

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003009.D
 Acq On : 29 Jun 2018 02:44
 Operator : JC/MD
 Sample : VX0628WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

Quant Time: Jun 29 07:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220802	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	189082	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.51	113	154759	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	8.72	98	538022	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	202900	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62904	24.44	ug/l	98
3) Chloromethane	1.32	50	59493	21.72	ug/l	99
4) Vinyl Chloride	1.40	62	65242	20.13	ug/l #	87
5) Bromomethane	1.64	94	29509	17.75	ug/l	99
6) Chloroethane	1.73	64	41271	20.46	ug/l	99
7) Trichlorofluoromethane	1.93	101	105021	19.21	ug/l	95
8) Diethyl Ether	2.19	74	37378	18.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58658	18.52	ug/l	99
10) Methyl Iodide	2.51	142	45714	18.69	ug/l	99
11) Tert butyl alcohol	3.07	59	81150	102.86	ug/l	97
12) 1,1-Dichloroethene	2.37	96	54487	19.28	ug/l	94
13) Acrolein	2.30	56	39668	93.39	ug/l	99
14) Allyl chloride	2.73	41	102817	18.46	ug/l	97
15) Acrylonitrile	3.15	53	163918	97.27	ug/l	100
16) Acetone	2.45	43	149710	91.28	ug/l	96
17) Carbon Disulfide	2.57	76	152904	20.31	ug/l	99
18) Methyl Acetate	2.78	43	79460	17.33	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	193225	19.02	ug/l	99
20) Methylene Chloride	2.86	84	60951	19.10	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	58062	18.86	ug/l	96
22) Diisopropyl ether	3.88	45	211237	19.84	ug/l	98
23) Vinyl Acetate	3.83	43	902285	100.08	ug/l	98
24) 1,1-Dichloroethane	3.70	63	114001	19.70	ug/l	99
25) 2-Butanone	4.71	43	244107	100.29	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64172	13.64	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69377	20.10	ug/l	97
28) Bromochloromethane	5.02	49	55922	20.19	ug/l	93
29) Tetrahydrofuran	5.17	42	155573	99.67	ug/l	96
30) Chloroform	5.22	83	116869	19.68	ug/l	97
31) Cyclohexane	5.58	56	97158	19.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	104533	20.00	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85150	20.28	ug/l	99
37) Ethyl Acetate	4.87	43	95962	21.23	ug/l	99
38) Carbon Tetrachloride	5.79	117	91794	19.92	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87817	17.96	ug/l	99
40) Benzene	6.15	78	250785	20.56	ug/l	99
41) Methacrylonitrile	5.07	41	53599	20.59	ug/l	97
42) 1,2-Dichloroethane	6.20	62	96570	19.60	ug/l	99
43) Isopropyl Acetate	6.47	43	147092	19.40	ug/l	99
44) Trichloroethene	7.22	130	71798	19.74	ug/l	93
45) 1,2-Dichloropropane	7.52	63	62435	19.29	ug/l	97
46) Dibromomethane	7.67	93	43775	19.49	ug/l	97
47) Bromodichloromethane	7.90	83	82069	19.77	ug/l	94
48) Methyl methacrylate	7.78	41	76661	19.62	ug/l	97
49) 1,4-Dioxane	7.76	88	30399	399.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	476235	100.39	ug/l	99
52) Toluene	8.79	92	157296	20.13	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	86783	18.46	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	80538	17.80	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64664	20.13	ug/l	98
56) Ethyl methacrylate	9.18	69	93291	19.88	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105445	19.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	232185	102.54	ug/l	98
59) 2-Hexanone	9.50	43	362726	100.61	ug/l	98
60) Dibromochloromethane	9.59	129	65604	19.40	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67400	20.01	ug/l	99
64) Tetrachloroethene	9.34	164	79462	19.89	ug/l	98
65) Chlorobenzene	10.14	112	180075	19.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	65276	19.69	ug/l	99
67) Ethyl Benzene	10.26	91	298850	19.83	ug/l	99
68) m/p-Xylenes	10.36	106	232328	39.99	ug/l	100
69) o-Xylene	10.70	106	113704	20.10	ug/l	98
70) Styrene	10.71	104	187569	20.41	ug/l	99
71) Bromoform	10.86	173	50969	19.59	ug/l #	99
73) Isopropylbenzene	11.02	105	302995	20.40	ug/l	100
74) N-amyl acetate	6.47	43	147092	20.24	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94106	20.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100645	25.16	ug/l	80
77) Bromobenzene	11.26	156	84672	20.02	ug/l	98
78) n-propylbenzene	11.37	91	335955	19.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	206381	20.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	250310	20.01	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19086	16.28	ug/l	94
82) 4-Chlorotoluene	11.51	91	242541	20.01	ug/l	100
83) tert-Butylbenzene	11.77	119	242131	19.64	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	260183	20.07	ug/l	99
85) sec-Butylbenzene	11.95	105	285101	19.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	258869	19.25	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	151608	19.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154956	19.49	ug/l	99
89) n-Butylbenzene	12.39	91	210870	18.02	ug/l	99
90) Hexachloroethane	12.60	117	34015	17.01	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	155268	19.91	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19227	18.69	ug/l	97

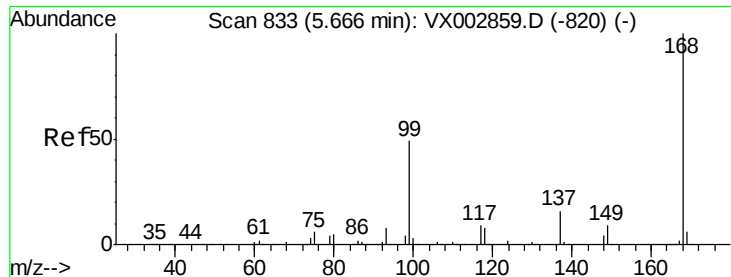
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106089	18.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	50991	18.02	ug/l	99
95) Naphthalene	13.84	128	308116	20.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109735	19.36	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

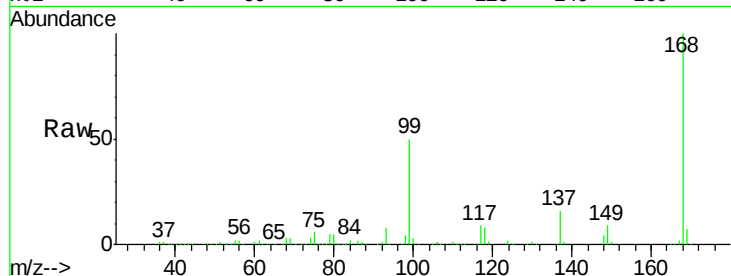
VX0628WBS03

Tot Ion:168 Resp: 286526

Ion Ratio Lower Upper

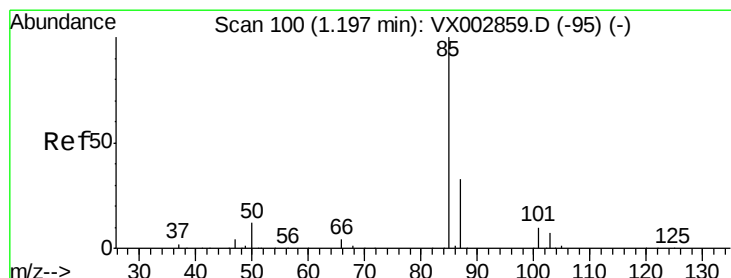
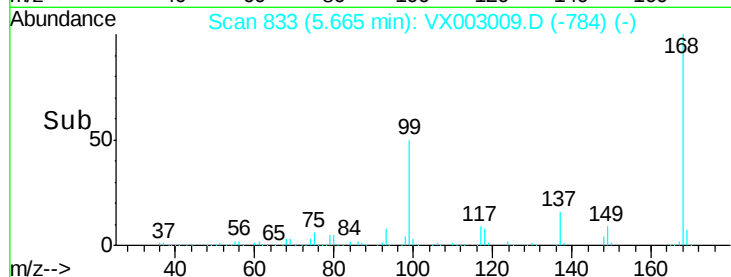
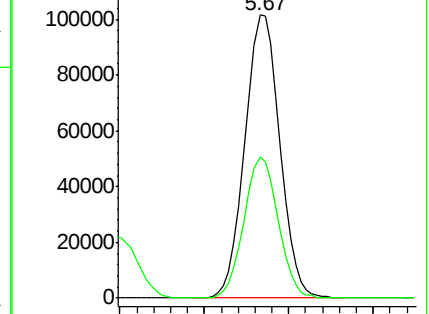
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 24.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003009.D

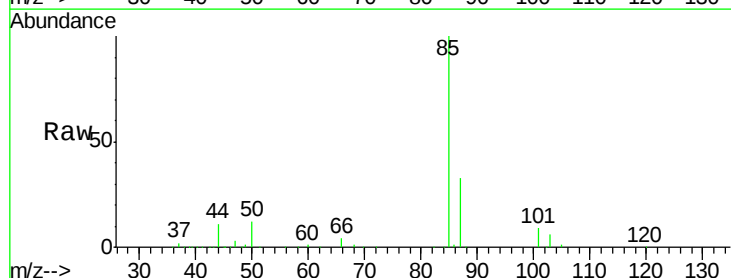
Acq: 29 Jun 2018 02:44

Tgt Ion: 85 Resp: 62904

Ion Ratio Lower Upper

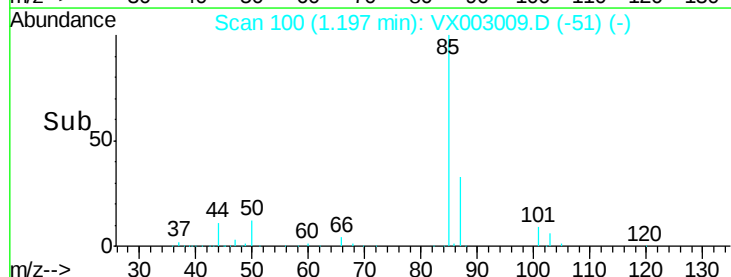
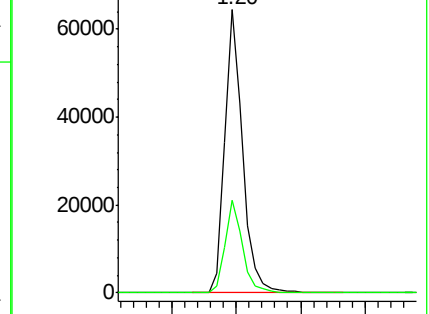
85 100

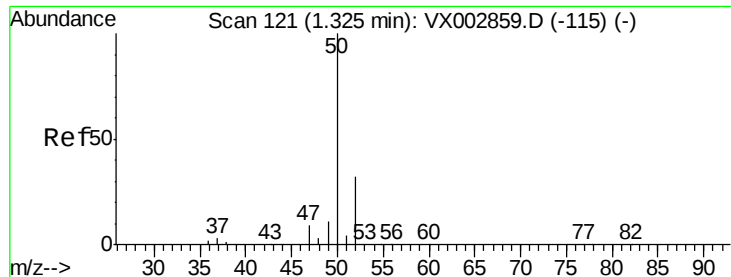
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

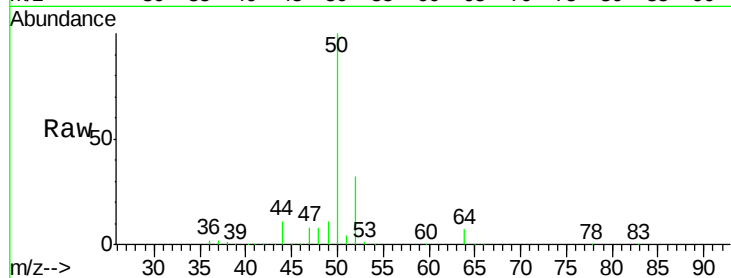
VX0628WBS03

Tot Ion: 50 Resp: 59493

Ion Ratio Lower Upper

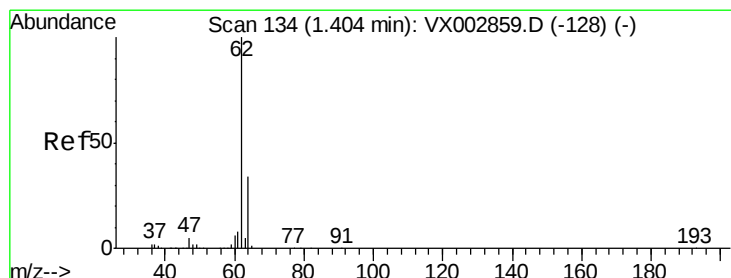
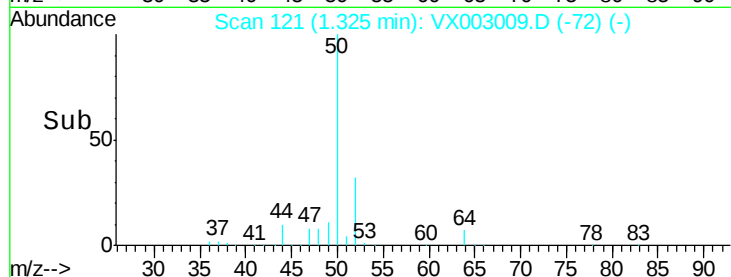
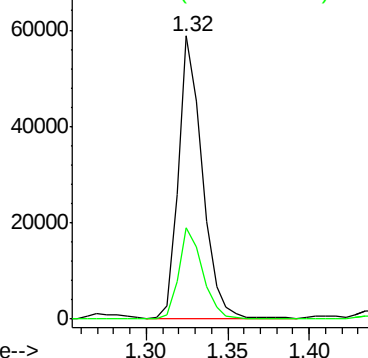
50 100

52 32.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003009.D

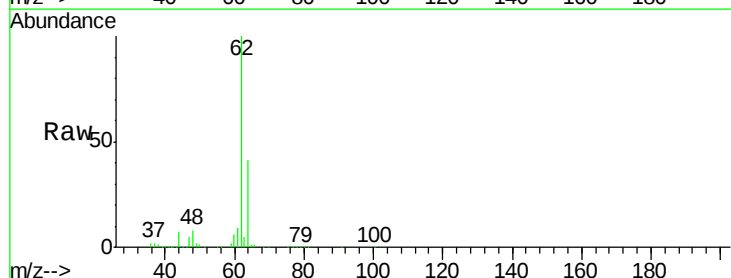
Acq: 29 Jun 2018 02:44

Tgt Ion: 62 Resp: 65242

Ion Ratio Lower Upper

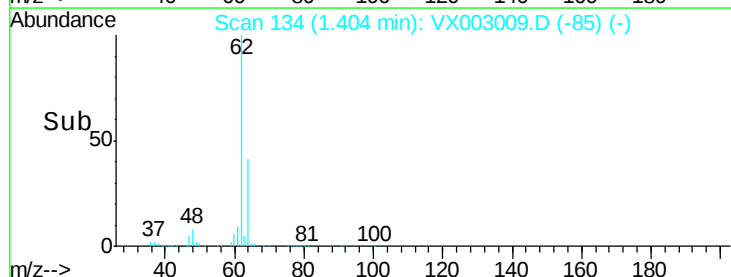
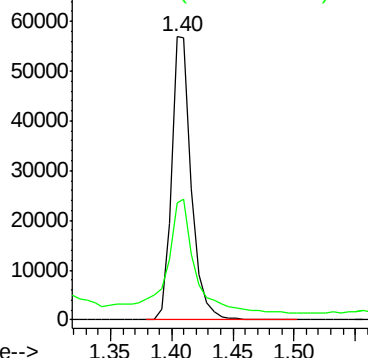
62 100

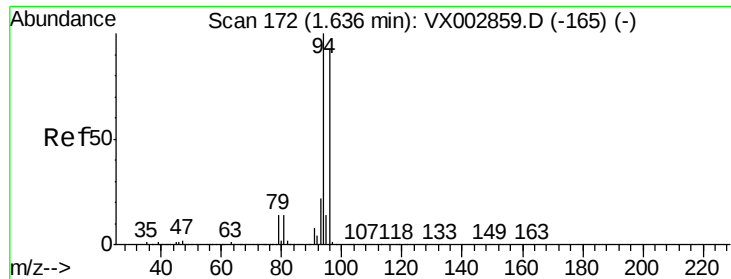
64 38.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.75 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampled :

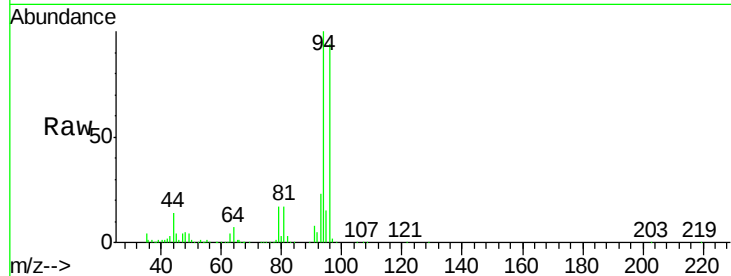
VX0628WBS03

Tot Ion: 94 Resp: 29509

Ion Ratio Lower Upper

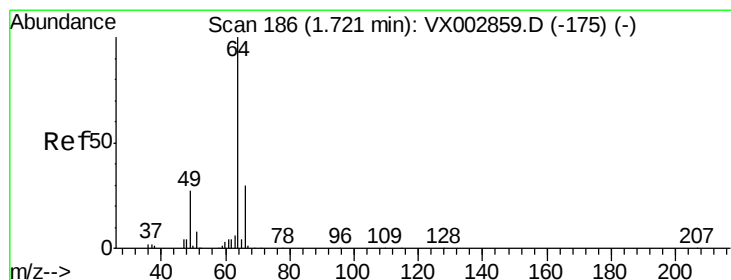
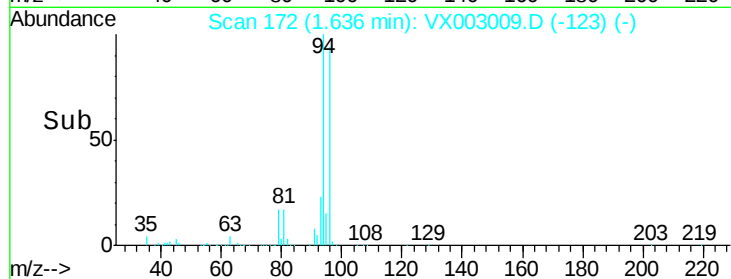
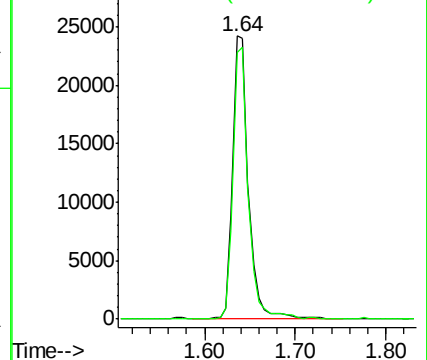
94 100

96 94.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.46 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003009.D

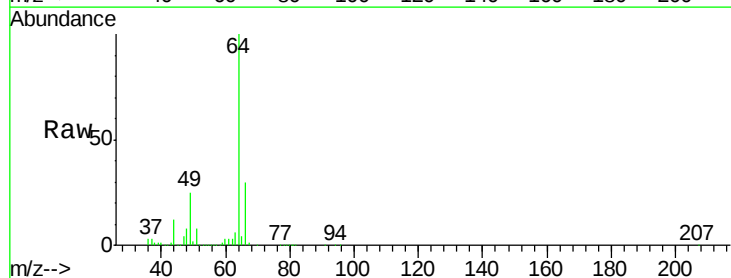
Acq: 29 Jun 2018 02:44

Tgt Ion: 64 Resp: 41271

Ion Ratio Lower Upper

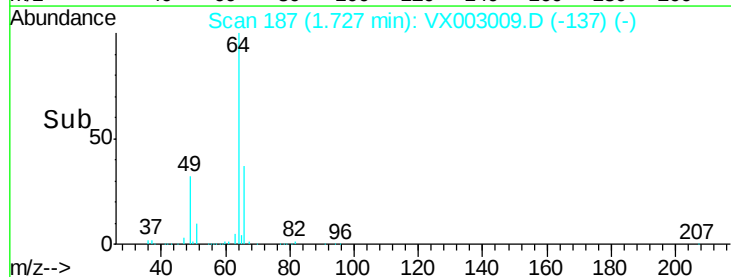
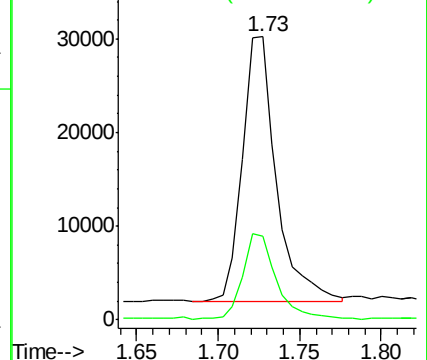
64 100

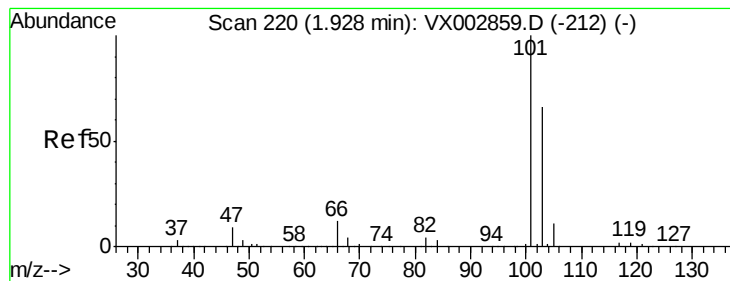
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.21 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

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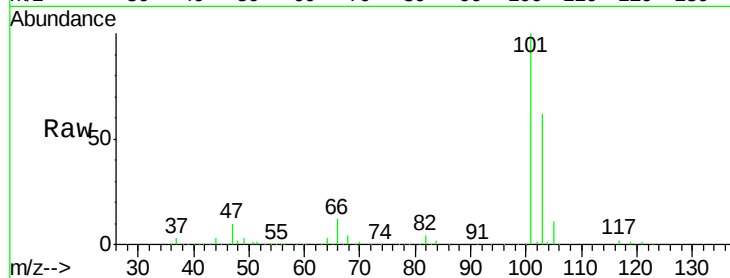
VX0628WBS03

Tot Ion:101 Resp: 105021

Ion Ratio Lower Upper

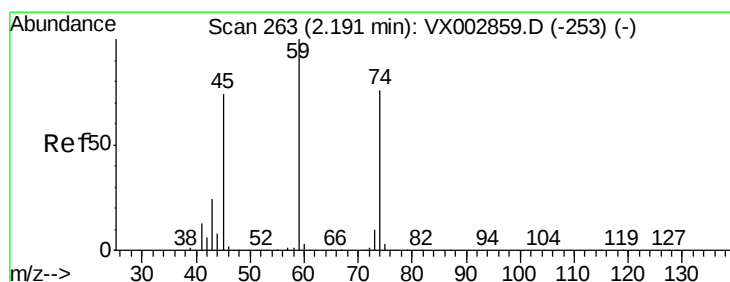
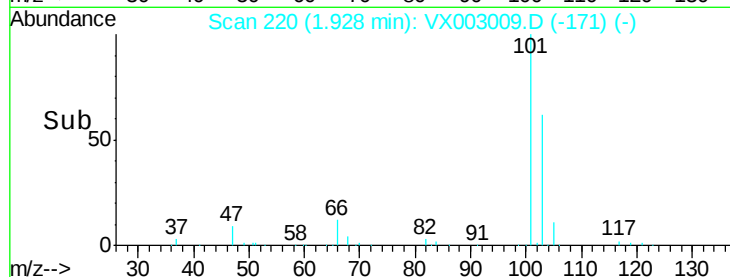
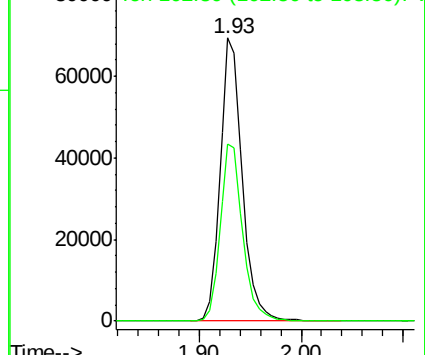
101 100

103 62.4 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.81 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003009.D

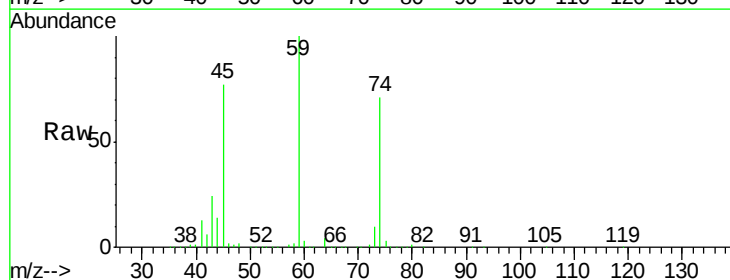
Acq: 29 Jun 2018 02:44

Tgt Ion: 74 Resp: 37378

Ion Ratio Lower Upper

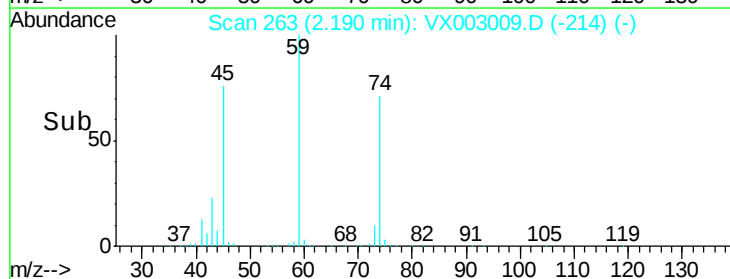
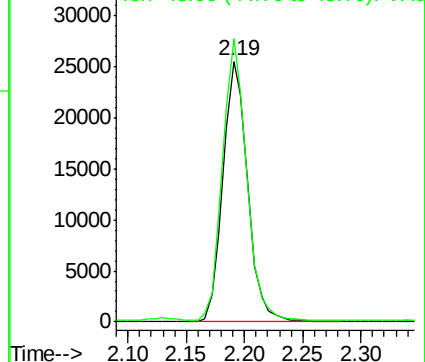
74 100

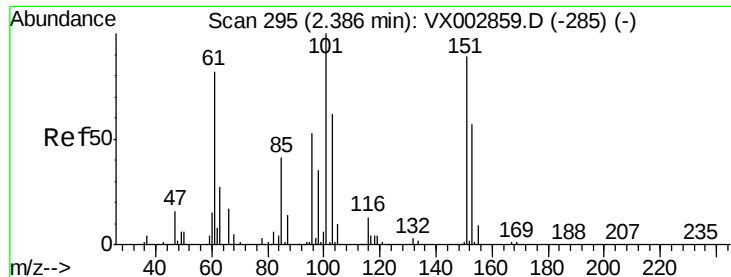
45 105.6 53.1 159.4



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: 18.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

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ClientSampleId :

VX0628WBS03

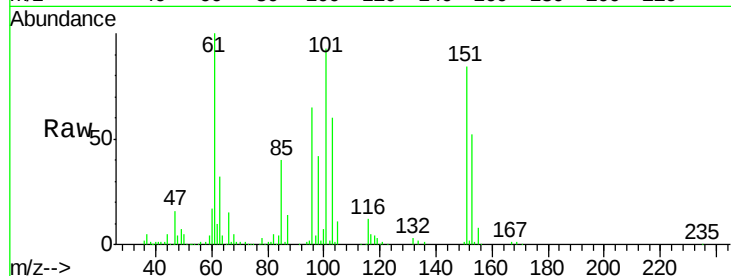
Tot Ion:101 Resp: 58658

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

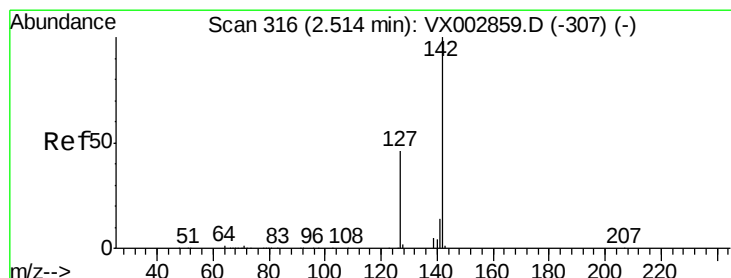
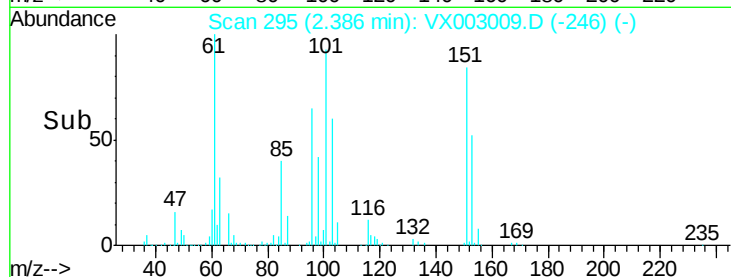
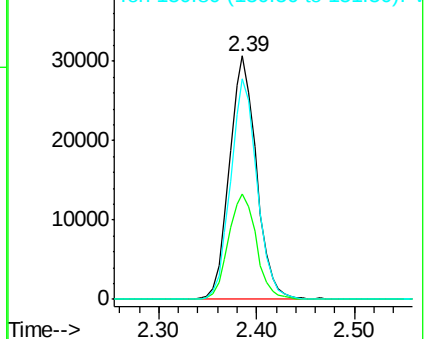
151 89.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.69 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

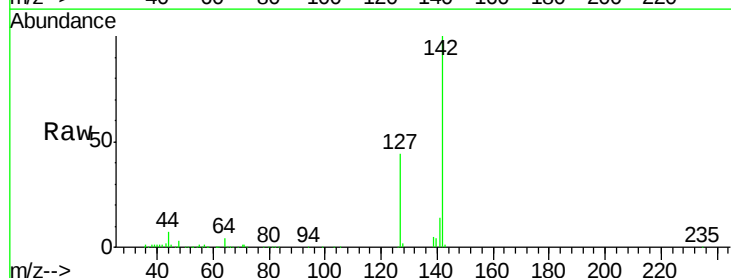
Tgt Ion:142 Resp: 45714

Ion Ratio Lower Upper

142 100

127 45.3 36.6 55.0

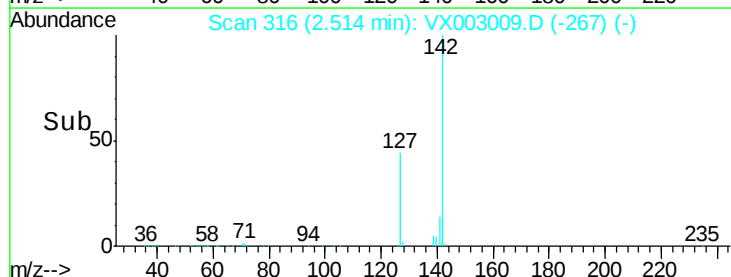
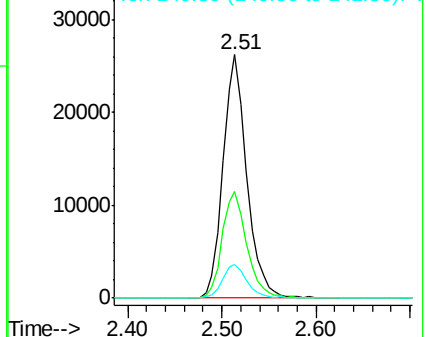
141 14.5 11.3 16.9

