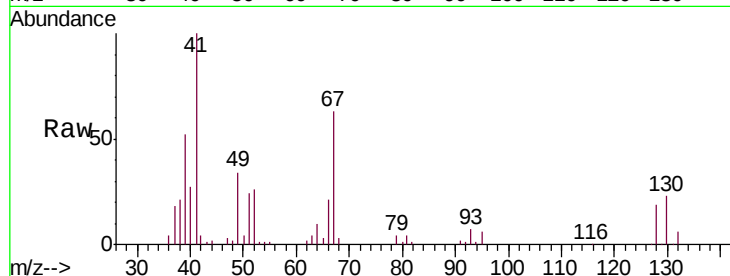
Ion Ratio Lower Upper

41 100

39 52.7 42.1 63.1

67 63.4 51.0 76.6

52 24.9 21.4 32.0

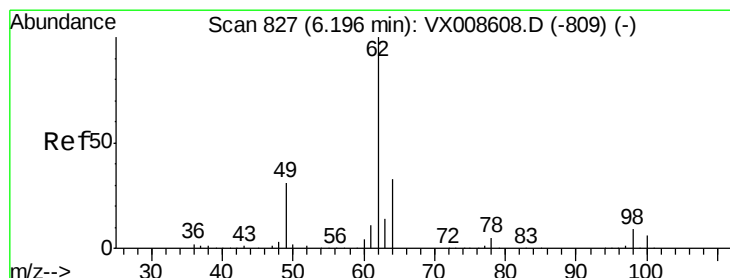
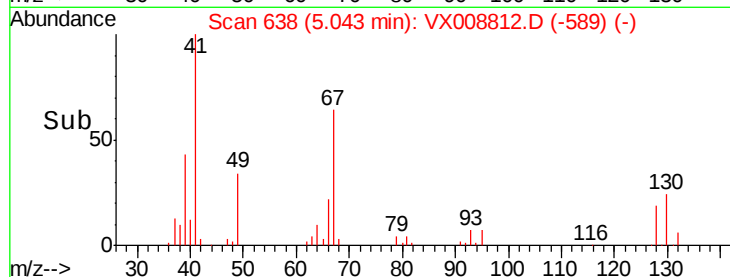
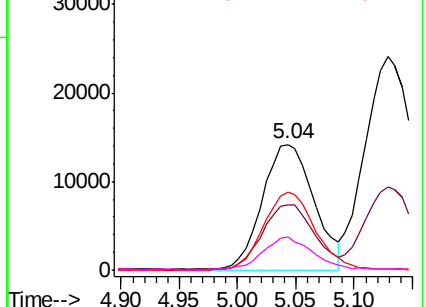


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.944 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008812.D

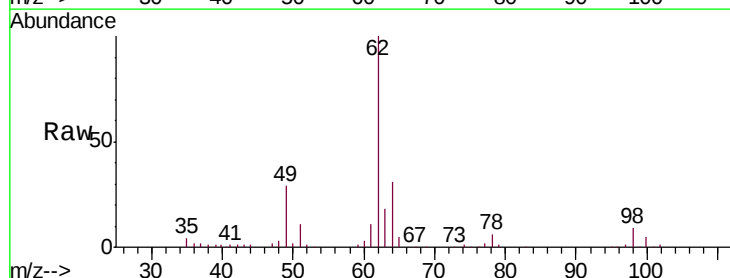
Acq: 10 Apr 2019 17:52

Tgt Ion: 62 Resp: 60058

Ion Ratio Lower Upper

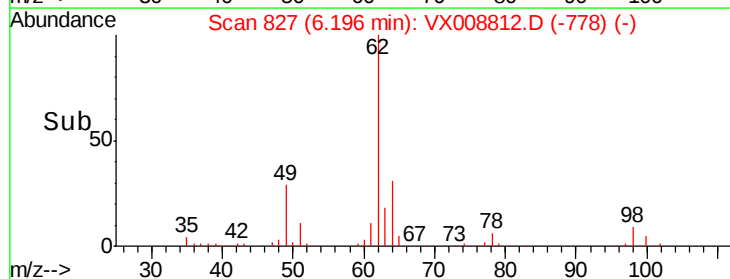
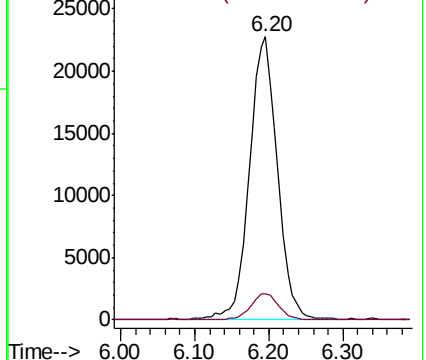
62 100

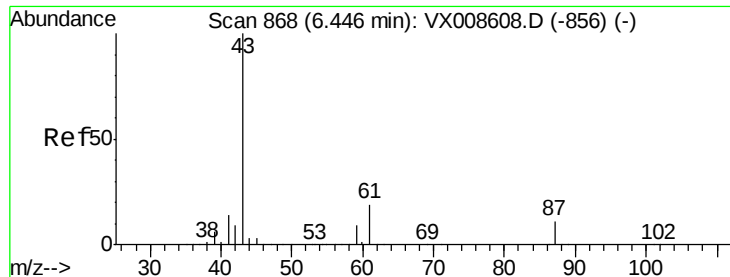
98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.200 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

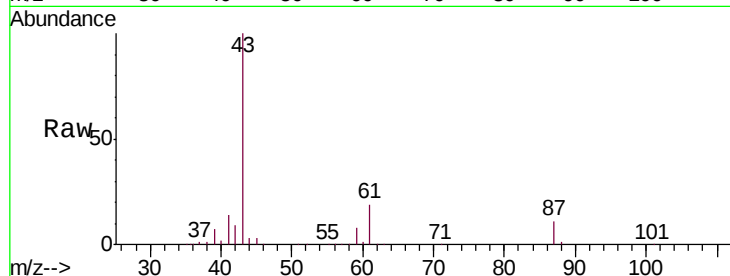
Tgt Ion: 43 Resp: 119263

Ion Ratio Lower Upper

43 100

61 18.8 15.3 22.9

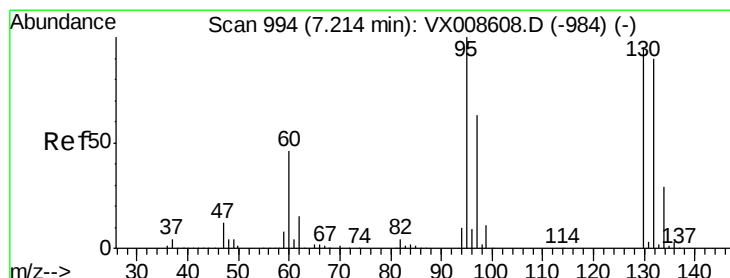
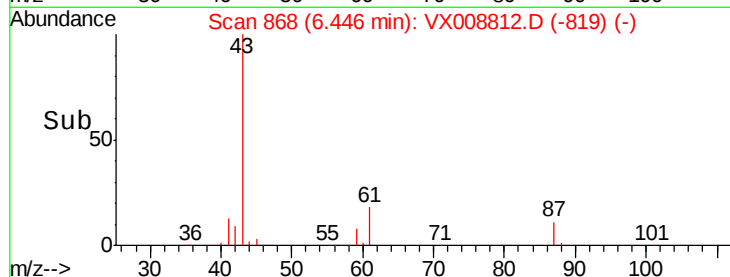
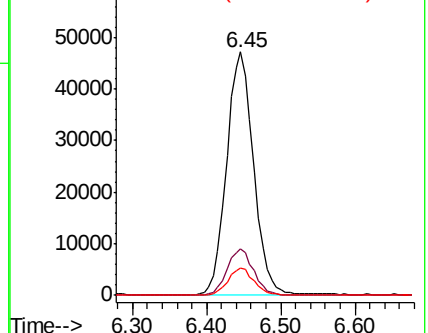
87 11.1 9.0 13.6



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: 17.651 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008812.D

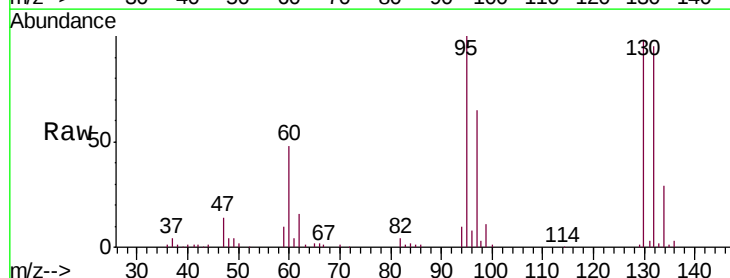
Acq: 10 Apr 2019 17:52

Tgt Ion: 130 Resp: 38381

Ion Ratio Lower Upper

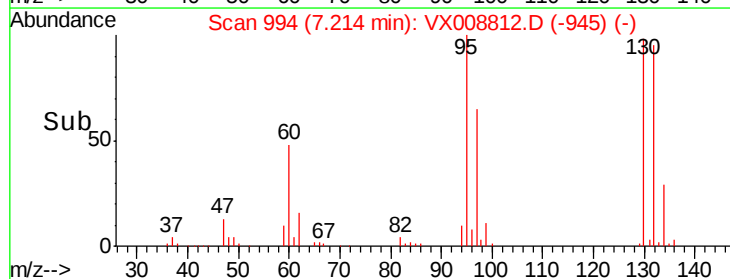
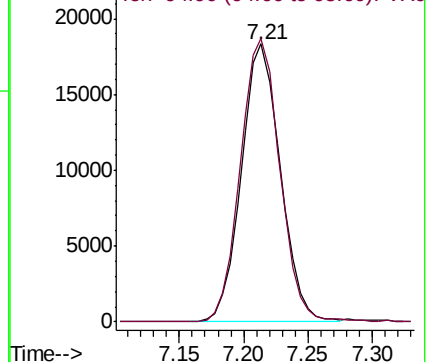
130 100

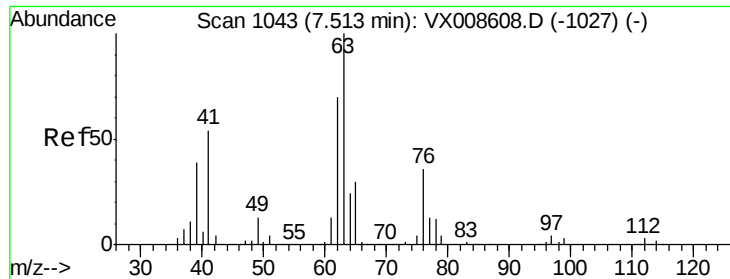
95 101.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

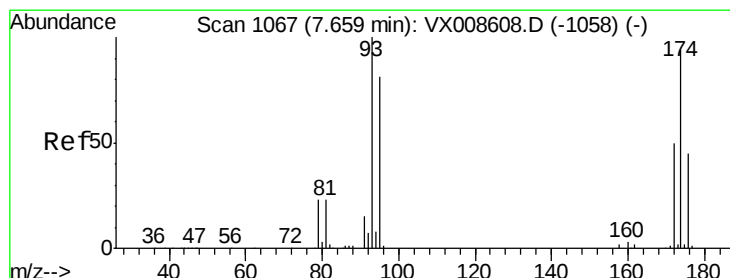
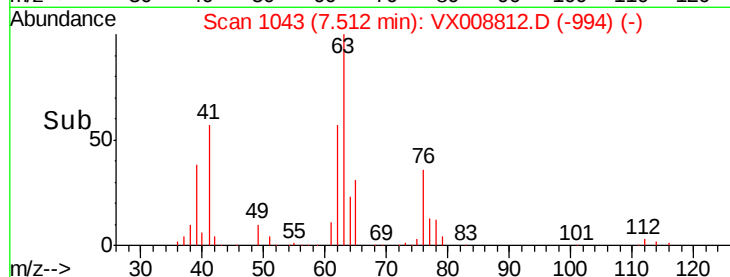
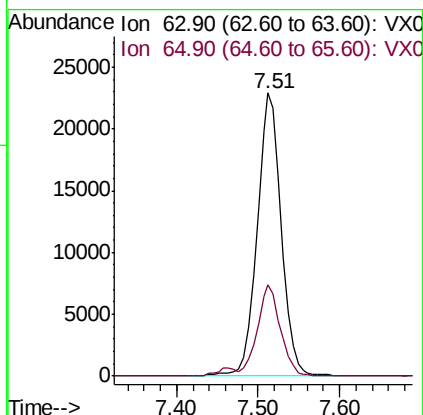
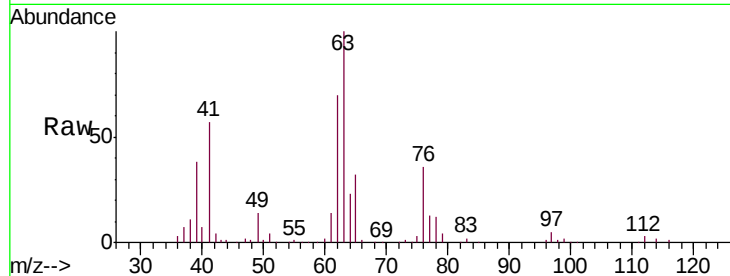




#45
 1,2-Dichloropropane
 Concen: 17.796 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

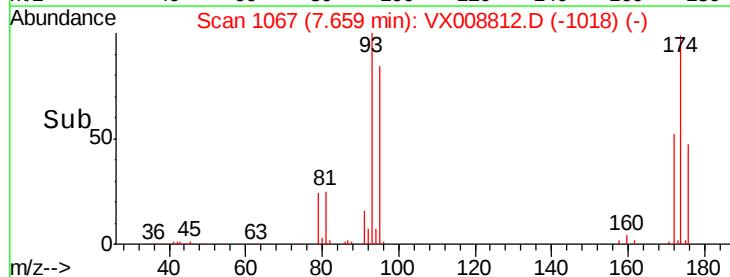
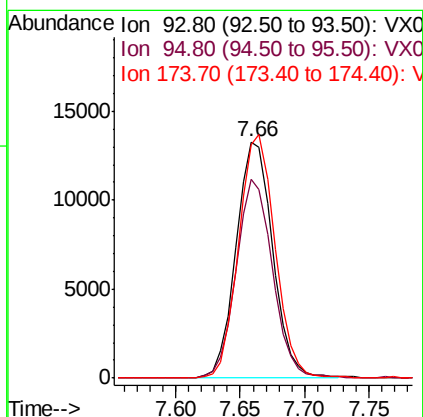
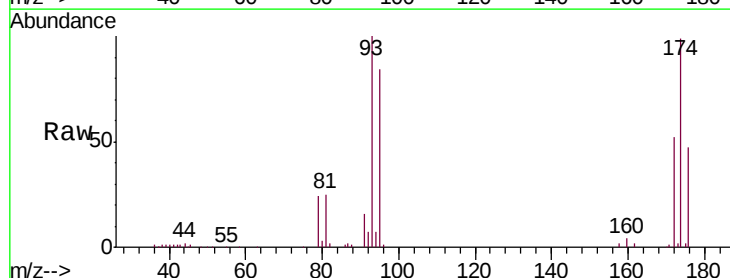
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

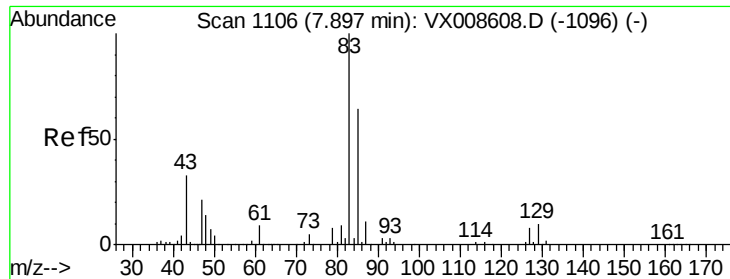
Tgt Ion: 63 Resp: 47421
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.2 36.4



#46
 Dibromomethane
 Concen: 16.948 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 93 Resp: 26193
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 102.2 77.7 116.5





#47

Bromodichloromethane

Concen: 17.915 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

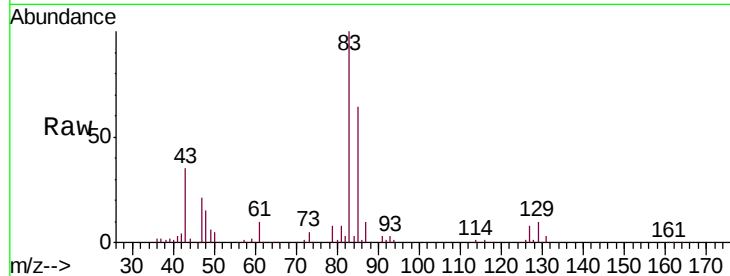
Tgt Ion: 83 Resp: 52206

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

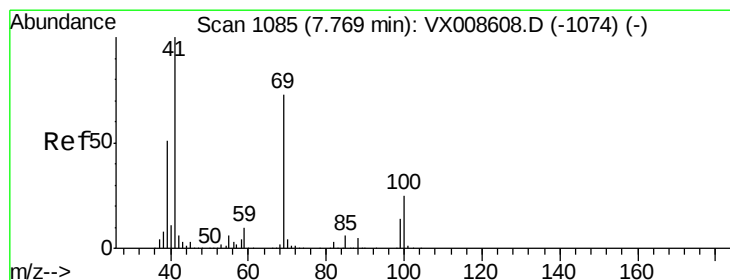
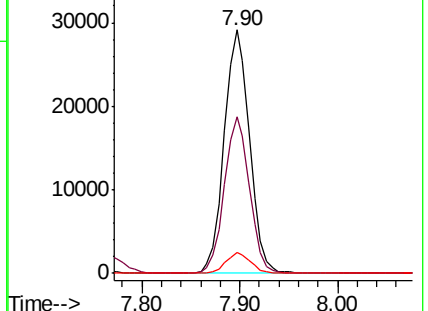
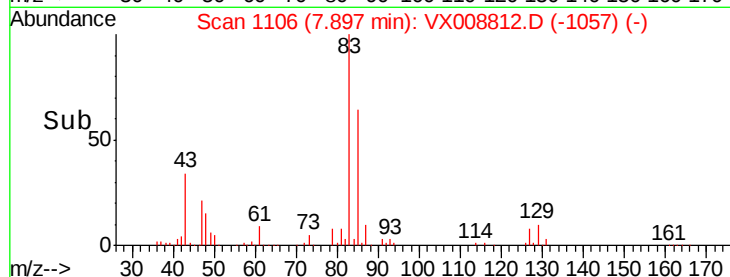
127 8.3 6.6 10.0



