

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000379.D
 Acq On : 21 Mar 2018 12:40
 Operator : JC/MD
 Sample : VX0321WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Quant Time: Mar 22 05:27:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	115323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80018	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	60183	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.73	98	244338	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.15	95	87994	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	25652	20.18	ug/l	94
3) Chloromethane	1.32	50	26520	19.81	ug/l	94
4) Vinyl Chloride	1.41	62	29953	21.17	ug/l	96
5) Bromomethane	1.65	94	25925	15.34	ug/l	93
6) Chloroethane	1.73	64	19006	23.66	ug/l	96
7) Trichlorofluoromethane	1.94	101	51044	19.99	ug/l	96
8) Diethyl Ether	2.20	74	19266	21.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28679	20.14	ug/l	99
10) Methyl Iodide	2.52	142	25199	20.61	ug/l	98
11) Tert butyl alcohol	3.07	59	52610	101.60	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25994	20.80	ug/l	94
13) Acrolein	2.30	56	14921	99.56	ug/l	100
14) Allyl chloride	2.73	41	46797	21.14	ug/l	99
15) Acrylonitrile	3.15	53	107872	102.86	ug/l	99
16) Acetone	2.45	43	128215	102.39	ug/l	98
17) Carbon Disulfide	2.57	76	66193	19.92	ug/l	99
18) Methyl Acetate	2.78	43	56582	21.55	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	97645	21.12	ug/l	100
20) Methylene Chloride	2.87	84	30015	20.75	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	27577	19.78	ug/l	91
22) Diisopropyl ether	3.88	45	74540	19.08	ug/l	99
23) Vinyl Acetate	3.84	43	340246	91.85	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53200	21.65	ug/l	100
25) 2-Butanone	4.71	43	142998	101.59	ug/l	100
26) 2,2-Dichloropropane	4.60	77	35723	20.75	ug/l	98
27) cis-1,2-Dichloroethene	4.62	96	26919	20.66	ug/l	99
28) Bromochloromethane	5.03	49	19287	19.04	ug/l	100
29) Tetrahydrofuran	5.18	42	85598	98.84	ug/l	99
30) Chloroform	5.23	83	47651	20.70	ug/l	99
31) Cyclohexane	5.59	56	37198	19.59	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	41304	19.89	ug/l	98
36) 1,1-Dichloropropene	5.81	75	33550	18.92	ug/l	97
37) Ethyl Acetate	4.87	43	47825	19.75	ug/l	99
38) Carbon Tetrachloride	5.80	117	34985	18.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40992	19.01	ug/l	97
40) Benzene	6.15	78	103489	20.10	ug/l	98
41) Methacrylonitrile	5.07	41	24553	19.23	ug/l	97
42) 1,2-Dichloroethane	6.21	62	40661	20.13	ug/l	100
43) Isopropyl Acetate	6.48	43	72065	19.99	ug/l	98
44) Trichloroethene	7.22	130	28587	19.38	ug/l	98
45) 1,2-Dichloropropane	7.52	63	27668	20.99	ug/l	99
46) Dibromomethane	7.67	93	21026	20.32	ug/l	99
47) Bromodichloromethane	7.91	83	37321	20.50	ug/l	99
48) Methyl methacrylate	7.79	41	35142	20.08	ug/l	98
49) 1,4-Dioxane	7.77	88	13958	379.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	274644	98.41	ug/l	99
52) Toluene	8.79	92	71497	19.86	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	43064	20.42	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	40565	19.83	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	29397	19.86	ug/l	97
56) Ethyl methacrylate	9.19	69	43565	19.42	ug/l	97
57) 1,3-Dichloropropane	9.38	76	48870	20.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	115630	107.40	ug/l	98
59) 2-Hexanone	9.51	43	234062	98.77	ug/l	98
60) Dibromochloromethane	9.59	129	30516	20.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	31574	19.89	ug/l	98
64) Tetrachloroethene	9.34	164	29429	20.34	ug/l	96
65) Chlorobenzene	10.15	112	80197	19.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28786	20.43	ug/l	99
67) Ethyl Benzene	10.26	91	139127	19.78	ug/l	98
68) m/p-Xylenes	10.37	106	106745	38.56	ug/l	100
69) o-Xylene	10.71	106	52195	19.48	ug/l	99
70) Styrene	10.72	104	84283	19.01	ug/l	99
71) Bromoform	10.87	173	23043	18.96	ug/l #	97
73) Isopropylbenzene	11.02	105	142368	21.59	ug/l	98
74) N-amyl acetate	6.48	43	72065	23.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	52433	22.48	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	59554	27.84	ug/l	84
77) Bromobenzene	11.26	156	35839	20.40	ug/l	99
78) n-propylbenzene	11.37	91	164372	20.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	94836	20.87	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	118600	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13063	19.77	ug/l	90
82) 4-Chlorotoluene	11.52	91	113768	20.97	ug/l	99
83) tert-Butylbenzene	11.78	119	116760	20.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	121738	20.94	ug/l	100
85) sec-Butylbenzene	11.96	105	145310	21.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	126047	20.51	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	65377	19.68	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	68695	19.69	ug/l	98
89) n-Butylbenzene	12.40	91	115520	20.19	ug/l	98
90) Hexachloroethane	12.60	117	20738	21.44	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	66960	20.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13836	21.27	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

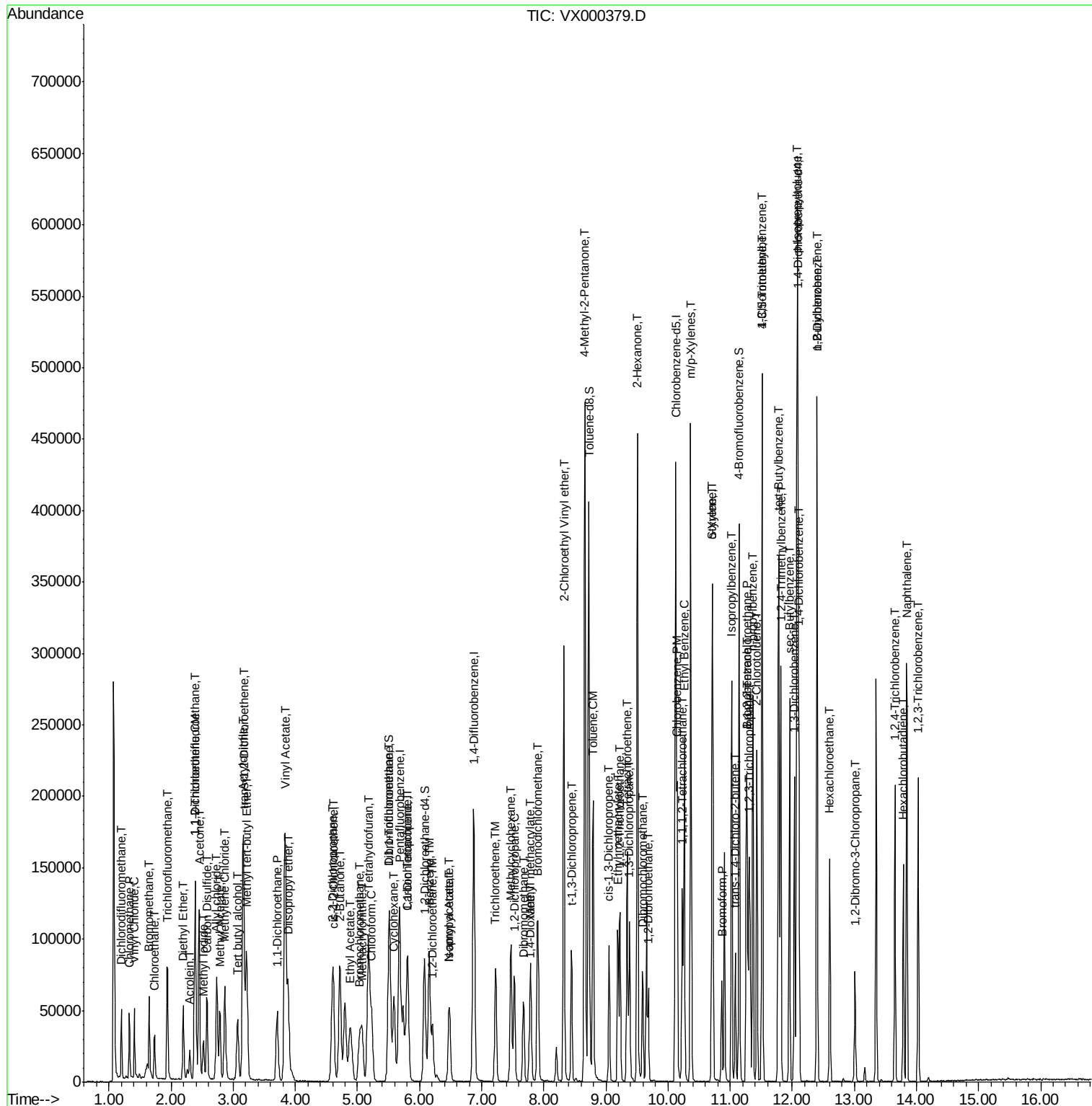
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46653	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	20260	20.96	ug/l	97
95) Naphthalene	13.84	128	172536	21.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47780	20.71	ug/l	99

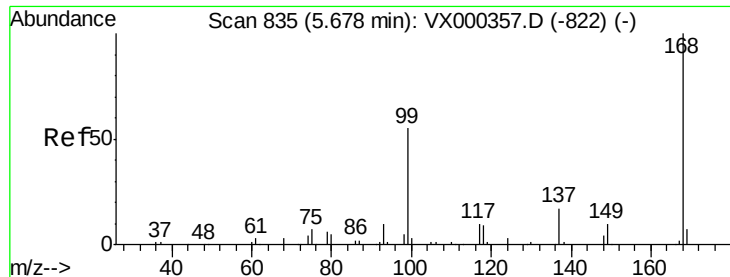
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On    : 21 Mar 2018  12:40  
Operator  : JC/MD  
Sample    : VX0321WBSD02  
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```

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

Quant Time: Mar 22 05:27:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
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: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

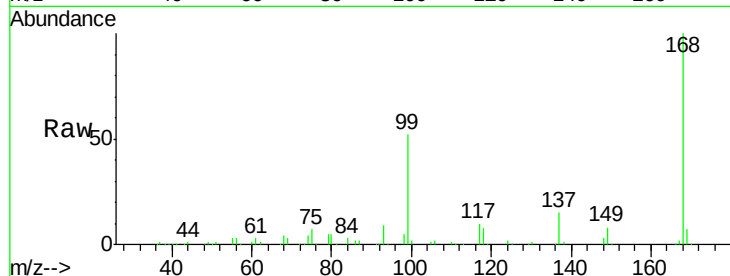
VX0321WBSD02

Tgt Ion:168 Resp: 115323

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

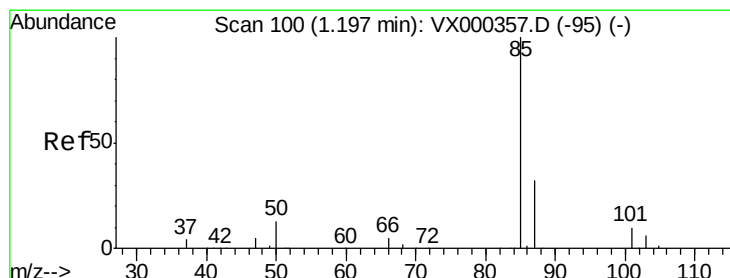
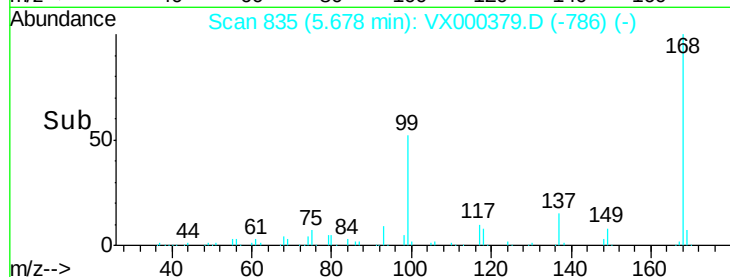
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000379.D

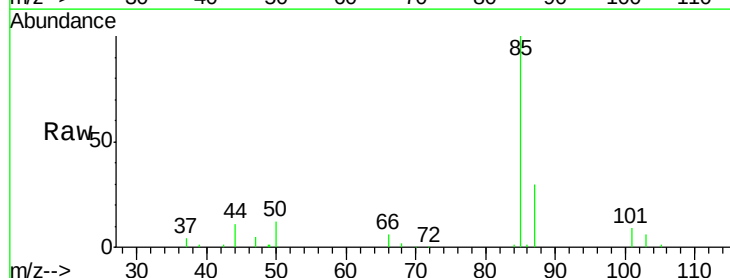
Acq: 21 Mar 2018 12:40

Tgt Ion: 85 Resp: 25652

Ion Ratio Lower Upper

85 100

87 30.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

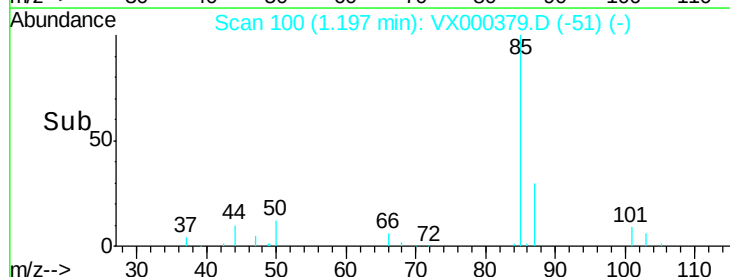
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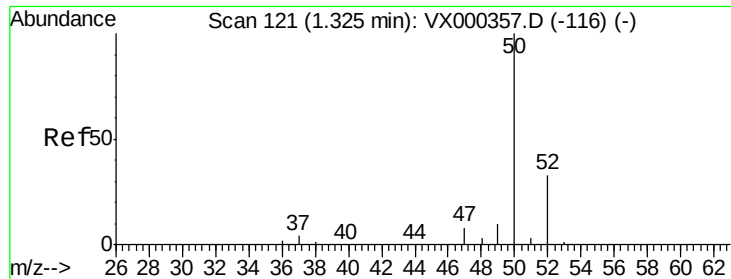
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

