

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\
 Data File : VX003721.D
 Acq On : 27 Jul 2018 19:39
 Operator : JC/SP
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 02:29:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	24075	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	121762	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	97425	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	50796	28.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.80%
60) 4-Bromofluorobenzene	11.14	95	47039	29.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.97%
63) Toluene-d8	8.72	98	134900	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	22299	17.54	ug/l	99
3) Chloromethane	1.32	50	30079	17.58	ug/l	98
4) Vinyl Chloride	1.40	62	31215	17.34	ug/l	99
5) Bromomethane	1.64	94	18440	17.14	ug/l	97
6) Chloroethane	1.72	64	20698	17.57	ug/l	97
7) Trichlorofluoromethane	1.93	101	41942	17.32	ug/l	97
8) Diethyl Ether	2.19	74	18027	17.37	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26438	18.01	ug/l	97
10) 1,1-Dichloroethene	2.37	96	24777	17.95	ug/l	91
11) Methyl Iodide	2.51	142	32027	16.74	ug/l	94
12) Methyl Acetate	2.78	43	47002	18.40	ug/l	95
13) Acrolein	2.29	56	17540	88.06	ug/l	99
14) Acrylonitrile	3.15	53	91599	91.02	ug/l	98
15) Acetone	2.45	58	23954	87.72	ug/l	74
16) Carbon Disulfide	2.57	76	64890	16.93	ug/l	100
17) Allyl chloride	2.73	41	48937	17.13	ug/l	89
18) Methylene Chloride	2.86	84	29386	17.97	ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	26752	17.93	ug/l	98
20) Diisopropyl ether	3.87	45	95832	18.27	ug/l	97
21) 1,1-Dichloroethane	3.70	63	54104	18.22	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	29835	19.80	ug/l	# 76
23) tert-Butyl Alcohol	3.07	59	38000	89.90	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	88769	17.93	ug/l	91
25) Chloroform	5.22	83	49580	19.28	ug/l	99
26) Cyclohexane	5.57	56	43164	19.35	ug/l	# 98
29) 1,1-Dichloropropene	5.80	75	35528	19.76	ug/l	98
30) 2-Butanone	4.71	43	117039	101.93	ug/l	95
31) 2,2-Dichloropropane	4.59	77	34898	20.04	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	41684	20.26	ug/l	98
33) Carbon Tetrachloride	5.79	117	35578	19.90	ug/l	96
34) Benzene	6.15	78	113277	20.51	ug/l	98
35) Methacrylonitrile	5.07	41	24275	20.34	ug/l	92
36) 1,2-Dichloroethane	6.20	62	40291	20.29	ug/l	97
37) Trichloroethene	7.21	130	27454	19.07	ug/l	99
38) Methylcyclohexane	7.46	83	38036	18.62	ug/l	99
39) 1,2-Dichloropropane	7.52	63	27365	18.74	ug/l	97
40) Dibromomethane	7.67	93	16104	17.05	ug/l	96

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 Data File : VX003721.D
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 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 02:29:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	29666	16.44	ug/l	98
42) Vinyl Acetate	3.83	43	405354	91.87	ug/l	99
43) Ethyl Acetate	4.87	43	43762	20.40	ug/l	96
44) Isopropyl Acetate	6.47	43	64879	19.72	ug/l	95
45) 1,4-Dioxane	7.76	88	12161	332.86	ug/l #	88
46) Methyl methacrylate	7.78	41	29218	17.22	ug/l	96
47) n-amyl Acetate	10.90	43	51070	16.44	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	36344	16.59	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	33401	16.25	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	24429	16.29	ug/l	97
51) Ethyl methacrylate	9.18	69	35478	15.71	ug/l	92
52) 1,3-Dichloropropane	9.38	76	41157	16.49	ug/l	100
53) Dibromochloromethane	9.59	129	24665	16.74	ug/l	99
54) 1,2-Dibromoethane	9.68	107	26320	16.78	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	96238	82.63	ug/l	100
56) Bromoform	10.86	173	17924	15.68	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	197489	107.36	ug/l	97
59) 2-Hexanone	9.50	43	151891	103.70	ug/l	96
61) Tetrachloroethene	9.34	164	22104	19.50	ug/l	97
62) Toluene	8.79	91	102735	20.32	ug/l	99
64) Chlorobenzene	10.14	112	65698	20.10	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	22988	19.88	ug/l	98
66) Ethyl Benzene	10.26	91	110335	19.83	ug/l	99
67) m/p-Xylenes	10.36	106	85804	40.03	ug/l	99
68) o-Xylene	10.70	106	41414	20.20	ug/l	98
69) Styrene	10.71	104	69227	19.94	ug/l	98
70) Isopropylbenzene	11.02	105	111781	19.80	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	39678	19.69	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	44733	26.68	ug/l	94
73) Bromobenzene	11.26	156	29025	19.08	ug/l	99
74) n-propylbenzene	11.36	91	131852	19.83	ug/l	99
75) 2-Chlorotoluene	11.42	91	78461	20.02	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	94154	19.66	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	10381	18.17	ug/l	93
78) 4-Chlorotoluene	11.51	91	89946	19.61	ug/l	99
79) tert-butylbenzene	12.07	119	101681	20.63	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	109174	22.27	ug/l	99
81) sec-Butylbenzene	11.95	105	122900	22.03	ug/l	98
82) p-Isopropyltoluene	12.07	119	101681	20.63	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	55349	19.92	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	57735	20.64	ug/l	100
85) n-Butylbenzene	12.39	91	92272	21.09	ug/l	99
86) Hexachloroethane	12.60	117	15088	19.00	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	60638	21.74	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	8278	19.46	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	37702	19.25	ug/l	100
90) Hexachlorobutadiene	13.79	225	17279	19.46	ug/l	99
91) Naphthalene	13.84	128	120320	20.10	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	40562	20.34	ug/l	100

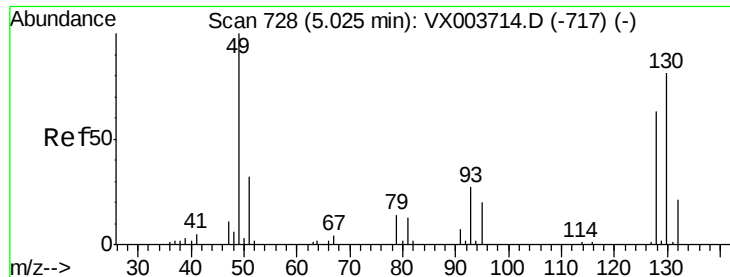
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\
Data File : VX003721.D
Acq On : 27 Jul 2018 19:39
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Sample : VX0727WBS01
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Instrument :
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ClientSampleId :
VX0727WBS01

Quant Time: Jul 28 02:29:17 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

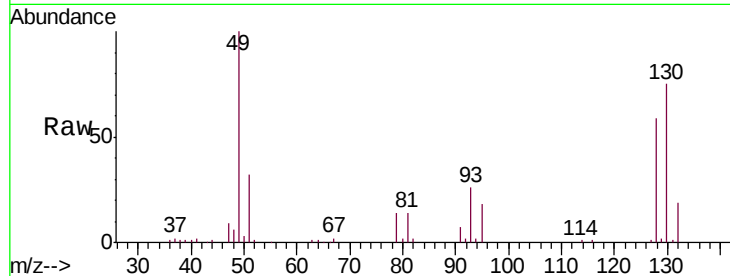
Tot Ion:128 Resp: 24075

Ion Ratio Lower Upper

128 100

49 164.1 0.0 423.0

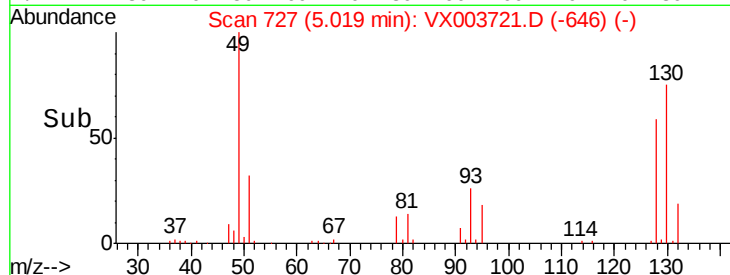
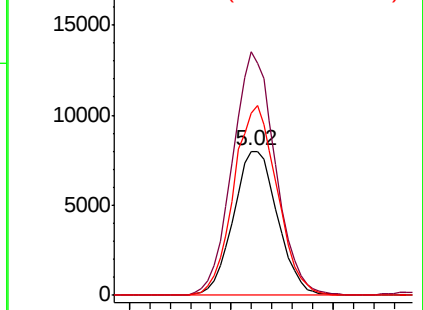
130 129.3 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.54 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003721.D

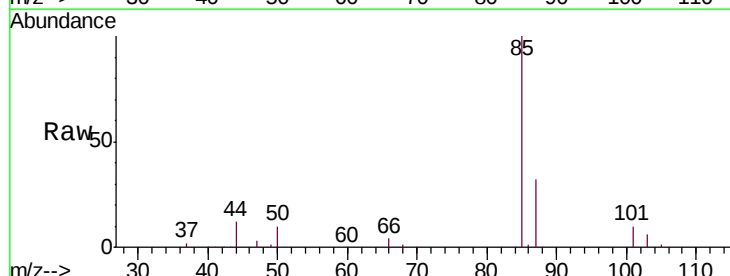
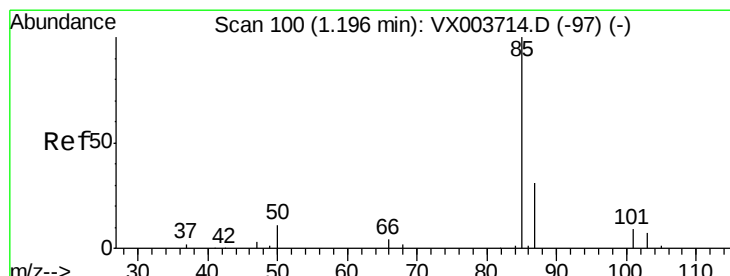
Acq: 27 Jul 2018 19:39

Tgt Ion: 85 Resp: 22299

Ion Ratio Lower Upper

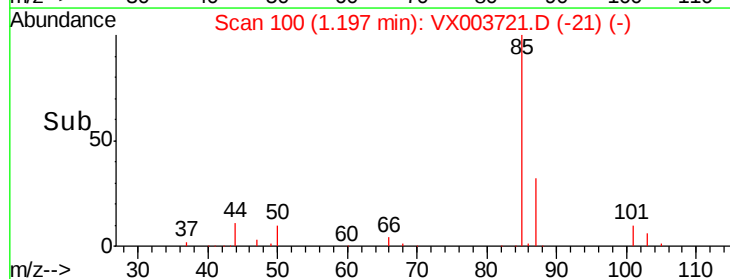
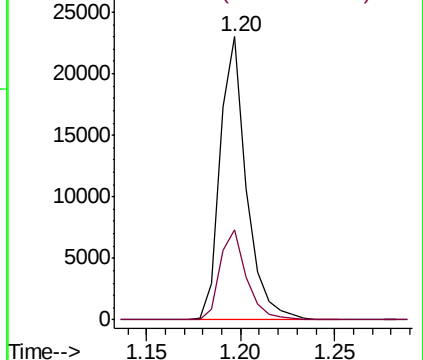
85 100

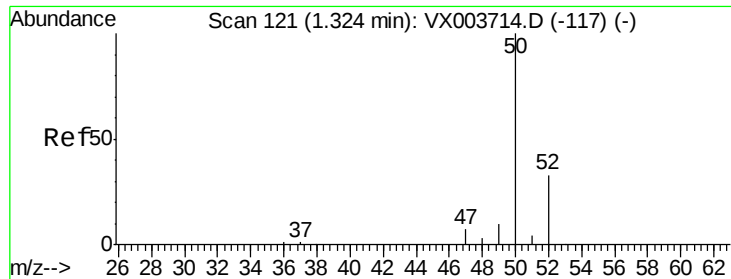
87 31.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

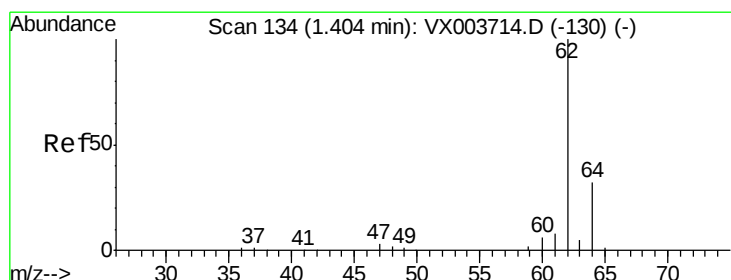
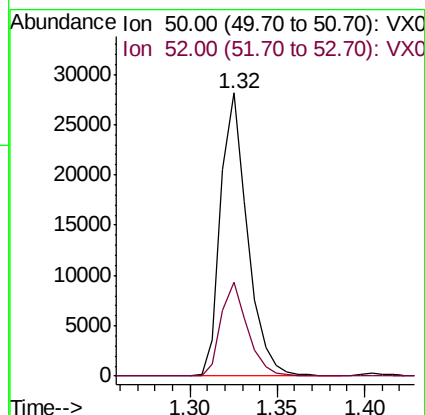
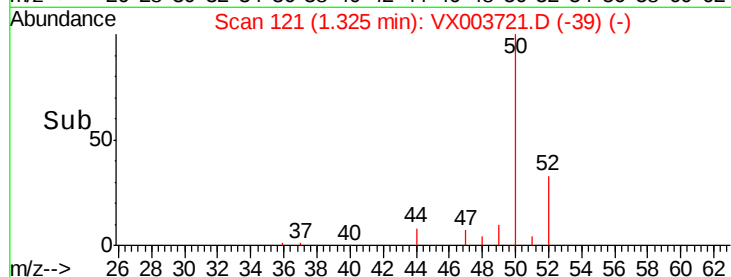
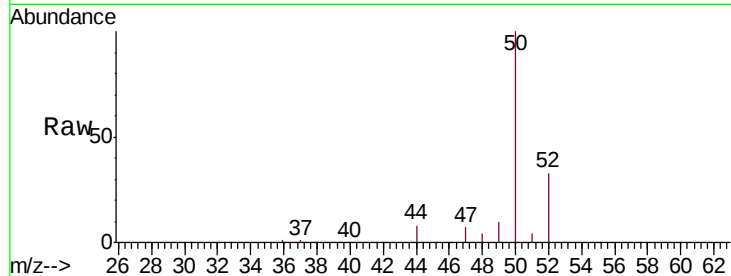
VX0727WBS01

Tot Ion: 50 Resp: 30079

Ion Ratio Lower Upper

50 100

52 33.4 25.6 38.4



#4

Vinyl Chloride

Concen: 17.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003721.D

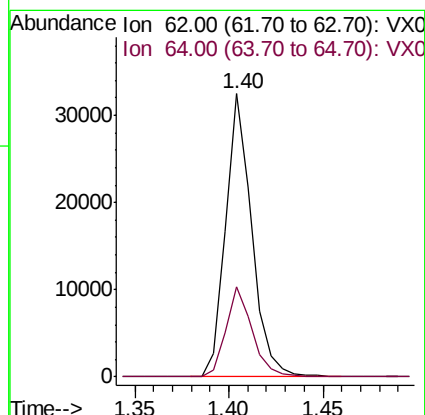
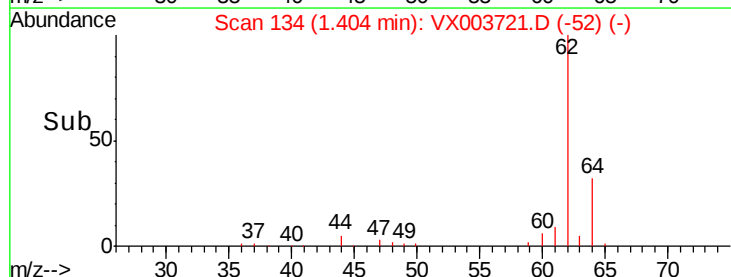
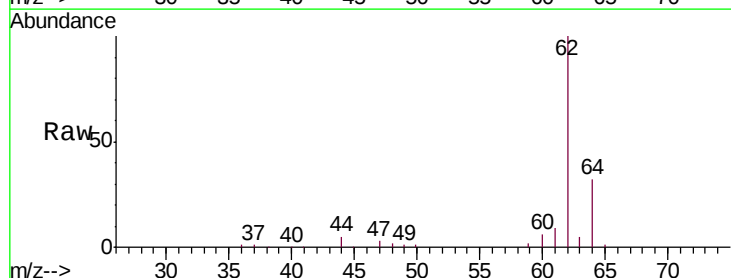
Acq: 27 Jul 2018 19:39

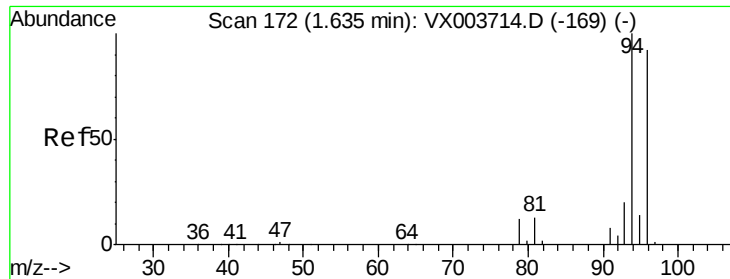
Tgt Ion: 62 Resp: 31215

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 17.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

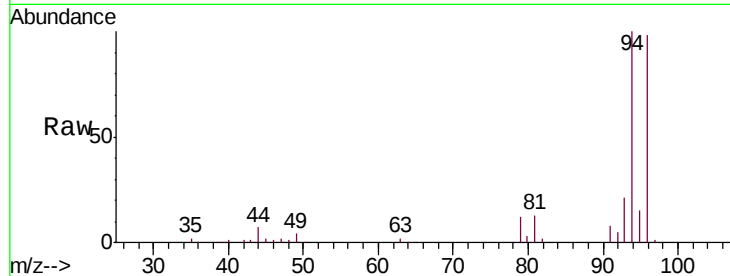
VX0727WBS01

Tot Ion: 94 Resp: 18440

Ion Ratio Lower Upper

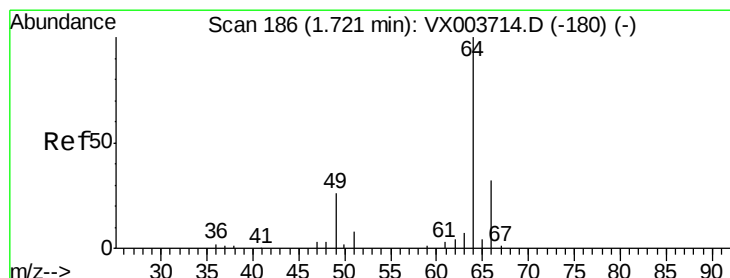
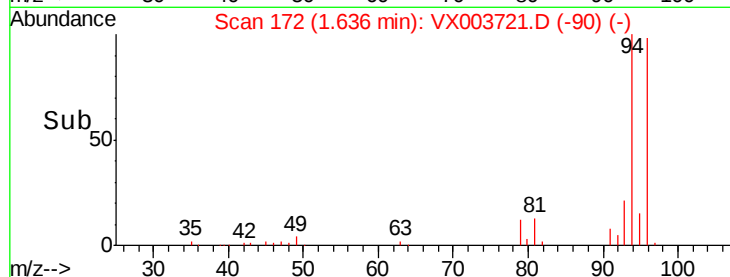
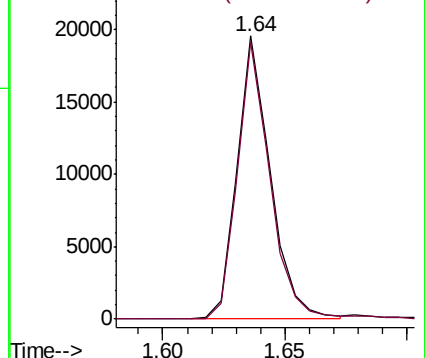
94 100

96 97.8 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.57 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003721.D

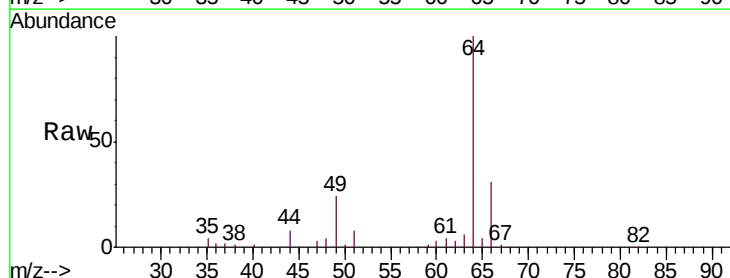
Acq: 27 Jul 2018 19:39

Tgt Ion: 64 Resp: 20698

Ion Ratio Lower Upper

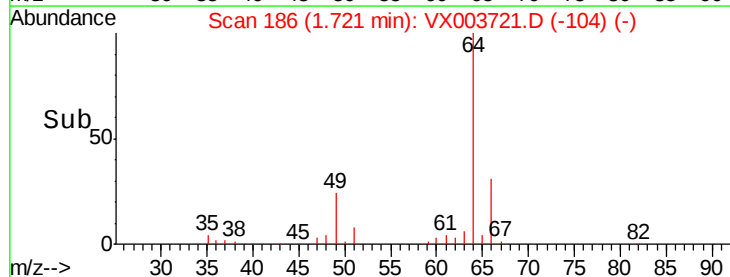
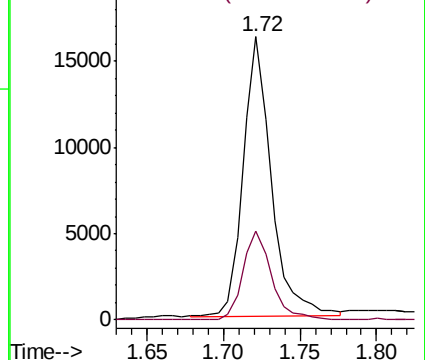
64 100

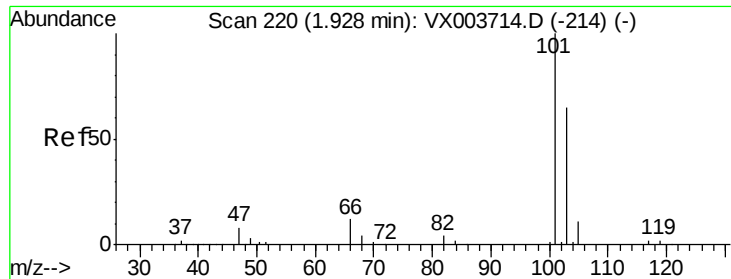
66 31.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



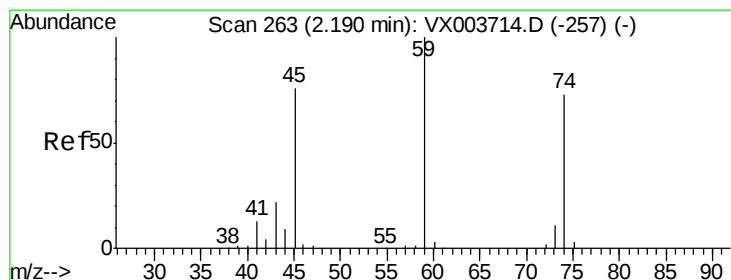
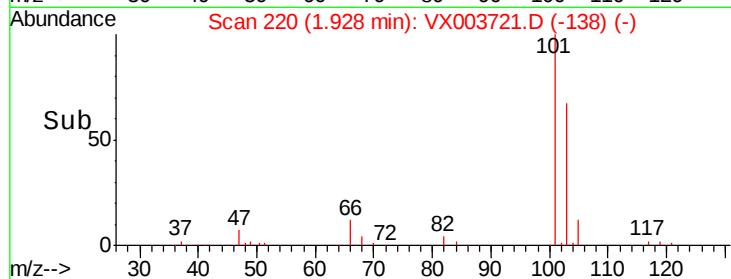
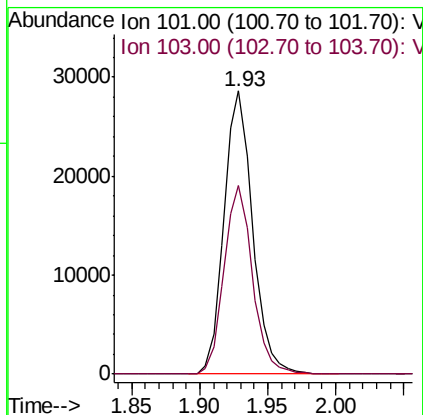
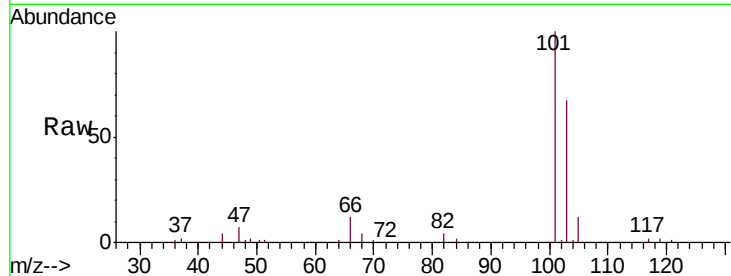


#7

Trichlorofluoromethane
 Concen: 17.32 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

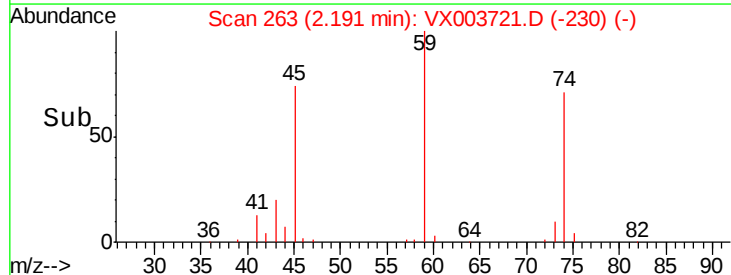
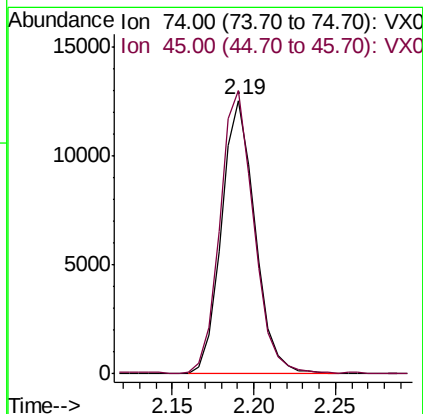
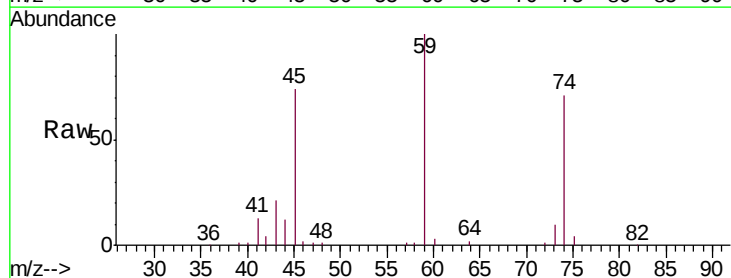
Tot Ion:101 Resp: 41942
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.5 77.3

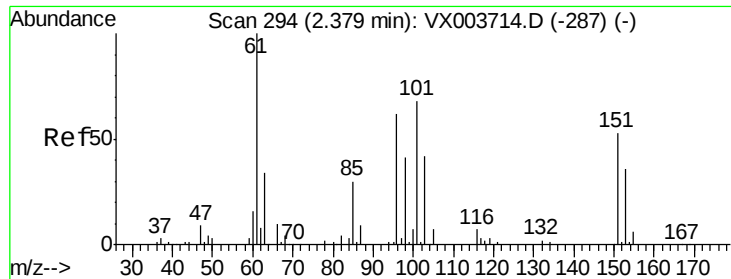


#8

Diethyl Ether
 Concen: 17.37 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 74 Resp: 18027
 Ion Ratio Lower Upper
 74 100
 45 104.7 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.01 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

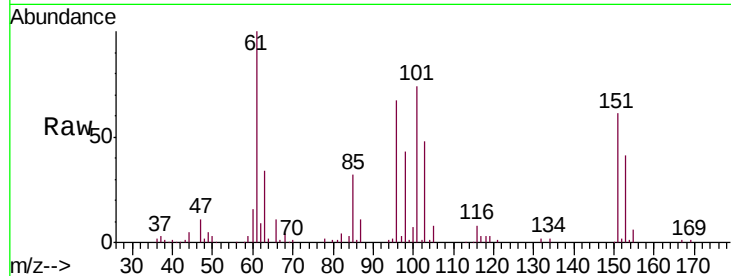
Tot Ion:101 Resp: 26438

Ion Ratio Lower Upper

101 100

85 42.9 0.0 87.0

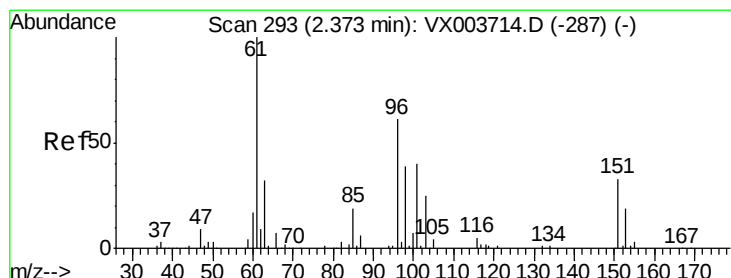
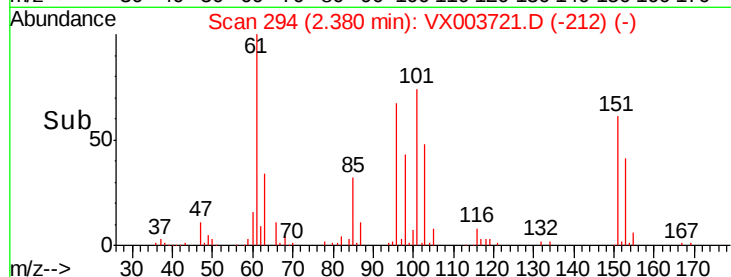
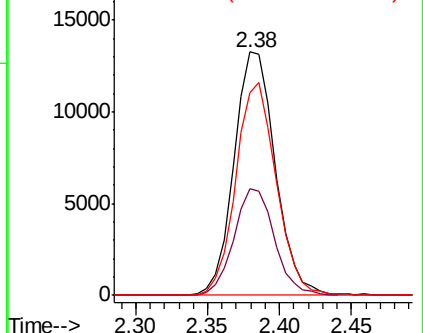
151 85.4 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.95 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

