

Data File : VX005828.D
Acq On : 07 Nov 2018 14:45
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Quant Time: Nov 19 07:59:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	127029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	175532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	151585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75397	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	5.49	113	59791	50.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.71	98	198841	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	73092	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59126	51.624	ug/l	94
3) Chloromethane	1.32	50	80569	53.603	ug/l	94
4) Vinyl Chloride	1.41	62	74667	49.483	ug/l	95
5) Bromomethane	1.64	94	46769	50.648	ug/l	87
6) Chloroethane	1.71	64	43055	47.821	ug/l	97
7) Trichlorofluoromethane	1.92	101	98561	49.208	ug/l	97
8) Diethyl Ether	2.19	74	40477	51.574	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57798	50.174	ug/l	98
10) Methyl Iodide	2.51	142	64488	46.190	ug/l	97
11) Tert butyl alcohol	3.08	59	100489	240.207	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53788	47.905	ug/l	88
13) Acrolein	2.29	56	54145	269.800	ug/l	97
14) Allyl chloride	2.73	41	122739	48.945	ug/l	100
15) Acrylonitrile	3.15	53	218456	251.977	ug/l	99
16) Acetone	2.45	43	209599	266.565	ug/l	97
17) Carbon Disulfide	2.56	76	183246	54.715	ug/l	98
18) Methyl Acetate	2.78	43	112511	53.498	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	195433	50.998	ug/l	93
20) Methylene Chloride	2.85	84	60275	46.666	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	58279	49.211	ug/l	96
22) Diisopropyl ether	3.87	45	218084	49.645	ug/l	# 92
23) Vinyl Acetate	3.82	43	953401	253.126	ug/l	100
24) 1,1-Dichloroethane	3.70	63	114258	48.752	ug/l	100
25) 2-Butanone	4.71	43	328166	265.467	ug/l	97
26) 2,2-Dichloropropane	4.59	77	91741	53.363	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	67999	52.001	ug/l	99
28) Bromochloromethane	5.01	49	58010	55.383	ug/l	98
29) Tetrahydrofuran	5.15	42	211109	265.973	ug/l	99
30) Chloroform	5.21	83	109877	48.594	ug/l	99
31) Cyclohexane	5.57	56	104680	51.454	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	97843	51.879	ug/l	98
36) 1,1-Dichloropropene	5.80	75	84962	50.209	ug/l	97
37) Ethyl Acetate	4.86	43	113837	51.157	ug/l	99
38) Carbon Tetrachloride	5.78	117	86377	50.988	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88046	51.337	ug/l #	86
40) Benzene	6.13	78	255199	51.732	ug/l	94
41) Methacrylonitrile	5.06	41	64454	53.604	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88490	50.082	ug/l	100
43) Isopropyl Acetate	6.46	43	167027	51.801	ug/l	97
44) Trichloroethene	7.21	130	61733	49.277	ug/l	91
45) 1,2-Dichloropropane	7.52	63	61122	51.048	ug/l	97
46) Dibromomethane	7.66	93	39768	52.929	ug/l	94
47) Bromodichloromethane	7.90	83	71840	50.594	ug/l	98
48) Methyl methacrylate	7.77	41	75496	52.145	ug/l	100
49) 1,4-Dioxane	7.75	88	34056	1091.596	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	524351	258.029	ug/l	96
52) Toluene	8.79	92	132080	47.907	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	82920	49.485	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	89955	52.669	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60266	49.047	ug/l #	90
56) Ethyl methacrylate	9.18	69	98641	53.653	ug/l	97
57) 1,3-Dichloropropane	9.37	76	98053	47.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	247051	246.717	ug/l	100
59) 2-Hexanone	9.49	43	447856	250.025	ug/l	95
60) Dibromochloromethane	9.59	129	66677	50.211	ug/l	98
61) 1,2-Dibromoethane	9.68	107	64158	47.220	ug/l	99
64) Tetrachloroethene	9.34	164	68382	52.985	ug/l #	80
65) Chlorobenzene	10.14	112	152585	50.246	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54593	51.711	ug/l	99
67) Ethyl Benzene	10.25	91	260872	53.573	ug/l	99
68) m/p-Xylenes	10.36	106	200341	107.861	ug/l	100
69) o-Xylene	10.70	106	95212	57.166	ug/l	100
70) Styrene	10.71	104	160480	58.409	ug/l	99
71) Bromoform	10.86	173	49215	55.609	ug/l #	100
73) Isopropylbenzene	11.02	105	263788	55.772	ug/l	99
74) N-amyl acetate	10.90	43	133902	50.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89603	51.613	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	110384	66.281	ug/l	85
77) Bromobenzene	11.26	156	68724	51.551	ug/l	100
78) n-propylbenzene	11.36	91	308617	55.366	ug/l	99
79) 2-Chlorotoluene	11.42	91	180308	53.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	225301	56.054	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28121	53.817	ug/l	99
82) 4-Chlorotoluene	11.51	91	215751	54.335	ug/l	100
83) tert-Butylbenzene	11.77	119	221355	54.437	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	232545	52.432	ug/l	100
85) sec-Butylbenzene	11.94	105	270183	54.336	ug/l	100
86) p-Isopropyltoluene	12.07	119	243984	55.395	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	129434	50.590	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	130951	49.998	ug/l	99
89) n-Butylbenzene	12.39	91	223977	54.868	ug/l	100
90) Hexachloroethane	12.60	117	39551	53.785	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	129219	50.417	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23372	55.170	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110718\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99664	55.237	ug/l	99
94) Hexachlorobutadiene	13.78	225	50089	52.849	ug/l	99
95) Naphthalene	13.83	128	305747	51.914	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100640	54.750	ug/l	99

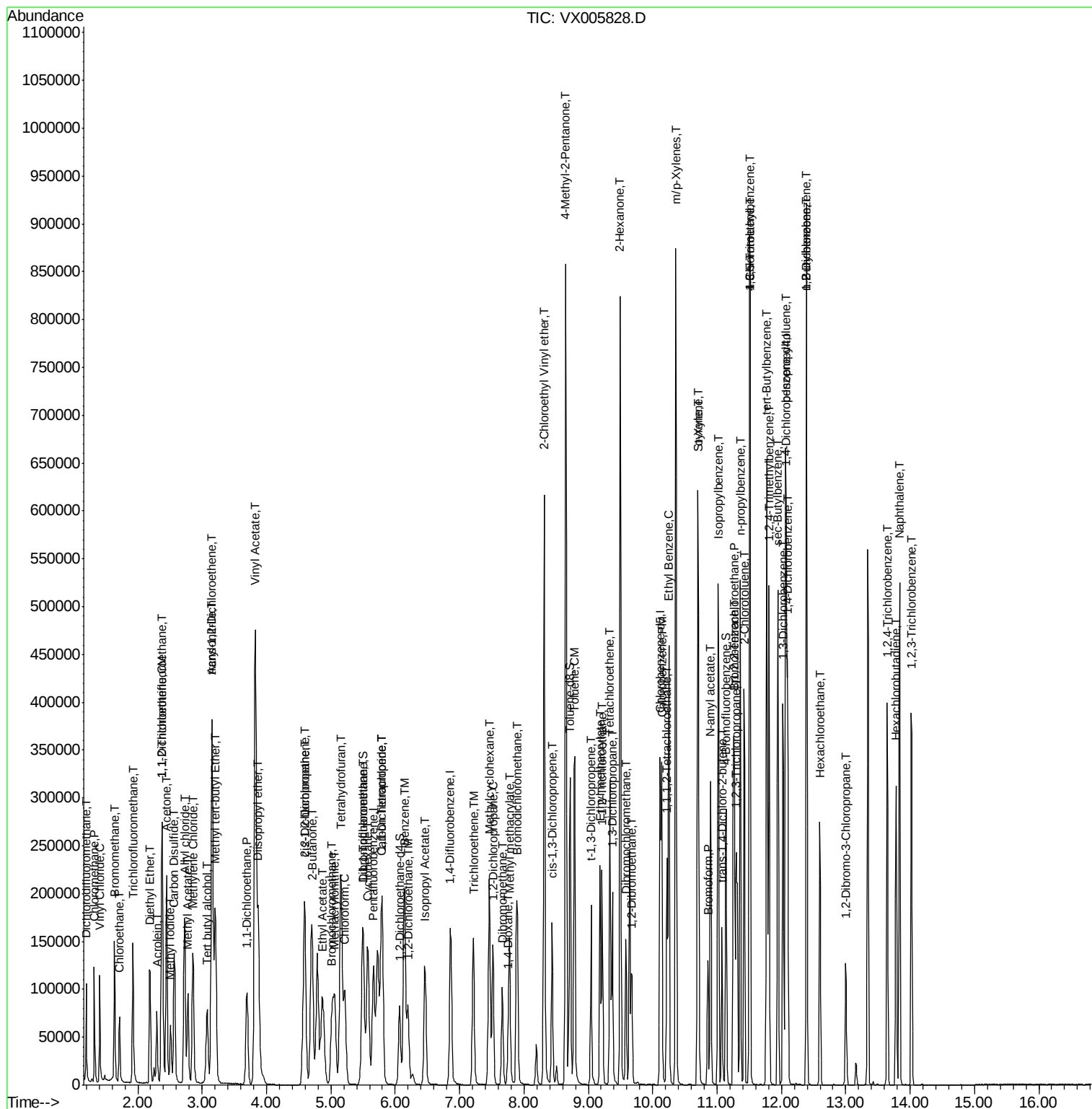
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

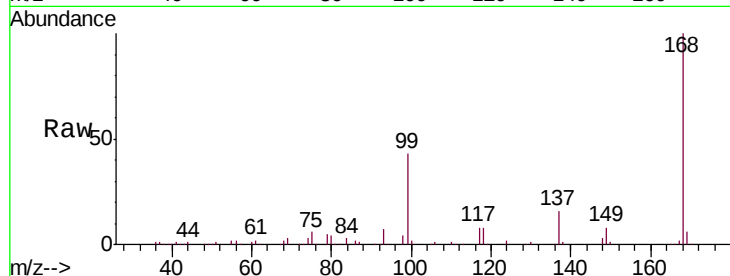
ICVVX110718

Tgt Ion:168 Resp: 127029

Ion Ratio Lower Upper

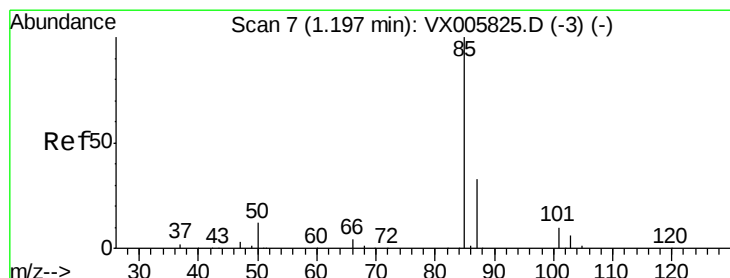
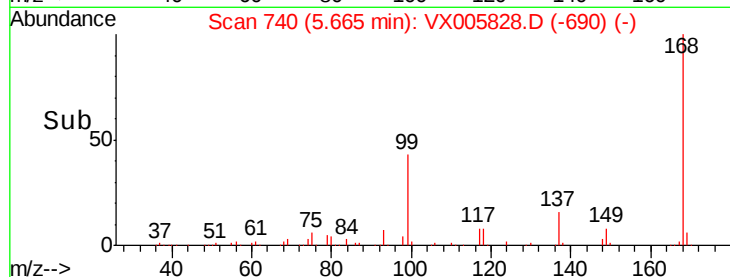
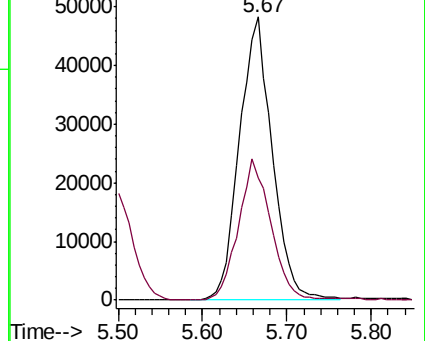
168 100

99 43.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.624 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005828.D

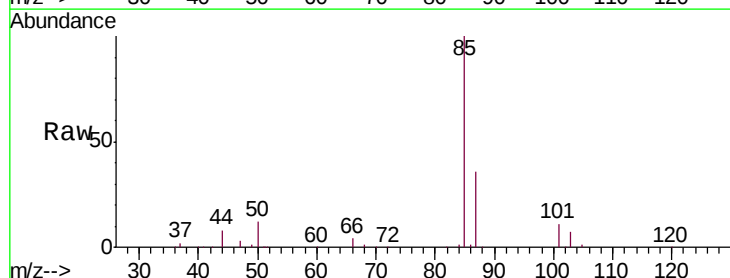
Acq: 07 Nov 2018 14:45

Tgt Ion: 85 Resp: 59126

Ion Ratio Lower Upper

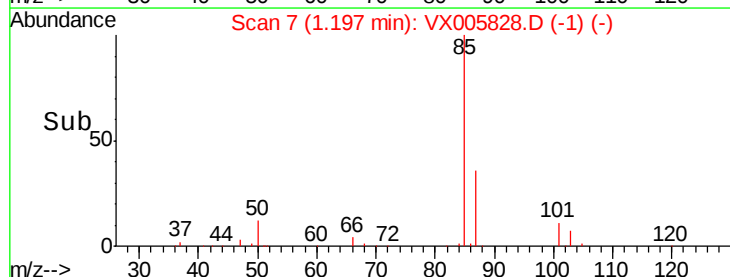
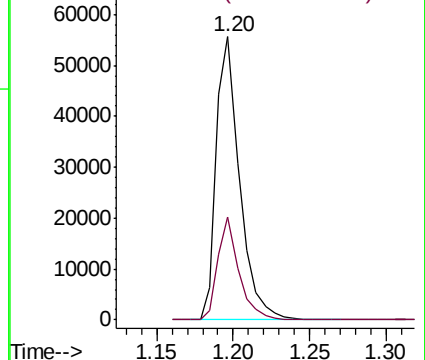
85 100

87 36.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

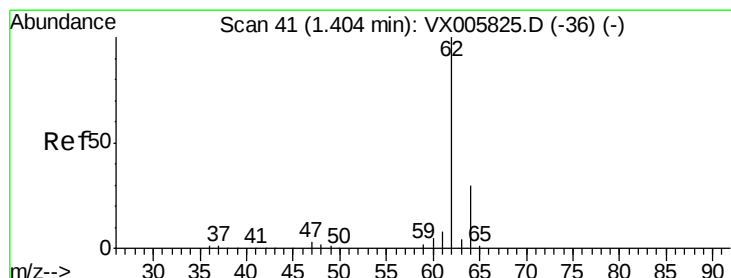
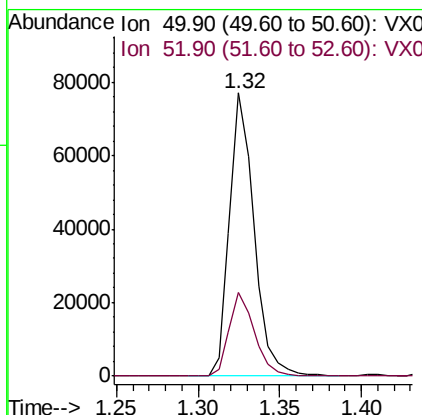
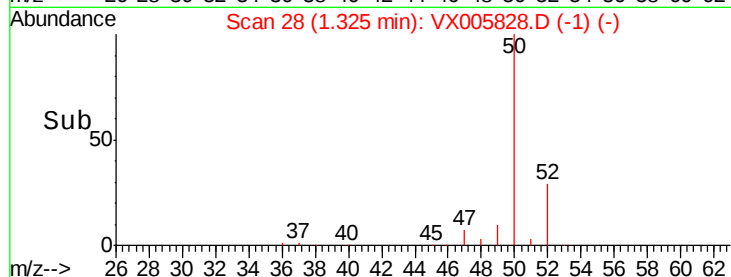
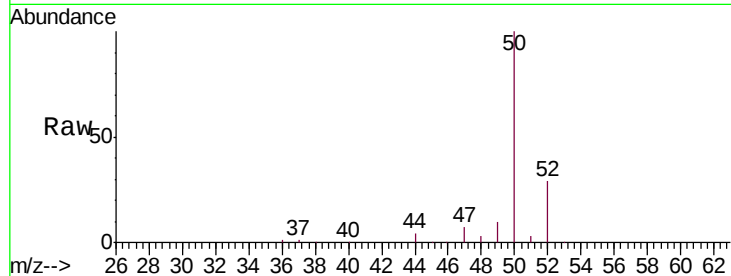




#3
Chloromethane
Concen: 53.603 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

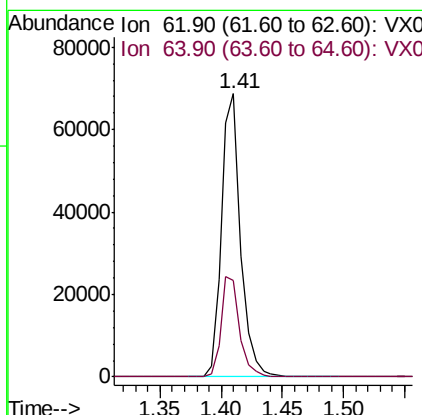
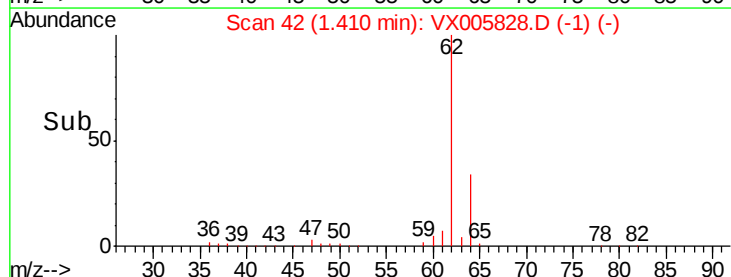
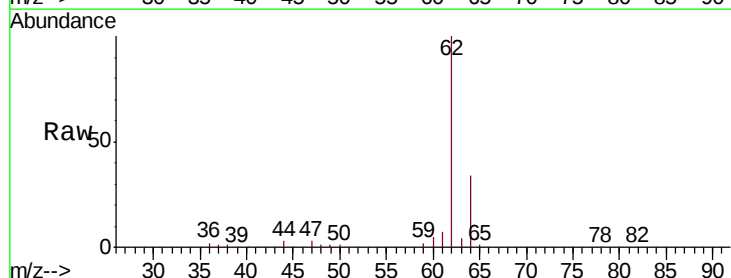
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Tgt Ion: 50 Resp: 80569
Ion Ratio Lower Upper
50 100
52 29.4 26.2 39.2



#4
Vinyl Chloride
Concen: 49.483 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 62 Resp: 74667
Ion Ratio Lower Upper
62 100
64 34.2 25.3 37.9





#5

Bromomethane

Concen: 50.648 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

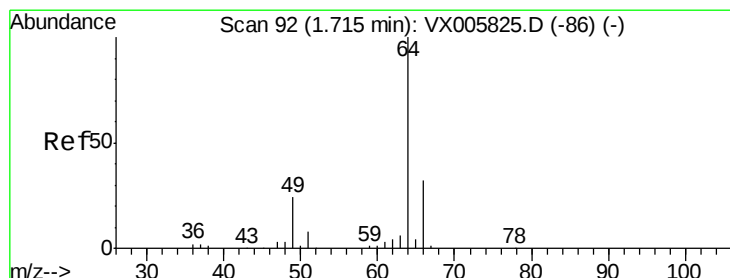
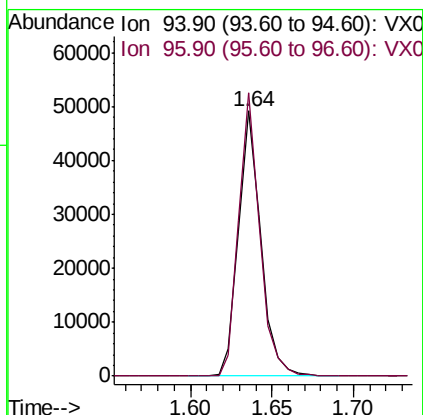
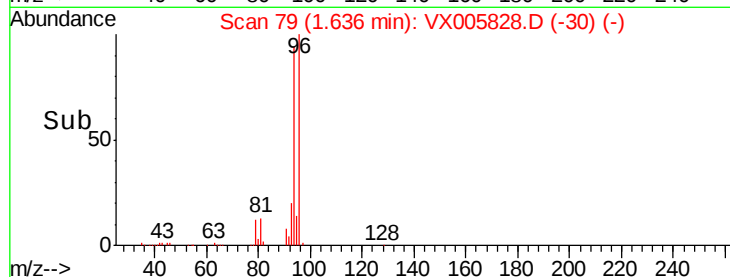
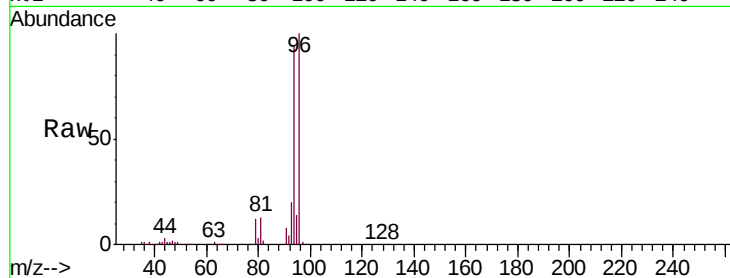
ICVVX110718

Tgt Ion: 94 Resp: 46769

Ion Ratio Lower Upper

94 100

96 106.7 75.2 112.8



#6

Chloroethane

Concen: 47.821 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005828.D

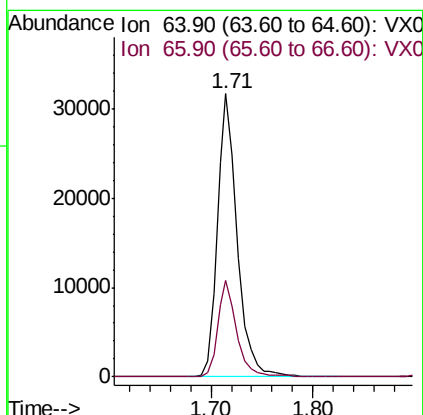
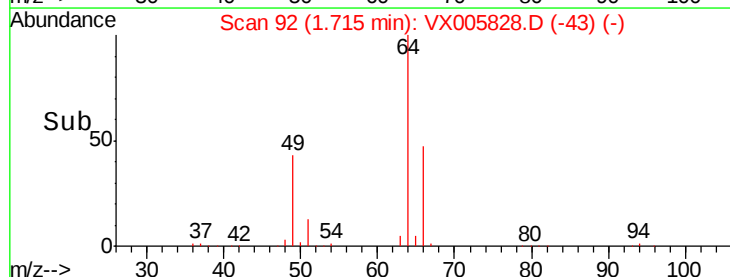
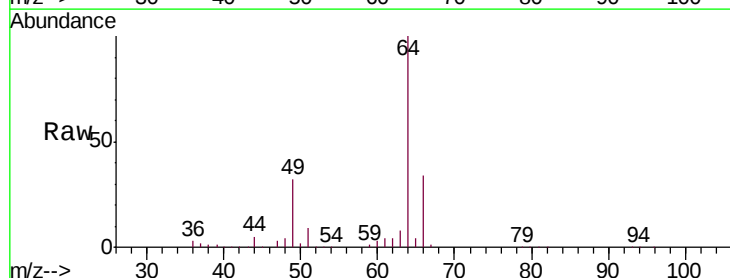
Acq: 07 Nov 2018 14:45

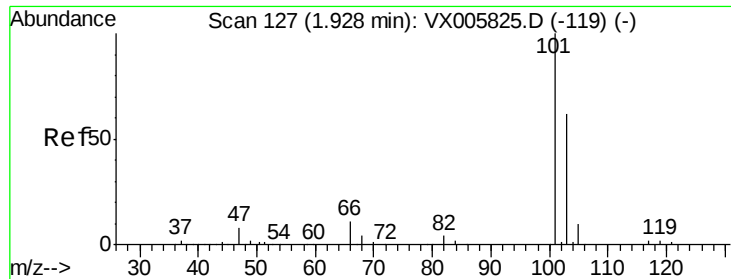
Tgt Ion: 64 Resp: 43055

Ion Ratio Lower Upper

64 100

66 33.9 25.8 38.6



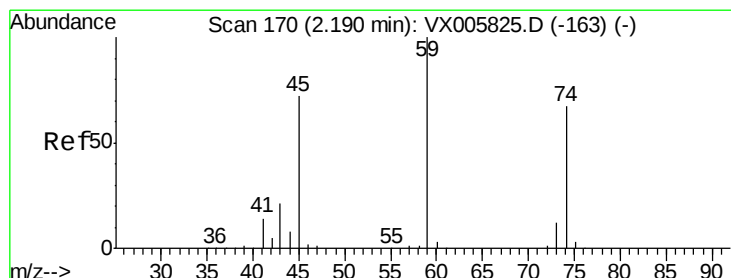
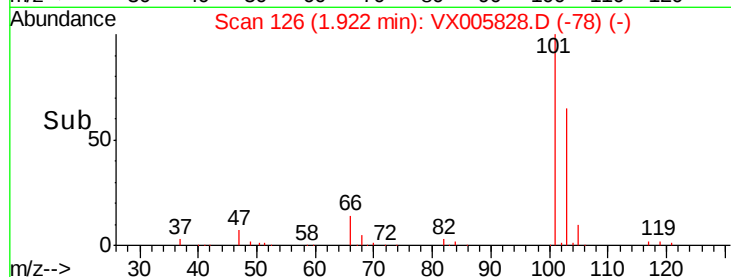
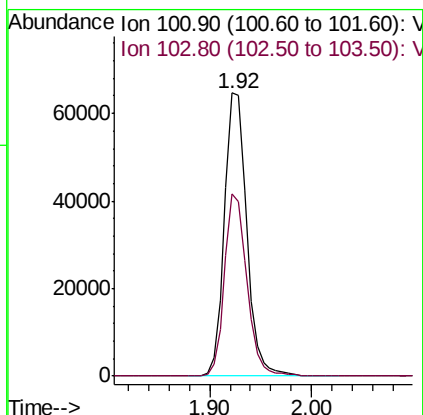
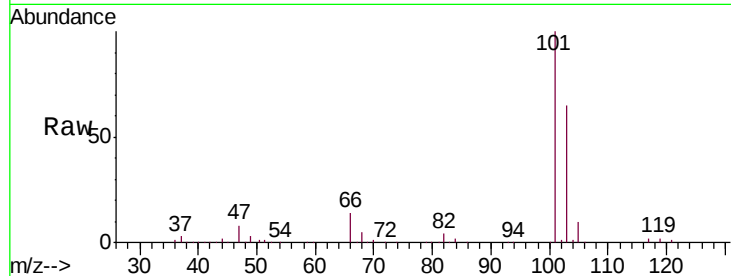


#7

Trichlorofluoromethane
 Concen: 49.208 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

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 ICVVX110718

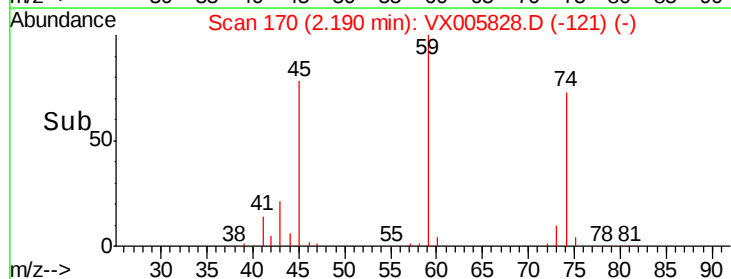
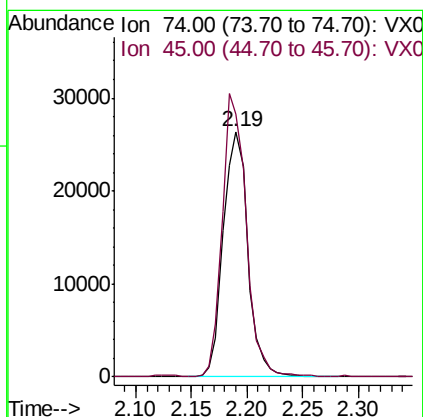
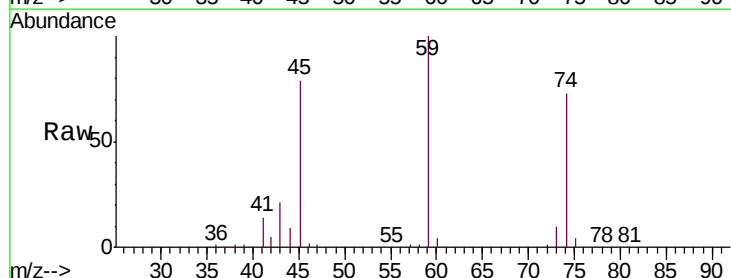
Tgt Ion: 101 Resp: 98561
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.0 75.0



#8

Diethyl Ether
 Concen: 51.574 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 74 Resp: 40477
 Ion Ratio Lower Upper
 74 100
 45 111.1 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.174 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

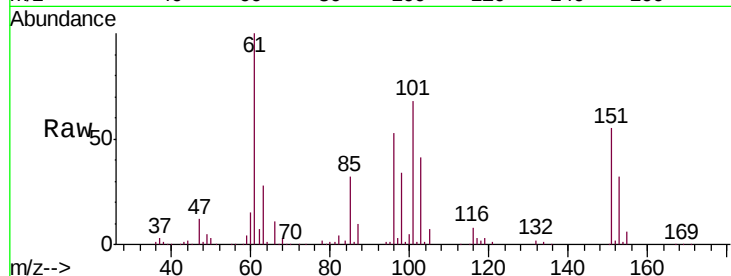
Tgt Ion:101 Resp: 57798

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

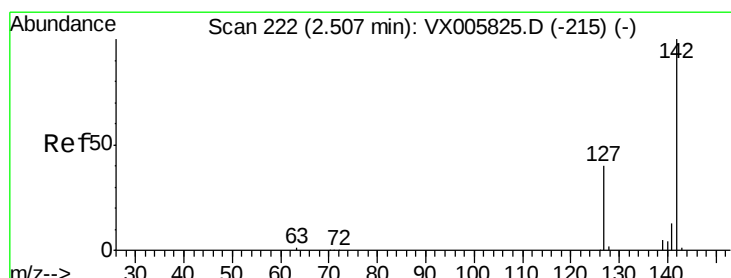
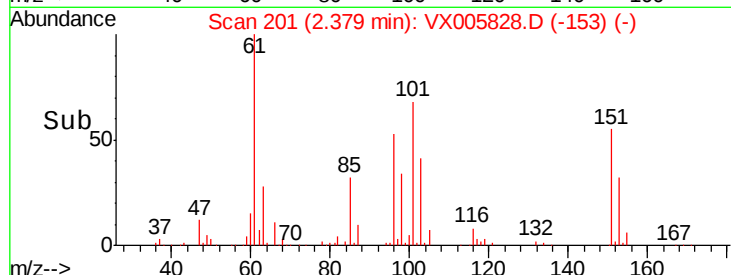
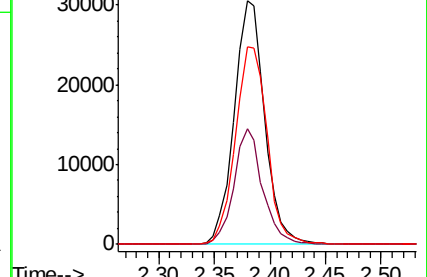
151 84.3 66.2 99.2



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: 46.190 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

