

Data File : VX000163.D

Acq On : 28 Feb 2018 12:53

Operator : JC/MD

Sample : VX0228WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Quant Time: Mar 01 06:29:56 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	128581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	95683	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
35) Dibromofluoromethane	5.51	113	75198	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
50) Toluene-d8	8.73	98	293623	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	11.15	95	115472	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24446	18.46	ug/l	98
3) Chloromethane	1.32	50	23312	17.95	ug/l	100
4) Vinyl Chloride	1.41	62	29229	20.21	ug/l	92
5) Bromomethane	1.64	94	25621	20.99	ug/l	97
6) Chloroethane	1.73	64	20569	21.17	ug/l	93
7) Trichlorofluoromethane	1.93	101	54500	21.07	ug/l	95
8) Diethyl Ether	2.20	74	19532	21.88	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29585	20.46	ug/l	98
10) Methyl Iodide	2.51	142	22450	14.18	ug/l	97
11) Tert butyl alcohol	3.08	59	71932	116.25	ug/l	100
12) 1,1-Dichloroethene	2.38	96	27015	20.06	ug/l	94
13) Acrolein	2.30	56	8500	28.76	ug/l	100
14) Allyl chloride	2.73	41	50315	22.32	ug/l	97
15) Acrylonitrile	3.15	53	121723	115.19	ug/l	99
16) Acetone	2.45	43	145788	139.99	ug/l	99
17) Carbon Disulfide	2.57	76	61396	15.49	ug/l	98
18) Methyl Acetate	2.79	43	64111	26.25	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	105199	22.76	ug/l	99
20) Methylene Chloride	2.87	84	31341	22.73	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	29018	19.88	ug/l	82
22) Diisopropyl ether	3.89	45	79657	20.22	ug/l	99
23) Vinyl Acetate	3.84	43	367531	100.41	ug/l	98
24) 1,1-Dichloroethane	3.70	63	54497	23.35	ug/l	98
25) 2-Butanone	4.72	43	171334	117.85	ug/l	93
26) 2,2-Dichloropropane	4.60	77	41638	20.53	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	29452	21.18	ug/l	99
28) Bromochloromethane	5.03	49	24568	23.48	ug/l	95
29) Tetrahydrofuran	5.18	42	104256	110.12	ug/l	97
30) Chloroform	5.23	83	54004	21.99	ug/l	100
31) Cyclohexane	5.59	56	37723	18.80	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	46262	20.47	ug/l	97
36) 1,1-Dichloropropene	5.81	75	37894	19.26	ug/l	95
37) Ethyl Acetate	4.87	43	54652	20.21	ug/l	98
38) Carbon Tetrachloride	5.79	117	39481	18.57	ug/l	95

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Operator : JC/MD

Sample : VX0228WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Quant Time: Mar 01 06:29:56 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	43077	18.18	ug/l	97
40) Benzene	6.15	78	110359	19.63	ug/l	98
41) Methacrylonitrile	5.07	41	28479	21.65	ug/l	97
42) 1,2-Dichloroethane	6.21	62	44157	21.40	ug/l	98
43) Isopropyl Acetate	6.48	43	83959	21.53	ug/l	97
44) Trichloroethene	7.22	130	31276	18.89	ug/l	93
45) 1,2-Dichloropropane	7.52	63	28689	20.82	ug/l	95
46) Dibromomethane	7.68	93	22237	20.68	ug/l	96
47) Bromodichloromethane	7.91	83	41076	20.68	ug/l	96
48) Methyl methacrylate	7.79	41	40240	21.05	ug/l	96
49) 1,4-Dioxane	7.76	88	20106	401.20	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	316425	111.02	ug/l	95
52) Toluene	8.79	92	74402	19.81	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	47516	20.34	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	46712	20.14	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	33179	21.36	ug/l	94
56) Ethyl methacrylate	9.19	69	49929	20.94	ug/l	94
57) 1,3-Dichloropropane	9.38	76	53751	21.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	126155	104.70	ug/l	96
59) 2-Hexanone	9.51	43	271143	112.36	ug/l	97
60) Dibromochloromethane	9.59	129	33935	19.29	ug/l	97
61) 1,2-Dibromoethane	9.68	107	35993	20.88	ug/l	96
64) Tetrachloroethene	9.34	164	27435	17.43	ug/l	98
65) Chlorobenzene	10.15	112	91139	19.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	31672	19.83	ug/l	98
67) Ethyl Benzene	10.26	91	154721	20.20	ug/l	100
68) m/p-Xylenes	10.37	106	119241	39.31	ug/l	98
69) o-Xylene	10.71	106	58480	19.99	ug/l	95
70) Styrene	10.72	104	96412	20.15	ug/l	98
71) Bromoform	10.87	173	25693	17.72	ug/l #	100
73) Isopropylbenzene	11.02	105	160120	20.90	ug/l	97
74) N-amyl acetate	6.48	43	83959	21.70	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	58027	21.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69167	27.63	ug/l	80
77) Bromobenzene	11.26	156	39676	19.11	ug/l	89
78) n-propylbenzene	11.37	91	186171	20.62	ug/l	98
79) 2-Chlorotoluene	11.43	91	108113	20.92	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	134015	20.69	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	16594	18.88	ug/l	88
82) 4-Chlorotoluene	11.52	91	130812	20.93	ug/l	95
83) tert-Butylbenzene	11.78	119	135750	20.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	137840	20.50	ug/l	99
85) sec-Butylbenzene	11.96	105	170865	21.04	ug/l	98
86) p-Isopropyltoluene	12.07	119	148635	20.48	ug/l	97
87) 1,3-Dichlorobenzene	12.04	146	77918	19.56	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	81008	19.69	ug/l	98
89) n-Butylbenzene	12.40	91	142304	20.80	ug/l	97
90) Hexachloroethane	12.60	117	24005	20.32	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	78219	19.96	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17227	23.27	ug/l	84

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX022818\
Quantitation Report (Not Reviewed)

Data File : VX000163.D
Acq On : 28 Feb 2018 12:53
Operator : JC/MD
Sample : VX0228WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Quant Time: Mar 01 06:29:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

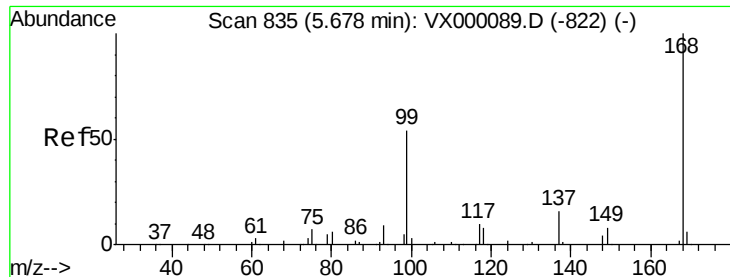
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55252	18.79	ug/l	98
94) Hexachlorobutadiene	13.79	225	22573	17.59	ug/l	98
95) Naphthalene	13.84	128	206153	20.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56548	19.48	ug/l	96

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

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ALS Vial      : 5      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

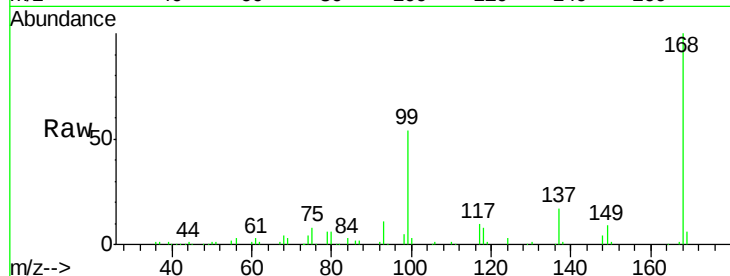
VX0228WBSD01

Tgt Ion:168 Resp: 128581

Ion Ratio Lower Upper

168 100

99 54.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

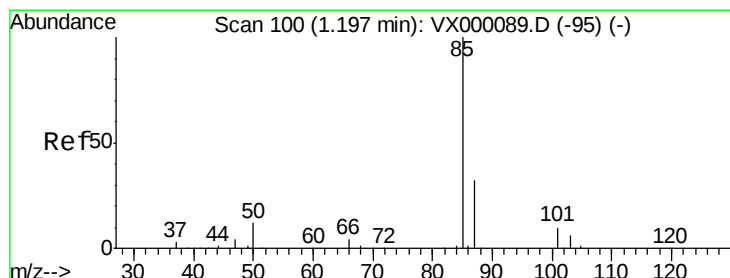
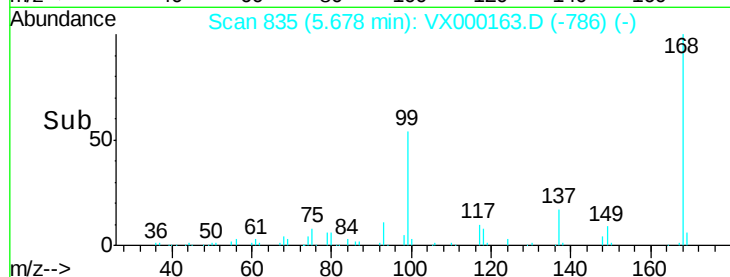
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000163.D

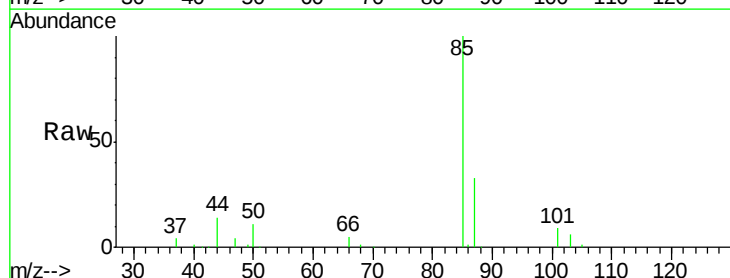
Acq: 28 Feb 2018 12:53

Tgt Ion: 85 Resp: 24446

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

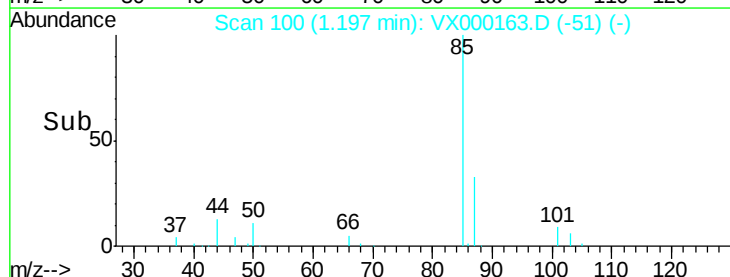
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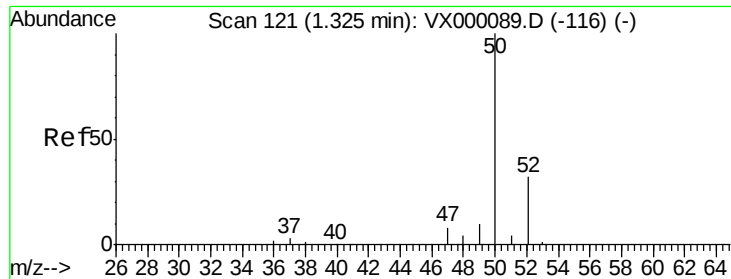
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5000

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Time-->

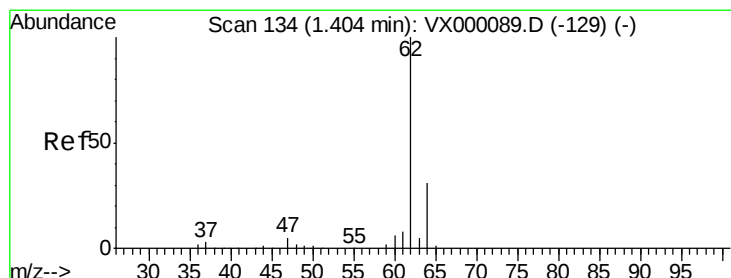
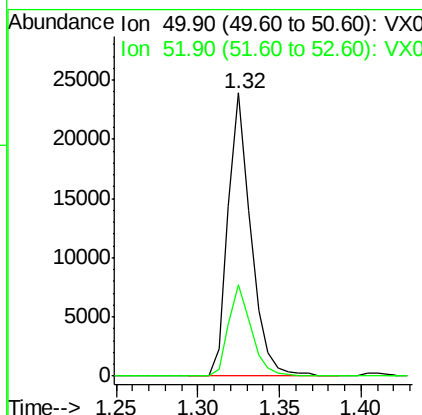
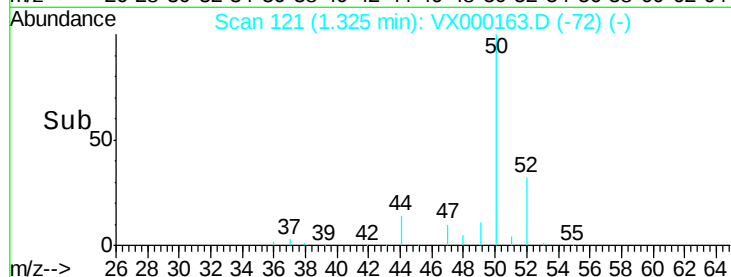
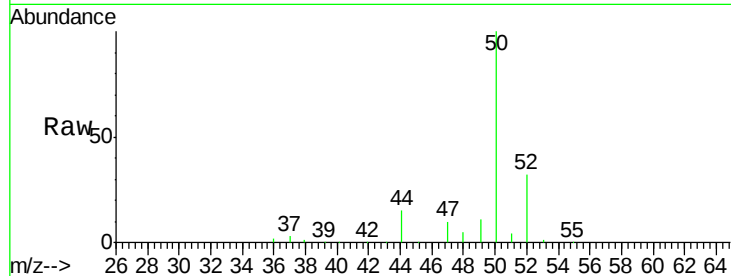




#3
 Chloromethane
 Concen: 17.95 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

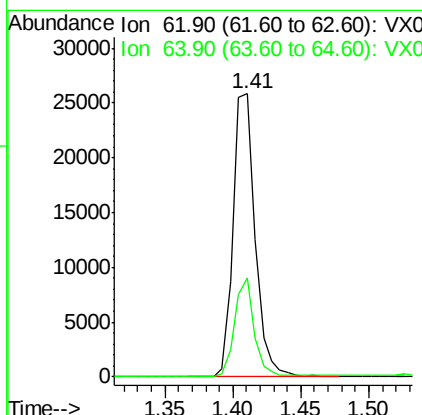
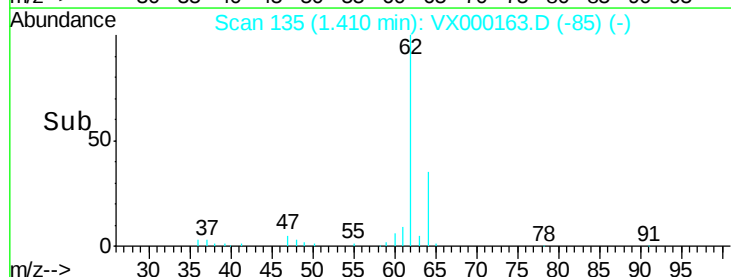
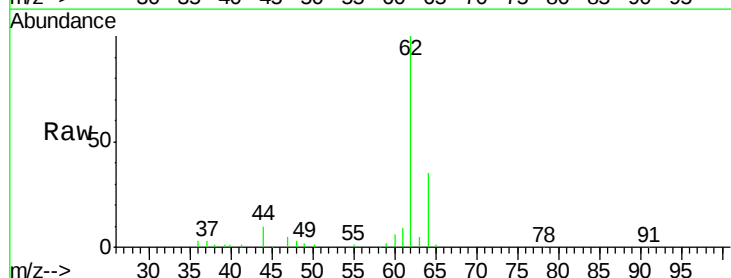
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

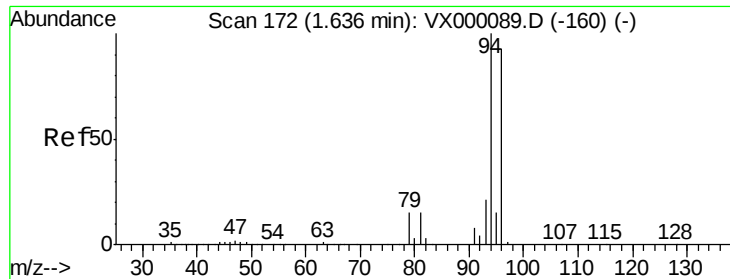
Tgt Ion: 50 Resp: 23312
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.9 38.9



#4
 Vinyl Chloride
 Concen: 20.21 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 62 Resp: 29229
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.6 37.0





#5

Bromomethane

Concen: 20.99 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

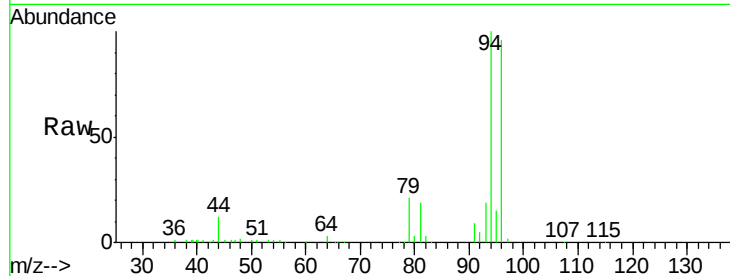
VX0228WBSD01

Tgt Ion: 94 Resp: 25621

Ion Ratio Lower Upper

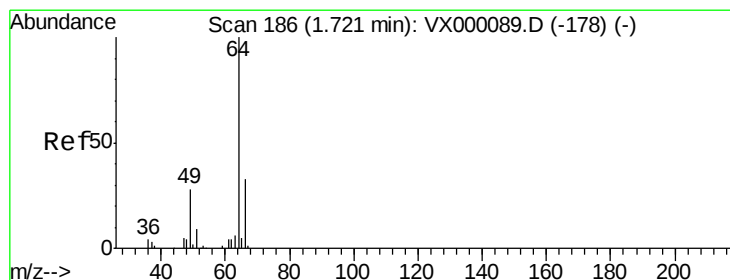
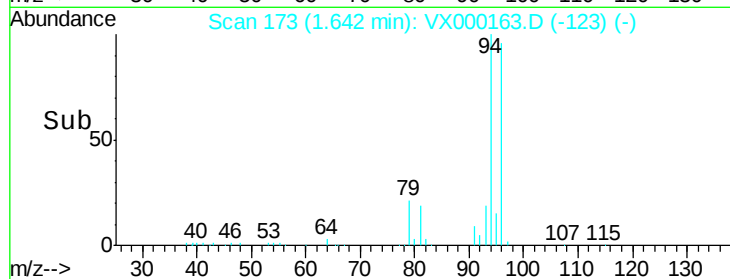
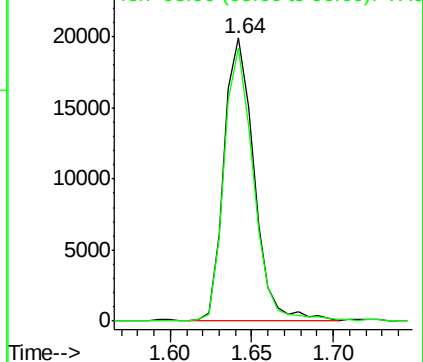
94 100

96 96.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.17 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000163.D

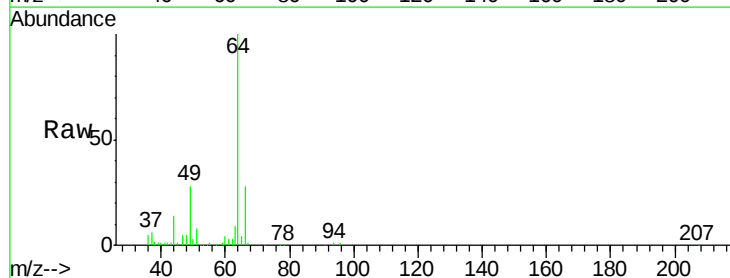
Acq: 28 Feb 2018 12:53

Tgt Ion: 64 Resp: 20569

Ion Ratio Lower Upper

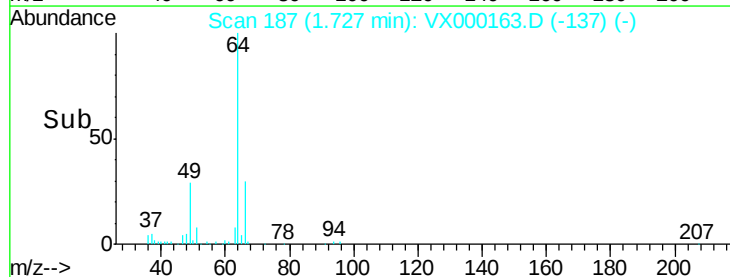
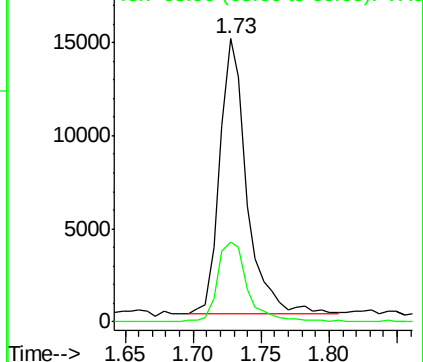
64 100

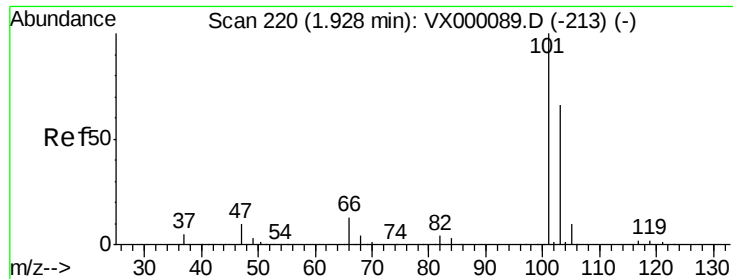
66 28.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



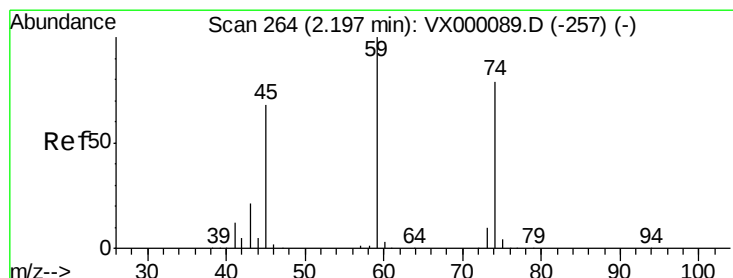
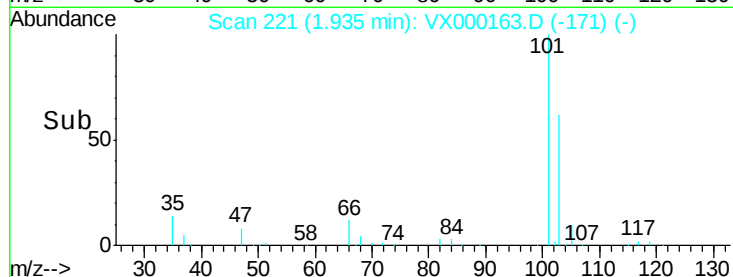
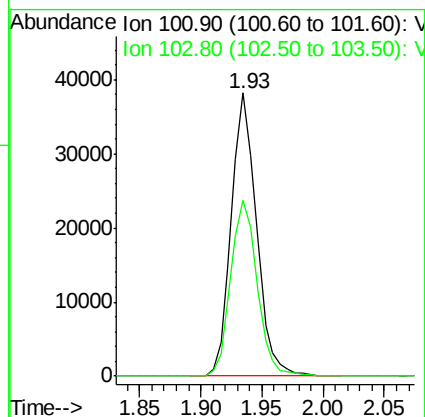
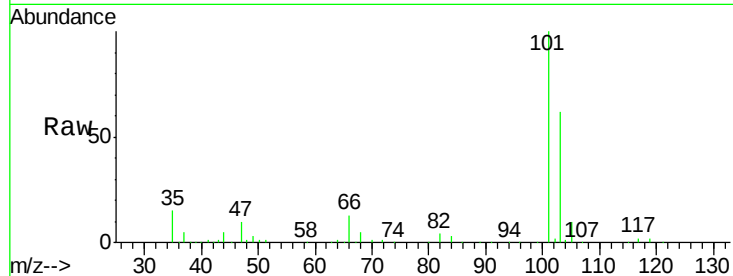


#7

Trichlorofluoromethane
 Concen: 21.07 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

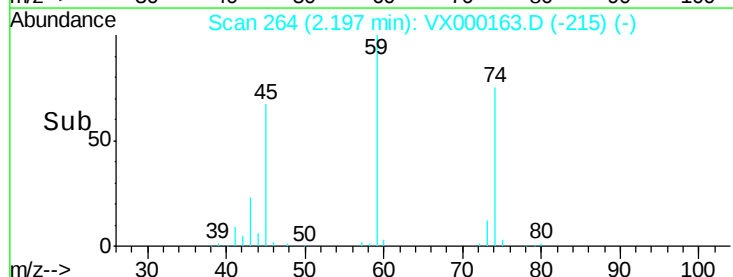
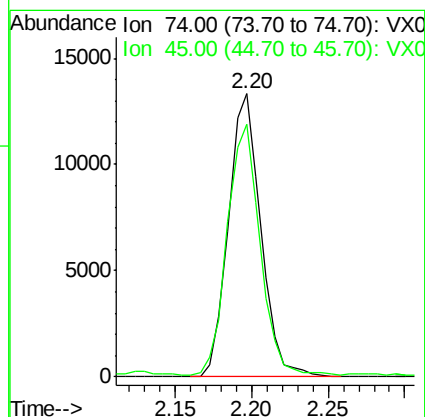
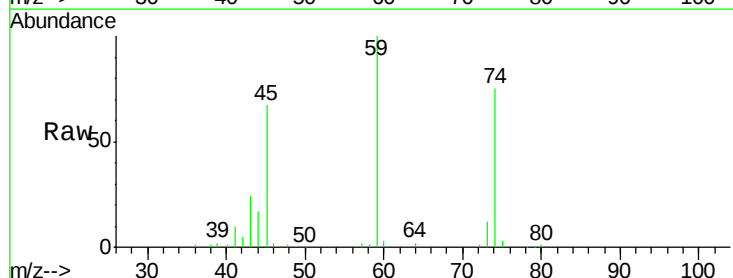
Tgt Ion:101 Resp: 54500
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.7 79.1

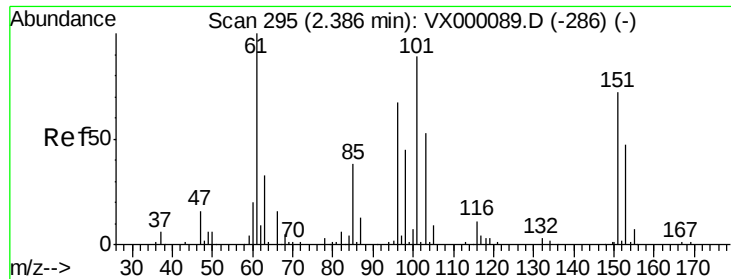


#8

Diethyl Ether
 Concen: 21.88 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 74 Resp: 19532
 Ion Ratio Lower Upper
 74 100
 45 90.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.46 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

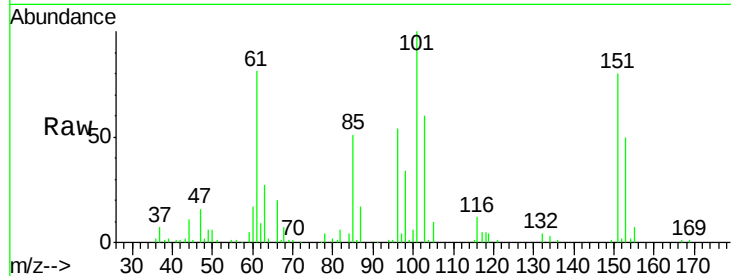
Tgt Ion:101 Resp: 29585

Ion Ratio Lower Upper

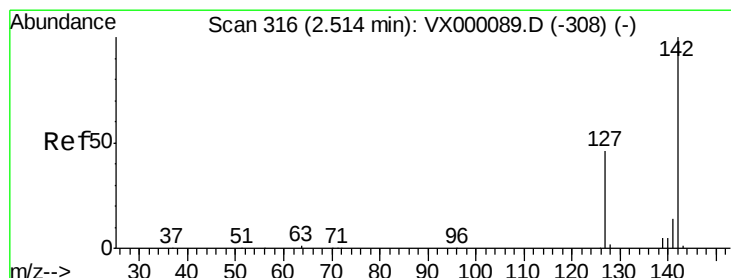
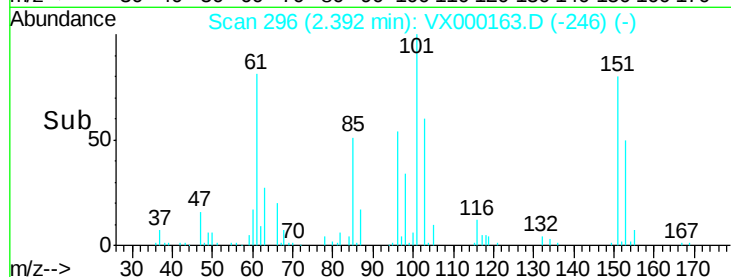
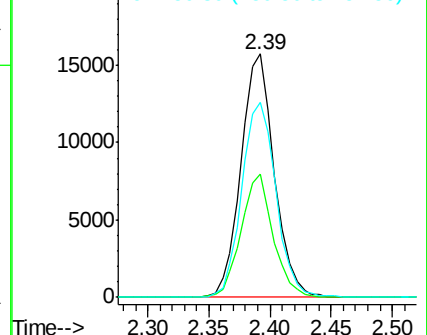
101 100

85 48.8 36.7 55.1

151 83.0 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.18 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

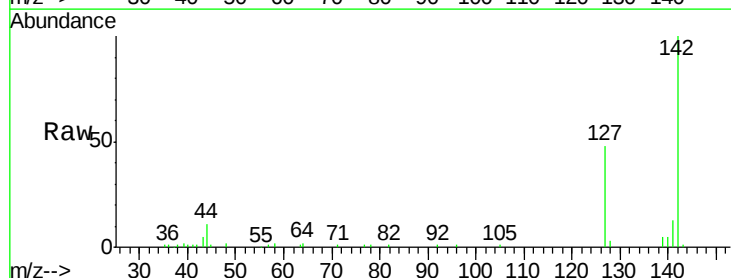
Tgt Ion:142 Resp: 22450

Ion Ratio Lower Upper

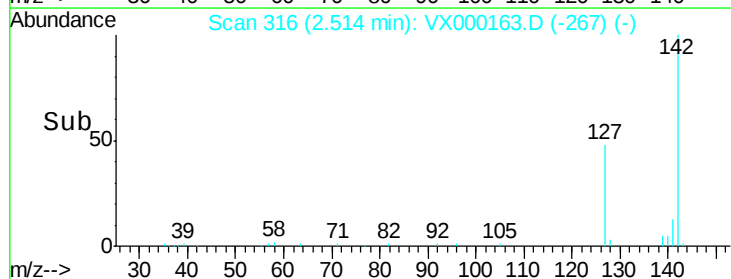
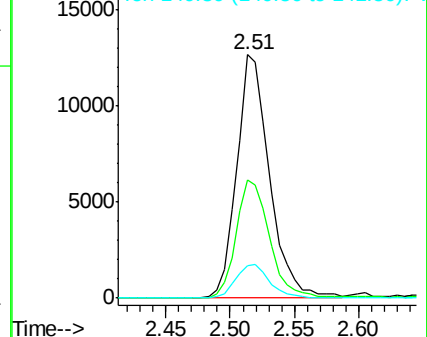
142 100