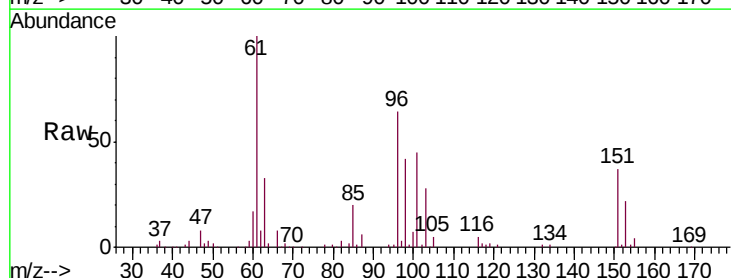
Tgt Ion: 96 Resp: 24777

Ion Ratio Lower Upper

96 100

61 155.3 137.5 206.3

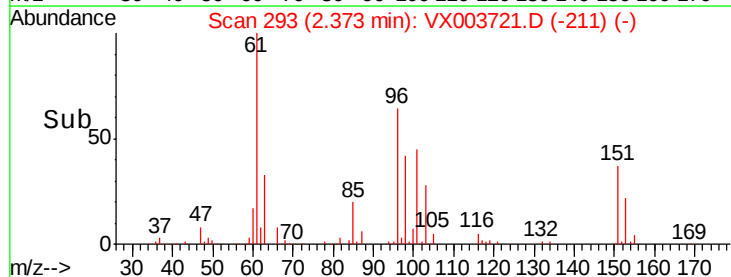
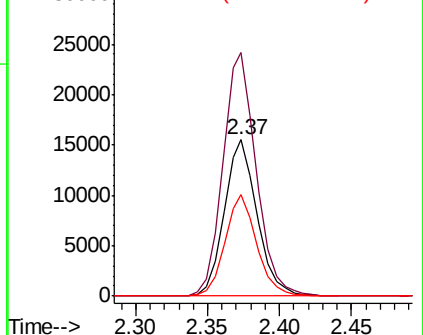
98 65.2 51.4 77.2

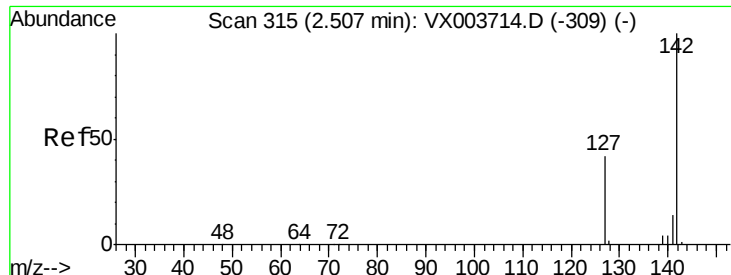


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

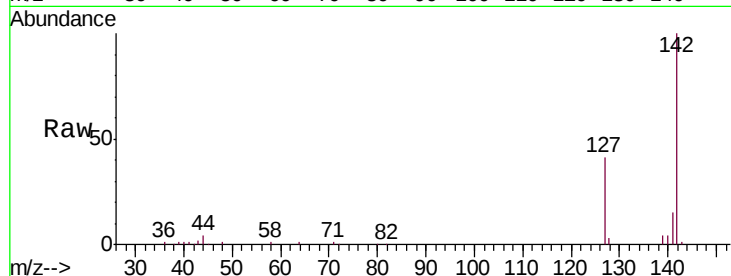




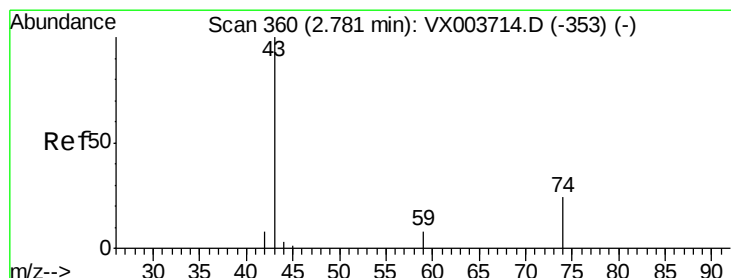
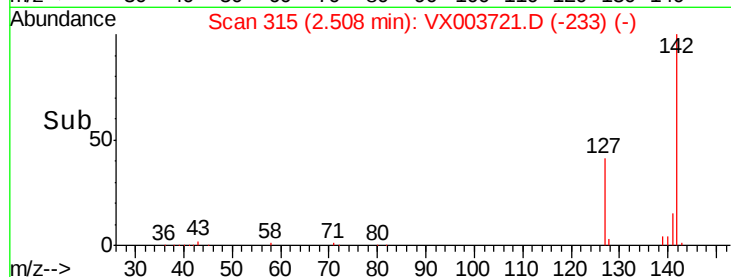
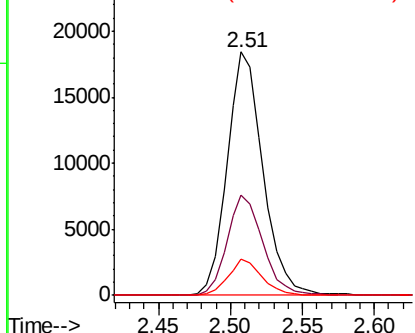
#11
Methvl Iodide
Concen: 16.74 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion:142 Resp: 32027
Ion Ratio Lower Upper
142 100
127 41.4 23.2 69.6
141 14.9 7.4 22.2

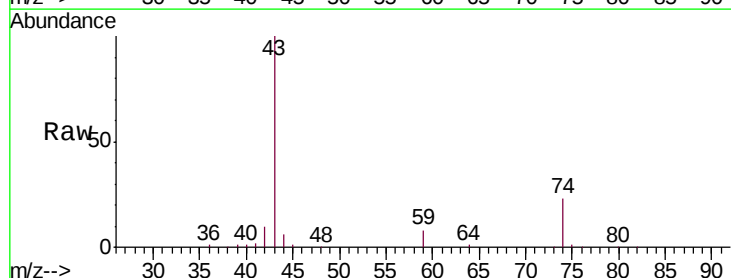


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

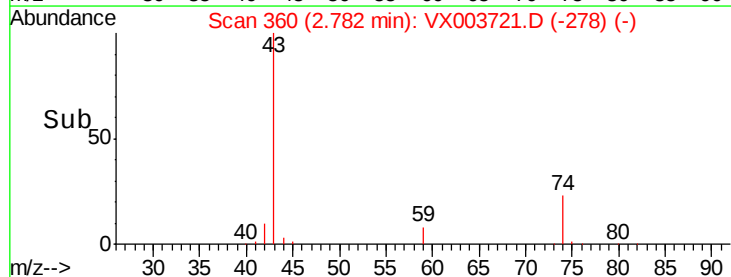
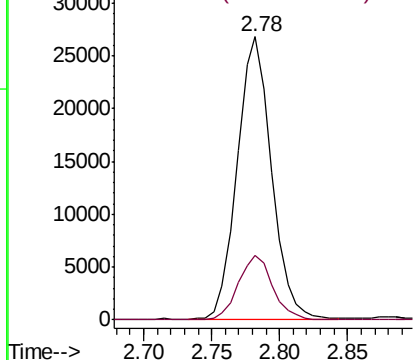


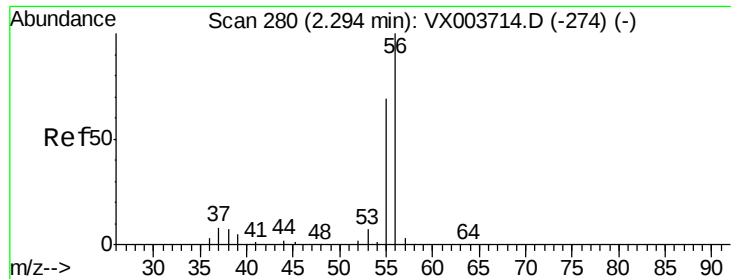
#12
Methyl Acetate
Concen: 18.40 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 43 Resp: 47002
Ion Ratio Lower Upper
43 100
74 22.7 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 88.06 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

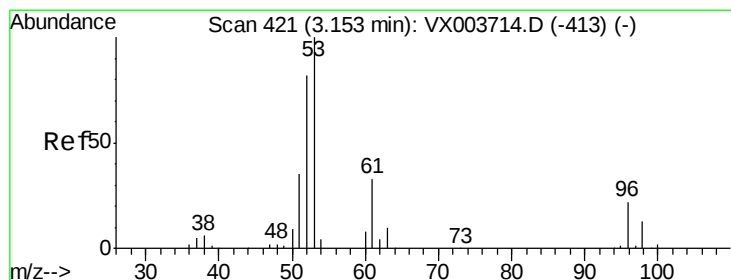
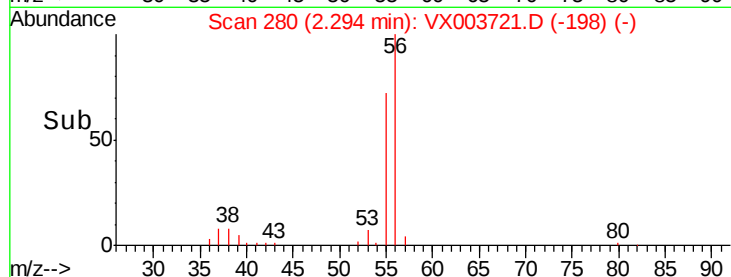
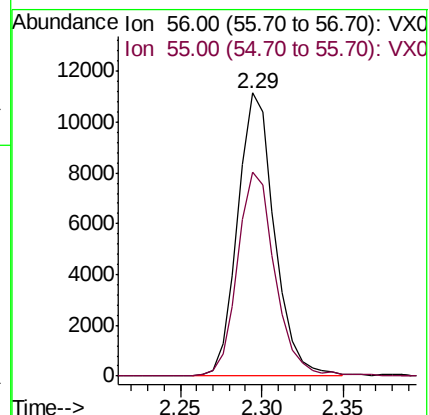
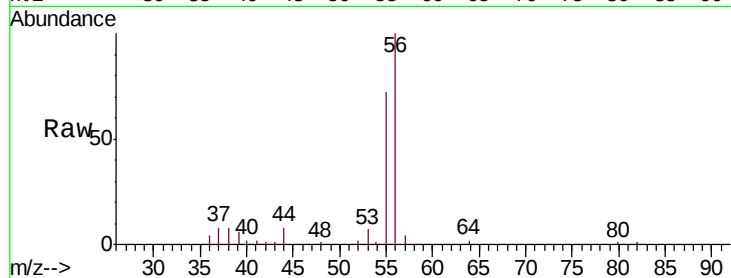
VX0727WBS01

Tot Ion: 56 Resp: 17540

Ion Ratio Lower Upper

56 100

55 72.8 57.3 85.9



#14

Acrylonitrile

Concen: 91.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

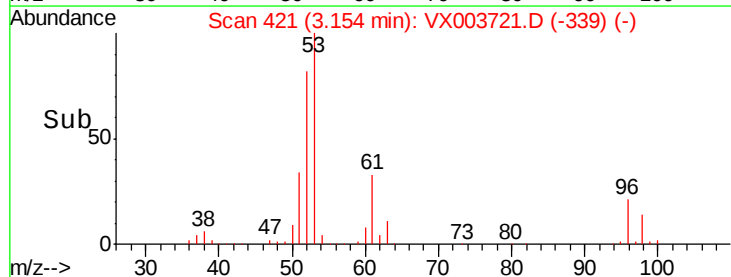
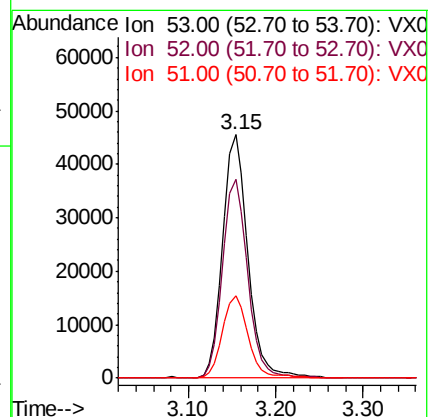
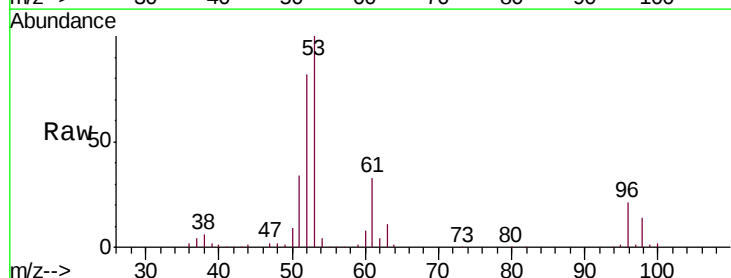
Tgt Ion: 53 Resp: 91599

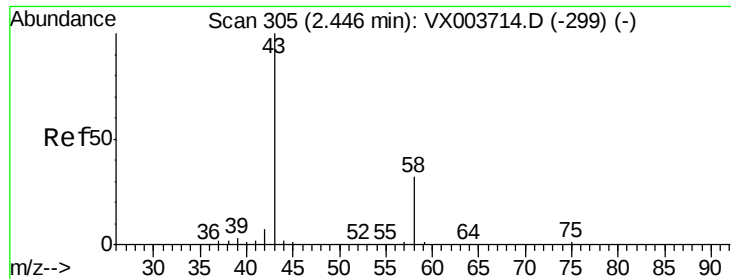
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.6

51 35.1 17.9 53.8





#15

Acetone

Concen: 87.72 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

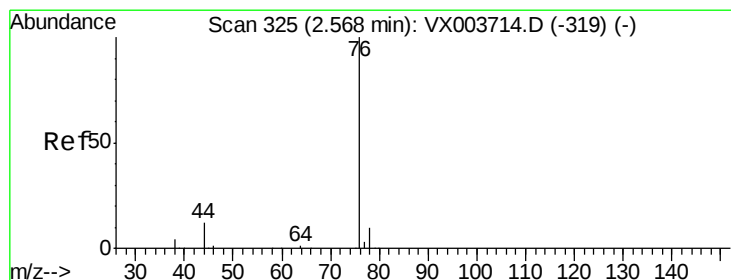
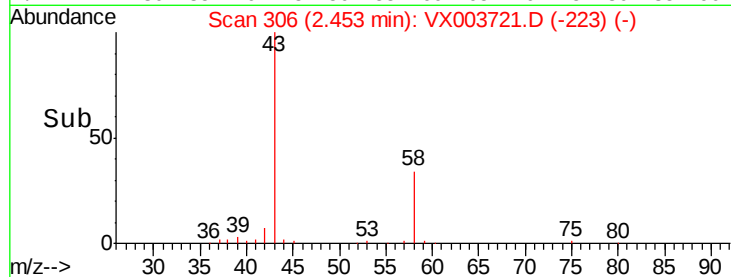
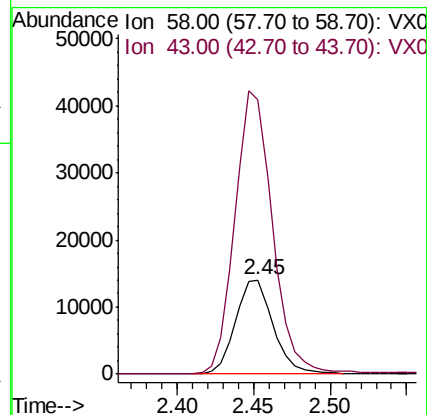
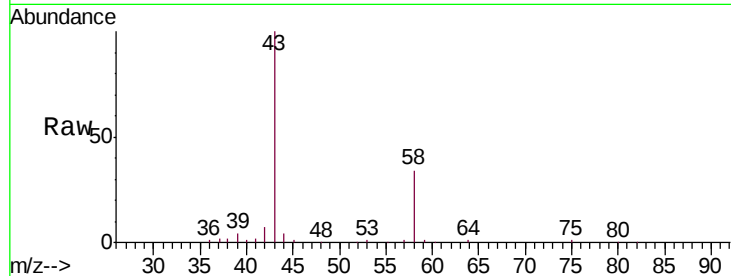
VX0727WBS01

Tot Ion: 58 Resp: 23954

Ion Ratio Lower Upper

58 100

43 291.2 278.8 418.2



#16

Carbon Disulfide

Concen: 16.93 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003721.D

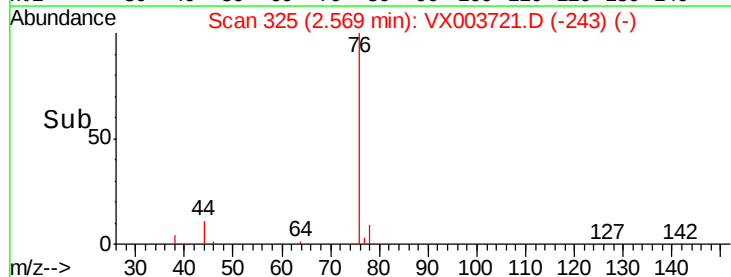
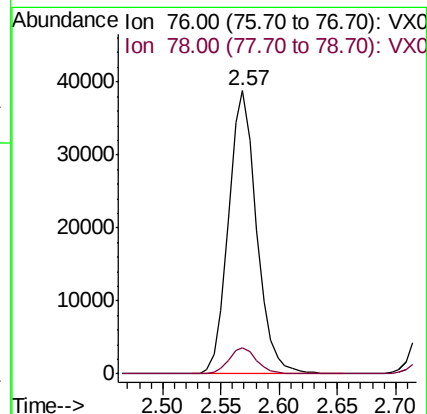
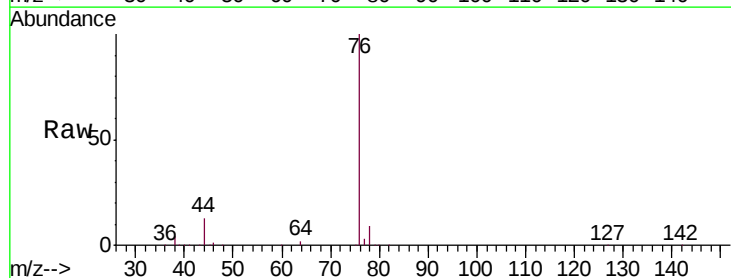
Acq: 27 Jul 2018 19:39

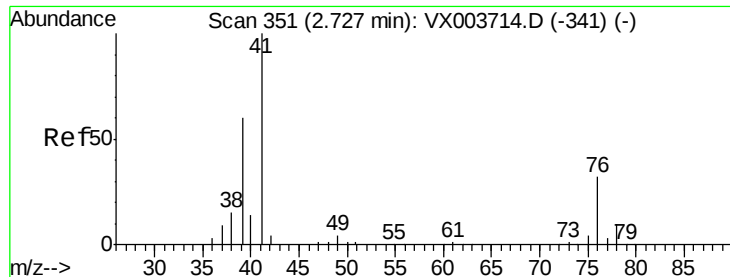
Tgt Ion: 76 Resp: 64890

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

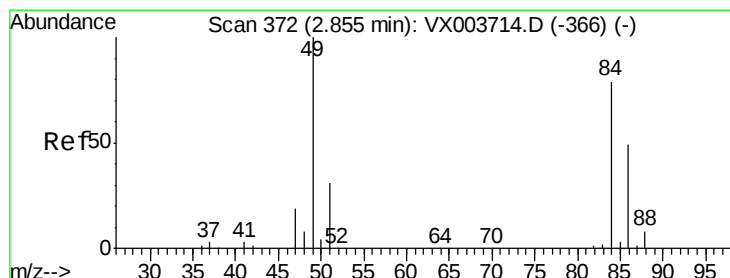
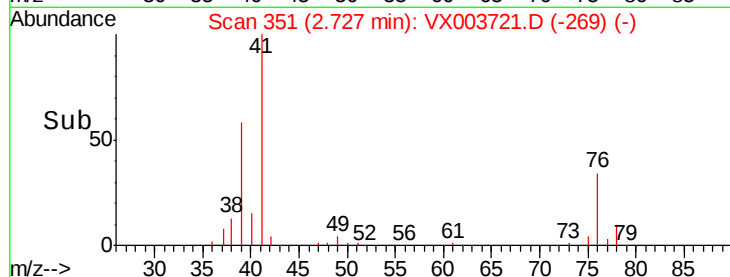
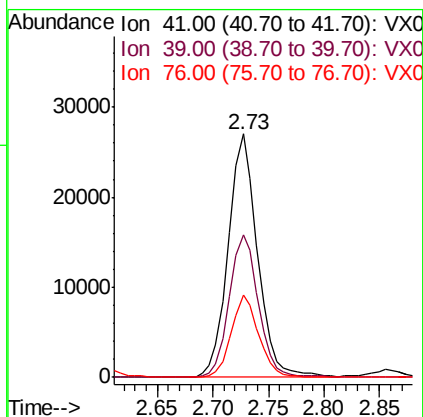
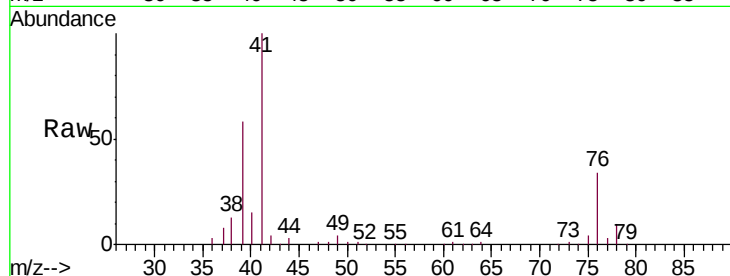




#17
Allvl chloride
Concen: 17.13 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

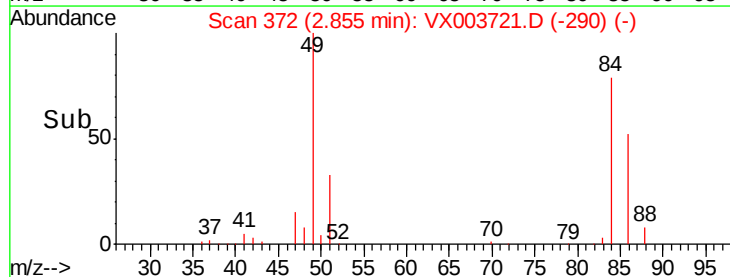
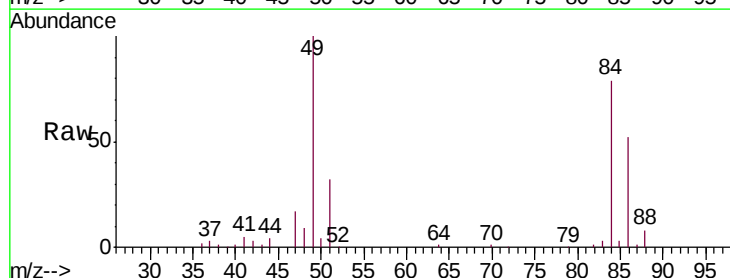
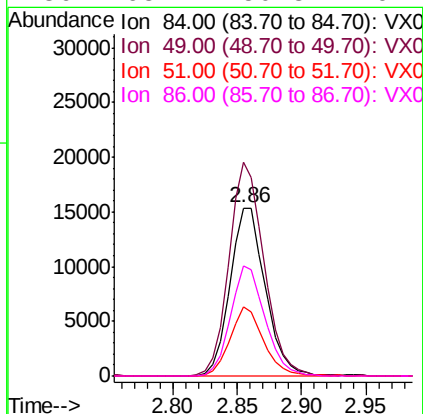
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

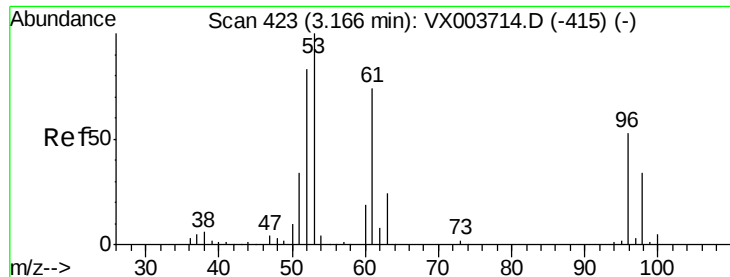
Tot Ion: 41 Resp: 48937
Ion Ratio Lower Upper
41 100
39 58.3 34.6 103.8
76 33.8 15.0 45.1



#18
Methylene Chloride
Concen: 17.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 84 Resp: 29386
Ion Ratio Lower Upper
84 100
49 127.4 104.7 157.1
51 41.1 31.0 46.4
86 65.7 50.8 76.2

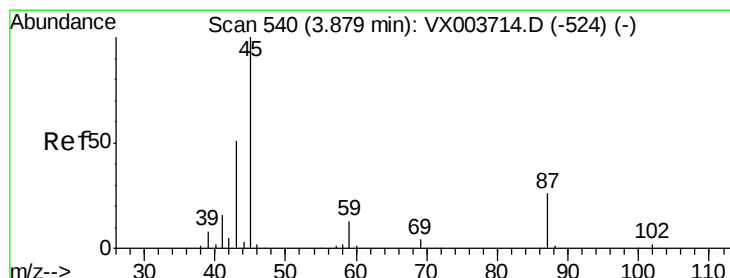
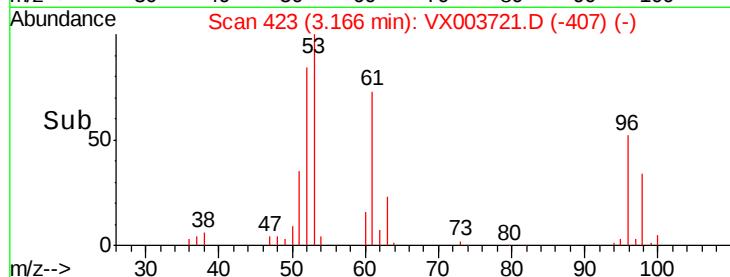
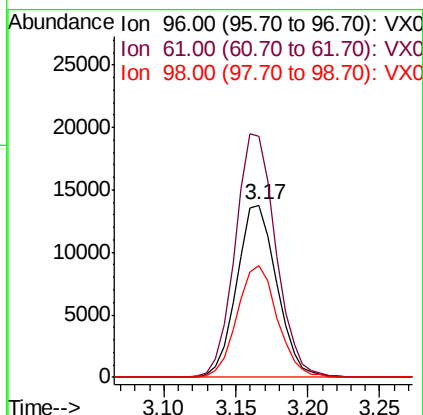
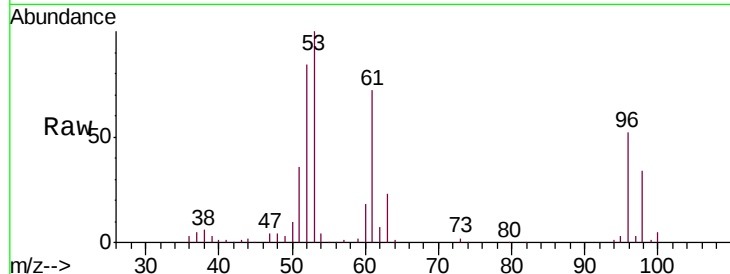




#19
trans-1,2-Dichloroethene
Concen: 17.93 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

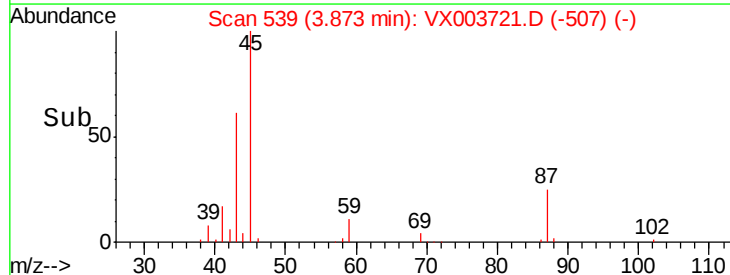
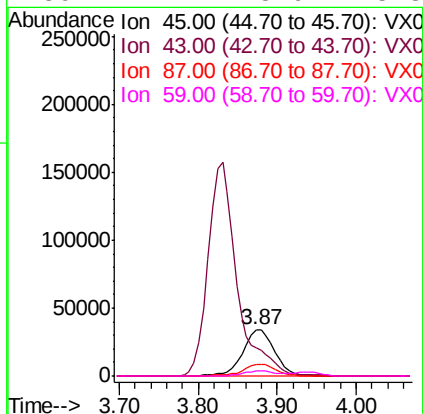
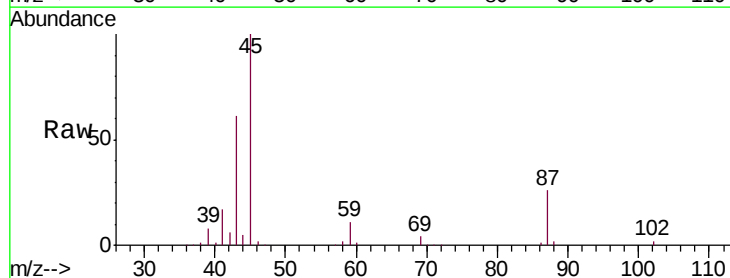
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

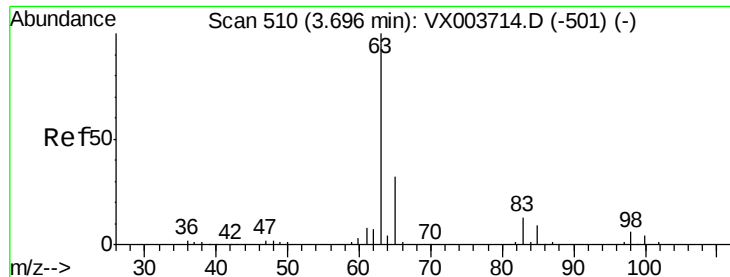
Tot Ion: 96 Resp: 26752
Ion Ratio Lower Upper
96 100
61 139.9 114.6 172.0
98 65.1 51.3 76.9



#20
Diisopropyl ether
Concen: 18.27 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 45 Resp: 95832
Ion Ratio Lower Upper
45 100
43 60.6 45.6 68.4
87 25.9 20.7 31.1
59 11.4 8.9 13.3





#21

1,1-Dichloroethane

Concen: 18.22 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

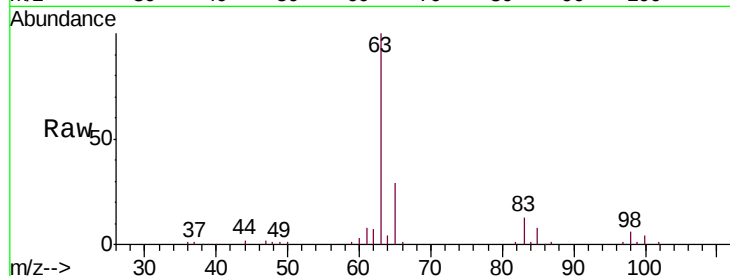
Tot Ion: 63 Resp: 54104

Ion Ratio Lower Upper

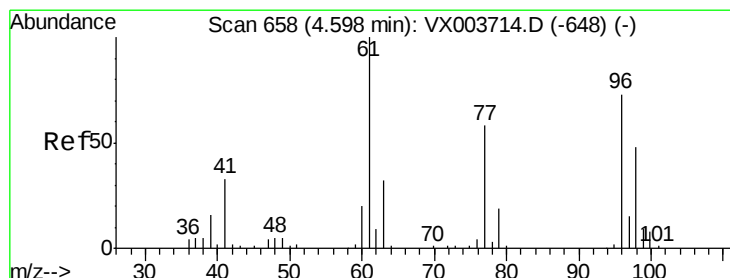
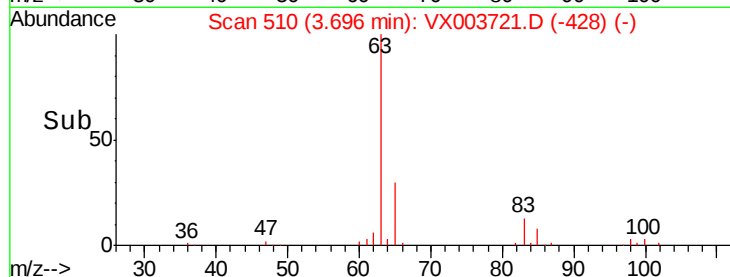
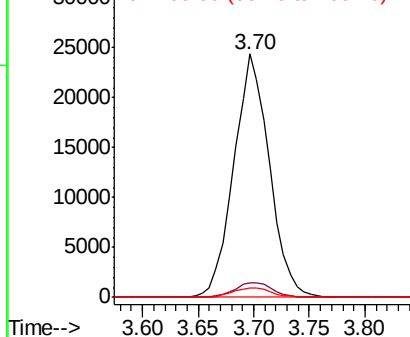
63 100

