

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\
 Data File : VX003722.D
 Acq On : 27 Jul 2018 20:06
 Operator : JC/SP
 Sample : VX0727WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Quant Time: Jul 28 02:29:58 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	5.03	128	22674	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	102608	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	95213	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	44302	26.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	88.70%
60) 4-Bromofluorobenzene	11.14	95	48542	31.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.53%
63) Toluene-d8	8.72	98	132265	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	21379	17.85	ug/l	98
3) Chloromethane	1.32	50	29363	18.22	ug/l	99
4) Vinyl Chloride	1.40	62	30884	18.22	ug/l	99
5) Bromomethane	1.64	94	18021	17.79	ug/l	98
6) Chloroethane	1.72	64	20283	18.28	ug/l	97
7) Trichlorofluoromethane	1.93	101	41101	18.03	ug/l	98
8) Diethyl Ether	2.19	74	17777	18.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25415	18.38	ug/l	98
10) 1,1-Dichloroethene	2.37	96	23850	18.35	ug/l	96
11) Methyl Iodide	2.51	142	32684	18.14	ug/l	94
12) Methyl Acetate	2.78	43	45663	18.98	ug/l	94
13) Acrolein	2.29	56	17391	92.70	ug/l	100
14) Acrylonitrile	3.15	53	88581	93.46	ug/l	99
15) Acetone	2.45	58	23526	91.47	ug/l	78
16) Carbon Disulfide	2.57	76	64179	17.78	ug/l	100
17) Allyl chloride	2.73	41	48159	17.90	ug/l	98
18) Methylene Chloride	2.86	84	28793	18.70	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	26347	18.75	ug/l	98
20) Diisopropyl ether	3.88	45	95156	19.26	ug/l	98
21) 1,1-Dichloroethane	3.70	63	52055	18.61	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	27942	19.69	ug/l	# 78
23) tert-Butyl Alcohol	3.07	59	38071	95.63	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	87758	18.82	ug/l	91
25) Chloroform	5.22	83	46336	19.13	ug/l	96
26) Cyclohexane	5.58	56	34542	16.44	ug/l	# 96
29) 1,1-Dichloropropene	5.80	75	29854	19.70	ug/l	99
30) 2-Butanone	4.71	43	112976	116.76	ug/l	96
31) 2,2-Dichloropropane	4.59	77	32399	22.07	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	34757	20.05	ug/l	99
33) Carbon Tetrachloride	5.79	117	29435	19.54	ug/l	95
34) Benzene	6.15	78	92124	19.79	ug/l	98
35) Methacrylonitrile	5.07	41	23236	23.11	ug/l	94
36) 1,2-Dichloroethane	6.20	62	34616	20.69	ug/l	98
37) Trichloroethene	7.22	130	23198	19.12	ug/l	98
38) Methylcyclohexane	7.46	83	32722	19.00	ug/l	99
39) 1,2-Dichloropropane	7.52	63	24310	19.76	ug/l	92
40) Dibromomethane	7.67	93	15914	19.99	ug/l	94

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 Data File : VX003722.D
 Acq On : 27 Jul 2018 20:06
 Operator : JC/SP
 Sample : VX0727WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Quant Time: Jul 28 02:29:58 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	29569	19.44	ug/l	99
42) Vinyl Acetate	3.83	43	402752	108.32	ug/l	99
43) Ethyl Acetate	4.87	43	41864	23.16	ug/l	96
44) Isopropyl Acetate	6.47	43	55154	19.90	ug/l	98
45) 1,4-Dioxane	7.76	88	12226	397.11	ug/l #	87
46) Methyl methacrylate	7.78	41	28524	19.94	ug/l	95
47) n-amyl Acetate	10.90	43	52387	20.02	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	35135	19.04	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	31864	18.40	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	24155	19.11	ug/l	98
51) Ethyl methacrylate	9.18	69	34671	18.22	ug/l	94
52) 1,3-Dichloropropane	9.38	76	40353	19.19	ug/l	100
53) Dibromochloromethane	9.59	129	22192	17.88	ug/l	99
54) 1,2-Dibromoethane	9.68	107	24572	18.59	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	96217	98.03	ug/l	99
56) Bromoform	10.86	173	18389	19.09	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	190824	106.14	ug/l	96
59) 2-Hexanone	9.50	43	148069	103.44	ug/l	96
61) Tetrachloroethene	9.34	164	21495	19.40	ug/l	98
62) Toluene	8.79	91	100858	20.41	ug/l	99
64) Chlorobenzene	10.14	112	63354	19.84	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	22663	20.06	ug/l	99
66) Ethyl Benzene	10.26	91	106396	19.56	ug/l	100
67) m/p-Xylenes	10.36	106	83995	40.10	ug/l	99
68) o-Xylene	10.70	106	41785	20.85	ug/l	100
69) Styrene	10.71	104	70164	20.68	ug/l	98
70) Isopropylbenzene	11.02	105	115659	20.96	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	40682	20.66	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	44203	26.98	ug/l	93
73) Bromobenzene	11.26	156	29008	19.51	ug/l	97
74) n-propylbenzene	11.36	91	128193	19.73	ug/l	99
75) 2-Chlorotoluene	11.42	91	76254	19.91	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	91953	19.64	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	10471	18.76	ug/l	90
78) 4-Chlorotoluene	11.51	91	88670	19.79	ug/l	99
79) tert-butylbenzene	12.07	119	93511	19.41	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	94455	19.71	ug/l	99
81) sec-Butylbenzene	11.95	105	107658	19.75	ug/l	97
82) p-Isopropyltoluene	12.07	119	93511	19.41	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	52884	19.48	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	53489	19.57	ug/l	100
85) n-Butylbenzene	12.39	91	86800	20.30	ug/l	99
86) Hexachloroethane	12.60	117	16665	21.47	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	56436	20.70	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	8510	20.47	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	37616	19.65	ug/l	99
90) Hexachlorobutadiene	13.79	225	19905	22.94	ug/l	99
91) Naphthalene	13.84	128	122872	21.01	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	39516	20.28	ug/l	99

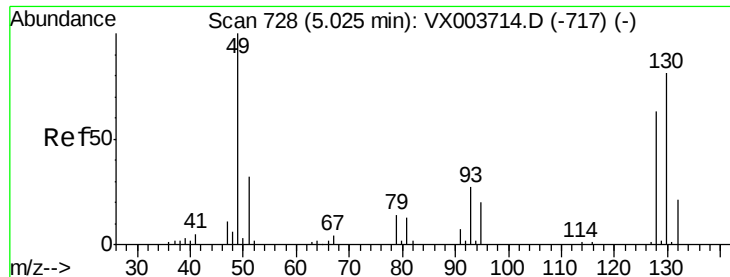
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\
Data File : VX003722.D
Acq On : 27 Jul 2018 20:06
Operator : JC/SP
Sample : VX0727WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Quant Time: Jul 28 02:29:58 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

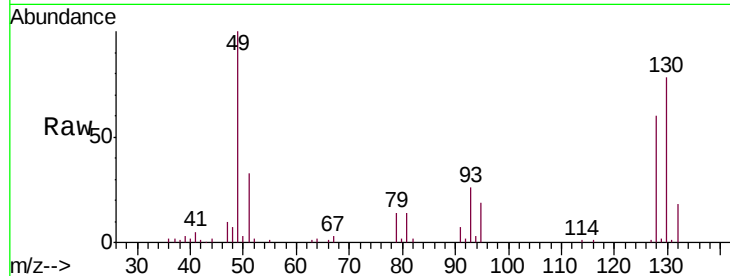
Tot Ion:128 Resp: 22674

Ion Ratio Lower Upper

128 100

49 165.8 0.0 423.0

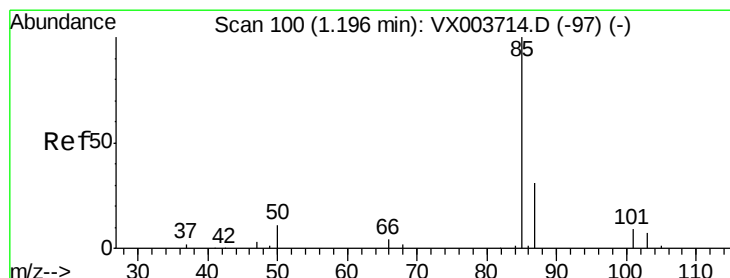
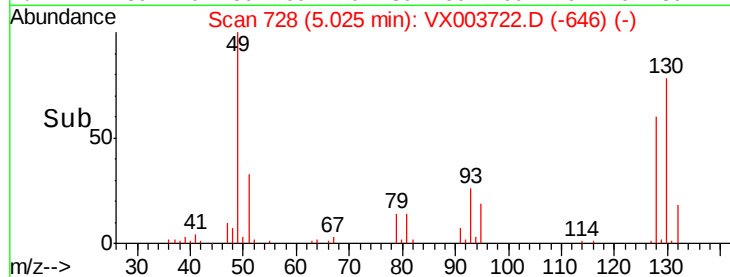
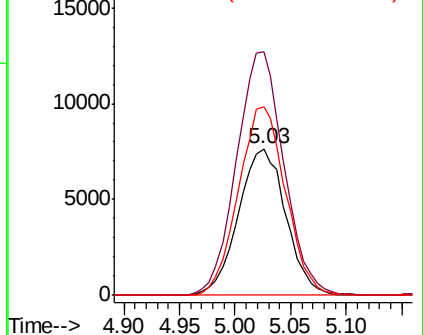
130 127.9 0.0 324.3



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: 17.85 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003722.D

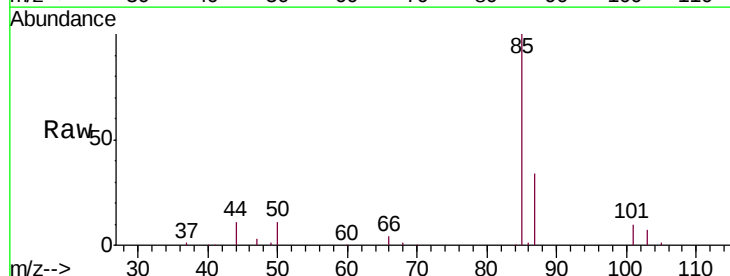
Acq: 27 Jul 2018 20:06

Tgt Ion: 85 Resp: 21379

Ion Ratio Lower Upper

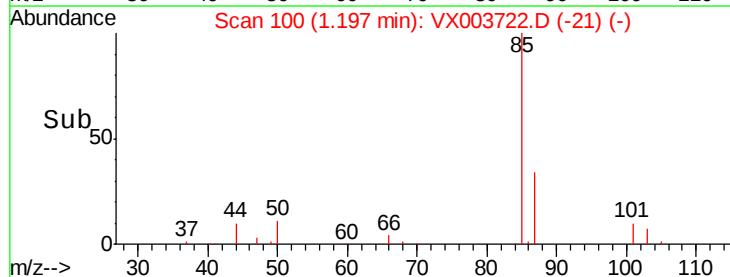
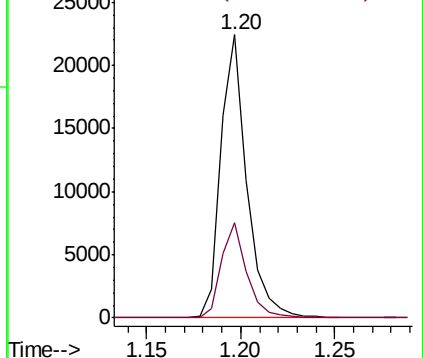
85 100

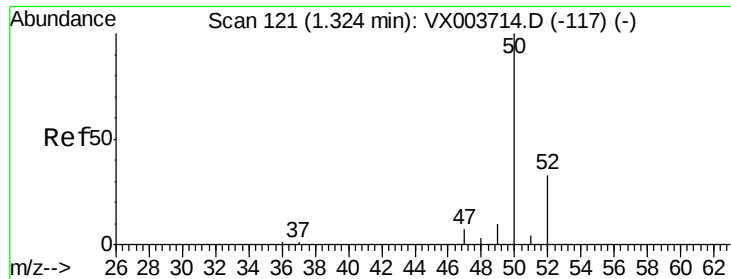
87 33.6 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

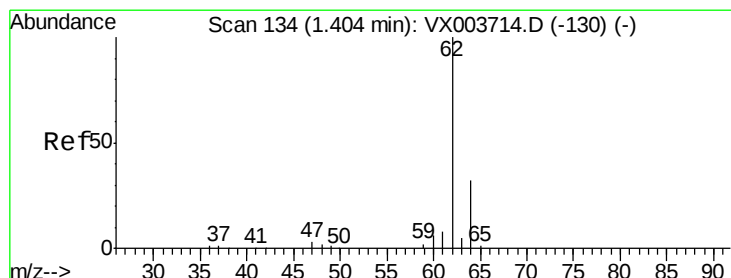
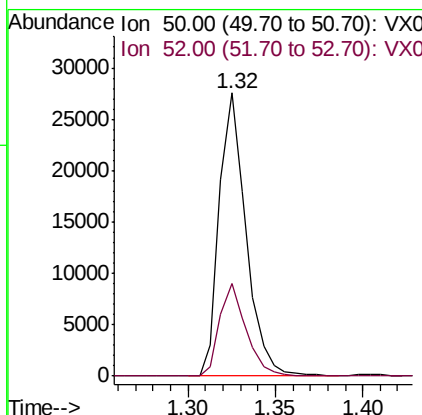
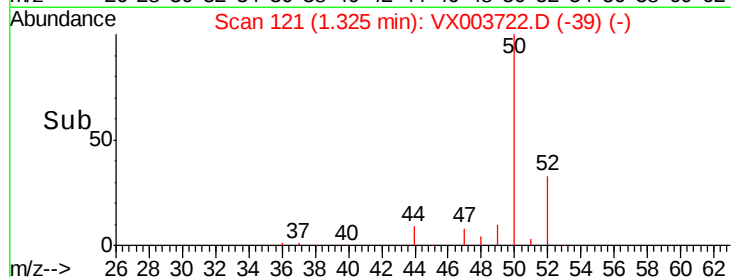
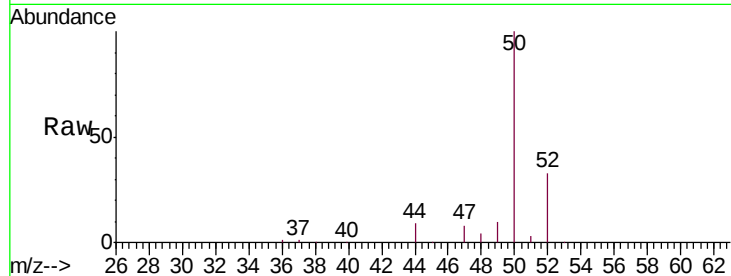




#3
Chloromethane
Concen: 18.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

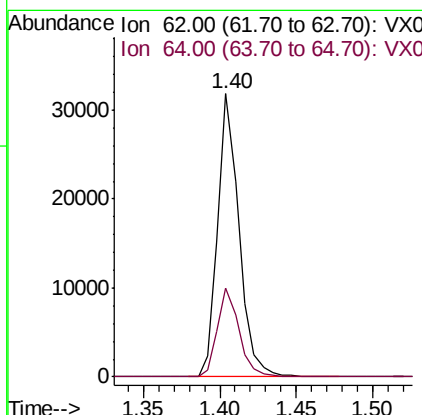
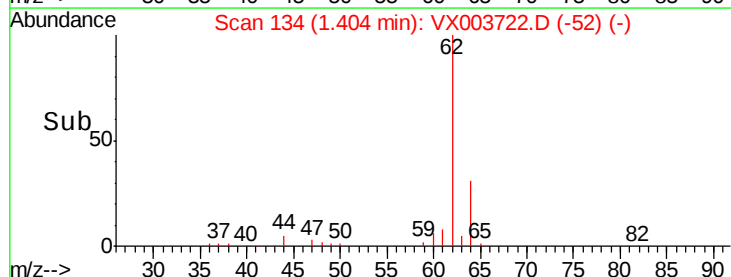
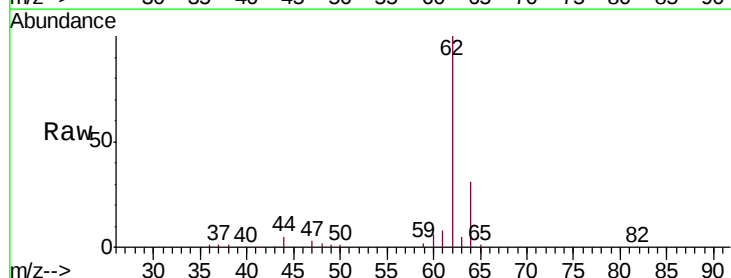
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

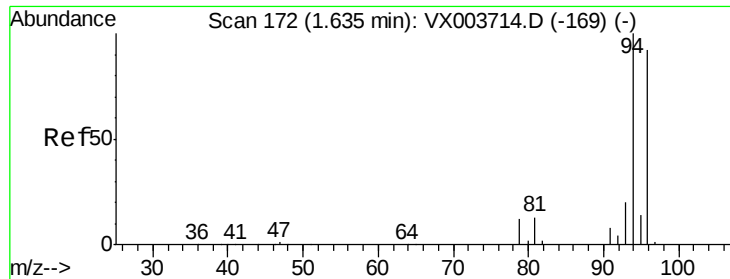
Tot Ion: 50 Resp: 29363
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 18.22 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 62 Resp: 30884
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

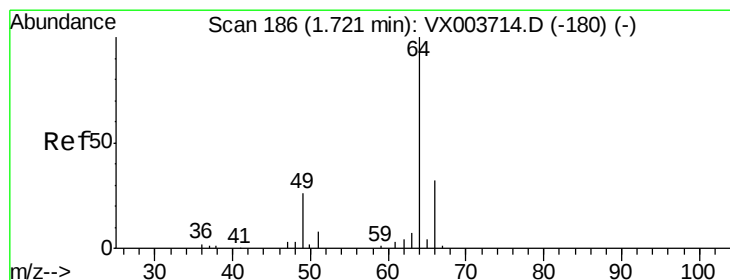
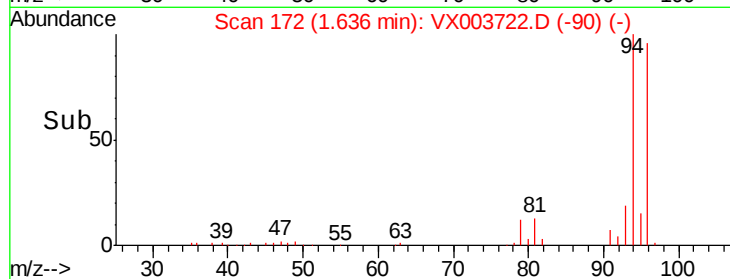
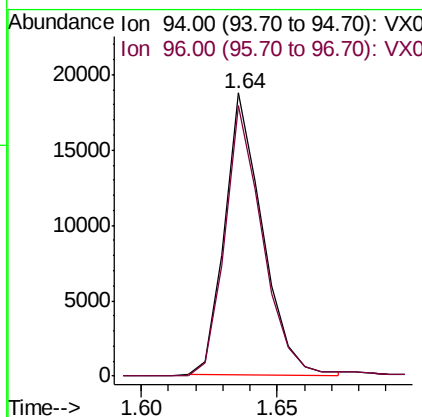
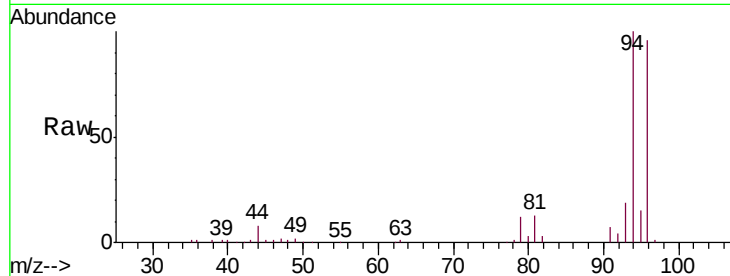




#5
Bromomethane
Concen: 17.79 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

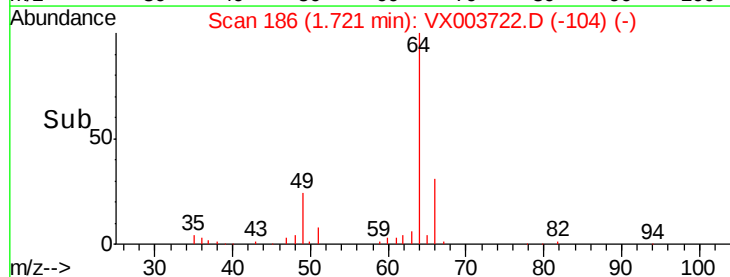
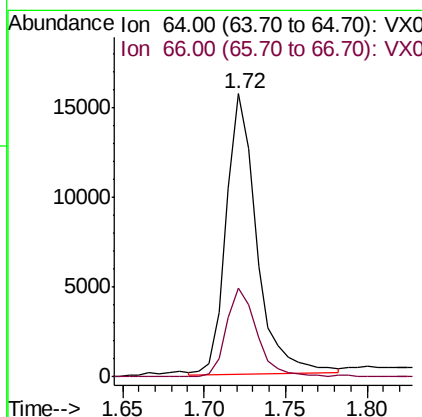
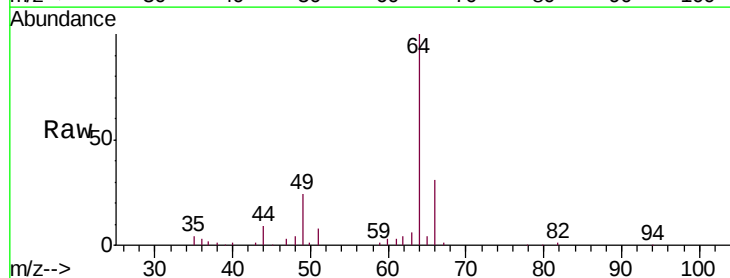
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

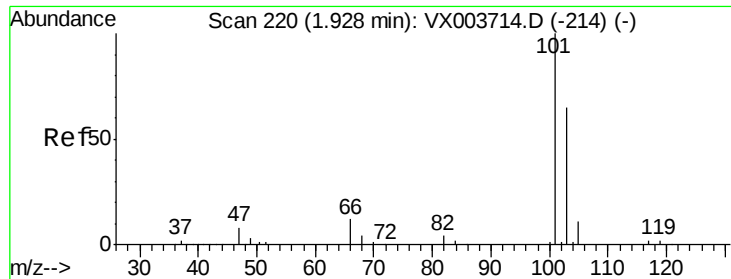
Tot Ion: 94 Resp: 18021
Ion Ratio Lower Upper
94 100
96 96.1 75.7 113.5



#6
Chloroethane
Concen: 18.28 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 64 Resp: 20283
Ion Ratio Lower Upper
64 100
66 31.8 24.3 36.5





#7

Trichlorofluoromethane

Concen: 18.03 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

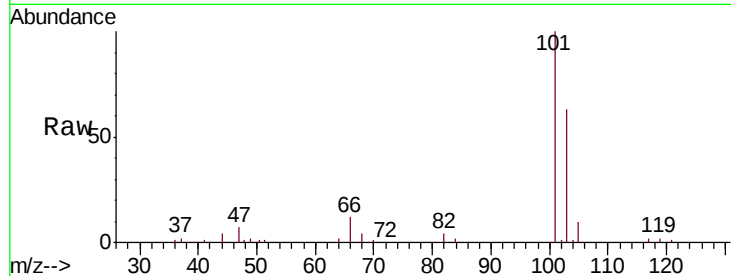
VX0727WBSD01

Tot Ion:101 Resp: 41101

Ion Ratio Lower Upper

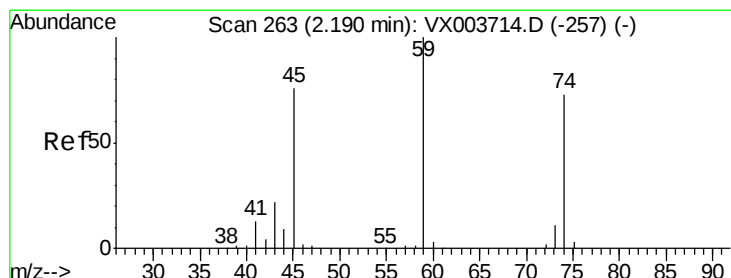
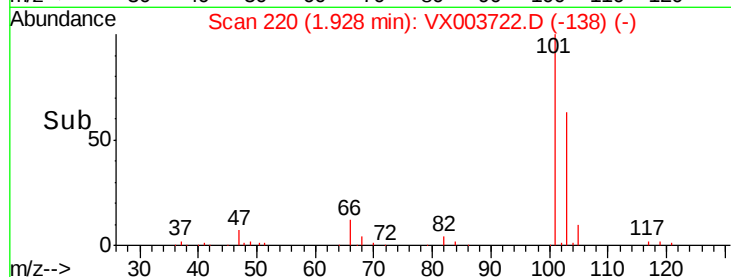
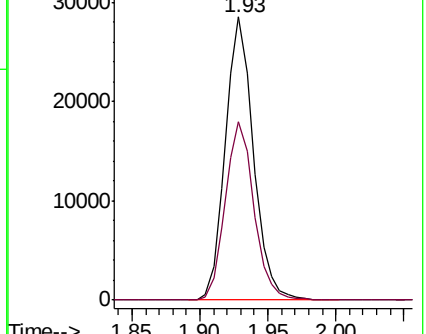
101 100

103 62.8 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 18.19 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003722.D

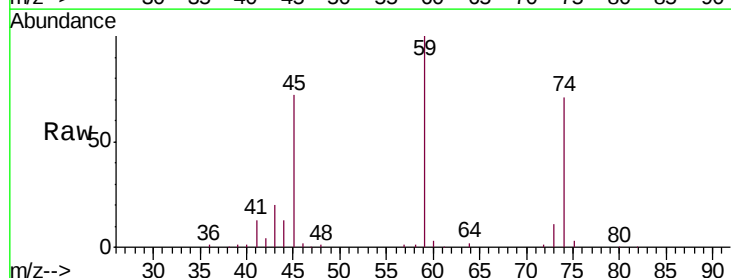
Acq: 27 Jul 2018 20:06

Tgt Ion: 74 Resp: 17777

Ion Ratio Lower Upper

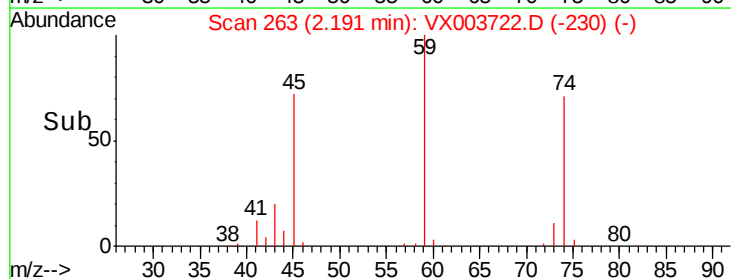
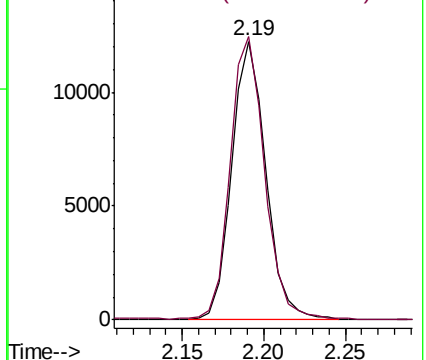
74 100

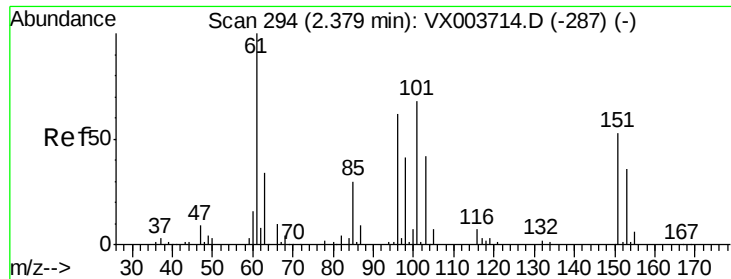
45 103.3 20.5 184.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.38 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

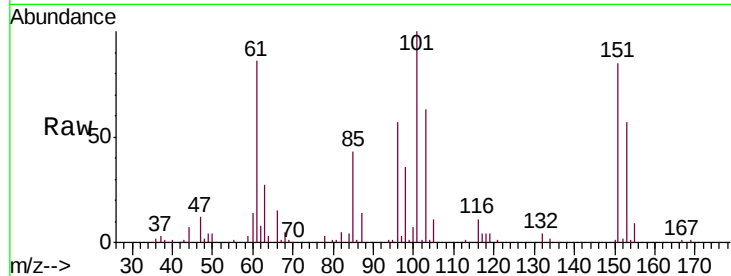
Tot Ion:101 Resp: 25415

Ion Ratio Lower Upper

101 100

85 42.6 0.0 87.0

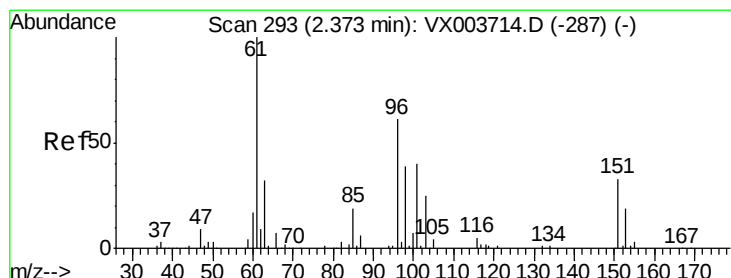
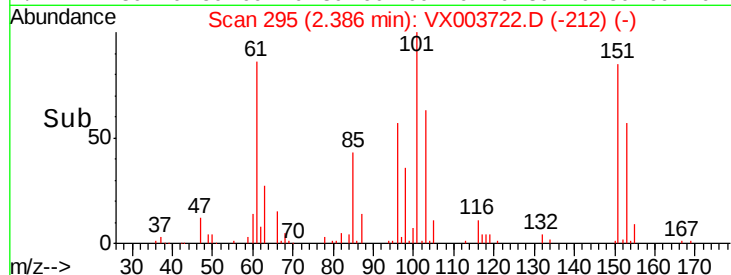
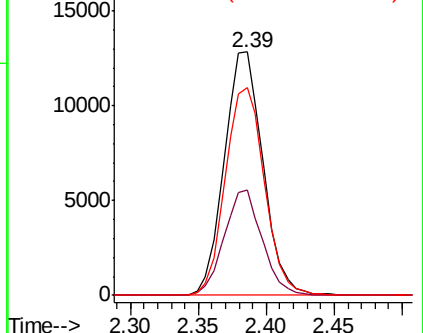
151 86.3 0.0 177.6



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: 18.35 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

