

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003002.D
 Acq On : 28 Jun 2018 22:45
 Operator : JC/MD
 Sample : VX0628WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

Quant Time: Jun 29 05:33:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	49802	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	270826	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	254614	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	114592	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.14	95	123989	29.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.27%
63) Toluene-d8	8.72	98	330864	29.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.17%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	47341	19.92	ug/l	100
3) Chloromethane	1.32	50	50264	19.48	ug/l	99
4) Vinyl Chloride	1.40	62	54677	19.02	ug/l #	83
5) Bromomethane	1.64	94	24987	14.88	ug/l	99
6) Chloroethane	1.72	64	35259	18.23	ug/l	99
7) Trichlorofluoromethane	1.93	101	93840	18.36	ug/l	99
8) Diethyl Ether	2.19	74	34421	18.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52183	17.84	ug/l	97
10) 1,1-Dichloroethene	2.37	96	47826	18.58	ug/l	98
11) Methyl Iodide	2.51	142	40344	13.61	ug/l	99
12) Methyl Acetate	2.78	43	95091	22.76	ug/l	99
13) Acrolein	2.30	56	28479	95.87	ug/l	100
14) Acrylonitrile	3.15	53	155968	99.25	ug/l	99
15) Acetone	2.45	58	41592	95.22	ug/l	99
16) Carbon Disulfide	2.57	76	120986	18.77	ug/l	100
17) Allyl chloride	2.73	41	94383	18.42	ug/l	97
18) Methylene Chloride	2.86	84	55619	18.87	ug/l	100
19) trans-1,2-Dichloroethene	3.17	96	51853	18.78	ug/l	99
20) Diisopropyl ether	3.88	45	195156	20.44	ug/l	98
21) 1,1-Dichloroethane	3.70	63	104965	20.45	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	63496	21.40	ug/l	81
23) tert-Butyl Alcohol	3.08	59	72716	101.92	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	181432	18.87	ug/l	97
25) Chloroform	5.22	83	107489	20.86	ug/l	99
26) Cyclohexane	5.57	56	82083	18.82	ug/l #	97
29) 1,1-Dichloropropene	5.80	75	74681	20.42	ug/l	99
30) 2-Butanone	4.71	43	228063	108.98	ug/l	96
31) 2,2-Dichloropropane	4.59	77	61958	15.85	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	94423	21.37	ug/l	98
33) Carbon Tetrachloride	5.79	117	82075	20.67	ug/l	95
34) Benzene	6.15	78	224682	20.74	ug/l	99
35) Methacrylonitrile	5.07	41	49614	21.77	ug/l	92
36) 1,2-Dichloroethane	6.20	62	90255	21.22	ug/l	99
37) Trichloroethene	7.21	130	65711	20.71	ug/l	95
38) Methylcyclohexane	7.46	83	77485	17.41	ug/l	99
39) 1,2-Dichloropropane	7.52	63	58910	20.85	ug/l	97
40) Dibromomethane	7.67	93	41067	20.92	ug/l	97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	76758	20.82	ug/l	98
42) Vinyl Acetate	3.83	43	786978	99.15	ug/l	100
43) Ethyl Acetate	4.87	43	88045	22.00	ug/l	100
44) Isopropyl Acetate	6.47	43	141806	21.14	ug/l	100
45) 1,4-Dioxane	7.76	88	29333	446.47	ug/l #	85
46) Methyl methacrylate	7.78	41	72638	21.20	ug/l	98
47) n-amyl Acetate	10.90	43	121446	19.19	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	83063	19.19	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	77166	19.09	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	61236	21.15	ug/l	97
51) Ethyl methacrylate	9.18	69	90415	20.69	ug/l	94
52) 1,3-Dichloropropane	9.38	76	99728	21.09	ug/l	99
53) Dibromochloromethane	9.59	129	63093	20.53	ug/l	100
54) 1,2-Dibromoethane	9.68	107	63069	20.67	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	52299	25.19	ug/l	99
56) Bromoform	10.86	173	49012	19.97	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	469366	108.58	ug/l	97
59) 2-Hexanone	9.50	43	356558	107.90	ug/l	99
61) Tetrachloroethene	9.34	164	74788	21.40	ug/l	96
62) Toluene	8.79	91	253444	20.65	ug/l	99
64) Chlorobenzene	10.14	112	167157	20.50	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	61968	20.73	ug/l	99
66) Ethyl Benzene	10.26	91	277572	20.08	ug/l	99
67) m/p-Xylenes	10.37	106	216883	40.38	ug/l	97
68) o-Xylene	10.70	106	104891	20.04	ug/l	98
69) Styrene	10.71	104	175866	20.14	ug/l	98
70) Isopropylbenzene	11.02	105	281833	19.53	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	93026	21.56	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	99111	26.50	ug/l	94
73) Bromobenzene	11.26	156	79973	19.93	ug/l	95
74) n-propylbenzene	11.37	91	311584	18.60	ug/l	99
75) 2-Chlorotoluene	11.43	91	193762	19.88	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	233662	19.07	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	19365	16.10	ug/l	87
78) 4-Chlorotoluene	11.51	91	224170	19.41	ug/l	97
79) tert-butylbenzene	12.07	119	237287	17.56	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	237576	18.99	ug/l	98
81) sec-Butylbenzene	11.95	105	268016	17.88	ug/l	100
82) p-Isopropyltoluene	12.07	119	237287	17.56	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	143490	19.43	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	144971	19.44	ug/l	99
85) n-Butylbenzene	12.39	91	195429	16.31	ug/l	98
86) Hexachloroethane	12.60	117	33061	16.14	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	147225	19.74	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19471	20.21	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	99436	17.66	ug/l	99
90) Hexachlorobutadiene	13.79	225	49362	16.84	ug/l	100
91) Naphthalene	13.84	128	303511	20.34	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	105982	18.92	ug/l	99

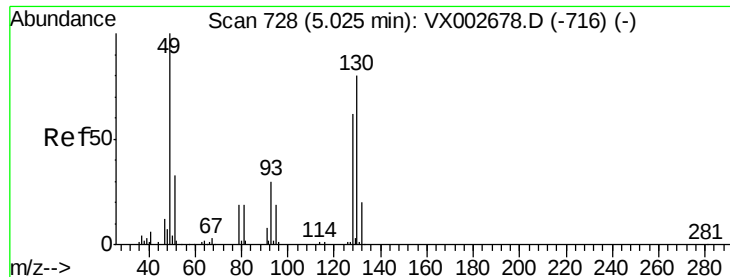
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

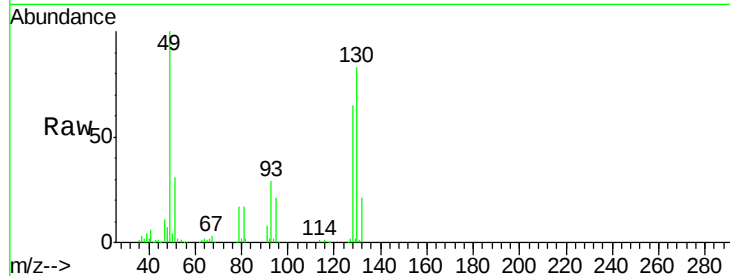
Tot Ion:128 Resp: 49802

Ion Ratio Lower Upper

128 100

49 157.1 0.0 423.0

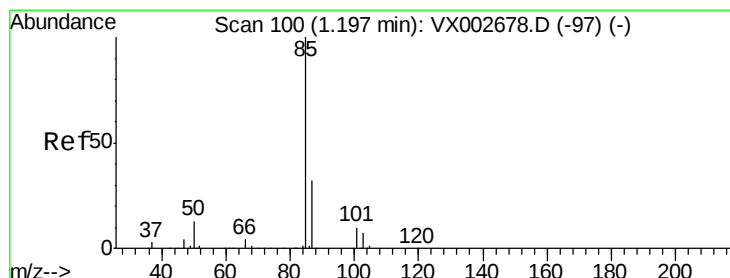
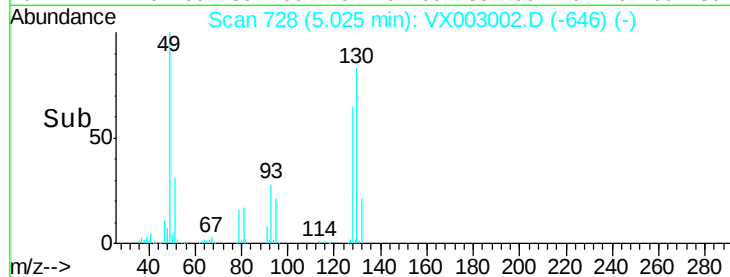
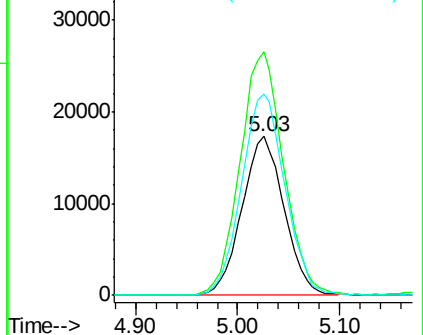
130 130.9 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003002.D

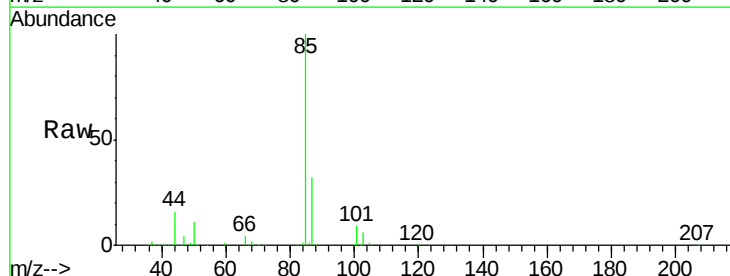
Acq: 28 Jun 2018 22:45

Tgt Ion: 85 Resp: 47341

Ion Ratio Lower Upper

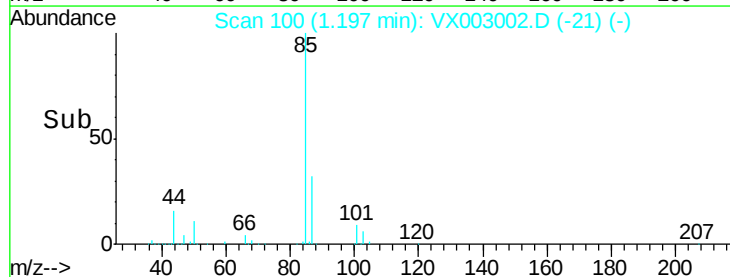
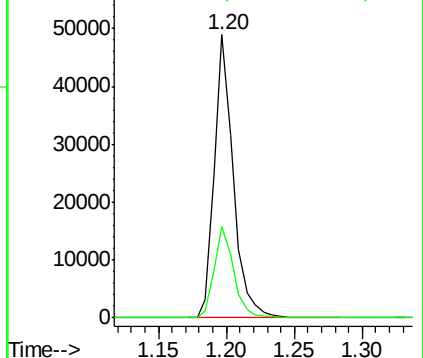
85 100

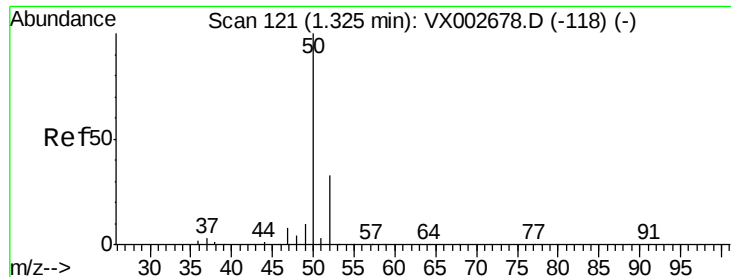
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

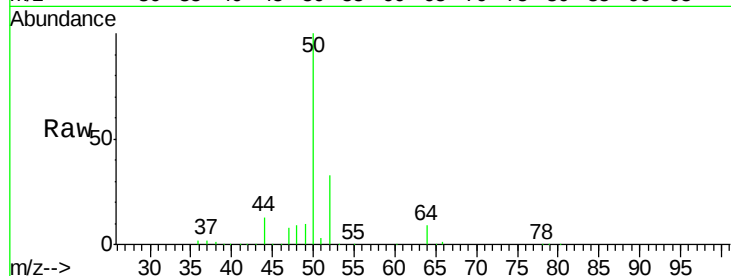
VX0628WBSD02

Tot Ion: 50 Resp: 50264

Ion Ratio Lower Upper

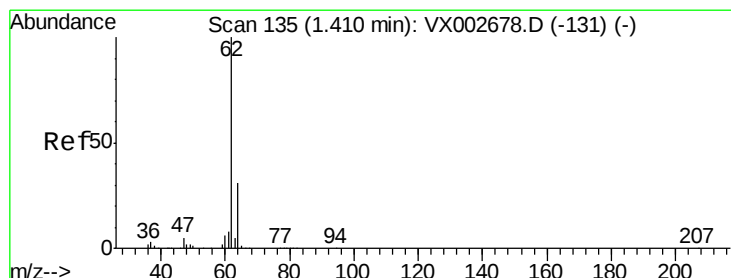
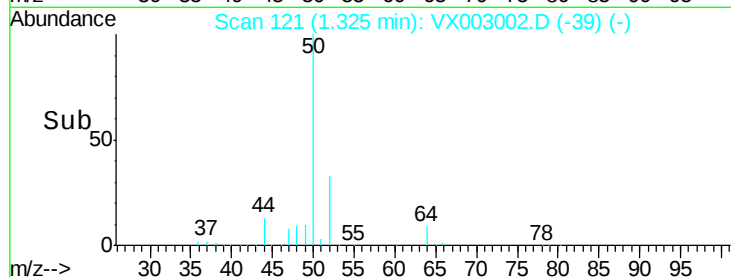
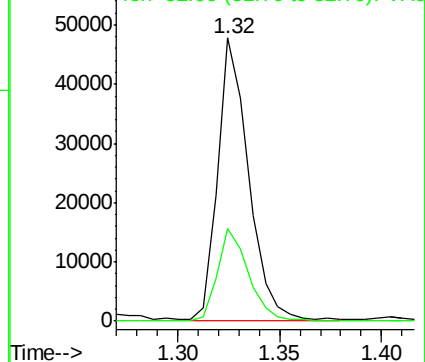
50 100

52 32.6 25.6 38.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003002.D

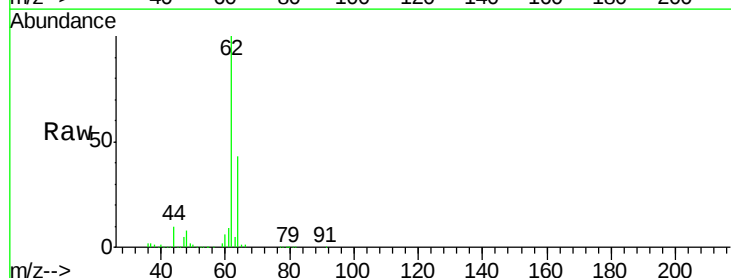
Acq: 28 Jun 2018 22:45

Tgt Ion: 62 Resp: 54677

Ion Ratio Lower Upper

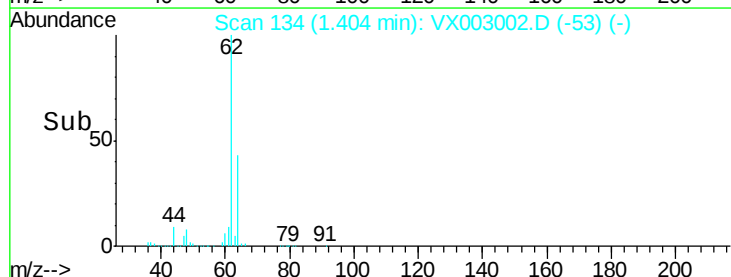
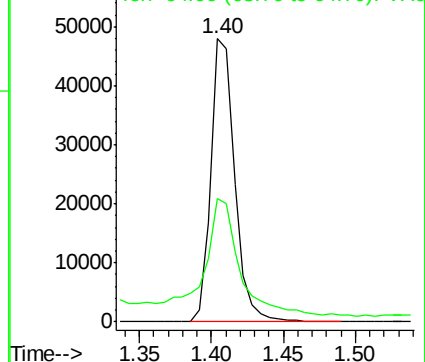
62 100

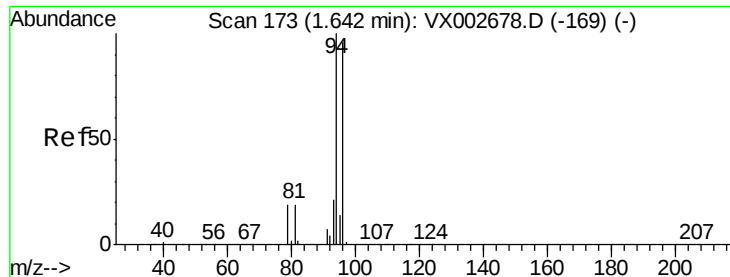
64 41.0 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 14.88 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

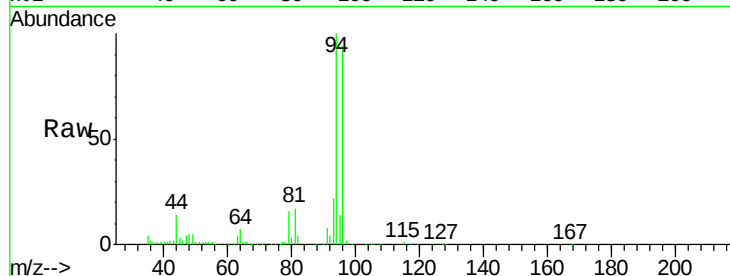
VX0628WBSD02

Tot Ion: 94 Resp: 24987

Ion Ratio Lower Upper

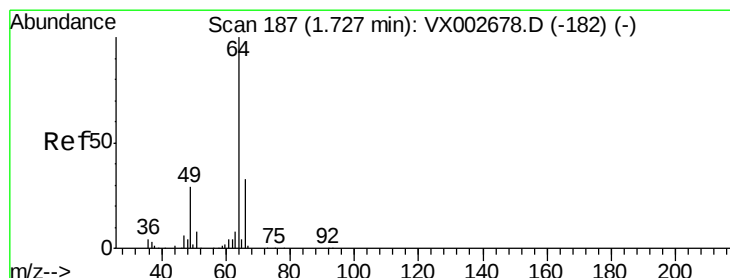
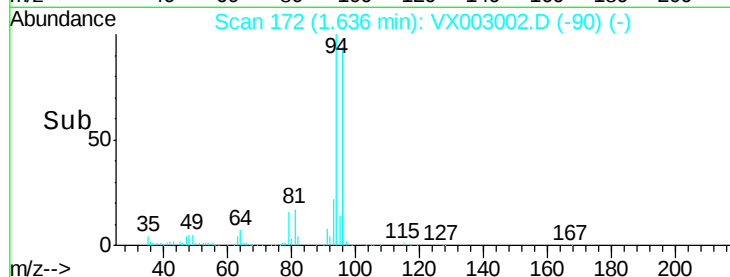
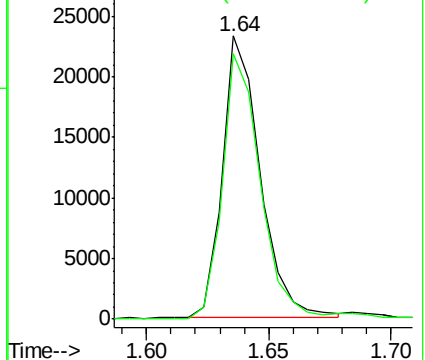
94 100

96 94.0 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.23 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003002.D

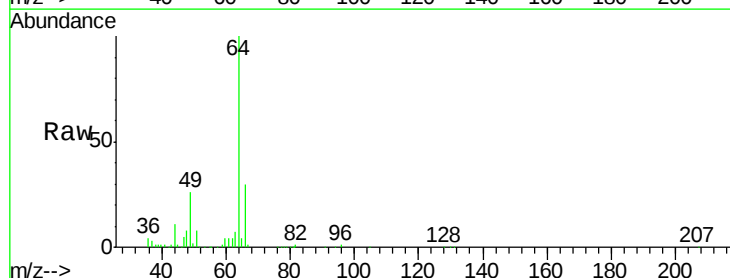
Acq: 28 Jun 2018 22:45

Tgt Ion: 64 Resp: 35259

Ion Ratio Lower Upper

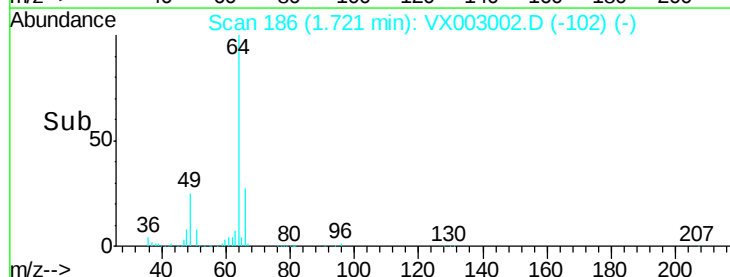
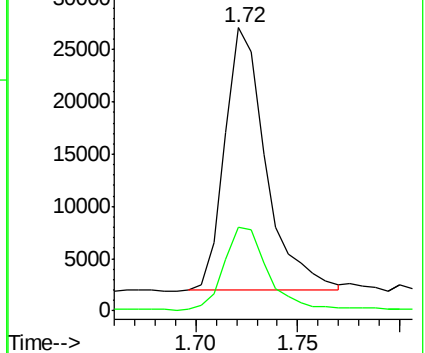
64 100

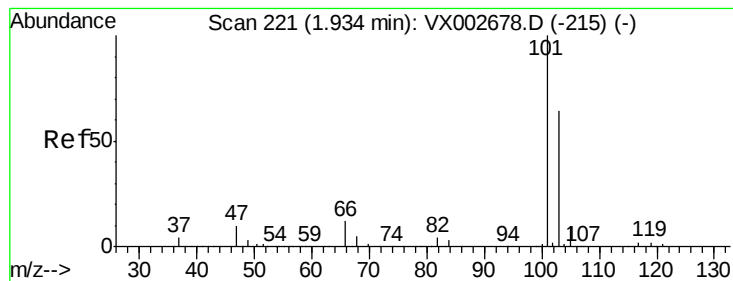
66 31.0 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 18.36 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

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ClientSampleId :

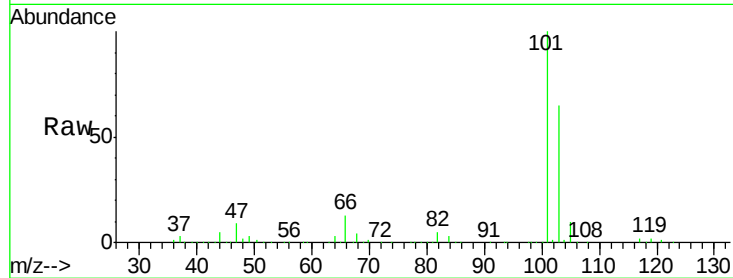
VX0628WBSD02

Tot Ion:101 Resp: 93840

Ion Ratio Lower Upper

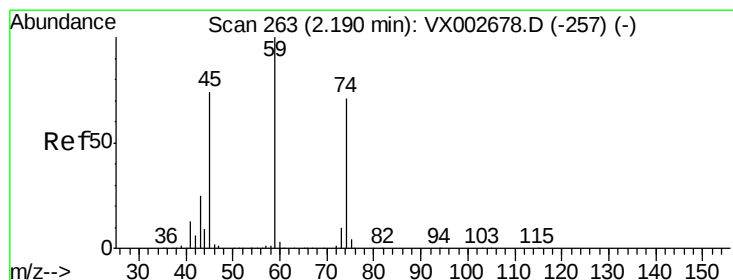
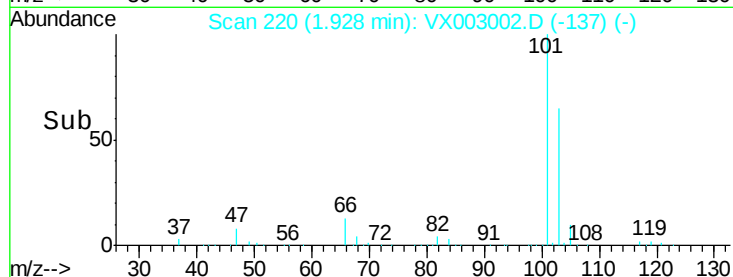
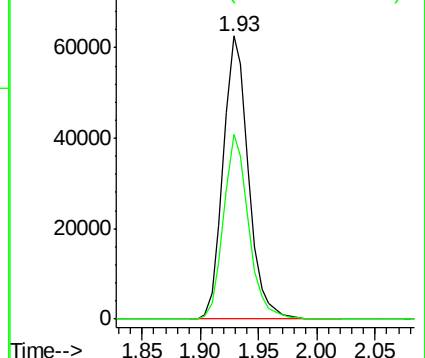
101 100

103 65.4 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 18.89 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003002.D

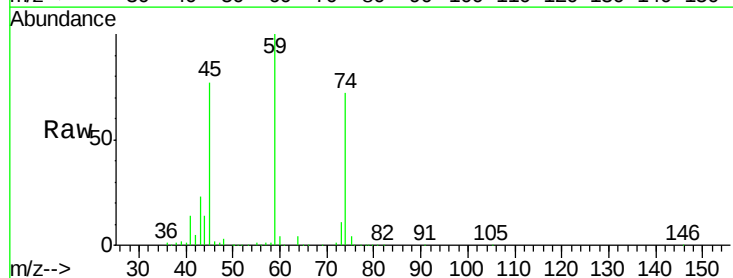
Acq: 28 Jun 2018 22:45

Tgt Ion: 74 Resp: 34421

Ion Ratio Lower Upper

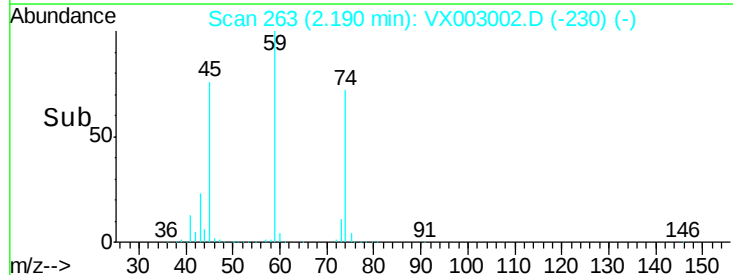
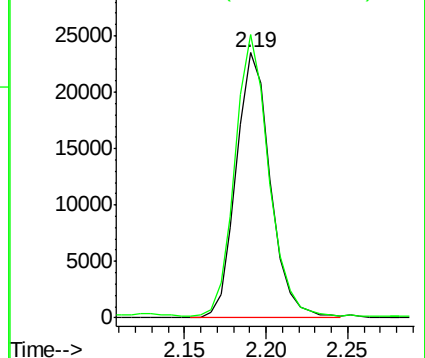
74 100

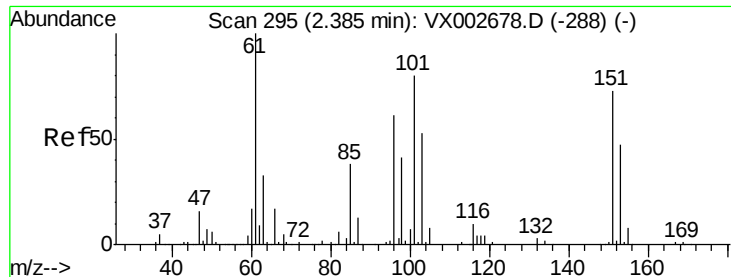
45 104.3 20.5 184.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

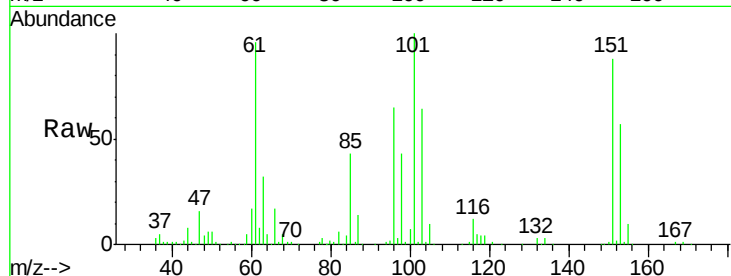
Tot Ion:101 Resp: 52183

Ion Ratio Lower Upper

101 100

85 45.1 0.0 87.0

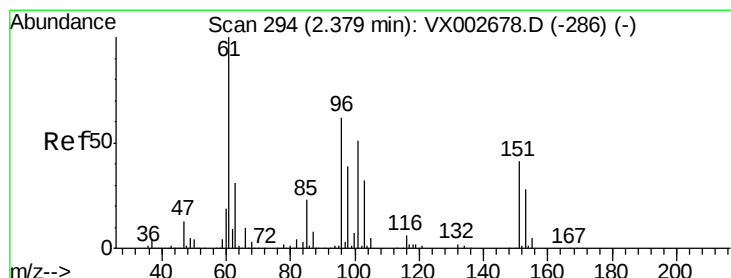
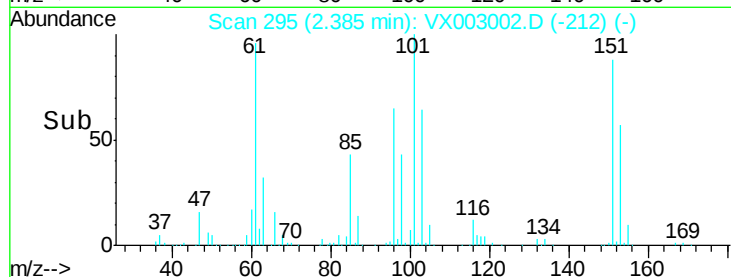
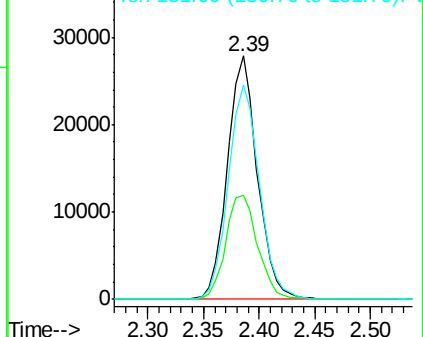
151 91.5 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.58 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

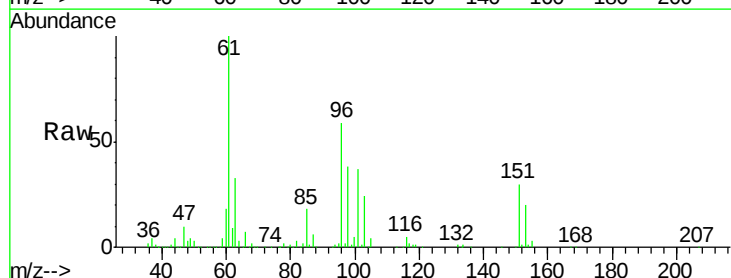
Tgt Ion: 96 Resp: 47826

Ion Ratio Lower Upper

96 100

61 168.0 137.5 206.3

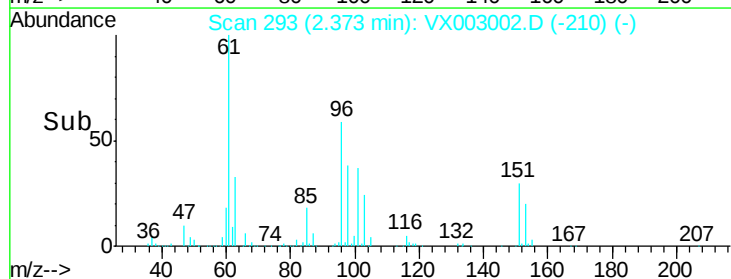
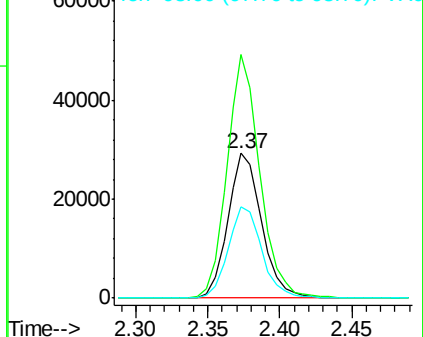
98 63.4 51.4 77.2