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: 18.107 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

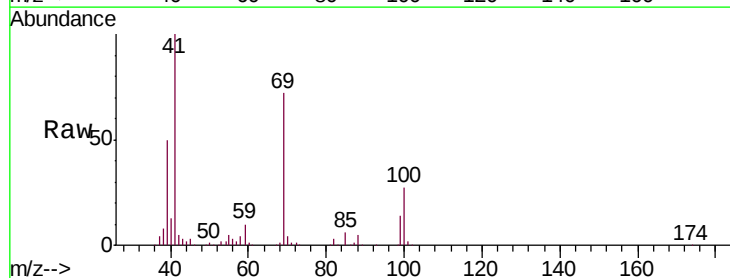
Tgt Ion: 41 Resp: 60019

Ion Ratio Lower Upper

41 100

69 73.1 59.0 88.4

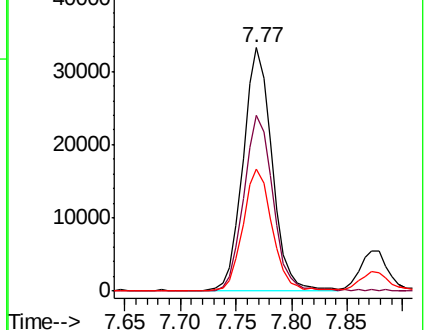
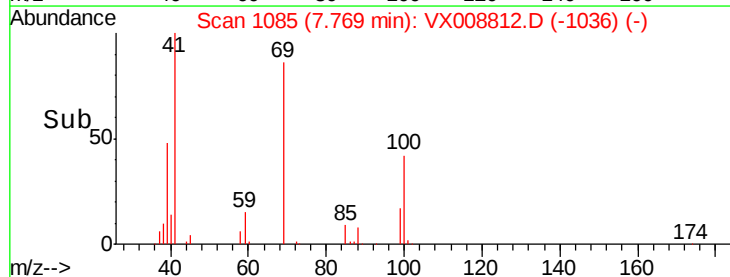
39 51.0 41.0 61.4

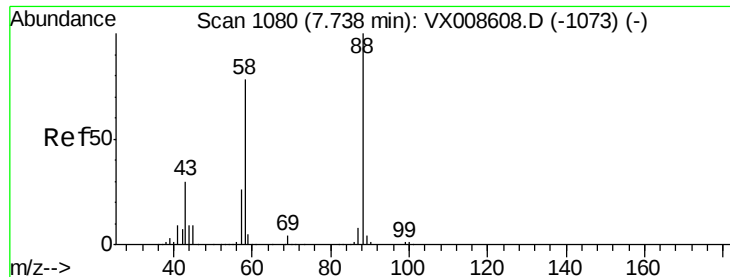


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

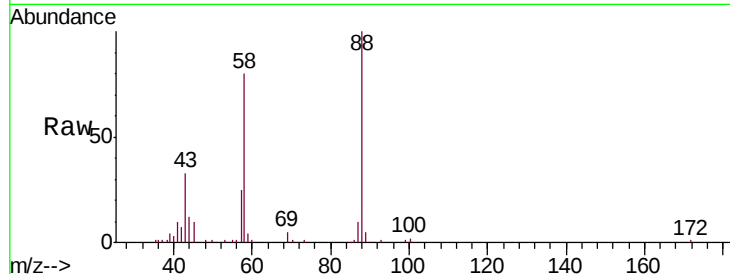




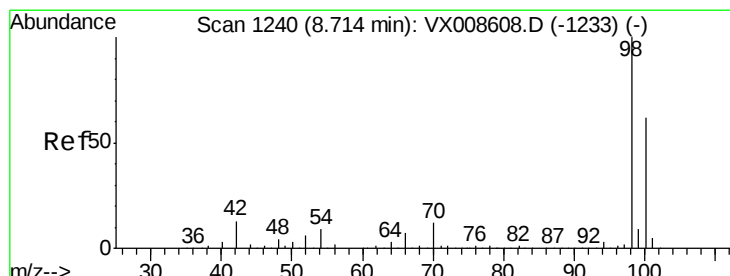
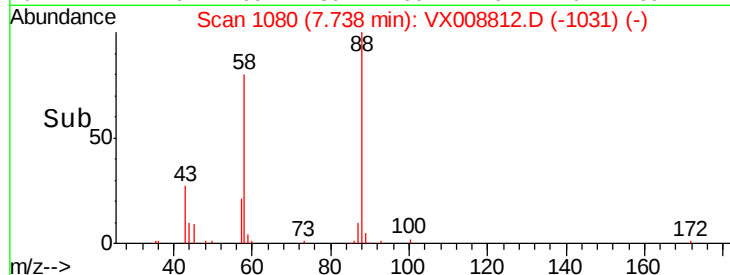
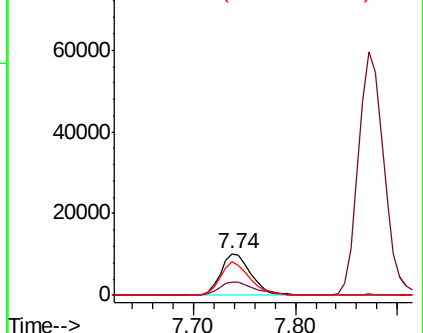
#49
 1,4-Dioxane
 Concen: 336.346 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tgt Ion: 88 Resp: 20885
 Ion Ratio Lower Upper
 88 100
 43 38.8 28.6 43.0
 58 80.5 62.2 93.2

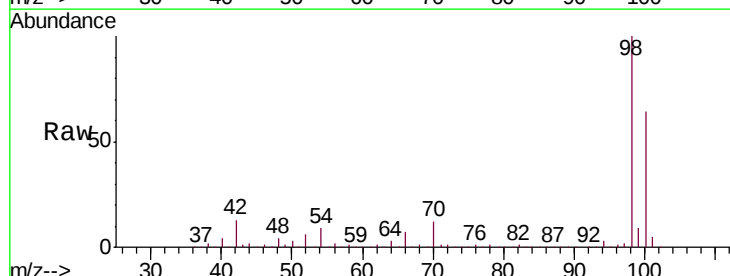


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

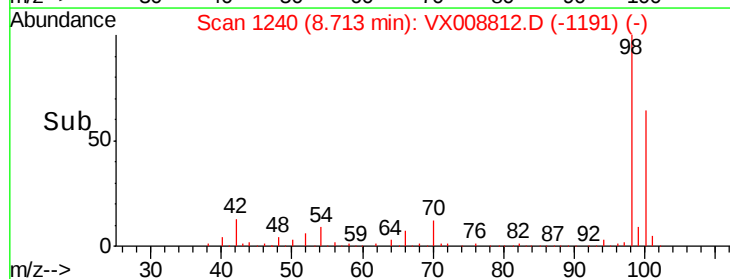
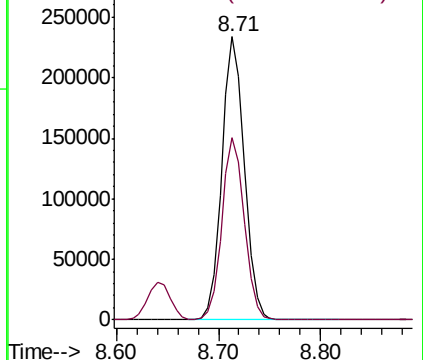


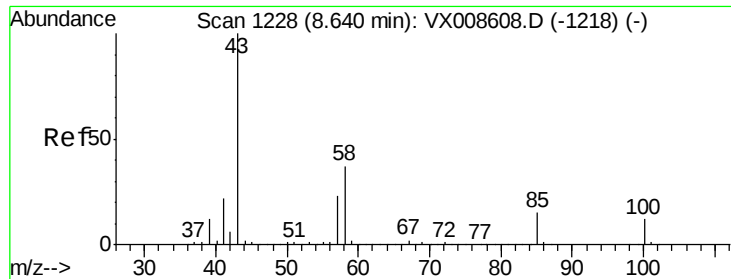
#50
 Toluene-d8
 Concen: 49.078 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 98 Resp: 358197
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

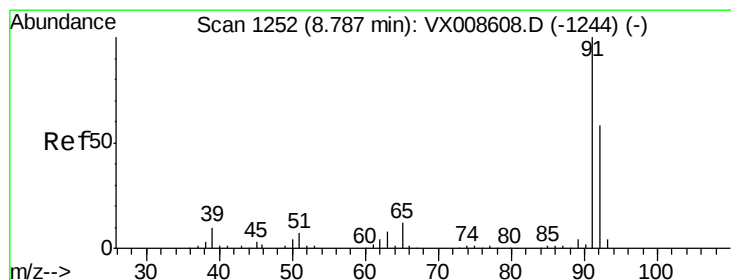
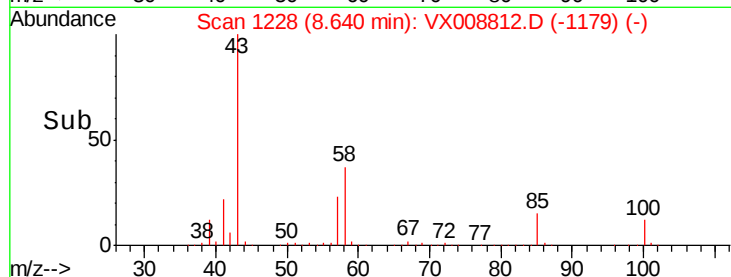
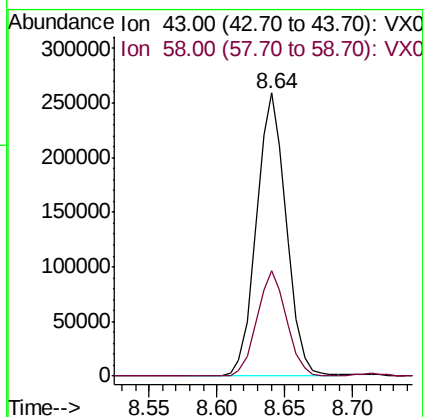
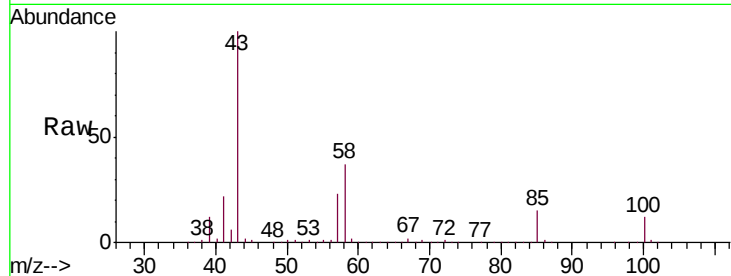




#51
 4-Methyl-2-Pentanone
 Concen: 94.364 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

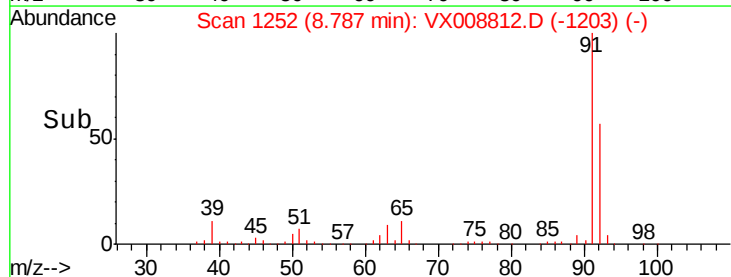
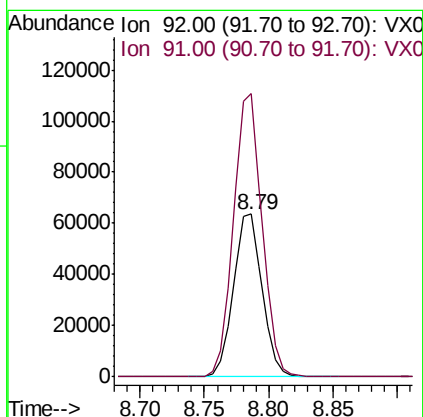
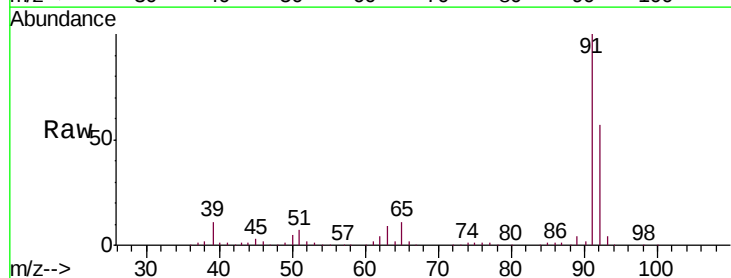
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

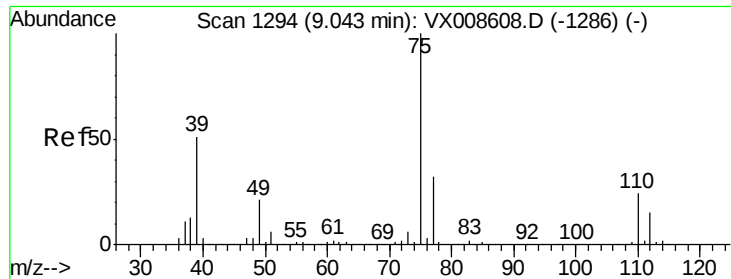
Tgt Ion: 43 Resp: 398052
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.5 44.3



#52
 Toluene
 Concen: 17.890 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 92 Resp: 98468
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.5 207.7

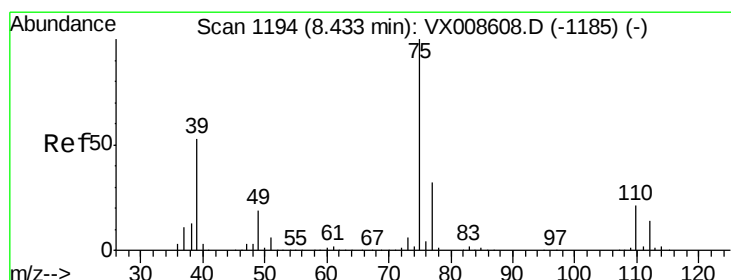
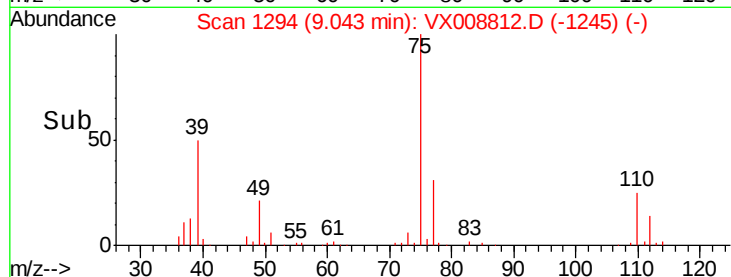
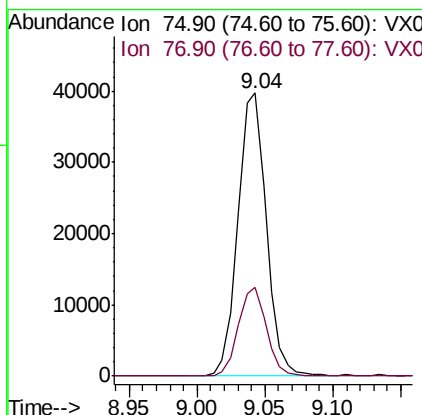
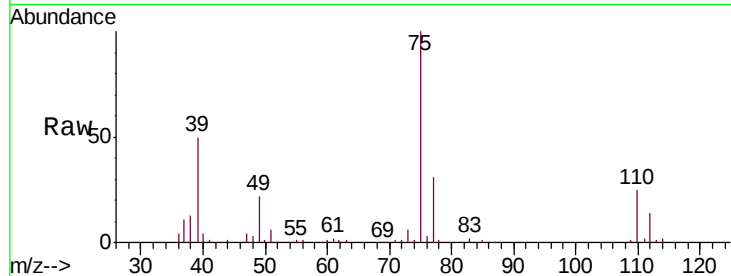




#53
 t-1,3-Dichloropropene
 Concen: 17.721 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

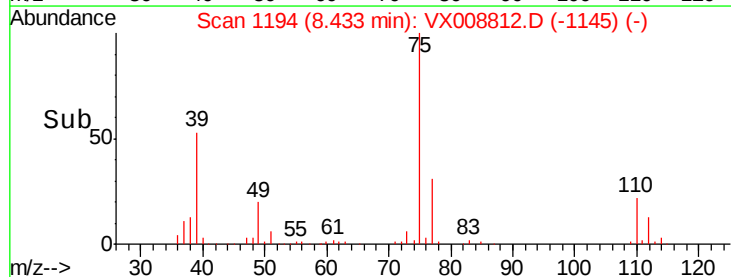
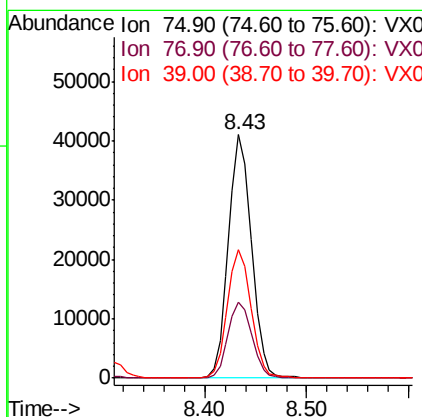
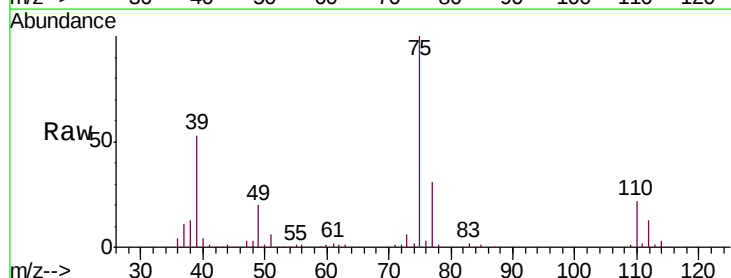
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