98 5.8 3.1 9.3

100 3.6 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.80 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

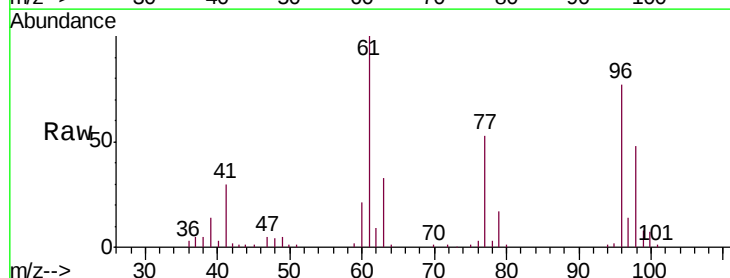
Tgt Ion: 96 Resp: 29835

Ion Ratio Lower Upper

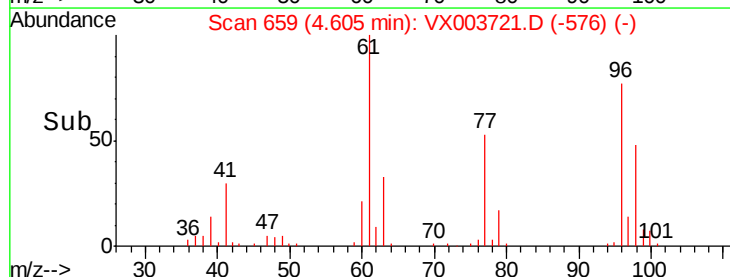
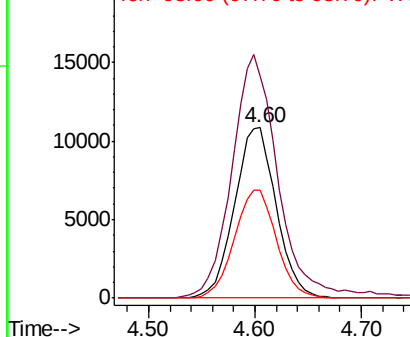
96 100

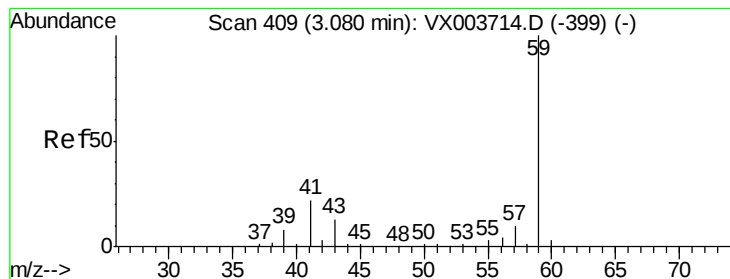
61 154.6 160.2 240.2#

98 63.8 54.1 81.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 89.90 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

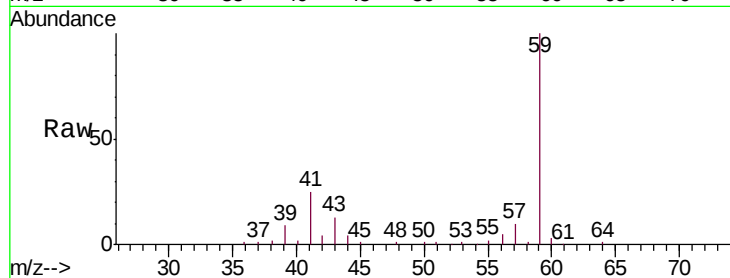
VX0727WBS01

Tot Ion: 59 Resp: 38000

Ion Ratio Lower Upper

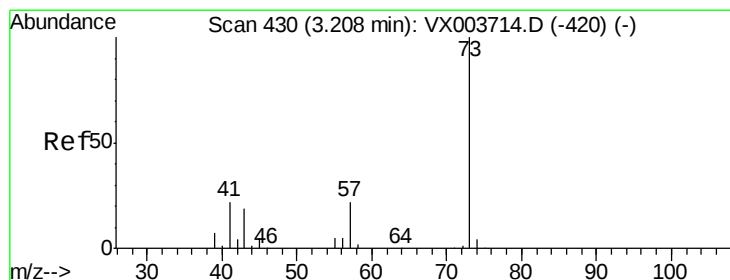
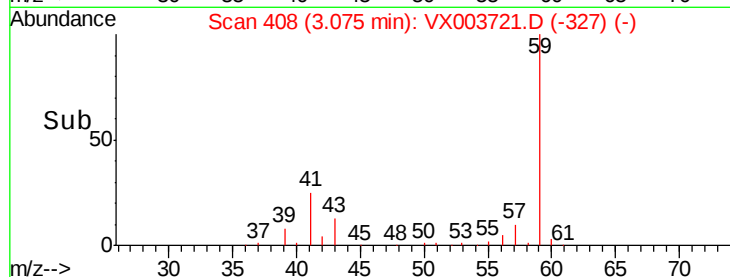
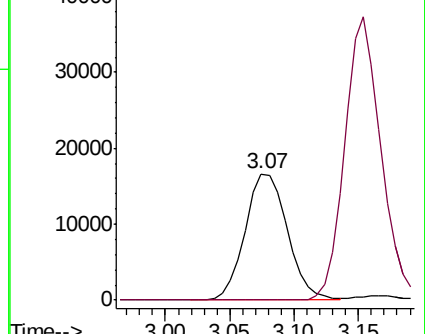
59 100

52 0.2 0.2 0.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.93 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003721.D

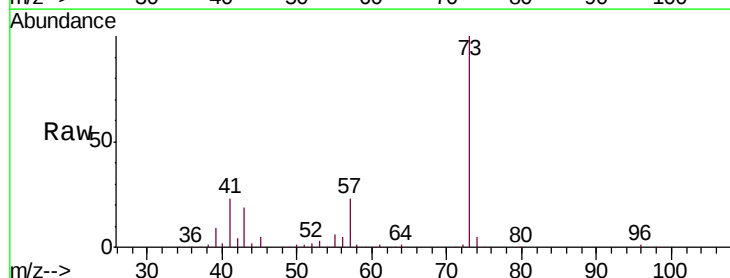
Acq: 27 Jul 2018 19:39

Tgt Ion: 73 Resp: 88769

Ion Ratio Lower Upper

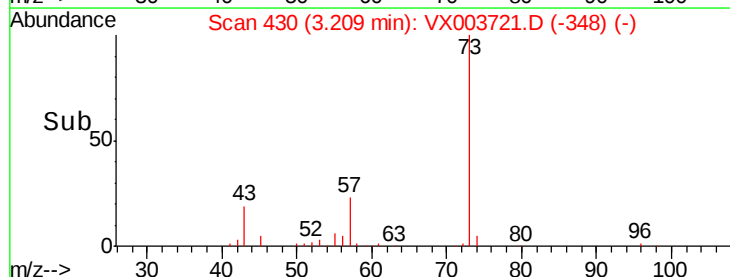
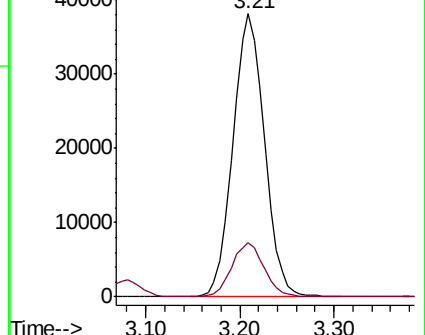
73 100

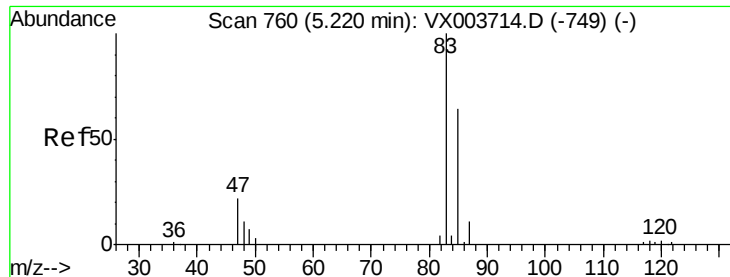
43 19.3 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

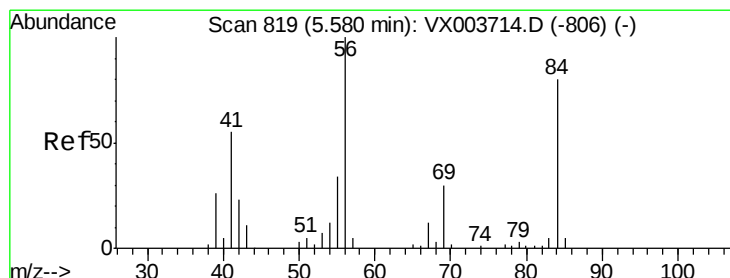
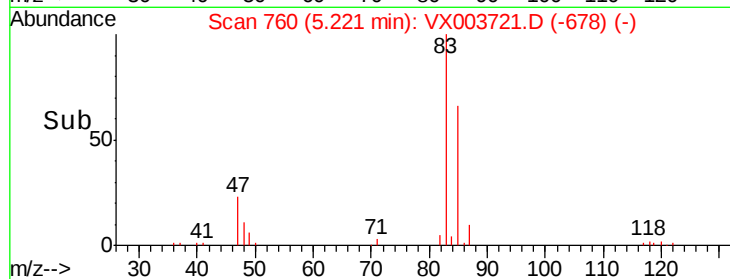
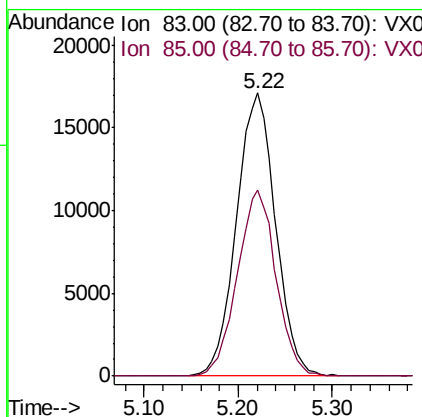
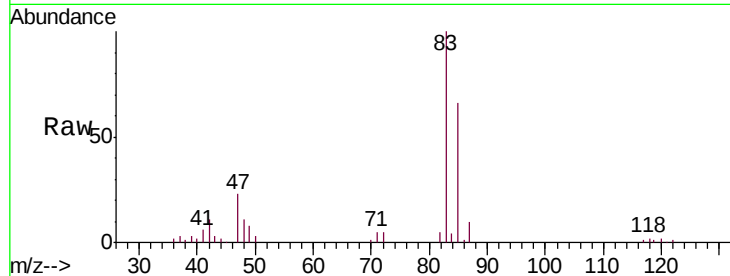




#25
Chloroform
Concen: 19.28 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

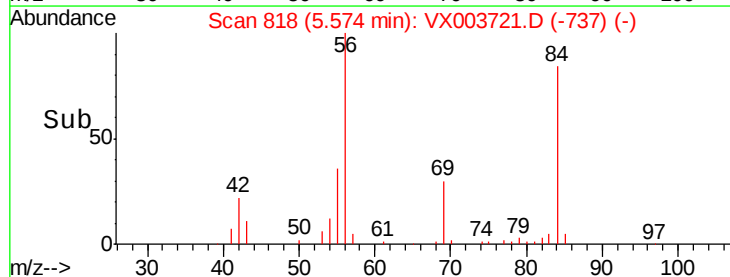
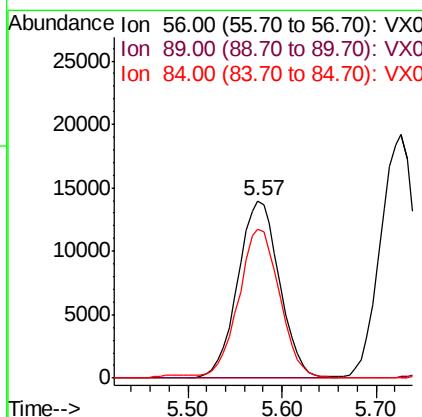
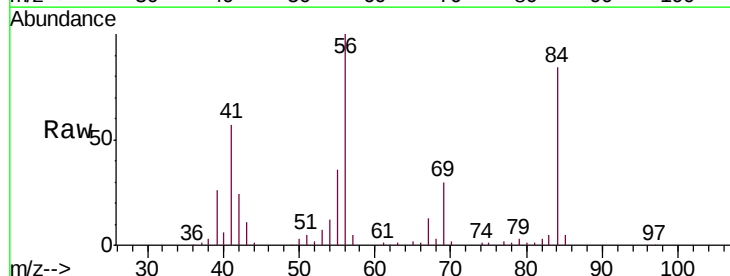
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

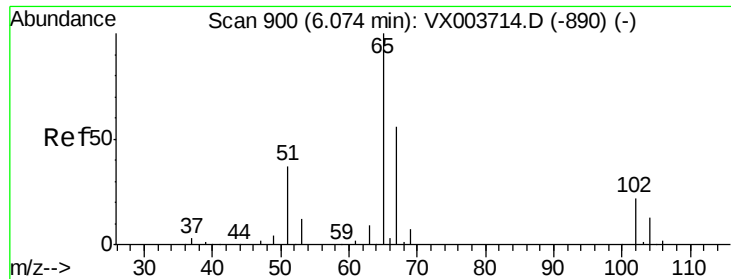
Tot Ion: 83 Resp: 49580
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9



#26
Cyclohexane
Concen: 19.35 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 56 Resp: 43164
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.1 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 28.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

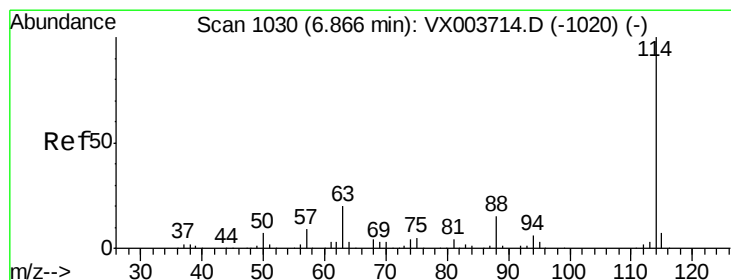
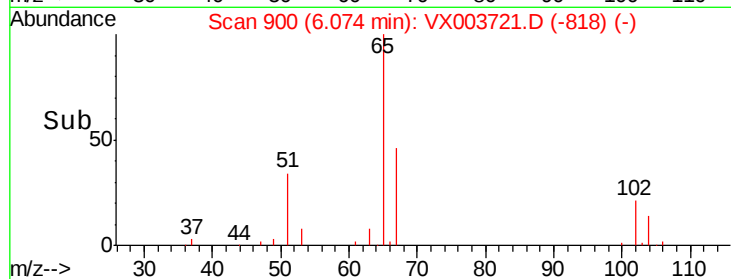
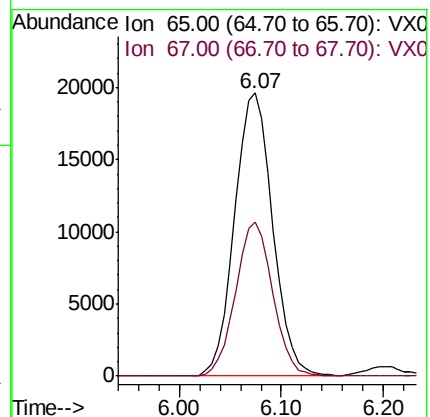
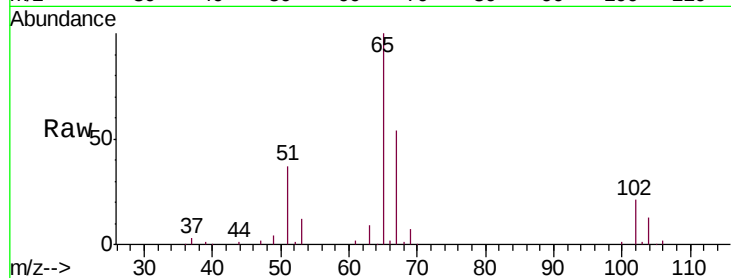
VX0727WBS01

Tot Ion: 65 Resp: 50796

Ion Ratio Lower Upper

65 100

67 53.1 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

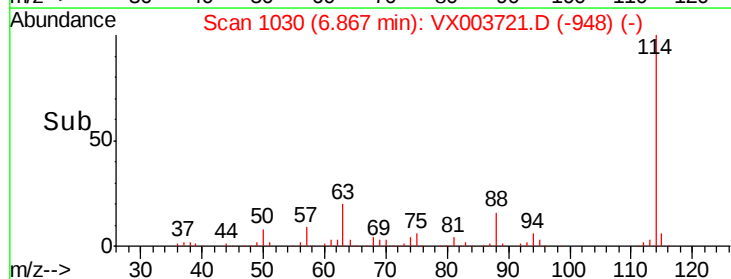
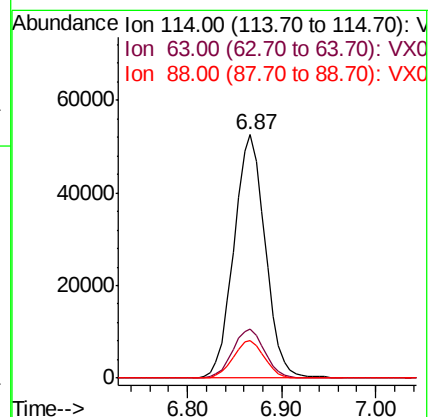
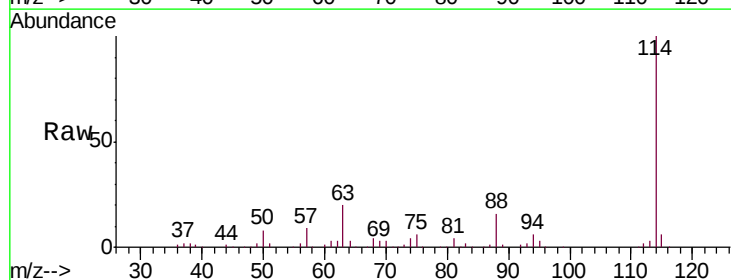
Tgt Ion: 114 Resp: 121762

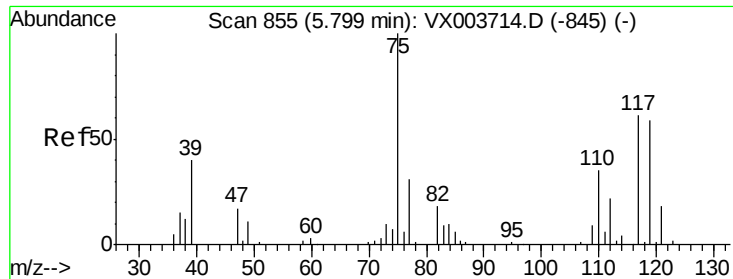
Ion Ratio Lower Upper

114 100

63 20.5 17.1 25.7

88 15.5 12.6 19.0

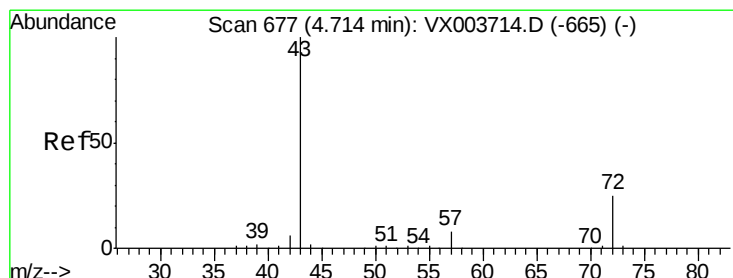
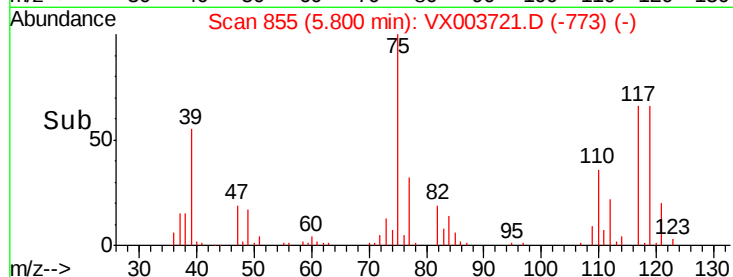
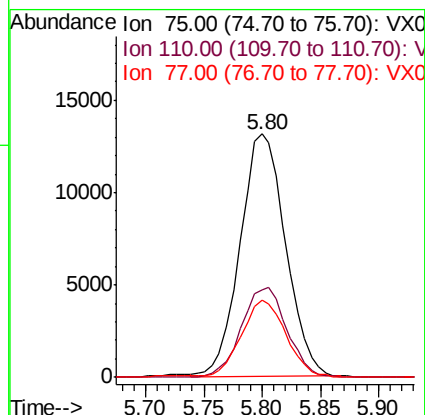
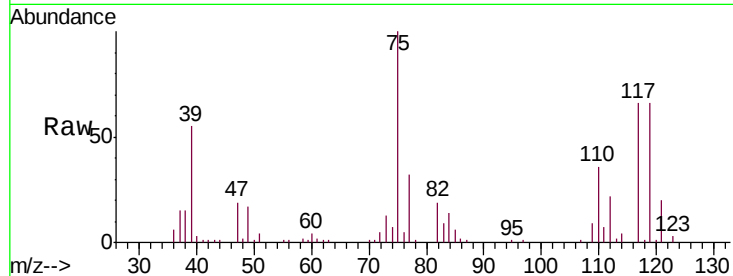




#29
 1,1-Dichloropropene
 Concen: 19.76 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

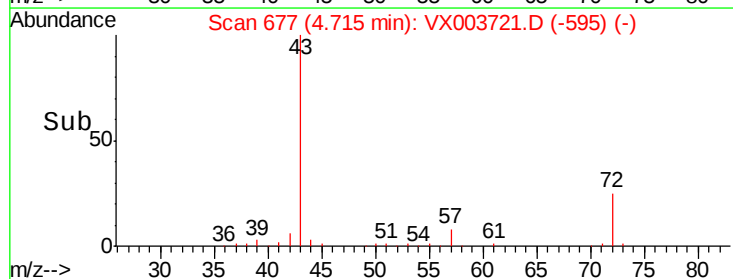
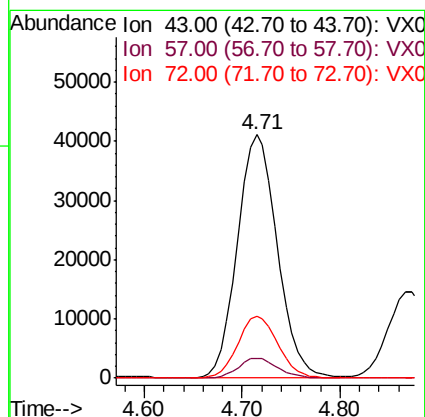
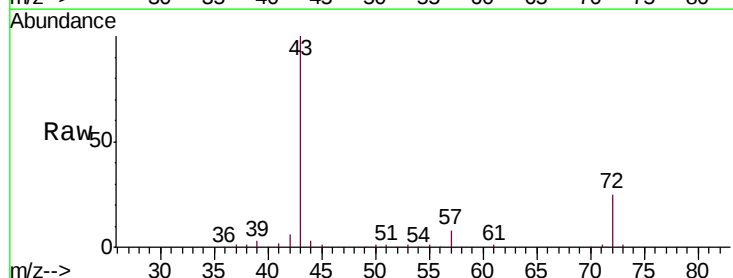
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

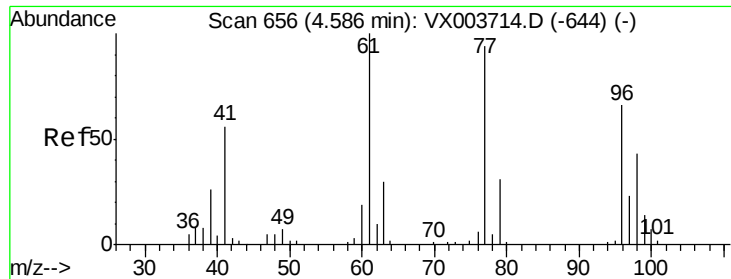
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	71.4
77	31.3	0.0	60.6



#30
 2-Butanone
 Concen: 101.93 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.1	9.1
72	25.5	18.1	27.1

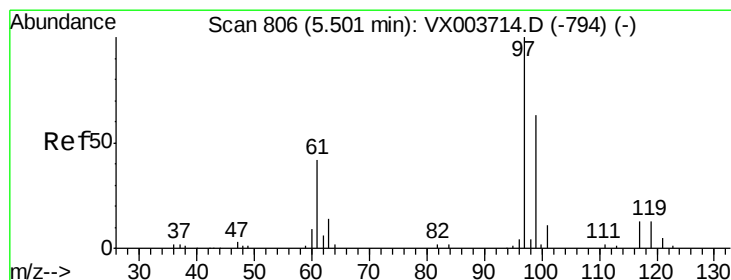
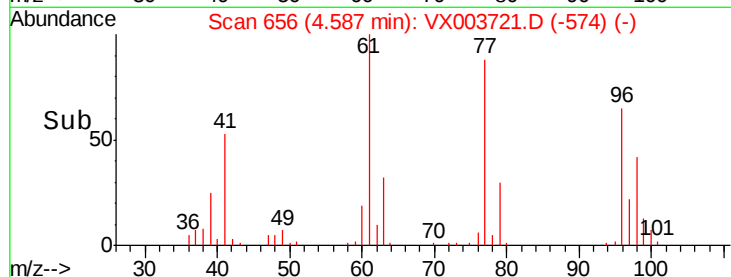
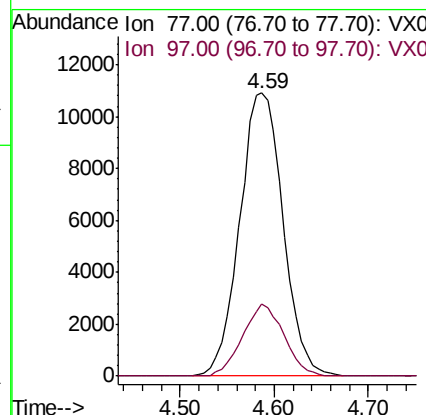
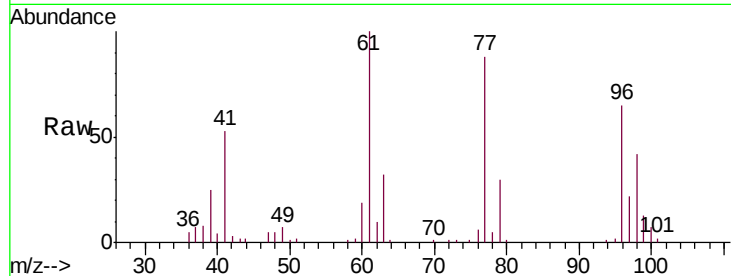




#31
 2,2-Dichloropropane
 Concen: 20.04 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

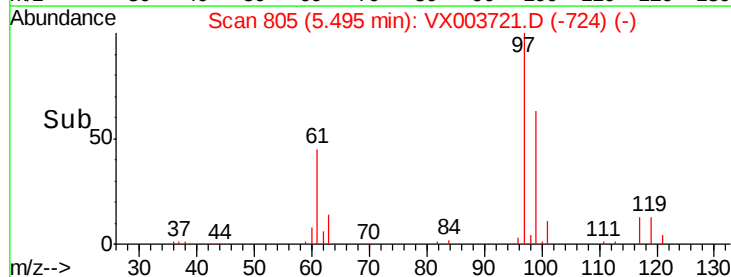
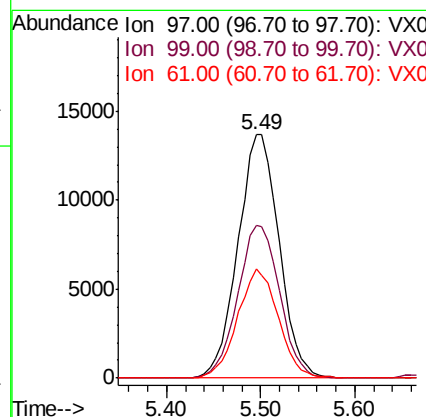
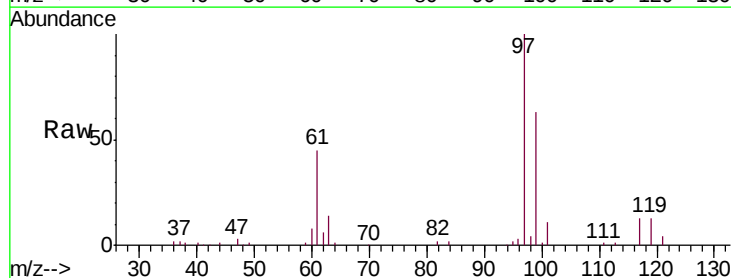
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

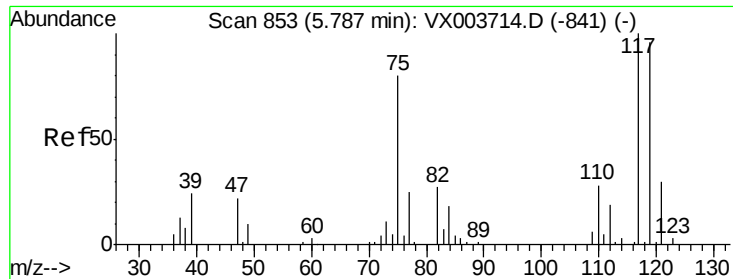
Tot Ion: 77 Resp: 34898
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 20.26 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 97 Resp: 41684
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.7 77.5
 61 44.2 36.4 54.6

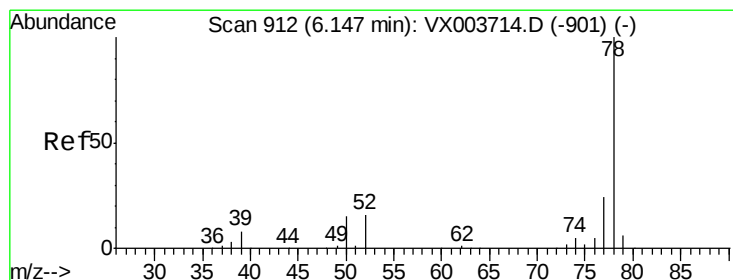
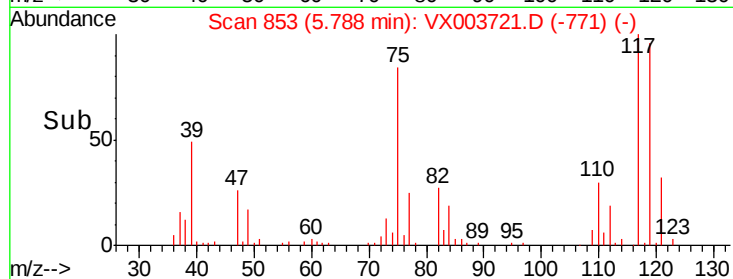
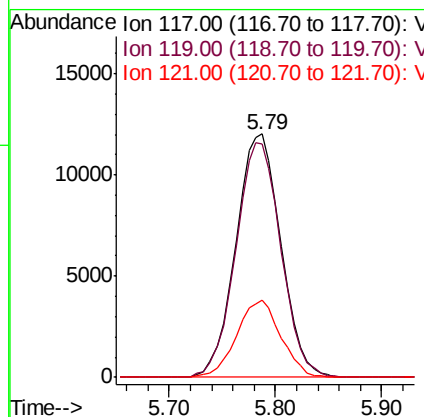
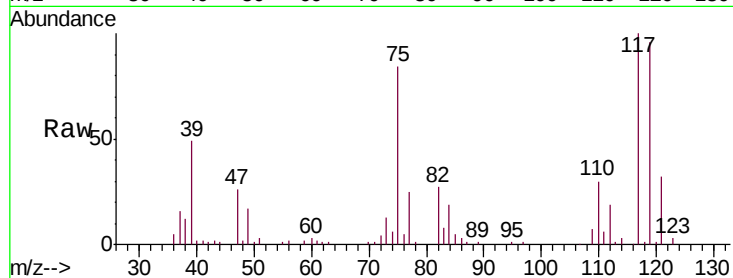