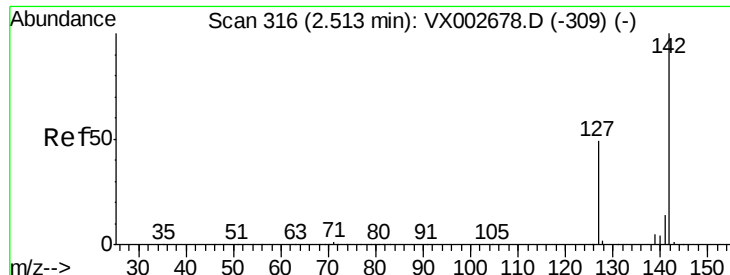


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

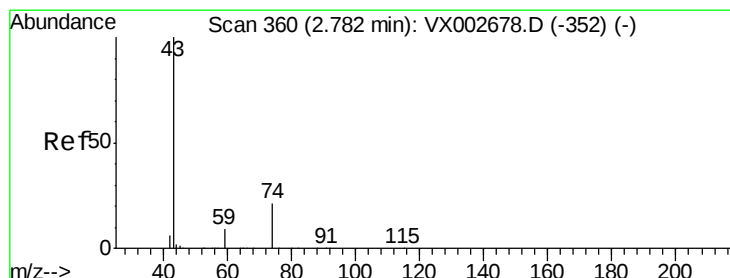
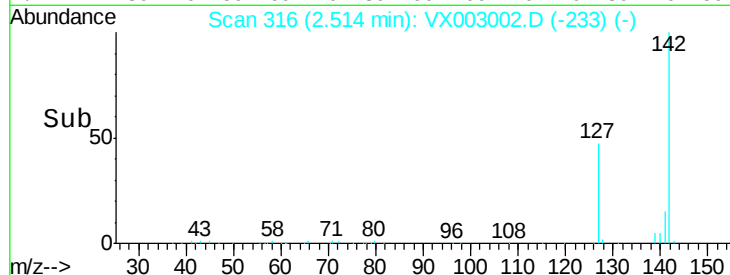
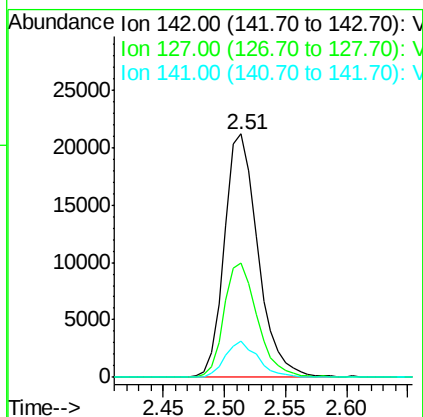
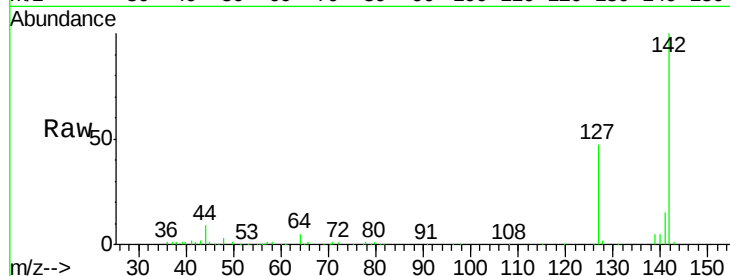




#11
Methvl Iodide
Concen: 13.61 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

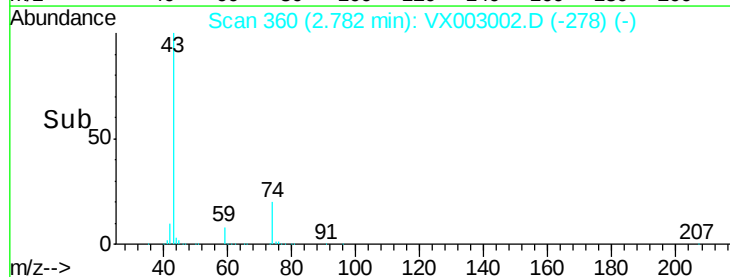
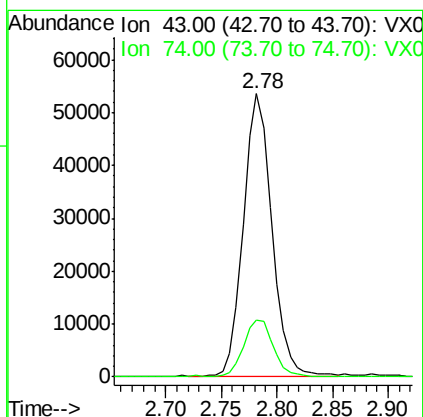
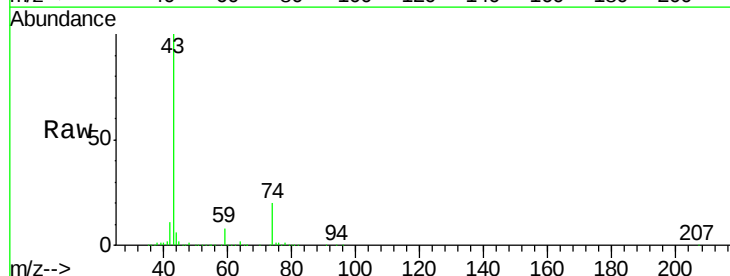
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

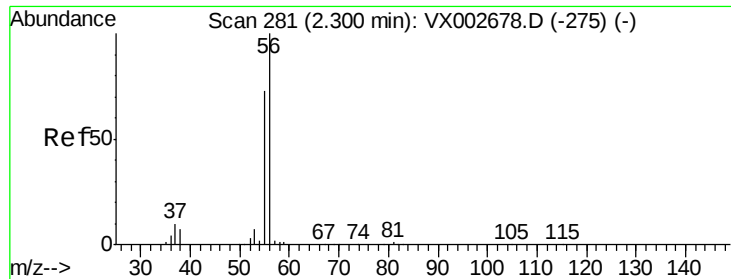
Tot Ion:142 Resp: 40344
Ion Ratio Lower Upper
142 100
127 46.8 23.2 69.6
141 15.0 7.4 22.2



#12
Methyl Acetate
Concen: 22.76 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 43 Resp: 95091
Ion Ratio Lower Upper
43 100
74 19.9 16.4 24.6





#13

Acrolein

Concen: 95.87 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

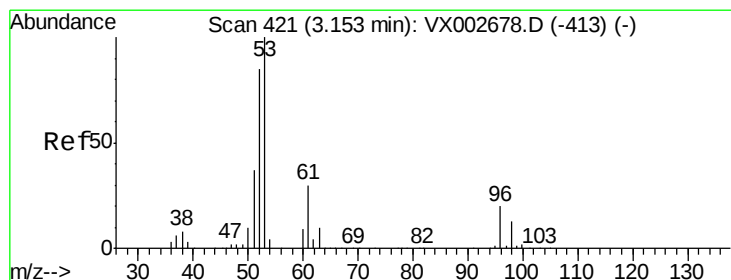
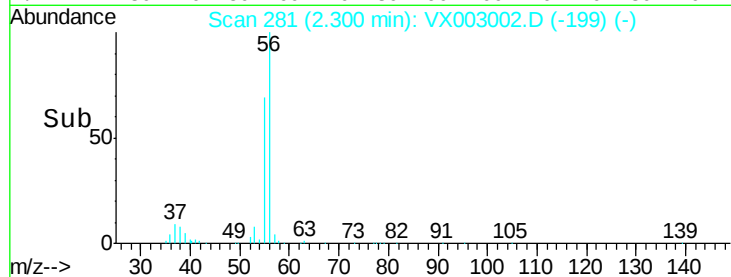
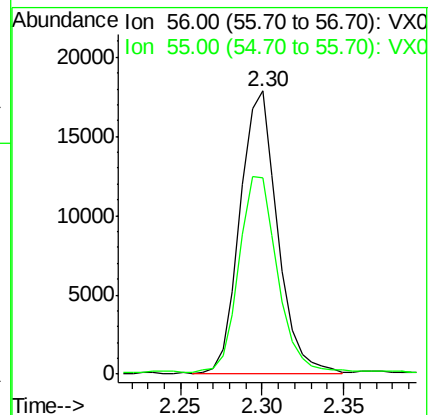
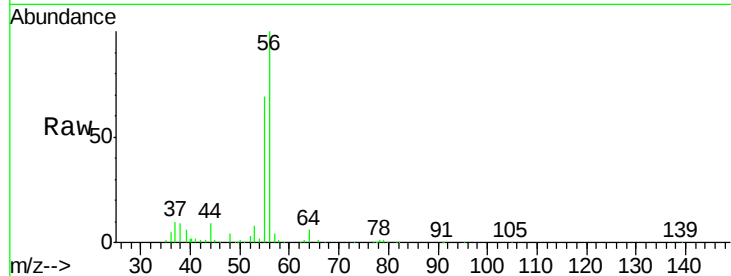
VX0628WBSD02

Tot Ion: 56 Resp: 28479

Ion Ratio Lower Upper

56 100

55 71.8 57.3 85.9



#14

Acrylonitrile

Concen: 99.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

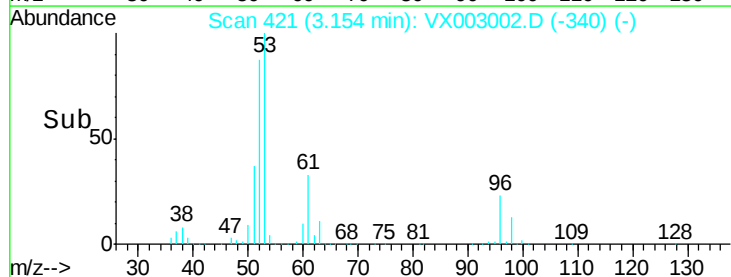
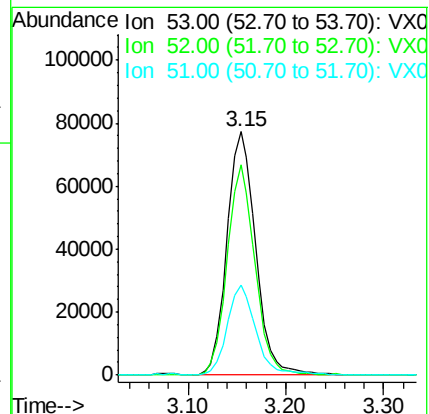
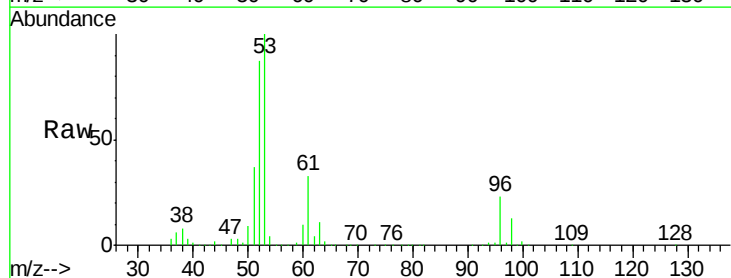
Tgt Ion: 53 Resp: 155968

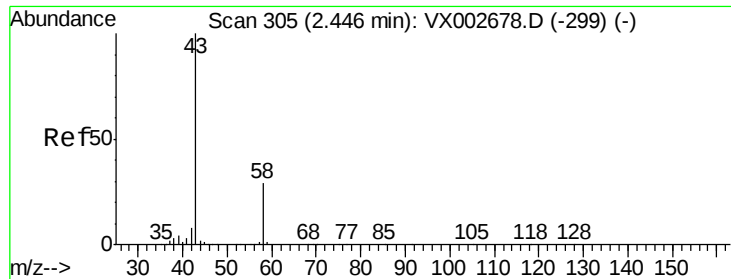
Ion Ratio Lower Upper

53 100

52 84.3 41.5 124.6

51 37.0 17.9 53.8





#15

Acetone

Concen: 95.22 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

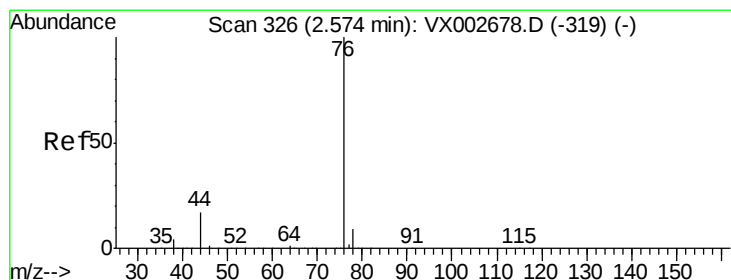
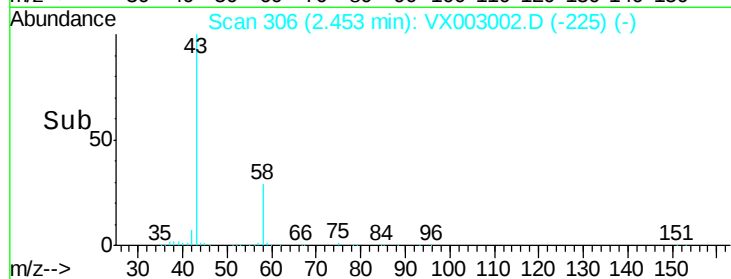
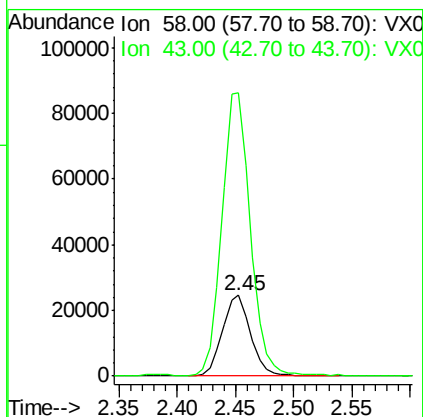
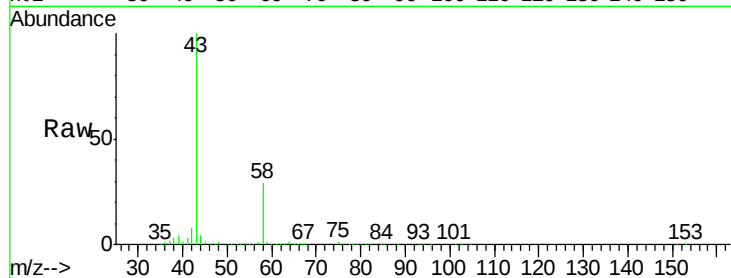
VX0628WBSD02

Tot Ion: 58 Resp: 41592

Ion Ratio Lower Upper

58 100

43 351.0 278.8 418.2



#16

Carbon Disulfide

Concen: 18.77 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003002.D

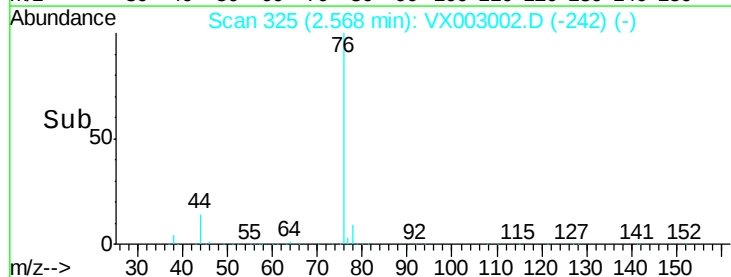
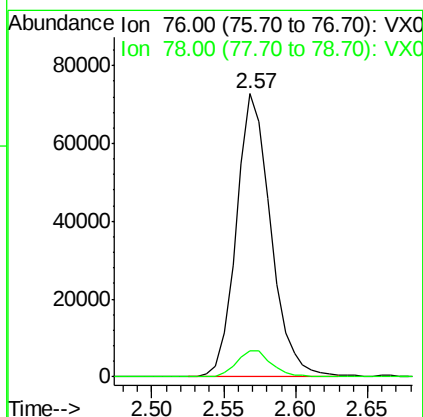
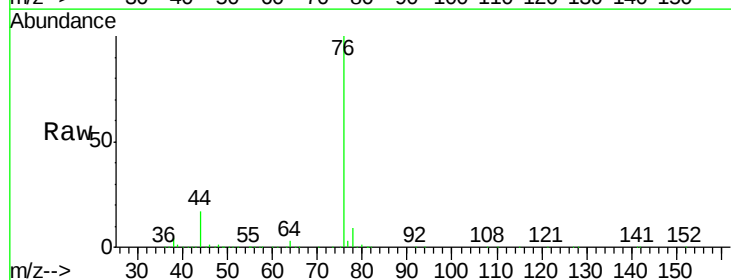
Acq: 28 Jun 2018 22:45

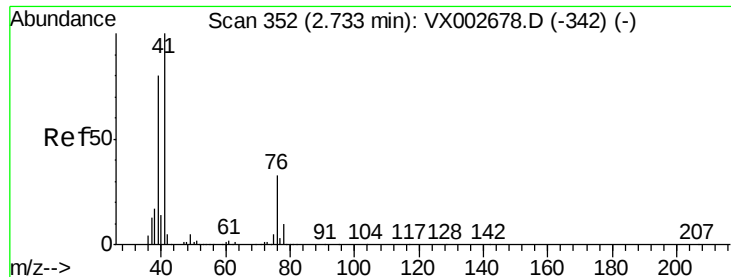
Tgt Ion: 76 Resp: 120986

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

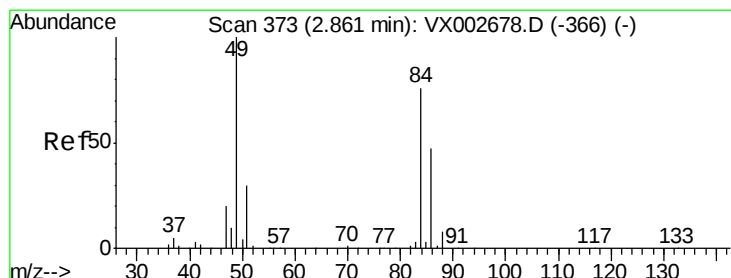
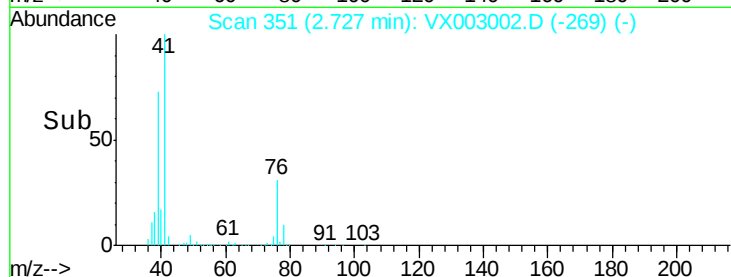
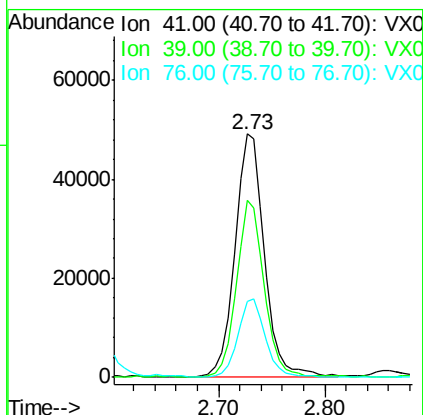
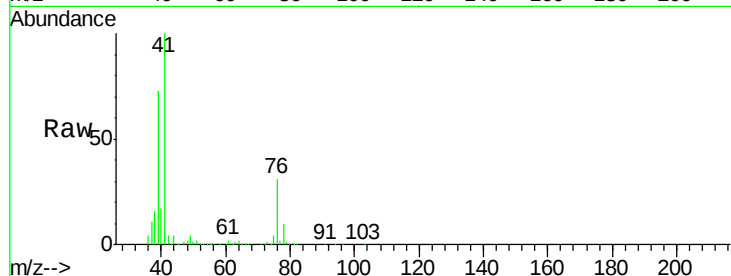




#17
Allvl chloride
Concen: 18.42 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

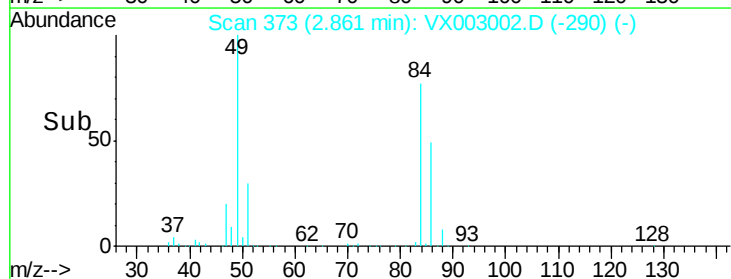
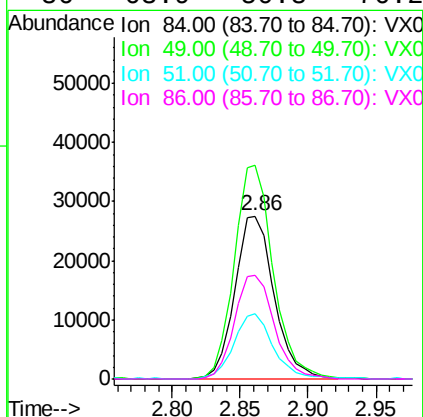
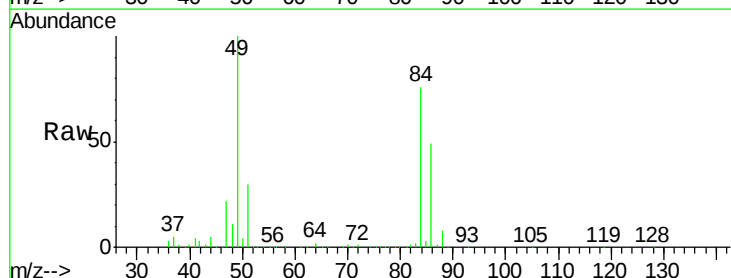
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

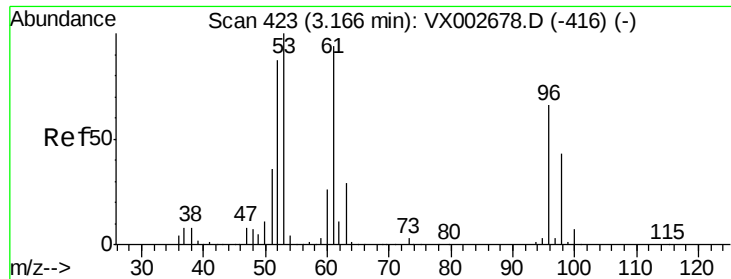
Tot Ion: 41 Resp: 94383
Ion Ratio Lower Upper
41 100
39 72.5 34.6 103.8
76 31.1 15.0 45.1



#18
Methylene Chloride
Concen: 18.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 84 Resp: 55619
Ion Ratio Lower Upper
84 100
49 130.8 104.7 157.1
51 39.4 31.0 46.4
86 63.9 50.8 76.2

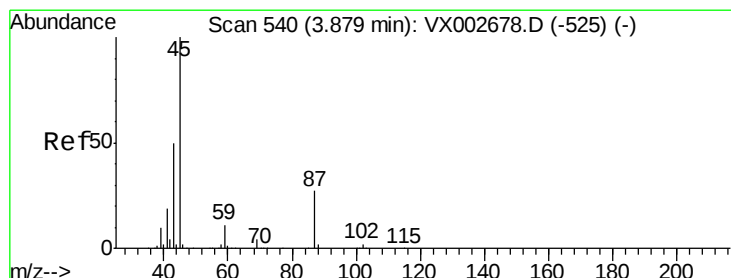
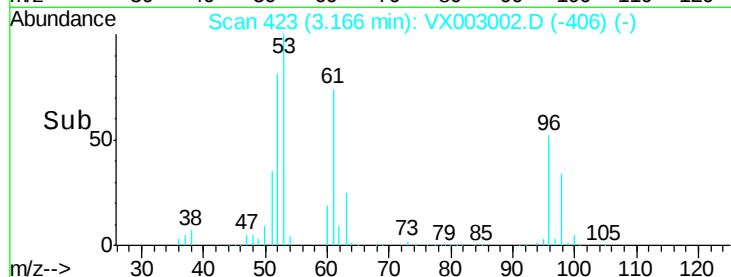
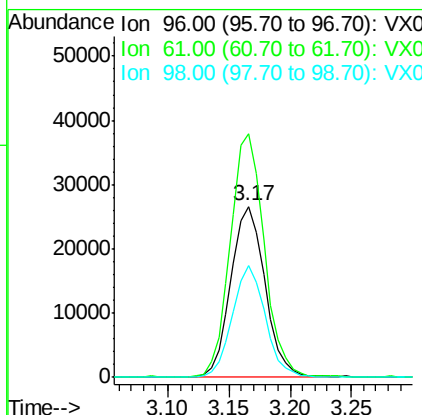
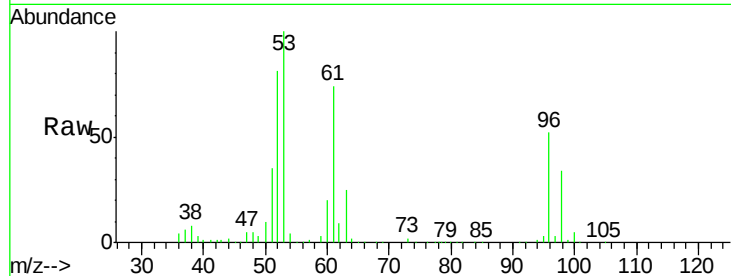




#19
trans-1,2-Dichloroethene
Concen: 18.78 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

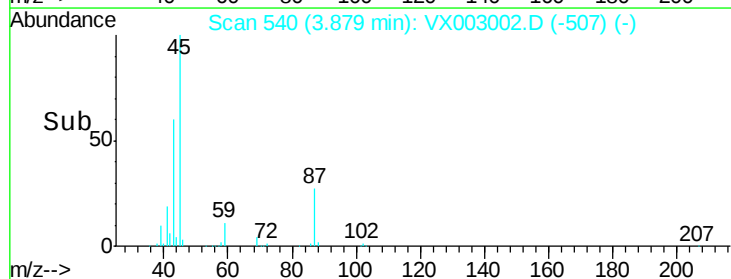
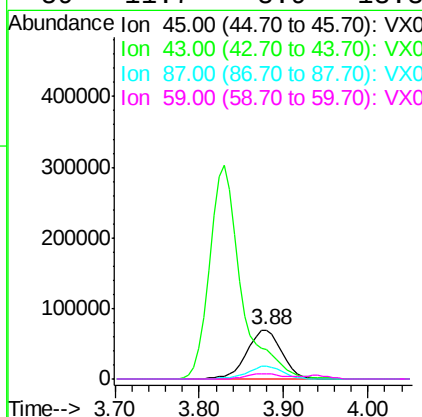
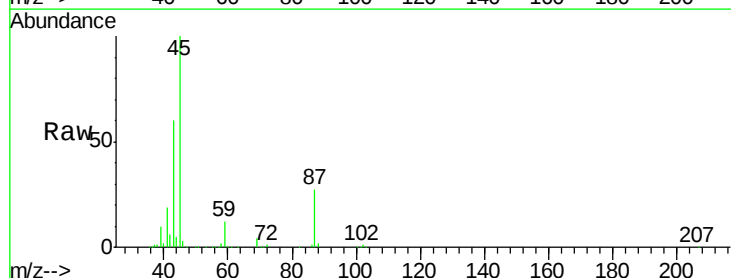
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

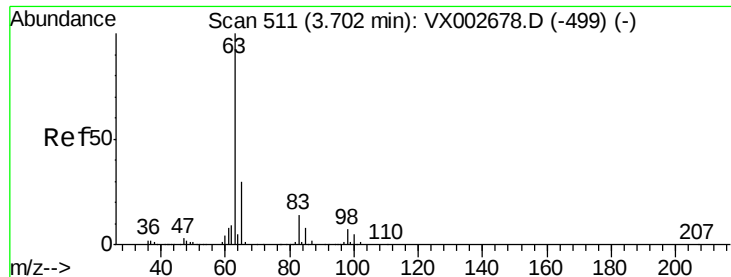
Tot Ion: 96 Resp: 51853
Ion Ratio Lower Upper
96 100
61 142.1 114.6 172.0
98 65.7 51.3 76.9



#20
Diisopropyl ether
Concen: 20.44 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 45 Resp: 195156
Ion Ratio Lower Upper
45 100
43 58.8 45.6 68.4
87 27.1 20.7 31.1
59 11.7 8.9 13.3





#21

1,1-Dichloroethane

Concen: 20.45 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

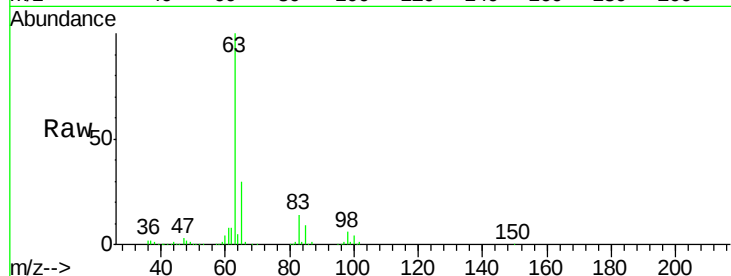
Tot Ion: 63 Resp: 104965

Ion Ratio Lower Upper

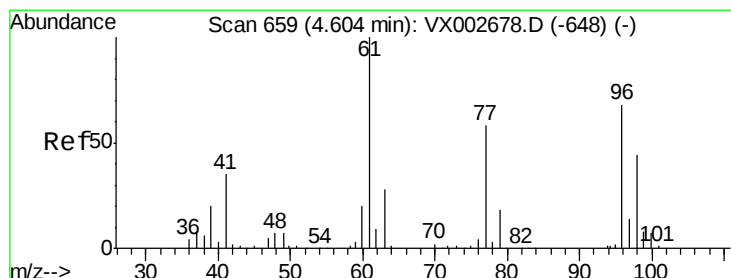
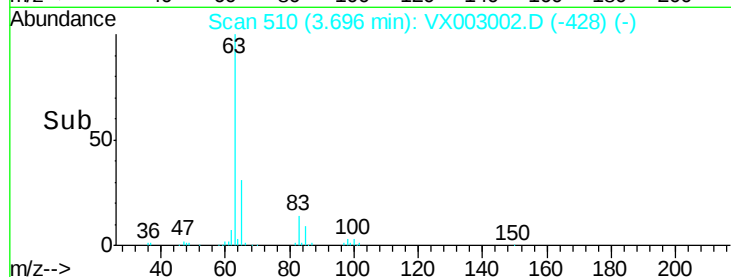
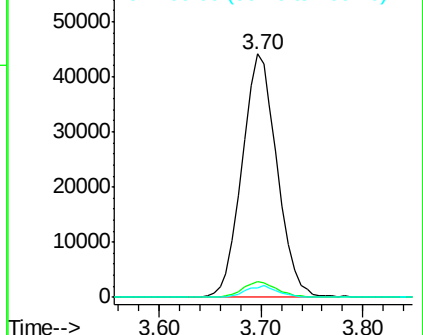
63 100