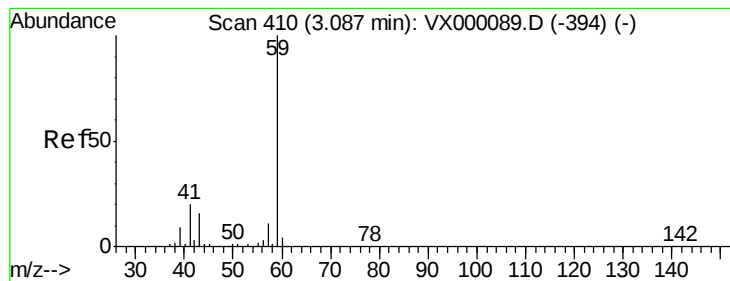
127 48.7 36.8 55.2

141 14.2 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



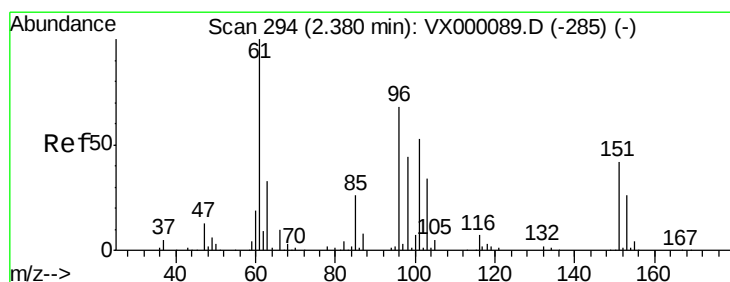
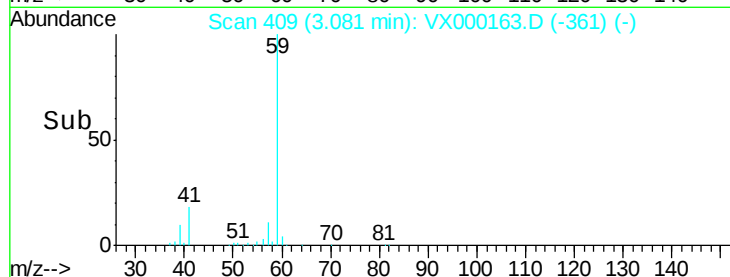
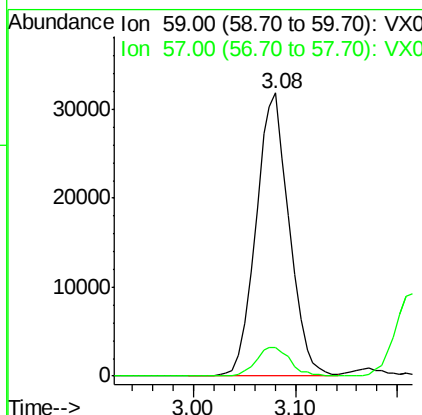
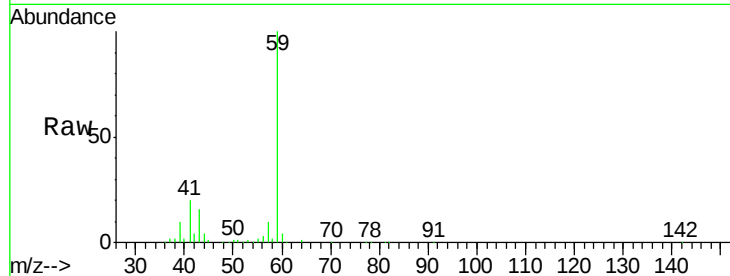


#11

Tert butyl alcohol
 Concen: 116.25 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

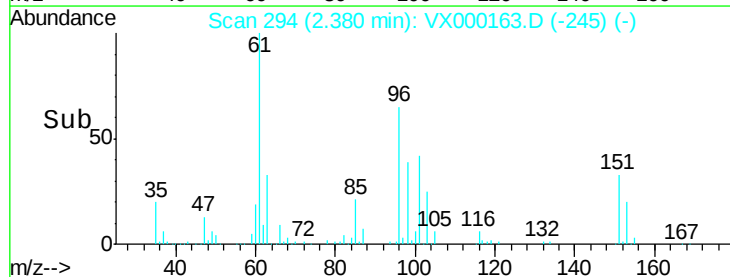
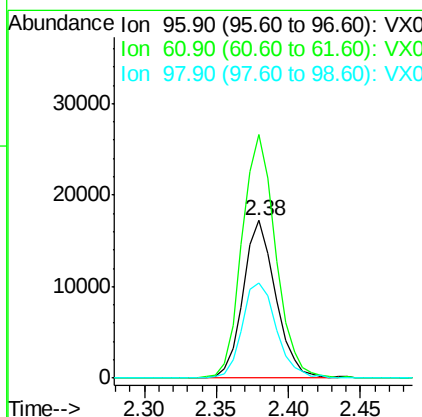
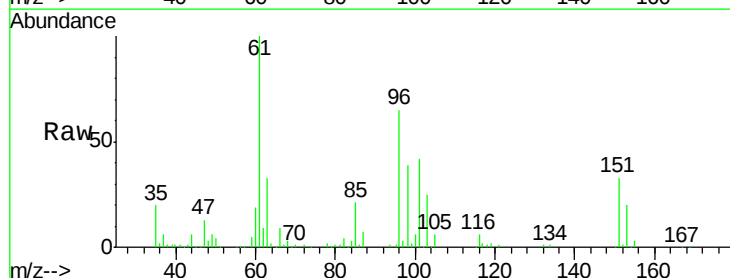
Tgt Ion: 59 Resp: 71932
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

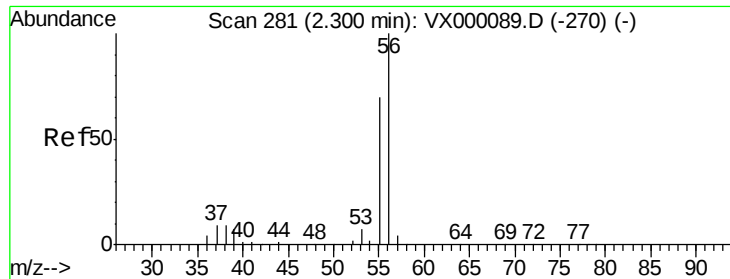


#12

1,1-Dichloroethene
 Concen: 20.06 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 96 Resp: 27015
 Ion Ratio Lower Upper
 96 100
 61 154.6 117.7 176.5
 98 60.5 51.3 76.9





#13

Acrolein

Concen: 28.76 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

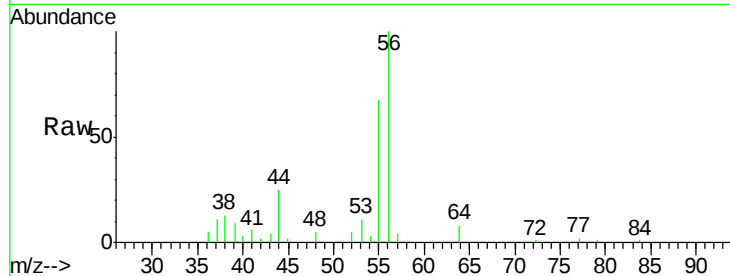
VX0228WBSD01

Tgt Ion: 56 Resp: 8500

Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

6000

5000

4000

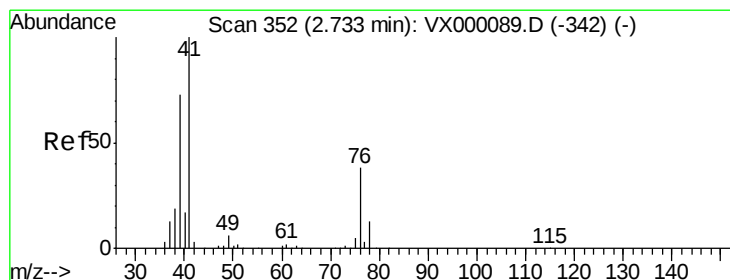
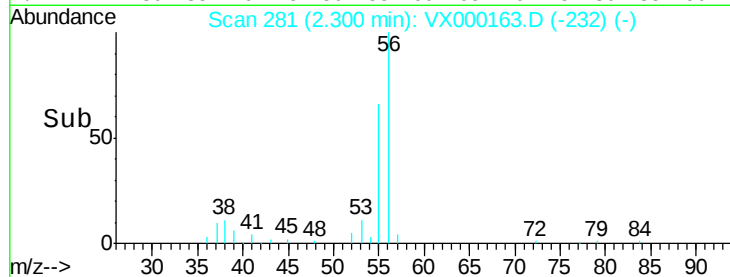
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 22.32 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

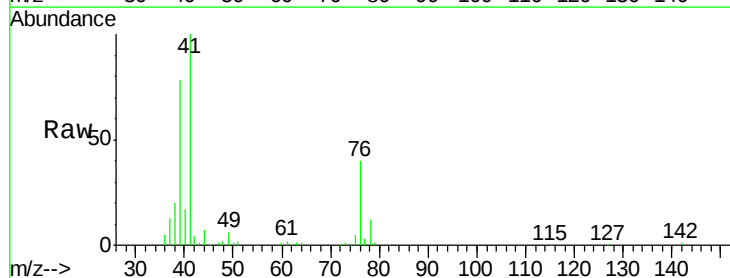
Tgt Ion: 41 Resp: 50315

Ion Ratio Lower Upper

41 100

39 70.6 55.1 82.7

76 33.4 28.5 42.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

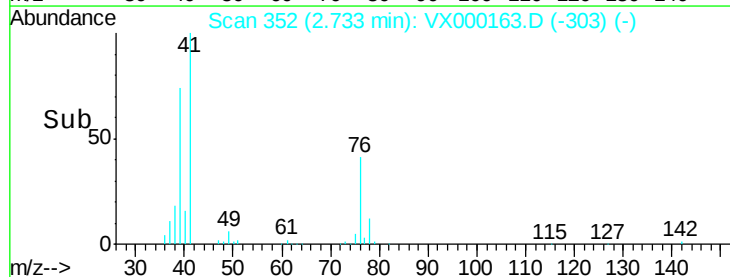
30000

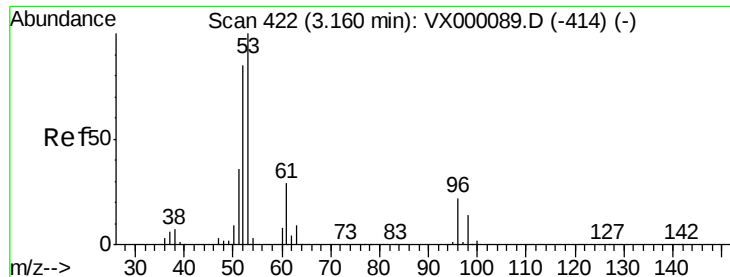
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 115.19 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

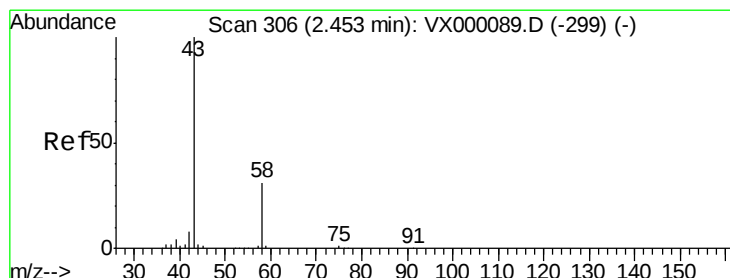
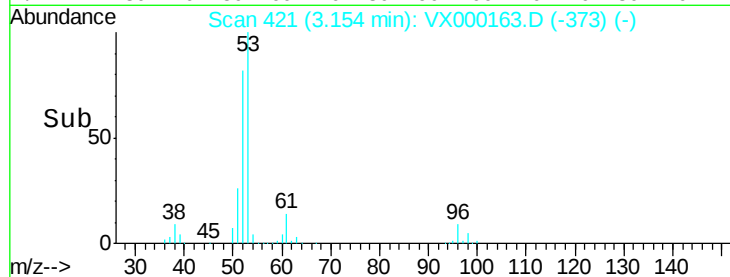
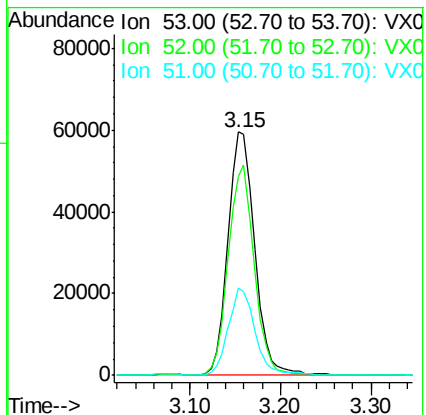
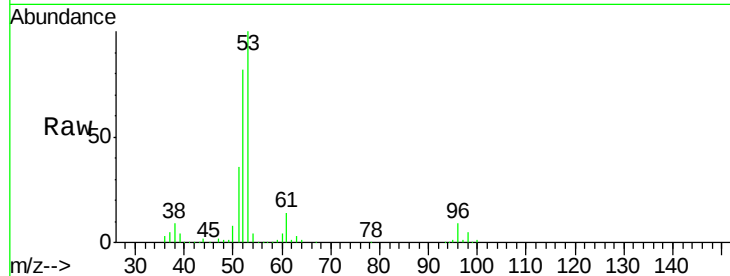
Tgt Ion: 53 Resp: 121723

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 35.8 29.0 43.6



#16

Acetone

Concen: 139.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000163.D

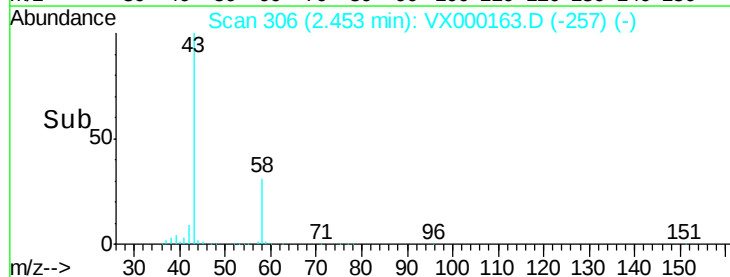
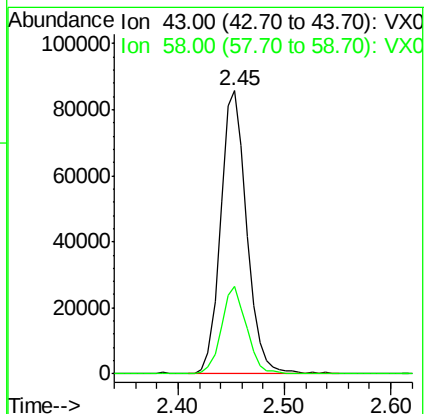
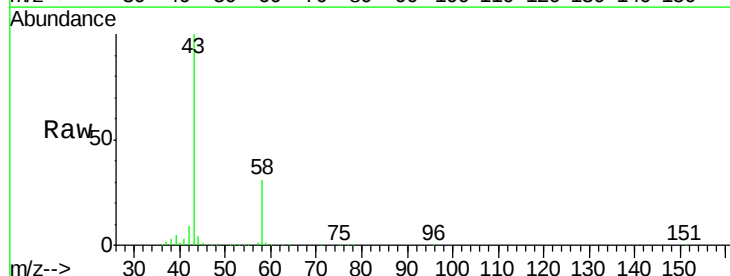
Acq: 28 Feb 2018 12:53

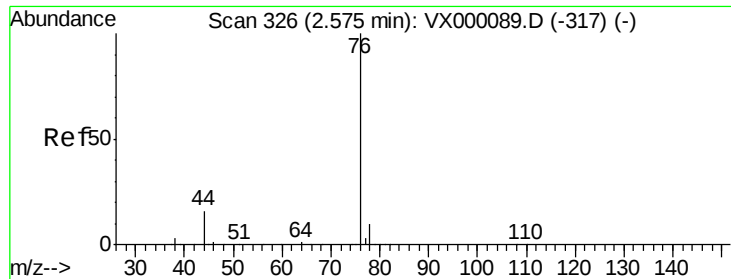
Tgt Ion: 43 Resp: 145788

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.4

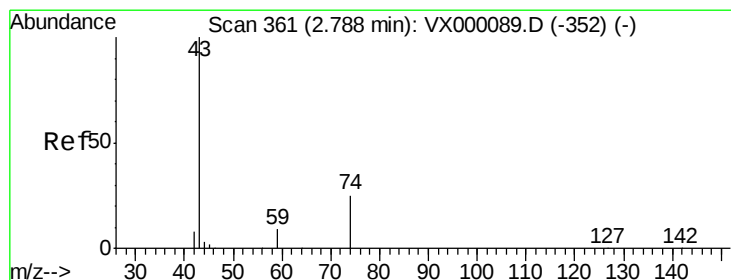
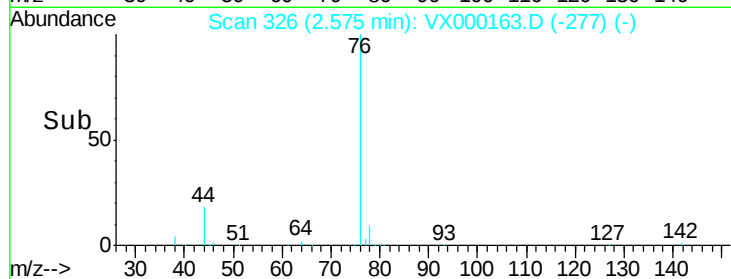
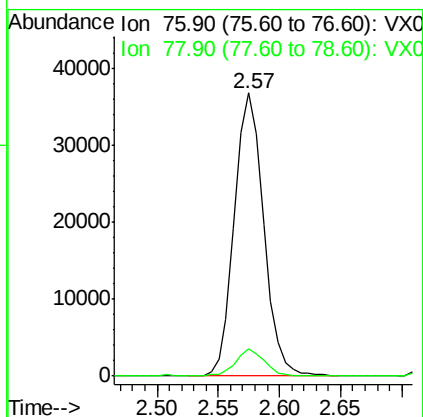
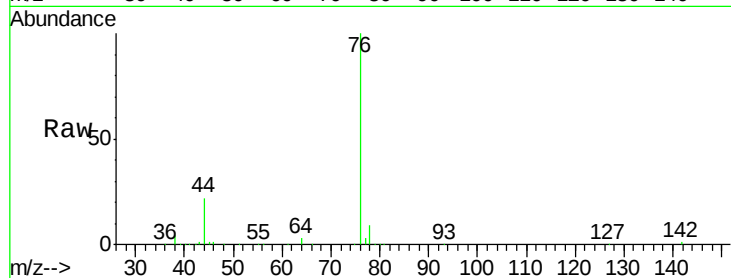




#17
Carbon Disulfide
Concen: 15.49 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

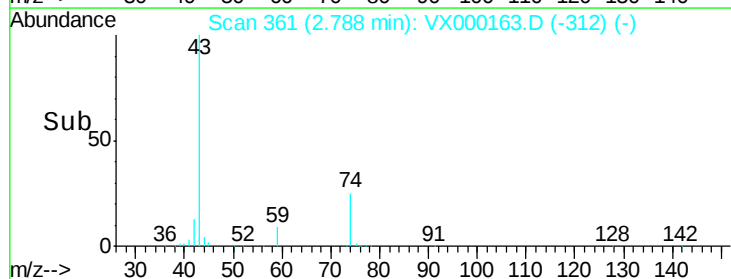
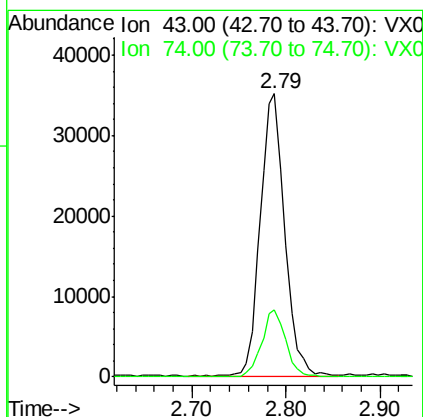
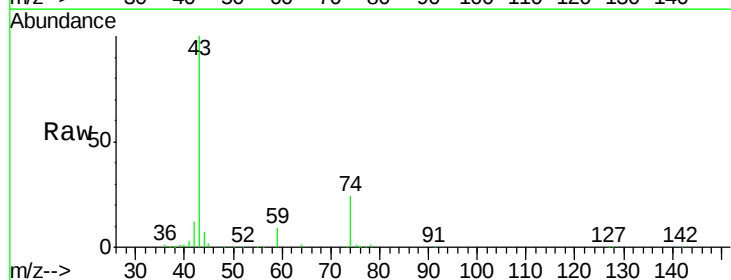
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

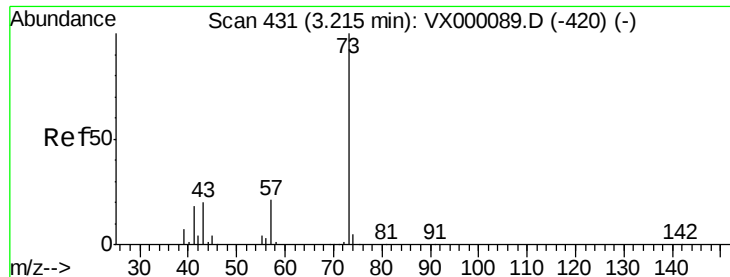
Tgt Ion: 76 Resp: 61396
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 26.25 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 43 Resp: 64111
Ion Ratio Lower Upper
43 100
74 23.3 20.2 30.4

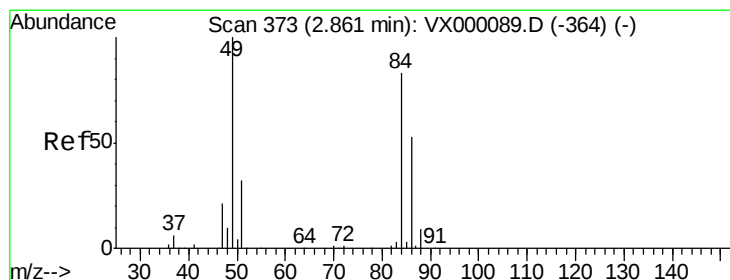
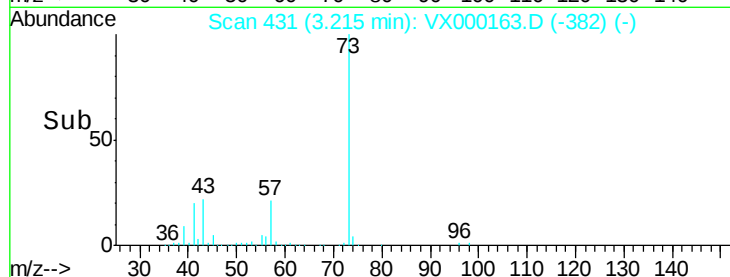
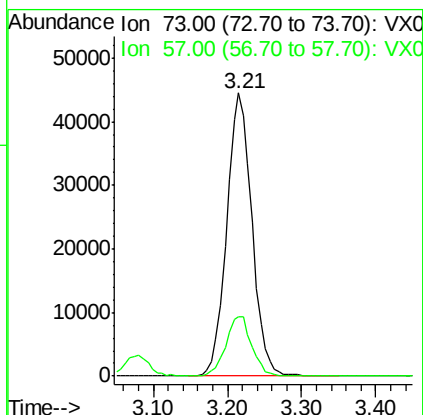
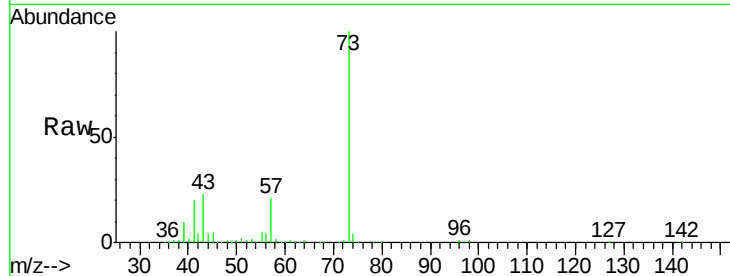




#19
Methyl tert-butyl Ether
Concen: 22.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

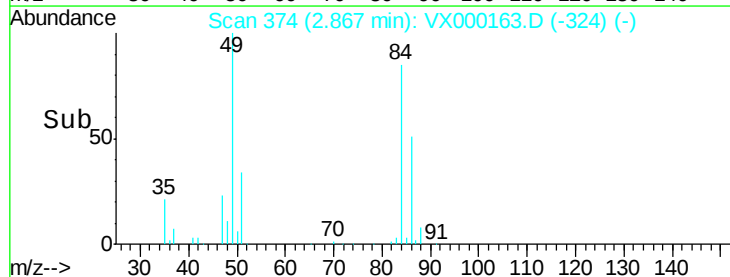
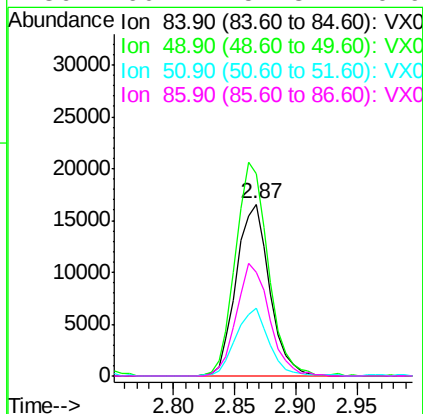
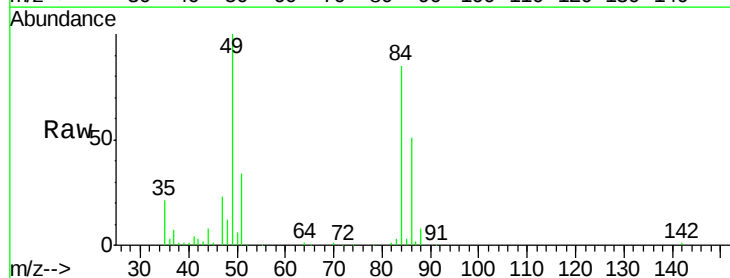
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

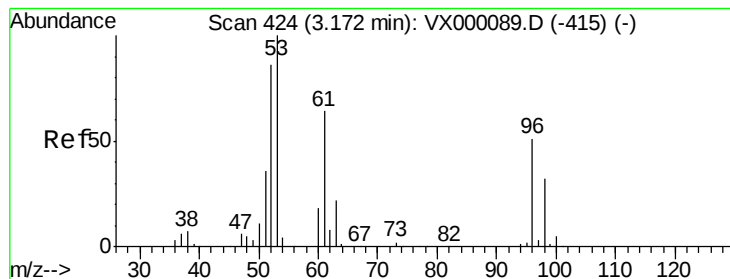
Tgt Ion: 73 Resp: 105199
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6



#20
Methylene Chloride
Concen: 22.73 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 84 Resp: 31341
Ion Ratio Lower Upper
84 100
49 117.6 96.1 144.1
51 39.9 30.5 45.7
86 60.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.88 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

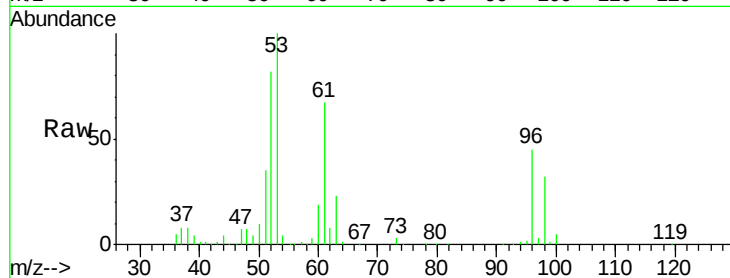
Tgt Ion: 96 Resp: 29018

Ion Ratio Lower Upper

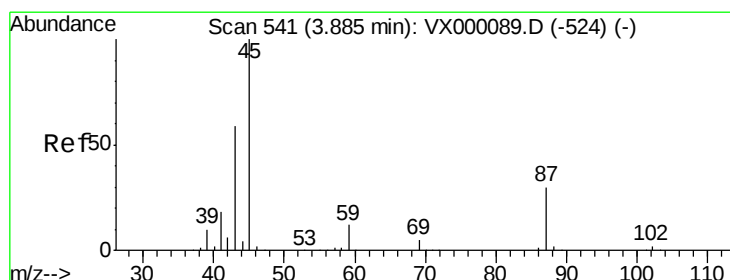
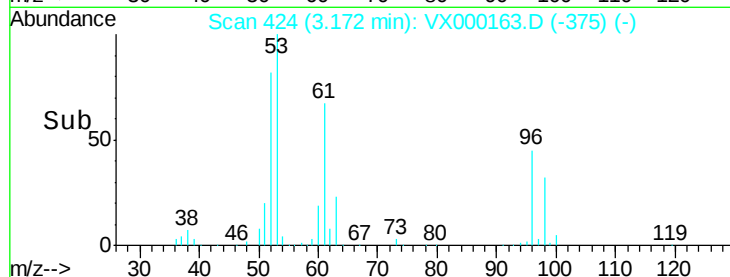
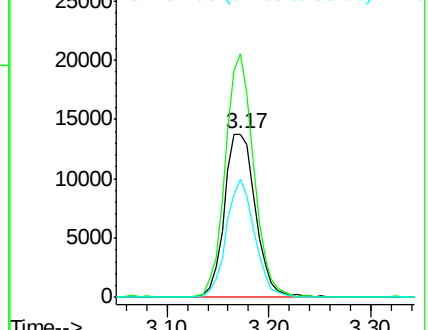
96 100

61 149.2 100.3 150.5

98 72.3 50.6 75.8



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



#22

Diisopropyl ether

Concen: 20.22 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Tgt Ion: 45 Resp: 79657

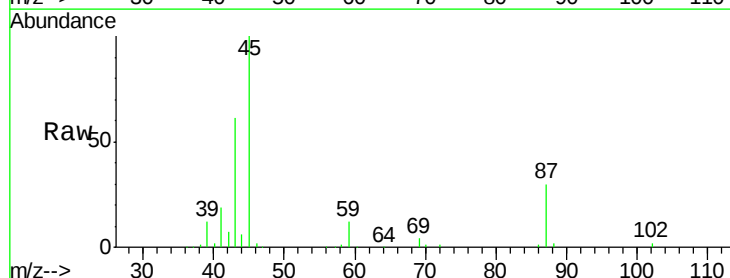
Ion Ratio Lower Upper

45 100

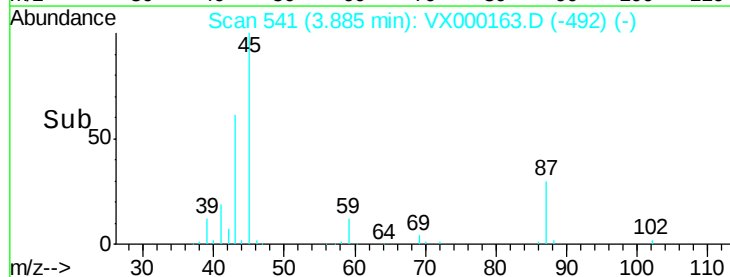
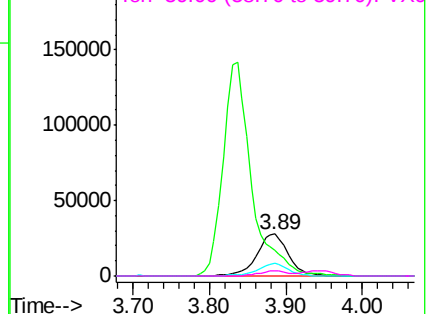
43 60.7 47.4 71.2