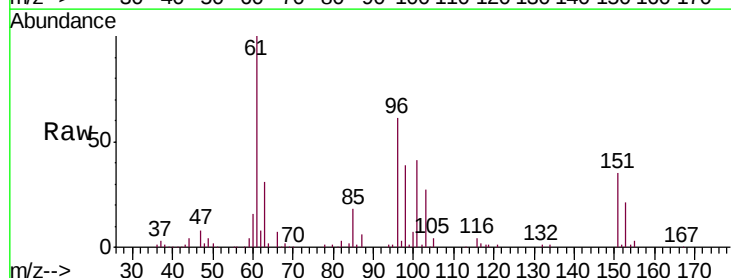
Tgt Ion: 96 Resp: 23850

Ion Ratio Lower Upper

96 100

61 164.5 137.5 206.3

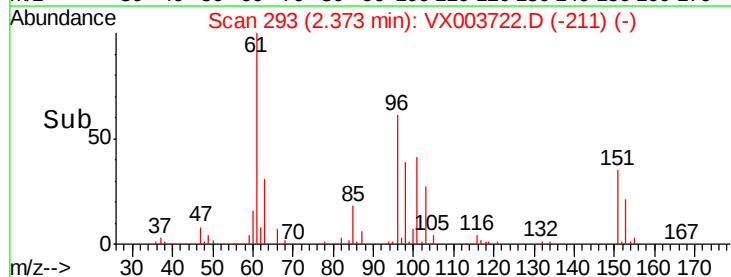
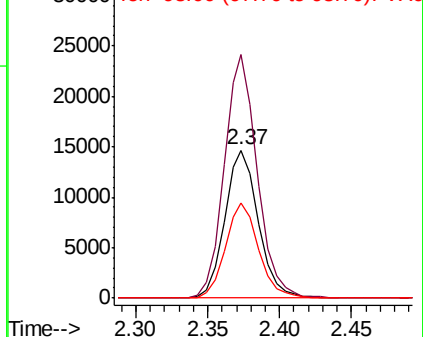
98 64.1 51.4 77.2

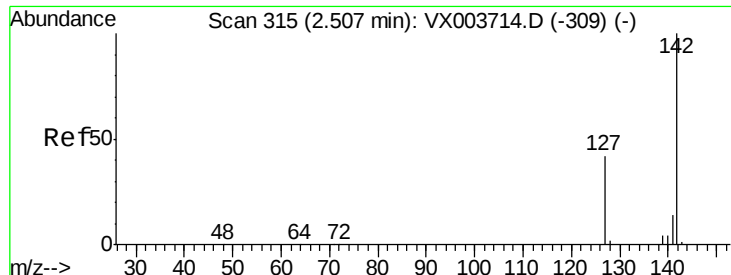


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

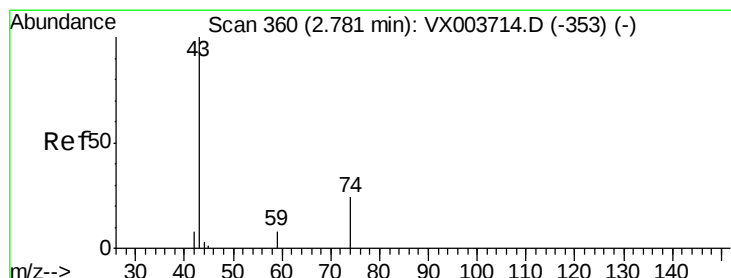
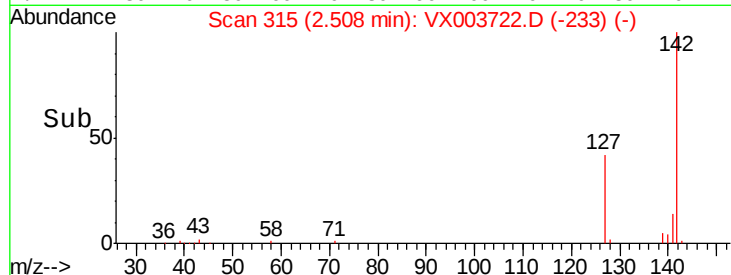
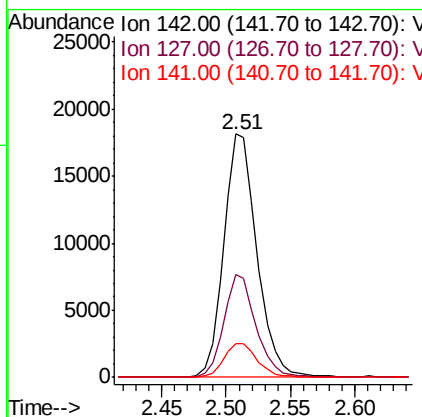
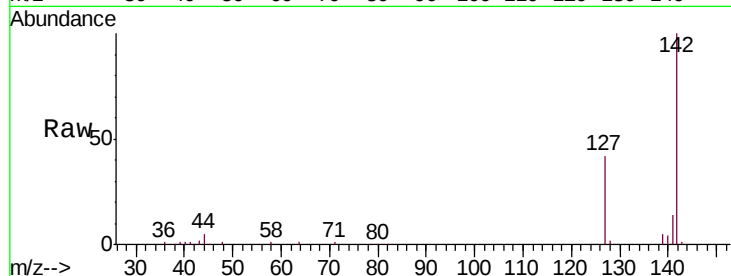




#11
Methvl Iodide
Concen: 18.14 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

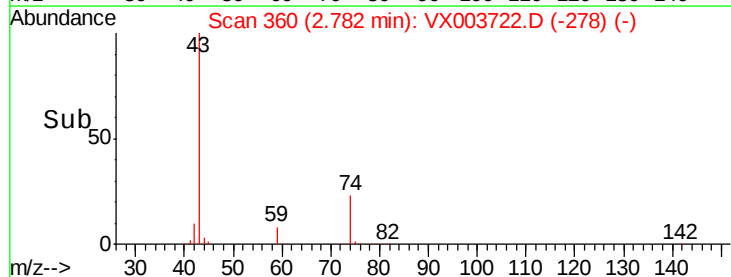
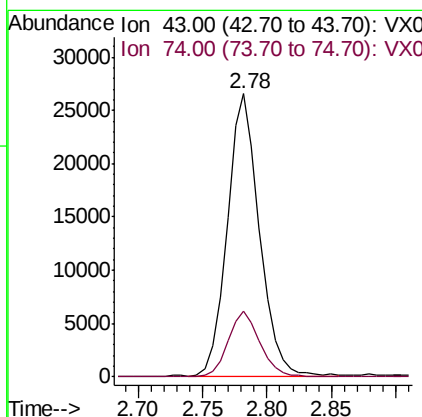
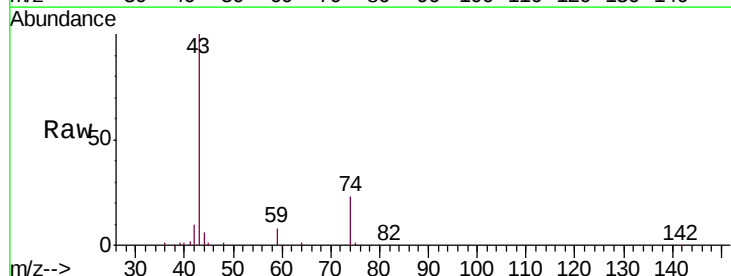
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

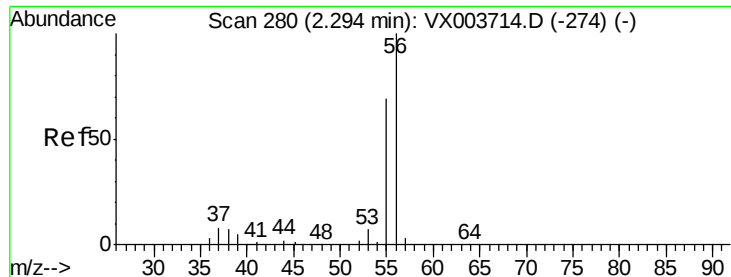
Tot Ion:142 Resp: 32684
Ion Ratio Lower Upper
142 100
127 42.1 23.2 69.6
141 13.7 7.4 22.2



#12
Methyl Acetate
Concen: 18.98 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 43 Resp: 45663
Ion Ratio Lower Upper
43 100
74 23.4 16.4 24.6





#13

Acrolein

Concen: 92.70 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

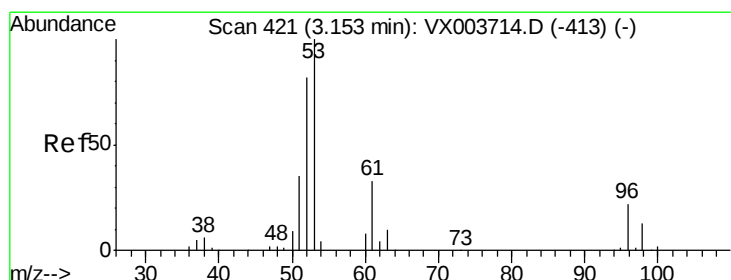
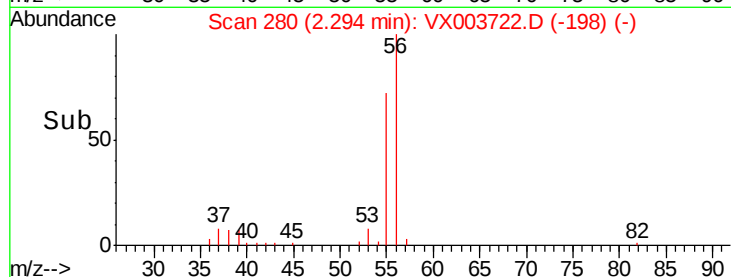
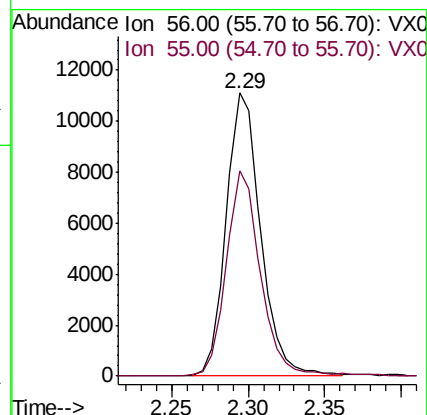
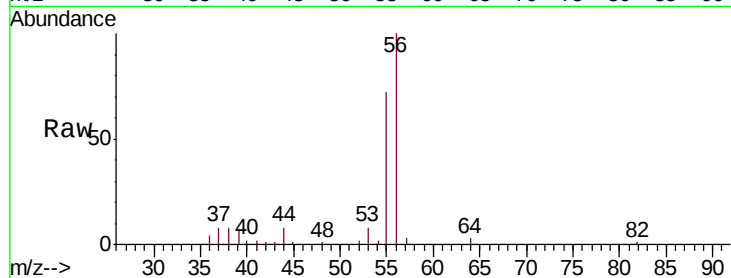
VX0727WBSD01

Tot Ion: 56 Resp: 17391

Ion Ratio Lower Upper

56 100

55 71.5 57.3 85.9



#14

Acrylonitrile

Concen: 93.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

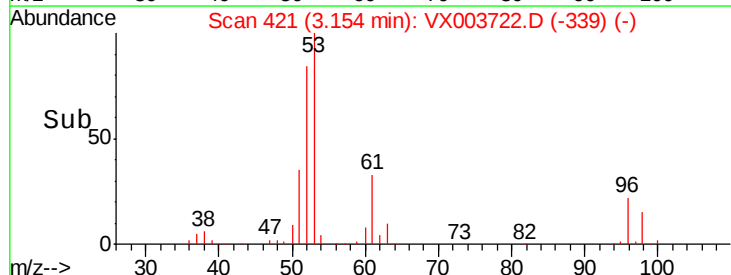
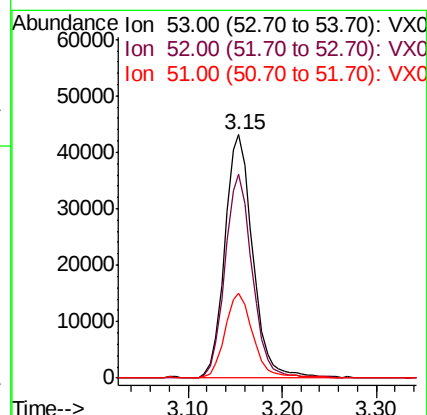
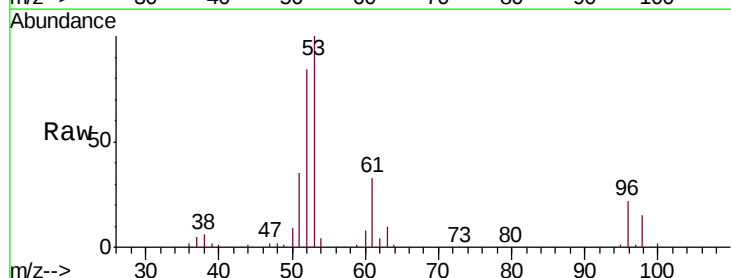
Tgt Ion: 53 Resp: 88581

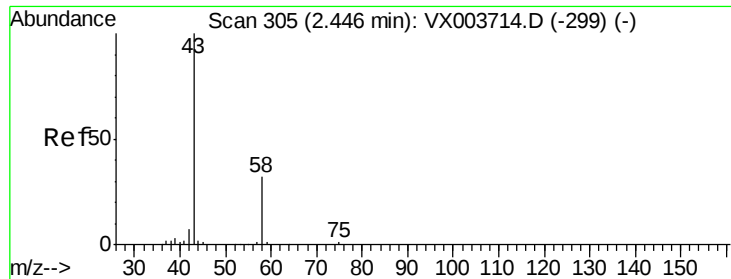
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 35.1 17.9 53.8





#15

Acetone

Concen: 91.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

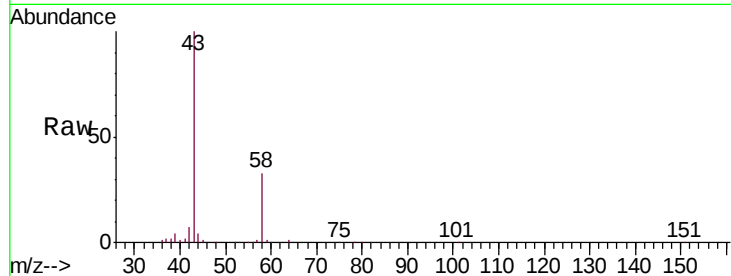
VX0727WBSD01

Tot Ion: 58 Resp: 23526

Ion Ratio Lower Upper

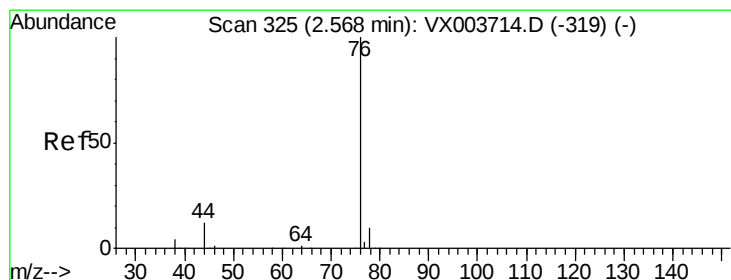
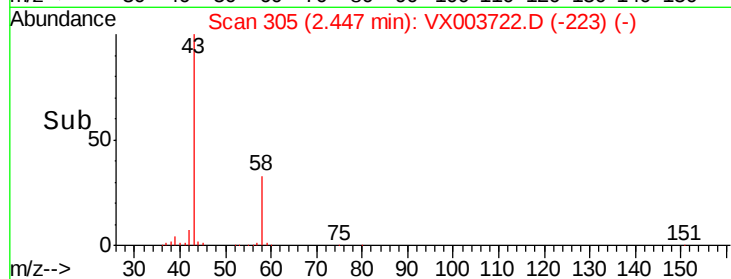
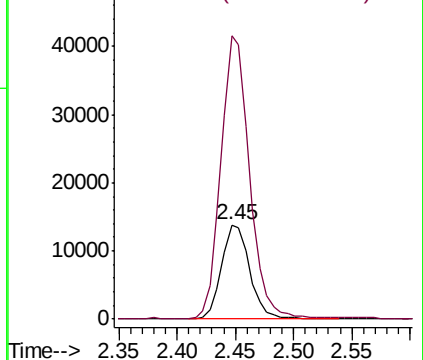
58 100

43 300.4 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.78 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003722.D

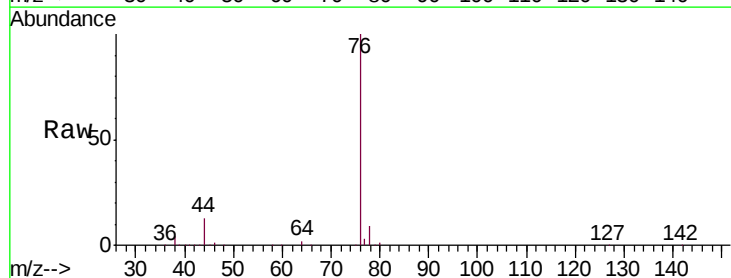
Acq: 27 Jul 2018 20:06

Tgt Ion: 76 Resp: 64179

Ion Ratio Lower Upper

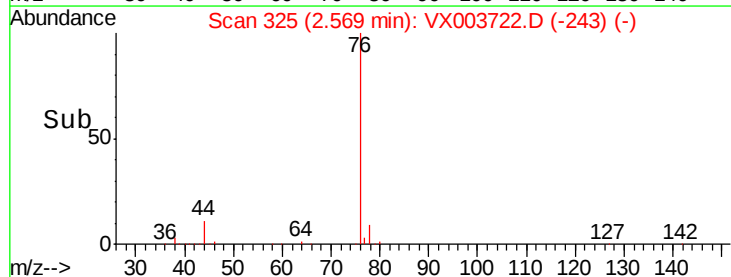
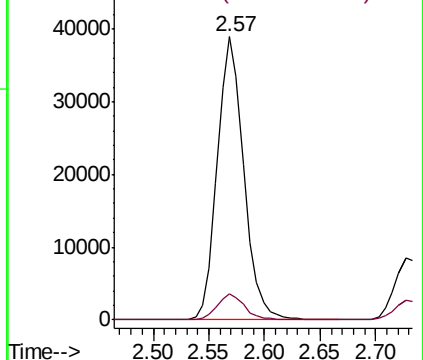
76 100

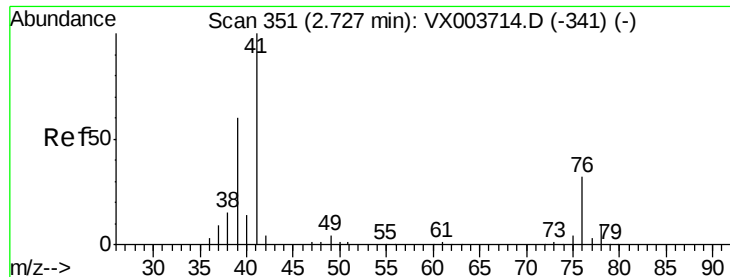
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

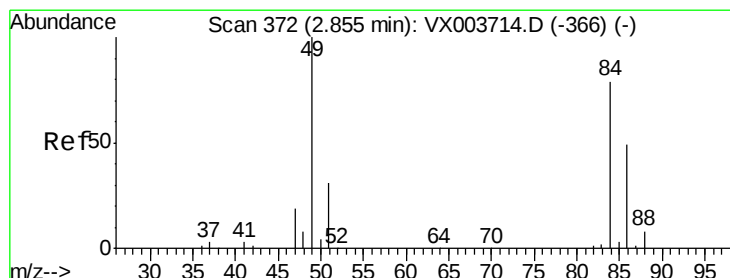
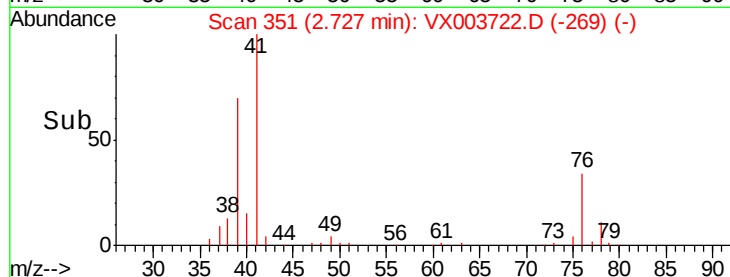
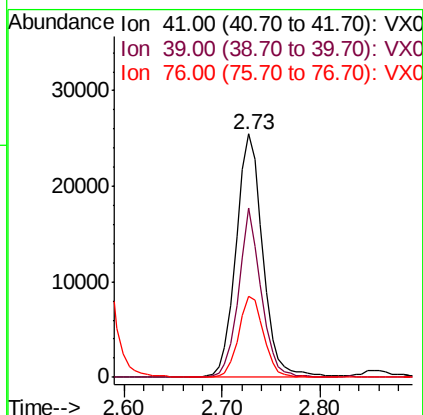
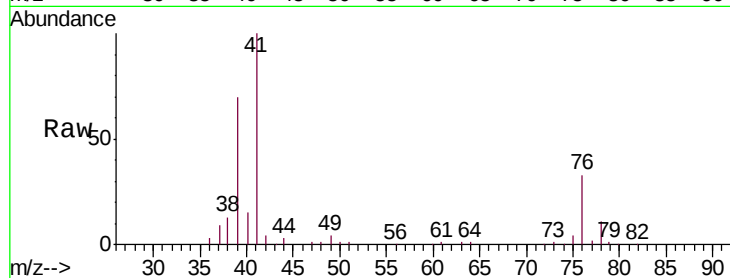




#17
Allvl chloride
Concen: 17.90 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

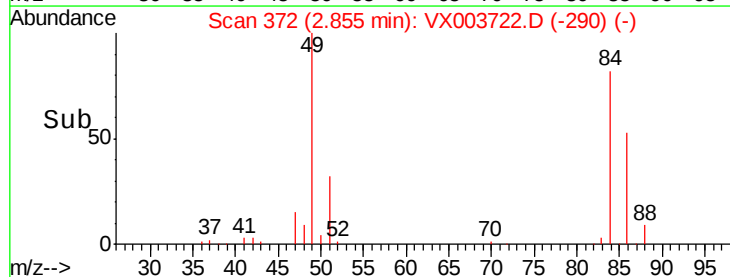
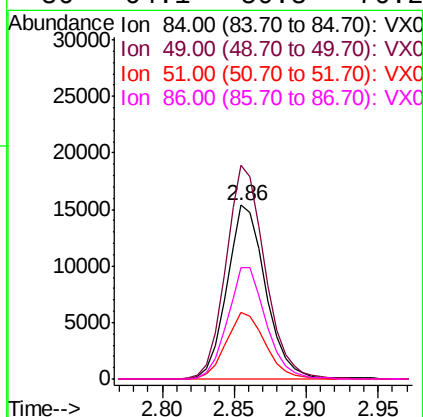
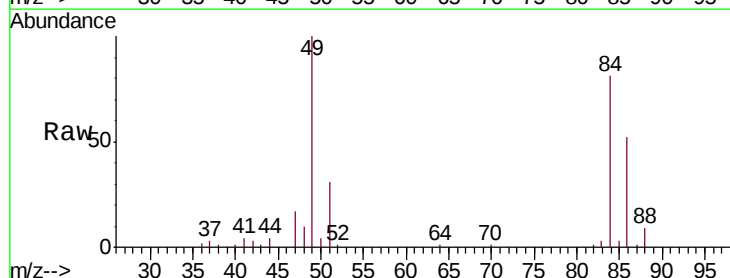
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

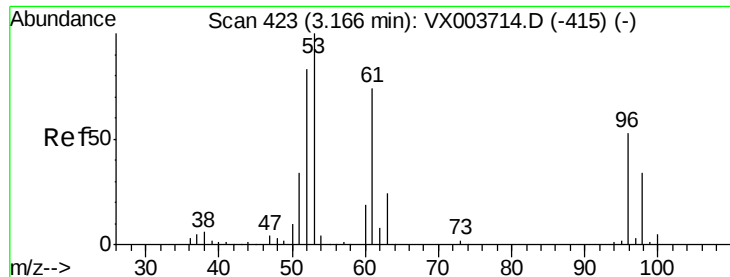
Tot Ion: 41 Resp: 48159
Ion Ratio Lower Upper
41 100
39 69.6 34.6 103.8
76 33.5 15.0 45.1



#18
Methylene Chloride
Concen: 18.70 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 84 Resp: 28793
Ion Ratio Lower Upper
84 100
49 122.5 104.7 157.1
51 38.4 31.0 46.4
86 64.1 50.8 76.2

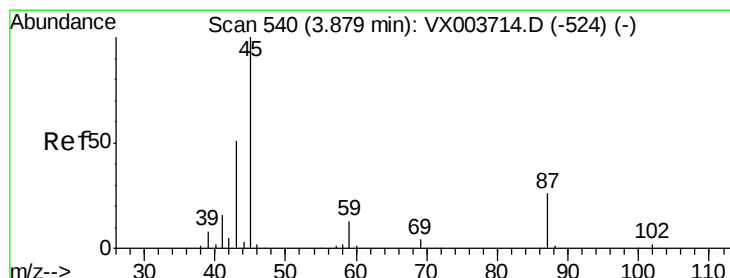
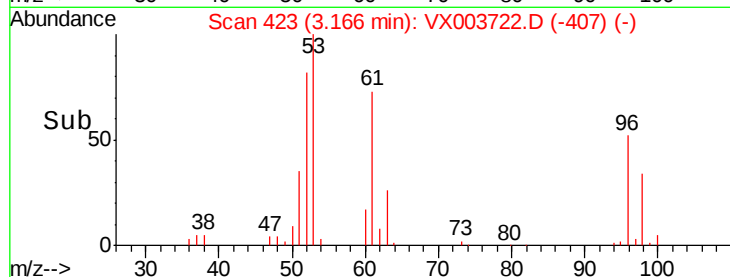
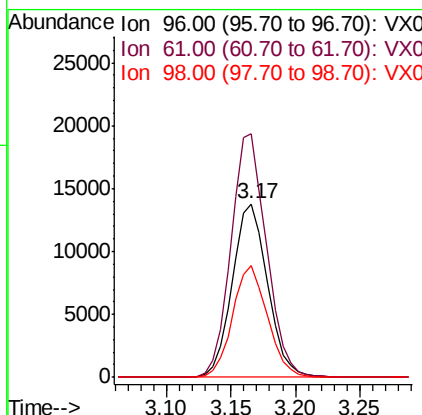
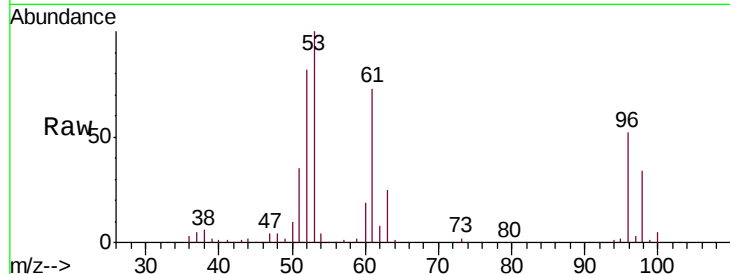




#19
trans-1,2-Dichloroethene
Concen: 18.75 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

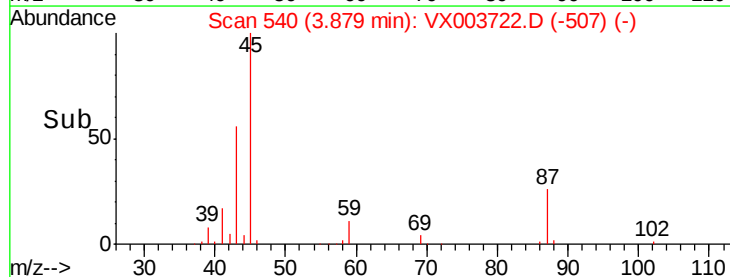
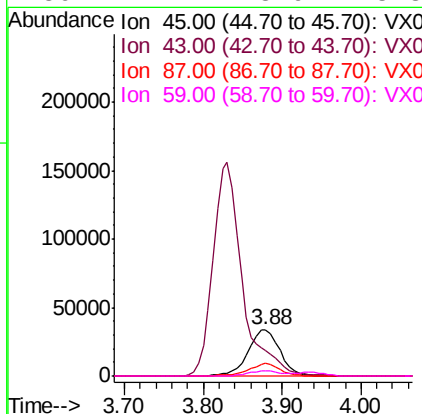
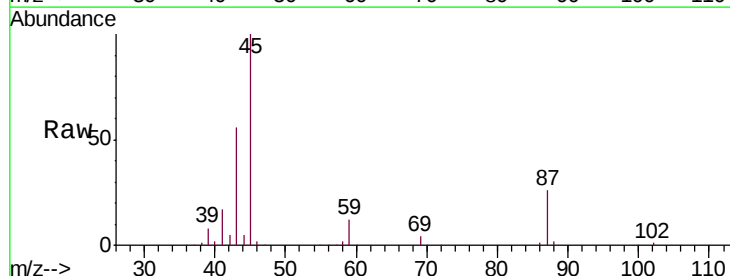
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

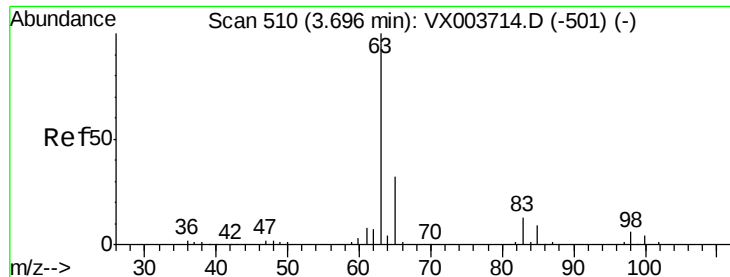
Tot Ion: 96 Resp: 26347
Ion Ratio Lower Upper
96 100
61 140.1 114.6 172.0
98 64.5 51.3 76.9



#20
Diisopropyl ether
Concen: 19.26 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 45 Resp: 95156
Ion Ratio Lower Upper
45 100
43 55.0 45.6 68.4
87 26.4 20.7 31.1
59 11.7 8.9 13.3





#21

1,1-Dichloroethane

Concen: 18.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

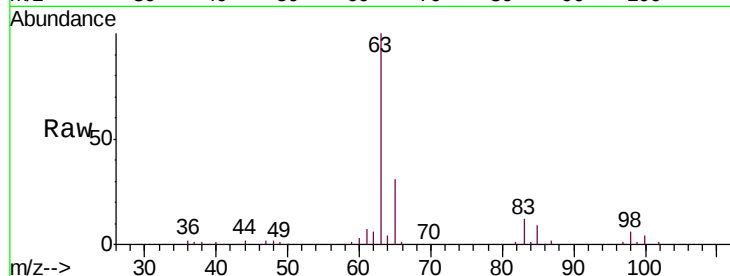
Tot Ion: 63 Resp: 52055

Ion Ratio Lower Upper

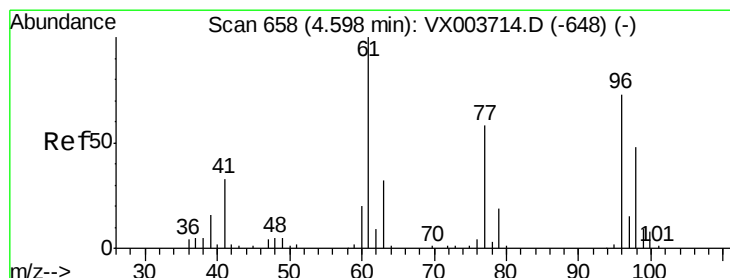
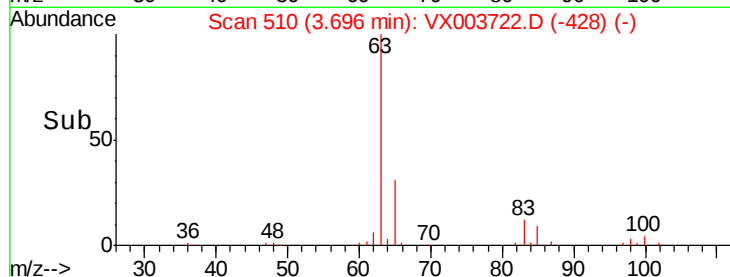
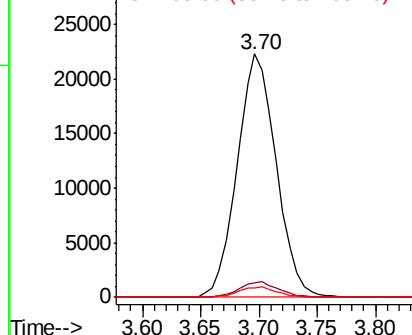
63 100