#33
Carbon Tetrachloride
Concen: 19.90 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

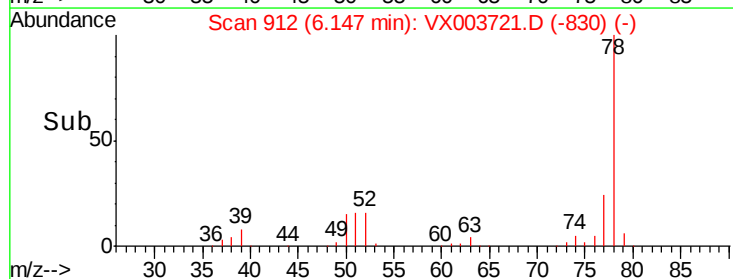
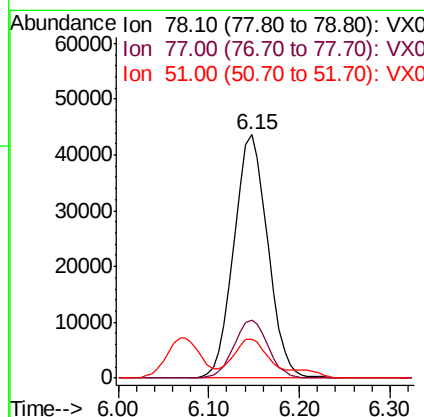
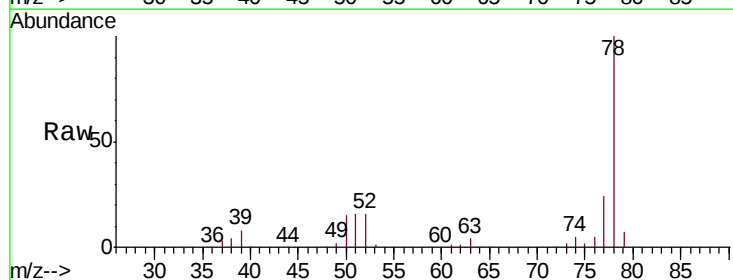
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

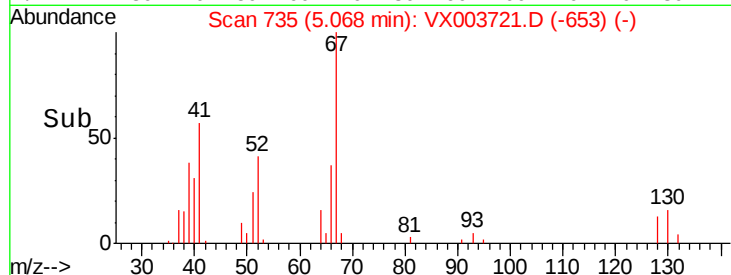
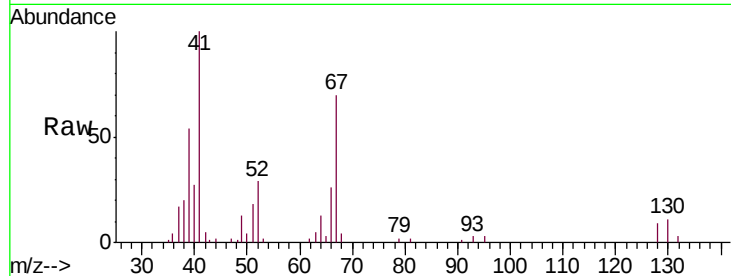
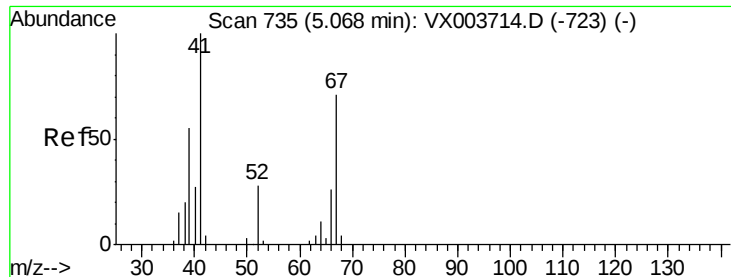
Tot Ion:117 Resp: 35578
Ion Ratio Lower Upper
117 100
119 95.8 73.3 109.9
121 31.7 23.6 35.4



#34
Benzene
Concen: 20.51 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 78 Resp: 113277
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0
51 15.7 13.8 20.6

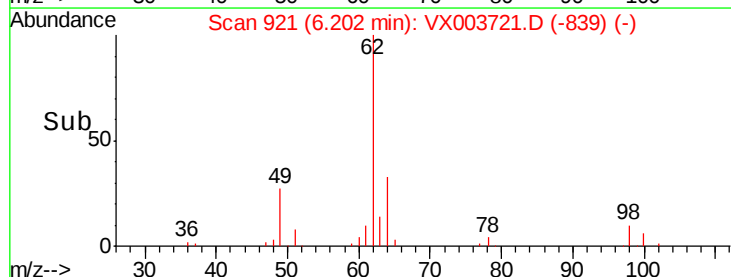
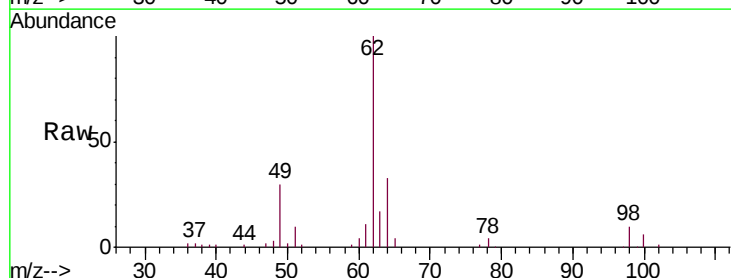
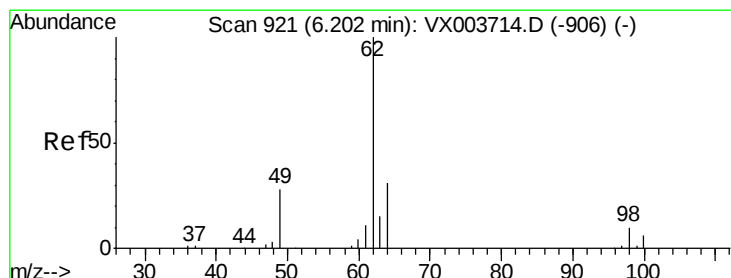
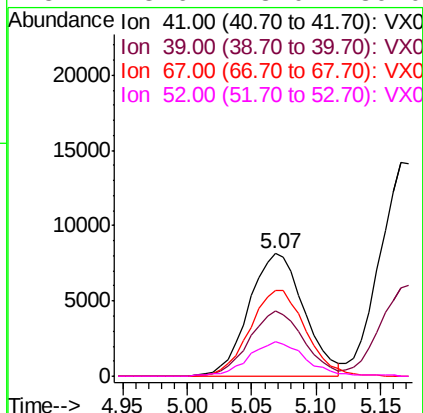




#35
Methacrylonitrile
Concen: 20.34 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

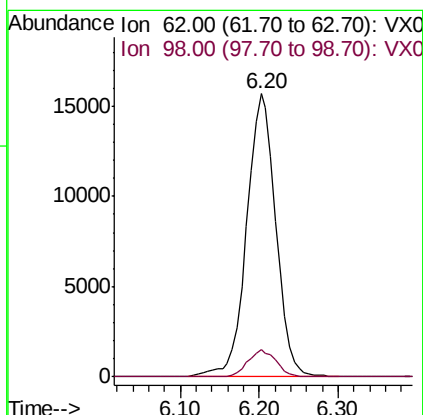
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

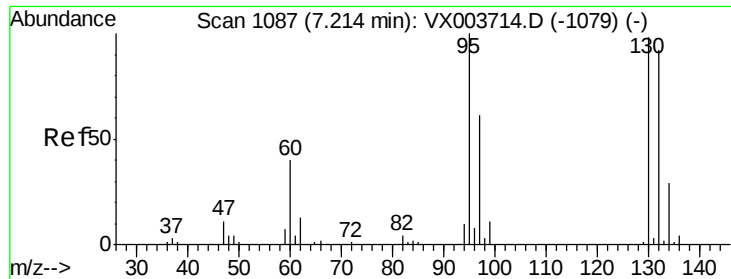
Tot Ion:	41	Resp:	24275
Ion	Ratio	Lower	Upper
41	100		
39	53.6	28.8	86.5
67	70.3	30.4	91.2
52	28.6	13.0	39.0



#36
1,2-Dichloroethane
Concen: 20.29 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion:	62	Resp:	40291
Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.5	9.7

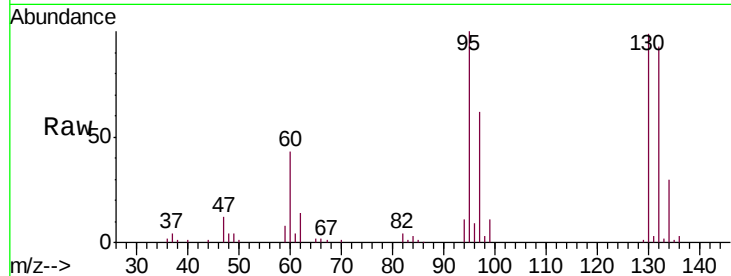




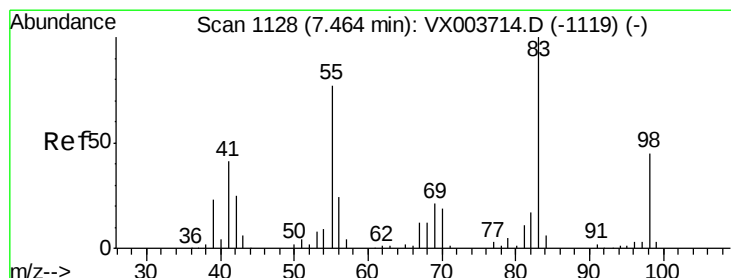
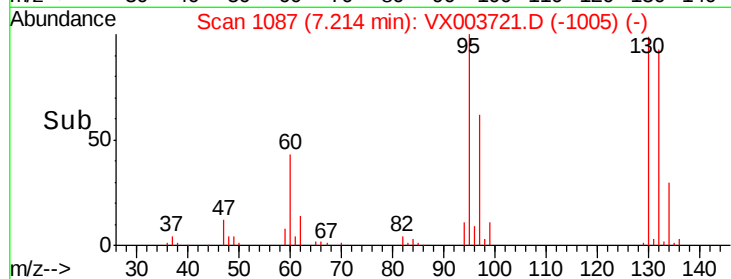
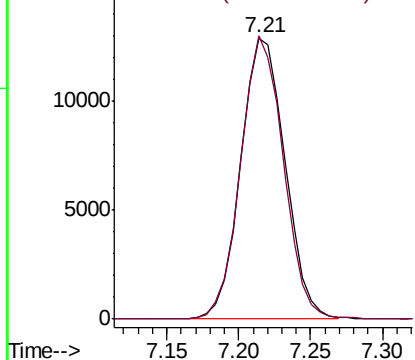
#37
 Trichloroethene
 Concen: 19.07 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion:130 Resp: 27454
 Ion Ratio Lower Upper
 130 100
 95 100.7 81.5 122.3

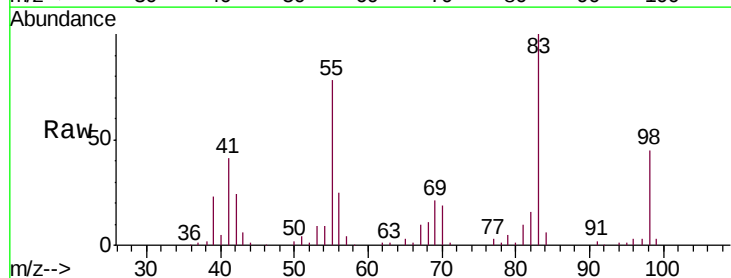


Abundance Ion 129.90 (129.60 to 130.60): V
 15000 Ion 94.90 (94.60 to 95.60): VX0

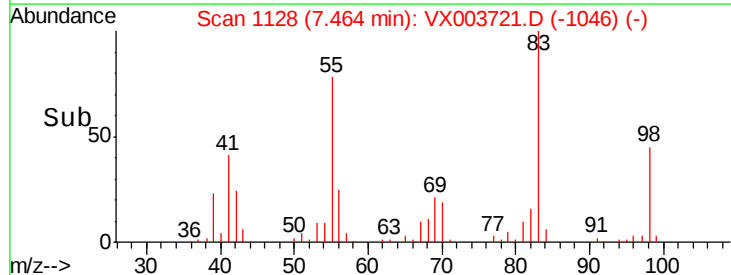
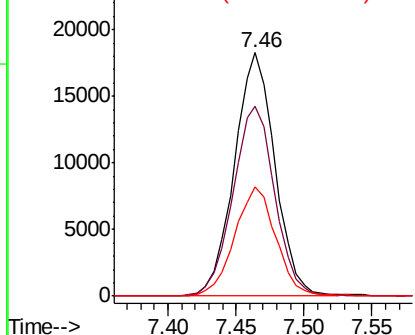


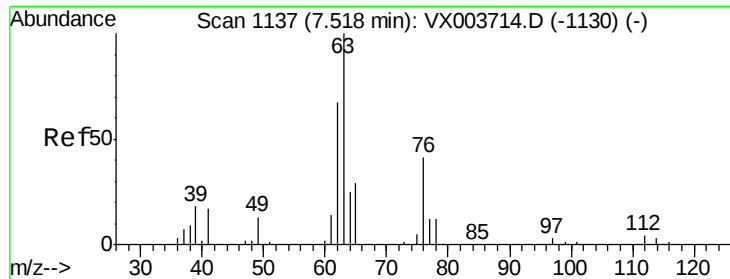
#38
 Methylcyclohexane
 Concen: 18.62 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 83 Resp: 38036
 Ion Ratio Lower Upper
 83 100
 55 80.4 40.6 121.8
 98 45.6 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 25000 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

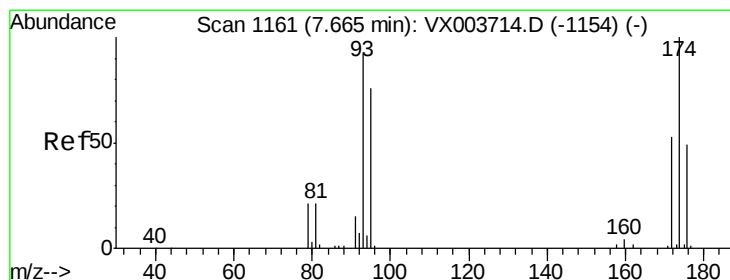
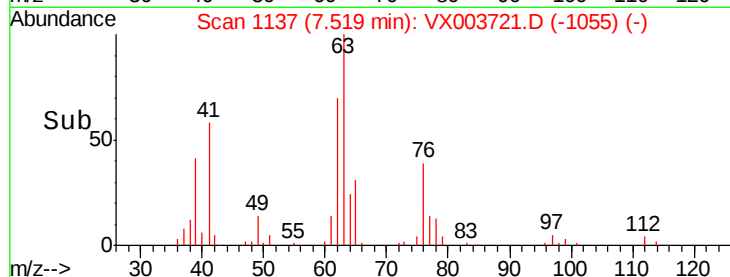
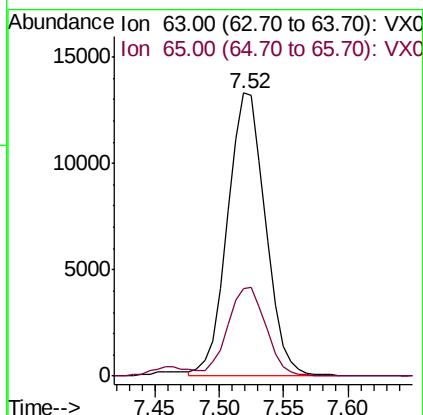
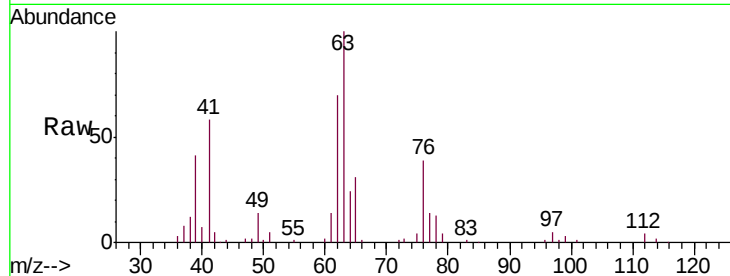




#39
 1,2-Dichloropropane
 Concen: 18.74 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

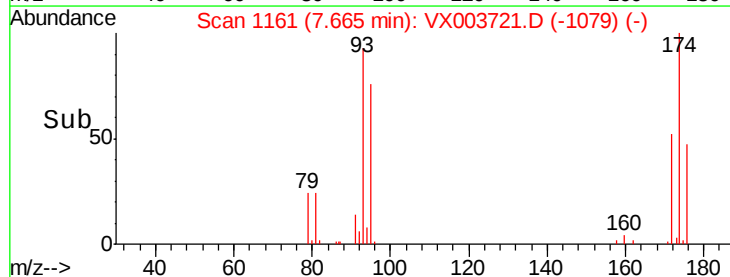
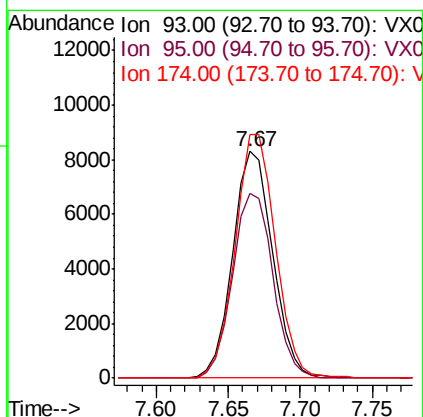
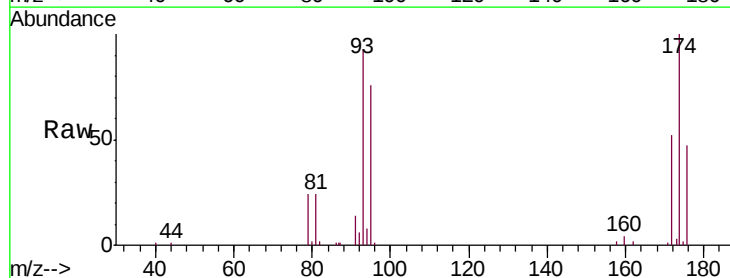
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

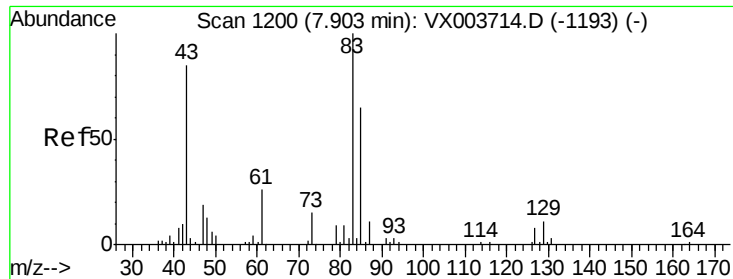
Tot Ion: 63 Resp: 27365
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9



#40
 Dibromomethane
 Concen: 17.05 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 93 Resp: 16104
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.6
 174 108.3 0.0 229.4





#41

Bromodichloromethane

Concen: 16.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

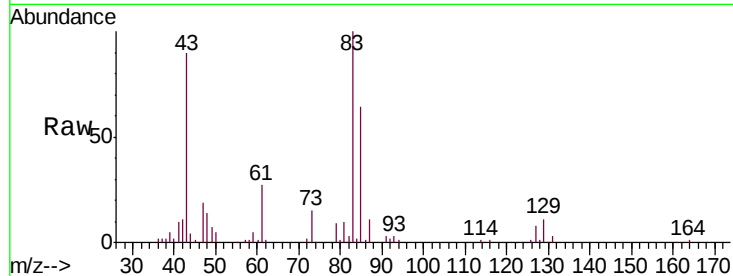
Tot Ion: 83 Resp: 29666

Ion Ratio Lower Upper

83 100

85 64.0 49.8 74.8

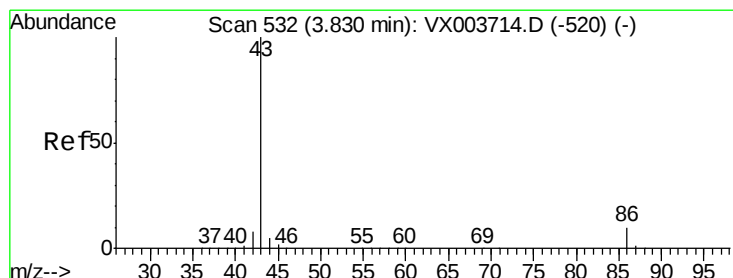
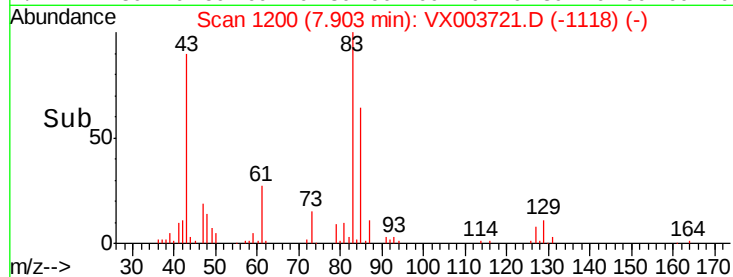
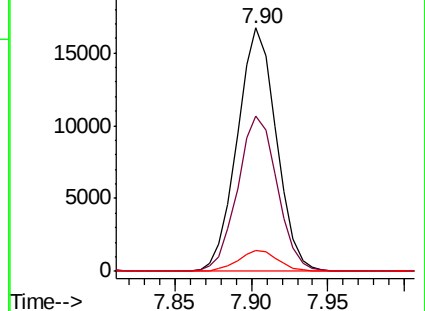
127 8.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 91.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003721.D

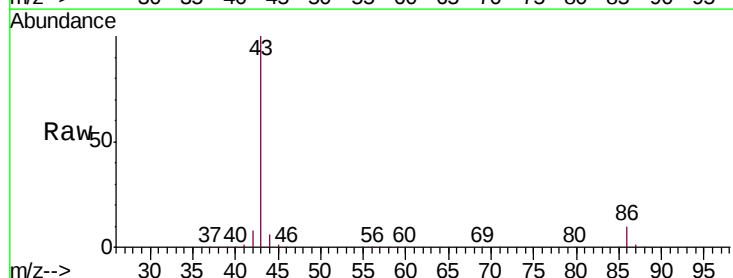
Acq: 27 Jul 2018 19:39

Tgt Ion: 43 Resp: 405354

Ion Ratio Lower Upper

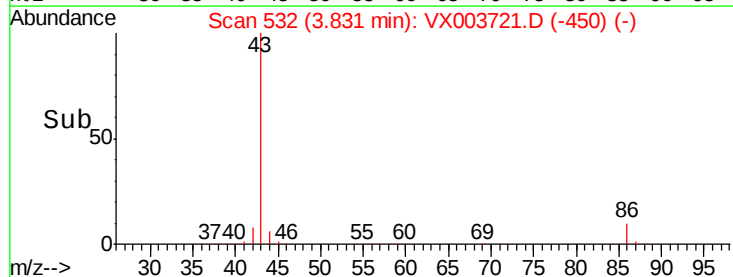
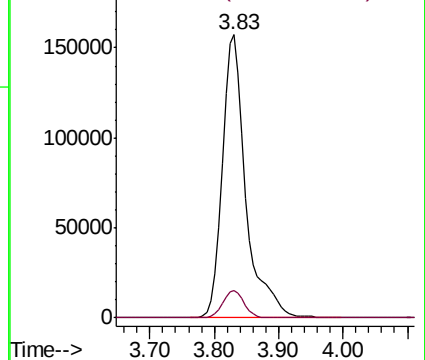
43 100

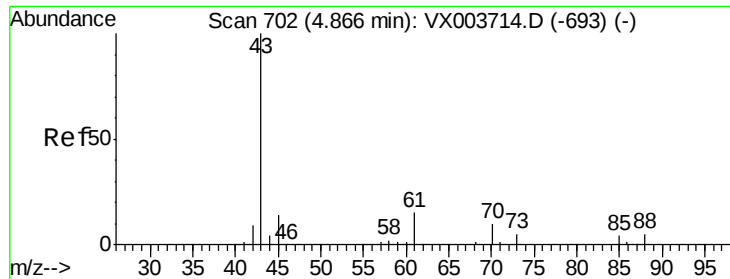
86 8.8 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.40 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

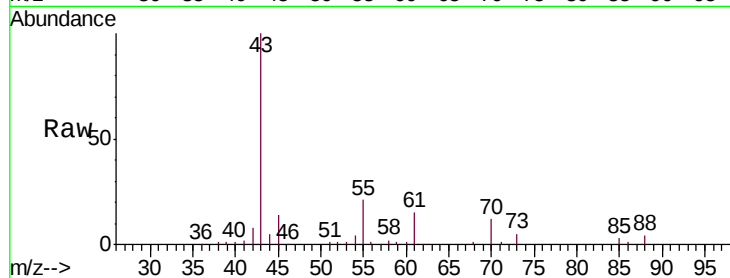
VX0727WBS01

Tot Ion: 43 Resp: 43762

Ion Ratio Lower Upper

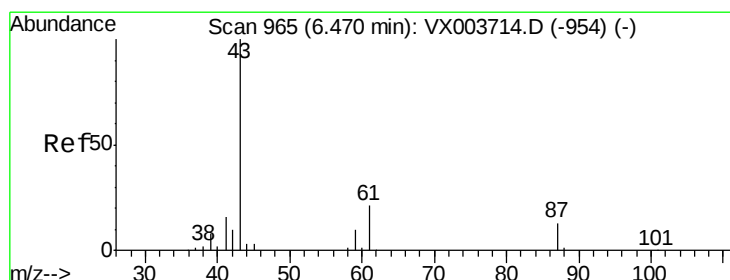
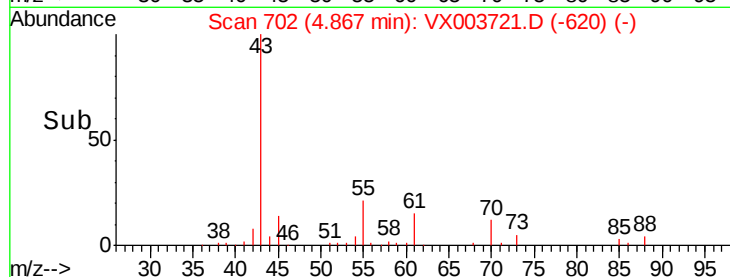
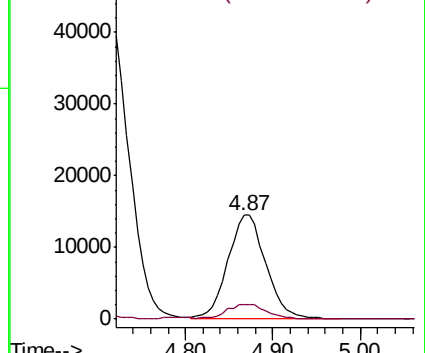
43 100

45 15.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.72 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003721.D

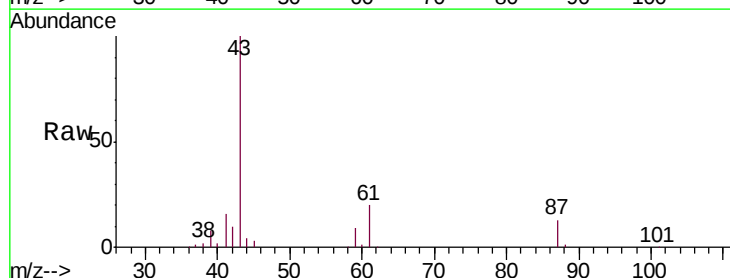
Acq: 27 Jul 2018 19:39

Tgt Ion: 43 Resp: 64879

Ion Ratio Lower Upper

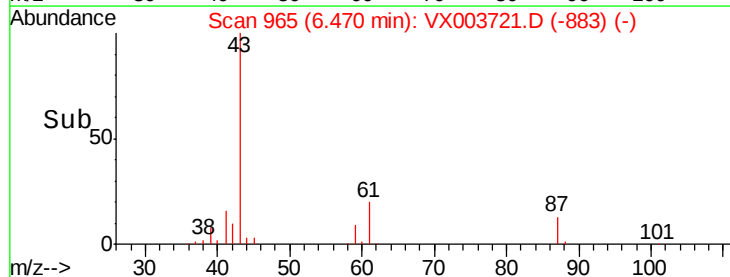
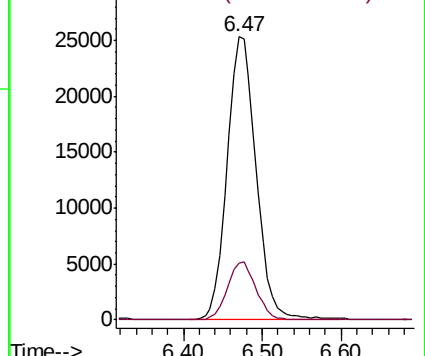
43 100

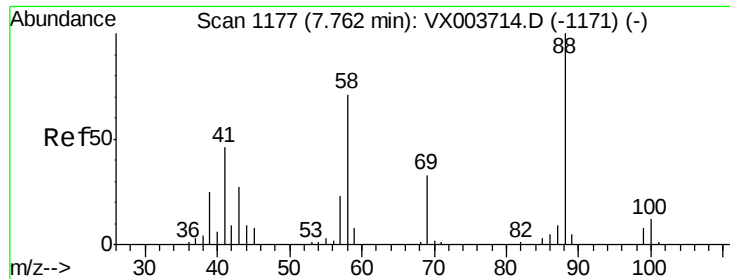
61 20.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