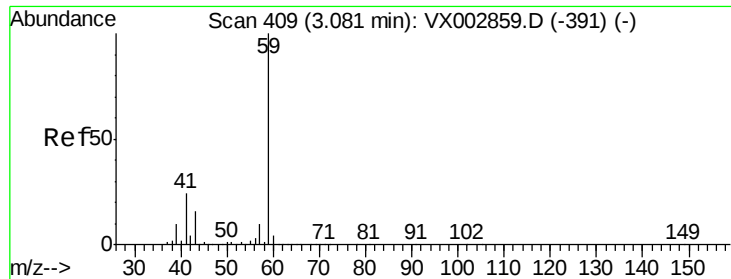


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



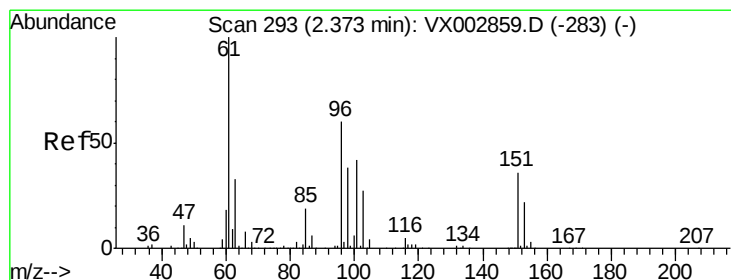
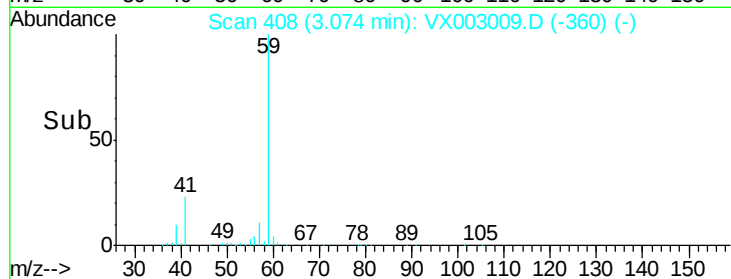
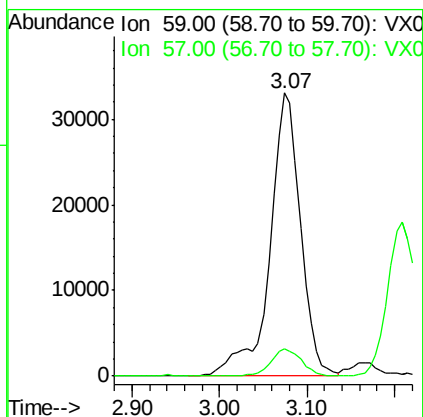
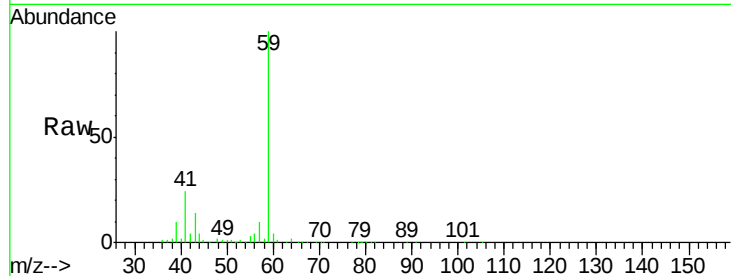


#11

Tert butyl alcohol
 Concen: 102.86 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

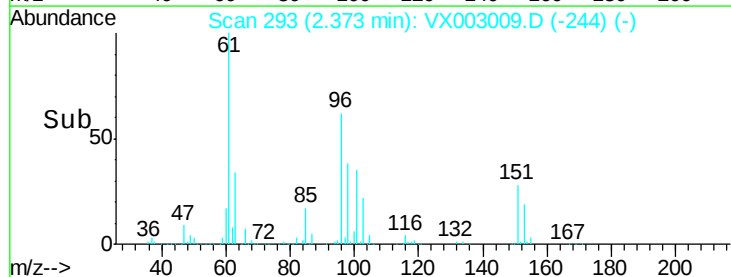
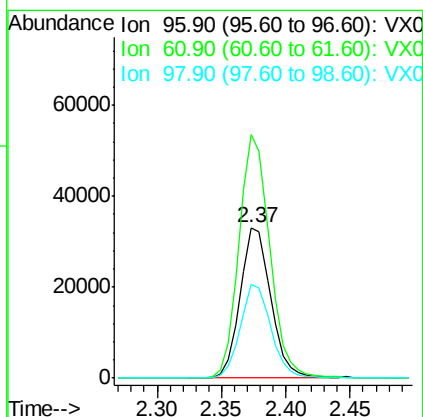
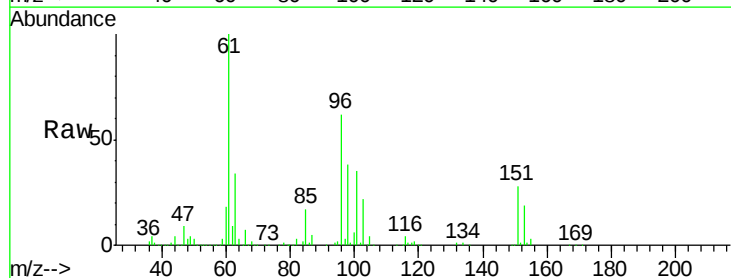
Tot Ion: 59 Resp: 81150
 Ion Ratio Lower Upper
 59 100
 57 9.0 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 19.28 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion: 96 Resp: 54487
 Ion Ratio Lower Upper
 96 100
 61 162.1 137.9 206.9
 98 62.2 51.6 77.4





#13

Acrolein

Concen: 93.39 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampled :

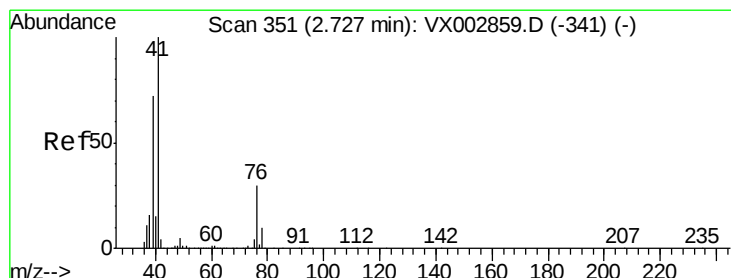
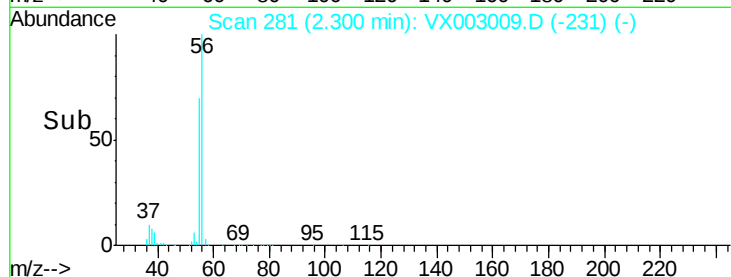
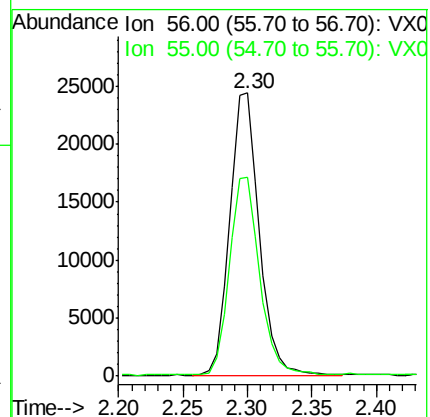
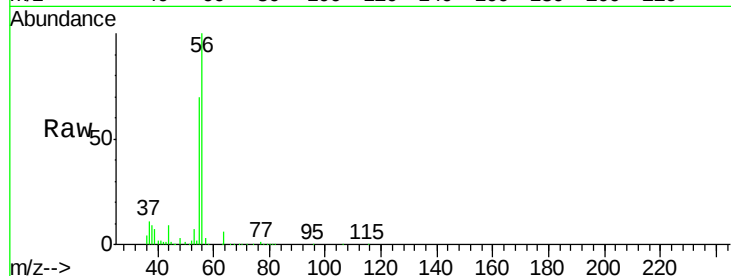
VX0628WBS03

Tot Ion: 56 Resp: 39668

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 18.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

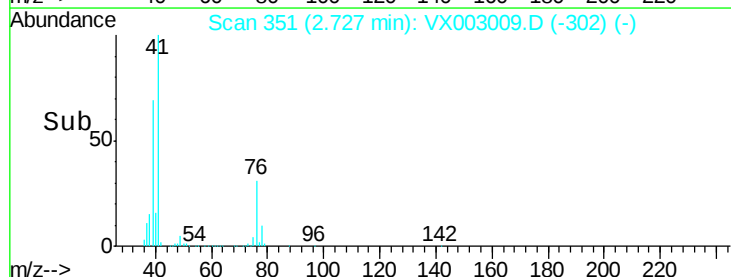
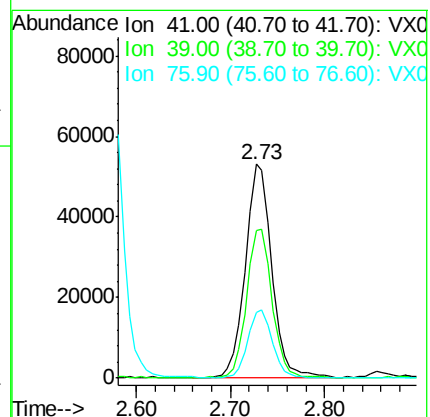
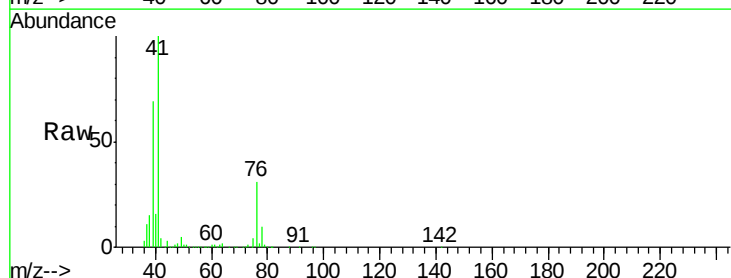
Tgt Ion: 41 Resp: 102817

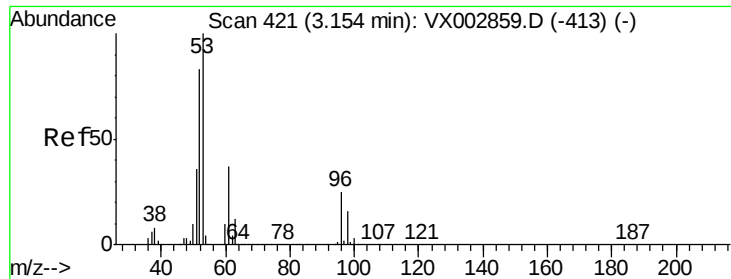
Ion Ratio Lower Upper

41 100

39 67.4 56.8 85.2

76 29.6 23.8 35.8





#15

Acrylonitrile

Concen: 97.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS03

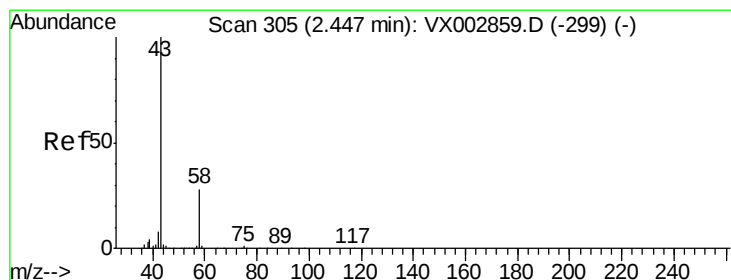
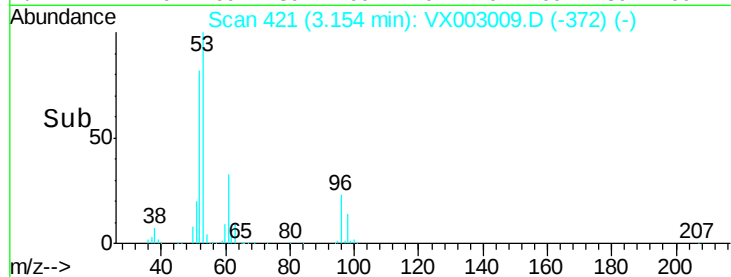
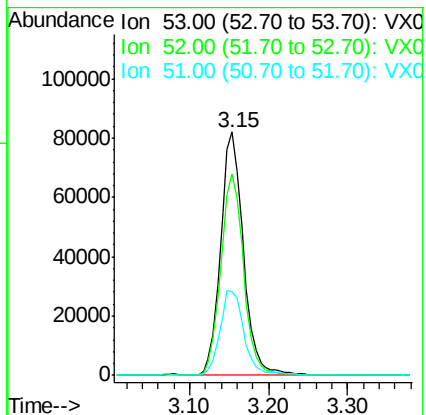
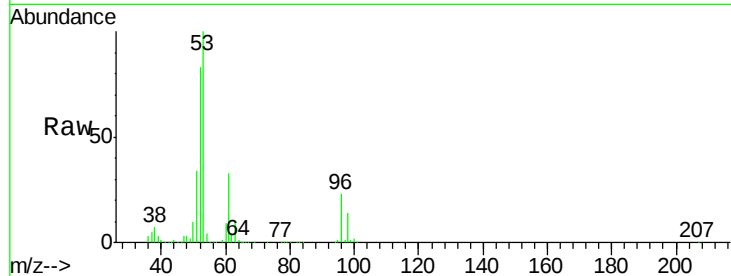
Tot Ion: 53 Resp: 163918

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 91.28 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003009.D

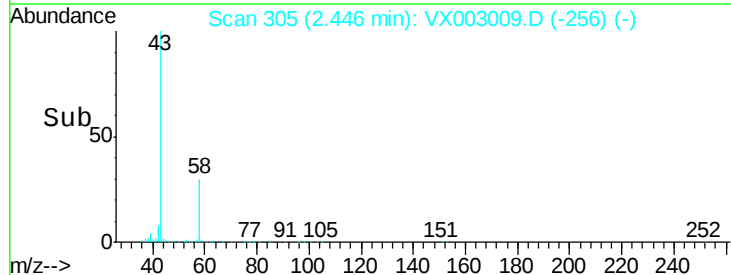
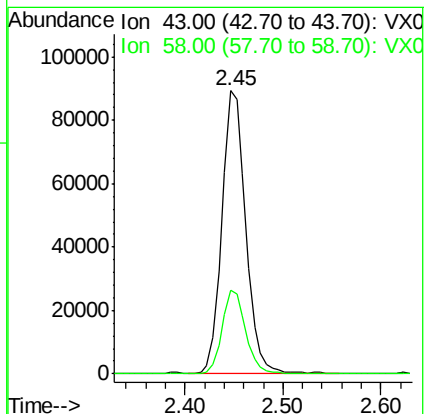
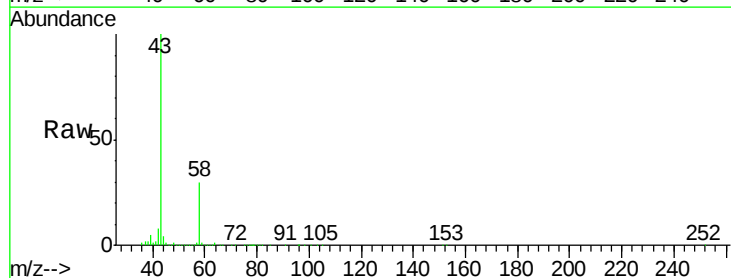
Acq: 29 Jun 2018 02:44

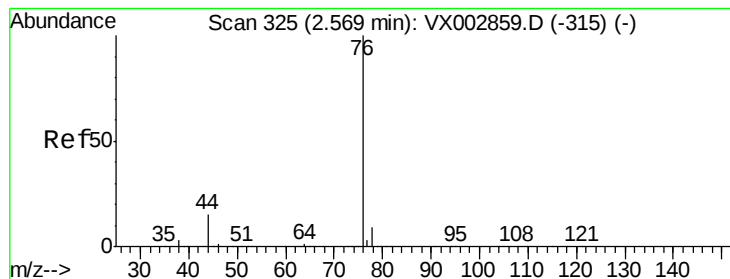
Tgt Ion: 43 Resp: 149710

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1





#17

Carbon Disulfide

Concen: 20.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

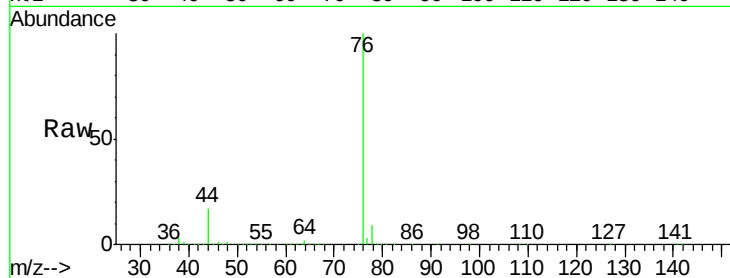
VX0628WBS03

Tot Ion: 76 Resp: 152904

Ion Ratio Lower Upper

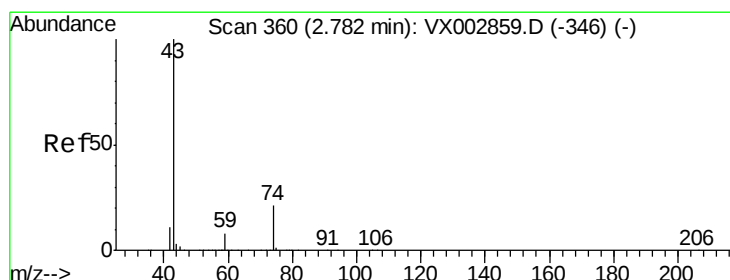
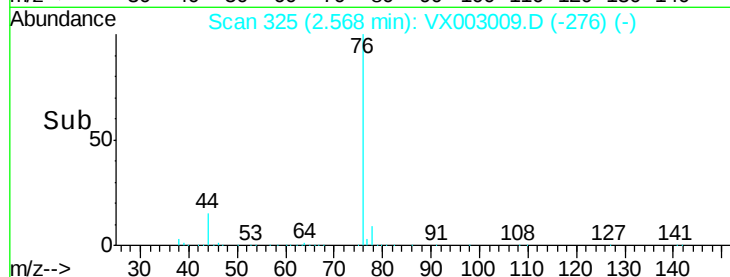
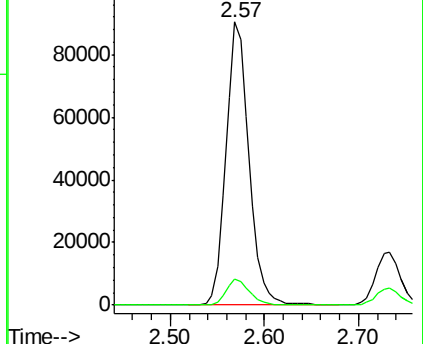
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.33 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003009.D

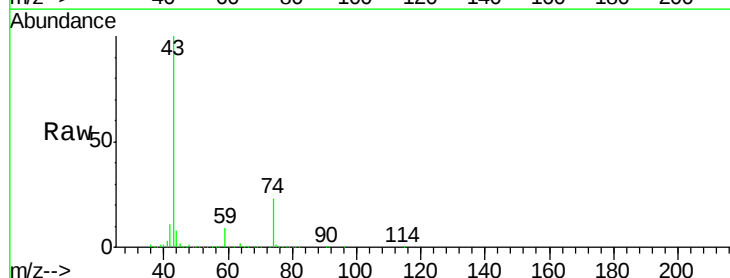
Acq: 29 Jun 2018 02:44

Tgt Ion: 43 Resp: 79460

Ion Ratio Lower Upper

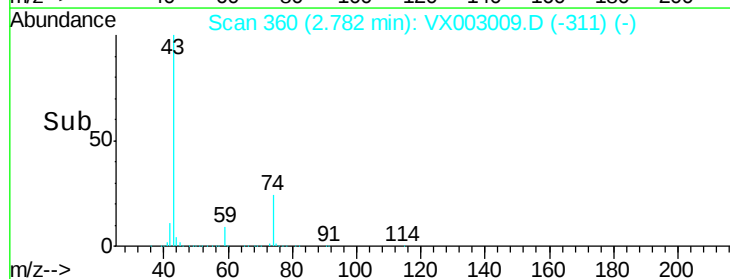
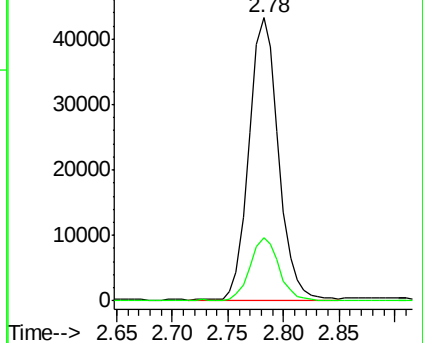
43 100

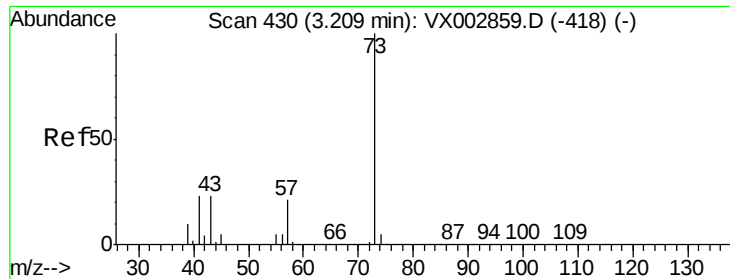
74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

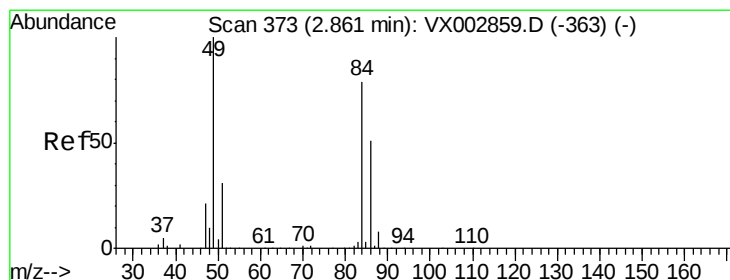
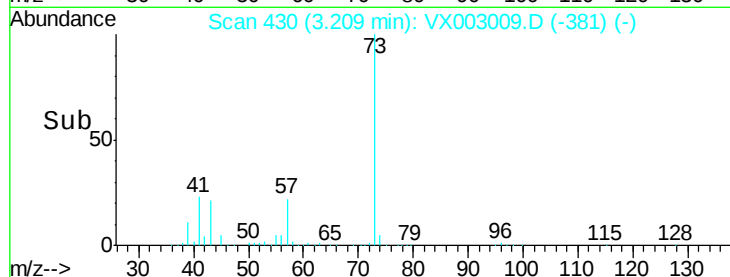
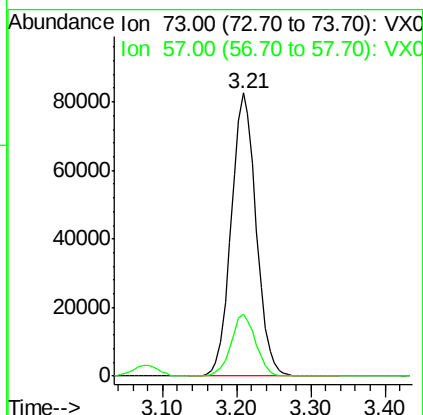
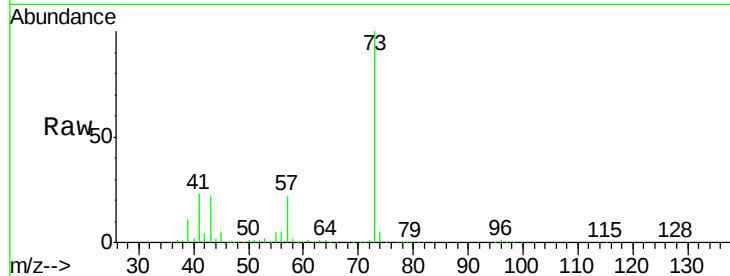




#19
Methvl tert-butvl Ether
Concen: 19.02 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

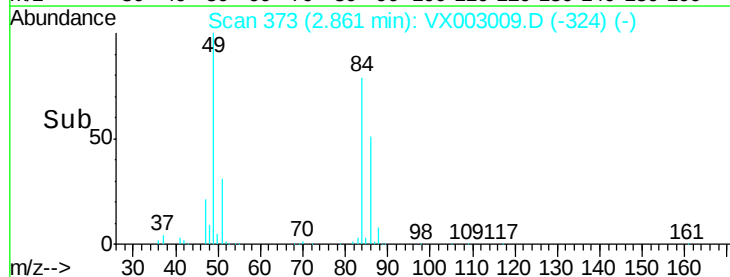
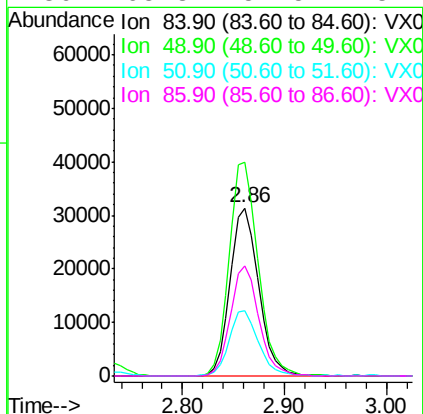
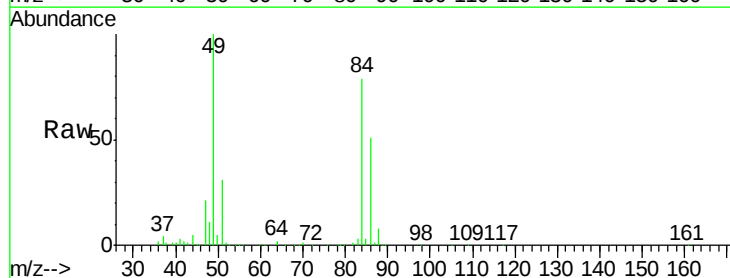
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

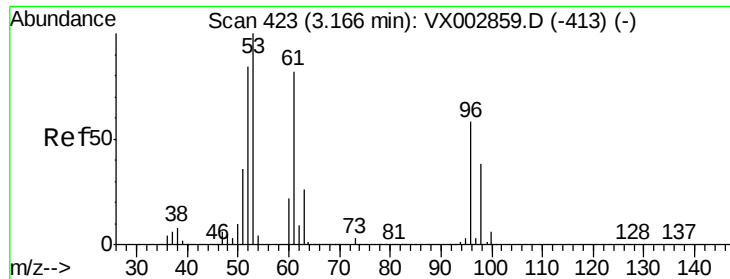
Tot Ion: 73 Resp: 193225
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 19.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 84 Resp: 60951
Ion Ratio Lower Upper
84 100
49 127.2 107.8 161.6
51 38.9 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.86 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

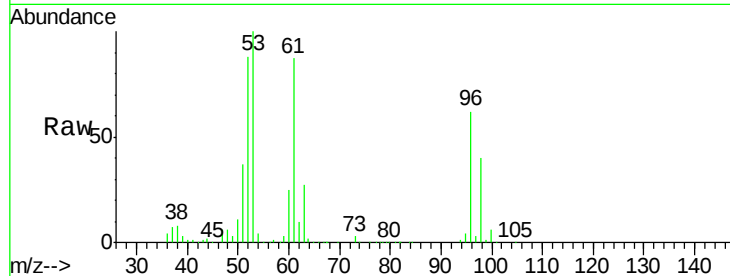
Tot Ion: 96 Resp: 58062

Ion Ratio Lower Upper

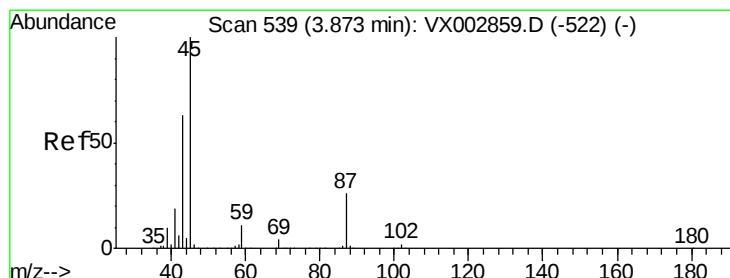
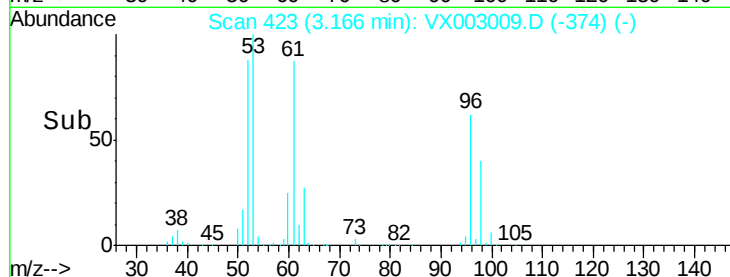
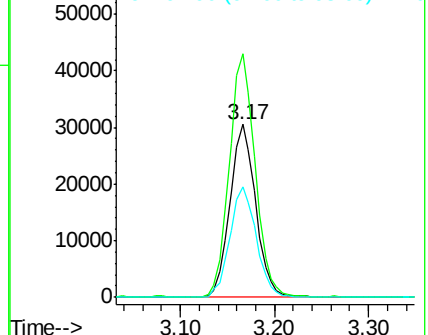
96 100

61 140.7 117.0 175.4

98 64.0 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.84 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Tgt Ion: 45 Resp: 211237

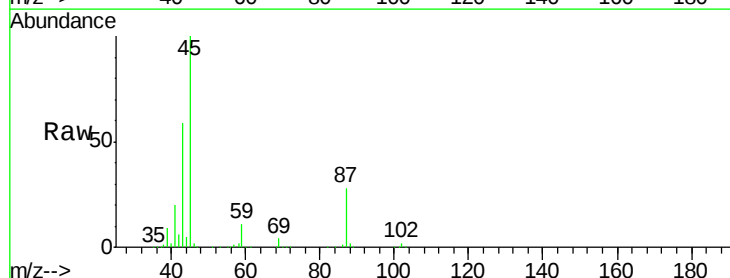
Ion Ratio Lower Upper

45 100

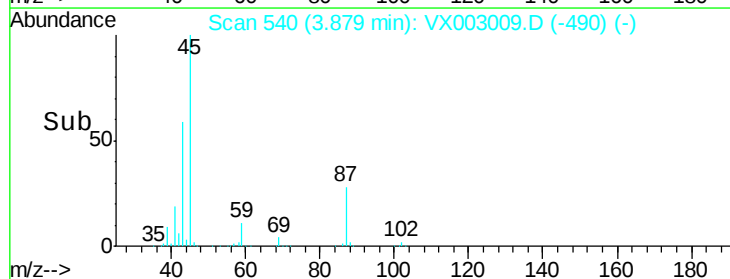
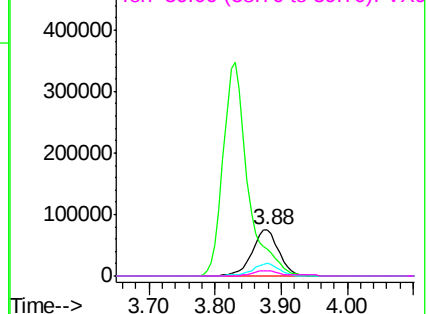
43 58.8 46.8 70.2