98 6.1 3.1 9.3

100 4.0 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: 19.69 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

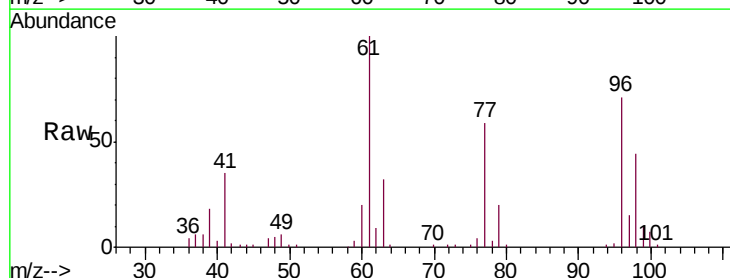
Tgt Ion: 96 Resp: 27942

Ion Ratio Lower Upper

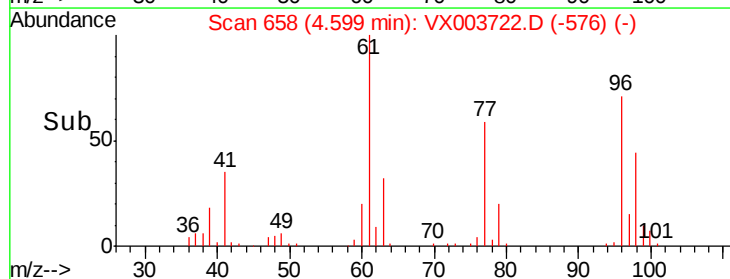
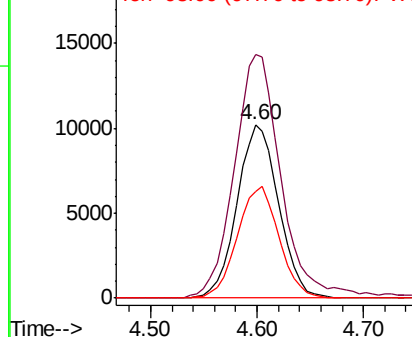
96 100

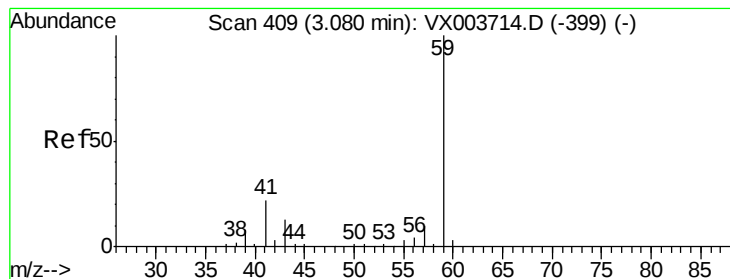
61 157.2 160.2 240.2#

98 64.5 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: 95.63 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

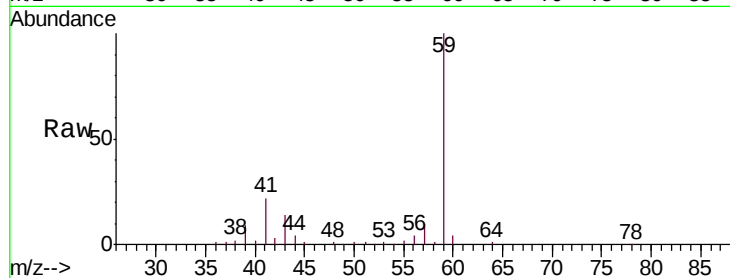
VX0727WBSD01

Tot Ion: 59 Resp: 38071

Ion Ratio Lower Upper

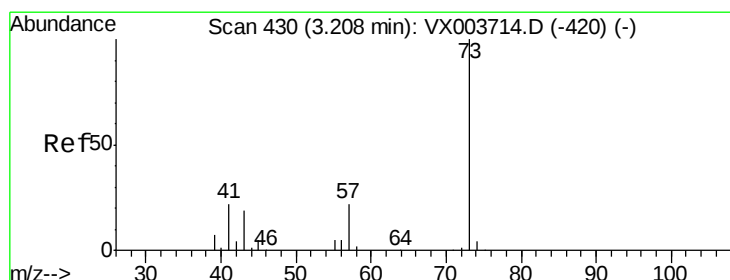
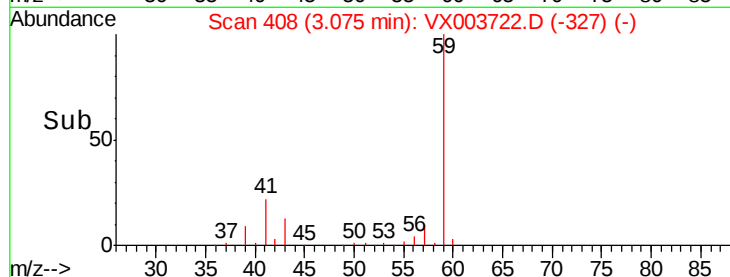
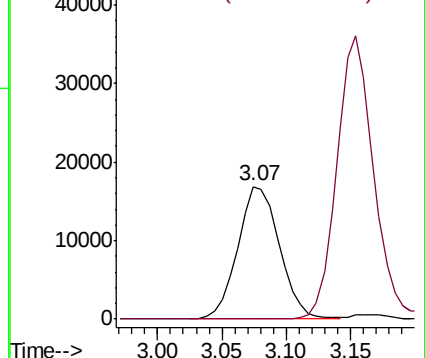
59 100

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: 18.82 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003722.D

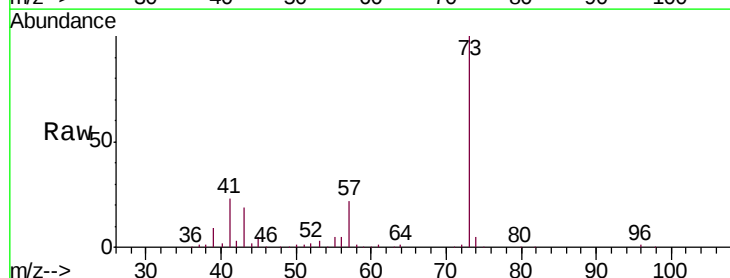
Acq: 27 Jul 2018 20:06

Tgt Ion: 73 Resp: 87758

Ion Ratio Lower Upper

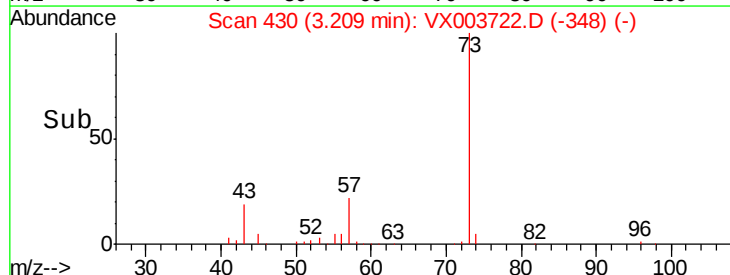
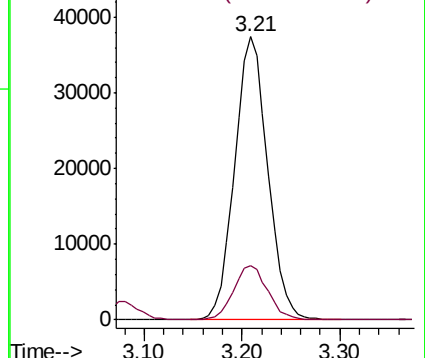
73 100

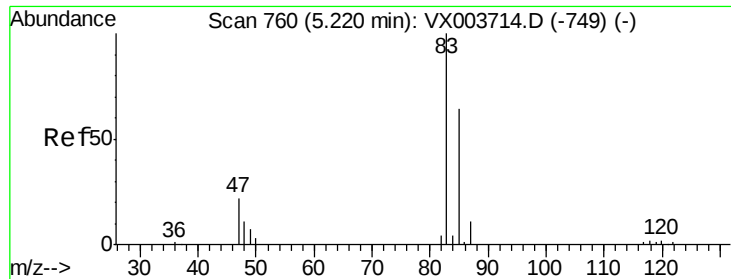
43 19.4 19.0 28.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

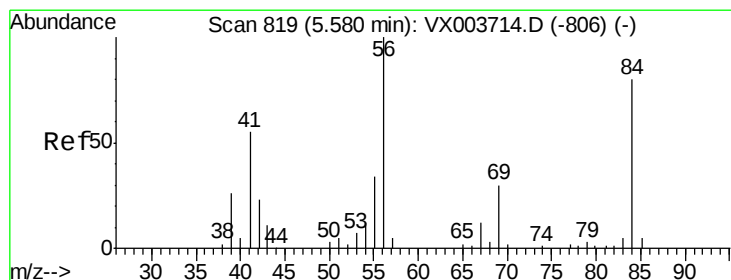
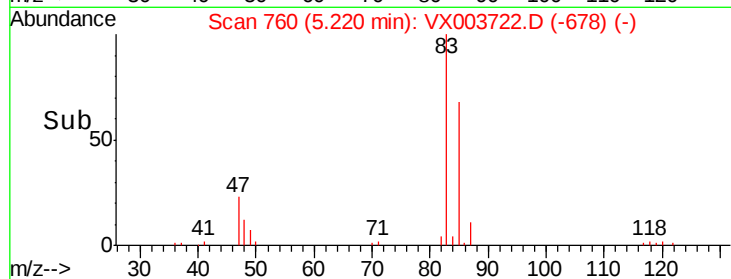
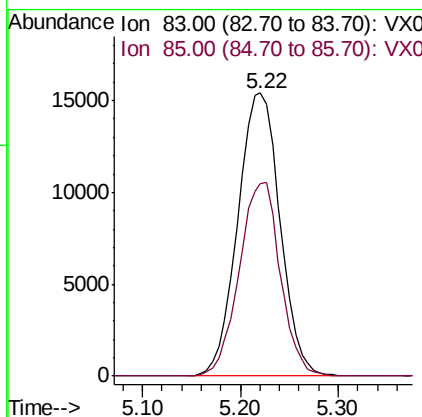
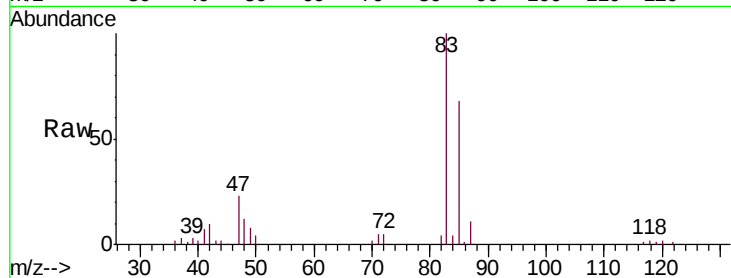




#25
Chloroform
Concen: 19.13 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

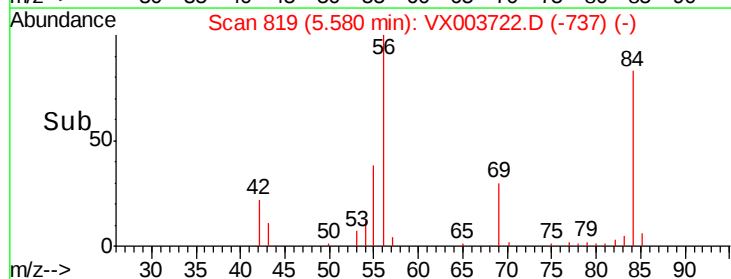
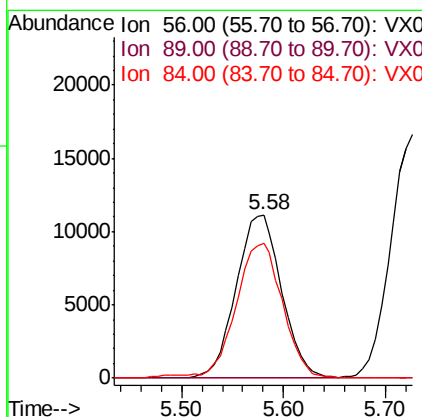
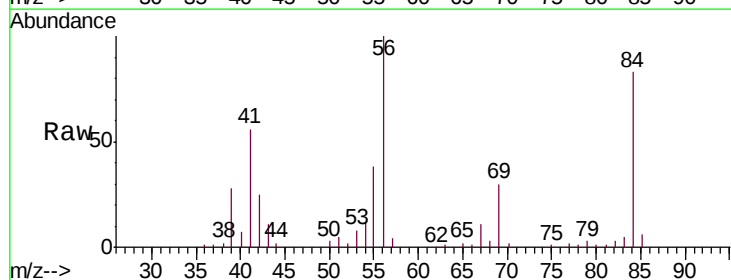
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

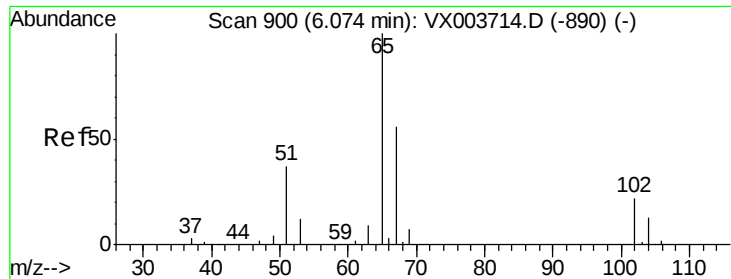
Tot Ion: 83 Resp: 46336
Ion Ratio Lower Upper
83 100
85 68.2 51.9 77.9



#26
Cyclohexane
Concen: 16.44 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 56 Resp: 34542
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.3 64.9 97.3

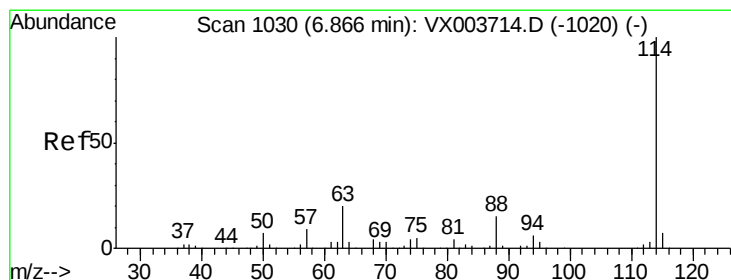
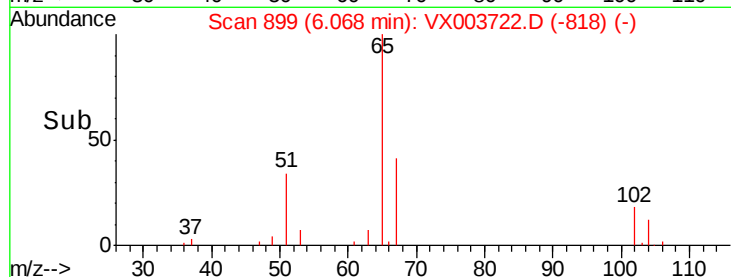
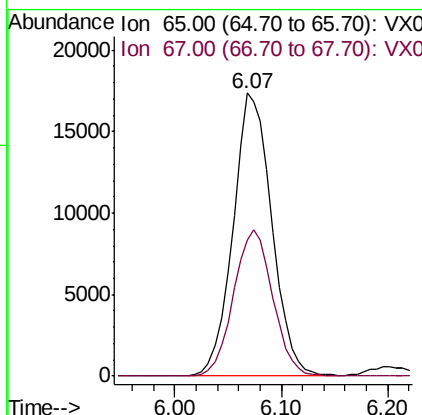
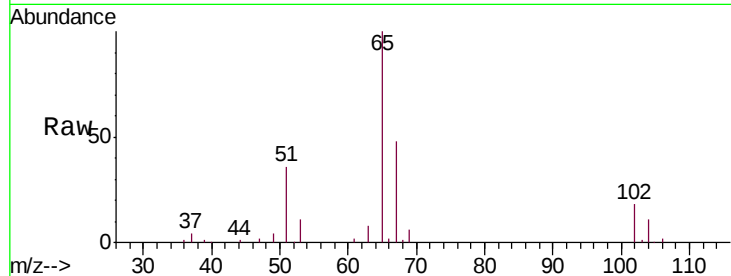




#27
 1,2-Dichloroethane-d4
 Concen: 26.61 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

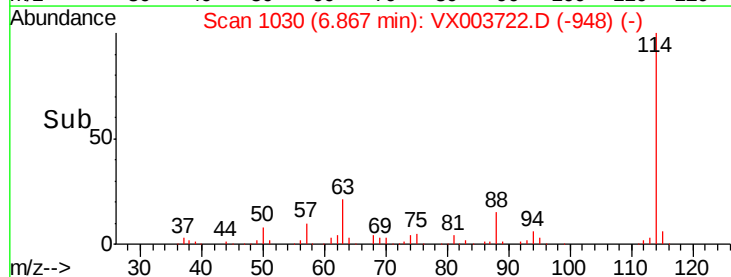
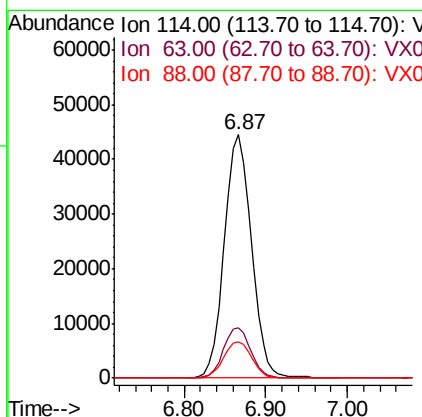
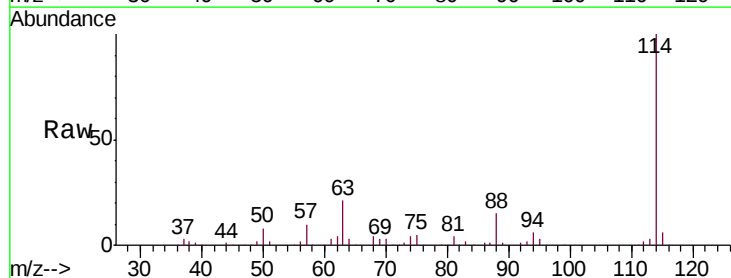
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

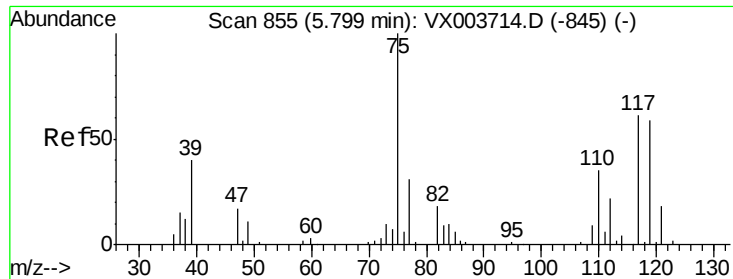
Tot Ion: 65 Resp: 44302
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 114 Resp: 102608
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.1 25.7
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.70 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

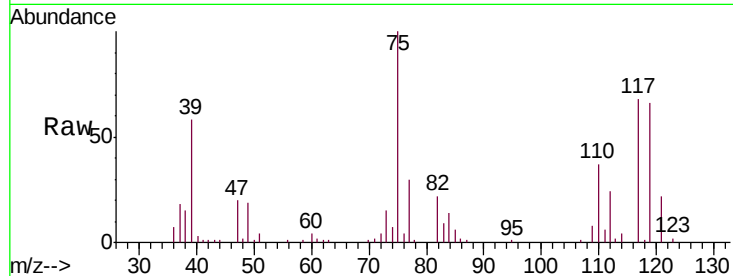
Tot Ion: 75 Resp: 29854

Ion Ratio Lower Upper

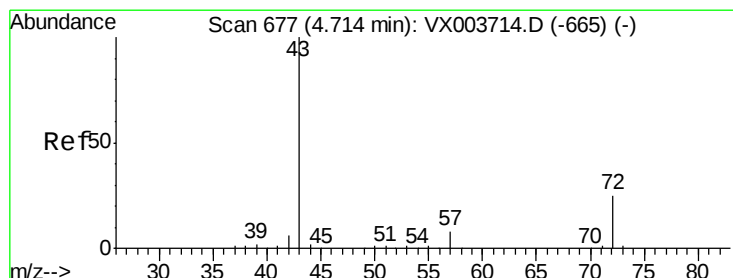
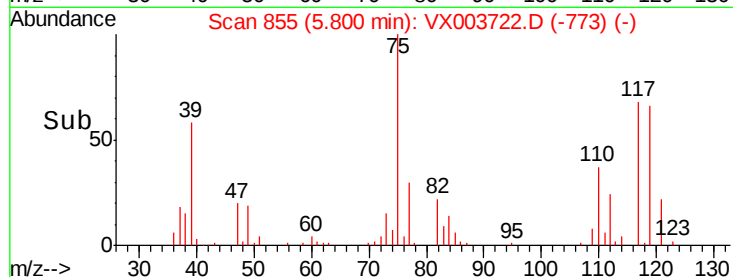
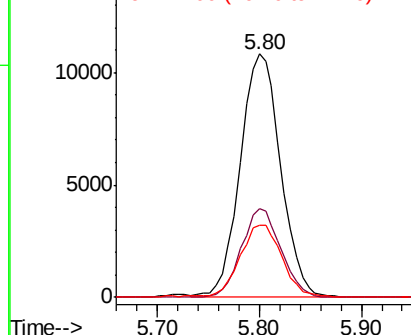
75 100

110 35.3 0.0 71.4

77 30.8 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 116.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

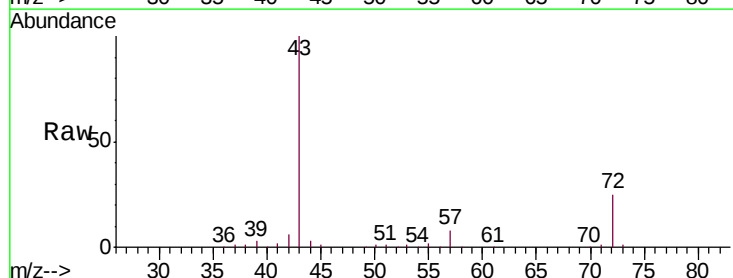
Tgt Ion: 43 Resp: 112976

Ion Ratio Lower Upper

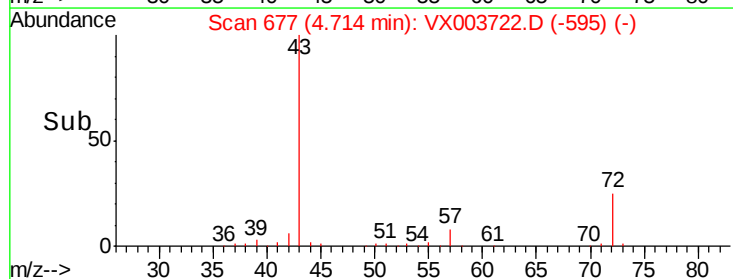
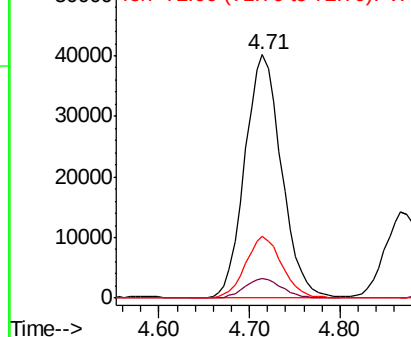
43 100

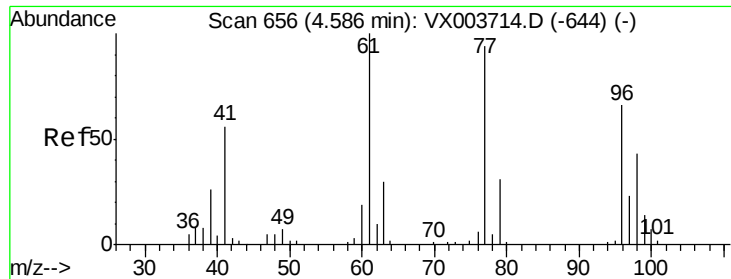
57 8.1 6.1 9.1

72 25.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

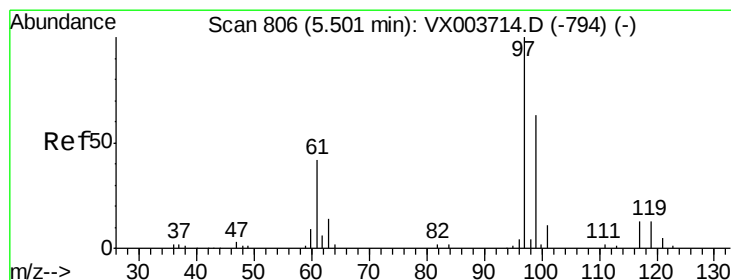
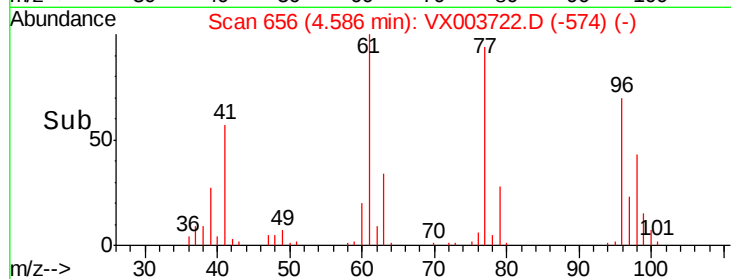
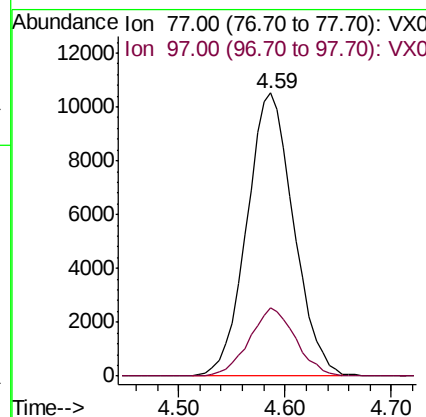
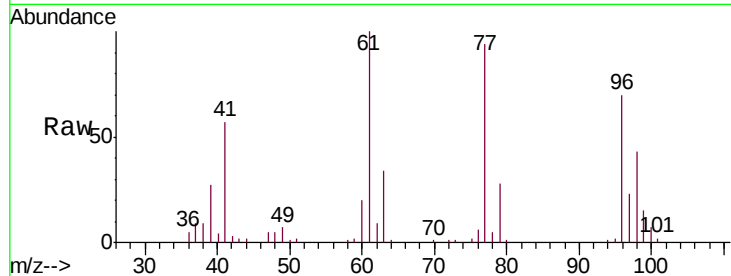




#31
 2,2-Dichloropropane
 Concen: 22.07 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

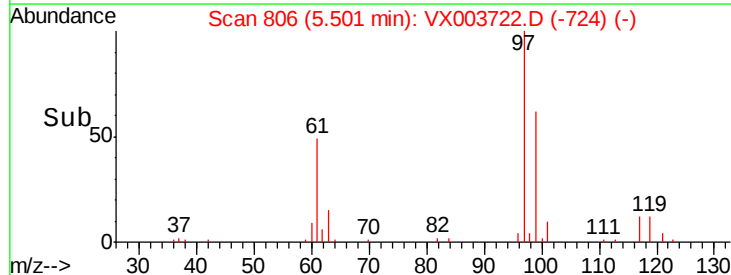
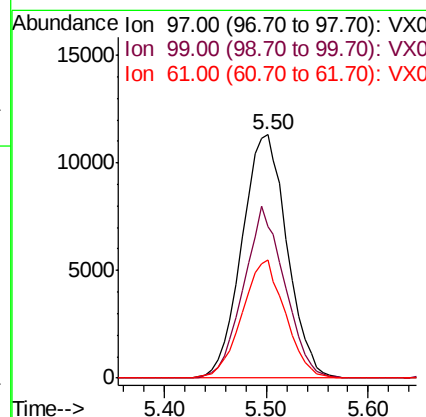
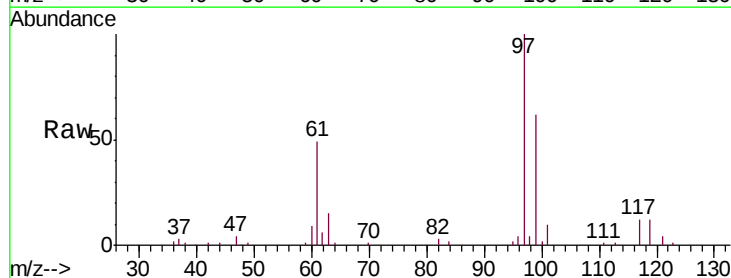
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

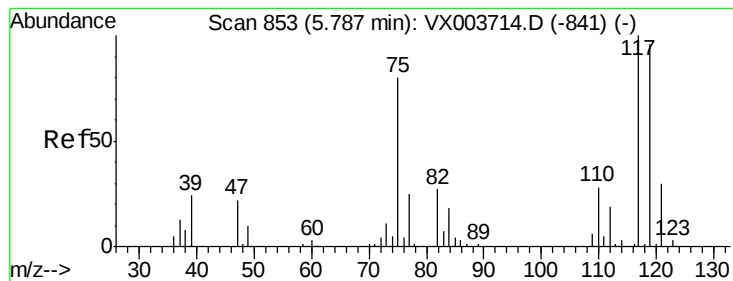
Tot Ion: 77 Resp: 32399
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 20.05 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 97 Resp: 34757
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.7 77.5
 61 46.4 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.54 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