98 6.5 3.1 9.3

100 3.7 2.2 6.6



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



#22

cis-1,2-Dichloroethene

Concen: 21.40 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

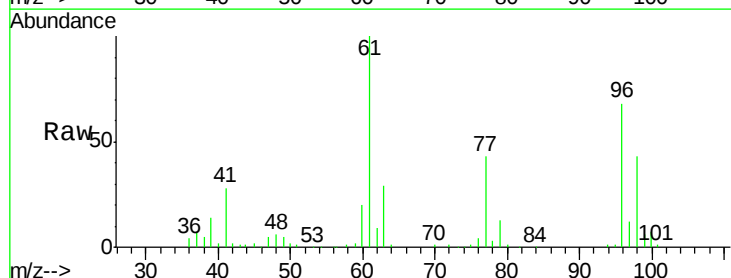
Tgt Ion: 96 Resp: 63496

Ion Ratio Lower Upper

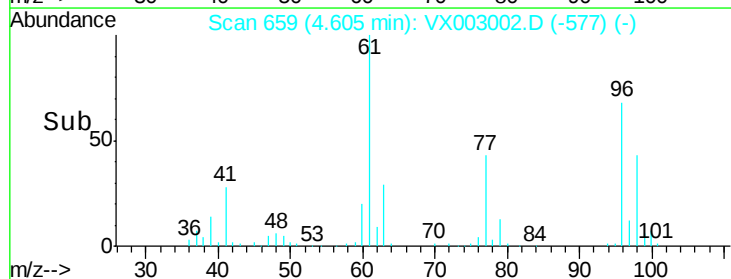
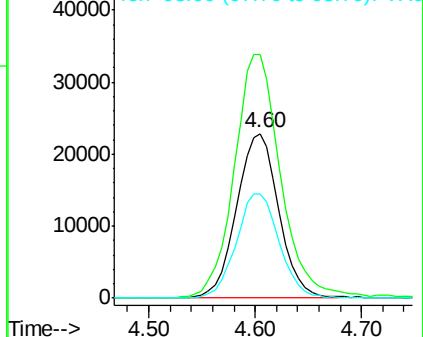
96 100

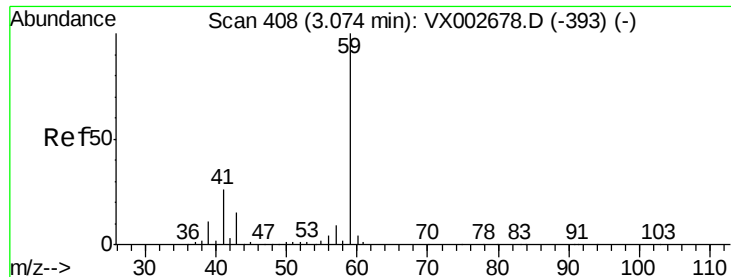
61 162.7 160.2 240.2

98 64.7 54.1 81.1



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



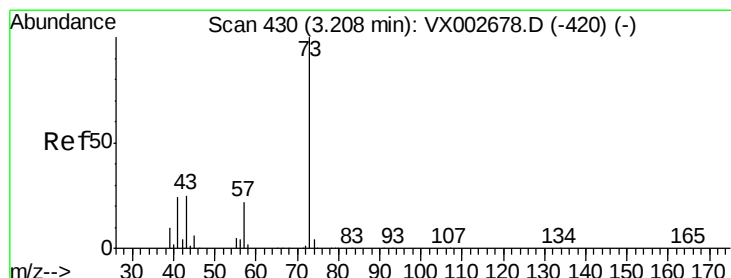
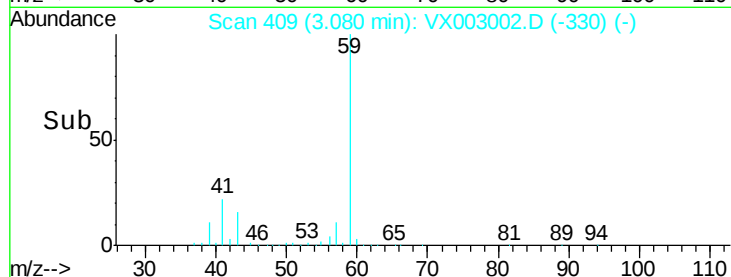
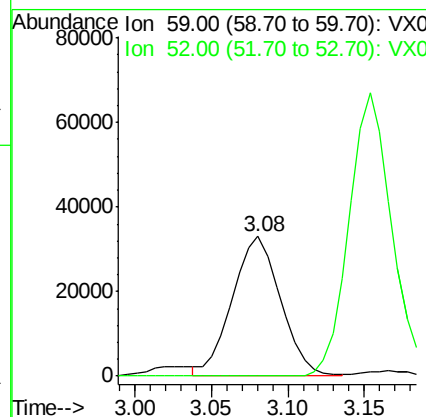
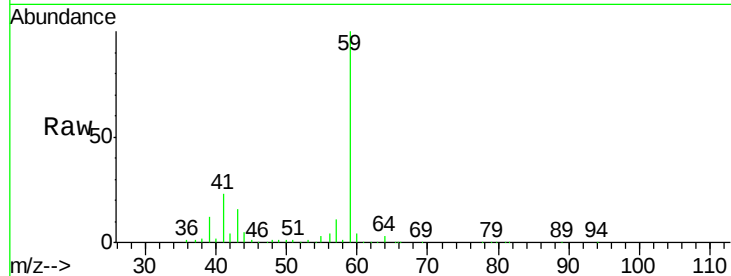


#23

tert-Butyl Alcohol
 Concen: 101.92 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

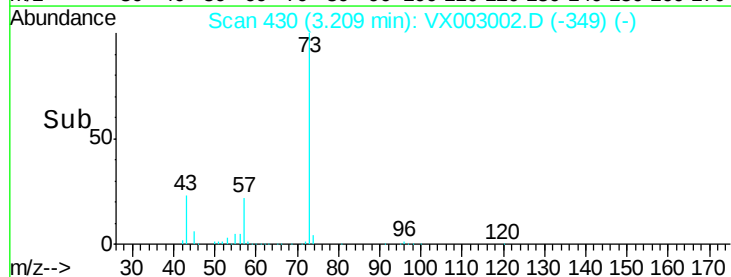
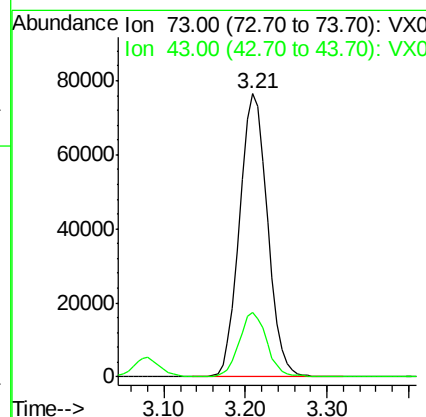
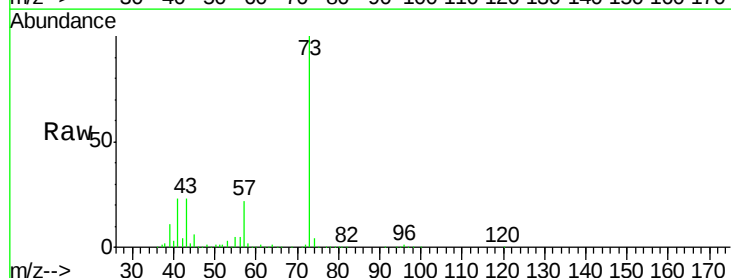
Tot Ion: 59 Resp: 72716
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

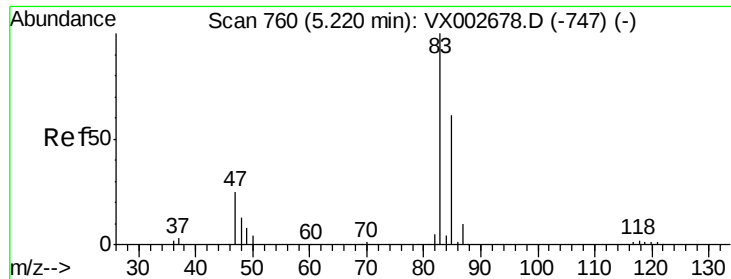


#24

Methyl tert-Butyl Ether
 Concen: 18.87 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 73 Resp: 181432
 Ion Ratio Lower Upper
 73 100
 43 22.0 19.0 28.4

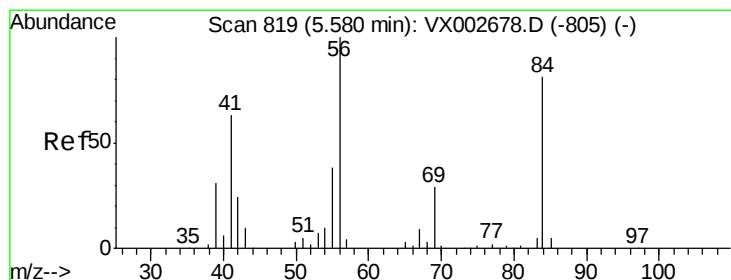
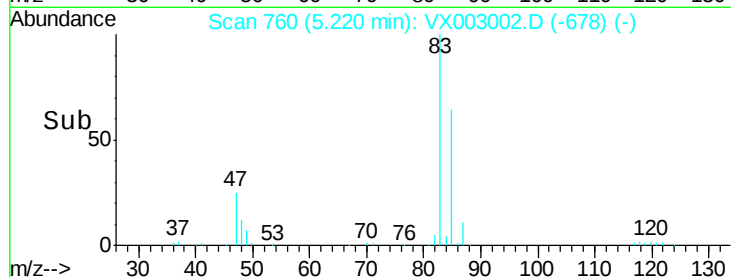
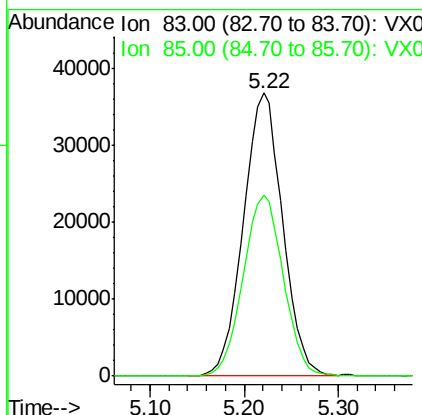
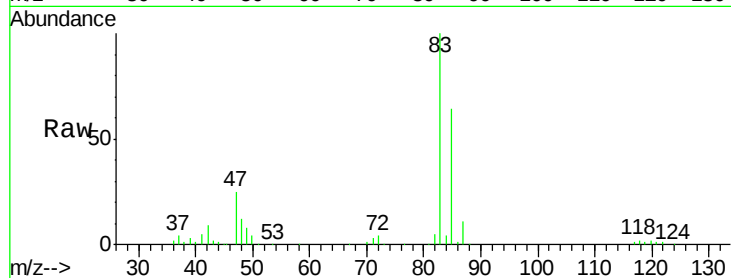




#25
Chloroform
Concen: 20.86 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

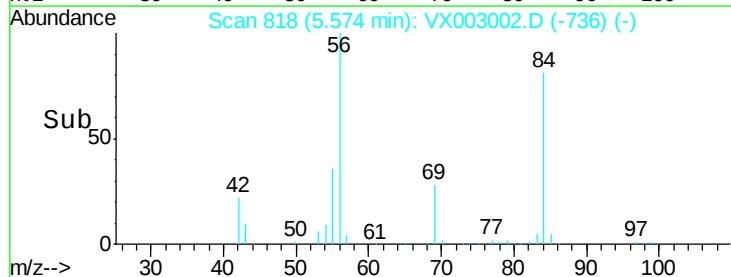
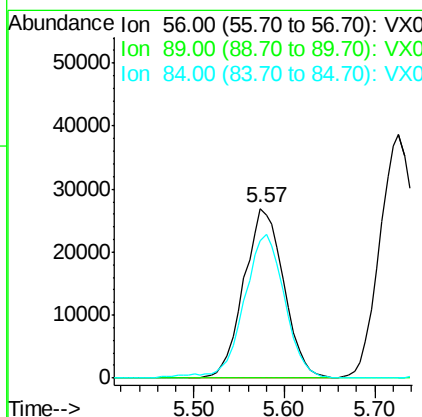
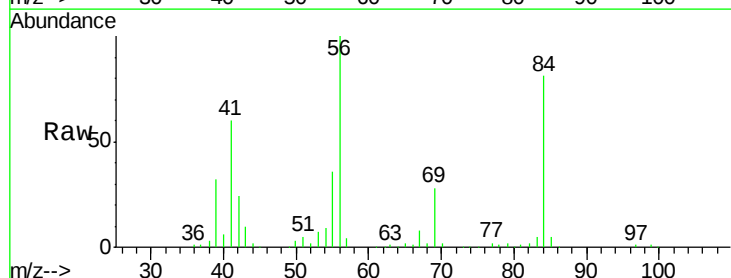
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

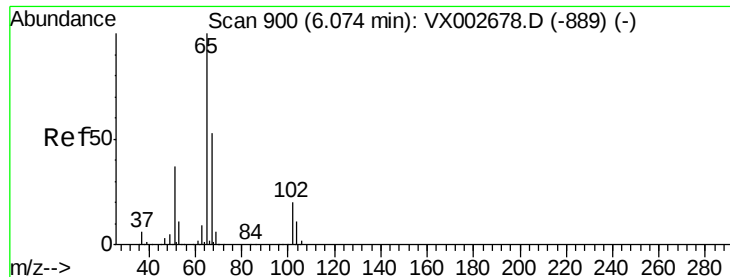
Tot Ion: 83 Resp: 107489
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9



#26
Cyclohexane
Concen: 18.82 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 56 Resp: 82083
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.1 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 30.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

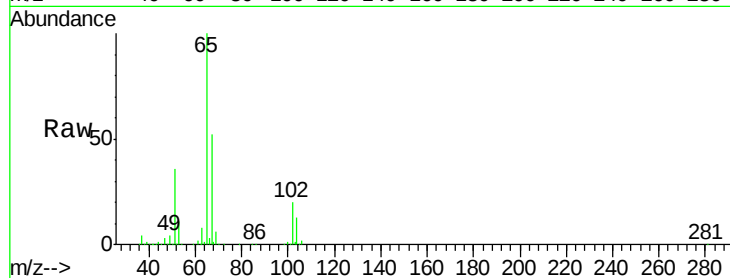
VX0628WBSD02

Tot Ion: 65 Resp: 114592

Ion Ratio Lower Upper

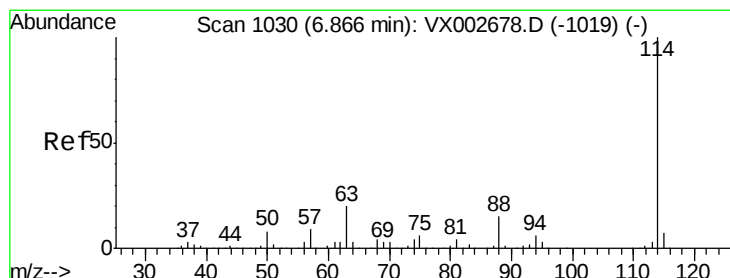
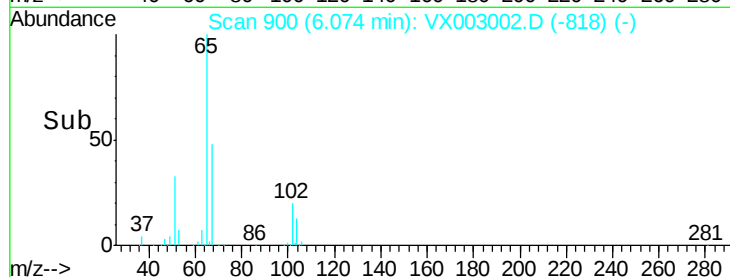
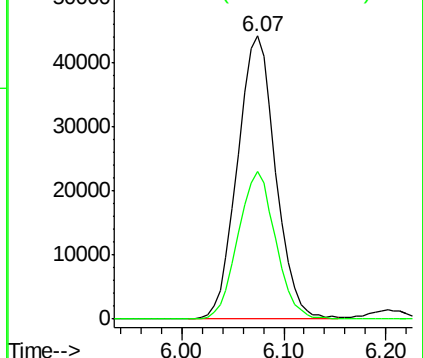
65 100

67 51.4 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

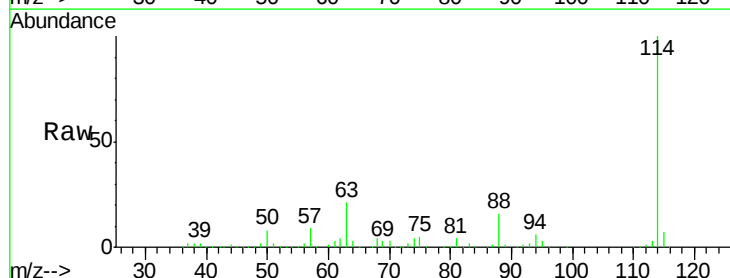
Tgt Ion: 114 Resp: 270826

Ion Ratio Lower Upper

114 100

63 20.4 17.1 25.7

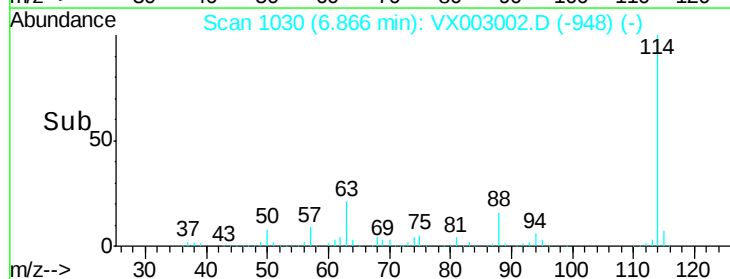
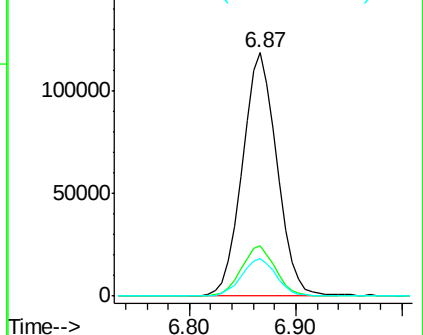
88 15.5 12.6 19.0

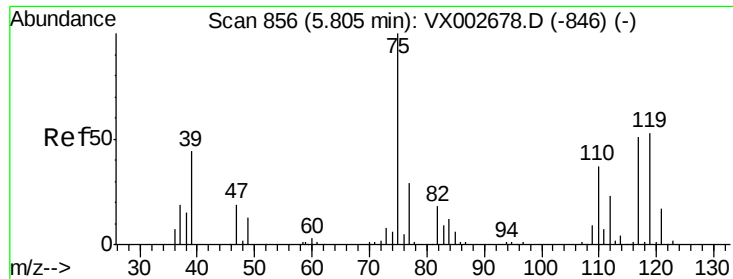


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

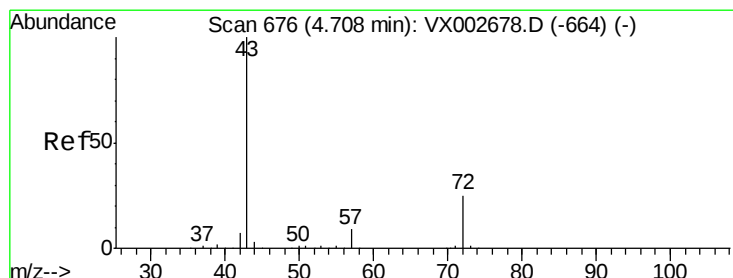
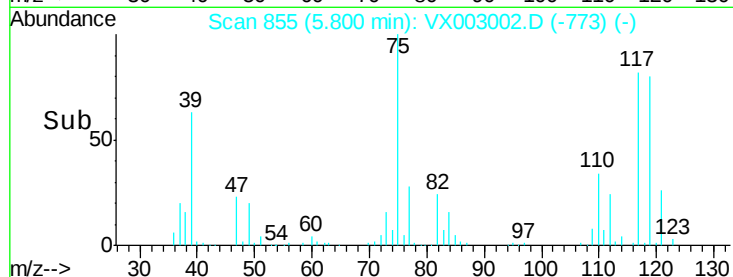
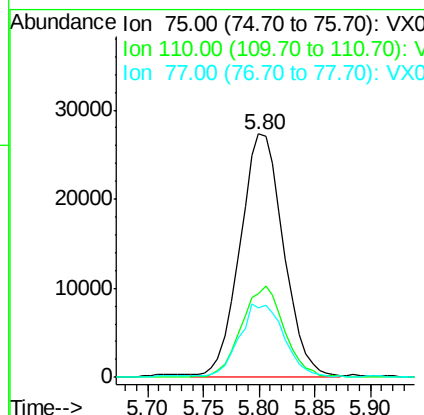
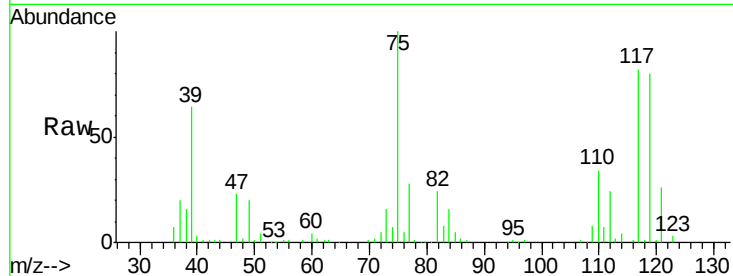




#29
 1,1-Dichloropropene
 Concen: 20.42 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

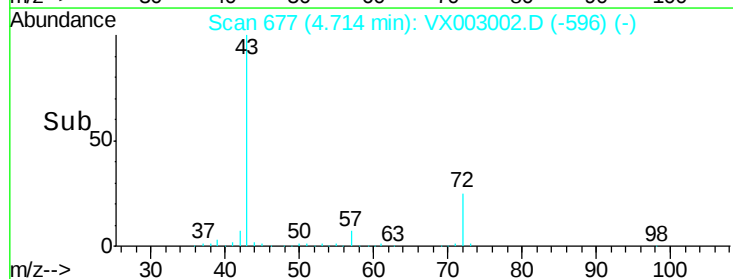
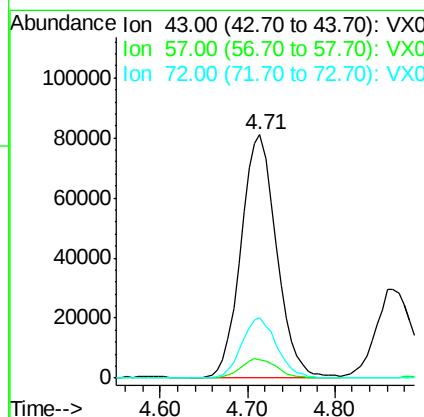
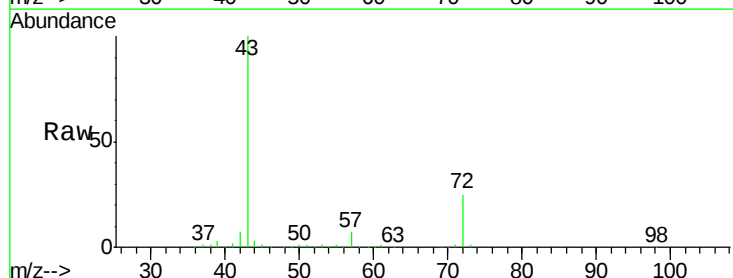
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBSD02

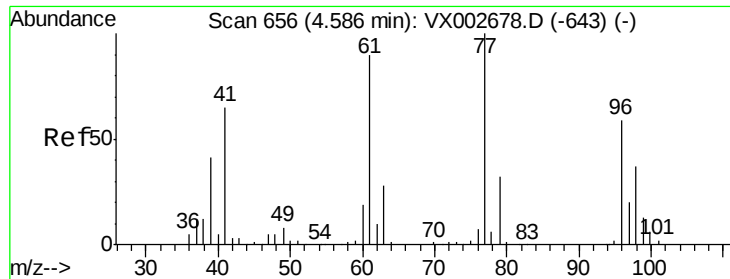
Tot Ion: 75 Resp: 74681
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 71.4
 77 30.8 0.0 60.6



#30
 2-Butanone
 Concen: 108.98 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 43 Resp: 228063
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.1 9.1
 72 24.7 18.1 27.1

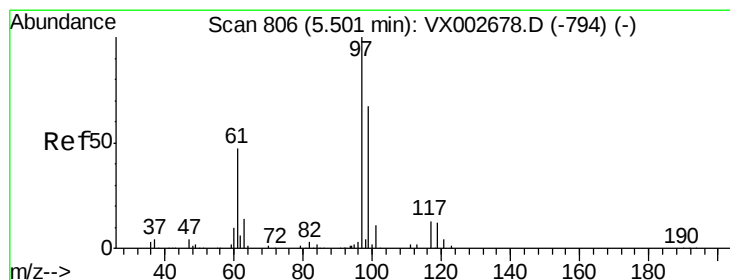
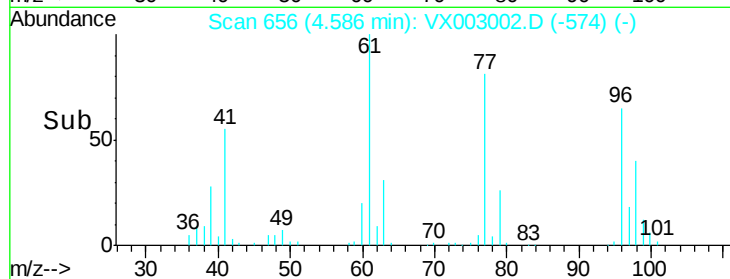
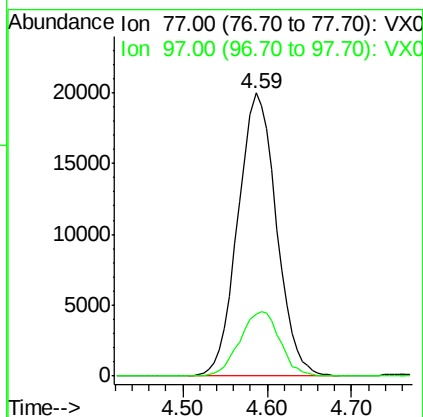
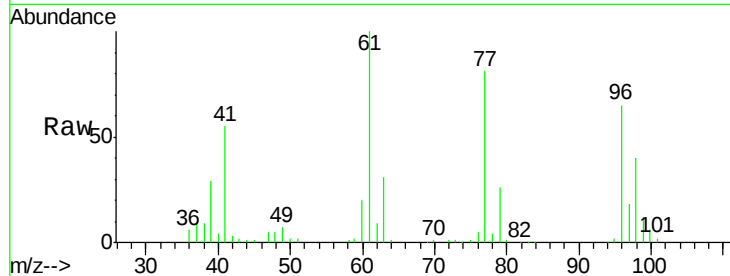




#31
 2,2-Dichloropropane
 Concen: 15.85 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

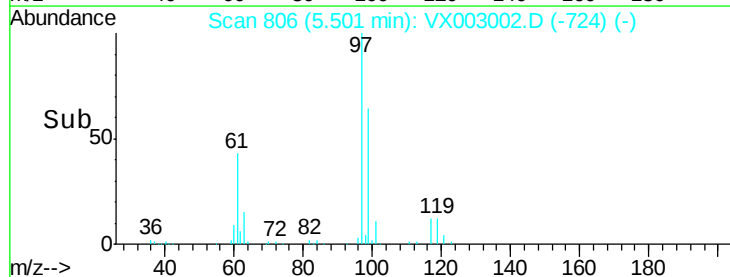
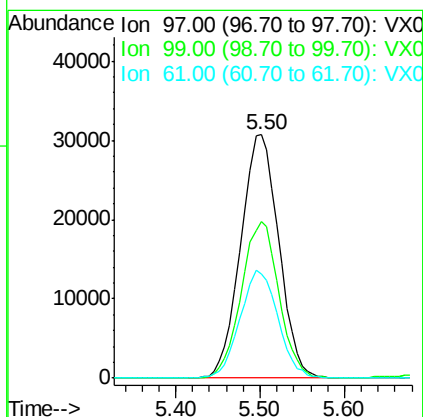
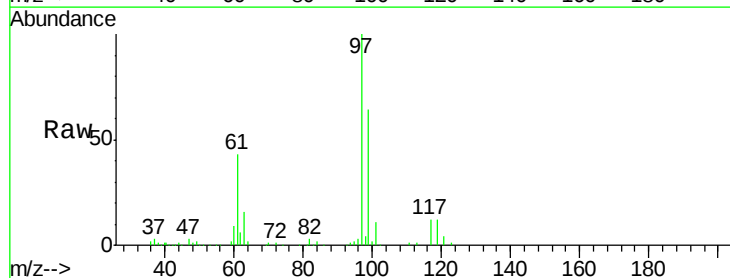
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

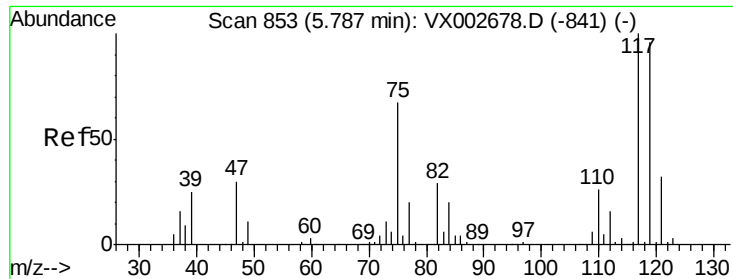
Tot Ion: 77 Resp: 61958
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 21.37 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 97 Resp: 94423
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.7 77.5
 61 43.9 36.4 54.6

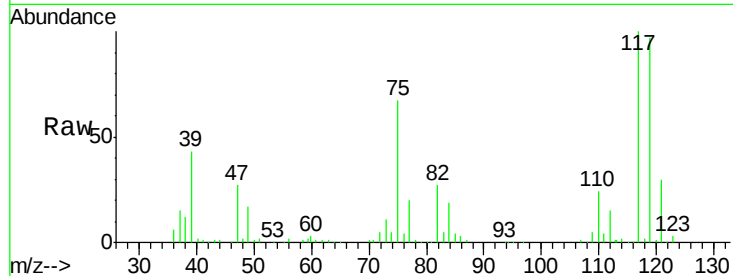




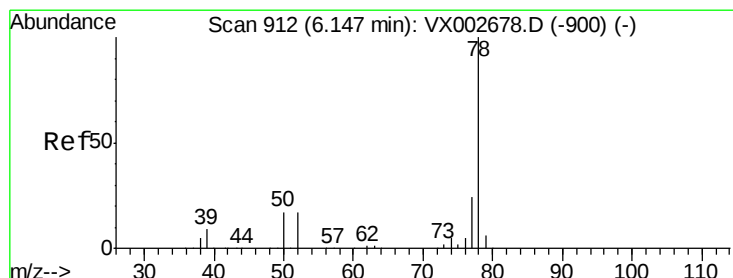
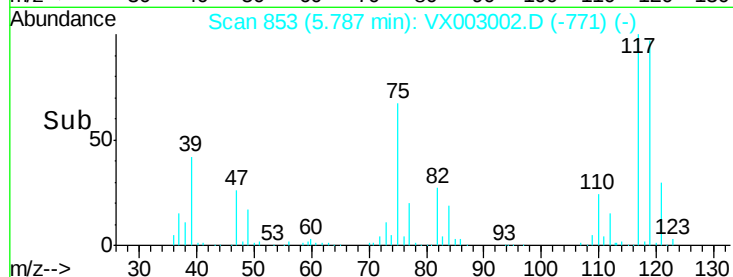
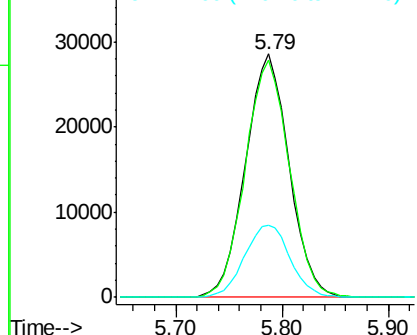
#33
Carbon Tetrachloride
Concen: 20.67 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion:117 Resp: 82075
Ion Ratio Lower Upper
117 100
119 97.3 73.3 109.9
121 29.6 23.6 35.4