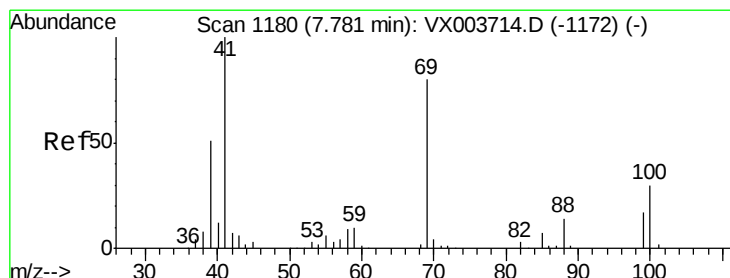
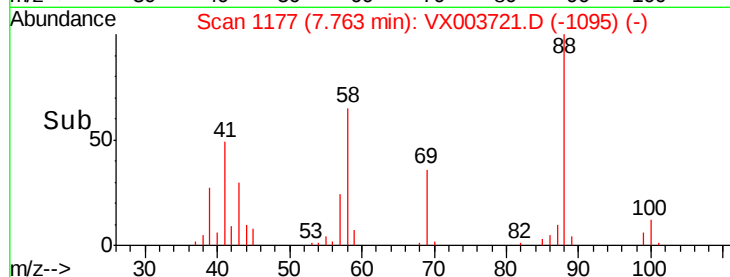
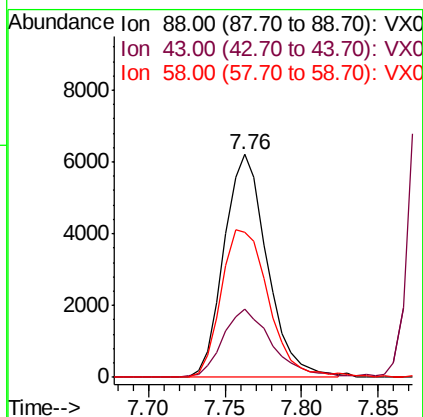
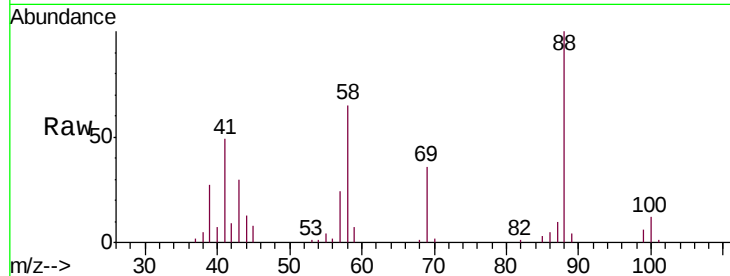




#45
 1,4-Dioxane
 Concen: 332.86 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

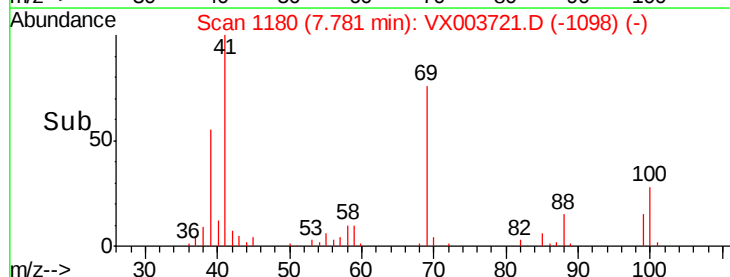
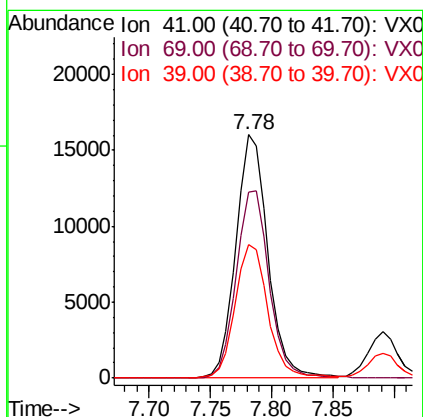
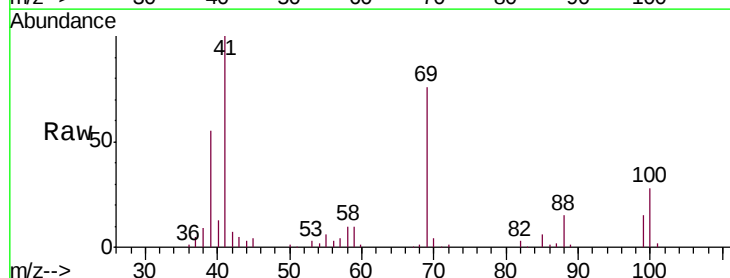
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

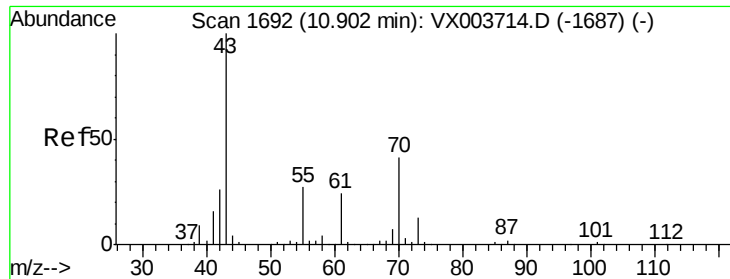
Tot Ion: 88 Resp: 12161
 Ion Ratio Lower Upper
 88 100
 43 35.1 43.2 64.8#
 58 73.1 60.2 90.2



#46
 Methyl methacrylate
 Concen: 17.22 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 41 Resp: 29218
 Ion Ratio Lower Upper
 41 100
 69 76.4 37.0 110.9
 39 54.8 29.6 88.9

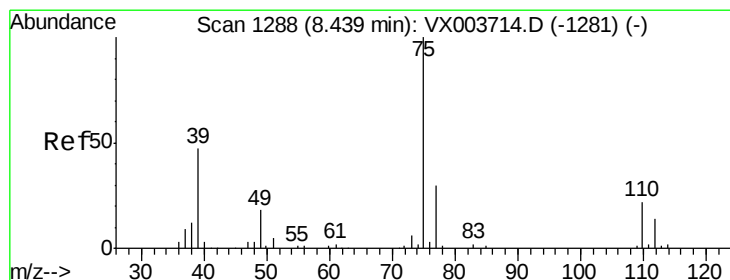
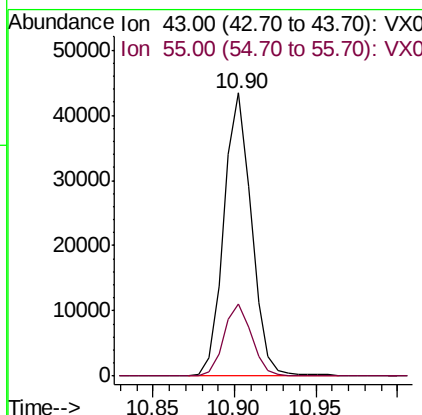
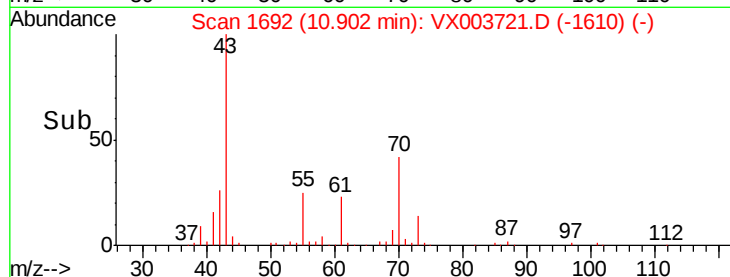
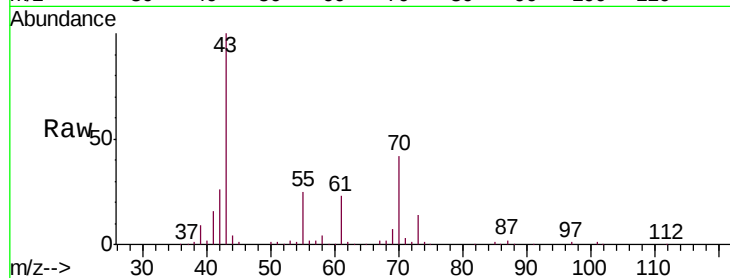




#47
n-amvl Acetate
Concen: 16.44 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

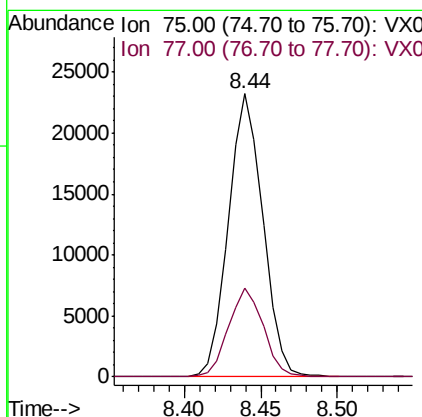
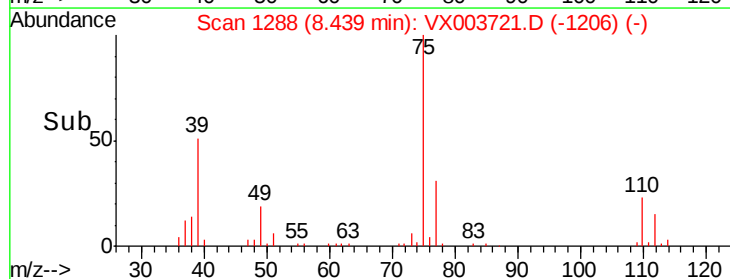
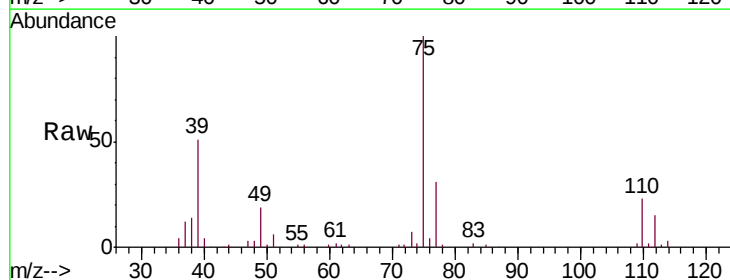
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

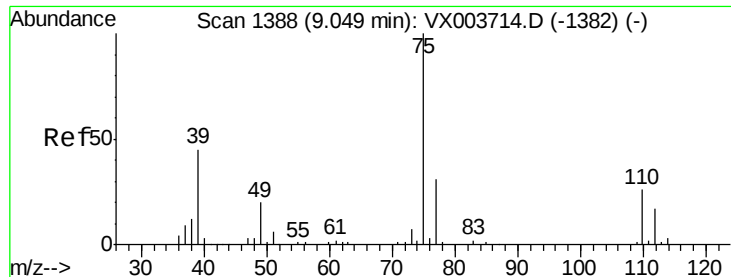
Tot Ion: 43 Resp: 51070
Ion Ratio Lower Upper
43 100
55 25.7 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 16.59 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 75 Resp: 36344
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4



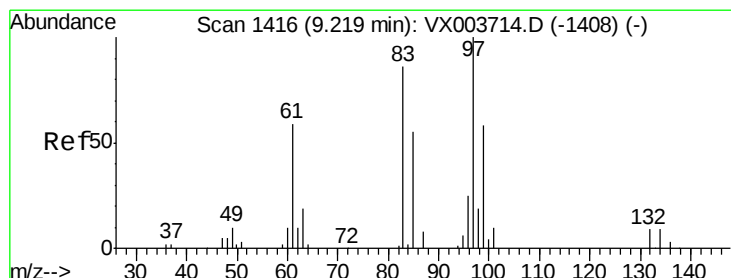
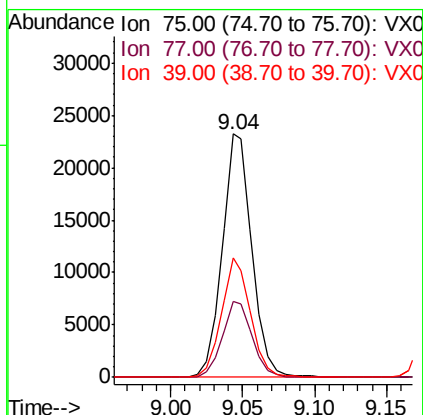
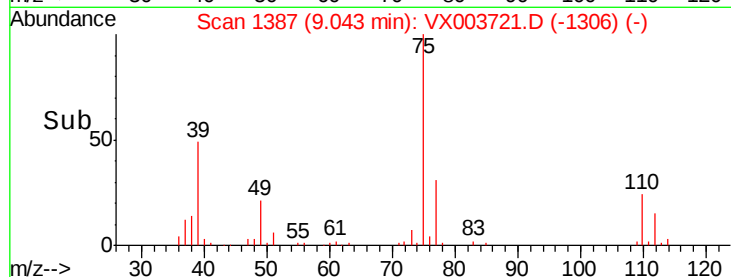
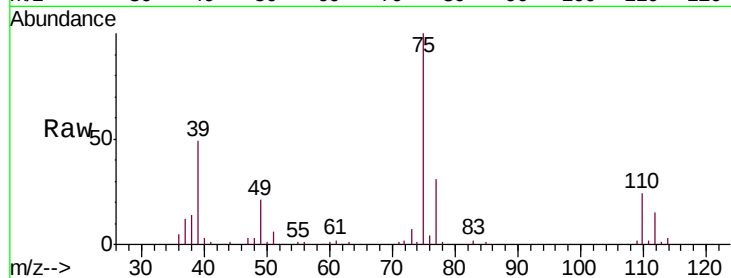


#49

cis-1,3-Dichloropropene
Concen: 16.25 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

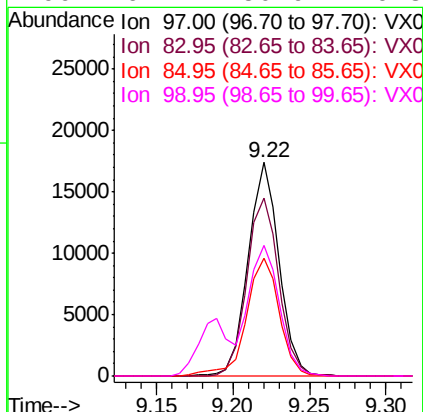
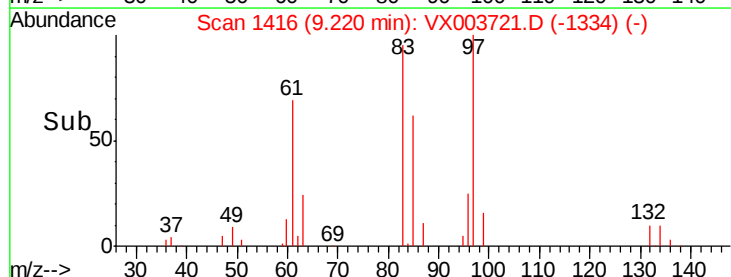
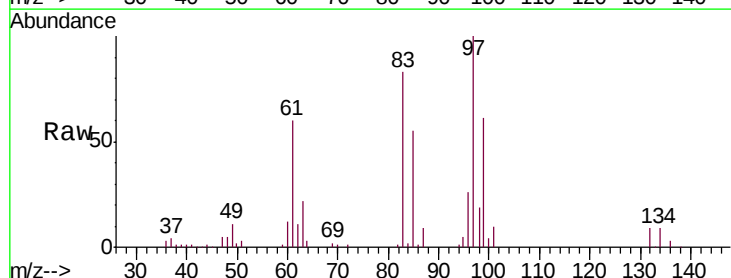
Tot Ion: 75 Resp: 33401
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2
39 49.1 42.3 63.5

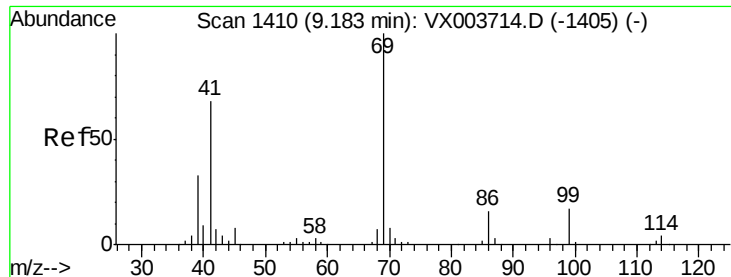


#50

1,1,2-Trichloroethane
Concen: 16.29 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 97 Resp: 24429
Ion Ratio Lower Upper
97 100
83 83.5 70.8 106.2
85 54.9 43.5 65.3
99 61.2 50.9 76.3





#51

Ethyl methacrylate

Concen: 15.71 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

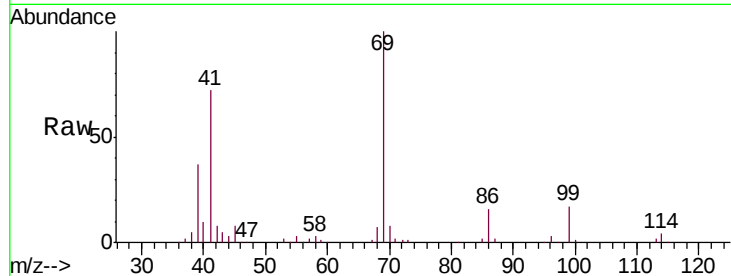
Tot Ion: 69 Resp: 35478

Ion Ratio Lower Upper

69 100

41 71.7 39.1 117.3

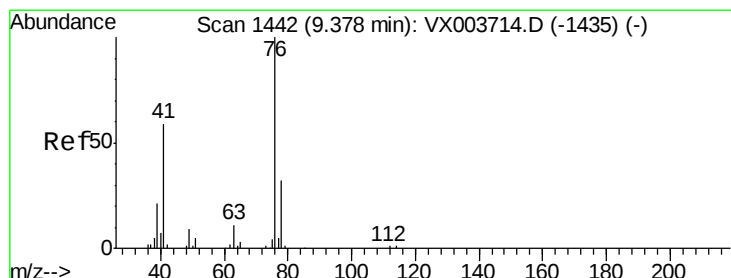
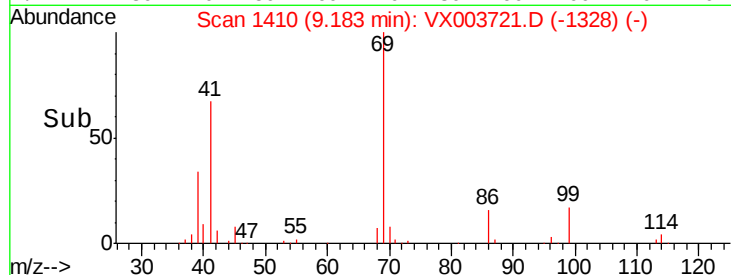
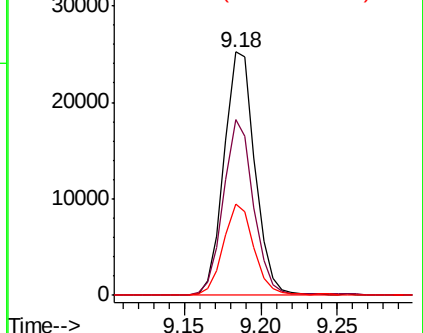
39 37.2 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 16.49 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003721.D

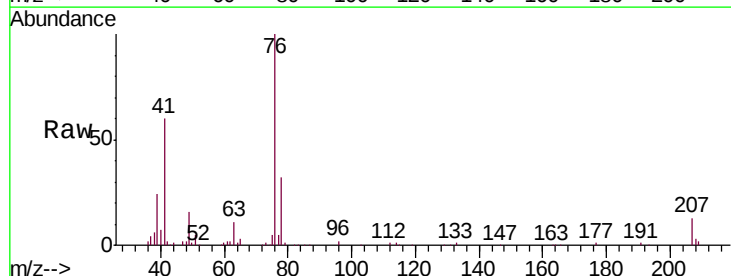
Acq: 27 Jul 2018 19:39

Tgt Ion: 76 Resp: 41157

Ion Ratio Lower Upper

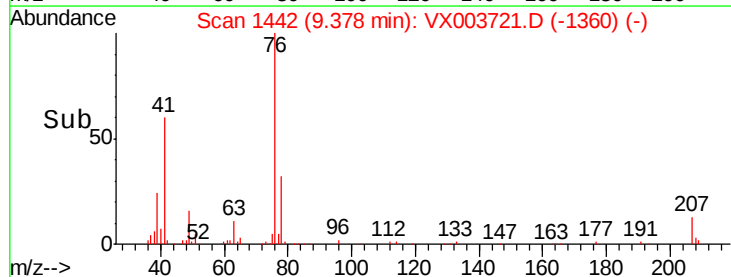
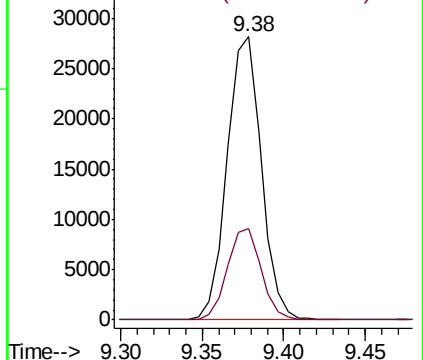
76 100

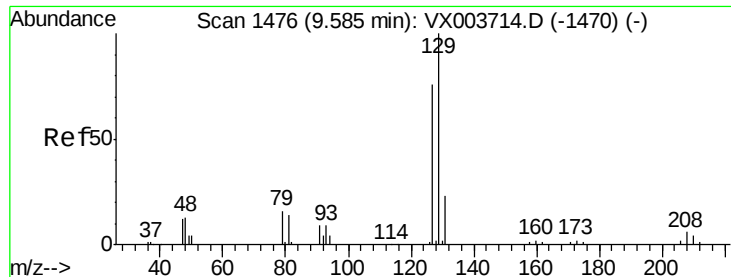
78 31.9 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 16.74 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

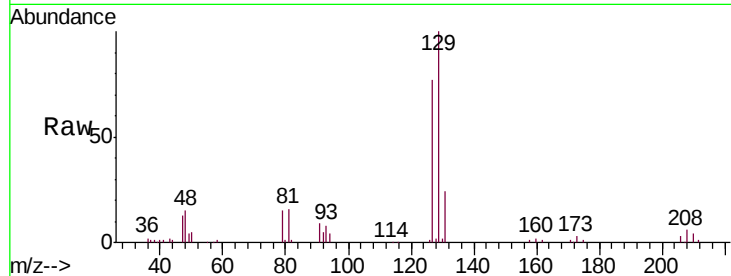
VX0727WBS01

Tot Ion:129 Resp: 24665

Ion Ratio Lower Upper

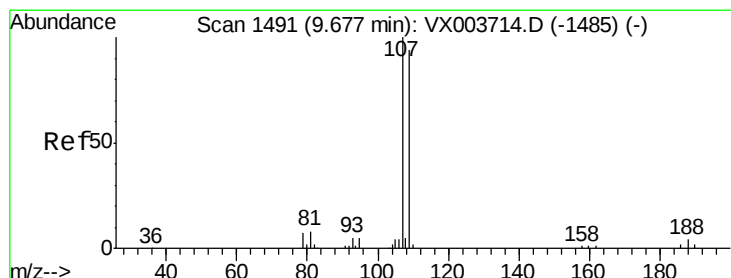
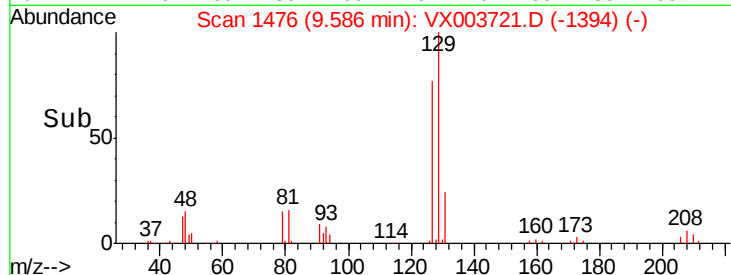
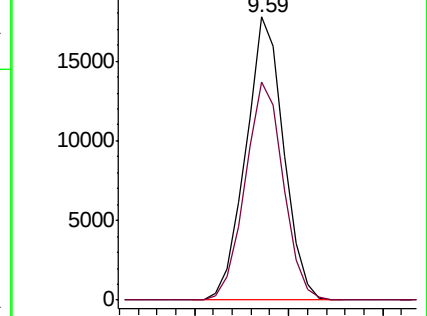
129 100

127 77.4 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 16.78 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003721.D

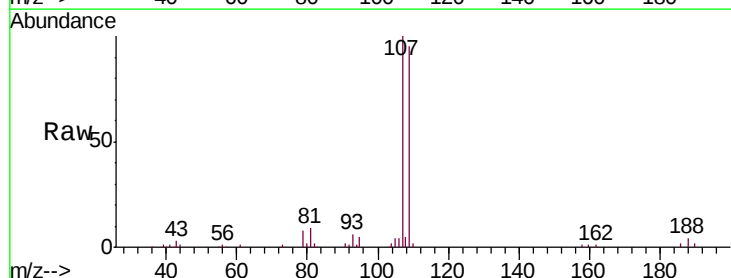
Acq: 27 Jul 2018 19:39

Tgt Ion:107 Resp: 26320

Ion Ratio Lower Upper

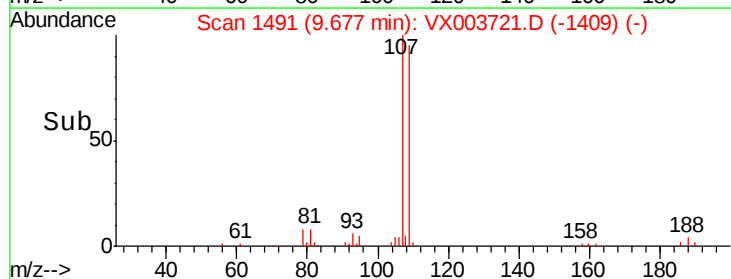
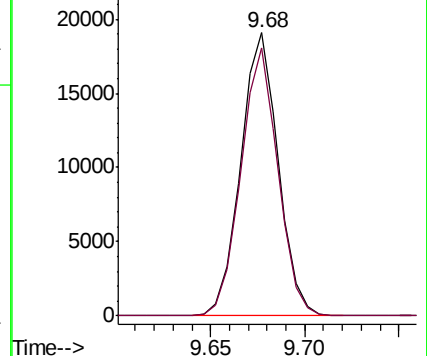
107 100

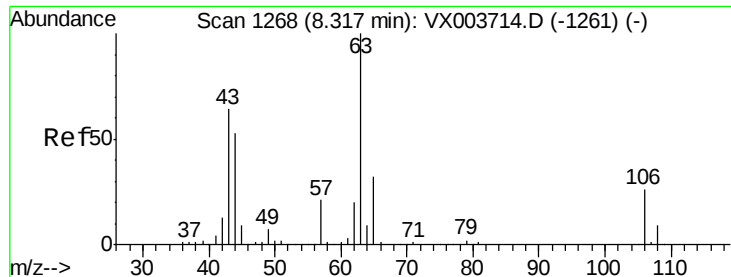
109 93.4 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

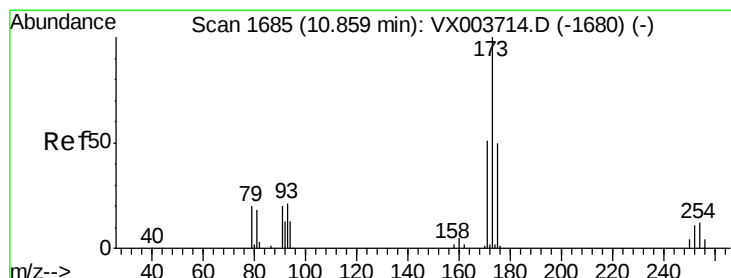
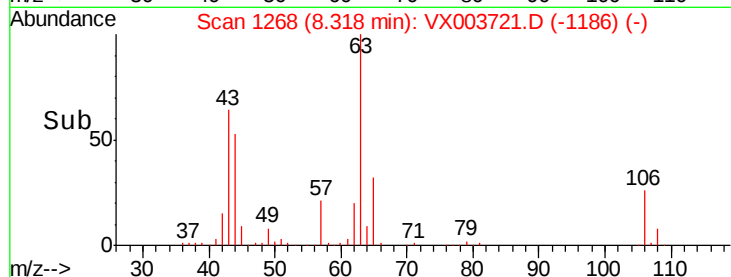
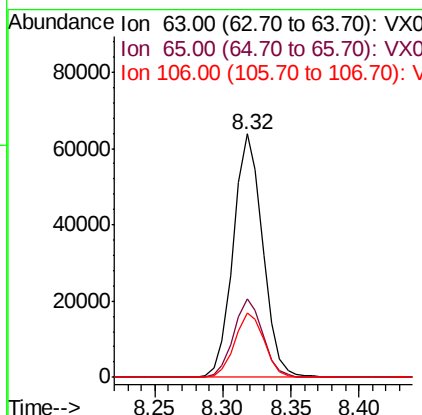
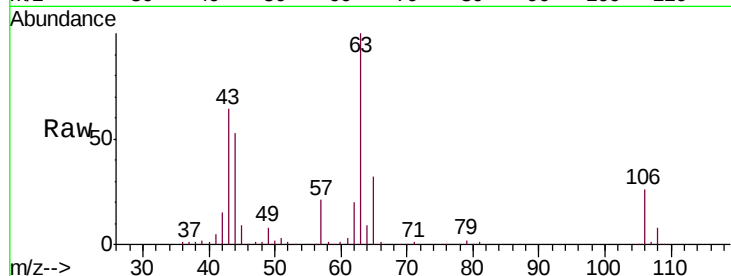




#55
2-Chloroethyl vinyl ether
Concen: 82.63 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

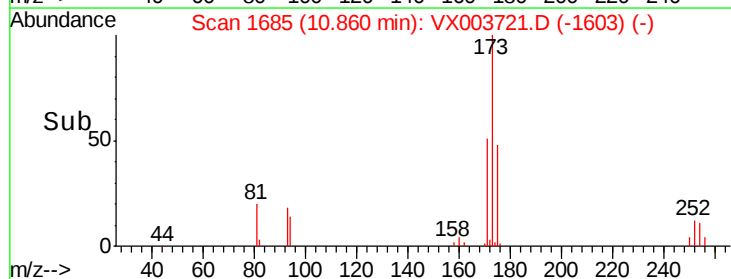
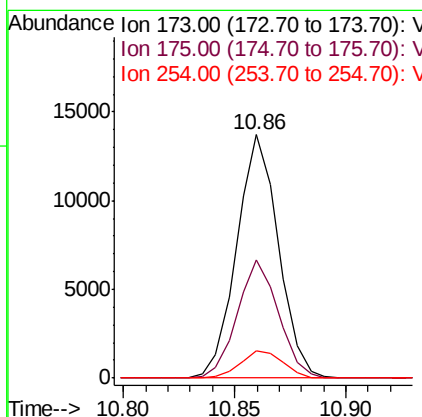
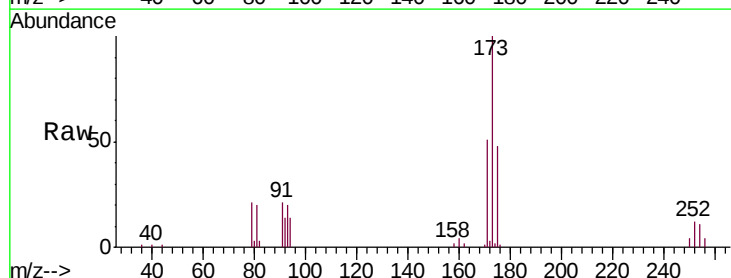
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

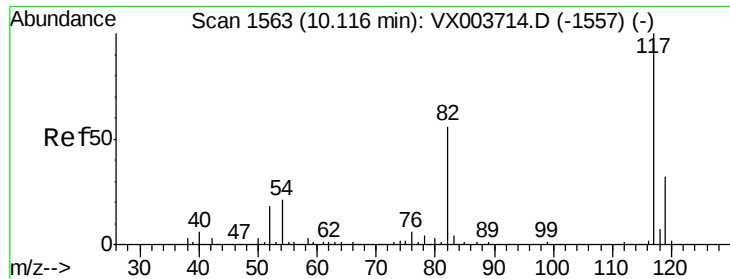
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.6	38.4
106	26.5	21.6	32.4