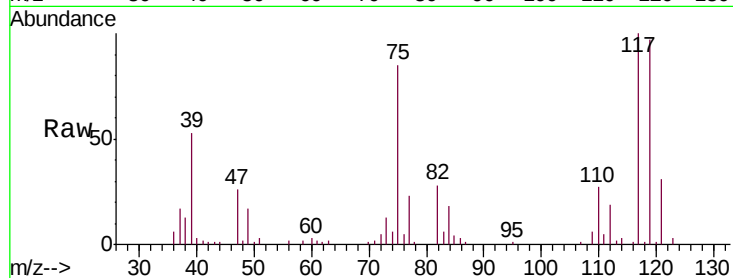
Tot Ion:117 Resp: 29435

Ion Ratio Lower Upper

117 100

119 96.7 73.3 109.9

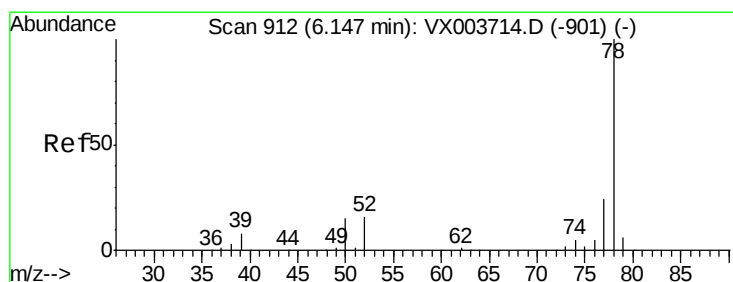
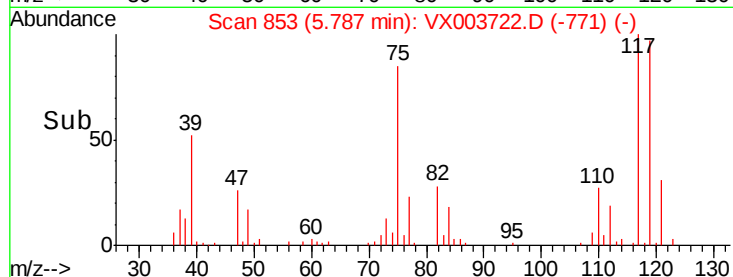
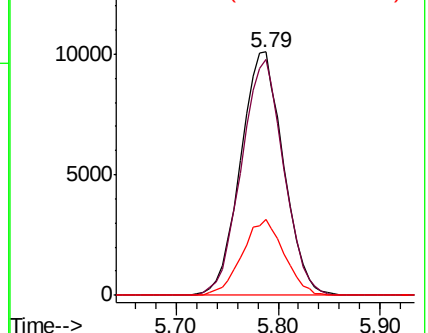
121 31.2 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.79 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

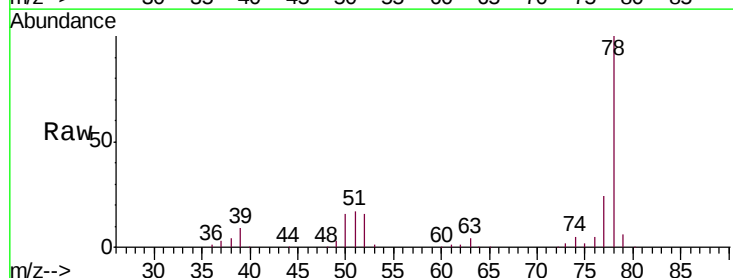
Tgt Ion: 78 Resp: 92124

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

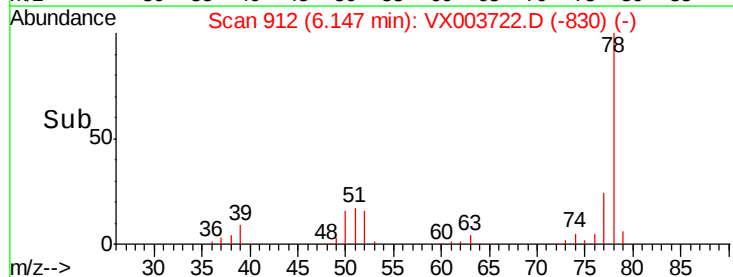
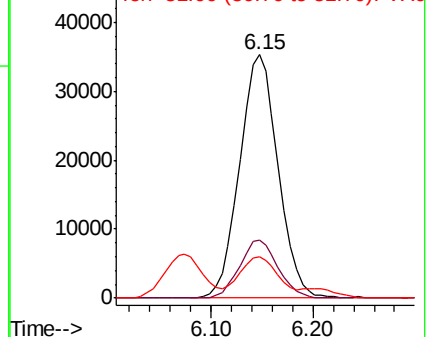
51 15.7 13.8 20.6

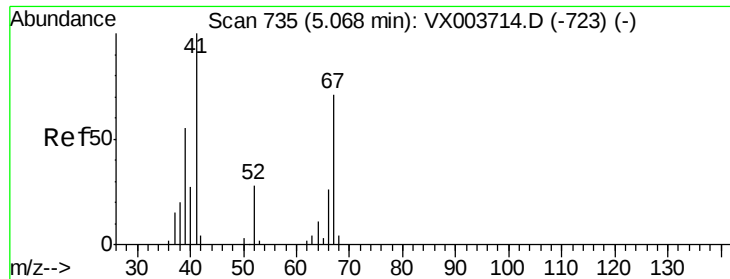


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

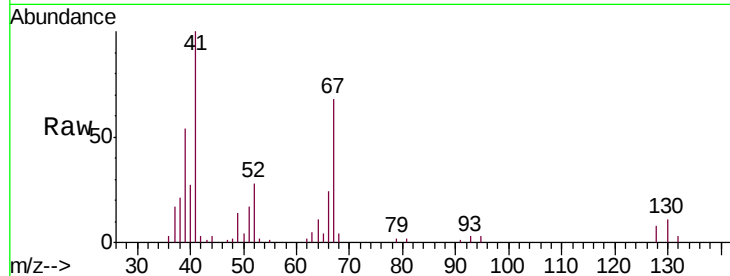




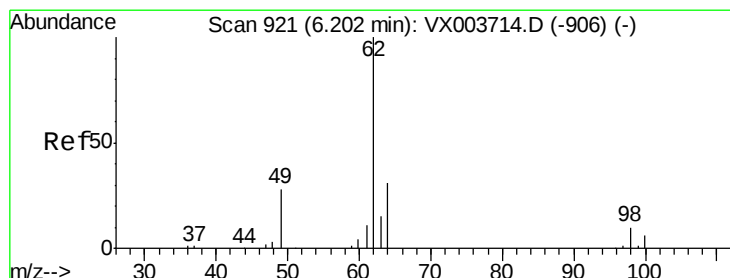
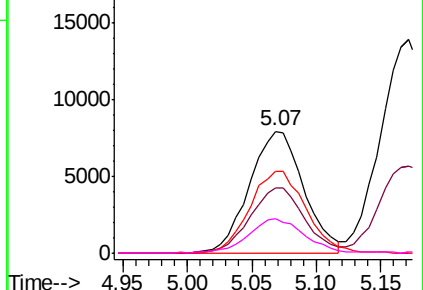
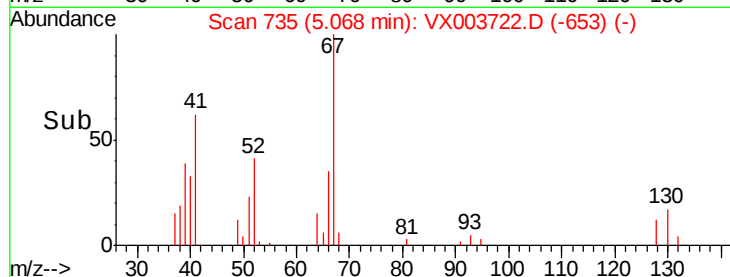
#35
Methacrylonitrile
Concen: 23.11 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Tot Ion:	41	Resp:	23236
Ion	Ratio	Lower	Upper
41	100		
39	53.9	28.8	86.5
67	67.6	30.4	91.2
52	27.9	13.0	39.0

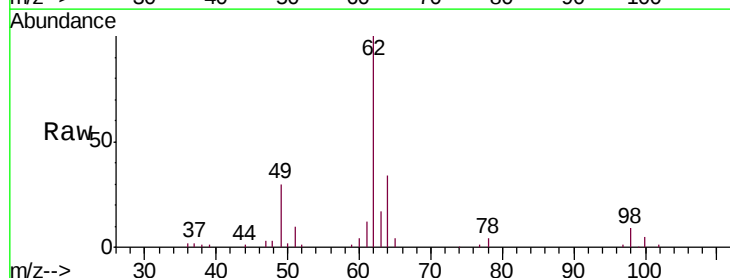


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

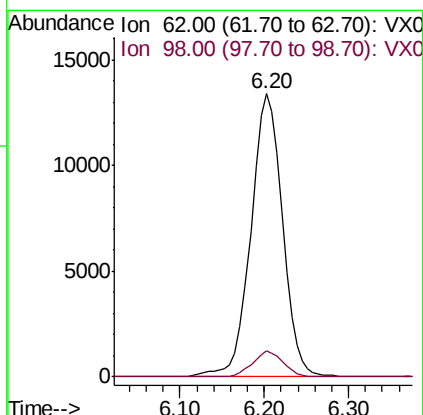
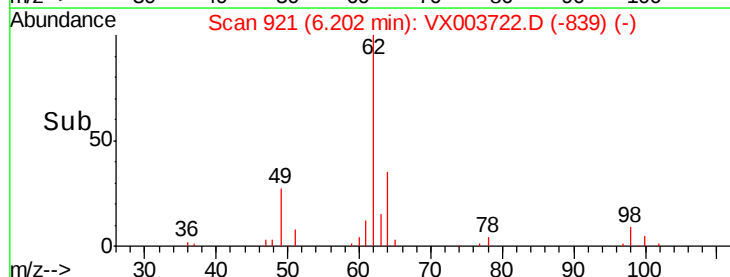


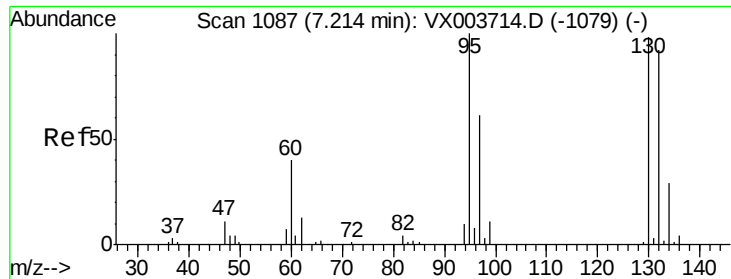
#36
1,2-Dichloroethane
Concen: 20.69 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion:	62	Resp:	34616
Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.5	9.7



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

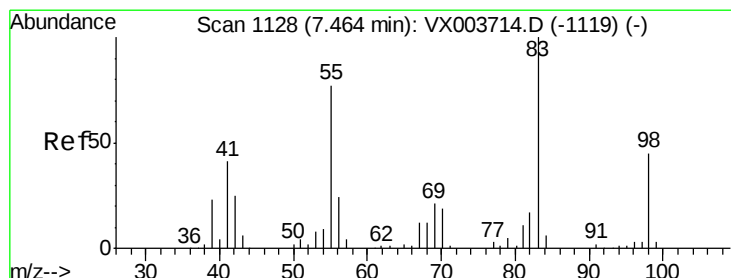
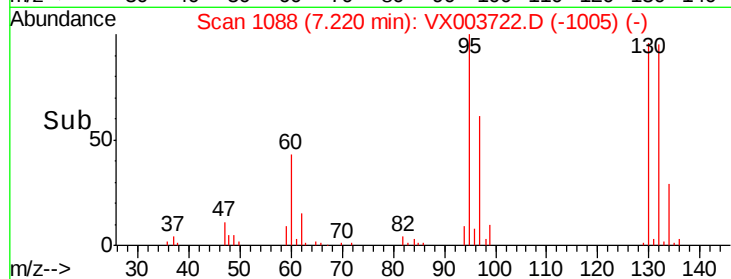
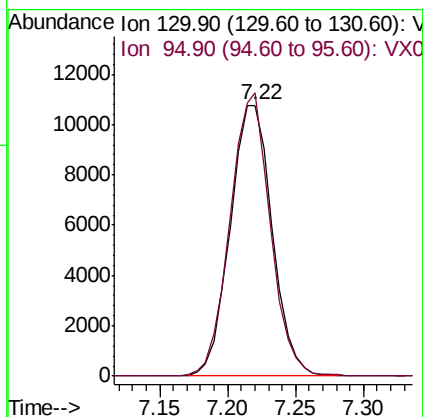
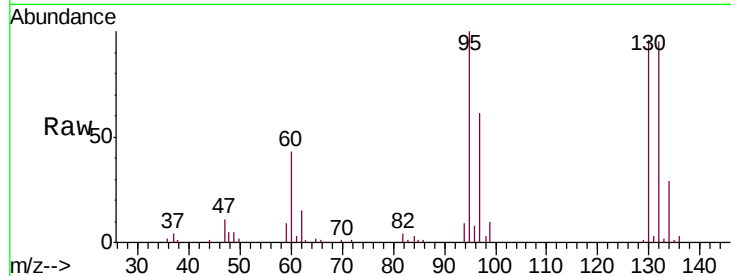




#37
 Trichloroethene
 Concen: 19.12 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

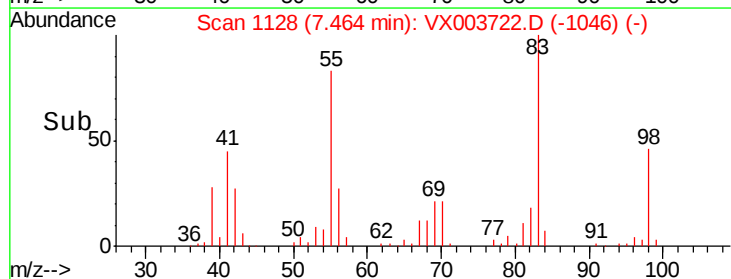
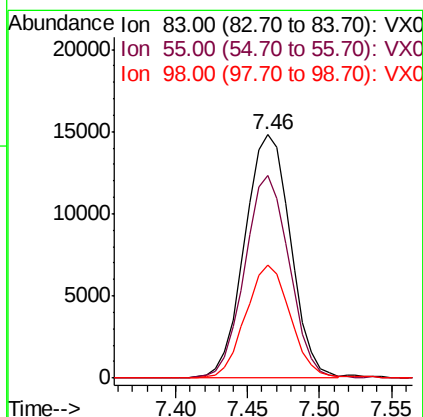
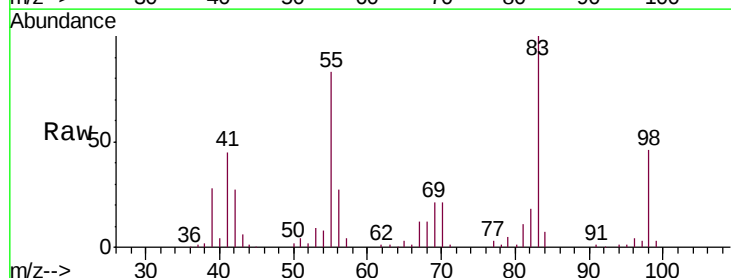
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

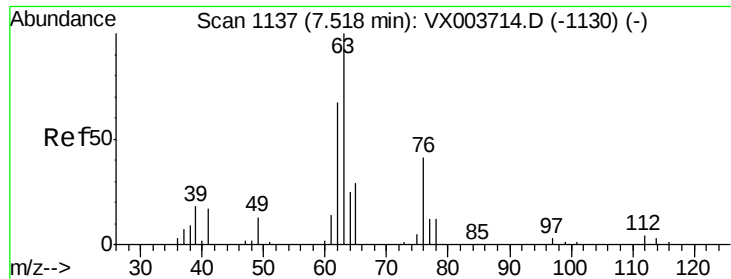
Tot Ion:130 Resp: 23198
 Ion Ratio Lower Upper
 130 100
 95 104.1 81.5 122.3



#38
 Methylcyclohexane
 Concen: 19.00 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 83 Resp: 32722
 Ion Ratio Lower Upper
 83 100
 55 80.9 40.6 121.8
 98 45.2 23.5 70.5

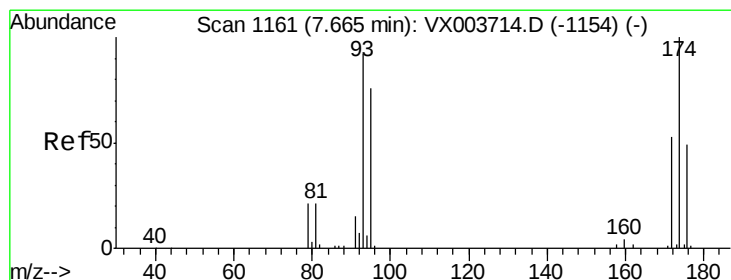
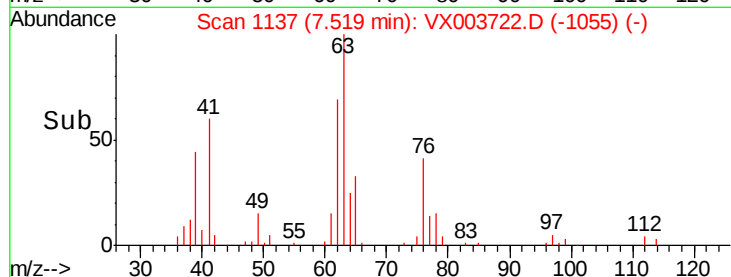
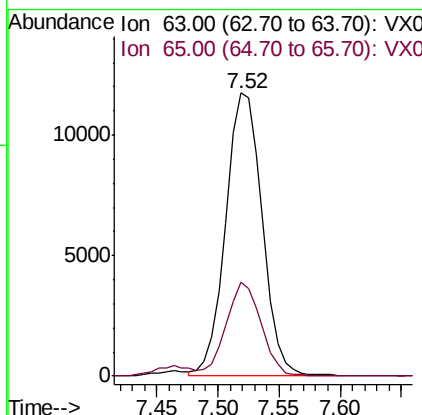
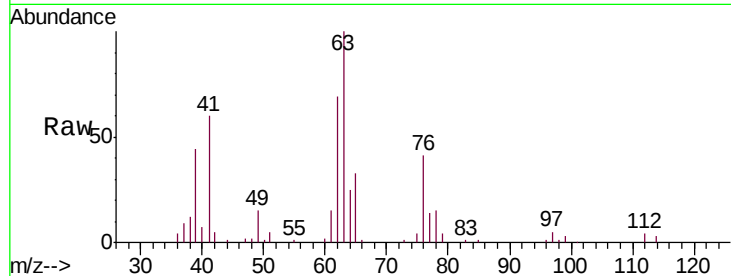




#39
 1,2-Dichloropropane
 Concen: 19.76 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

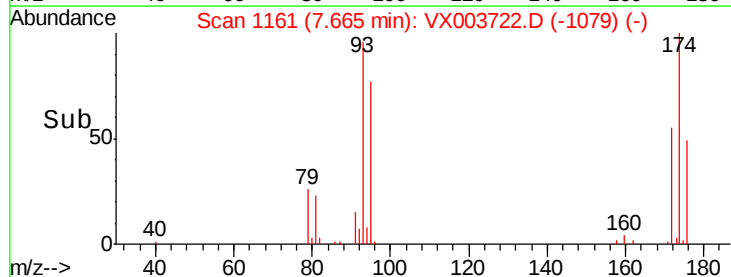
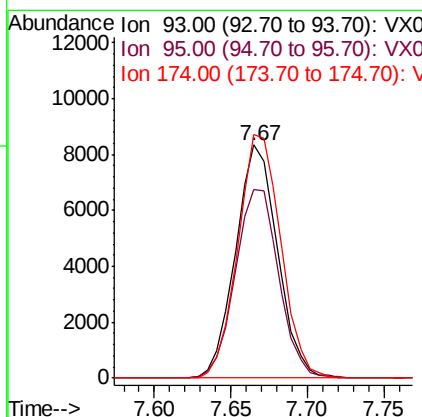
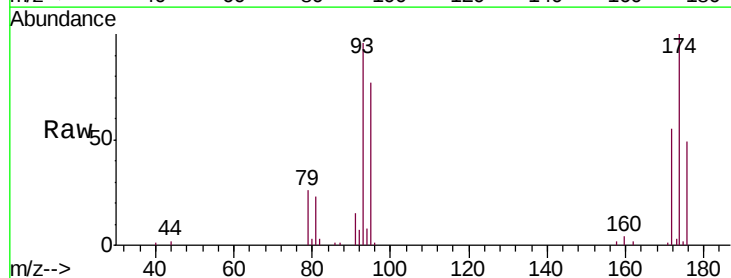
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

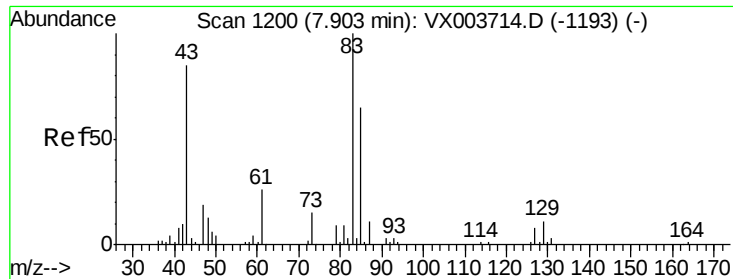
Tot Ion: 63 Resp: 24310
 Ion Ratio Lower Upper
 63 100
 65 33.3 23.3 34.9



#40
 Dibromomethane
 Concen: 19.99 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 93 Resp: 15914
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 162.6
 174 106.5 0.0 229.4





#41

Bromodichloromethane

Concen: 19.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

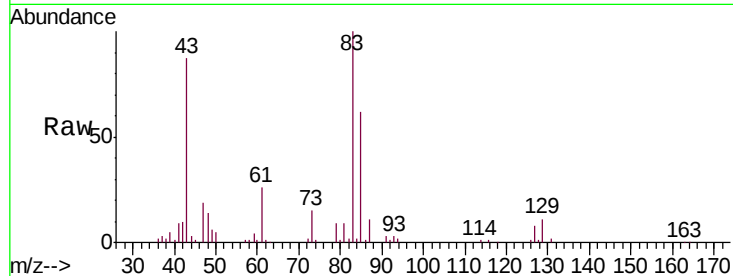
Tot Ion: 83 Resp: 29569

Ion Ratio Lower Upper

83 100

85 62.0 49.8 74.8

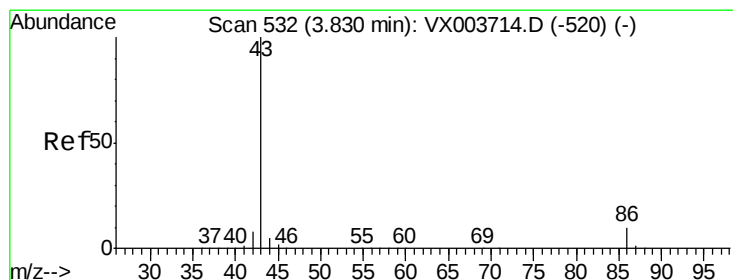
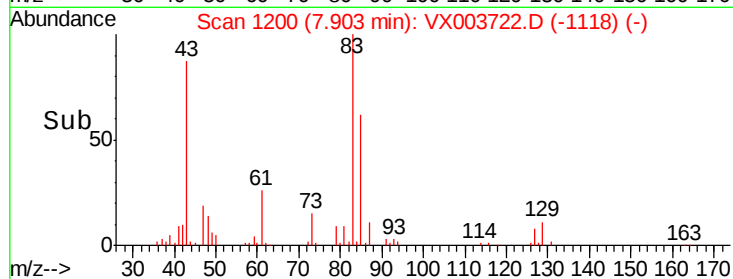
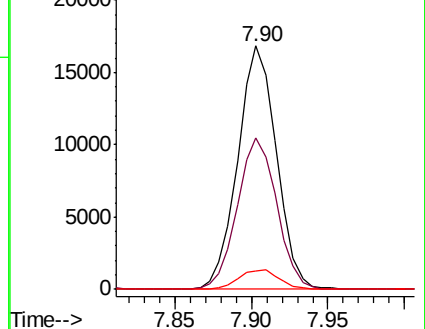
127 7.8 7.3 10.9



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: 108.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003722.D

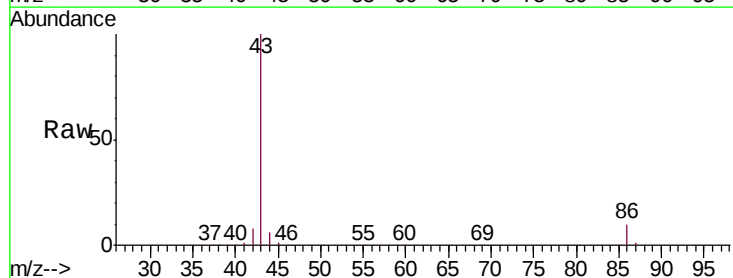
Acq: 27 Jul 2018 20:06

Tgt Ion: 43 Resp: 402752

Ion Ratio Lower Upper

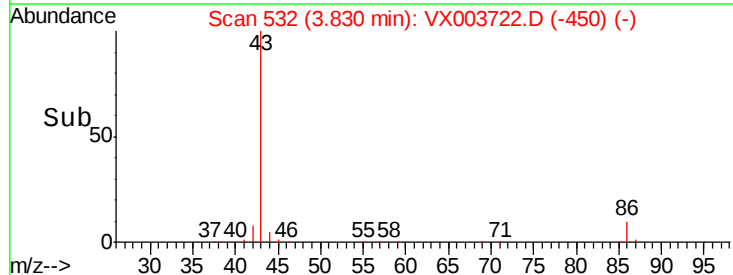
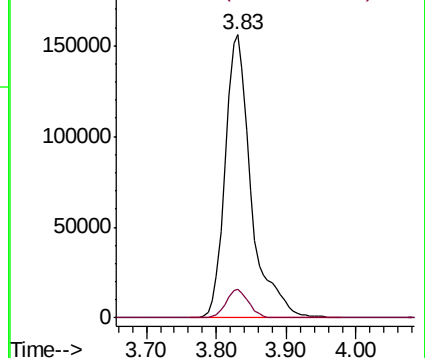
43 100

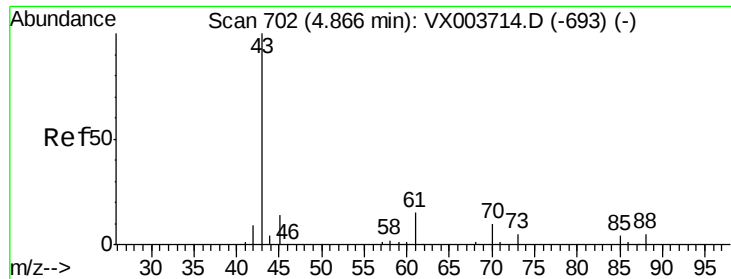
86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 23.16 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

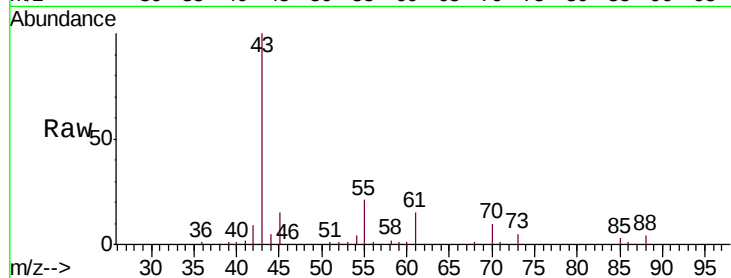
VX0727WBSD01

Tot Ion: 43 Resp: 41864

Ion Ratio Lower Upper

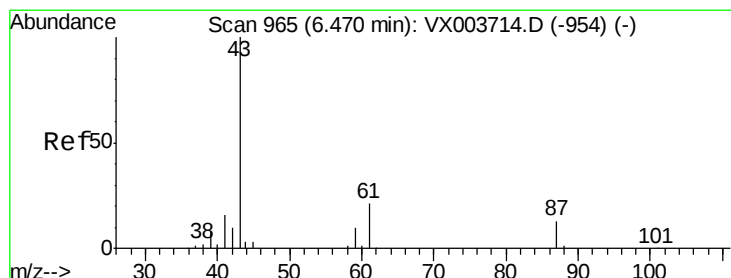
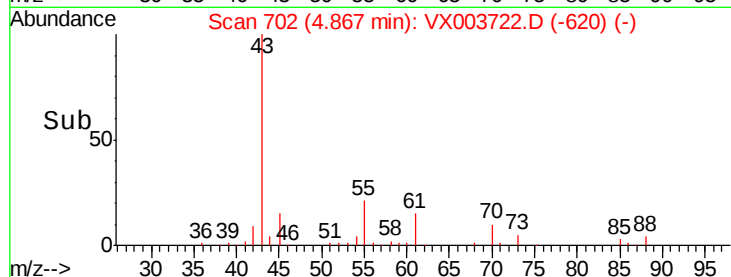
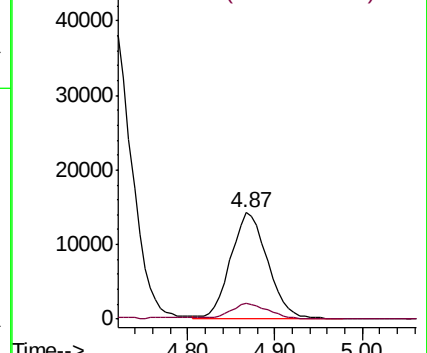
43 100

45 15.2 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: 19.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003722.D

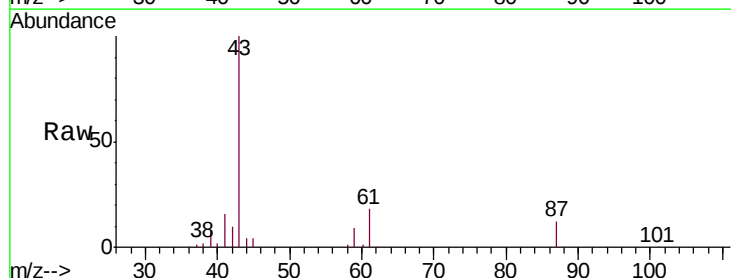
Acq: 27 Jul 2018 20:06

Tgt Ion: 43 Resp: 55154

Ion Ratio Lower Upper

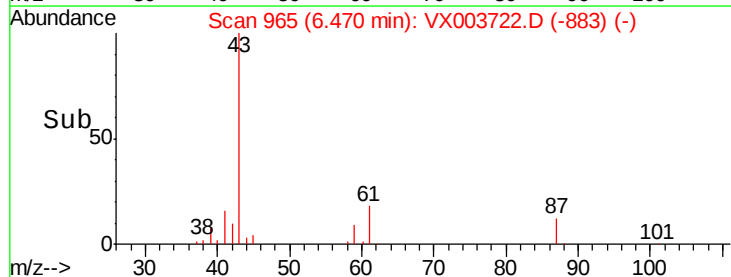
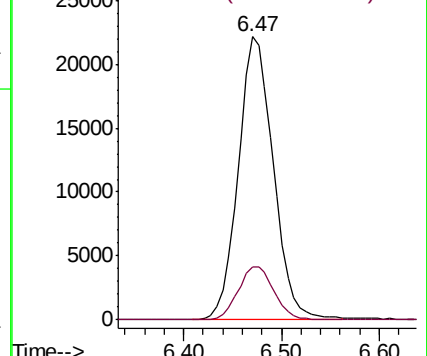
43 100

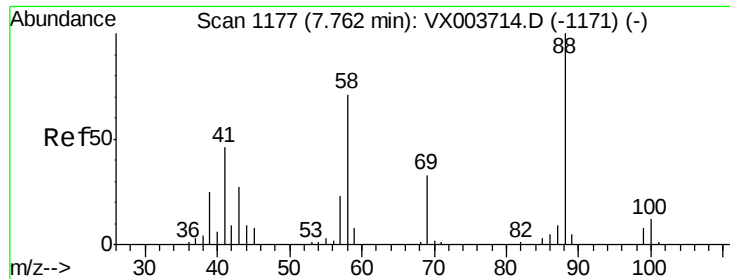
61 19.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