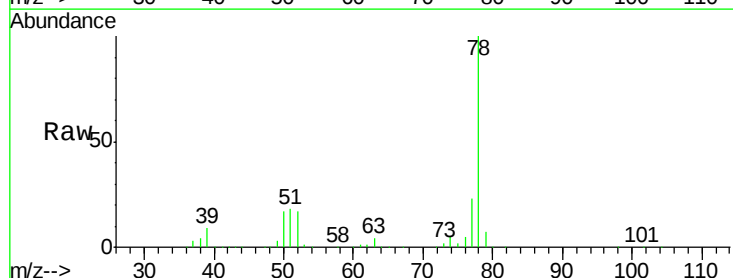


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

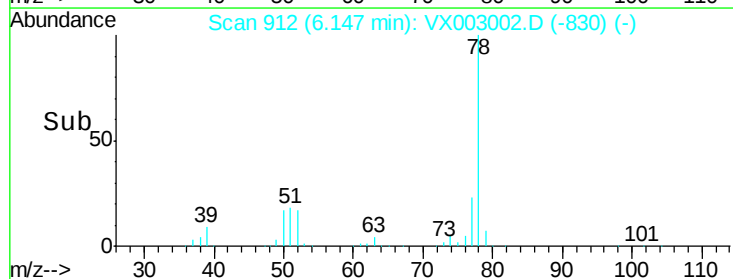
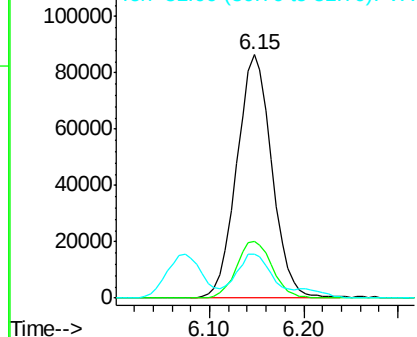


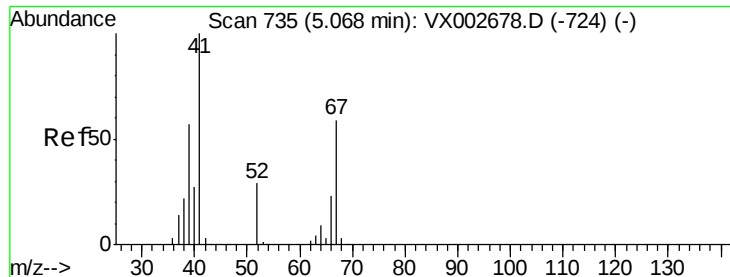
#34
Benzene
Concen: 20.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 78 Resp: 224682
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 17.4 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

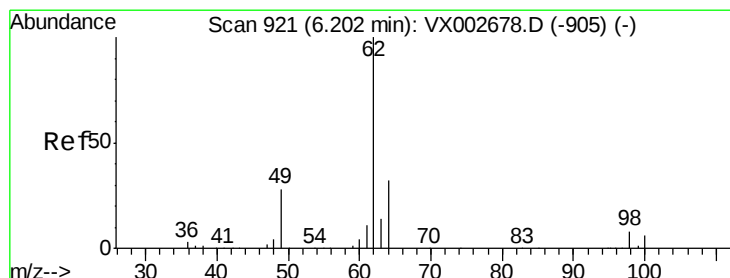
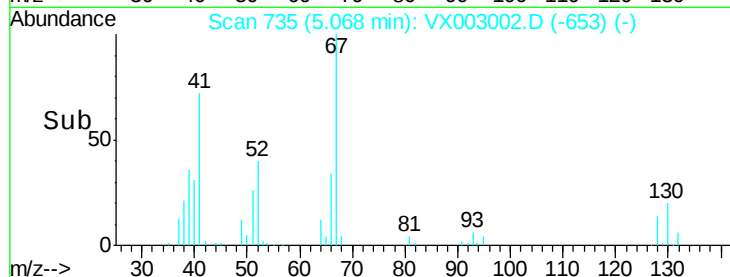
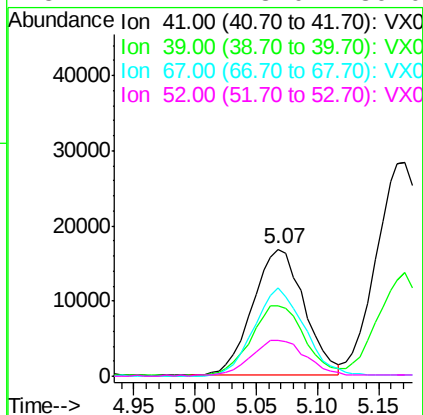
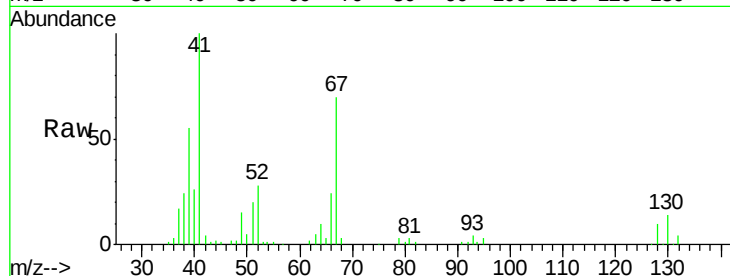




#35
Methacrylonitrile
Concen: 21.77 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

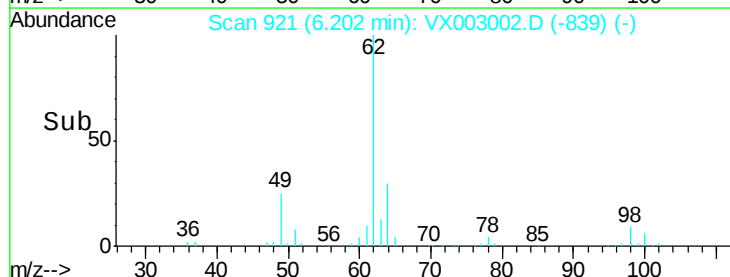
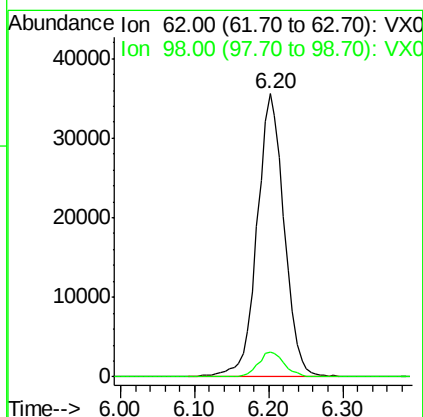
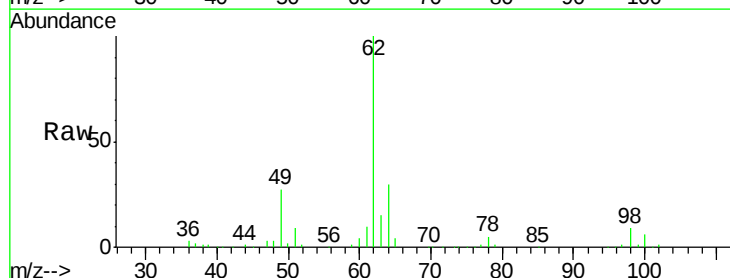
Instrument :
MSVOA_X
ClientSampled :
VX0628WBSD02

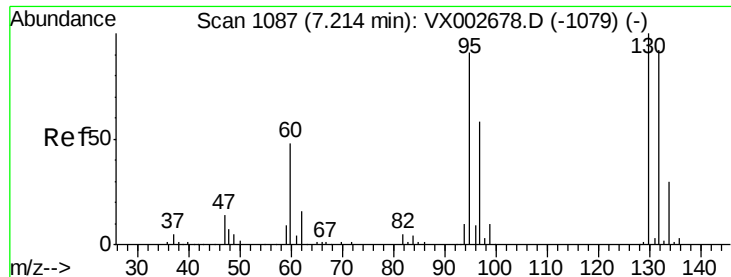
Tot Ion:	41	Resp:	49614
Ion	Ratio	Lower	Upper
41	100		
39	54.7	28.8	86.5
67	70.4	30.4	91.2
52	27.7	13.0	39.0



#36
1,2-Dichloroethane
Concen: 21.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion:	62	Resp:	90255
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7

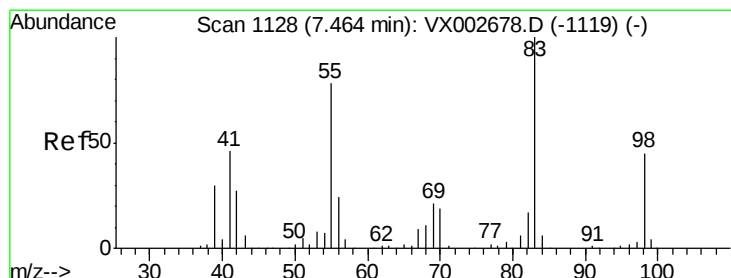
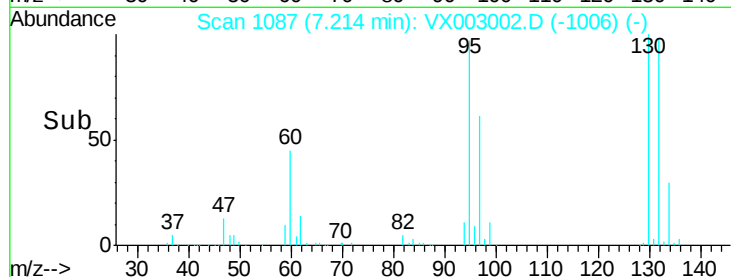
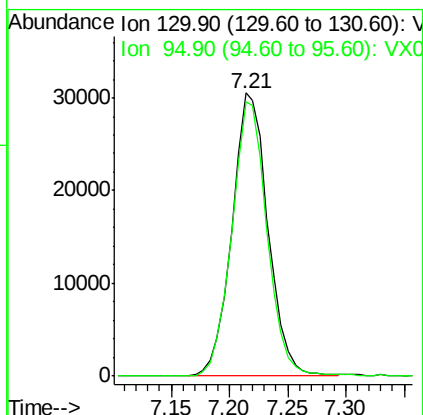
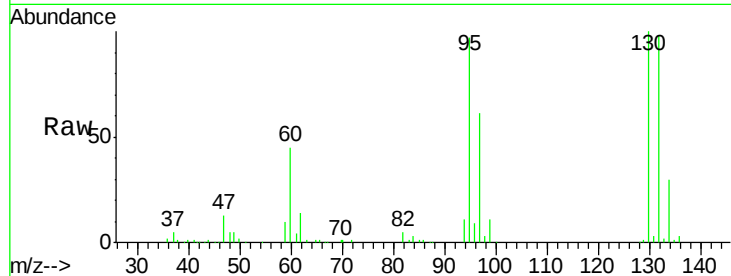




#37
 Trichloroethene
 Concen: 20.71 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

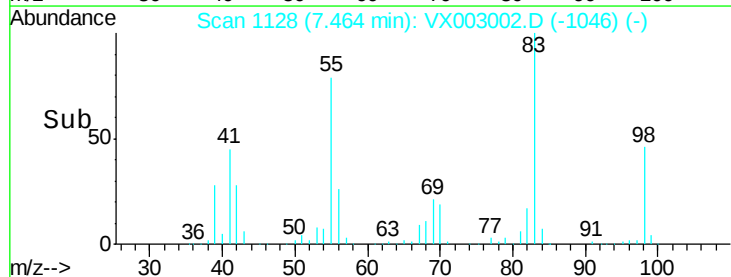
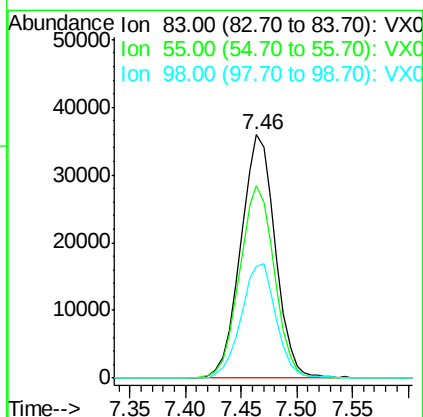
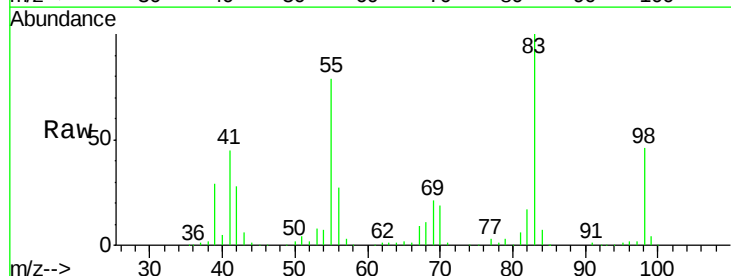
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

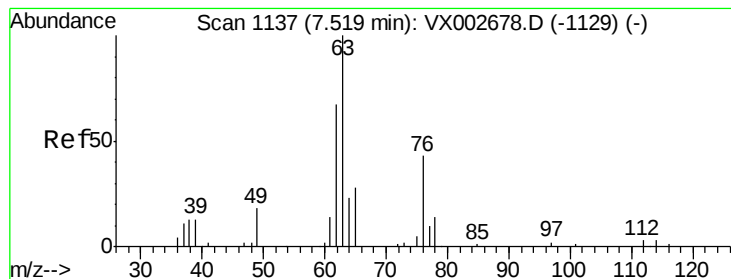
Tot Ion:130 Resp: 65711
 Ion Ratio Lower Upper
 130 100
 95 97.1 81.5 122.3



#38
 Methylcyclohexane
 Concen: 17.41 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 83 Resp: 77485
 Ion Ratio Lower Upper
 83 100
 55 79.6 40.6 121.8
 98 47.2 23.5 70.5





#39

1,2-Dichloropropane

Concen: 20.85 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

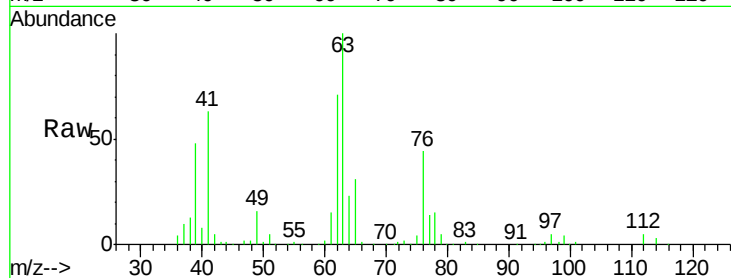
VX0628WBSD02

Tot Ion: 63 Resp: 58910

Ion Ratio Lower Upper

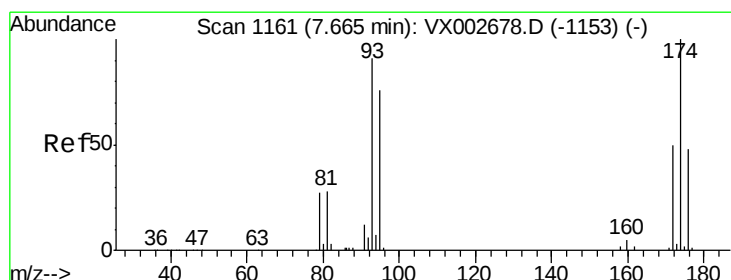
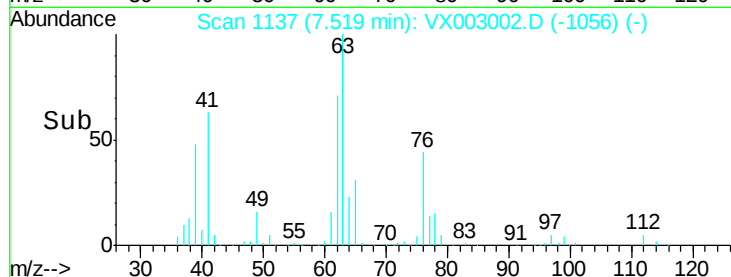
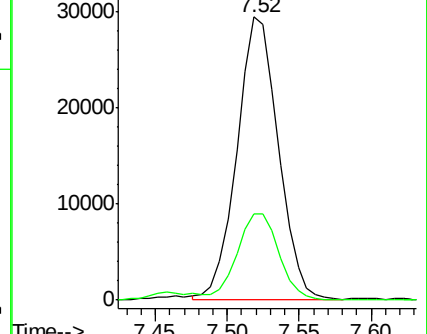
63 100

65 30.8 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.92 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

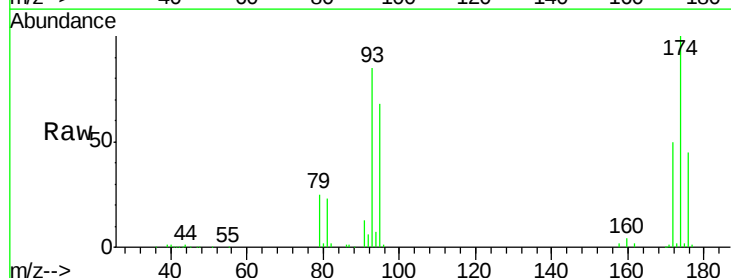
Tgt Ion: 93 Resp: 41067

Ion Ratio Lower Upper

93 100

95 82.2 0.0 162.6

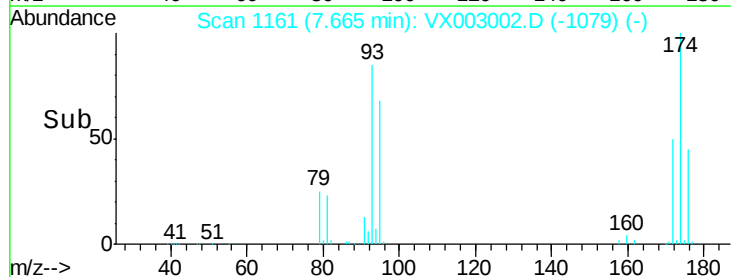
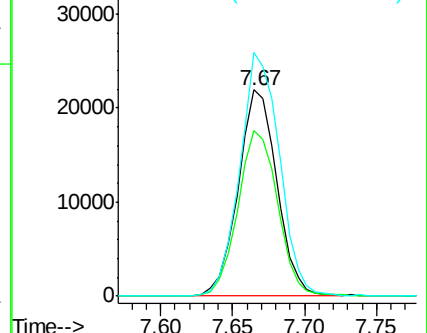
174 120.2 0.0 229.4

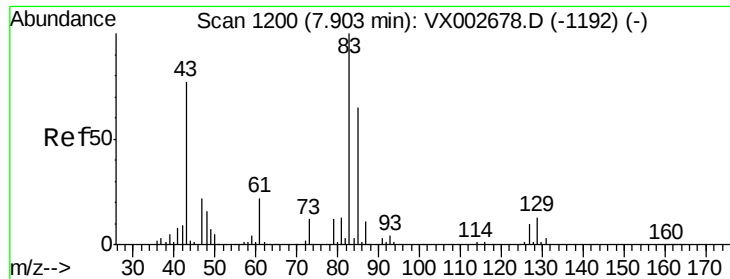


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 20.82 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

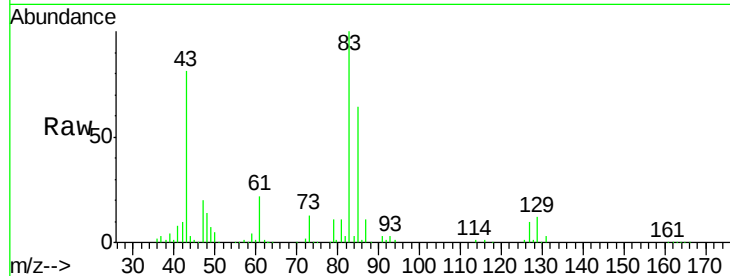
Tot Ion: 83 Resp: 76758

Ion Ratio Lower Upper

83 100

85 63.9 49.8 74.8

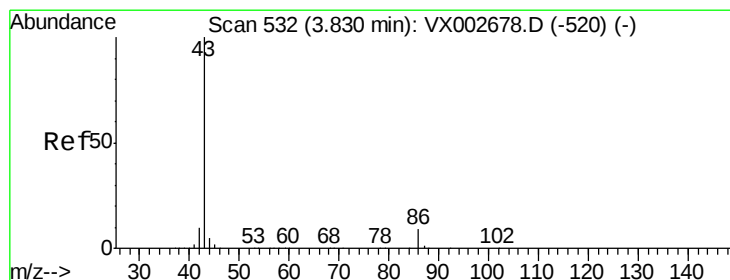
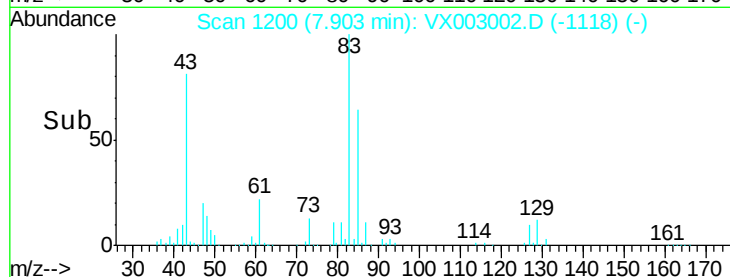
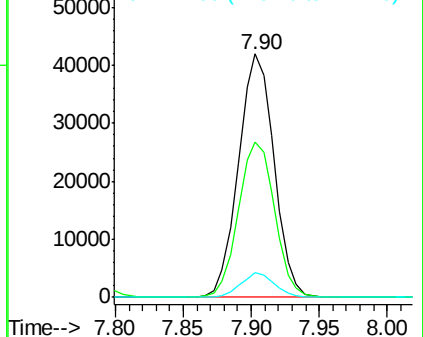
127 10.3 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.15 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003002.D

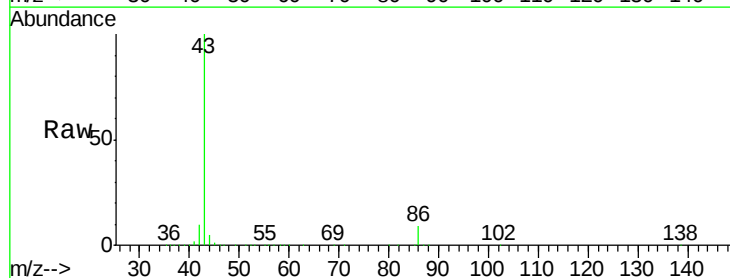
Acq: 28 Jun 2018 22:45

Tgt Ion: 43 Resp: 786978

Ion Ratio Lower Upper

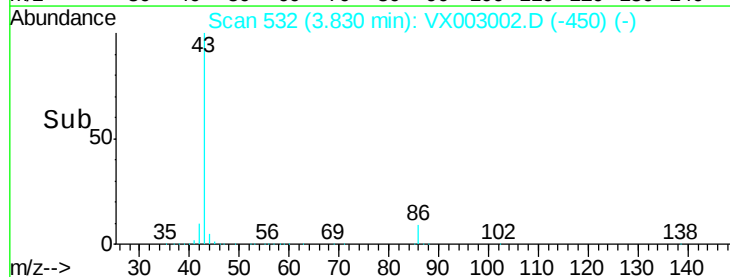
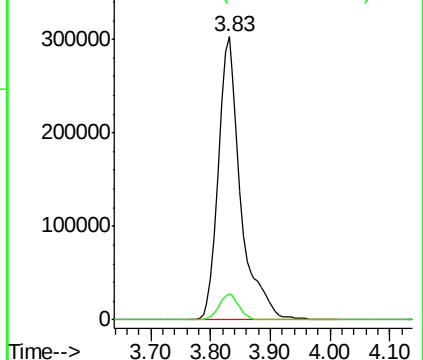
43 100

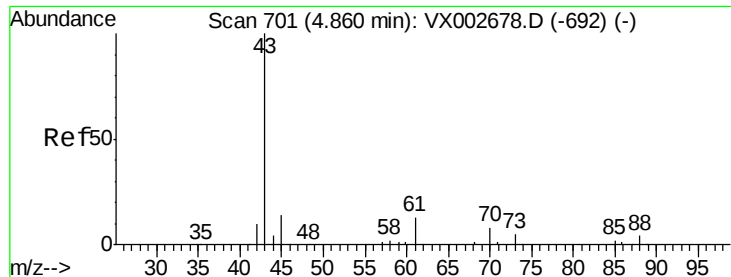
86 8.3 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

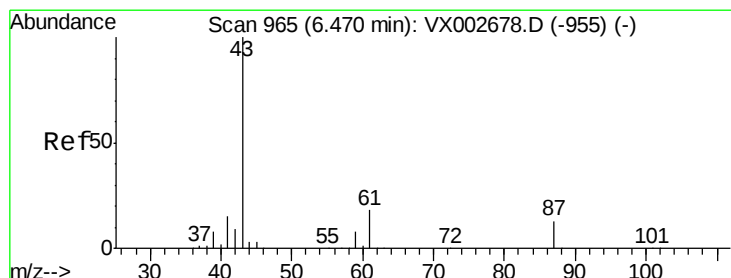
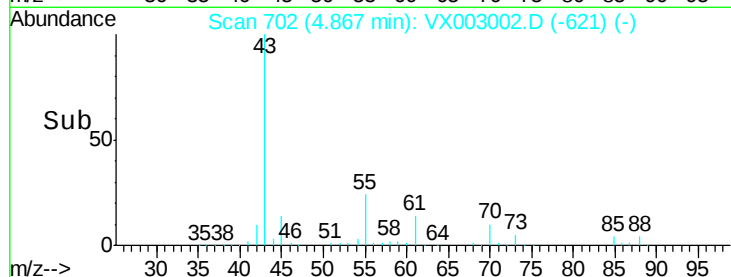
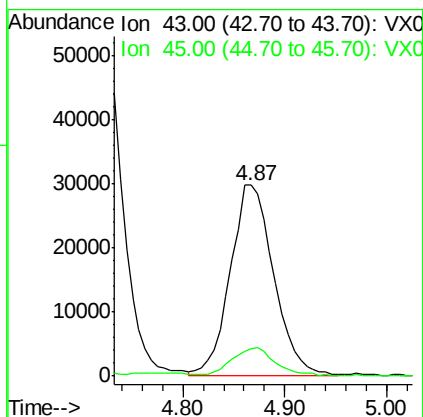
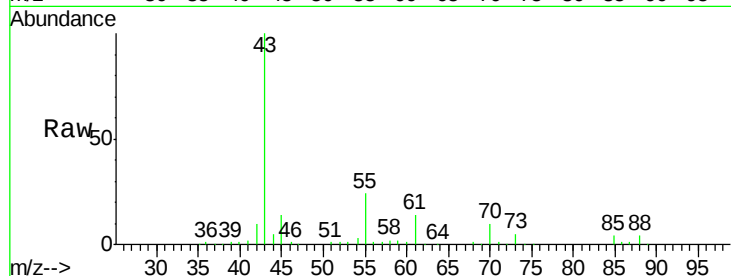




#43
Ethyl Acetate
Concen: 22.00 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

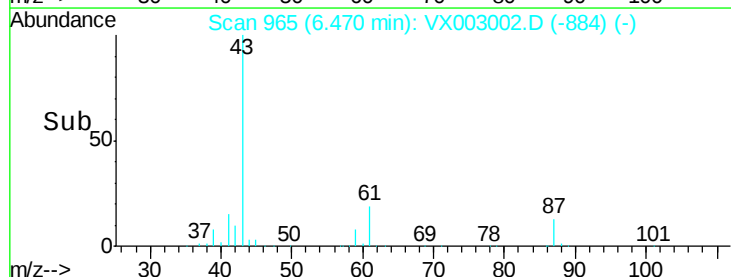
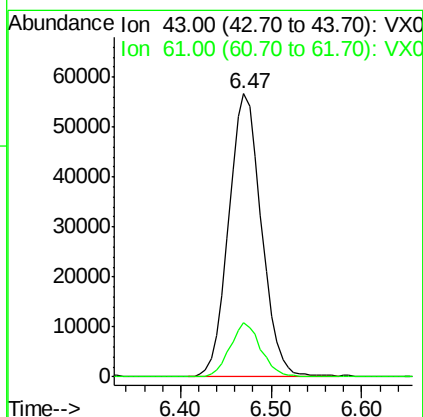
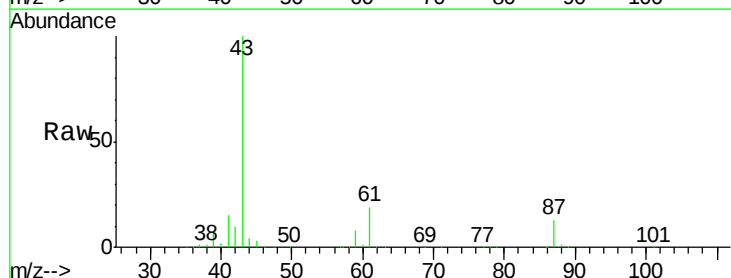
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

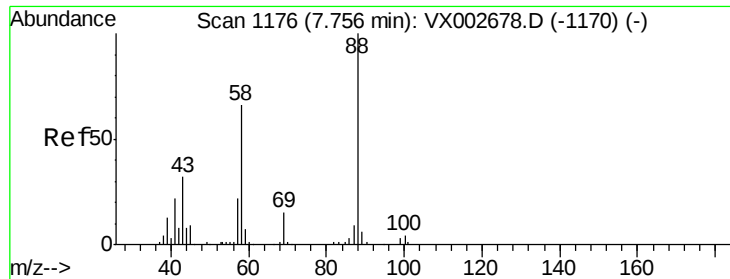
Tot Ion: 43 Resp: 88045
Ion Ratio Lower Upper
43 100
45 13.8 11.0 16.4



#44
Isopropyl Acetate
Concen: 21.14 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 43 Resp: 141806
Ion Ratio Lower Upper
43 100
61 18.0 14.5 21.7