#56
Bromoform
Concen: 15.68 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.0	58.4
254	11.5	9.6	14.4

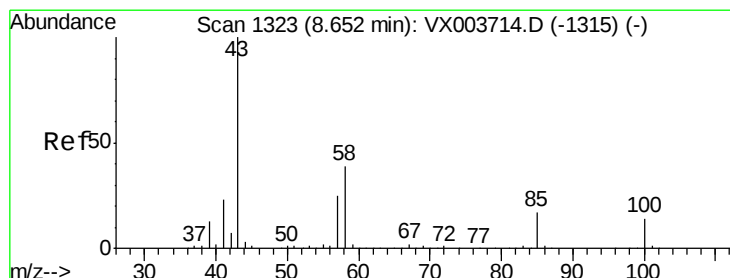
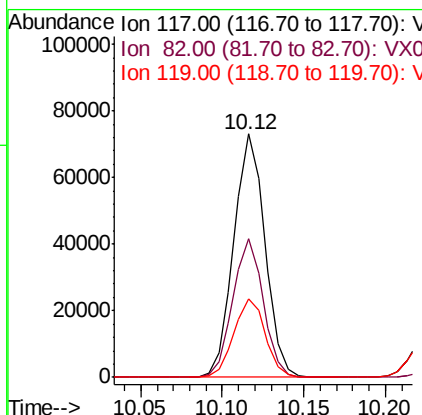
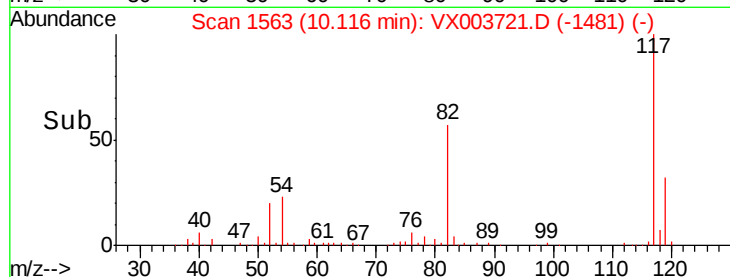
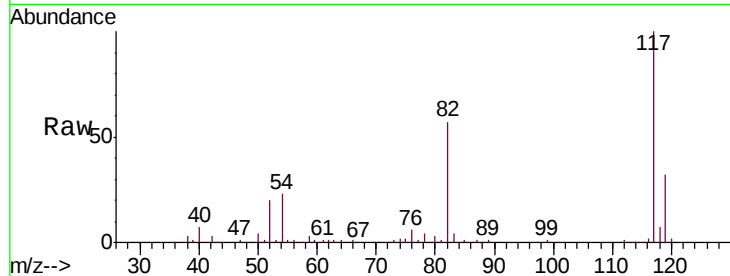




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

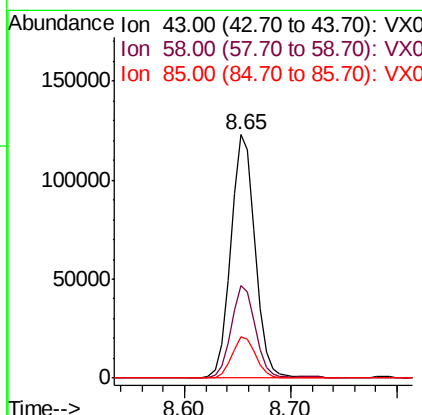
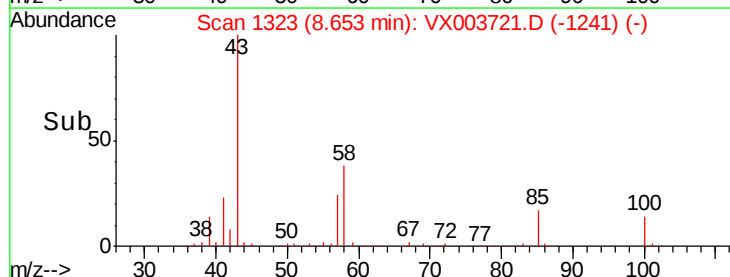
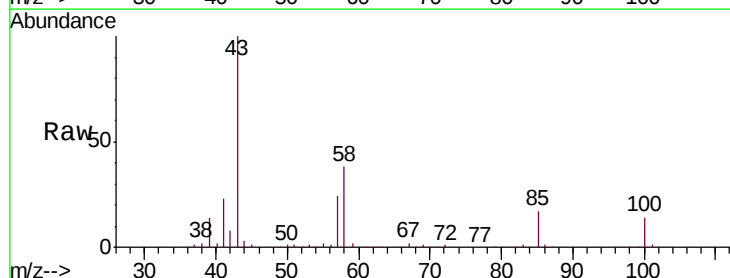
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

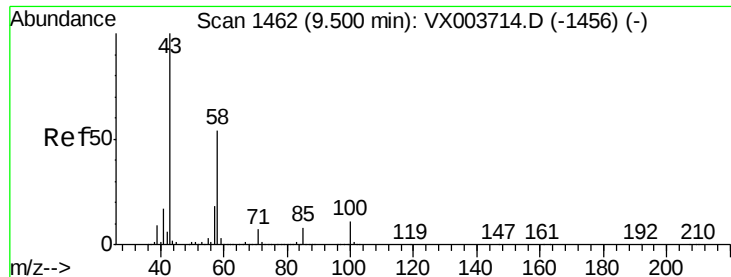
Tot Ion:117 Resp: 97425
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 107.36 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 43 Resp: 197489
Ion Ratio Lower Upper
43 100
58 37.6 28.2 42.4
85 16.6 12.4 18.6

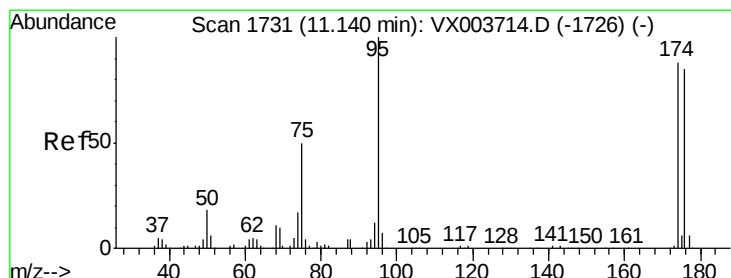
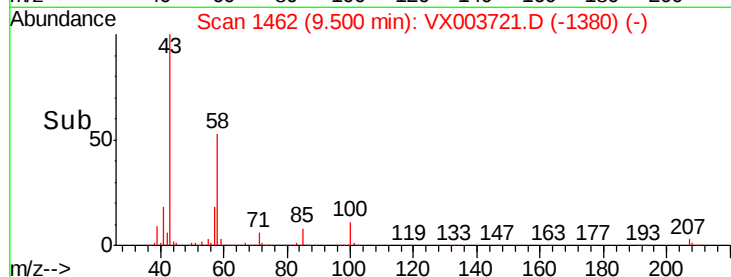
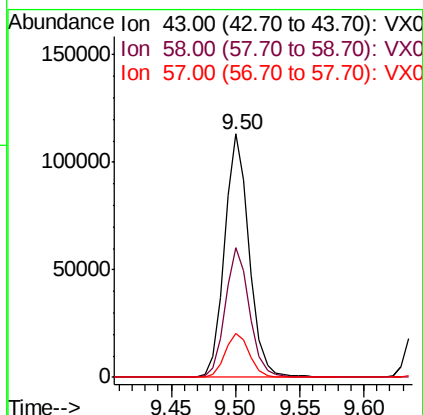
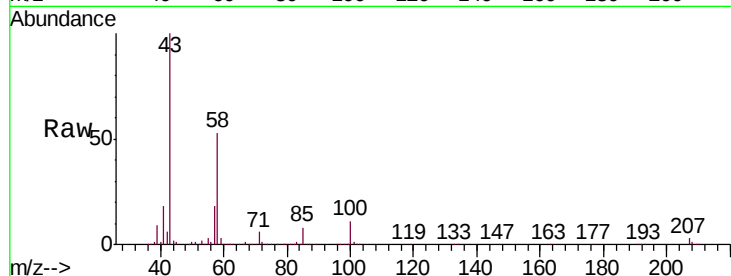




#59
2-Hexanone
Concen: 103.70 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

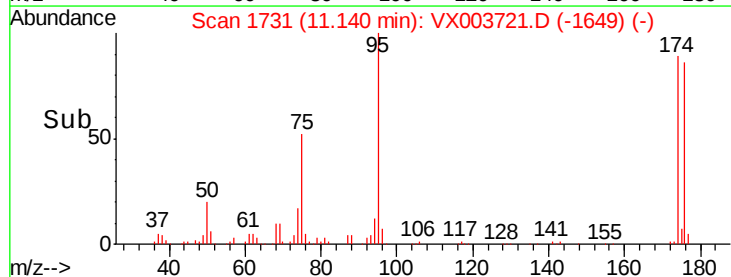
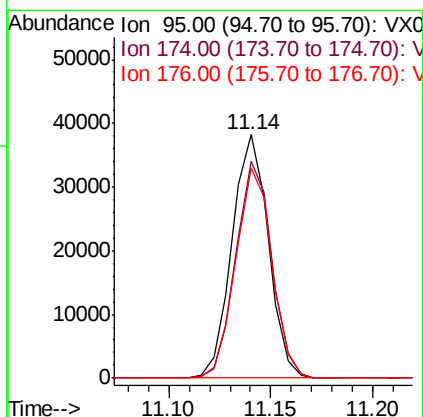
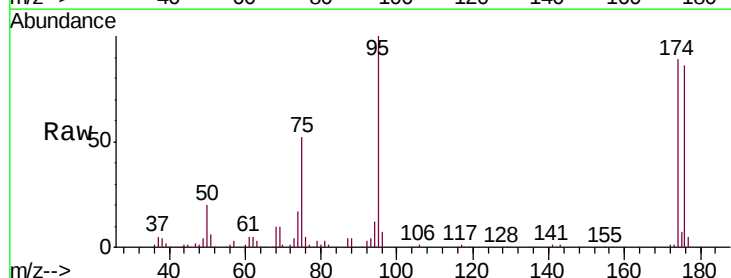
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

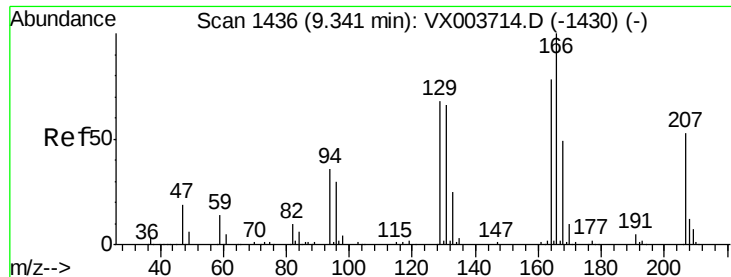
Tot Ion: 43 Resp: 151891
Ion Ratio Lower Upper
43 100
58 52.5 39.6 59.4
57 18.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 95 Resp: 47039
Ion Ratio Lower Upper
95 100
174 88.7 71.8 107.6
176 86.1 70.1 105.1

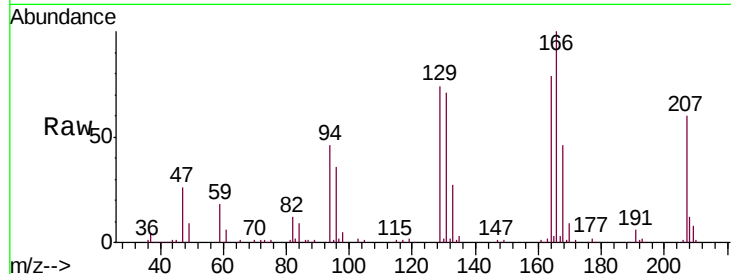




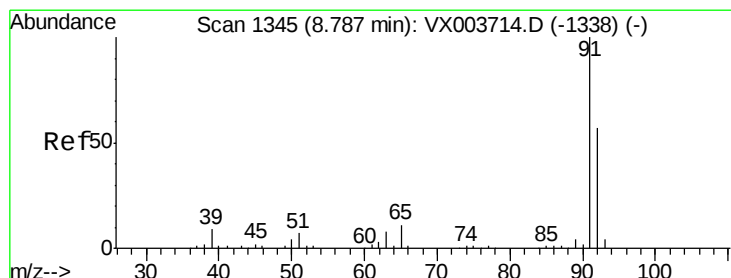
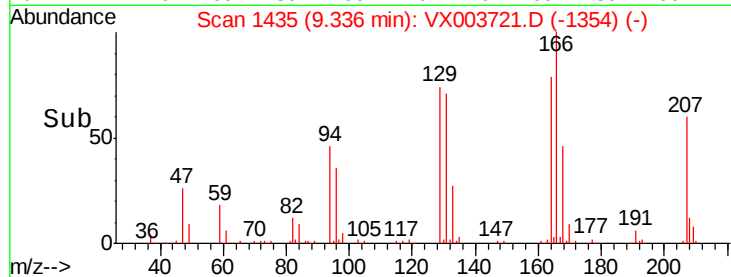
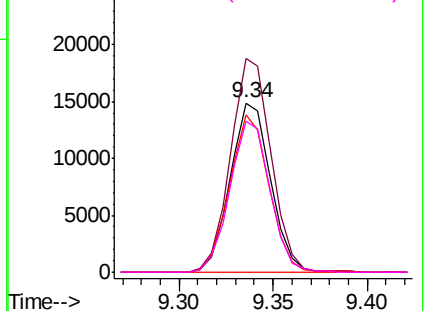
#61
Tetrachloroethene
Concen: 19.50 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion:164 Resp: 22104
Ion Ratio Lower Upper
164 100
166 126.1 102.4 153.6
129 93.2 70.1 105.1
131 89.5 69.1 103.7

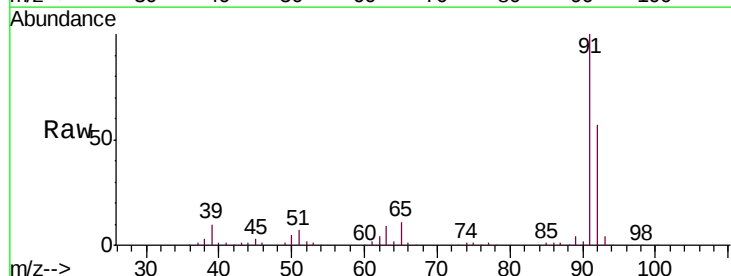


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

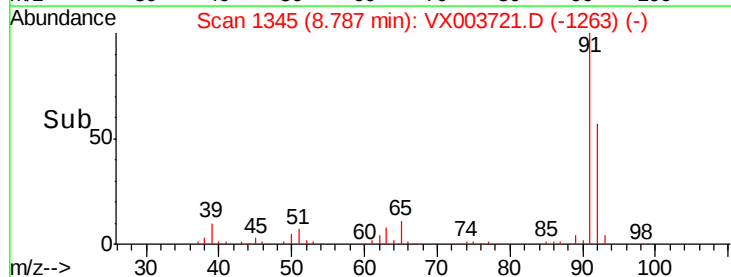
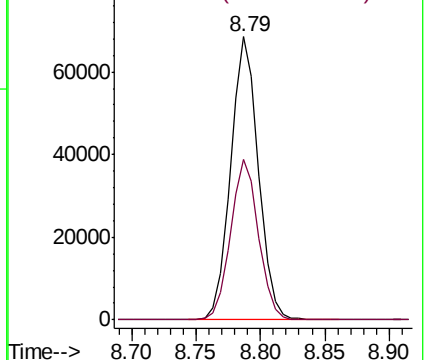


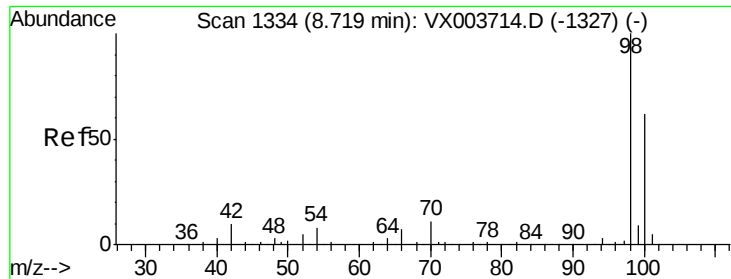
#62
Toluene
Concen: 20.32 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 91 Resp: 102735
Ion Ratio Lower Upper
91 100
92 57.1 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

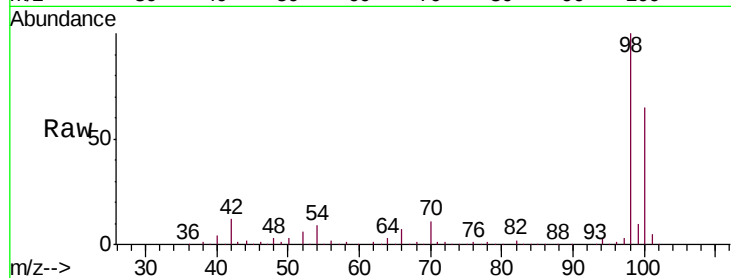
VX0727WBS01

Tot Ion: 98 Resp: 134900

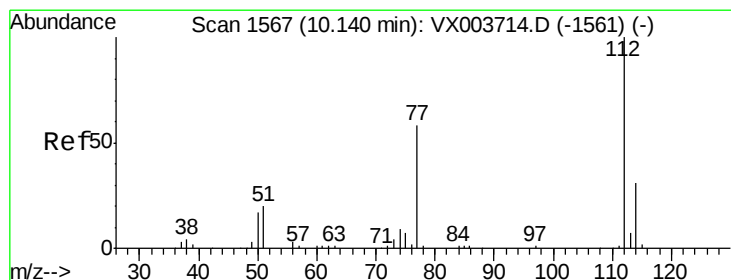
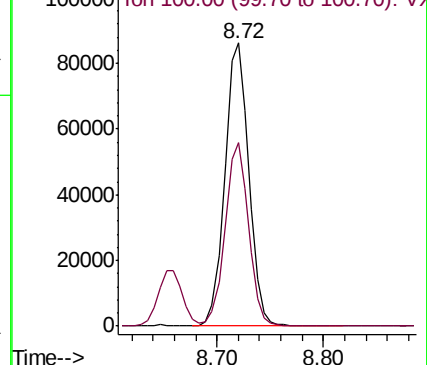
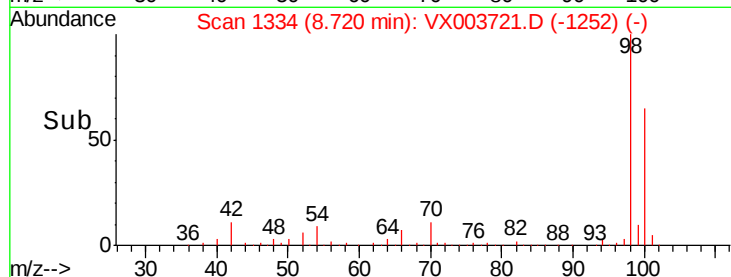
Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX003721.D (-1252) (-)



#64

Chlorobenzene

Concen: 20.10 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003721.D

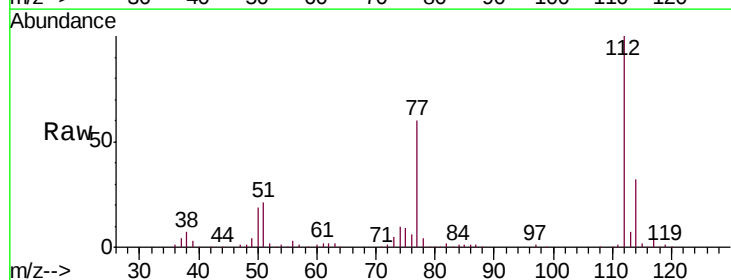
Acq: 27 Jul 2018 19:39

Tgt Ion: 112 Resp: 65698

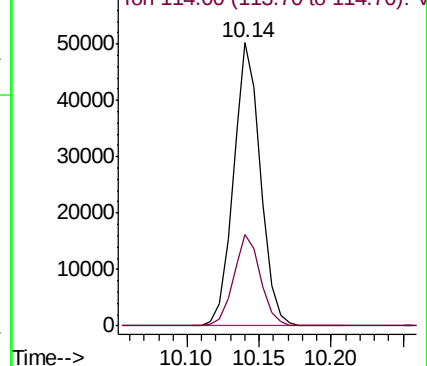
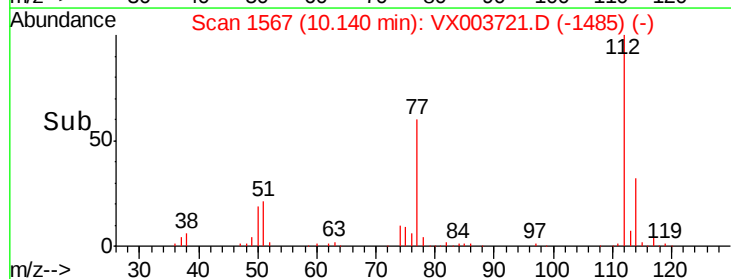
Ion Ratio Lower Upper

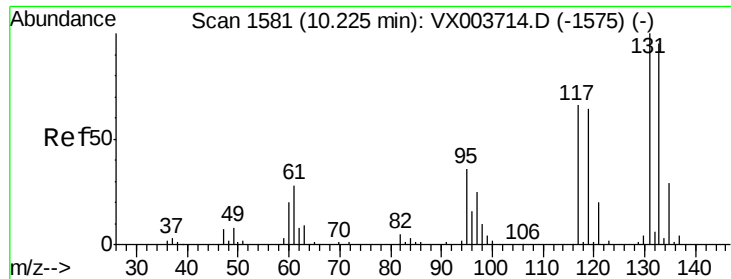
112 100

114 32.3 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX003721.D (-1485) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.88 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

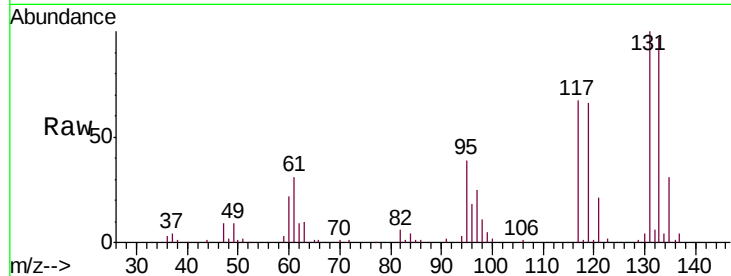
Tot Ion:131 Resp: 22988

Ion Ratio Lower Upper

131 100

133 95.7 0.0 191.2

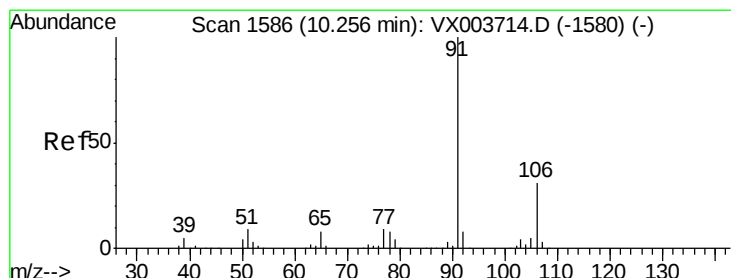
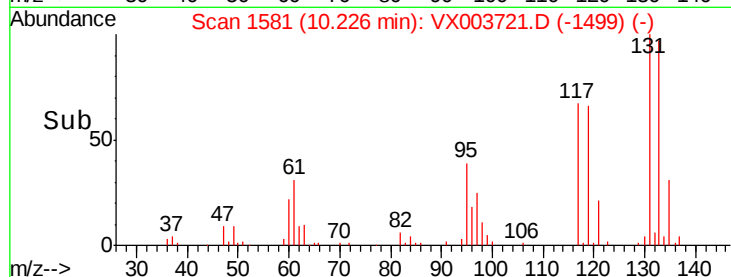
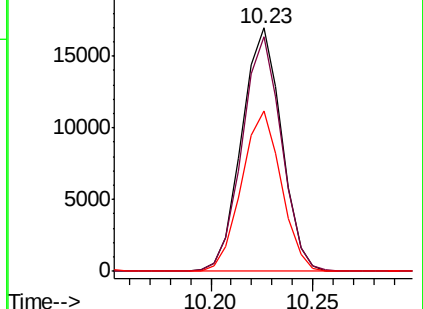
119 66.0 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.83 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003721.D

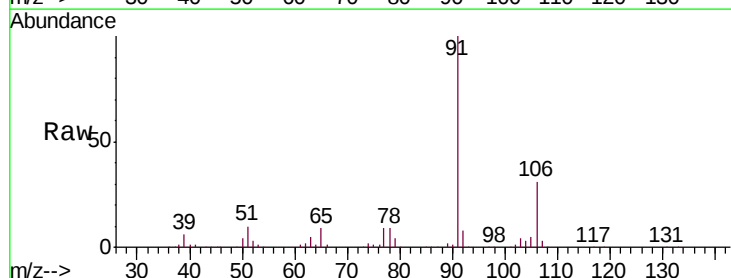
Acq: 27 Jul 2018 19:39

Tgt Ion: 91 Resp: 110335

Ion Ratio Lower Upper

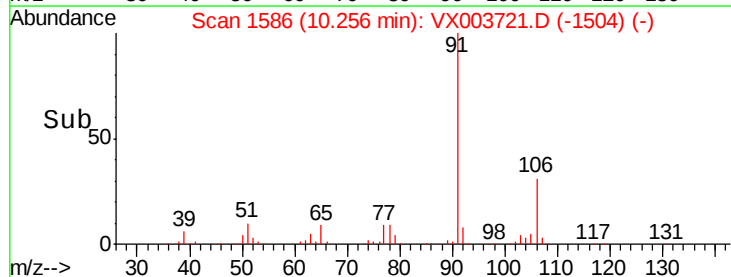
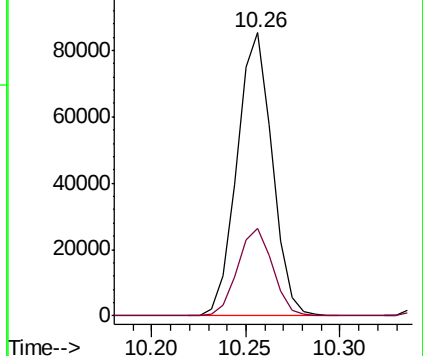
91 100

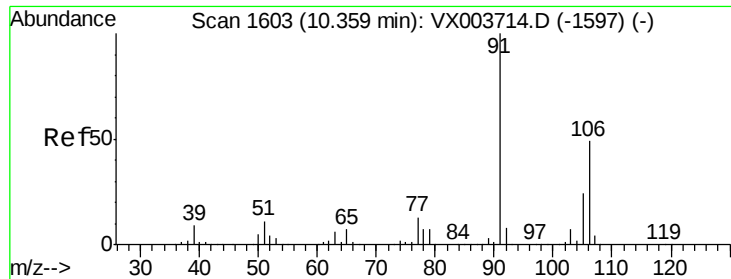
106 30.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

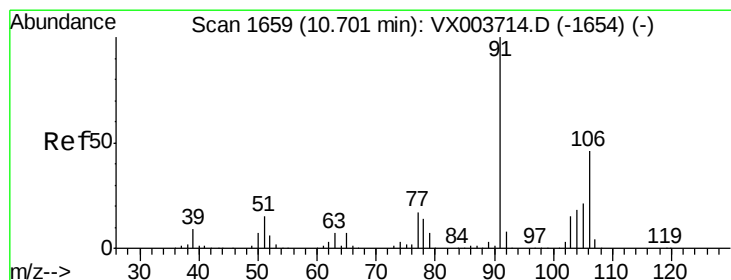
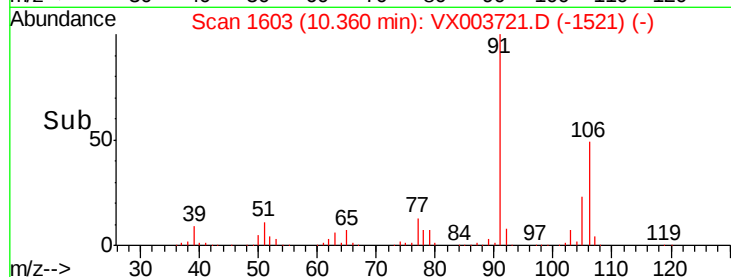
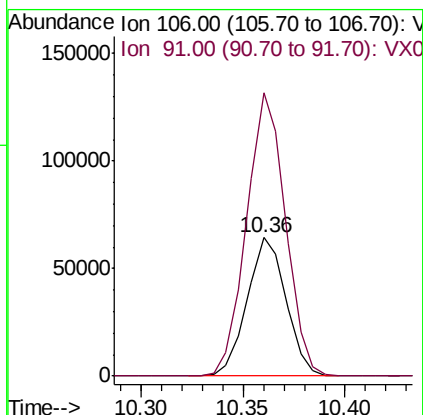
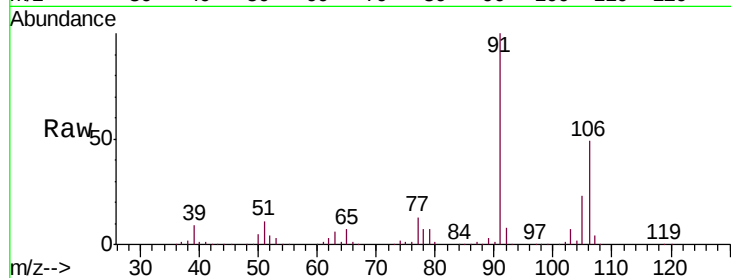




#67
m/p-Xylenes
Concen: 40.03 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

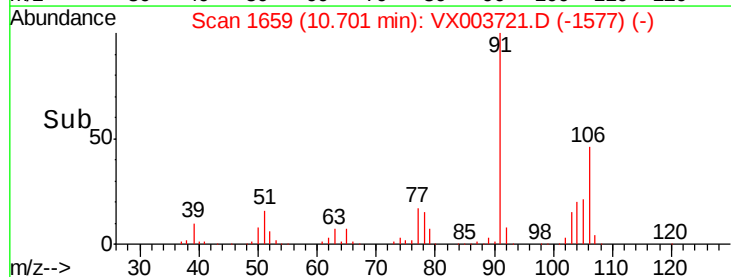
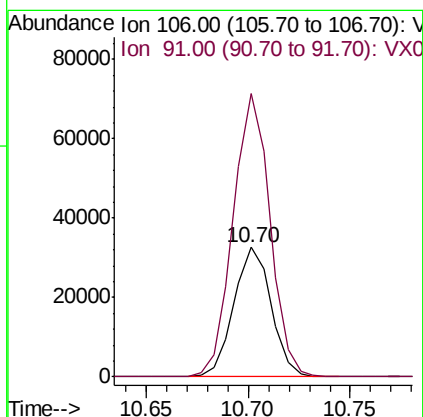
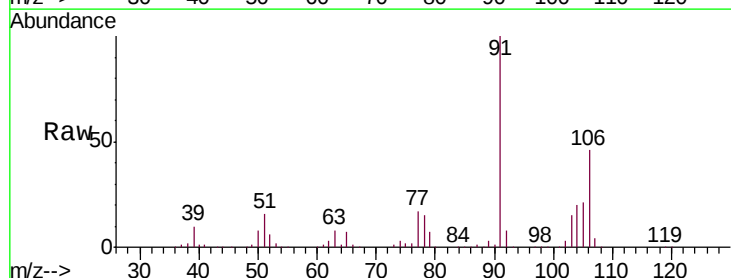
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