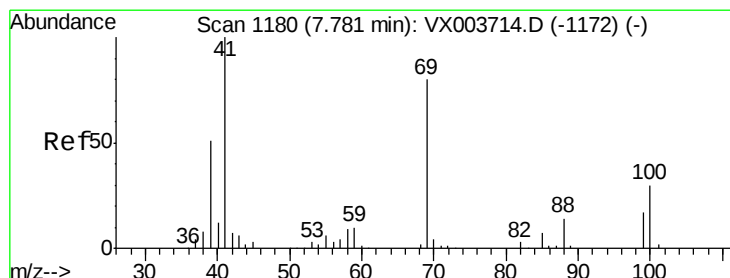
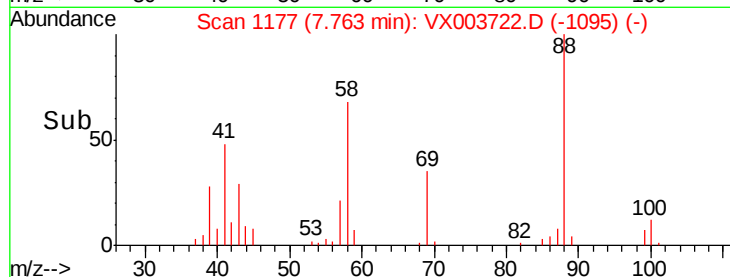
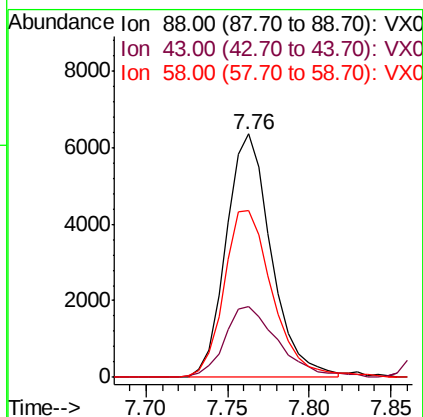
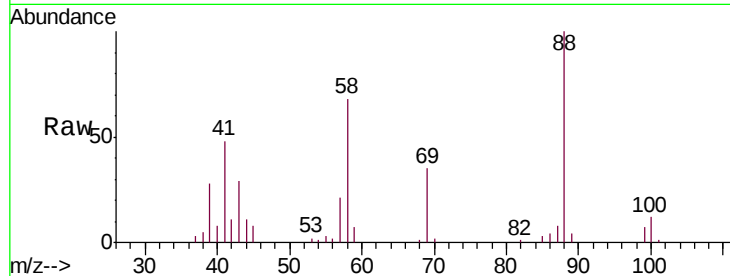




#45
 1,4-Dioxane
 Concen: 397.11 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

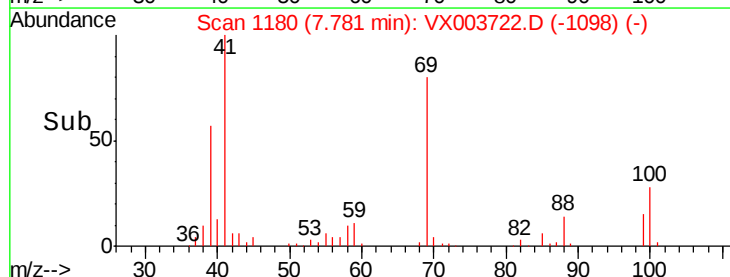
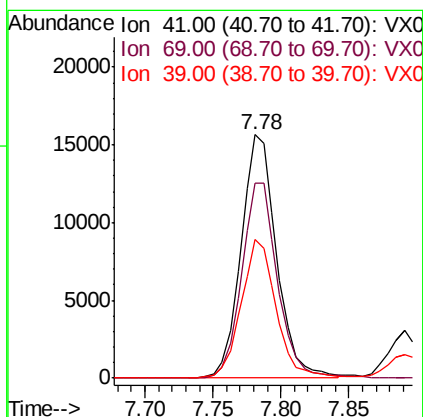
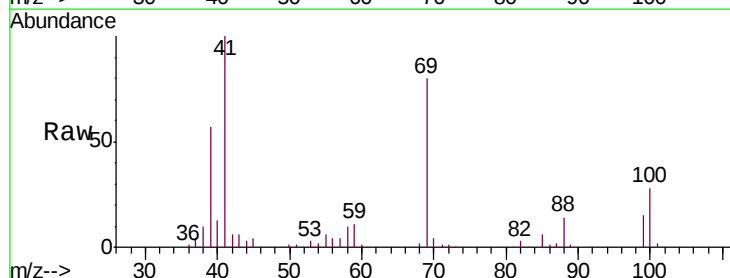
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

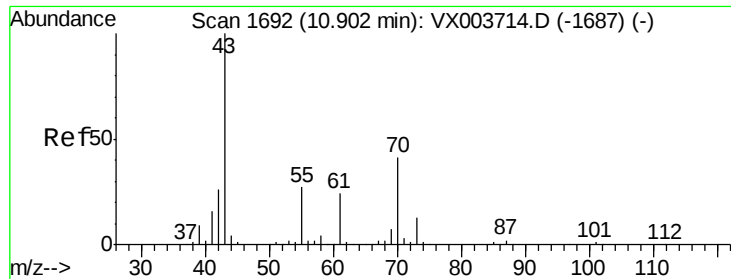
Tot Ion: 88 Resp: 12226
 Ion Ratio Lower Upper
 88 100
 43 34.6 43.2 64.8#
 58 73.4 60.2 90.2



#46
 Methyl methacrylate
 Concen: 19.94 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 41 Resp: 28524
 Ion Ratio Lower Upper
 41 100
 69 79.8 37.0 110.9
 39 56.8 29.6 88.9

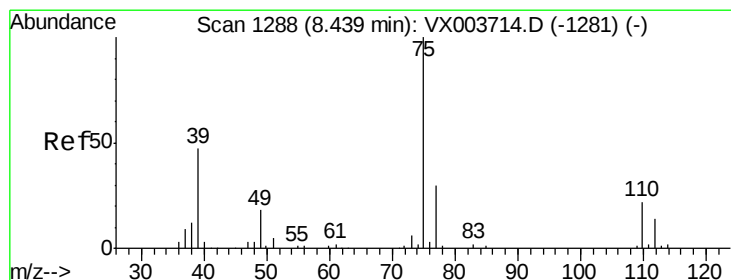
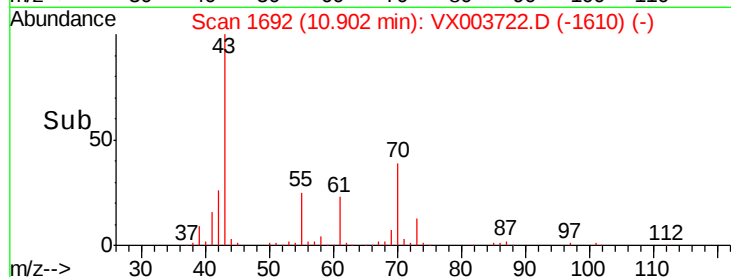
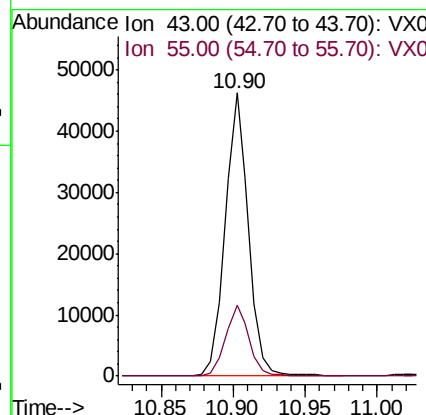
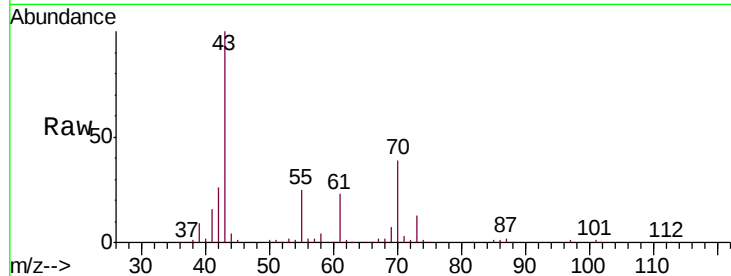




#47
n-amvl Acetate
Concen: 20.02 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

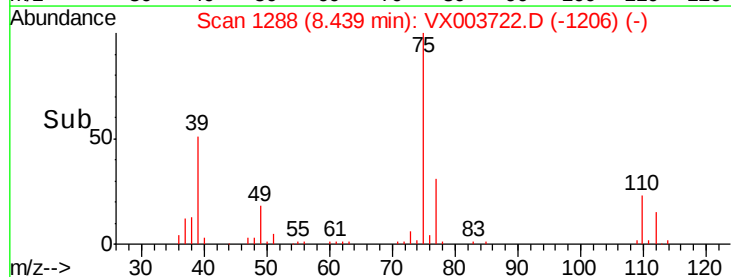
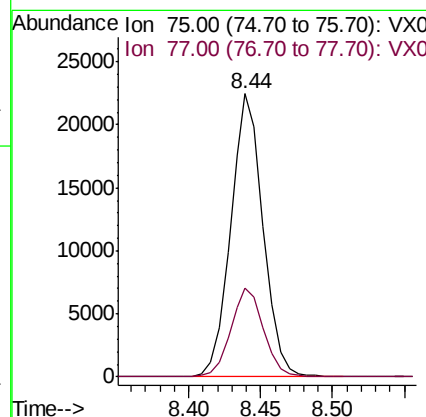
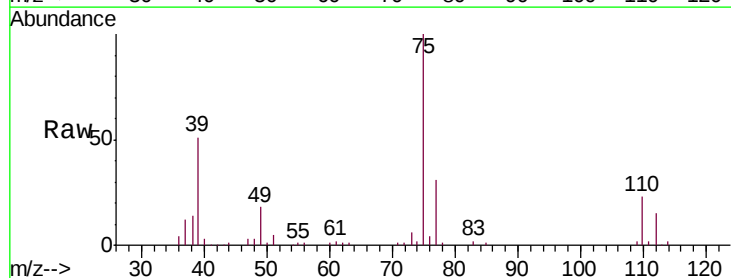
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

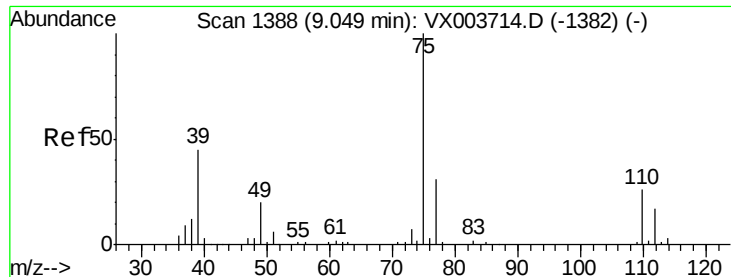
Tot Ion: 43 Resp: 52387
Ion Ratio Lower Upper
43 100
55 25.5 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 75 Resp: 35135
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4



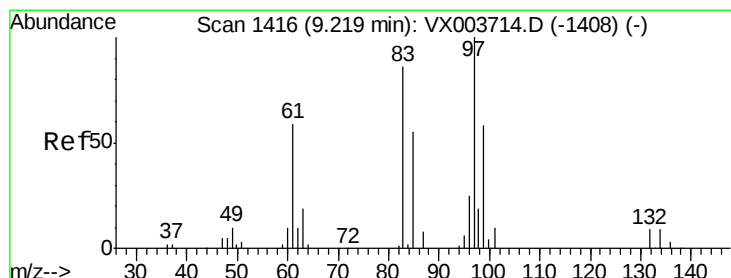
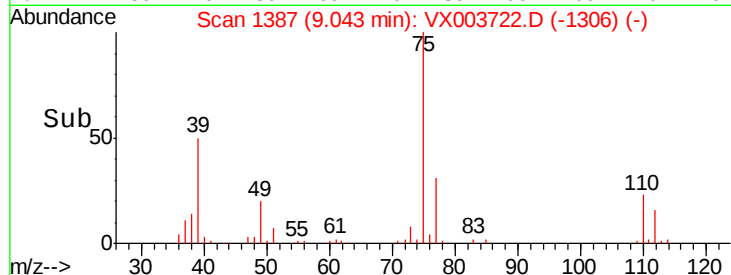
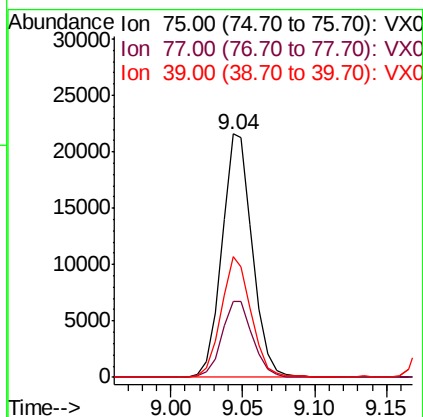
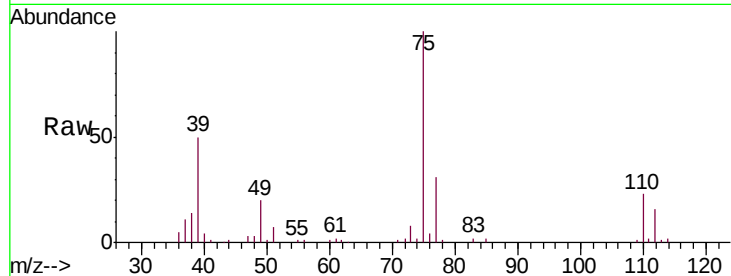


#49

cis-1,3-Dichloropropene
 Concen: 18.40 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

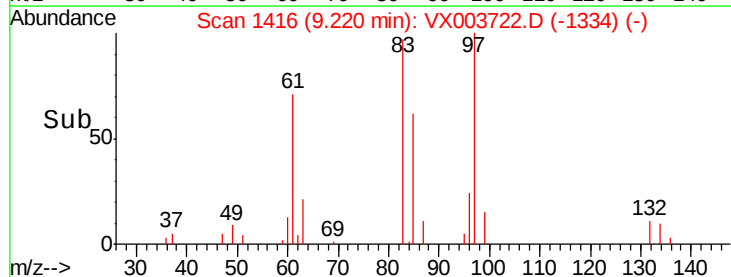
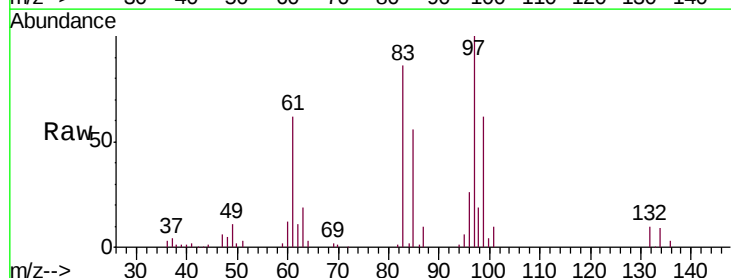
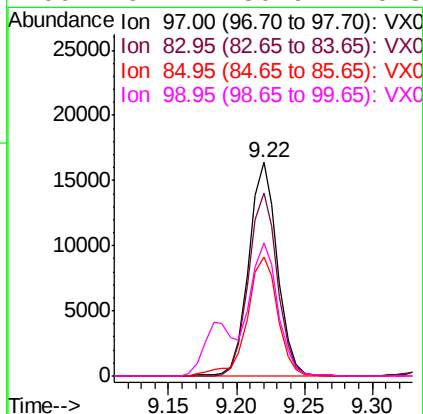
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2
39	49.6	42.3	63.5

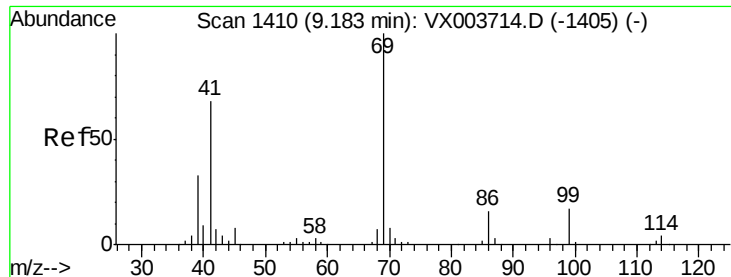


#50

1,1,2-Trichloroethane
 Concen: 19.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.8	106.2
85	55.8	43.5	65.3
99	62.1	50.9	76.3

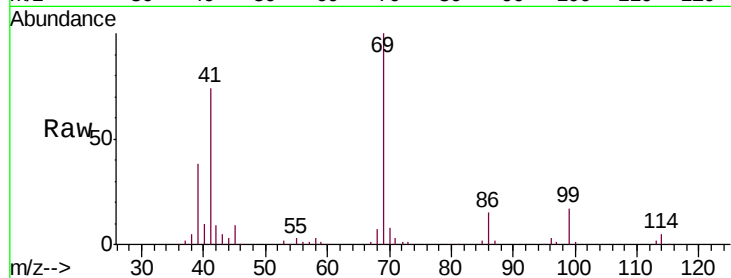




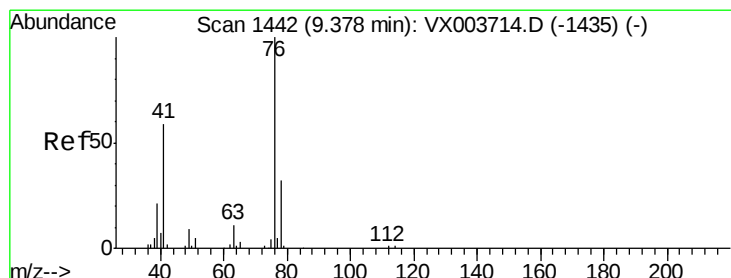
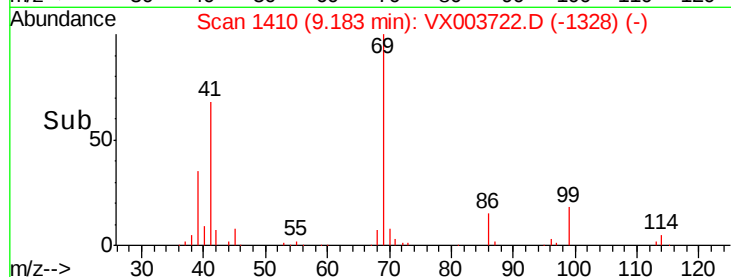
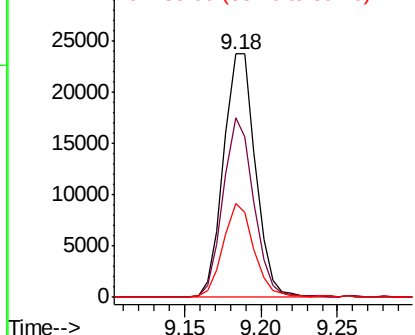
#51
Ethyl methacrylate
Concen: 18.22 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Tot Ion: 69 Resp: 34671
Ion Ratio Lower Upper
69 100
41 73.4 39.1 117.3
39 38.2 21.7 65.1

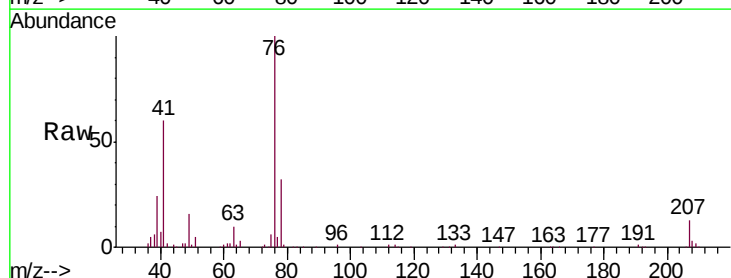


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

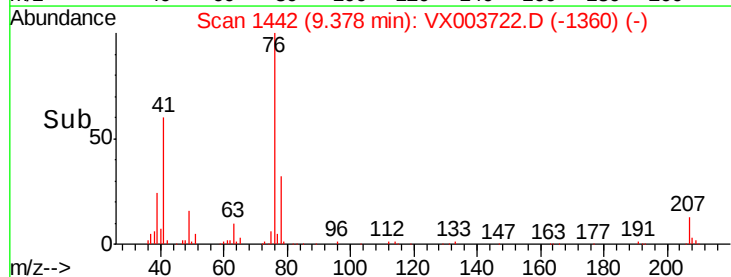
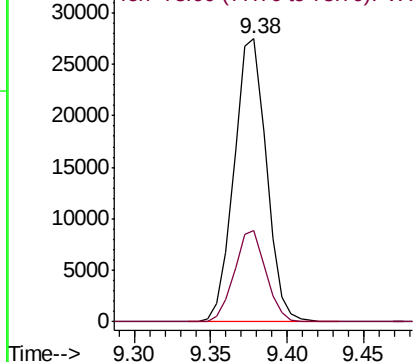


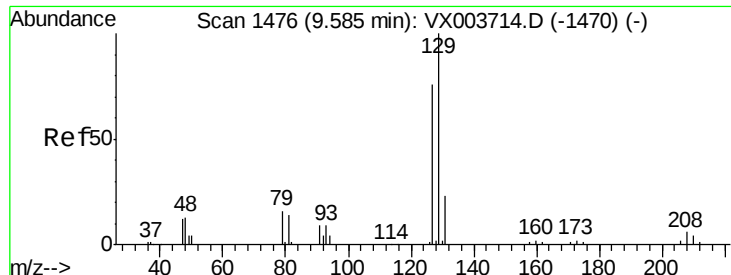
#52
1,3-Dichloropropane
Concen: 19.19 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 76 Resp: 40353
Ion Ratio Lower Upper
76 100
78 31.6 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: 17.88 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

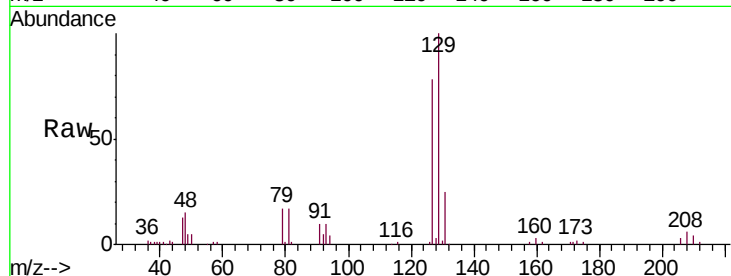
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Tot Ion:129 Resp: 22192

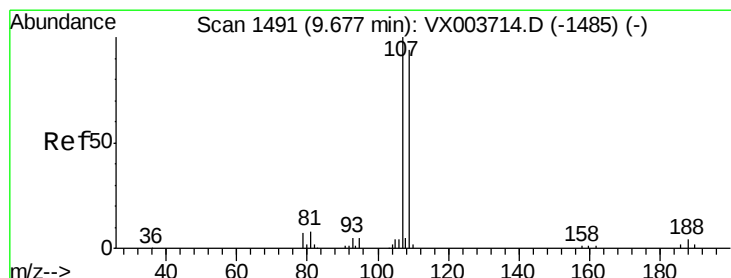
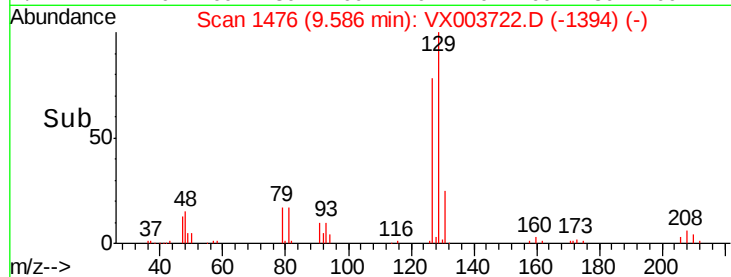
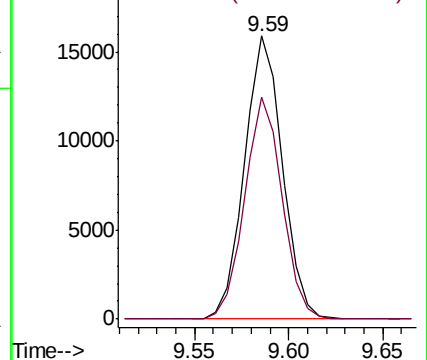
Ion Ratio Lower Upper

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: 18.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003722.D

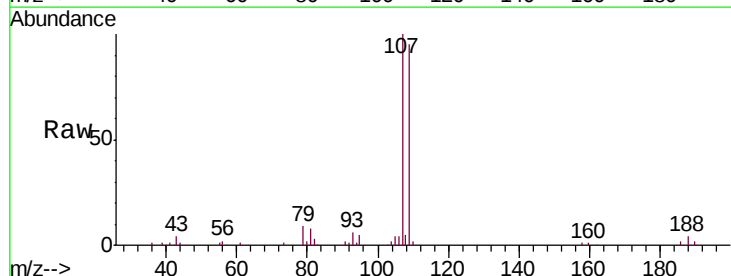
Acq: 27 Jul 2018 20:06

Tgt Ion:107 Resp: 24572

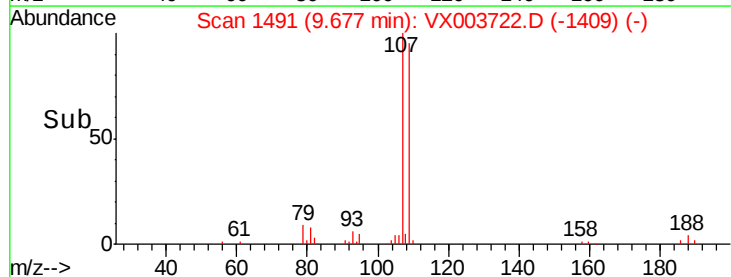
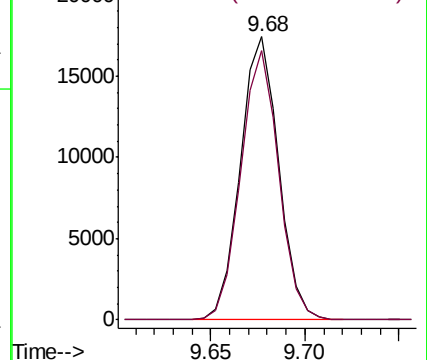
Ion Ratio Lower Upper

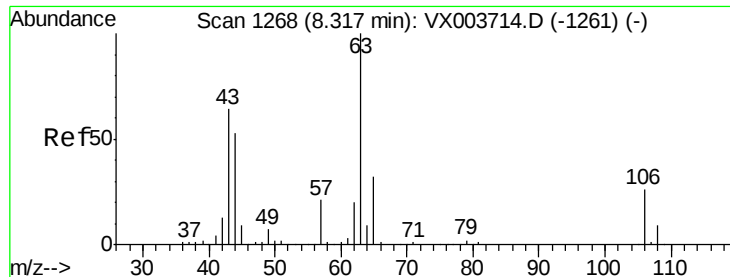
107 100

109 94.1 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: 98.03 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

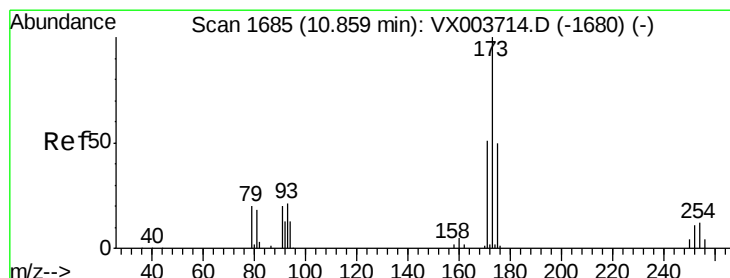
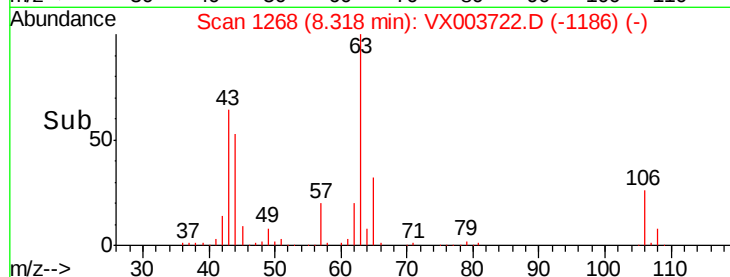
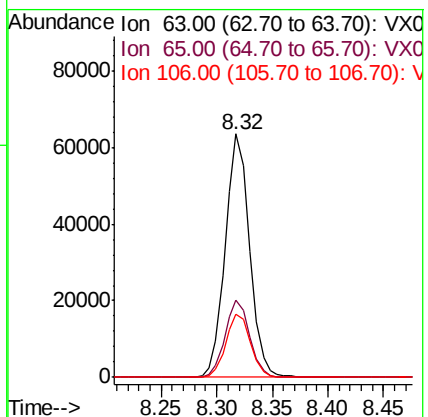
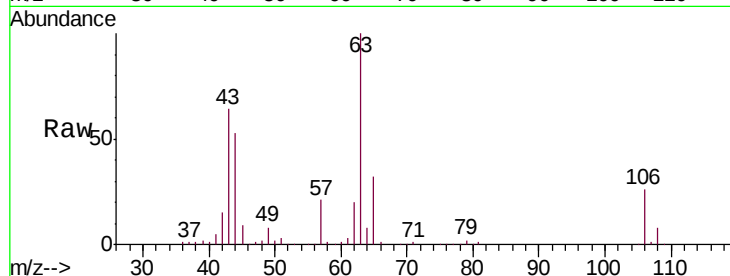
Tot Ion: 63 Resp: 96217

Ion Ratio Lower Upper

63 100

65 31.8 25.6 38.4

106 26.5 21.6 32.4



#56

Bromoform

Concen: 19.09 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

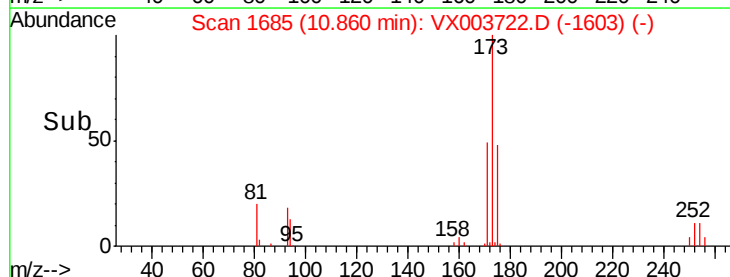
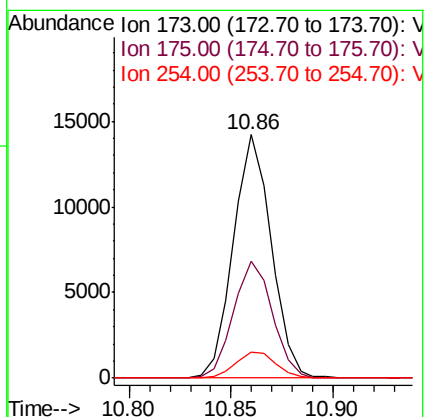
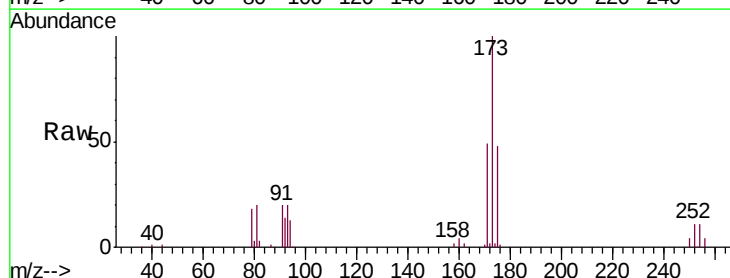
Tgt Ion: 173 Resp: 18389