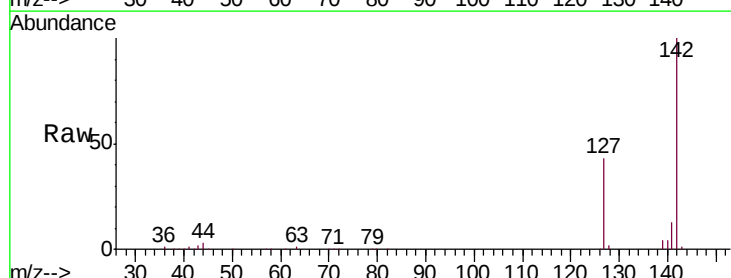
Tgt Ion:142 Resp: 64488

Ion Ratio Lower Upper

142 100

127 42.9 36.0 54.0

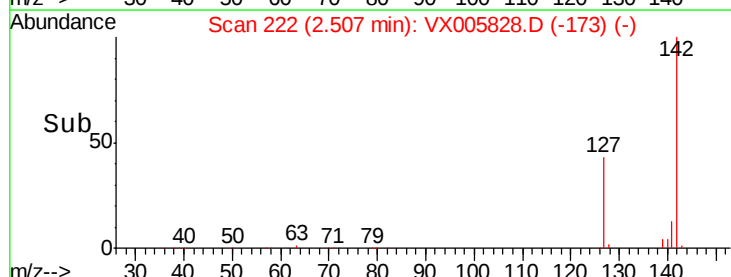
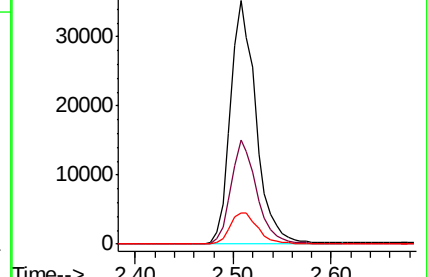
141 14.1 11.7 17.5

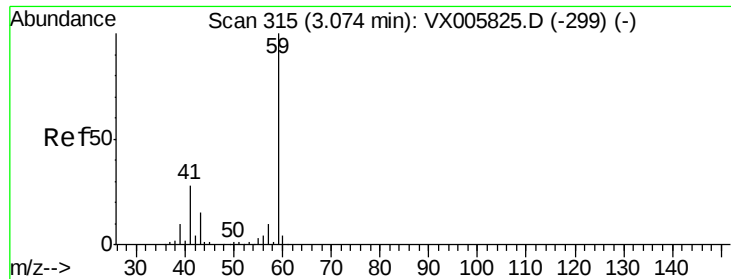


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



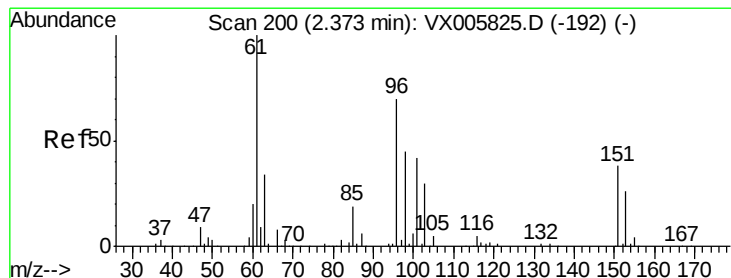
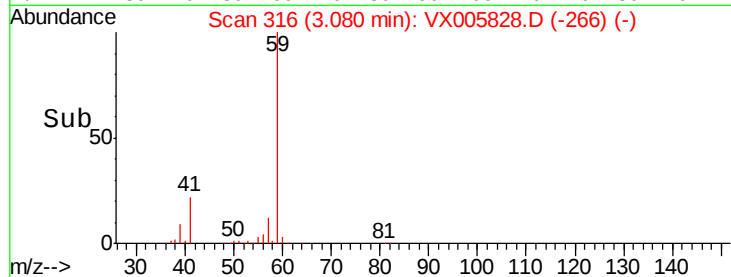
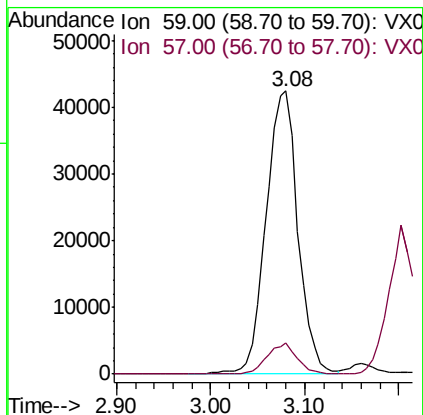
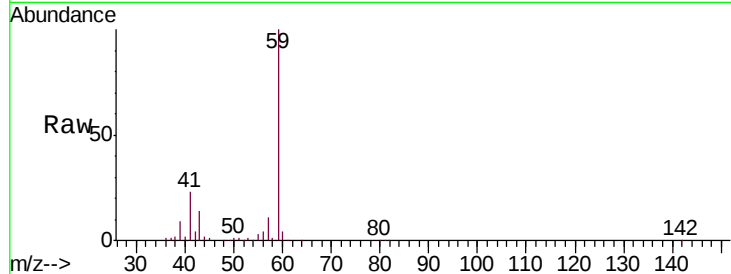


#11

Tert butyl alcohol
 Concen: 240.207 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

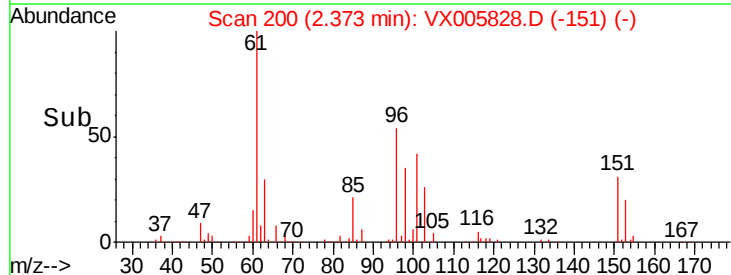
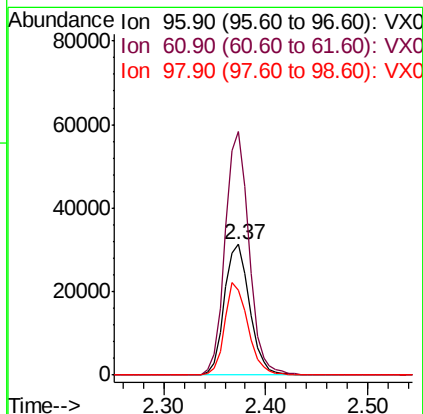
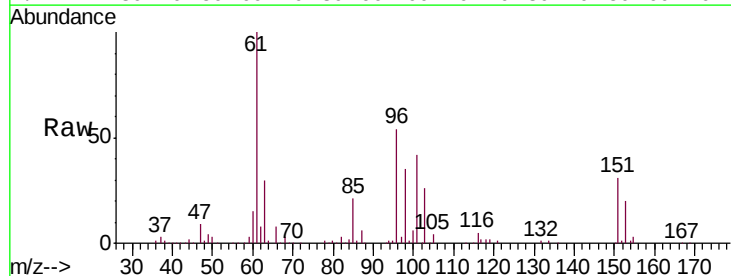
Tgt Ion: 59 Resp: 100489
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

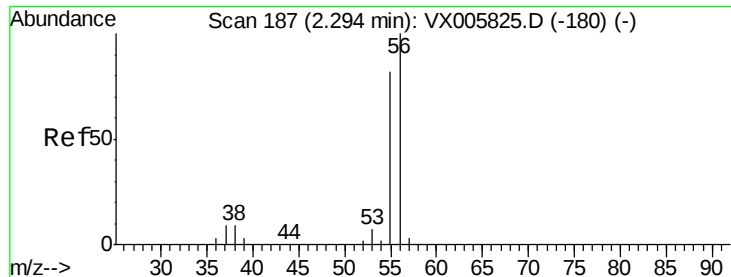


#12

1,1-Dichloroethene
 Concen: 47.905 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 96 Resp: 53788
 Ion Ratio Lower Upper
 96 100
 61 186.1 131.8 197.8
 98 64.6 53.4 80.2





#13

Acrolein

Concen: 269.800 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

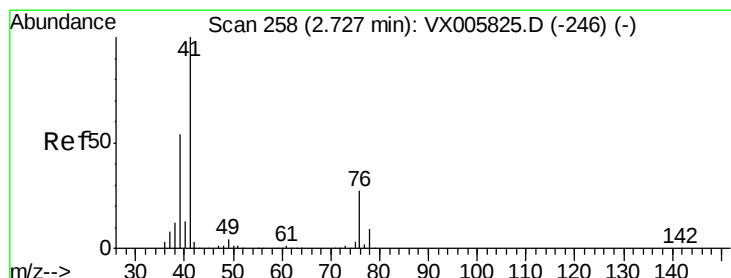
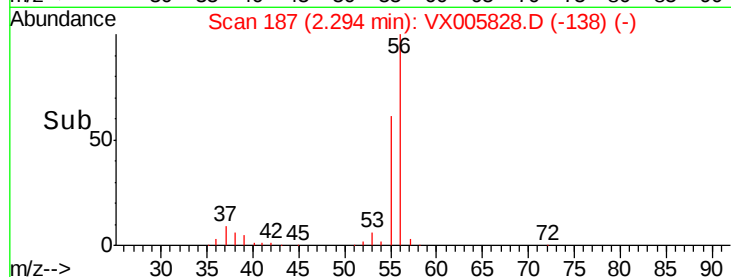
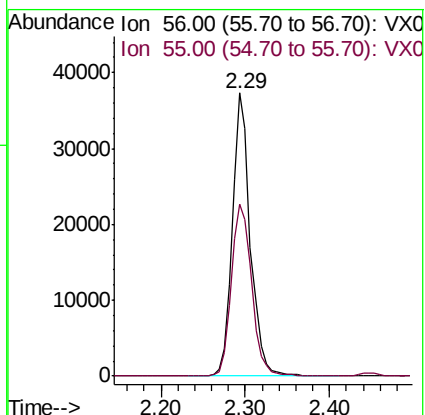
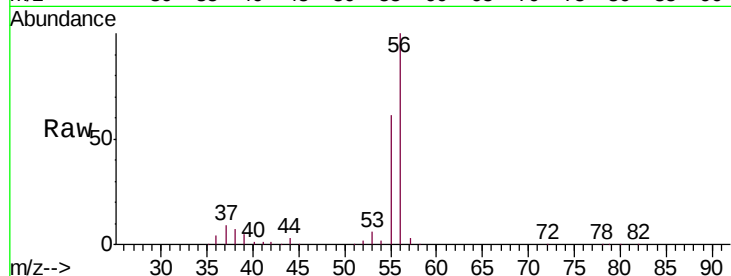
ICVVX110718

Tgt Ion: 56 Resp: 54145

Ion Ratio Lower Upper

56 100

55 69.0 57.3 85.9



#14

Allyl chloride

Concen: 48.945 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

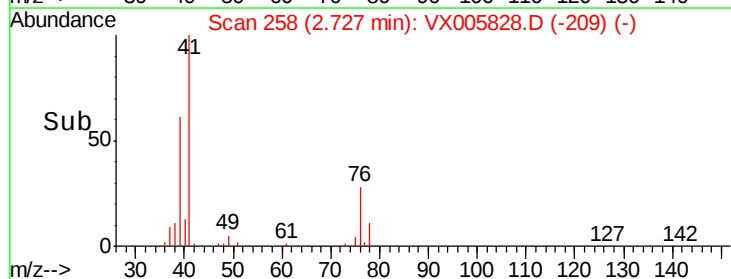
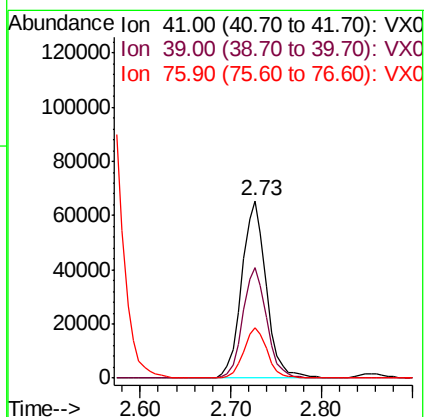
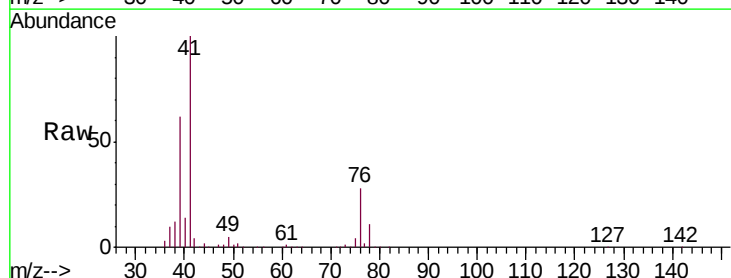
Tgt Ion: 41 Resp: 122739

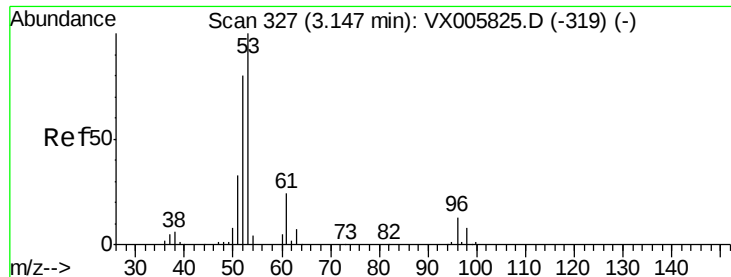
Ion Ratio Lower Upper

41 100

39 60.6 48.2 72.4

76 27.1 21.9 32.9





#15

Acrylonitrile

Concen: 251.977 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

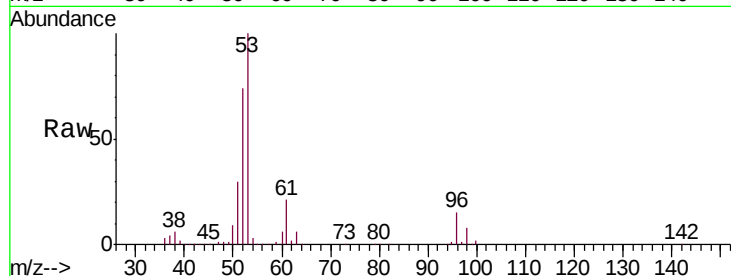
Tgt Ion: 53 Resp: 218456

Ion Ratio Lower Upper

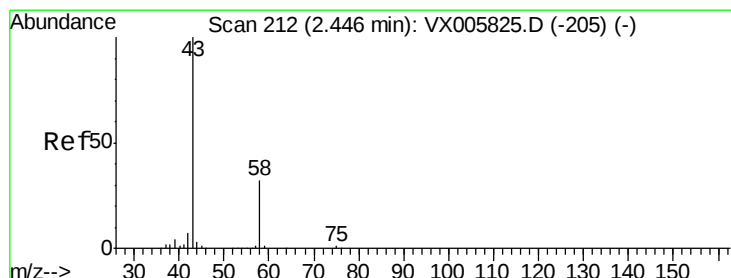
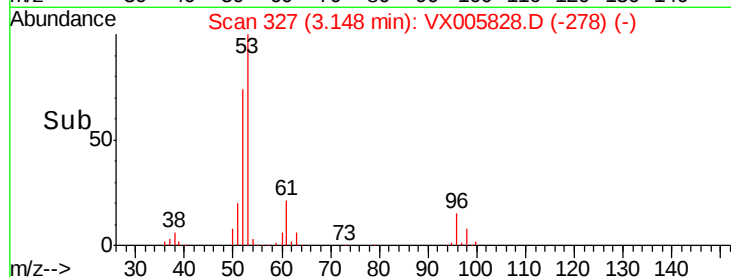
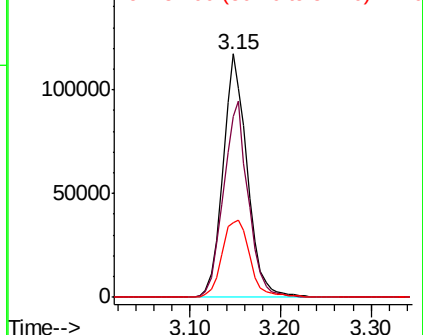
53 100

52 82.3 66.6 99.8

51 36.8 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 266.565 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005828.D

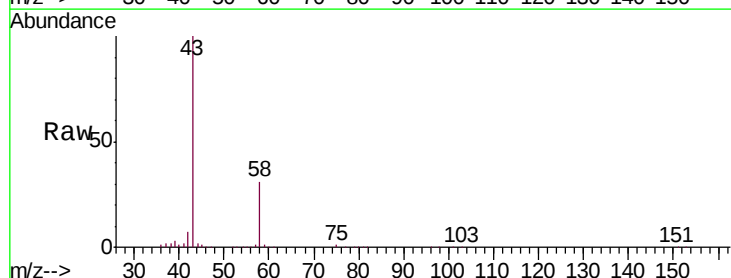
Acq: 07 Nov 2018 14:45

Tgt Ion: 43 Resp: 209599

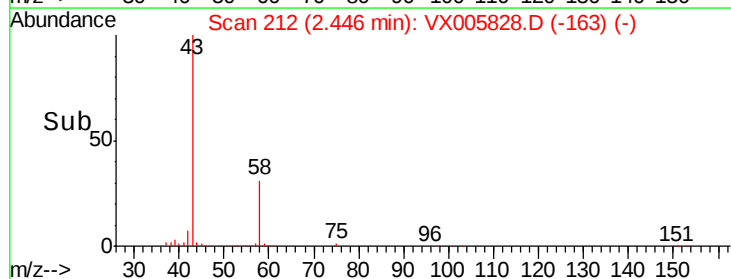
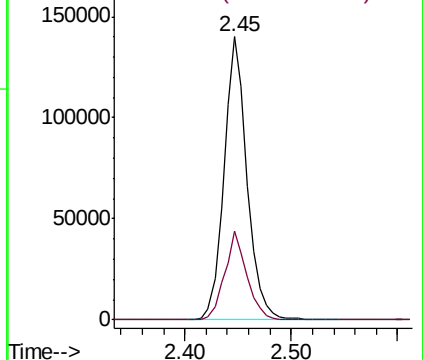
Ion Ratio Lower Upper

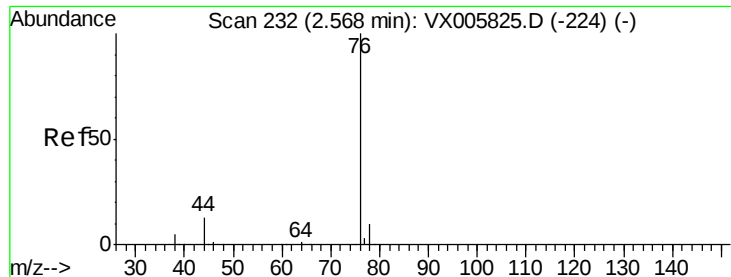
43 100

58 31.4 23.8 35.6



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





#17

Carbon Disulfide

Concen: 54.715 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

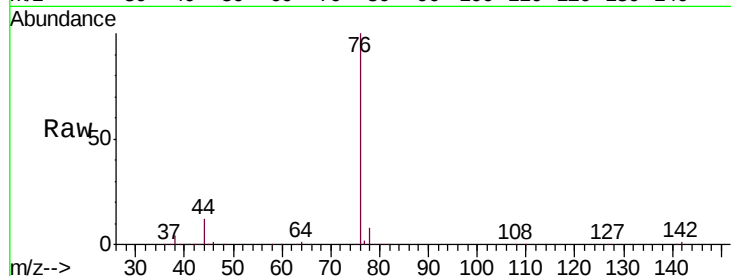
ICVVX110718

Tgt Ion: 76 Resp: 183246

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

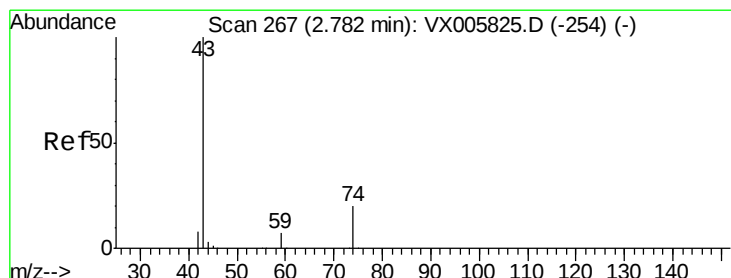
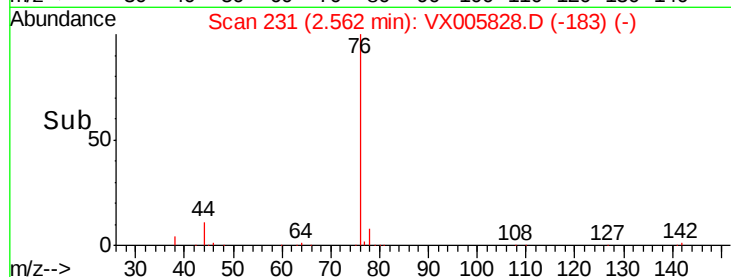
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 53.498 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005828.D

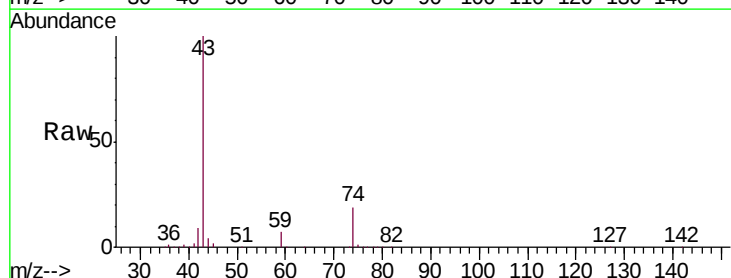
Acq: 07 Nov 2018 14:45

Tgt Ion: 43 Resp: 112511

Ion Ratio Lower Upper

43 100

74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

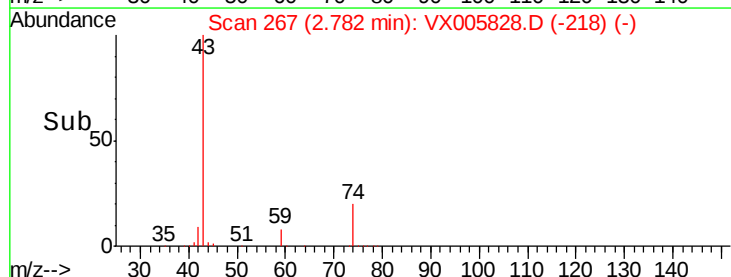
60000

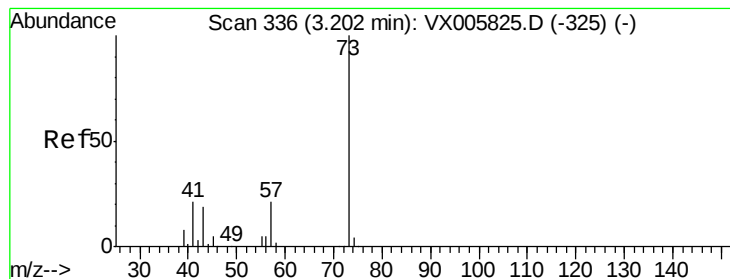
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 50.998 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

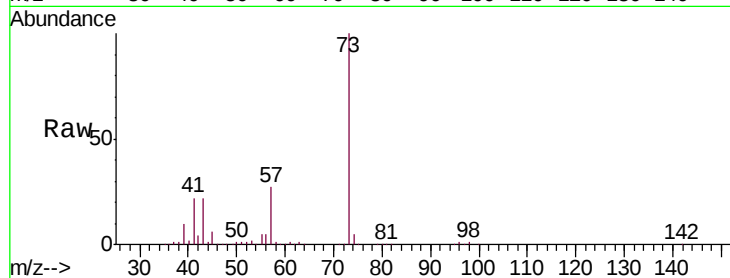
ICVVX110718

Tgt Ion: 73 Resp: 195433

Ion Ratio Lower Upper

73 100

57 27.1 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

80000

60000

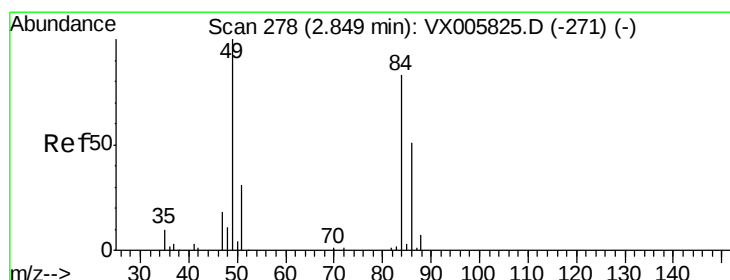
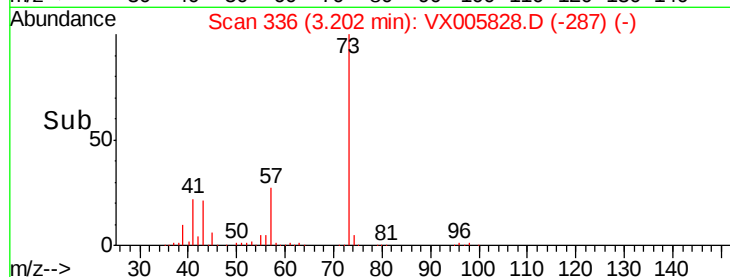
40000

20000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 46.666 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Tgt Ion: 84 Resp: 60275

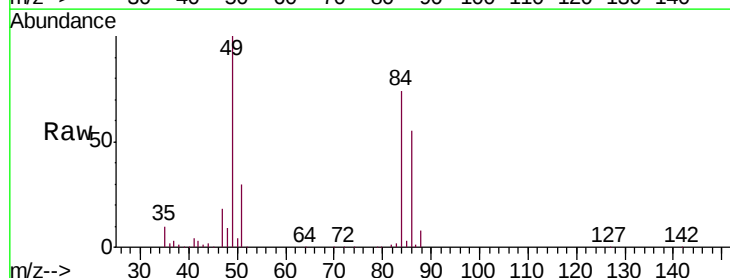
Ion Ratio Lower Upper

84 100

49 134.7 109.5 164.3

51 40.5 33.3 49.9

86 73.7 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

60000

50000

40000

30000

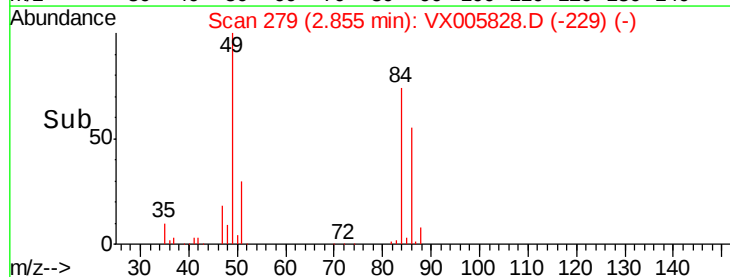
20000

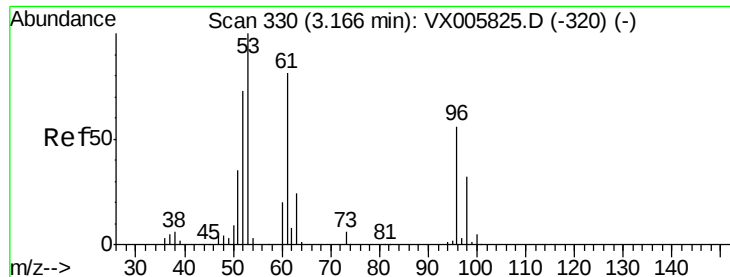
10000

0

2.80 2.85 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.211 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

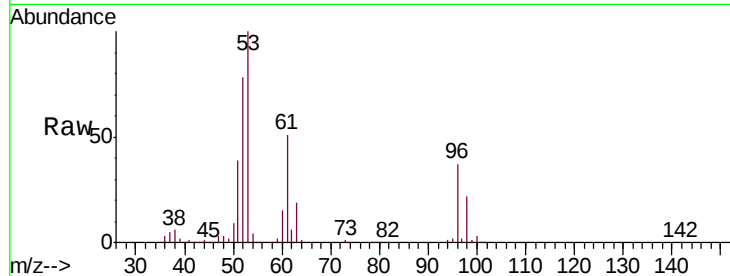
Tgt Ion: 96 Resp: 58279

Ion Ratio Lower Upper

96 100

61 138.4 115.6 173.4

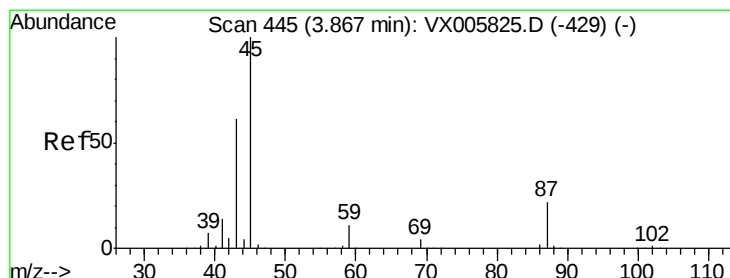
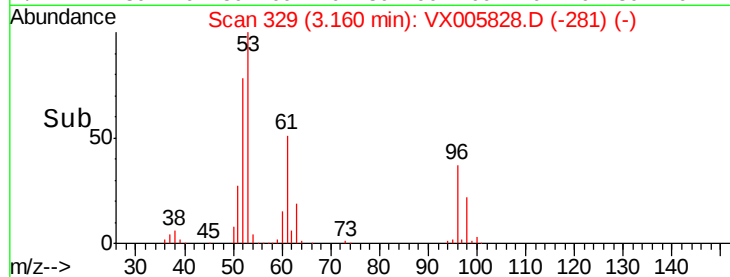
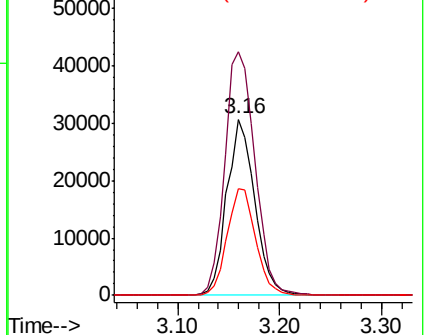
98 60.7 50.2 75.2



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: 49.645 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Tgt Ion: 45 Resp: 218084

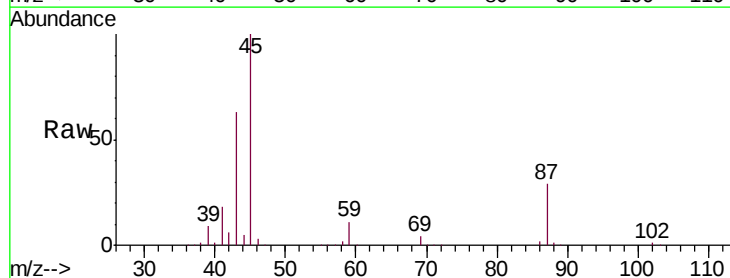
Ion Ratio Lower Upper

45 100

43 62.9 47.4 71.2

87 29.3 15.9 23.9#

59 11.0 7.7 11.5

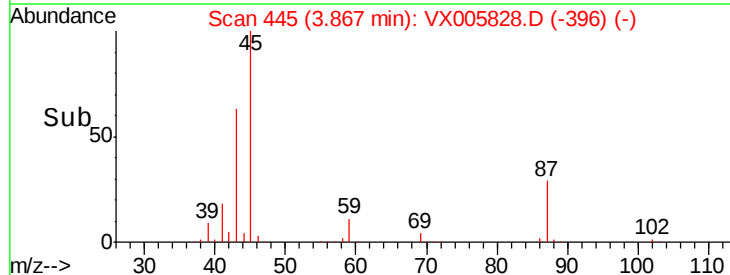
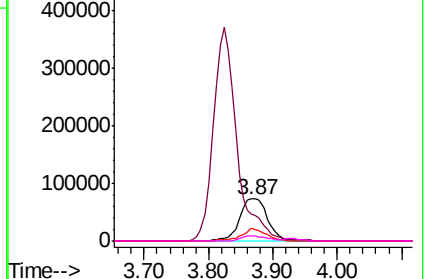