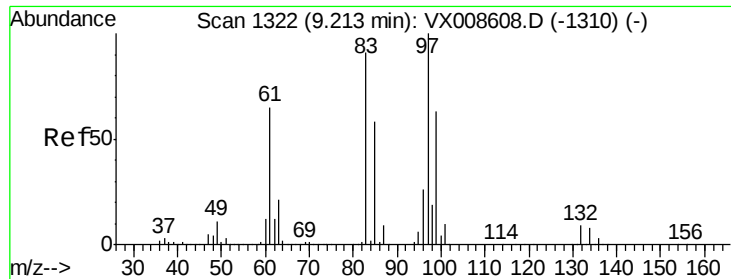
Tgt Ion: 75 Resp: 57847
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.256 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 75 Resp: 64364
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 52.7 42.6 63.8

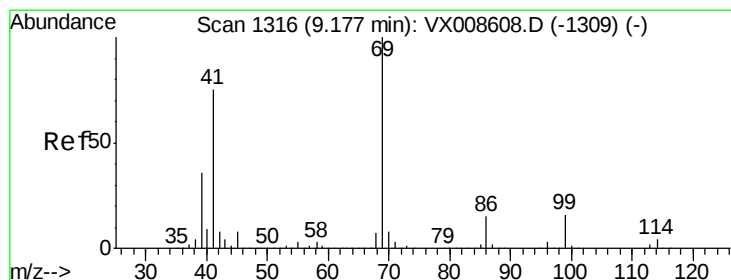
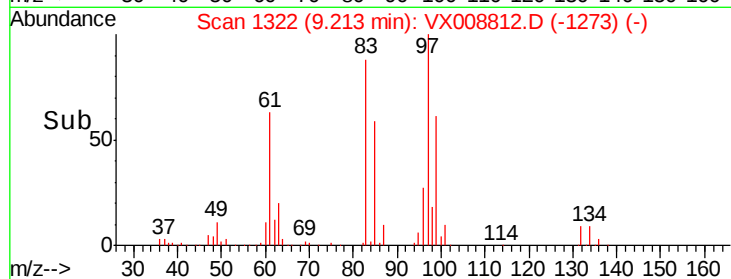
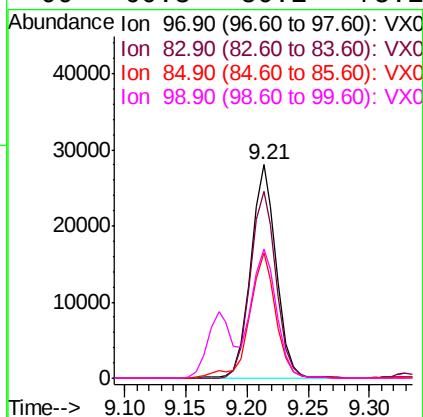
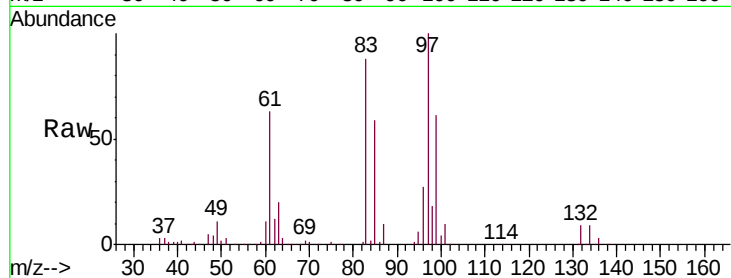




#55
 1,1,2-Trichloroethane
 Concen: 18.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

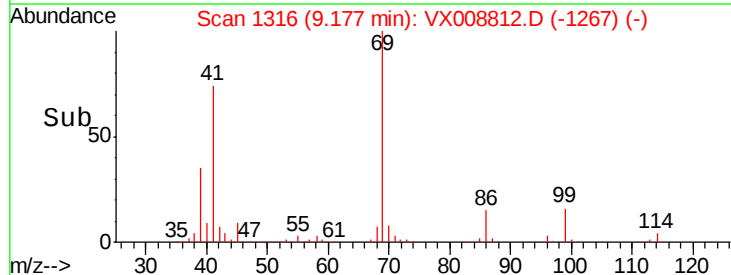
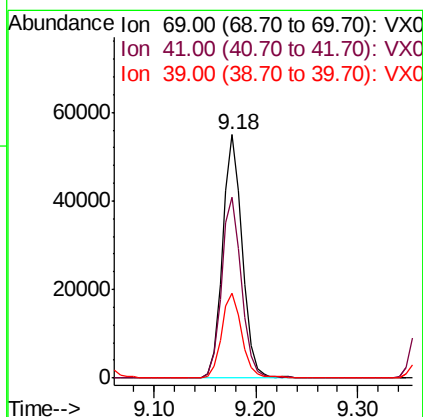
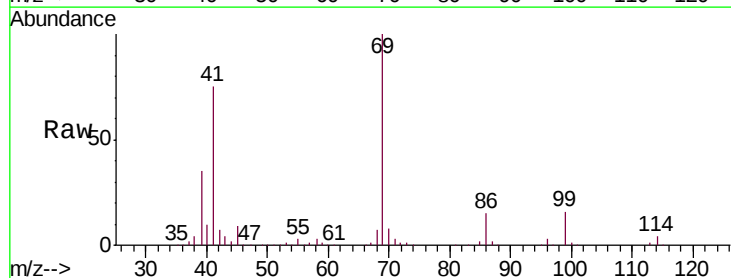
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

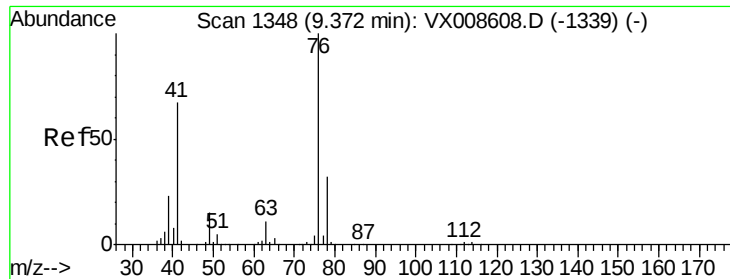
Tgt Ion:	97	Resp:	40726
Ion	Ratio	Lower	Upper
97	100		
83	87.7	73.2	109.8
85	58.9	46.6	69.8
99	60.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.459 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:	69	Resp:	73791
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.1	90.1
39	35.4	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.100 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

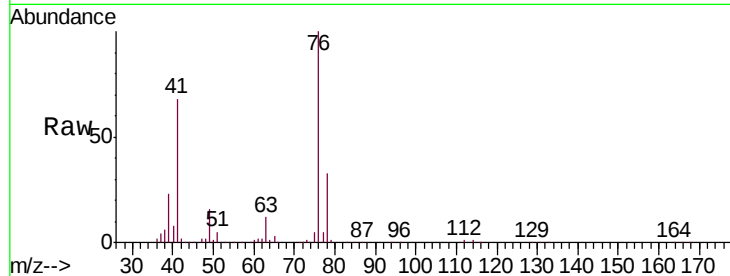
VX0410WBSD01

Tgt Ion: 76 Resp: 71808

Ion Ratio Lower Upper

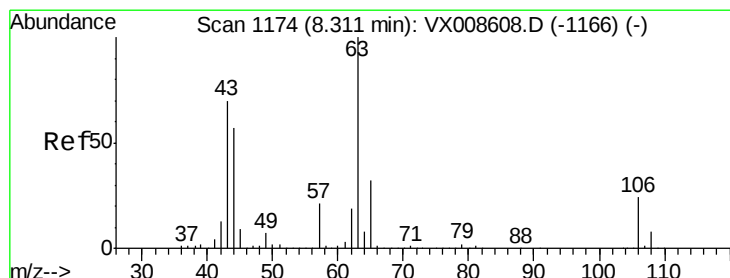
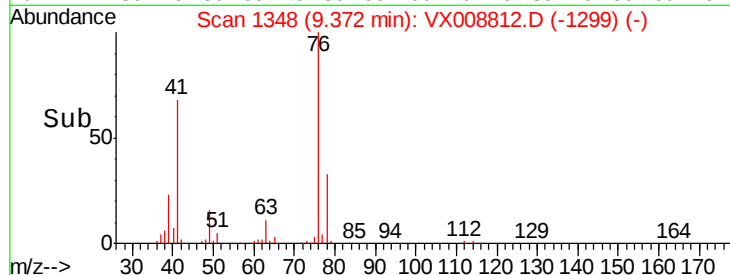
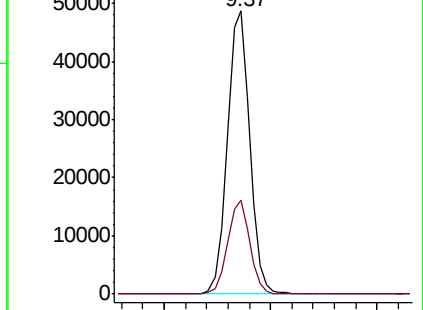
76 100

78 32.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.608 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008812.D

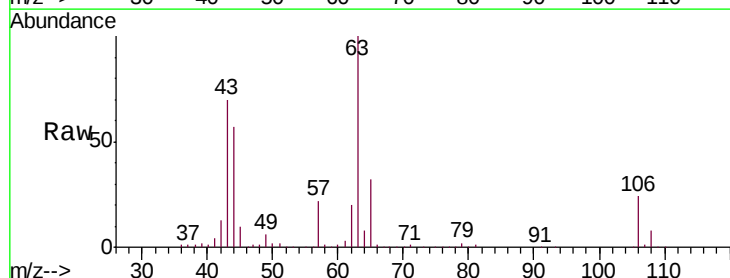
Acq: 10 Apr 2019 17:52

Tgt Ion: 63 Resp: 205361

Ion Ratio Lower Upper

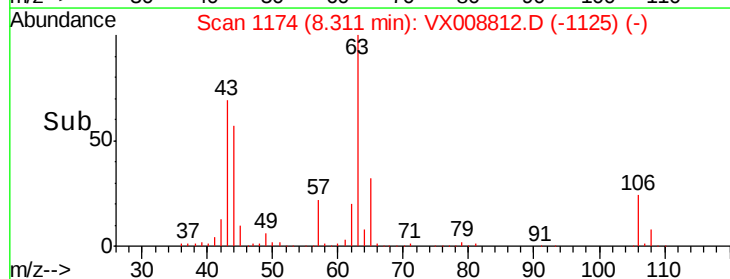
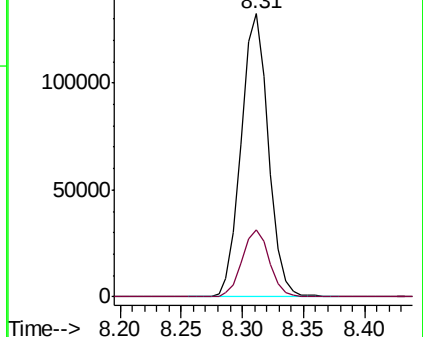
63 100

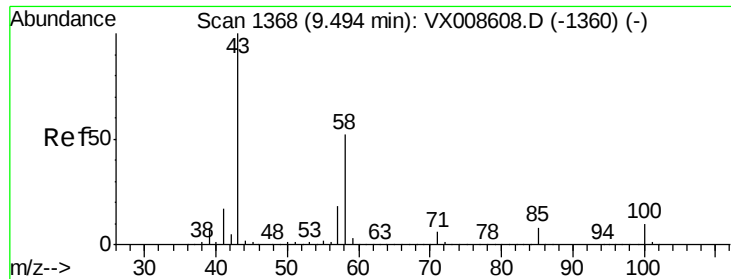
106 23.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

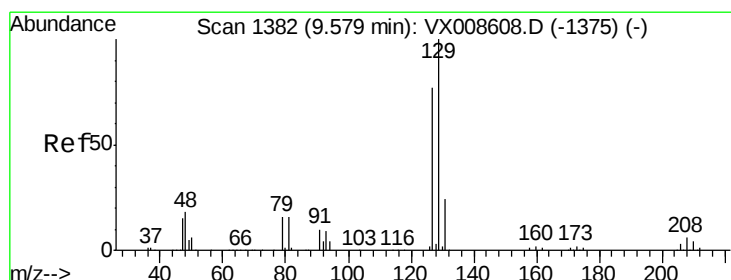
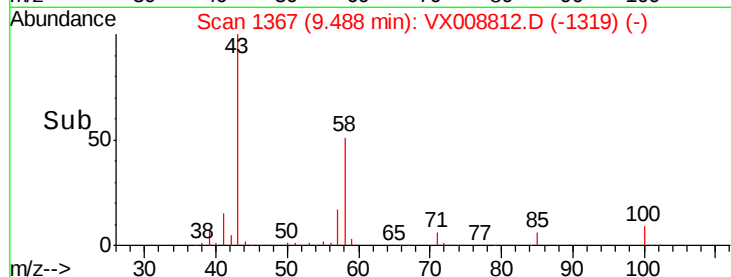
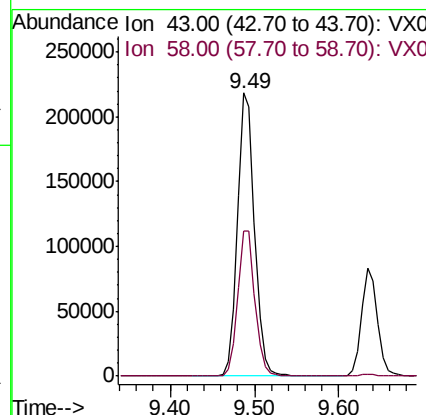
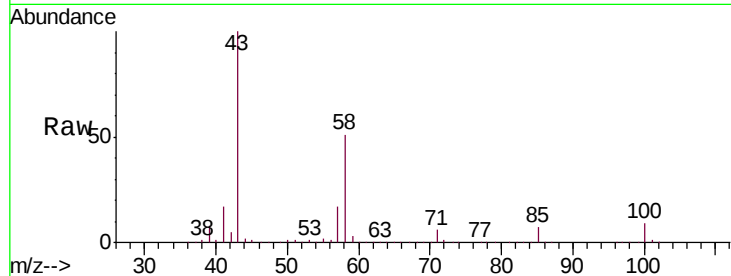




#59
2-Hexanone
Concen: 91.559 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

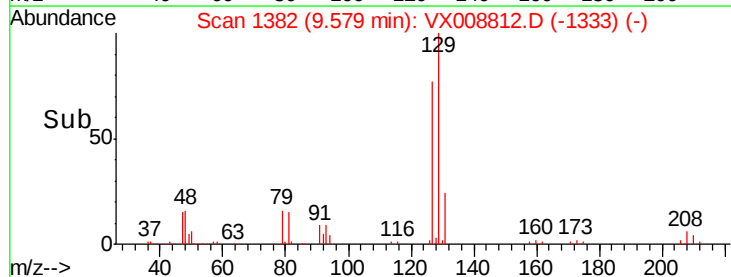
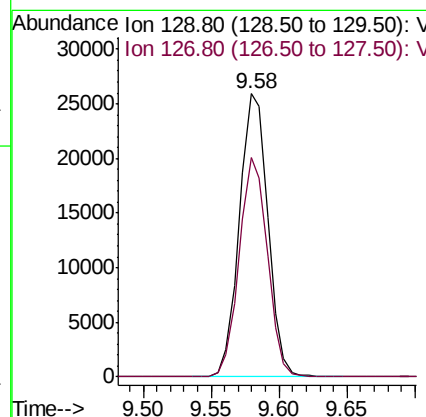
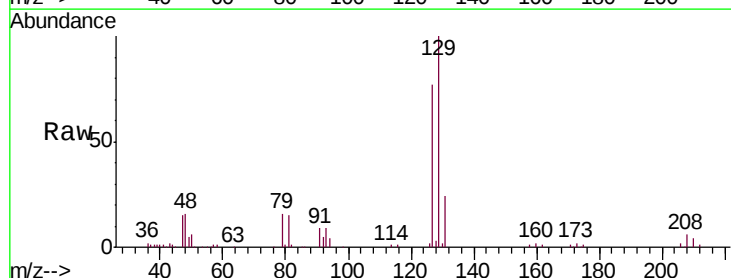
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

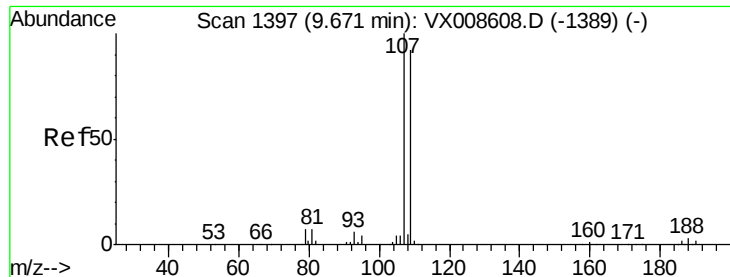
Tgt Ion: 43 Resp: 300147
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 18.188 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 129 Resp: 37866
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.444 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

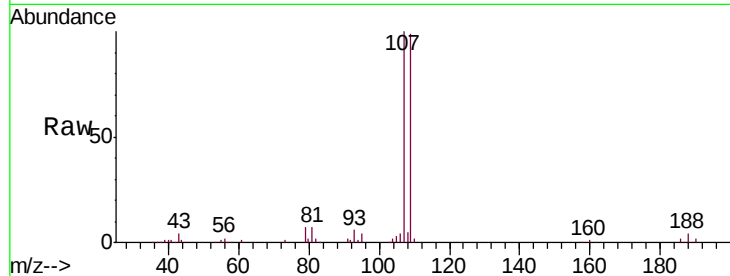
VX0410WBSD01

Tgt Ion: 107 Resp: 40122

Ion Ratio Lower Upper

107 100

109 96.8 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

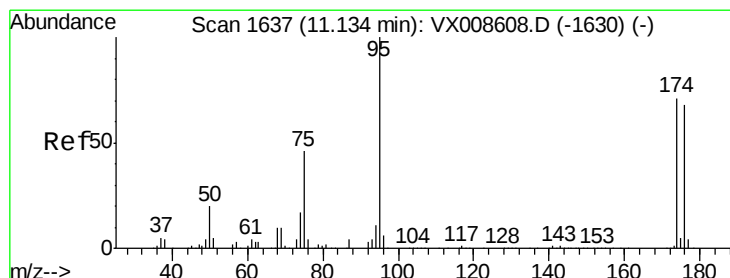
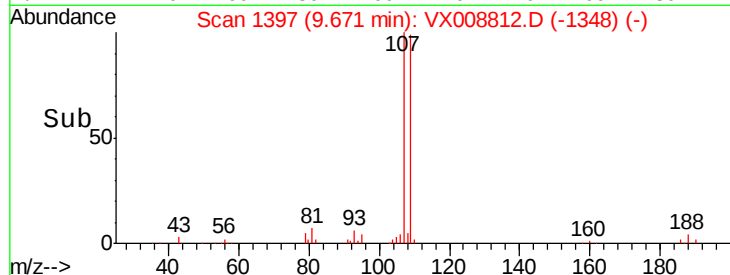
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.677 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