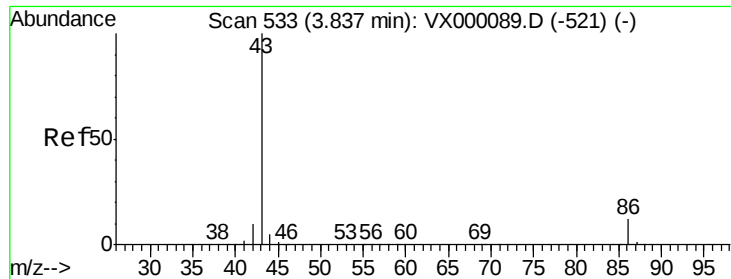
87 30.0 24.2 36.2

59 12.2 9.2 13.8



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





#23

Vinyl Acetate

Concen: 100.41 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

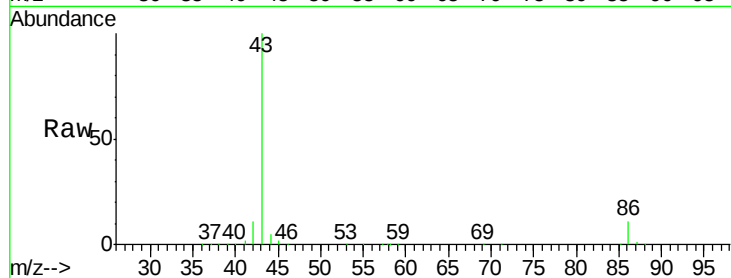
VX0228WBSD01

Tgt Ion: 43 Resp: 367531

Ion Ratio Lower Upper

43 100

86 11.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

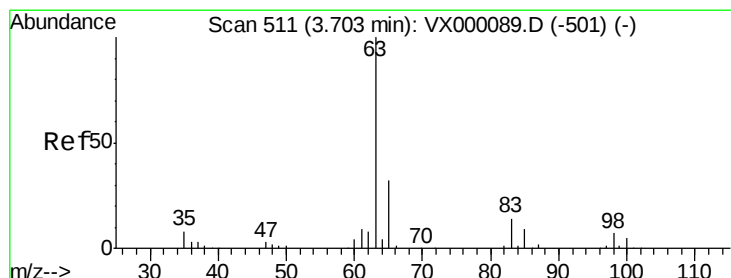
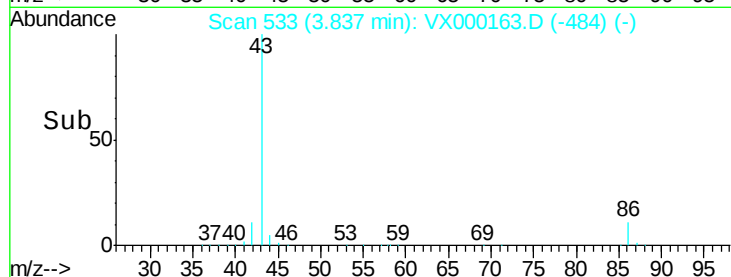
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.35 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

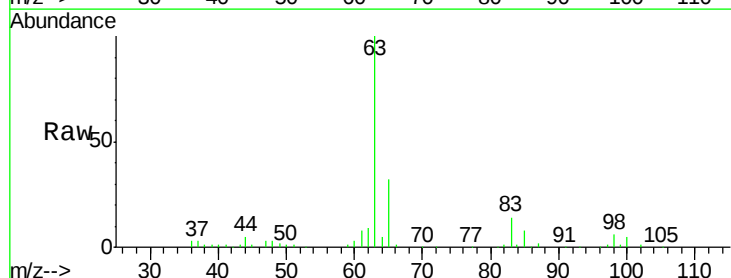
Tgt Ion: 63 Resp: 54497

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

25000

20000

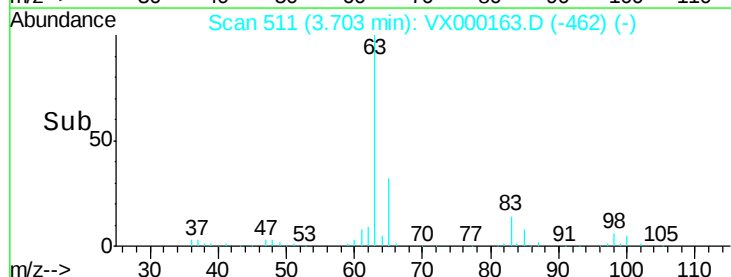
15000

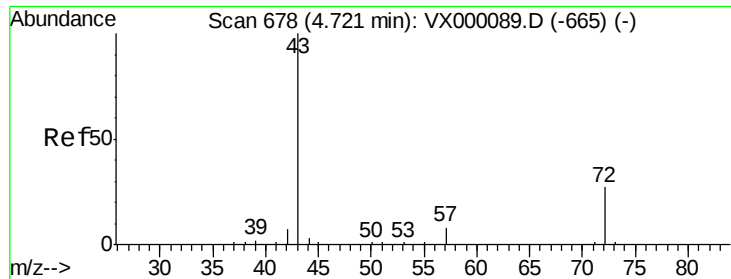
10000

5000

0

Time-->





#25

2-Butanone

Concen: 117.85 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

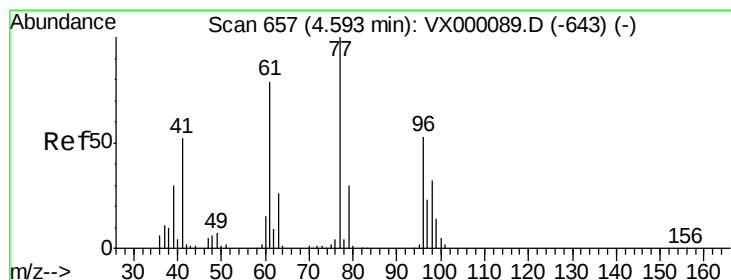
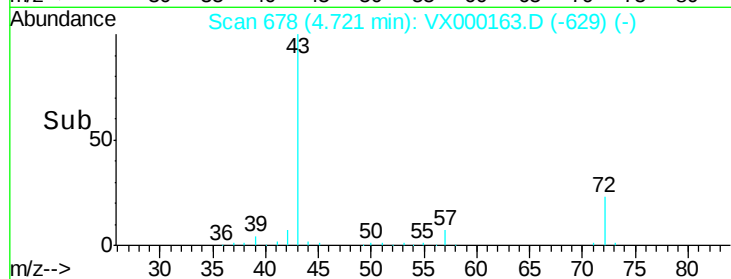
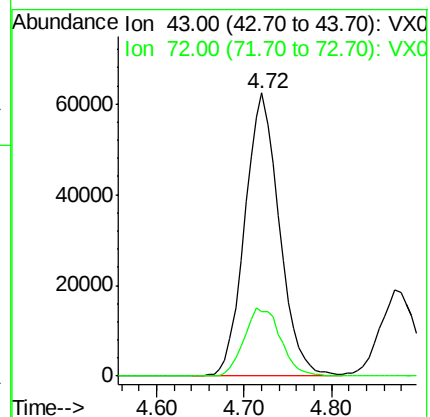
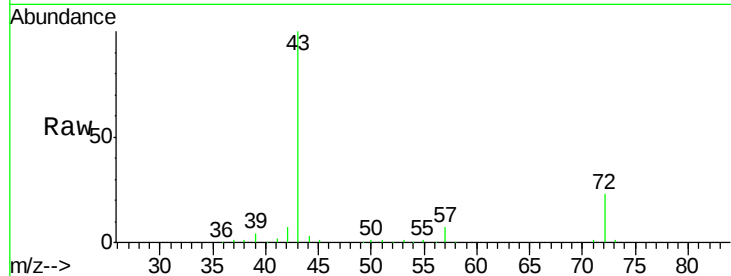
VX0228WBSD01

Tgt Ion: 43 Resp: 171334

Ion Ratio Lower Upper

43 100

72 22.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 20.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000163.D

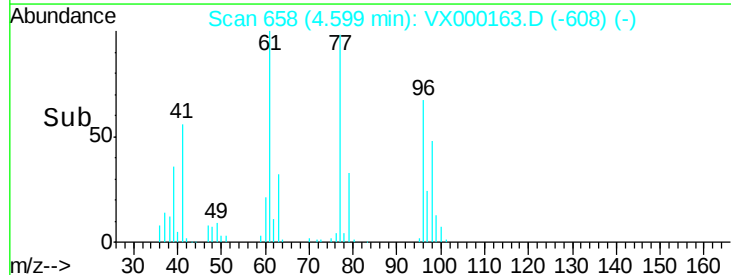
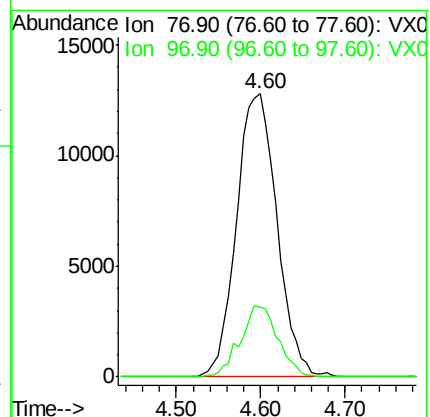
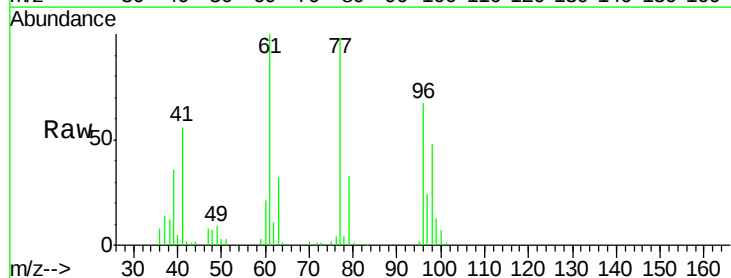
Acq: 28 Feb 2018 12:53

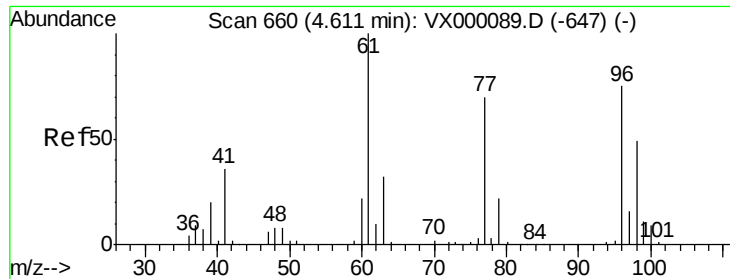
Tgt Ion: 77 Resp: 41638

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.18 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

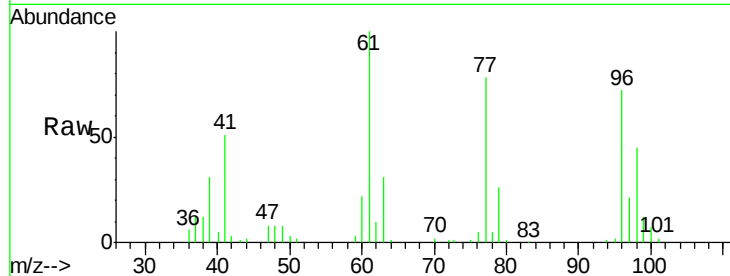
Tgt Ion: 96 Resp: 29452

Ion Ratio Lower Upper

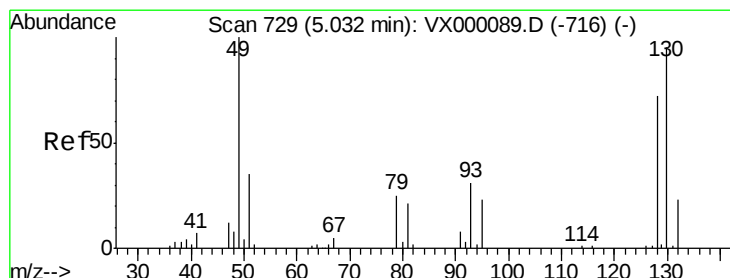
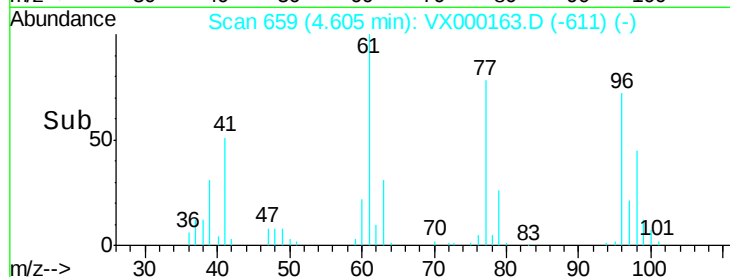
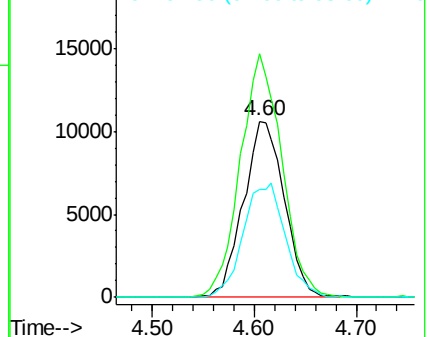
96 100

61 140.8 0.0 285.6

98 66.8 0.0 131.8



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



#28

Bromochloromethane

Concen: 23.48 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

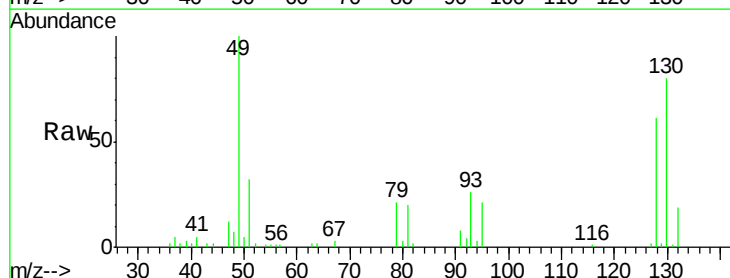
Tgt Ion: 49 Resp: 24568

Ion Ratio Lower Upper

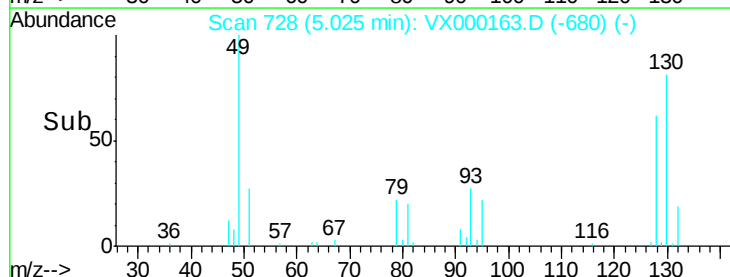
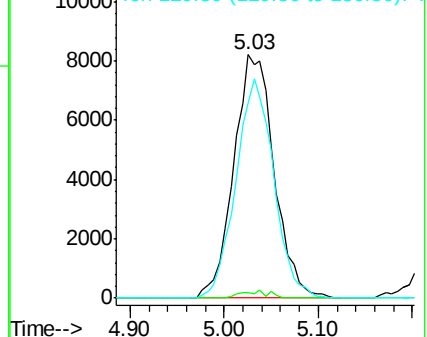
49 100

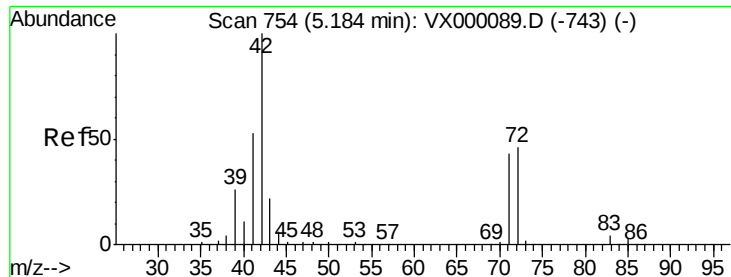
129 1.0 0.0 5.0

130 84.8 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

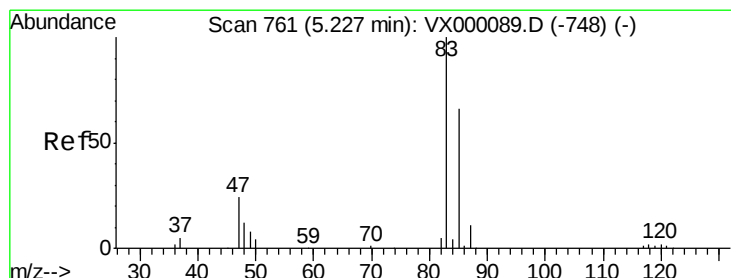
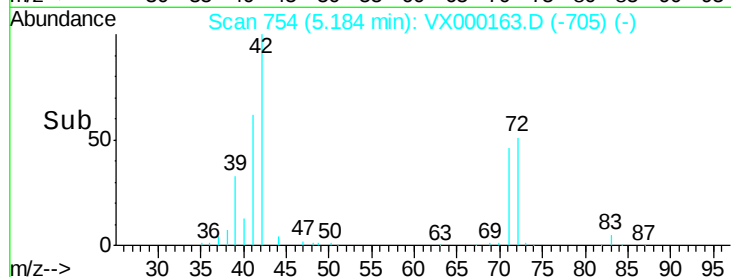
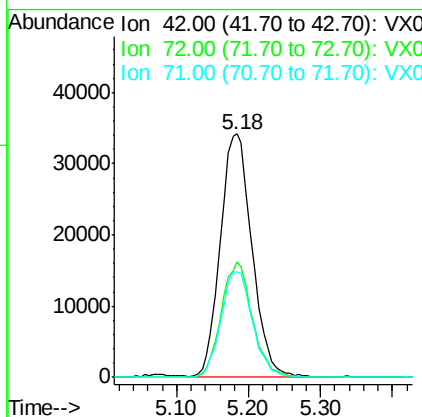
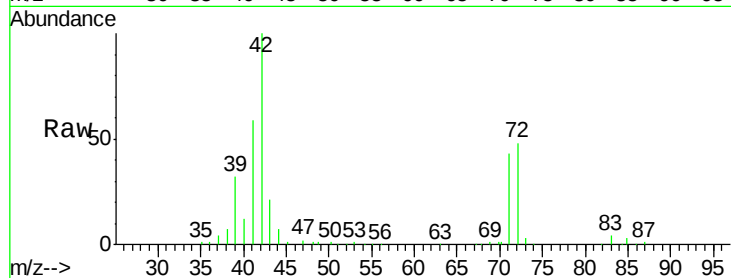




#29
Tetrahydrofuran
Concen: 110.12 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

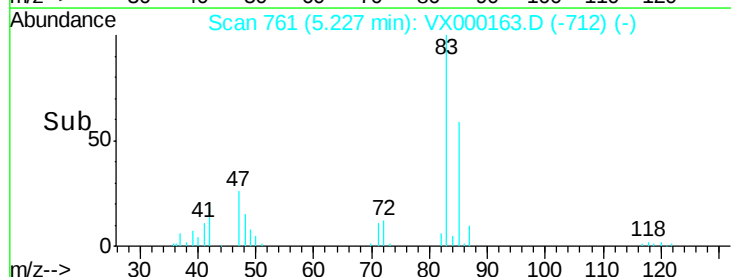
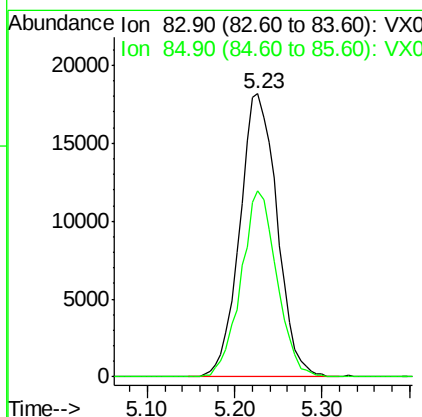
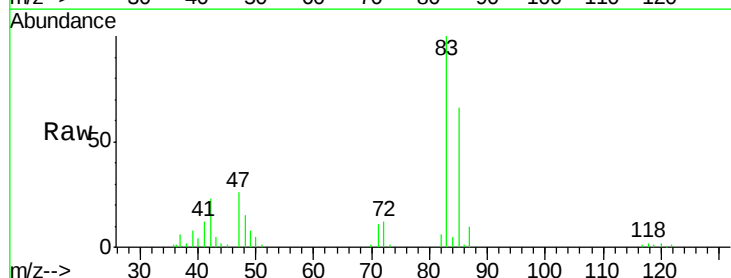
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

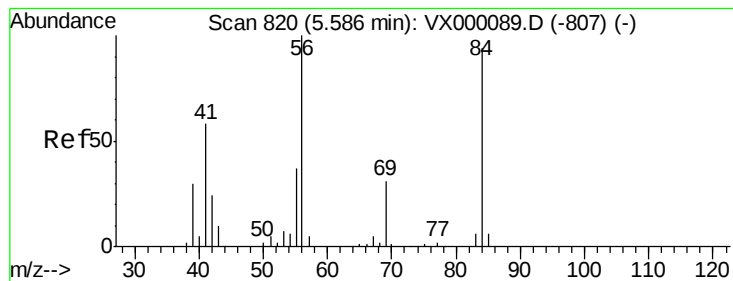
Tgt Ion: 42 Resp: 104256
Ion Ratio Lower Upper
42 100
72 46.5 38.6 58.0
71 43.4 36.2 54.4



#30
Chloroform
Concen: 21.99 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 83 Resp: 54004
Ion Ratio Lower Upper
83 100
85 65.6 52.7 79.1





#31

Cyclohexane

Concen: 18.80 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

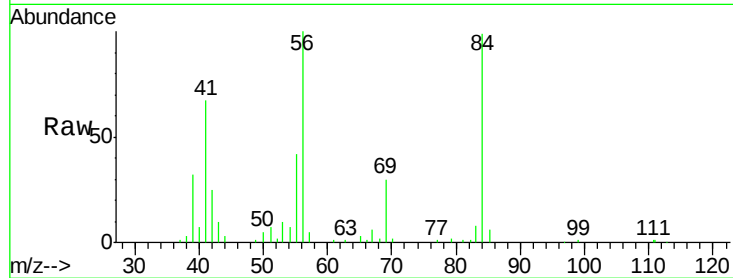
Tgt Ion: 56 Resp: 37723

Ion Ratio Lower Upper

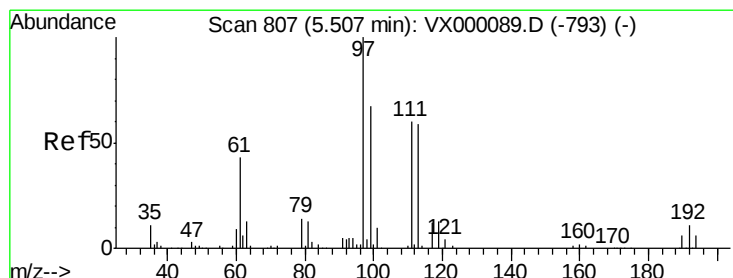
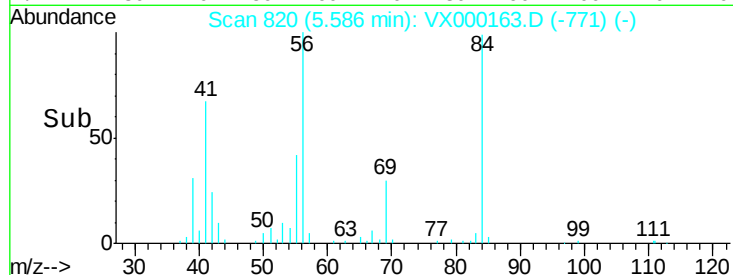
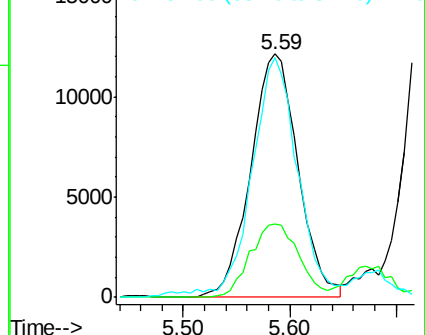
56 100

69 30.1 24.9 37.3

84 96.8 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.47 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

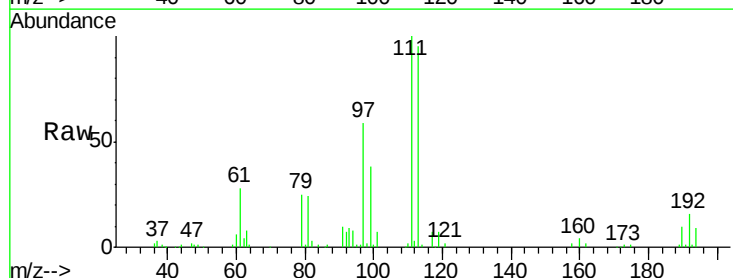
Tgt Ion: 97 Resp: 46262

Ion Ratio Lower Upper

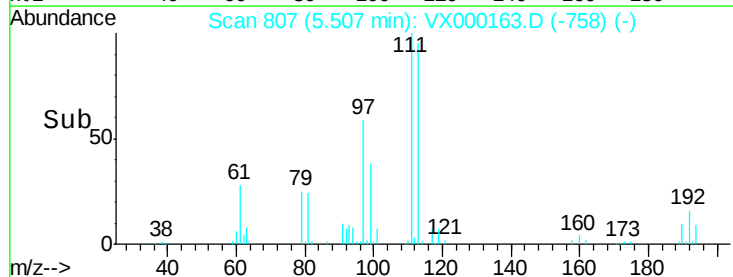
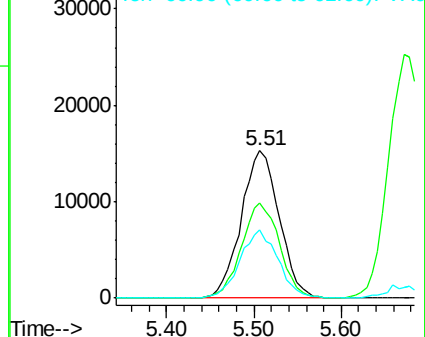
97 100

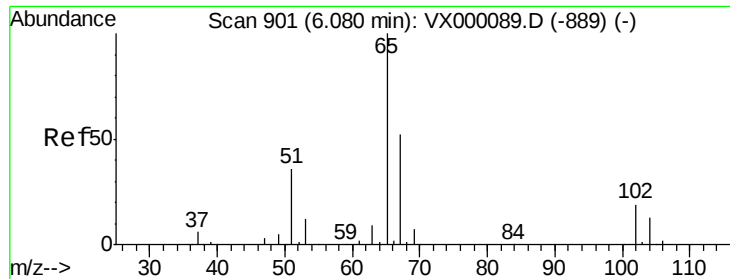
99 64.4 51.1 76.7

61 46.4 33.4 50.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 59.59 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

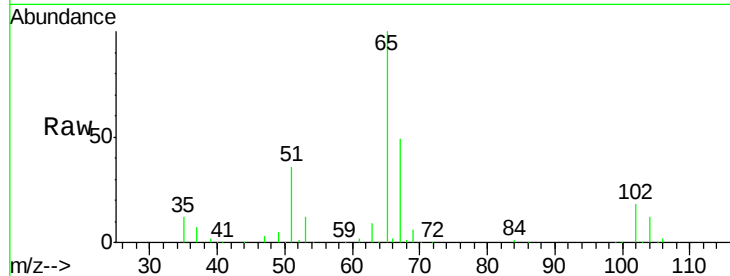
VX0228WBSD01

Tgt Ion: 65 Resp: 95683

Ion Ratio Lower Upper

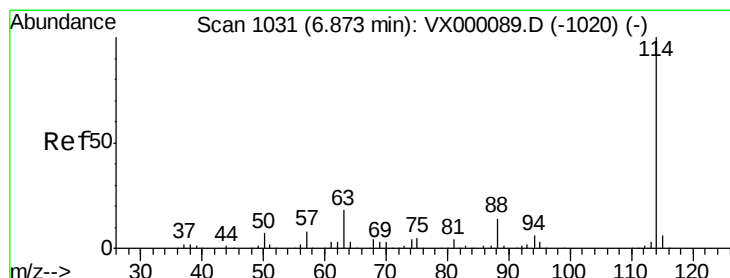
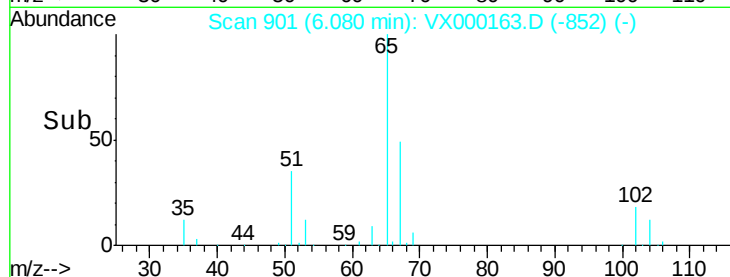
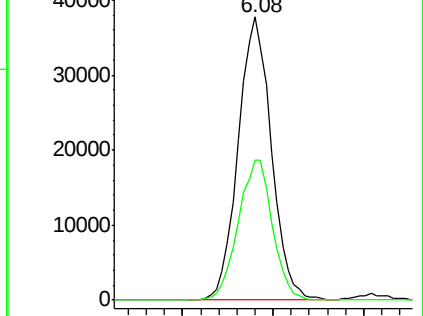
65 100

67 51.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

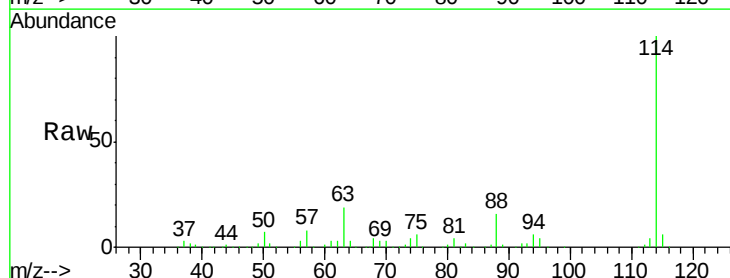
Tgt Ion: 114 Resp: 219305

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

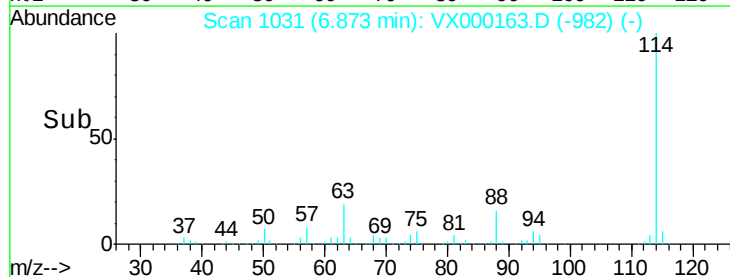
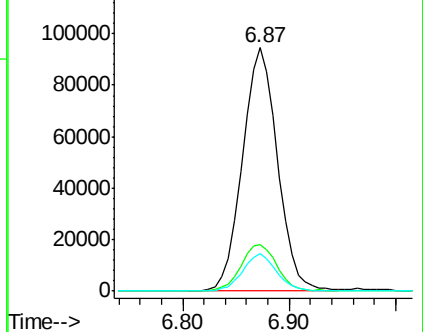
88 15.5 0.0 29.0

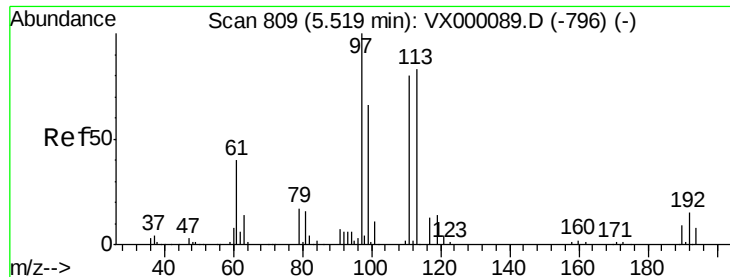


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

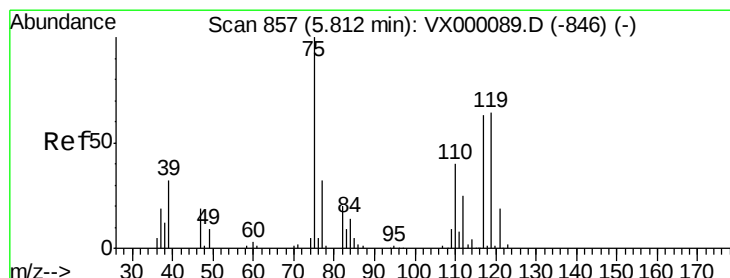
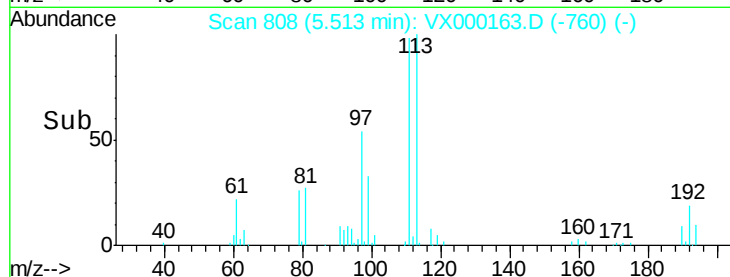
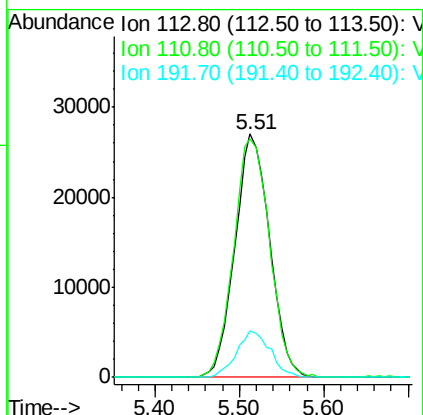
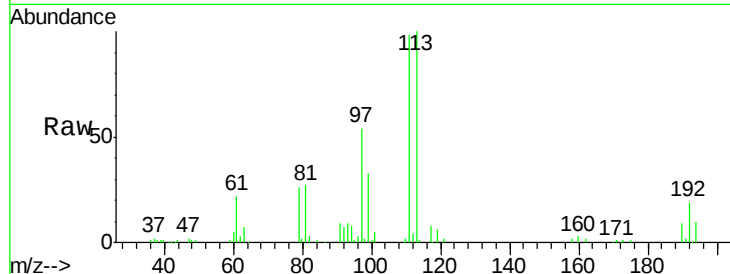