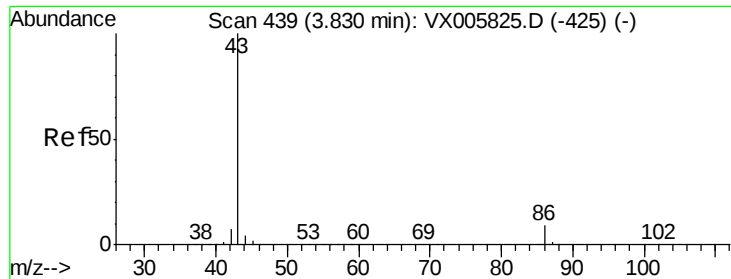
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 253.126 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

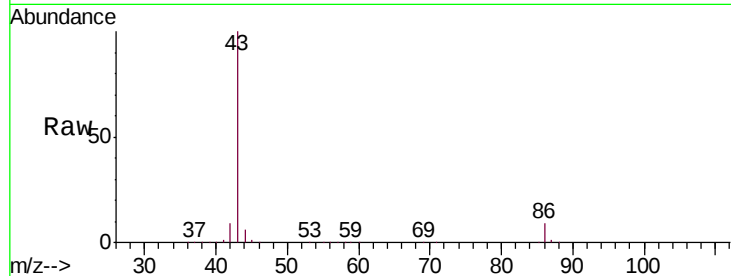
ICVVX110718

Tgt Ion: 43 Resp: 953401

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

200000

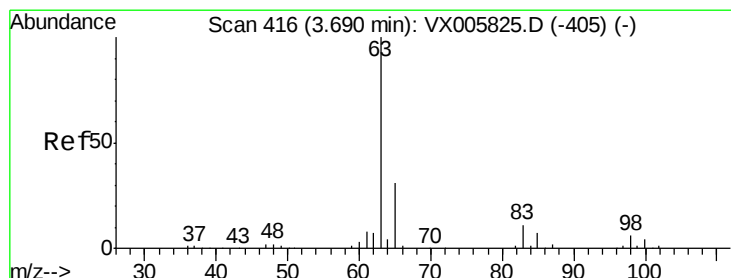
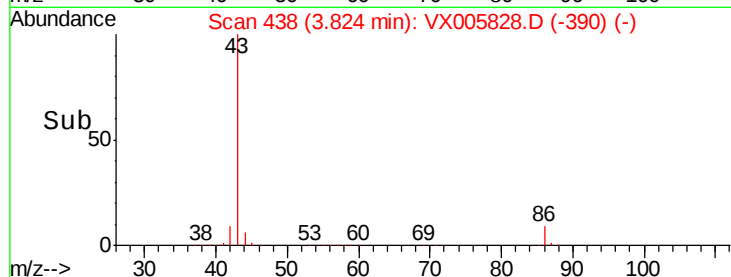
100000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.752 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

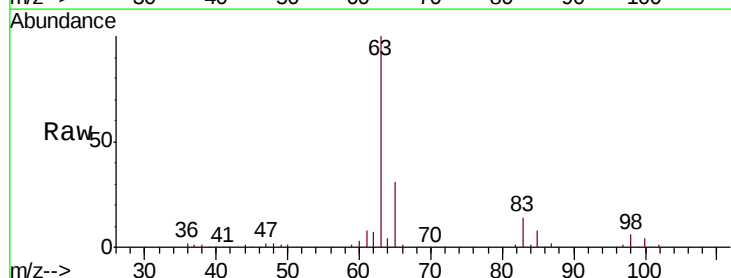
Tgt Ion: 63 Resp: 114258

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 4.3 2.1 6.2



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

60000

50000

40000

30000

20000

10000

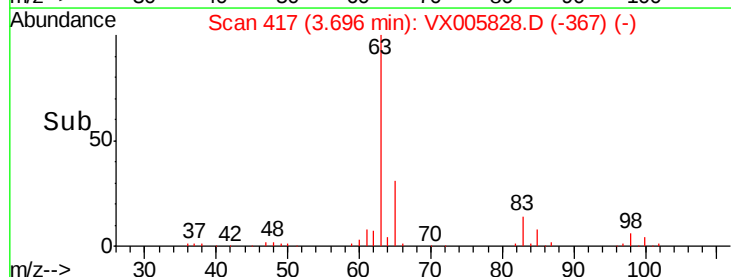
0

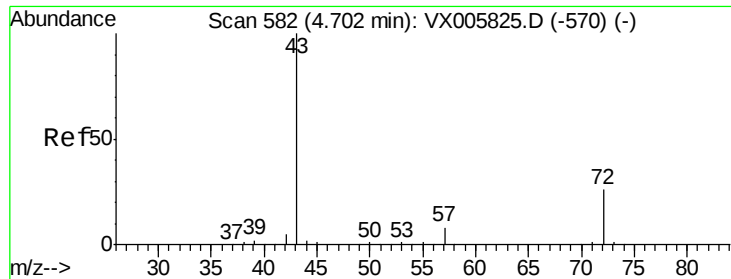
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 265.467 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

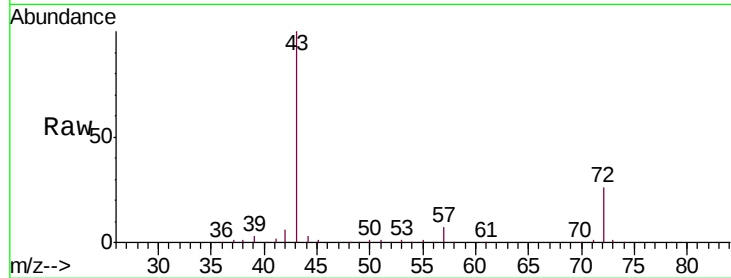
ICVVX110718

Tgt Ion: 43 Resp: 328166

Ion Ratio Lower Upper

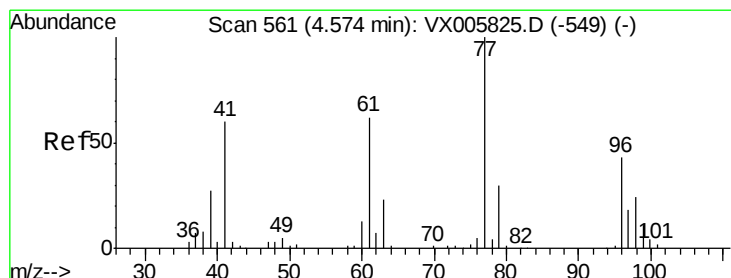
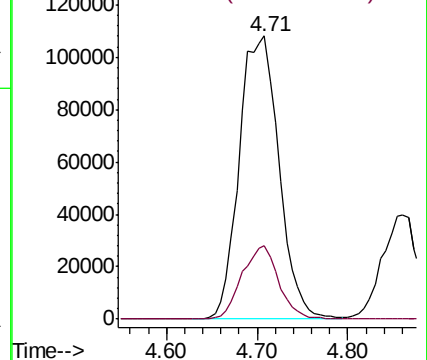
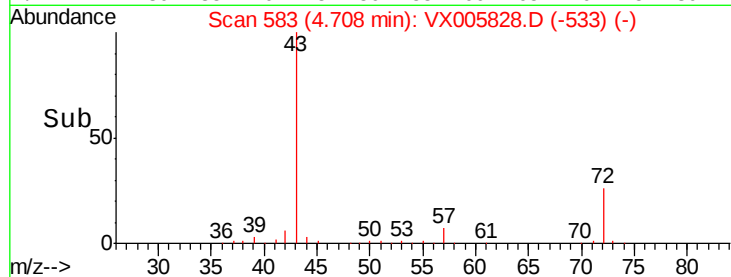
43 100

72 25.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005828.D (-533) (-)

Ion 72.00 (71.70 to 72.70): VX005828.D (-533) (-)



#26

2,2-Dichloropropane

Concen: 53.363 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005828.D

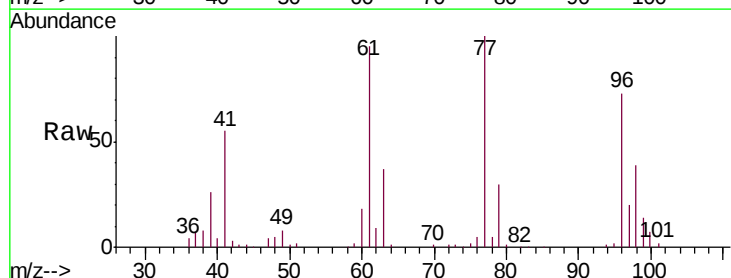
Acq: 07 Nov 2018 14:45

Tgt Ion: 77 Resp: 91741

Ion Ratio Lower Upper

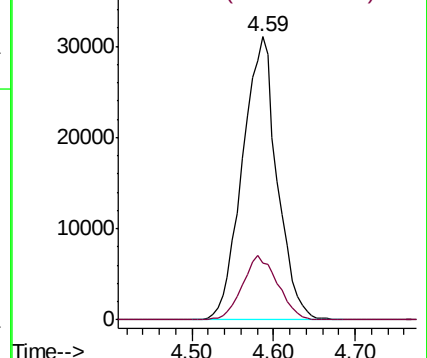
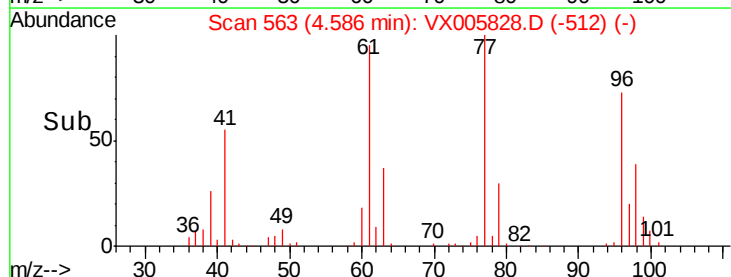
77 100

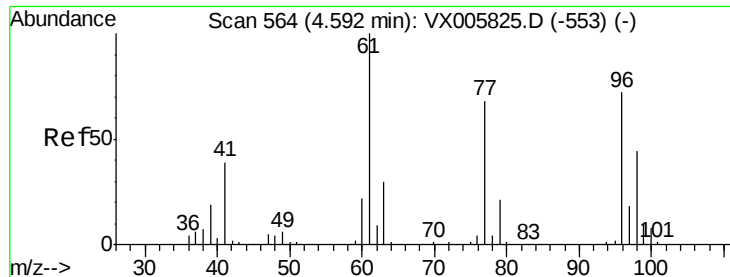
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005828.D (-512) (-)

Ion 96.90 (96.60 to 97.60): VX005828.D (-512) (-)



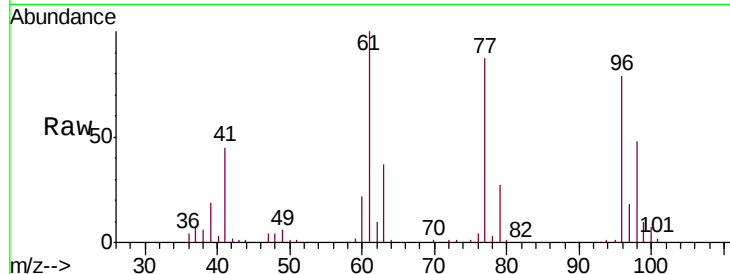


#27

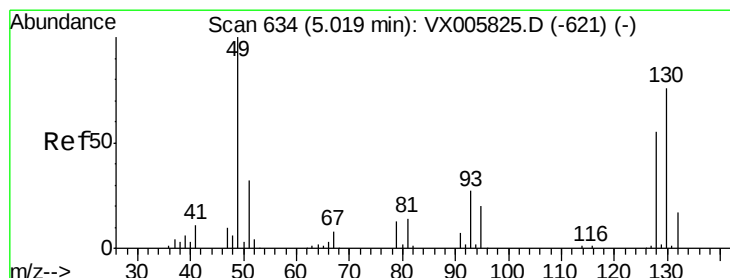
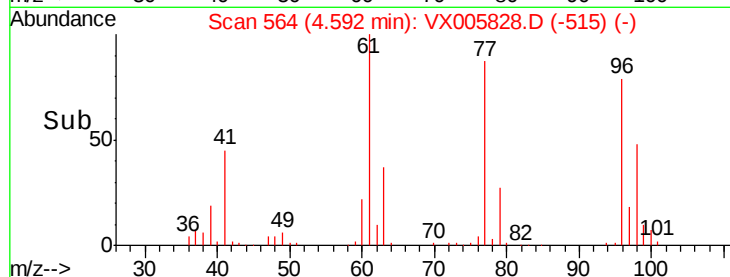
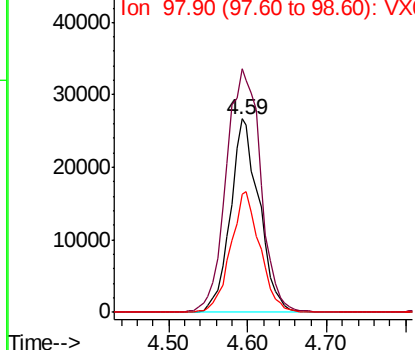
cis-1,2-Dichloroethene
Concen: 52.001 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Tgt Ion: 96 Resp: 67999
Ion Ratio Lower Upper
96 100
61 150.1 0.0 304.6
98 63.2 0.0 127.4



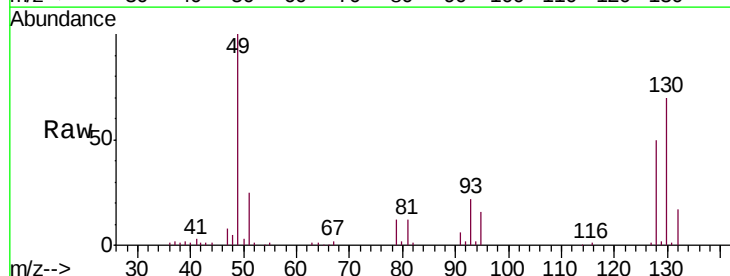
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



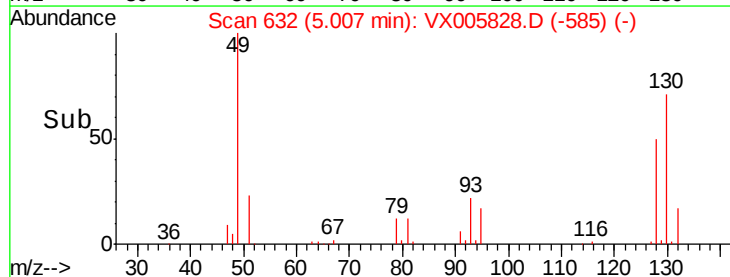
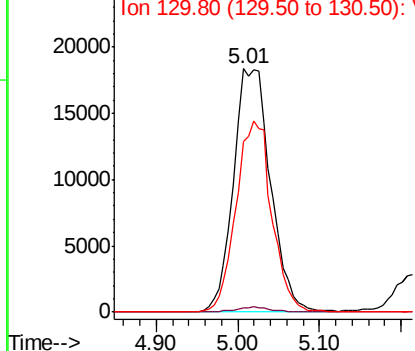
#28

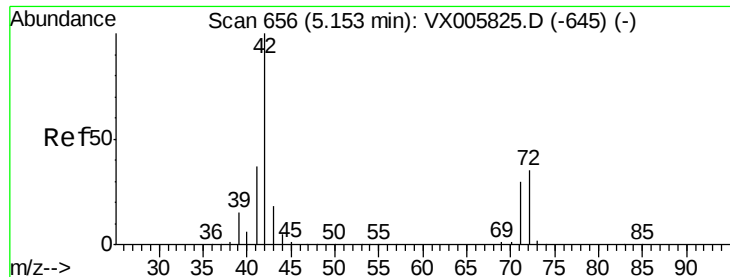
Bromochloromethane
Concen: 55.383 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 49 Resp: 58010
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 75.4 58.9 88.3



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

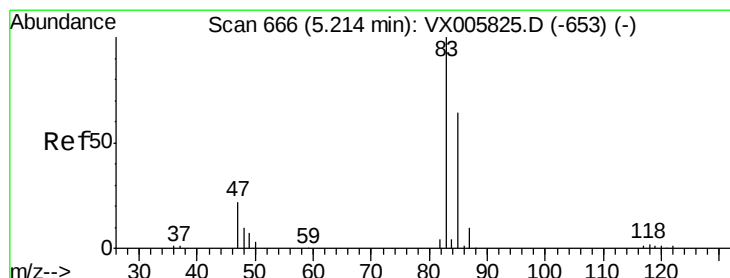
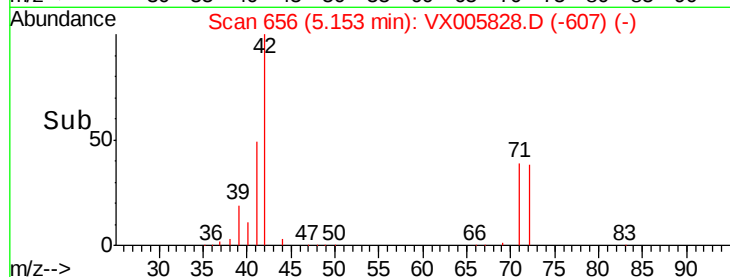
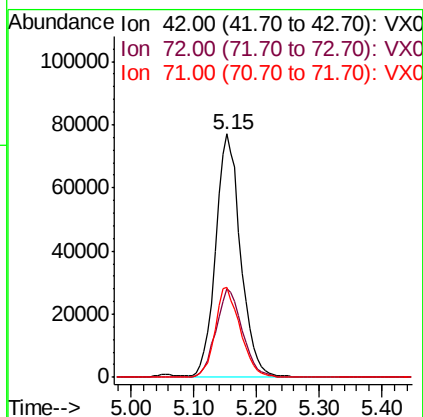
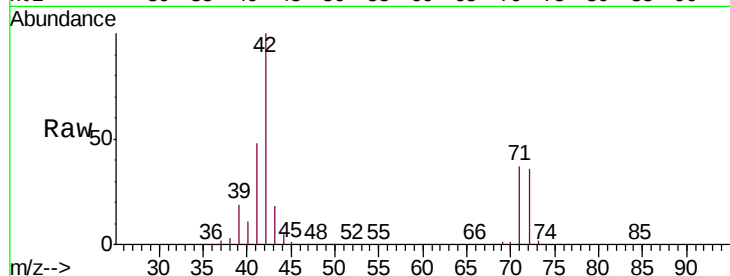




#29
Tetrahydrofuran
Concen: 265.973 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

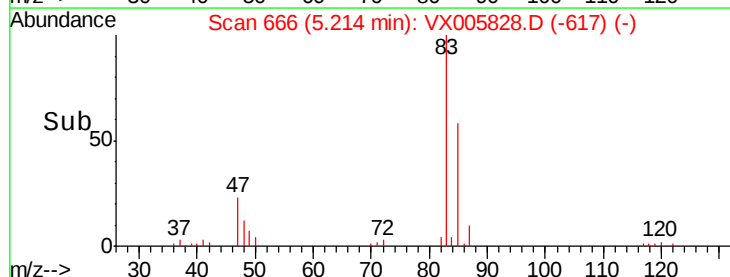
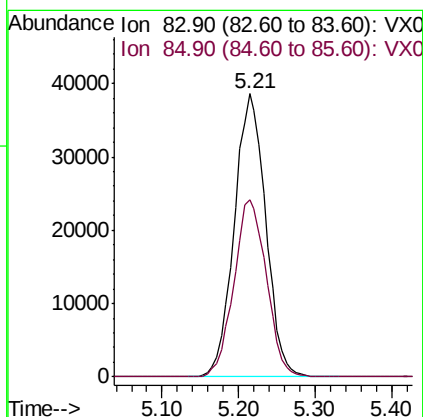
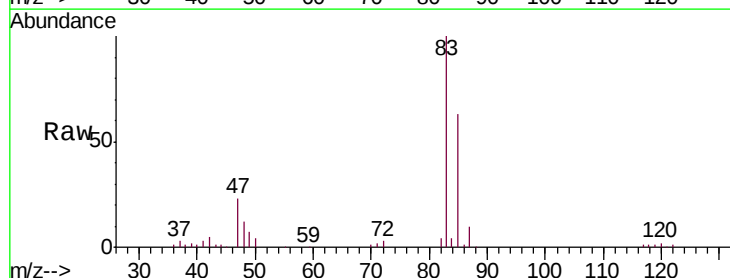
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

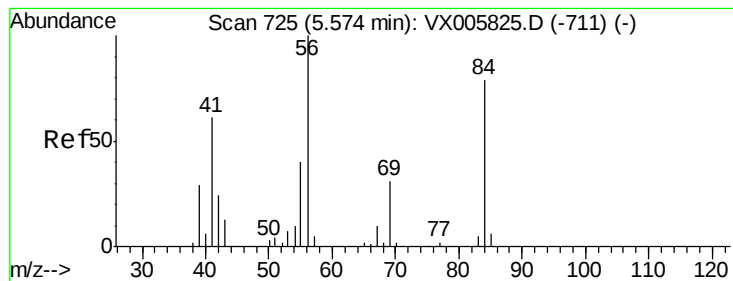
Tgt Ion: 42 Resp: 211109
Ion Ratio Lower Upper
42 100
72 38.8 32.0 48.0
71 37.4 29.8 44.8



#30
Chloroform
Concen: 48.594 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 83 Resp: 109877
Ion Ratio Lower Upper
83 100
85 62.6 50.6 76.0





#31

Cyclohexane

Concen: 51.454 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

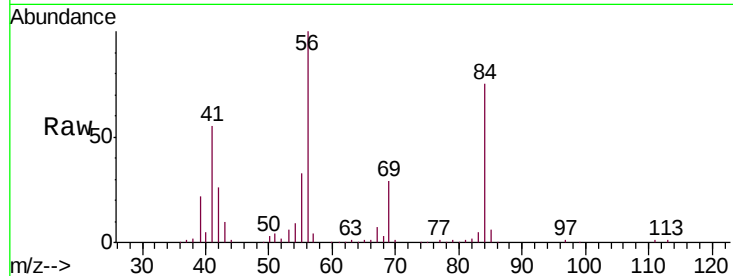
Tgt Ion: 56 Resp: 104680

Ion Ratio Lower Upper

56 100

69 28.5 22.6 34.0

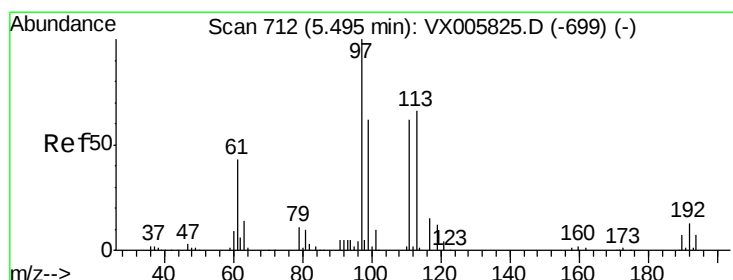
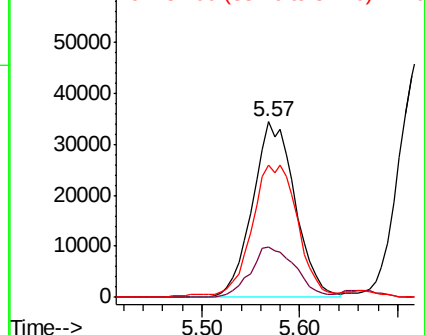
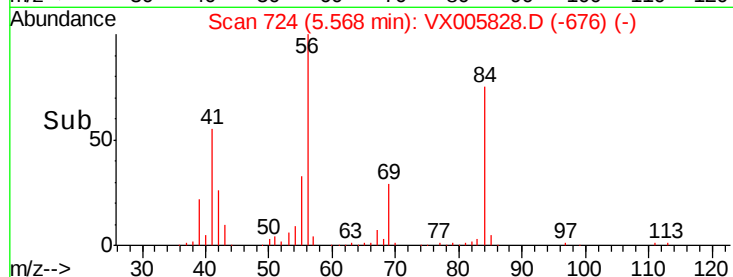
84 74.0 62.7 94.1



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: 51.879 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

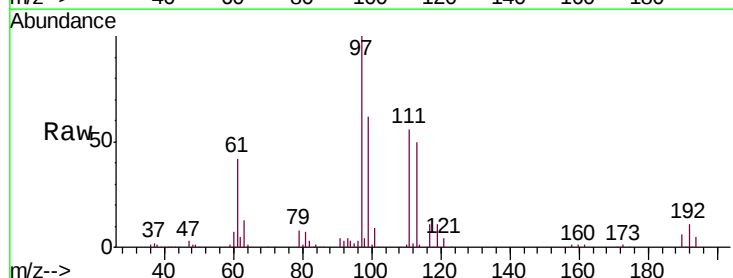
Tgt Ion: 97 Resp: 97843

Ion Ratio Lower Upper

97 100

99 63.4 52.3 78.5

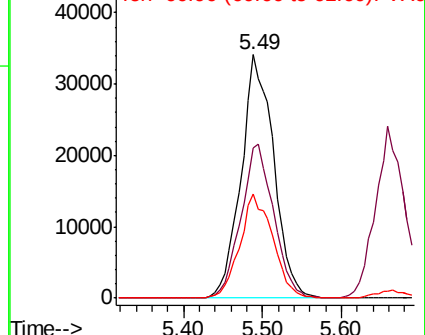
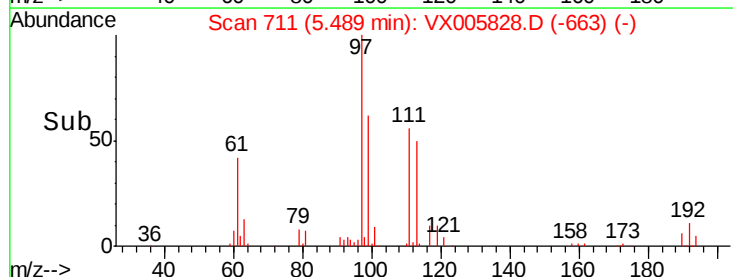
61 43.3 35.2 52.8

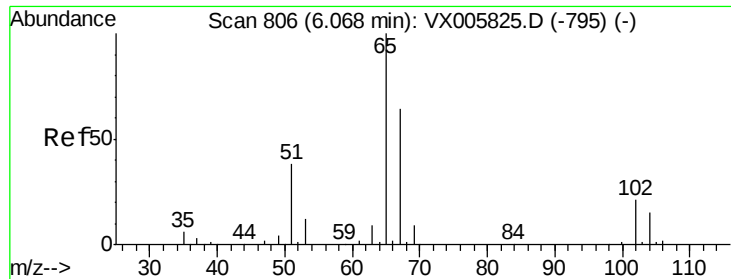


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

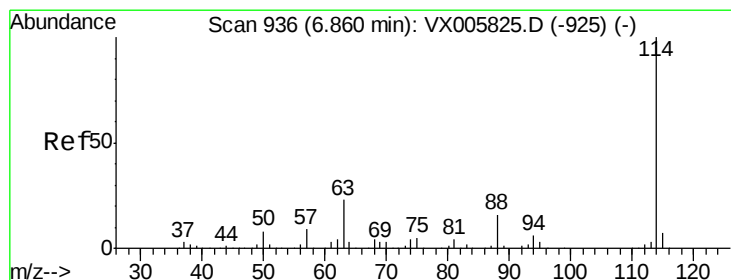
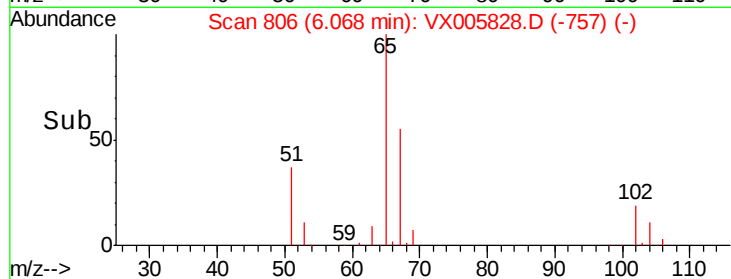
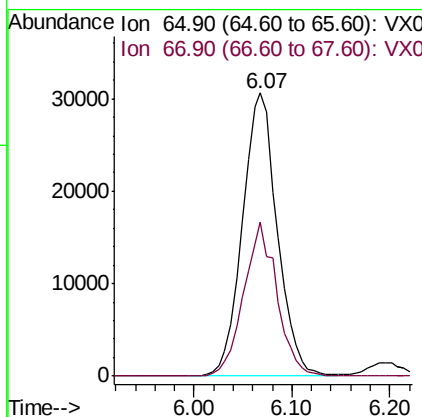
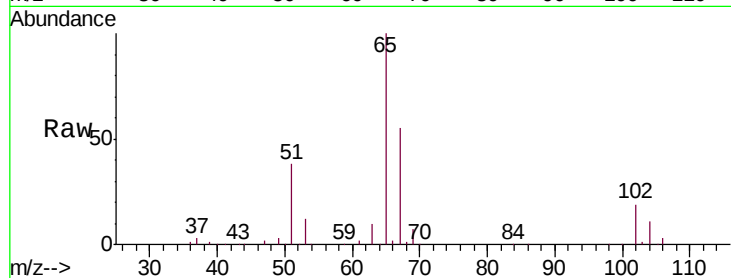




#33
 1,2-Dichloroethane-d4
 Concen: 51.629 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

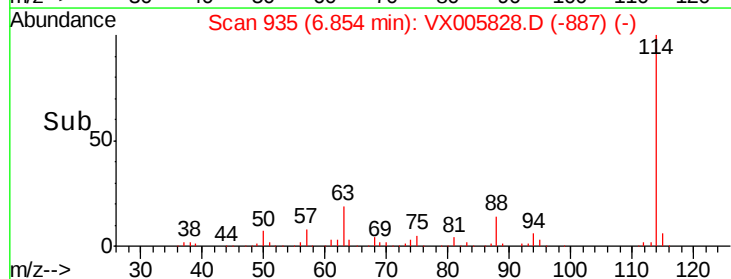
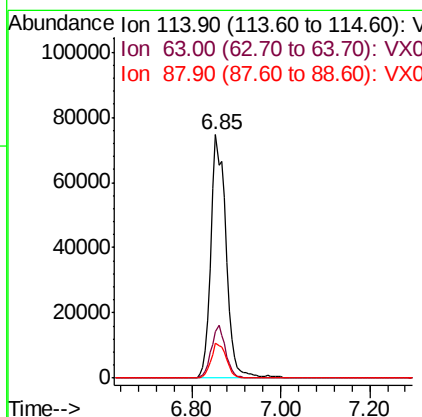
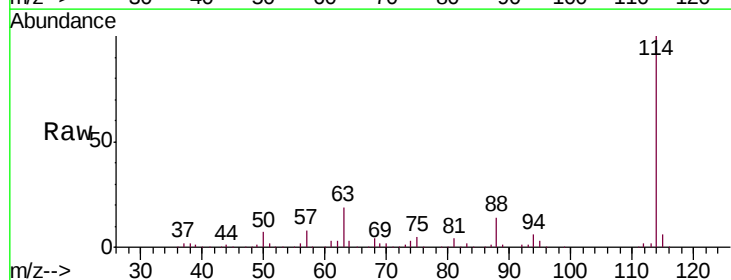
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

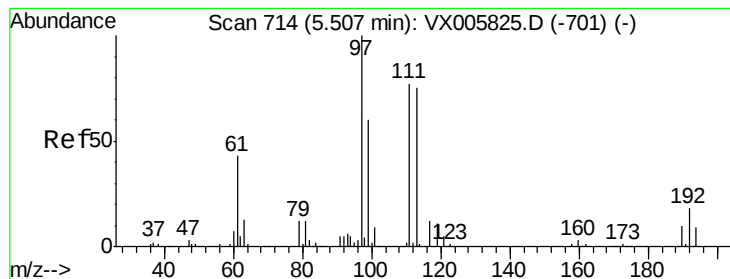
Tgt Ion: 65 Resp: 75397
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 114 Resp: 175532
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.8
 88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.081 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