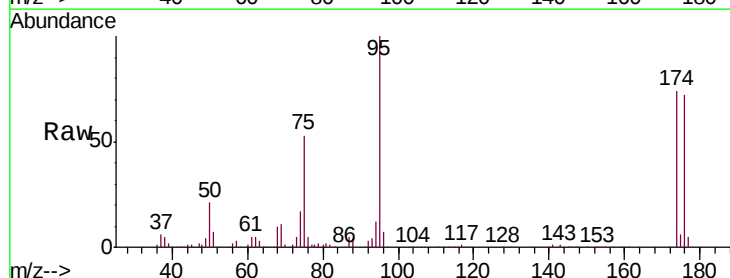
Tgt Ion: 95 Resp: 125986

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

176 76.5 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

11.13

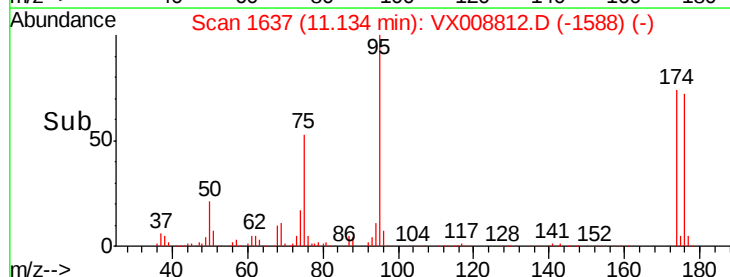
100000

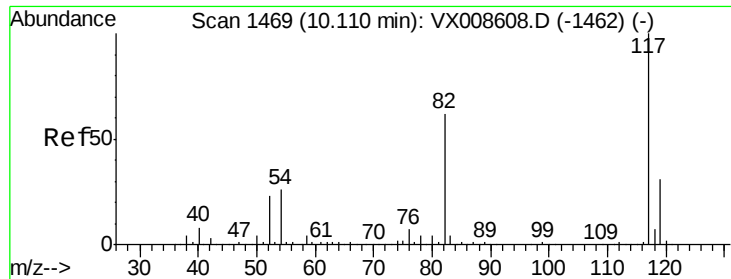
50000

0

Time-->

11.10 11.20

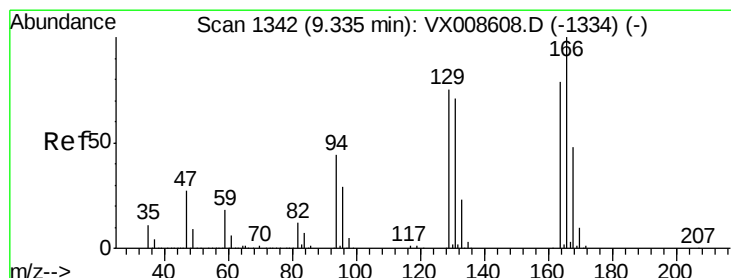
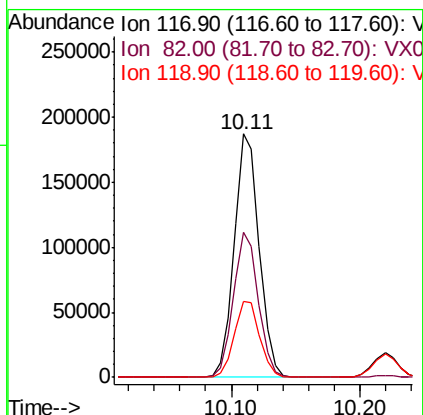
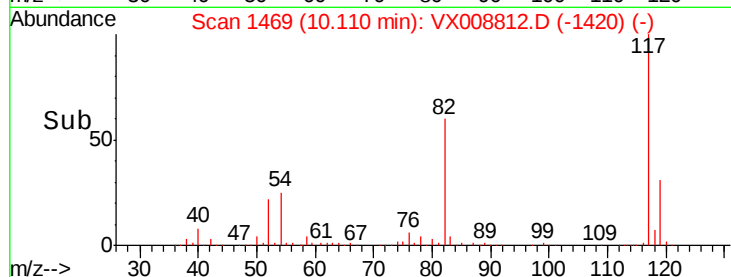
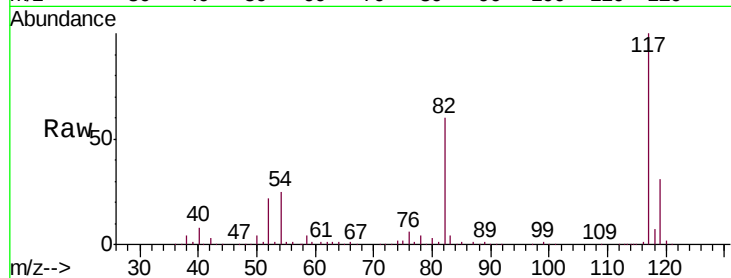




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

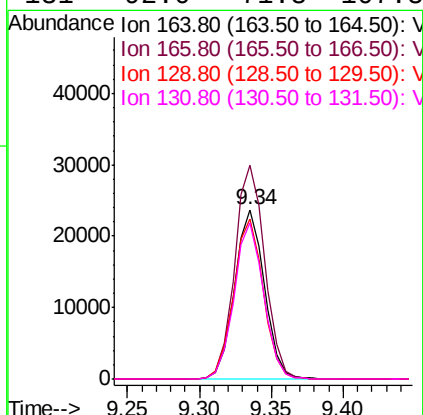
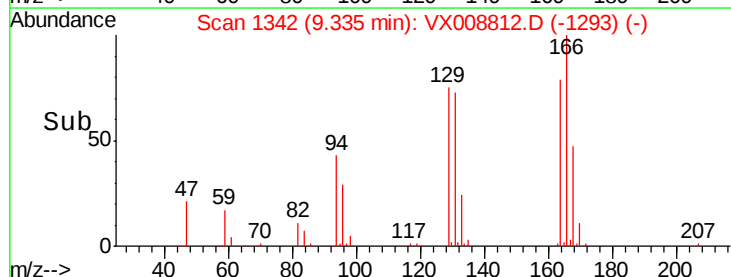
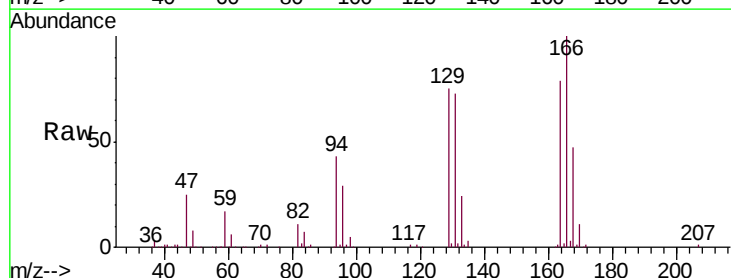
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

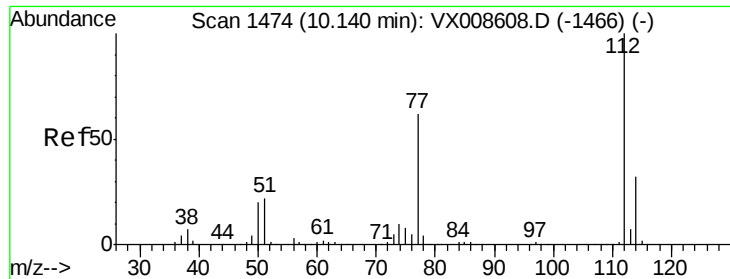
Tgt Ion:117 Resp: 252596
Ion Ratio Lower Upper
117 100
82 59.6 49.6 74.4
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 18.286 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion:164 Resp: 34221
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.6
129 94.0 75.8 113.8
131 92.0 71.8 107.8





#65

Chlorobenzene

Concen: 18.060 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

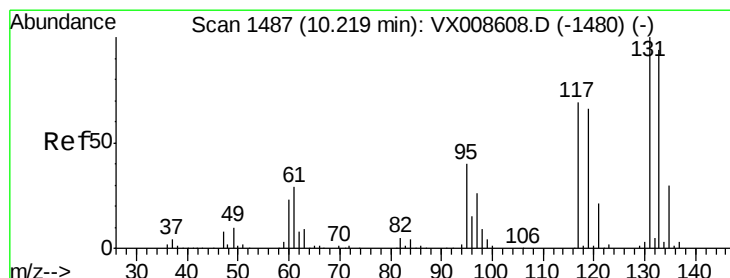
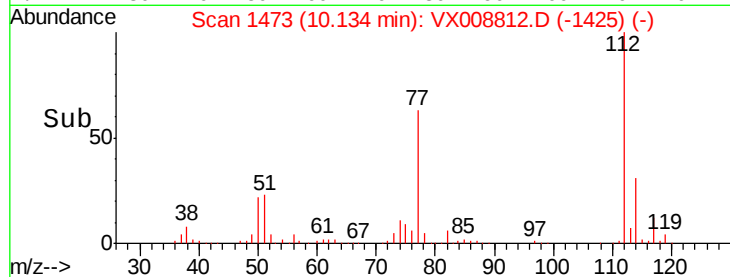
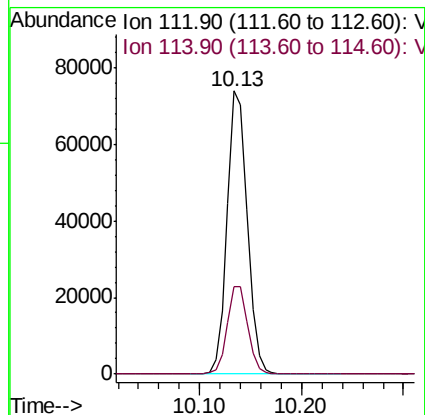
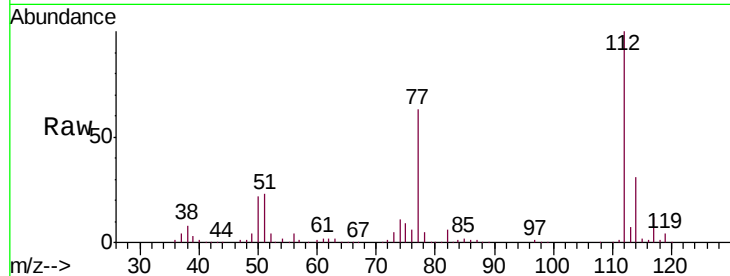
VX0410WBSD01

Tgt Ion:112 Resp: 101122

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 18.218 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

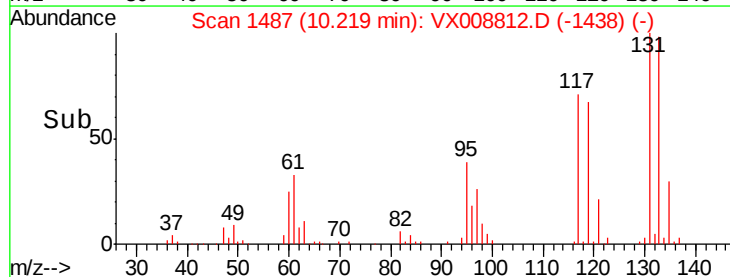
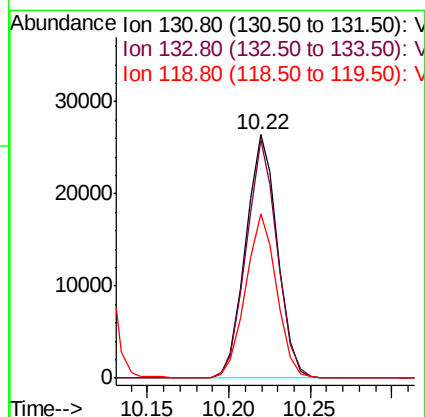
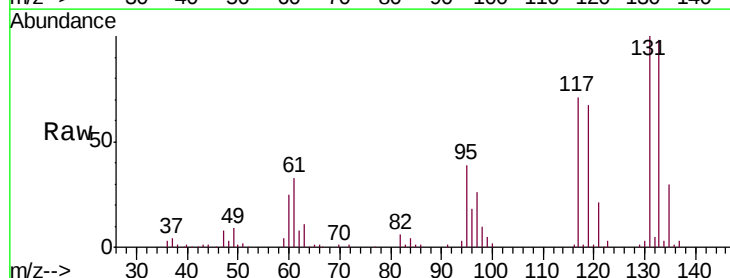
Tgt Ion:131 Resp: 35786

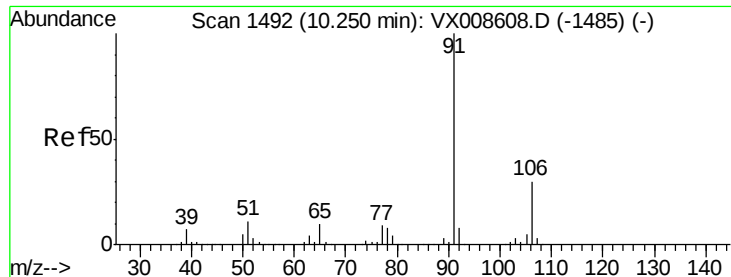
Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.2

119 66.2 33.7 101.0





#67

Ethyl Benzene

Concen: 17.610 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

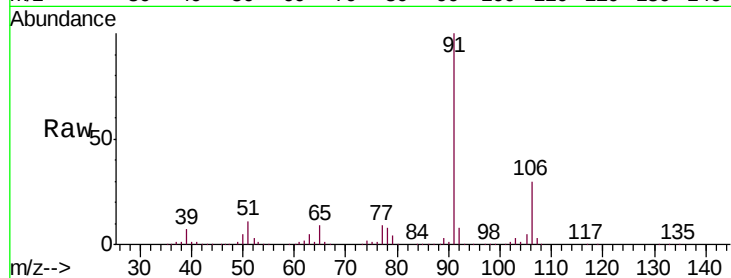
VX0410WBSD01

Tgt Ion: 91 Resp: 183866

Ion Ratio Lower Upper

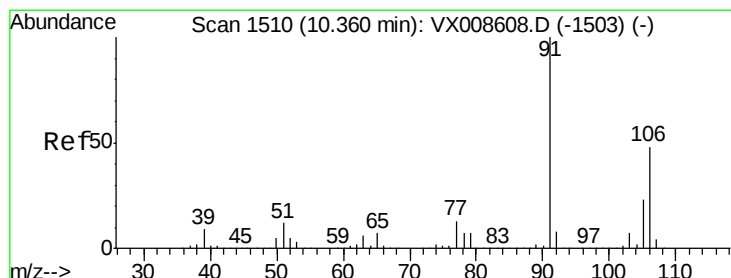
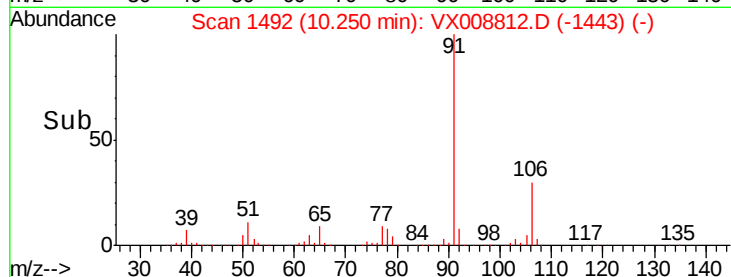
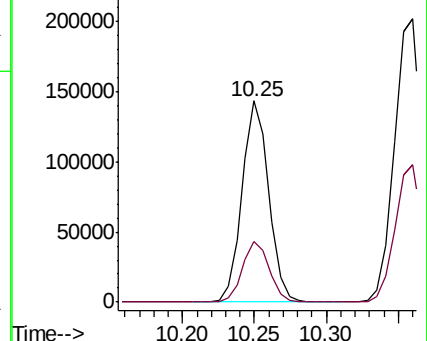
91 100

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: 35.309 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008812.D

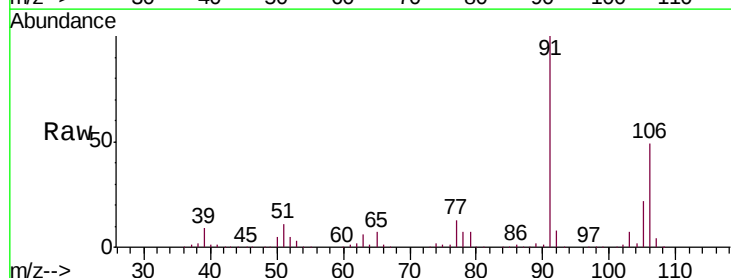
Acq: 10 Apr 2019 17:52

Tgt Ion: 106 Resp: 132550

Ion Ratio Lower Upper

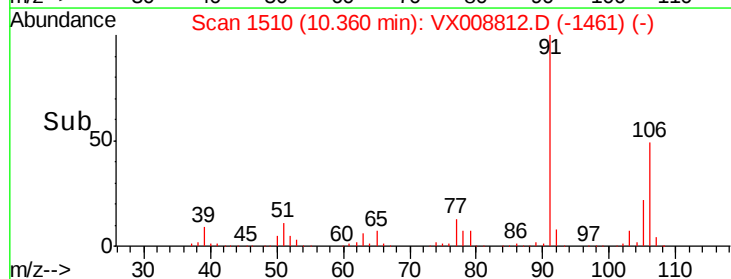
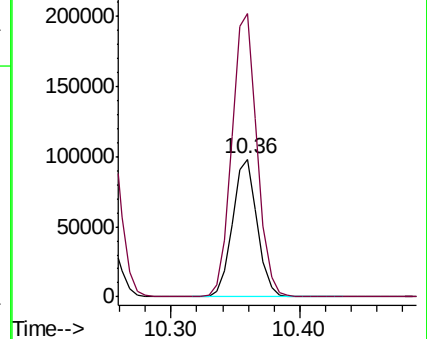
106 100