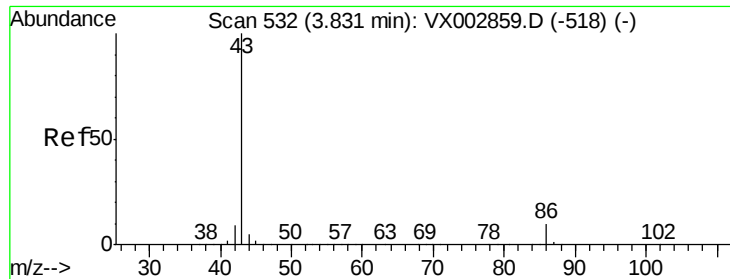
87 28.0 20.2 30.4

59 10.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.08 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

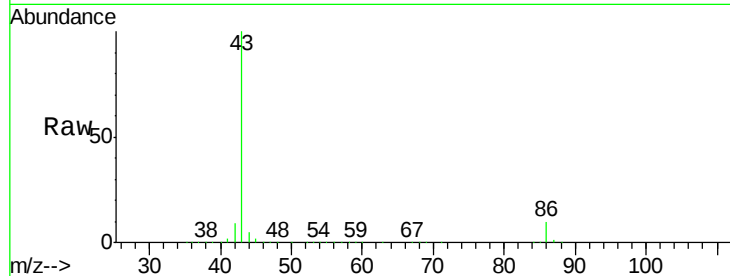
VX0628WBS03

Tot Ion: 43 Resp: 902285

Ion Ratio Lower Upper

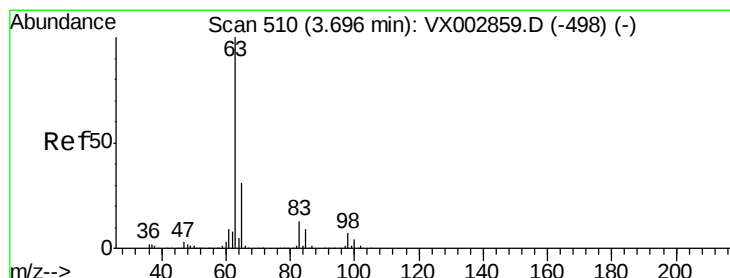
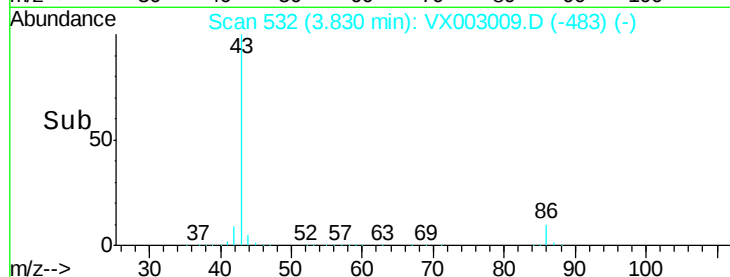
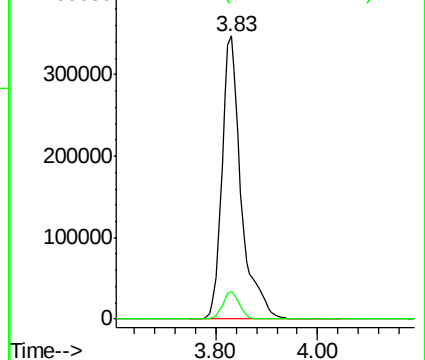
43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.70 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

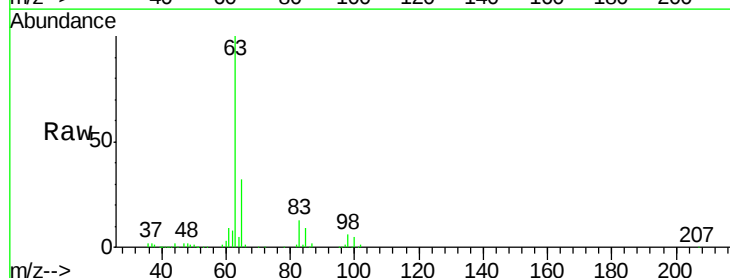
Tgt Ion: 63 Resp: 114001

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

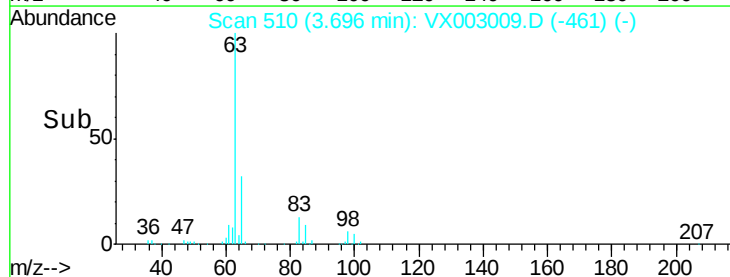
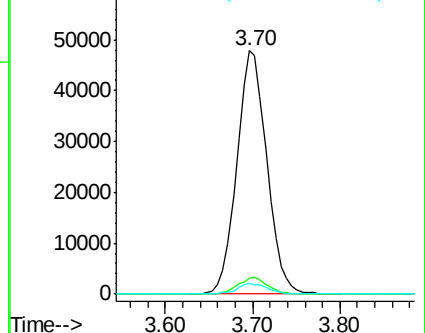
100 4.5 2.0 6.0

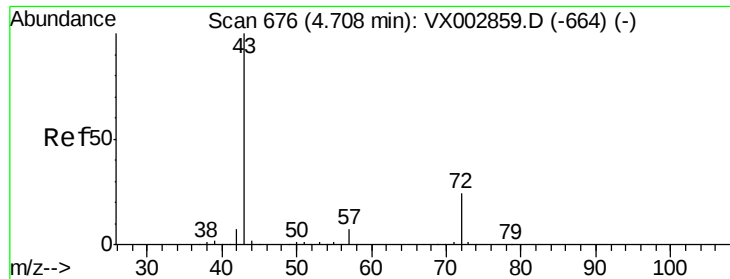


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

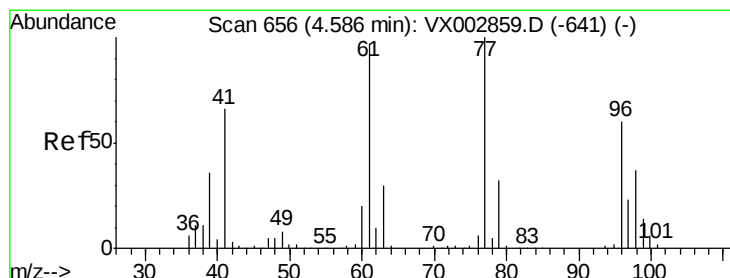
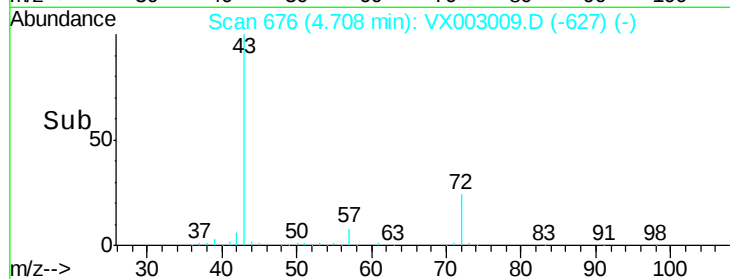
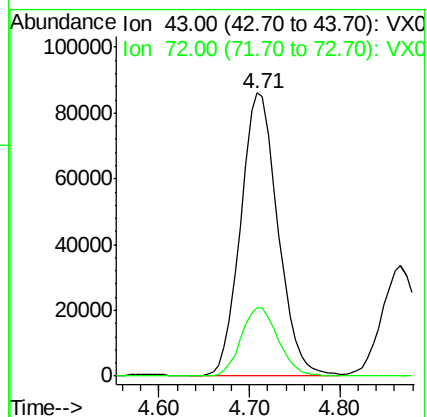
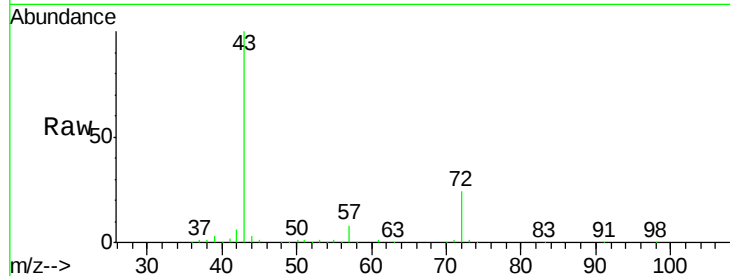
VX0628WBS03

Tot Ion: 43 Resp: 244107

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 13.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003009.D

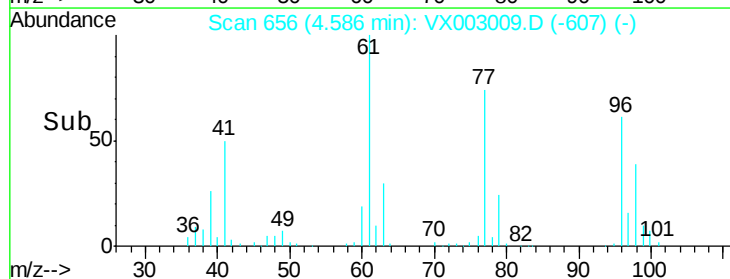
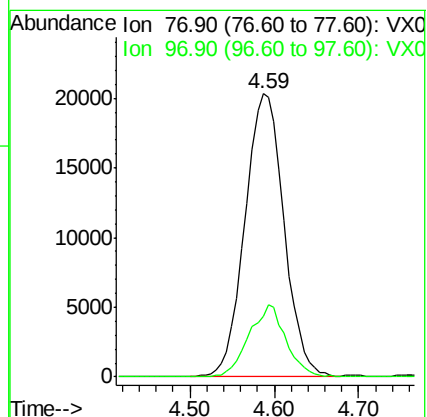
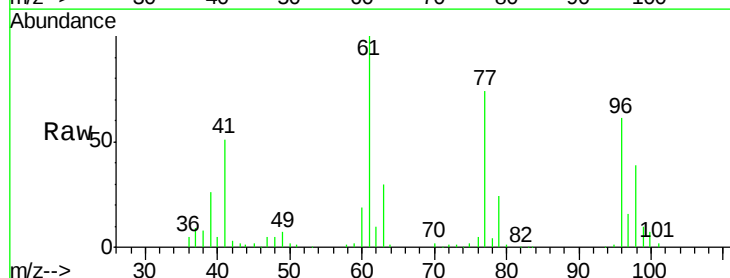
Acq: 29 Jun 2018 02:44

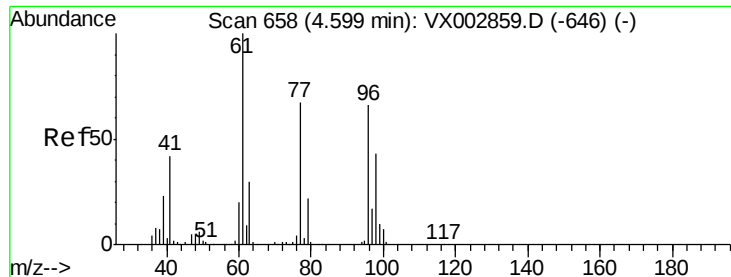
Tgt Ion: 77 Resp: 64172

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

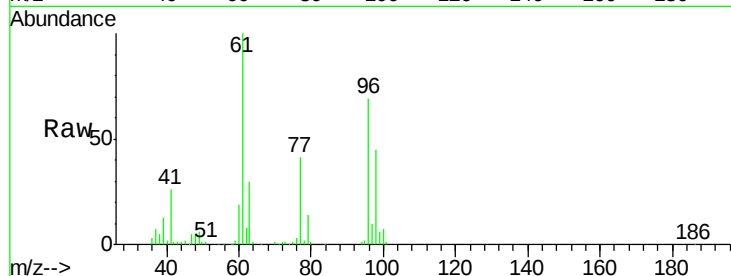
Tot Ion: 96 Resp: 69377

Ion Ratio Lower Upper

96 100

61 160.3 0.0 330.2

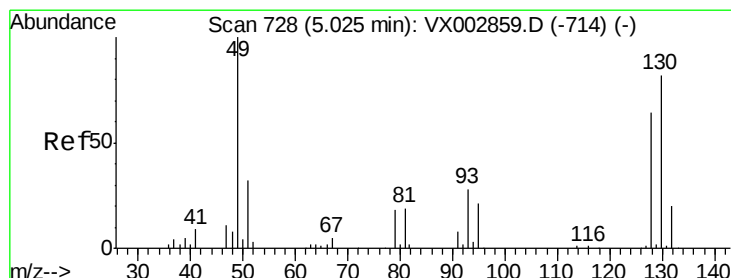
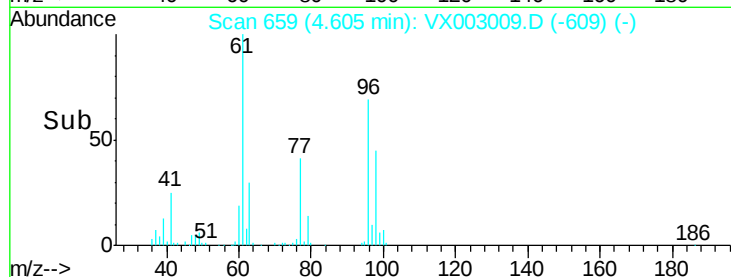
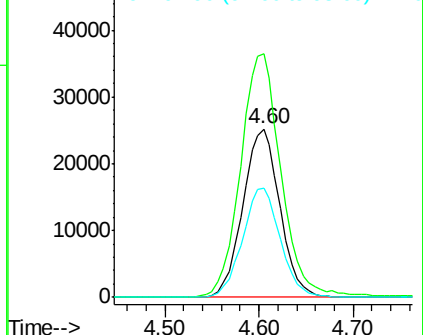
98 66.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.19 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

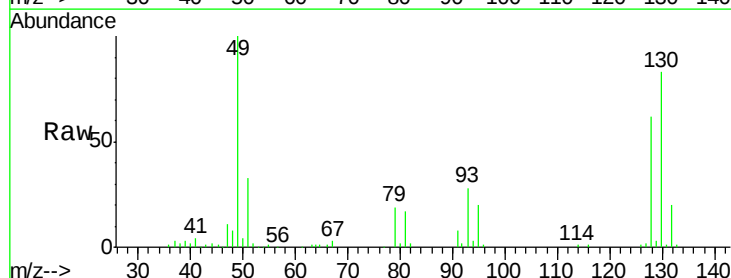
Tgt Ion: 49 Resp: 55922

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

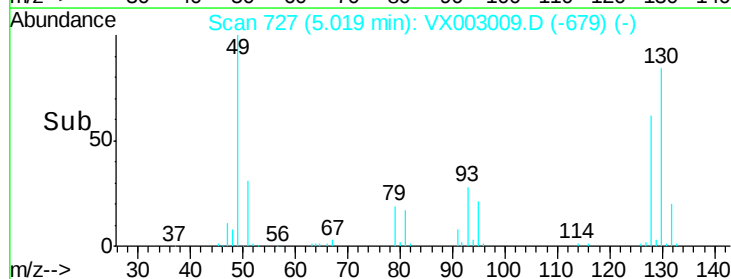
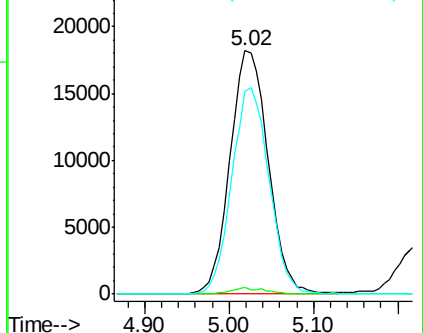
130 82.7 61.2 91.8

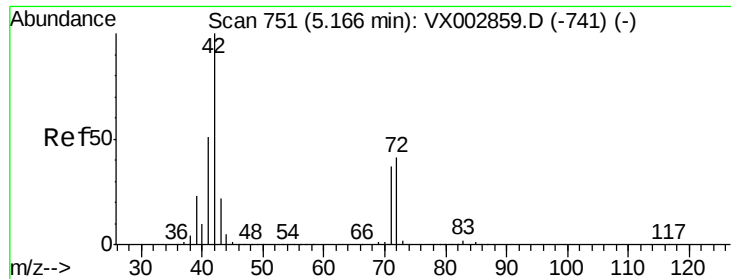


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

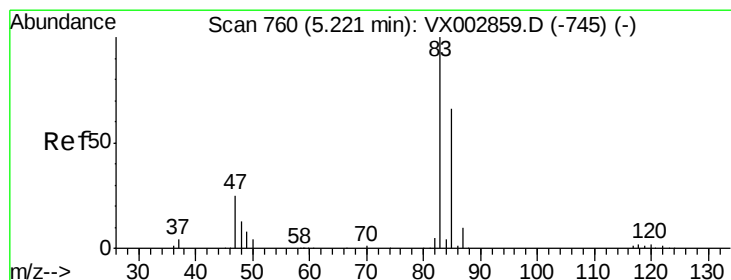
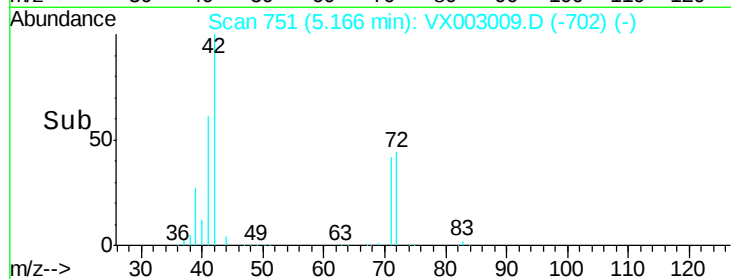
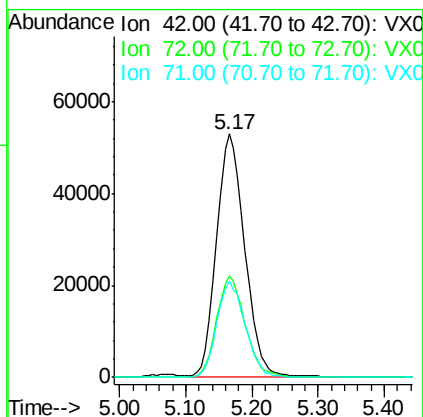
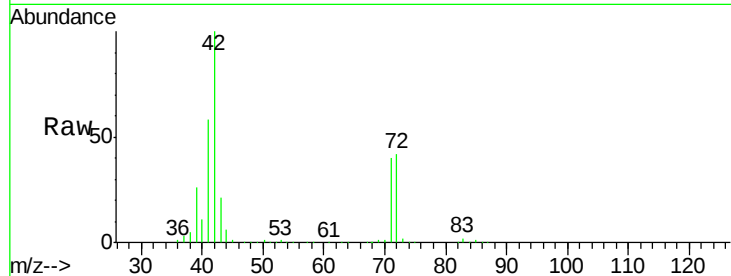




#29
Tetrahydrofuran
Concen: 99.67 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

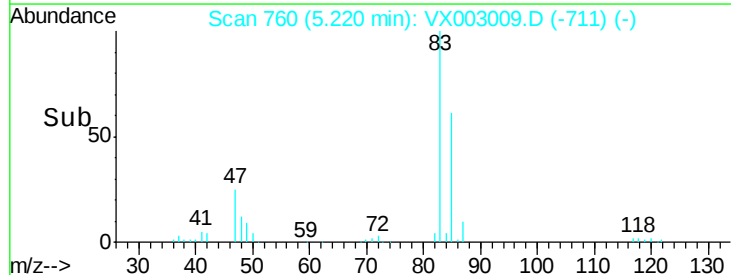
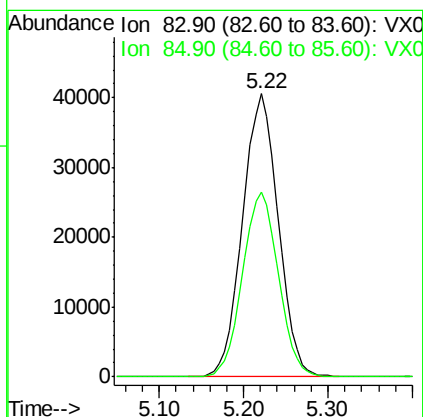
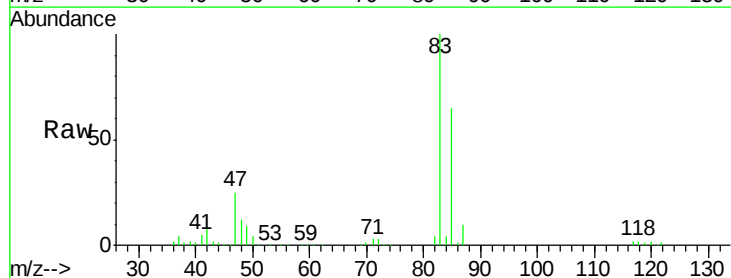
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

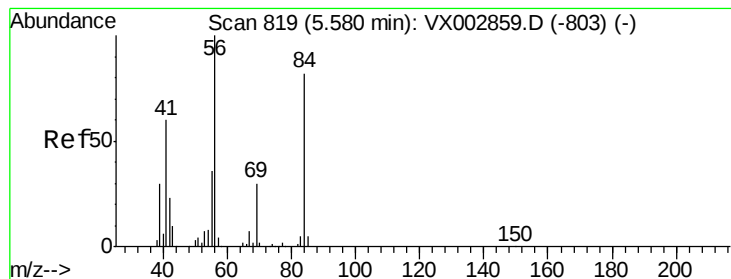
Tot Ion: 42 Resp: 155573
Ion Ratio Lower Upper
42 100
72 42.3 32.0 48.0
71 39.7 30.1 45.1



#30
Chloroform
Concen: 19.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 83 Resp: 116869
Ion Ratio Lower Upper
83 100
85 65.3 50.4 75.6





#31

Cyclohexane

Concen: 19.56 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

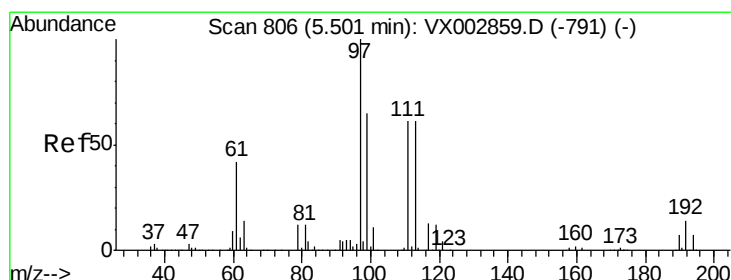
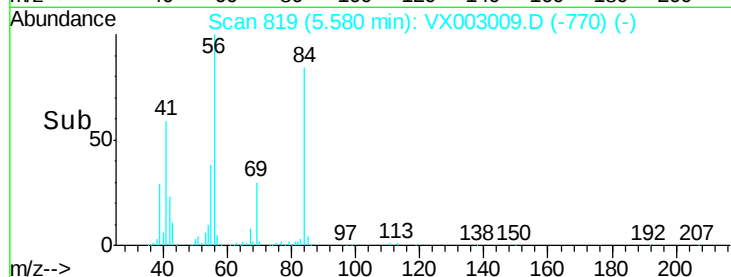
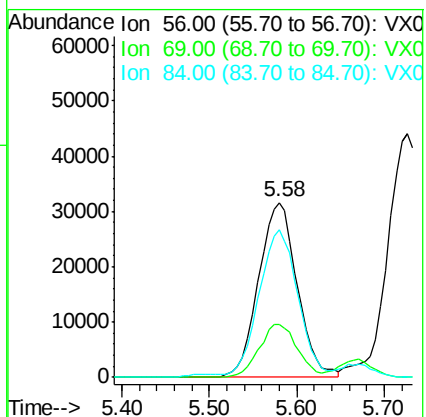
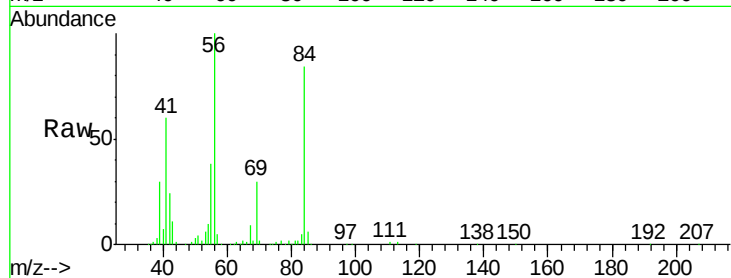
Tot Ion: 56 Resp: 97158

Ion Ratio Lower Upper

56 100

69 30.4 23.7 35.5

84 82.9 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 20.00 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

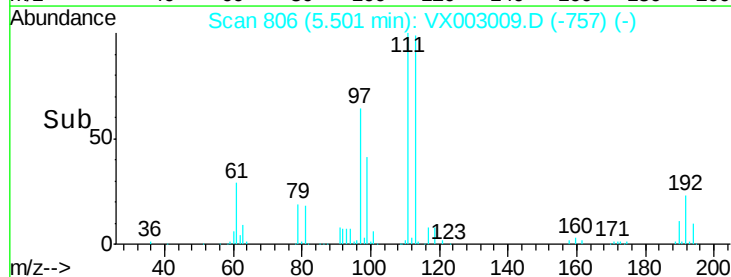
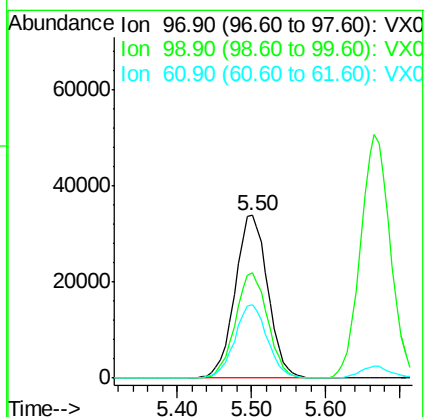
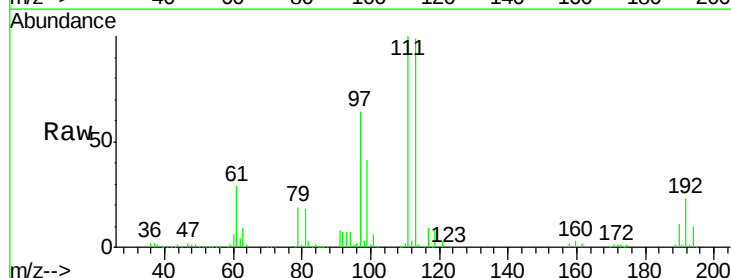
Tgt Ion: 97 Resp: 104533

Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 44.8 36.4 54.6

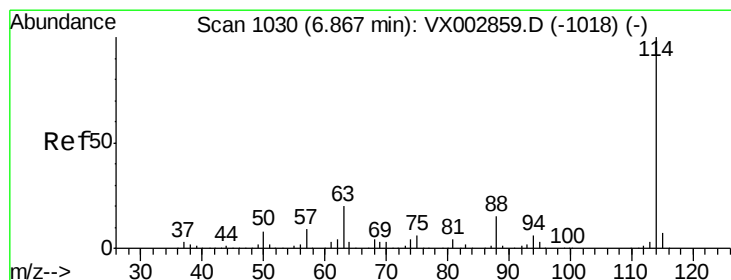
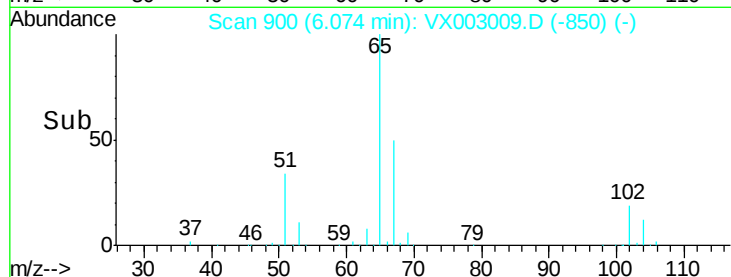
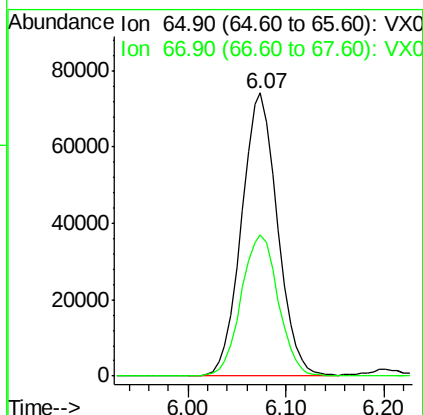
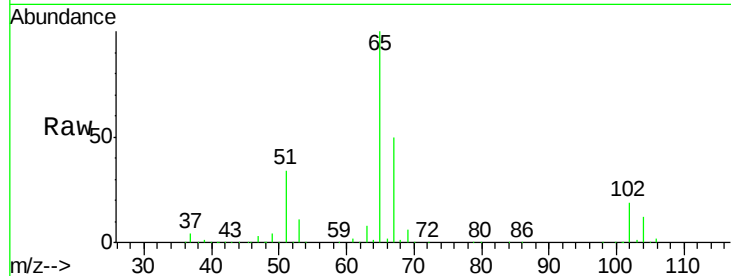




#33
 1,2-Dichloroethane-d4
 Concen: 47.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

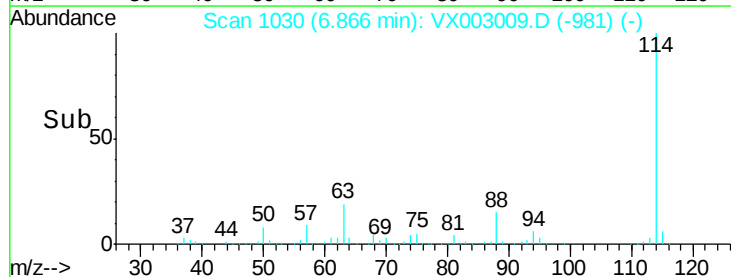
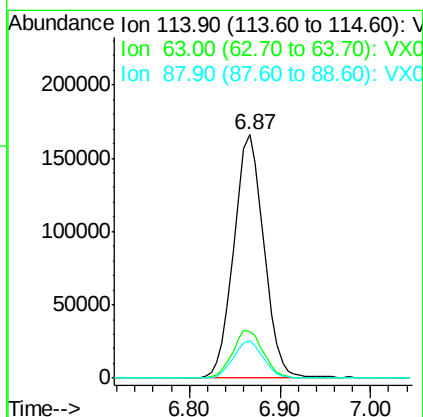
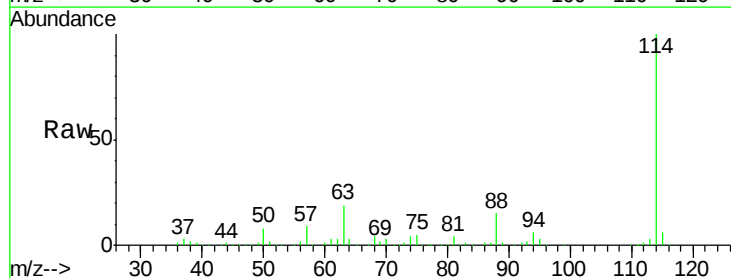
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