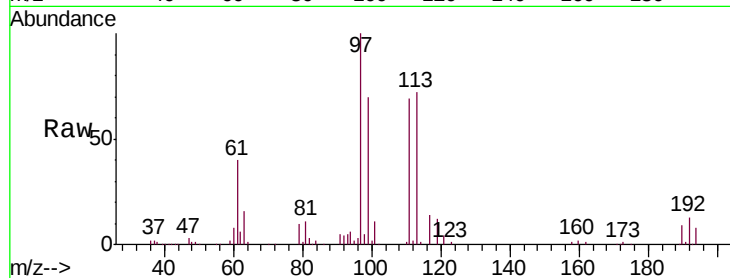
Tgt Ion:113 Resp: 59791

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

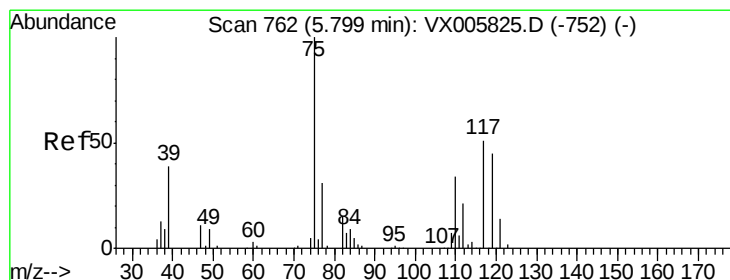
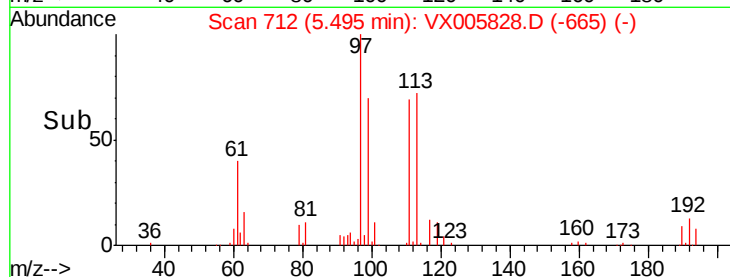
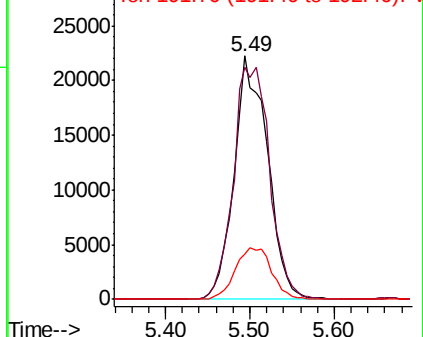
192 22.9 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.209 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

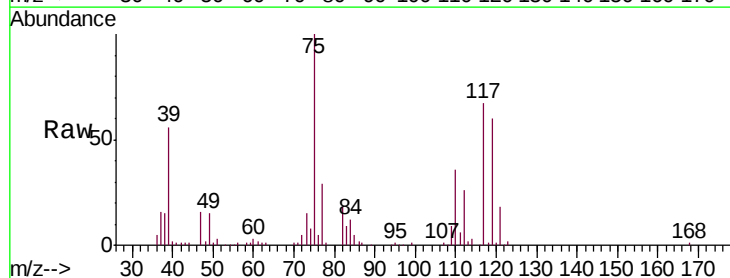
Tgt Ion: 75 Resp: 84962

Ion Ratio Lower Upper

75 100

110 36.5 17.4 52.2

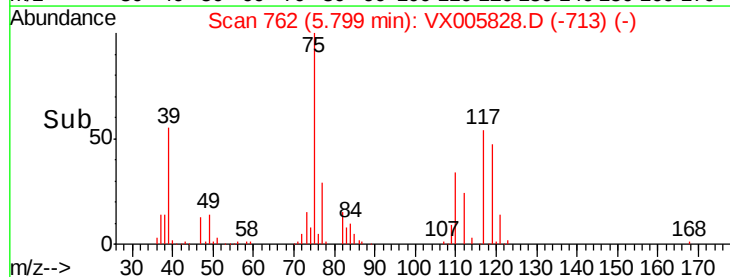
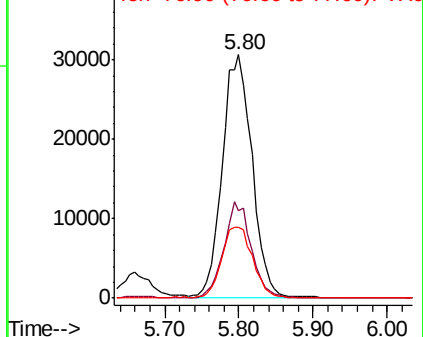
77 30.3 25.8 38.6

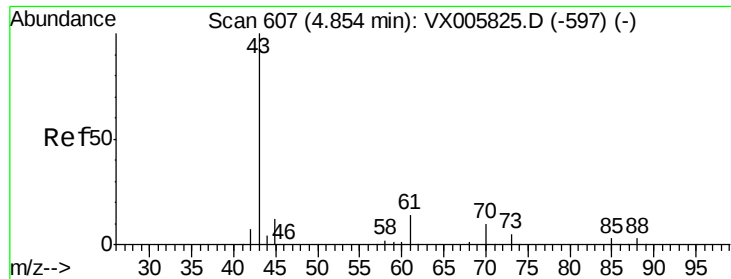


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

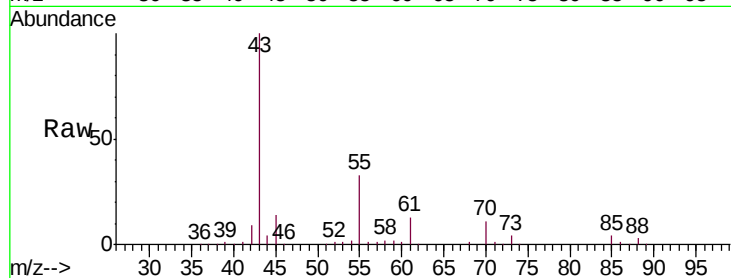




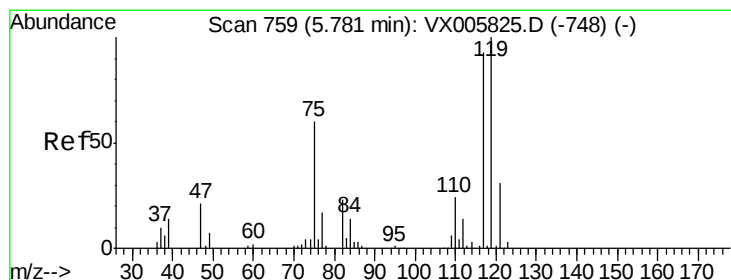
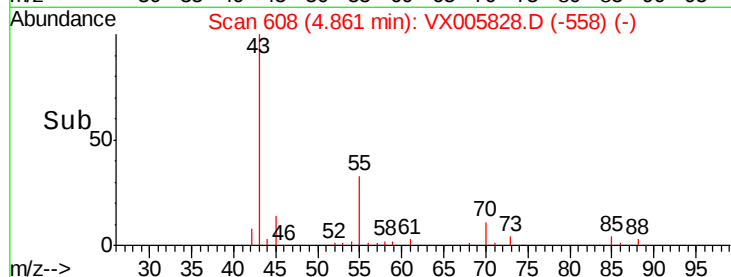
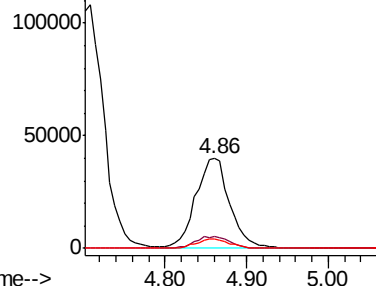
#37
Ethyl Acetate
Concen: 51.157 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampled :
ICVX110718

Tgt Ion: 43 Resp: 113837
Ion Ratio Lower Upper
43 100
61 13.9 10.8 16.2
70 10.3 7.8 11.8

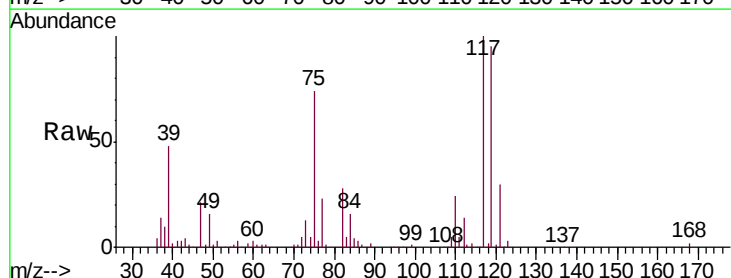


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

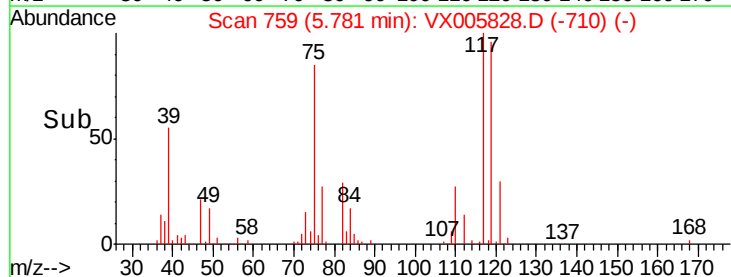
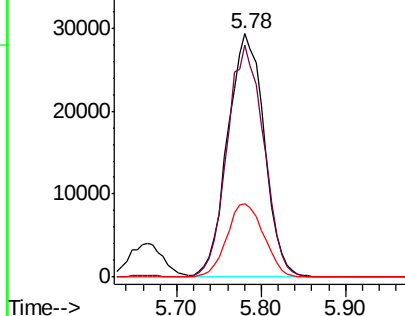


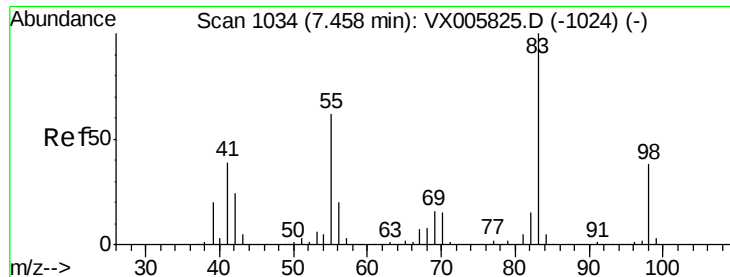
#38
Carbon Tetrachloride
Concen: 50.988 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 117 Resp: 86377
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1
121 29.9 24.6 36.8



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

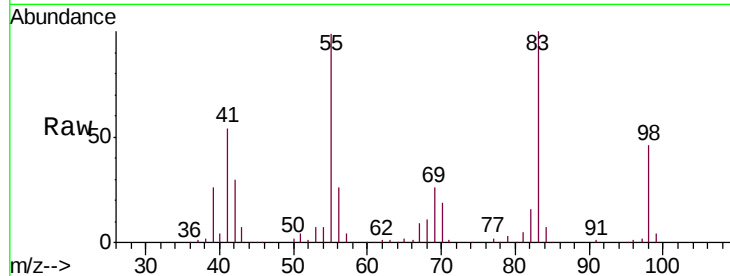




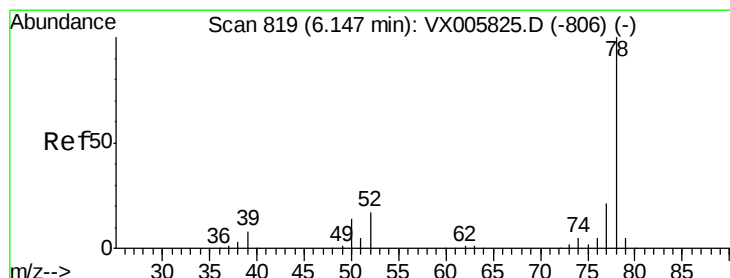
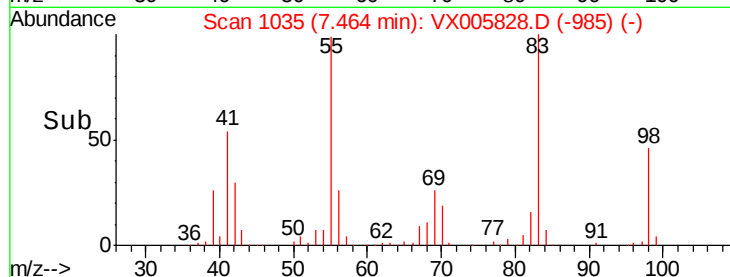
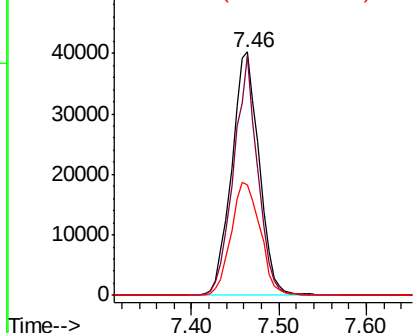
#39
Methylcyclohexane
Concen: 51.337 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Tgt Ion: 83 Resp: 88046
Ion Ratio Lower Upper
83 100
55 98.7 63.7 95.5#
98 45.6 36.2 54.2

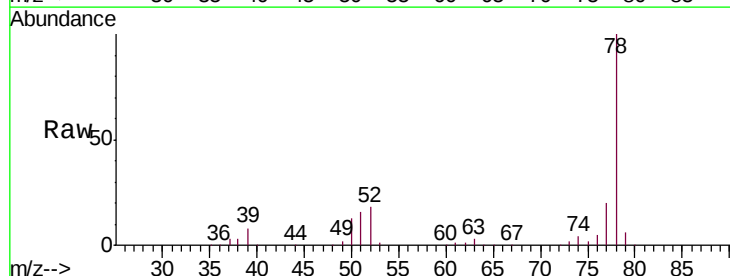


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

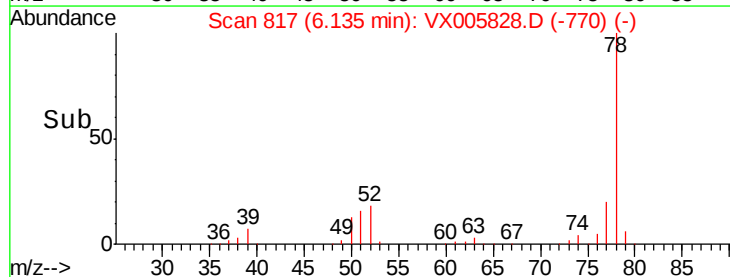
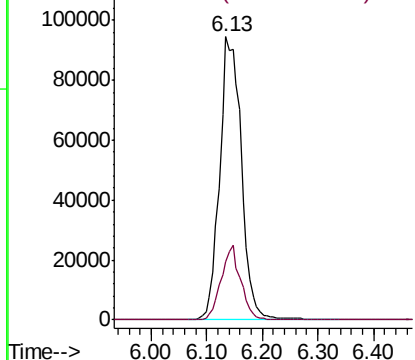


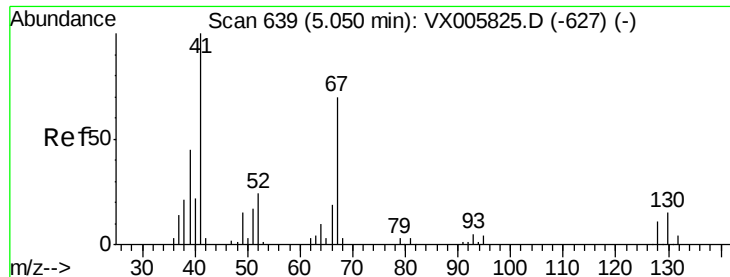
#40
Benzene
Concen: 51.732 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 78 Resp: 255199
Ion Ratio Lower Upper
78 100
77 20.3 18.4 27.6



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





#41

Methacrylonitrile

Concen: 53.604 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

Tgt Ion: 41 Resp: 64454

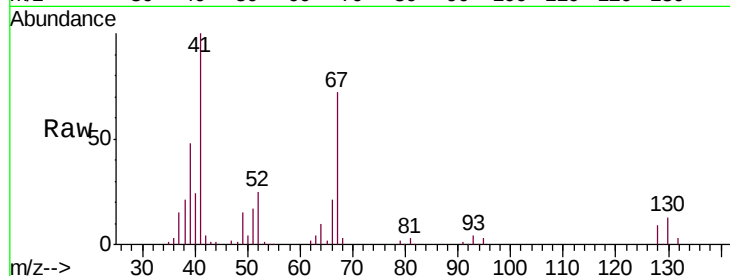
Ion Ratio Lower Upper

41 100

39 51.4 42.2 63.2

67 65.0 53.4 80.0

52 27.0 23.4 35.2

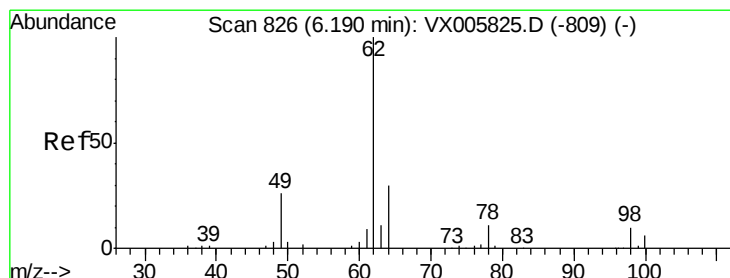
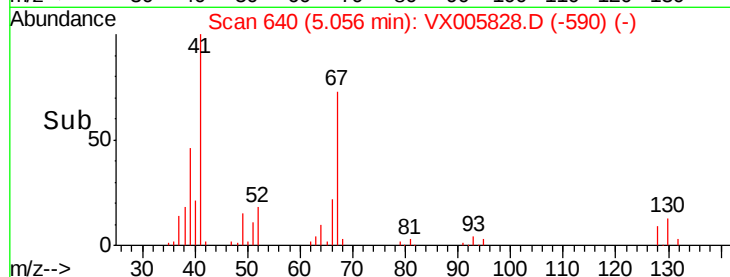
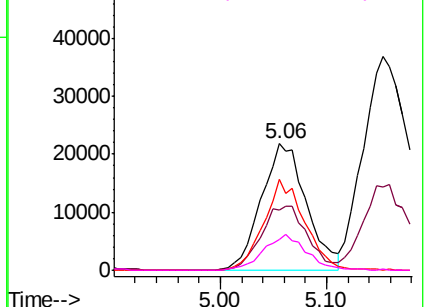


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.082 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX005828.D

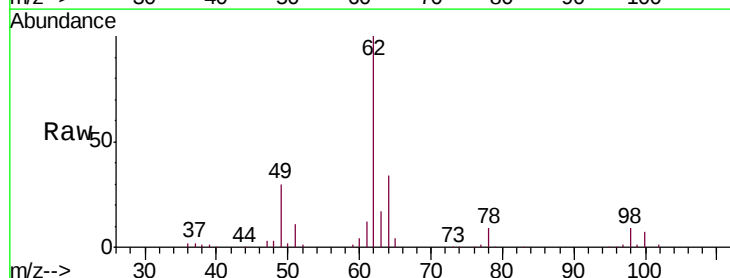
Acq: 07 Nov 2018 14:45

Tgt Ion: 62 Resp: 88490

Ion Ratio Lower Upper

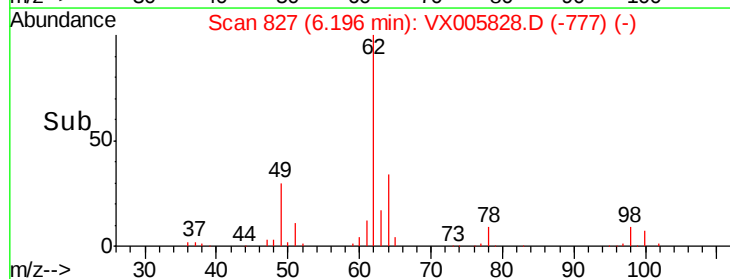
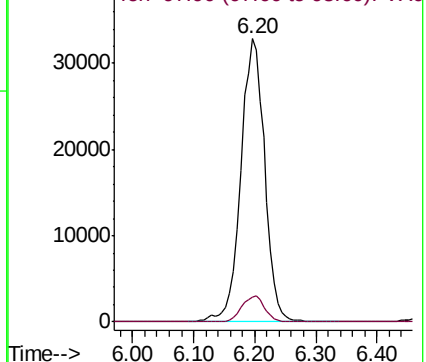
62 100

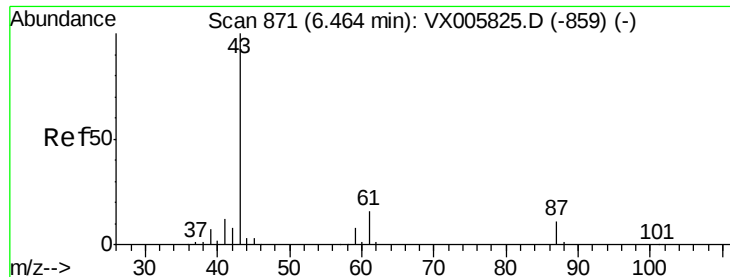
98 8.8 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.801 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

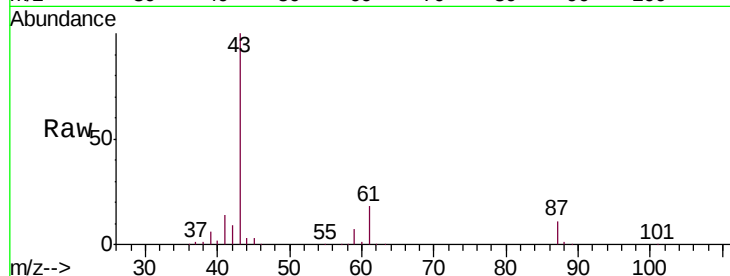
Tgt Ion: 43 Resp: 167027

Ion Ratio Lower Upper

43 100

61 19.9 14.6 22.0

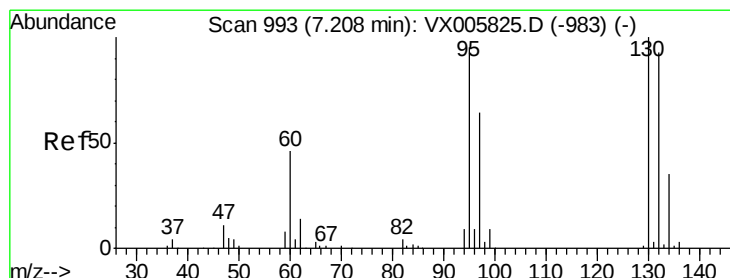
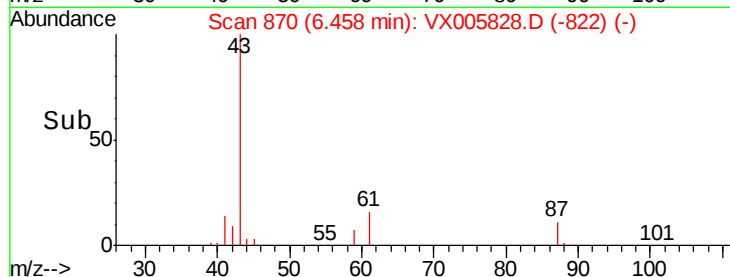
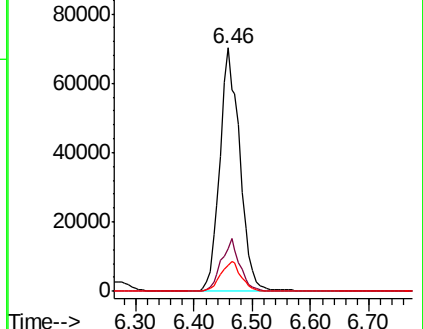
87 12.4 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005828.D (-822) (-)

Ion 61.00 (60.70 to 61.70): VX005828.D (-822) (-)

Ion 87.00 (86.70 to 87.70): VX005828.D (-822) (-)



#44

Trichloroethene

Concen: 49.277 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005828.D

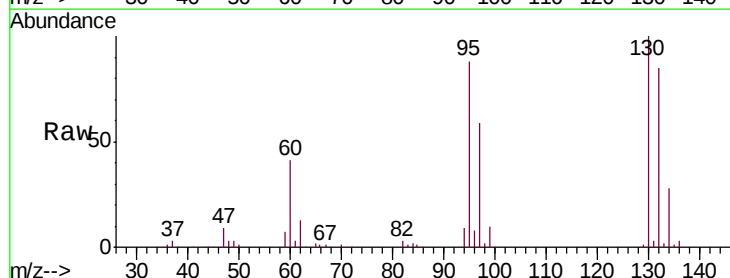
Acq: 07 Nov 2018 14:45

Tgt Ion: 130 Resp: 61733

Ion Ratio Lower Upper

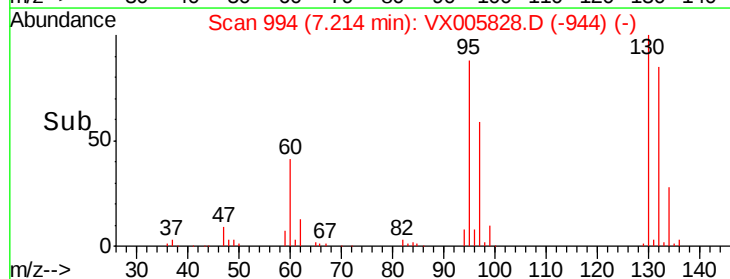
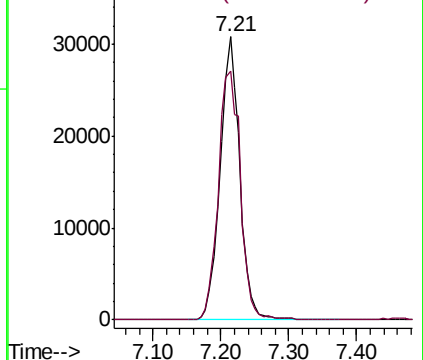
130 100

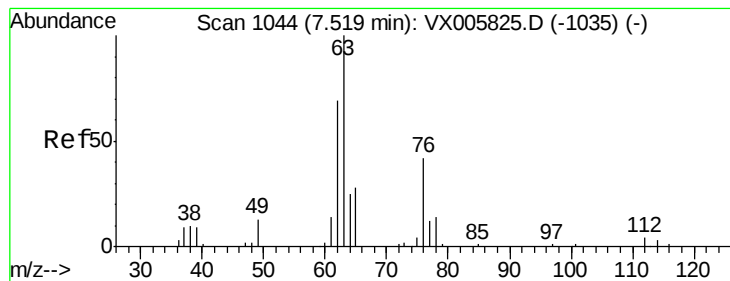
95 87.8 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005828.D (-944) (-)

Ion 94.90 (94.60 to 95.60): VX005828.D (-944) (-)





#45

1,2-Dichloropropane

Concen: 51.048 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

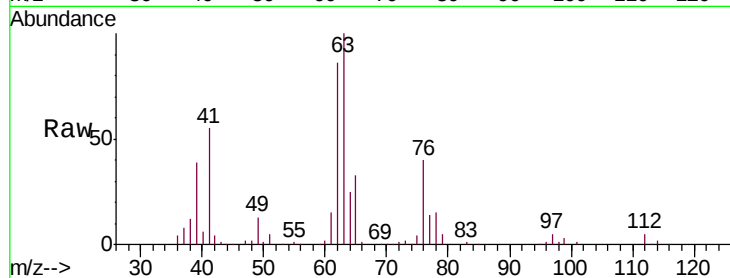
ICVVX110718

Tgt Ion: 63 Resp: 61122

Ion Ratio Lower Upper

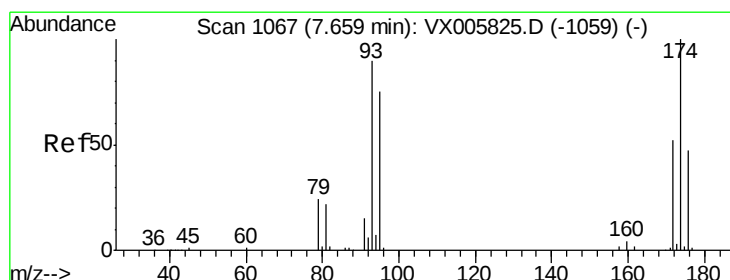
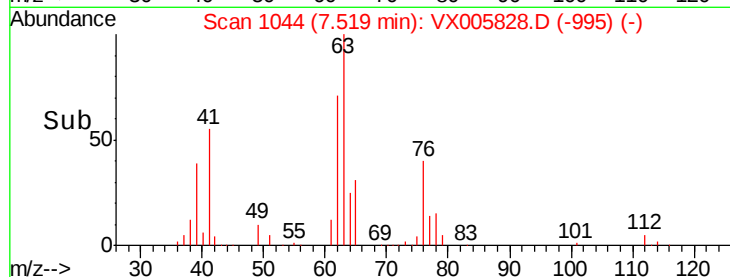
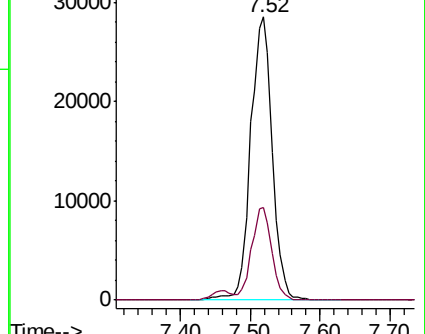
63 100

65 32.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.929 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

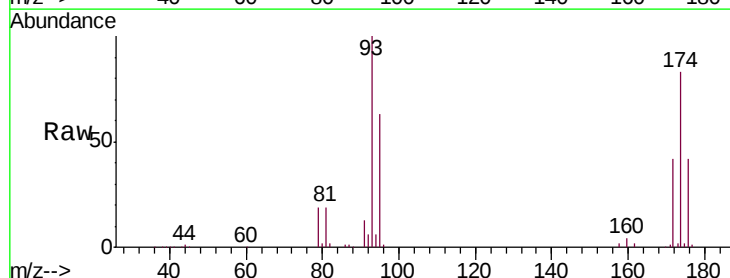
Tgt Ion: 93 Resp: 39768

Ion Ratio Lower Upper

93 100

95 79.9 67.4 101.0

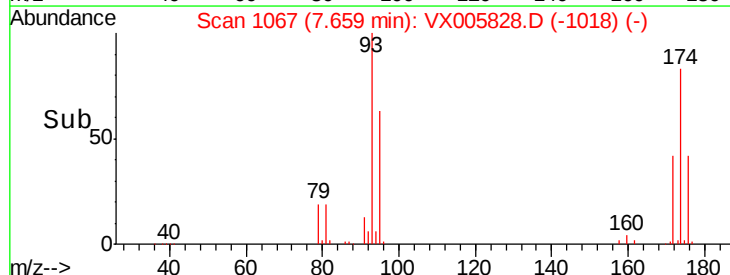
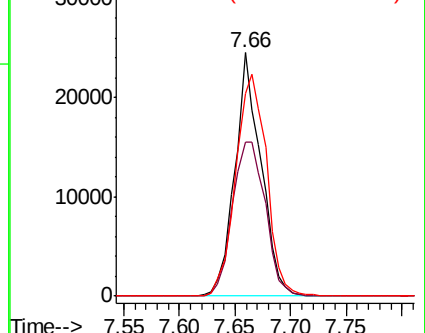
174 107.5 91.5 137.3