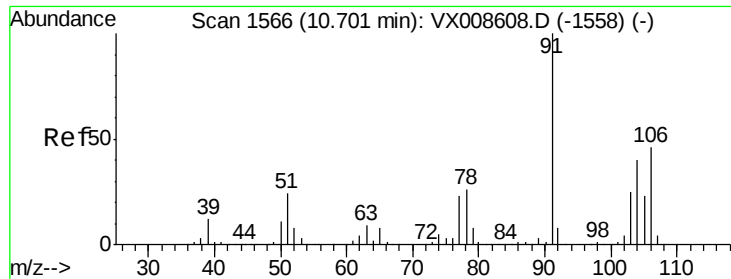
91 208.9 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

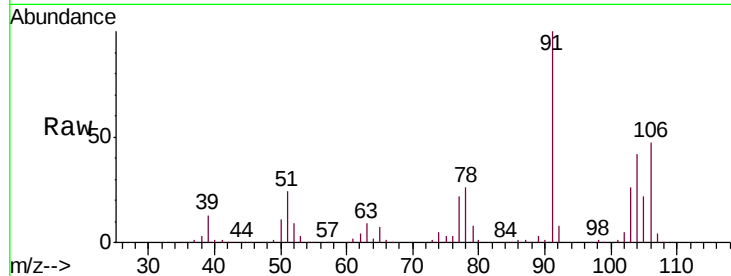




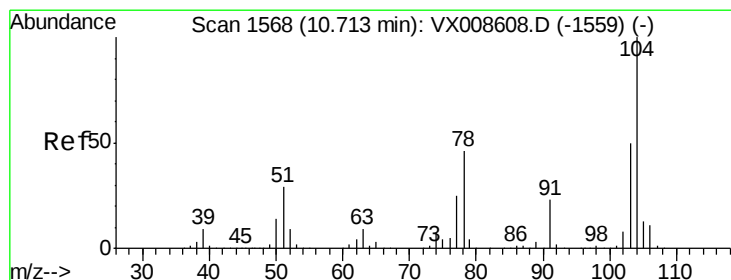
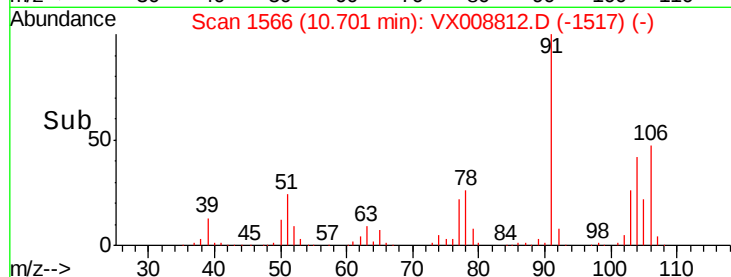
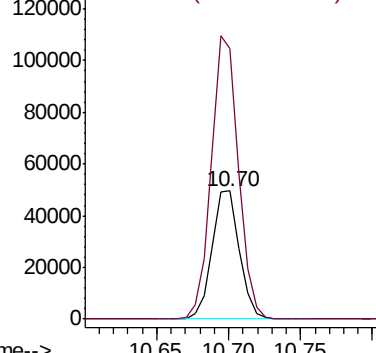
#69
o-Xylene
Concen: 17.924 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion:106 Resp: 65210
Ion Ratio Lower Upper
106 100
91 219.3 111.5 334.4

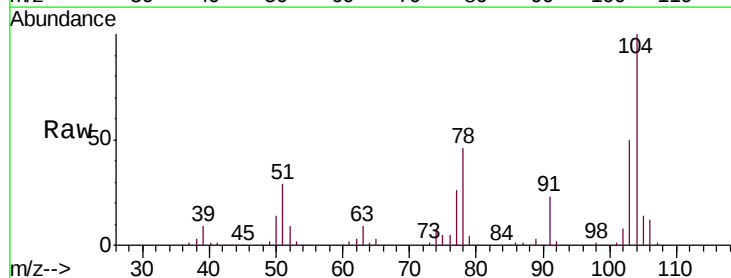


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

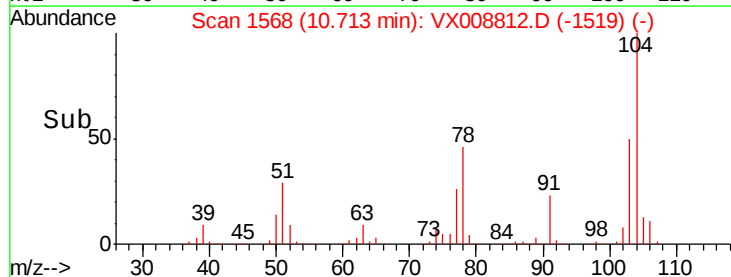
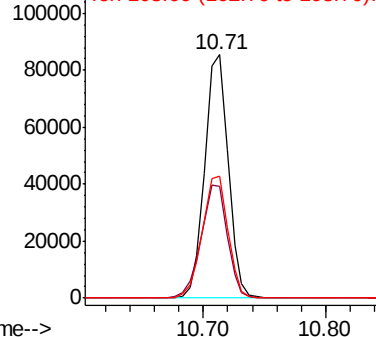


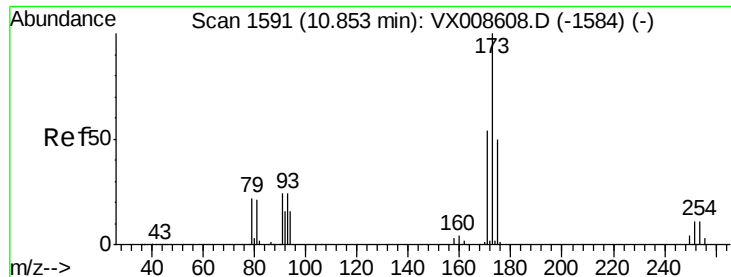
#70
Styrene
Concen: 17.986 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion:104 Resp: 112793
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 54.9 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: 18.410 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

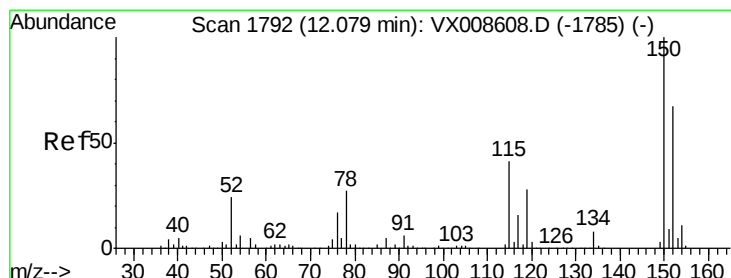
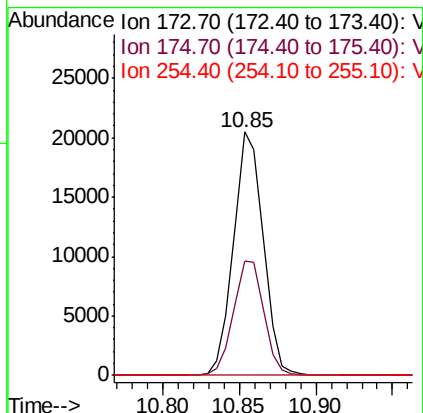
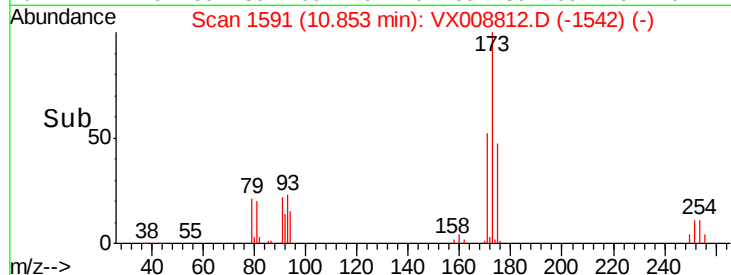
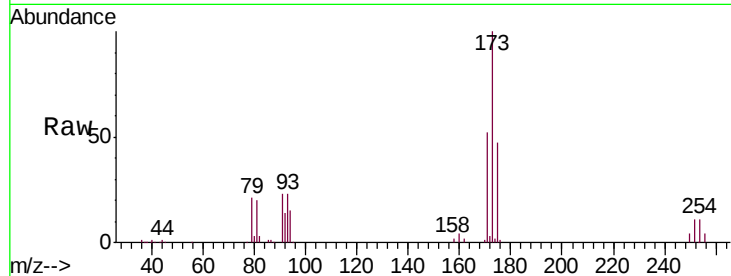
Tgt Ion:173 Resp: 27619

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

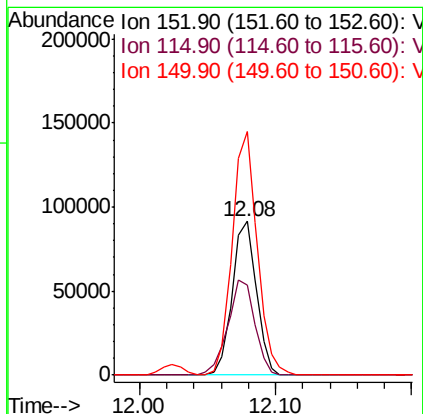
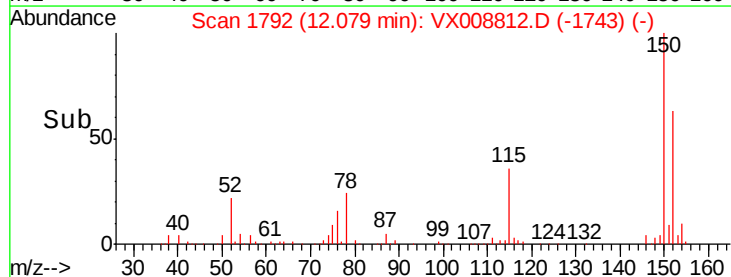
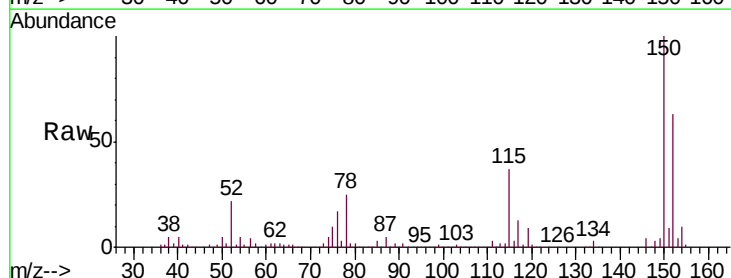
Tgt Ion:152 Resp: 113072

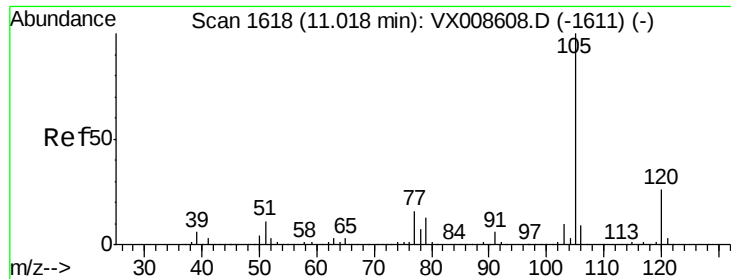
Ion Ratio Lower Upper

152 100

115 69.2 43.5 130.5

150 164.0 0.0 348.8





#73

Isopropylbenzene

Concen: 18.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

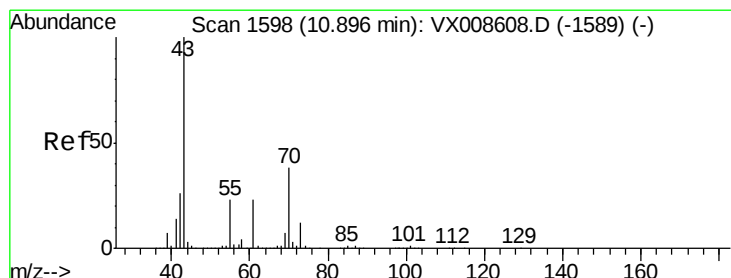
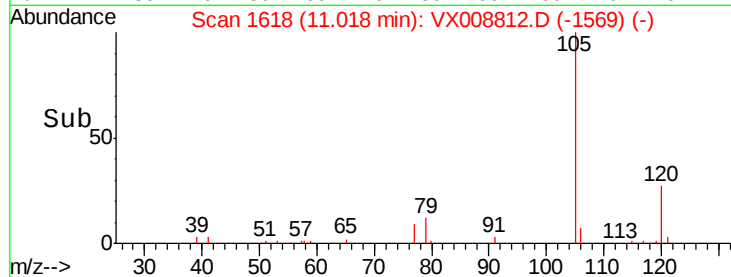
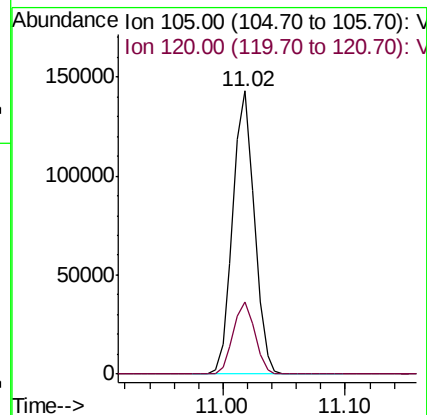
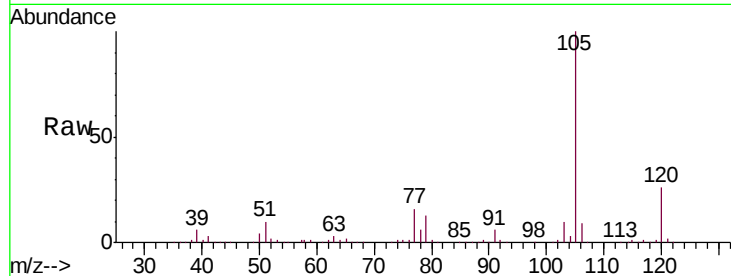
VX0410WBSD01

Tgt Ion: 105 Resp: 173733

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 18.415 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Tgt Ion: 43 Resp: 101526

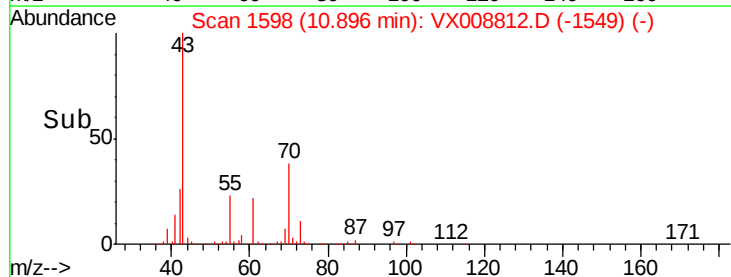
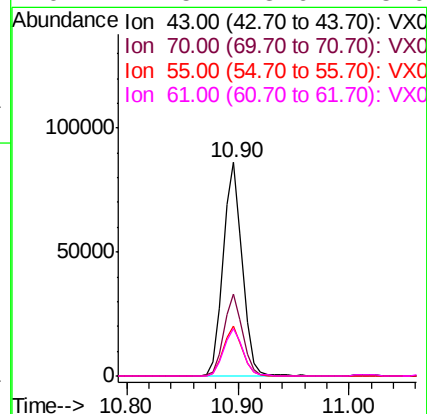
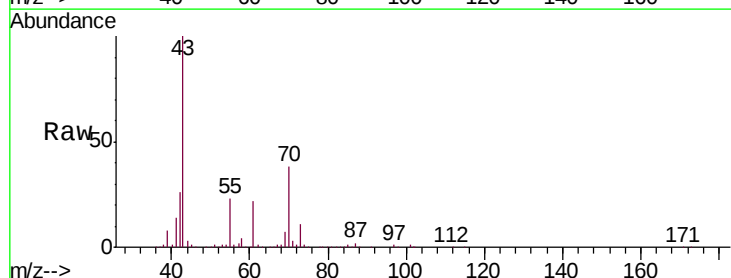
Ion Ratio Lower Upper

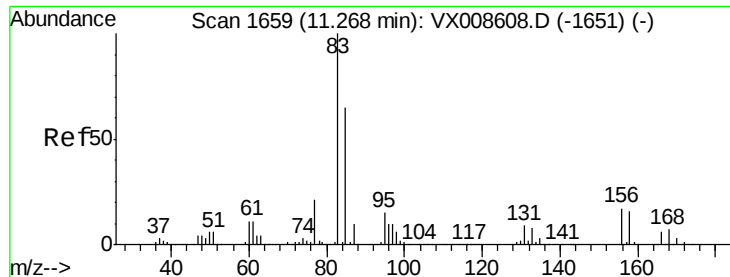
43 100

70 37.6 30.2 45.4

55 23.2 18.2 27.4

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.498 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

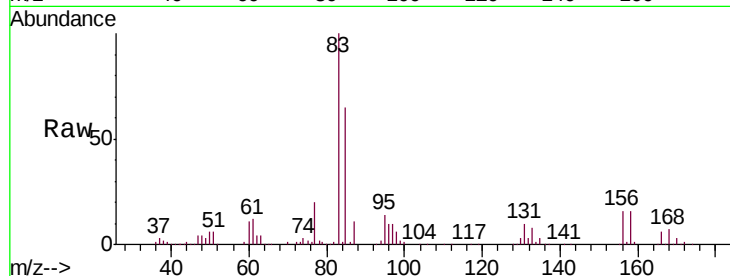
Tgt Ion: 83 Resp: 65923

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.7

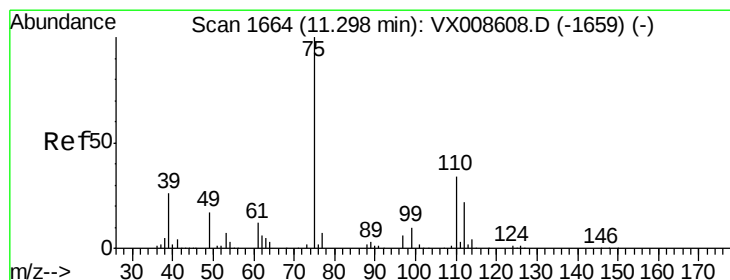
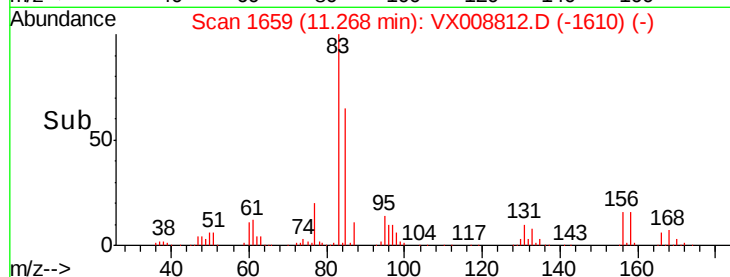
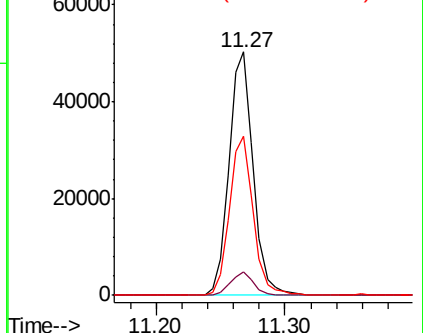
85 64.6 32.0 96.2