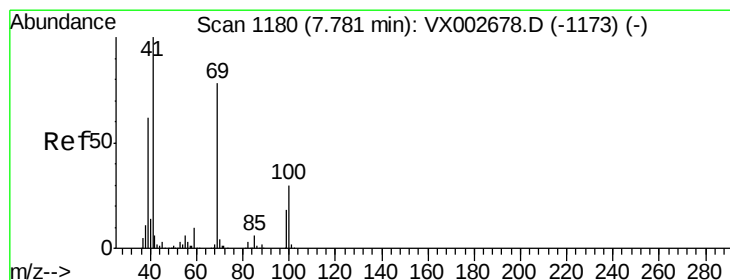
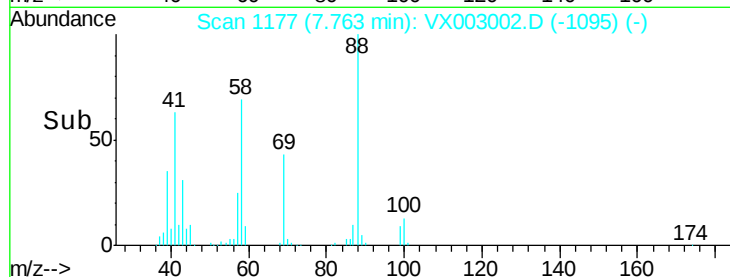
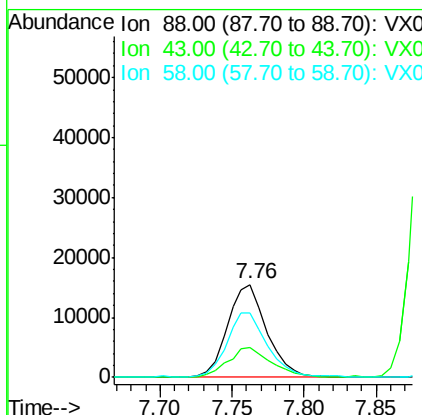
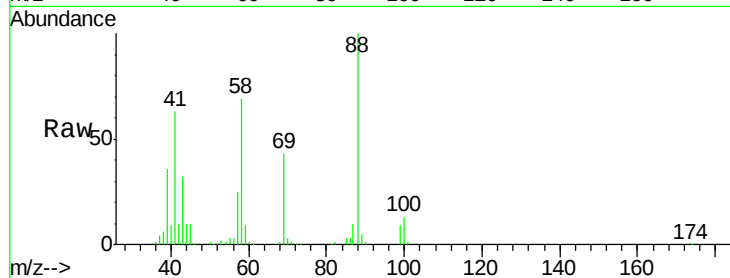




#45
 1,4-Dioxane
 Concen: 446.47 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

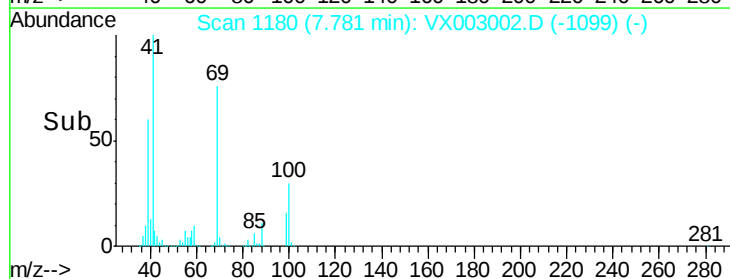
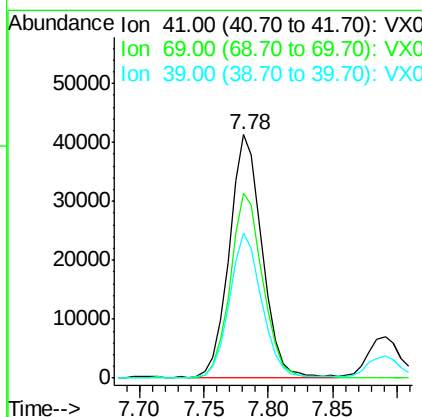
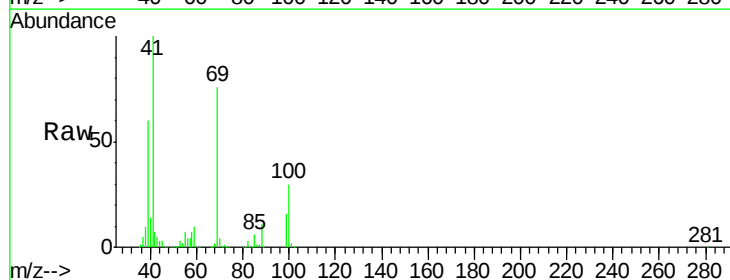
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

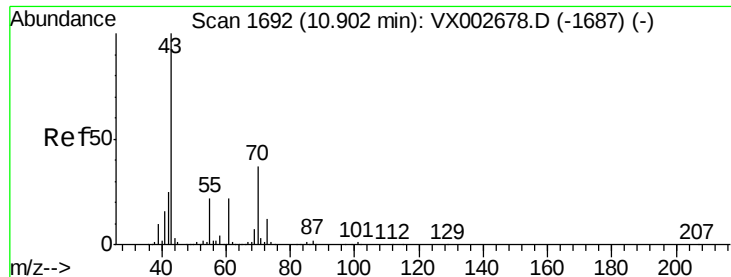
Tot Ion: 88 Resp: 29333
 Ion Ratio Lower Upper
 88 100
 43 33.3 43.2 64.8#
 58 71.2 60.2 90.2



#46
 Methyl methacrylate
 Concen: 21.20 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 41 Resp: 72638
 Ion Ratio Lower Upper
 41 100
 69 76.3 37.0 110.9
 39 59.5 29.6 88.9





#47

n-amvl Acetate

Concen: 19.19 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

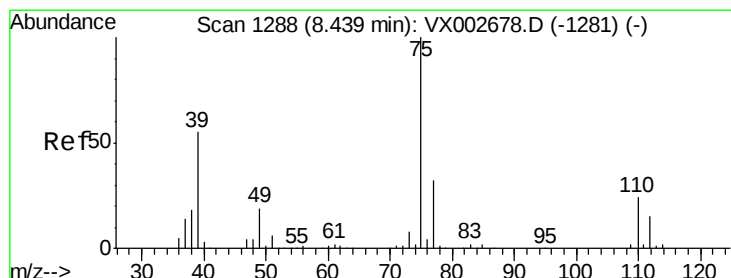
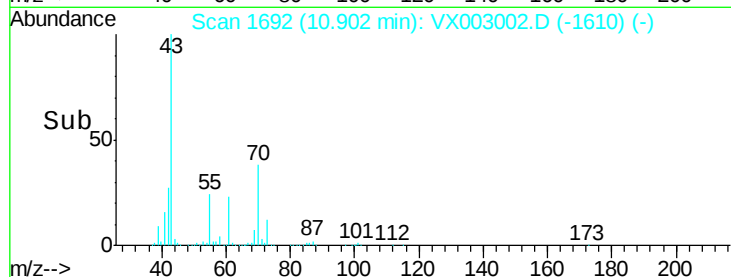
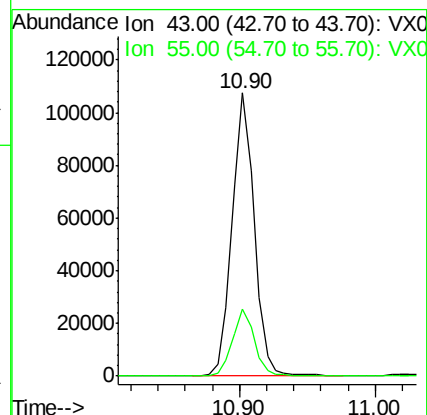
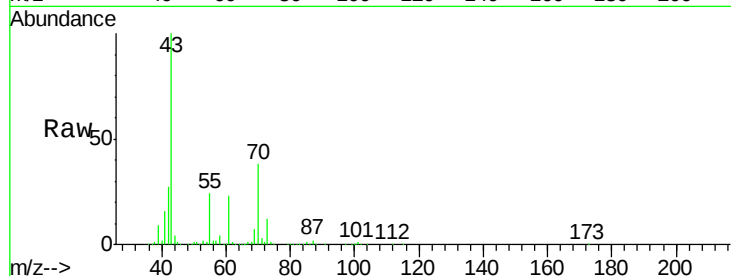
VX0628WBSD02

Tot Ion: 43 Resp: 121446

Ion Ratio Lower Upper

43 100

55 24.0 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 19.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003002.D

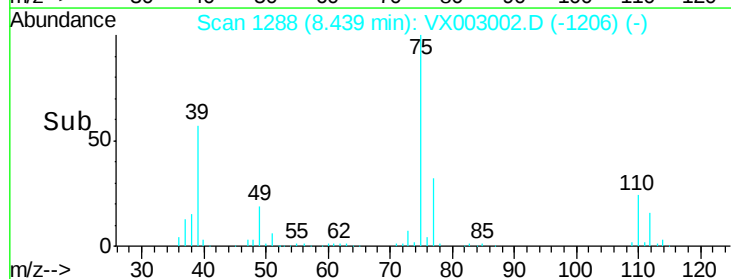
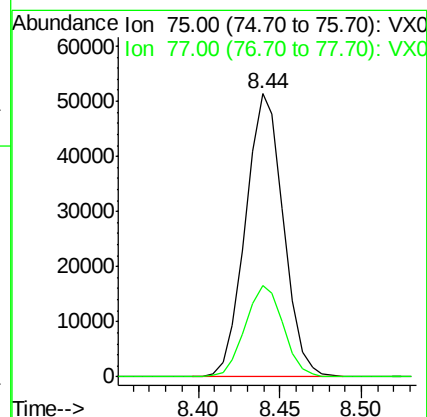
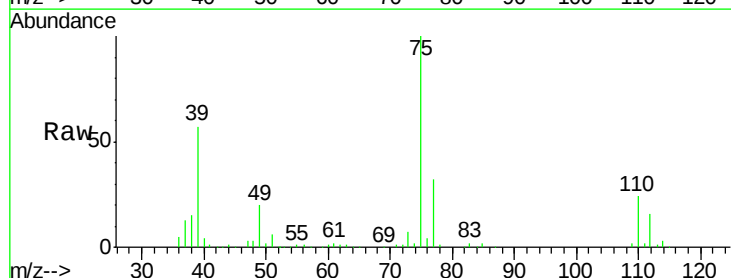
Acq: 28 Jun 2018 22:45

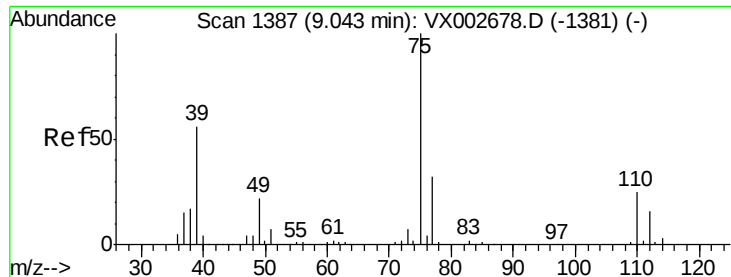
Tgt Ion: 75 Resp: 83063

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



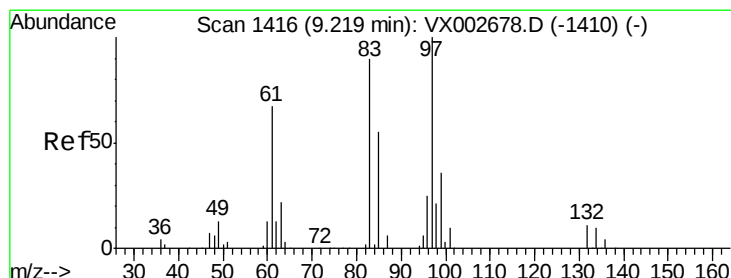
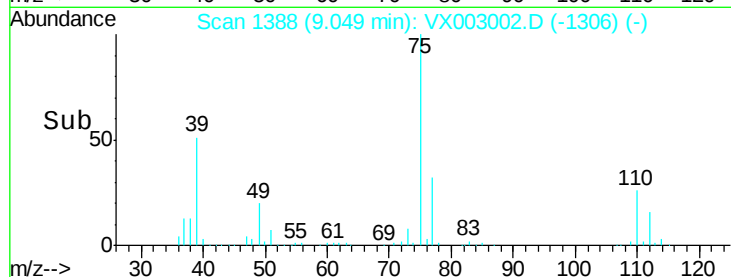
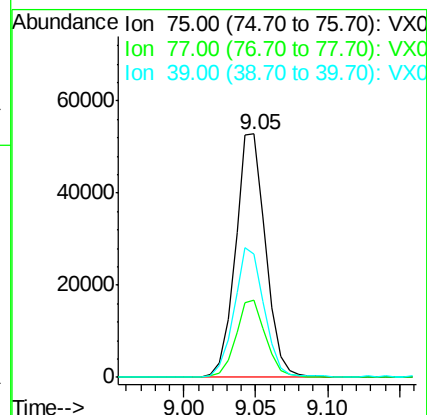
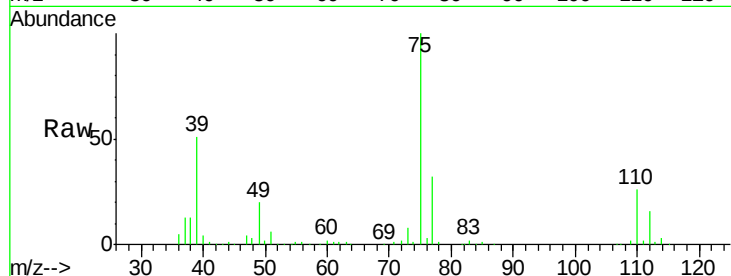


#49

cis-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

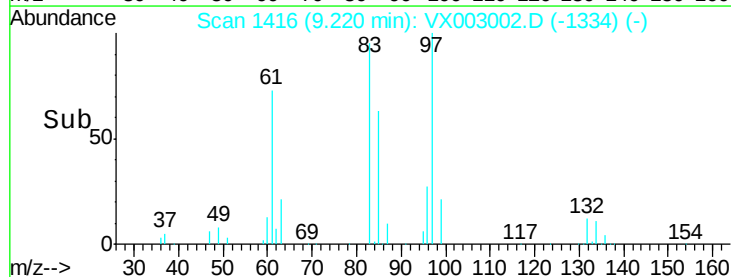
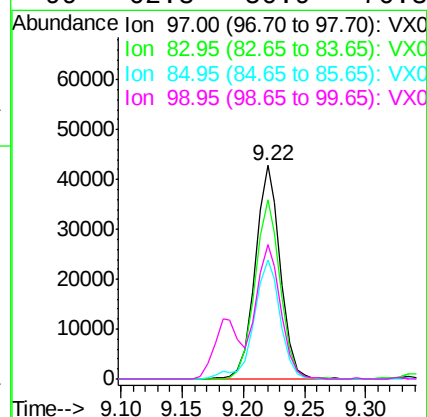
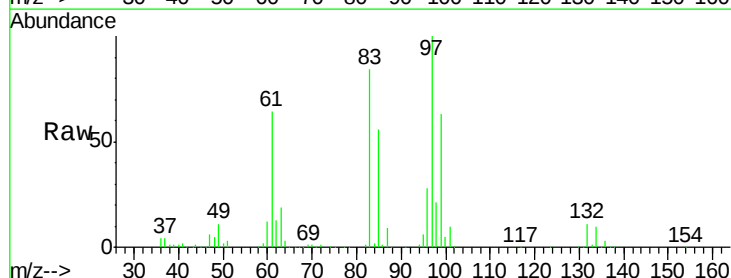
Tot Ion: 75 Resp: 77166
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 50.6 42.3 63.5

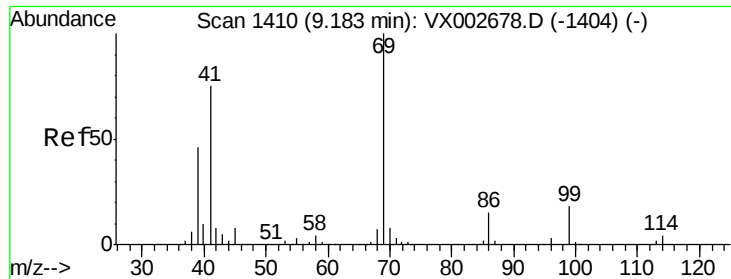


#50

1,1,2-Trichloroethane
Concen: 21.15 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 97 Resp: 61236
Ion Ratio Lower Upper
97 100
83 84.0 70.8 106.2
85 55.6 43.5 65.3
99 62.8 50.9 76.3





#51

Ethyl methacrylate

Concen: 20.69 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

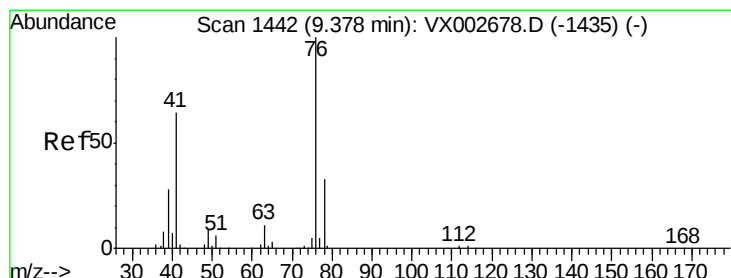
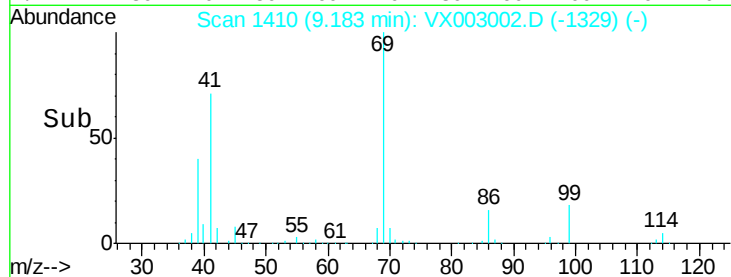
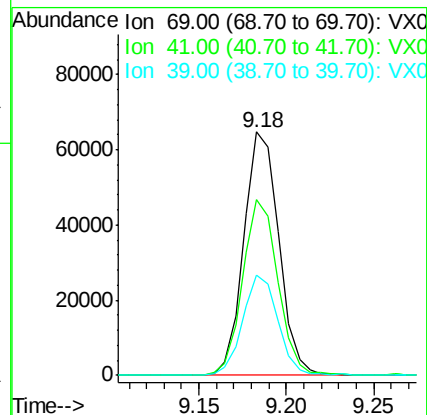
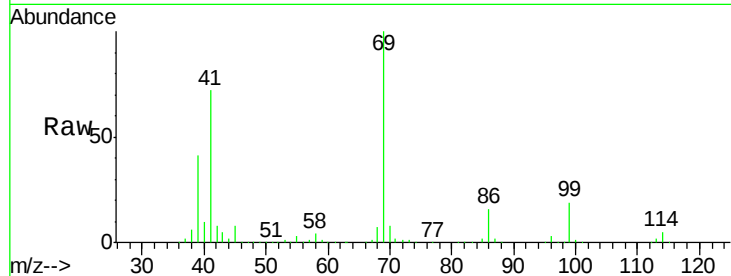
Tot Ion: 69 Resp: 90415

Ion Ratio Lower Upper

69 100

41 72.1 39.1 117.3

39 40.9 21.7 65.1



#52

1,3-Dichloropropane

Concen: 21.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003002.D

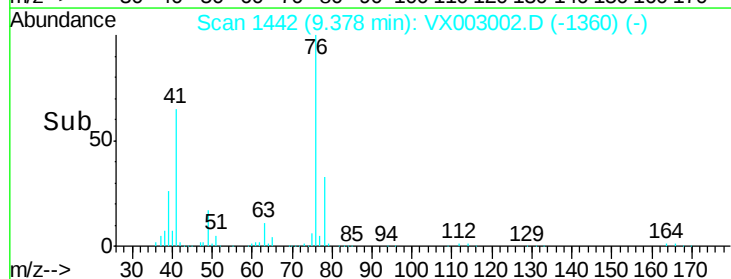
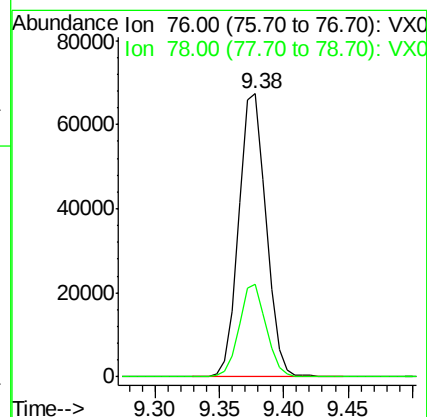
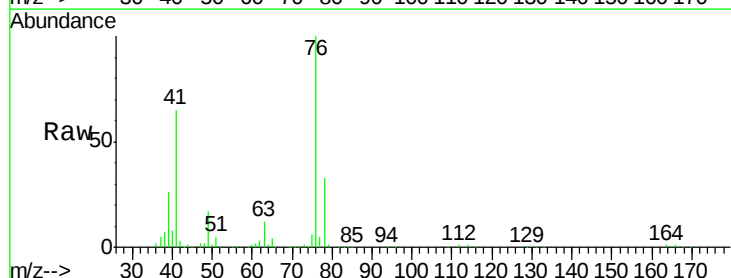
Acq: 28 Jun 2018 22:45

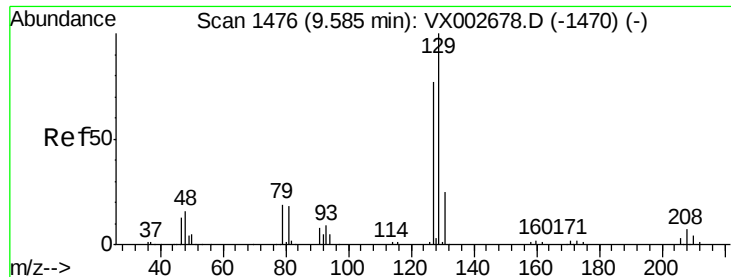
Tgt Ion: 76 Resp: 99728

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.4





#53

Dibromochloromethane

Concen: 20.53 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

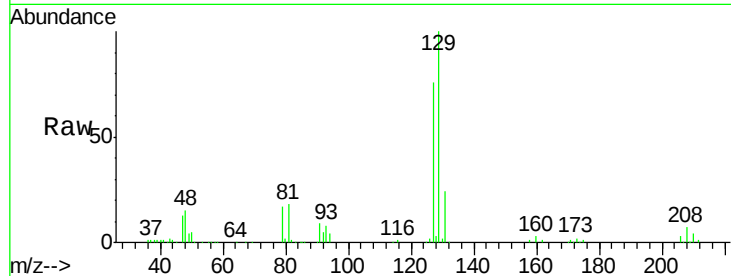
VX0628WBSD02

Tot Ion:129 Resp: 63093

Ion Ratio Lower Upper

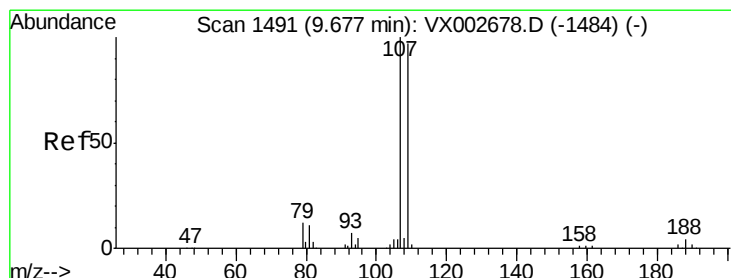
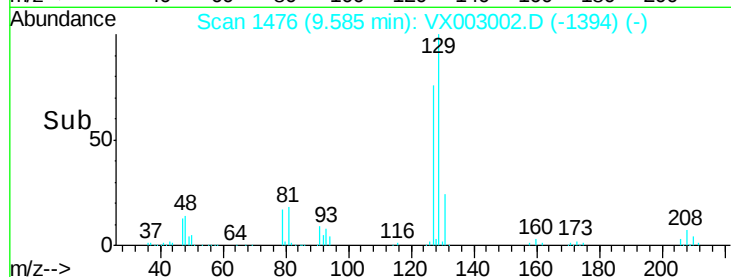
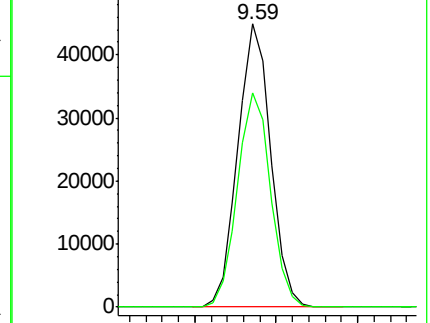
129 100

127 76.5 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003002.D

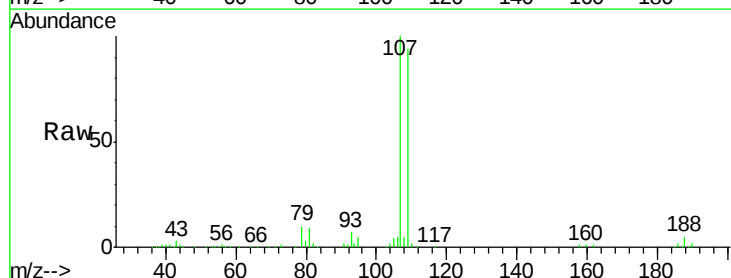
Acq: 28 Jun 2018 22:45

Tgt Ion:107 Resp: 63069

Ion Ratio Lower Upper

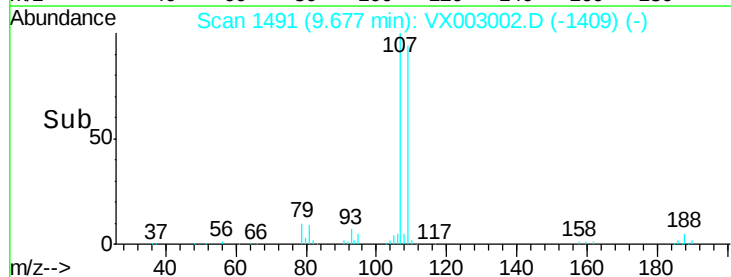
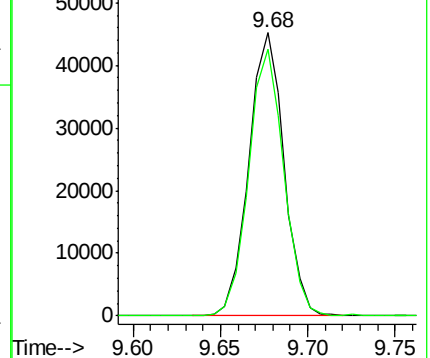
107 100

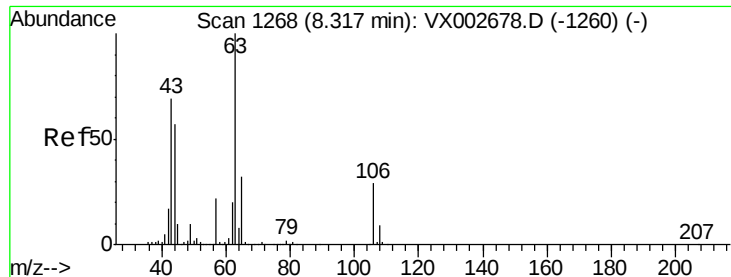
109 93.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

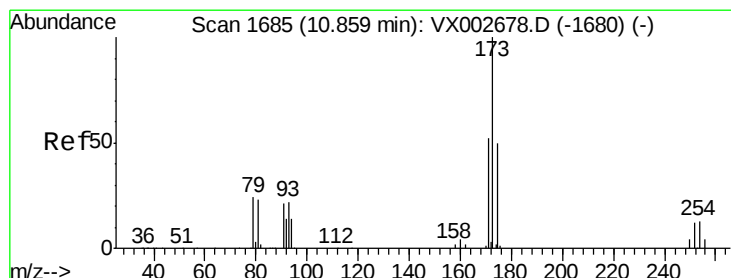
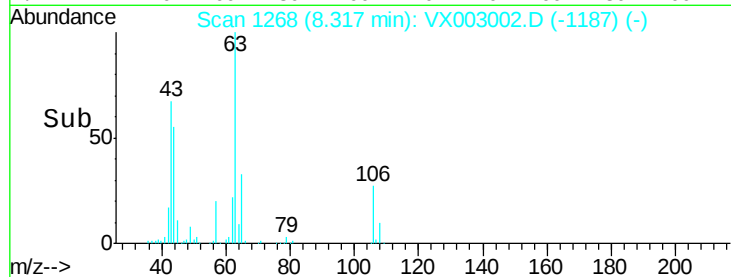
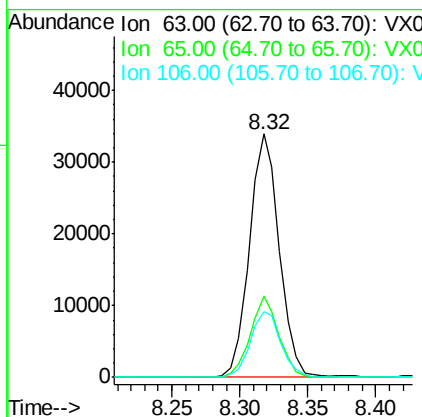
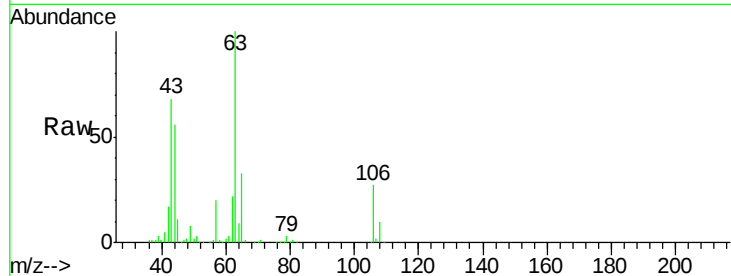




#55
2-Chloroethyl vinyl ether
Concen: 25.19 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

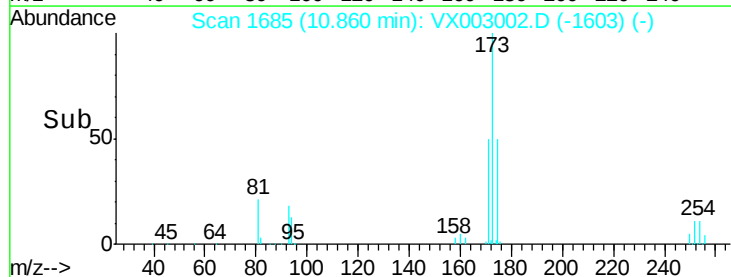
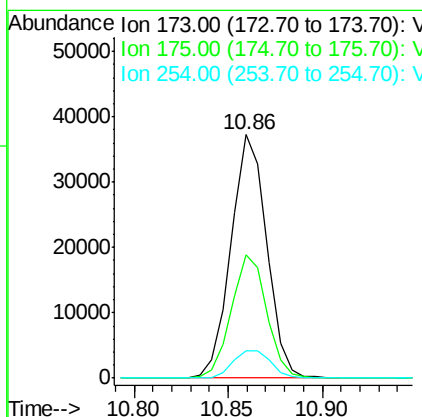
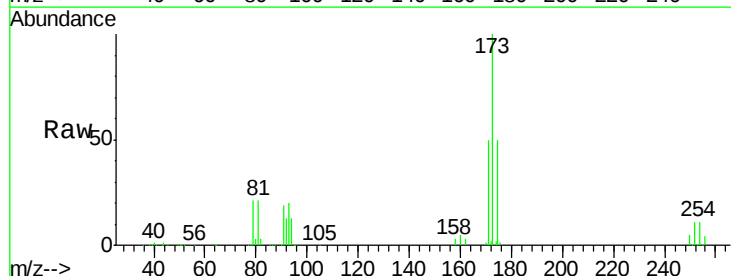
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

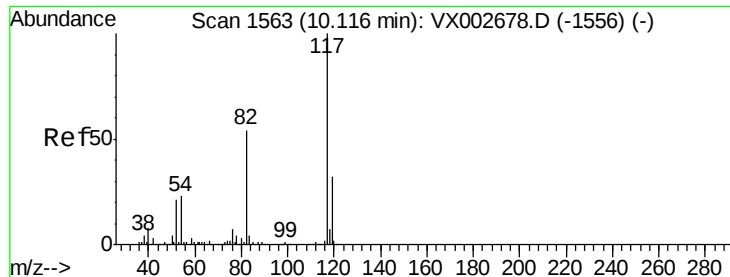
Tot Ion: 63 Resp: 52299
Ion Ratio Lower Upper
63 100
65 31.6 25.6 38.4
106 27.6 21.6 32.4