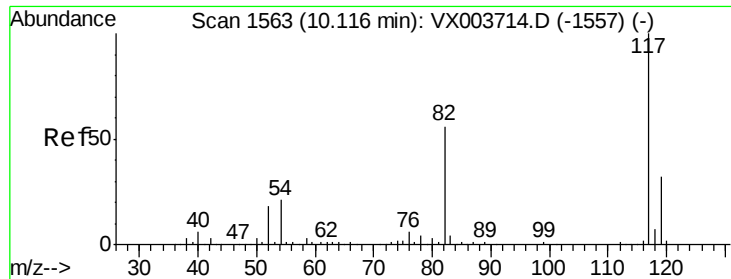
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

254 11.5 9.6 14.4

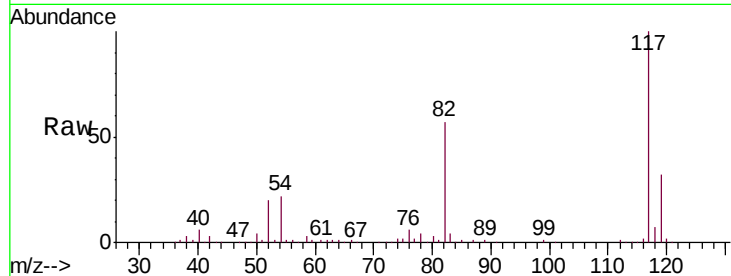




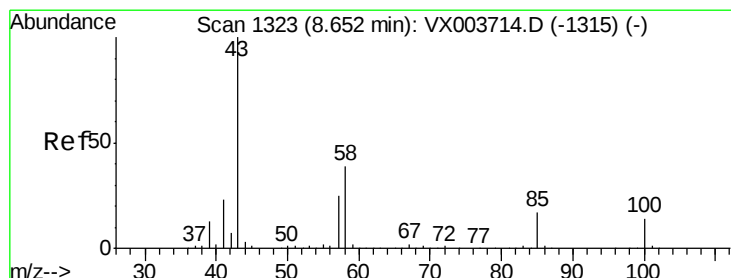
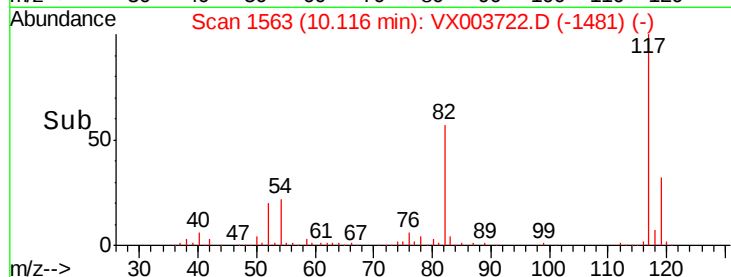
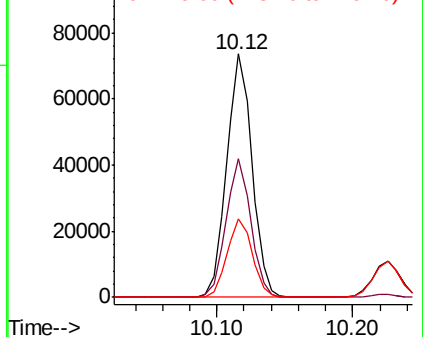
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Tot Ion:117 Resp: 95213
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.1 25.7 38.5

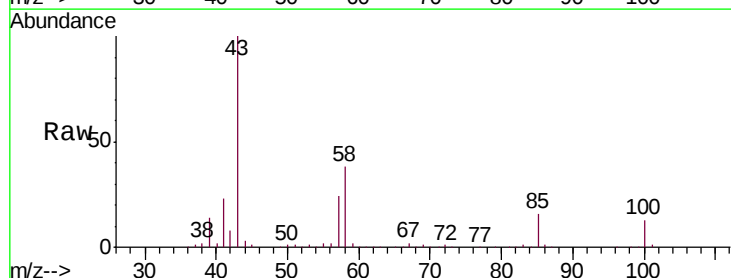


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

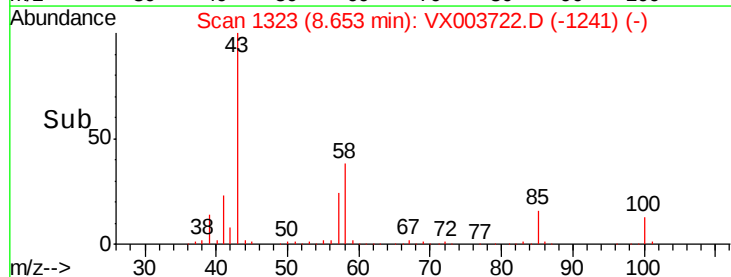
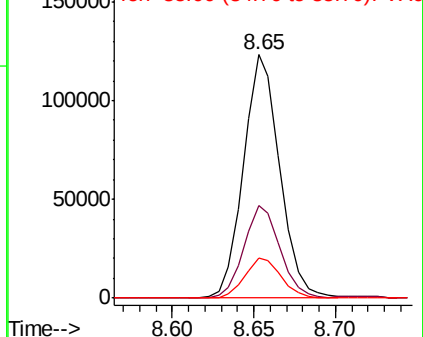


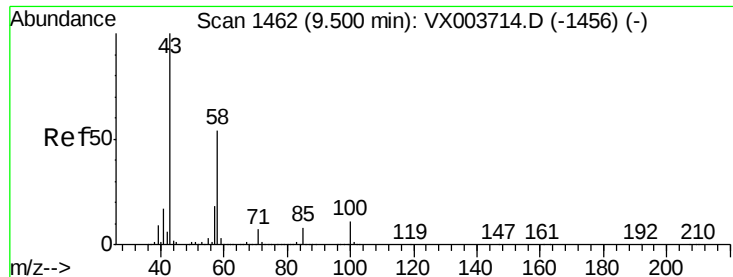
#58
4-Methyl-2-Pentanone
Concen: 106.14 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 43 Resp: 190824
Ion Ratio Lower Upper
43 100
58 37.8 28.2 42.4
85 16.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

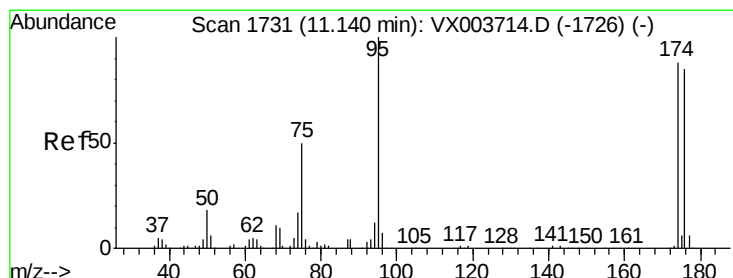
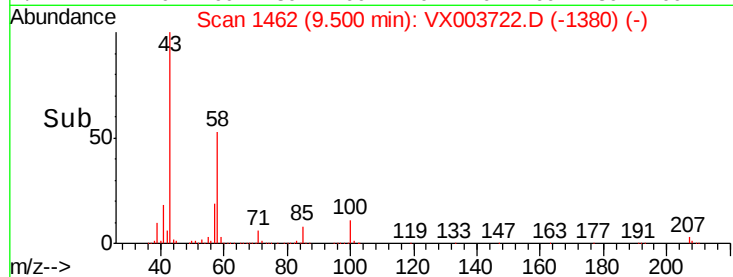
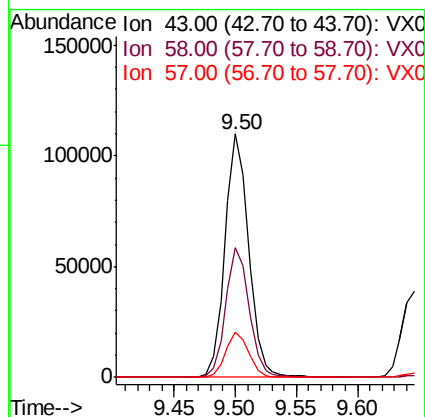
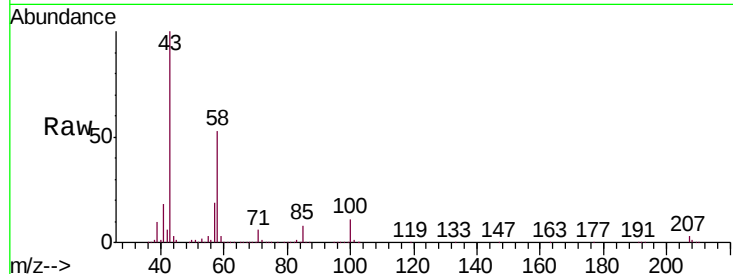




#59
2-Hexanone
Concen: 103.44 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

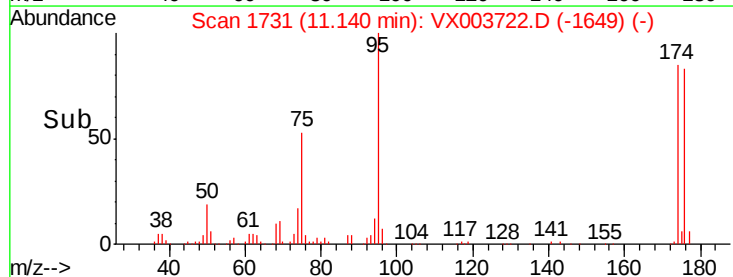
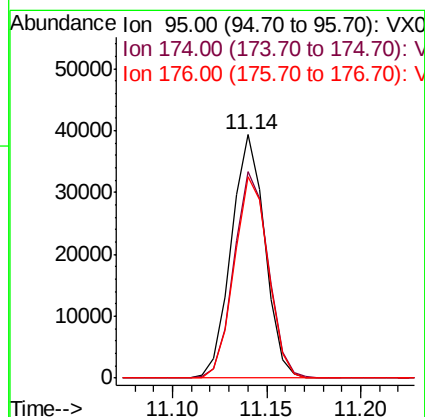
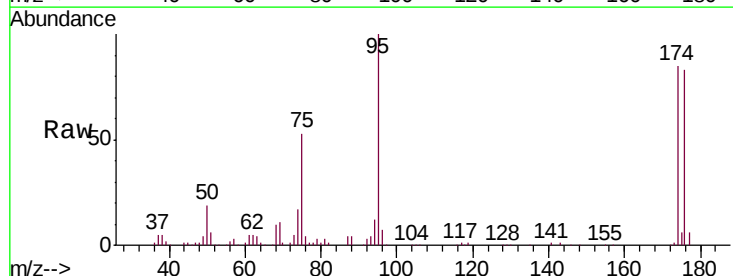
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

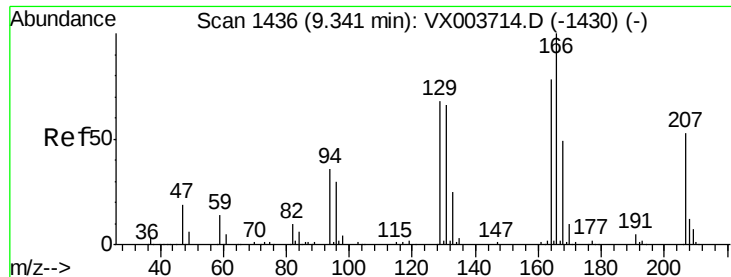
Tot Ion: 43 Resp: 148069
Ion Ratio Lower Upper
43 100
58 52.8 39.6 59.4
57 18.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 31.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion: 95 Resp: 48542
Ion Ratio Lower Upper
95 100
174 86.5 71.8 107.6
176 84.0 70.1 105.1

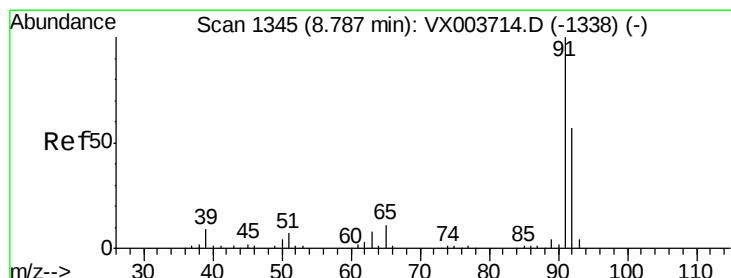
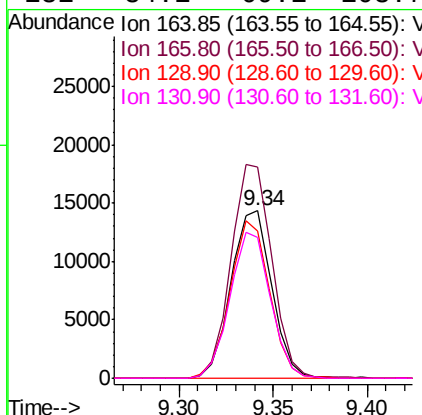
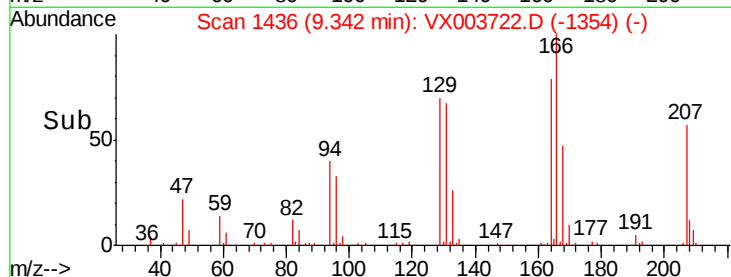
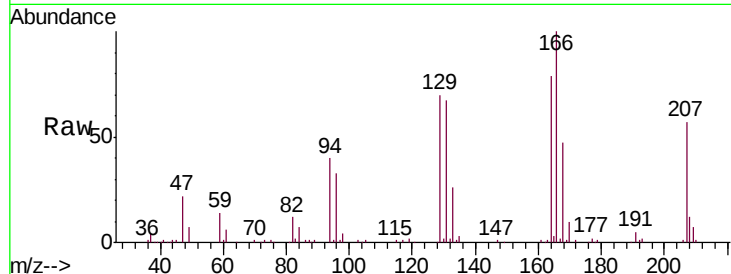




#61
 Tetrachloroethene
 Concen: 19.40 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

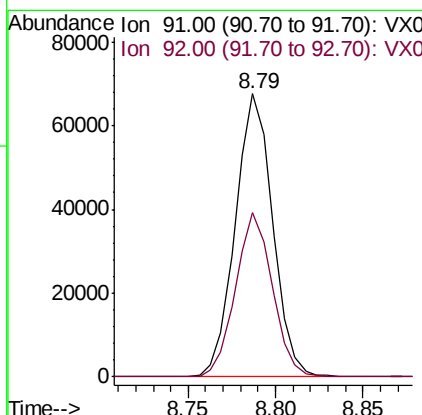
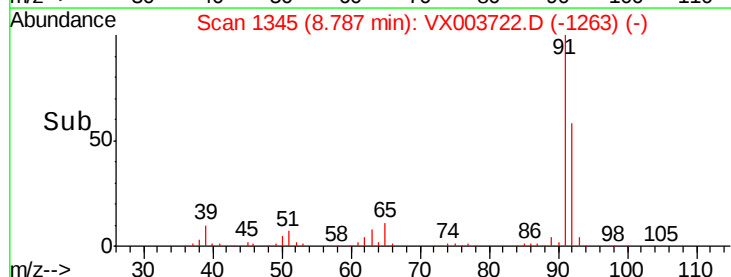
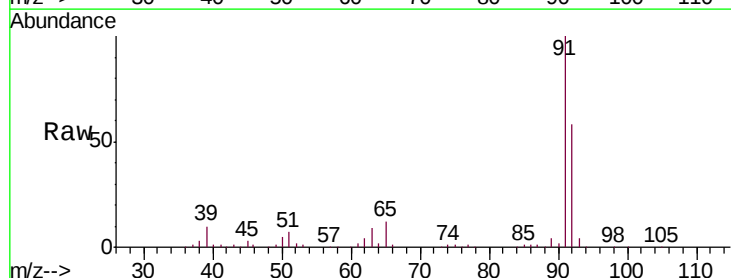
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

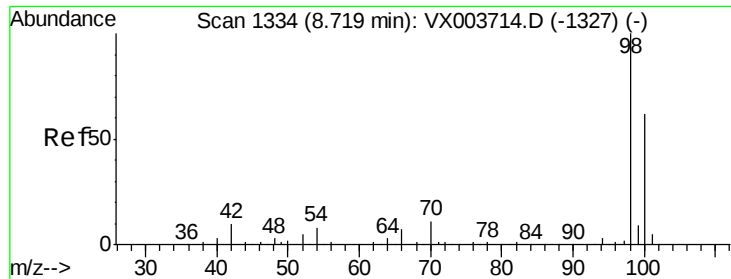
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.4	153.6
129	88.1	70.1	105.1
131	84.1	69.1	103.7



#62
 Toluene
 Concen: 20.41 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.5	69.7





#63

Toluene-d8

Concen: 30.84 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

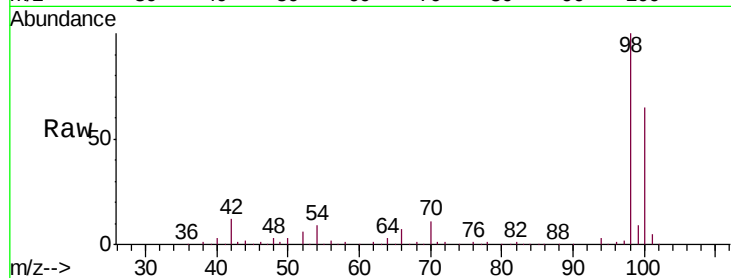
VX0727WBSD01

Tot Ion: 98 Resp: 132265

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2

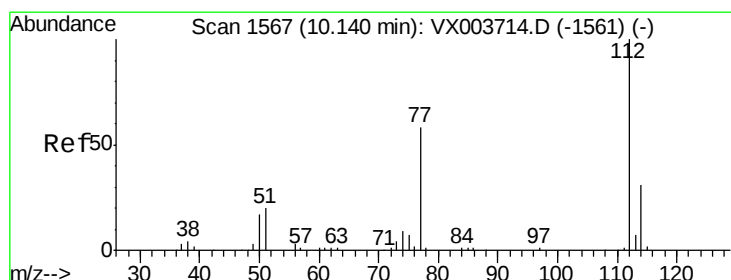
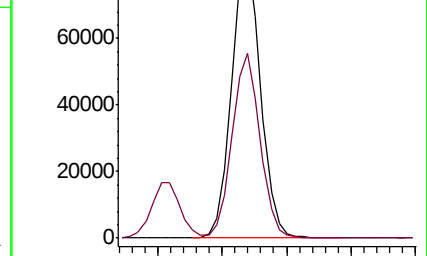
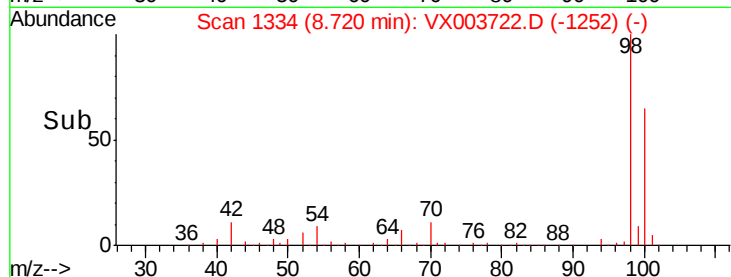


Abundance Ion 98.00 (97.70 to 98.70): VX003714.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX003714.D (-1327) (-)

8.72

Time-->



#64

Chlorobenzene

Concen: 19.84 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003722.D

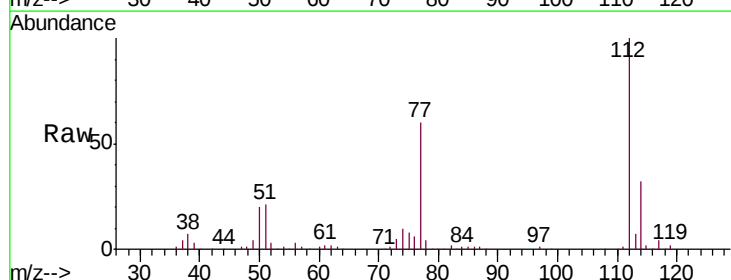
Acq: 27 Jul 2018 20:06

Tgt Ion: 112 Resp: 63354

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4

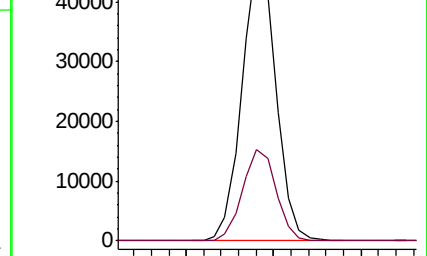
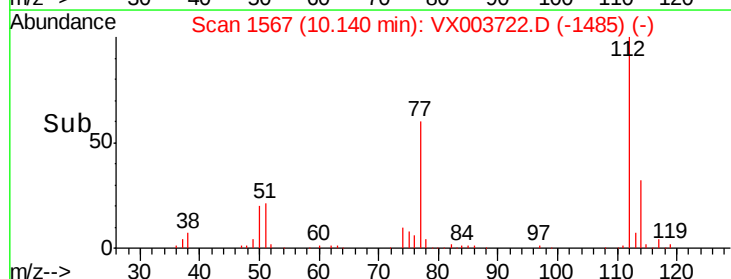


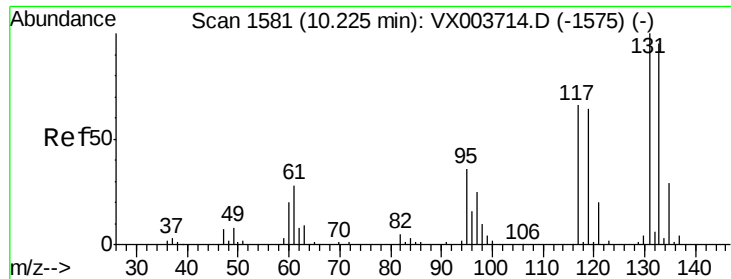
Abundance Ion 112.00 (111.70 to 112.70): VX003714.D (-1561) (-)

Ion 114.00 (113.70 to 114.70): VX003714.D (-1561) (-)

10.14

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.06 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

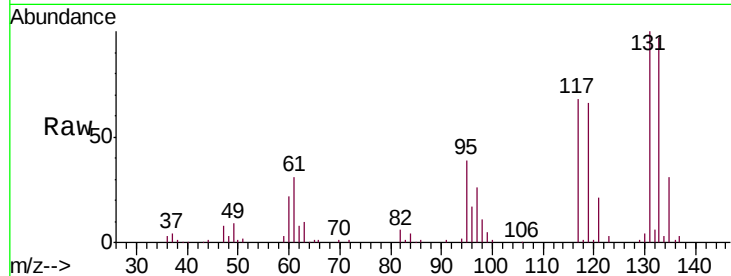
Tot Ion:131 Resp: 22663

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.2

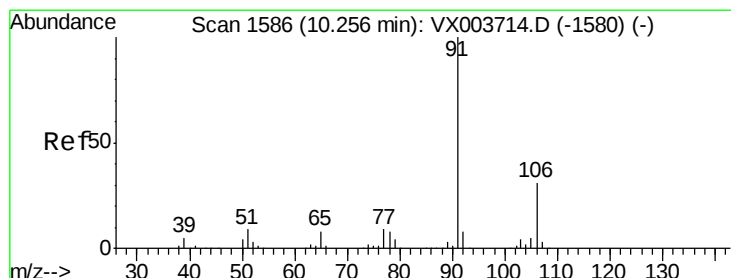
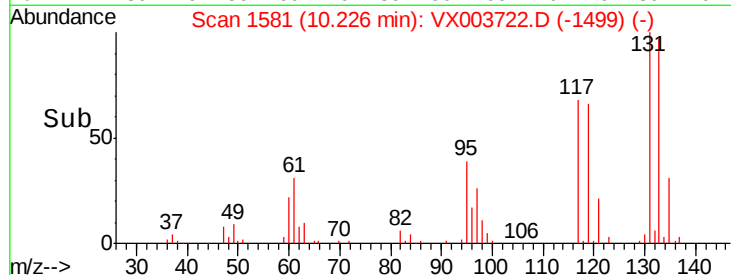
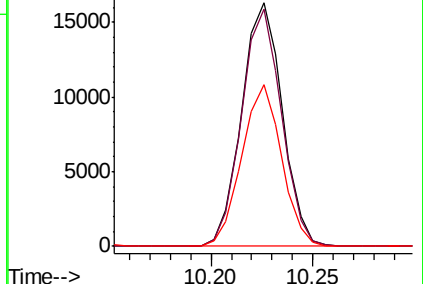
119 65.1 0.0 125.4



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: 19.56 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003722.D

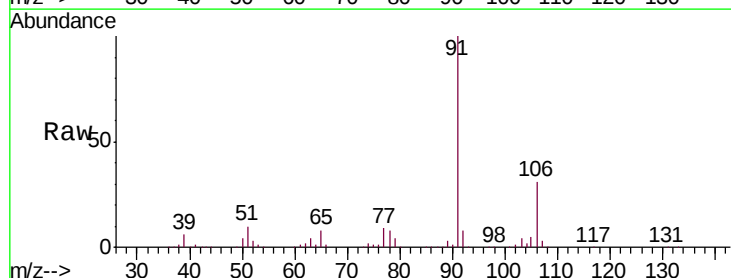
Acq: 27 Jul 2018 20:06

Tgt Ion: 91 Resp: 106396

Ion Ratio Lower Upper

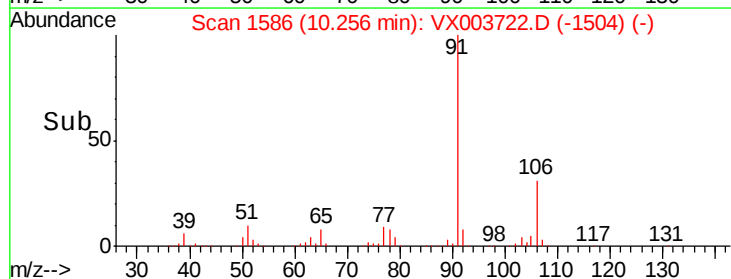
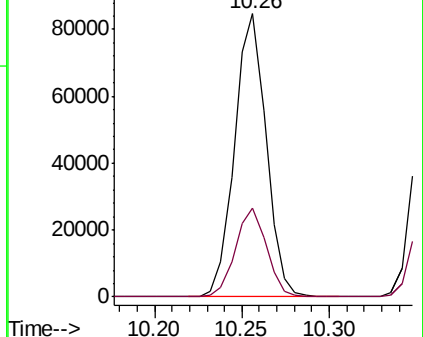
91 100

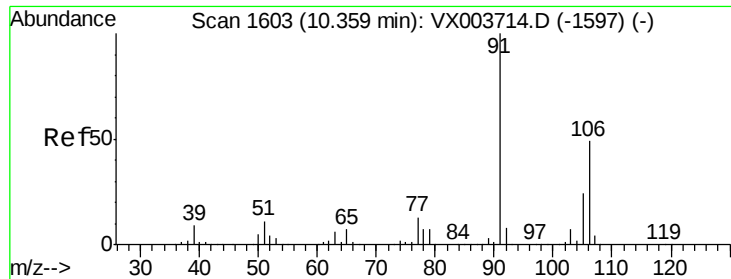
106 31.4 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

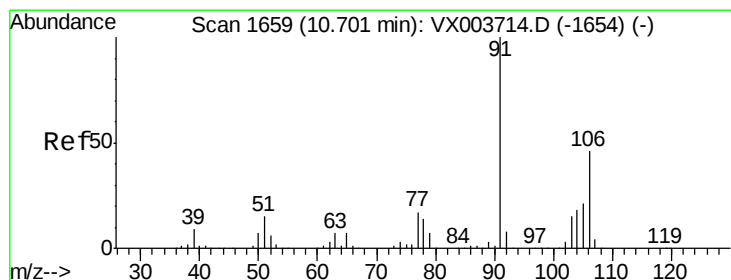
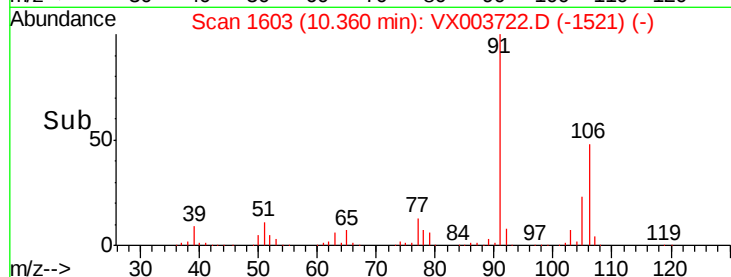
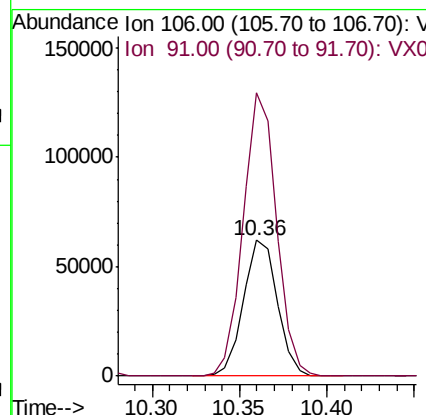
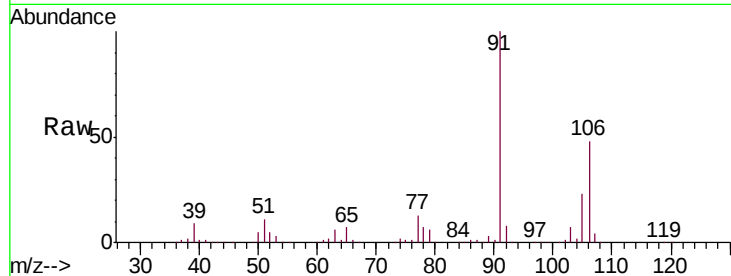




#67
m/p-Xylenes
Concen: 40.10 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

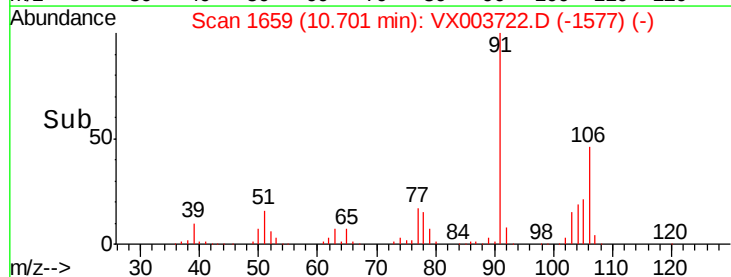
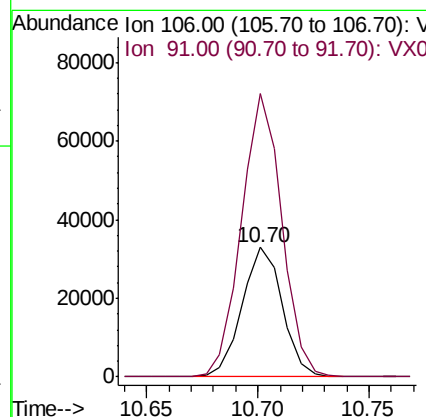
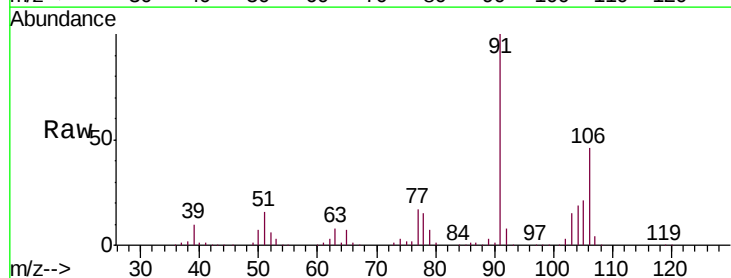
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