#35
 Dibromofluoromethane
 Concen: 54.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

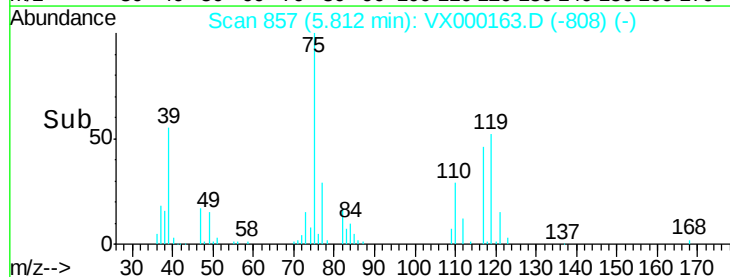
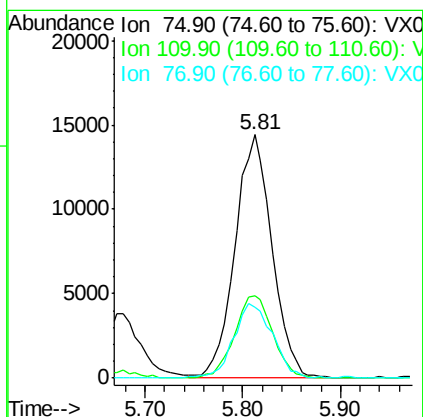
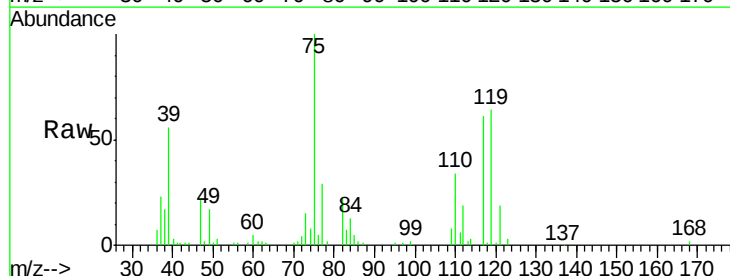
Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBSD01

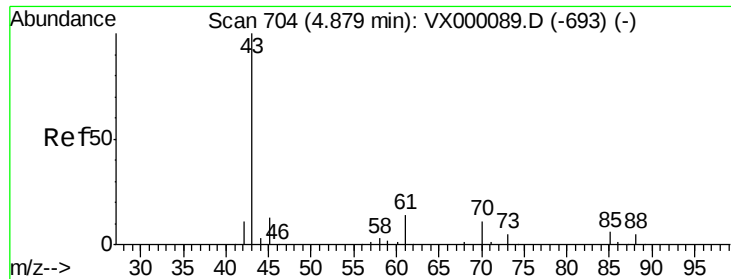
Tgt Ion:113 Resp: 75198
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 18.5 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 19.26 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 75 Resp: 37894
 Ion Ratio Lower Upper
 75 100
 110 34.9 19.5 58.5
 77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 20.21 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

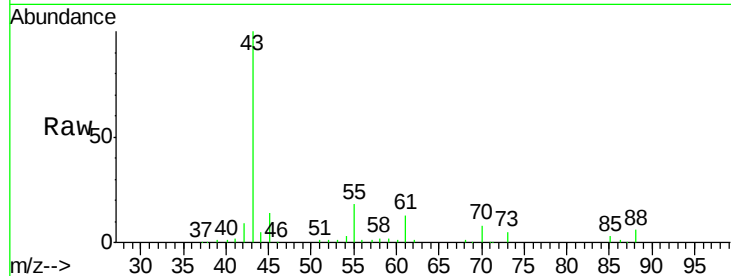
Tgt Ion: 43 Resp: 54652

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

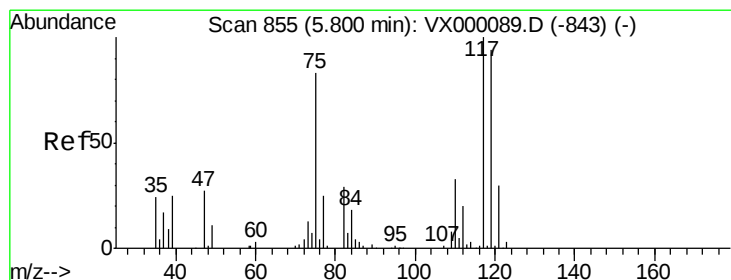
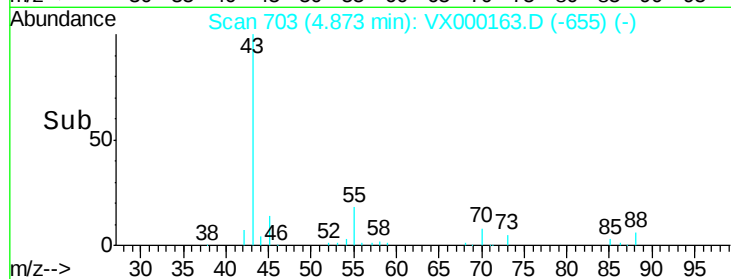
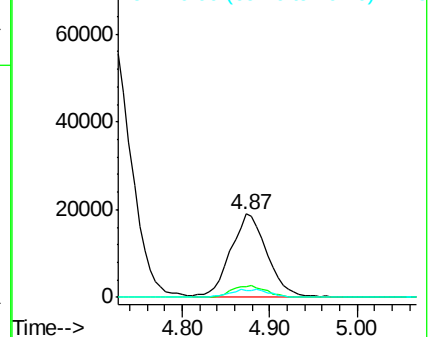
70 10.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.57 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

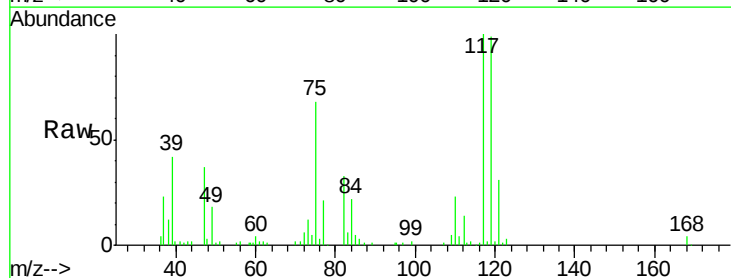
Tgt Ion: 117 Resp: 39481

Ion Ratio Lower Upper

117 100

119 99.3 75.3 112.9

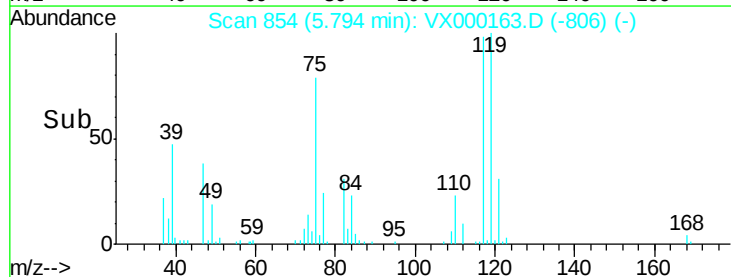
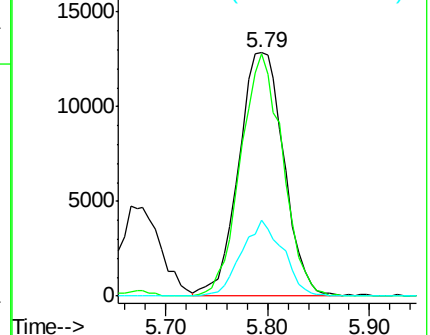
121 31.0 23.7 35.5

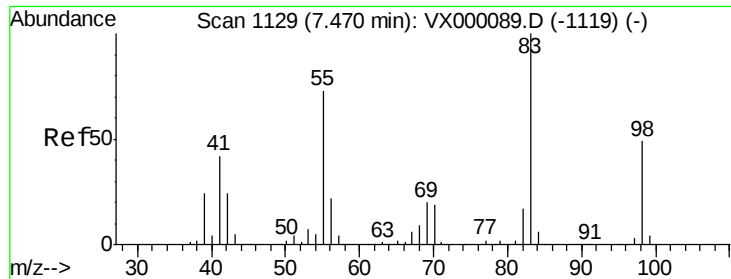


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

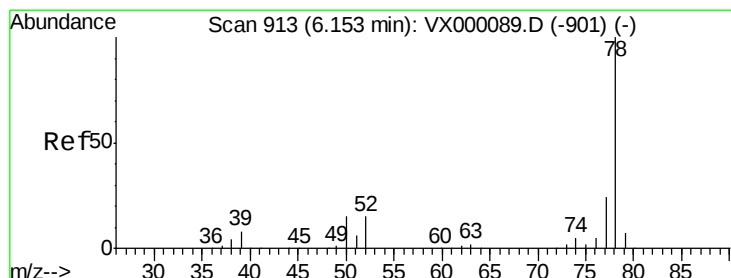
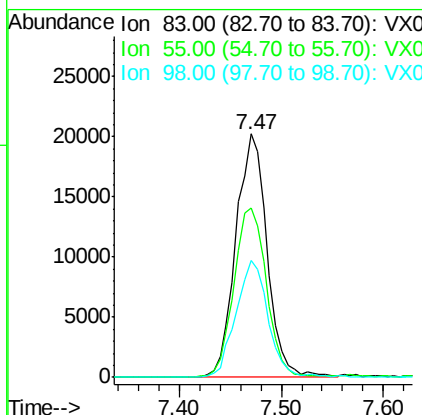
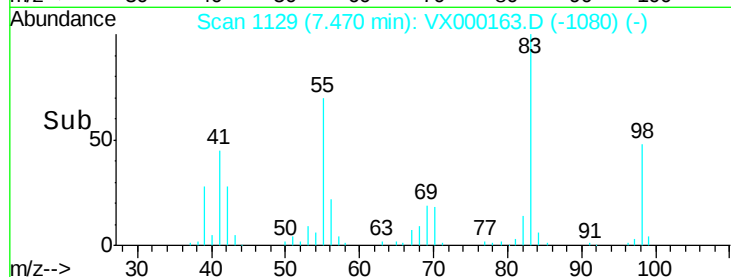
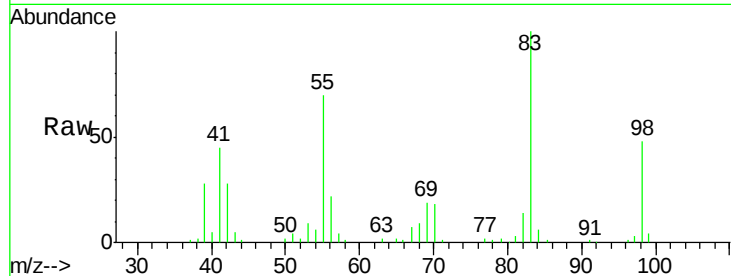




#39
Methylcyclohexane
Concen: 18.18 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

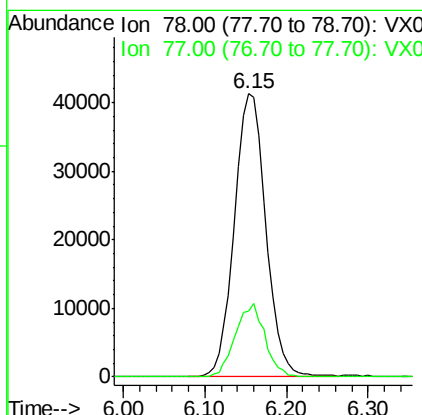
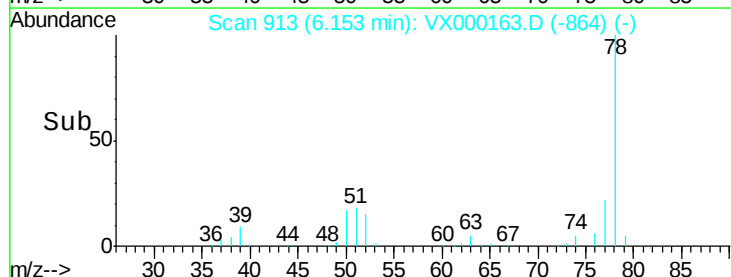
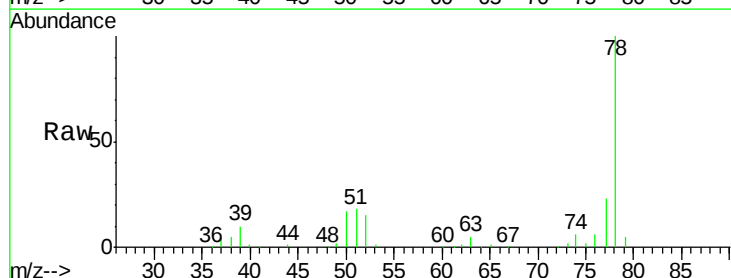
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

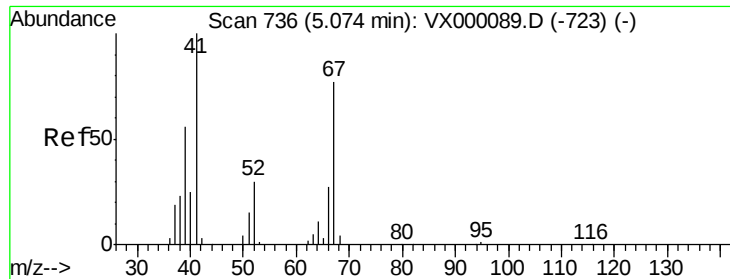
Tgt Ion: 83 Resp: 43077
Ion Ratio Lower Upper
83 100
55 69.7 58.2 87.2
98 47.9 39.0 58.6



#40
Benzene
Concen: 19.63 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 78 Resp: 110359
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

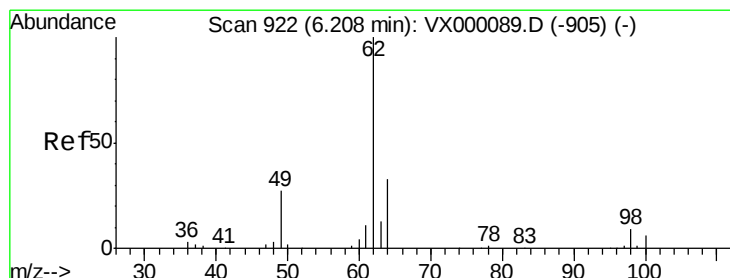
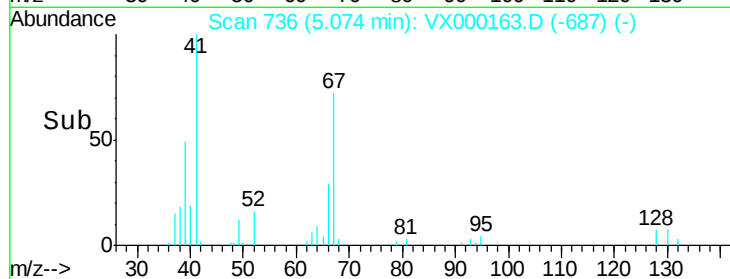
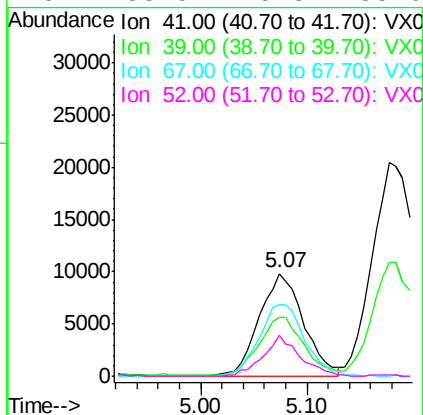
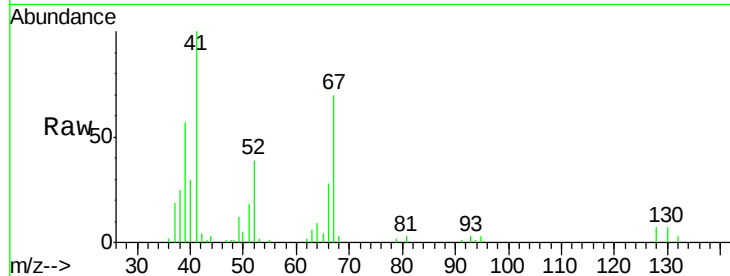




#41
Methacrylonitrile
Concen: 21.65 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

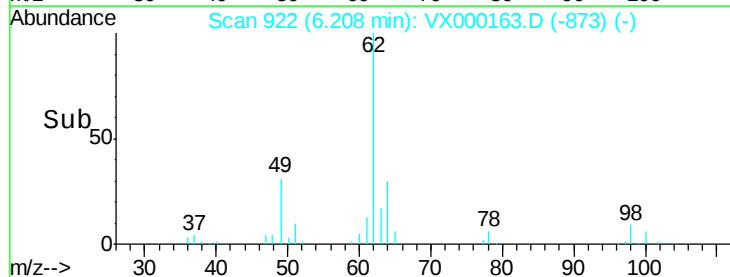
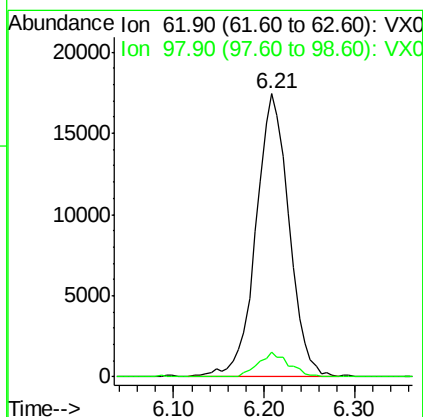
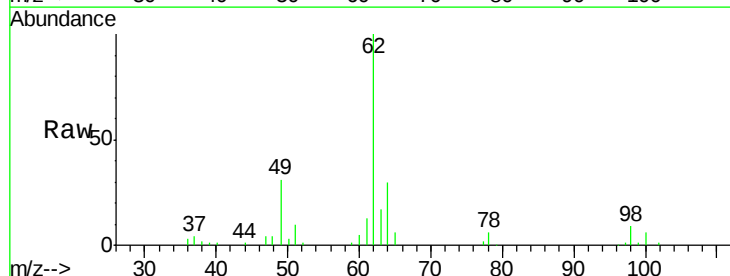
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

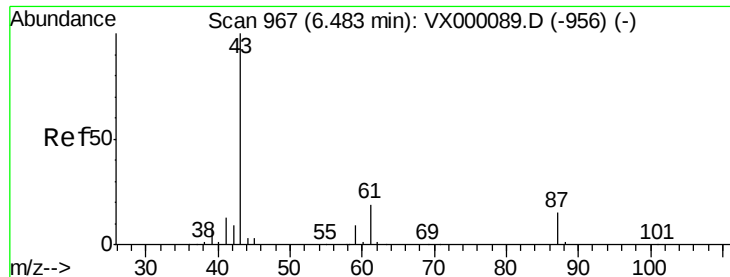
Tgt Ion:	41	Resp:	28479
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.1	67.7
67	72.6	61.0	91.4
52	33.5	25.8	38.6



#42
1,2-Dichloroethane
Concen: 21.40 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion:	62	Resp:	44157
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.8



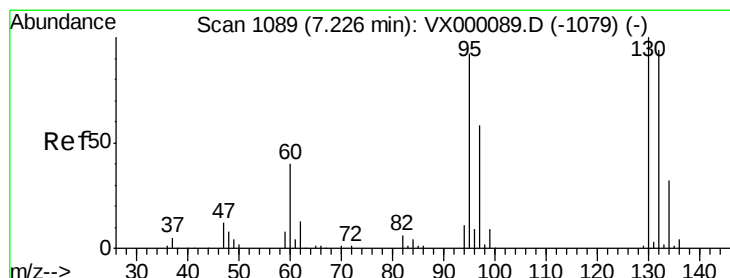
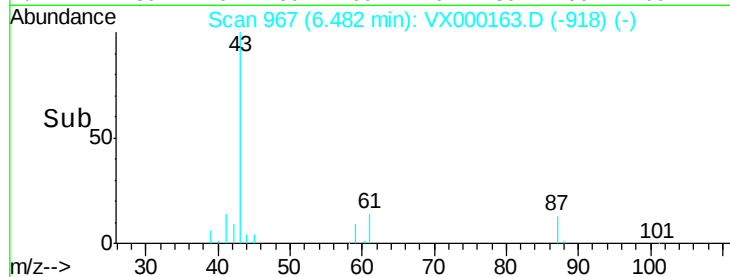
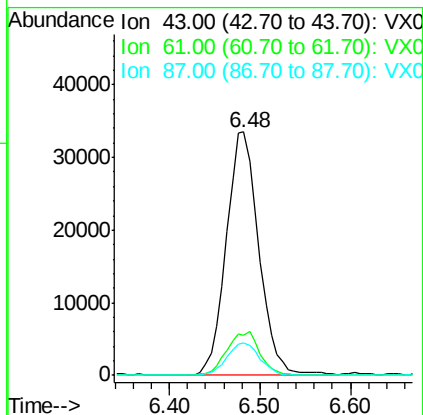
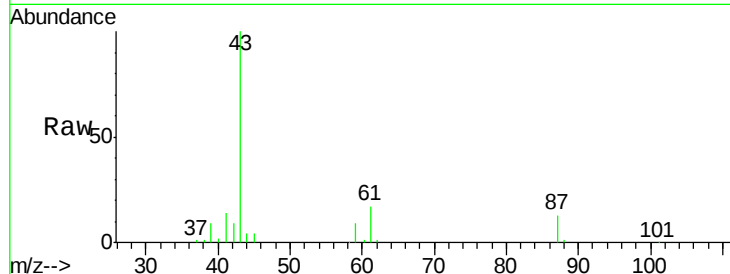


#43

Isopropyl Acetate
 Concen: 21.53 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

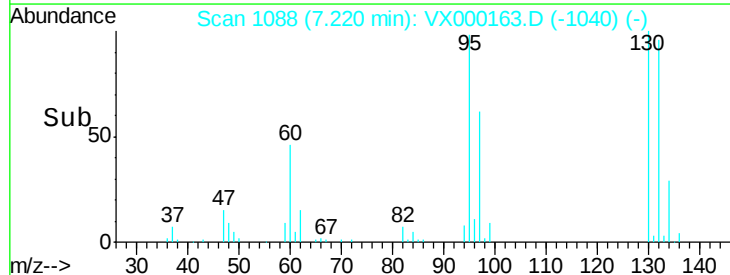
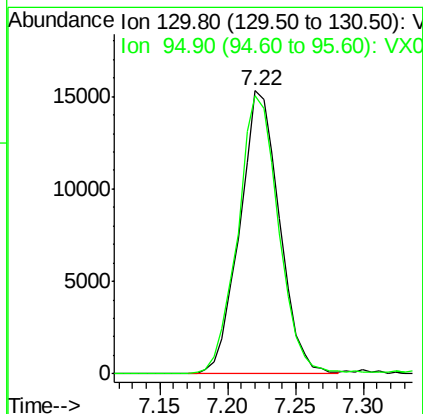
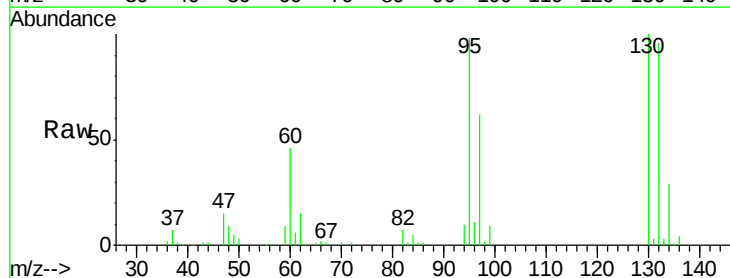
Tgt Ion: 43 Resp: 83959
 Ion Ratio Lower Upper
 43 100
 61 18.1 15.6 23.4
 87 13.4 11.7 17.5

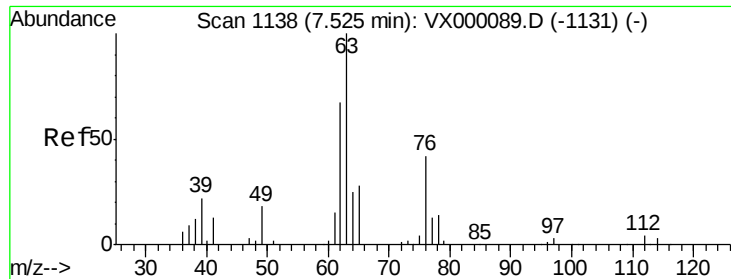


#44

Trichloroethene
 Concen: 18.89 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 130 Resp: 31276
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 183.4

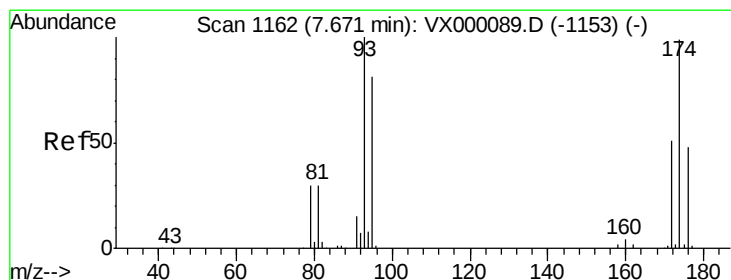
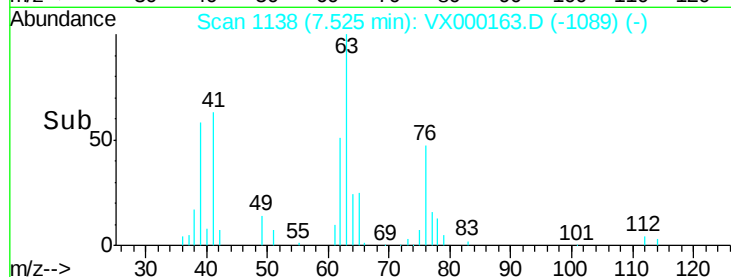
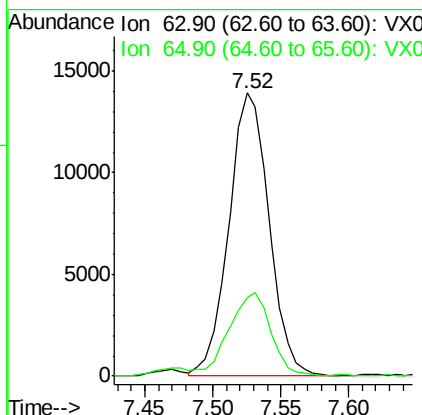
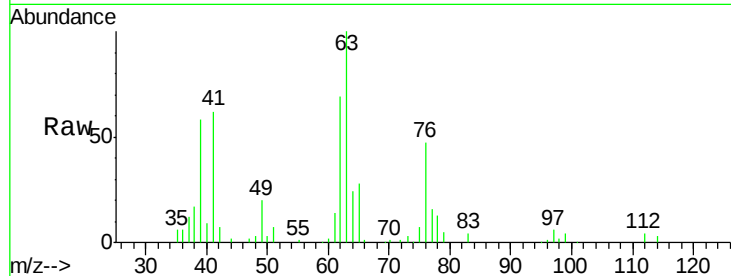




#45
 1,2-Dichloropropane
 Concen: 20.82 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

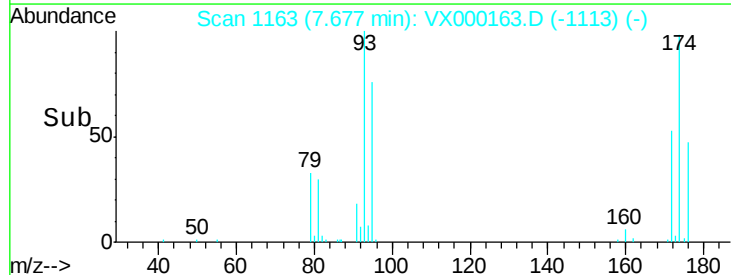
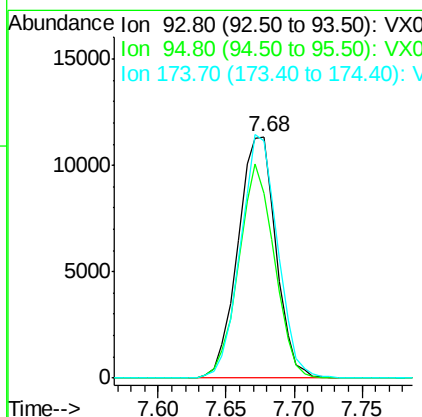
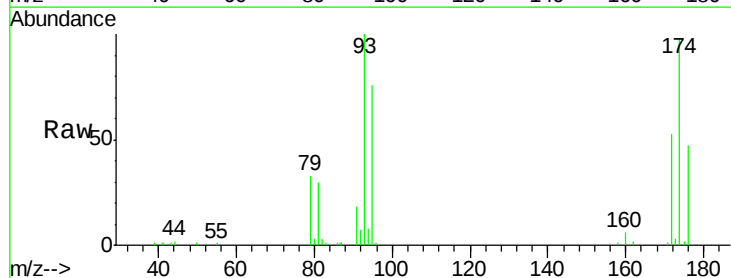
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

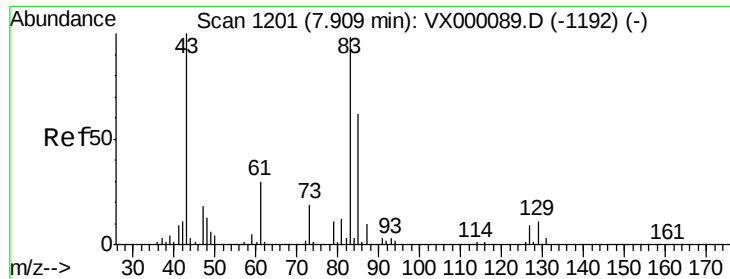
Tgt Ion: 63 Resp: 28689
 Ion Ratio Lower Upper
 63 100
 65 27.1 23.8 35.8



#46
 Dibromomethane
 Concen: 20.68 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 93 Resp: 22237
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.0 97.6
 174 98.2 83.1 124.7





#47

Bromodichloromethane

Concen: 20.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

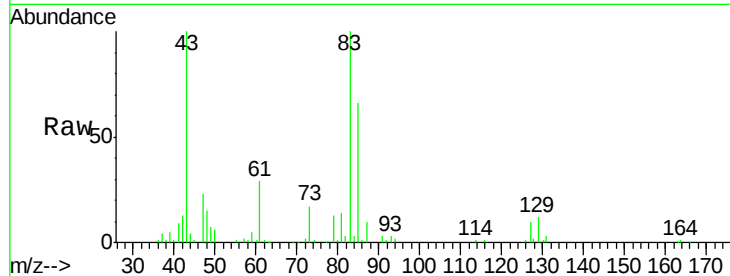
Tgt Ion: 83 Resp: 41076

Ion Ratio Lower Upper

83 100

85 66.4 50.4 75.6

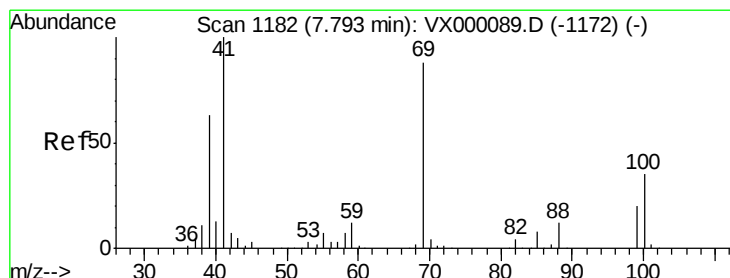
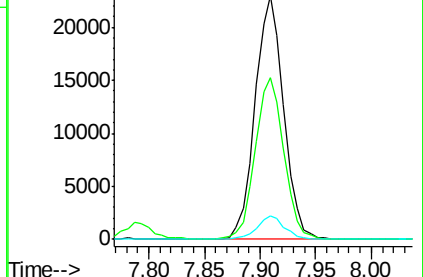
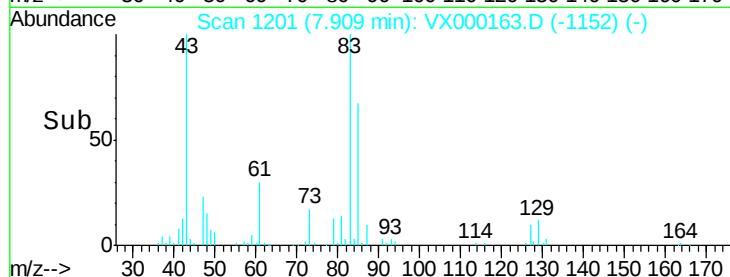
127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.05 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