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: 24.274 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008812.D

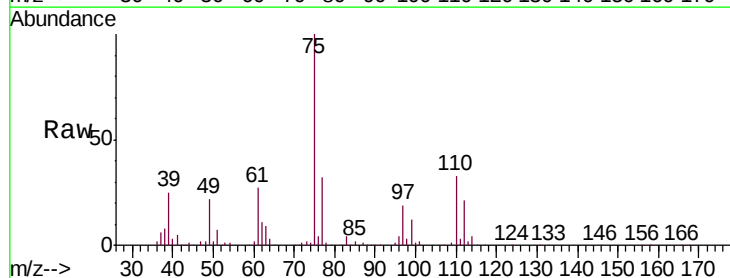
Acq: 10 Apr 2019 17:52

Tgt Ion: 75 Resp: 75400

Ion Ratio Lower Upper

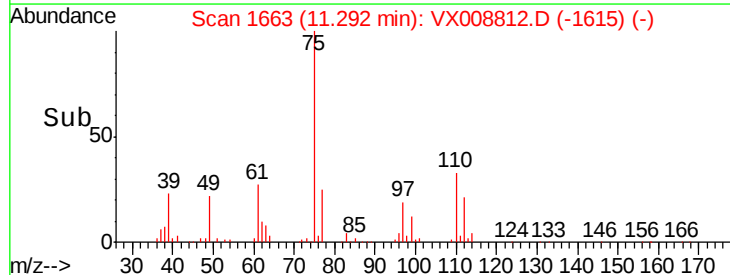
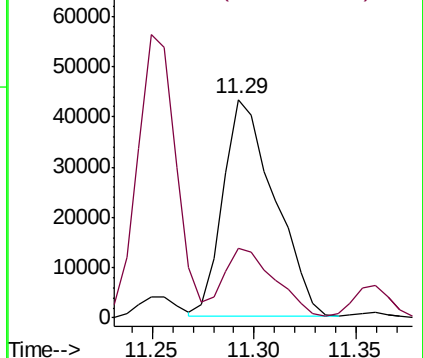
75 100

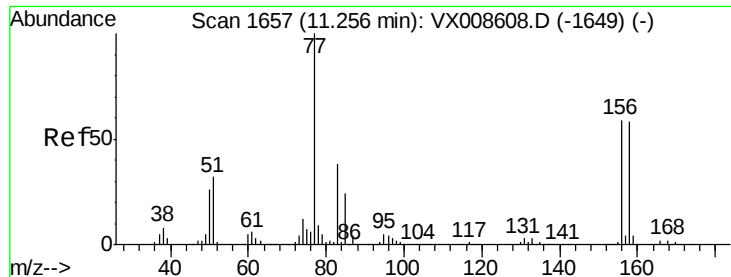
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.517 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

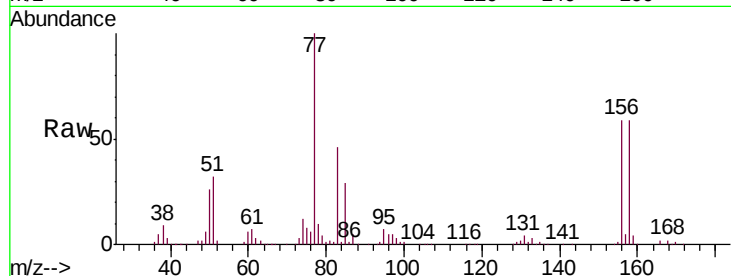
Tgt Ion:156 Resp: 41714

Ion Ratio Lower Upper

156 100

77 177.0 89.8 269.6

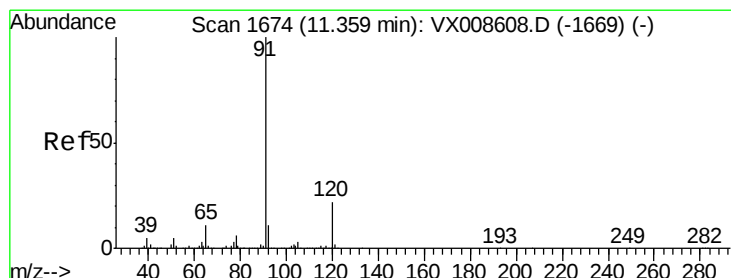
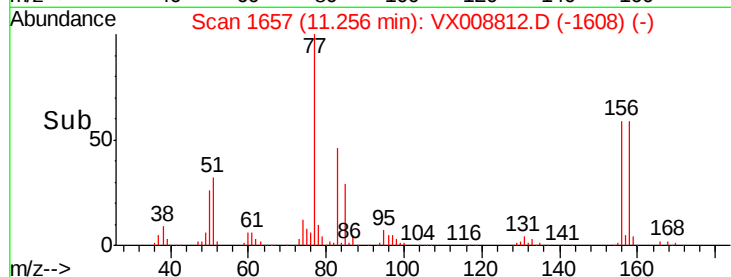
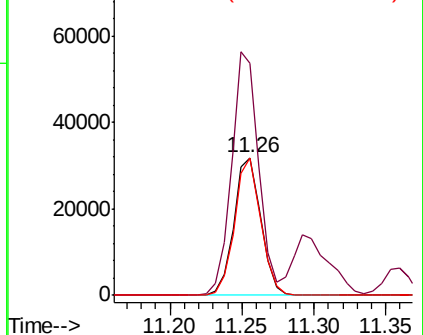
158 96.8 48.6 145.9



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: 18.019 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008812.D

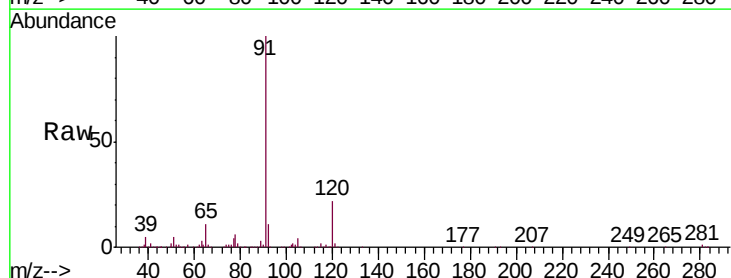
Acq: 10 Apr 2019 17:52

Tgt Ion: 91 Resp: 196598

Ion Ratio Lower Upper

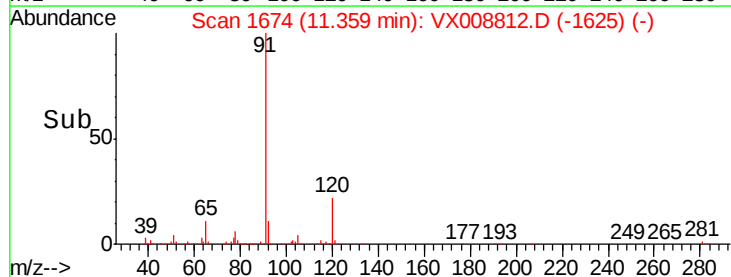
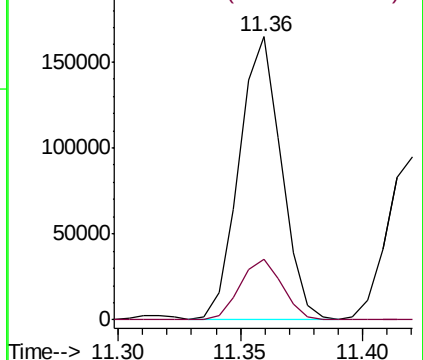
91 100

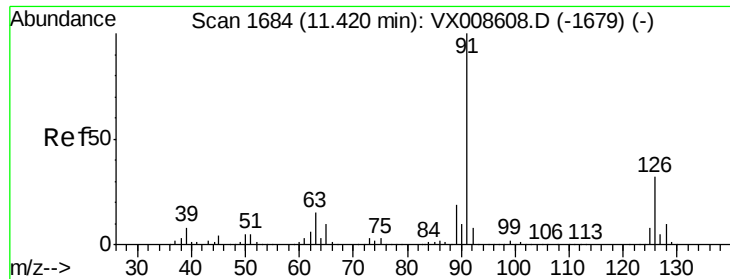
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

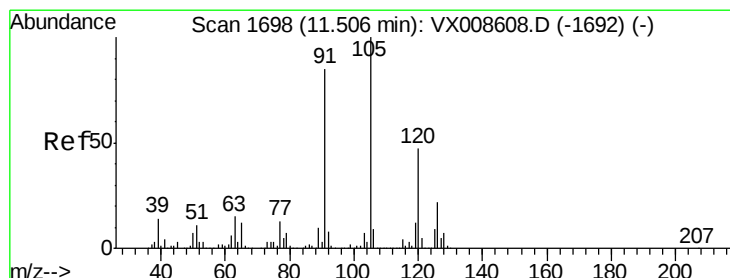
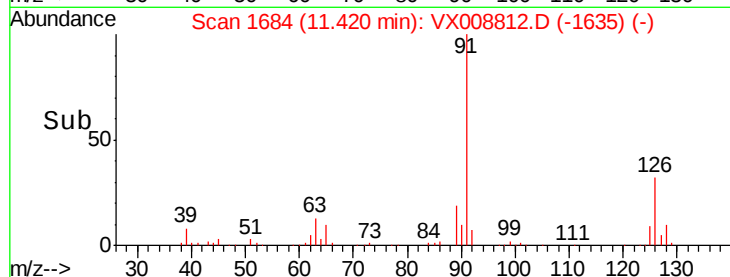
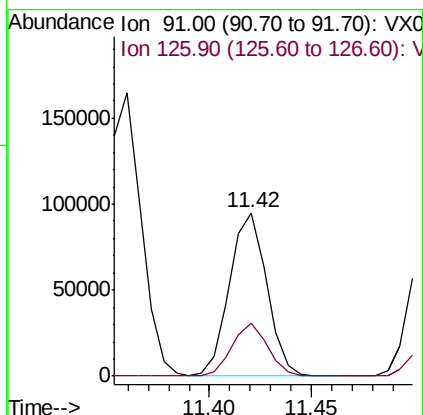
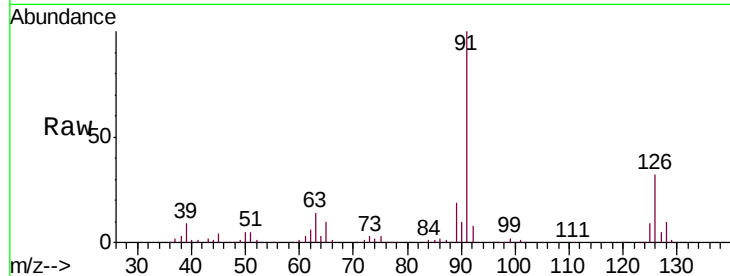




#79
 2-Chlorotoluene
 Concen: 18.116 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

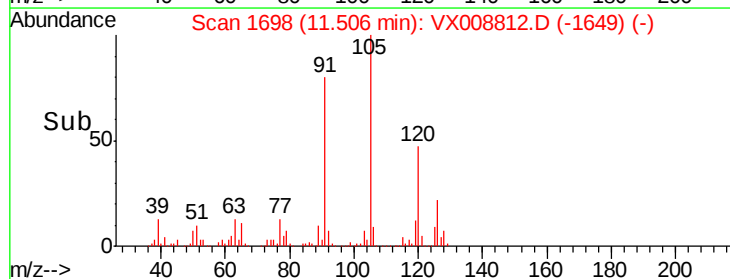
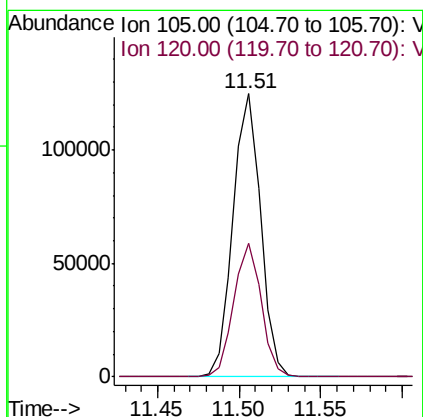
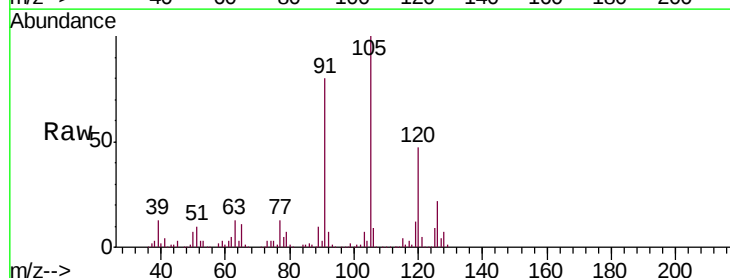
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

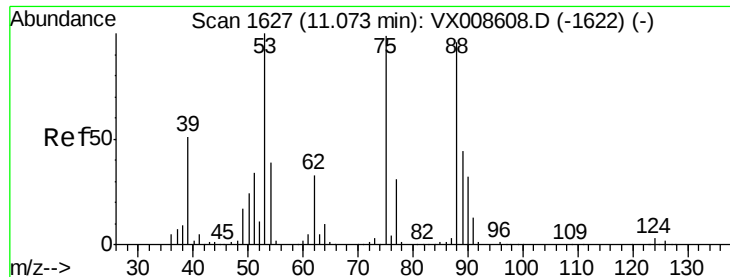
Tgt Ion: 91 Resp: 119616
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.714 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion: 105 Resp: 147200
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.742 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

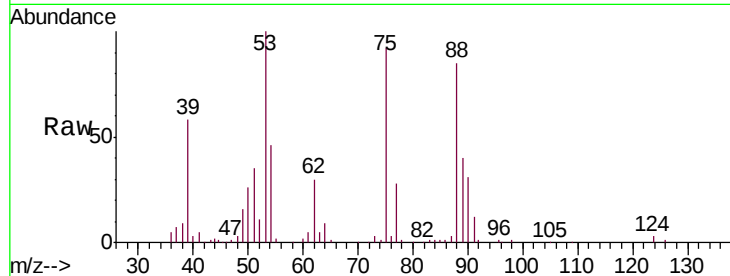
Tgt Ion: 75 Resp: 19992

Ion Ratio Lower Upper

75 100

53 111.1 81.3 121.9

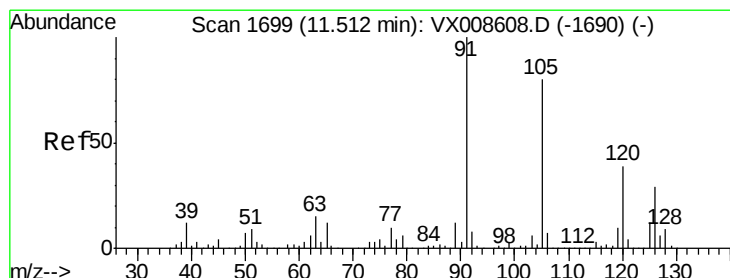
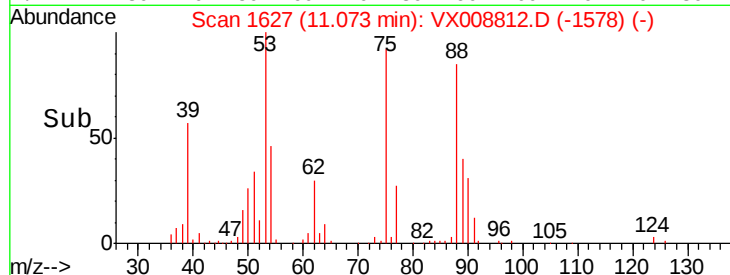
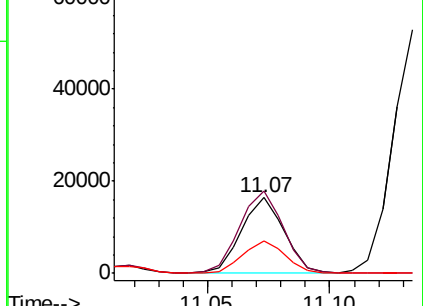
89 43.1 35.6 53.4



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: 17.544 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008812.D

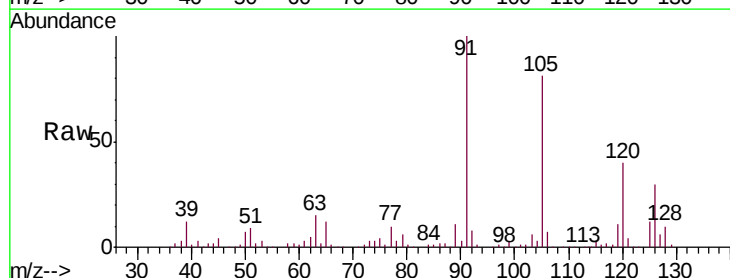
Acq: 10 Apr 2019 17:52

Tgt Ion: 91 Resp: 134090

Ion Ratio Lower Upper

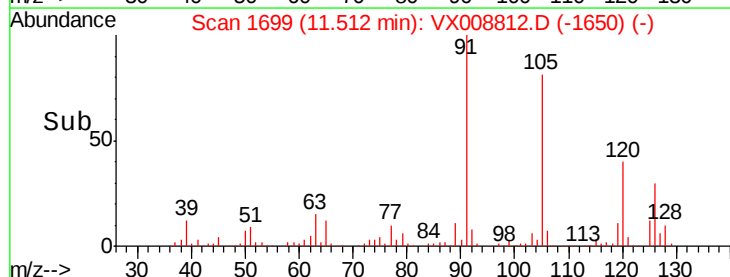
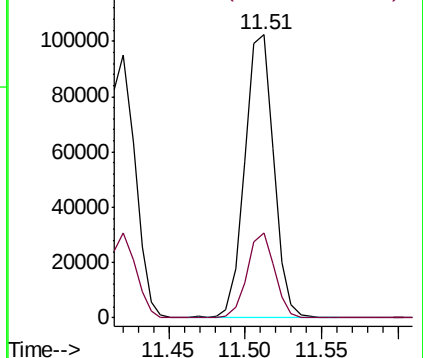
91 100