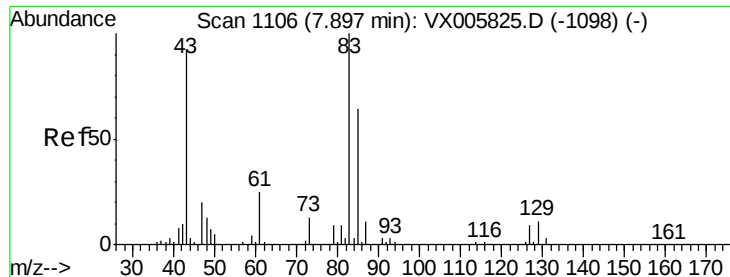


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.594 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

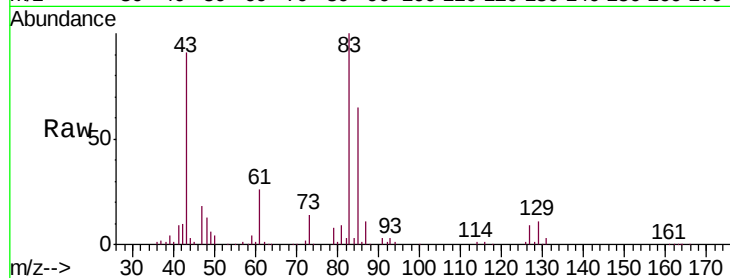
Tgt Ion: 83 Resp: 71840

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

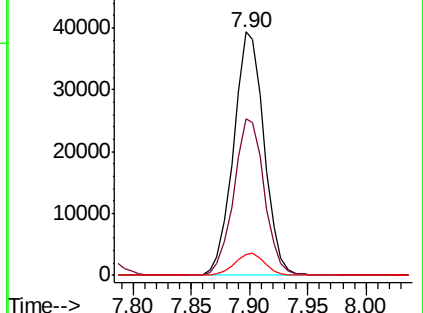
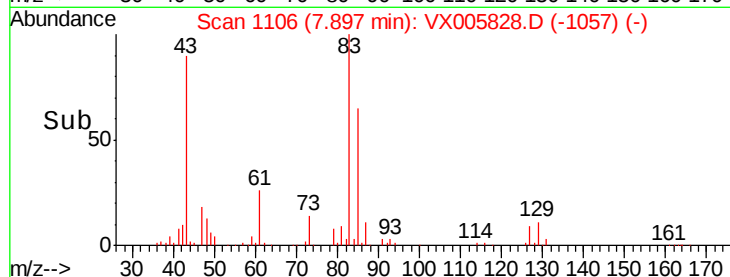
127 8.6 6.9 10.3



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: 52.145 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

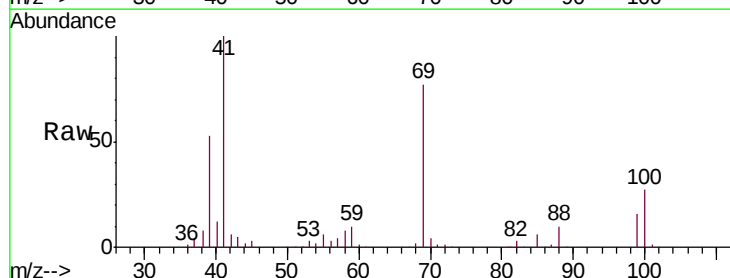
Tgt Ion: 41 Resp: 75496

Ion Ratio Lower Upper

41 100

69 79.4 63.2 94.8

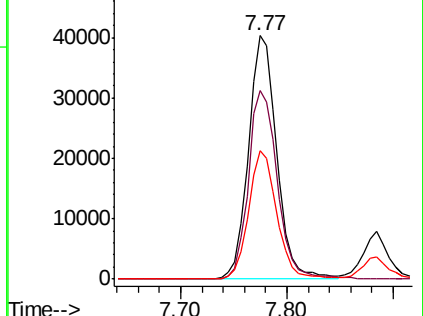
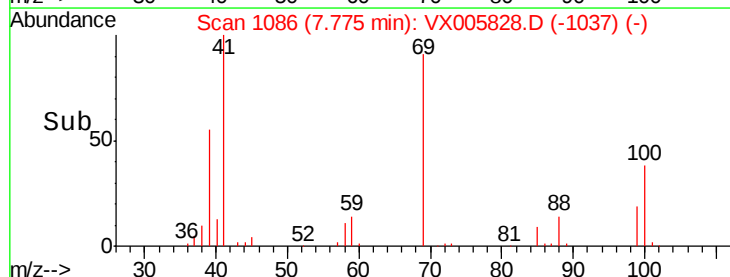
39 52.4 42.2 63.2



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

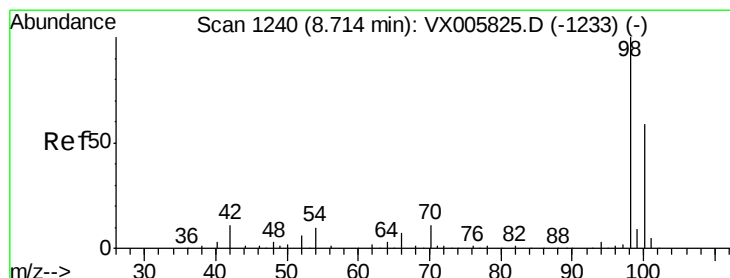
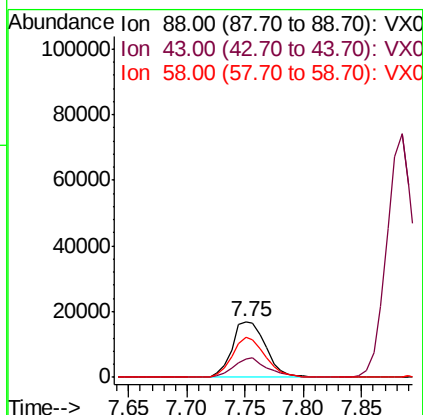
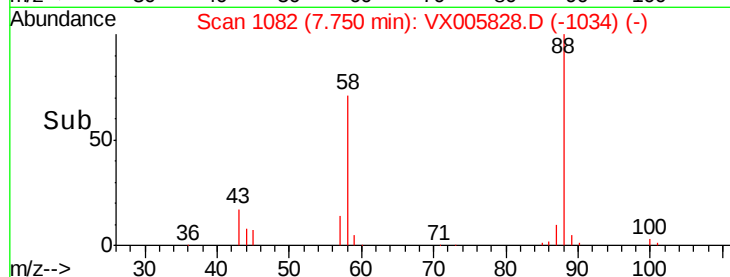
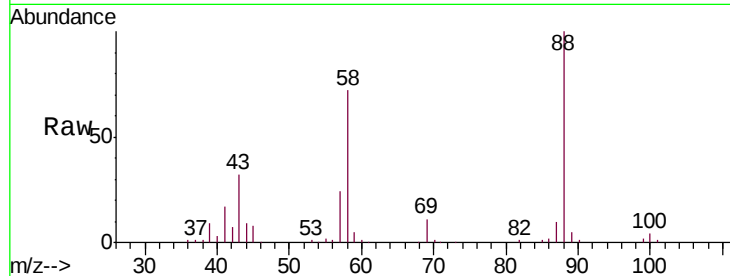




#49
1,4-Dioxane
Concen: 1091.596 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

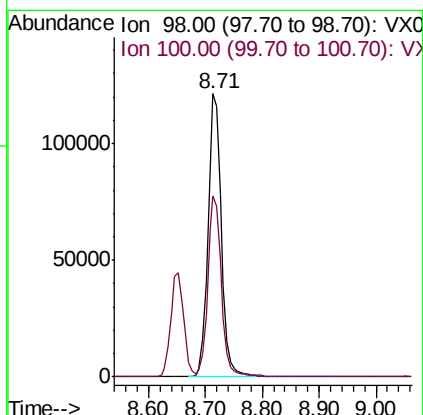
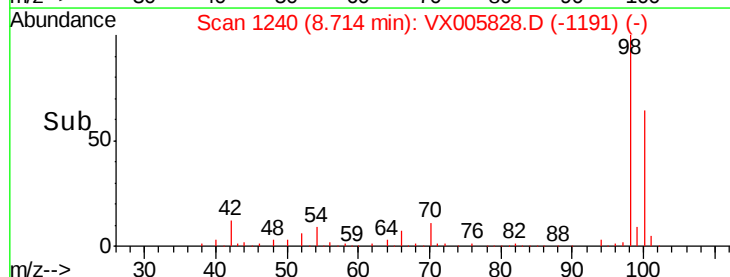
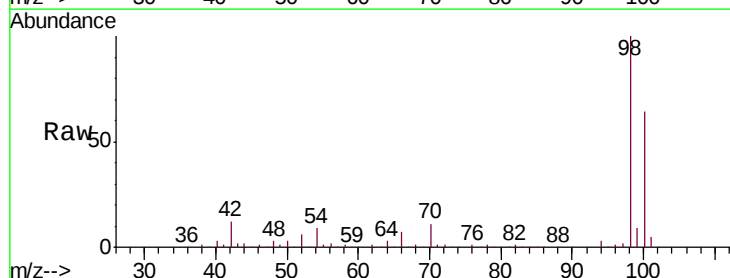
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Tgt Ion: 88 Resp: 34056
Ion Ratio Lower Upper
88 100
43 34.7 27.4 41.0
58 70.5 59.4 89.2



#50
Toluene-d8
Concen: 50.097 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 98 Resp: 198841
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9

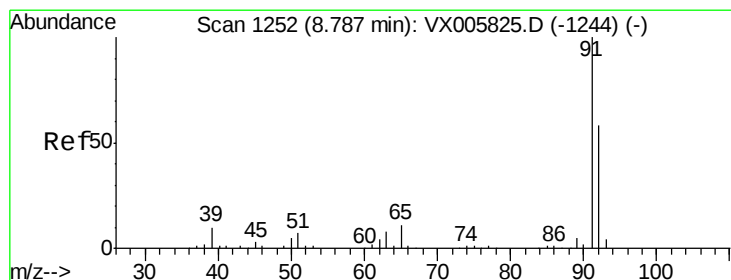
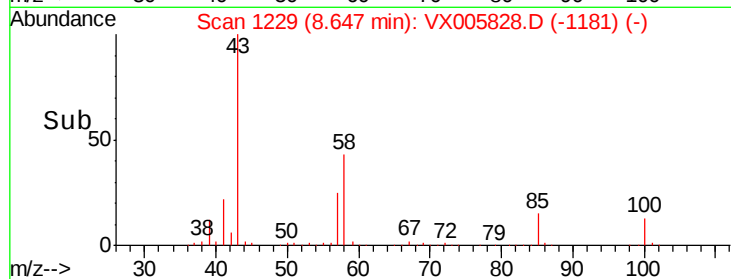
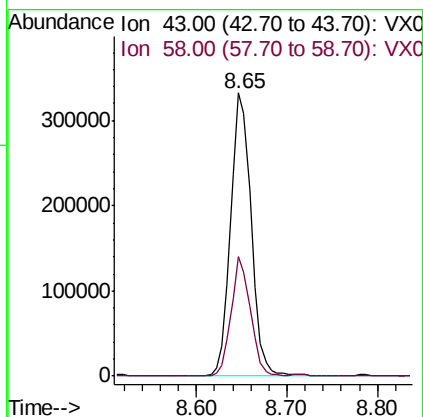
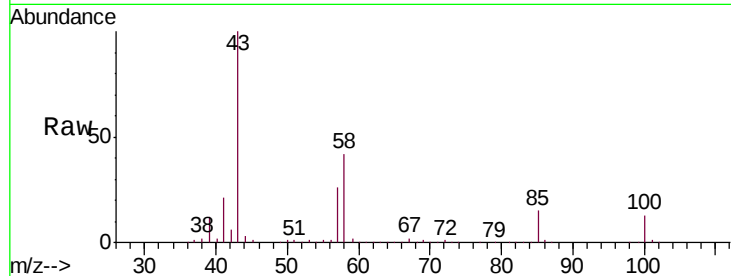




#51
4-Methyl-2-Pentanone
Concen: 258.029 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

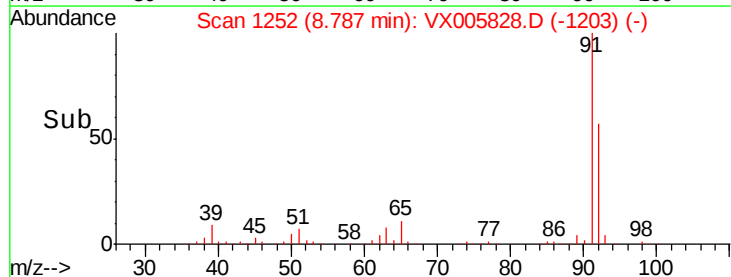
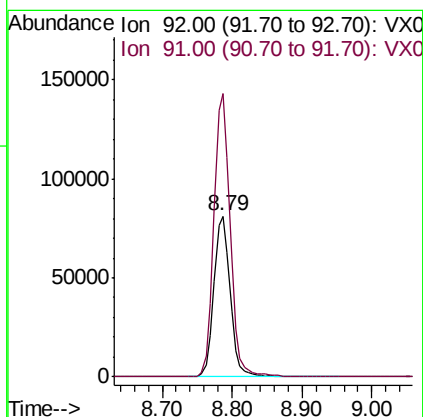
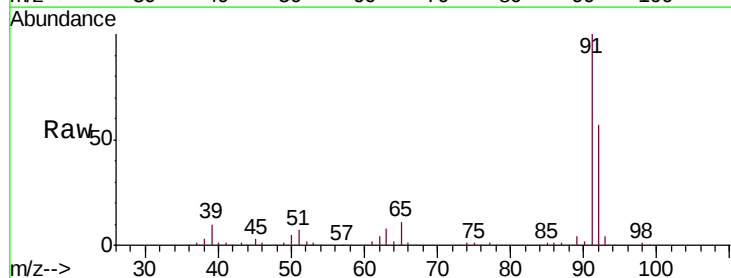
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

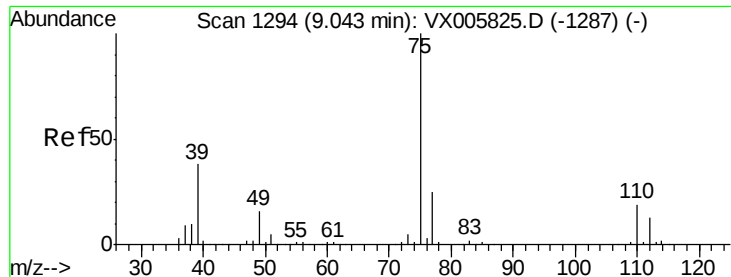
Tgt Ion: 43 Resp: 524351
Ion Ratio Lower Upper
43 100
58 39.6 29.7 44.5



#52
Toluene
Concen: 47.907 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 92 Resp: 132080
Ion Ratio Lower Upper
92 100
91 175.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 49.485 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

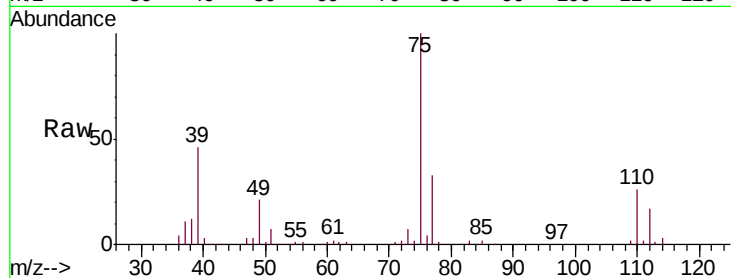
ICVVX110718

Tgt Ion: 75 Resp: 82920

Ion Ratio Lower Upper

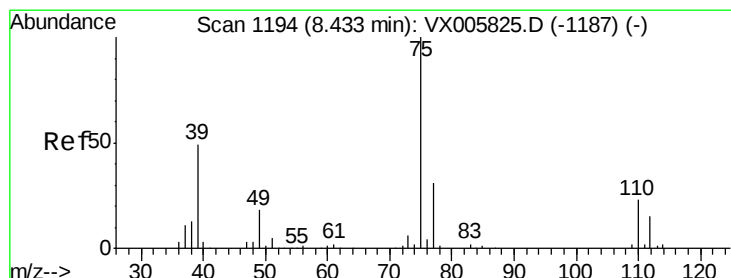
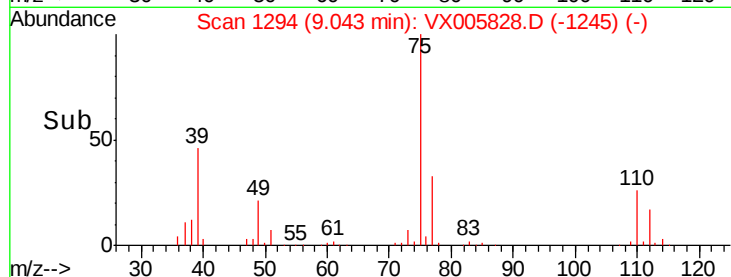
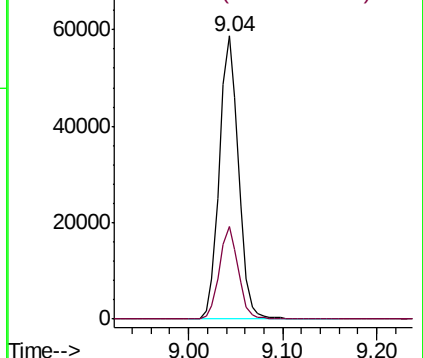
75 100

77 32.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.669 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

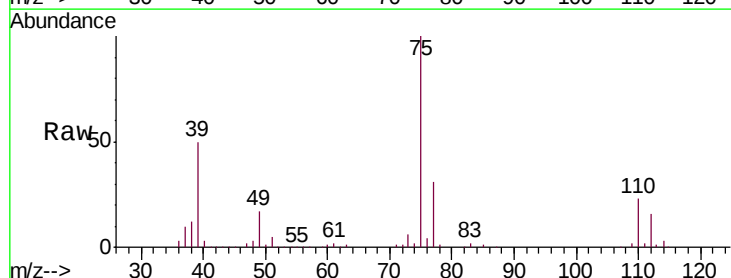
Tgt Ion: 75 Resp: 89955

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

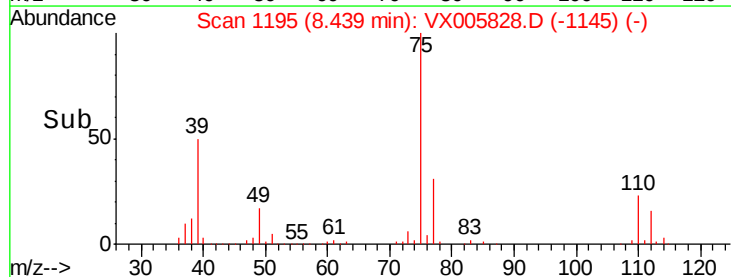
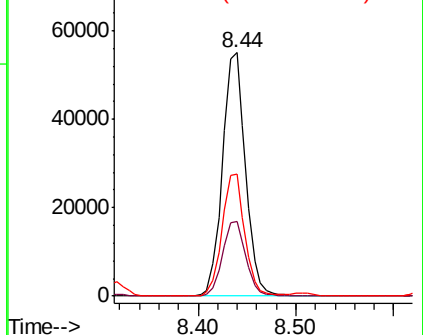
39 49.9 38.2 57.2

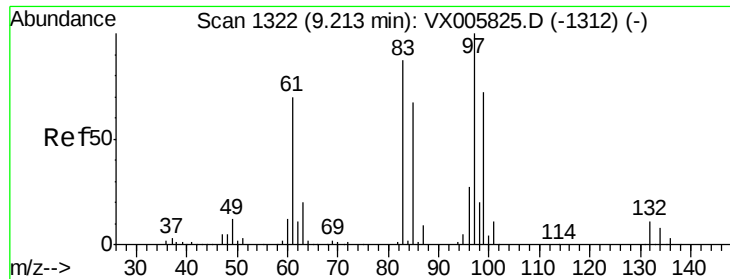


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

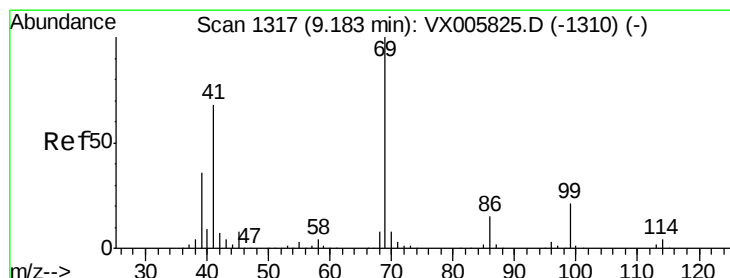
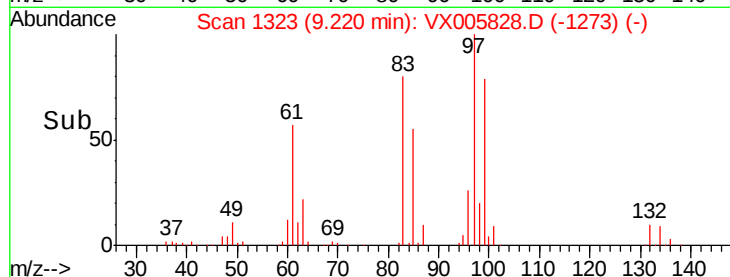
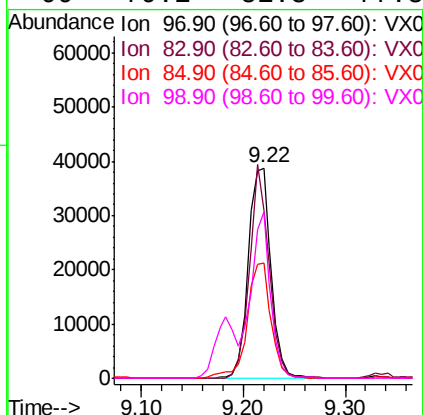
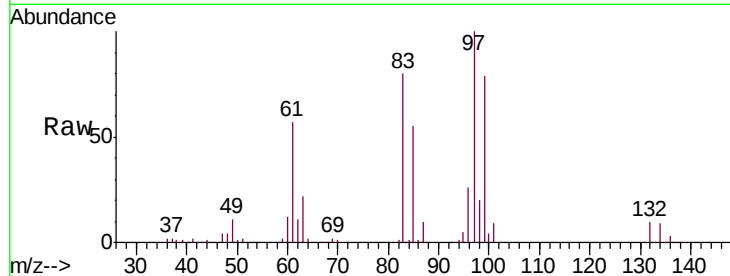




#55
 1,1,2-Trichloroethane
 Concen: 49.047 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

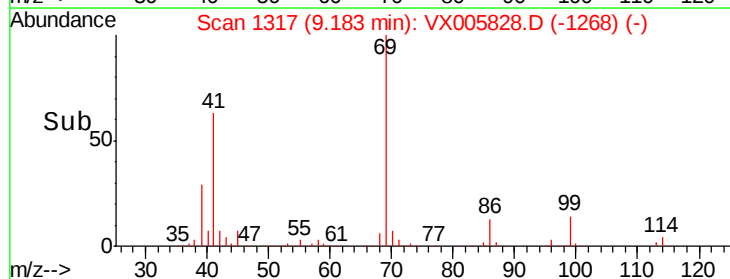
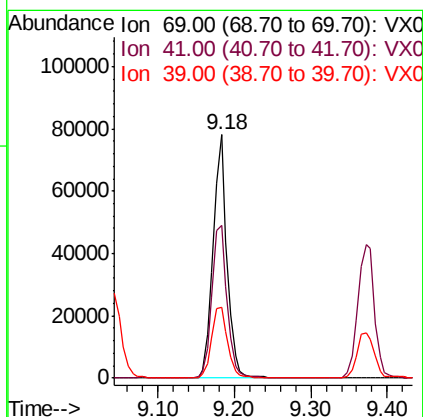
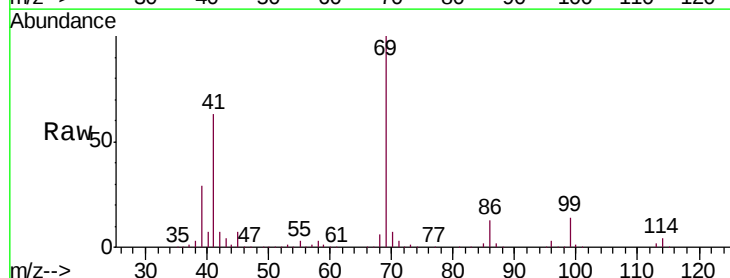
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

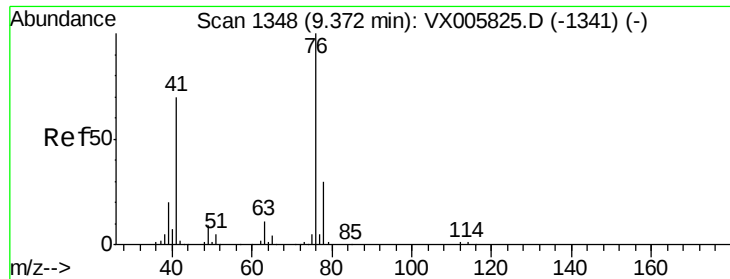
Tgt Ion: 97 Resp: 60266
 Ion Ratio Lower Upper
 97 100
 83 80.0 70.7 106.1
 85 54.7 45.8 68.6
 99 79.1 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 53.653 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 69 Resp: 98641
 Ion Ratio Lower Upper
 69 100
 41 69.4 57.0 85.6
 39 33.1 28.3 42.5

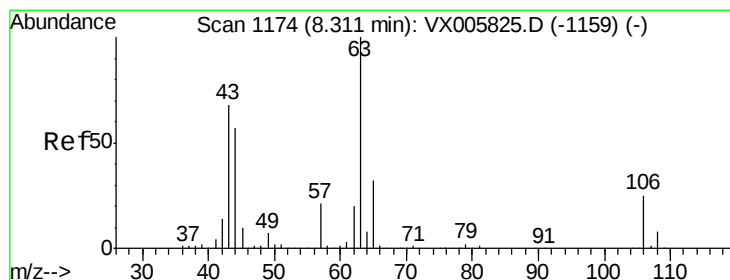
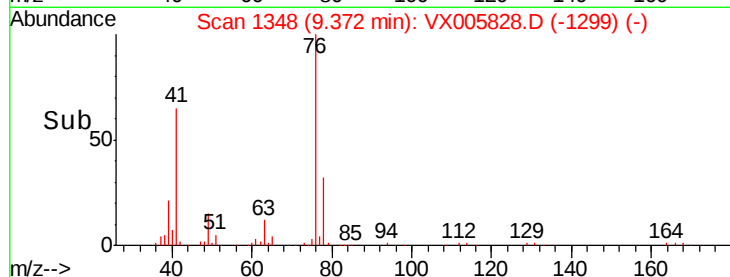
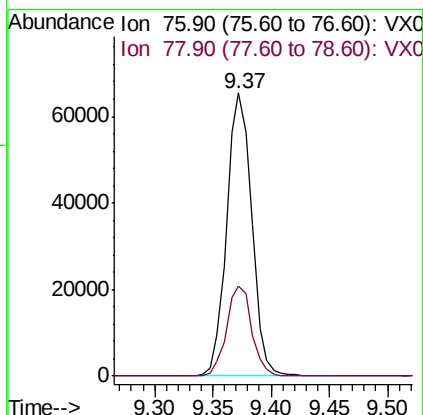
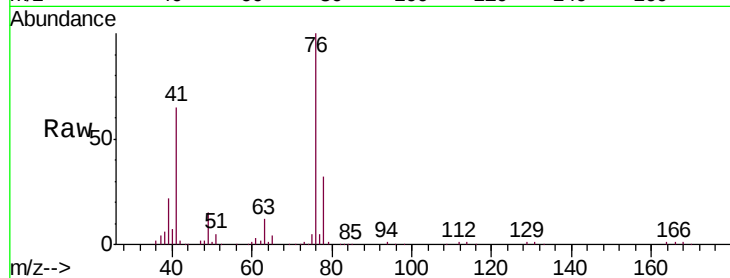




#57
 1,3-Dichloropropane
 Concen: 47.486 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

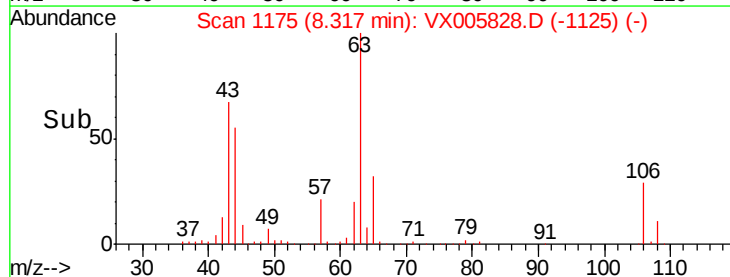
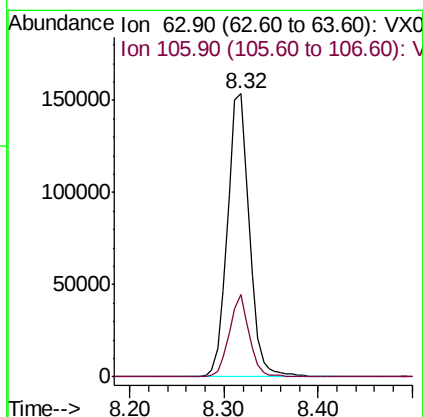
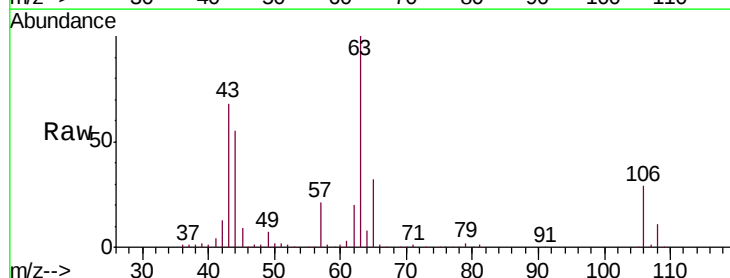
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

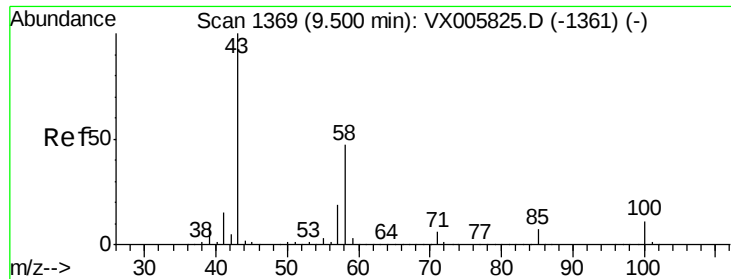
Tgt Ion: 76 Resp: 98053
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.717 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 63 Resp: 247051
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9

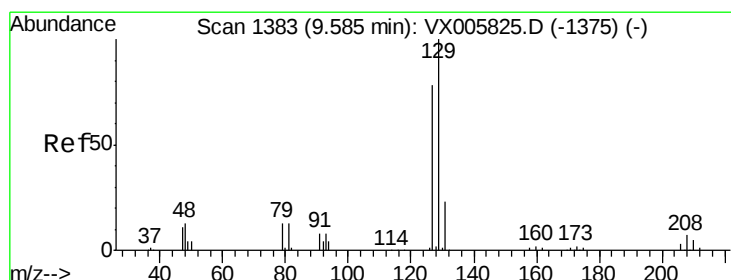
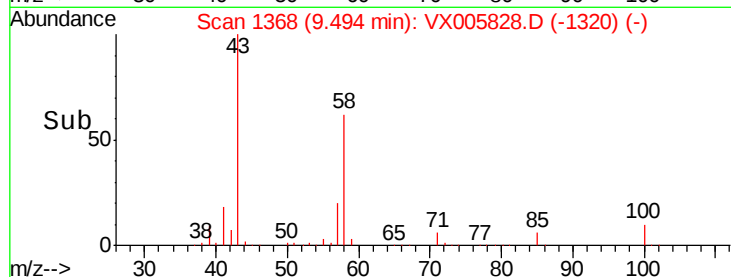
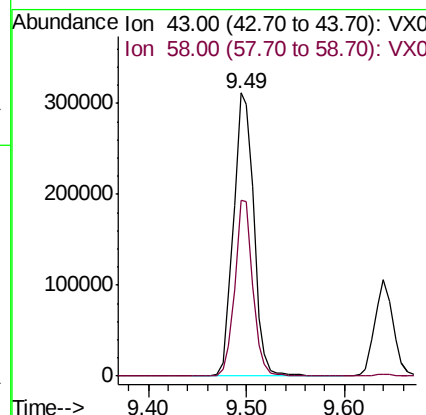
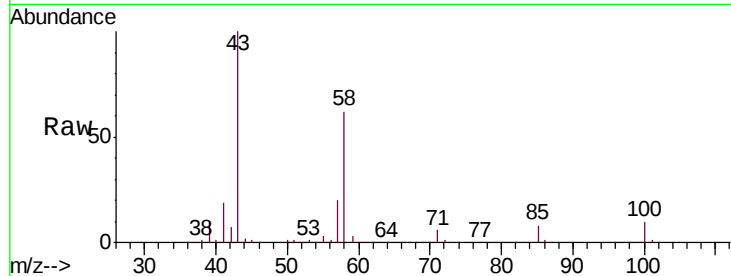