#56
Bromoform
Concen: 19.97 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 173 Resp: 49012
Ion Ratio Lower Upper
173 100
175 50.0 39.0 58.4
254 12.0 9.6 14.4

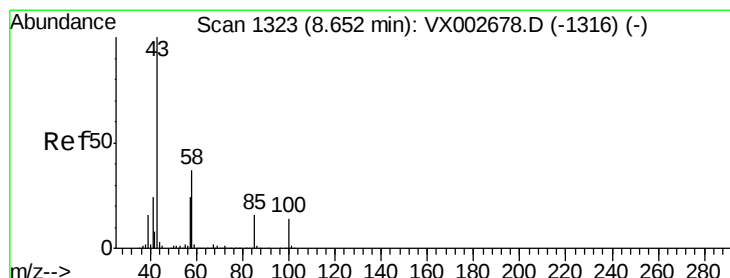
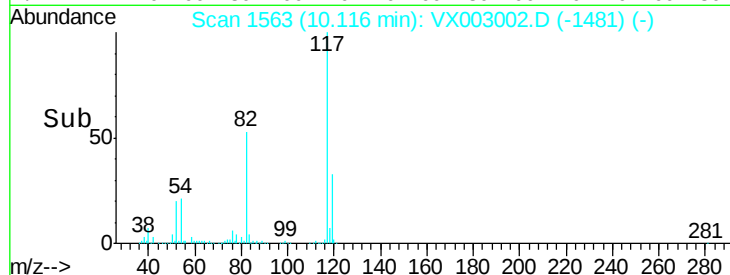
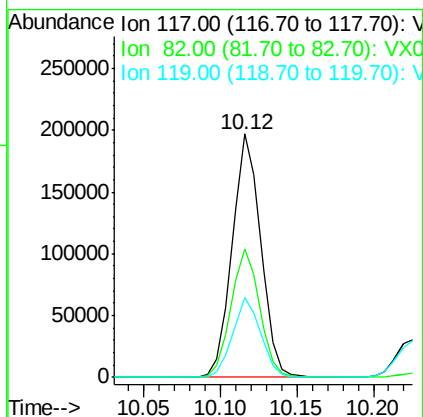
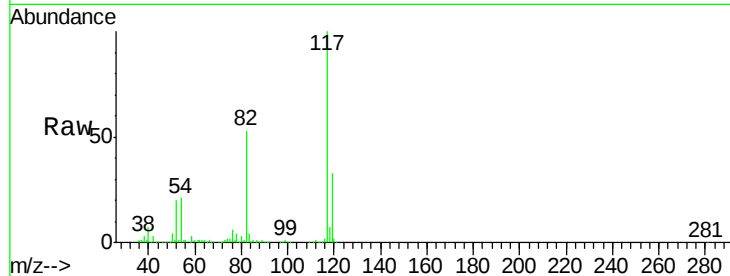




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

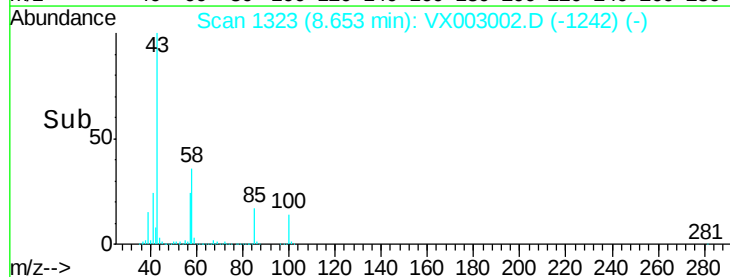
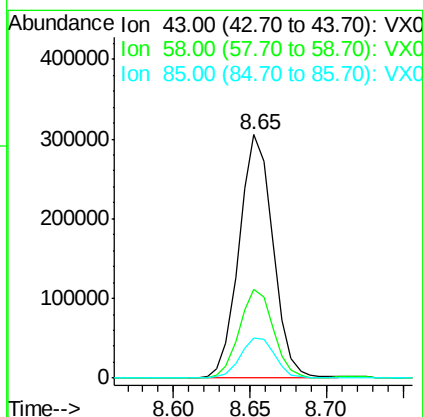
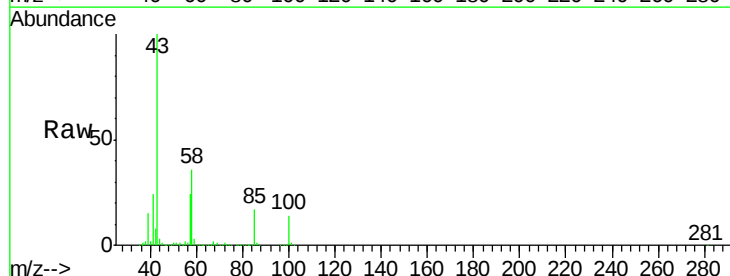
Instrument :
MSVOA_X
ClientSampled :
VX0628WBSD02

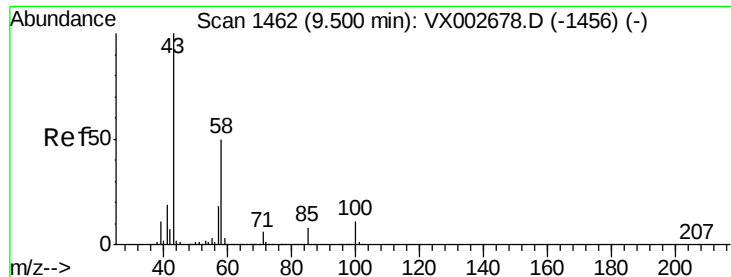
Tot Ion:117 Resp: 254614
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 108.58 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 43 Resp: 469366
Ion Ratio Lower Upper
43 100
58 36.5 28.2 42.4
85 17.1 12.4 18.6

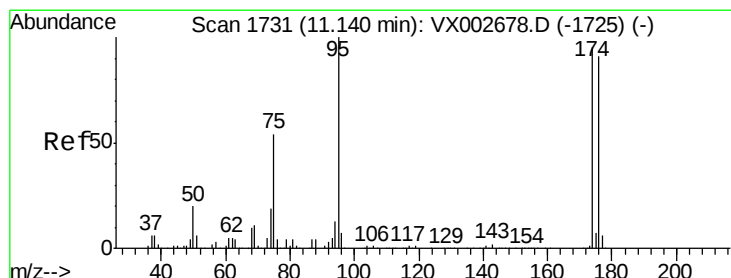
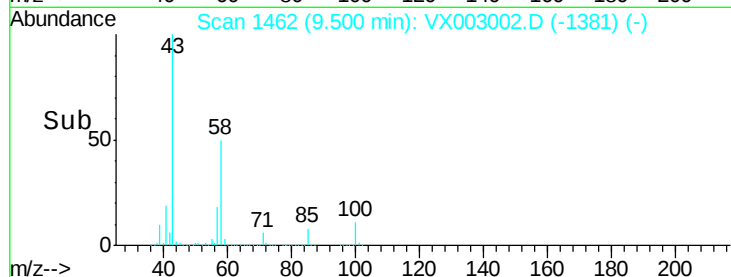
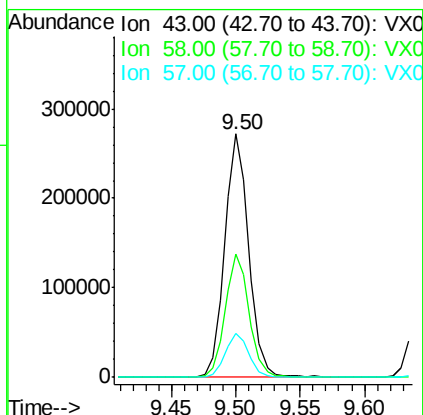
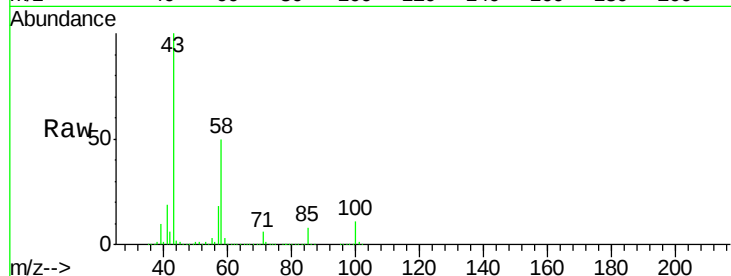




#59
2-Hexanone
Concen: 107.90 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

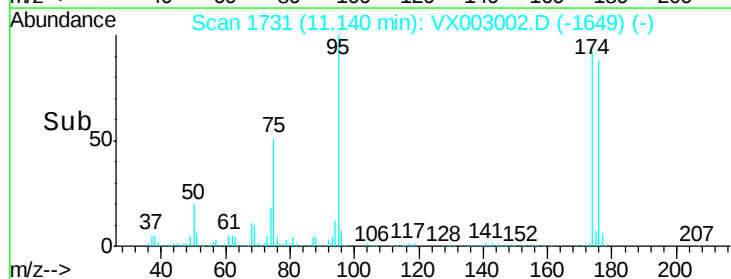
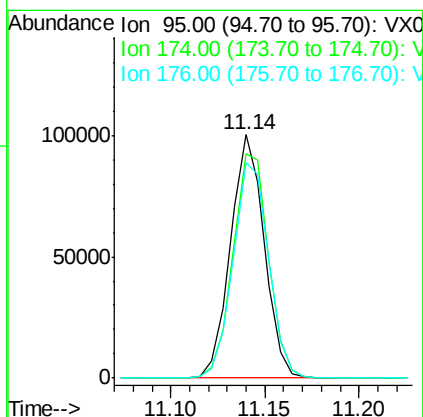
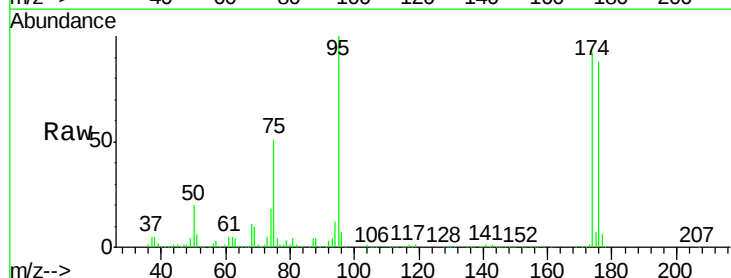
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

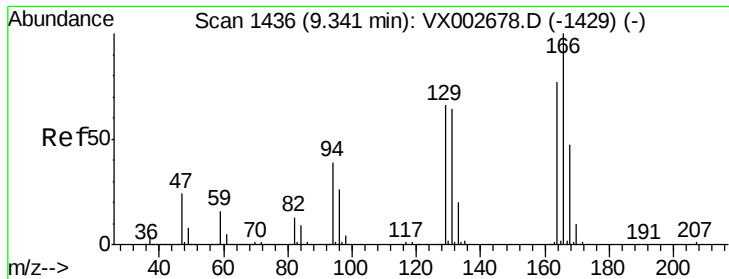
Tot Ion: 43 Resp: 356558
Ion Ratio Lower Upper
43 100
58 50.3 39.6 59.4
57 17.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.48 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 95 Resp: 123989
Ion Ratio Lower Upper
95 100
174 97.6 71.8 107.6
176 93.5 70.1 105.1





#61

Tetrachloroethene

Concen: 21.40 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

Tot Ion:164 Resp: 74788

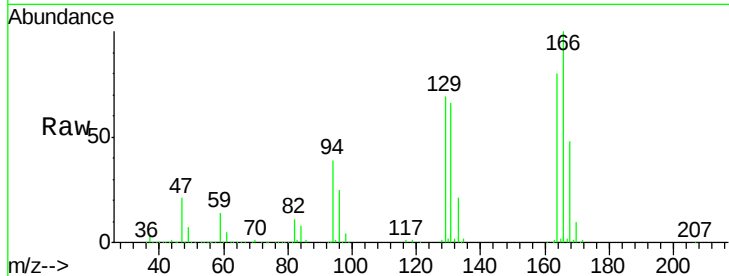
Ion Ratio Lower Upper

164 100

166 124.2 102.4 153.6

129 85.5 70.1 105.1

131 81.6 69.1 103.7

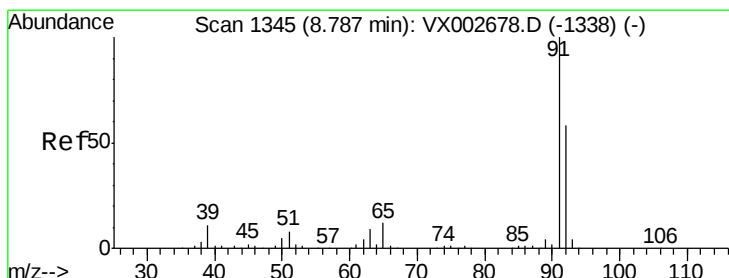
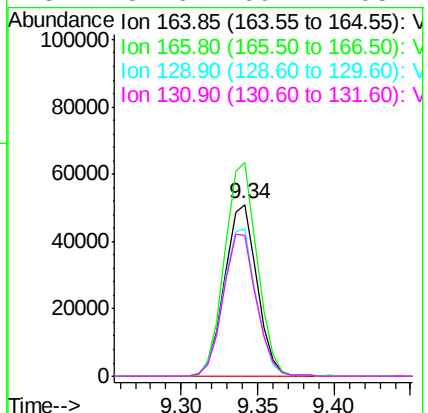
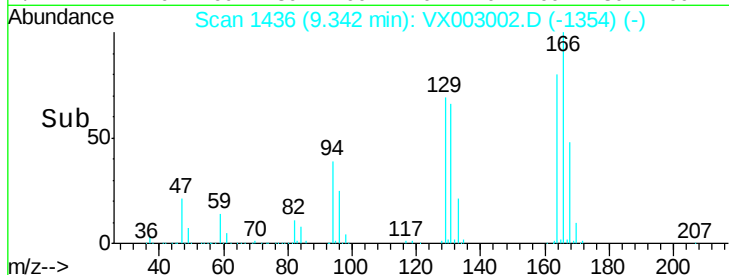


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.65 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX003002.D

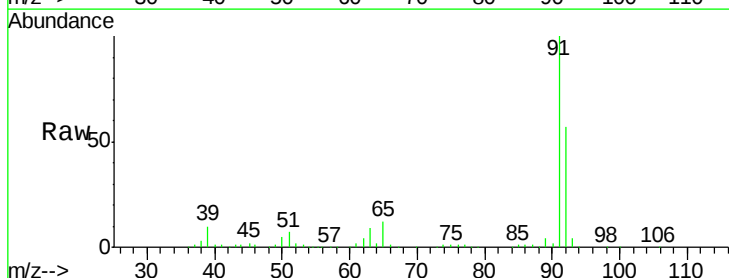
Acq: 28 Jun 2018 22:45

Tgt Ion: 91 Resp: 253444

Ion Ratio Lower Upper

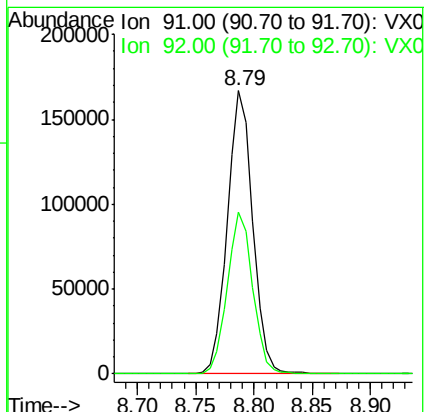
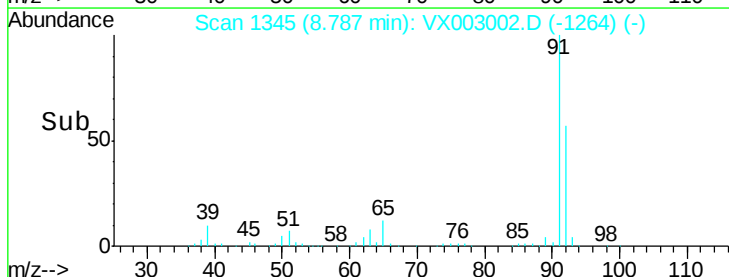
91 100

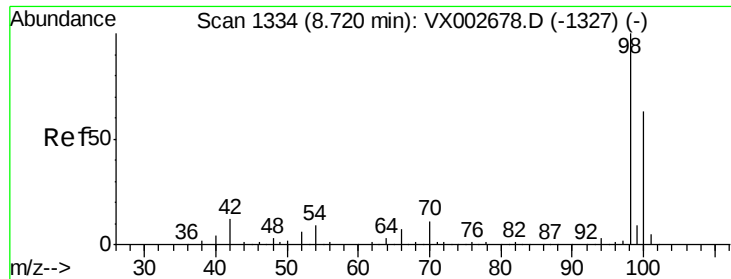
92 57.2 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

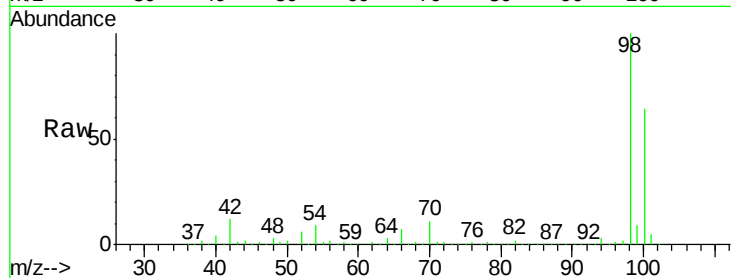
VX0628WBSD02

Tot Ion: 98 Resp: 330864

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX002678.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX002678.D (-1327) (-)

8.72

250000

200000

150000

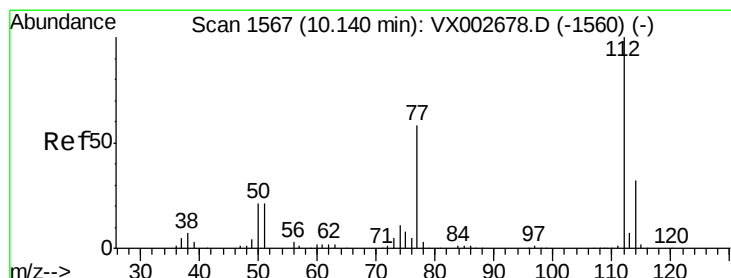
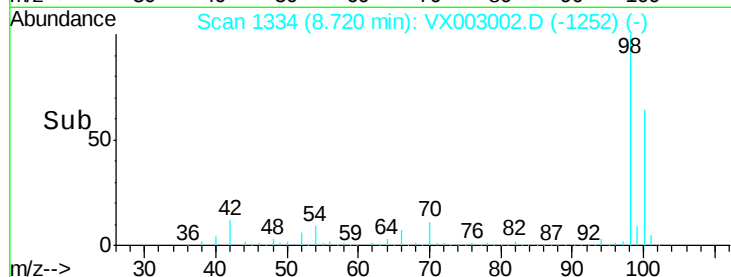
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 20.50 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003002.D

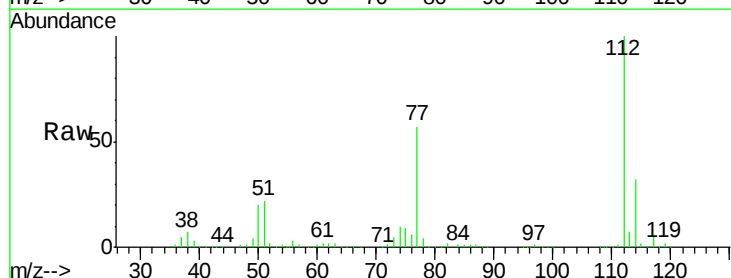
Acq: 28 Jun 2018 22:45

Tgt Ion: 112 Resp: 167157

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX002678.D (-1560) (-)

Ion 114.00 (113.70 to 114.70): VX002678.D (-1560) (-)

10.14

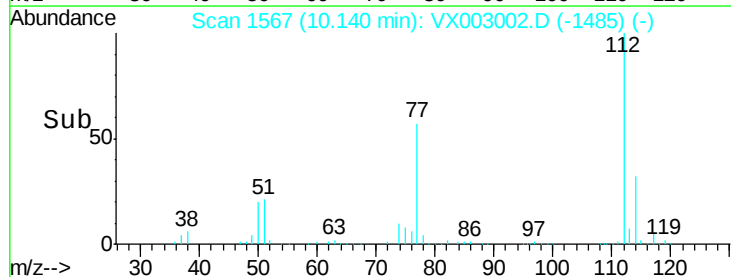
100000

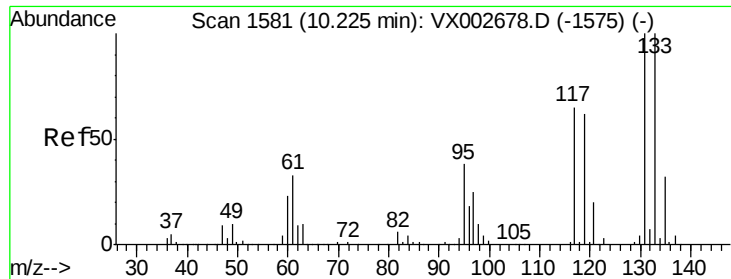
50000

0

10.10 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

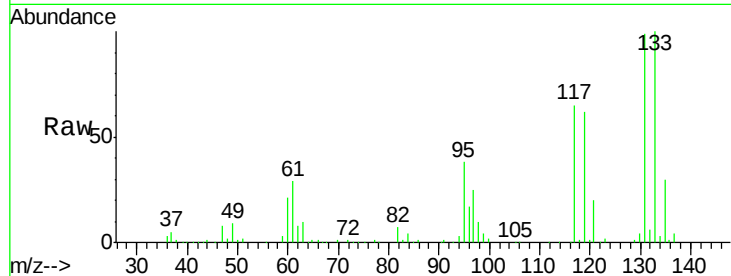
Tot Ion:131 Resp: 61968

Ion Ratio Lower Upper

131 100

133 97.8 0.0 191.2

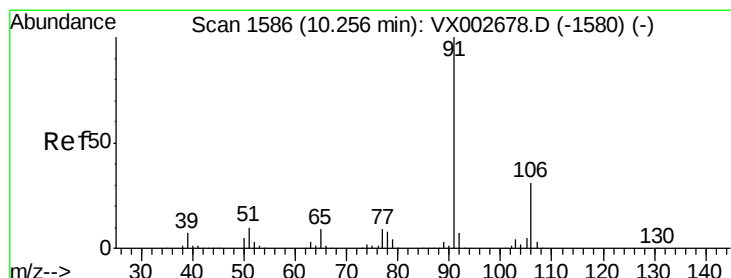
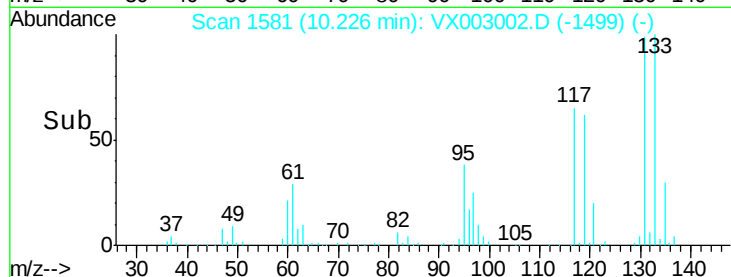
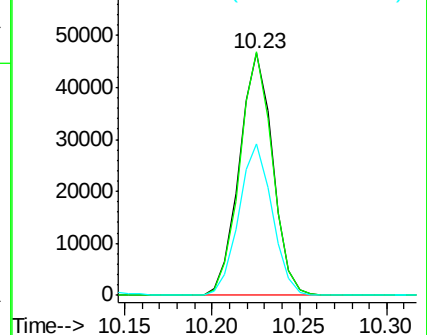
119 62.6 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.08 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003002.D

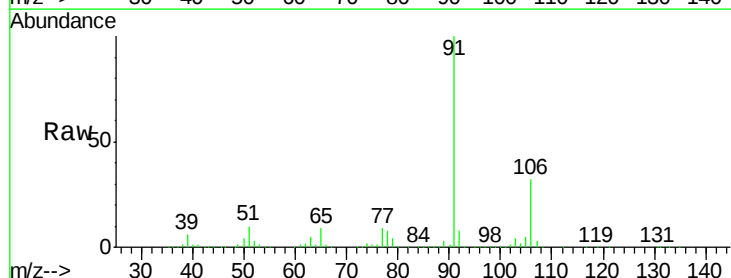
Acq: 28 Jun 2018 22:45

Tgt Ion: 91 Resp: 277572

Ion Ratio Lower Upper

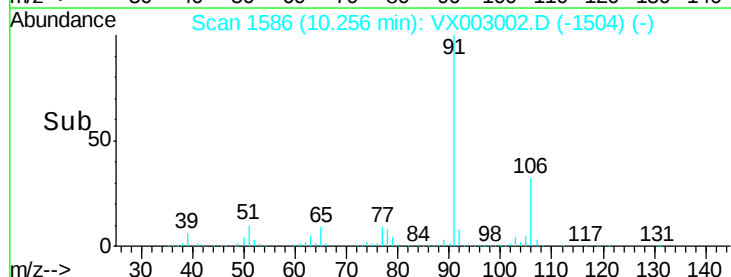
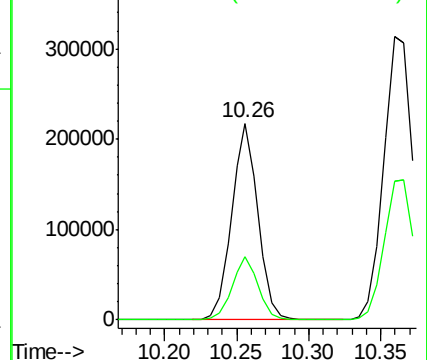
91 100

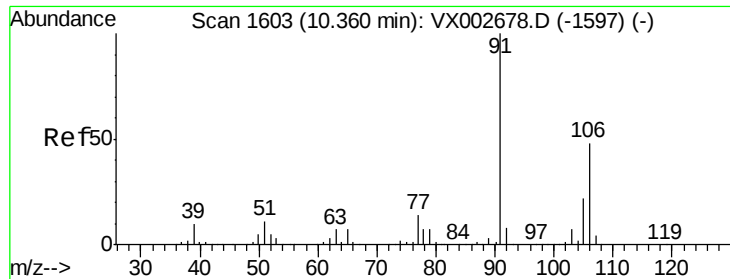
106 31.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

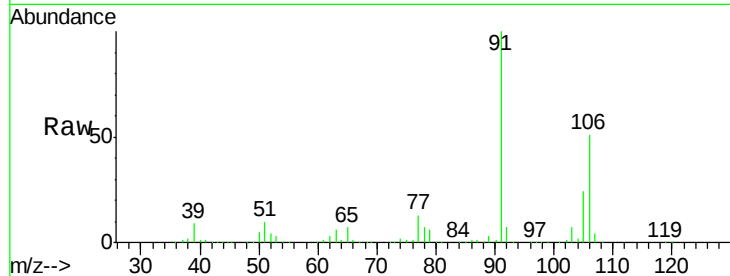




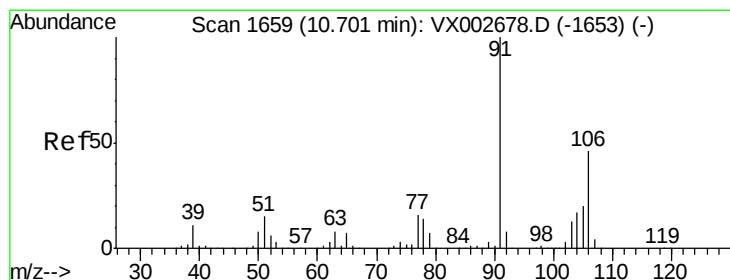
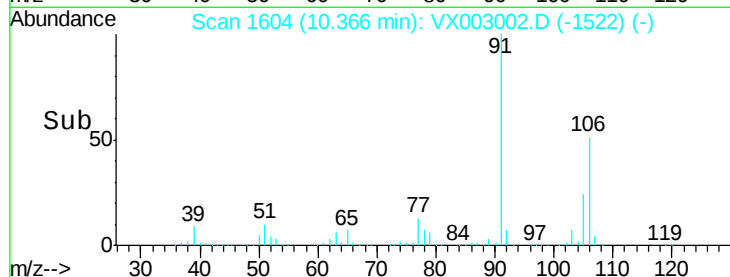
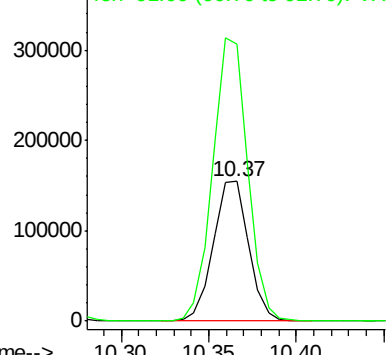
#67
m/p-Xvlenes
Concen: 40.38 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

Tot Ion:106 Resp: 216883
Ion Ratio Lower Upper
106 100
91 200.3 164.1 246.1

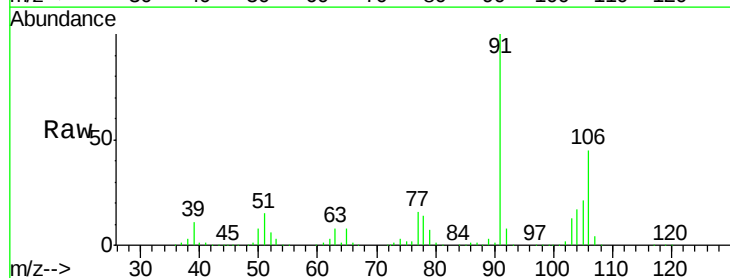


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

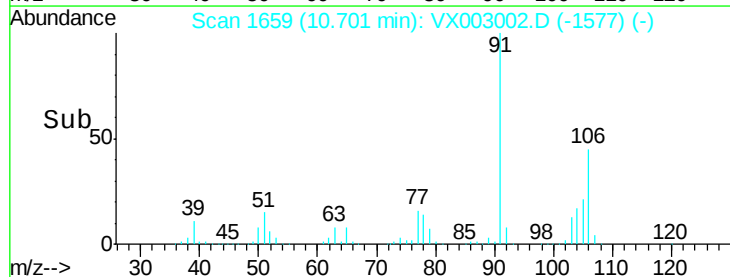
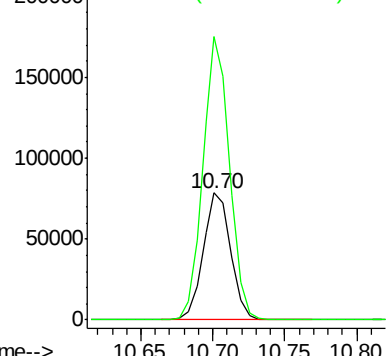


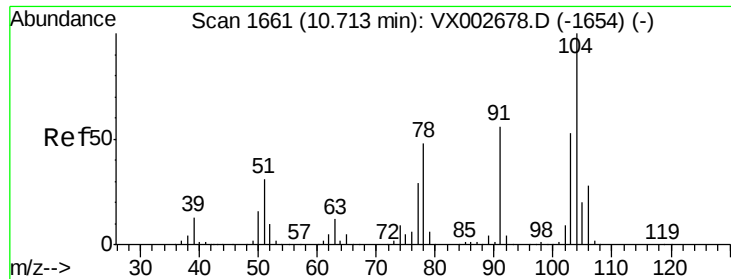
#68
o-Xylene
Concen: 20.04 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion:106 Resp: 104891
Ion Ratio Lower Upper
106 100
91 214.5 109.1 327.3