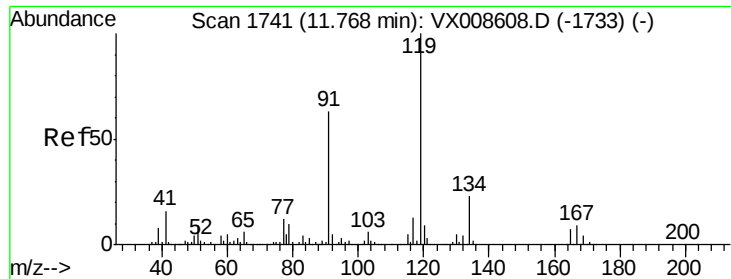
126 28.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

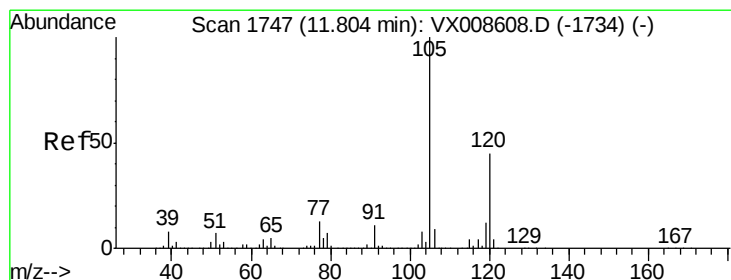
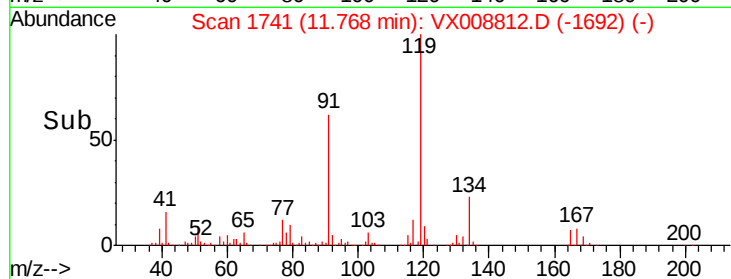
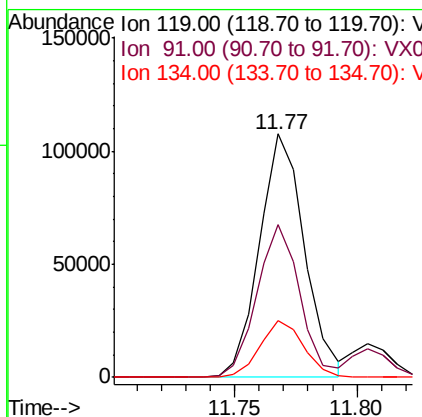
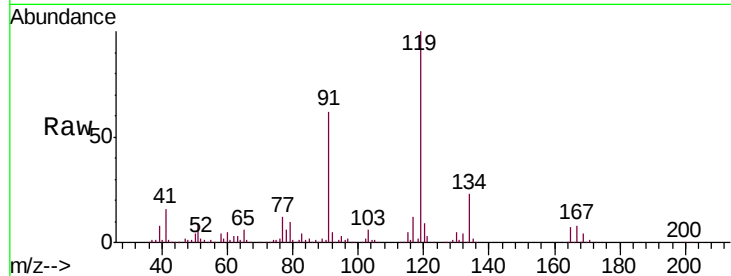




#83
 tert-Butylbenzene
 Concen: 18.324 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

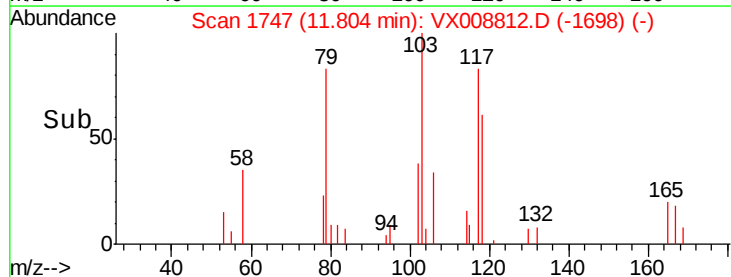
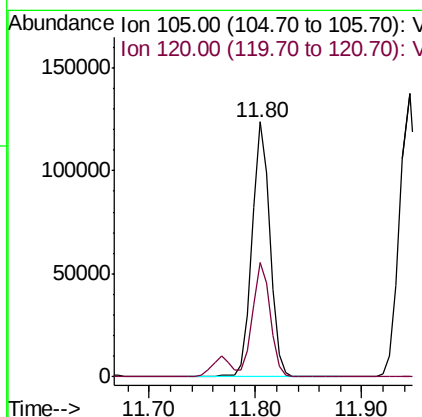
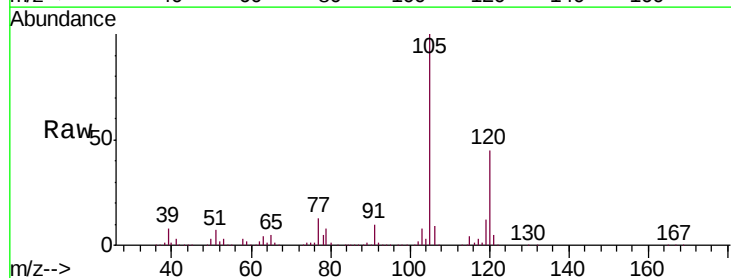
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

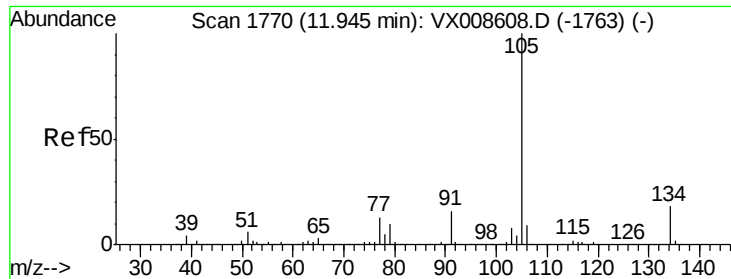
Tgt Ion:119 Resp: 138670
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.0 90.1
 134 22.6 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.420 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:105 Resp: 146707
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.8 65.3

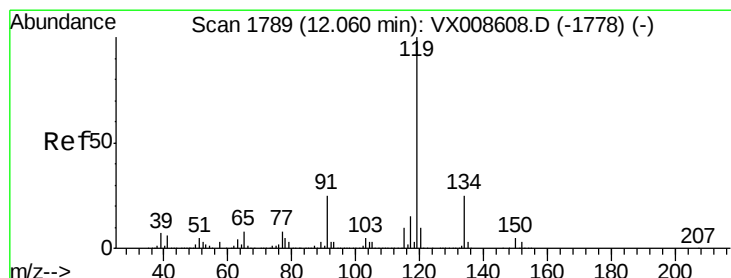
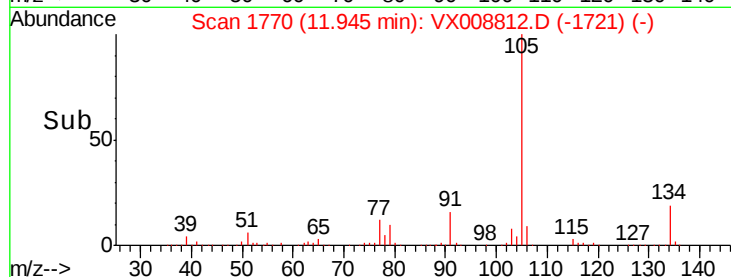
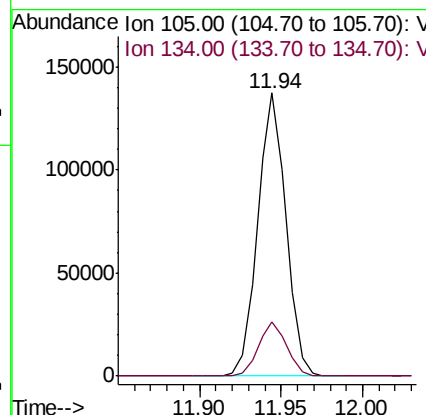
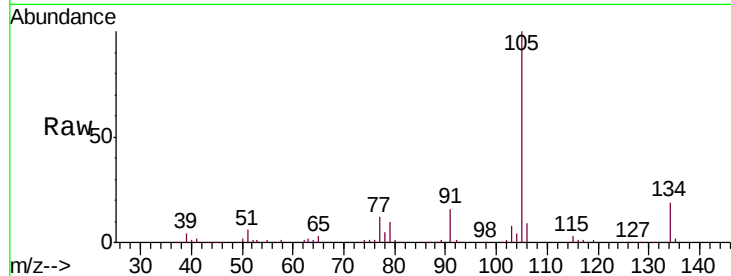




#85
 sec-Butylbenzene
 Concen: 18.380 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

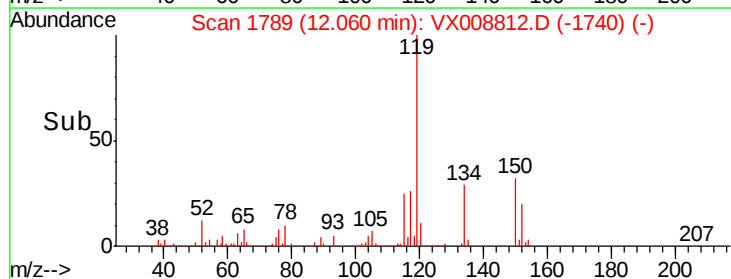
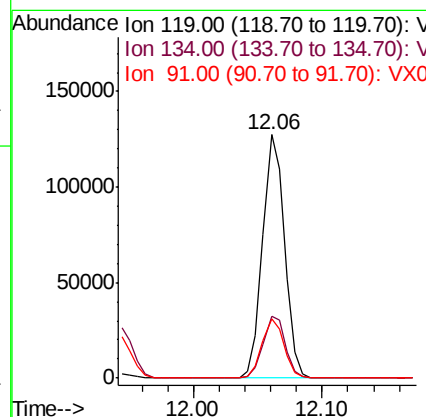
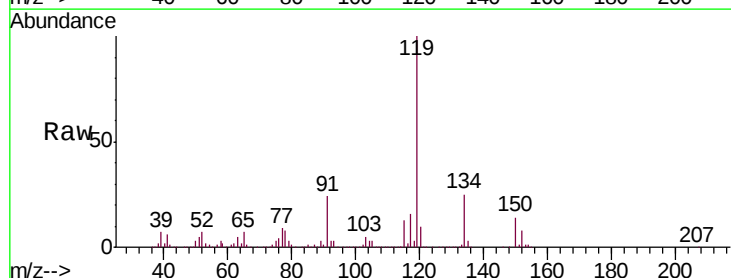
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

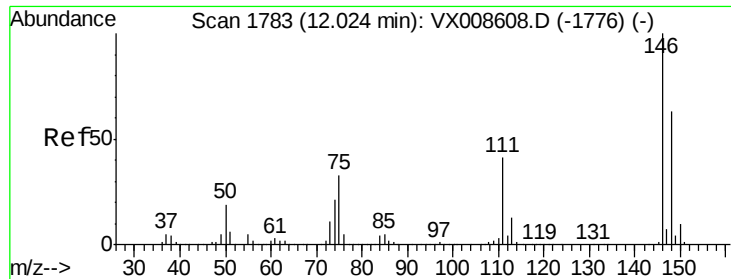
Tgt Ion:105 Resp: 165218
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.487 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:119 Resp: 149150
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.4 12.2 36.6

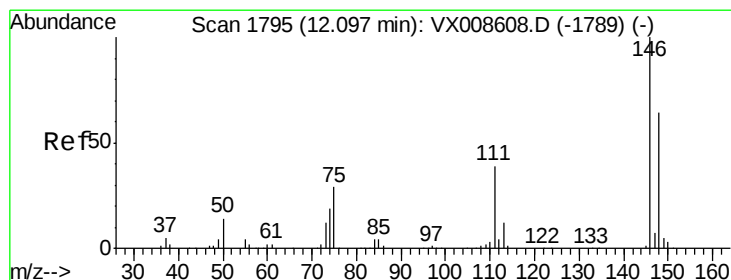
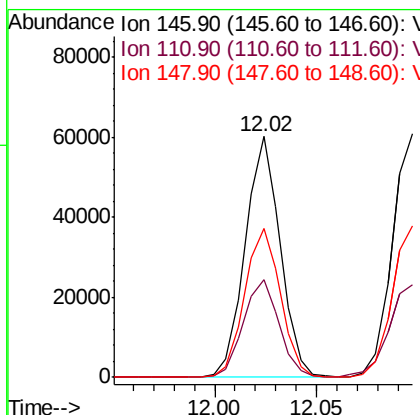
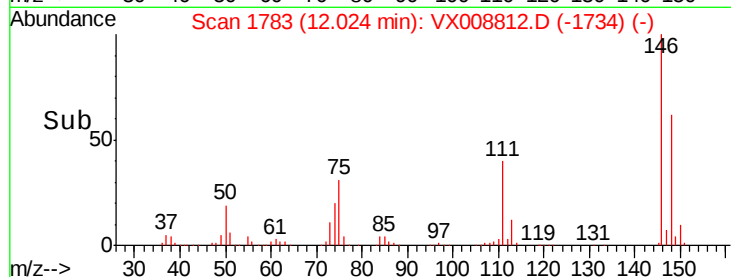
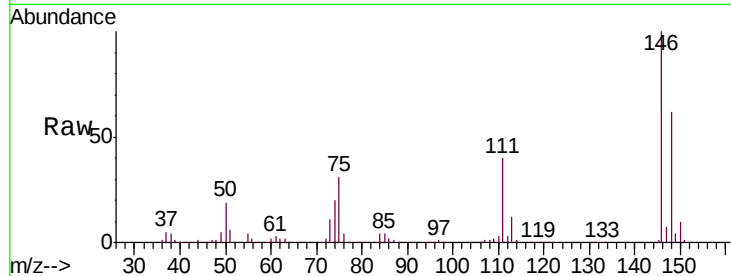




#87
 1,3-Dichlorobenzene
 Concen: 17.790 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

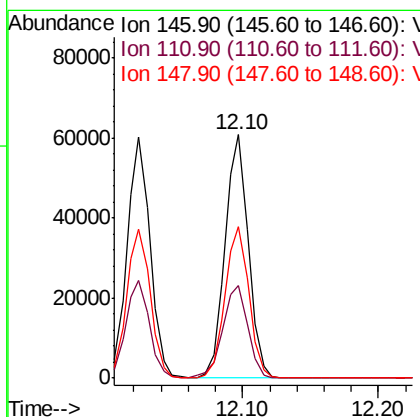
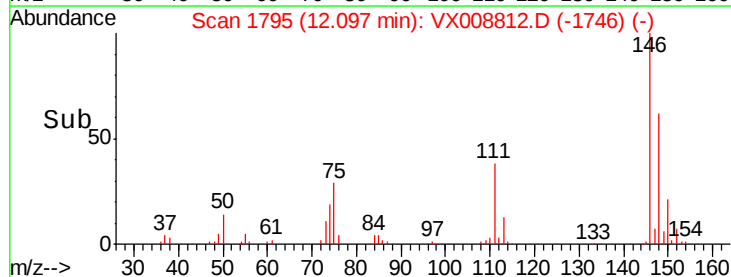
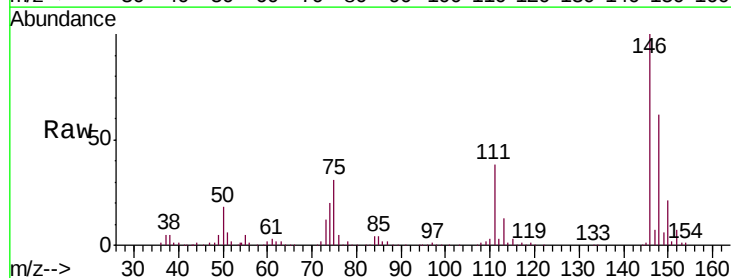
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

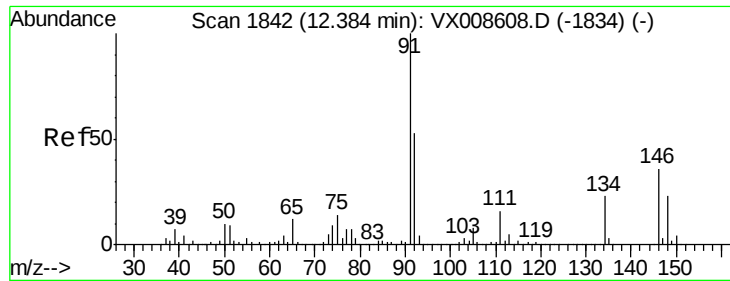
Tgt Ion:146 Resp: 71745
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.5
 148 63.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.656 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:146 Resp: 72104
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.6
 148 64.0 32.0 96.0