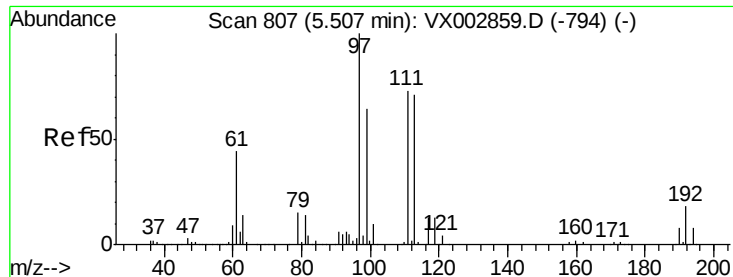
Tot Ion: 65 Resp: 189082
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion: 114 Resp: 382887
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.2 0.0 30.0

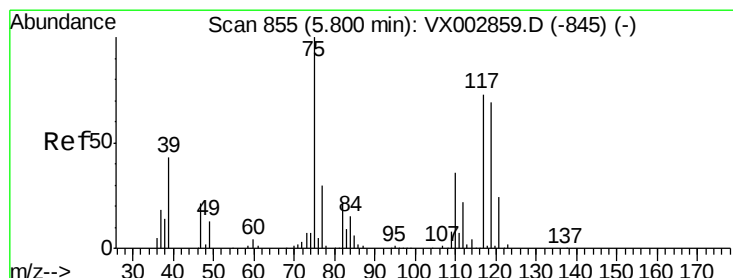
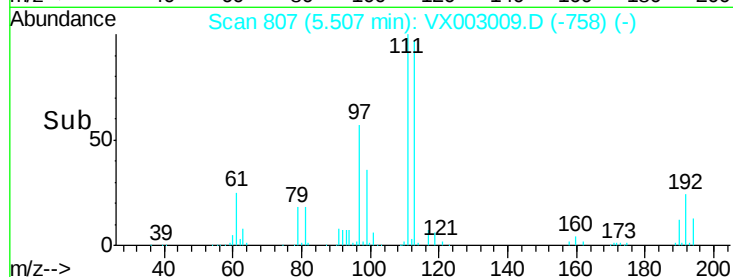
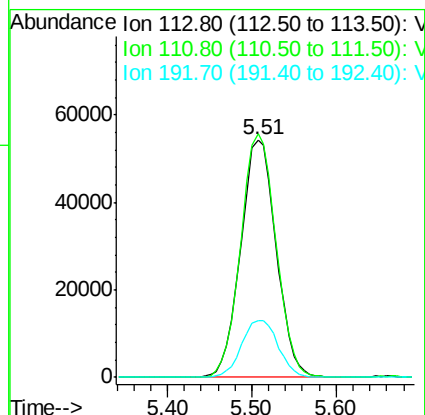
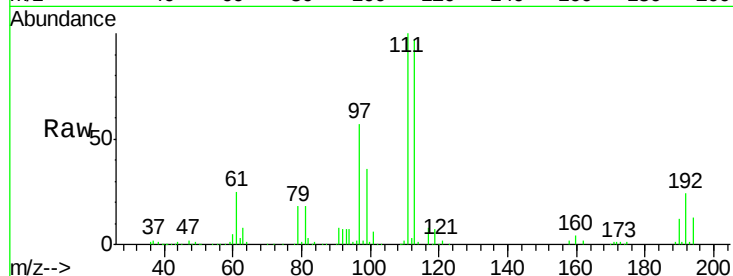




#35
 Dibromofluoromethane
 Concen: 51.04 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

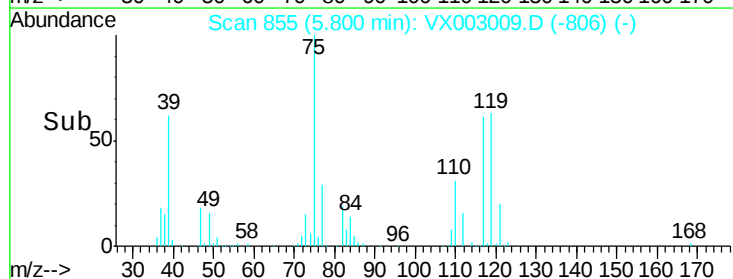
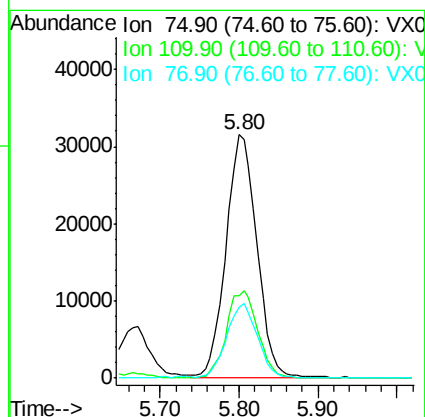
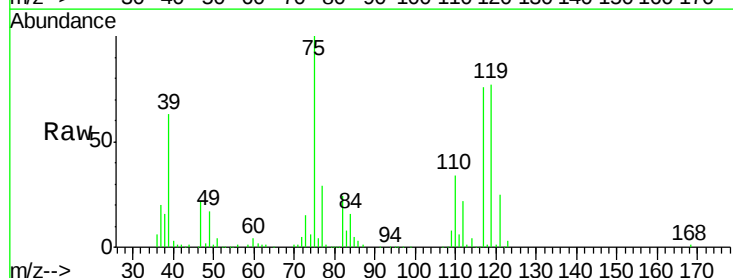
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

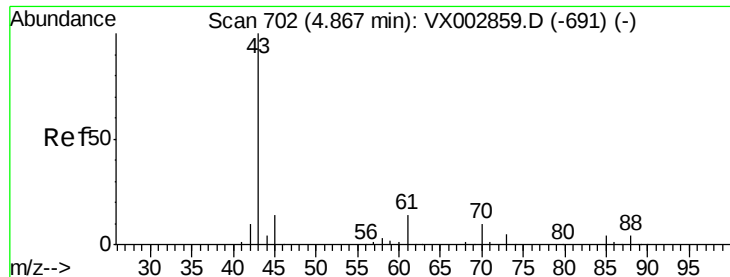
Tot Ion:113 Resp: 154759
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.28 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion: 75 Resp: 85150
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.4
 77 31.1 24.3 36.5

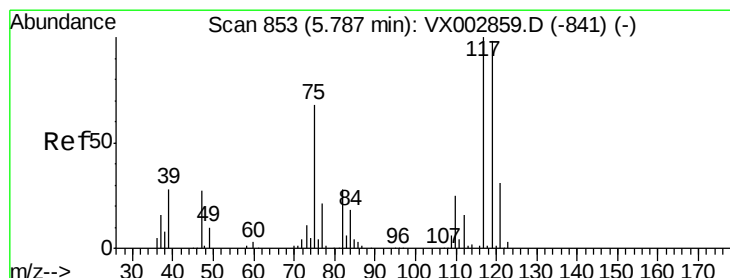
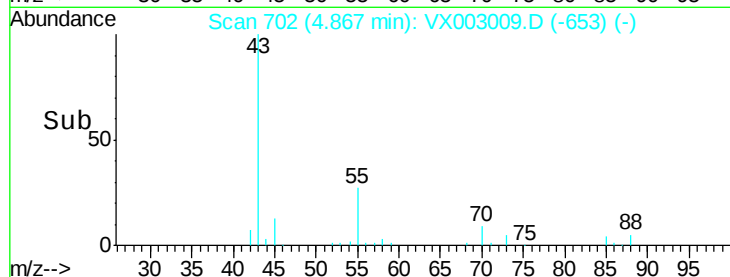
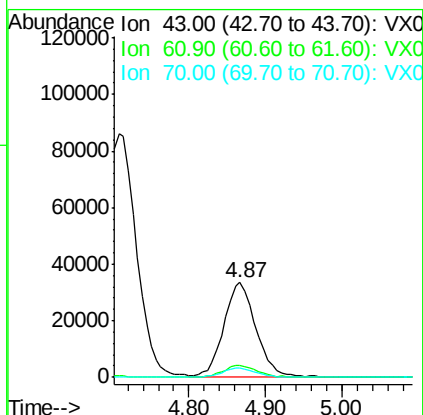
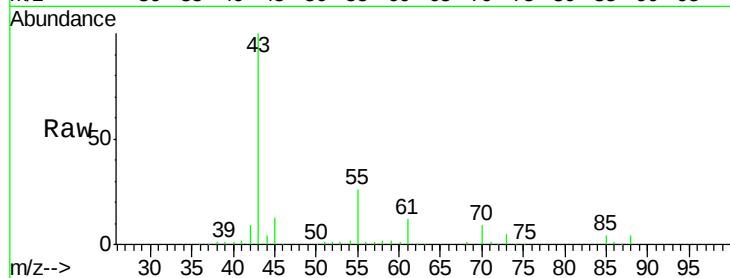




#37
Ethyl Acetate
Concen: 21.23 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

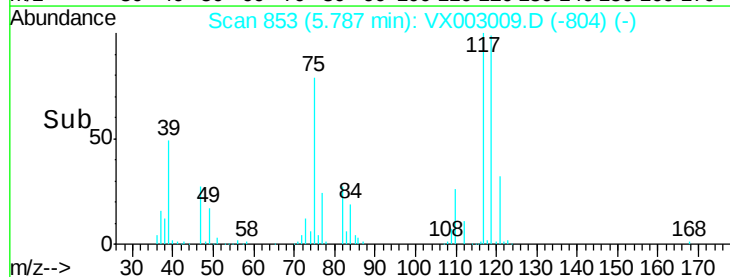
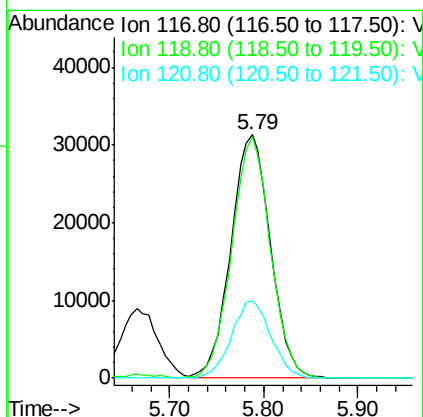
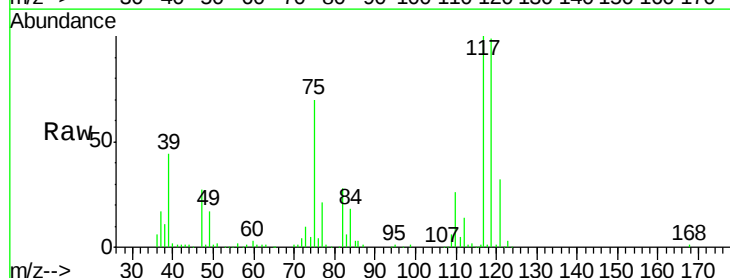
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

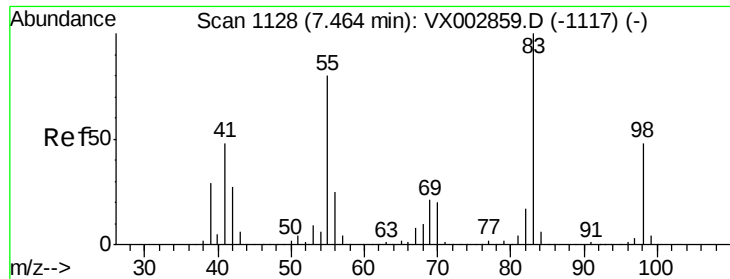
Tot Ion: 43 Resp: 95962
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 117 Resp: 91794
Ion Ratio Lower Upper
117 100
119 98.5 77.4 116.0
121 31.9 24.4 36.6

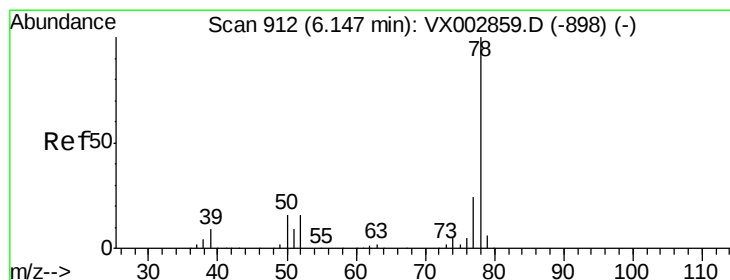
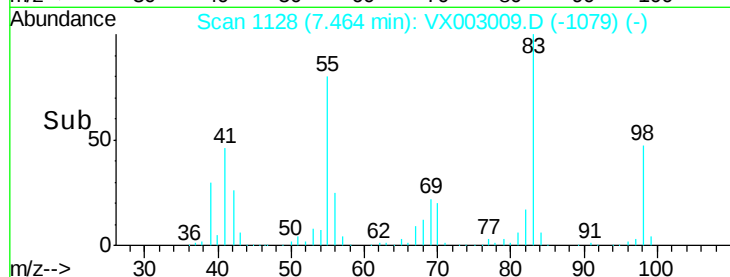
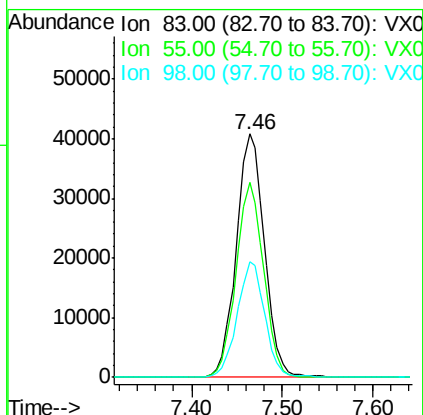
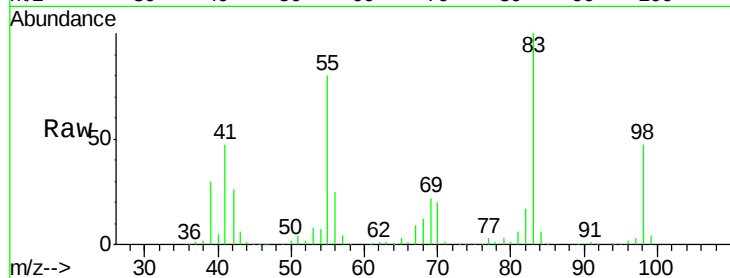




#39
Methvlcvclohexane
Concen: 17.96 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

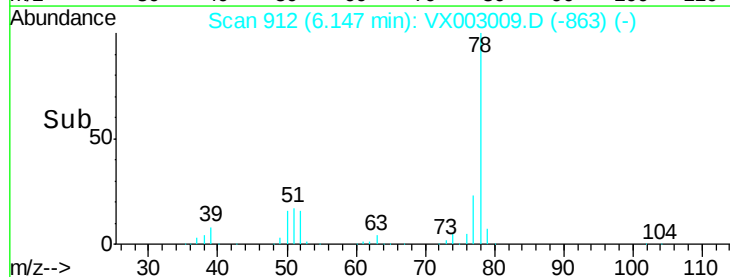
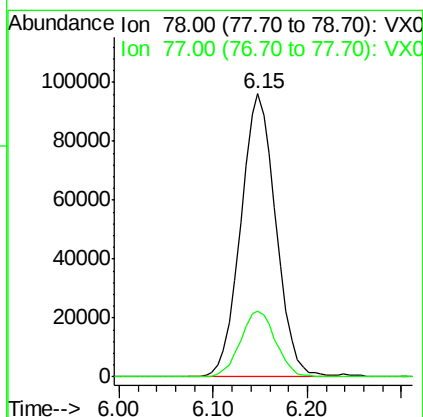
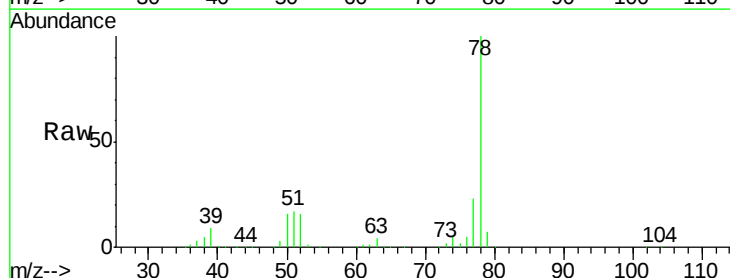
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

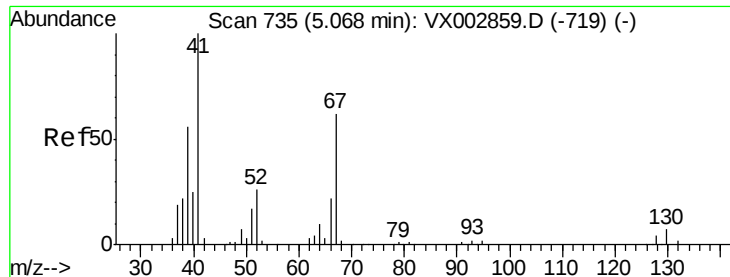
Tot Ion: 83 Resp: 87817
Ion Ratio Lower Upper
83 100
55 80.2 65.4 98.0
98 47.5 37.4 56.0



#40
Benzene
Concen: 20.56 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 78 Resp: 250785
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

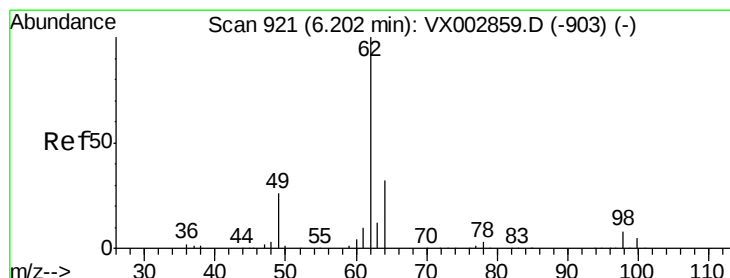
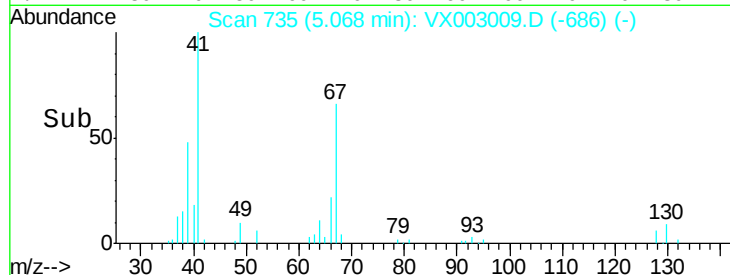
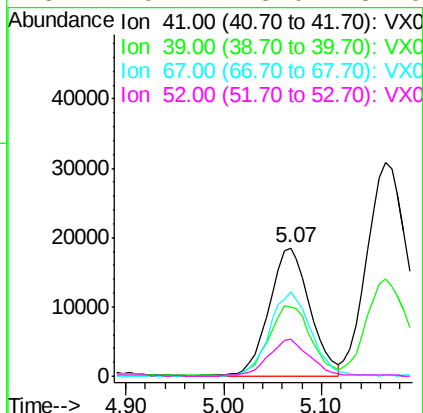
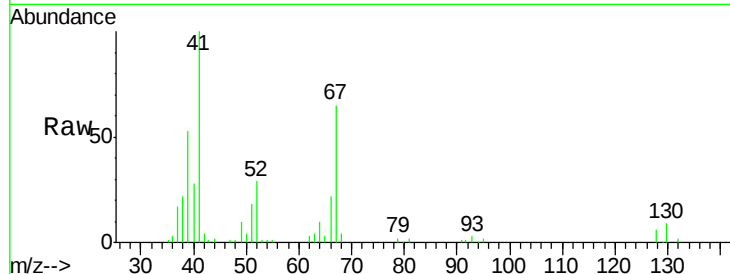




#41
Methacrylonitrile
Concen: 20.59 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

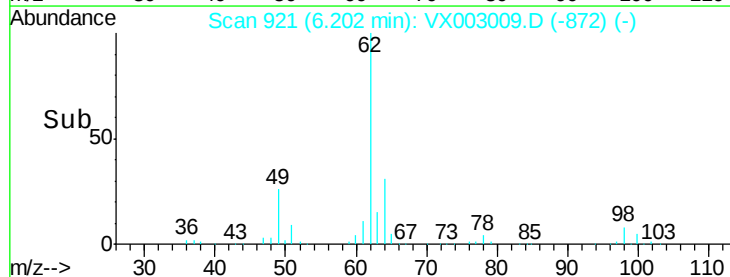
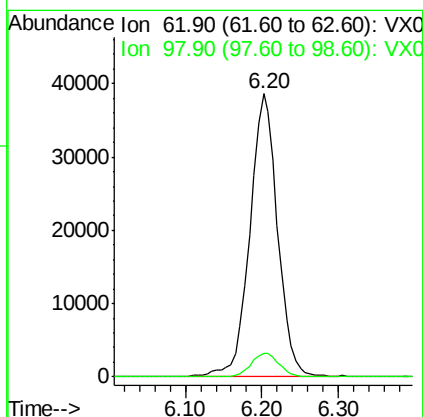
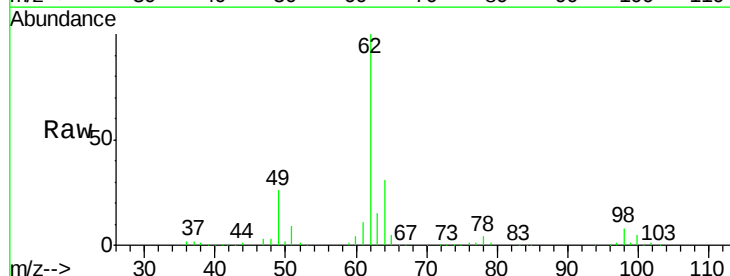
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

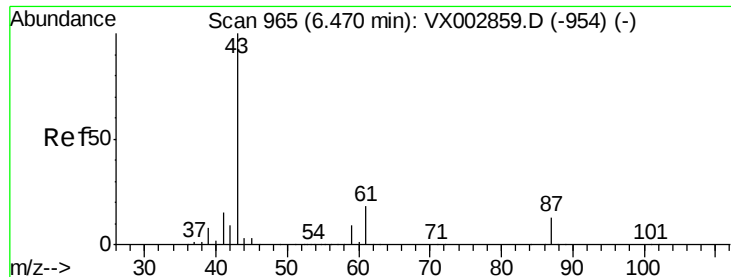
Tot Ion:	41	Resp:	53599
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	67.3	51.3	76.9
52	29.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion:	62	Resp:	96570
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



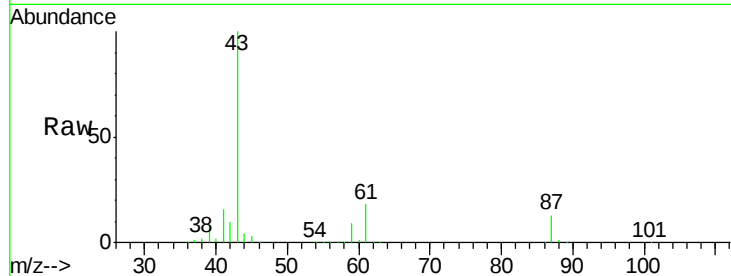


#43

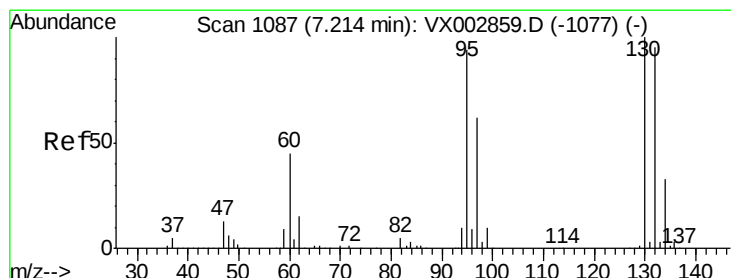
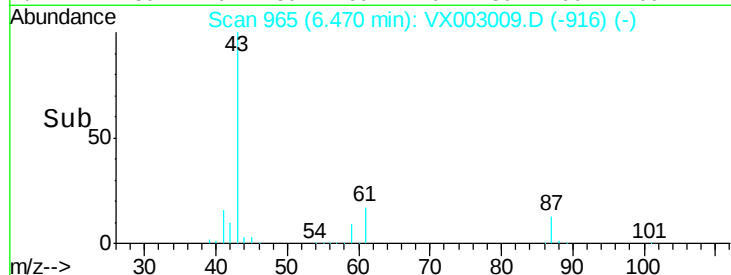
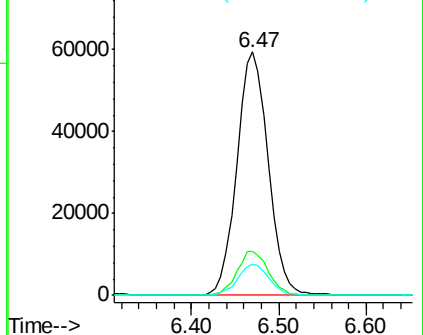
Isopropyl Acetate
 Concen: 19.40 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

Tot Ion: 43 Resp: 147092
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.4 21.6
 87 12.6 9.5 14.3



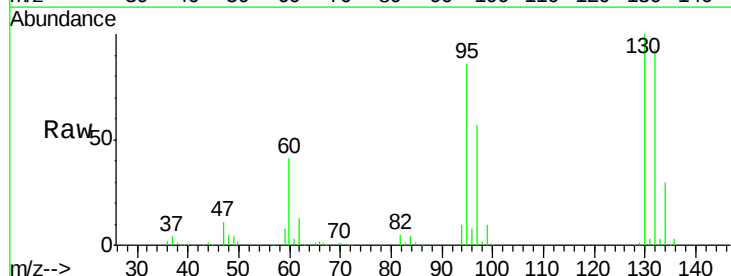
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



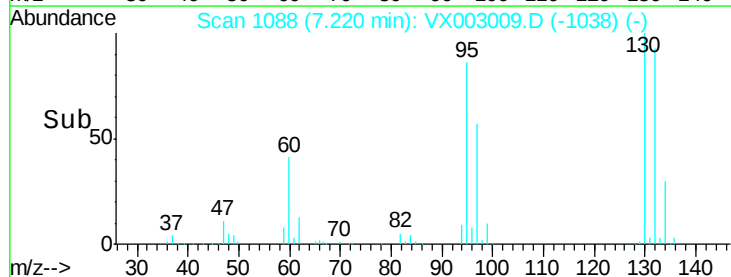
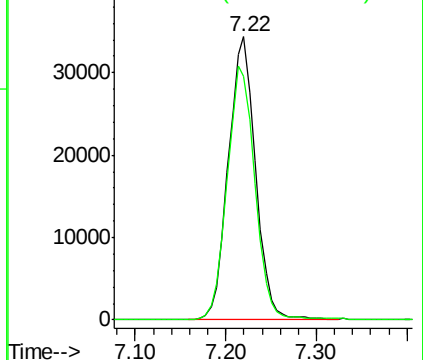
#44

Trichloroethene
 Concen: 19.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion:130 Resp: 71798
 Ion Ratio Lower Upper
 130 100
 95 86.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.29 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

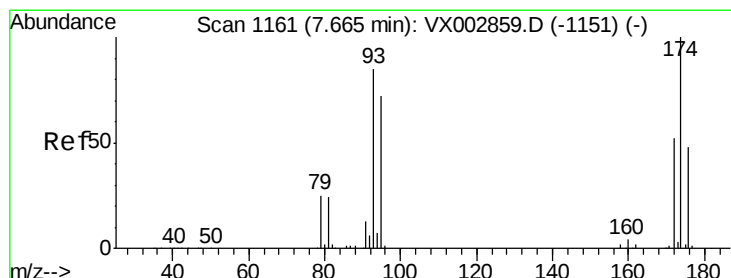
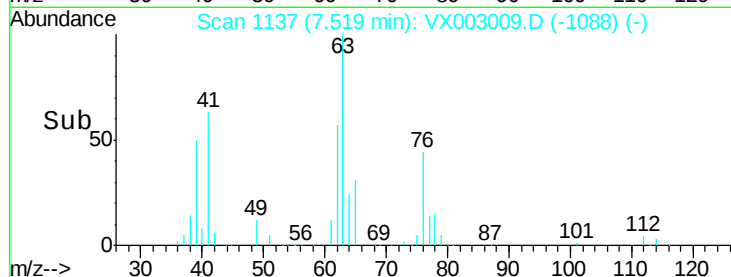
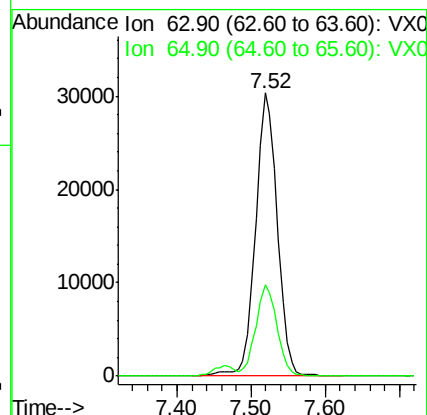
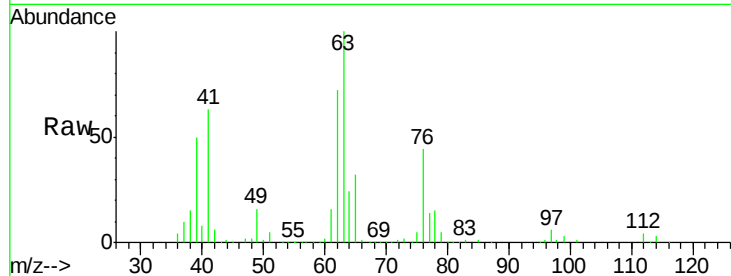
VX0628WBS03