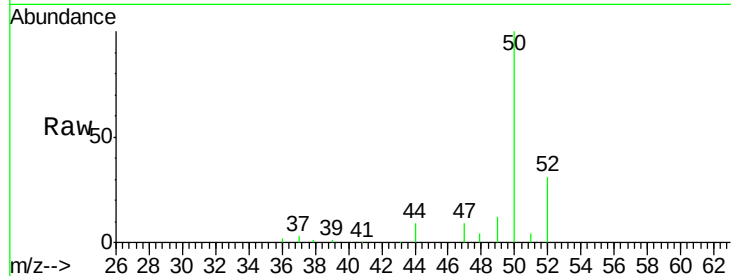
VX0321WBSD02

Tgt Ion: 50 Resp: 26520

Ion Ratio Lower Upper

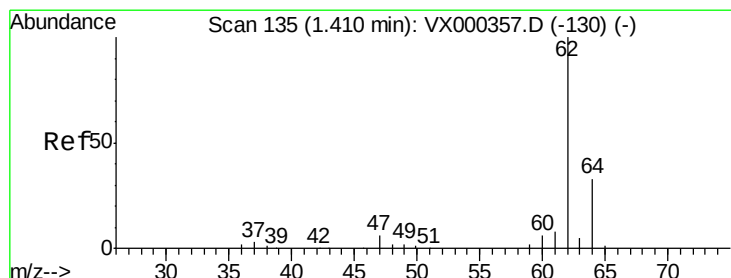
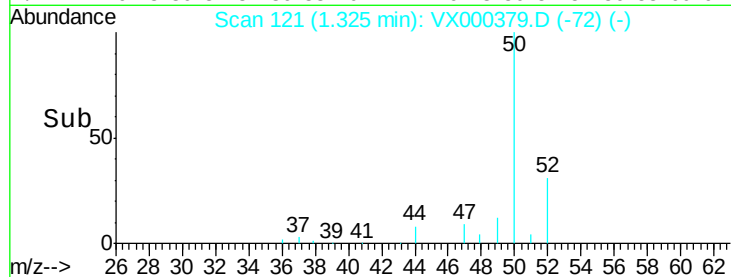
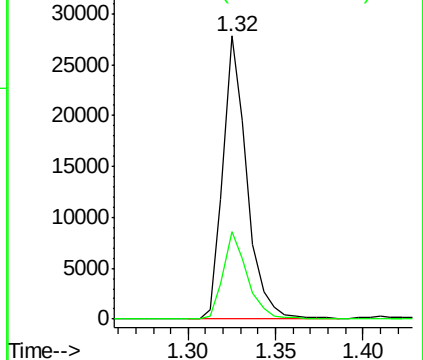
50 100

52 31.0 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.17 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000379.D

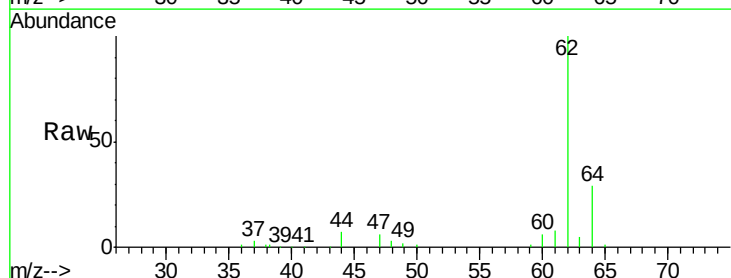
Acq: 21 Mar 2018 12:40

Tgt Ion: 62 Resp: 29953

Ion Ratio Lower Upper

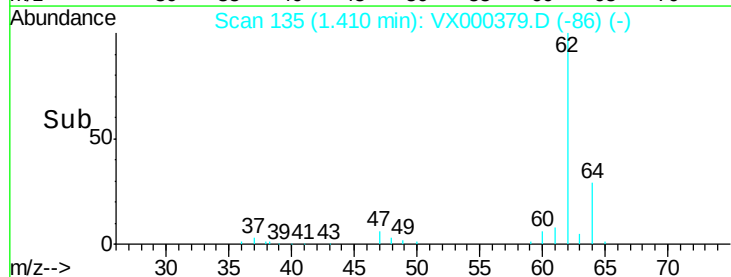
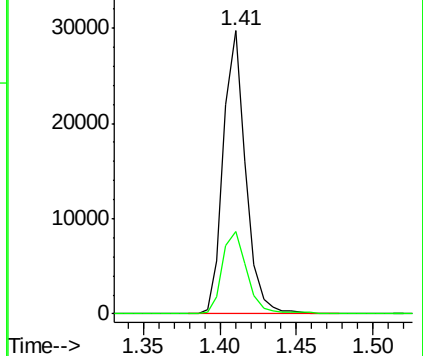
62 100

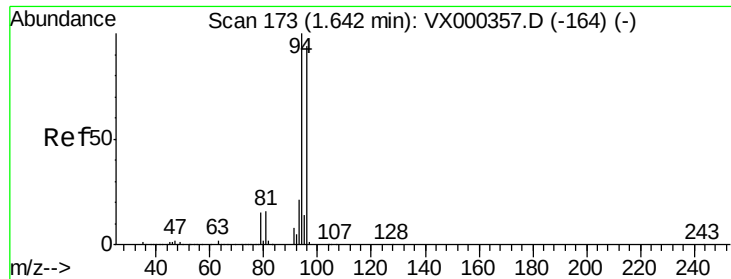
64 29.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.34 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

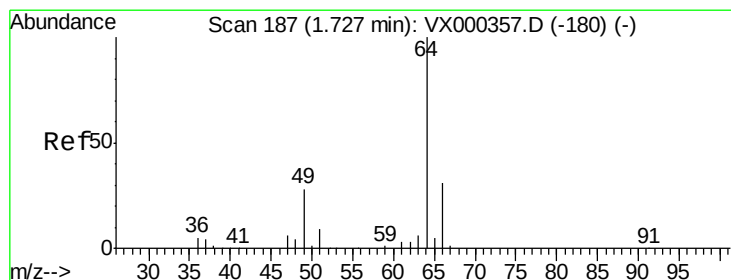
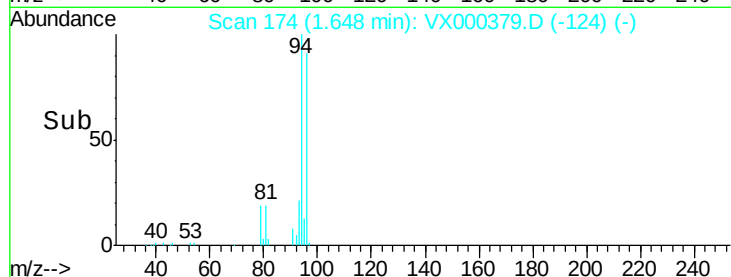
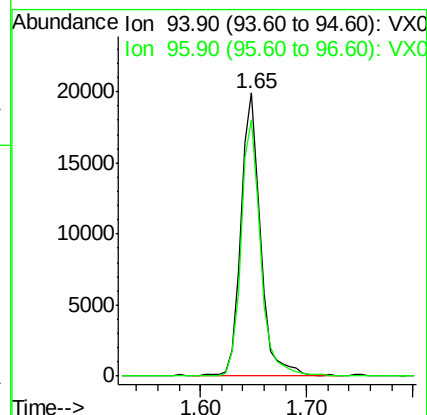
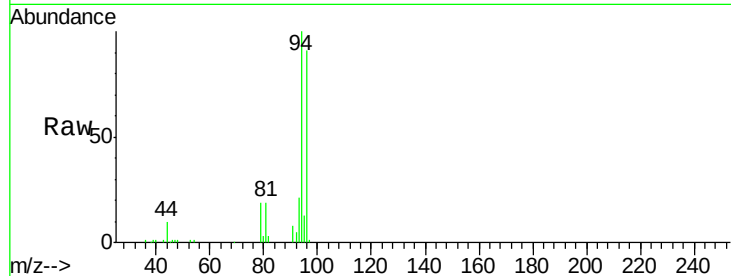
VX0321WBSD02

Tgt Ion: 94 Resp: 25925

Ion Ratio Lower Upper

94 100

96 90.5 77.7 116.5



#6

Chloroethane

Concen: 23.66 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000379.D

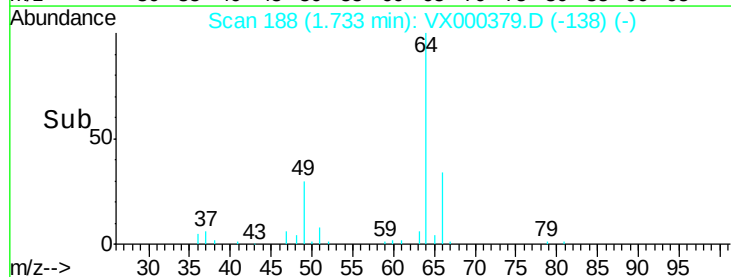
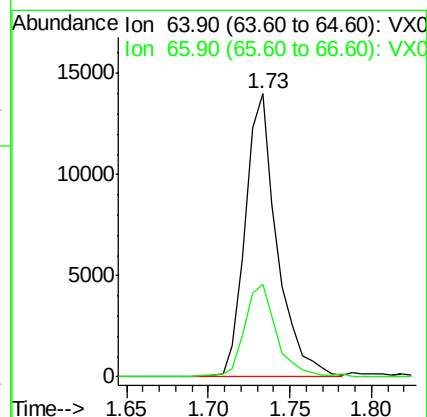
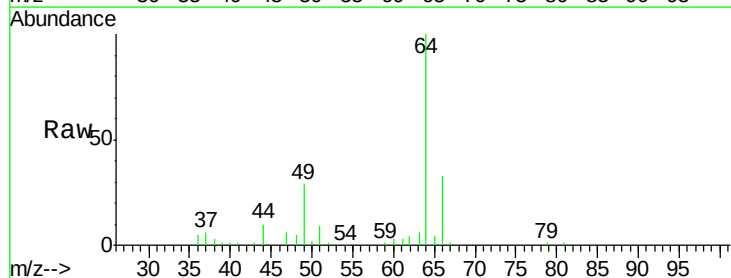
Acq: 21 Mar 2018 12:40

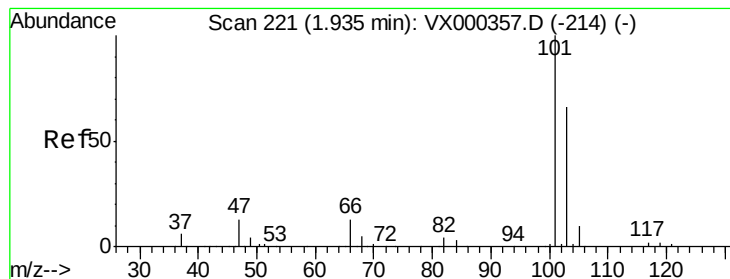
Tgt Ion: 64 Resp: 19006

Ion Ratio Lower Upper

64 100

66 32.9 24.8 37.2



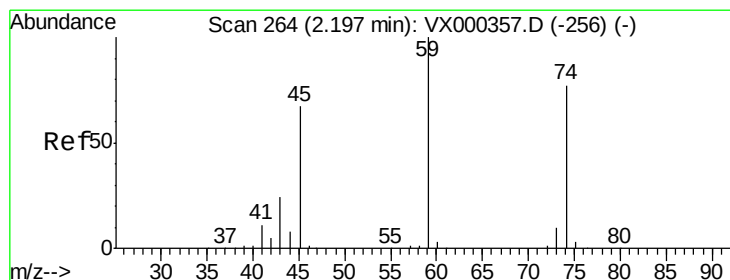
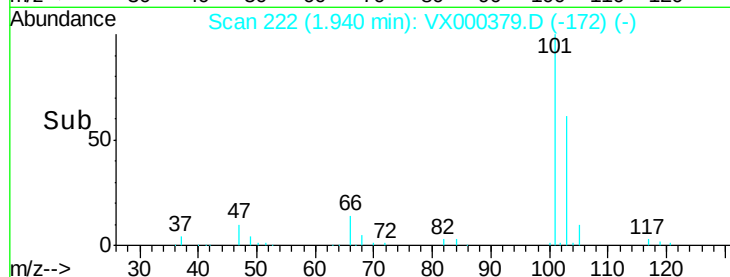
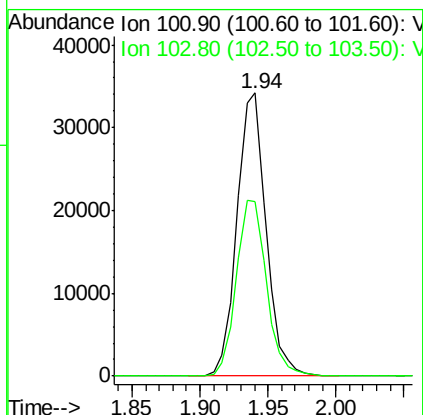
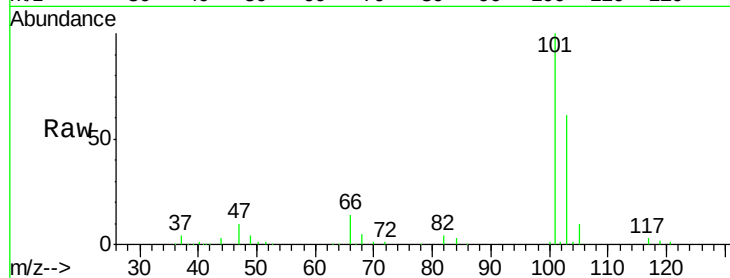