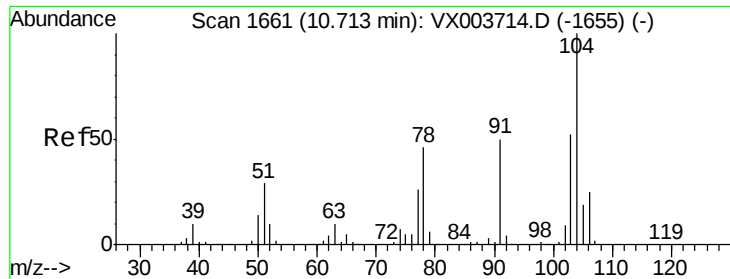
Tot Ion:106 Resp: 85804
Ion Ratio Lower Upper
106 100
91 203.8 164.1 246.1



#68
o-Xylene
Concen: 20.20 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion:106 Resp: 41414
Ion Ratio Lower Upper
106 100
91 215.3 109.1 327.3

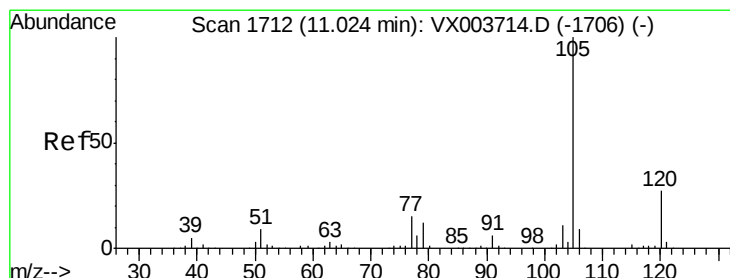
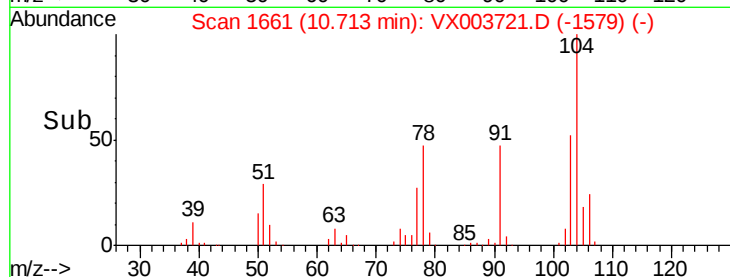
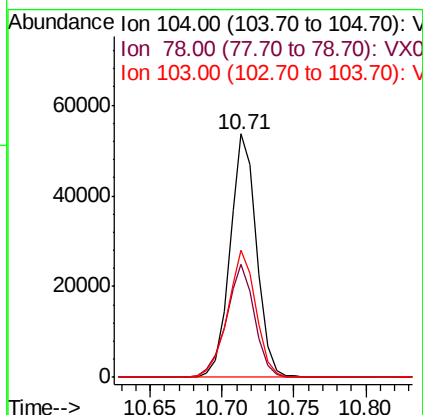
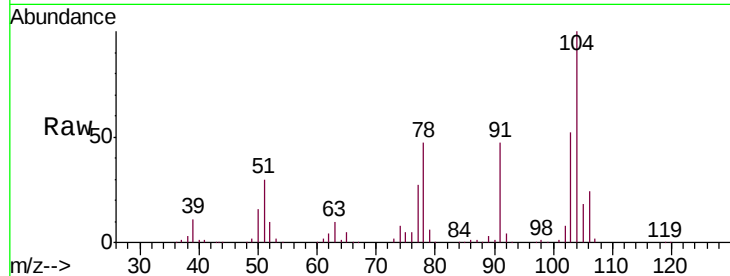




#69
Stvrene
Concen: 19.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

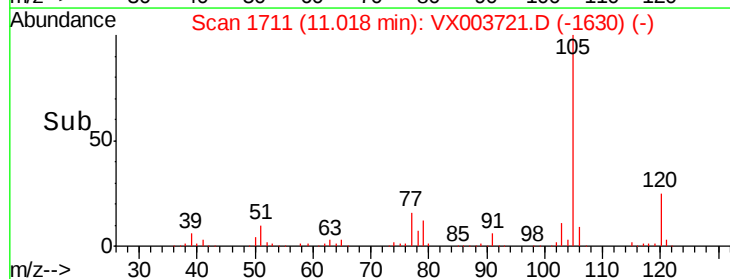
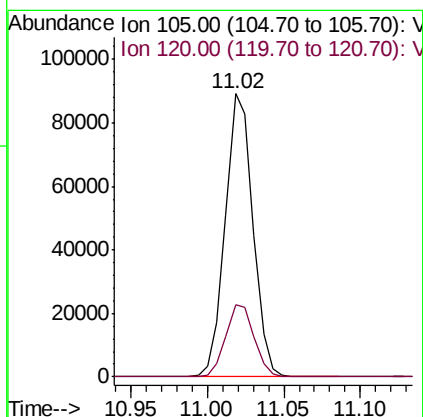
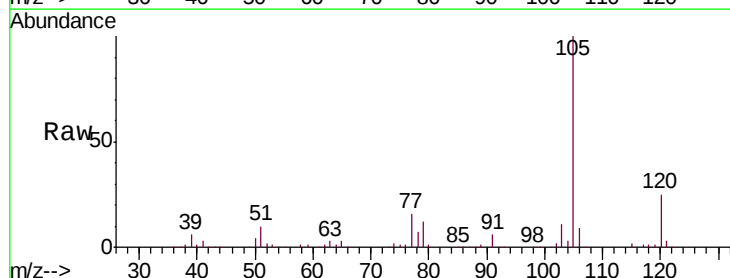
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

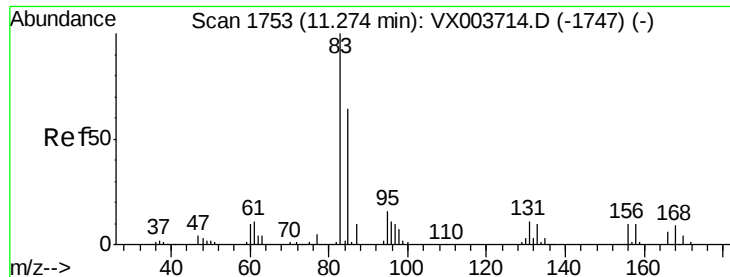
Tot Ion:104 Resp: 69227
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 55.8 44.9 67.3



#70
Isopropylbenzene
Concen: 19.80 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion:105 Resp: 111781
Ion Ratio Lower Upper
105 100
120 26.2 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.69 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

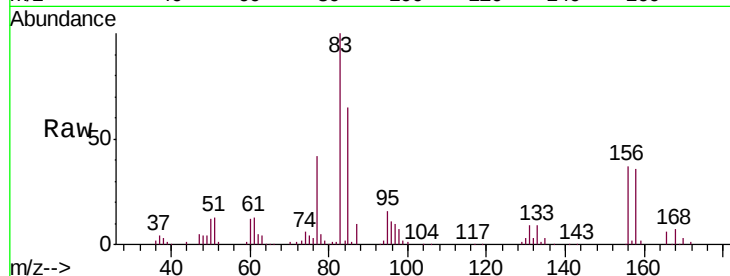
Tot Ion: 83 Resp: 39678

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

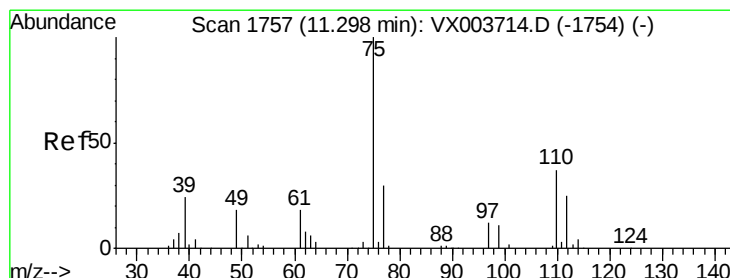
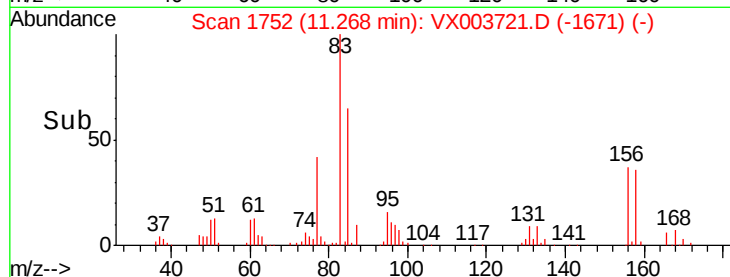
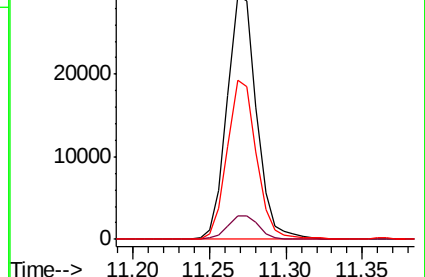
85 65.0 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.68 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003721.D

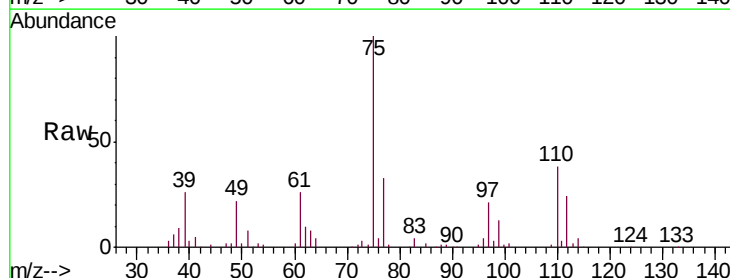
Acq: 27 Jul 2018 19:39

Tgt Ion: 75 Resp: 44733

Ion Ratio Lower Upper

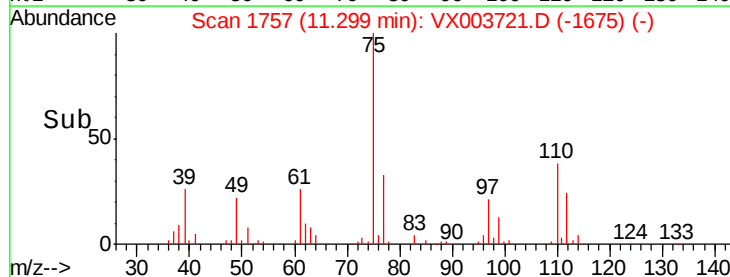
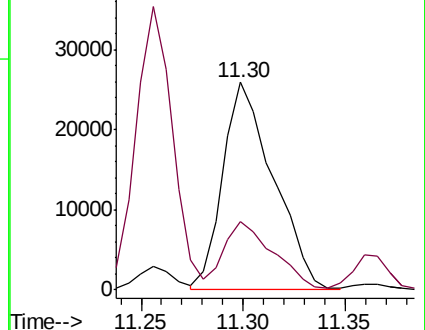
75 100

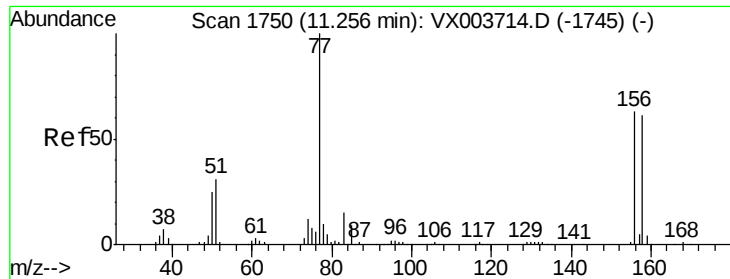
77 32.4 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.08 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

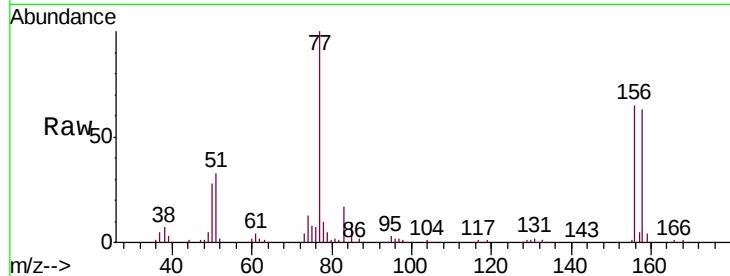
Tot Ion:156 Resp: 29025

Ion Ratio Lower Upper

156 100

77 152.4 0.0 301.0

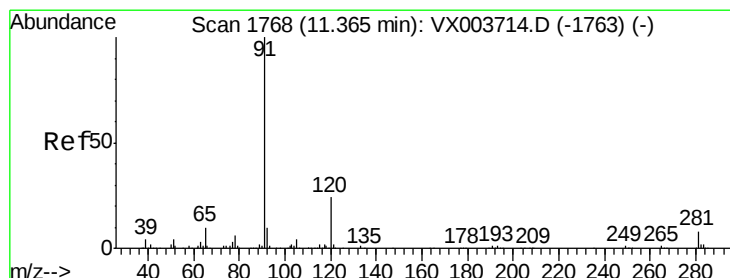
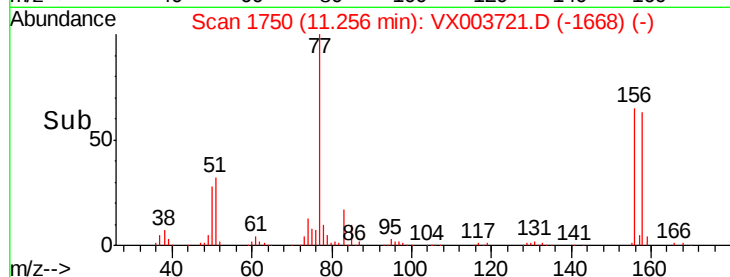
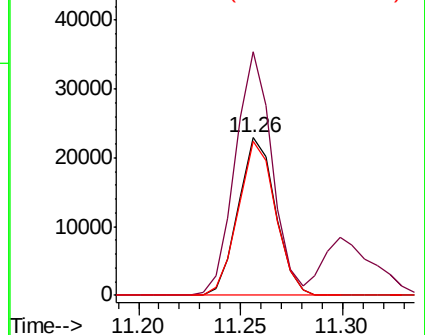
158 98.0 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.83 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003721.D

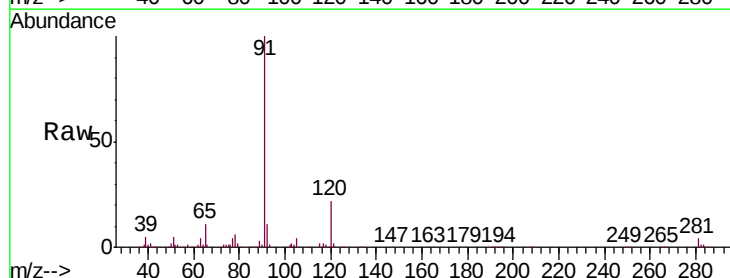
Acq: 27 Jul 2018 19:39

Tgt Ion: 91 Resp: 131852

Ion Ratio Lower Upper

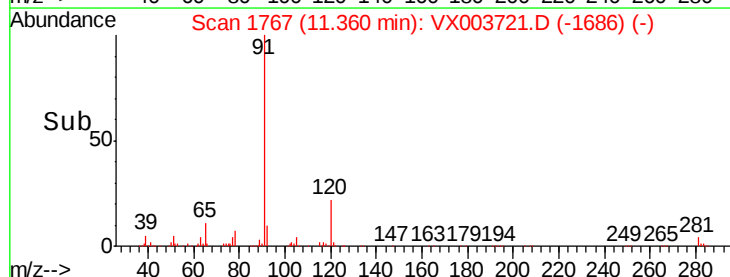
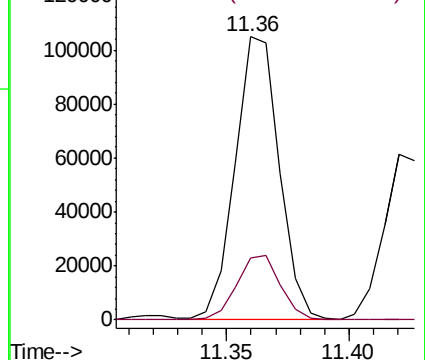
91 100

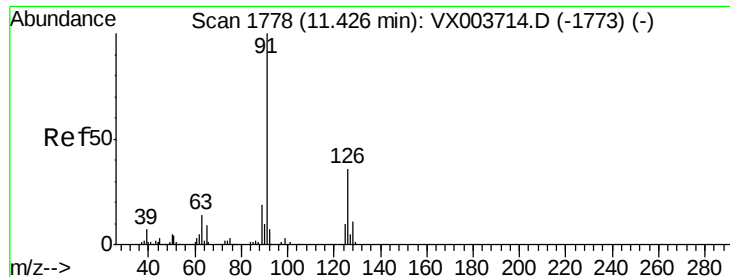
120 22.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.02 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

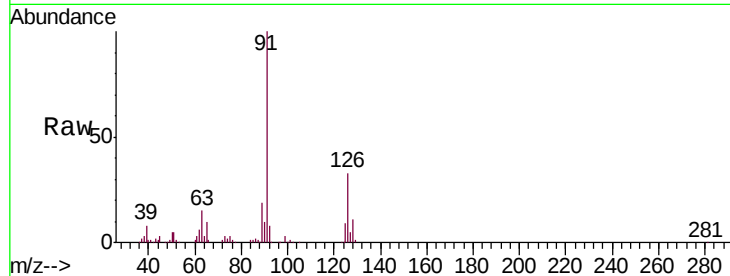
VX0727WBS01

Tot Ion: 91 Resp: 78461

Ion Ratio Lower Upper

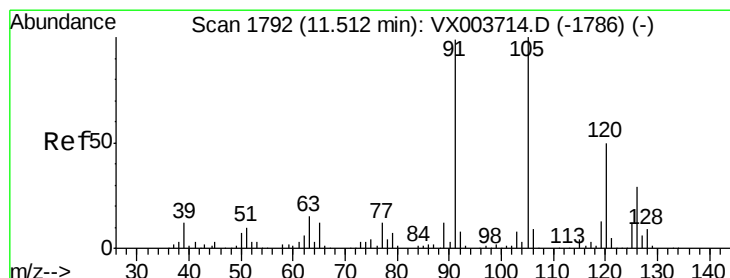
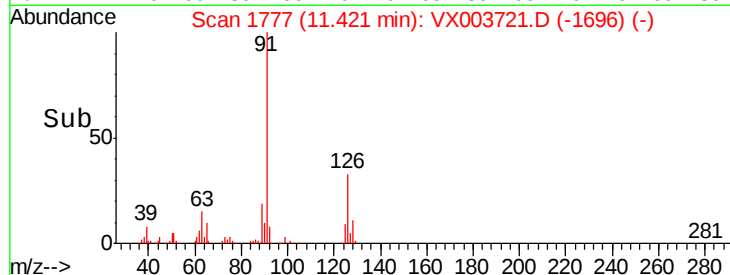
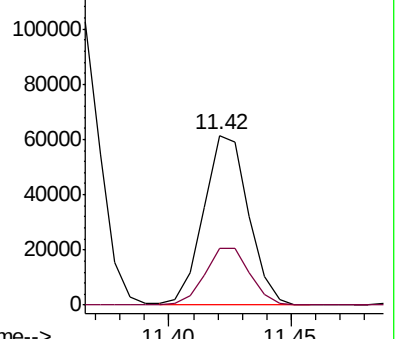
91 100

126 34.1 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.66 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003721.D

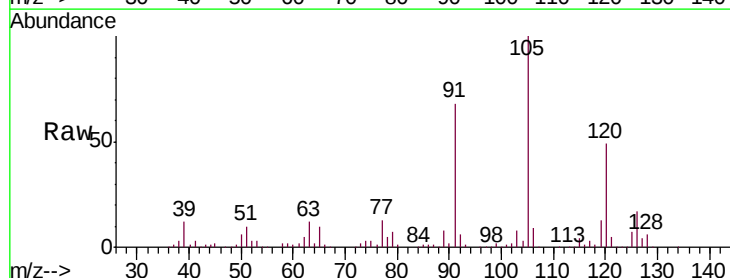
Acq: 27 Jul 2018 19:39

Tgt Ion:105 Resp: 94154

Ion Ratio Lower Upper

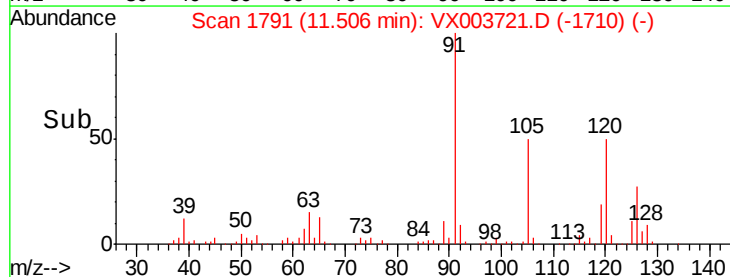
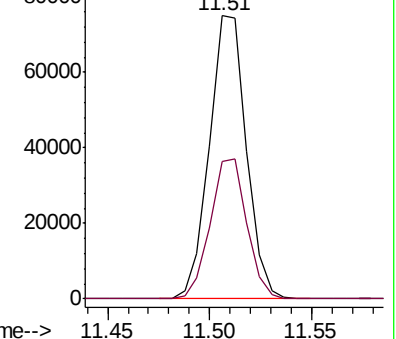
105 100

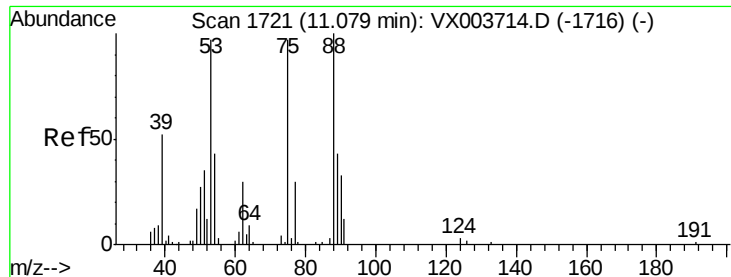
120 49.1 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampled :

VX0727WBS01

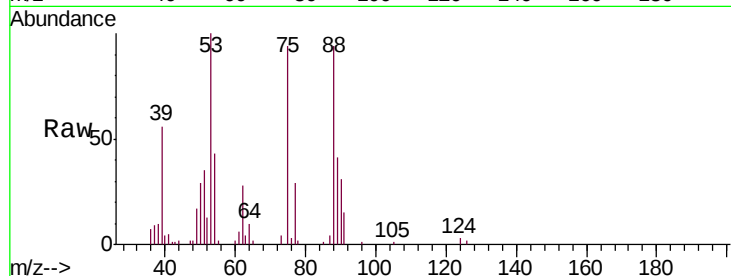
Tot Ion: 75 Resp: 10381

Ion Ratio Lower Upper

75 100

53 106.3 48.3 144.9

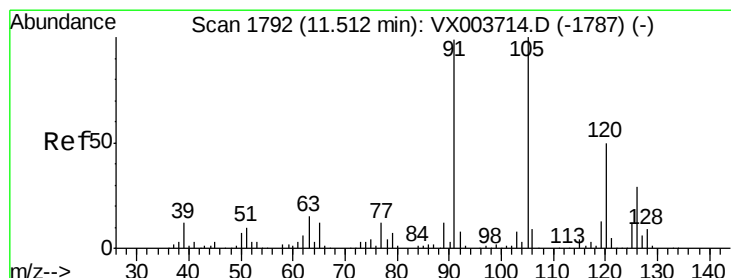
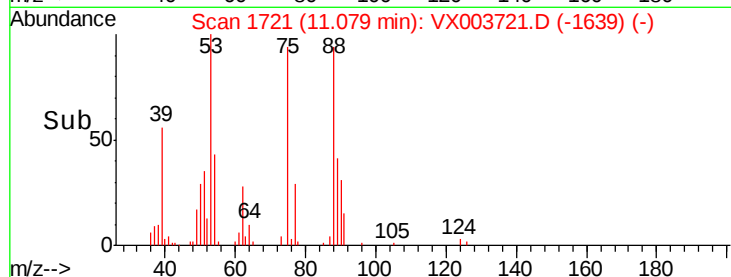
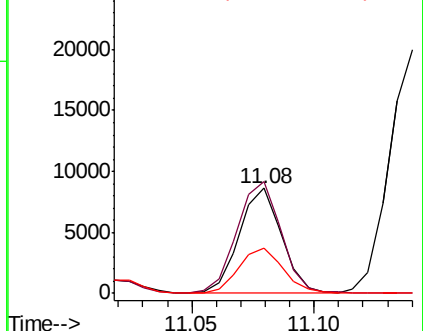
89 43.3 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003721.D

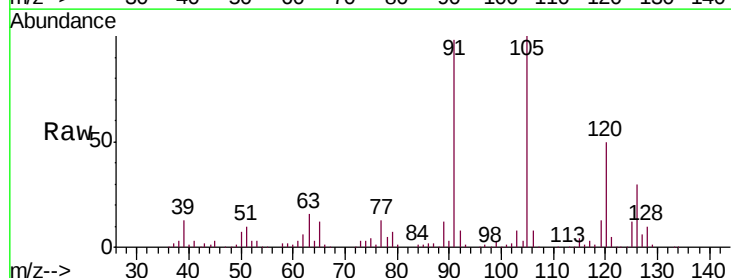
Acq: 27 Jul 2018 19:39

Tgt Ion: 91 Resp: 89946

Ion Ratio Lower Upper

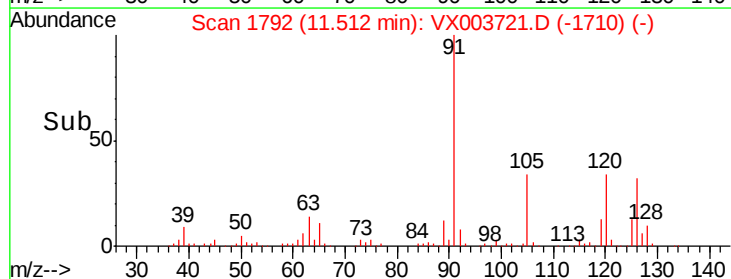
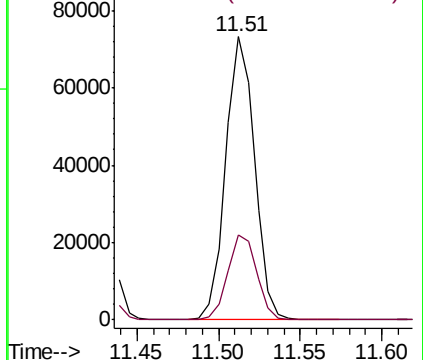
91 100

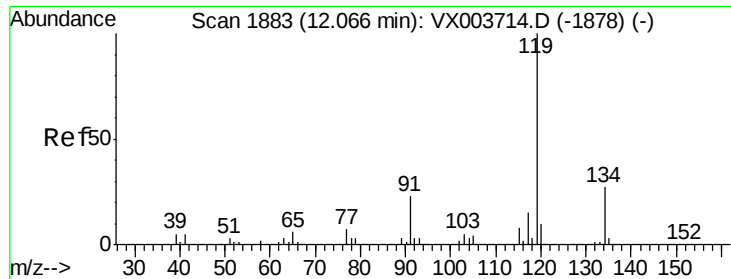
126 30.2 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

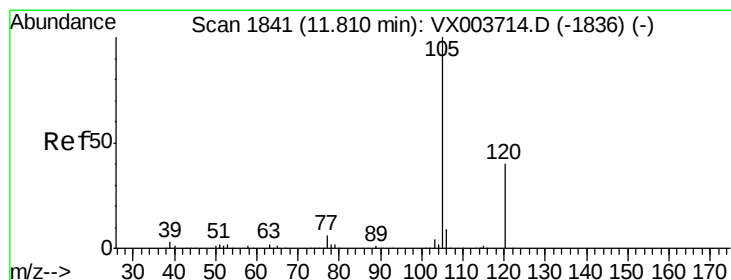
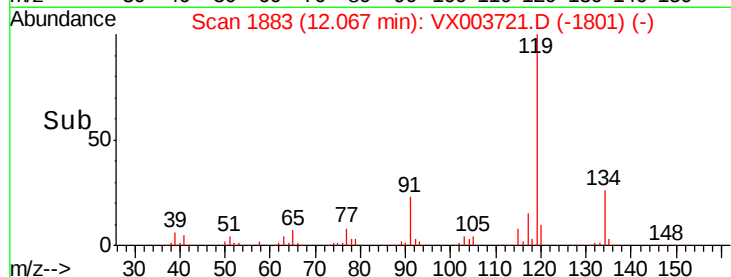
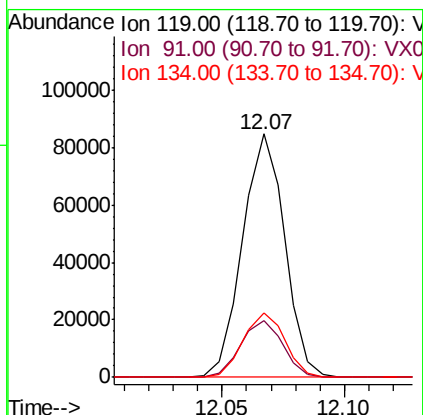
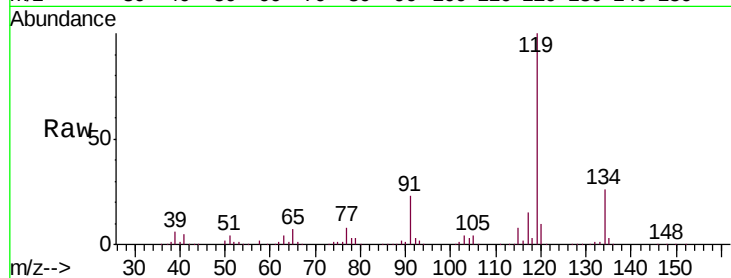




#79
tert-butylbenzene
Concen: 20.63 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

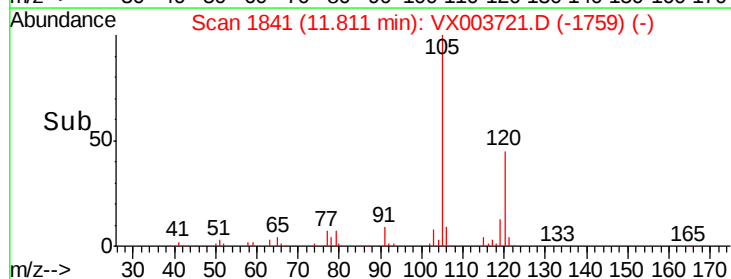
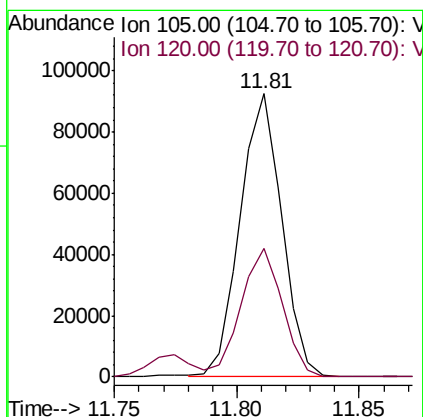
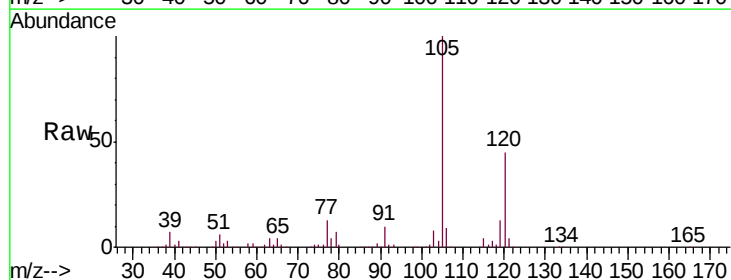
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