Tot Ion: 63 Resp: 62435

Ion Ratio Lower Upper

63 100

65 32.3 24.7 37.1



#46

Dibromomethane

Concen: 19.49 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

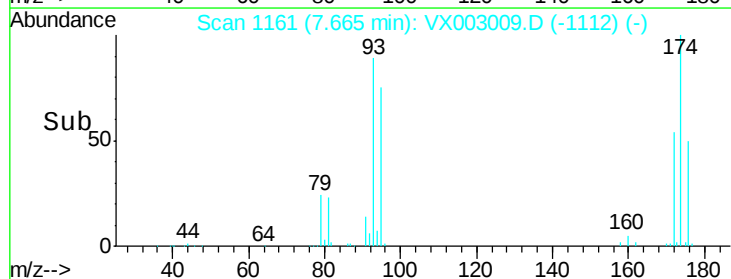
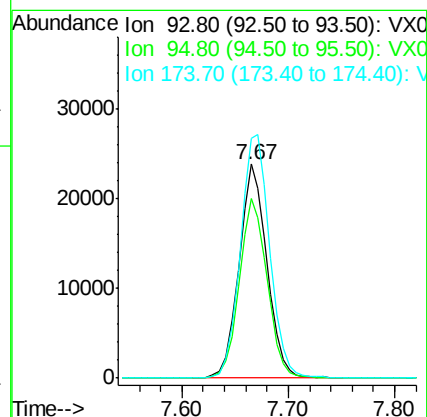
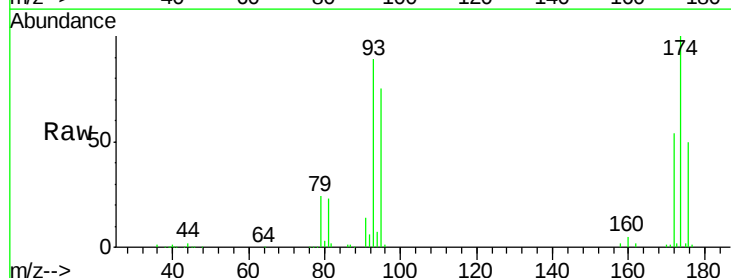
Tgt Ion: 93 Resp: 43775

Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 119.4 92.4 138.6





#47

Bromodichloromethane

Concen: 19.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

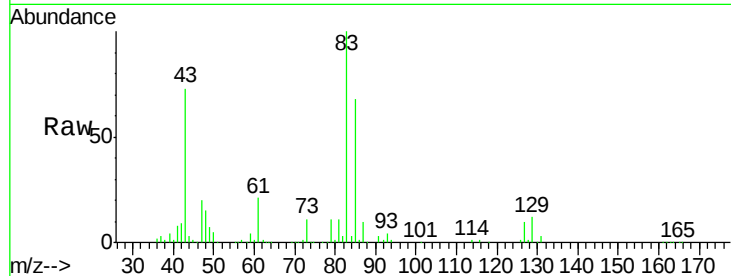
Tot Ion: 83 Resp: 82069

Ion Ratio Lower Upper

83 100

85 67.8 50.3 75.5

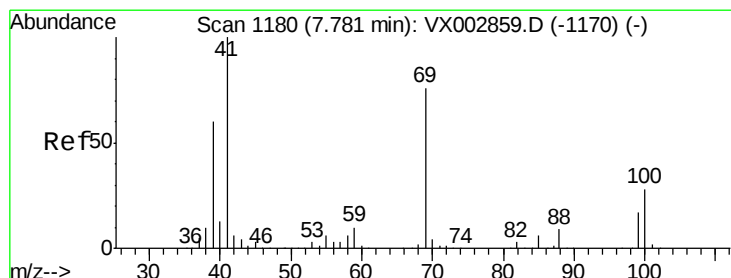
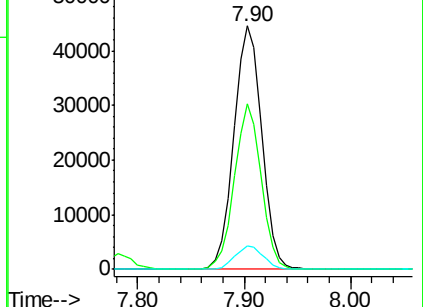
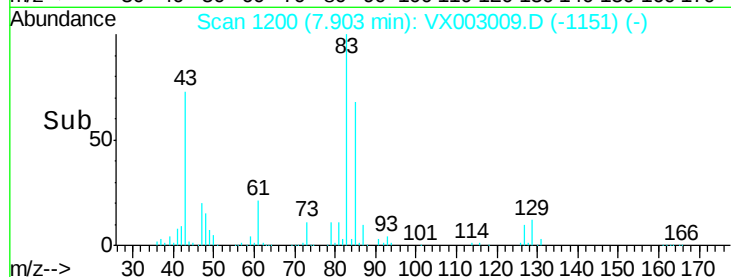
127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.62 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

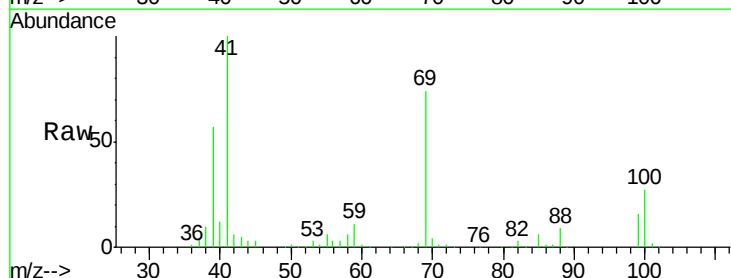
Tgt Ion: 41 Resp: 76661

Ion Ratio Lower Upper

41 100

69 76.1 59.1 88.7

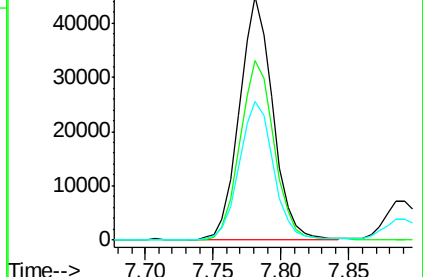
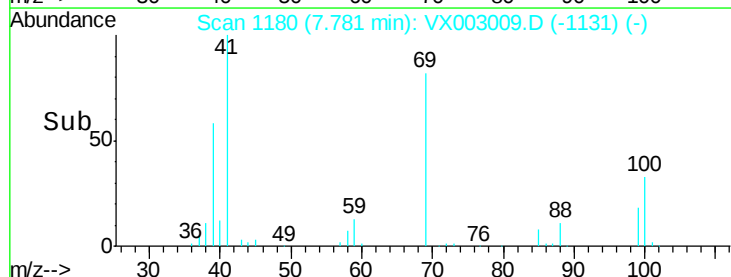
39 58.0 48.9 73.3

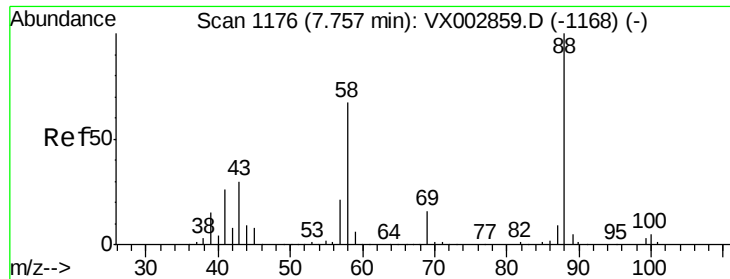


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

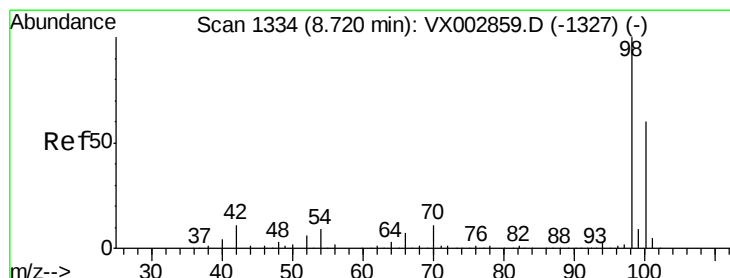
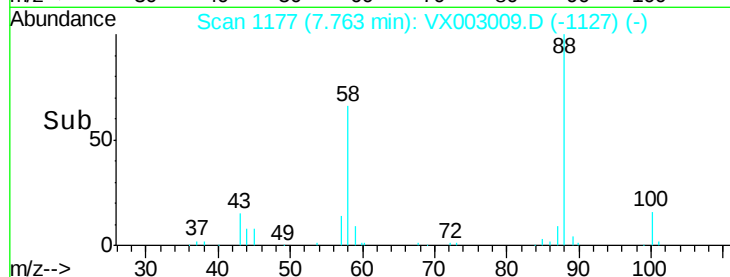
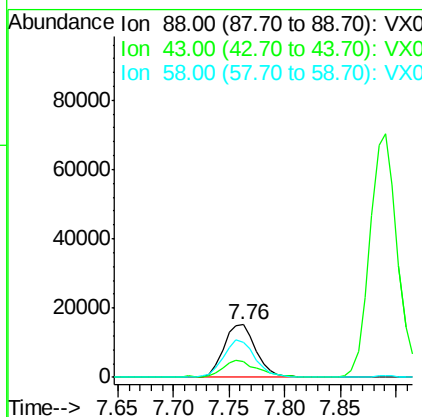
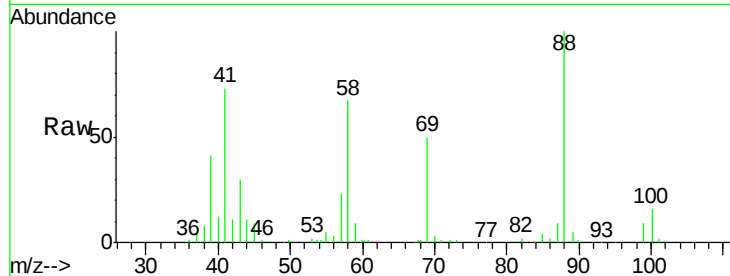




#49
1,4-Dioxane
Concen: 399.94 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

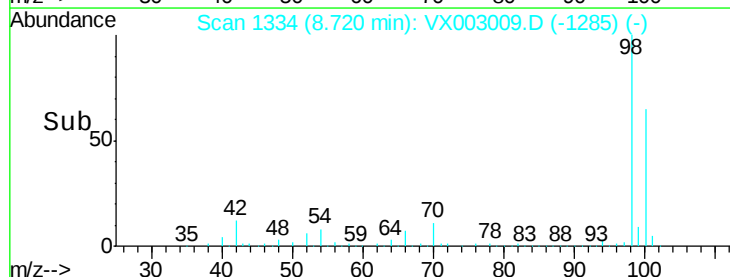
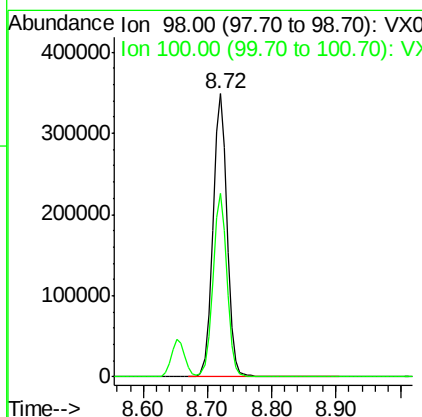
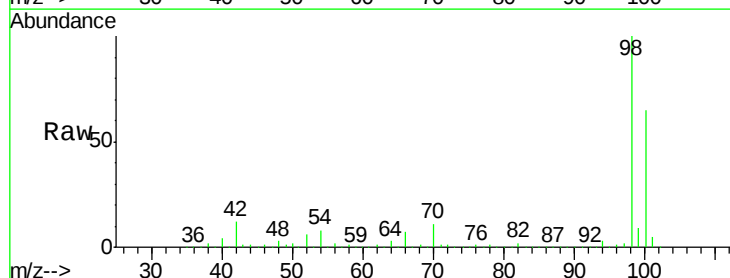
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

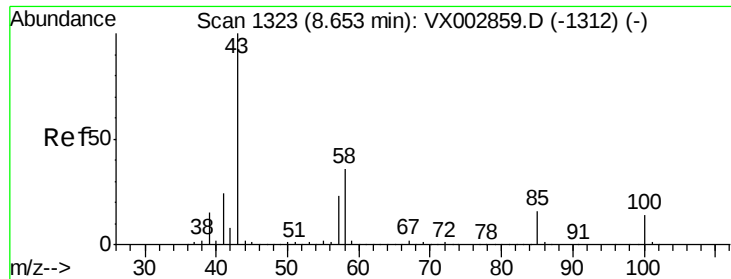
Tot Ion: 88 Resp: 30399
Ion Ratio Lower Upper
88 100
43 33.4 29.8 44.6
58 71.2 57.1 85.7



#50
Toluene-d8
Concen: 48.59 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 98 Resp: 538022
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 100.39 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

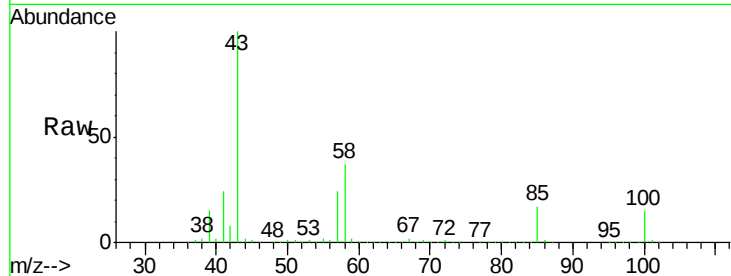
VX0628WBS03

Tot Ion: 43 Resp: 476235

Ion Ratio Lower Upper

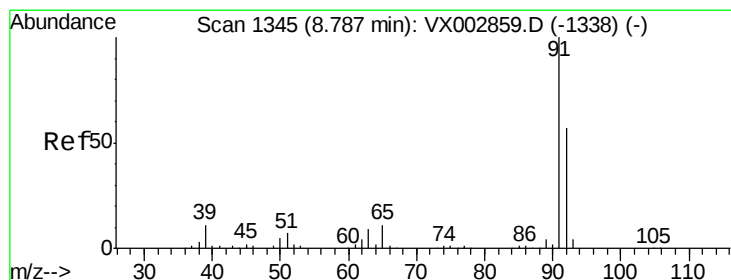
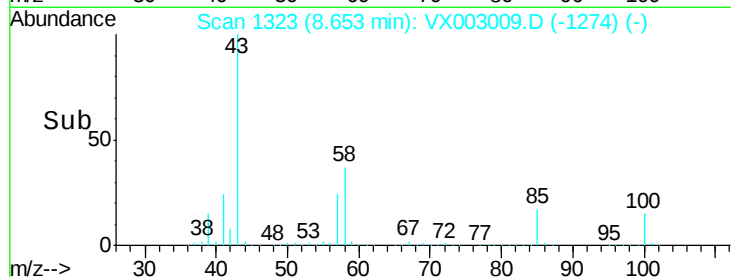
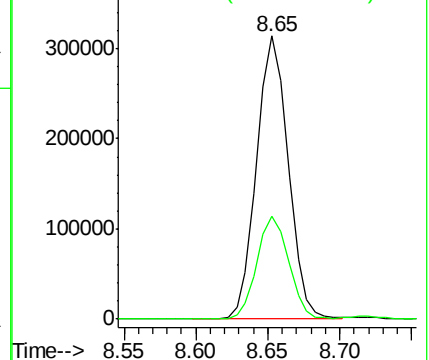
43 100

58 36.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003009.D

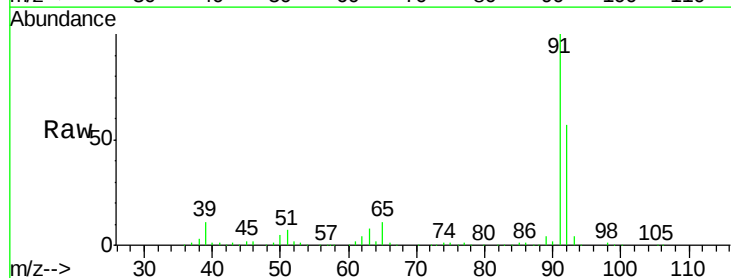
Acq: 29 Jun 2018 02:44

Tgt Ion: 92 Resp: 157296

Ion Ratio Lower Upper

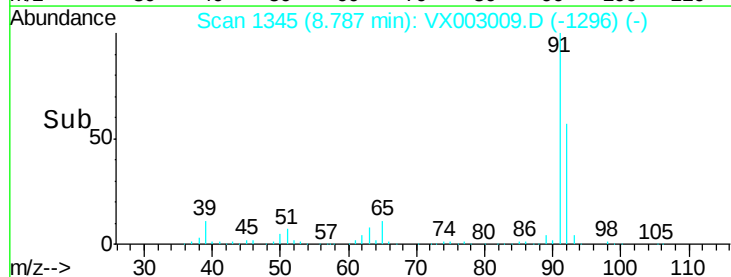
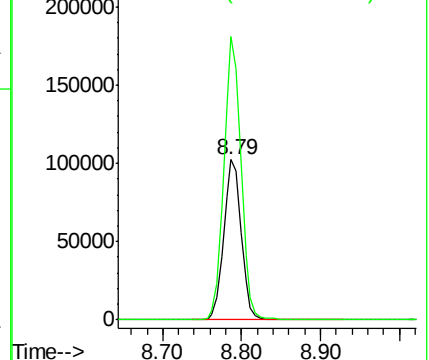
92 100

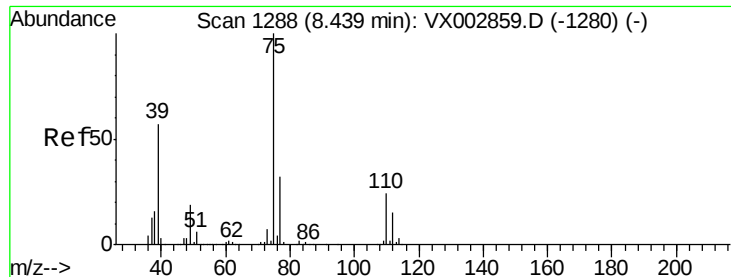
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.46 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

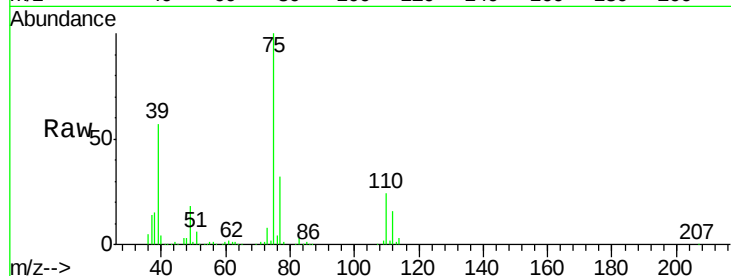
VX0628WBS03

Tot Ion: 75 Resp: 86783

Ion Ratio Lower Upper

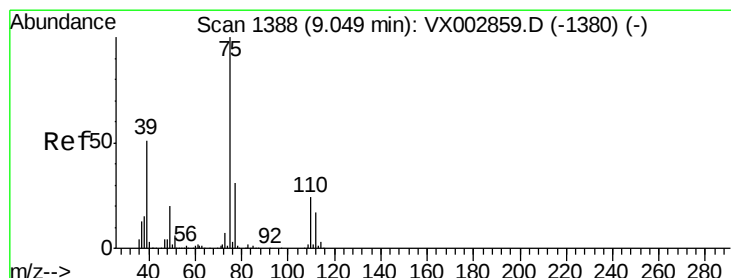
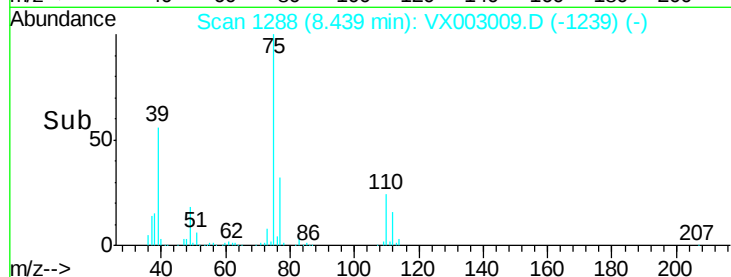
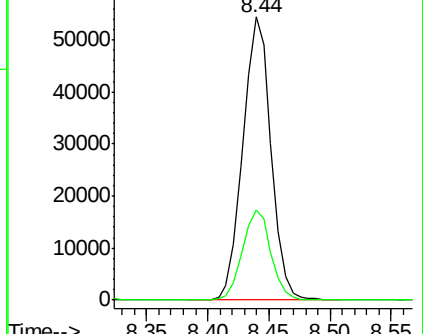
75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.80 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

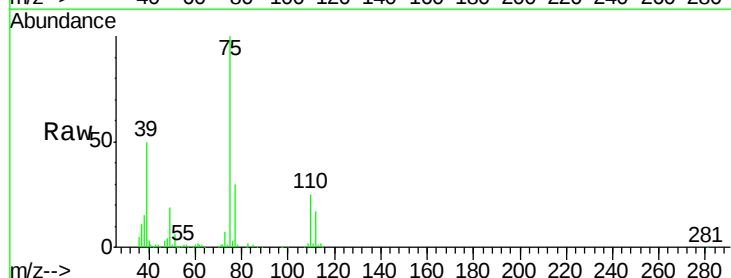
Tgt Ion: 75 Resp: 80538

Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

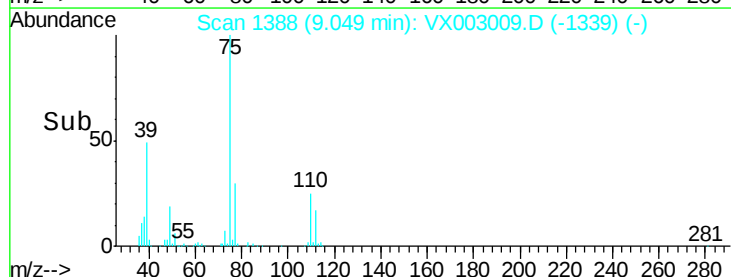
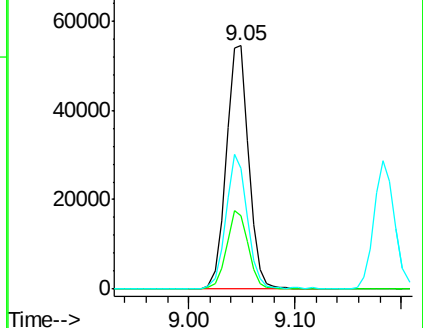
39 49.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

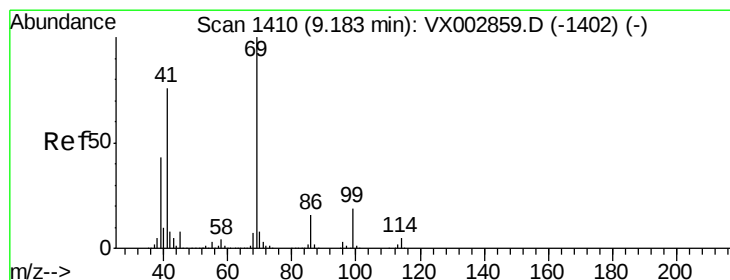
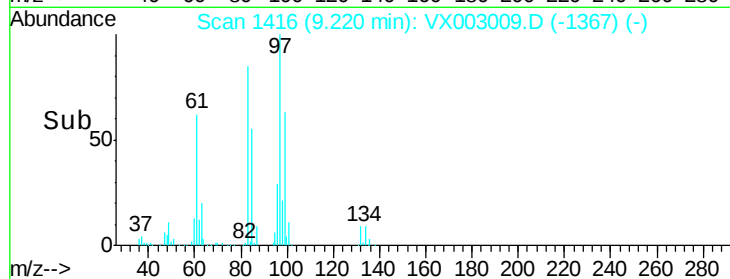
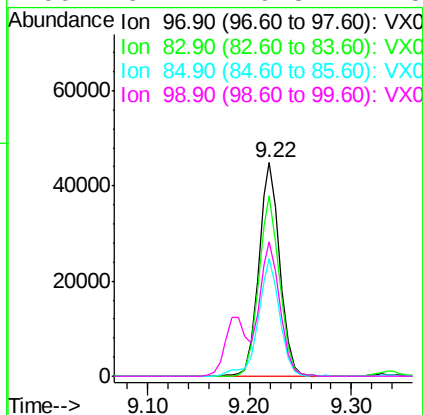
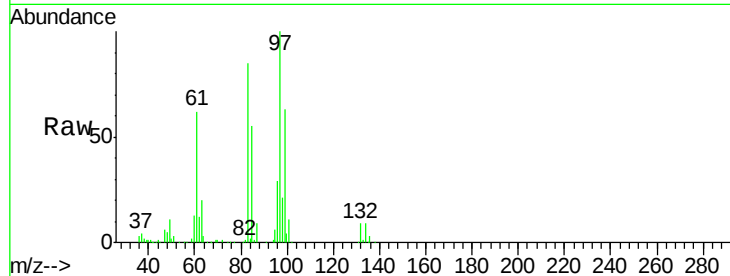




#55
 1,1,2-Trichloroethane
 Concen: 20.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

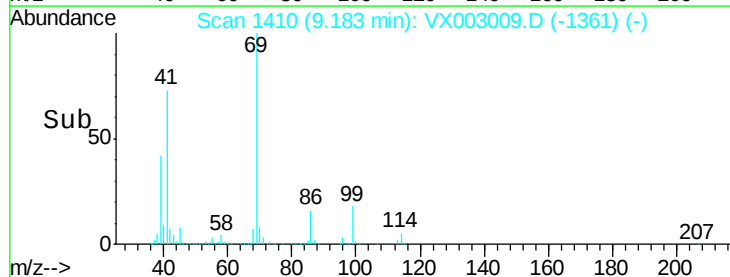
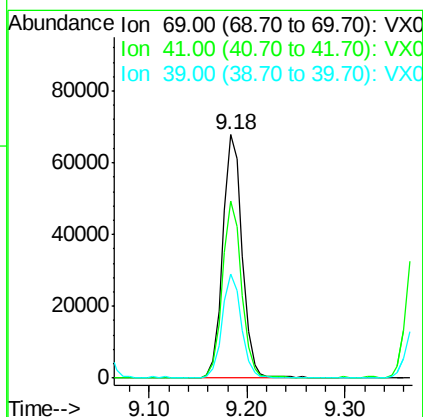
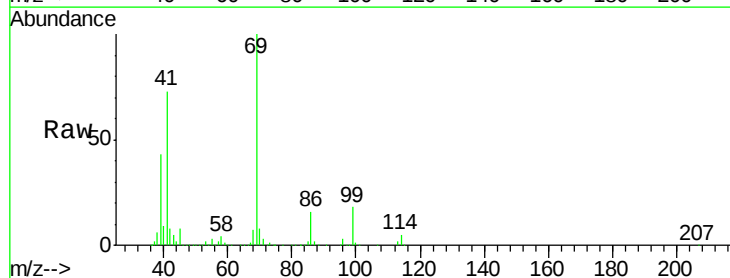
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

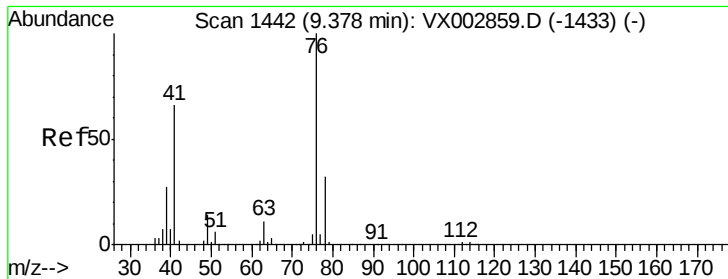
Tot Ion: 97 Resp: 64664
 Ion Ratio Lower Upper
 97 100
 83 84.5 70.2 105.2
 85 54.9 44.9 67.3
 99 62.7 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.88 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion: 69 Resp: 93291
 Ion Ratio Lower Upper
 69 100
 41 72.0 60.3 90.5
 39 41.6 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

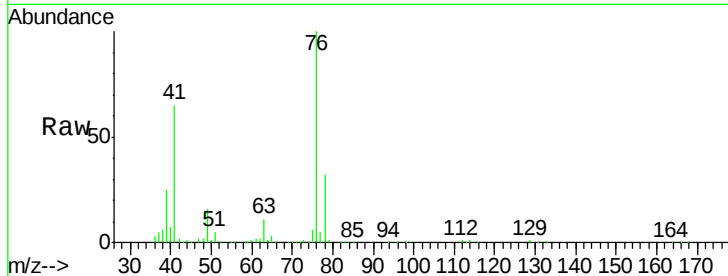
VX0628WBS03

Tot Ion: 76 Resp: 105445

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

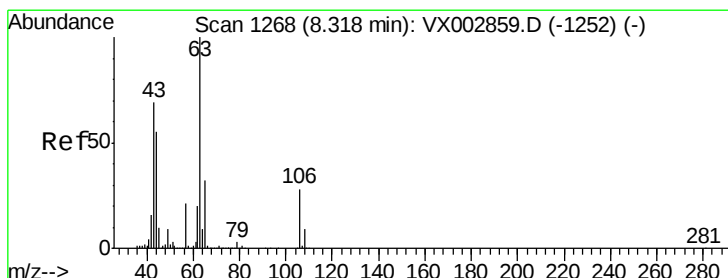
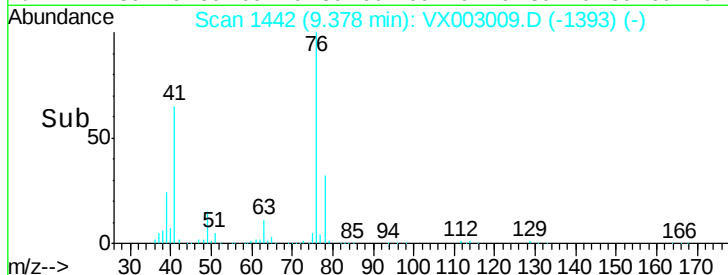
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.54 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003009.D