#7

Trichlorofluoromethane
 Concen: 19.99 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

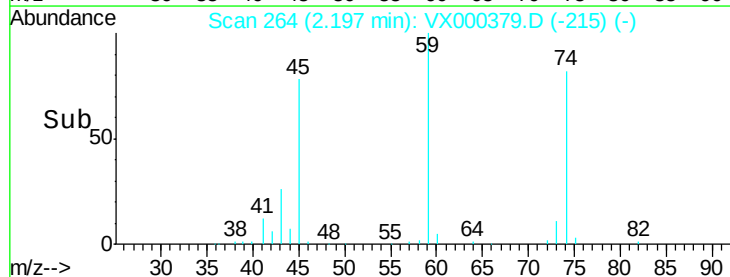
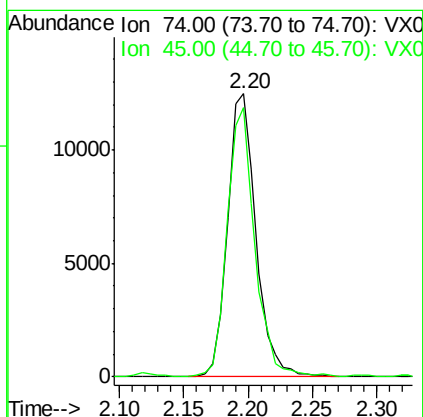
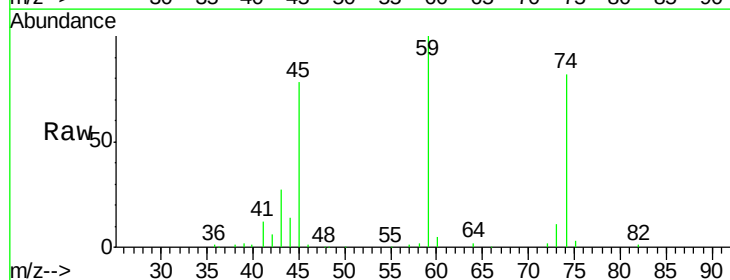
Tgt Ion: 101 Resp: 51044
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.6 77.4

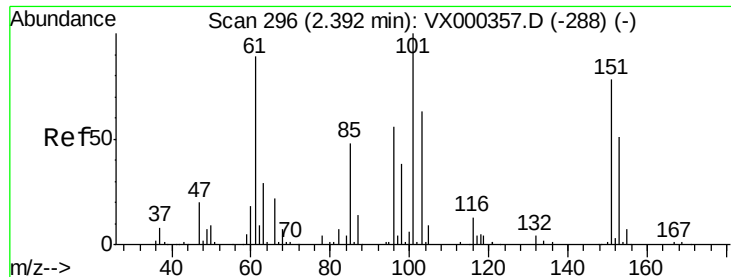


#8

Diethyl Ether
 Concen: 21.11 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 74 Resp: 19266
 Ion Ratio Lower Upper
 74 100
 45 93.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.14 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

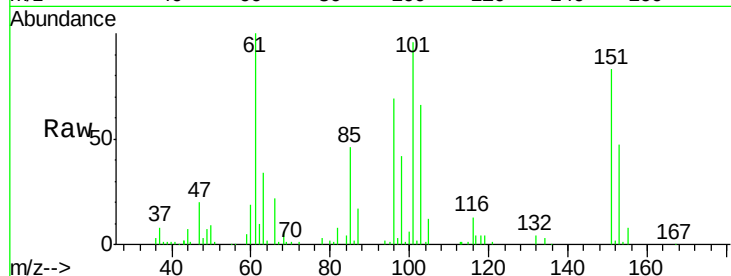
Tgt Ion:101 Resp: 28679

Ion Ratio Lower Upper

101 100

85 47.7 37.6 56.4

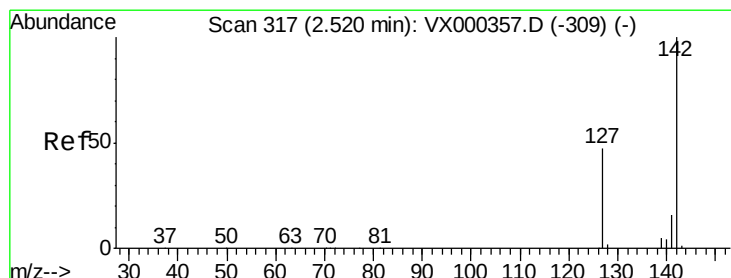
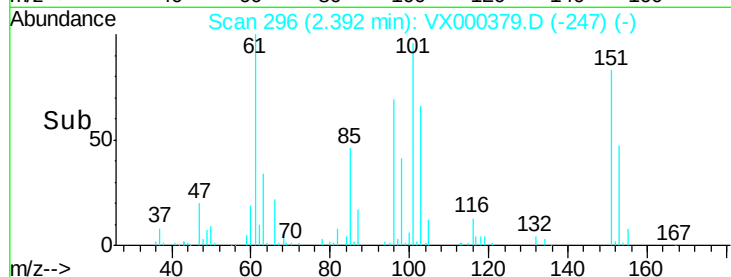
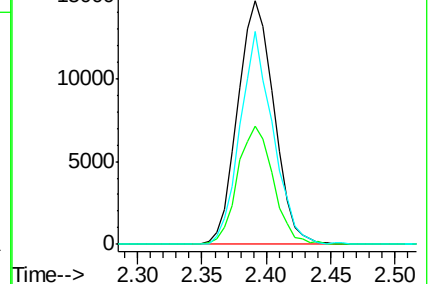
151 79.5 62.6 93.8



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: 20.61 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

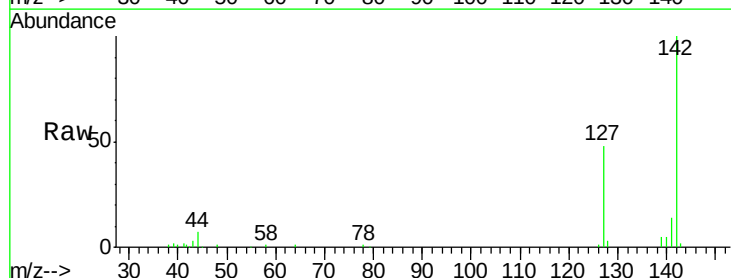
Tgt Ion:142 Resp: 25199

Ion Ratio Lower Upper

142 100

127 50.3 39.2 58.8

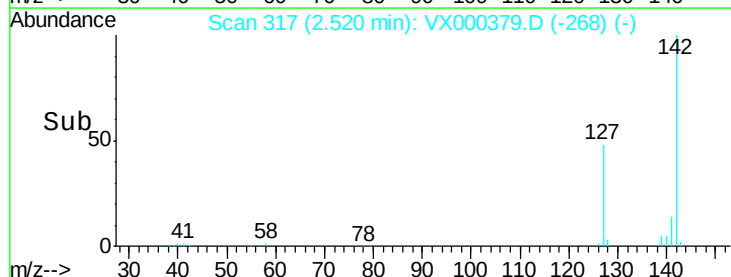
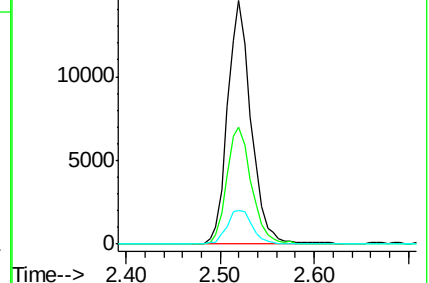
141 15.1 11.7 17.5

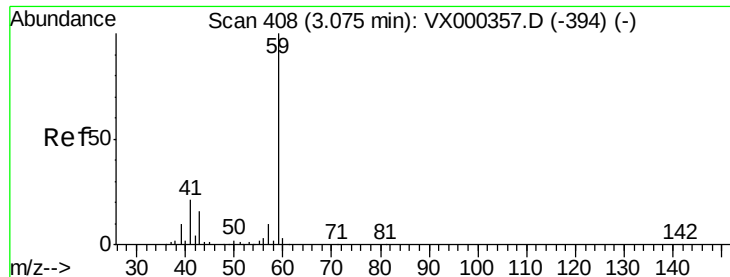


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

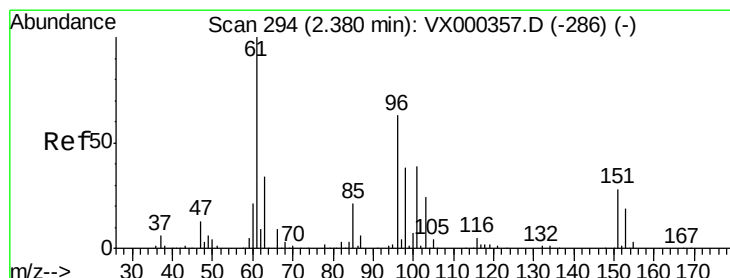
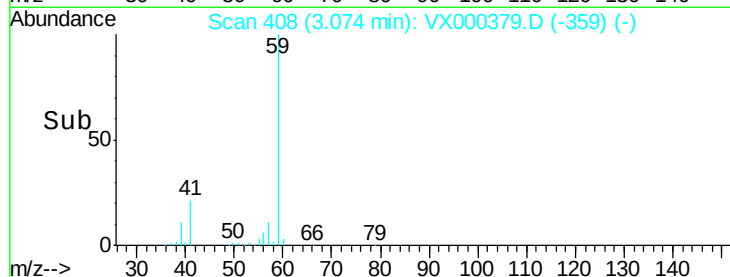
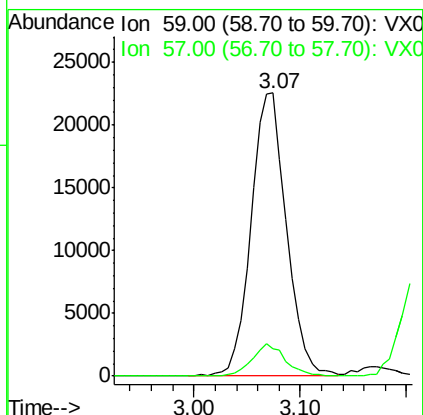
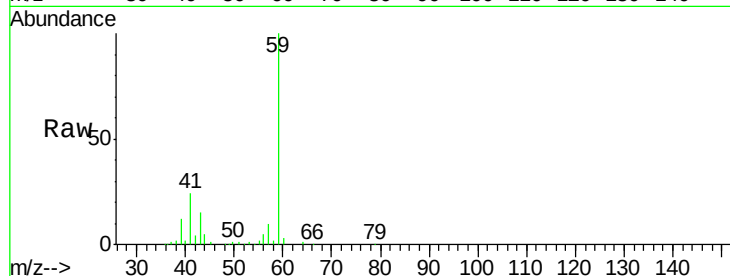




#11
Tert butyl alcohol
Concen: 101.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

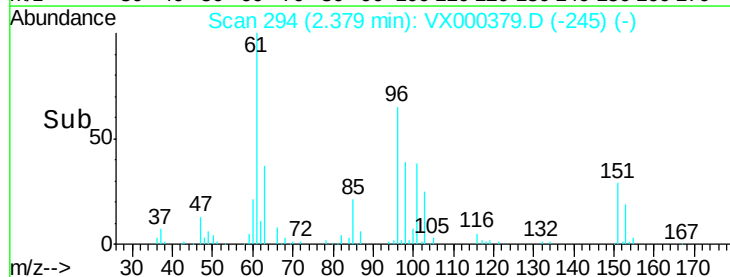
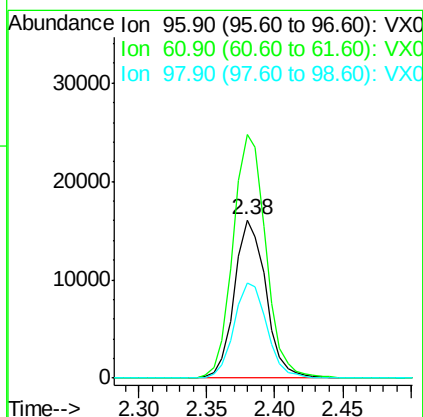
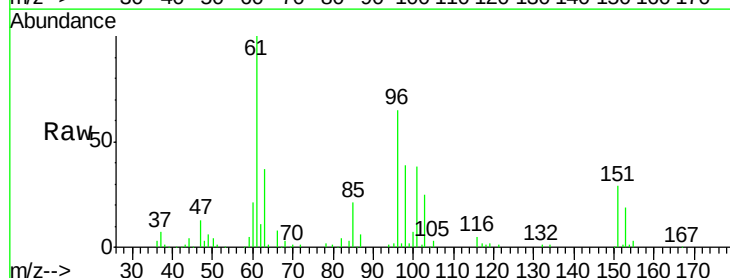
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

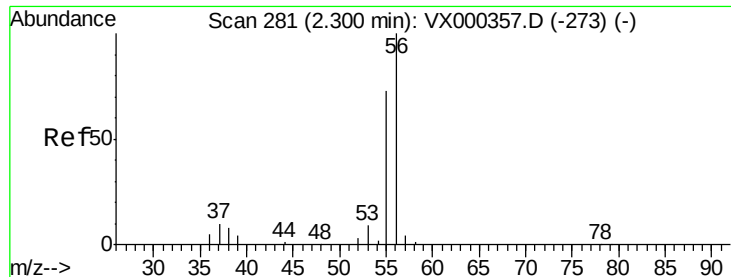
Tgt Ion: 59 Resp: 52610
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 96 Resp: 25994
Ion Ratio Lower Upper
96 100
61 153.8 131.2 196.8
98 60.3 49.8 74.8