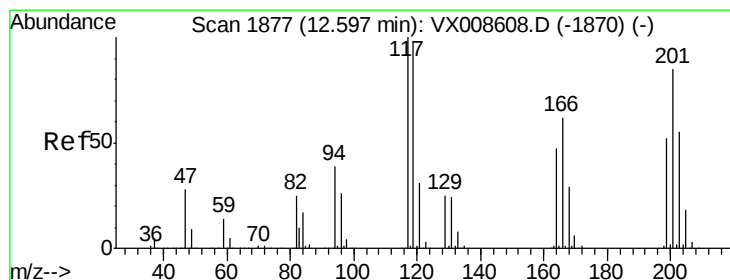
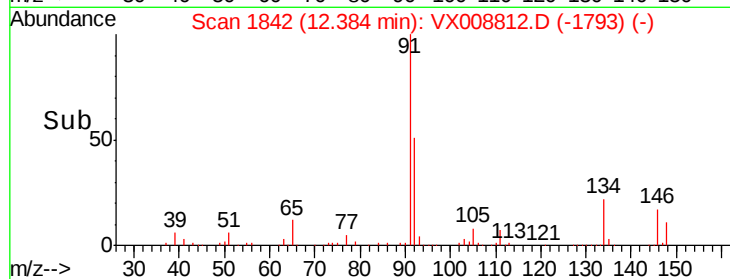
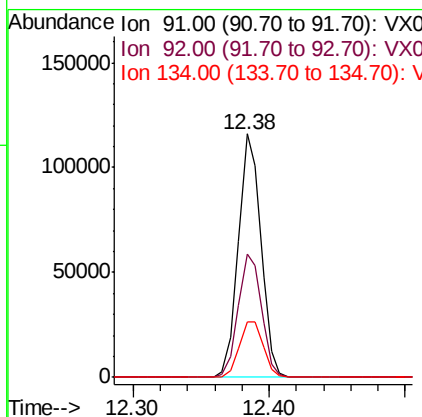
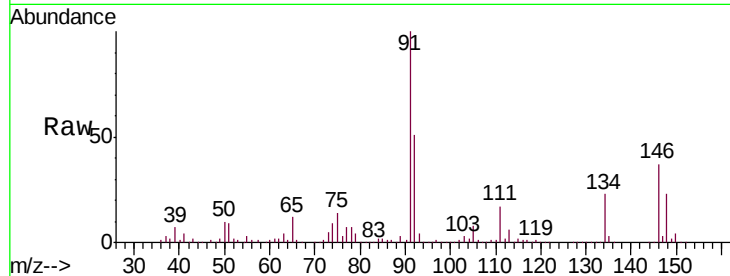




#89
n-Butylbenzene
Concen: 17.830 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

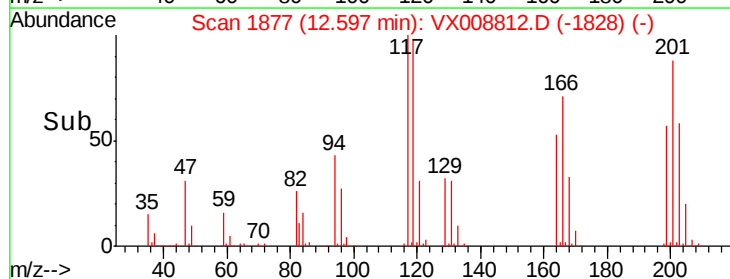
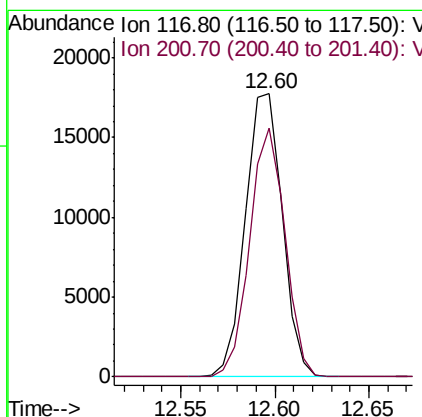
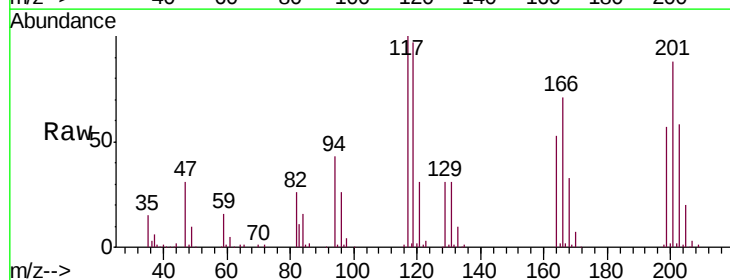
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

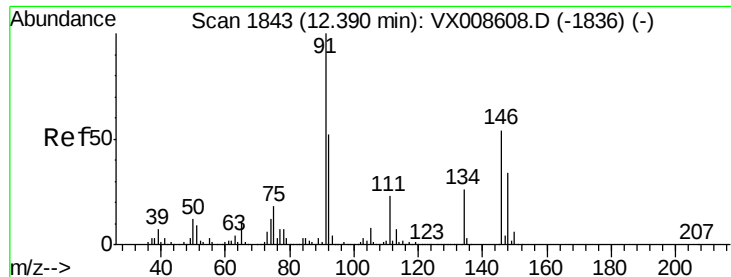
Tgt Ion: 91 Resp: 134905
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 24.1 12.0 36.0



#90
Hexachloroethane
Concen: 18.124 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion: 117 Resp: 24252
Ion Ratio Lower Upper
117 100
201 83.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 18.031 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

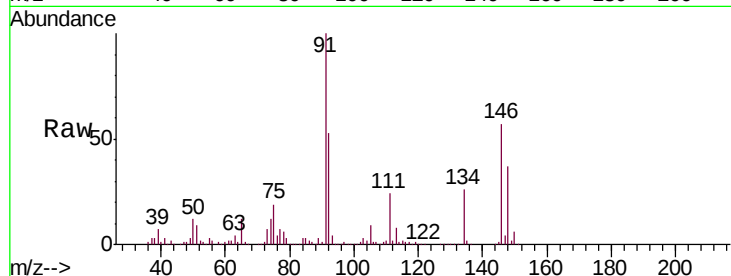
Tgt Ion:146 Resp: 72199

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

148 64.0 31.7 95.1

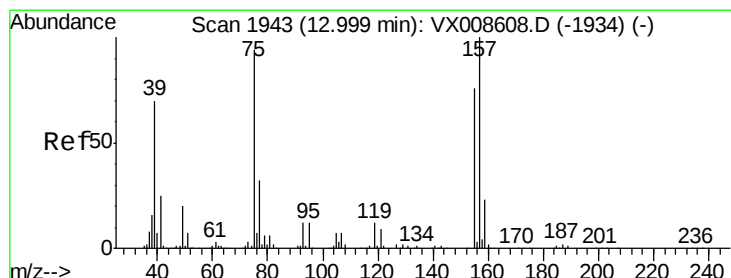
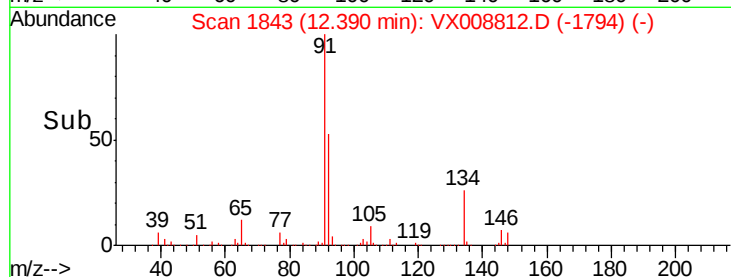
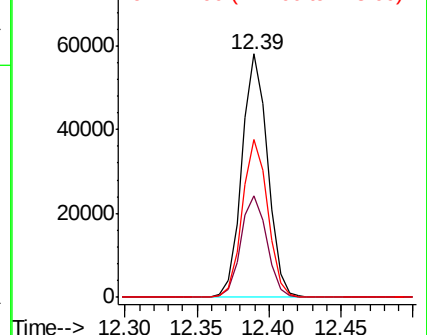


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.635 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008812.D

Acq: 10 Apr 2019 17:52

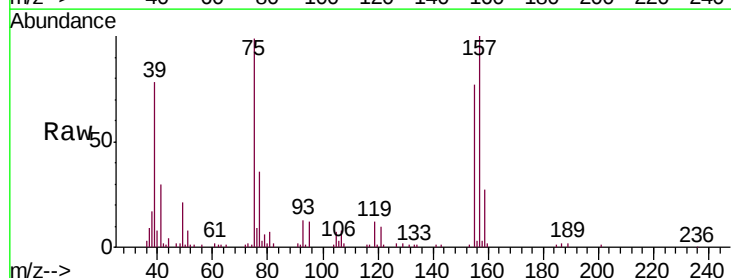
Tgt Ion: 75 Resp: 13825

Ion Ratio Lower Upper

75 100

155 76.5 39.9 119.6

157 99.2 51.5 154.7

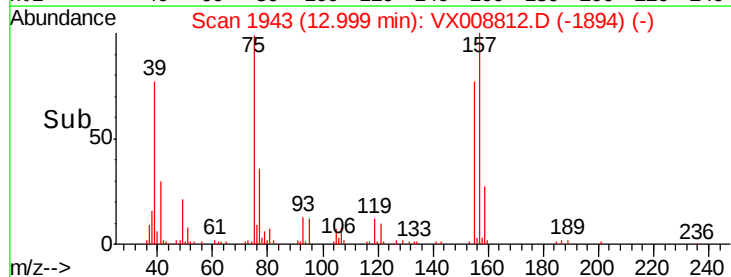
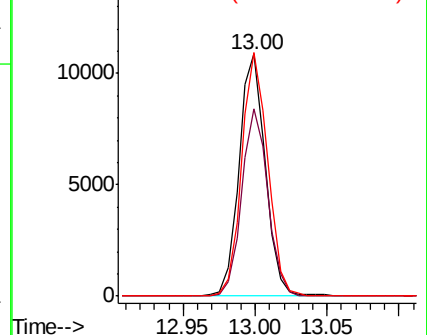


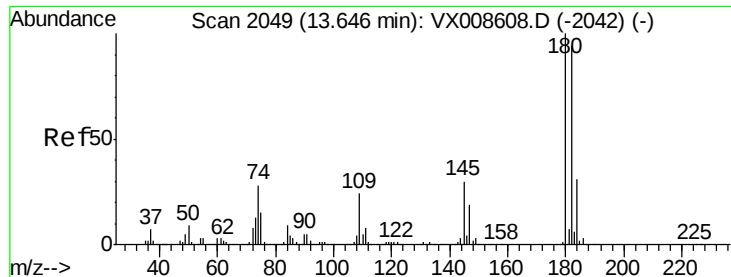
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

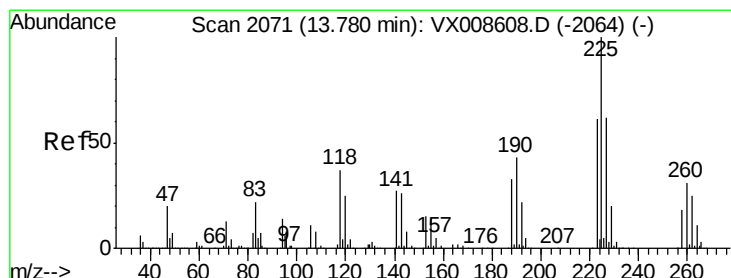
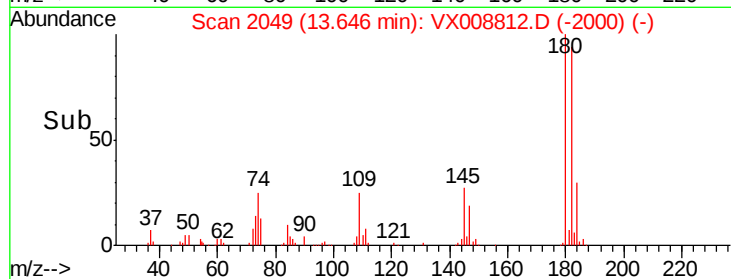
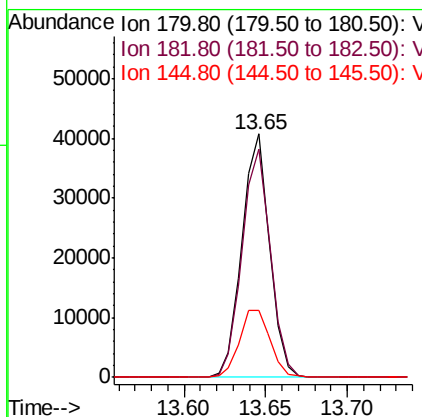
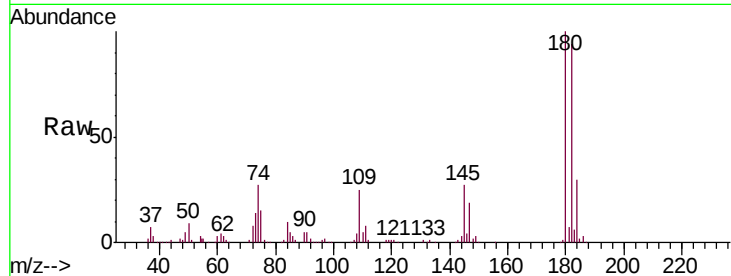




#93
 1,2,4-Trichlorobenzene
 Concen: 17.401 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

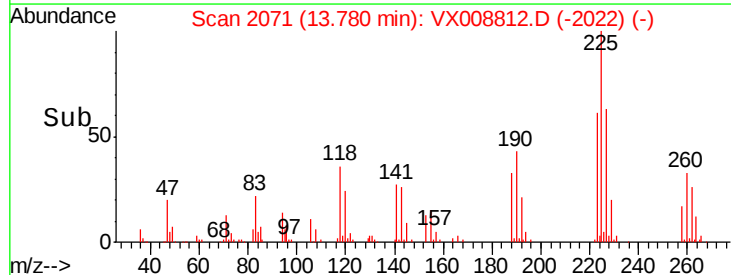
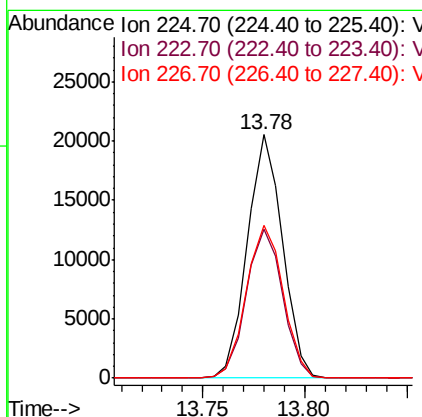
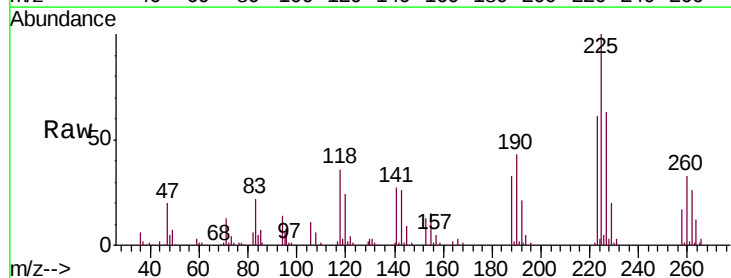
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0410WBSD01

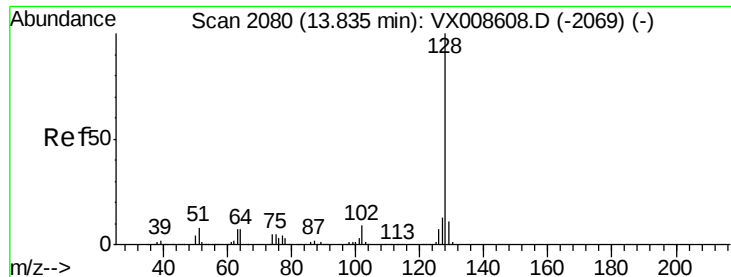
Tgt Ion:180 Resp: 48445
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.2 141.6
 145 30.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.482 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008812.D
 Acq: 10 Apr 2019 17:52

Tgt Ion:225 Resp: 24677
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 65.5 31.9 95.5

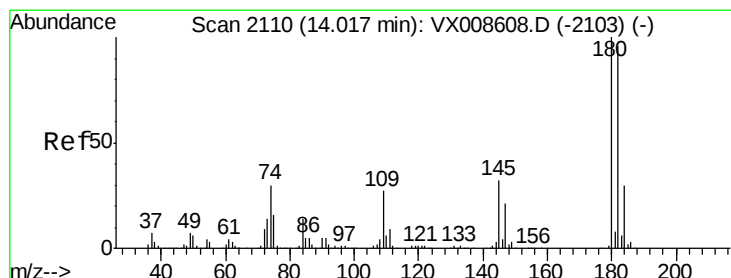
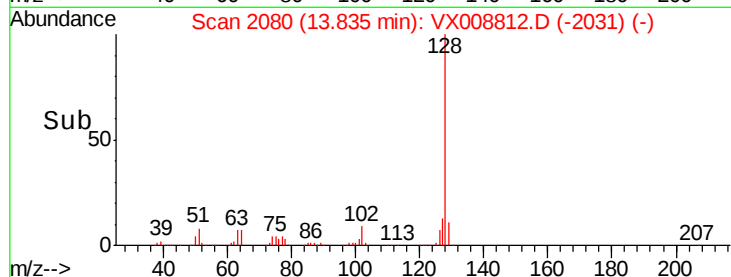
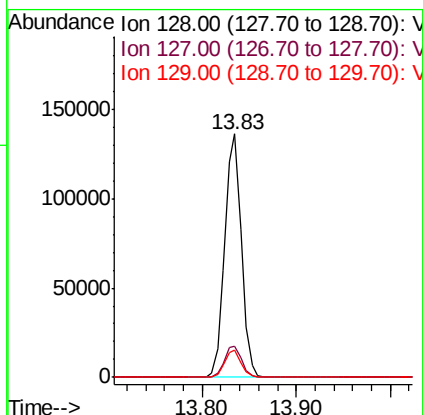
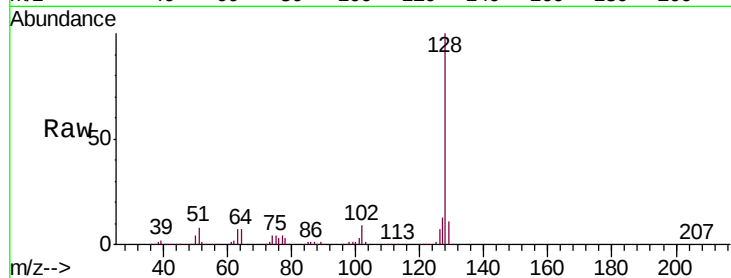




#95
Naphthalene
Concen: 17.982 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tgt Ion:128 Resp: 167319
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.942 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008812.D
Acq: 10 Apr 2019 17:52

Tgt Ion:180 Resp: 49909
Ion Ratio Lower Upper
180 100
182 96.8 48.1 144.3
145 30.9 16.3 48.8