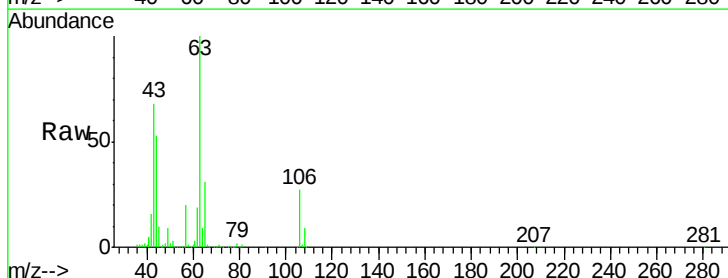
Acq: 29 Jun 2018 02:44

Tgt Ion: 63 Resp: 232185

Ion Ratio Lower Upper

63 100

106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

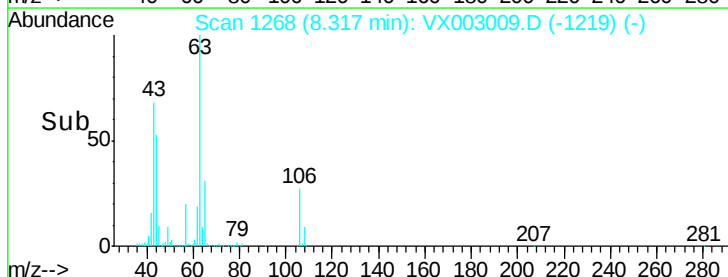
100000

50000

0

8.25 8.30 8.35 8.40

Time-->

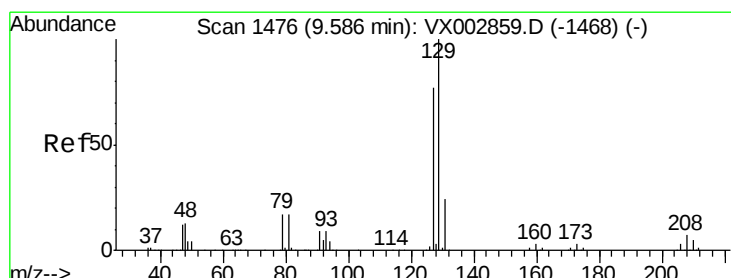
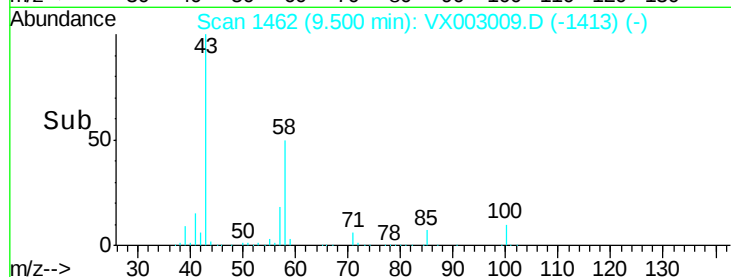
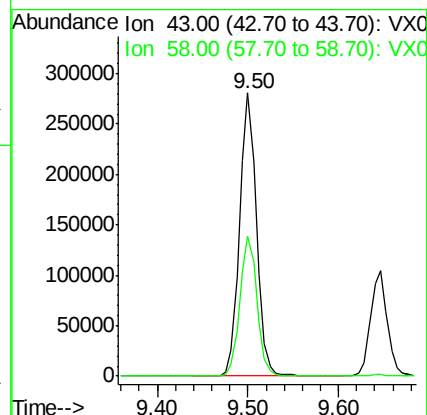
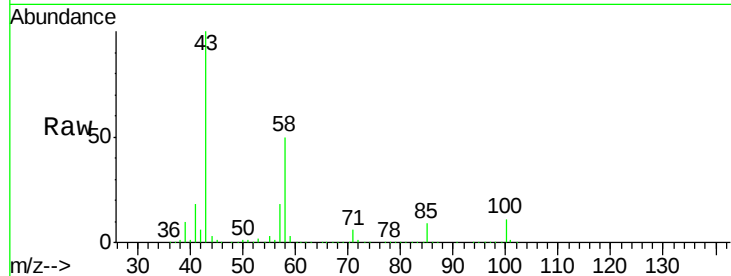




#59
2-Hexanone
Concen: 100.61 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

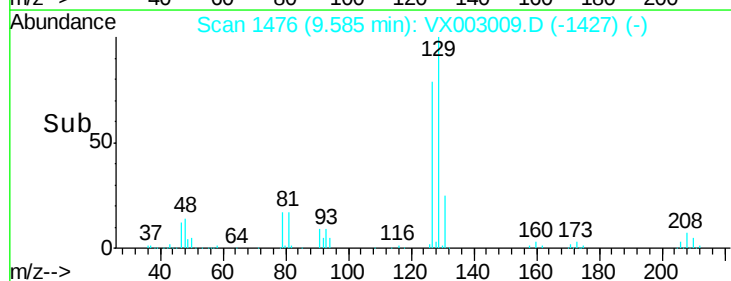
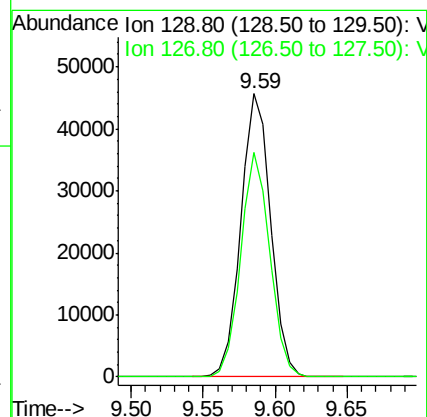
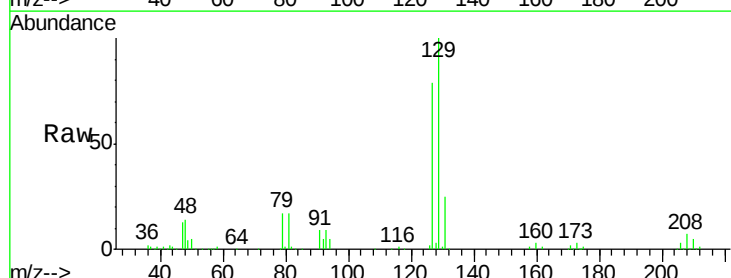
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

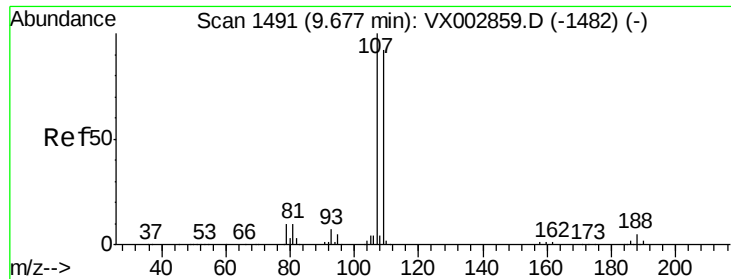
Tot Ion: 43 Resp: 362726
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 19.40 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 129 Resp: 65604
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

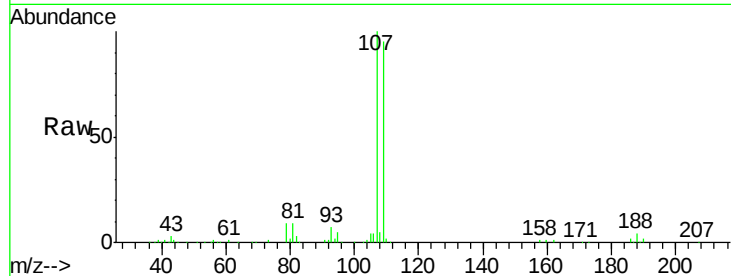
VX0628WBS03

Tot Ion:107 Resp: 67400

Ion Ratio Lower Upper

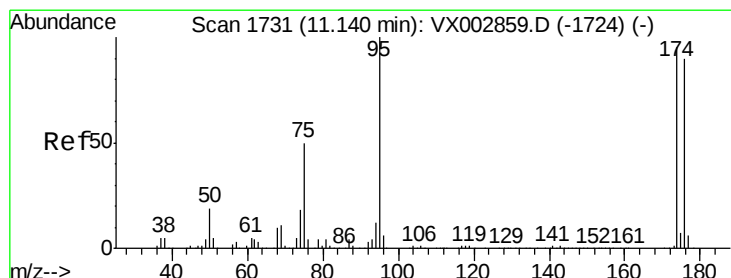
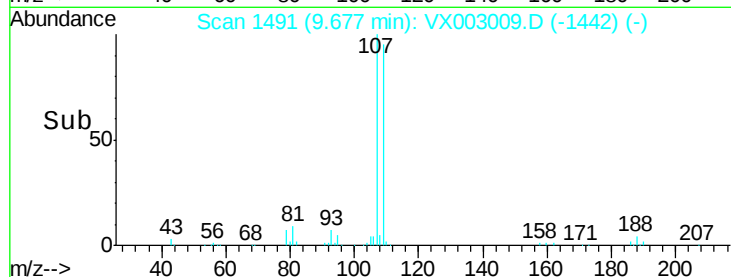
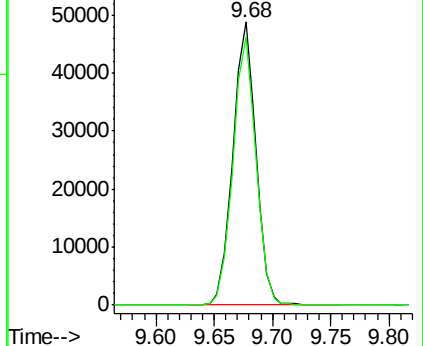
107 100

109 94.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

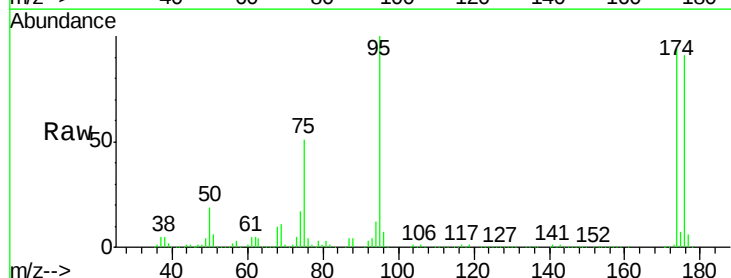
Tgt Ion: 95 Resp: 202900

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

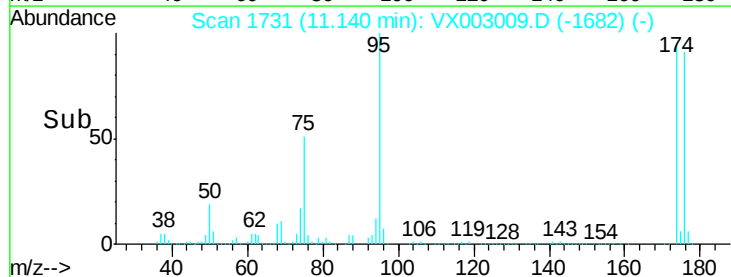
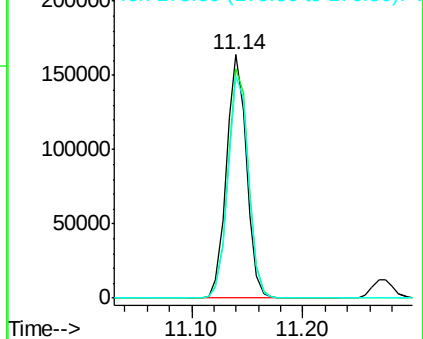
176 93.4 0.0 181.0

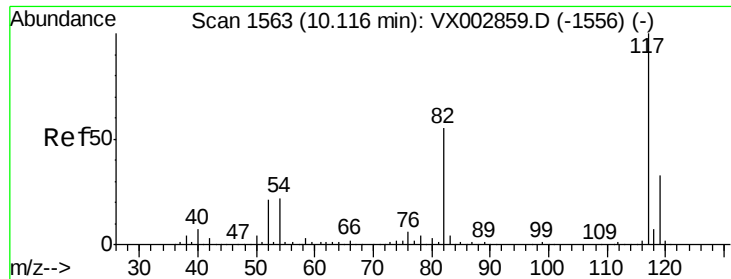


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

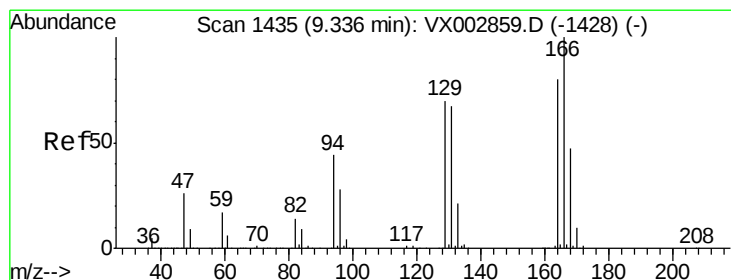
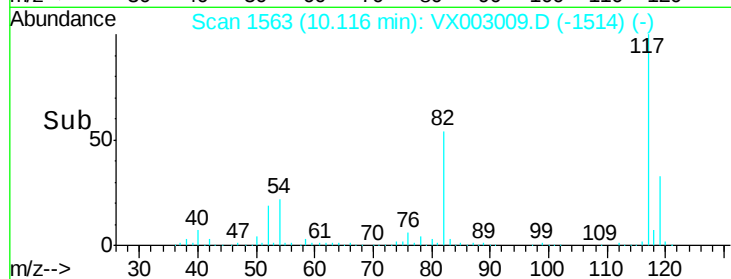
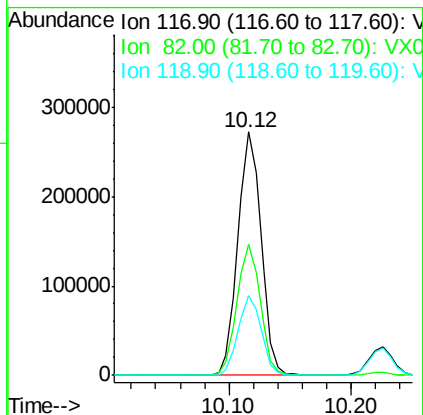
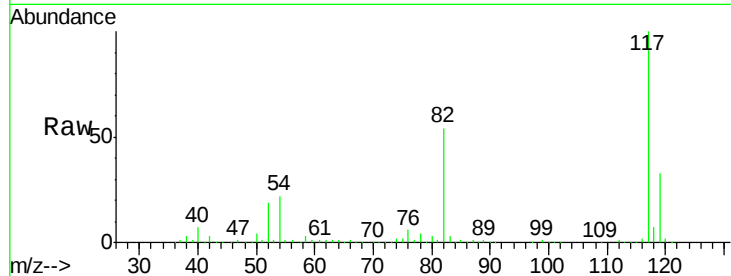




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

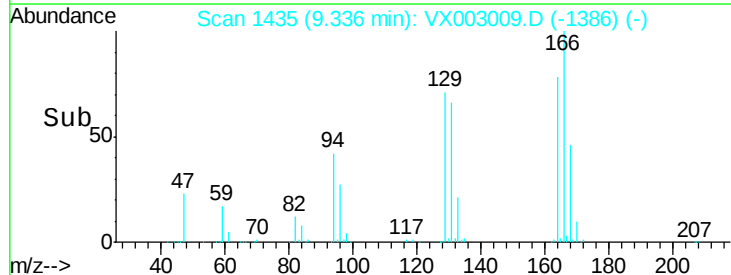
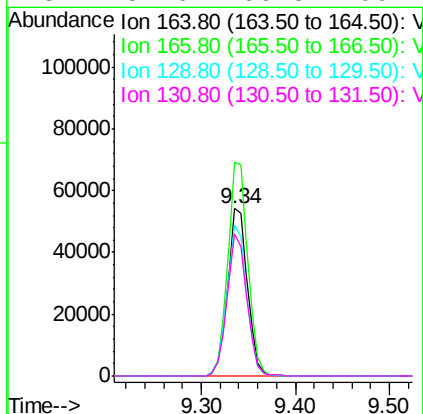
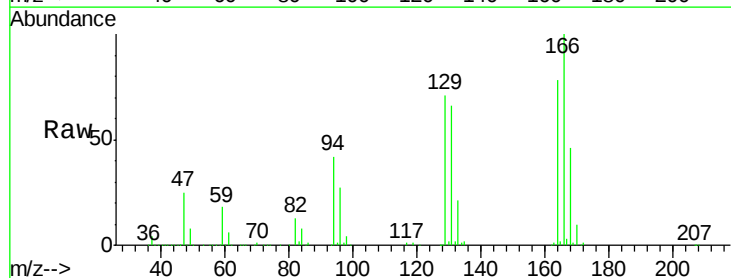
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

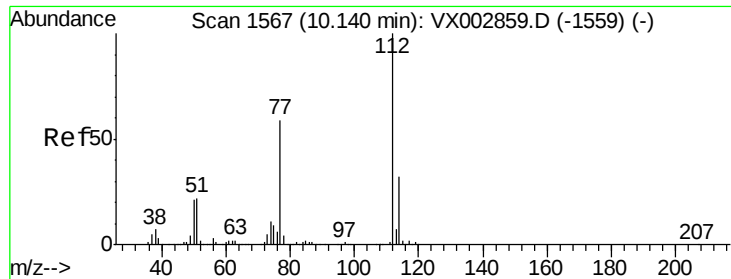
Tot Ion:117 Resp: 359240
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.89 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion:164 Resp: 79462
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 90.3 68.6 102.8
131 84.6 66.8 100.2





#65

Chlorobenzene

Concen: 19.73 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampled :

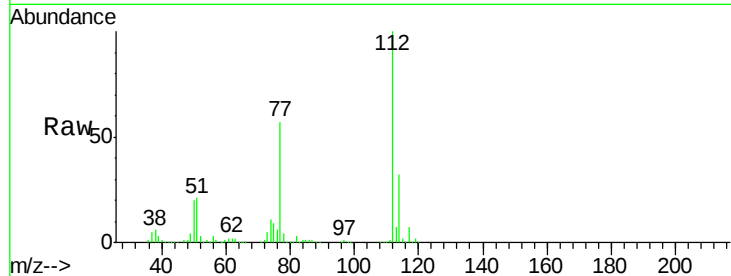
VX0628WBS03

Tot Ion:112 Resp: 180075

Ion Ratio Lower Upper

112 100

114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

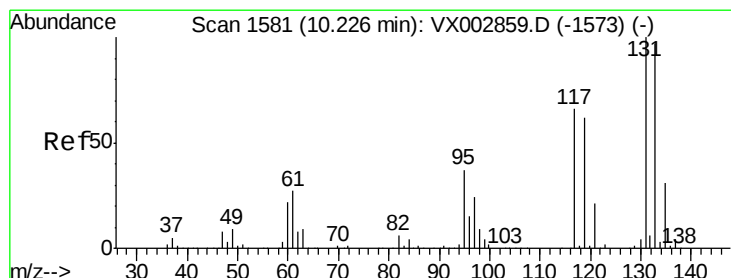
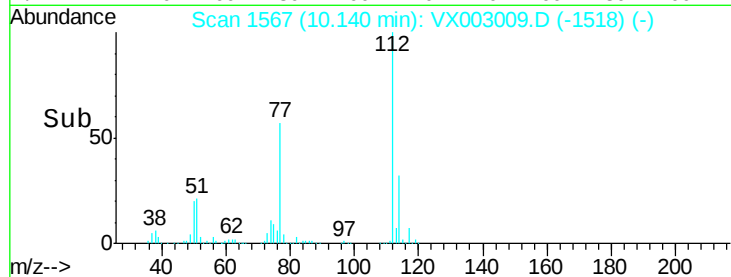
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.69 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

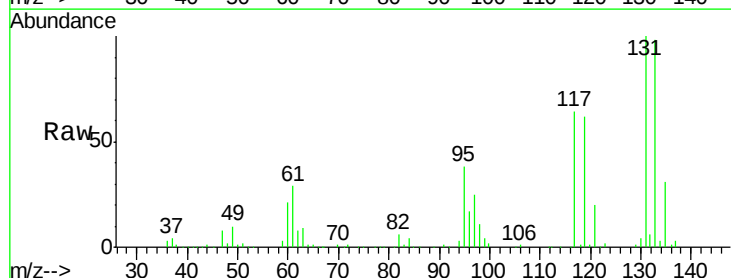
Tgt Ion:131 Resp: 65276

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.6

119 62.4 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

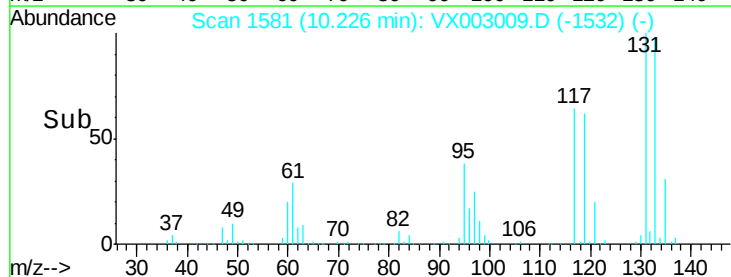
30000

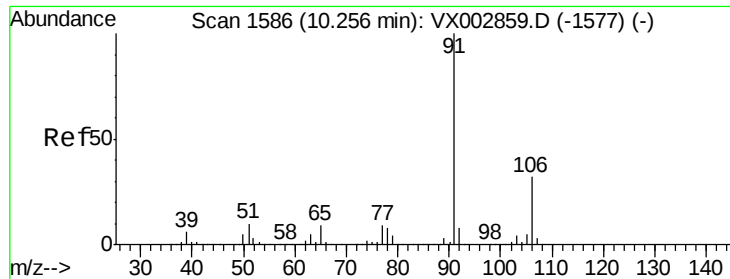
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.83 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

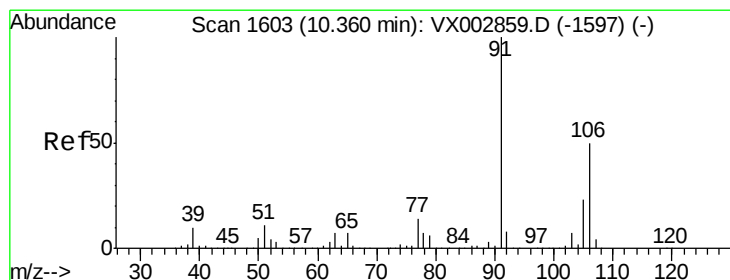
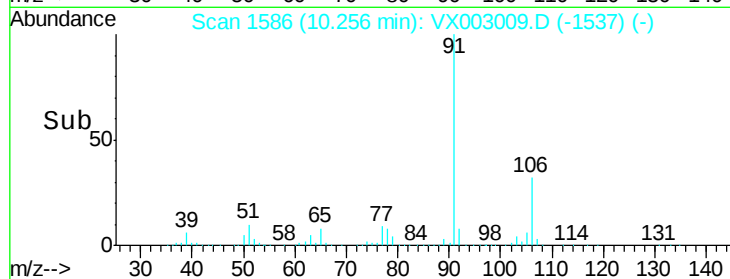
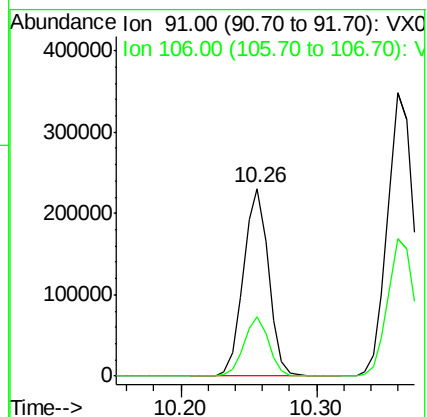
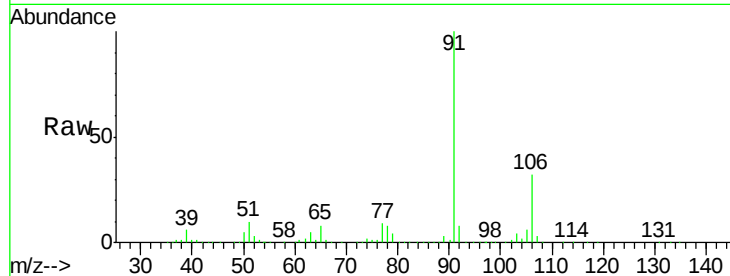
VX0628WBS03

Tot Ion: 91 Resp: 298850

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 39.99 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003009.D

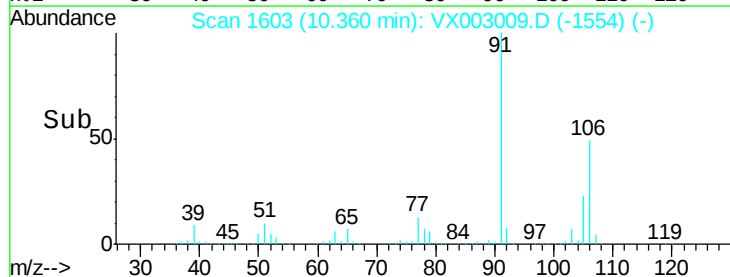
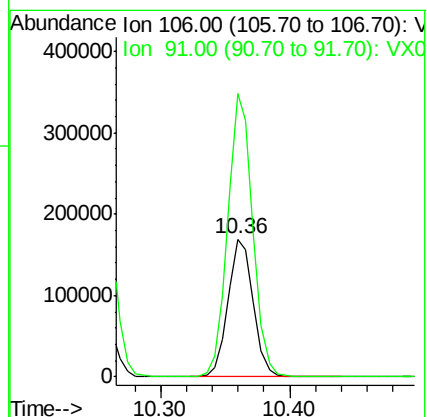
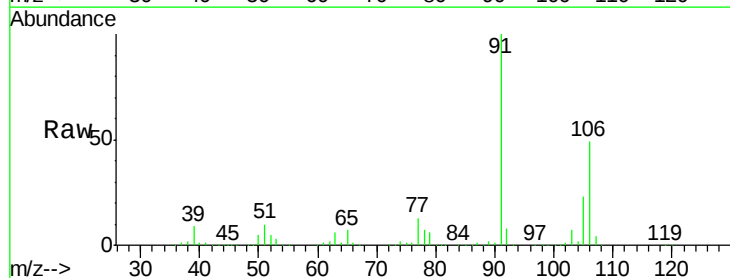
Acq: 29 Jun 2018 02:44

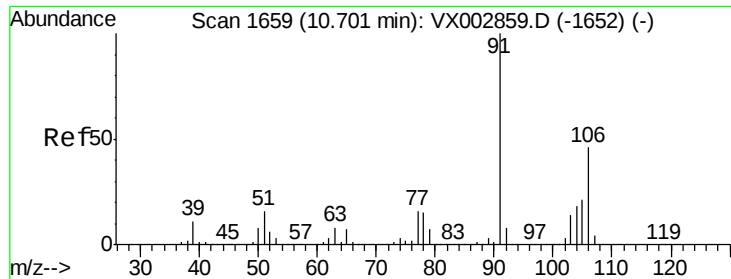
Tgt Ion: 106 Resp: 232328

Ion Ratio Lower Upper

106 100

91 203.6 163.4 245.2

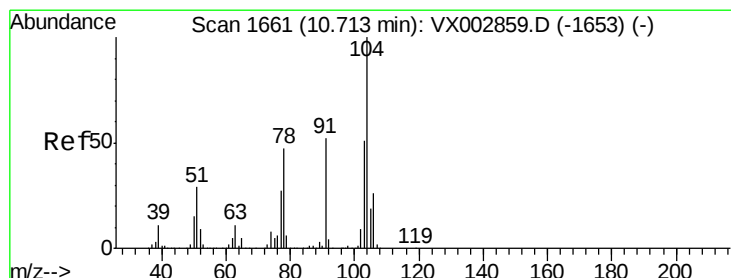
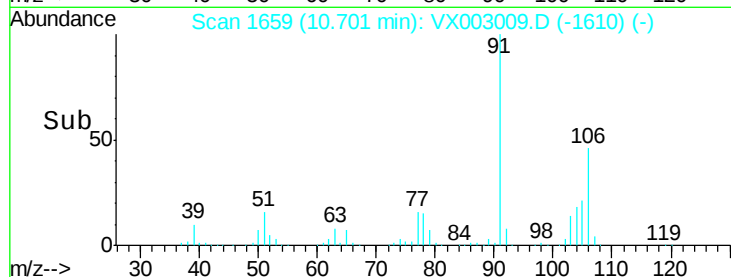
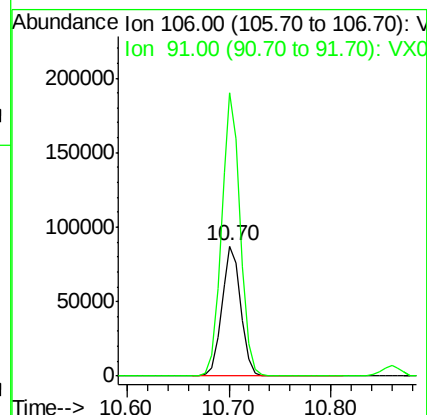
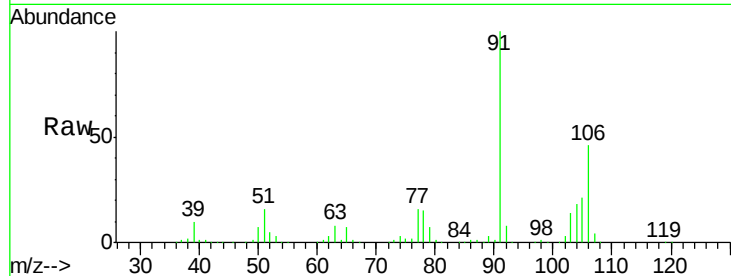




#69
o-Xylene
Concen: 20.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

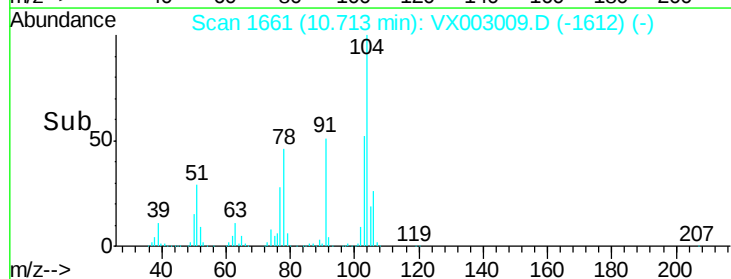
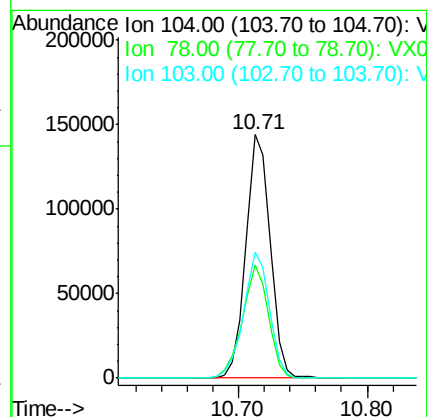
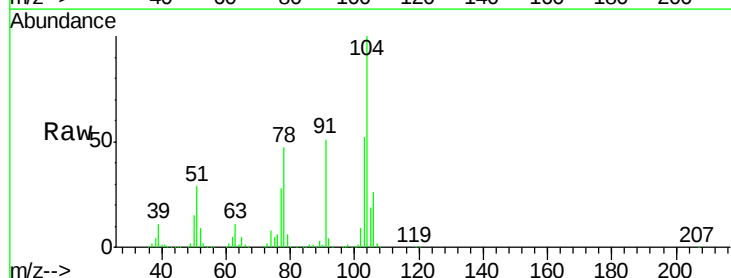
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

Tot Ion:106 Resp: 113704
Ion Ratio Lower Upper
106 100
91 213.5 108.2 324.6



#70
Styrene
Concen: 20.41 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion:104 Resp: 187569
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.6
103 55.2 44.2 66.4