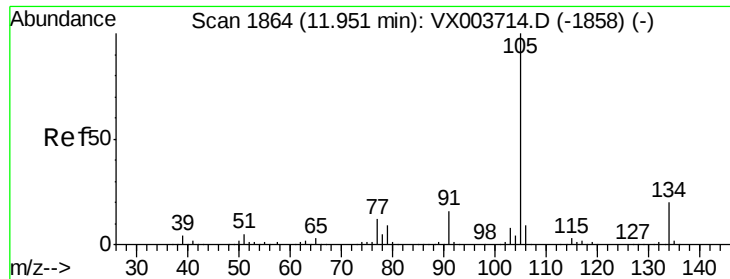
Tot Ion:119 Resp: 101681
Ion Ratio Lower Upper
119 100
91 23.4 0.0 48.0
134 26.3 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 22.27 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion:105 Resp: 109174
Ion Ratio Lower Upper
105 100
120 45.4 0.0 89.2

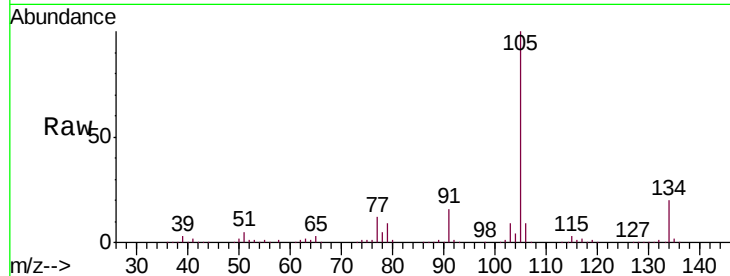




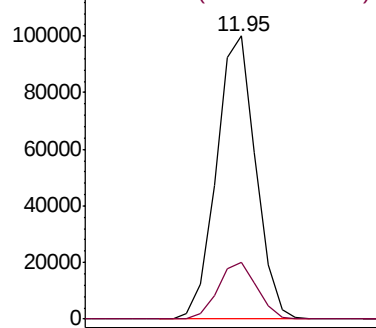
#81
 sec-Butylbenzene
 Concen: 22.03 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampled :
 VX0727WBS01

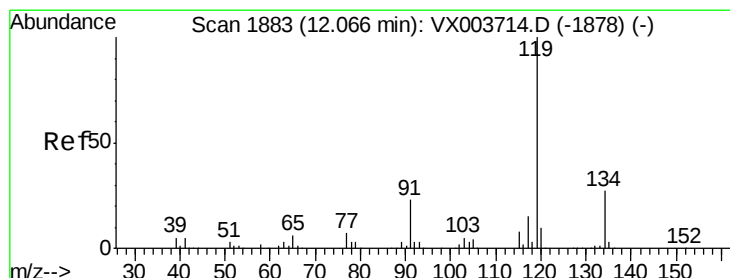
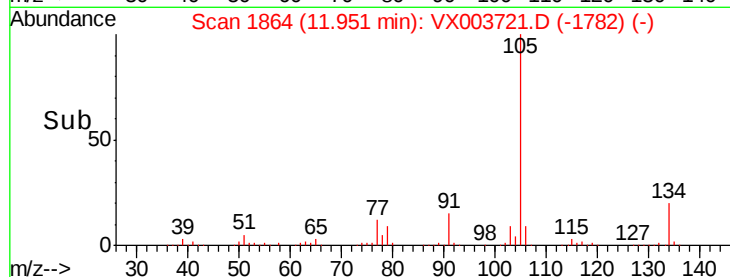
Tot Ion:105 Resp: 122900
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

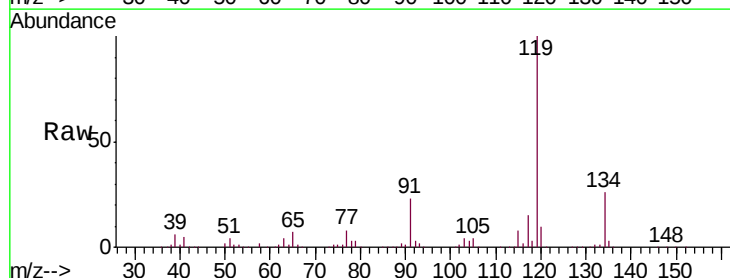


Time-->

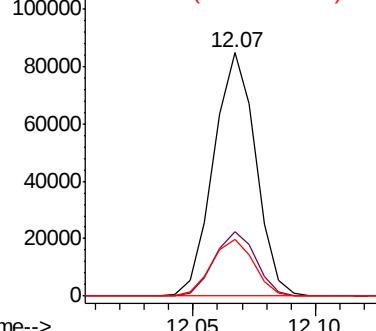


#82
 p-Isopropyltoluene
 Concen: 20.63 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

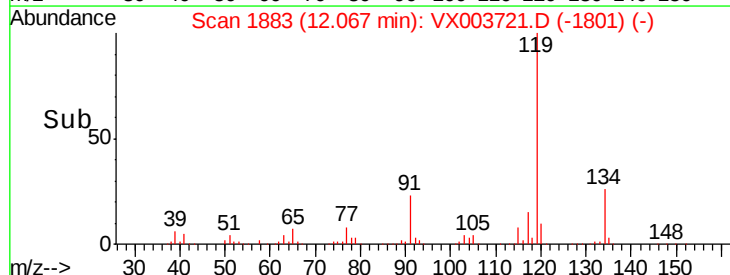
Tgt Ion:119 Resp: 101681
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 23.4 0.0 48.0

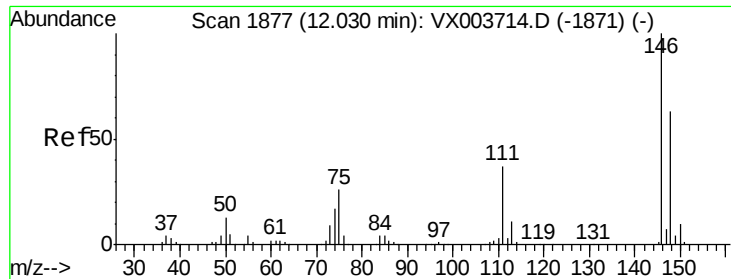


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

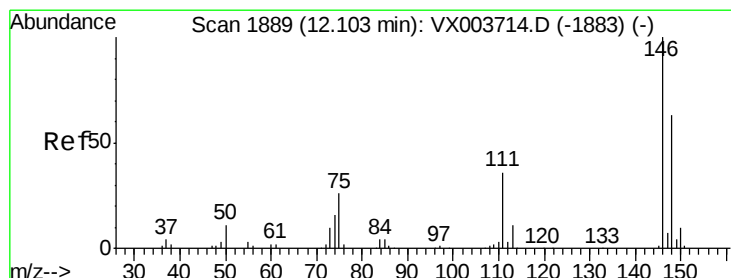
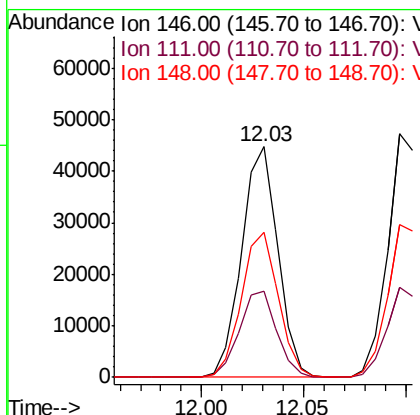
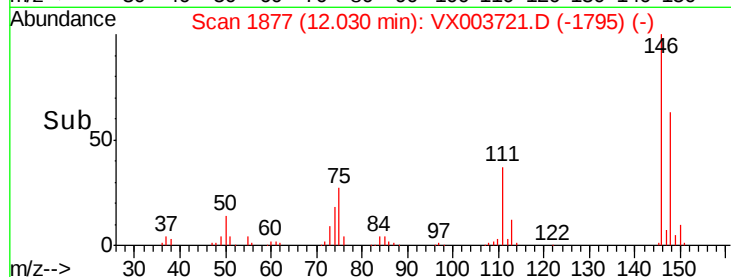
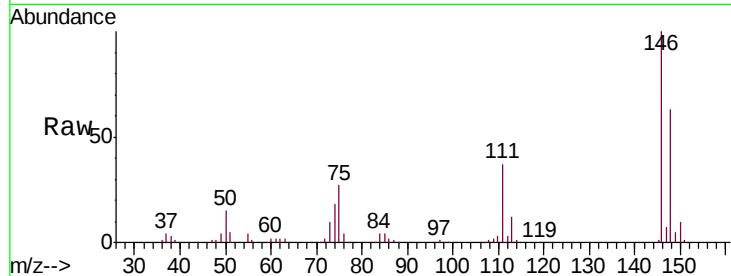




#83
 1,3-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

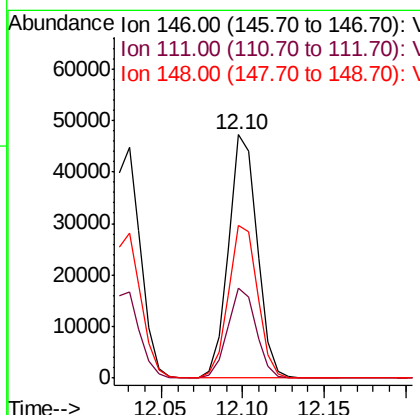
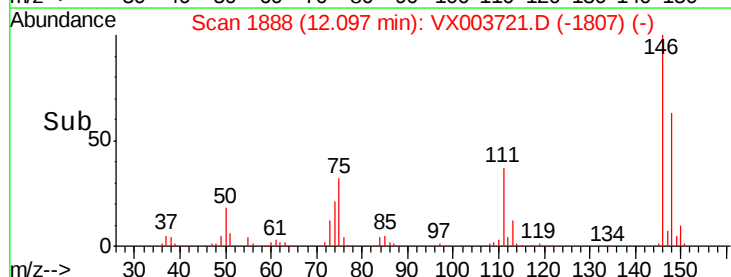
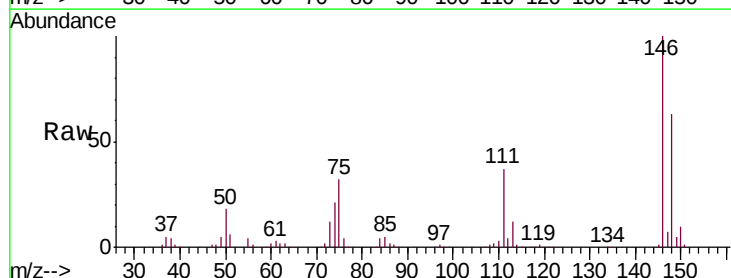
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

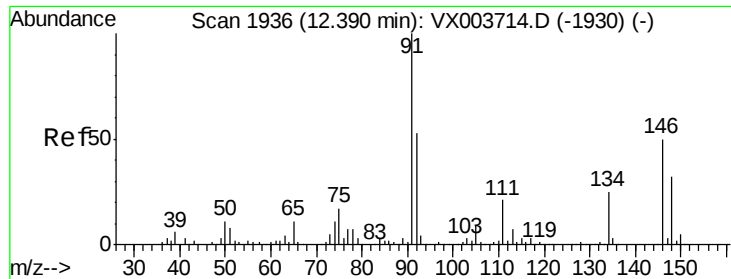
Tot Ion:146 Resp: 55349
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.1 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion:146 Resp: 57735
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.1 32.0 96.0

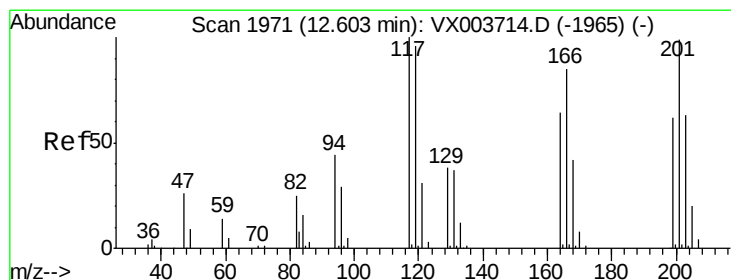
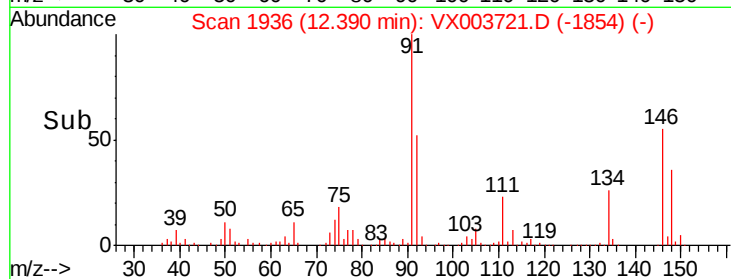
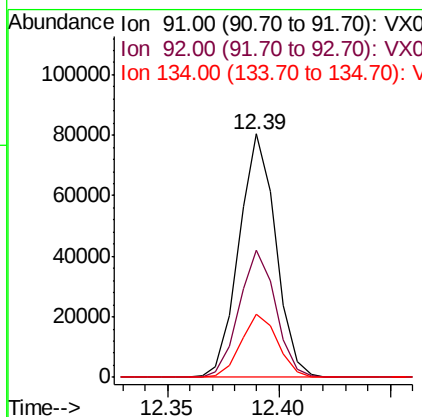
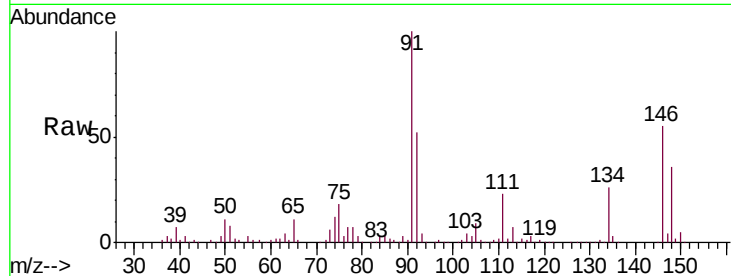




#85
n-Butylbenzene
Concen: 21.09 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

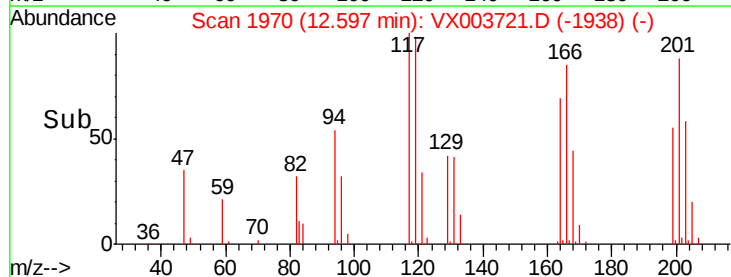
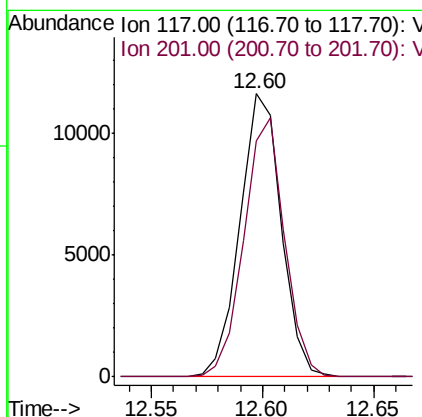
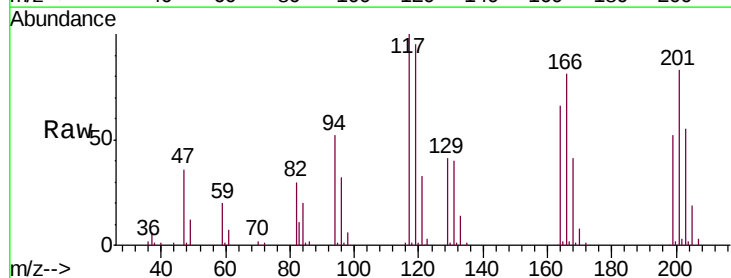
Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

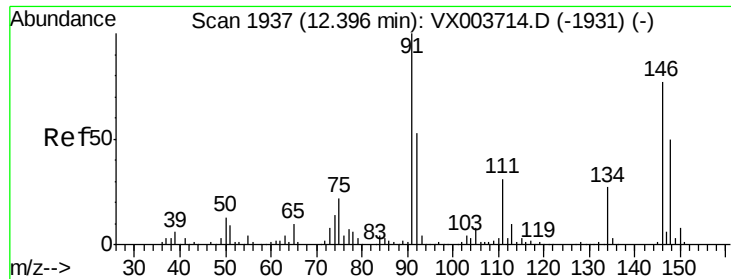
Tot Ion: 91 Resp: 92272
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.2
134 26.1 0.0 53.2



#86
Hexachloroethane
Concen: 19.00 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 117 Resp: 15088
Ion Ratio Lower Upper
117 100
201 89.8 47.6 142.8

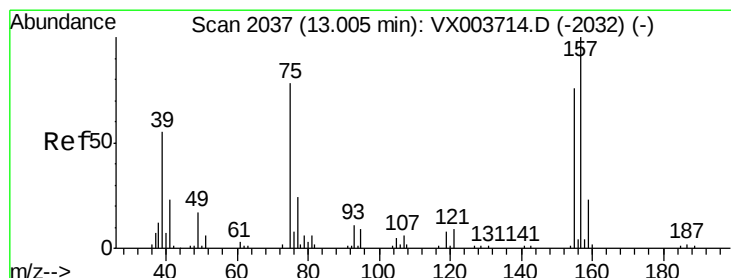
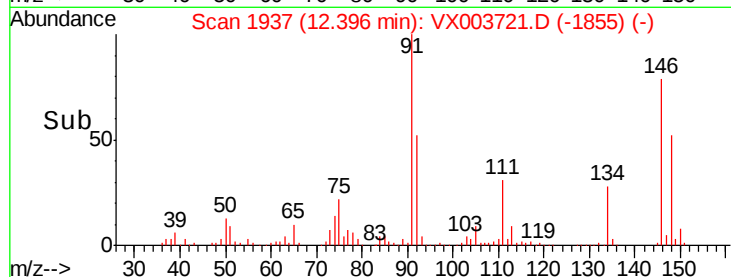
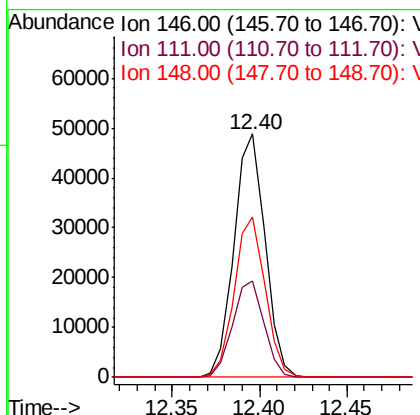
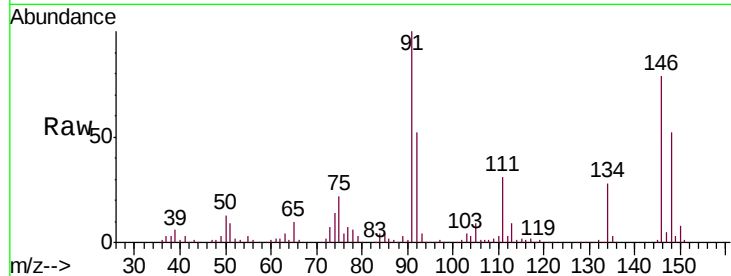




#87
 1,2-Dichlorobenzene
 Concen: 21.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

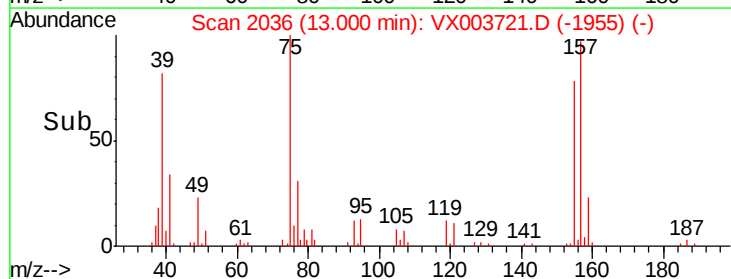
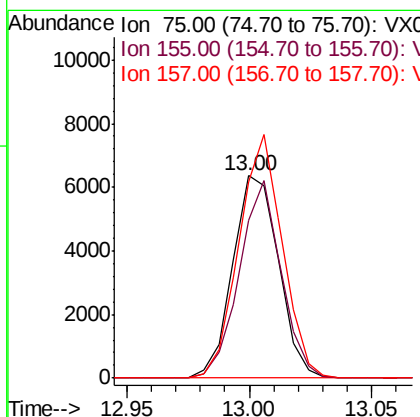
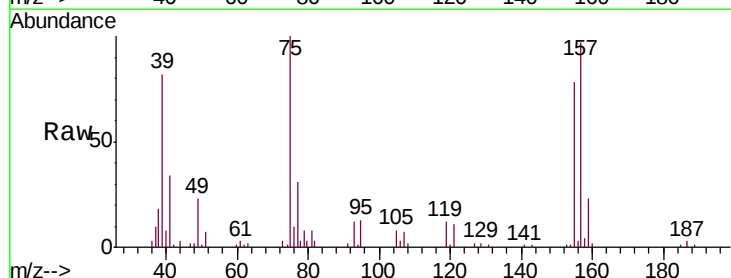
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

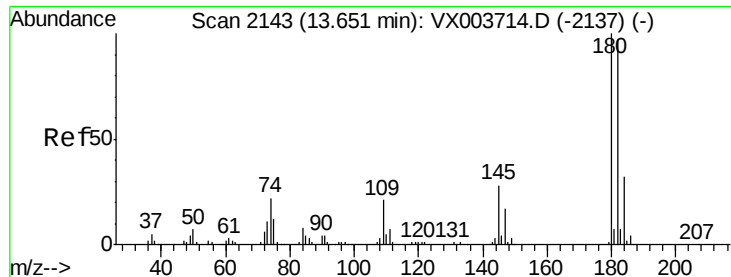
Tot Ion:146 Resp: 60638
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 65.0 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.46 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 75 Resp: 8278
 Ion Ratio Lower Upper
 75 100
 155 89.0 73.1 109.7
 157 113.9 93.1 139.7





#89

1,2,4-Trichlorobenzene

Concen: 19.25 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

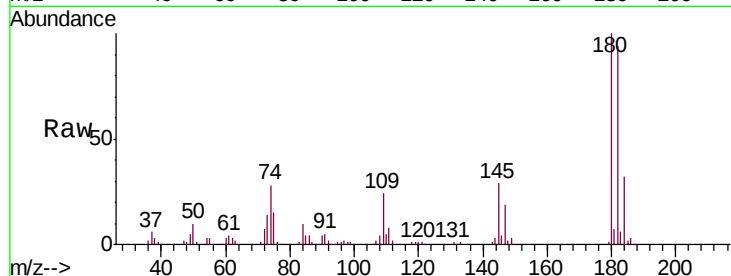
Tot Ion:180 Resp: 37702

Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

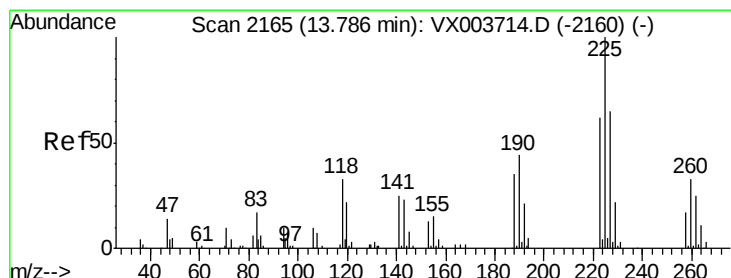
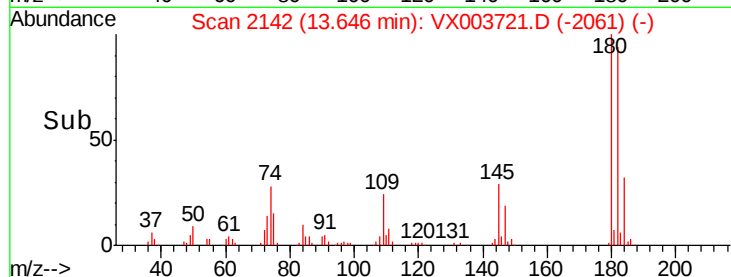
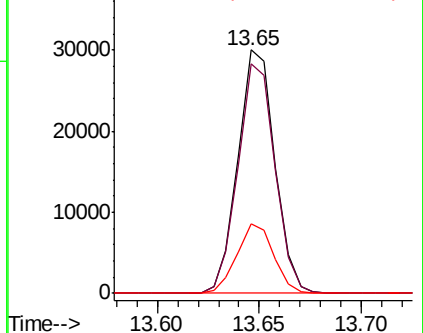
145 28.5 22.9 34.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 19.46 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

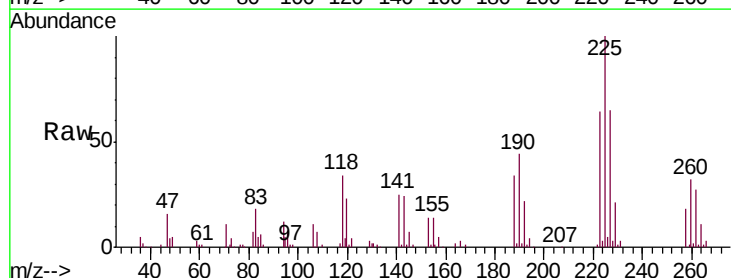
Tgt Ion:225 Resp: 17279

Ion Ratio Lower Upper

225 100

223 62.9 0.0 122.4

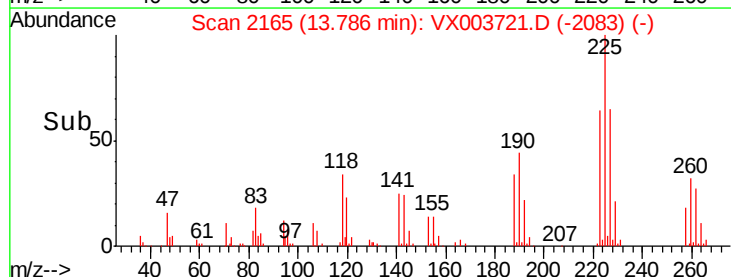
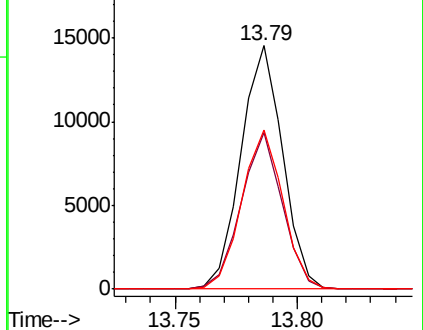
227 64.3 0.0 128.0

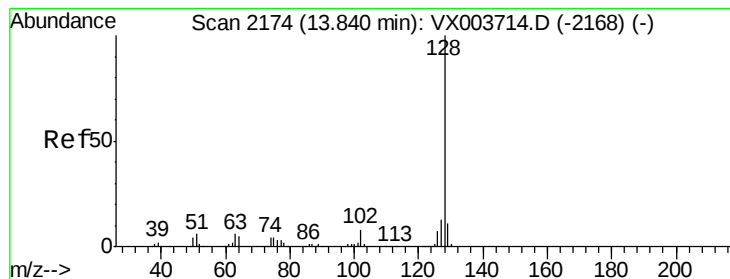


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

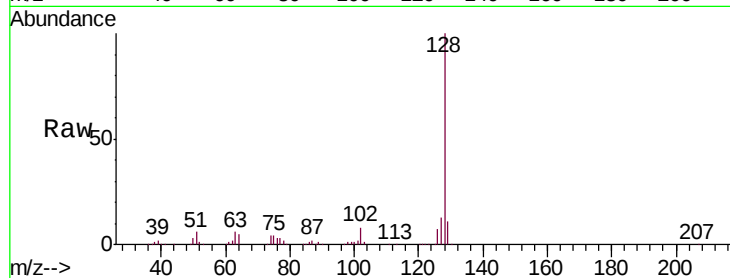
Tot Ion:128 Resp: 120320

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

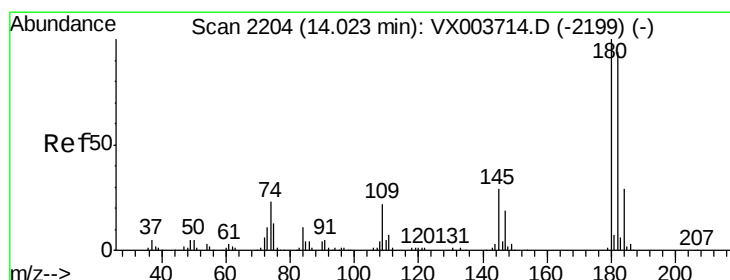
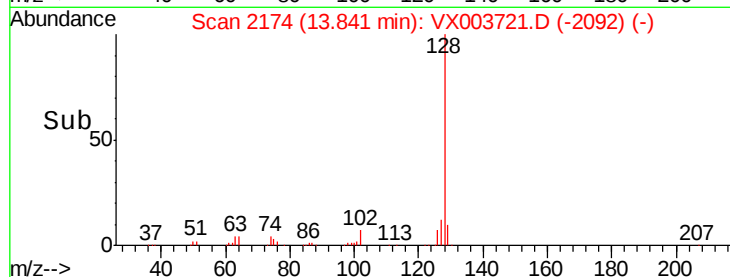
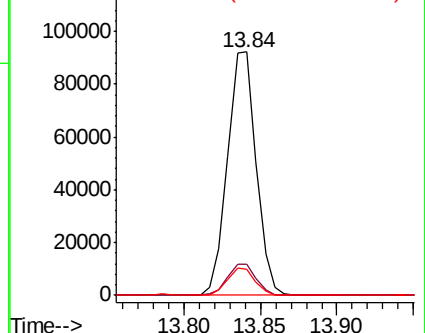
129 10.8 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 20.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

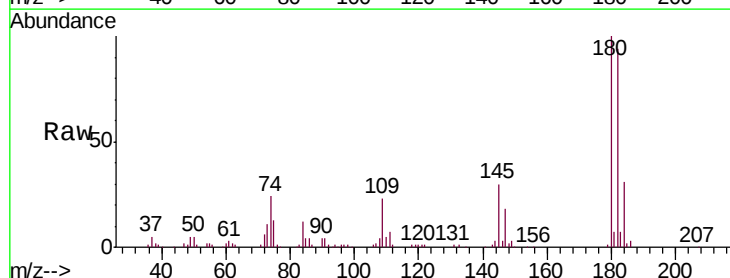
Tgt Ion:180 Resp: 40562

Ion Ratio Lower Upper

180 100

182 95.3 0.0 191.0

145 30.2 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