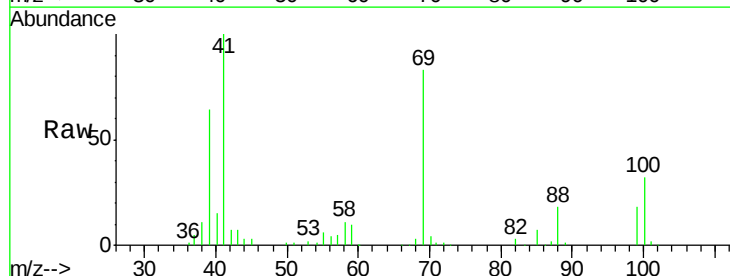
Tgt Ion: 41 Resp: 40240

Ion Ratio Lower Upper

41 100

69 84.3 70.2 105.4

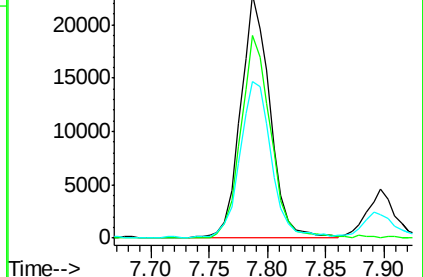
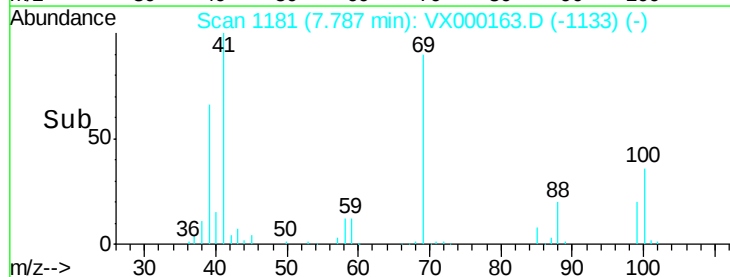
39 67.7 51.0 76.6

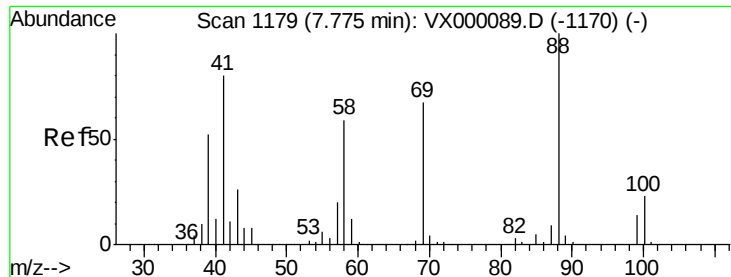


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

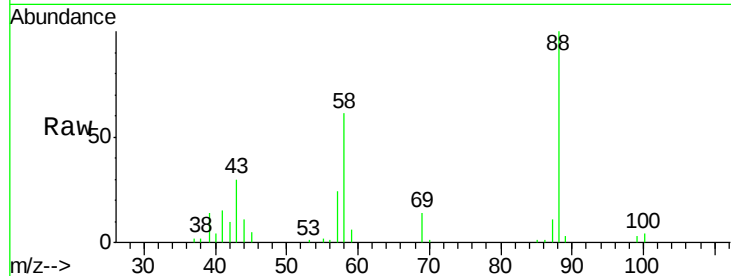




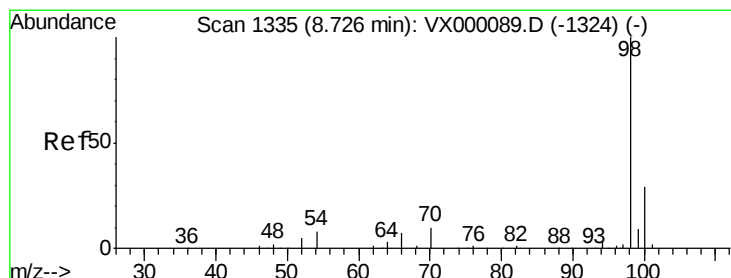
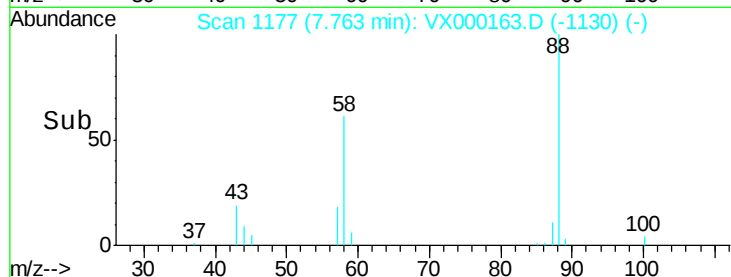
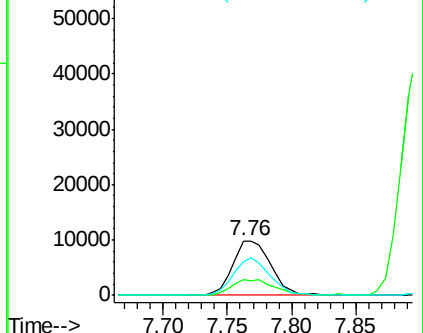
#49
1,4-Dioxane
Concen: 401.20 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion: 88 Resp: 20106
Ion Ratio Lower Upper
88 100
43 33.4 24.1 36.1
58 66.1 49.0 73.6

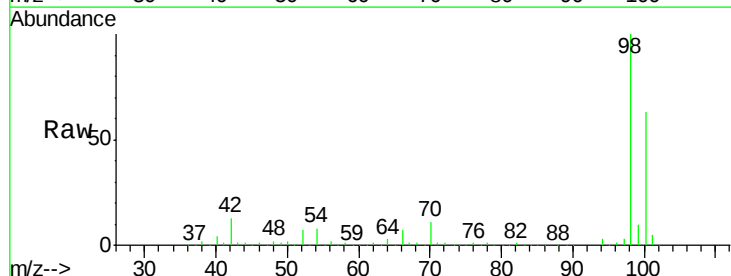


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

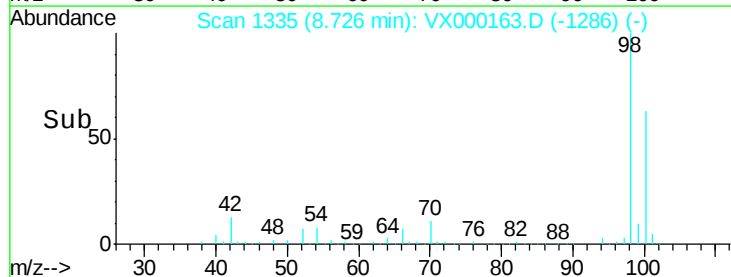
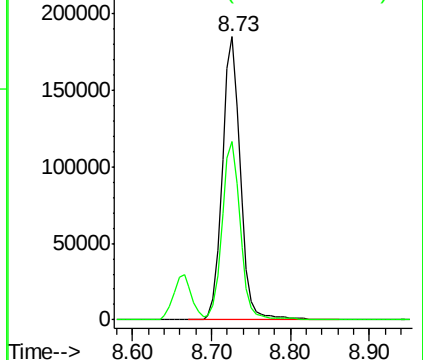


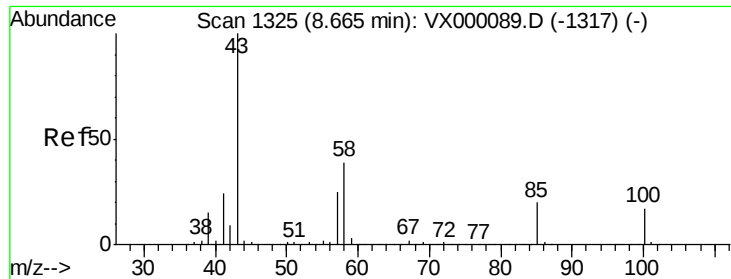
#50
Toluene-d8
Concen: 53.78 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 98 Resp: 293623
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 111.02 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

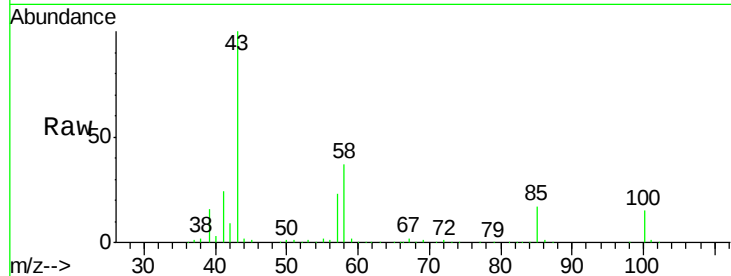
VX0228WBSD01

Tgt Ion: 43 Resp: 316425

Ion Ratio Lower Upper

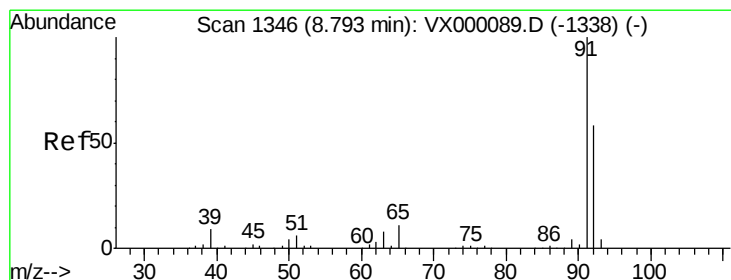
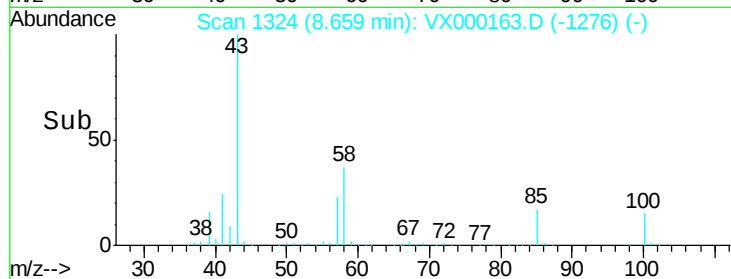
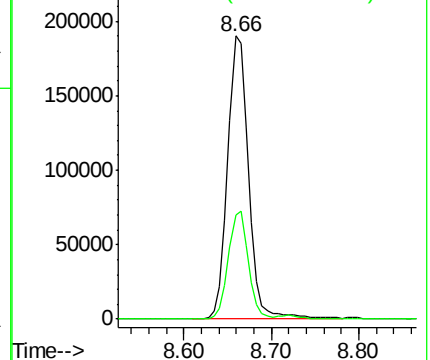
43 100

58 36.2 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000163.D

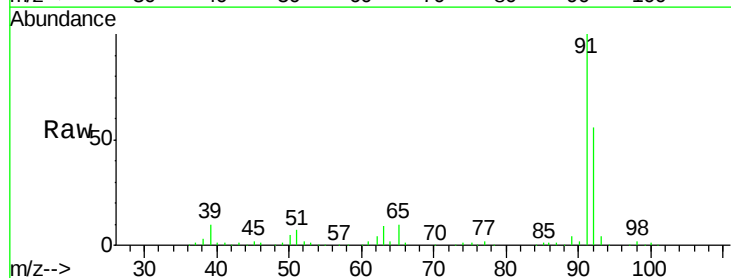
Acq: 28 Feb 2018 12:53

Tgt Ion: 92 Resp: 74402

Ion Ratio Lower Upper

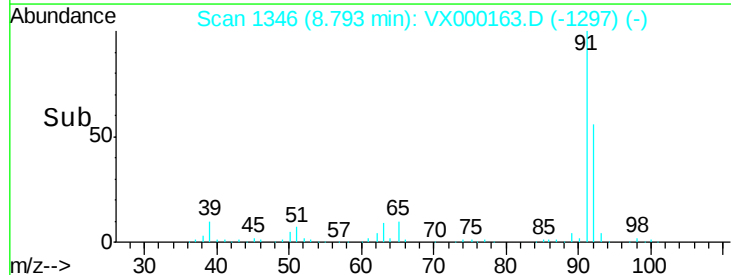
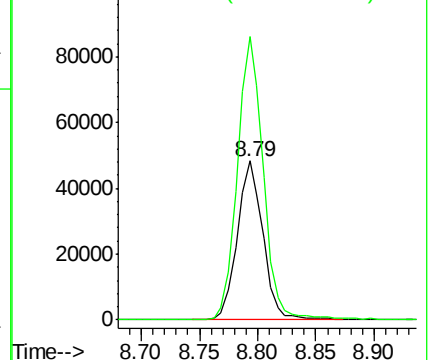
92 100

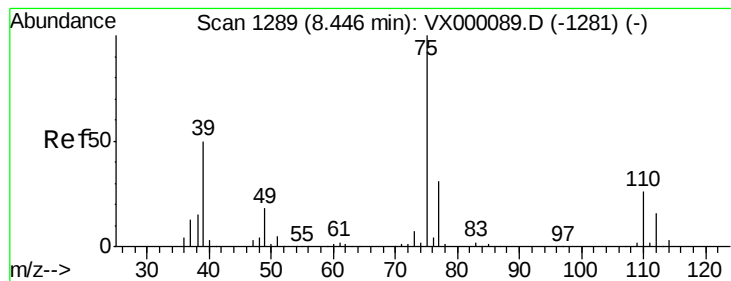
91 178.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.34 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

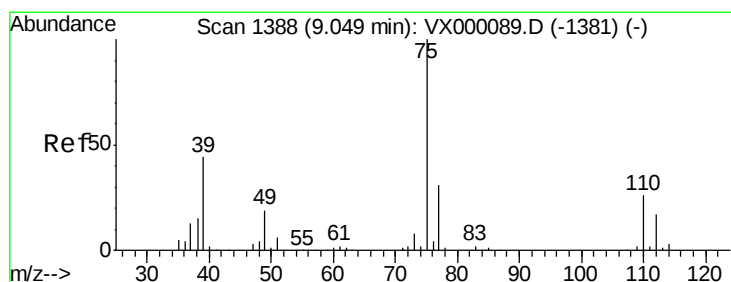
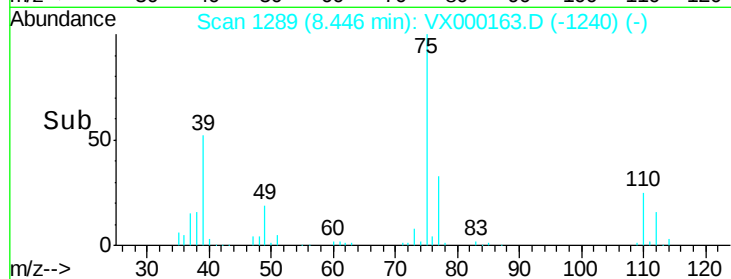
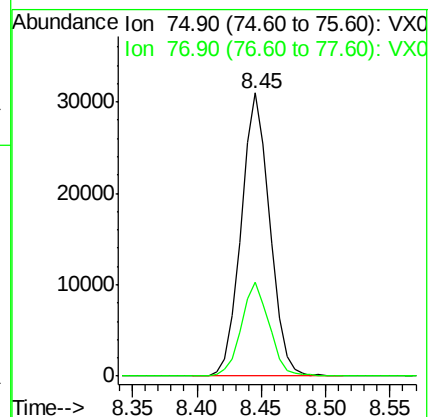
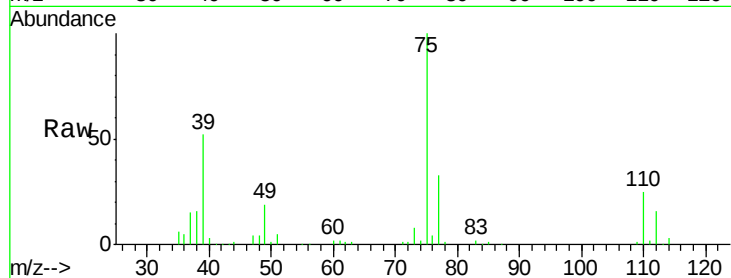
VX0228WBSD01

Tgt Ion: 75 Resp: 47516

Ion Ratio Lower Upper

75 100

77 33.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.14 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

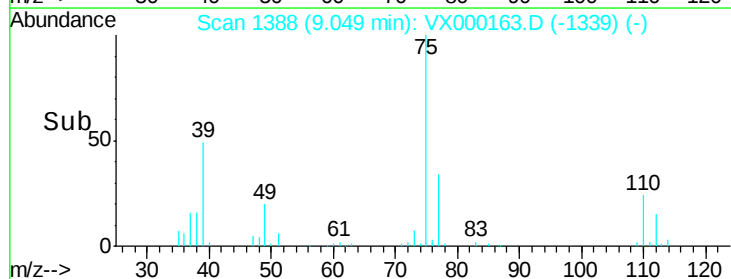
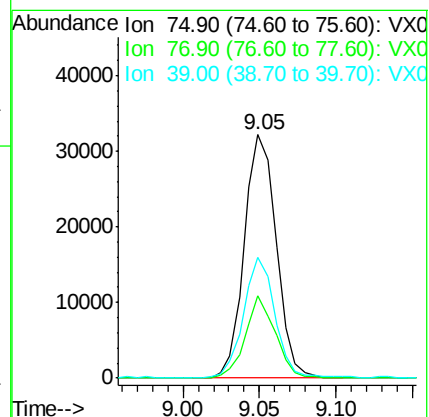
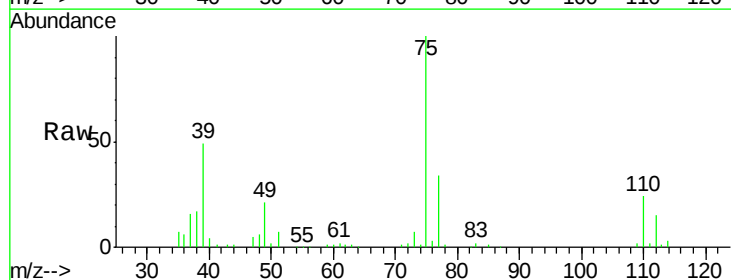
Tgt Ion: 75 Resp: 46712

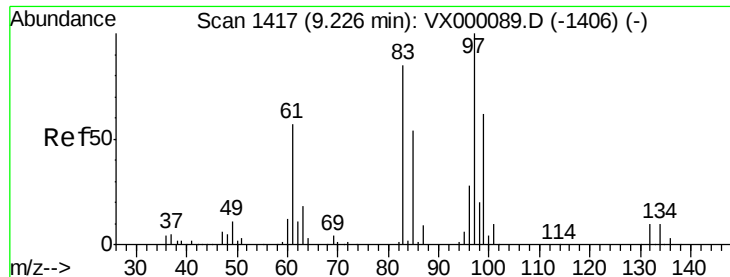
Ion Ratio Lower Upper

75 100

77 33.8 25.0 37.6

39 49.1 35.4 53.0

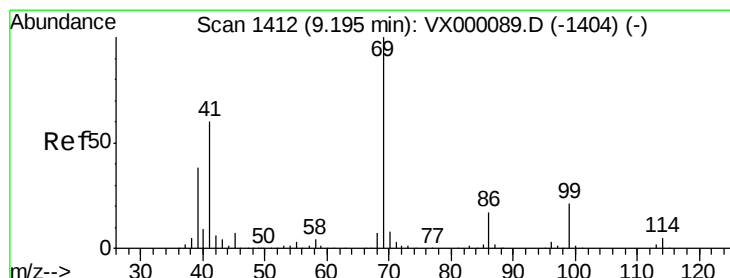
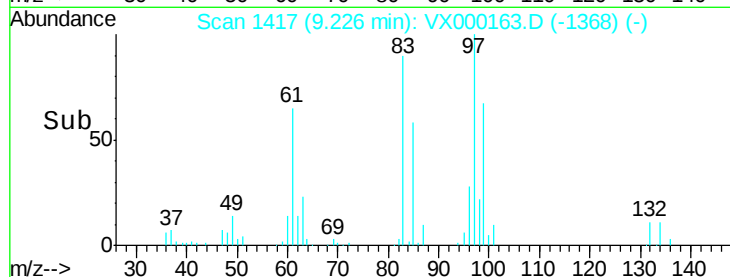
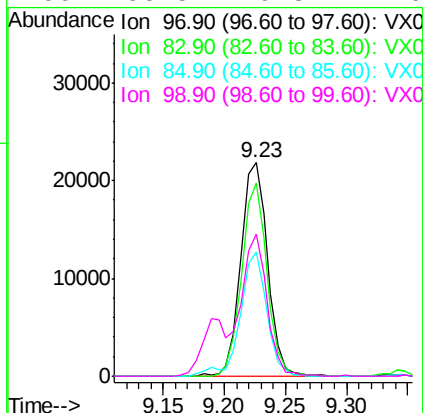
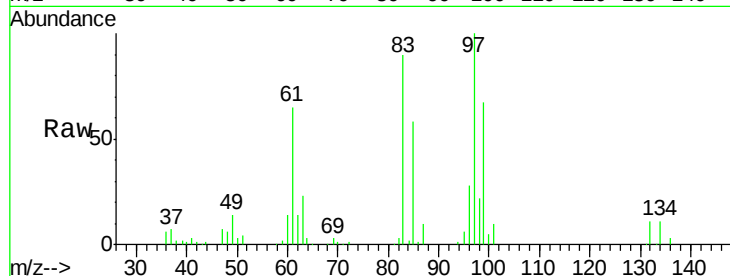




#55
 1,1,2-Trichloroethane
 Concen: 21.36 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

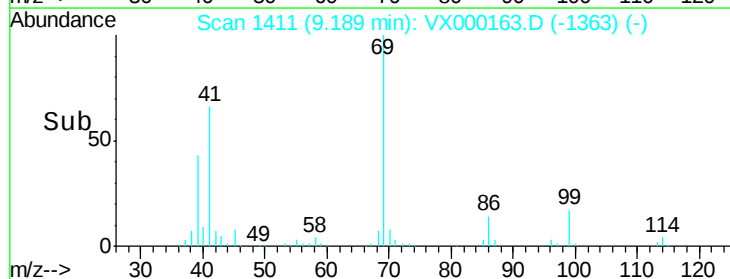
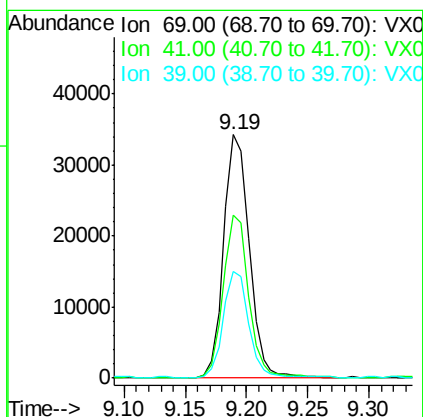
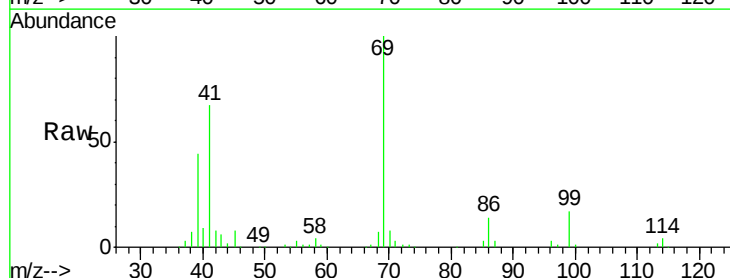
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

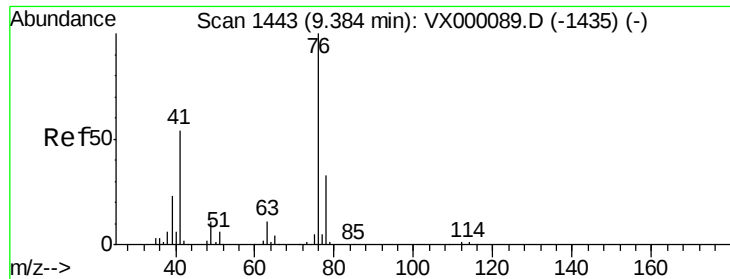
Tgt Ion:	97	Resp:	33179
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.6	101.4
85	58.1	42.9	64.3
99	66.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.94 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion:	69	Resp:	49929
Ion	Ratio	Lower	Upper
69	100		
41	66.5	49.4	74.0
39	43.1	31.3	46.9

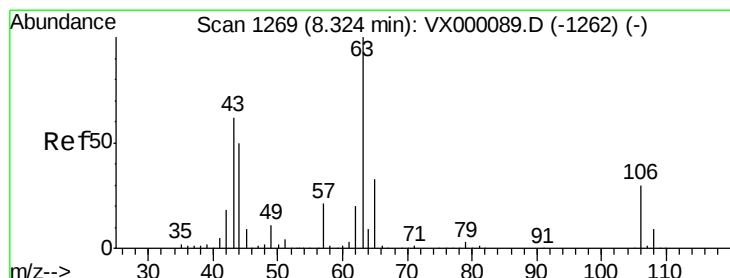
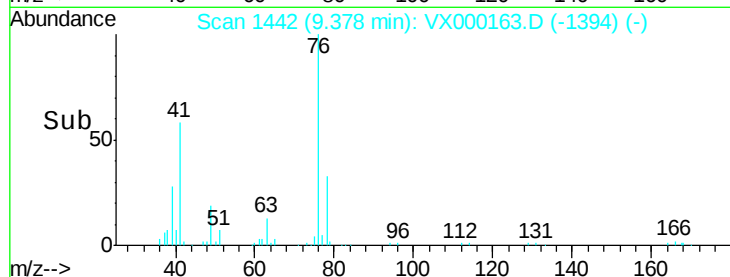
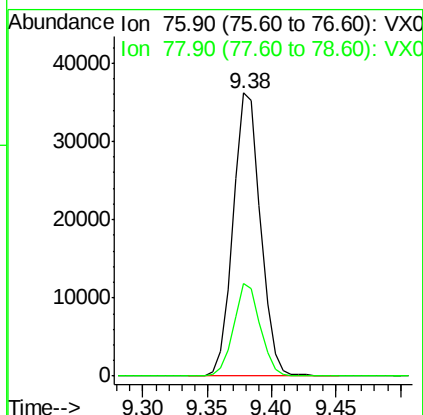
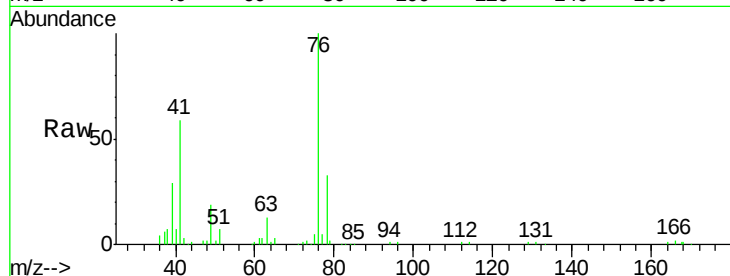




#57
 1,3-Dichloropropane
 Concen: 21.79 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

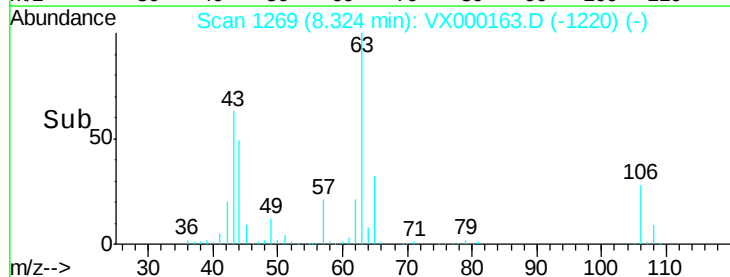
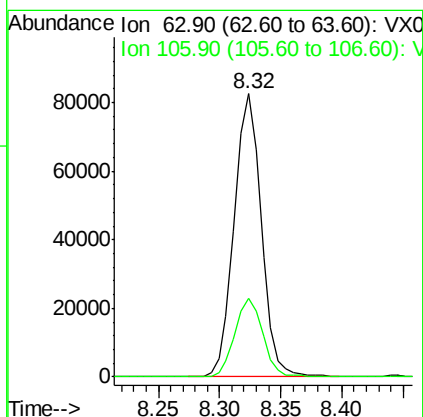
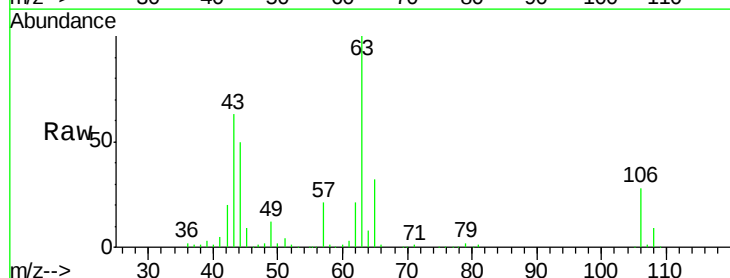
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

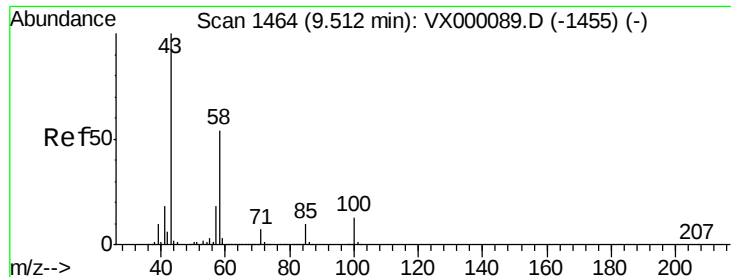
Tgt Ion: 76 Resp: 53751
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.70 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 63 Resp: 126155
 Ion Ratio Lower Upper
 63 100
 106 28.7 24.6 37.0

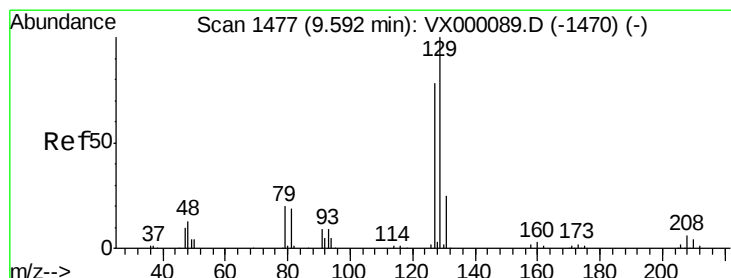
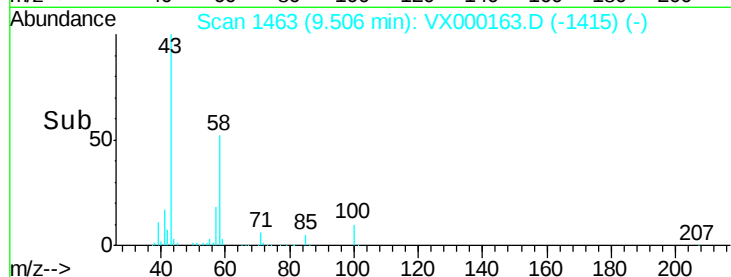
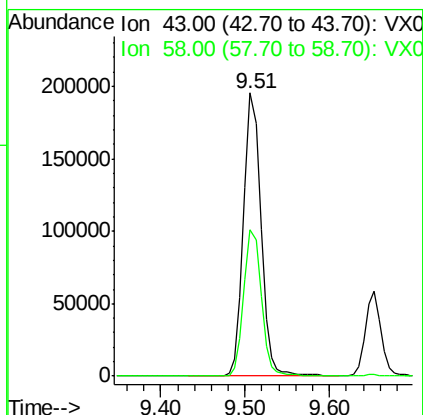
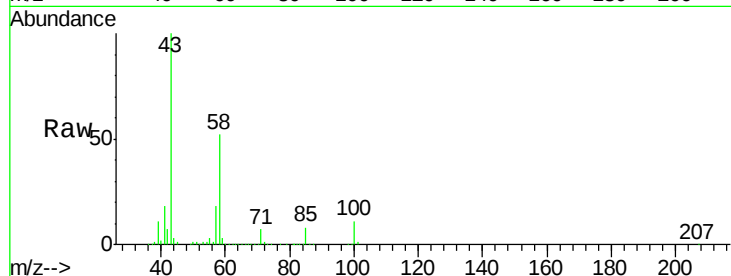