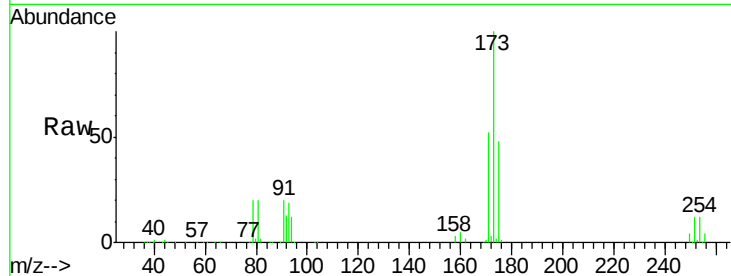




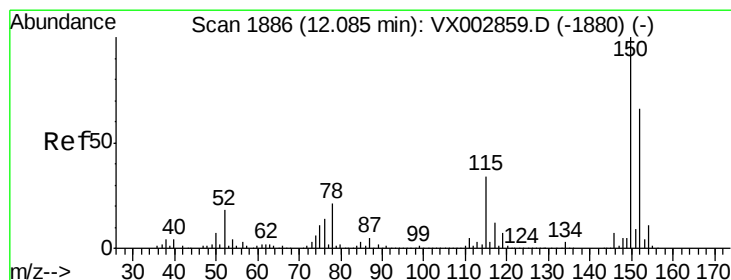
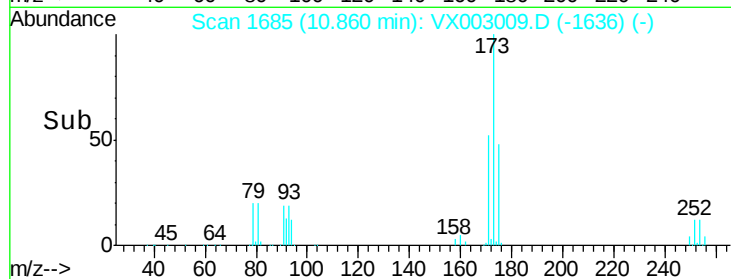
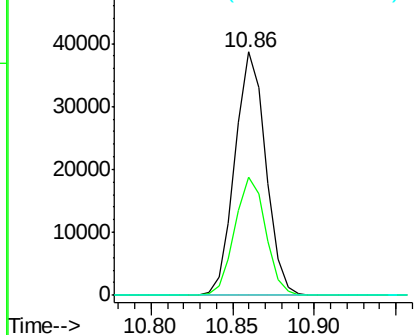
#71
Bromoform
Concen: 19.59 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

Tot Ion:173 Resp: 50969
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2#

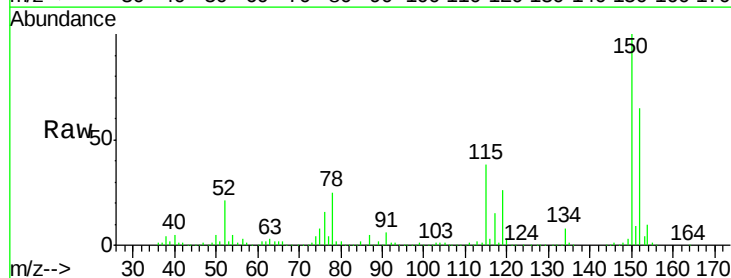


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

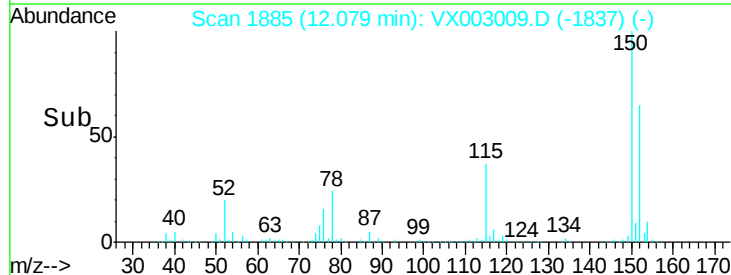
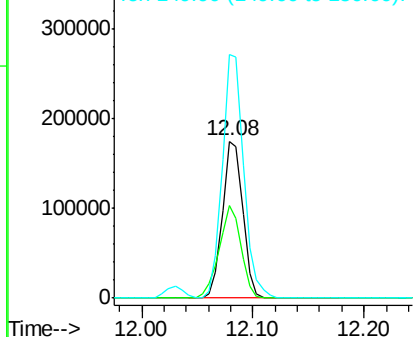


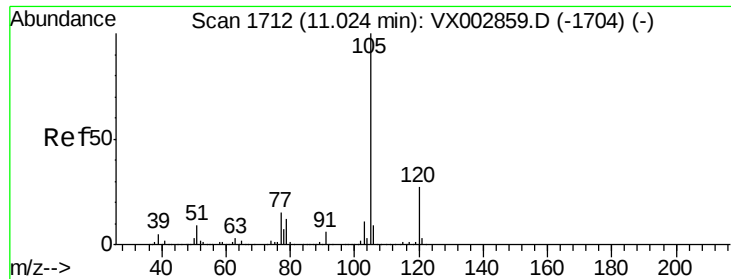
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion:152 Resp: 220802
Ion Ratio Lower Upper
152 100
115 63.5 40.1 120.2
150 163.6 0.0 347.2



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

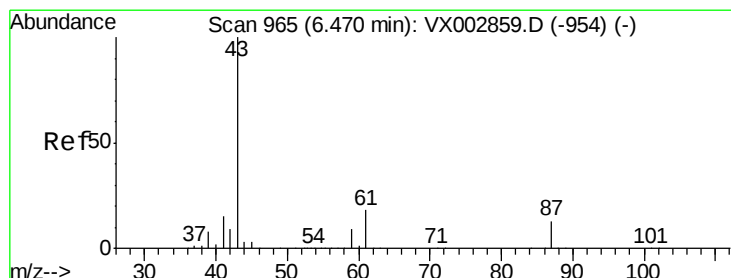
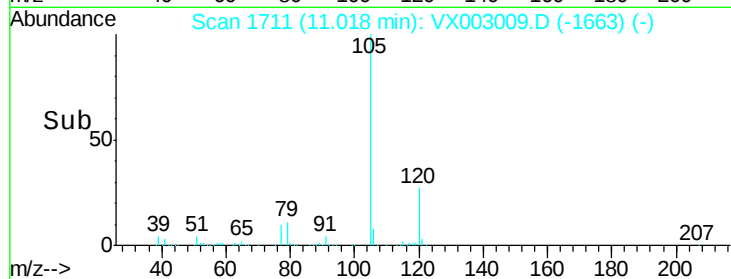
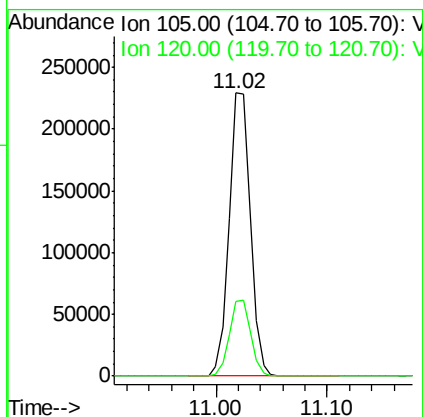
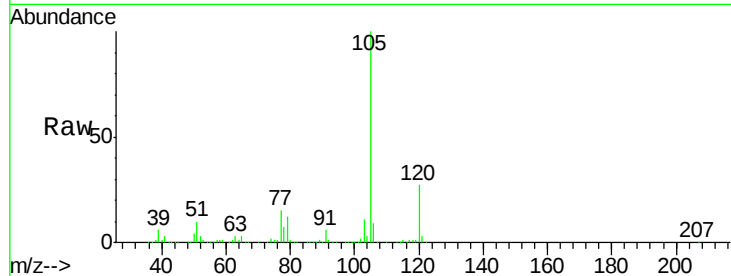




#73
Isopropylbenzene
Concen: 20.40 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

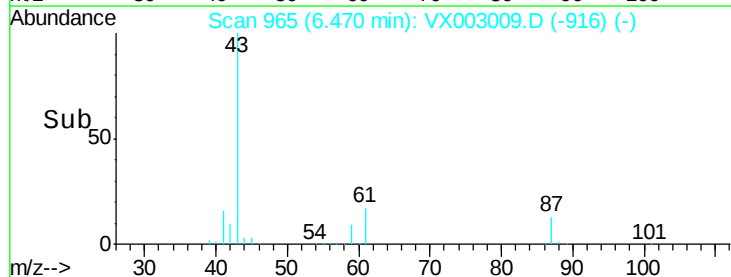
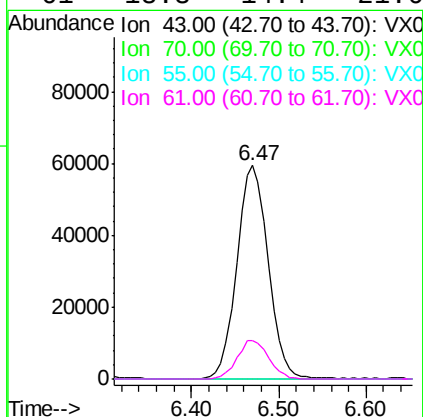
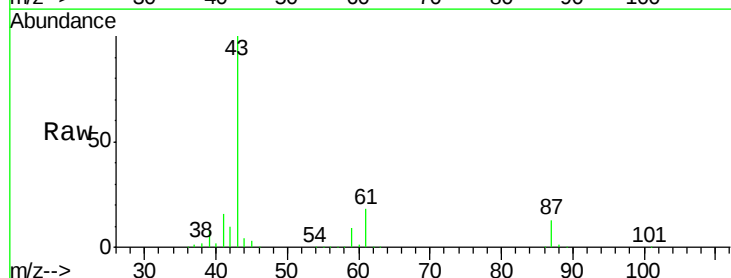
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

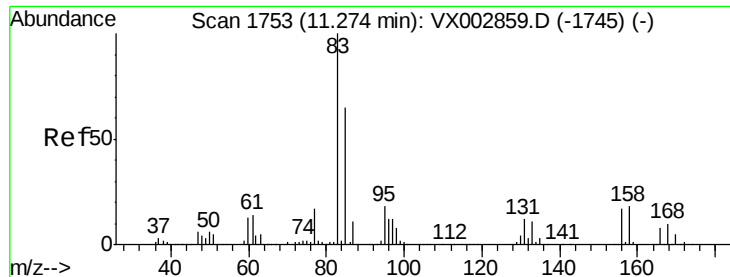
Tot Ion:105 Resp: 302995
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 20.24 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 43 Resp: 147092
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.0 0.0
61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.57 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

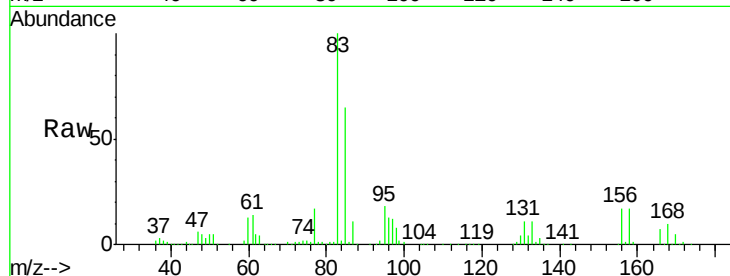
Tot Ion: 83 Resp: 94106

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

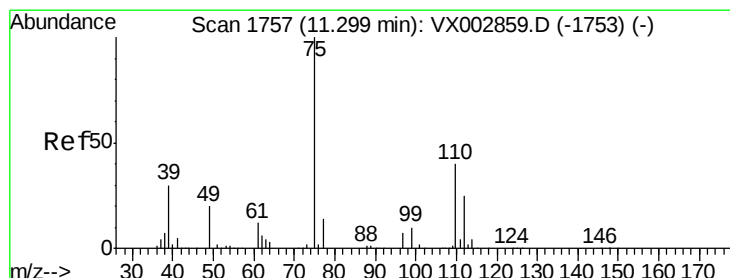
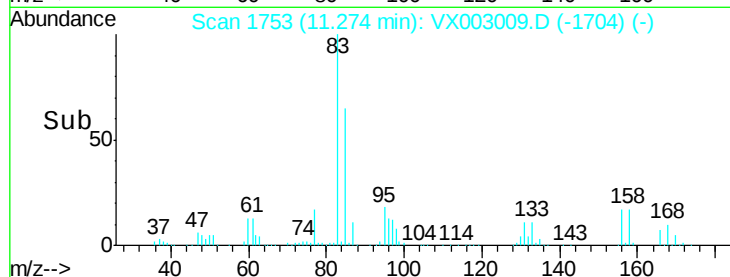
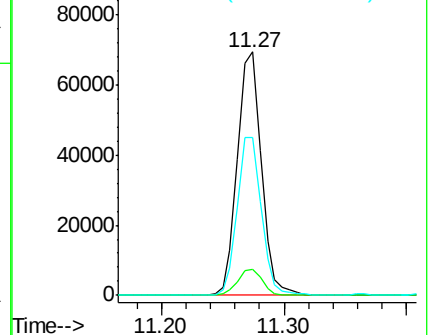
85 65.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.16 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003009.D

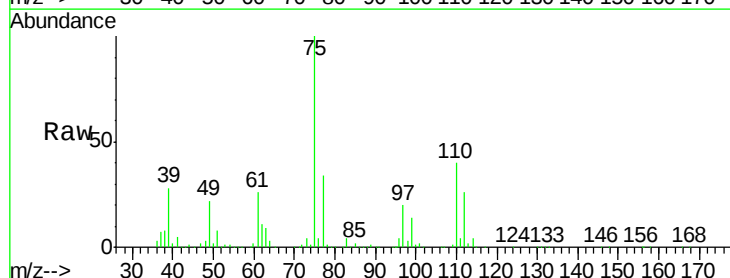
Acq: 29 Jun 2018 02:44

Tgt Ion: 75 Resp: 100645

Ion Ratio Lower Upper

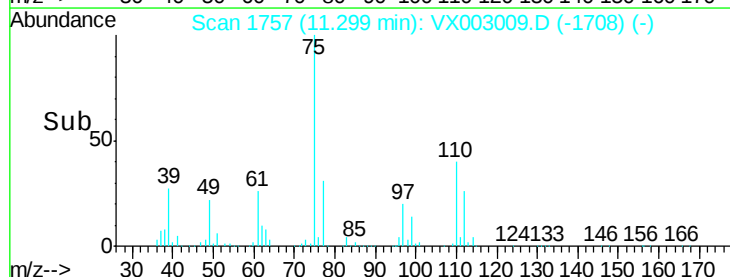
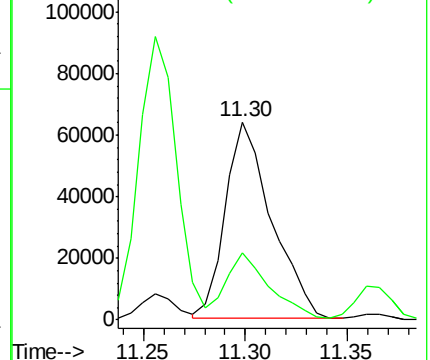
75 100

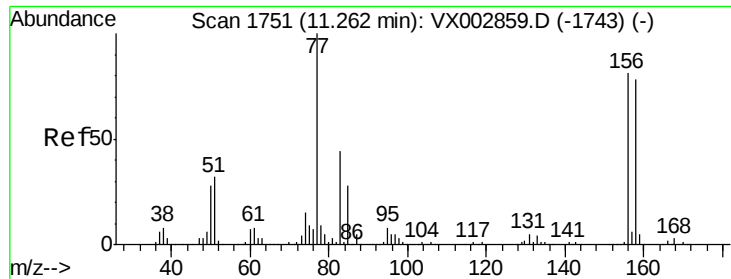
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.02 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

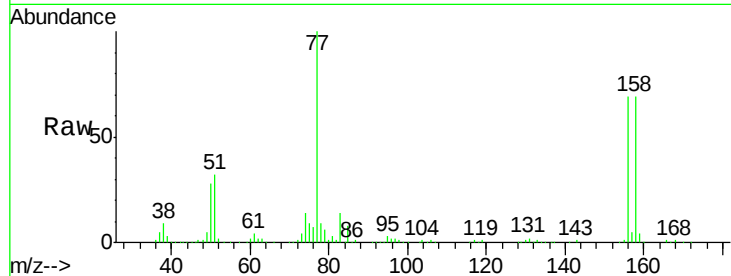
Tot Ion:156 Resp: 84672

Ion Ratio Lower Upper

156 100

77 140.1 71.4 214.2

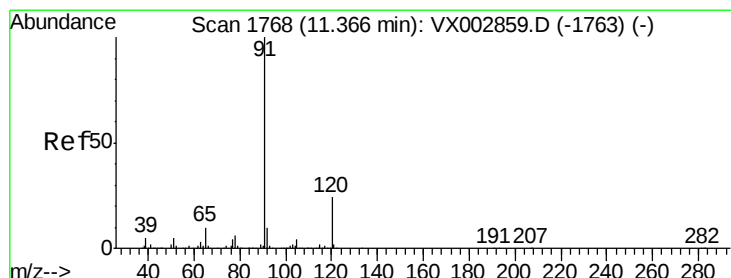
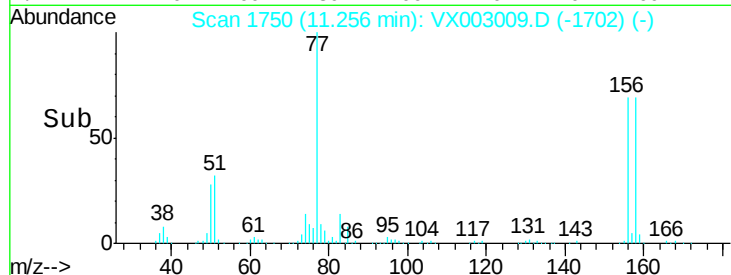
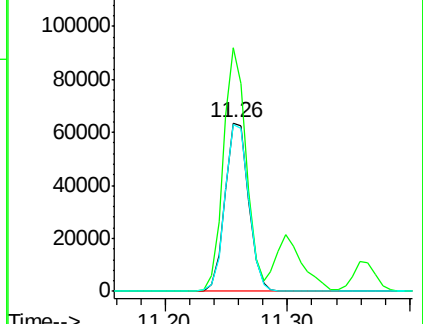
158 99.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003009.D

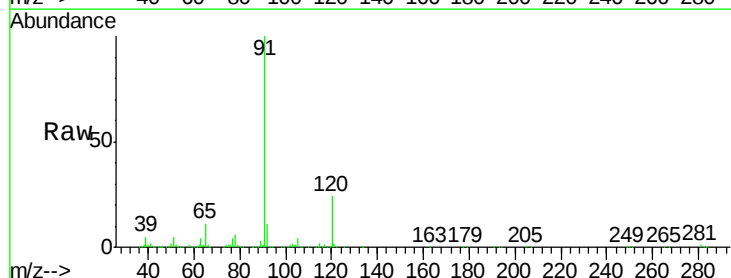
Acq: 29 Jun 2018 02:44

Tgt Ion: 91 Resp: 335955

Ion Ratio Lower Upper

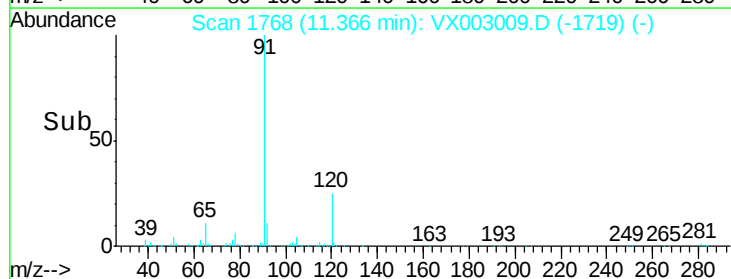
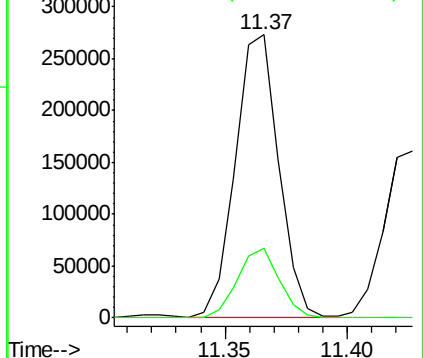
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

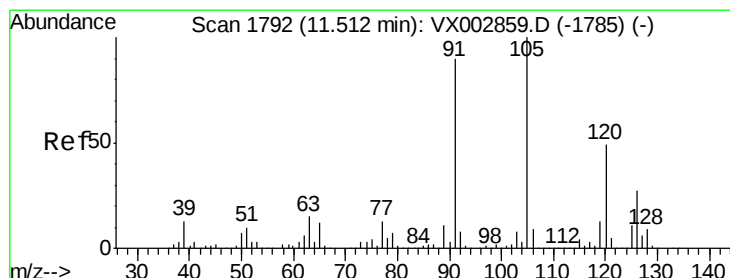
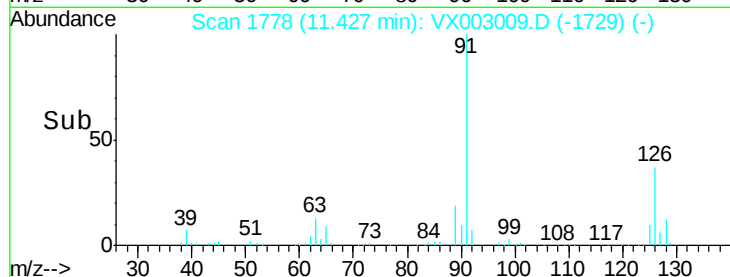
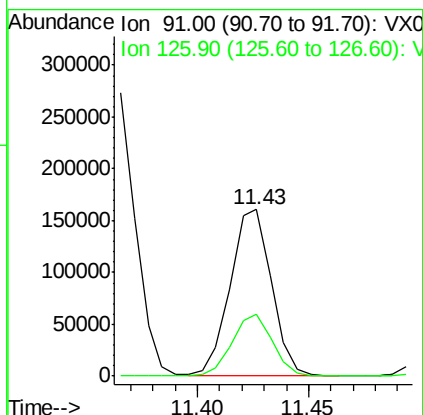
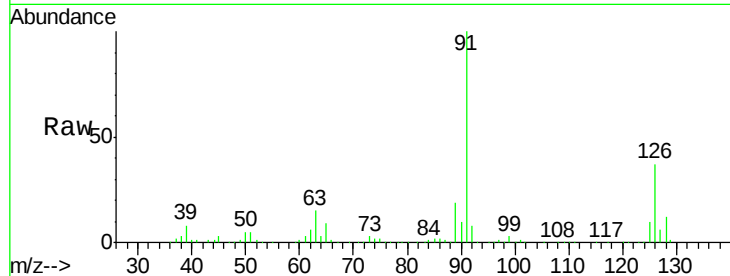




#79
 2-Chlorotoluene
 Concen: 20.16 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

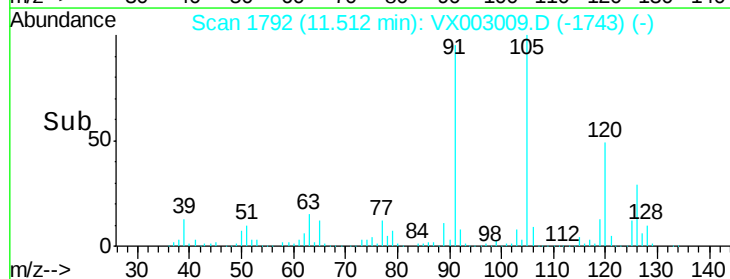
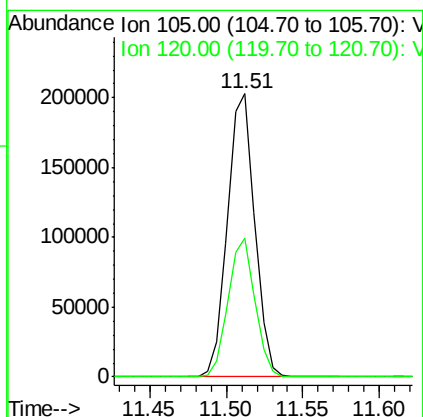
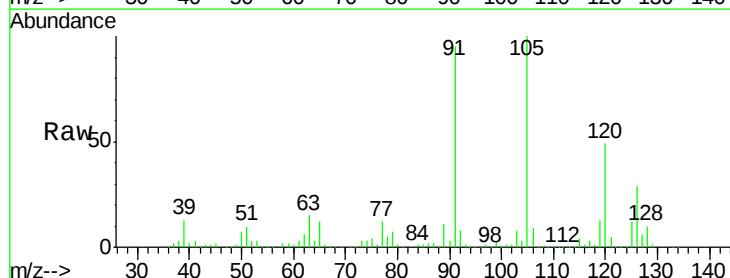
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

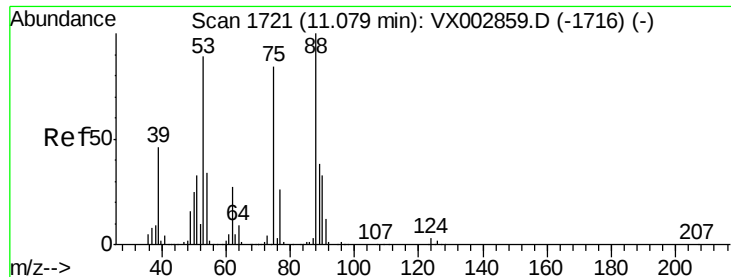
Tot Ion: 91 Resp: 206381
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.01 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion: 105 Resp: 250310
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.28 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS03

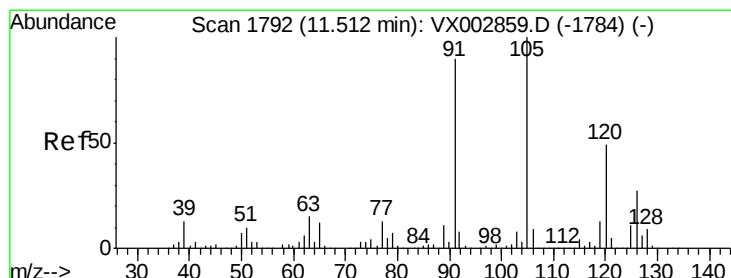
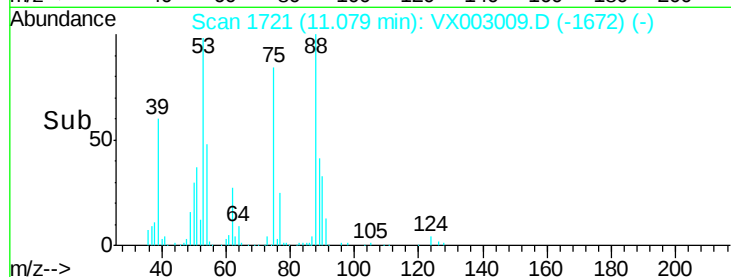
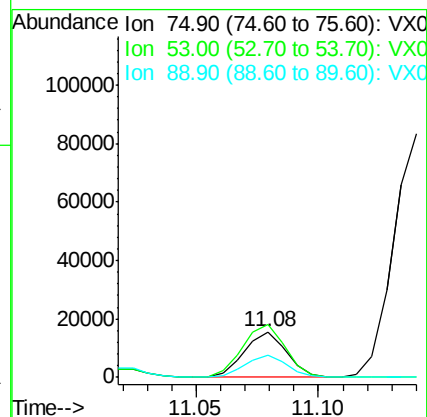
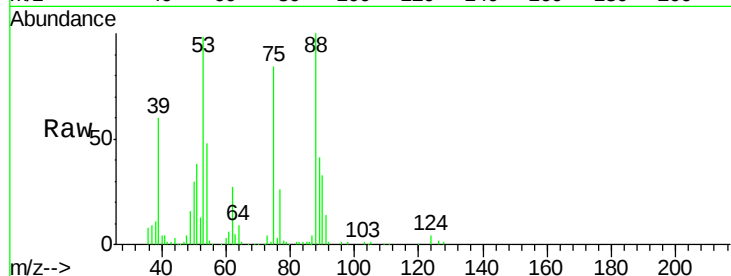
Tot Ion: 75 Resp: 19086

Ion Ratio Lower Upper

75 100

53 116.2 86.8 130.2

89 49.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003009.D

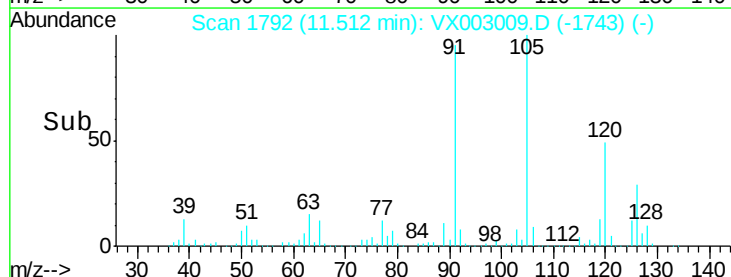
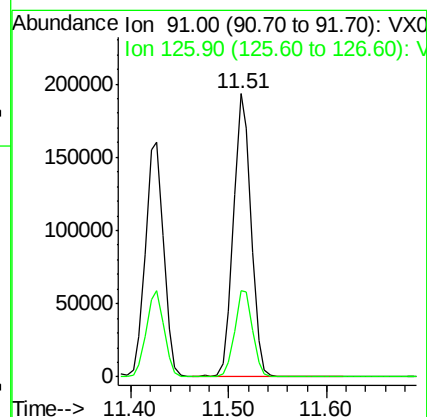
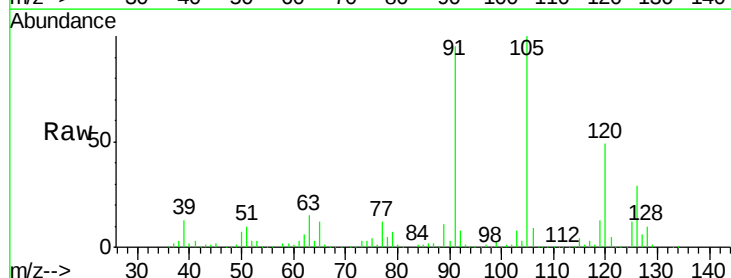
Acq: 29 Jun 2018 02:44

Tgt Ion: 91 Resp: 242541

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4

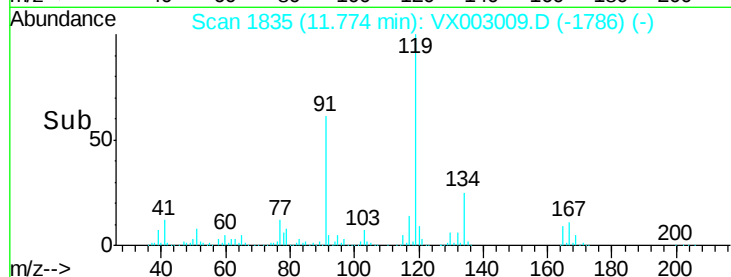
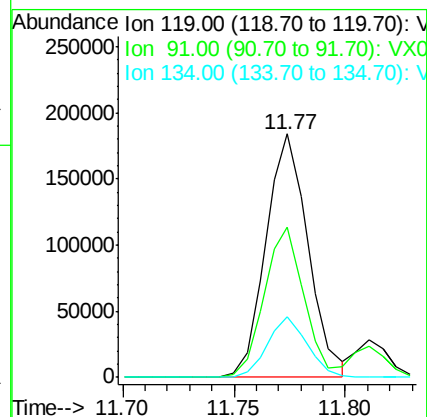
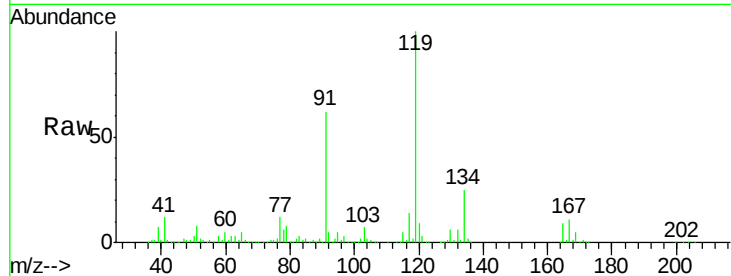