#13

Acrolein

Concen: 99.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

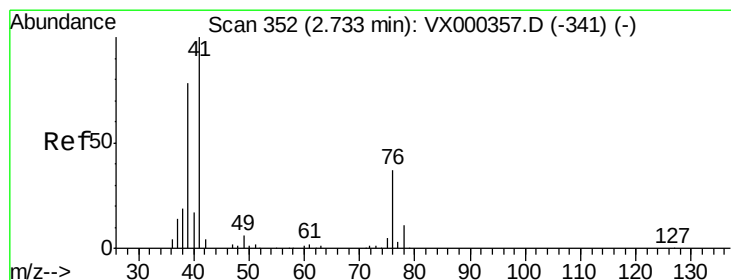
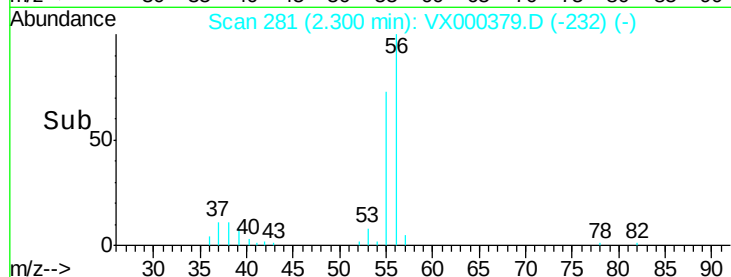
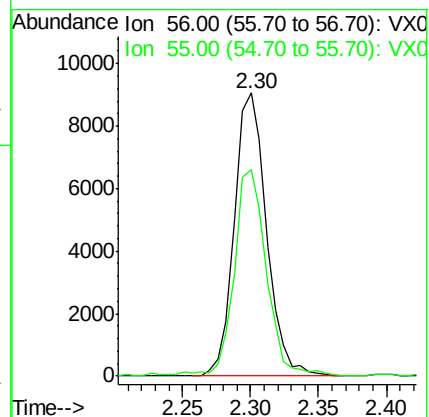
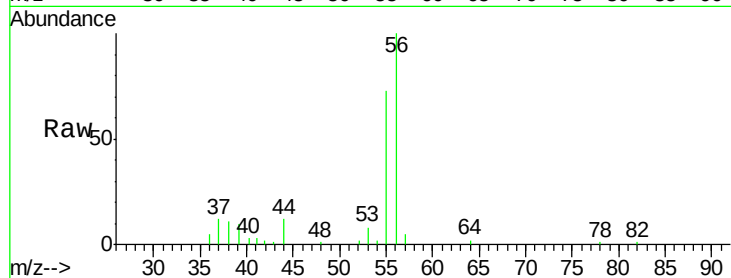
VX0321WBSD02

Tgt Ion: 56 Resp: 14921

Ion Ratio Lower Upper

56 100

55 73.9 58.8 88.2



#14

Allyl chloride

Concen: 21.14 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

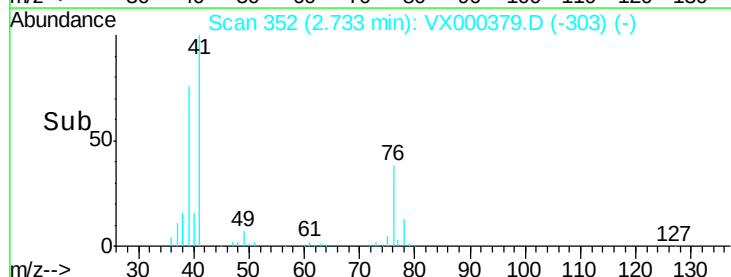
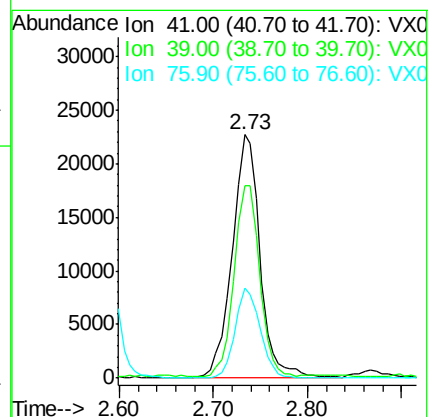
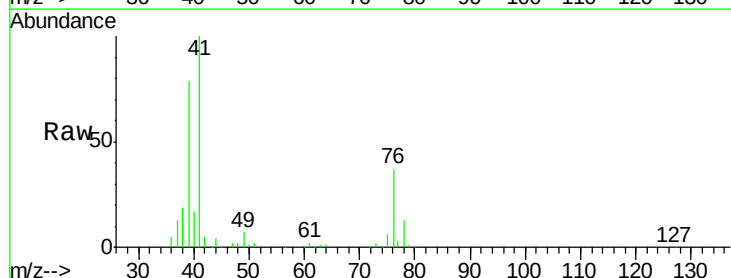
Tgt Ion: 41 Resp: 46797

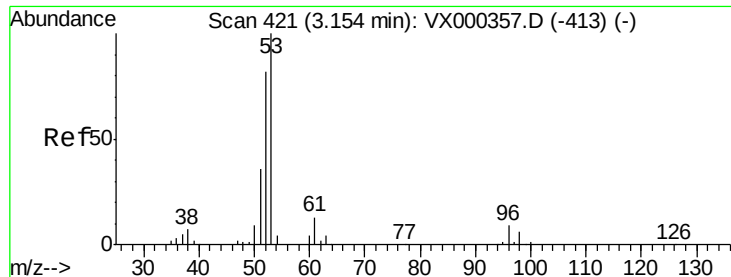
Ion Ratio Lower Upper

41 100

39 72.2 57.6 86.4

76 33.1 27.3 40.9





#15

Acrylonitrile

Concen: 102.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

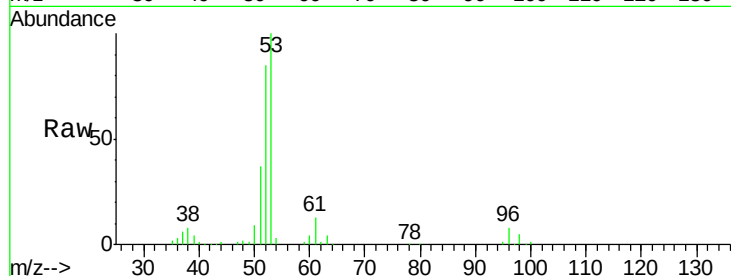
Tgt Ion: 53 Resp: 107872

Ion Ratio Lower Upper

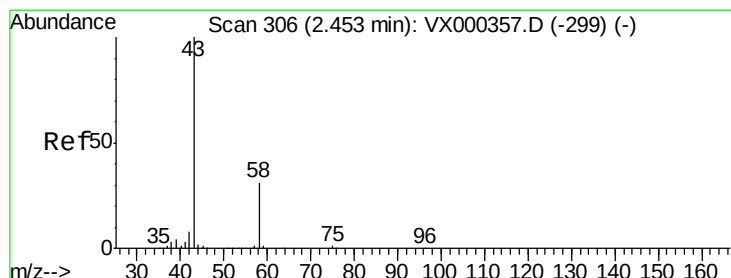
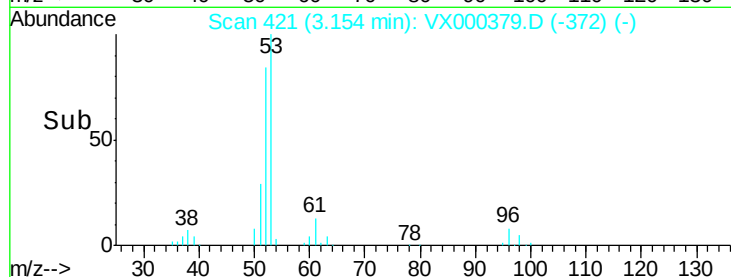
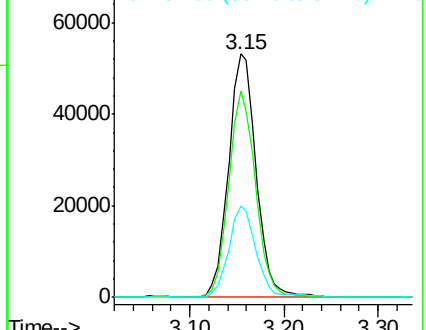
53 100

52 83.2 66.6 99.8

51 37.7 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.39 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000379.D

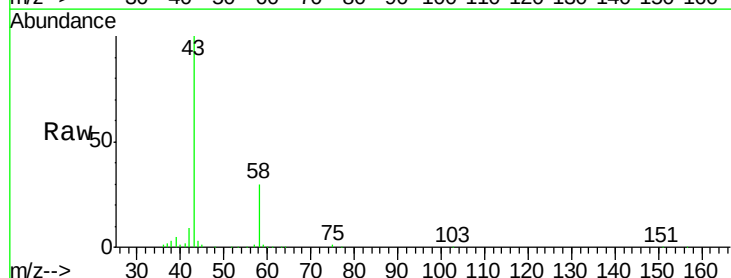
Acq: 21 Mar 2018 12:40

Tgt Ion: 43 Resp: 128215

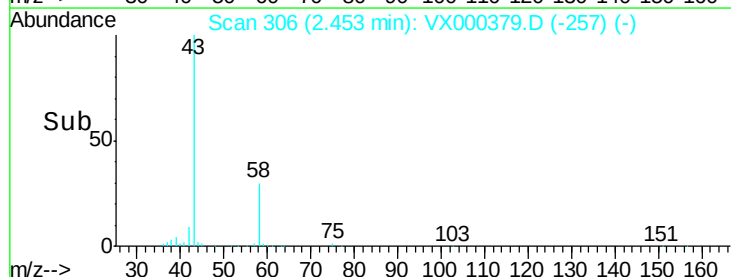
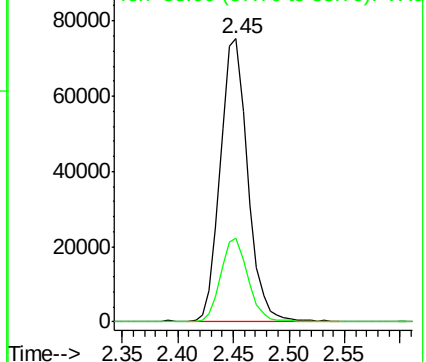
Ion Ratio Lower Upper

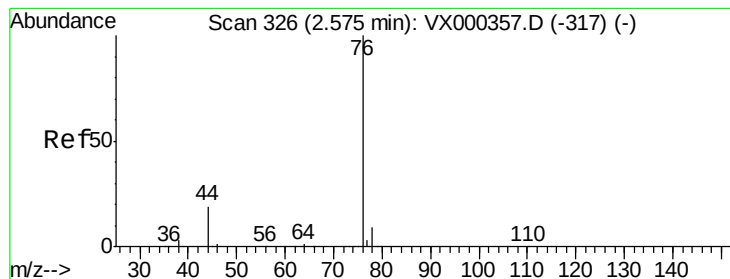
43 100

58 29.8 24.7 37.1



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





#17

Carbon Disulfide

Concen: 19.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

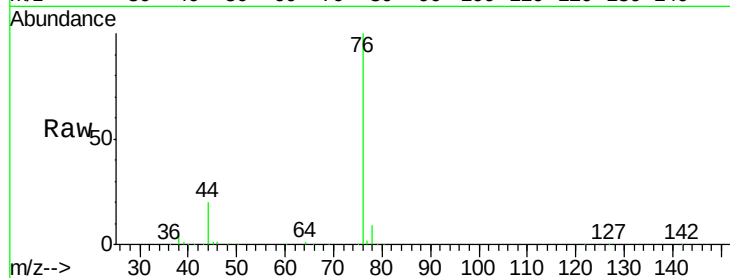
VX0321WBSD02

Tgt Ion: 76 Resp: 66193

Ion Ratio Lower Upper

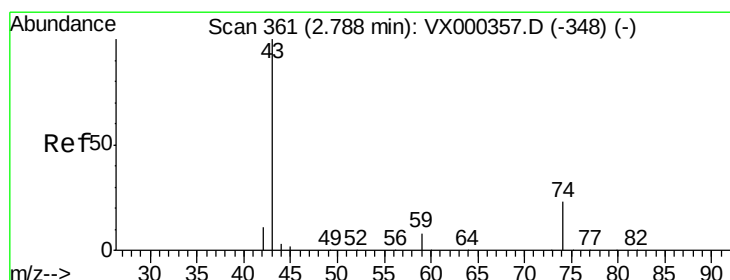
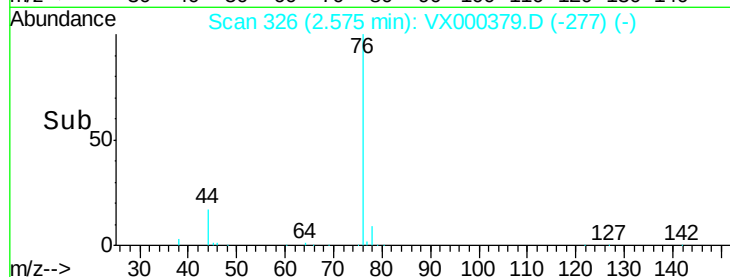
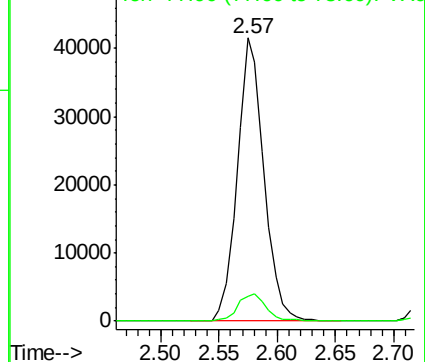
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.55 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000379.D