#59
2-Hexanone
Concen: 112.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

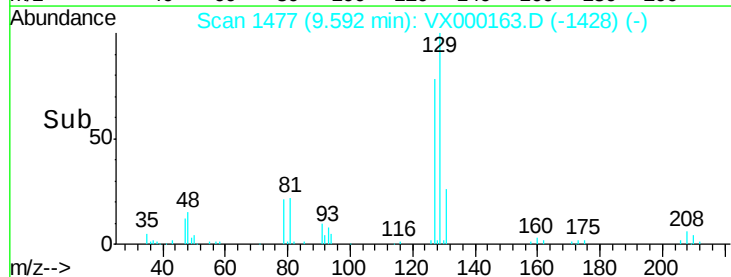
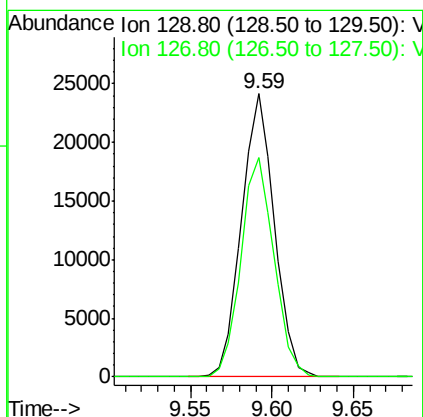
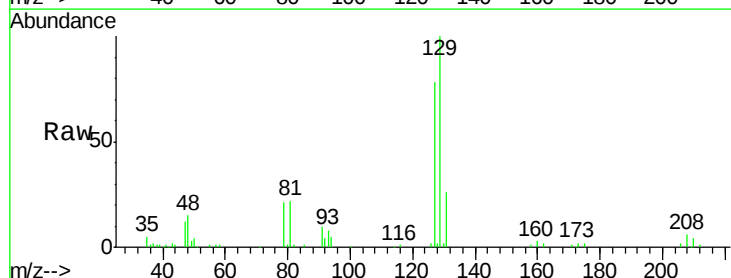
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

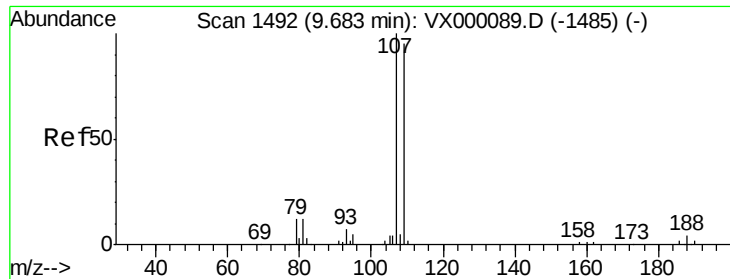
Tgt Ion: 43 Resp: 271143
Ion Ratio Lower Upper
43 100
58 52.3 27.1 81.3



#60
Dibromochloromethane
Concen: 19.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 129 Resp: 33935
Ion Ratio Lower Upper
129 100
127 77.9 37.6 112.9





#61

1,2-Dibromoethane

Concen: 20.88 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

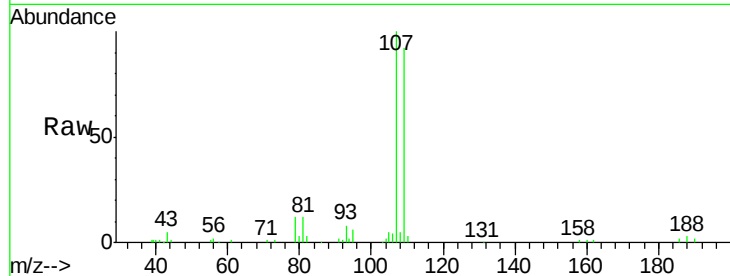
VX0228WBSD01

Tgt Ion:107 Resp: 35993

Ion Ratio Lower Upper

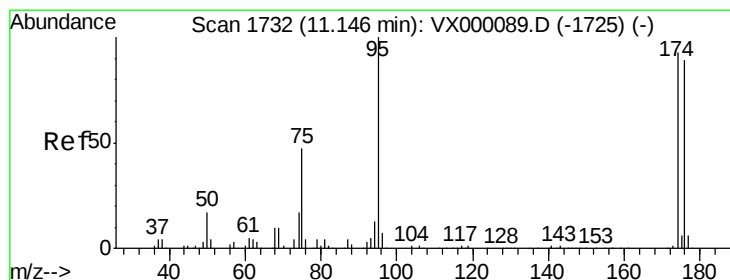
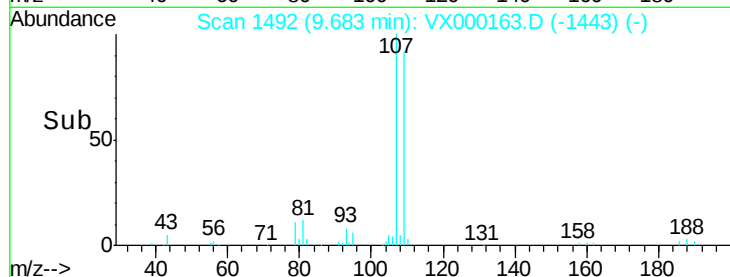
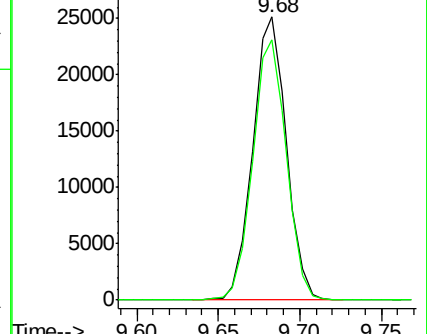
107 100

109 92.0 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.94 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

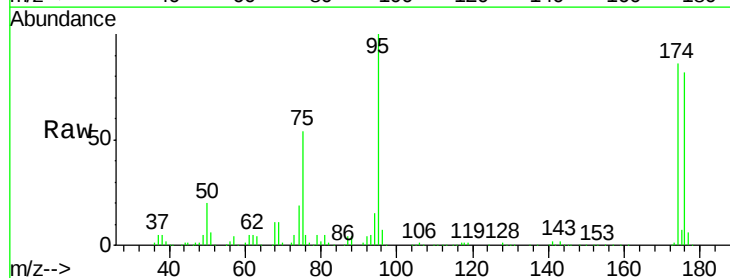
Tgt Ion: 95 Resp: 115472

Ion Ratio Lower Upper

95 100

174 84.5 0.0 187.8

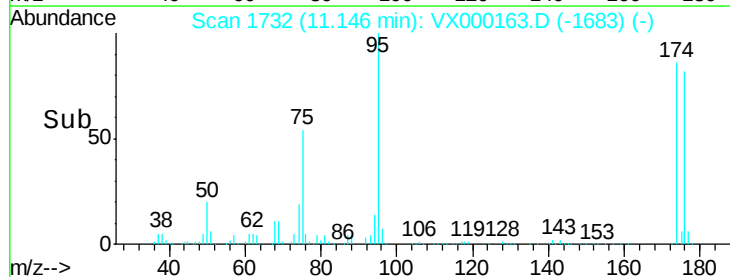
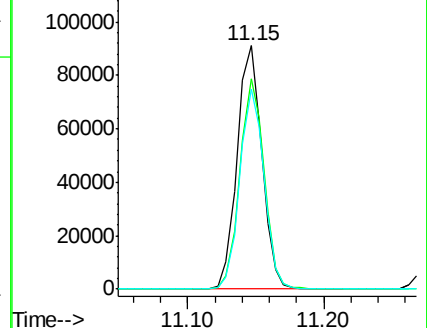
176 80.7 0.0 181.2

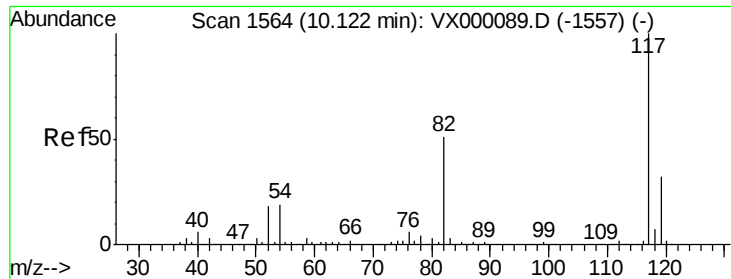


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

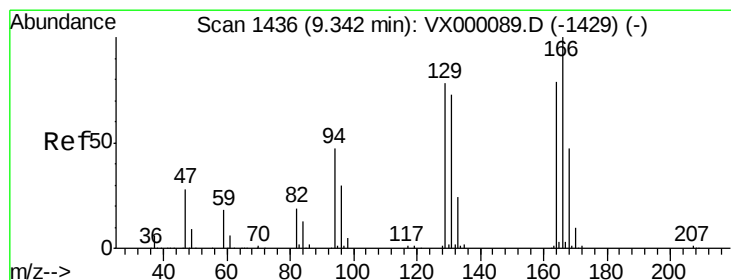
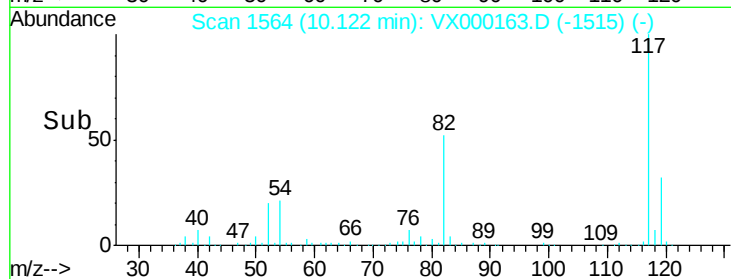
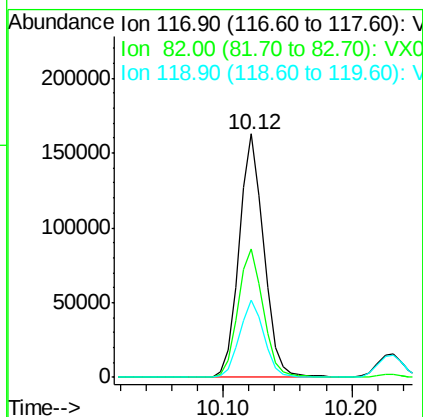
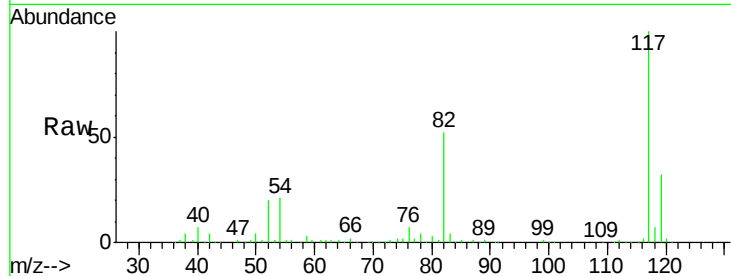




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

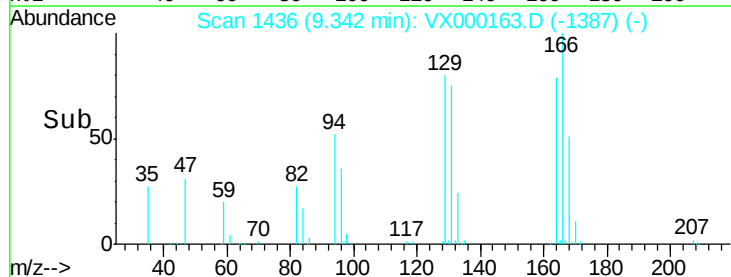
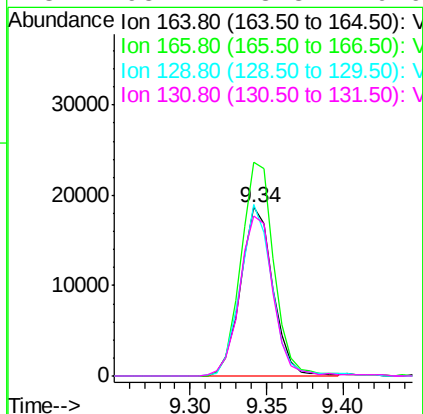
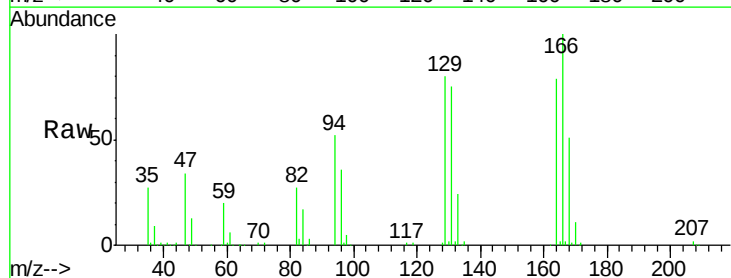
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

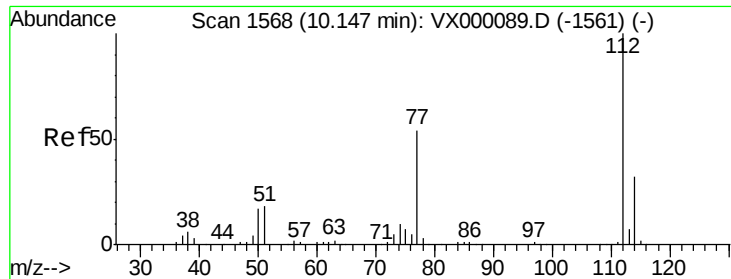
Tgt Ion:117 Resp: 216170
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 17.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion:164 Resp: 27435
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.2
129 101.2 78.6 118.0
131 95.1 73.8 110.6

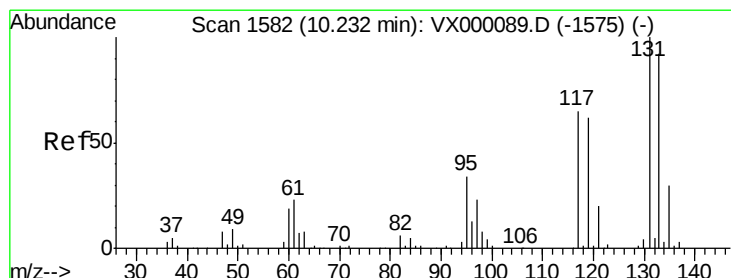
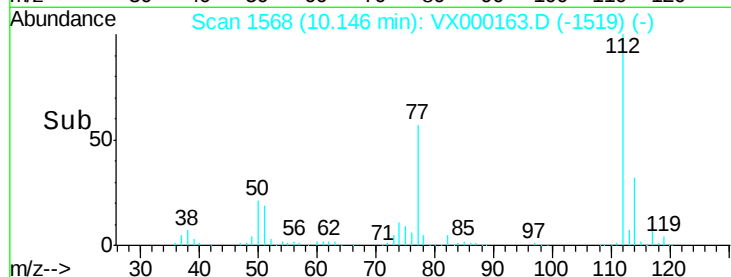
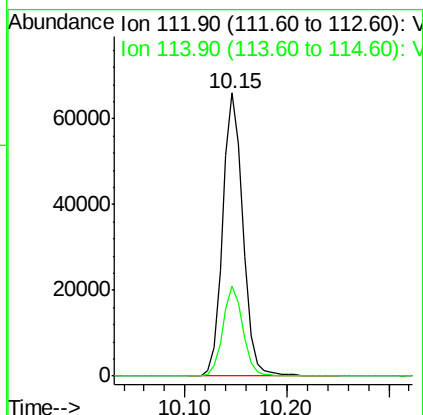
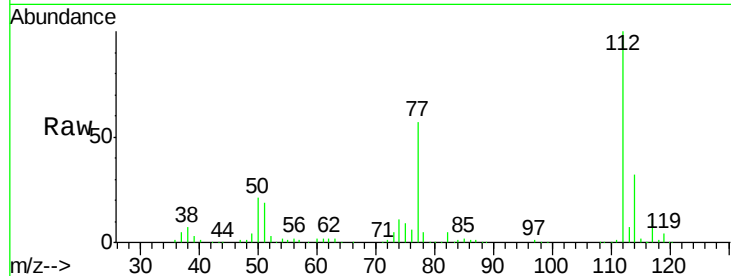




#65
Chlorobenzene
Concen: 19.97 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

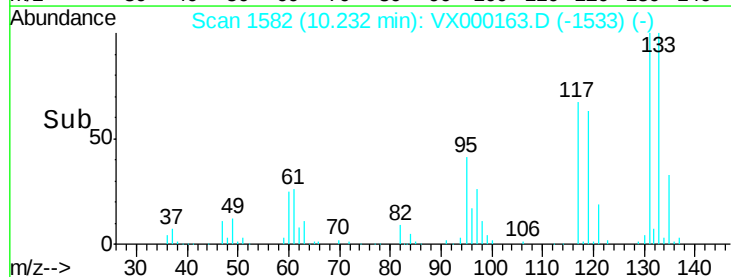
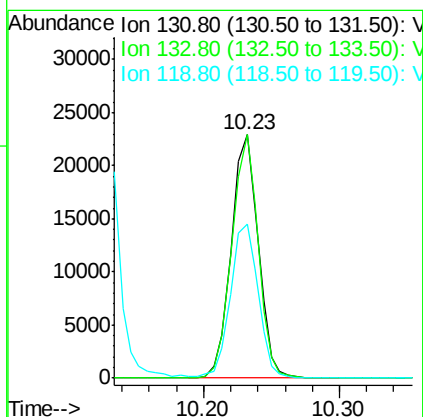
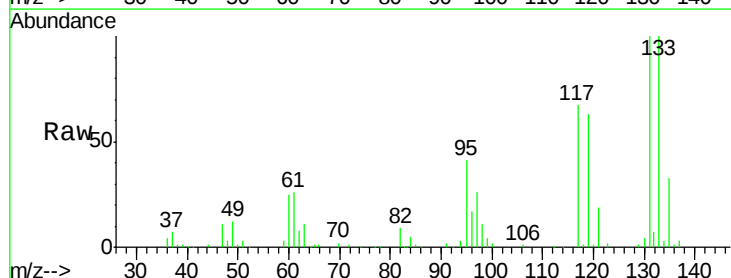
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

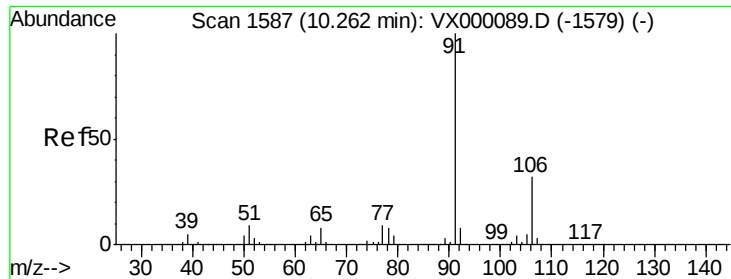
Tgt Ion:112 Resp: 91139
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.83 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion:131 Resp: 31672
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.3
119 65.1 31.7 95.1

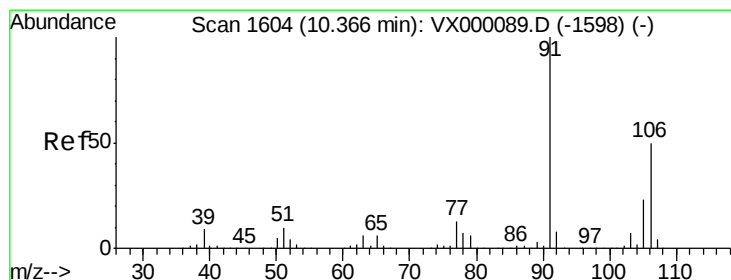
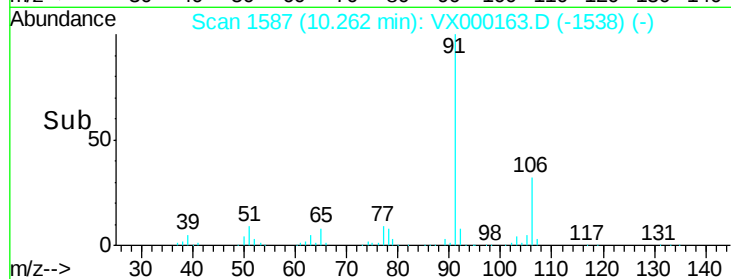
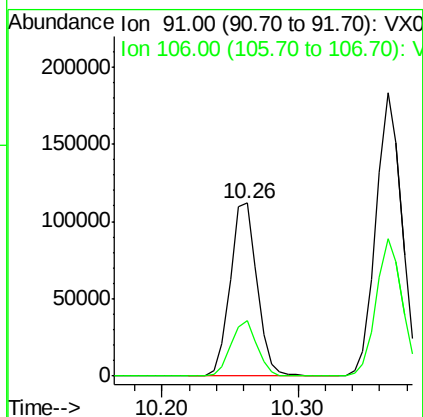
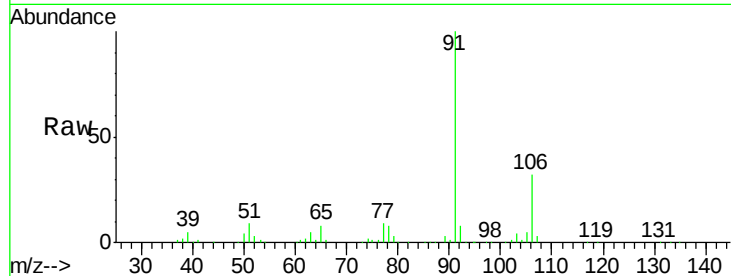




#67
Ethyl Benzene
Concen: 20.20 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

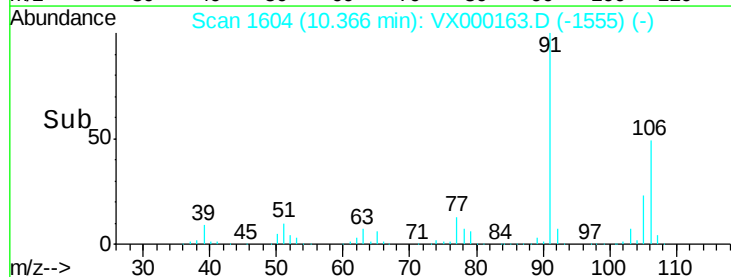
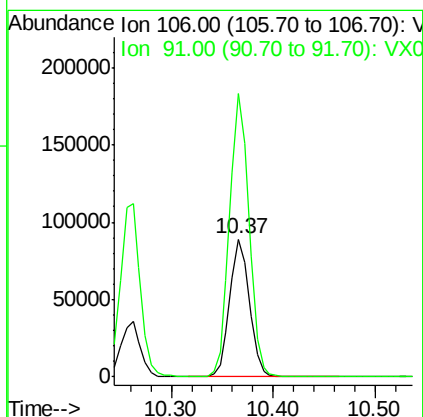
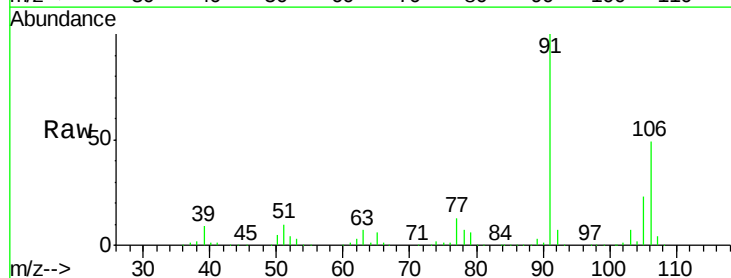
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

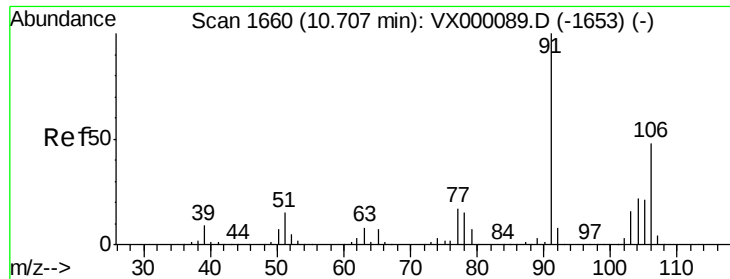
Tgt Ion: 91 Resp: 154721
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.6



#68
m/p-Xylenes
Concen: 39.31 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 106 Resp: 119241
Ion Ratio Lower Upper
106 100
91 202.0 159.1 238.7

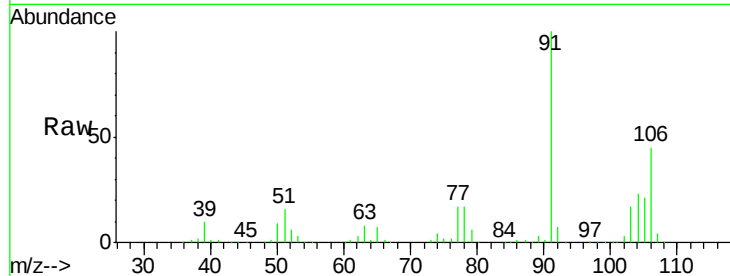




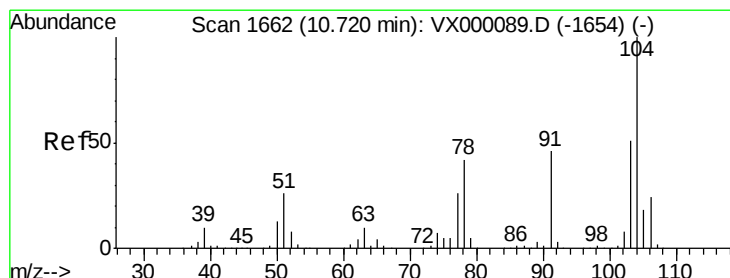
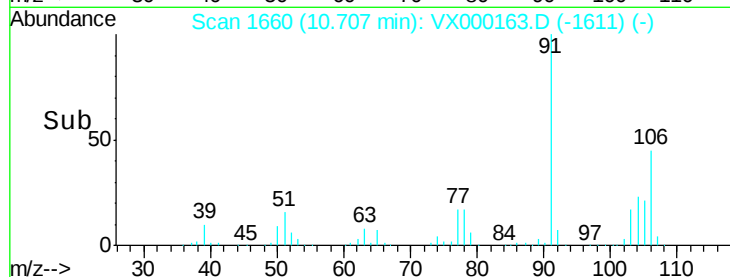
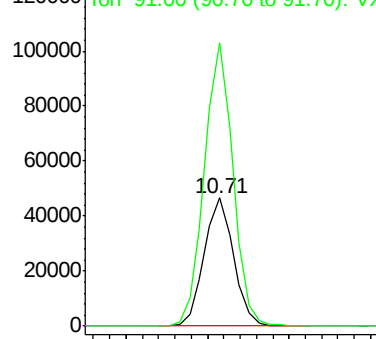
#69
o-Xylene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tgt Ion:106 Resp: 58480
Ion Ratio Lower Upper
106 100
91 214.8 103.8 311.6

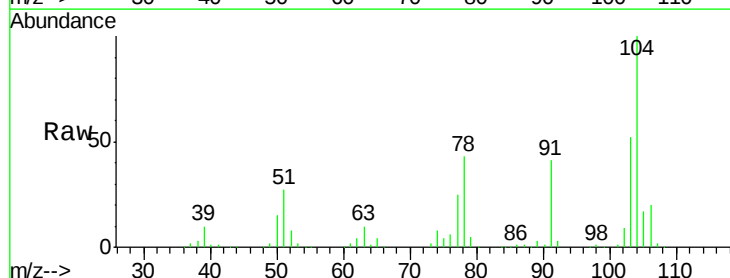


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

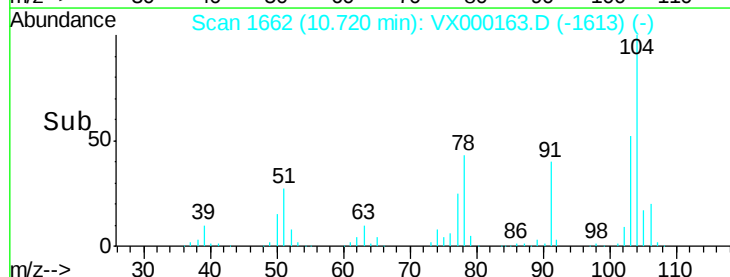
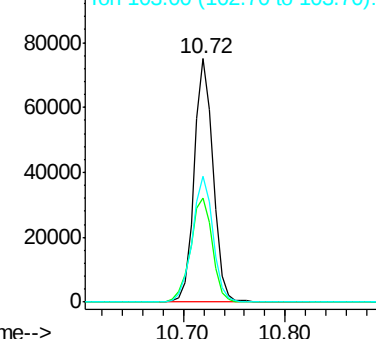


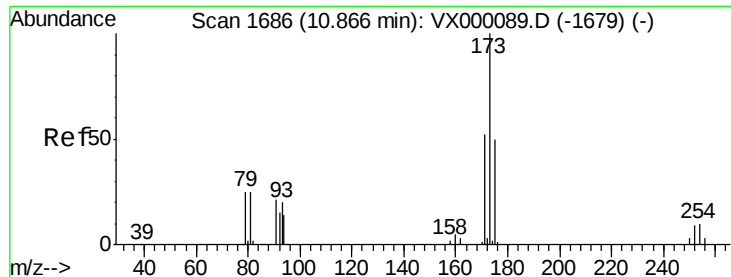
#70
Styrene
Concen: 20.15 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion:104 Resp: 96412
Ion Ratio Lower Upper
104 100
78 49.4 38.2 57.4
103 56.9 44.2 66.4



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





#71

Bromoform

Concen: 17.72 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

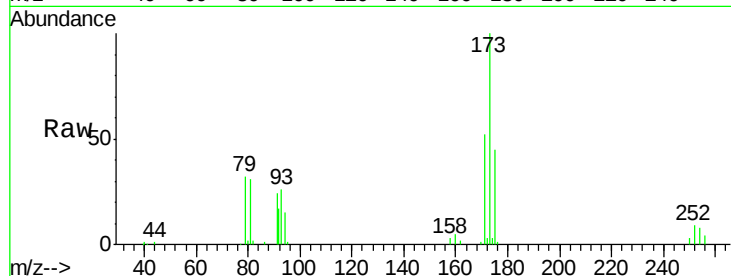
Tgt Ion:173 Resp: 25693

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

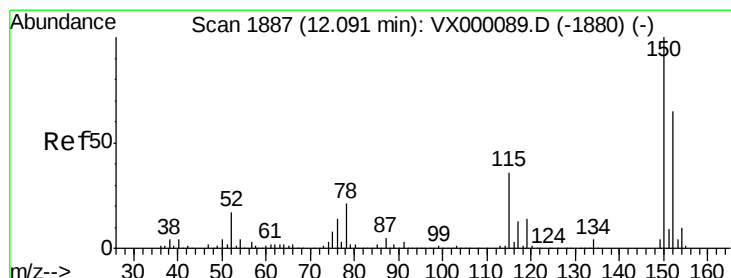
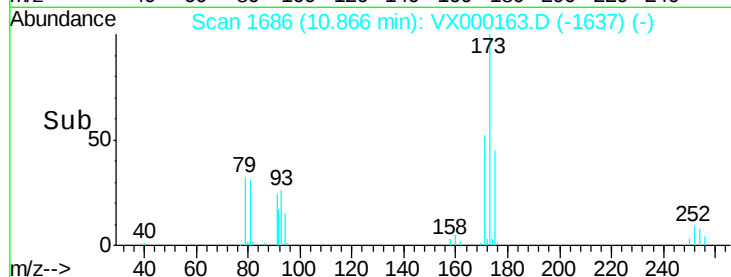
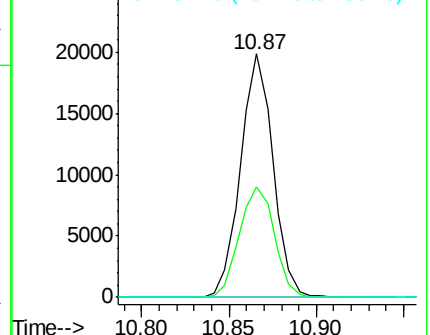
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