#59
2-Hexanone
Concen: 250.025 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

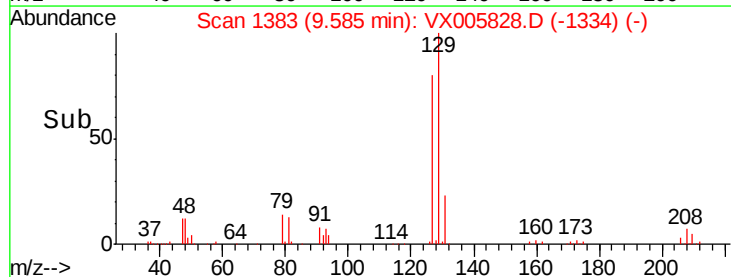
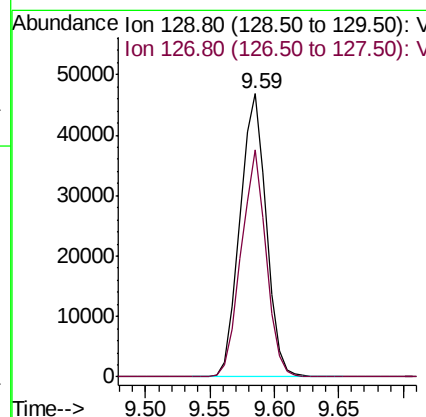
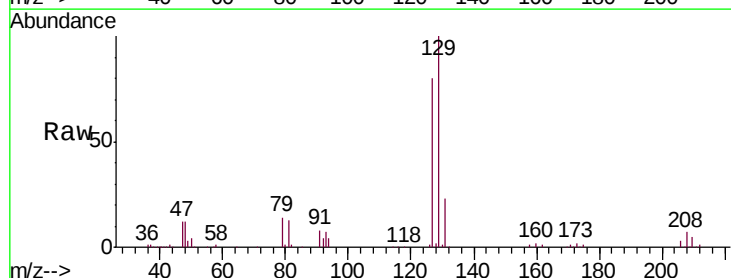
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

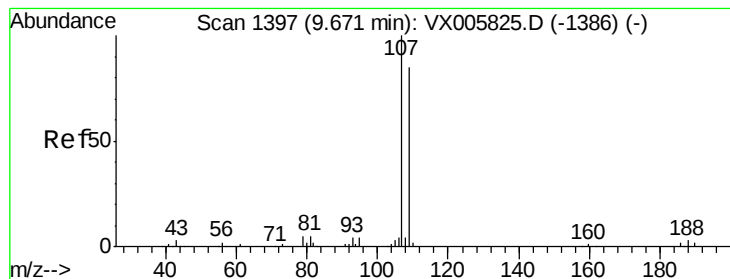
Tgt Ion: 43 Resp: 447856
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8



#60
Dibromochloromethane
Concen: 50.211 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 129 Resp: 66677
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.220 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

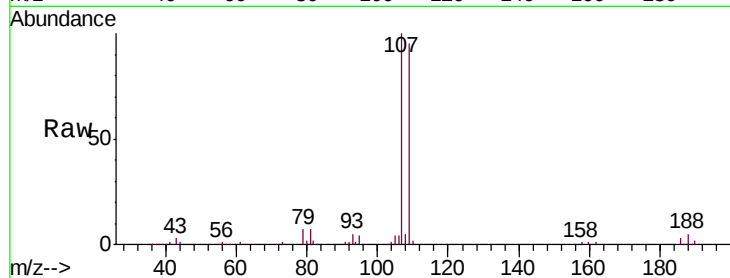
ICVVX110718

Tgt Ion:107 Resp: 64158

Ion Ratio Lower Upper

107 100

109 95.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

50000

40000

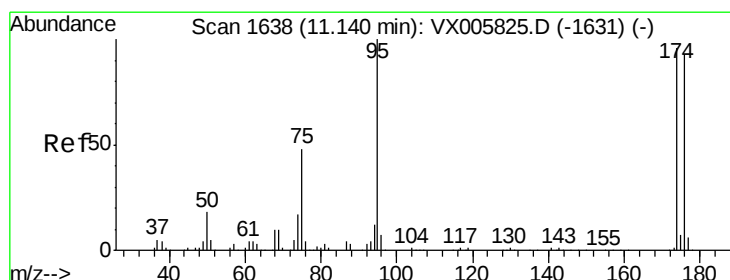
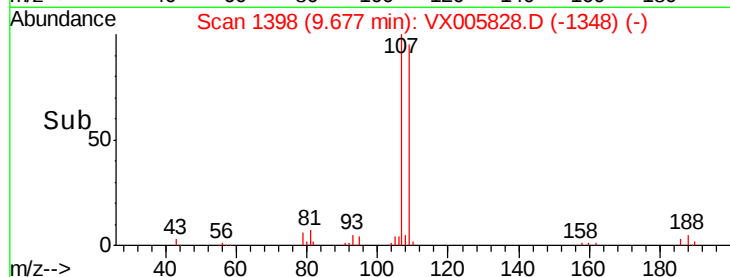
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.219 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

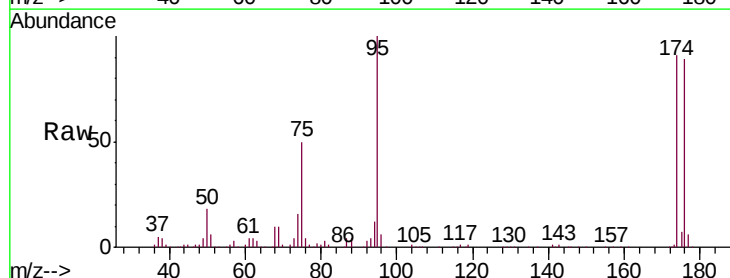
Tgt Ion: 95 Resp: 73092

Ion Ratio Lower Upper

95 100

174 90.2 0.0 184.4

176 88.1 0.0 177.4



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

80000

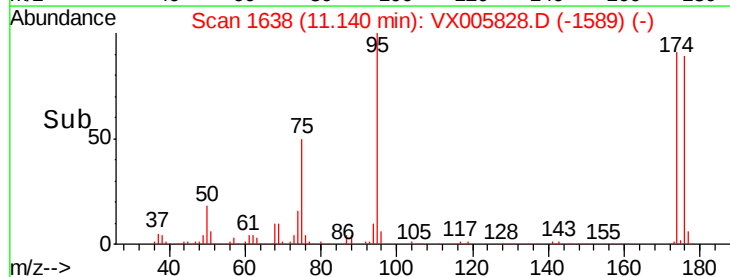
60000

40000

20000

0

Time-->

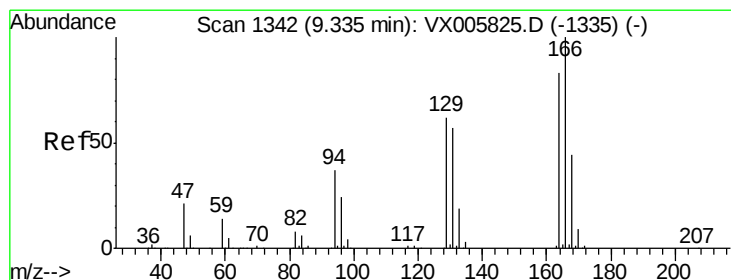
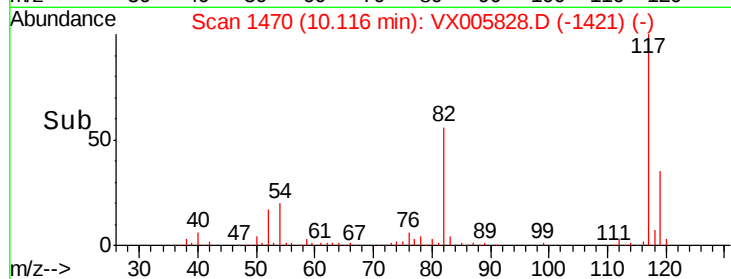
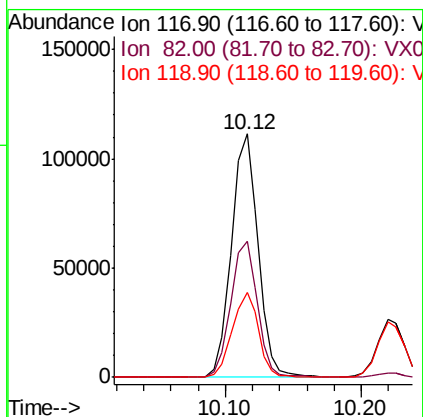
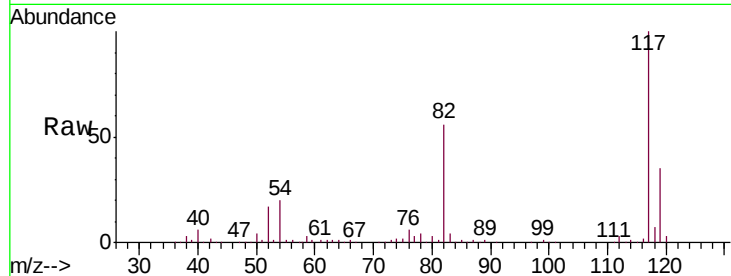




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

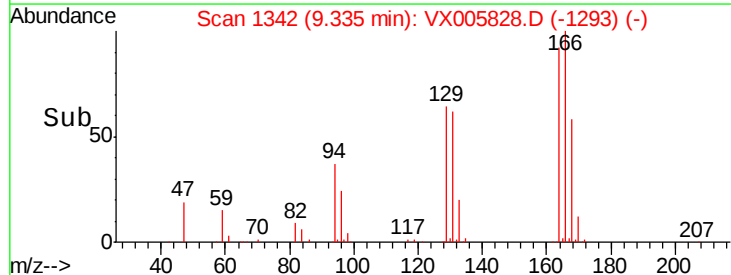
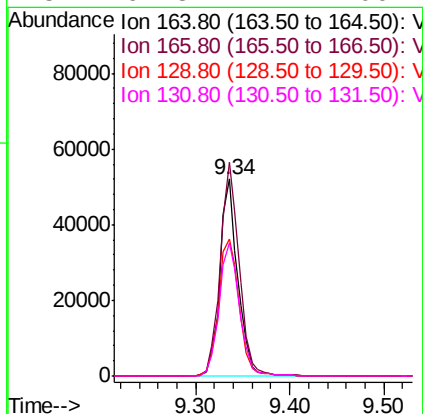
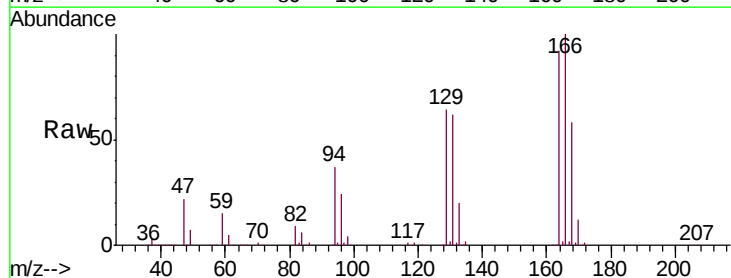
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

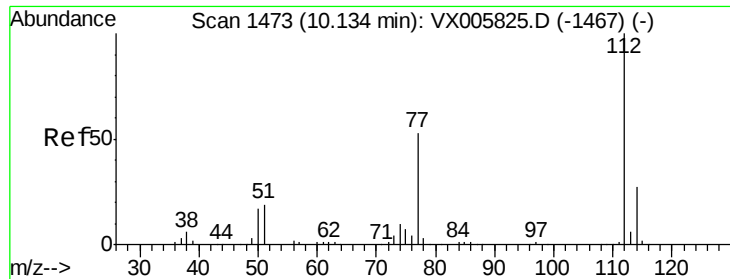
Tgt Ion:117 Resp: 151585
Ion Ratio Lower Upper
117 100
82 56.1 44.1 66.1
119 34.8 26.2 39.2



#64
Tetrachloroethene
Concen: 52.985 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion:164 Resp: 68382
Ion Ratio Lower Upper
164 100
166 108.5 101.9 152.9
129 69.6 72.6 109.0#
131 67.8 71.1 106.7#

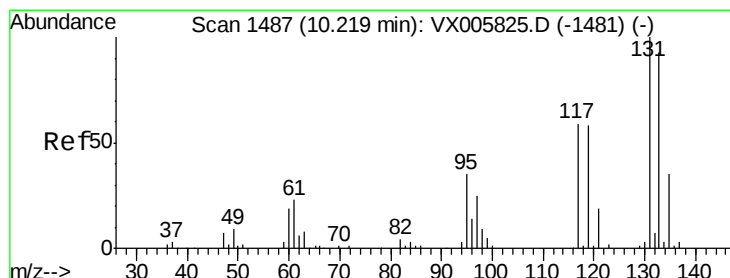
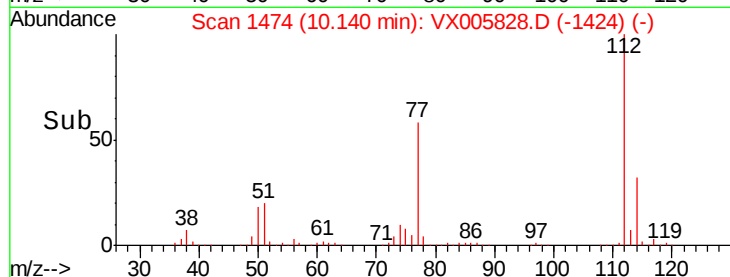
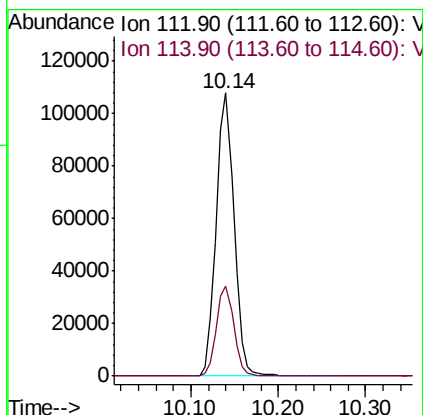
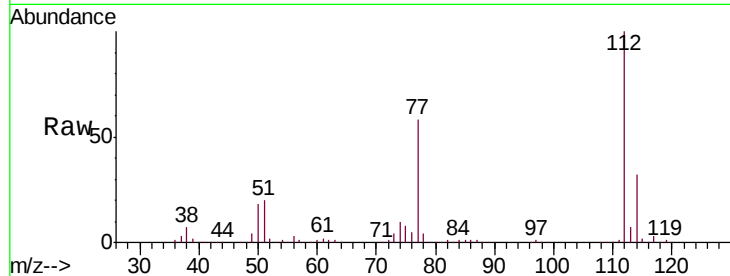




#65
Chlorobenzene
Concen: 50.246 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

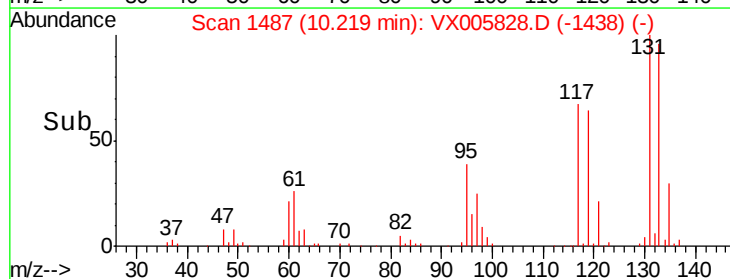
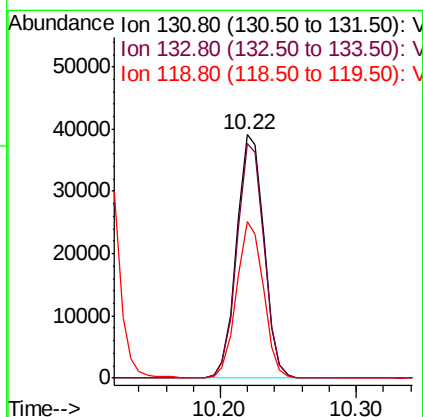
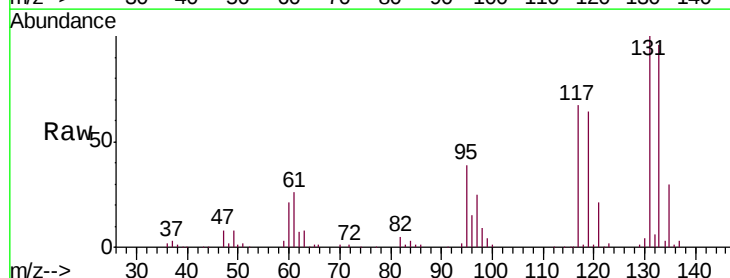
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

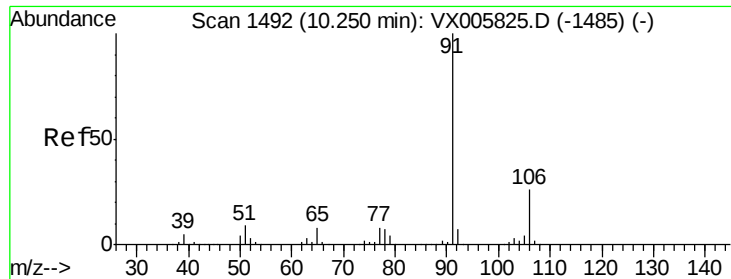
Tgt Ion:112 Resp: 152585
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.711 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion:131 Resp: 54593
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 63.3 31.8 95.3

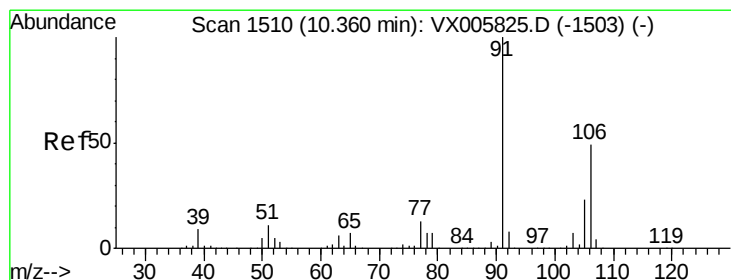
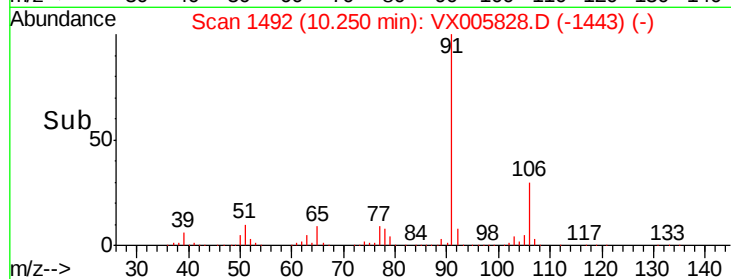
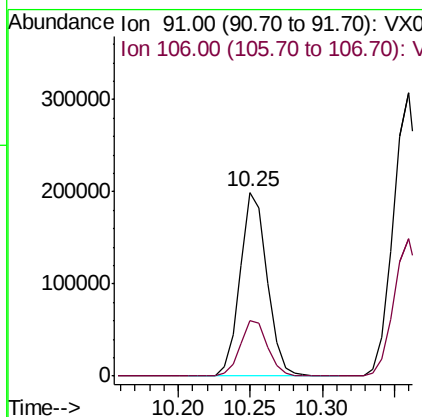
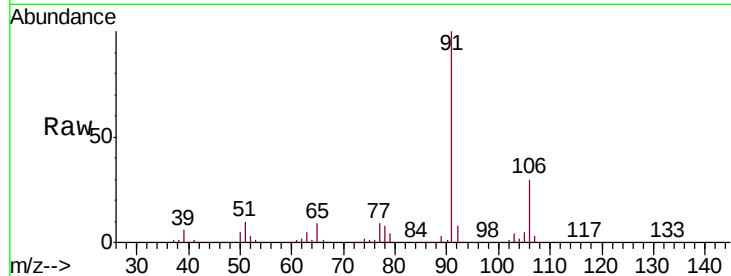




#67
Ethyl Benzene
Concen: 53.573 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

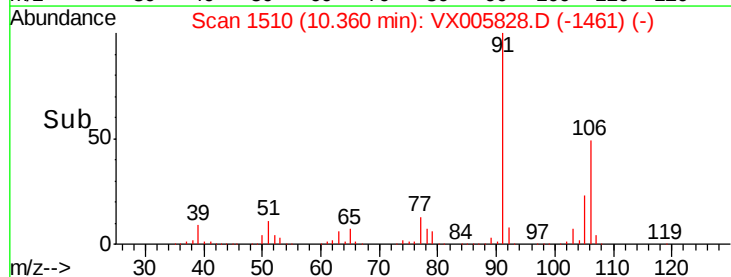
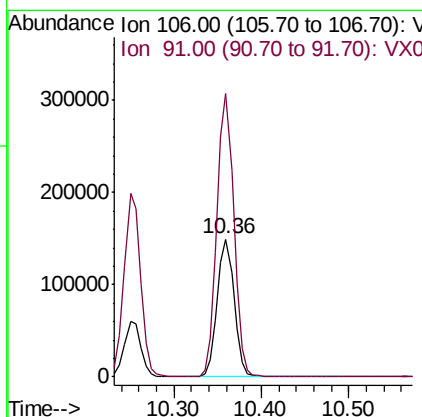
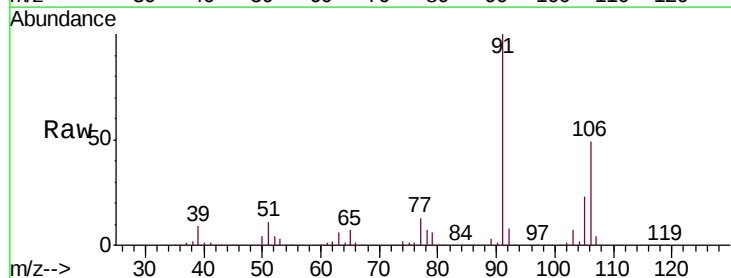
Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

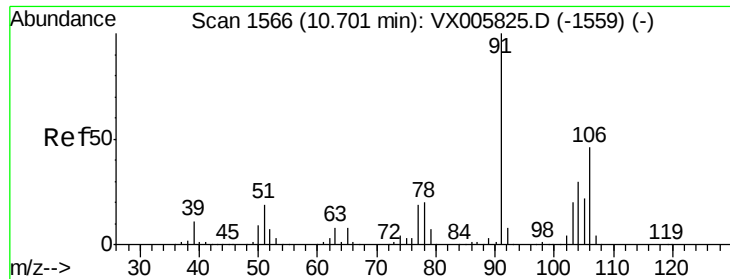
Tgt Ion: 91 Resp: 260872
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 107.861 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 106 Resp: 200341
Ion Ratio Lower Upper
106 100
91 206.0 164.2 246.4

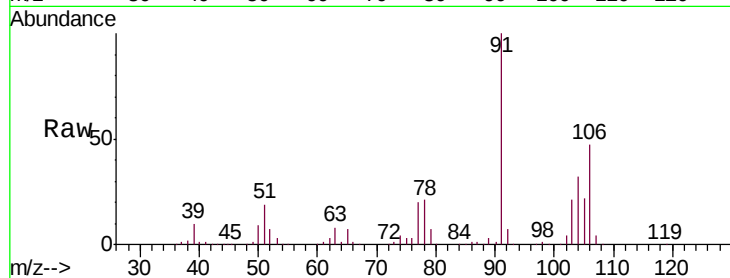




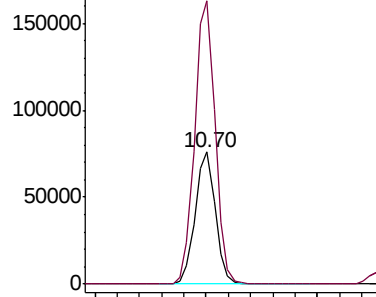
#69
o-Xylene
Concen: 57.166 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
ICVX110718

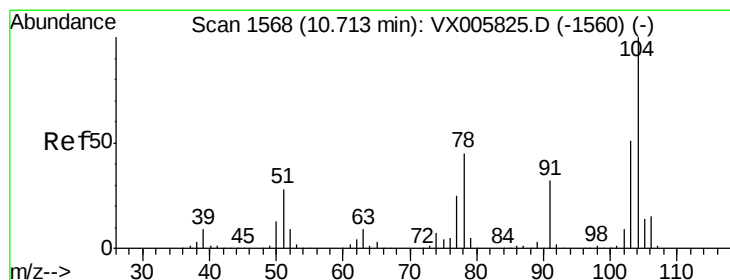
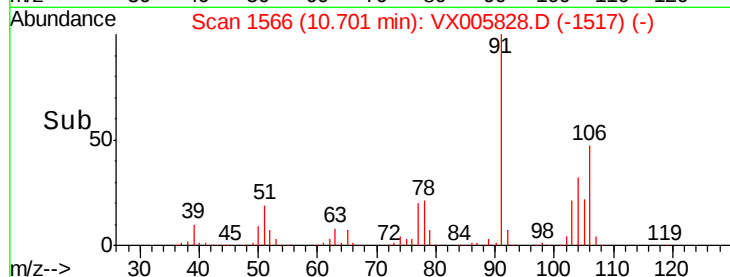
Tgt Ion:106 Resp: 95212
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.5



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

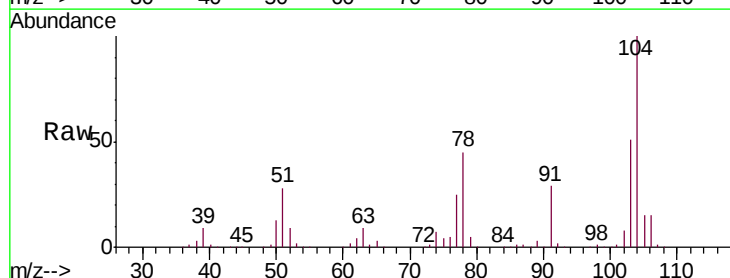


Time--> 10.60 10.70 10.80

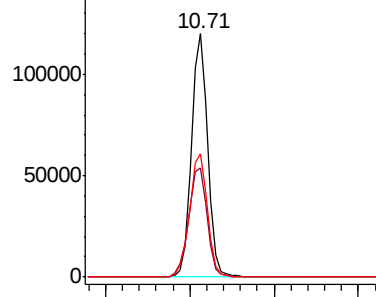


#70
Styrene
Concen: 58.409 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

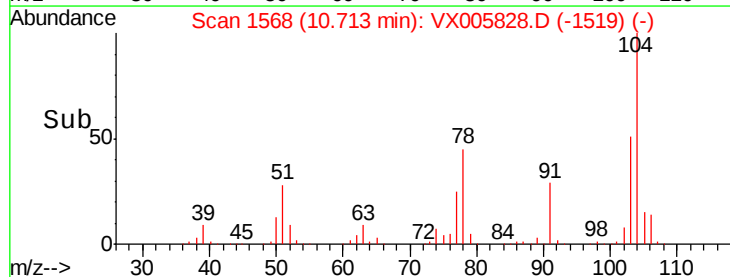
Tgt Ion:104 Resp: 160480
Ion Ratio Lower Upper
104 100
78 51.5 40.2 60.4
103 55.8 44.9 67.3

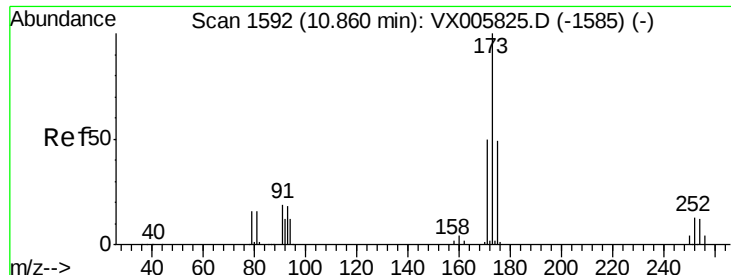


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 55.609 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

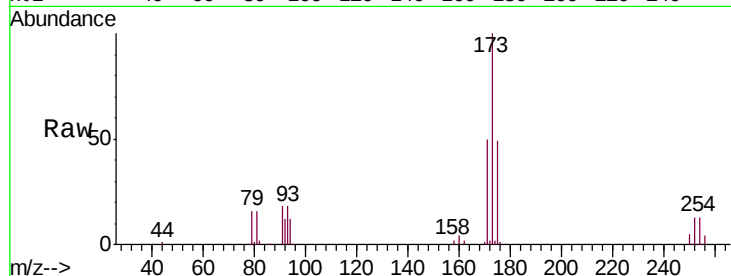
Tgt Ion:173 Resp: 49215

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.3

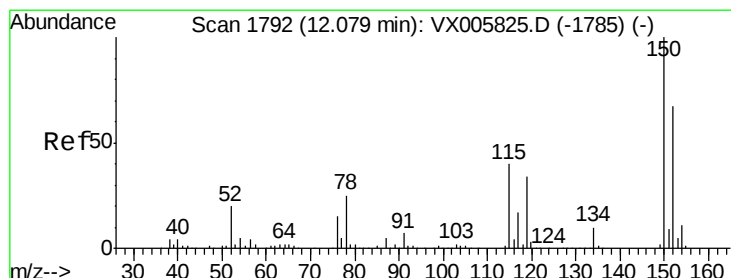
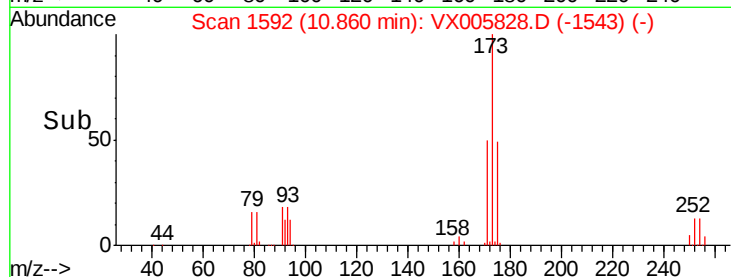
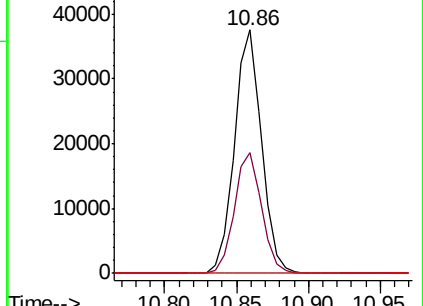
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