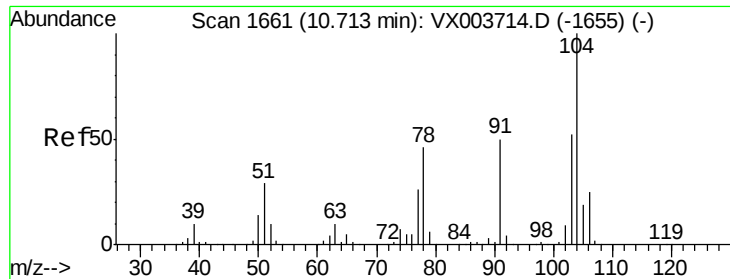
Tot Ion:106 Resp: 83995
Ion Ratio Lower Upper
106 100
91 204.1 164.1 246.1



#68
o-Xylene
Concen: 20.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion:106 Resp: 41785
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3

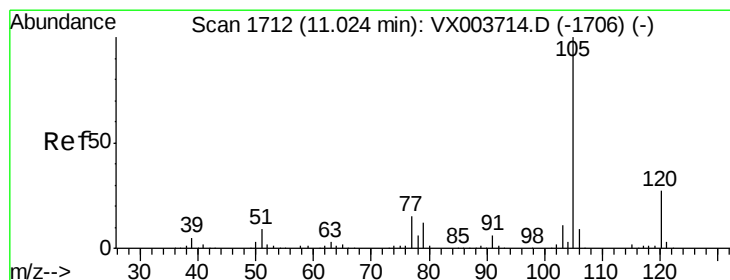
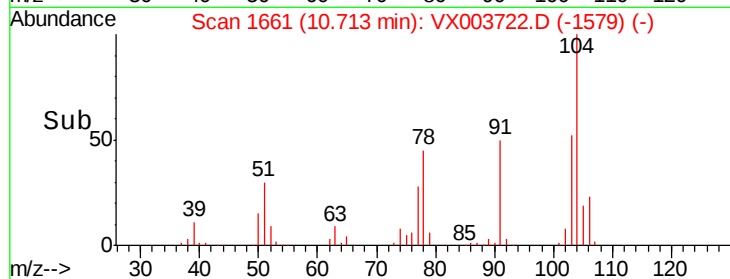
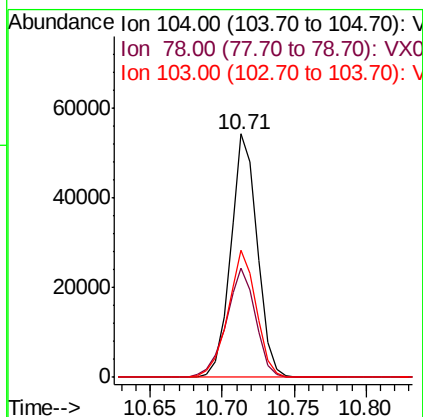
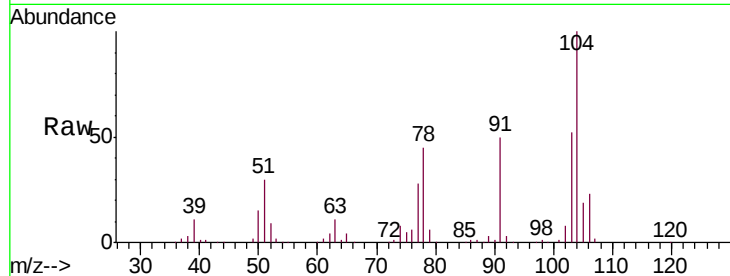




#69
Stvrene
Concen: 20.68 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

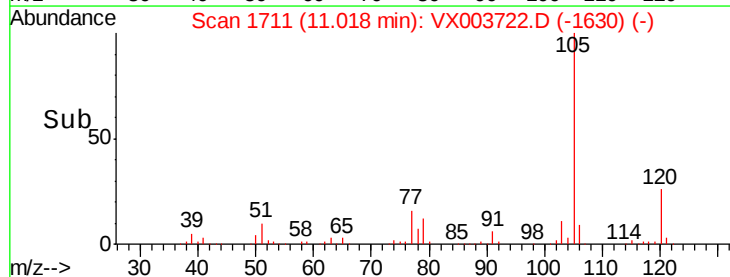
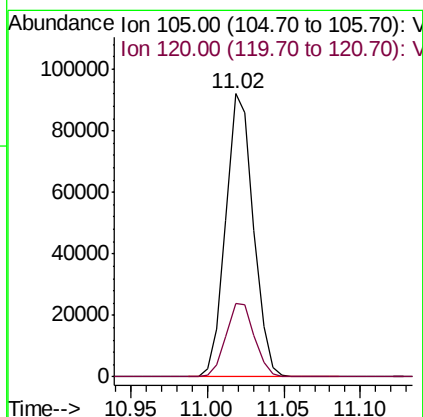
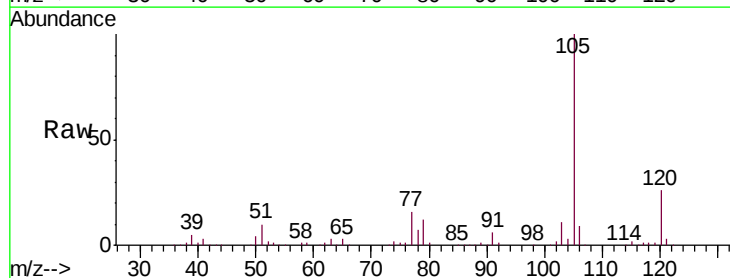
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

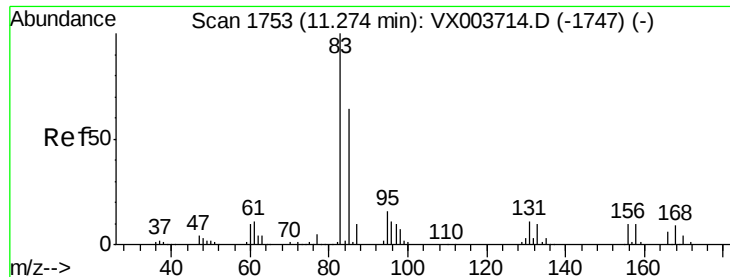
Tot Ion:104 Resp: 70164
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.5 44.9 67.3



#70
Isopropylbenzene
Concen: 20.96 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion:105 Resp: 115659
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2

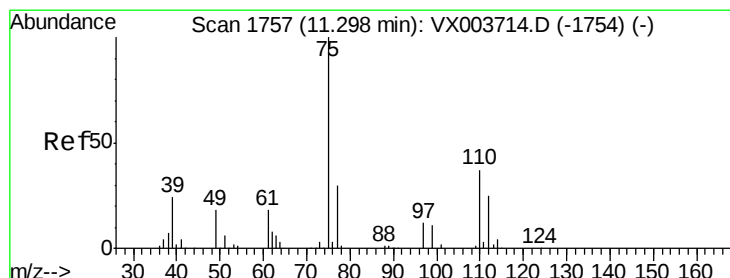
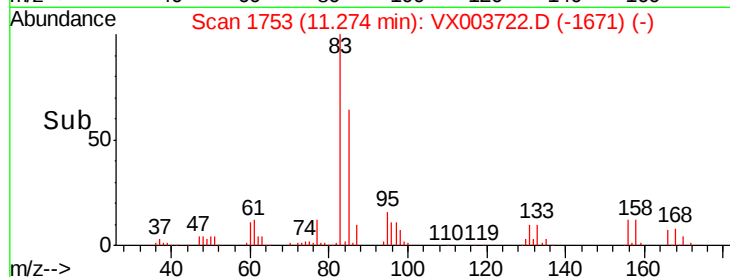
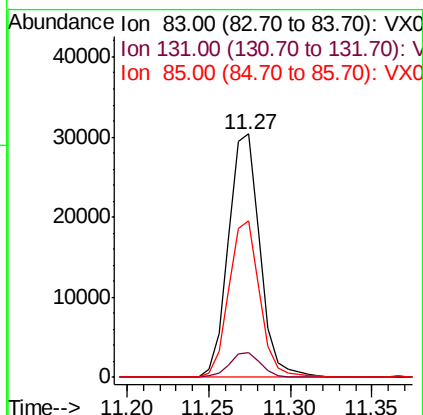
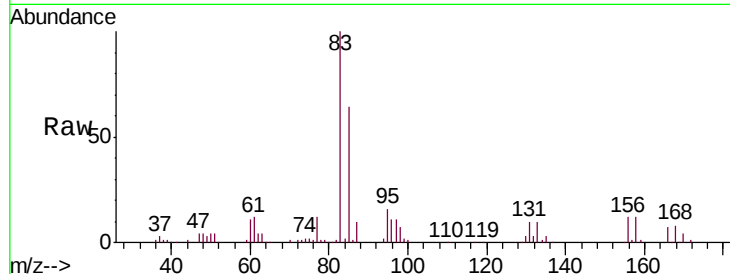




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.66 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

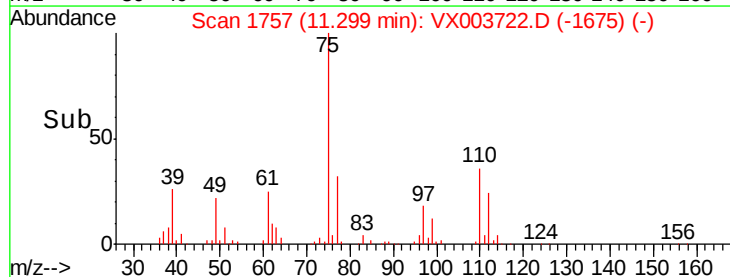
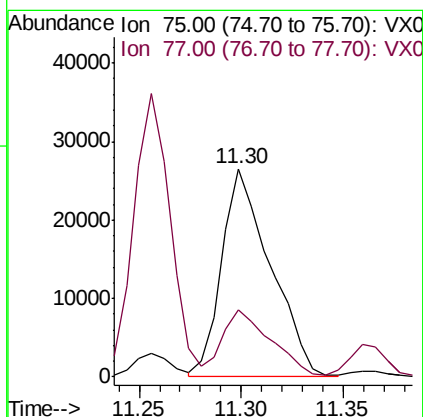
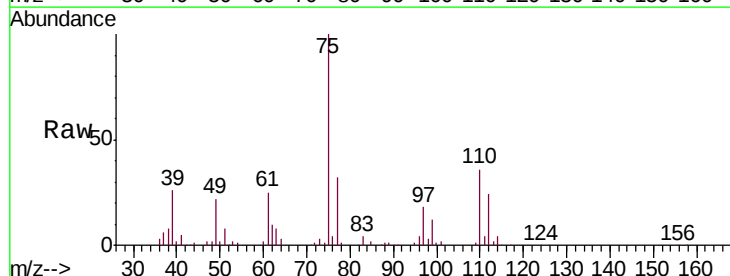
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

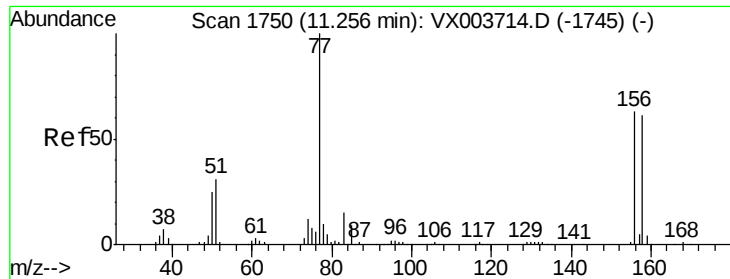
Tot Ion: 83 Resp: 40682
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.4 16.2
 85 63.3 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.98 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 75 Resp: 44203
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 71.8





#73

Bromobenzene

Concen: 19.51 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

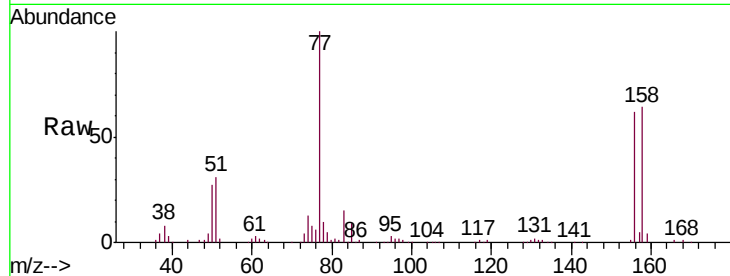
Tot Ion:156 Resp: 29008

Ion Ratio Lower Upper

156 100

77 155.2 0.0 301.0

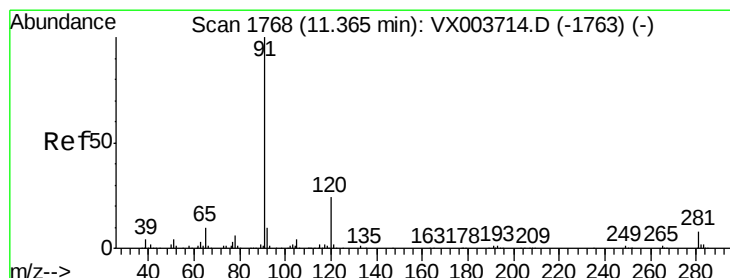
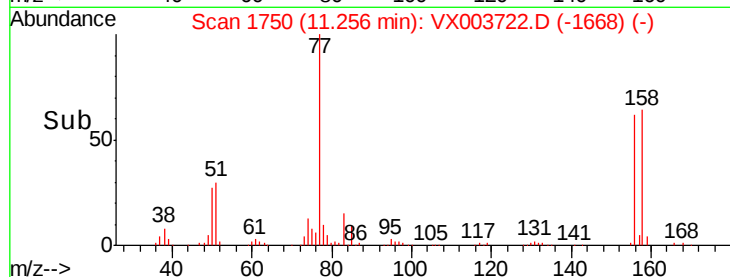
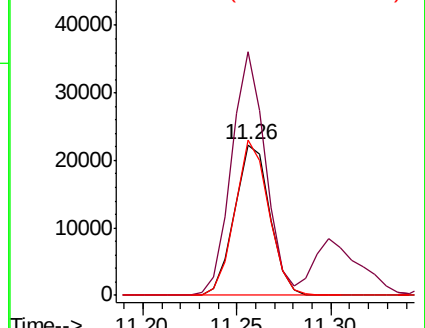
158 99.5 0.0 196.2



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: 19.73 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003722.D

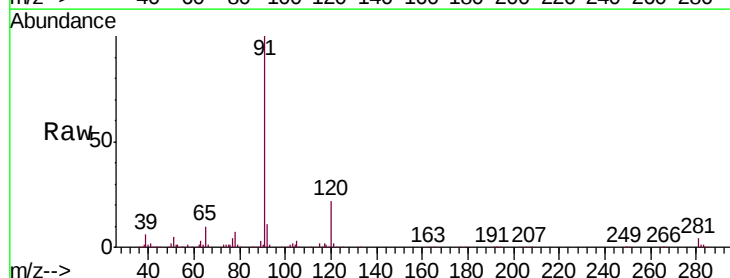
Acq: 27 Jul 2018 20:06

Tgt Ion: 91 Resp: 128193

Ion Ratio Lower Upper

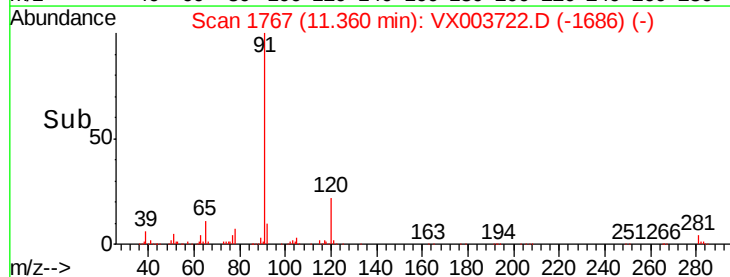
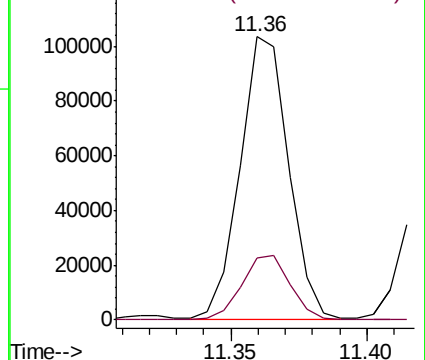
91 100

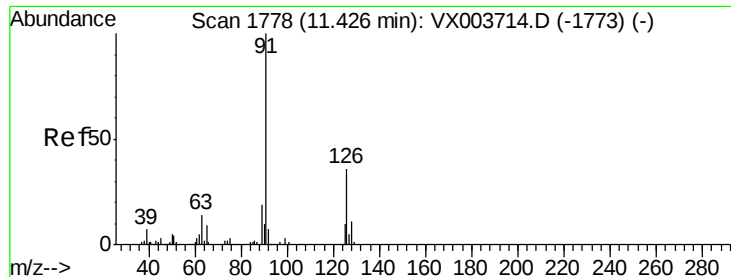
120 22.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

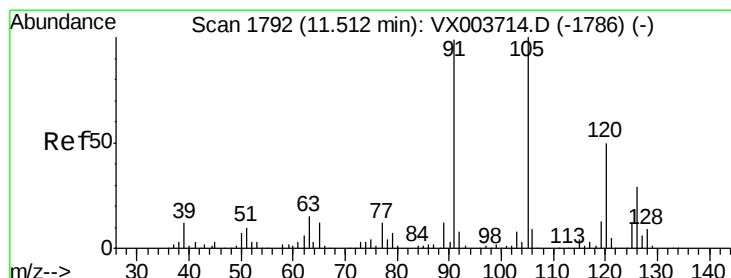
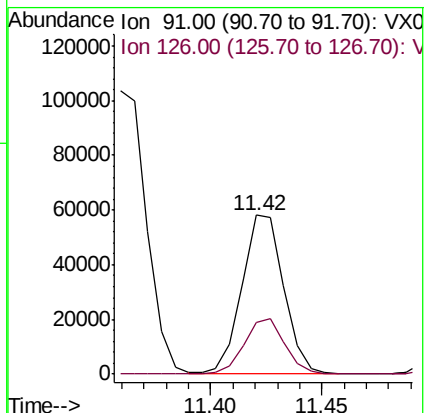
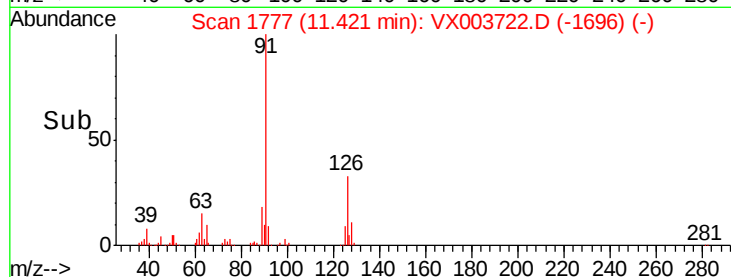
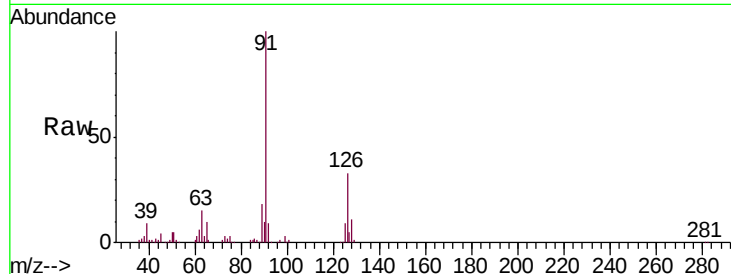
VX0727WBSD01

Tot Ion: 91 Resp: 76254

Ion Ratio Lower Upper

91 100

126 33.9 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 19.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003722.D

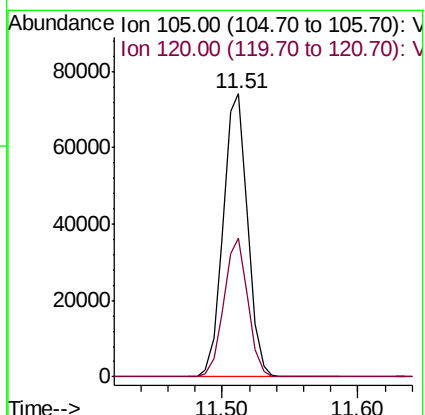
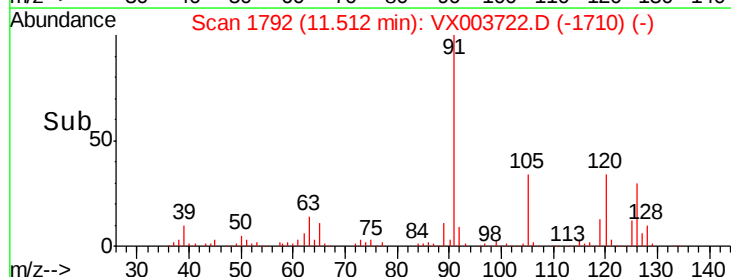
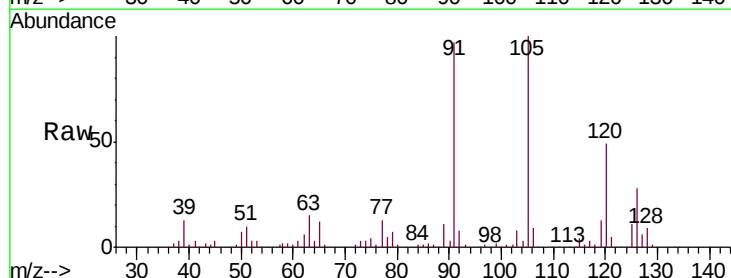
Acq: 27 Jul 2018 20:06

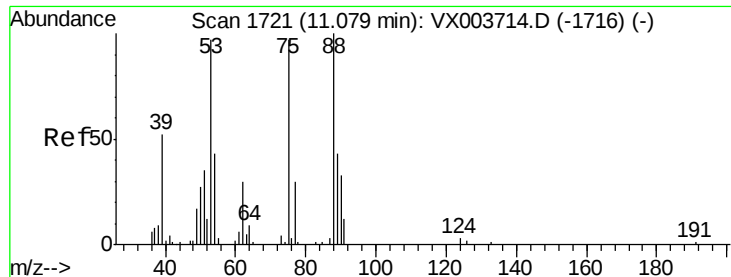
Tgt Ion: 105 Resp: 91953

Ion Ratio Lower Upper

105 100

120 48.2 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

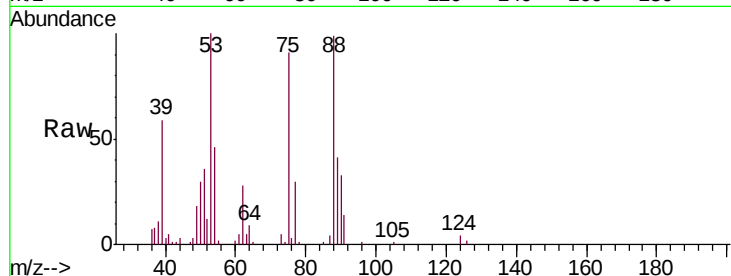
Tot Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

53 109.4 48.3 144.9

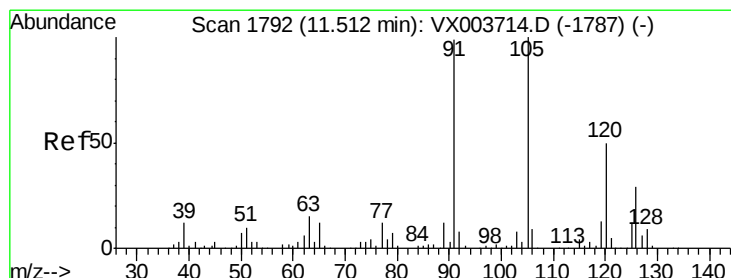
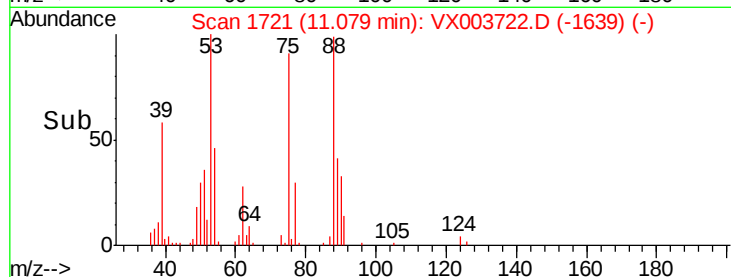
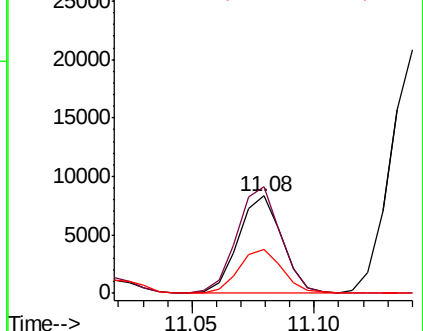
89 44.6 21.8 65.4



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: 19.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003722.D

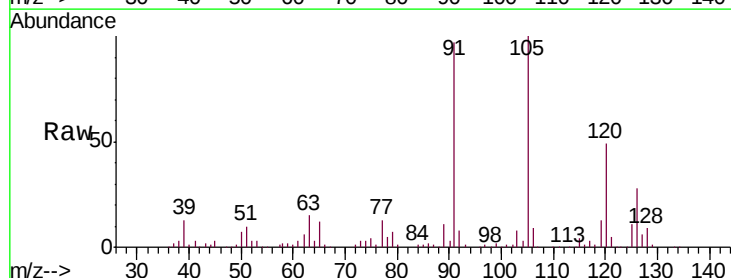
Acq: 27 Jul 2018 20:06

Tgt Ion: 91 Resp: 88670

Ion Ratio Lower Upper

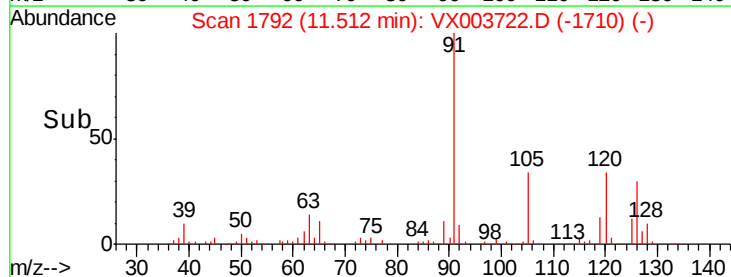
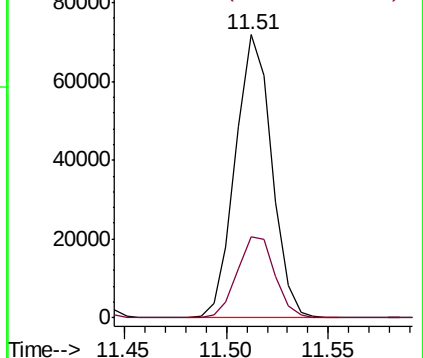
91 100

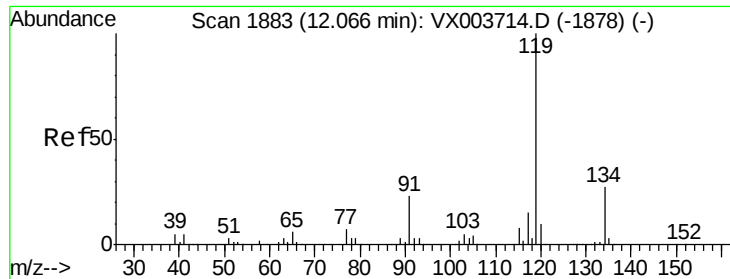
126 29.8 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

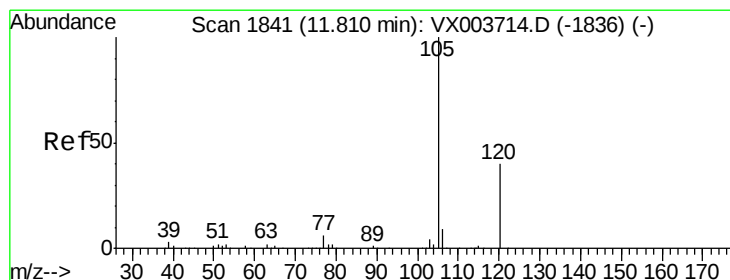
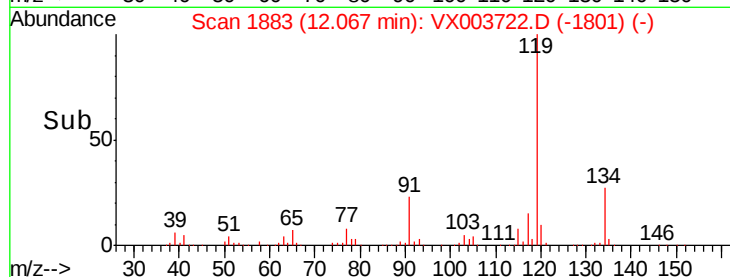
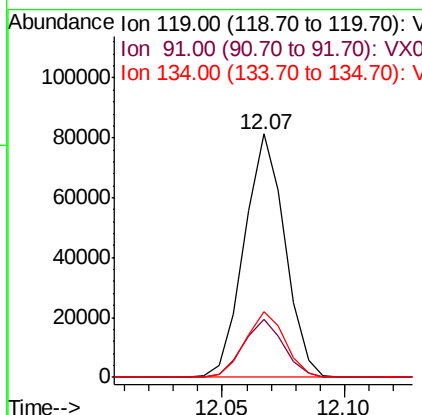
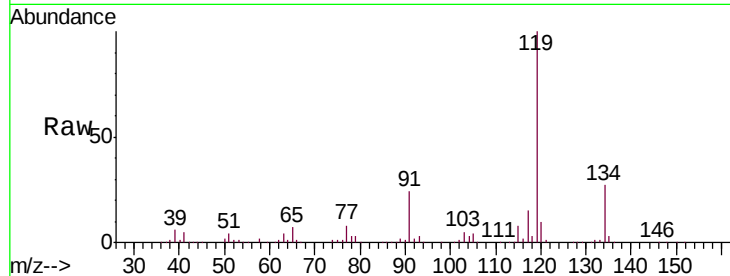




#79
tert-butylbenzene
Concen: 19.41 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