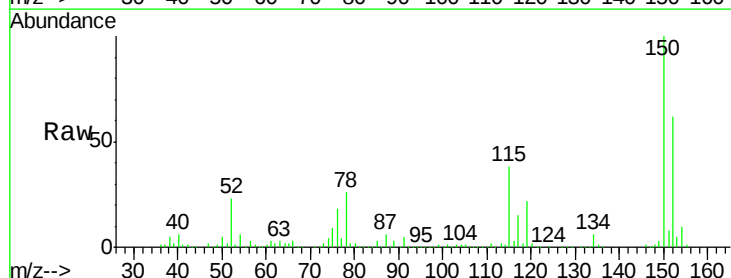
Tgt Ion:152 Resp: 120861

Ion Ratio Lower Upper

152 100

115 68.6 39.1 117.2

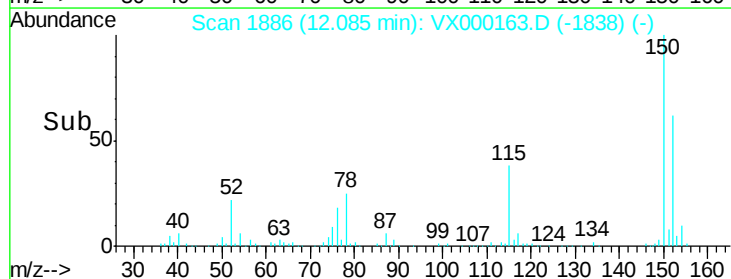
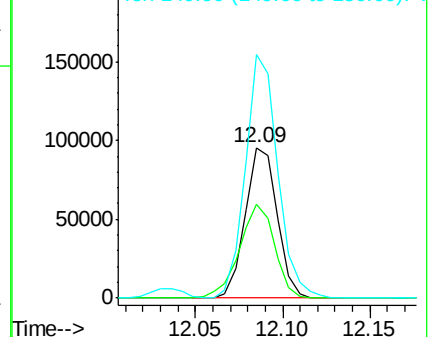
150 164.5 0.0 348.2

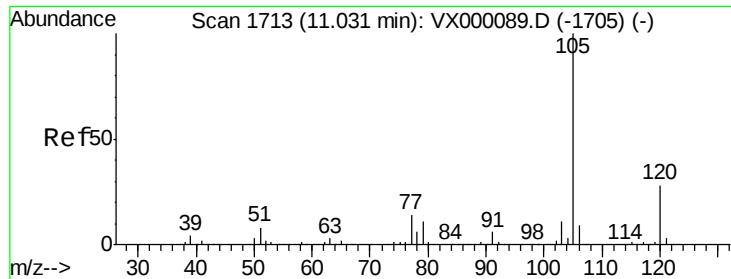


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

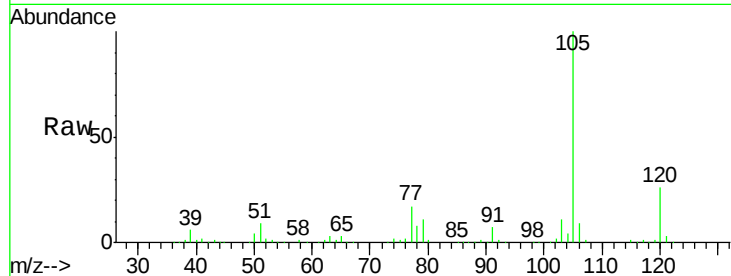
VX0228WBSD01

Tgt Ion: 105 Resp: 160120

Ion Ratio Lower Upper

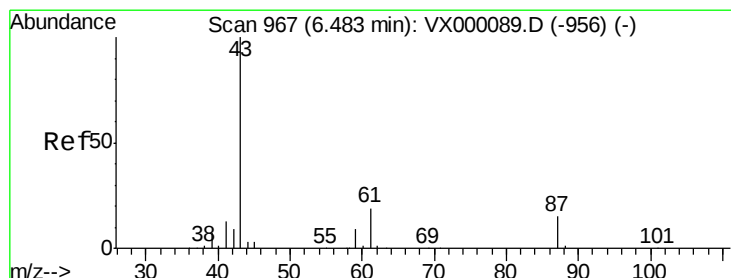
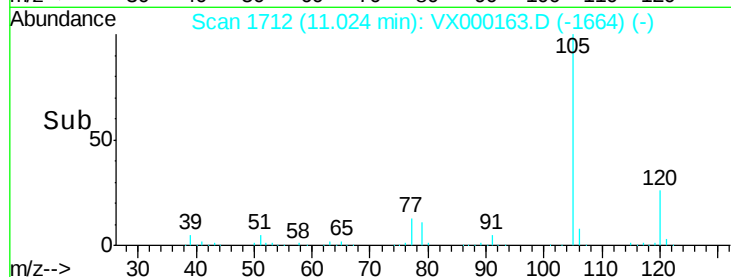
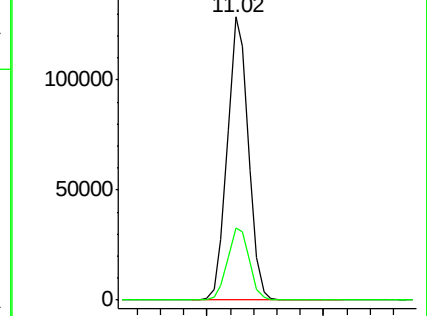
105 100

120 26.4 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.70 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Tgt Ion: 43 Resp: 83959

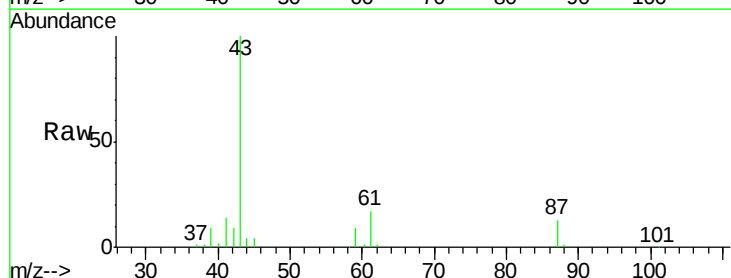
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.1 15.6 23.4

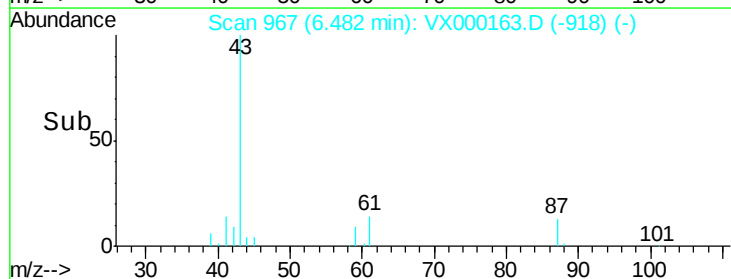
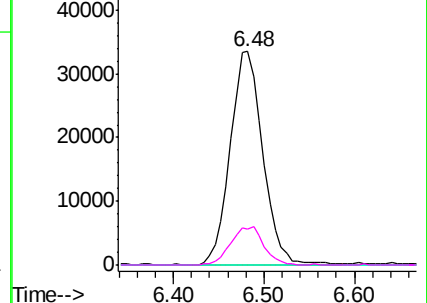


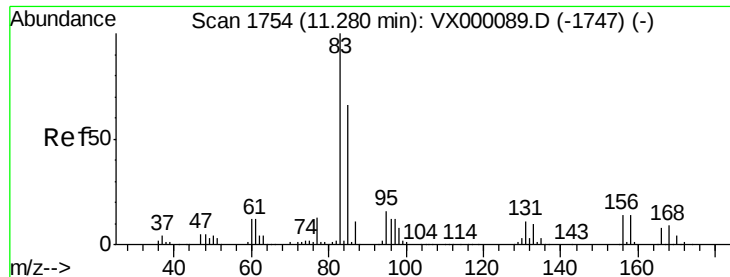
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.75 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

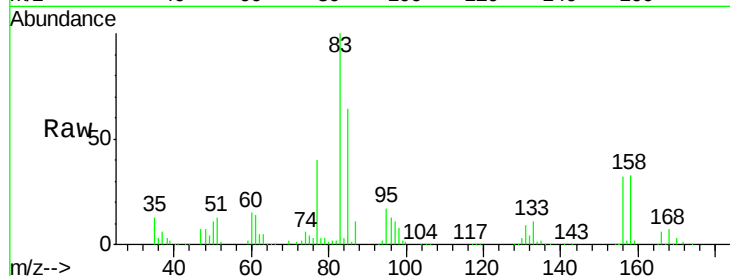
Tgt Ion: 83 Resp: 58027

Ion Ratio Lower Upper

83 100

131 9.7 5.6 16.8

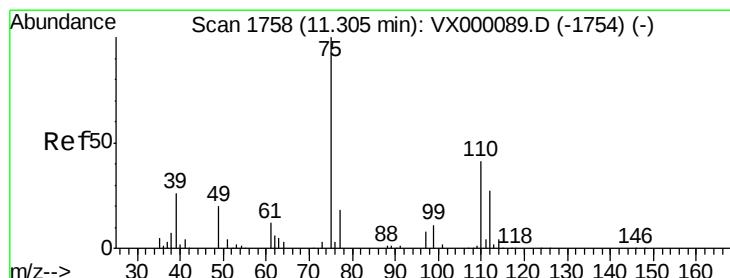
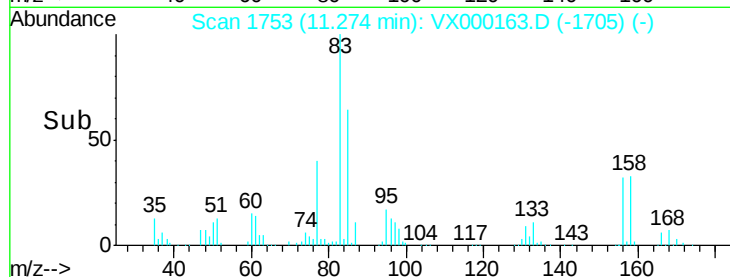
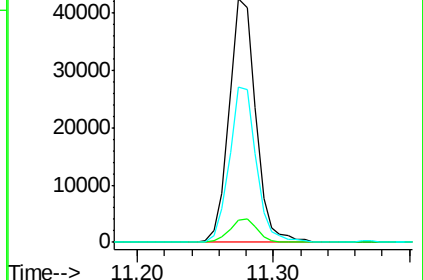
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.63 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000163.D

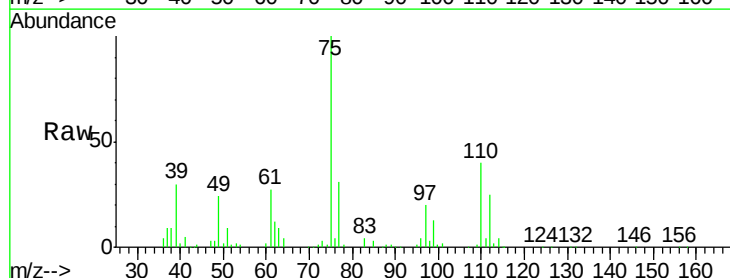
Acq: 28 Feb 2018 12:53

Tgt Ion: 75 Resp: 69167

Ion Ratio Lower Upper

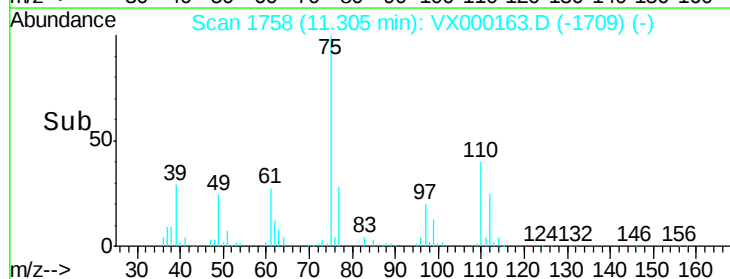
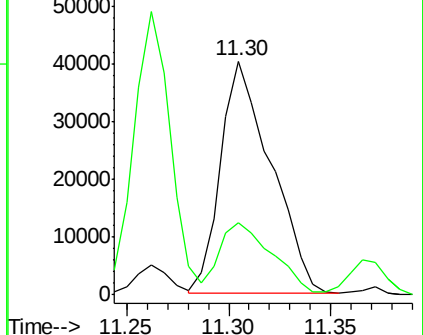
75 100

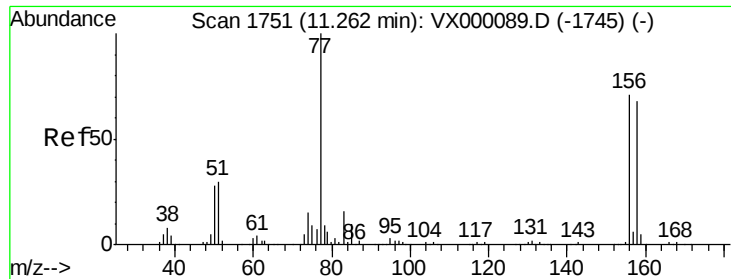
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

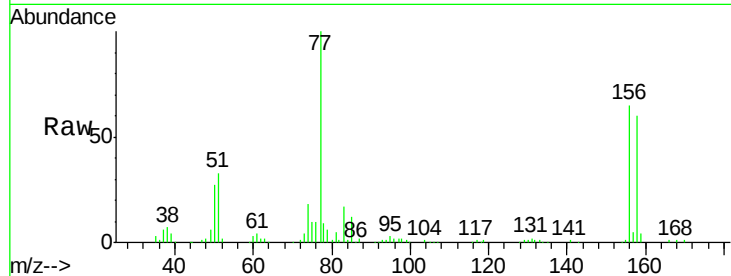
Tgt Ion:156 Resp: 39676

Ion Ratio Lower Upper

156 100

77 155.5 67.0 201.0

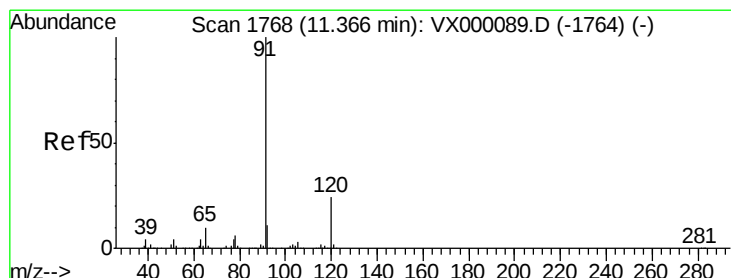
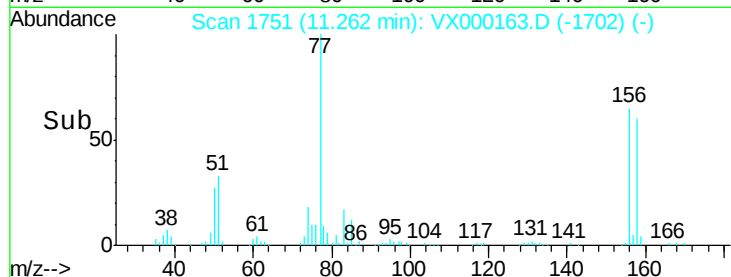
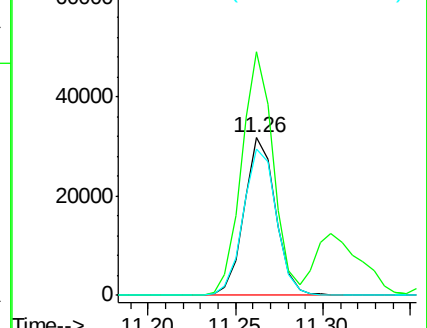
158 98.1 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000163.D

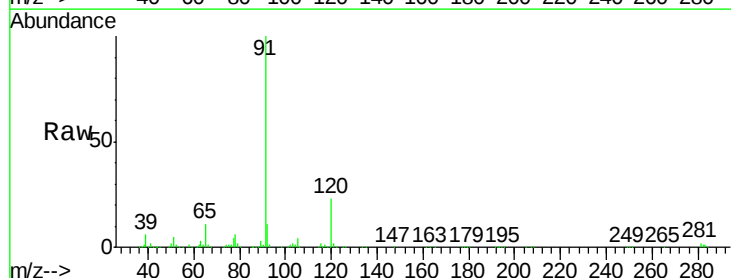
Acq: 28 Feb 2018 12:53

Tgt Ion: 91 Resp: 186171

Ion Ratio Lower Upper

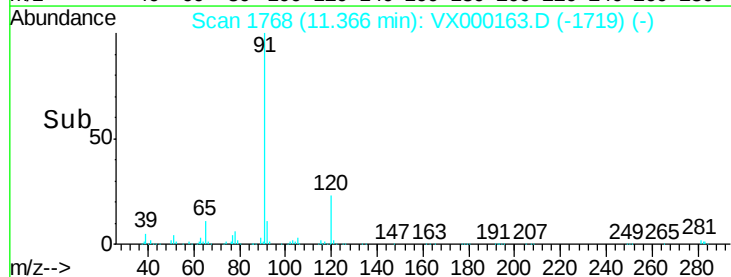
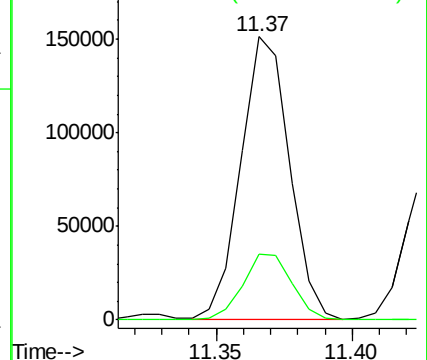
91 100

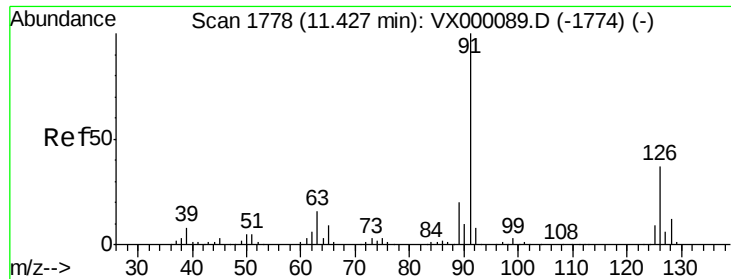
120 23.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

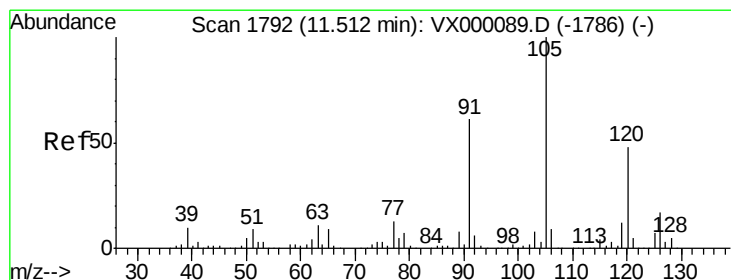
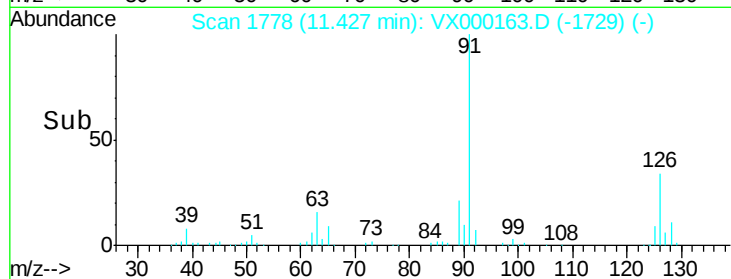
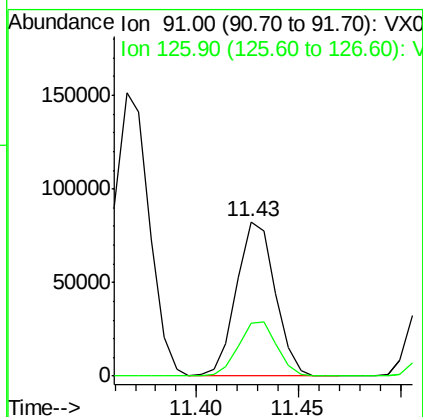
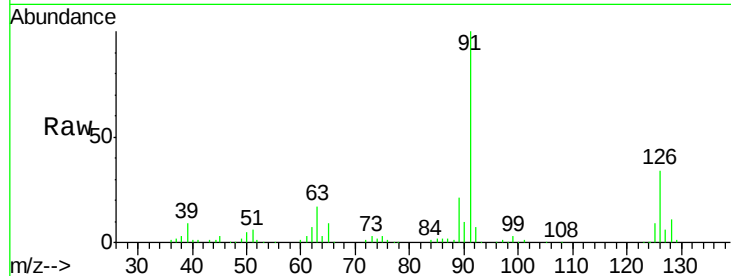




#79
 2-Chlorotoluene
 Concen: 20.92 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

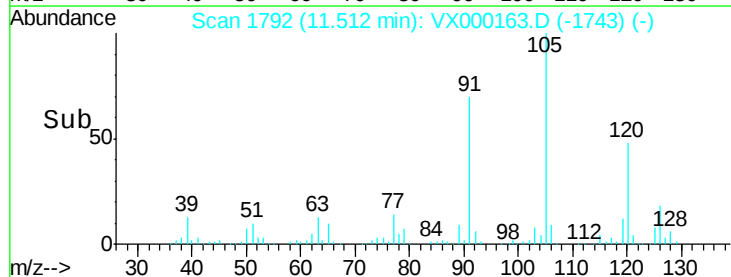
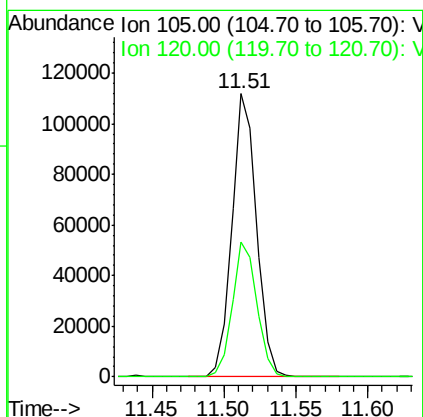
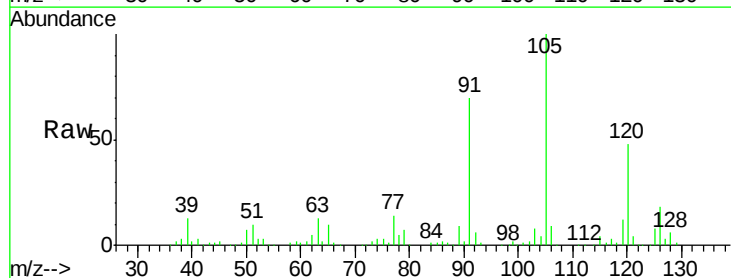
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

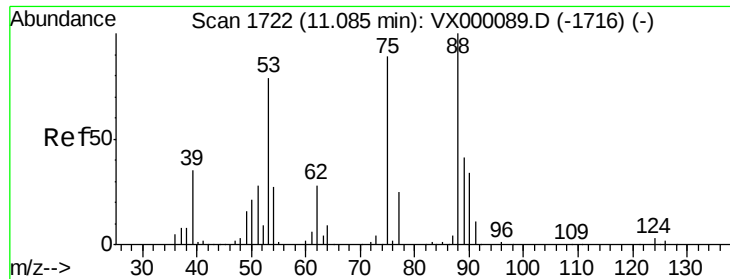
Tgt Ion: 91 Resp: 108113
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.69 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion: 105 Resp: 134015
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.88 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

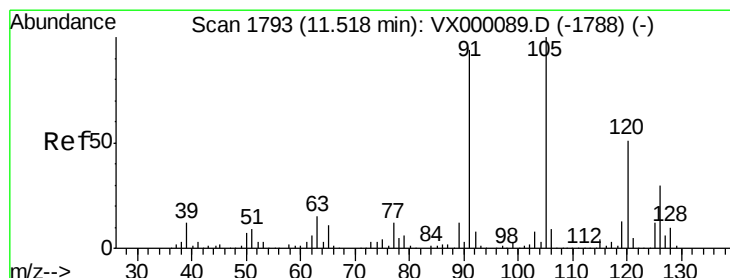
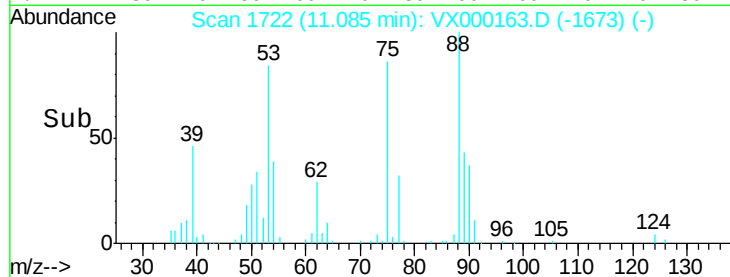
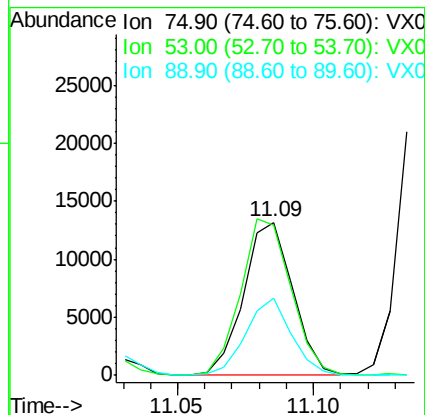
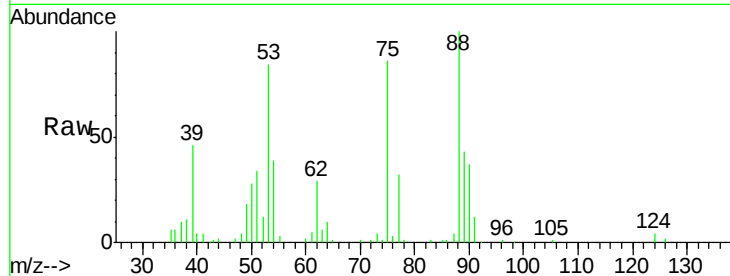
Tgt Ion: 75 Resp: 16594

Ion Ratio Lower Upper

75 100

53 105.2 72.3 108.5

89 46.6 40.6 60.8



#82

4-Chlorotoluene

Concen: 20.93 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000163.D

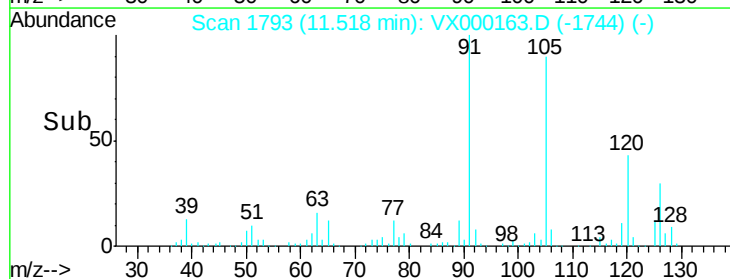
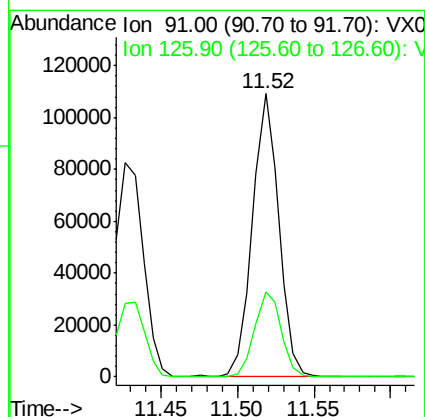
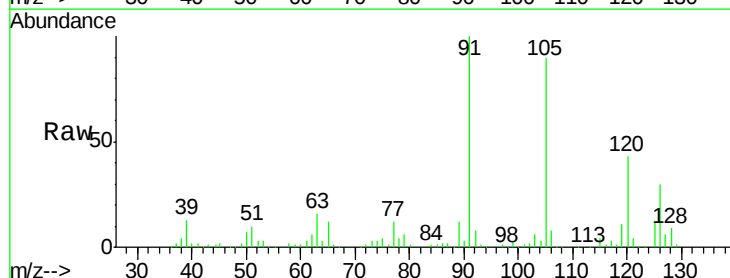
Acq: 28 Feb 2018 12:53

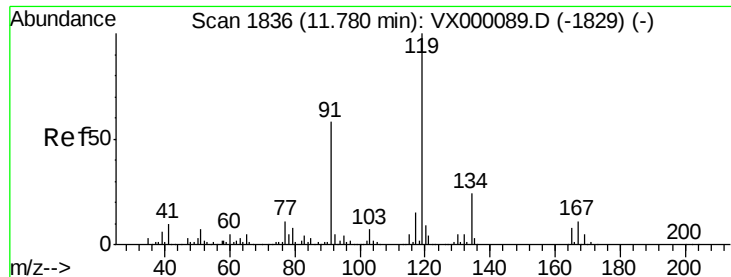
Tgt Ion: 91 Resp: 130812

Ion Ratio Lower Upper

91 100

126 30.6 16.7 50.0

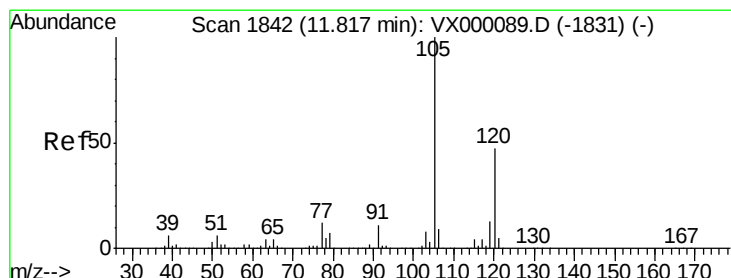
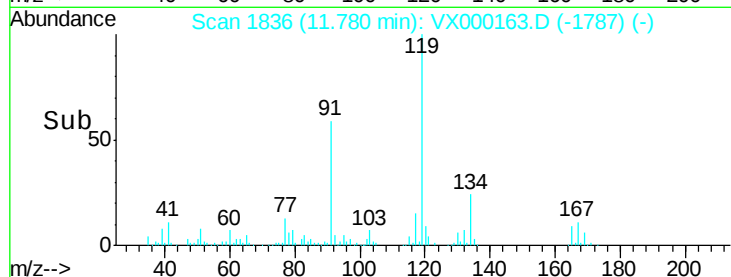
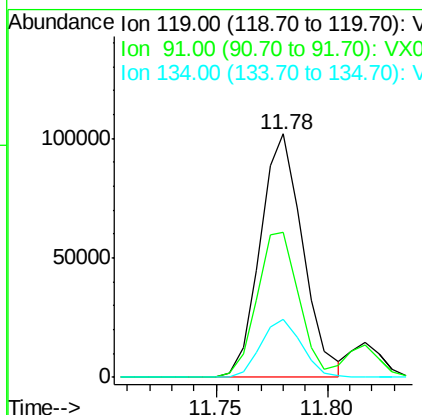
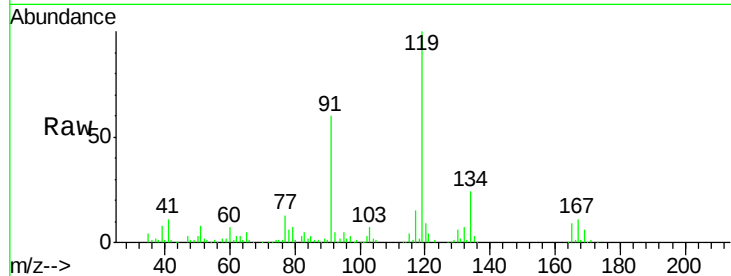




#83
 tert-Butylbenzene
 Concen: 20.76 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