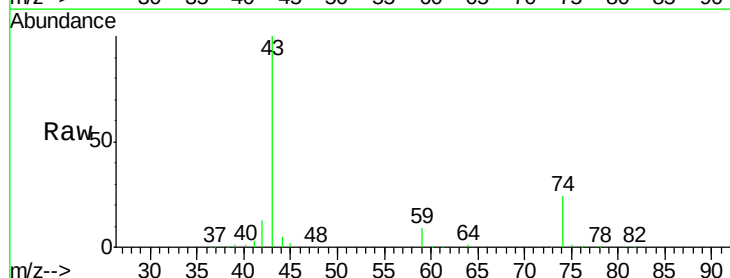
Acq: 21 Mar 2018 12:40

Tgt Ion: 43 Resp: 56582

Ion Ratio Lower Upper

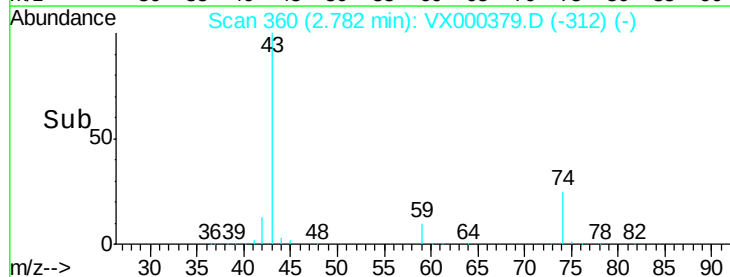
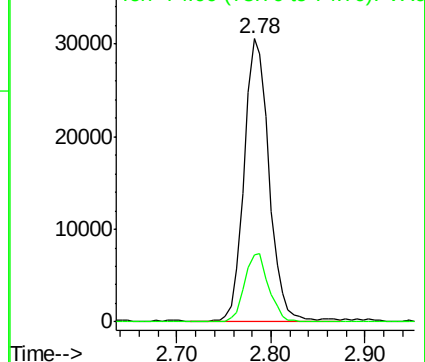
43 100

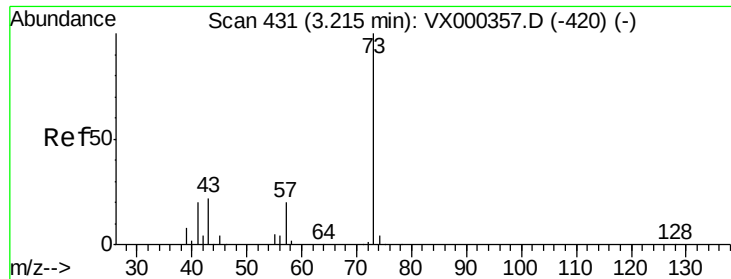
74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

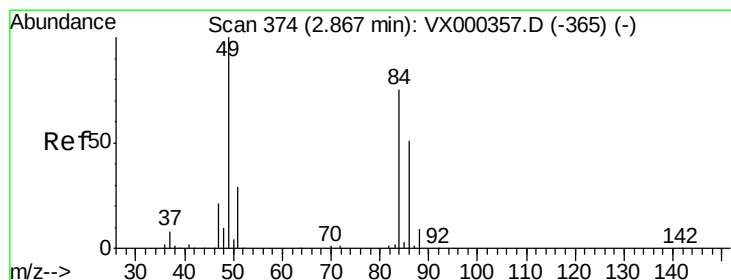
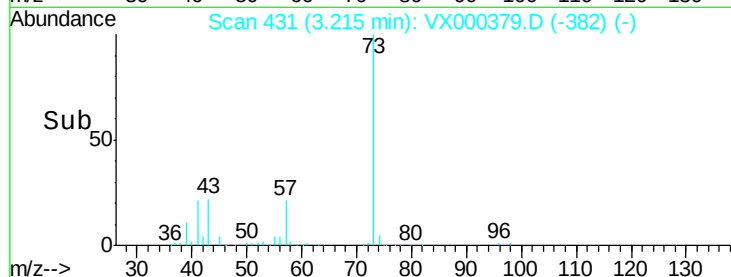
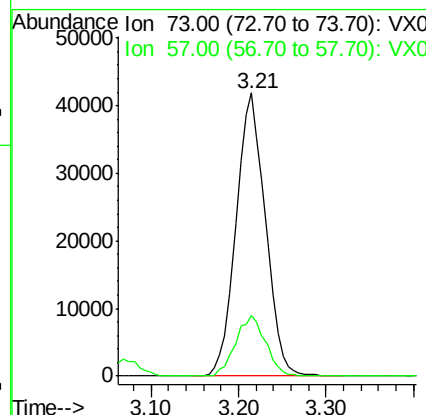
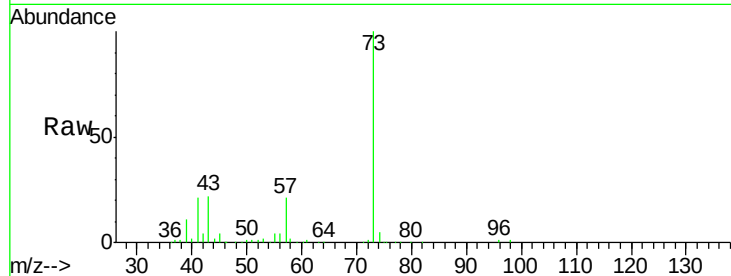




#19
Methyl tert-butyl Ether
Concen: 21.12 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

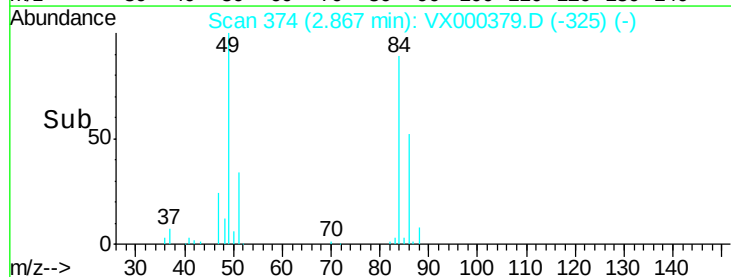
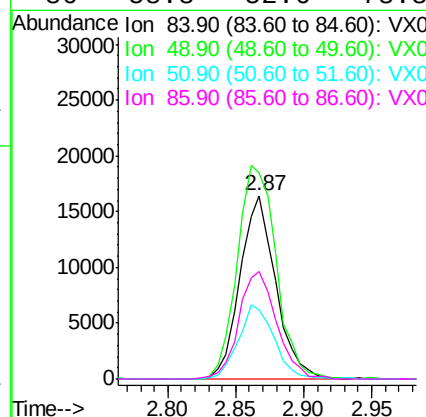
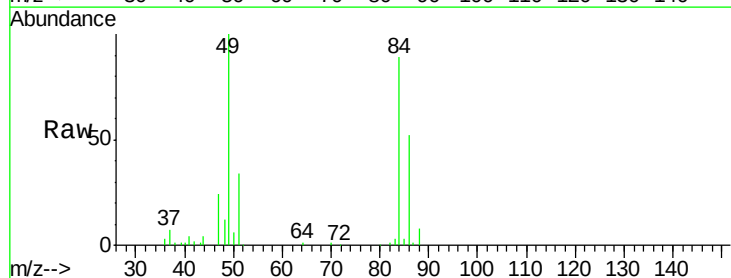
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

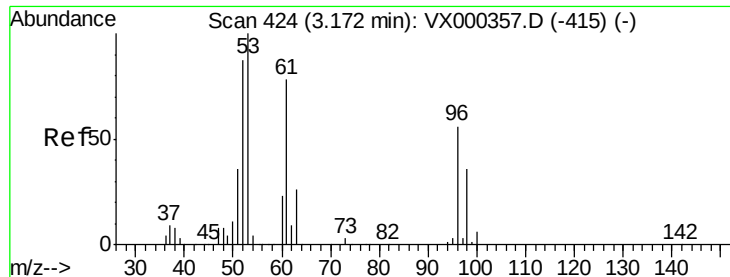
Tgt Ion: 73 Resp: 97645
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 20.75 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 84 Resp: 30015
Ion Ratio Lower Upper
84 100
49 112.7 100.6 151.0
51 38.0 31.6 47.4
86 58.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.78 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

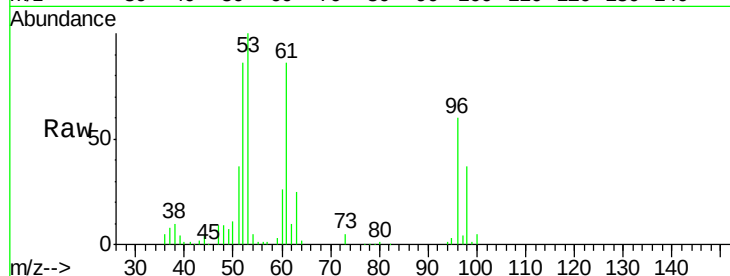
Tgt Ion: 96 Resp: 27577

Ion Ratio Lower Upper

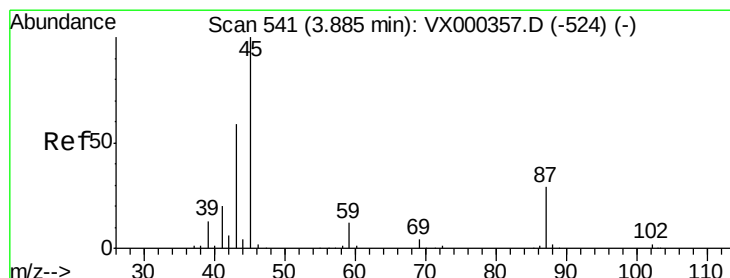
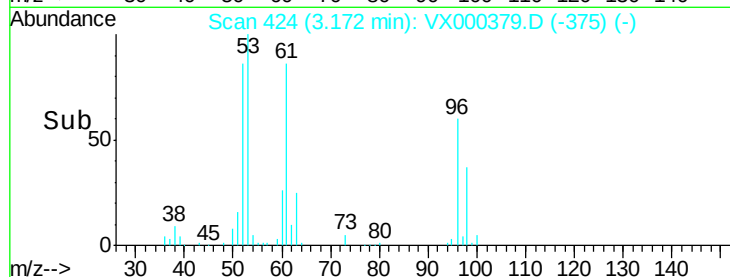
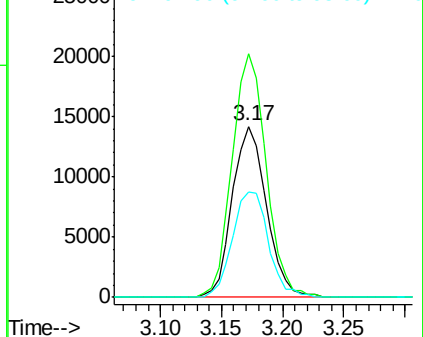
96 100

61 142.2 104.0 156.0

98 61.4 52.1 78.1



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



#22

Diisopropyl ether

Concen: 19.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Tgt Ion: 45 Resp: 74540

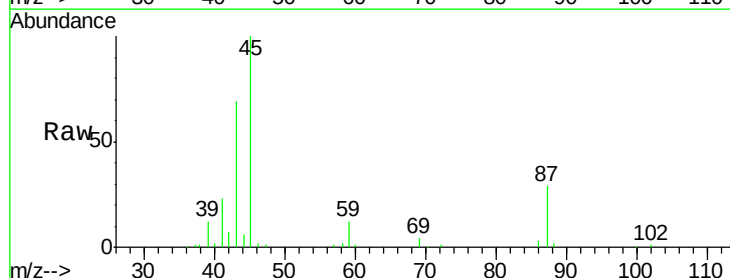
Ion Ratio Lower Upper

45 100

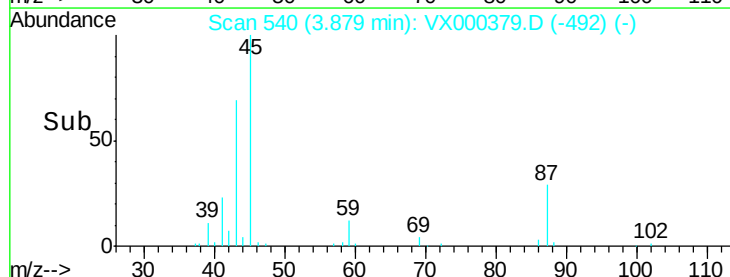
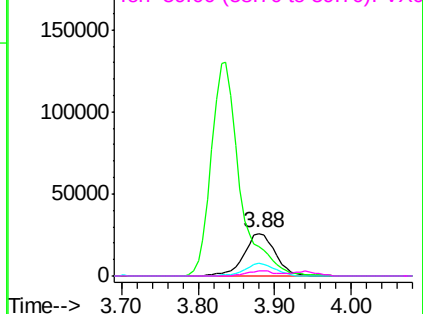
43 67.9 53.9 80.9

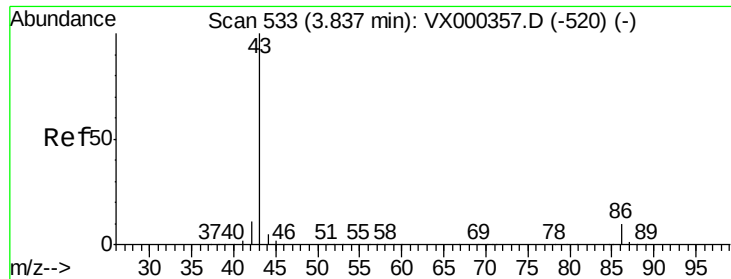
87 29.5 22.6 34.0

59 11.7 9.5 14.3



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: 91.85 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