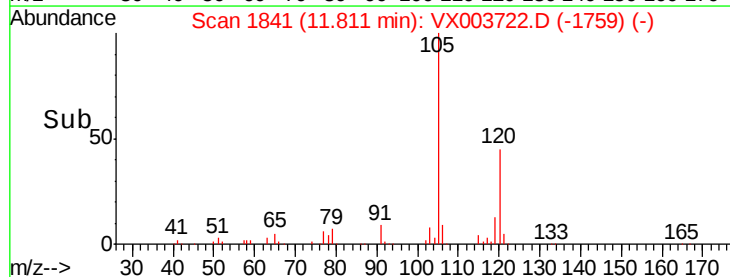
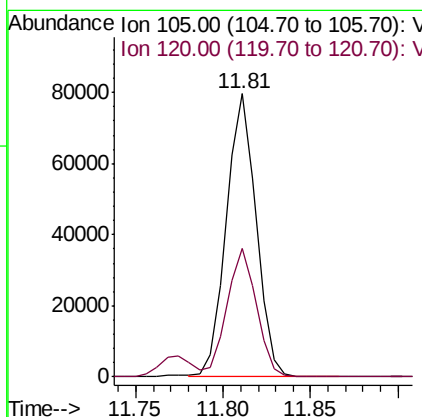
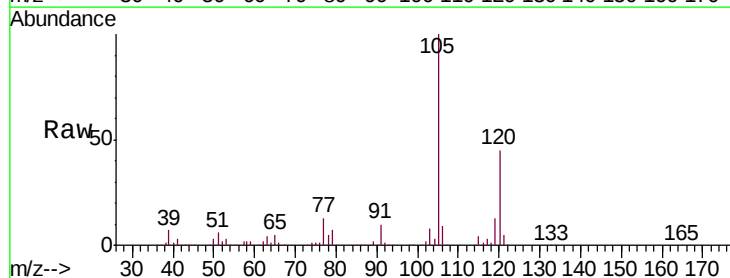
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

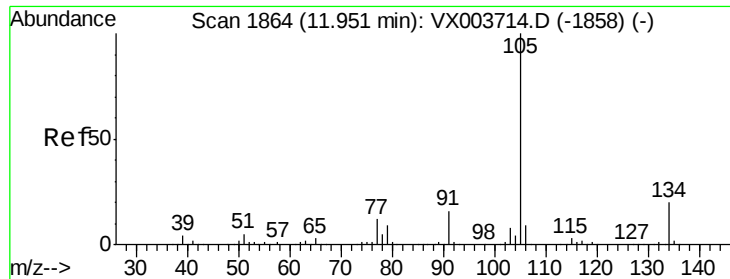
Tot Ion:119 Resp: 93511
Ion Ratio Lower Upper
119 100
91 23.7 0.0 48.0
134 26.7 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 19.71 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion:105 Resp: 94455
Ion Ratio Lower Upper
105 100
120 45.1 0.0 89.2

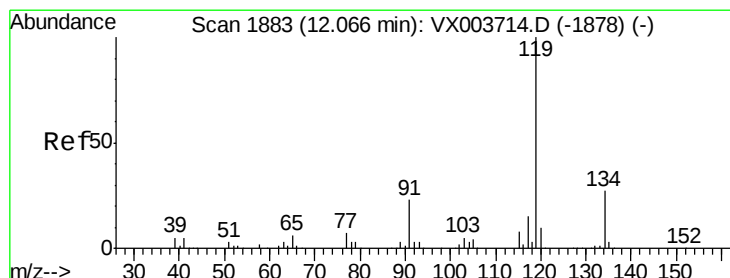
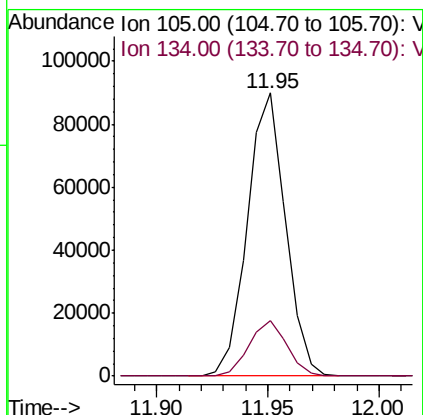
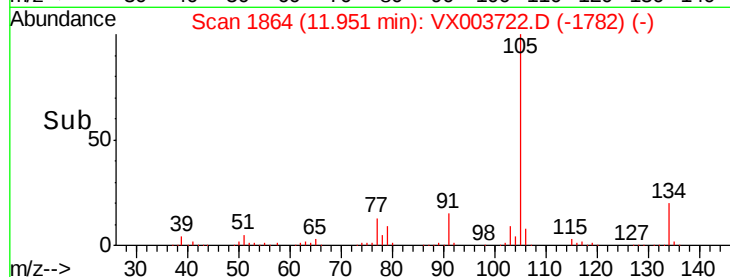
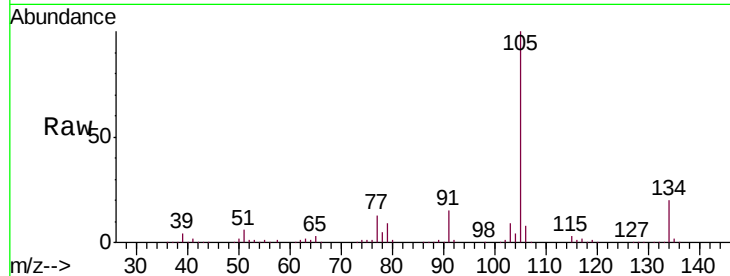




#81
 sec-Butylbenzene
 Concen: 19.75 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

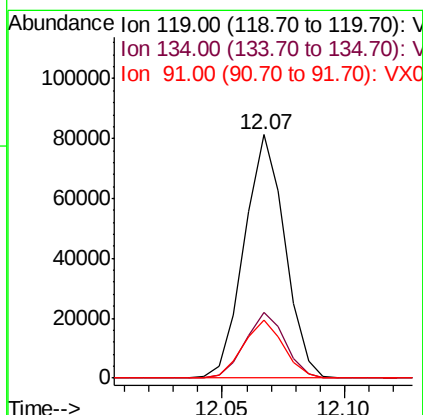
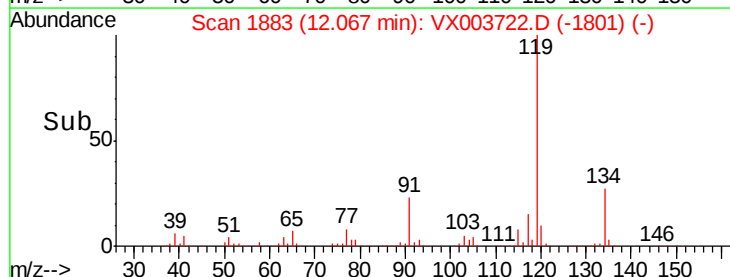
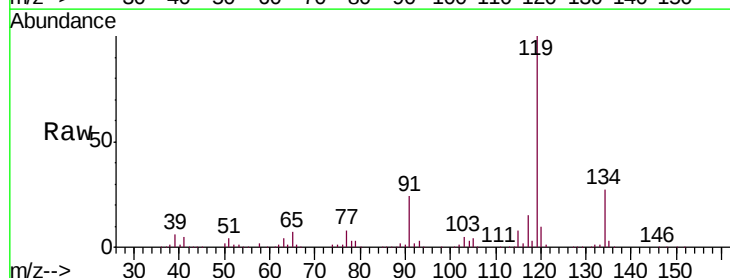
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0727WBSD01

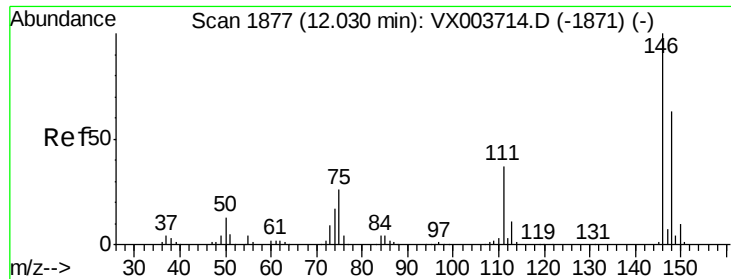
Tot Ion:105 Resp: 107658
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.41 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion:119 Resp: 93511
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 23.7 0.0 48.0

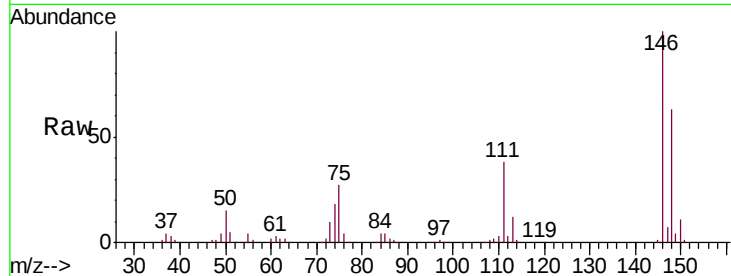




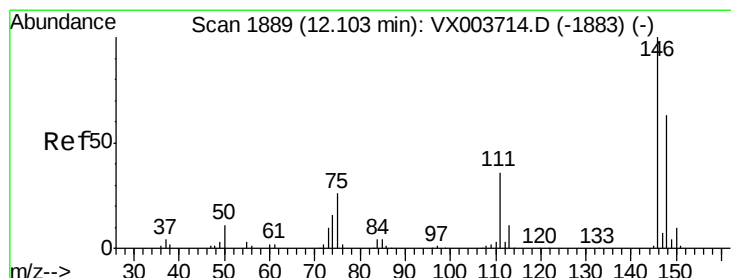
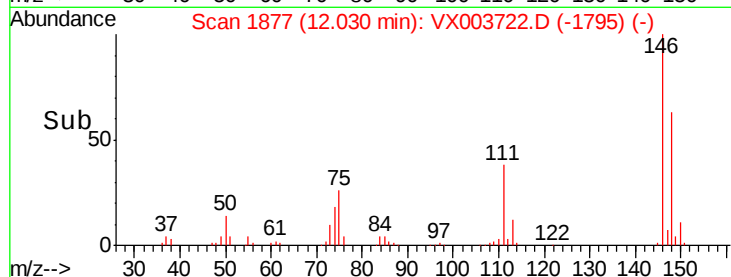
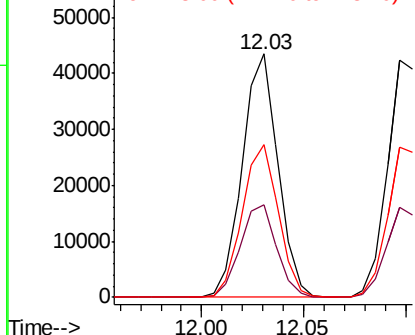
#83
 1,3-Dichlorobenzene
 Concen: 19.48 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Tot Ion:146 Resp: 52884
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 63.4 31.9 95.7

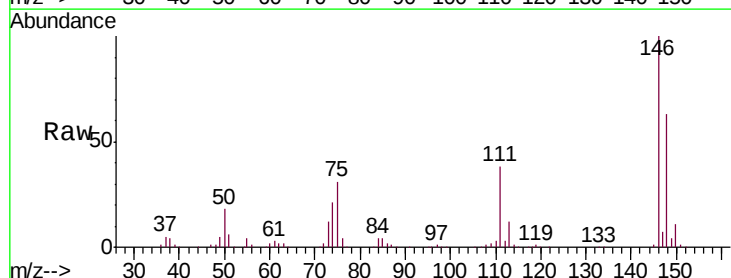


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

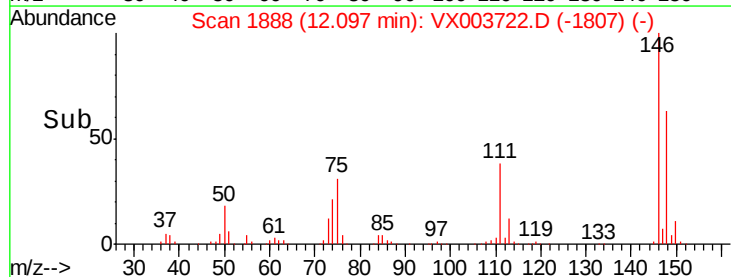
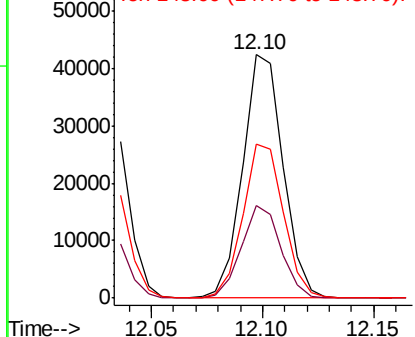


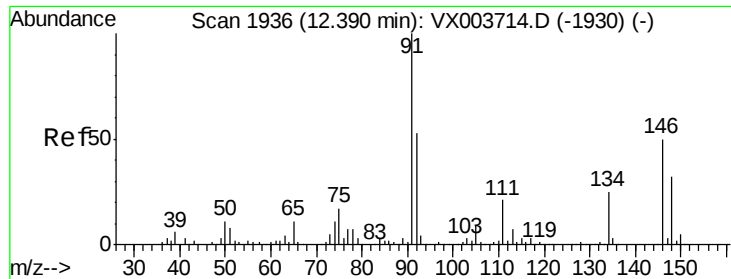
#84
 1,4-Dichlorobenzene
 Concen: 19.57 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion:146 Resp: 53489
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.5 55.5
 148 63.9 32.0 96.0



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





#85

n-Butylbenzene

Concen: 20.30 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003722.D

Acq: 27 Jul 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBSD01

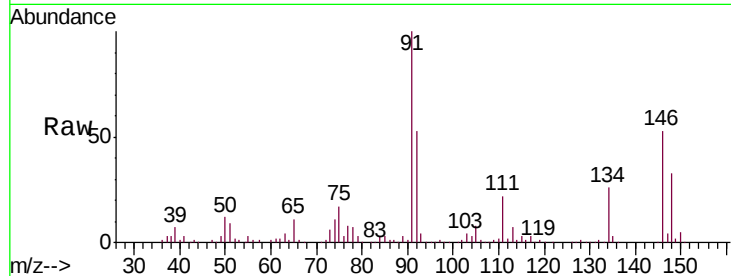
Tot Ion: 91 Resp: 86800

Ion Ratio Lower Upper

91 100

92 52.1 0.0 105.2

134 25.8 0.0 53.2

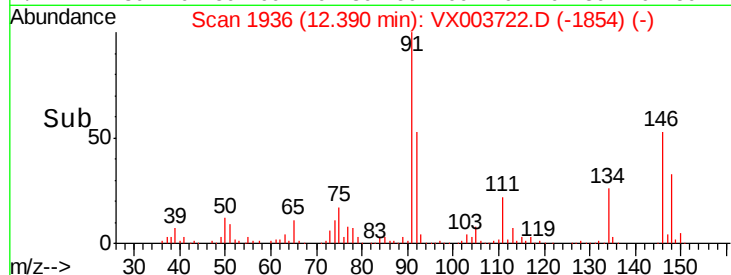


Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX003714.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX003714.D (-1930) (-)

Time-->

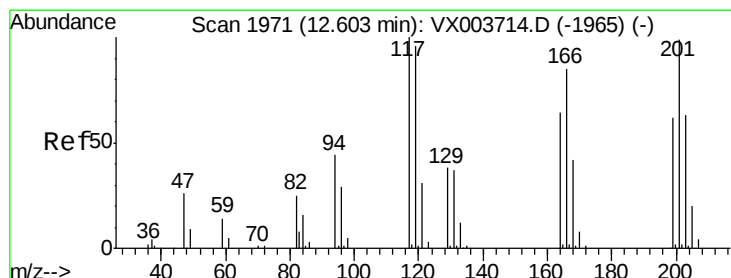


Abundance Ion 91.00 (90.70 to 91.70): VX003722.D (-1854) (-)

Ion 92.00 (91.70 to 92.70): VX003722.D (-1854) (-)

Ion 134.00 (133.70 to 134.70): VX003722.D (-1854) (-)

Time-->



#86

Hexachloroethane

Concen: 21.47 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003722.D

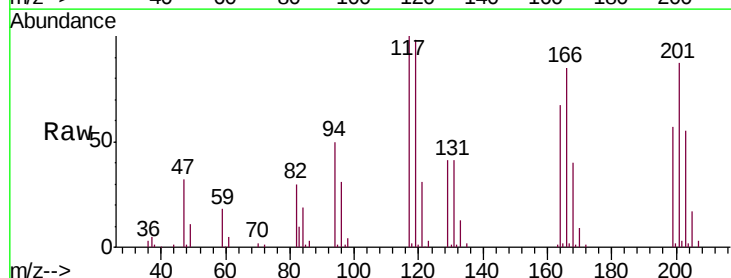
Acq: 27 Jul 2018 20:06

Tgt Ion: 117 Resp: 16665

Ion Ratio Lower Upper

117 100

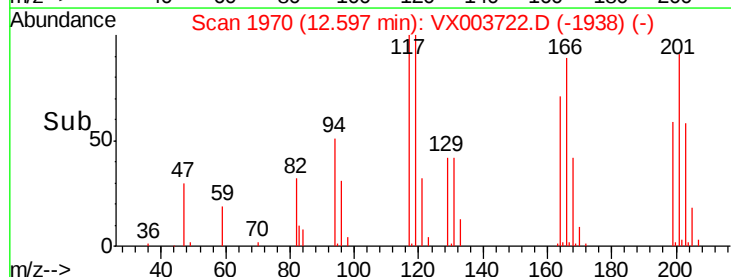
201 91.6 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX003714.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX003714.D (-1965) (-)

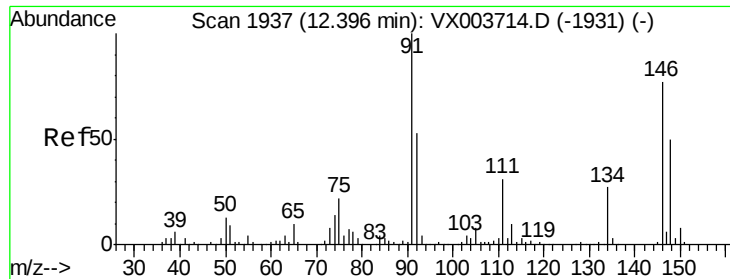
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX003722.D (-1938) (-)

Ion 201.00 (200.70 to 201.70): VX003722.D (-1938) (-)

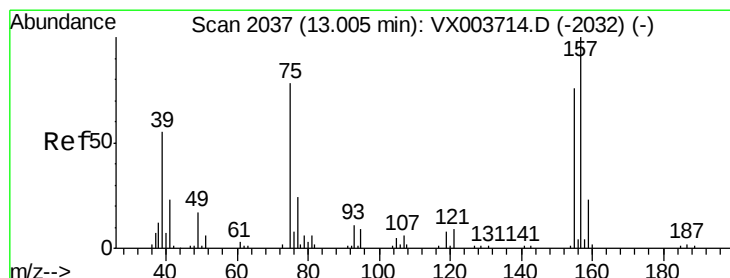
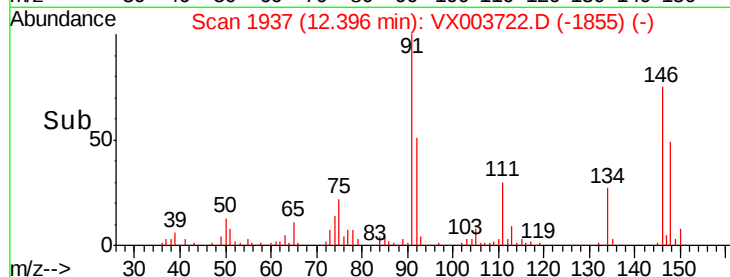
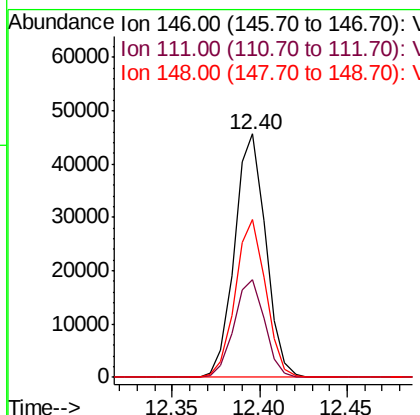
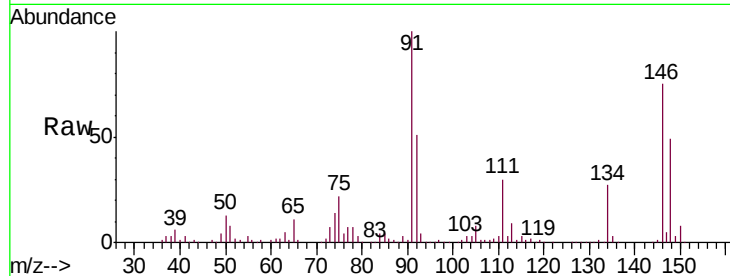
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

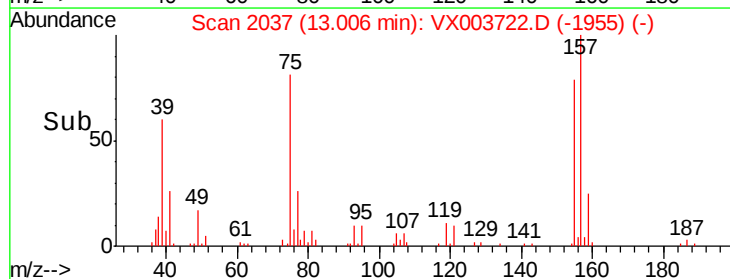
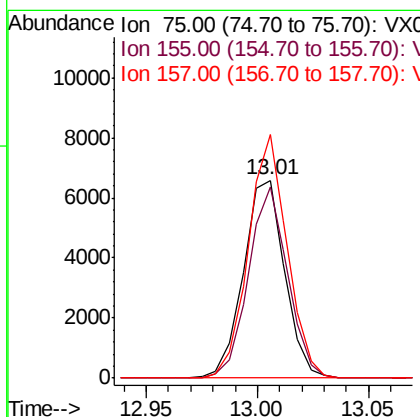
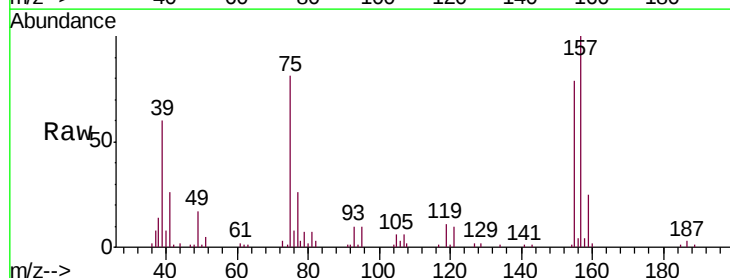
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

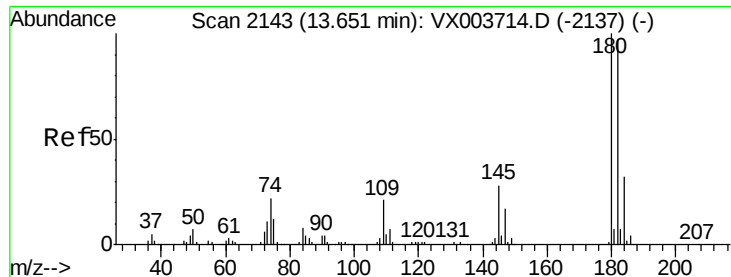
Tot Ion:146 Resp: 56436
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.5 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion: 75 Resp: 8510
 Ion Ratio Lower Upper
 75 100
 155 91.5 73.1 109.7
 157 115.1 93.1 139.7

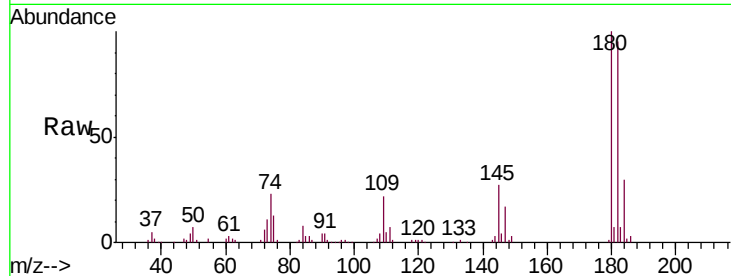




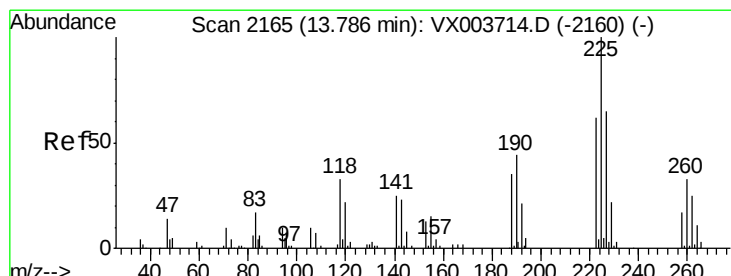
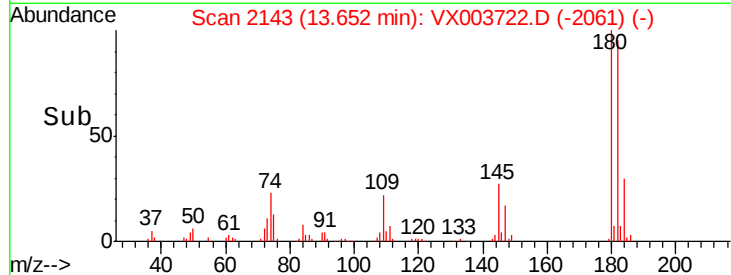
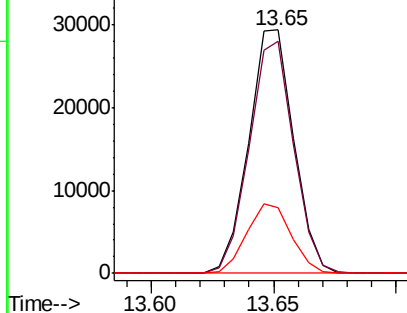
#89
 1,2,4-Trichlorobenzene
 Concen: 19.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Tot Ion:180 Resp: 37616
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 145 28.4 22.9 34.3

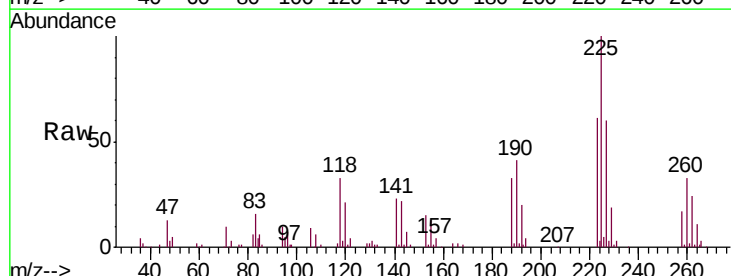


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

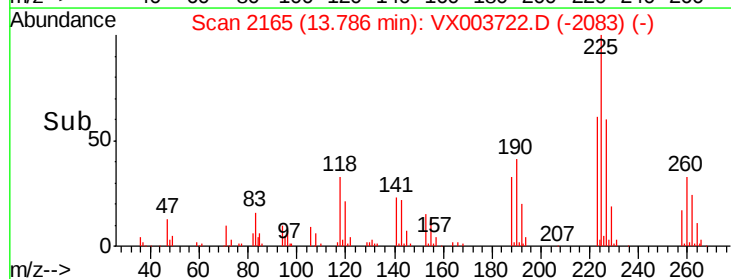
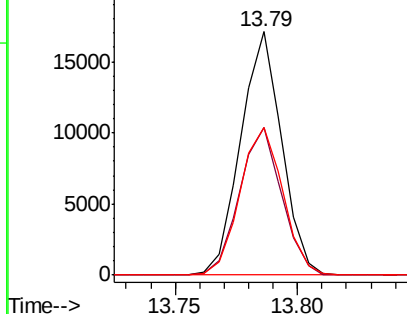


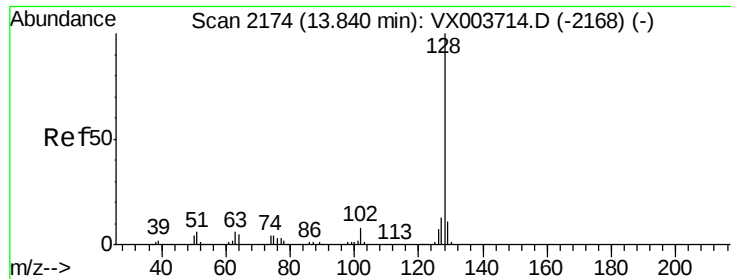
#90
 Hexachlorobutadiene
 Concen: 22.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003722.D
 Acq: 27 Jul 2018 20:06

Tgt Ion:225 Resp: 19905
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 122.4
 227 63.4 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

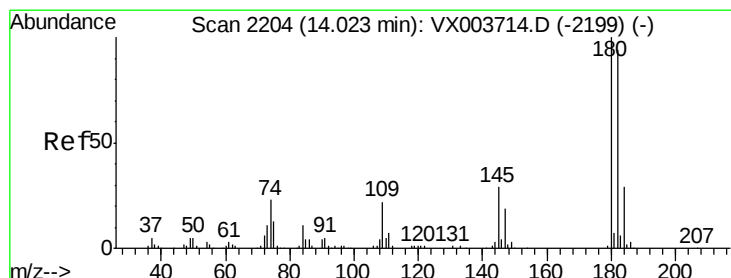
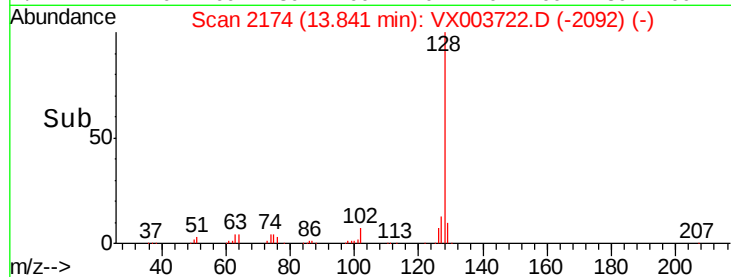
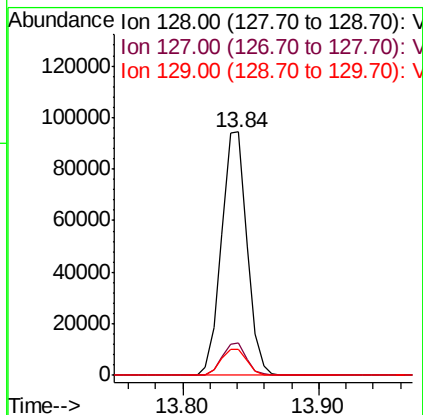
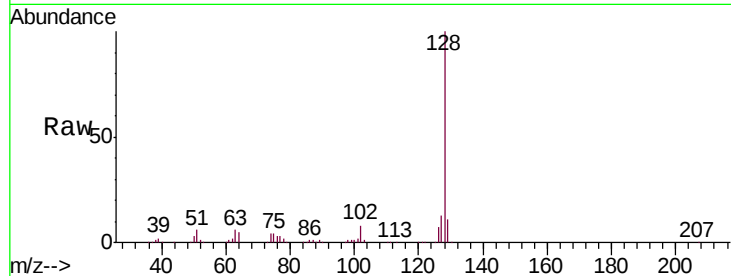




#91
Naphthalene
Concen: 21.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBSD01

Tot Ion:128 Resp: 122872
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 20.28 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003722.D
Acq: 27 Jul 2018 20:06

Tgt Ion:180 Resp: 39516
Ion Ratio Lower Upper
180 100
182 96.0 0.0 191.0
145 30.8 0.0 60.6