#83
 tert-Butylbenzene
 Concen: 19.64 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

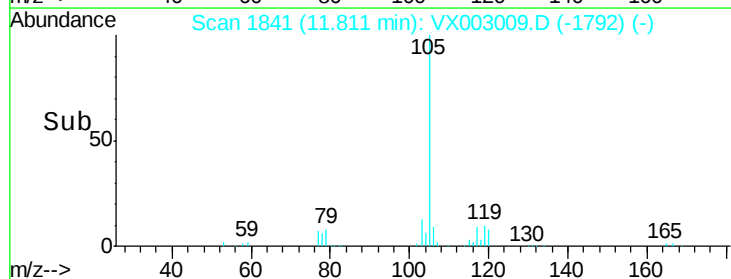
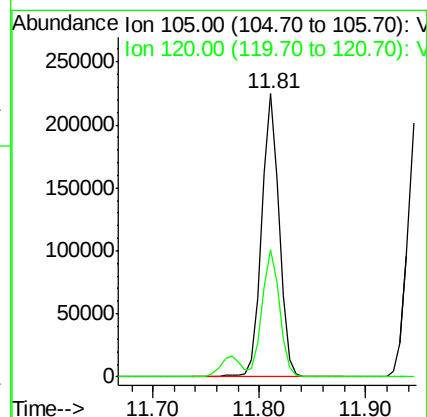
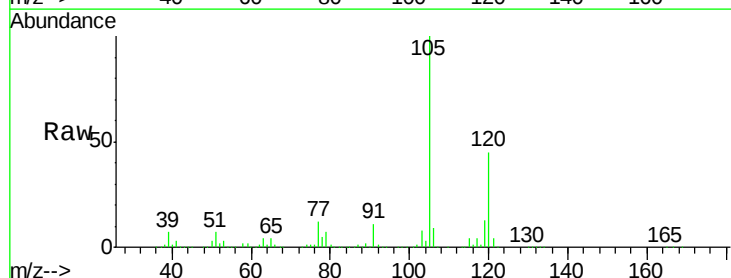
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS03

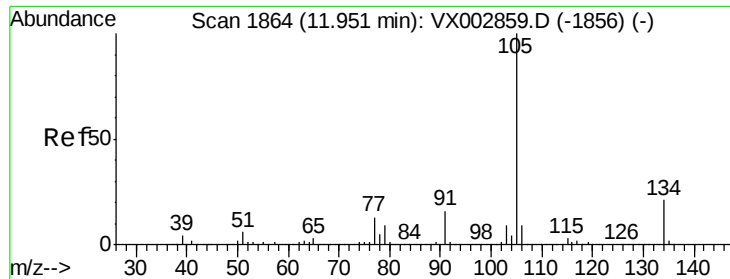
Tot Ion:119 Resp: 242131
 Ion Ratio Lower Upper
 119 100
 91 57.6 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.07 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Tgt Ion:105 Resp: 260183
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8

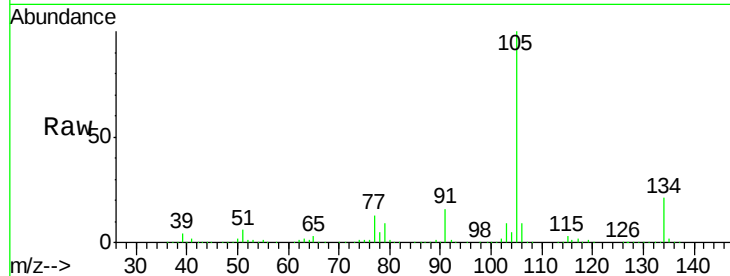




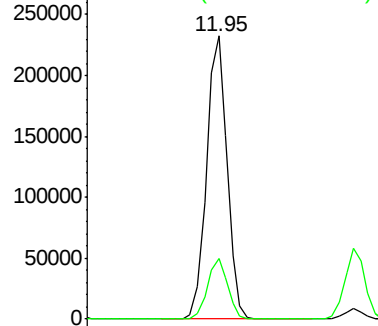
#85
 sec-Butylbenzene
 Concen: 19.06 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0628WBS03

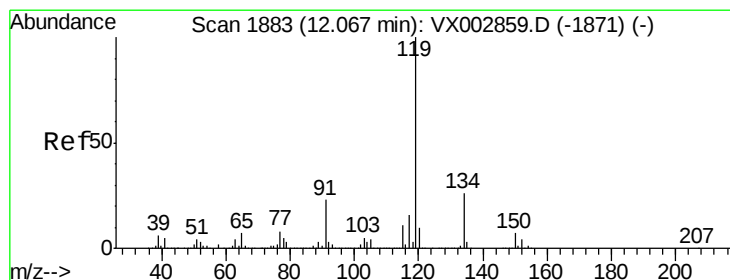
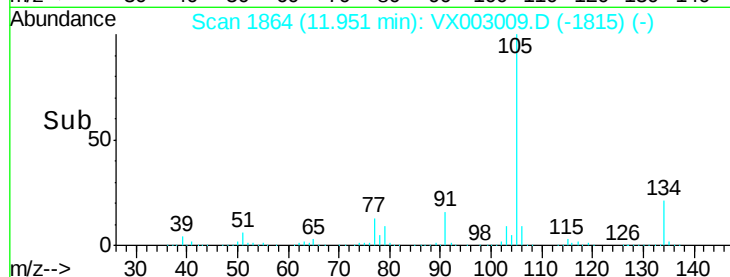
Tot Ion:105 Resp: 285101
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



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

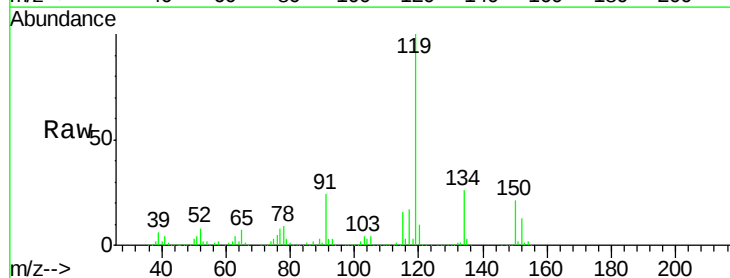


Time-->

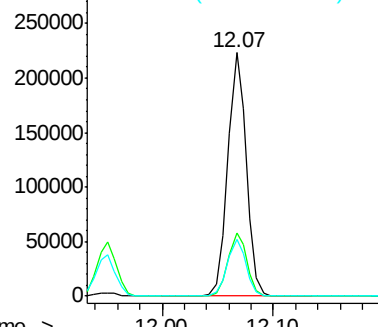


#86
 p-Isopropyltoluene
 Concen: 19.25 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003009.D
 Acq: 29 Jun 2018 02:44

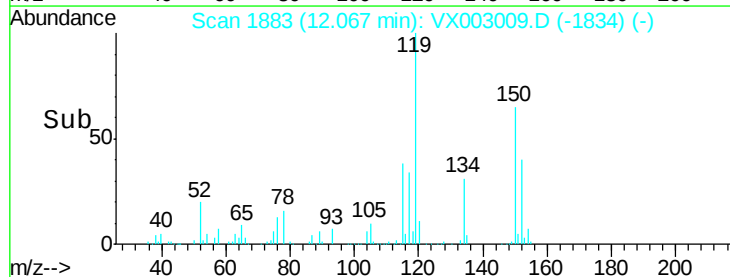
Tgt Ion:119 Resp: 258869
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.4 11.9 35.7



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



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.62 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

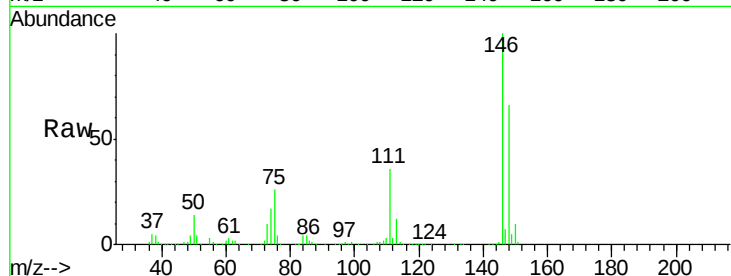
Tot Ion:146 Resp: 151608

Ion Ratio Lower Upper

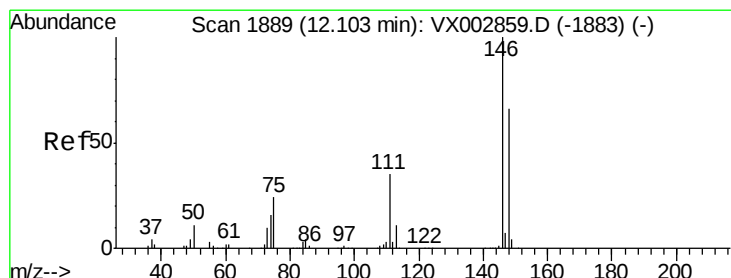
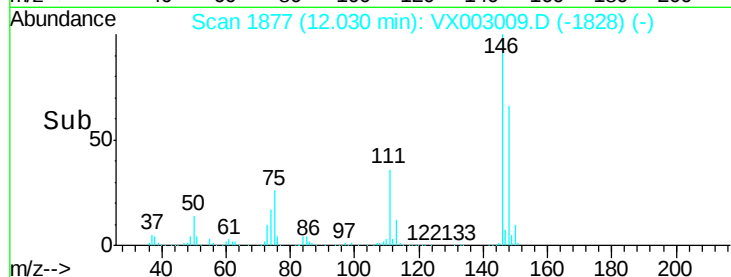
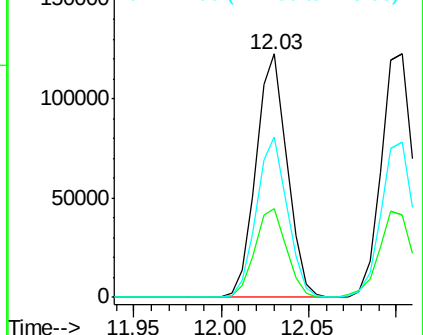
146 100

111 37.3 18.9 56.7

148 64.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.49 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

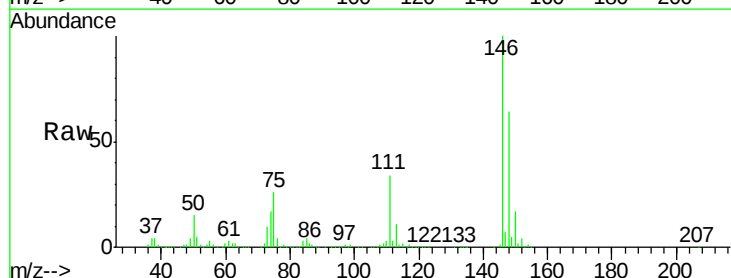
Tgt Ion:146 Resp: 154956

Ion Ratio Lower Upper

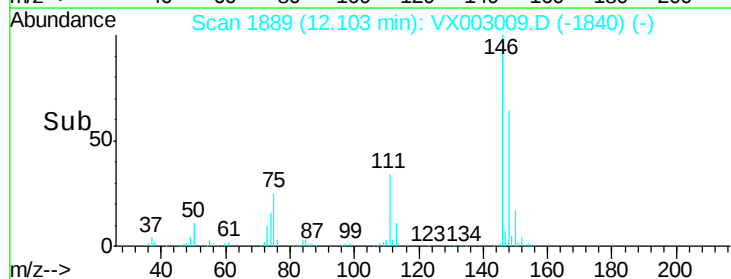
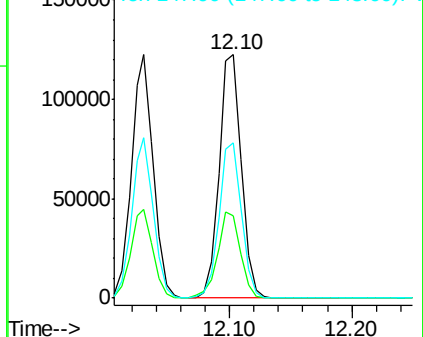
146 100

111 36.6 18.7 56.1

148 64.5 32.4 97.0



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

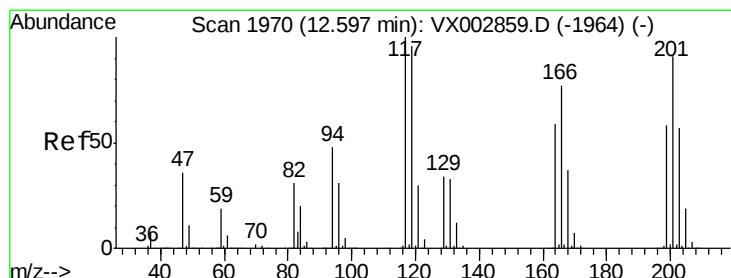
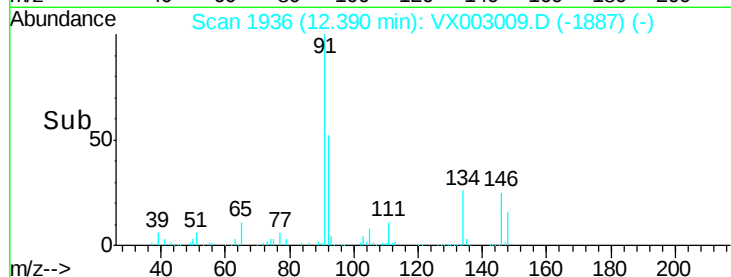
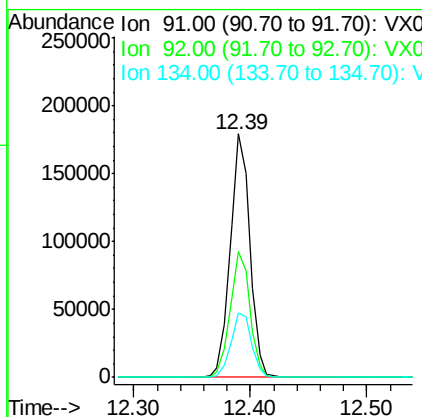
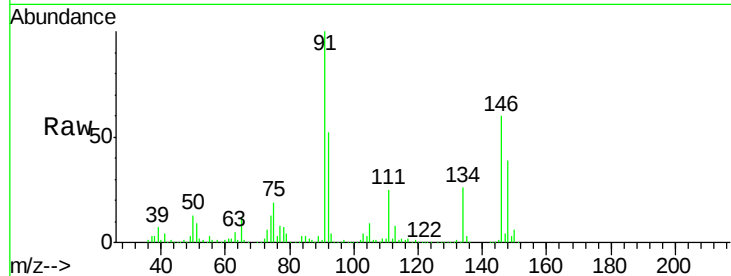




#89
n-Butylbenzene
Concen: 18.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

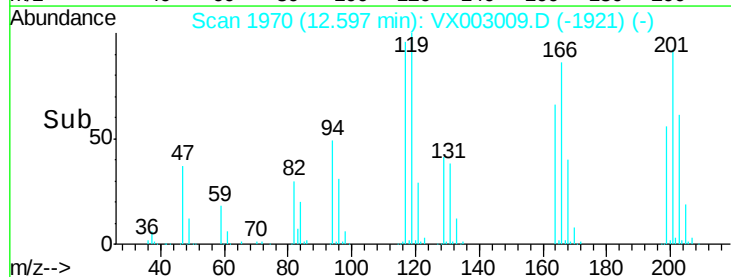
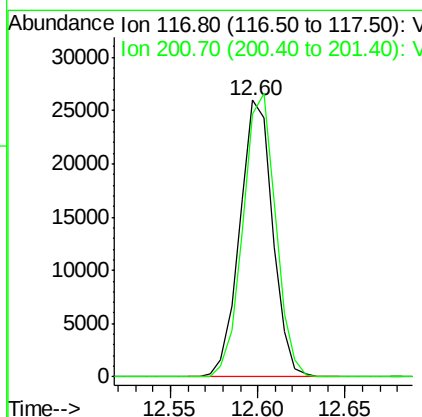
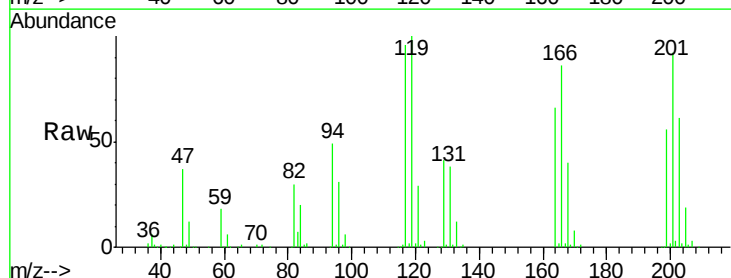
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS03

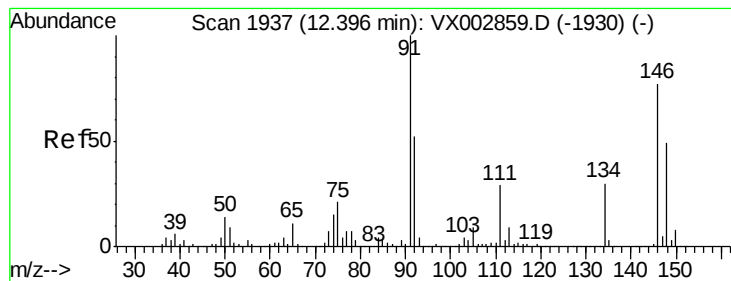
Tot Ion: 91 Resp: 210870
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 27.7 13.5 40.5



#90
Hexachloroethane
Concen: 17.01 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003009.D
Acq: 29 Jun 2018 02:44

Tgt Ion: 117 Resp: 34015
Ion Ratio Lower Upper
117 100
201 101.7 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.91 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

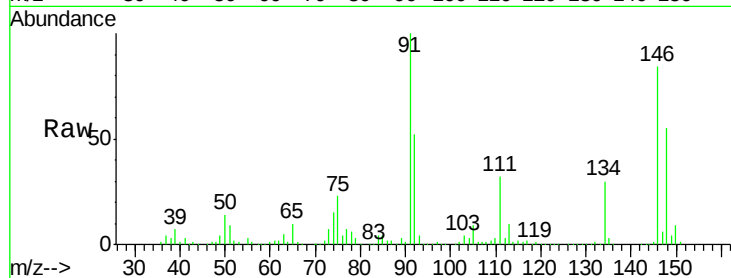
Tot Ion:146 Resp: 155268

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

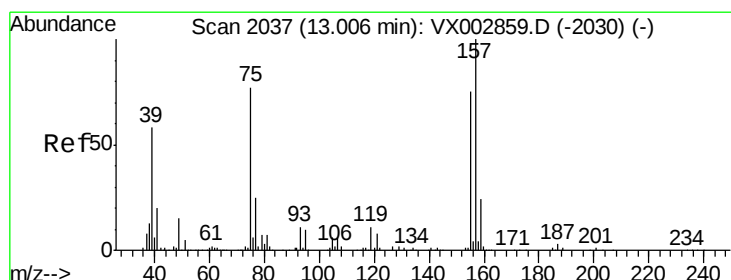
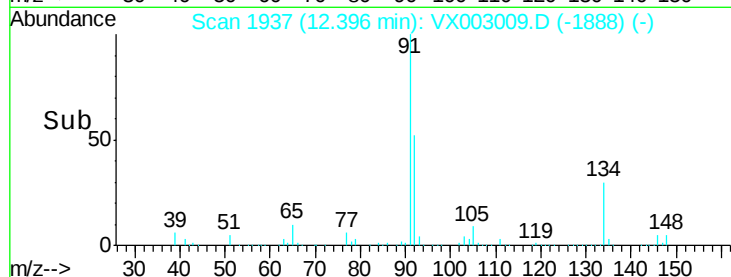
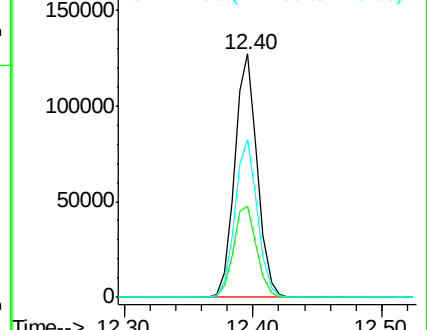
148 64.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.69 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

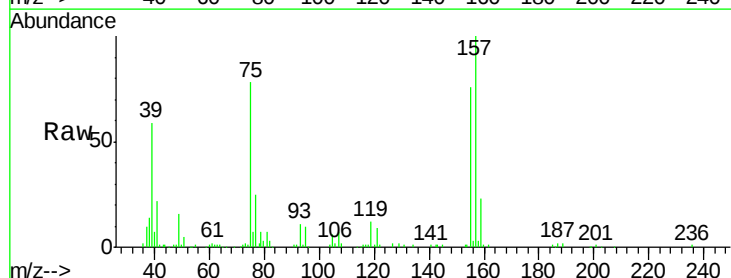
Tgt Ion: 75 Resp: 19227

Ion Ratio Lower Upper

75 100

155 94.6 45.8 137.4

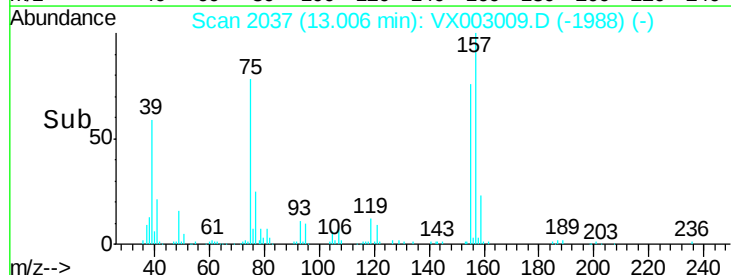
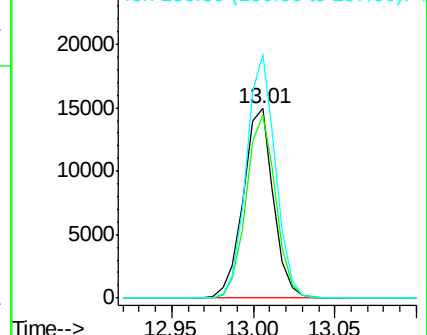
157 123.6 60.1 180.3

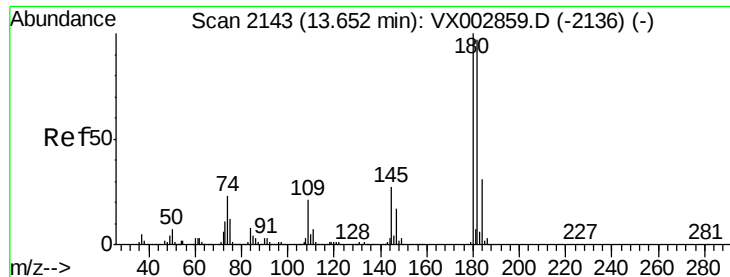


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.69 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

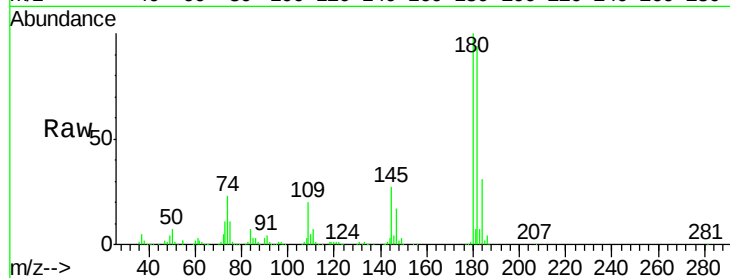
Tot Ion:180 Resp: 106089

Ion Ratio Lower Upper

180 100

182 94.2 47.7 143.1

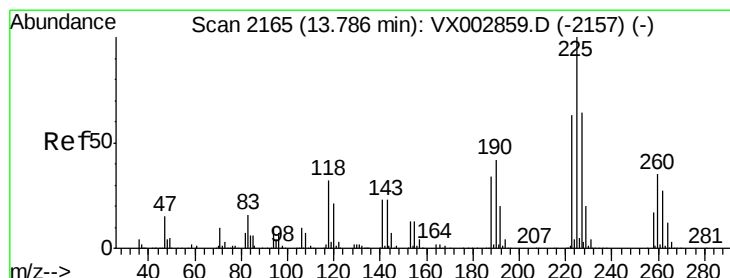
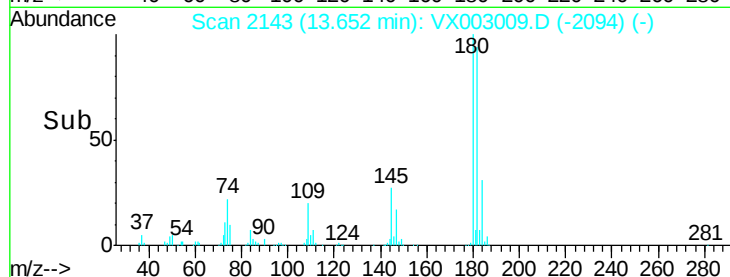
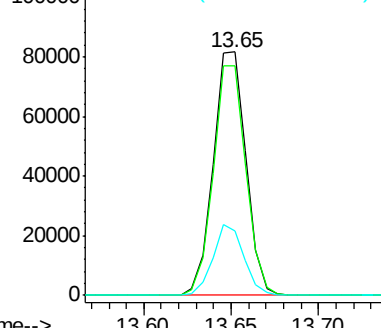
145 27.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.02 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

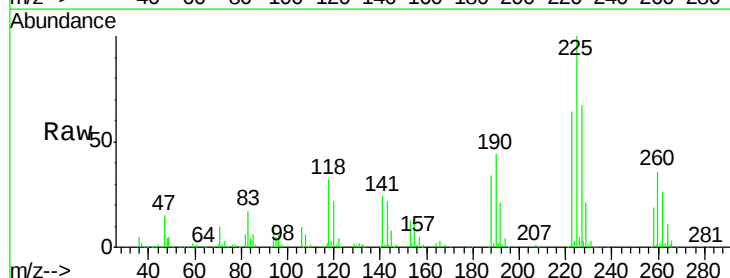
Tgt Ion:225 Resp: 50991

Ion Ratio Lower Upper

225 100

223 62.4 31.6 95.0

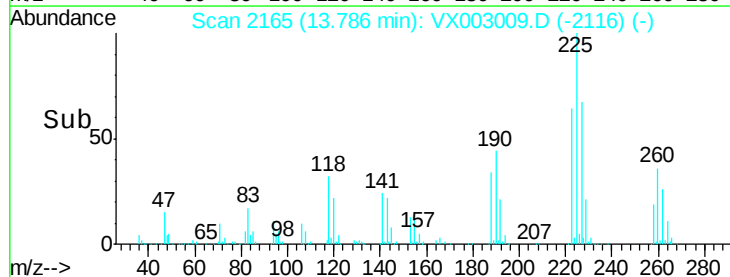
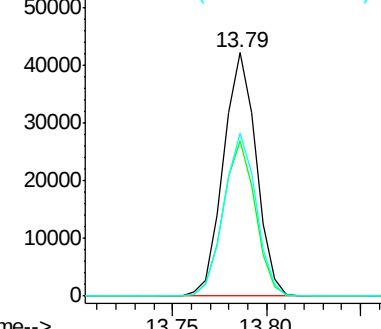
227 65.8 32.4 97.2

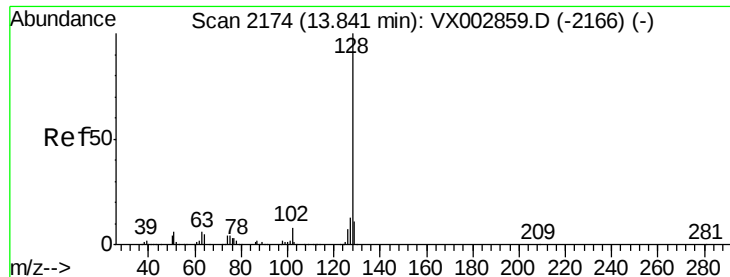


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS03

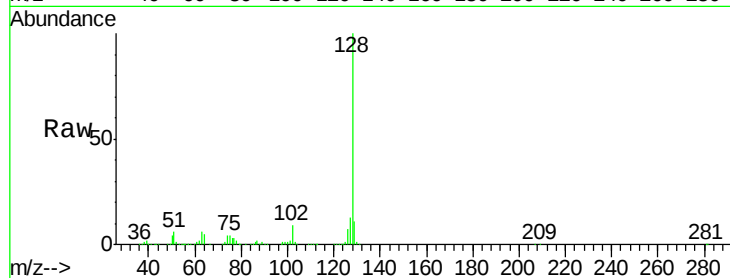
Tot Ion:128 Resp: 308116

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

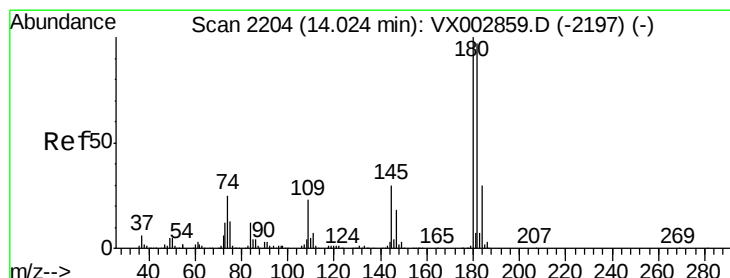
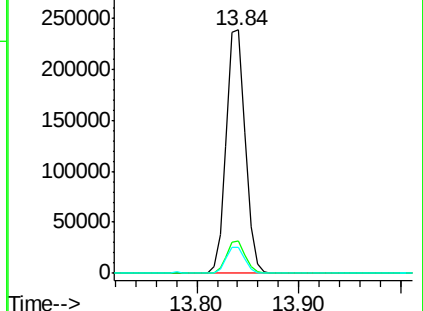
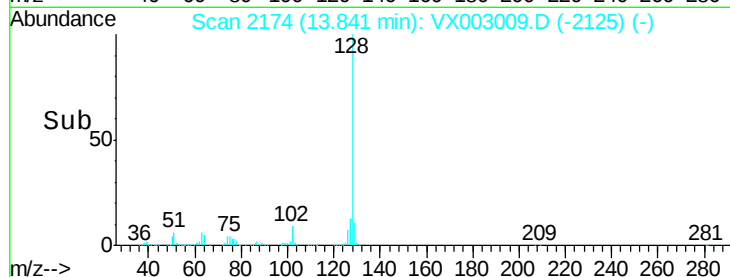
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.36 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003009.D

Acq: 29 Jun 2018 02:44

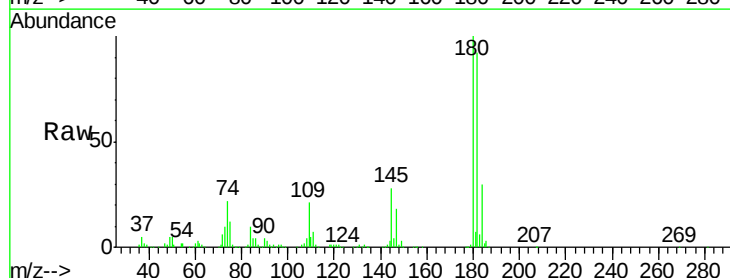
Tgt Ion:180 Resp: 109735

Ion Ratio Lower Upper

180 100

182 94.8 48.0 144.0

145 29.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