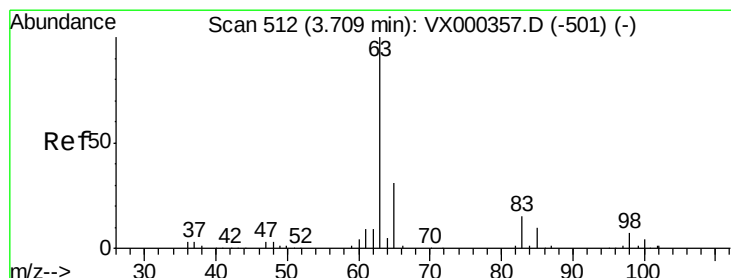
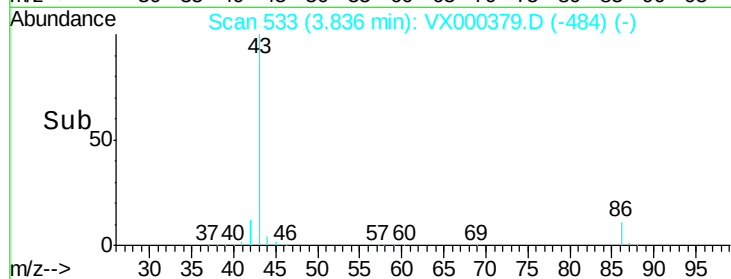
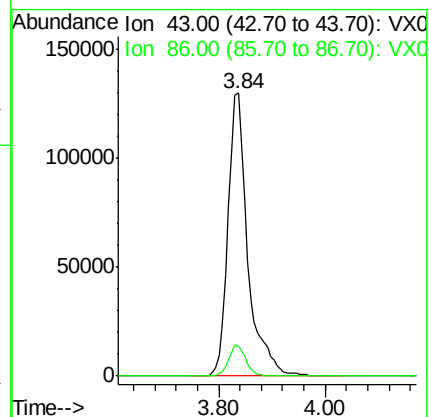
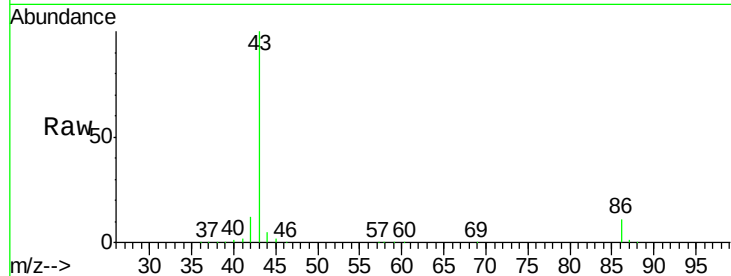
VX0321WBSD02

Tgt Ion: 43 Resp: 340246

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8



#24

1,1-Dichloroethane

Concen: 21.65 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

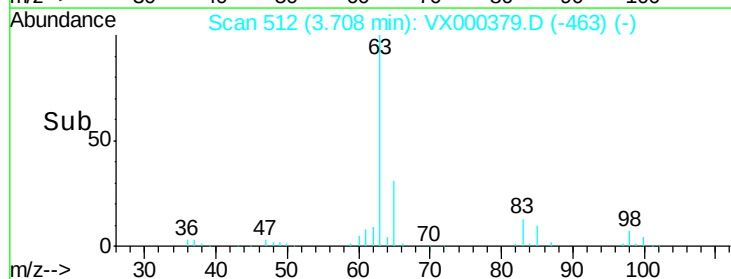
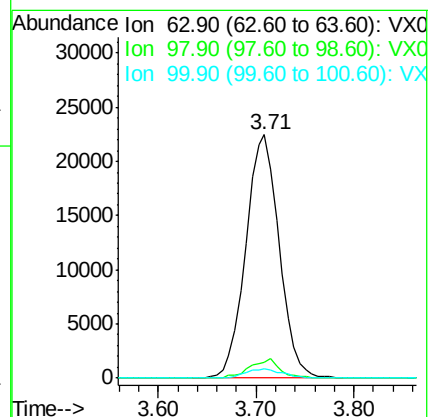
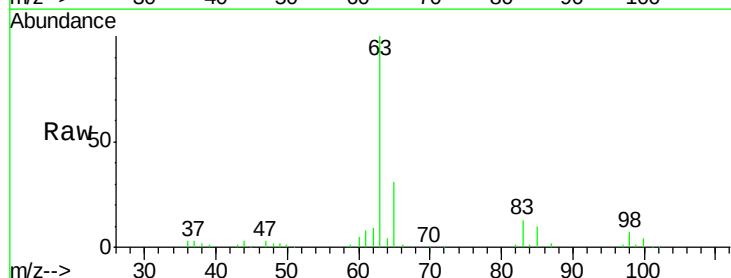
Tgt Ion: 63 Resp: 53200

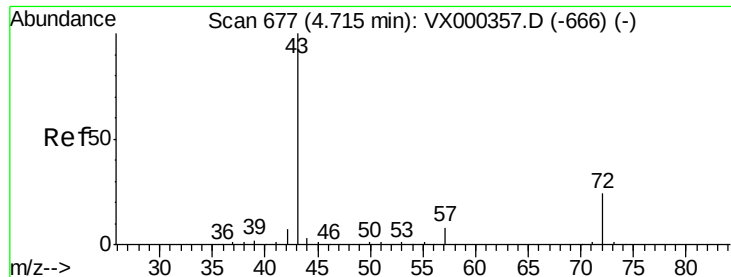
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 101.59 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

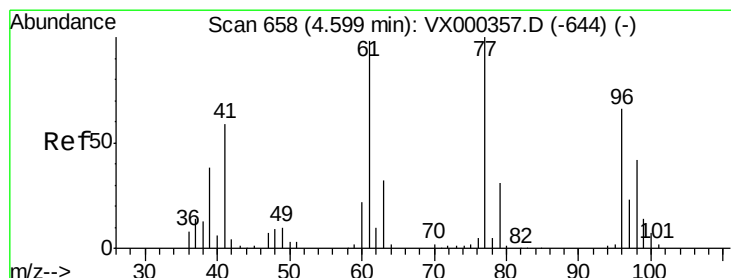
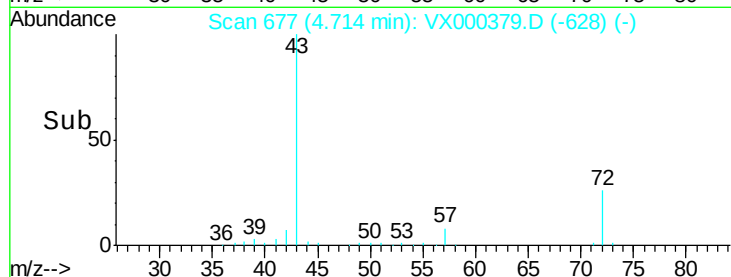
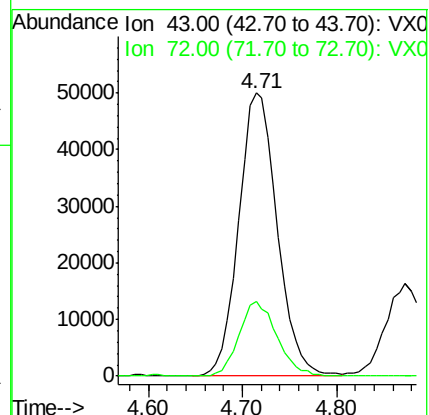
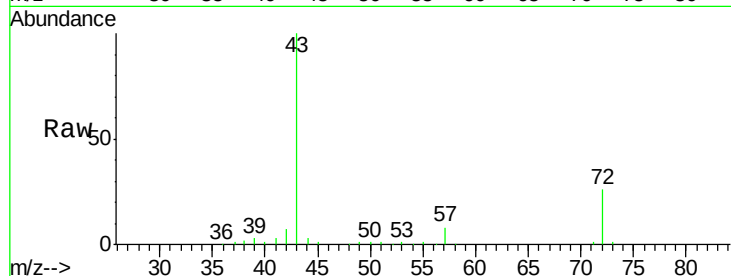
VX0321WBSD02

Tgt Ion: 43 Resp: 142998

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 20.75 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000379.D

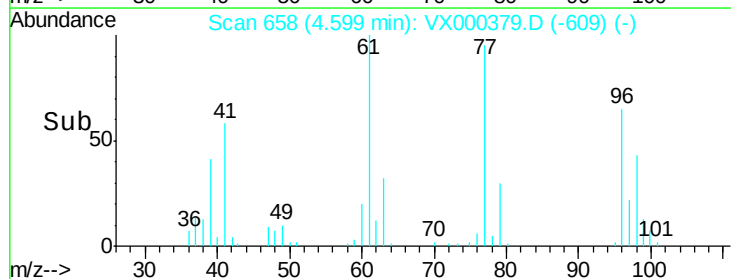
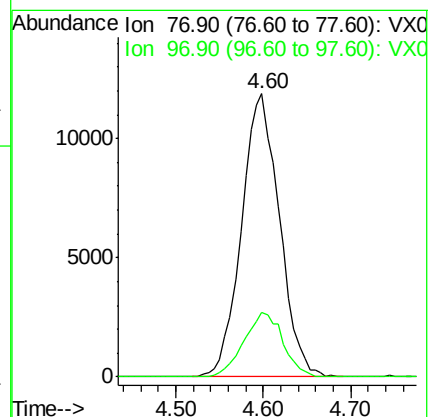
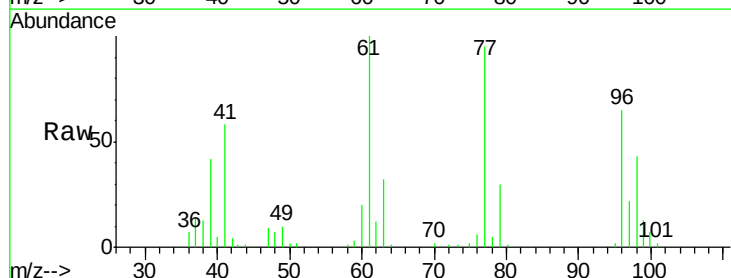
Acq: 21 Mar 2018 12:40

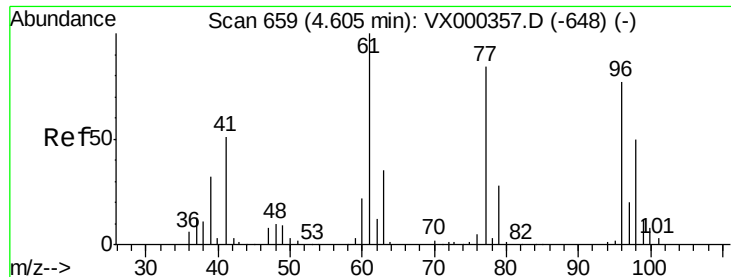
Tgt Ion: 77 Resp: 35723

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8



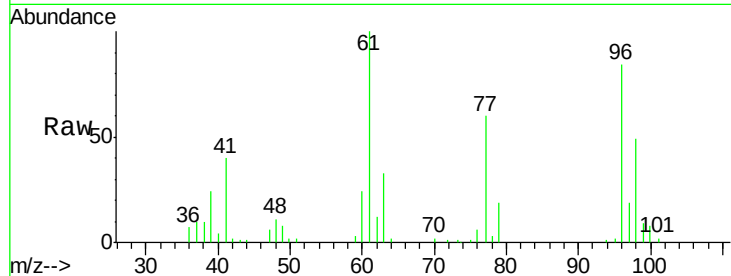


#27

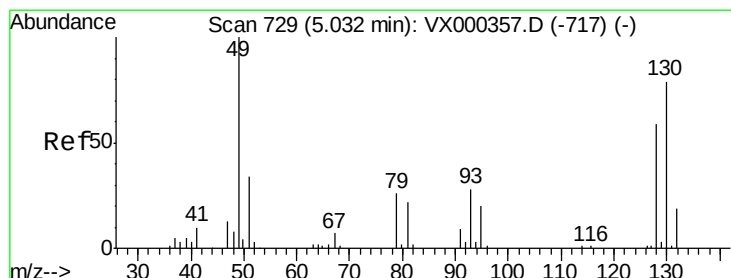
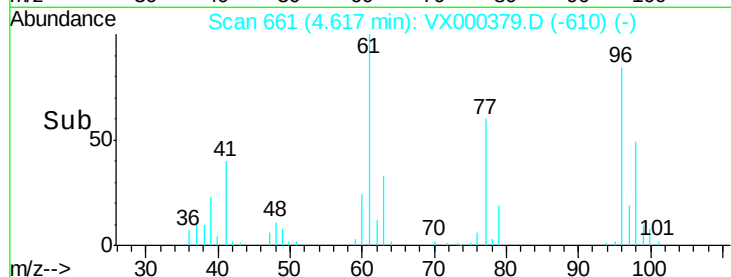
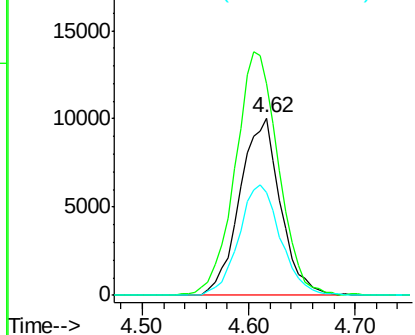
cis-1,2-Dichloroethene
Concen: 20.66 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

Tgt Ion: 96 Resp: 26919
Ion Ratio Lower Upper
96 100
61 145.6 0.0 291.6
98 64.3 0.0 132.0



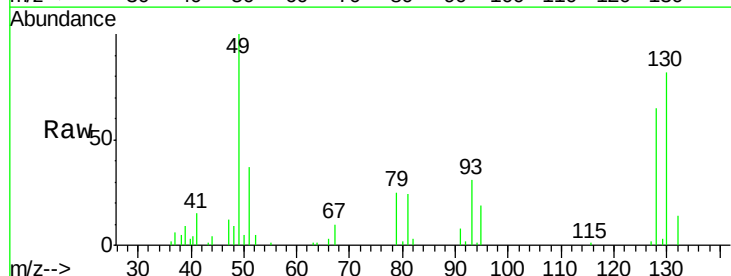
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



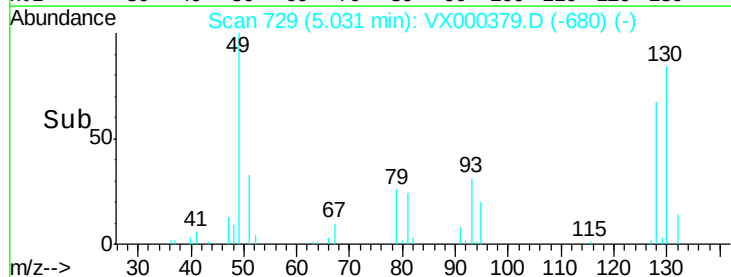
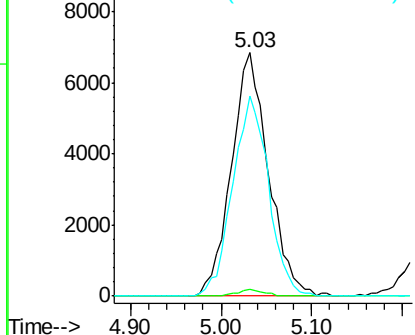
#28