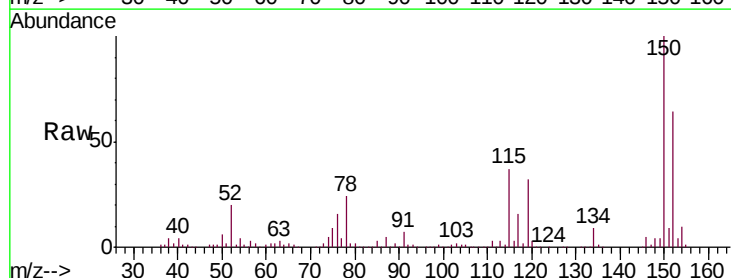
Tgt Ion:152 Resp: 81789

Ion Ratio Lower Upper

152 100

115 79.1 39.4 118.1

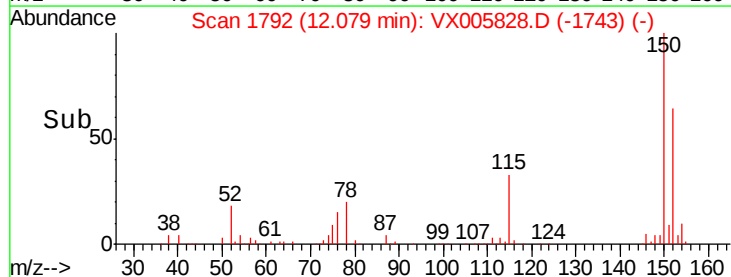
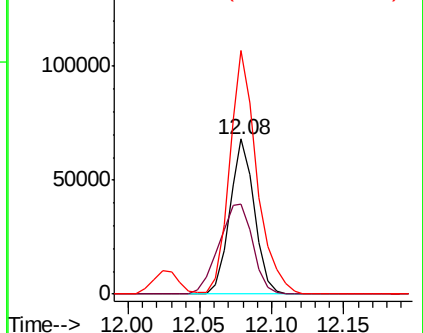
150 173.0 0.0 346.4

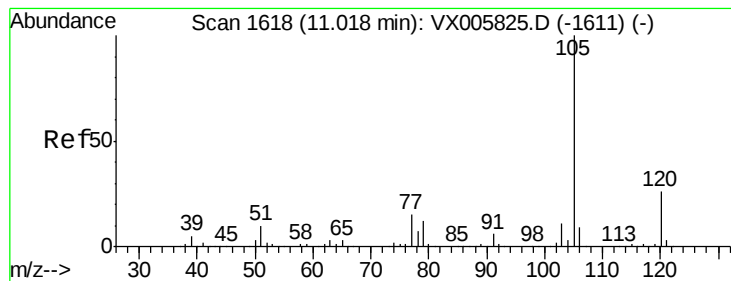


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.772 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

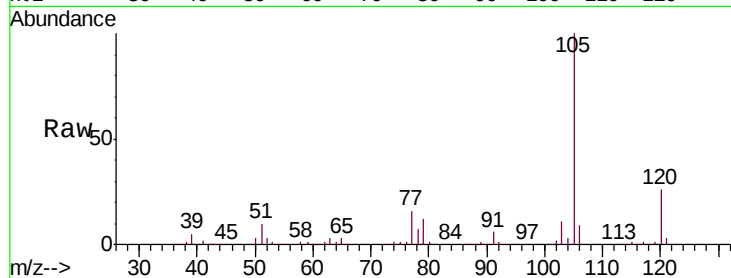
ICVVX110718

Tgt Ion: 105 Resp: 263788

Ion Ratio Lower Upper

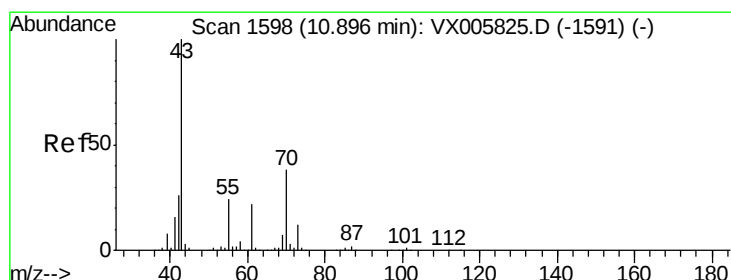
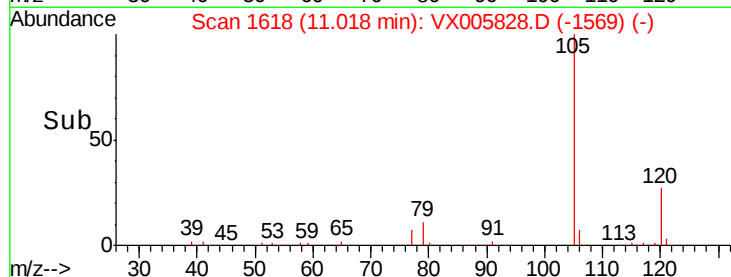
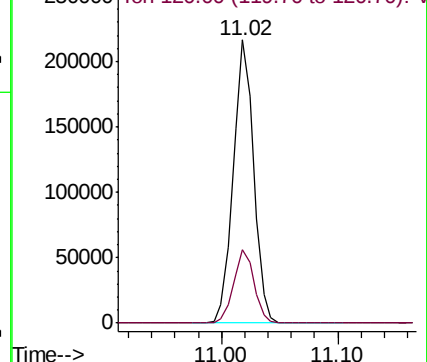
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.445 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Tgt Ion: 43 Resp: 133902

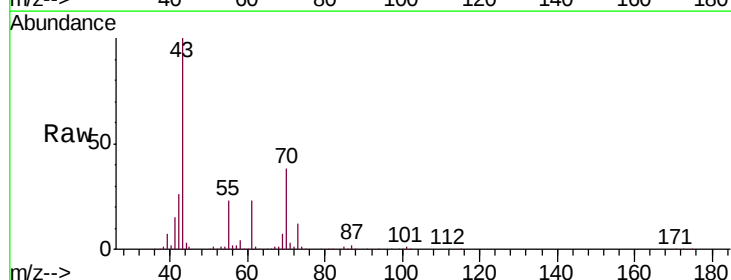
Ion Ratio Lower Upper

43 100

70 38.8 31.6 47.4

55 24.3 19.7 29.5

61 22.8 18.3 27.5

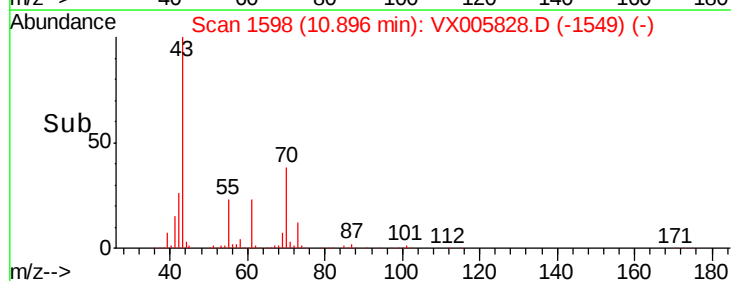
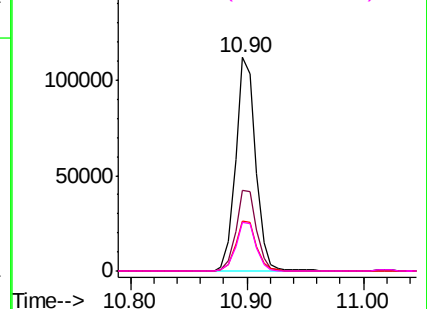


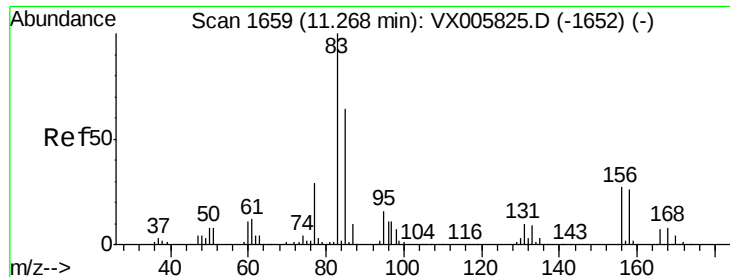
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.613 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

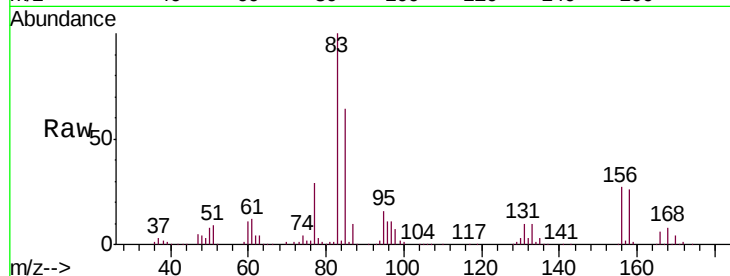
Tgt Ion: 83 Resp: 89603

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

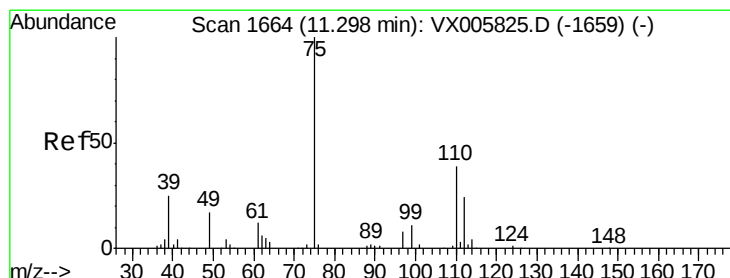
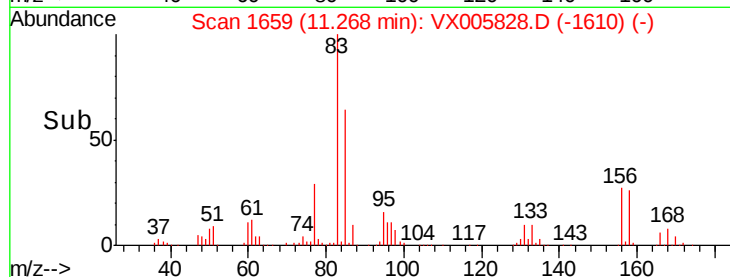
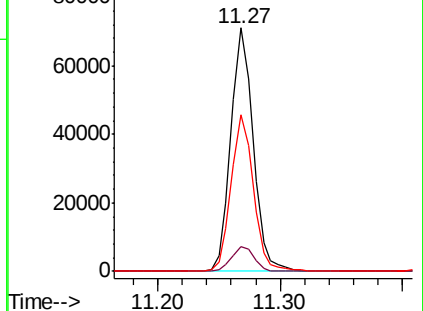
85 64.3 32.0 96.2



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: 66.281 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005828.D

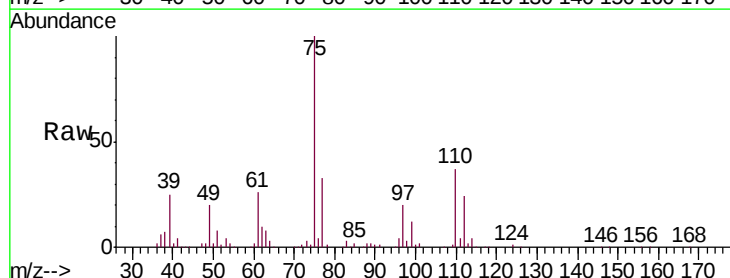
Acq: 07 Nov 2018 14:45

Tgt Ion: 75 Resp: 110384

Ion Ratio Lower Upper

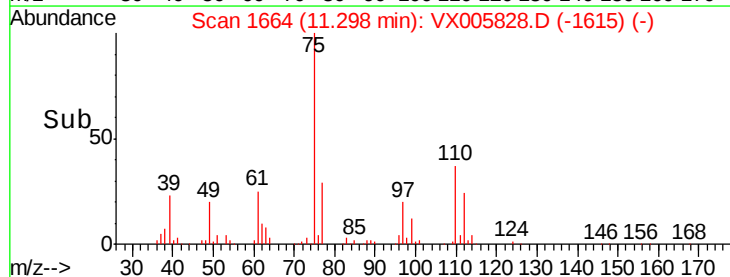
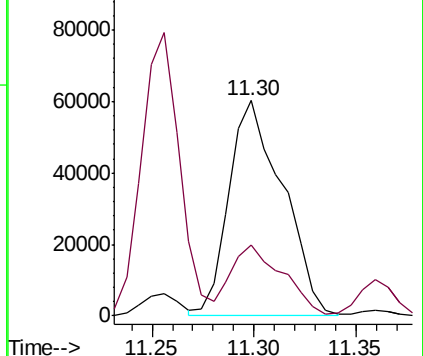
75 100

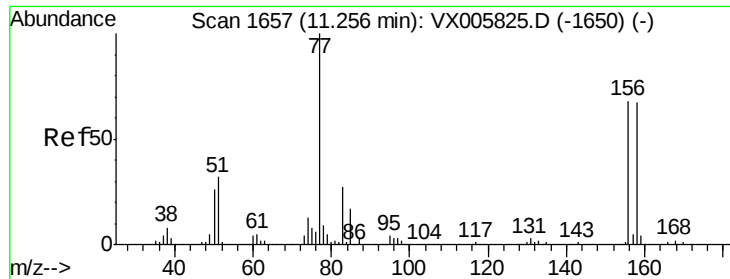
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.551 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

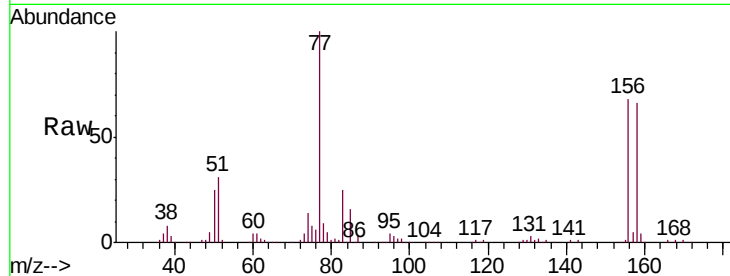
Tgt Ion:156 Resp: 68724

Ion Ratio Lower Upper

156 100

77 150.1 74.8 224.4

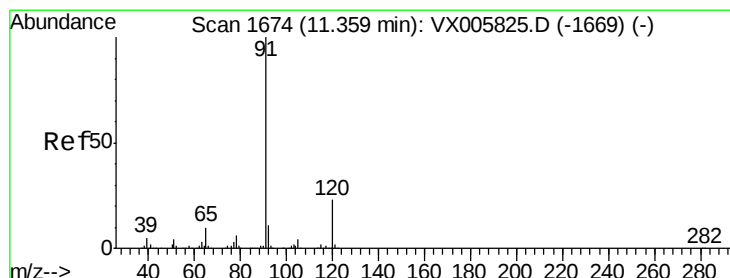
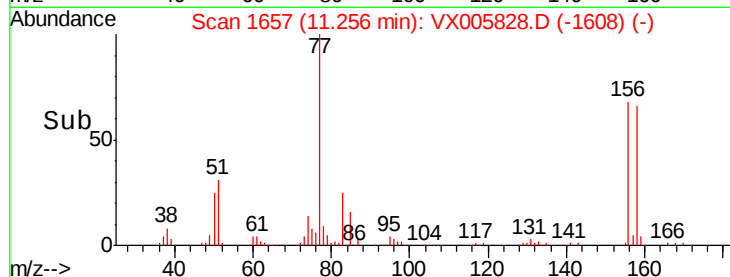
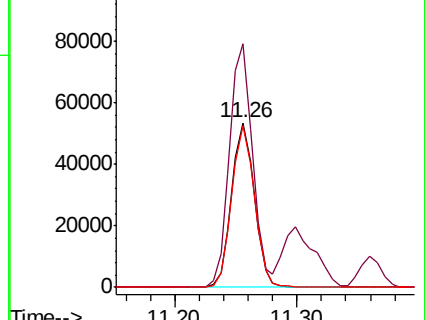
158 97.9 49.1 147.3



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: 55.366 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005828.D

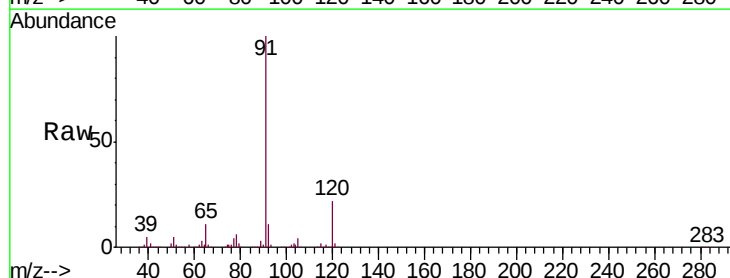
Acq: 07 Nov 2018 14:45

Tgt Ion: 91 Resp: 308617

Ion Ratio Lower Upper

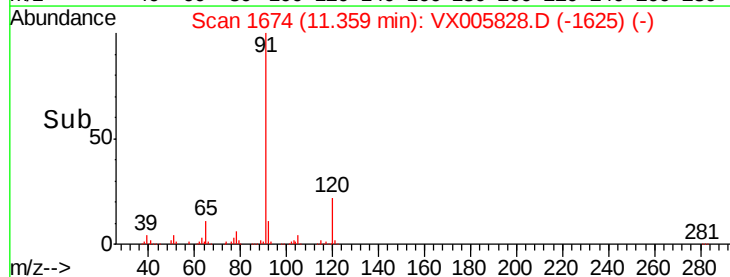
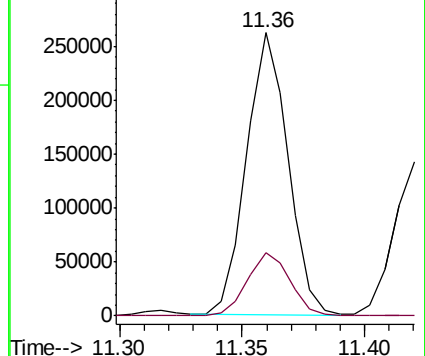
91 100

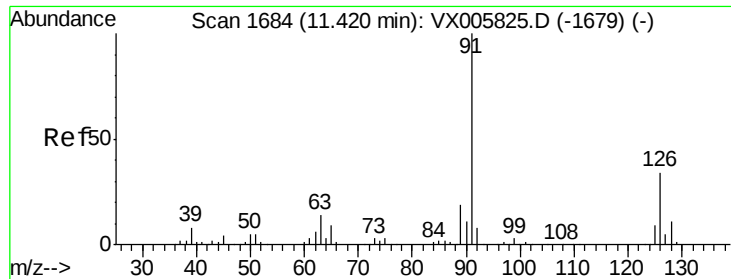
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

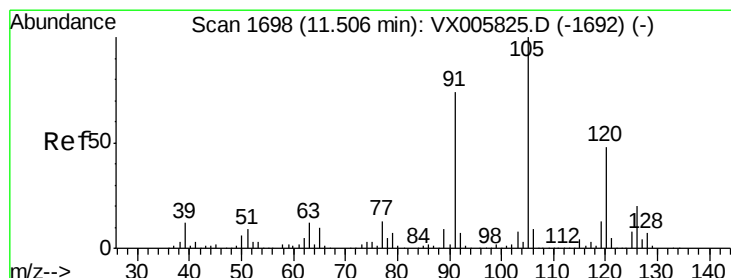
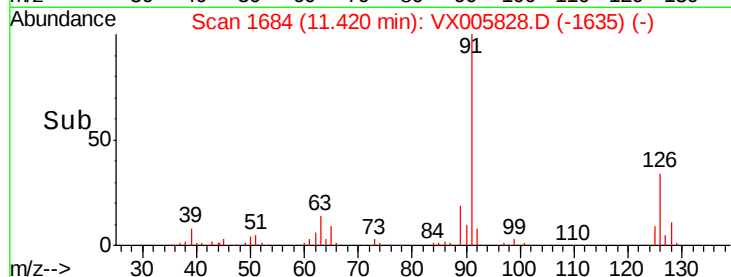
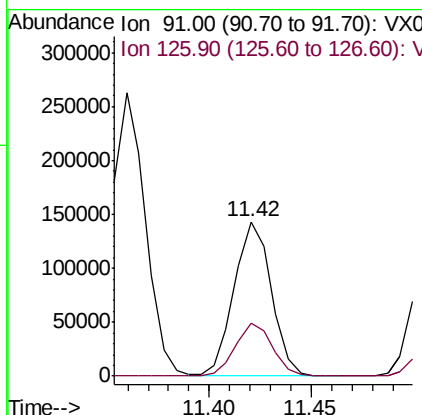
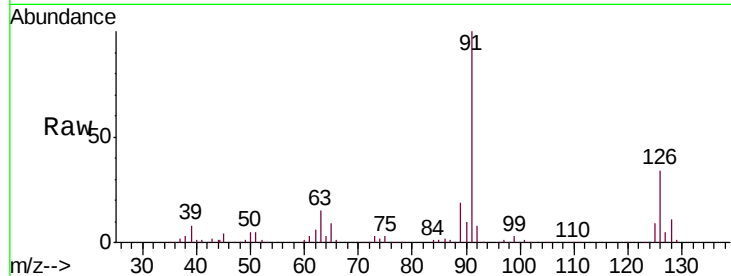




#79
 2-Chlorotoluene
 Concen: 53.516 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

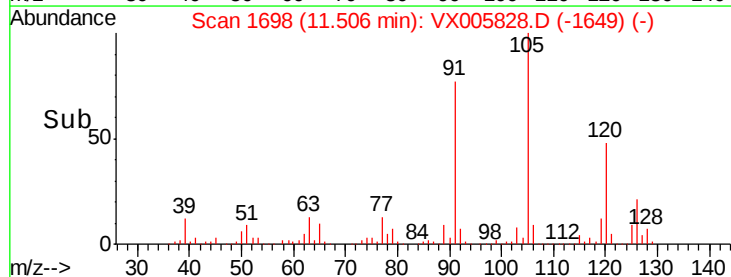
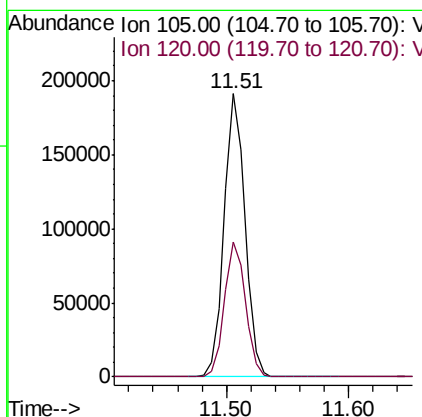
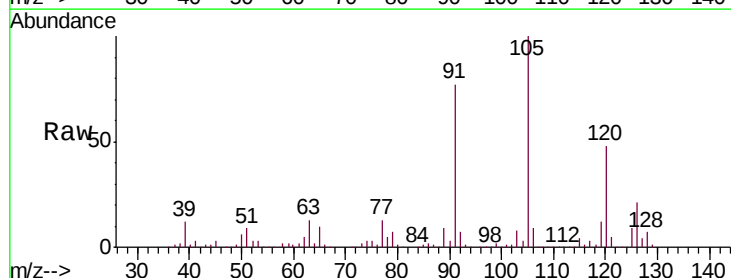
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

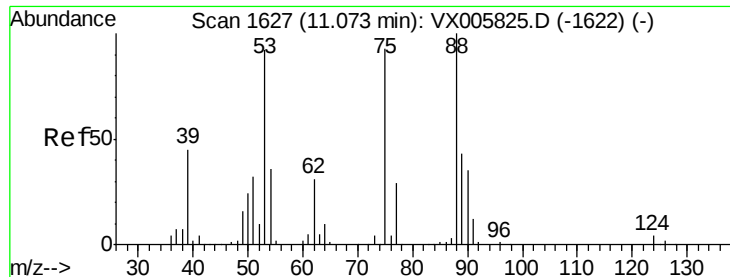
Tgt Ion: 91 Resp: 180308
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 56.054 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion: 105 Resp: 225301
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.817 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

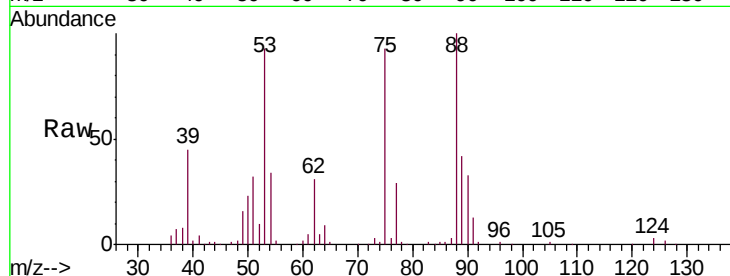
Tgt Ion: 75 Resp: 28121

Ion Ratio Lower Upper

75 100

53 99.7 80.2 120.2

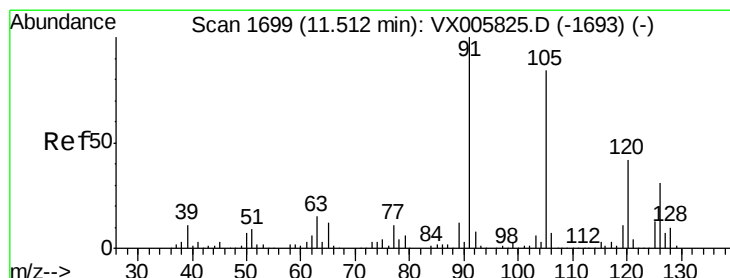
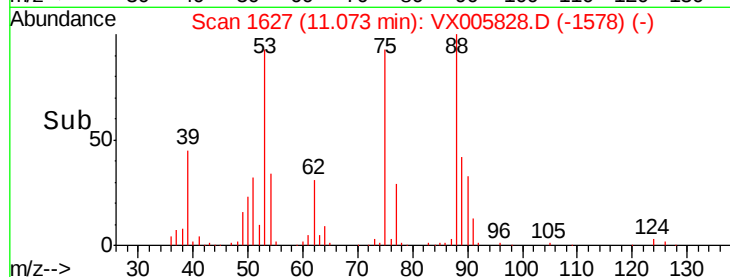
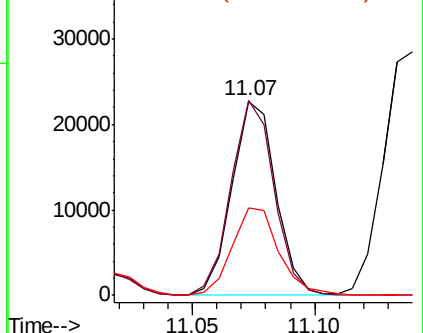
89 48.7 39.8 59.8



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: 54.335 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005828.D

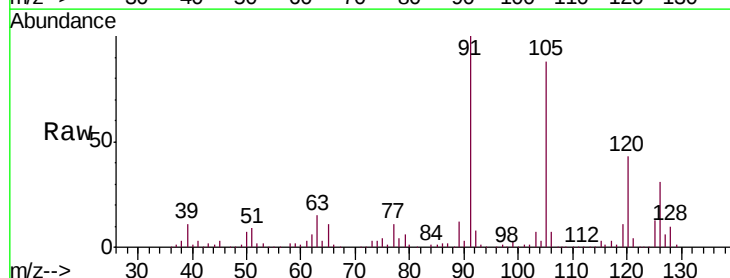
Acq: 07 Nov 2018 14:45

Tgt Ion: 91 Resp: 215751

Ion Ratio Lower Upper

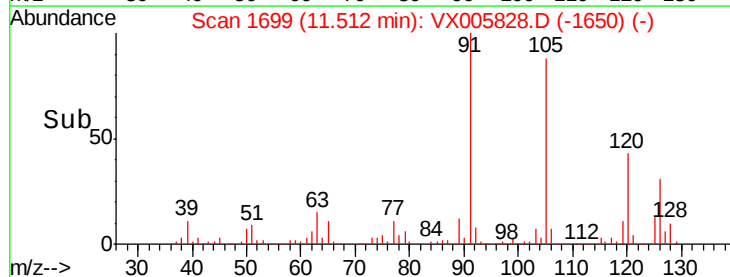
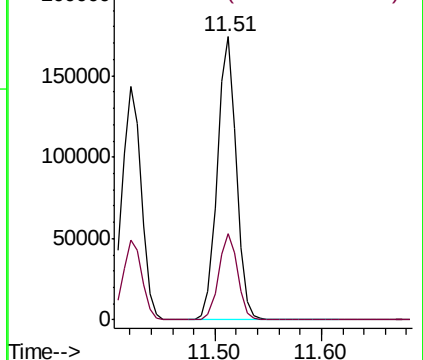
91 100

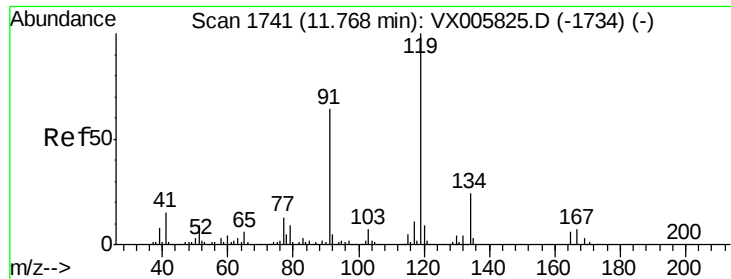
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

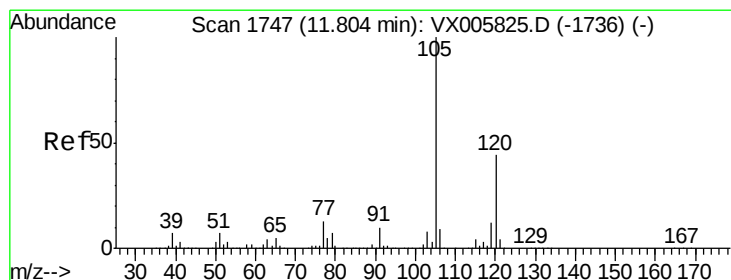
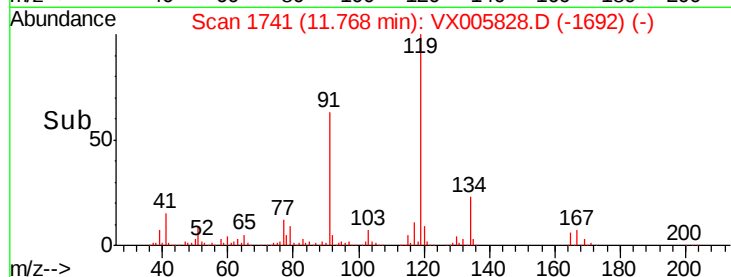
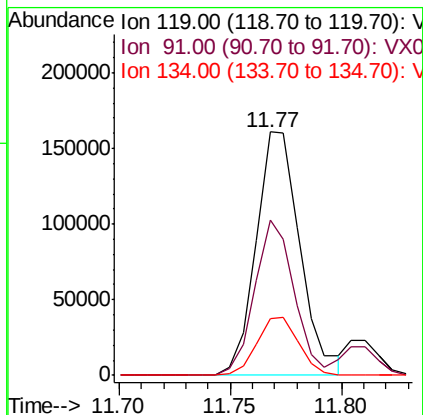
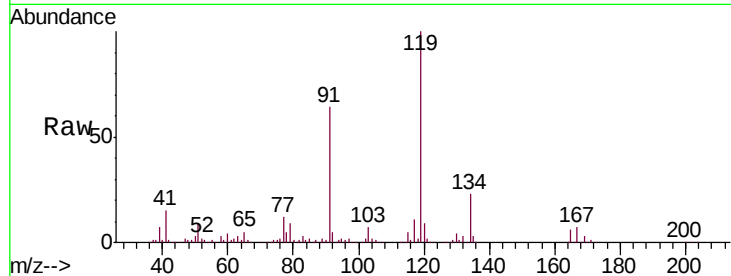




#83
 tert-Butylbenzene
 Concen: 54.437 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