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

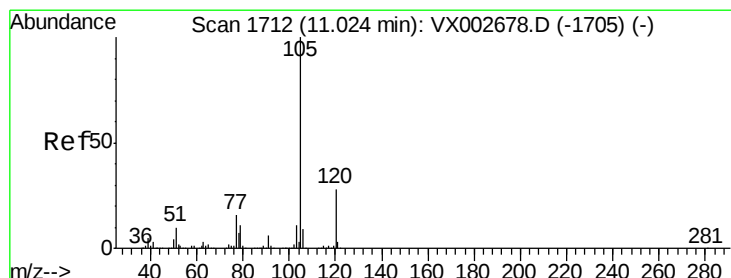
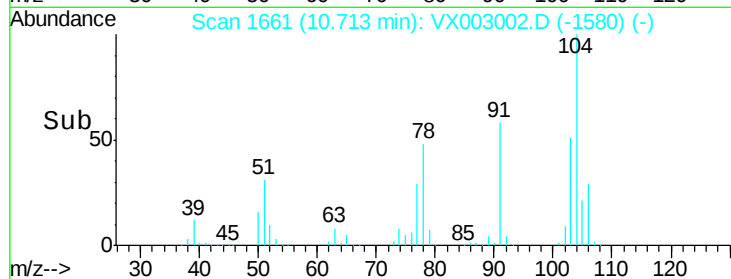
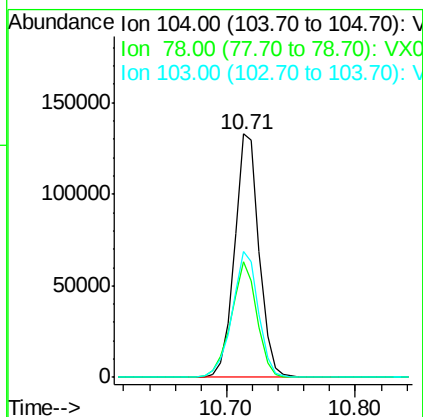
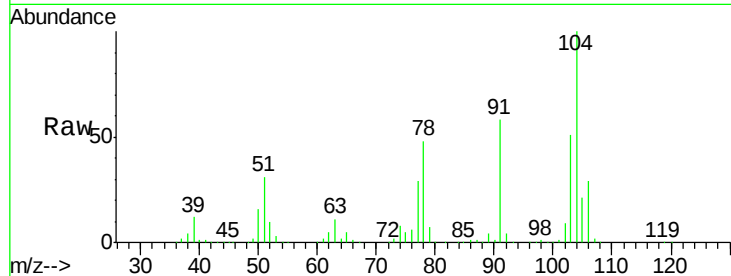




#69
Stvrene
Concen: 20.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

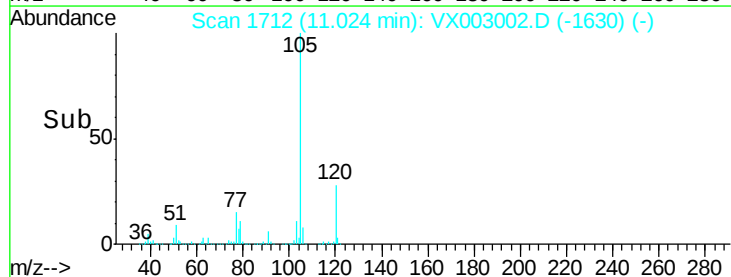
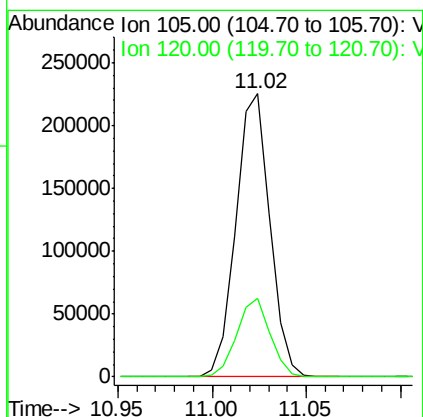
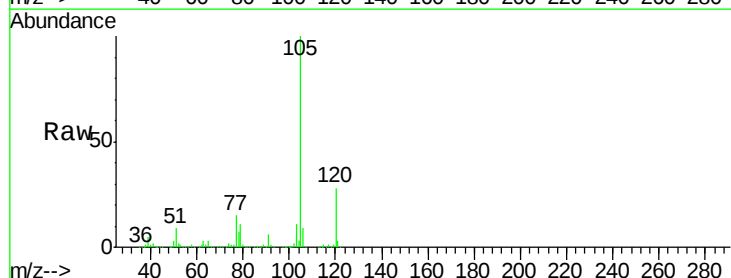
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

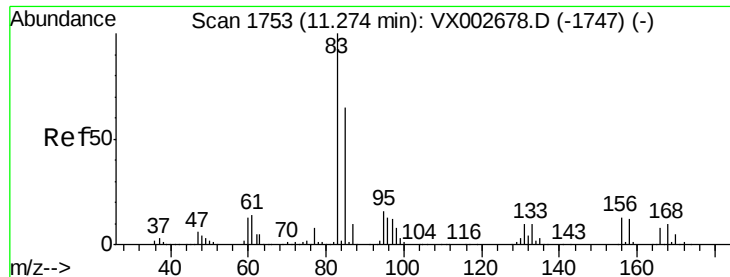
Tot Ion:104 Resp: 175866
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 55.3 44.9 67.3



#70
Isopropylbenzene
Concen: 19.53 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion:105 Resp: 281833
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.2

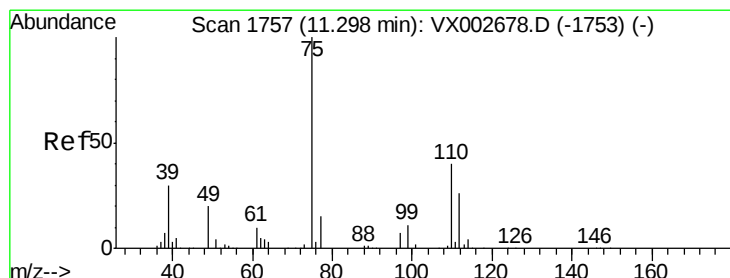
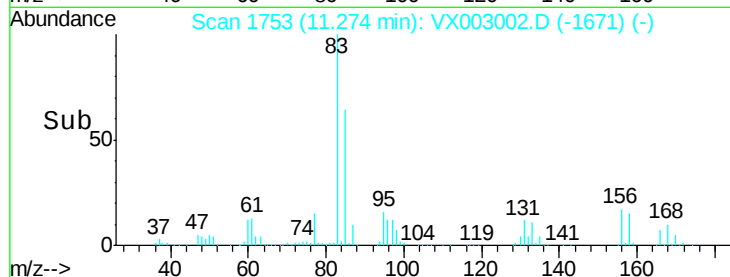
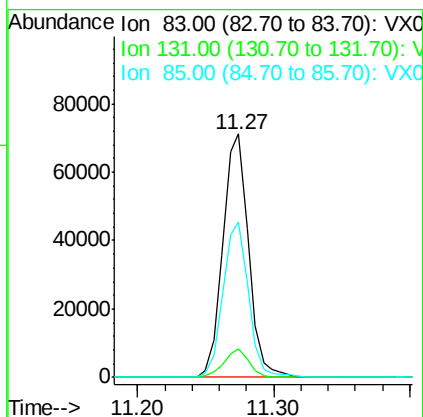
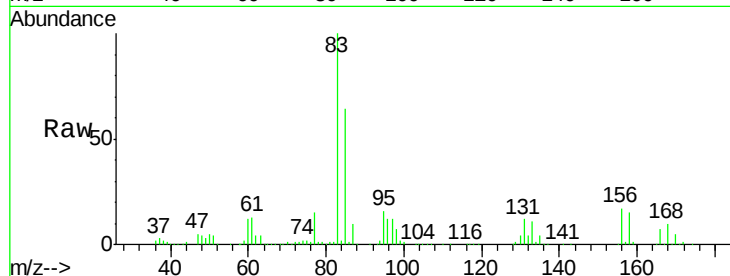




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.56 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

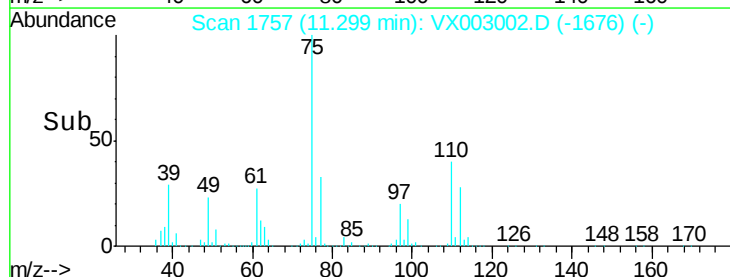
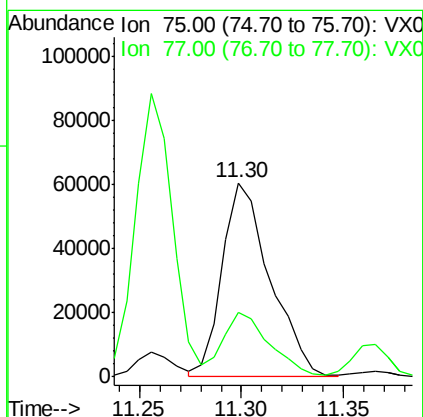
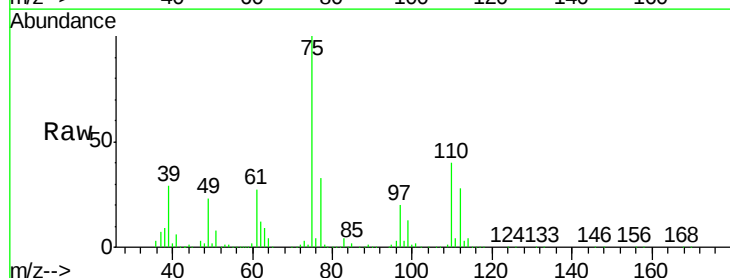
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

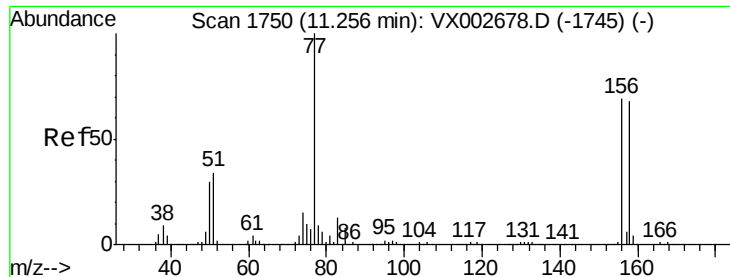
Tot Ion: 83 Resp: 93026
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 63.2 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.50 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 75 Resp: 99111
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 71.8





#73

Bromobenzene

Concen: 19.93 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

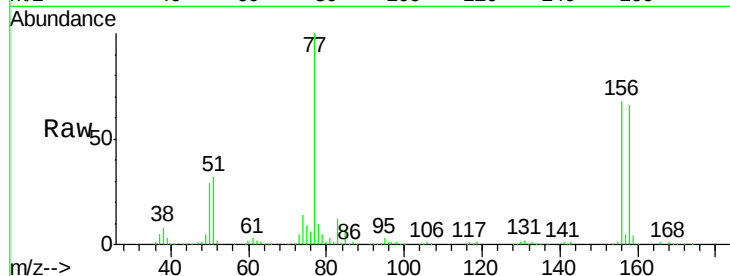
Tot Ion:156 Resp: 79973

Ion Ratio Lower Upper

156 100

77 139.9 0.0 301.0

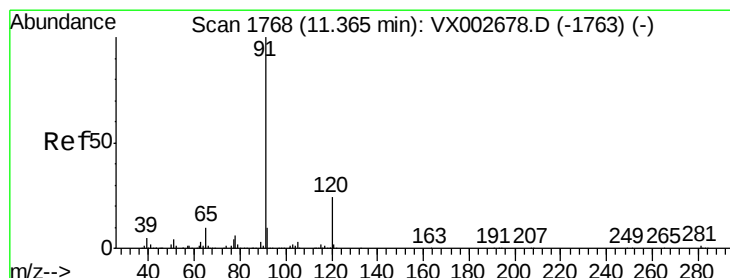
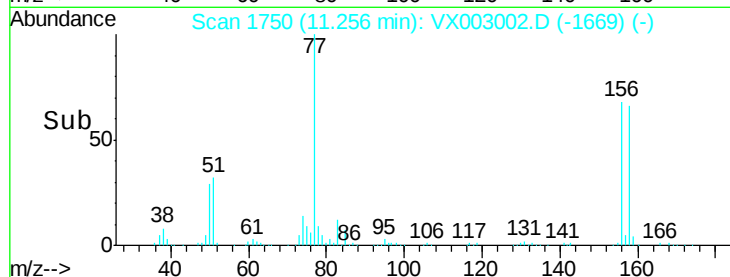
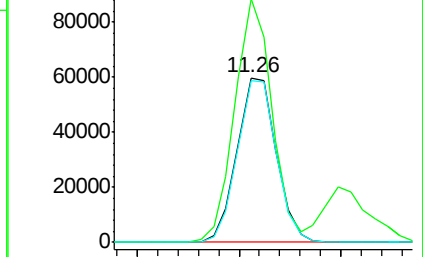
158 97.8 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.60 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003002.D

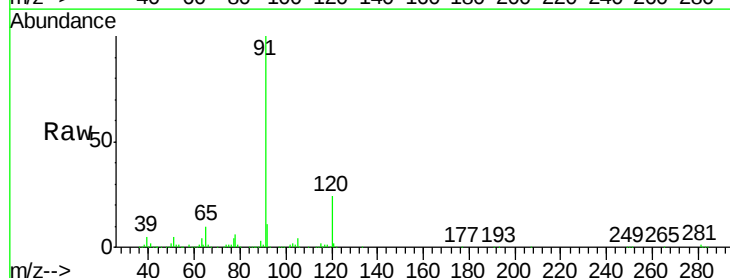
Acq: 28 Jun 2018 22:45

Tgt Ion: 91 Resp: 311584

Ion Ratio Lower Upper

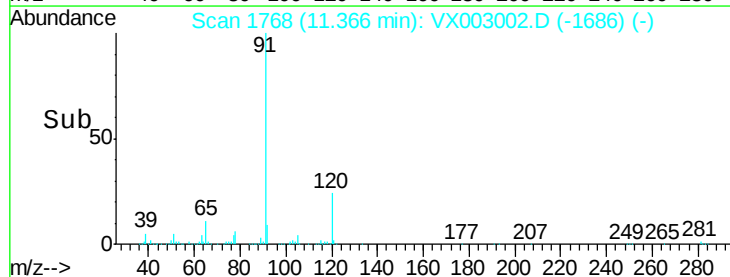
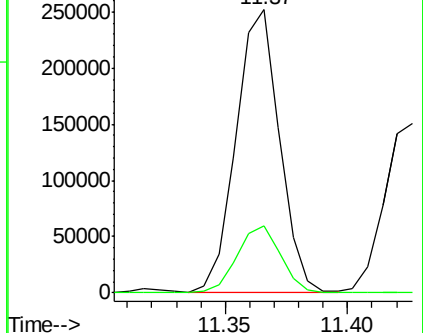
91 100

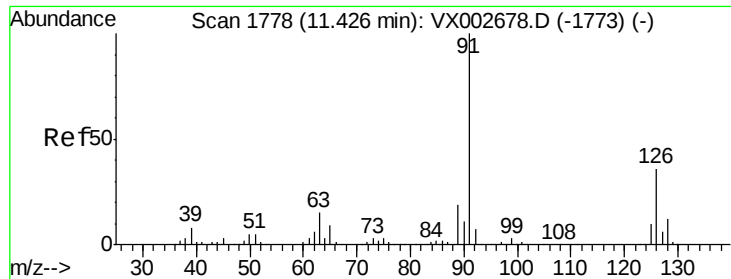
120 23.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

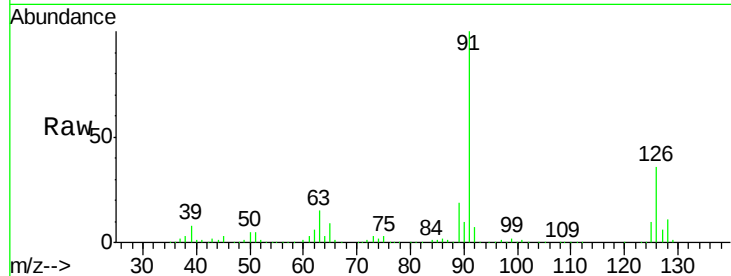
VX0628WBSD02

Tot Ion: 91 Resp: 193762

Ion Ratio Lower Upper

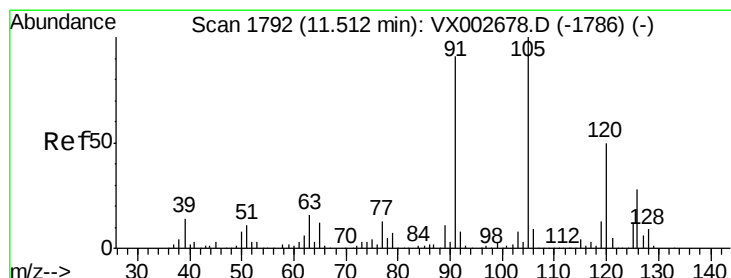
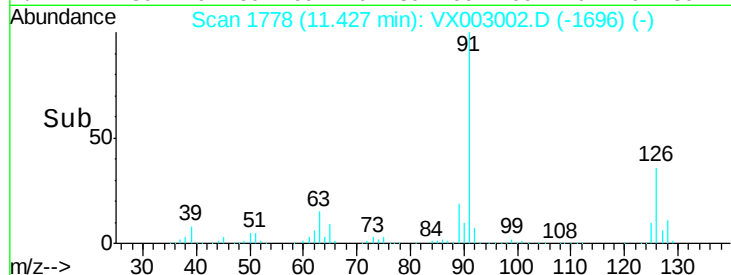
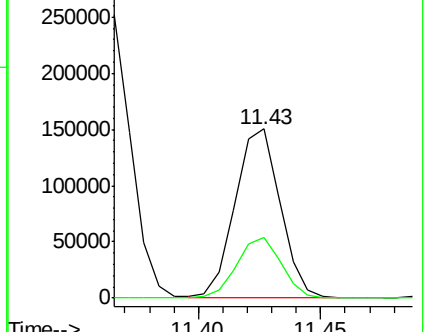
91 100

126 35.5 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX002678.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX002678.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003002.D

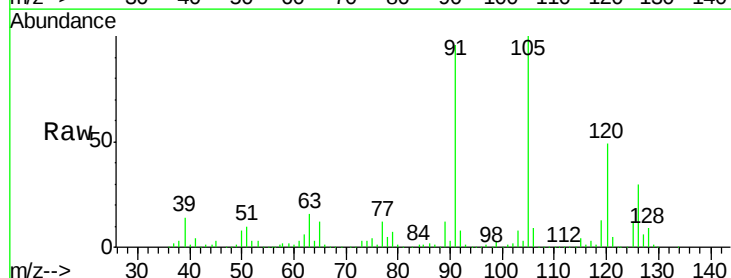
Acq: 28 Jun 2018 22:45

Tgt Ion: 105 Resp: 233662

Ion Ratio Lower Upper

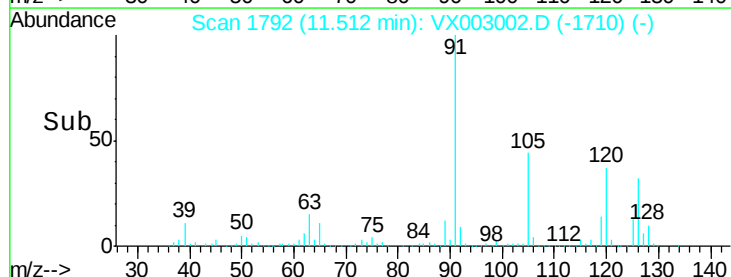
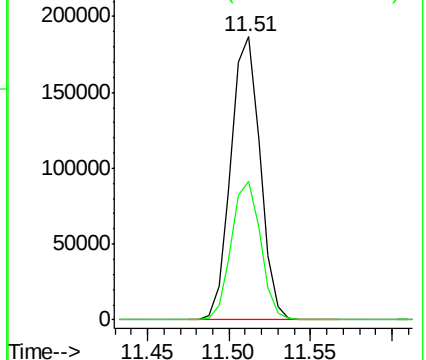
105 100

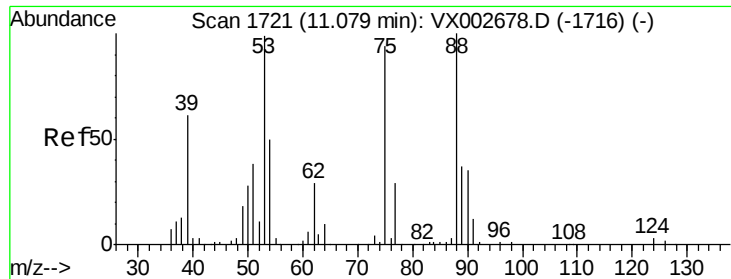
120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002678.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002678.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampled :

VX0628WBSD02

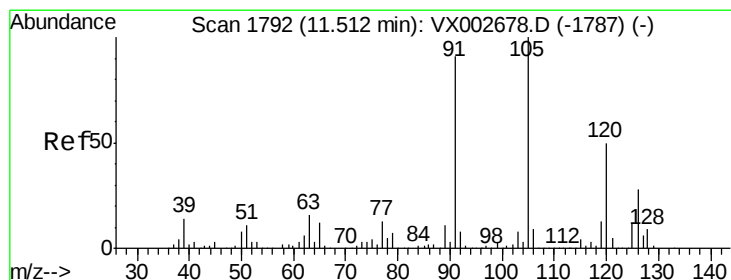
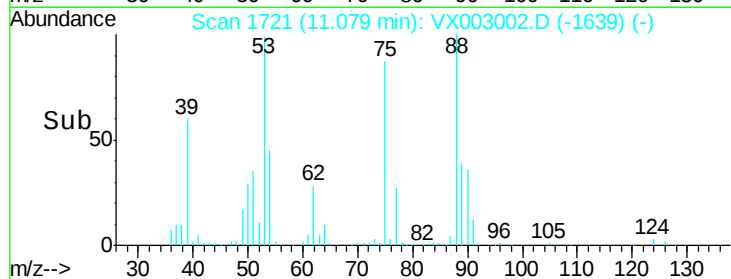
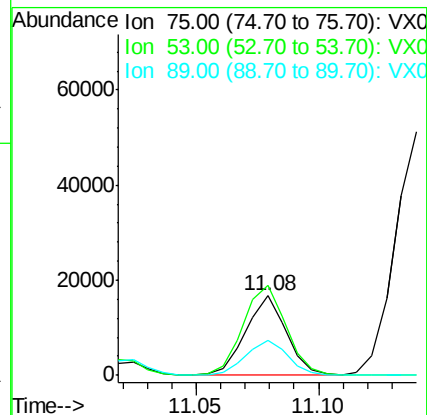
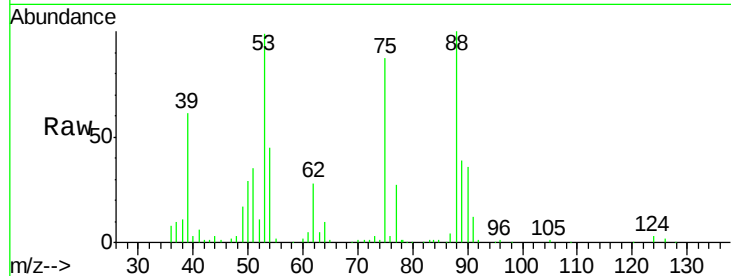
Tot Ion: 75 Resp: 19365

Ion Ratio Lower Upper

75 100

53 114.1 48.3 144.9

89 44.7 21.8 65.4



#78

4-Chlorotoluene

Concen: 19.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003002.D

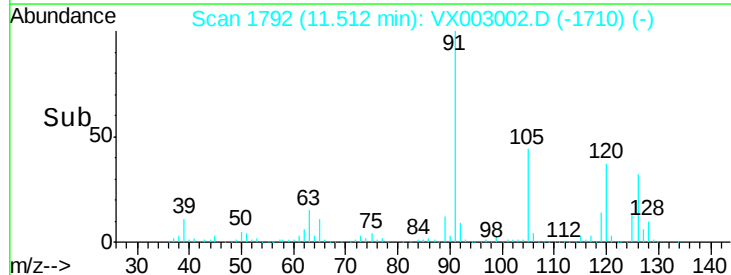
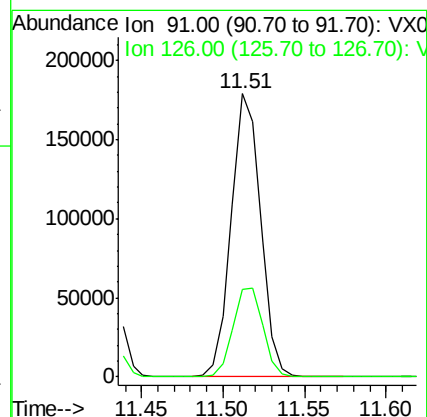
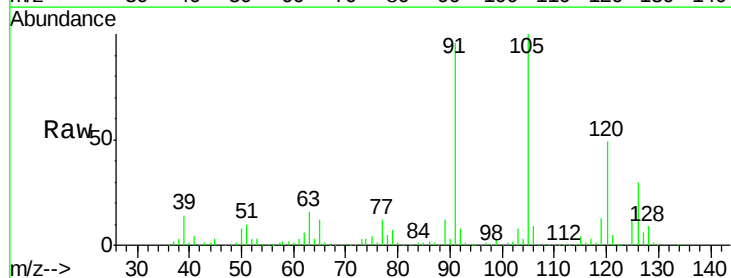
Acq: 28 Jun 2018 22:45

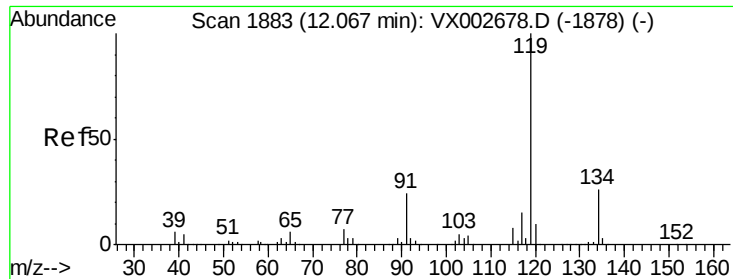
Tgt Ion: 91 Resp: 224170

Ion Ratio Lower Upper

91 100

126 32.0 0.0 61.0

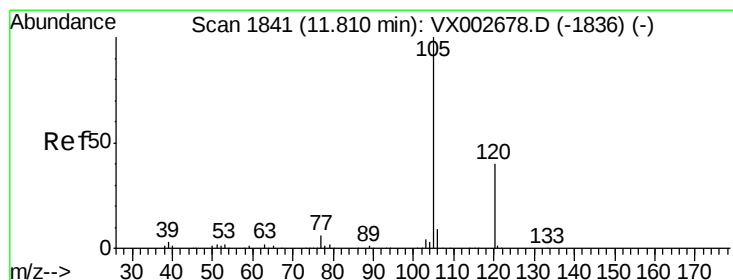
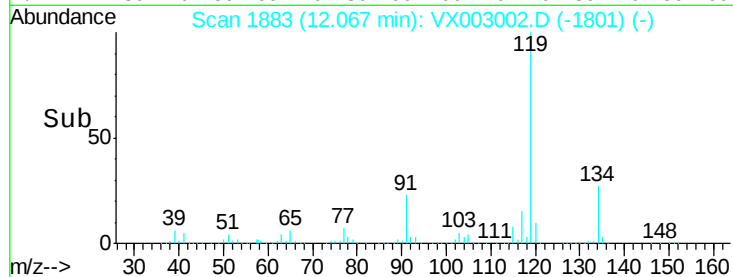
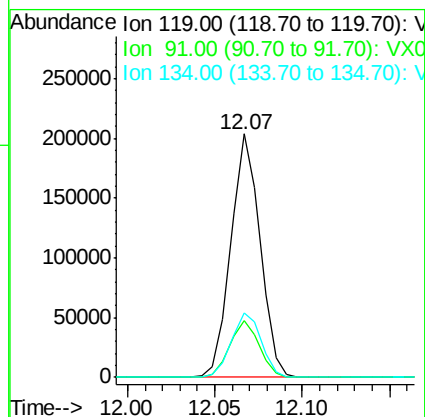
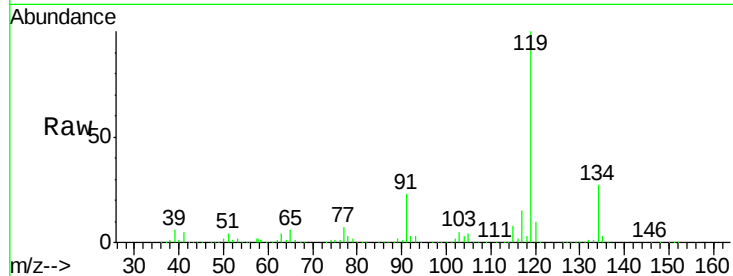




#79
tert-butylbenzene
Concen: 17.56 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

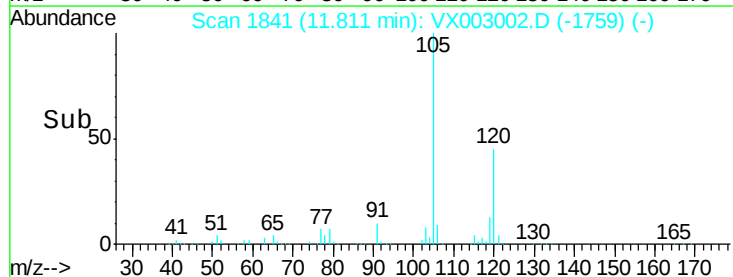
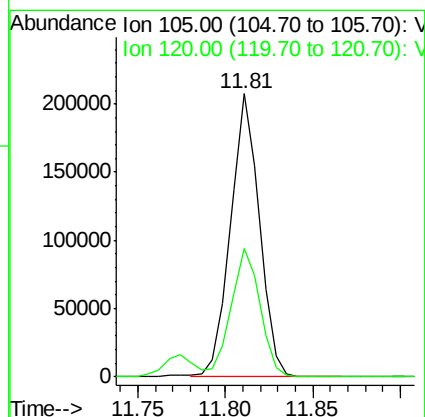
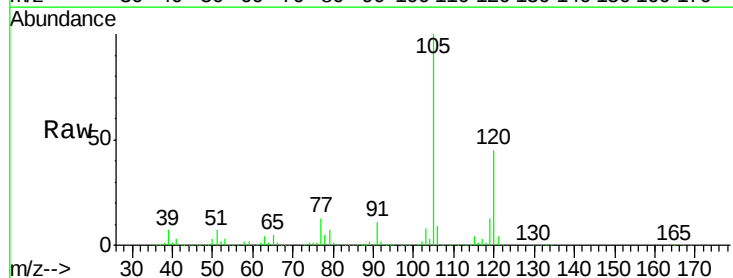
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBSD02