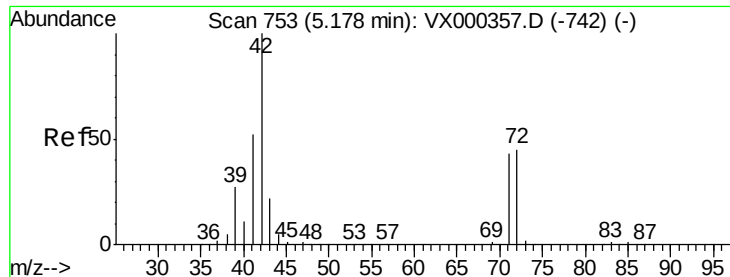
Bromochloromethane
Concen: 19.04 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 49 Resp: 19287
Ion Ratio Lower Upper
49 100
129 1.9 0.0 5.0
130 79.8 64.0 96.0



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

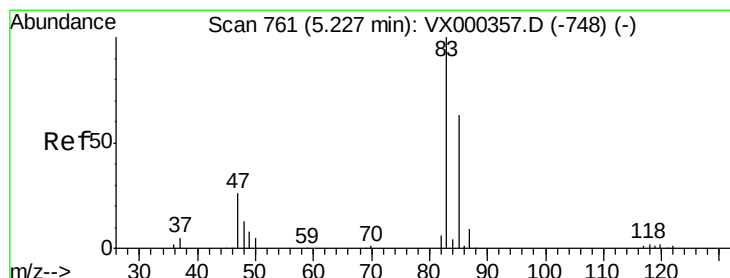
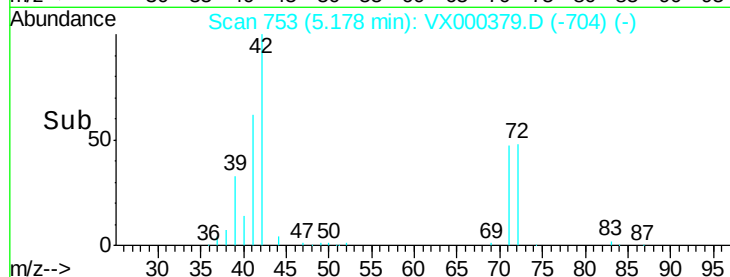
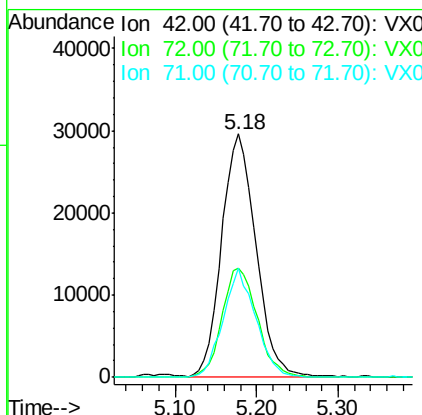
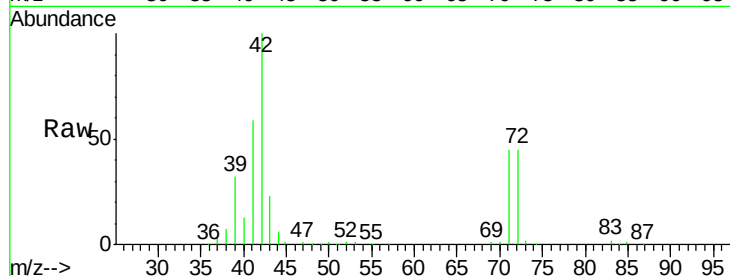




#29
Tetrahydrofuran
Concen: 98.84 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

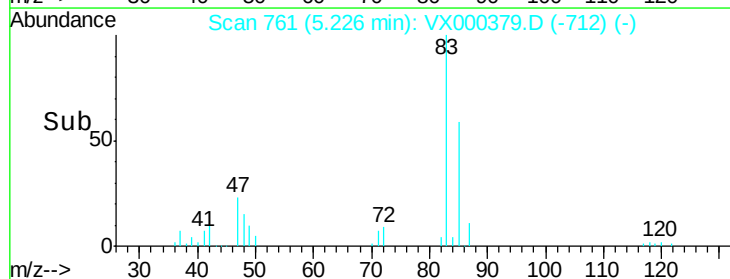
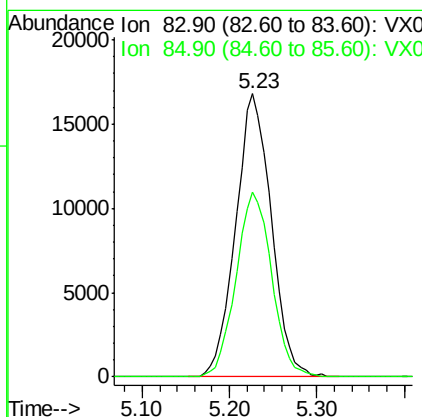
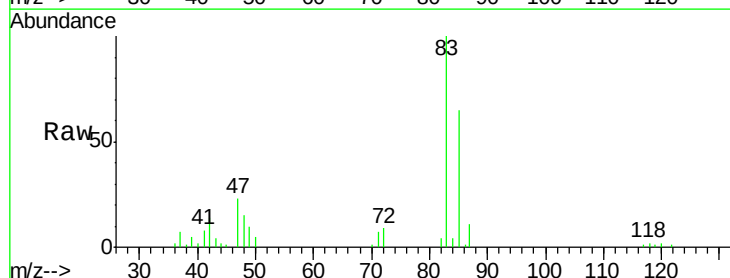
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

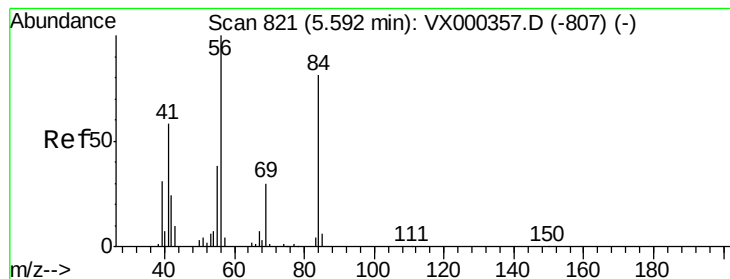
Tgt Ion: 42 Resp: 85598
Ion Ratio Lower Upper
42 100
72 46.4 37.9 56.9
71 43.1 34.4 51.6



#30
Chloroform
Concen: 20.70 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 83 Resp: 47651
Ion Ratio Lower Upper
83 100
85 65.4 53.3 79.9





#31

Cyclohexane

Concen: 19.59 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

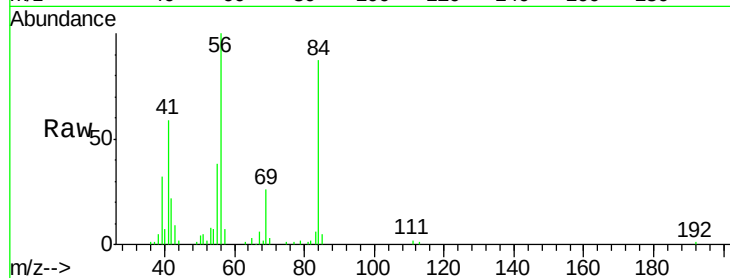
Tgt Ion: 56 Resp: 37198

Ion Ratio Lower Upper

56 100

69 26.1 23.4 35.0

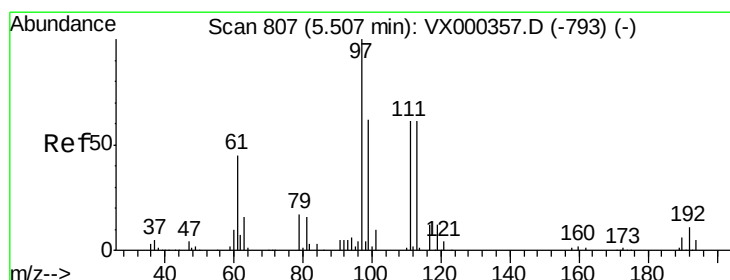
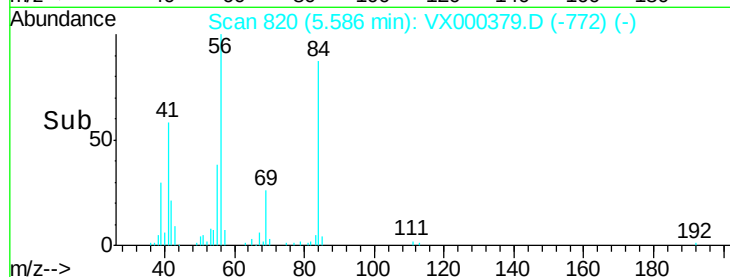
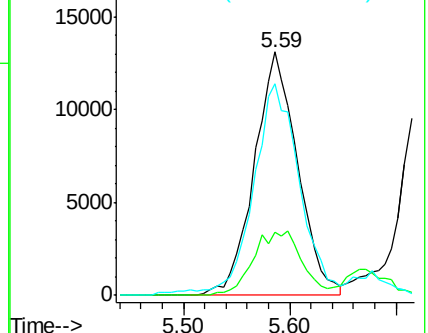
84 84.8 71.0 106.4



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: 19.89 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

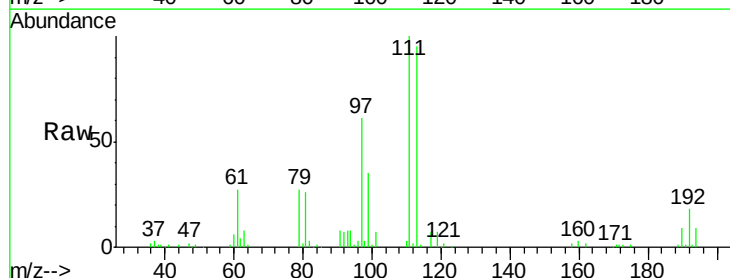
Tgt Ion: 97 Resp: 41304

Ion Ratio Lower Upper

97 100

99 63.3 52.1 78.1

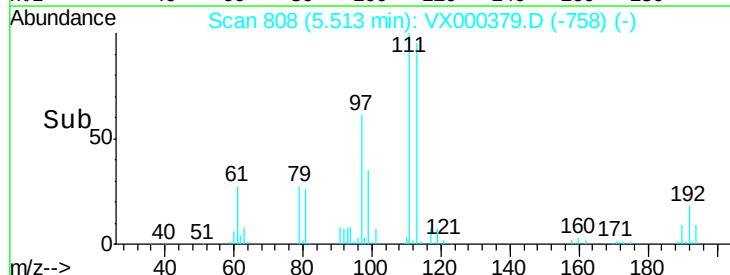
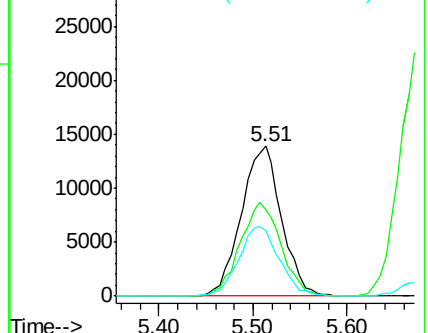
61 47.2 36.2 54.4

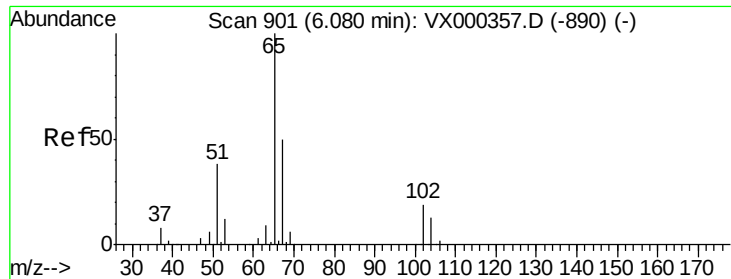


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

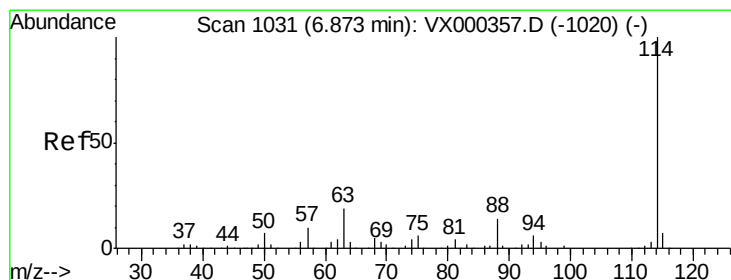
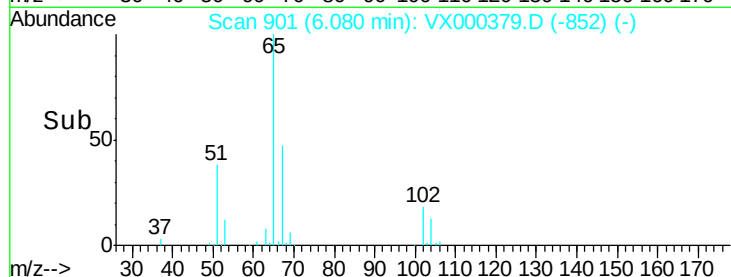
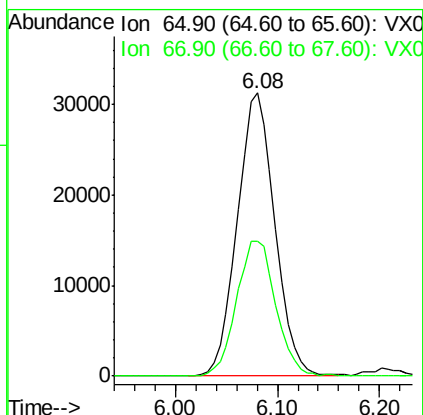
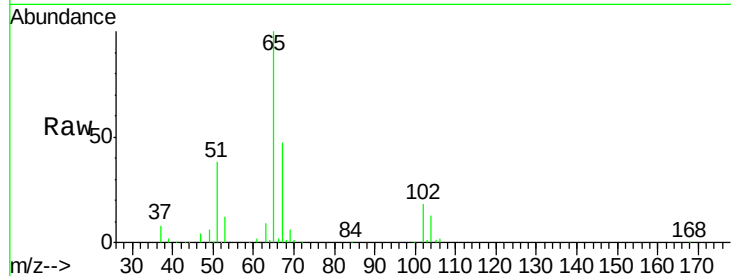