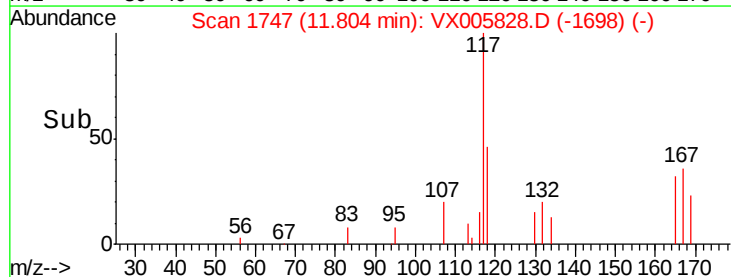
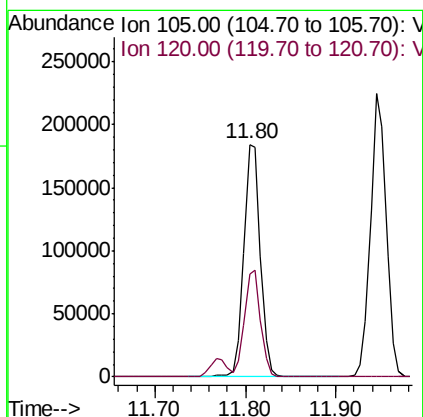
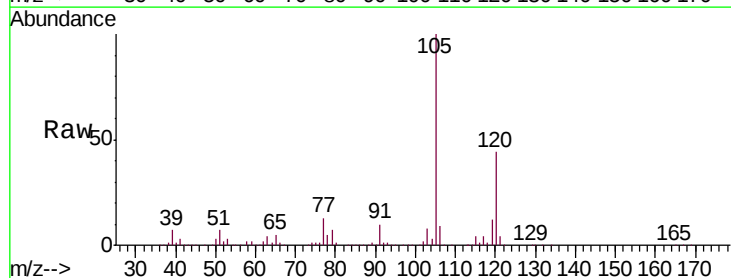
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

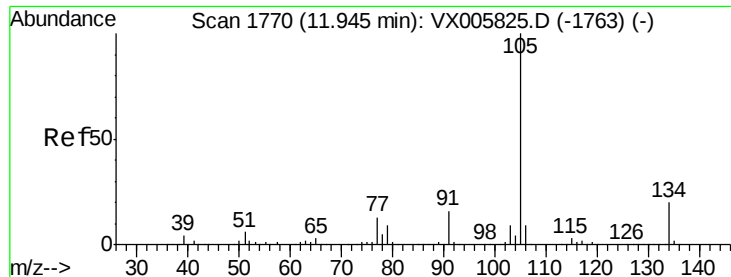
Tgt Ion:119 Resp: 221355
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.5
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.432 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion:105 Resp: 232545
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0

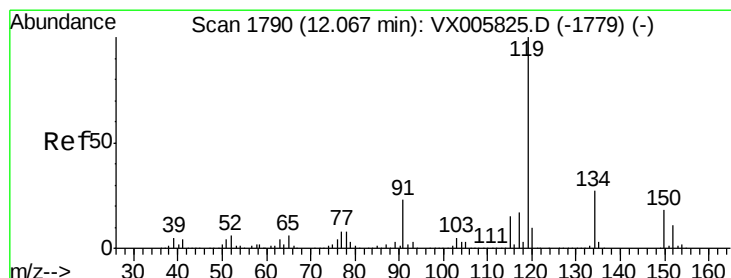
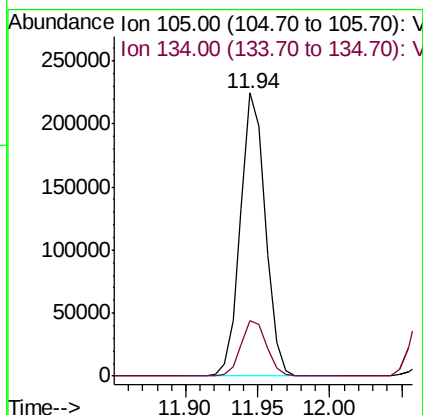
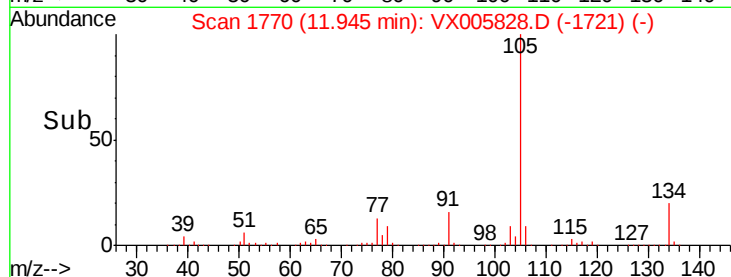
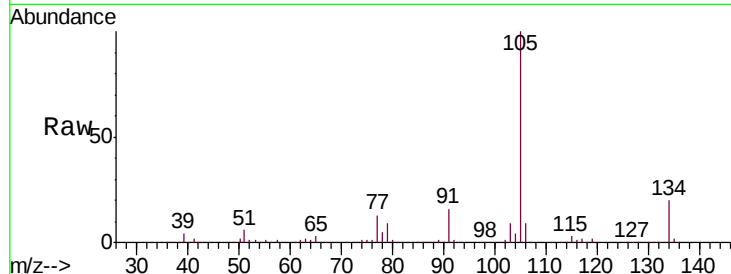




#85
 sec-Butylbenzene
 Concen: 54.336 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

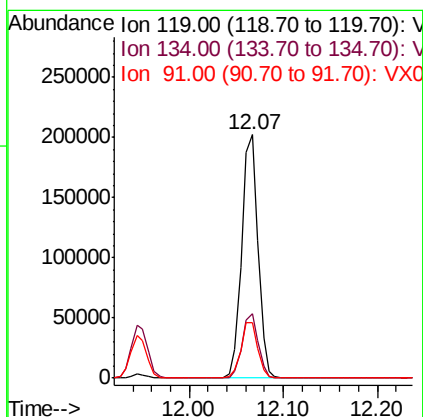
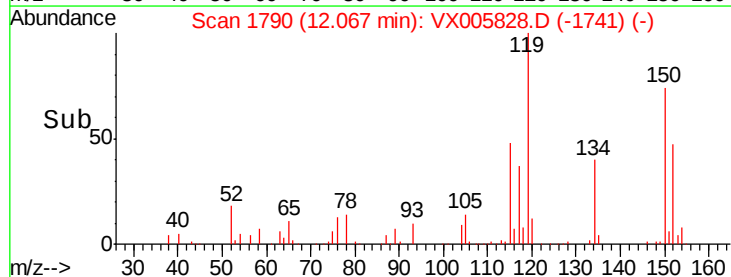
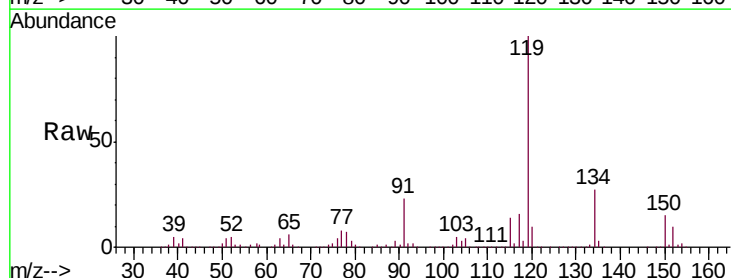
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

Tgt Ion:105 Resp: 270183
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 55.395 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion:119 Resp: 243984
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.6 11.4 34.2

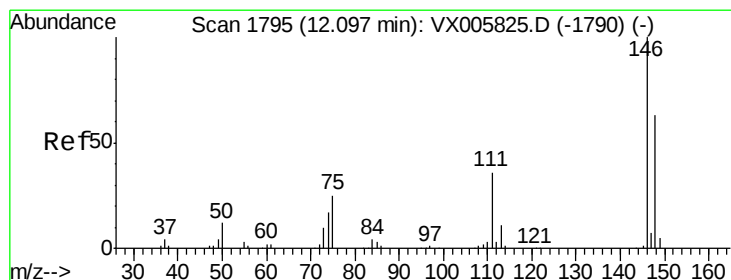
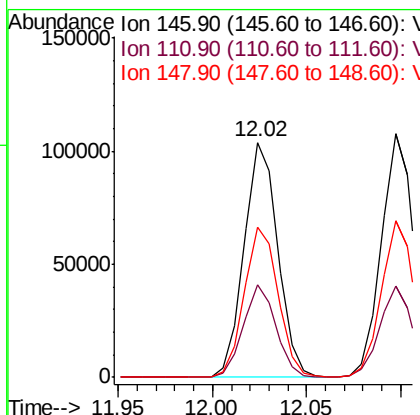
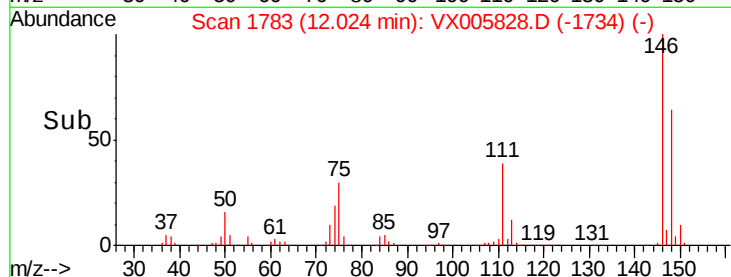
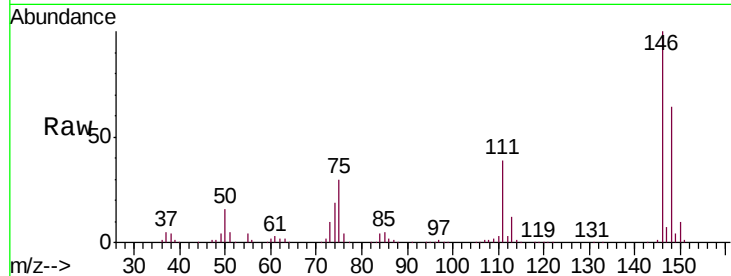




#87
 1,3-Dichlorobenzene
 Concen: 50.590 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

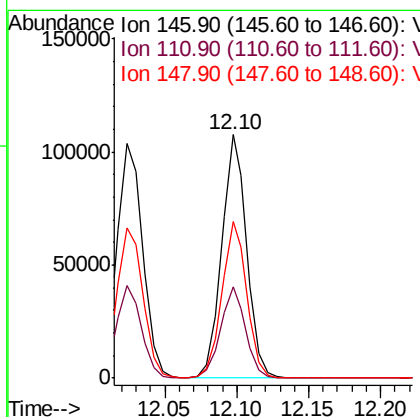
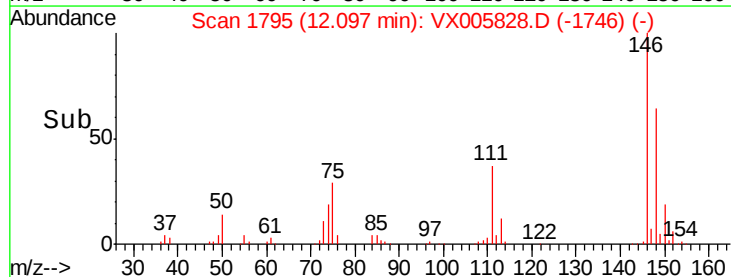
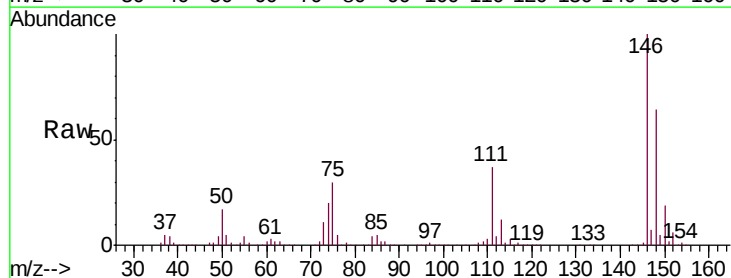
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

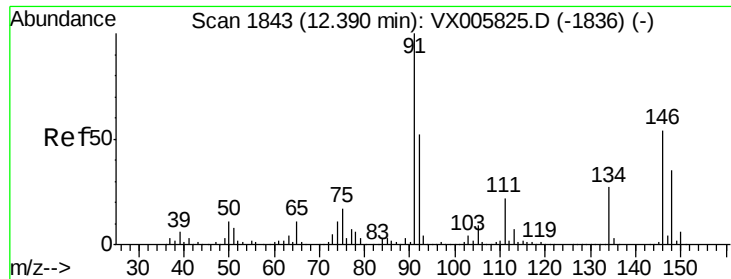
Tgt Ion:146 Resp: 129434
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.998 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion:146 Resp: 130951
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 54.868 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

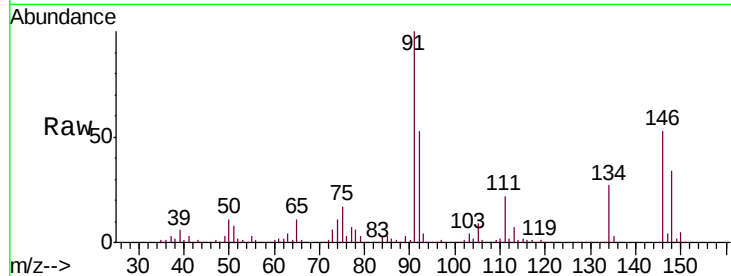
Tgt Ion: 91 Resp: 223977

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

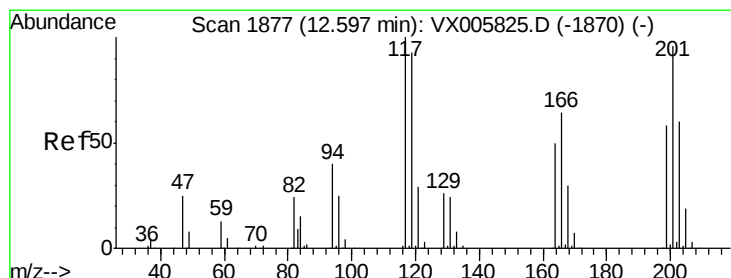
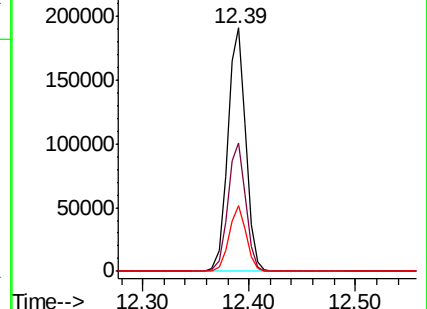
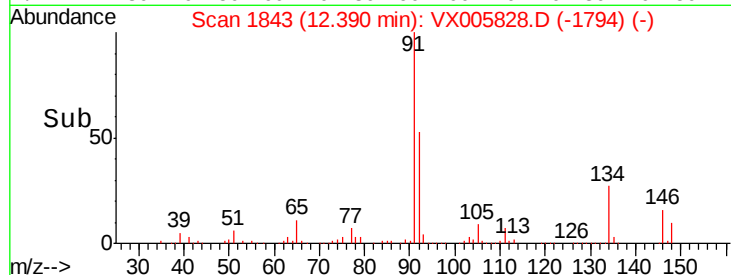
134 26.1 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005825.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005825.D (-1836) (-)



#90

Hexachloroethane

Concen: 53.785 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005828.D

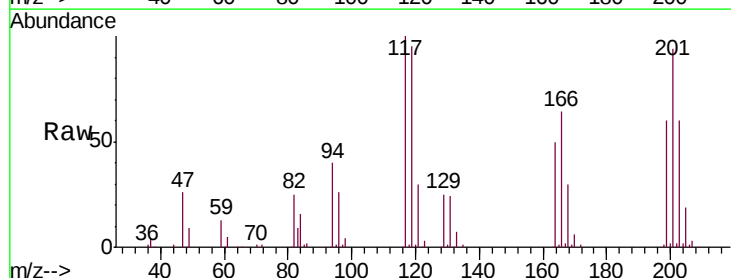
Acq: 07 Nov 2018 14:45

Tgt Ion: 117 Resp: 39551

Ion Ratio Lower Upper

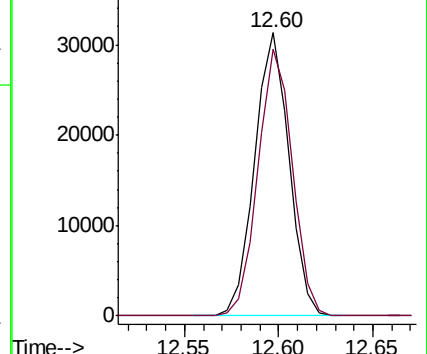
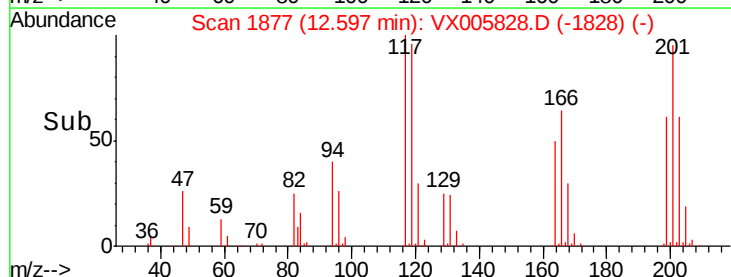
117 100

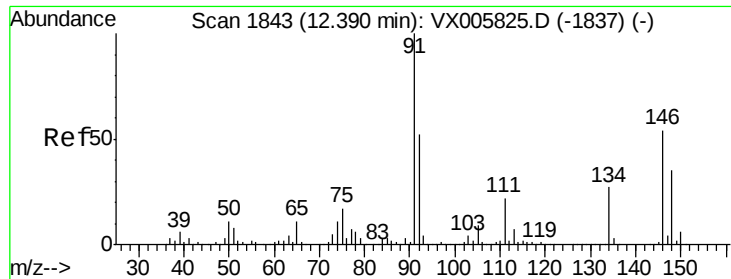
201 94.6 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005828.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005828.D (-1828) (-)

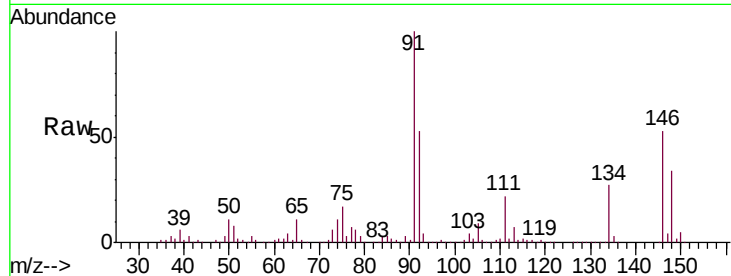




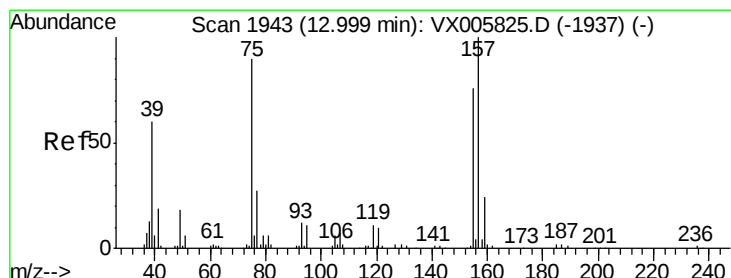
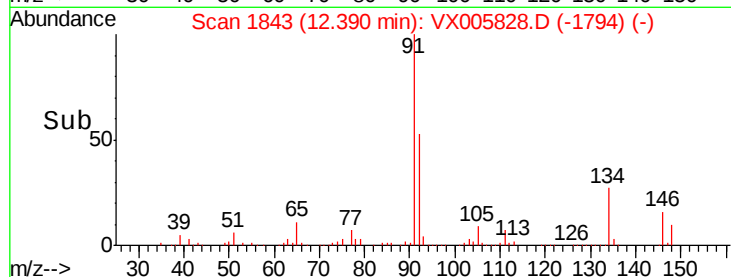
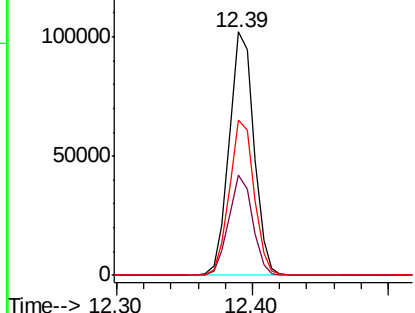
#91
1,2-Dichlorobenzene
Concen: 50.417 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110718

Tgt Ion:146 Resp: 129219
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 64.0 32.2 96.6

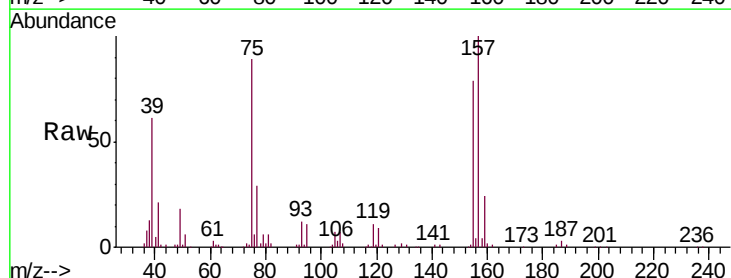


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

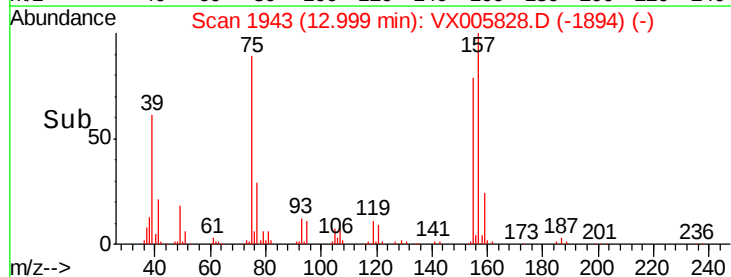
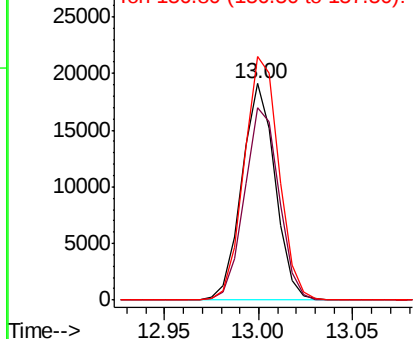


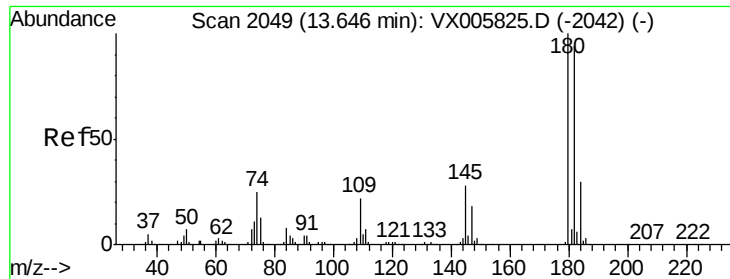
#92
1,2-Dibromo-3-Chloropropane
Concen: 55.170 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX005828.D
Acq: 07 Nov 2018 14:45

Tgt Ion: 75 Resp: 23372
Ion Ratio Lower Upper
75 100
155 92.0 45.4 136.1
157 117.5 57.4 172.0



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

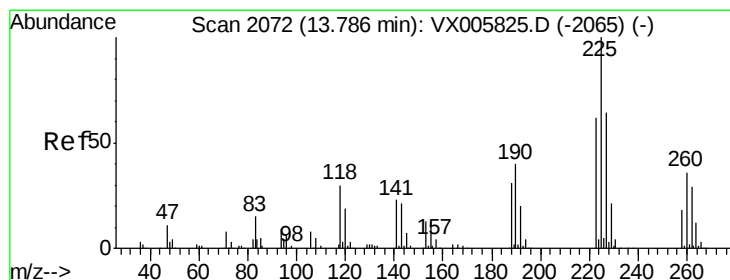
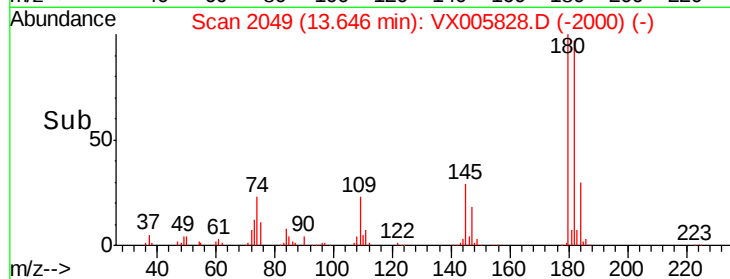
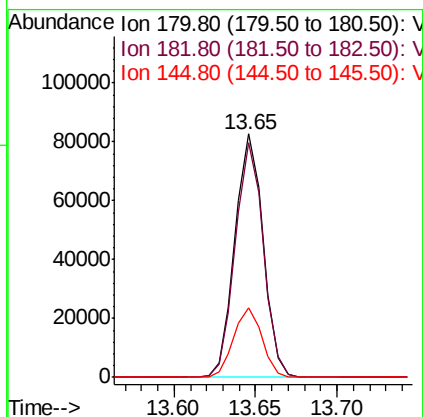
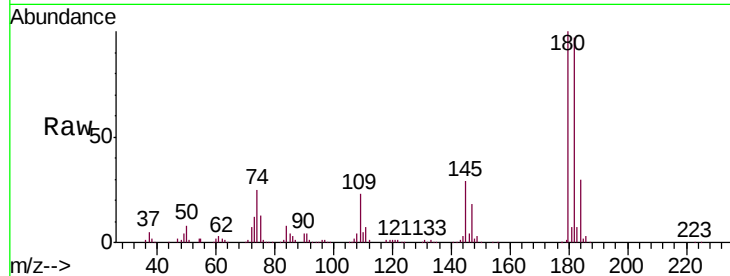




#93
 1,2,4-Trichlorobenzene
 Concen: 55.237 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

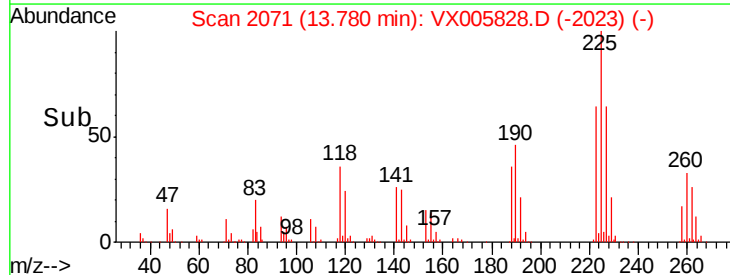
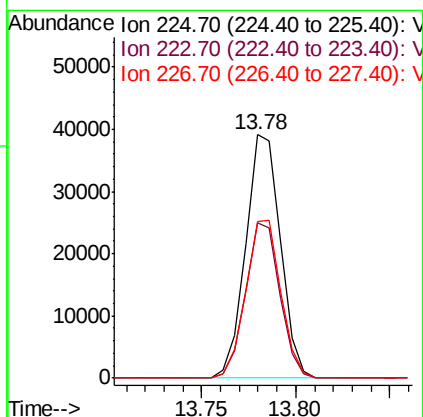
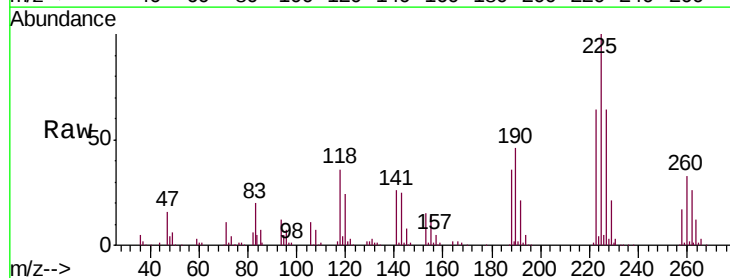
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX110718

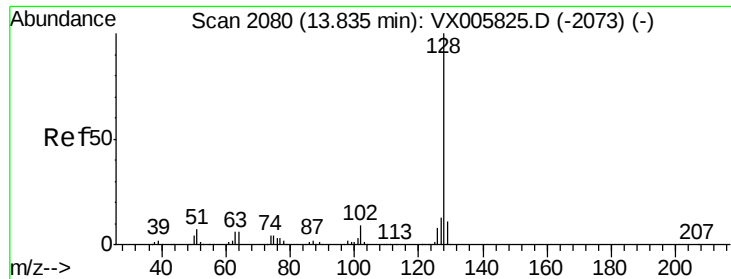
Tgt Ion:180 Resp: 99664
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 28.6 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 52.849 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005828.D
 Acq: 07 Nov 2018 14:45

Tgt Ion:225 Resp: 50089
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.7 95.1
 227 65.2 32.3 96.9





#95

Naphthalene

Concen: 51.914 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

Instrument :

MSVOA_X

ClientSampleId :

ICVVX110718

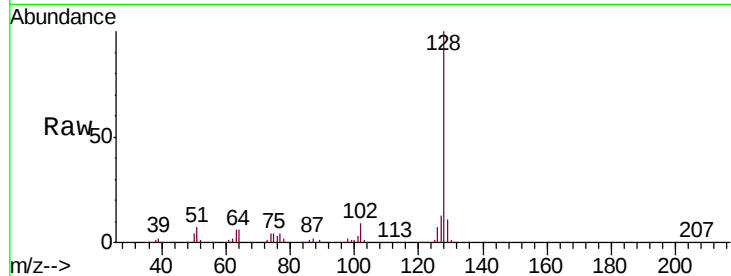
Tgt Ion:128 Resp: 305747

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

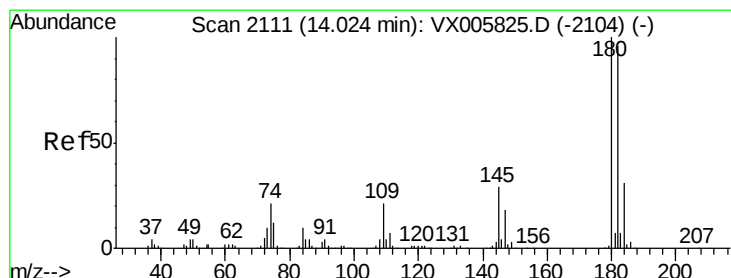
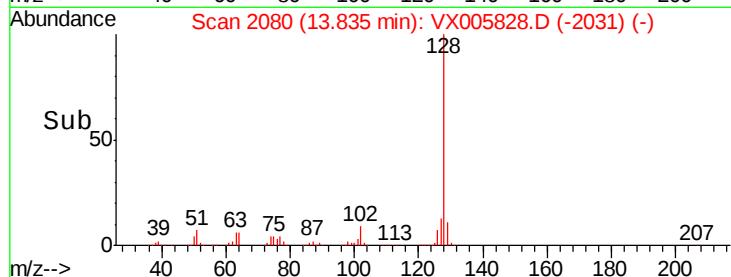
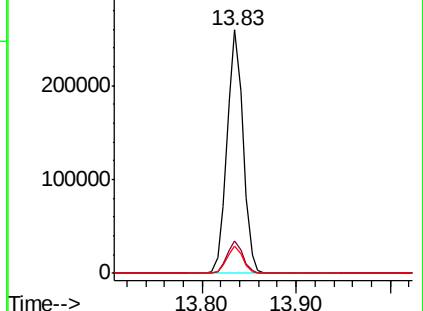
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.750 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005828.D

Acq: 07 Nov 2018 14:45

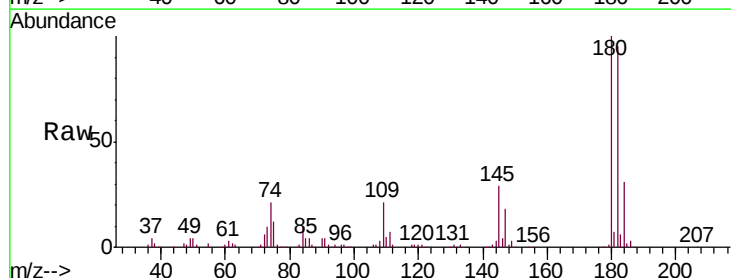
Tgt Ion:180 Resp: 100640

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 29.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