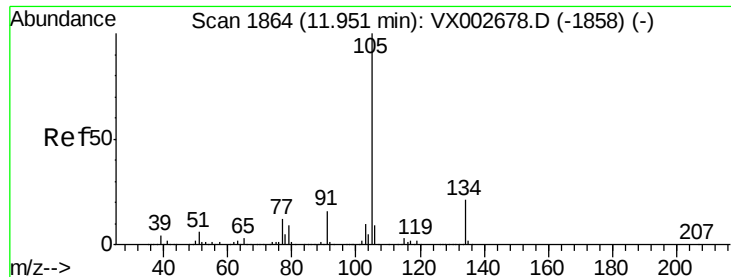
Tot Ion:119 Resp: 237287
Ion Ratio Lower Upper
119 100
91 23.4 0.0 48.0
134 27.2 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 18.99 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion:105 Resp: 237576
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.2

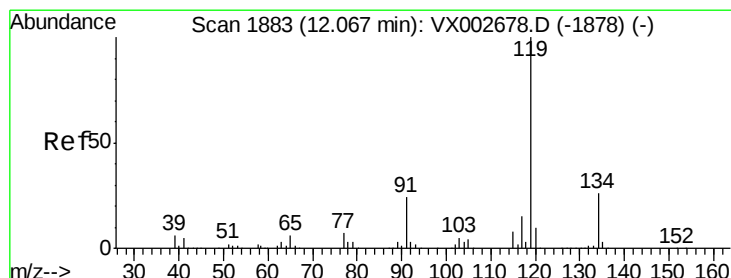
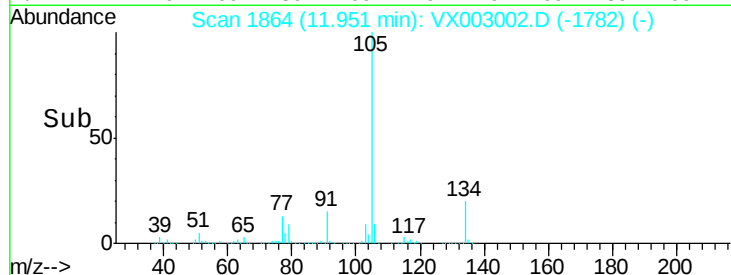
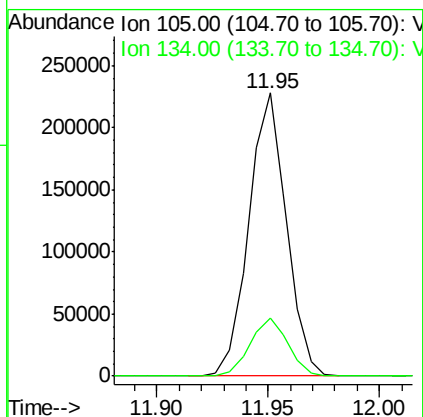
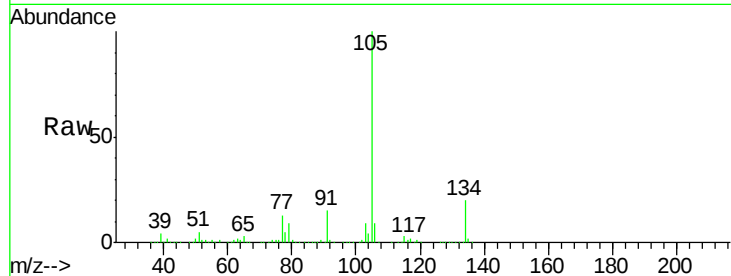




#81
 sec-Butylbenzene
 Concen: 17.88 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

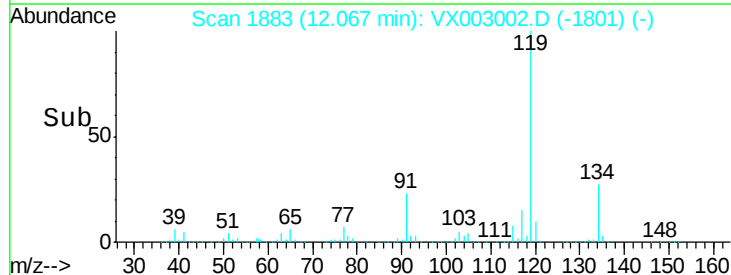
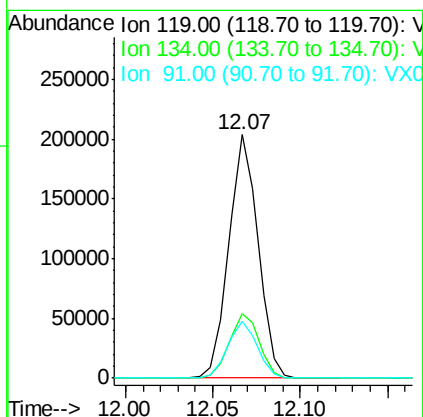
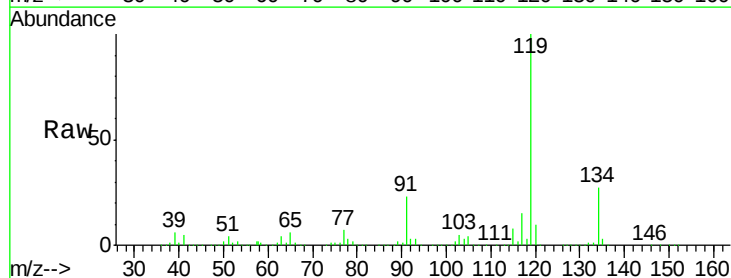
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0628WBSD02

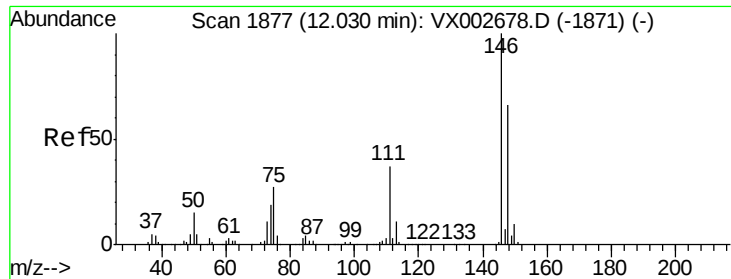
Tot Ion:105 Resp: 268016
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 17.56 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion:119 Resp: 237287
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.6
 91 23.4 0.0 48.0

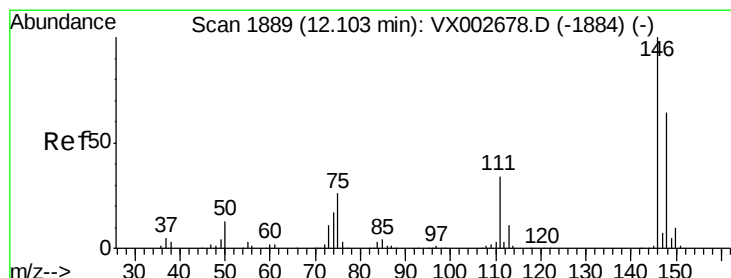
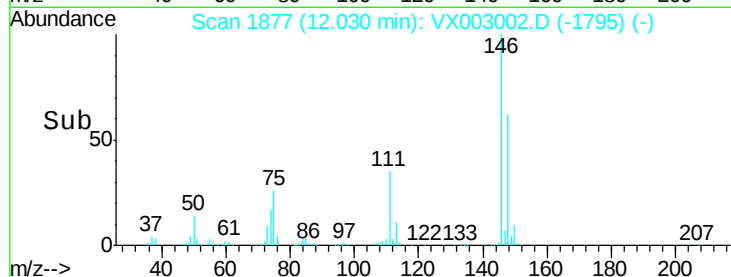
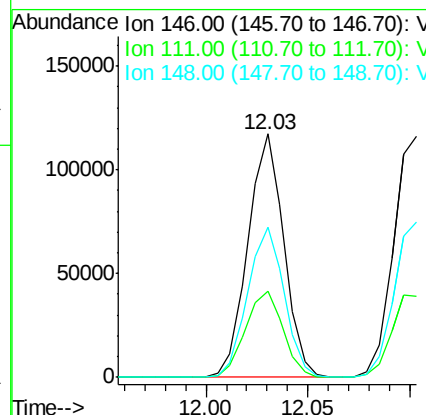
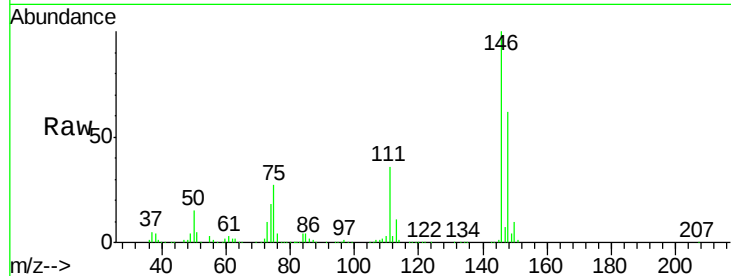




#83
 1,3-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

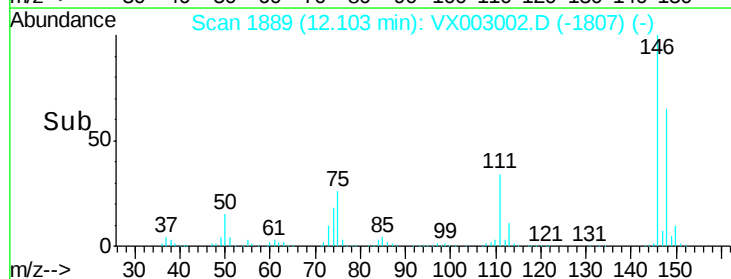
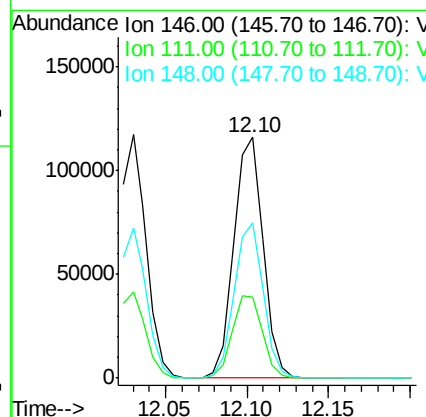
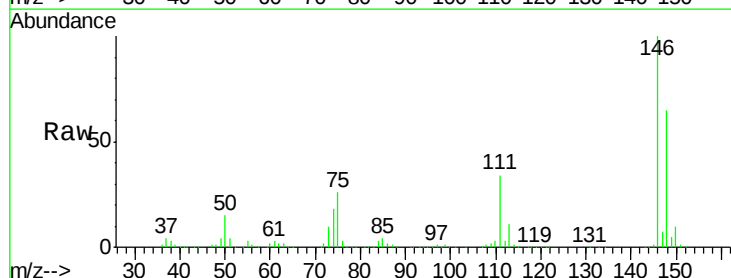
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

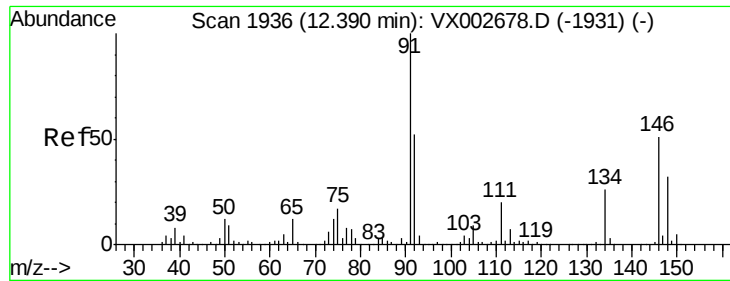
Tot Ion:146 Resp: 143490
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.5
 148 63.1 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion:146 Resp: 144971
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.5 55.5
 148 63.9 32.0 96.0

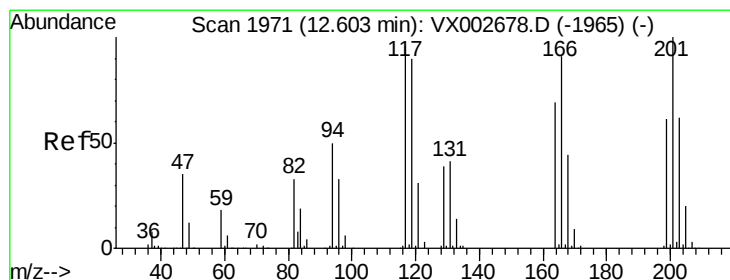
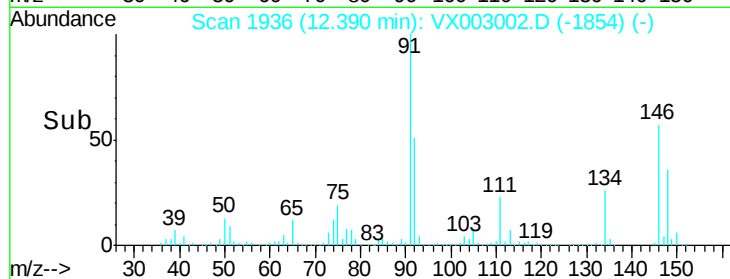
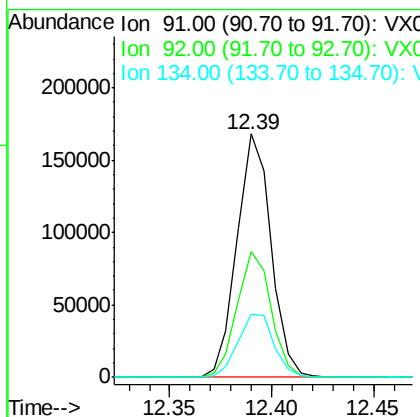
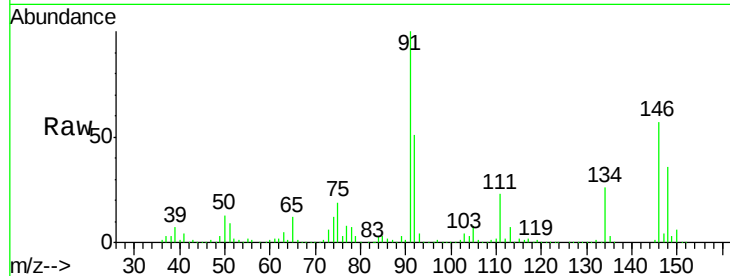




#85
n-Butylbenzene
Concen: 16.31 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

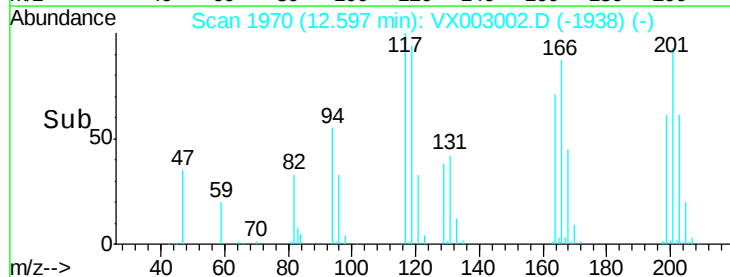
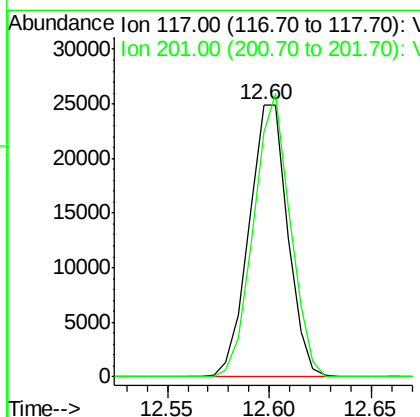
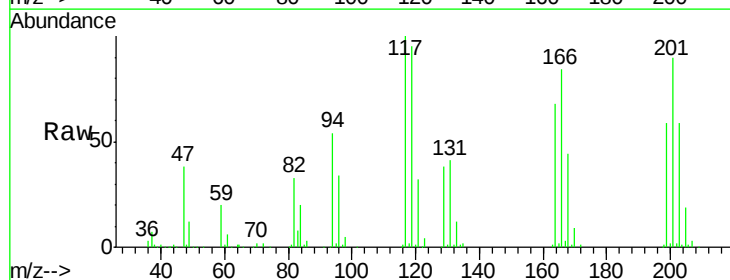
Instrument :
MSVOA_X
ClientSampleID :
VX0628WBSD02

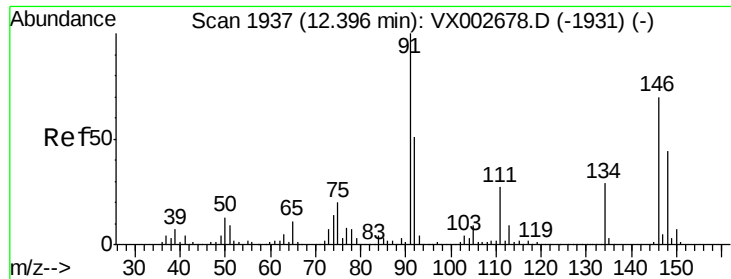
Tot Ion: 91 Resp: 195429
Ion Ratio Lower Upper
91 100
92 51.6 0.0 105.2
134 27.5 0.0 53.2



#86
Hexachloroethane
Concen: 16.14 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003002.D
Acq: 28 Jun 2018 22:45

Tgt Ion: 117 Resp: 33061
Ion Ratio Lower Upper
117 100
201 97.6 47.6 142.8

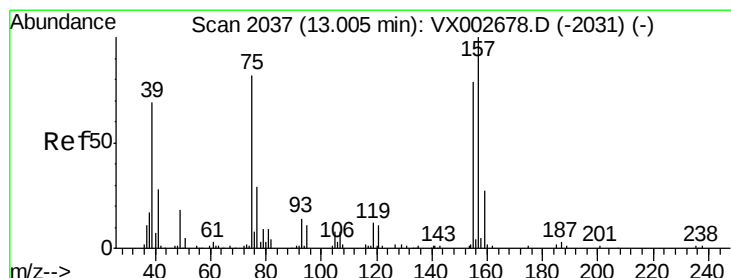
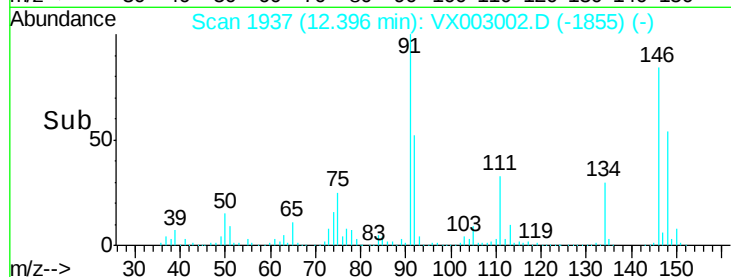
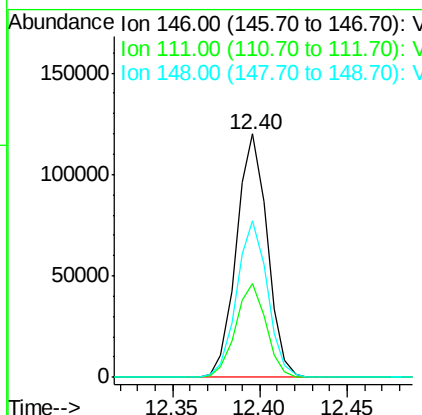
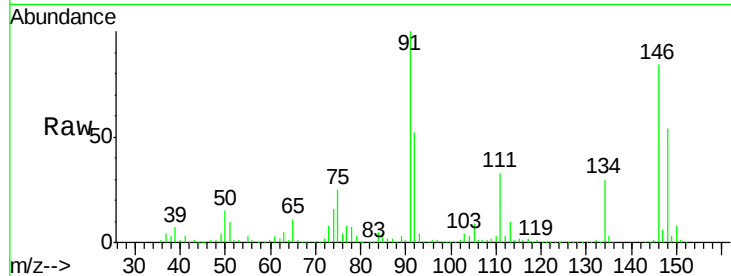




#87
 1,2-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

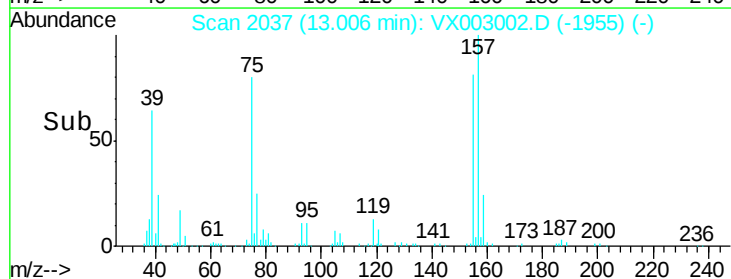
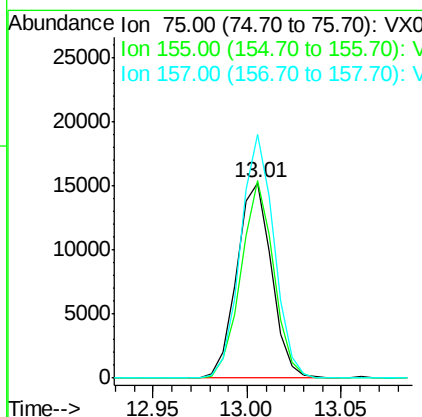
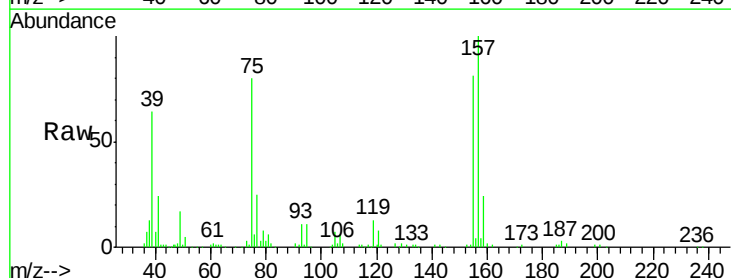
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBSD02

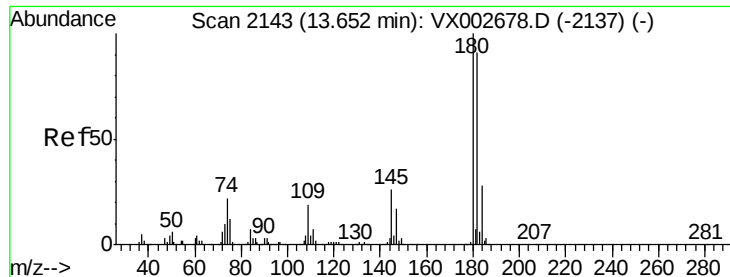
Tot Ion:146 Resp: 147225
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.0 59.9
 148 64.0 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.21 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion: 75 Resp: 19471
 Ion Ratio Lower Upper
 75 100
 155 94.6 73.1 109.7
 157 119.9 93.1 139.7

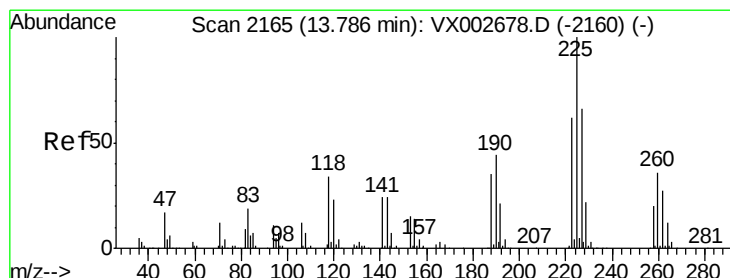
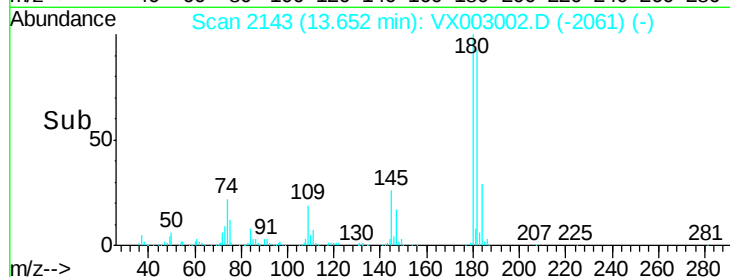
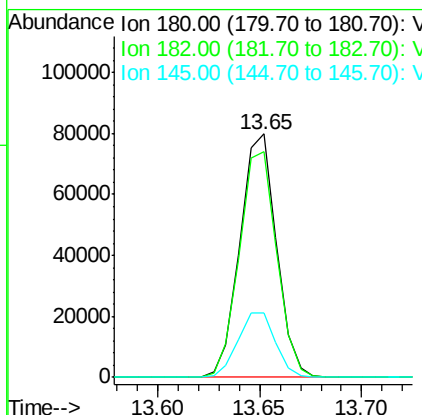
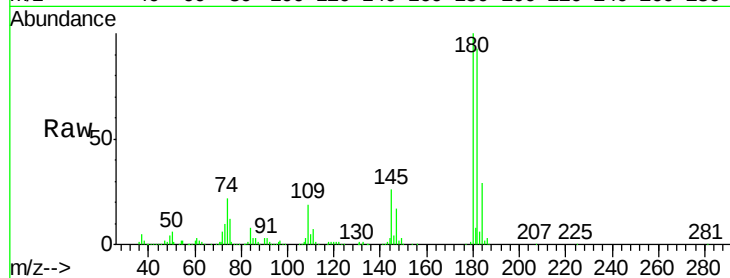




#89
 1,2,4-Trichlorobenzene
 Concen: 17.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

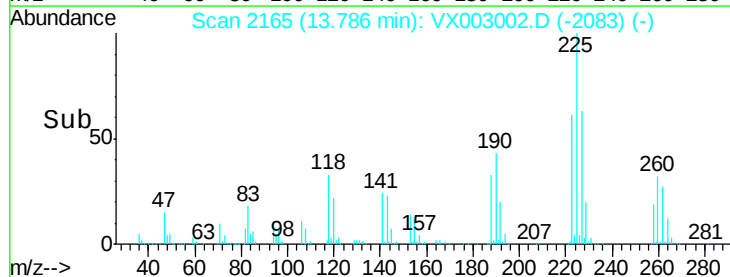
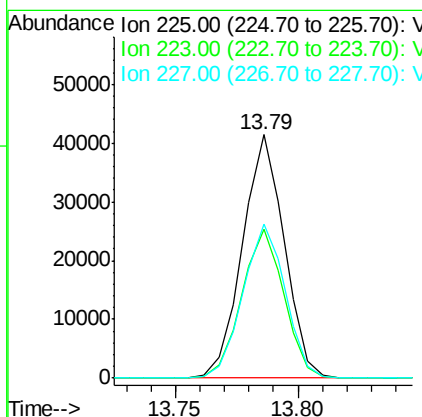
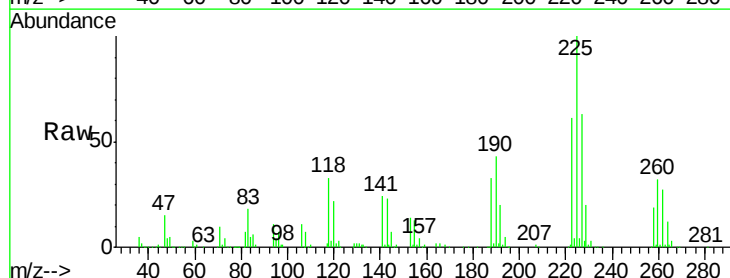
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0628WBSD02

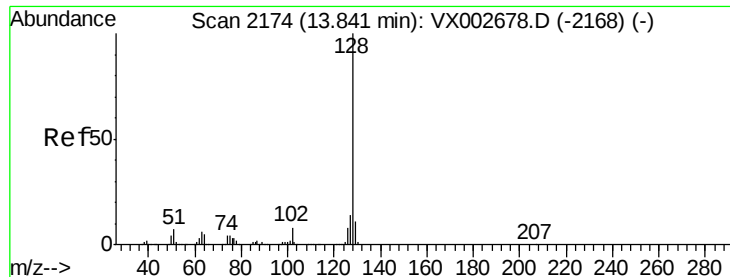
Tot Ion:180 Resp: 99436
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 145 27.6 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 16.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003002.D
 Acq: 28 Jun 2018 22:45

Tgt Ion:225 Resp: 49362
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 122.4
 227 63.9 0.0 128.0





#91

Naphthalene

Concen: 20.34 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBSD02

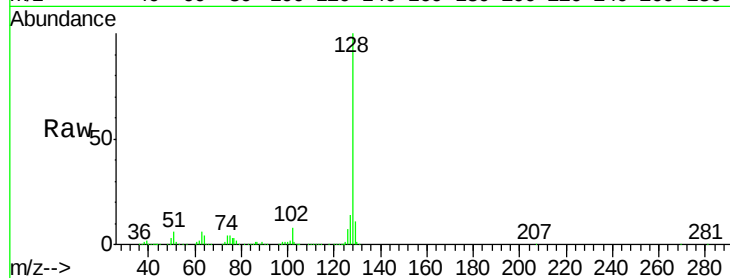
Tot Ion:128 Resp: 303511

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

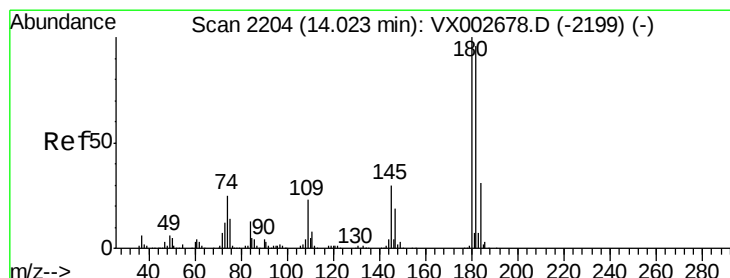
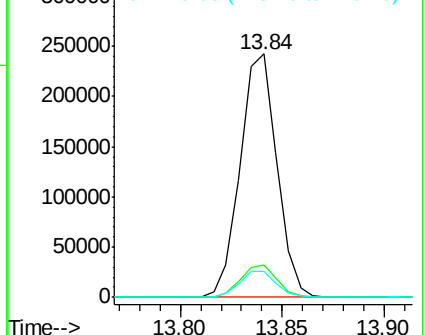
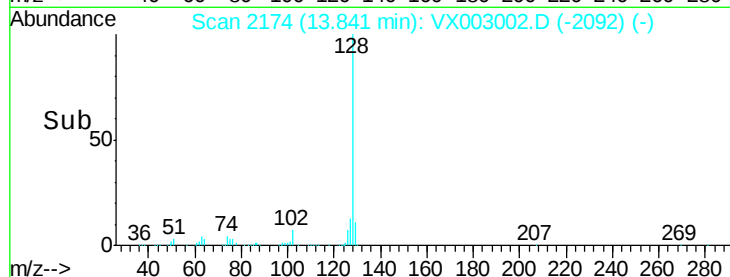
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.92 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003002.D

Acq: 28 Jun 2018 22:45

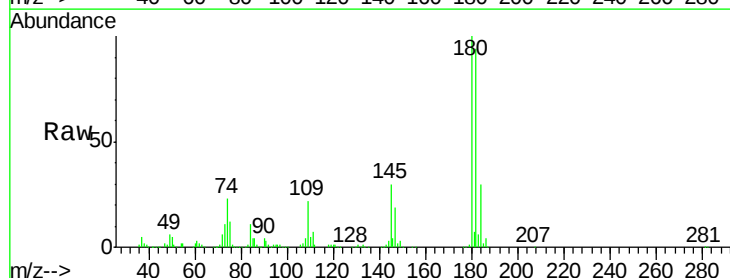
Tgt Ion:180 Resp: 105982

Ion Ratio Lower Upper

180 100

182 95.4 0.0 191.0

145 29.3 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