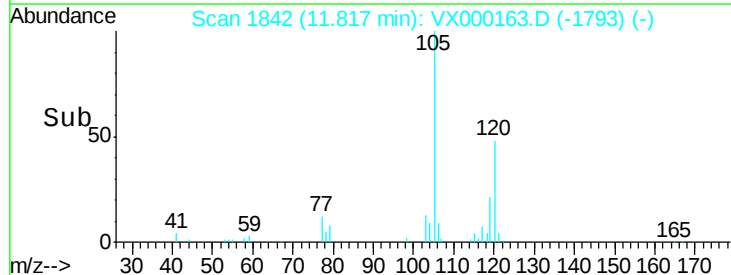
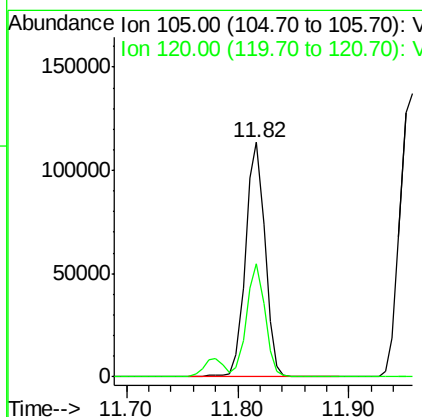
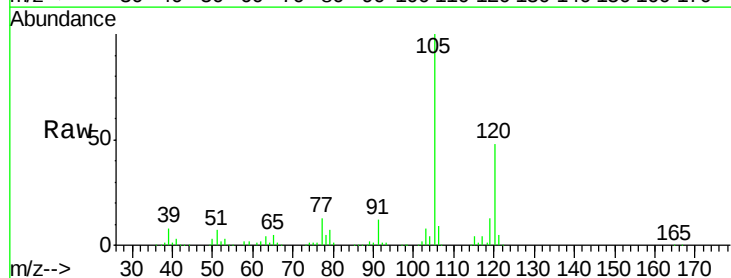
Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBSD01

Tgt Ion:119 Resp: 135750
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.4 85.2
 134 22.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.50 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion:105 Resp: 137840
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2

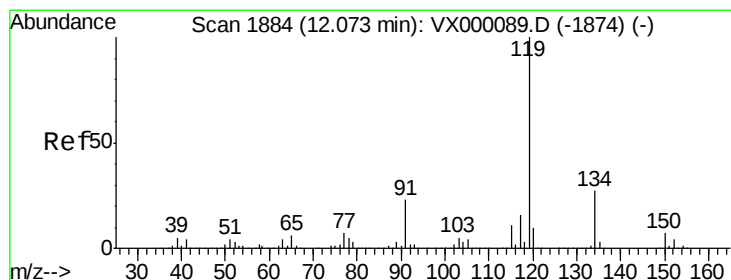
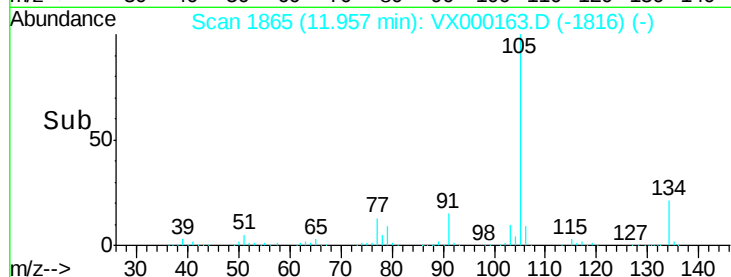
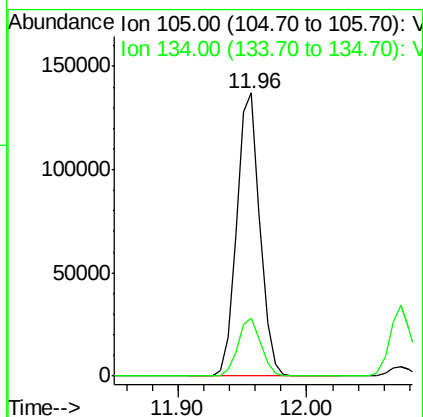
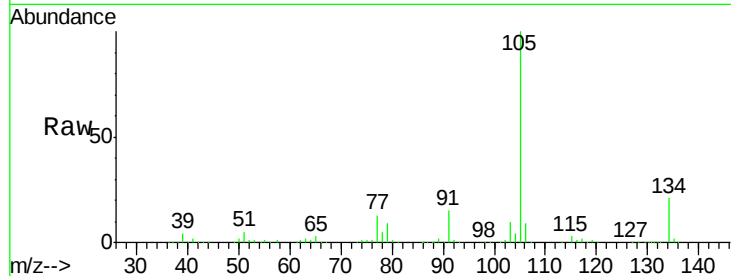




#85
 sec-Butylbenzene
 Concen: 21.04 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

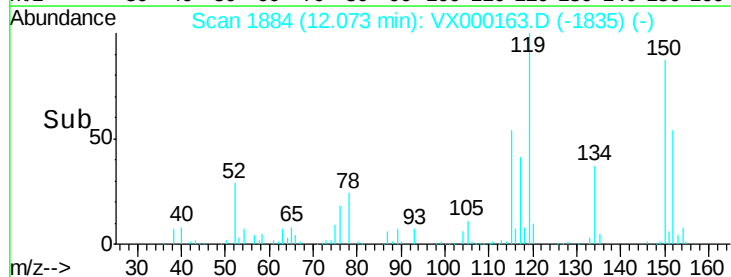
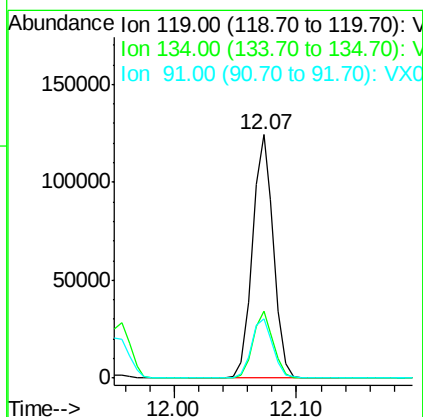
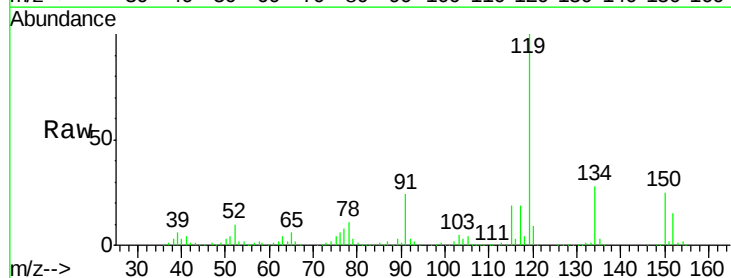
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

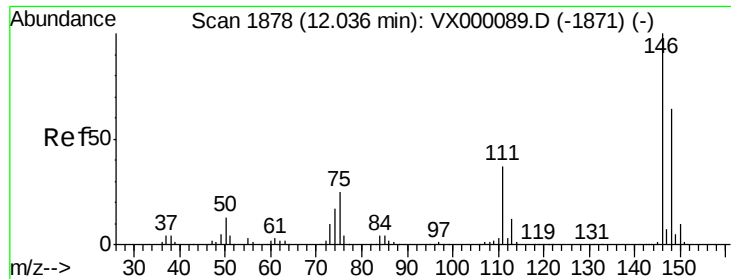
Tgt Ion:105 Resp: 170865
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.48 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion:119 Resp: 148635
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.7 41.0
 91 25.2 11.7 35.0

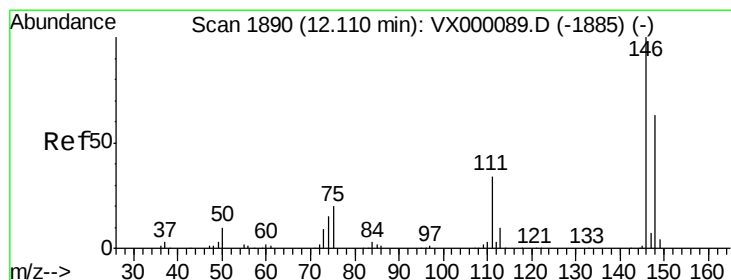
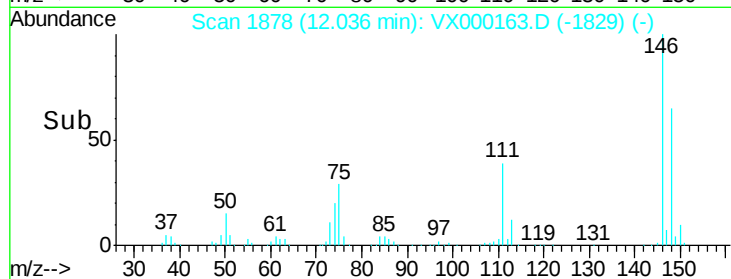
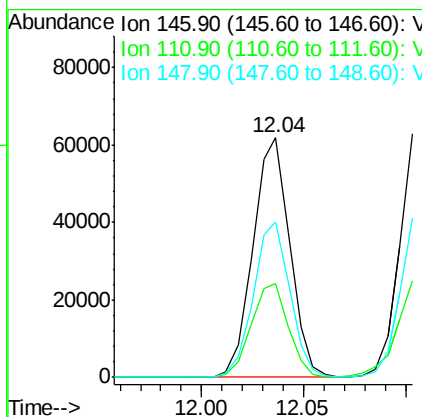
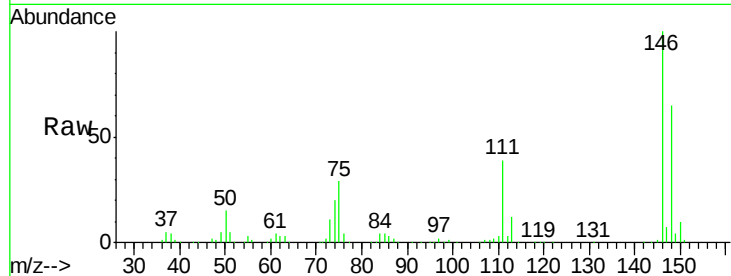




#87
 1,3-Dichlorobenzene
 Concen: 19.56 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

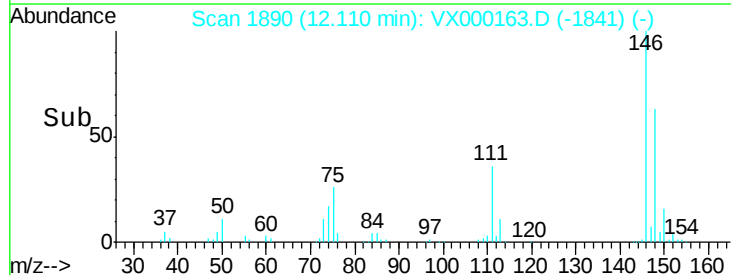
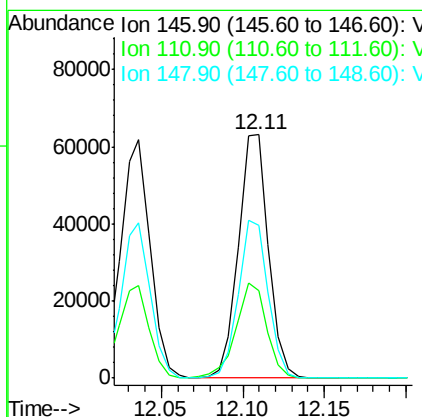
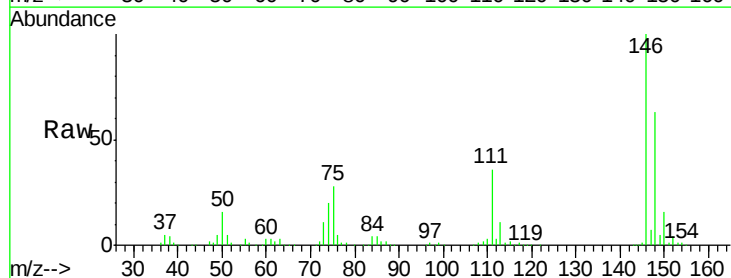
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

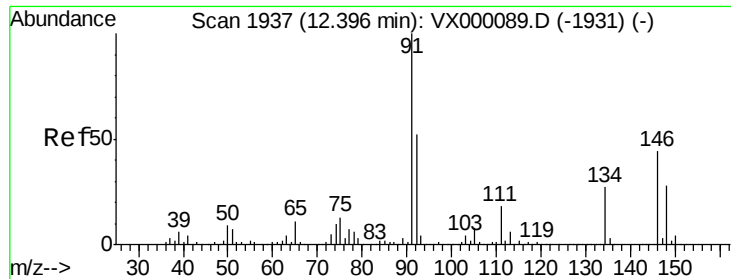
Tgt Ion:146 Resp: 77918
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.3
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.69 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion:146 Resp: 81008
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.4 55.0
 148 64.2 31.9 95.9





#89

n-Butylbenzene

Concen: 20.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

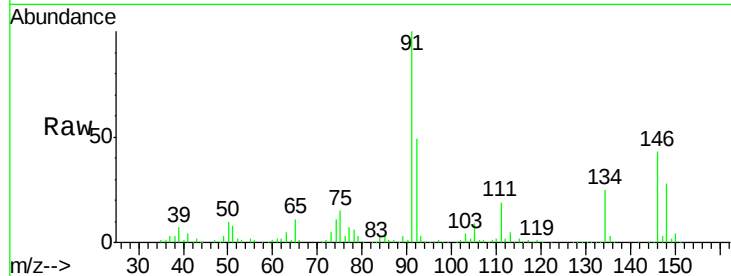
Tgt Ion: 91 Resp: 142304

Ion Ratio Lower Upper

91 100

92 51.1 26.2 78.6

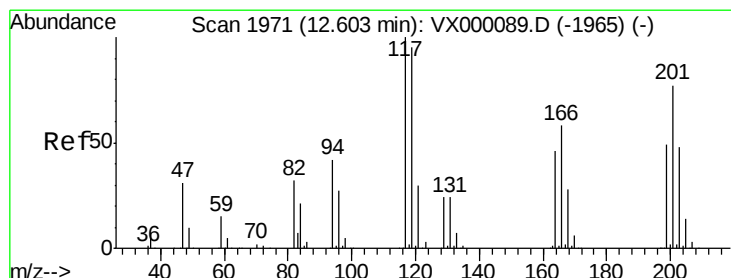
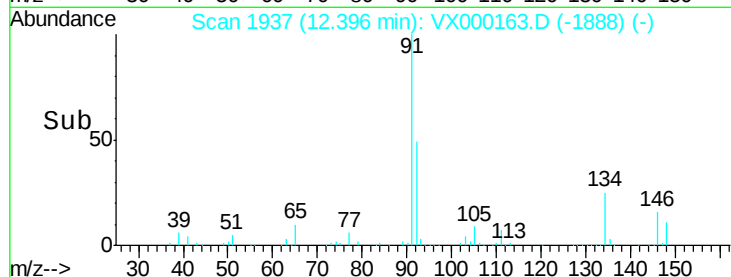
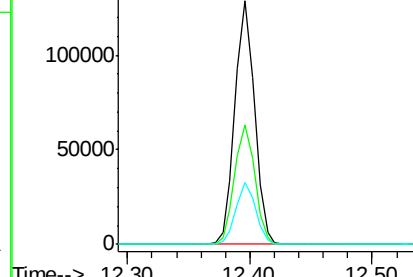
134 25.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX000089.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX000089.D (-1931) (-)



#90

Hexachloroethane

Concen: 20.32 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000163.D

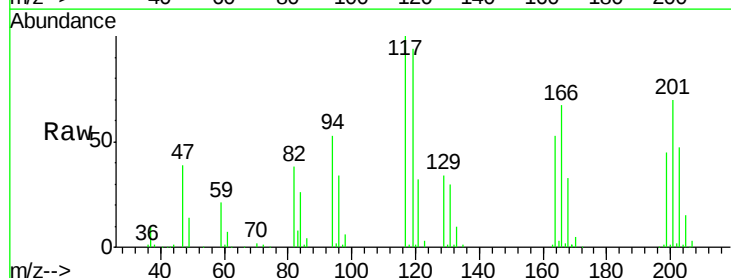
Acq: 28 Feb 2018 12:53

Tgt Ion: 117 Resp: 24005

Ion Ratio Lower Upper

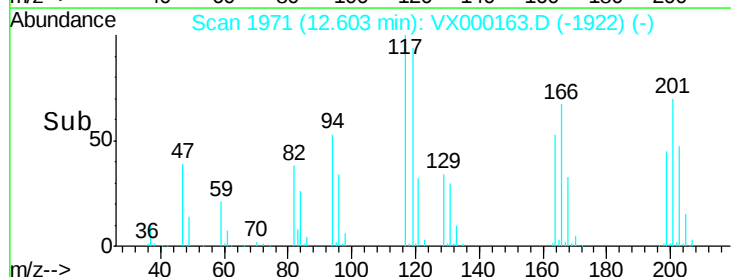
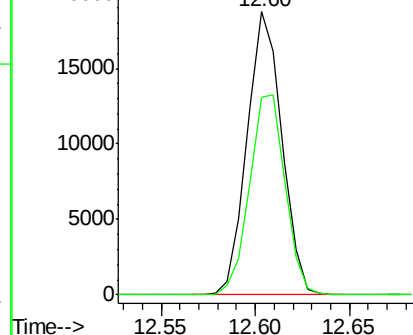
117 100

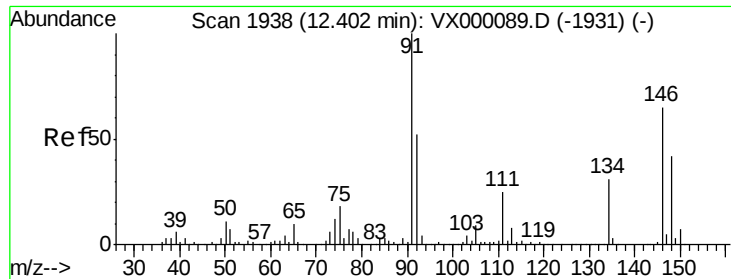
201 72.2 41.1 123.4



Abundance Ion 116.80 (116.50 to 117.50): VX000089.D (-1965) (-)

Ion 200.70 (200.40 to 201.40): VX000089.D (-1965) (-)

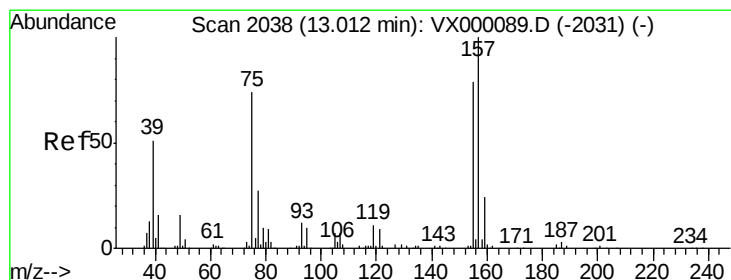
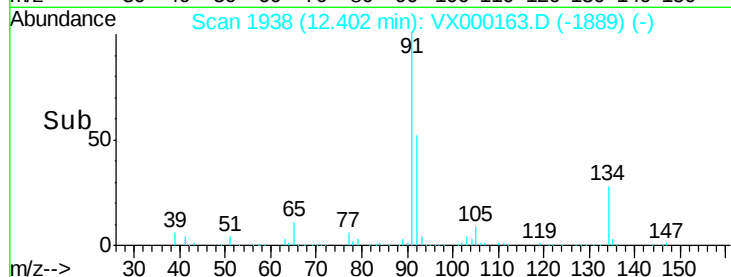
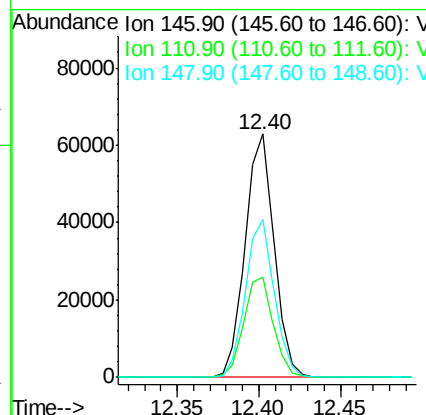
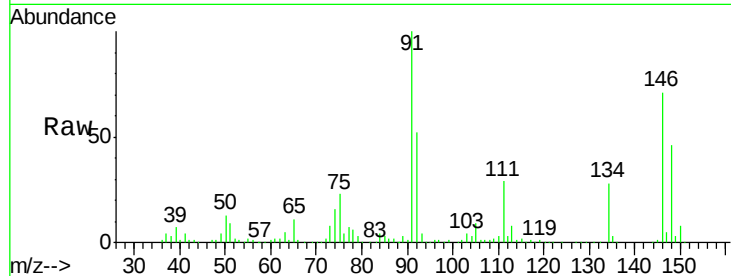




#91
1,2-Dichlorobenzene
Concen: 19.96 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

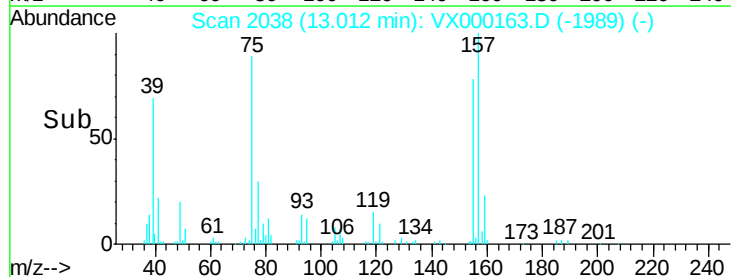
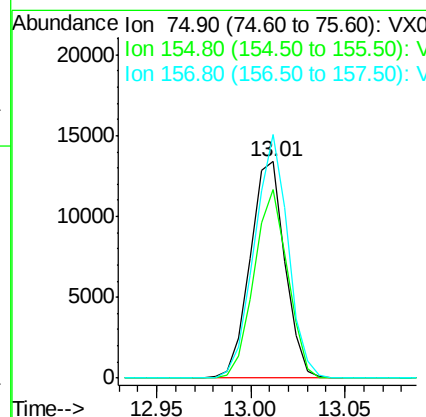
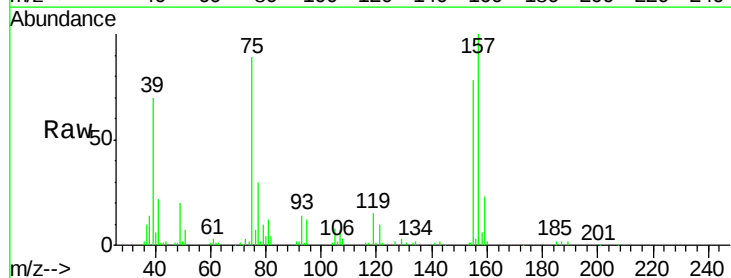
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

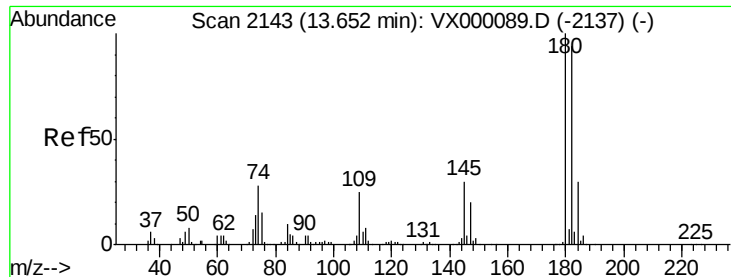
Tgt Ion:146 Resp: 78219
Ion Ratio Lower Upper
146 100
111 41.8 19.6 58.8
148 64.5 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.27 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000163.D
Acq: 28 Feb 2018 12:53

Tgt Ion: 75 Resp: 17227
Ion Ratio Lower Upper
75 100
155 83.9 49.3 147.9
157 108.1 63.7 191.1

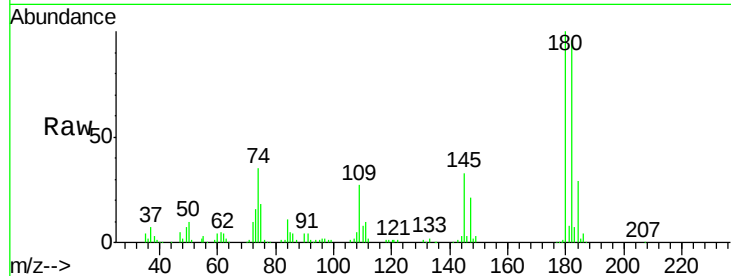




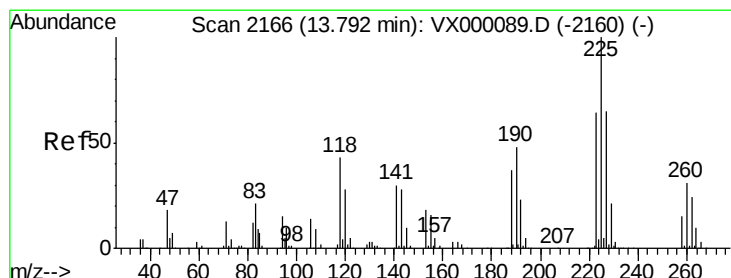
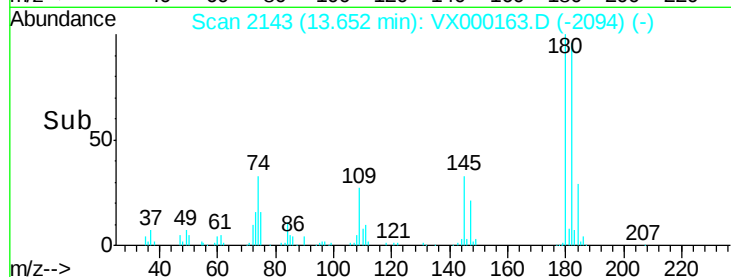
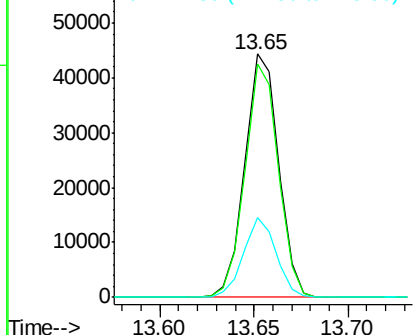
#93
 1,2,4-Trichlorobenzene
 Concen: 18.79 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tgt Ion:180 Resp: 55252
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.4
 145 31.7 14.7 44.1

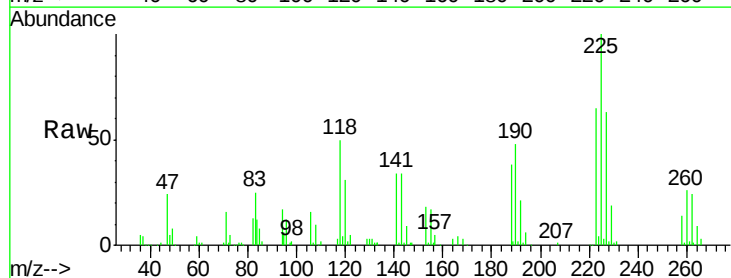


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

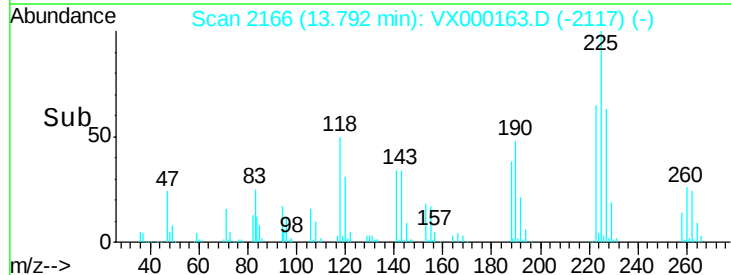
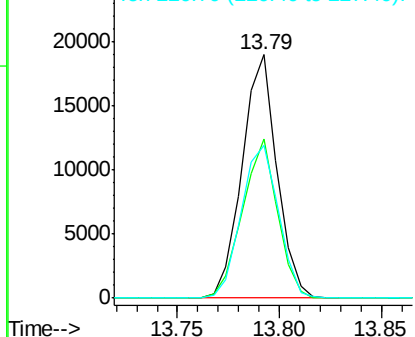


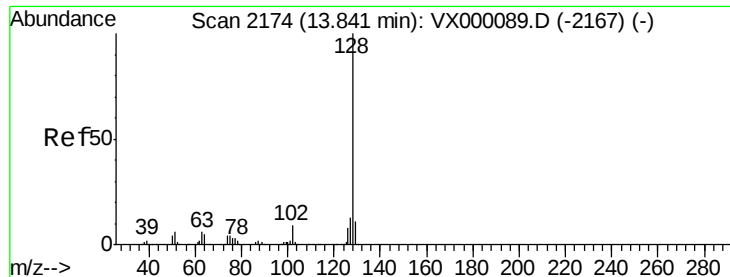
#94
 Hexachlorobutadiene
 Concen: 17.59 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000163.D
 Acq: 28 Feb 2018 12:53

Tgt Ion:225 Resp: 22573
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.9 95.7
 227 67.1 32.8 98.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

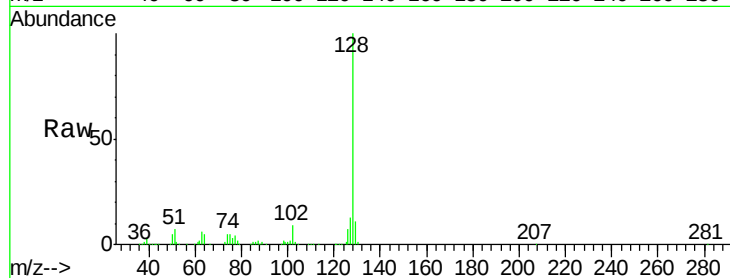
Tgt Ion:128 Resp: 206153

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

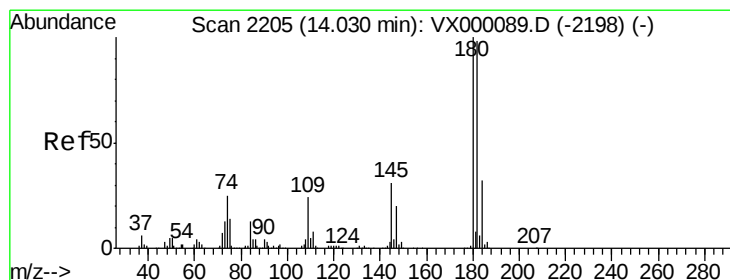
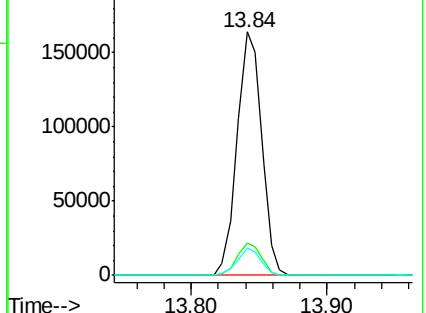
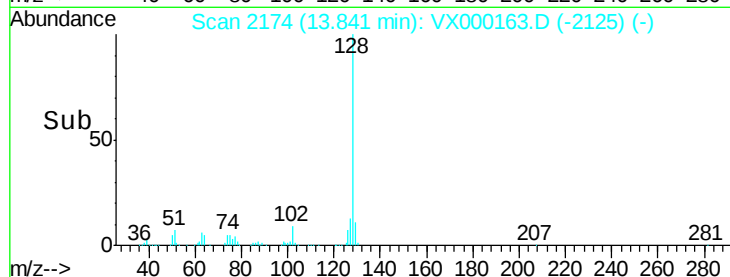
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.48 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000163.D

Acq: 28 Feb 2018 12:53

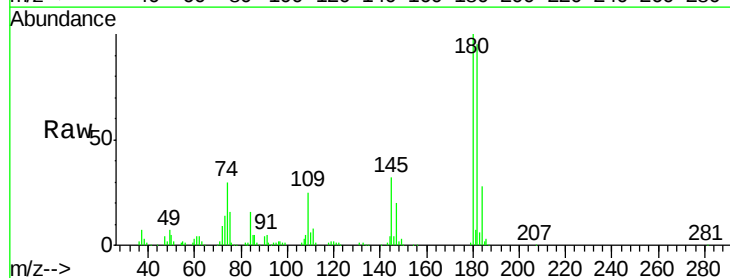
Tgt Ion:180 Resp: 56548

Ion Ratio Lower Upper

180 100

182 92.3 48.2 144.6

145 32.3 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