#33
 1,2-Dichloroethane-d4
 Concen: 53.16 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

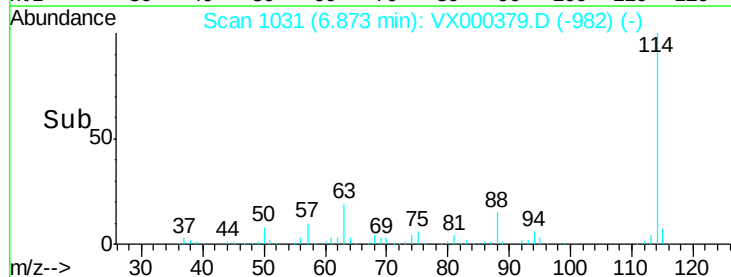
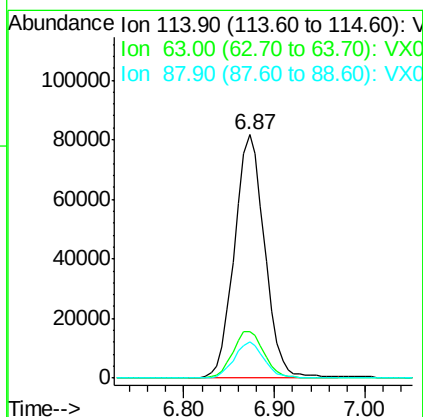
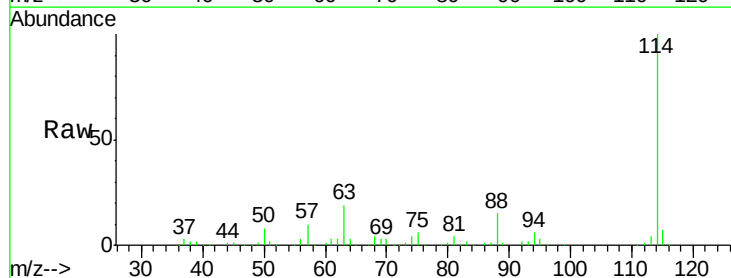
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

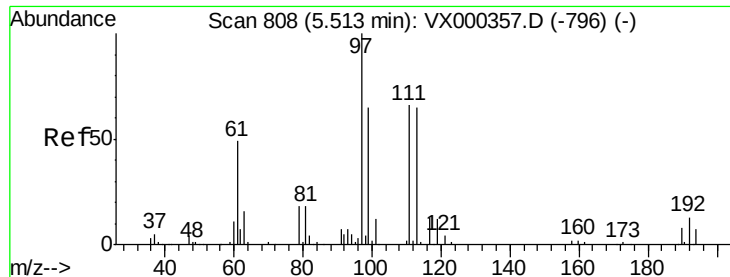
Tgt Ion: 65 Resp: 80018
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 114 Resp: 189302
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.7 0.0 27.0

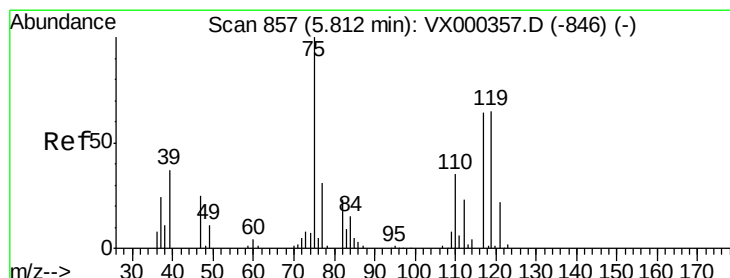
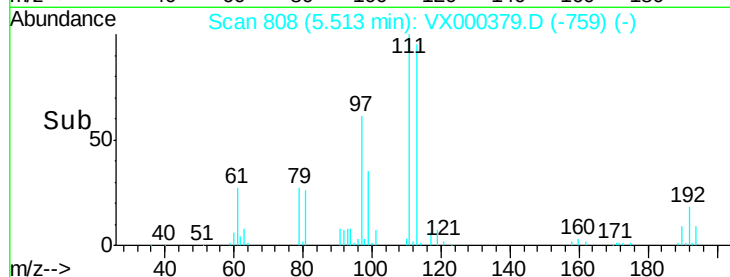
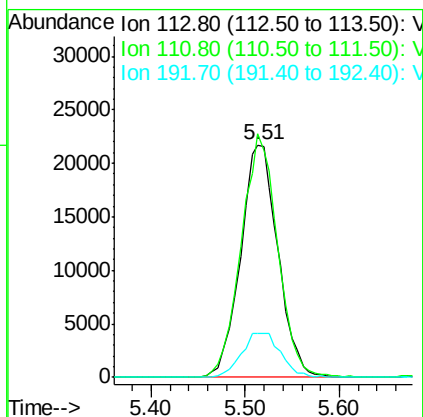
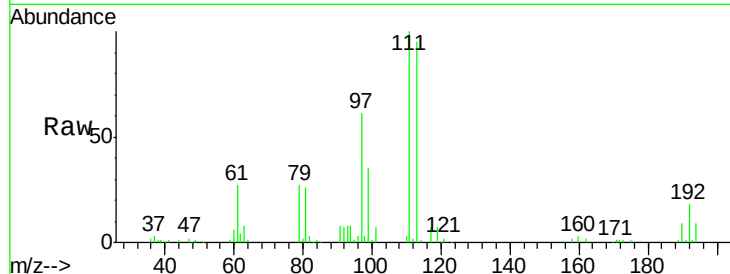




#35
 Dibromofluoromethane
 Concen: 50.46 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

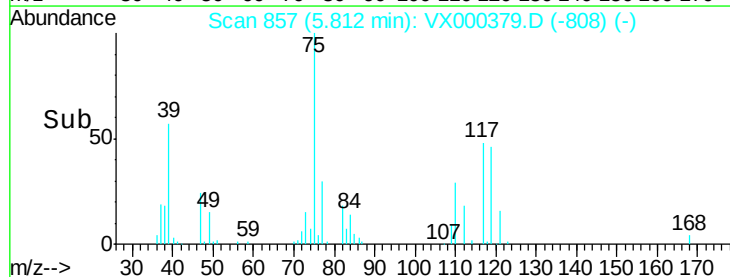
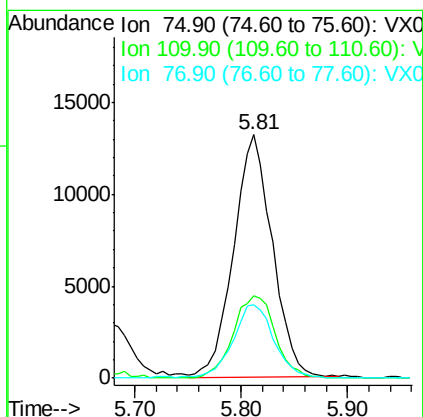
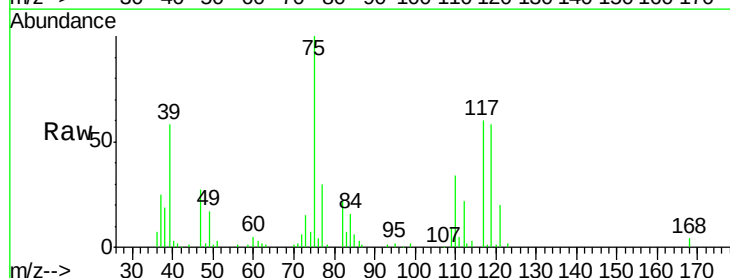
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

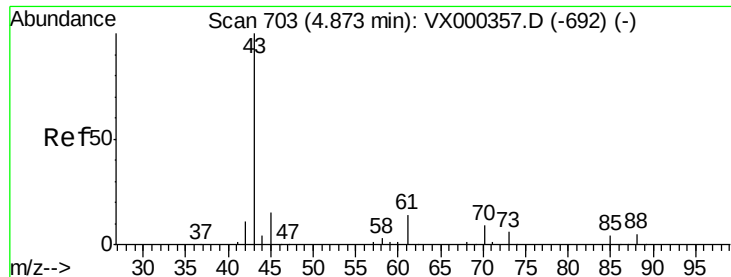
Tgt Ion:113 Resp: 60183
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.4 123.6
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 18.92 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 75 Resp: 33550
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.9 53.7
 77 32.4 24.0 36.0

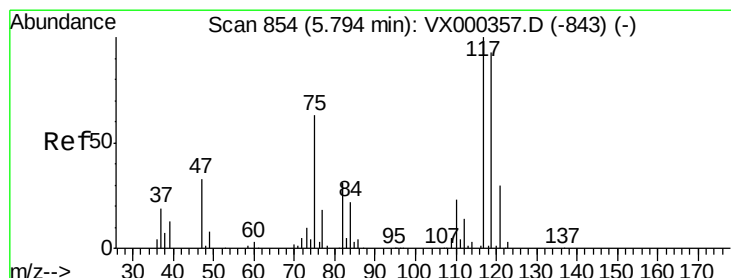
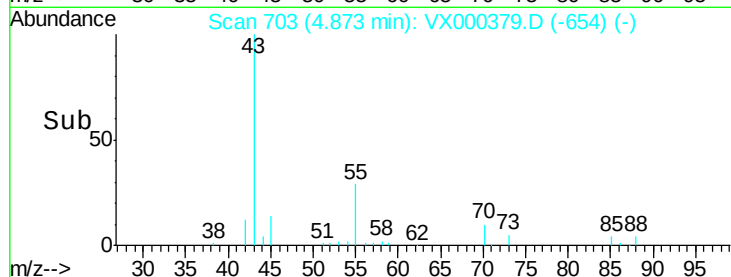
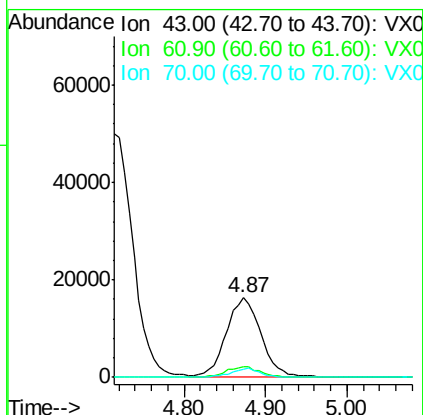
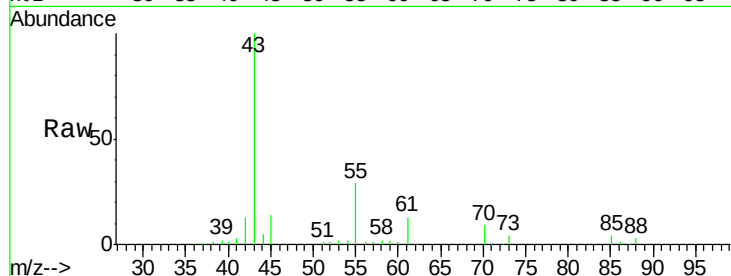




#37
Ethyl Acetate
Concen: 19.75 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

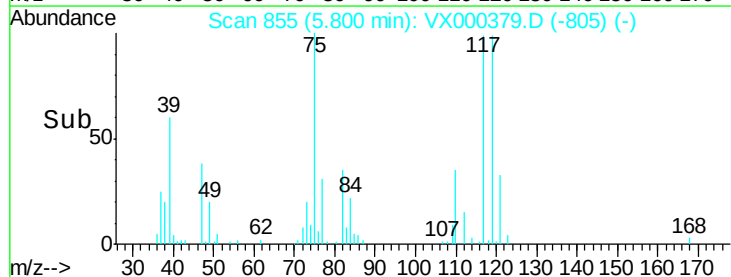
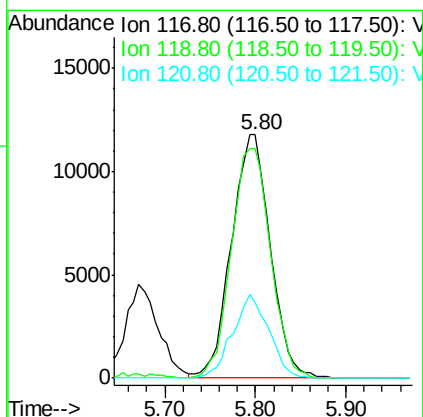
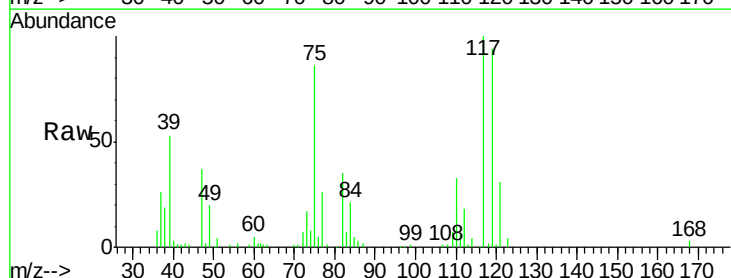
Instrument :
MSVOA_X
ClientSampled :
VX0321WBSD02

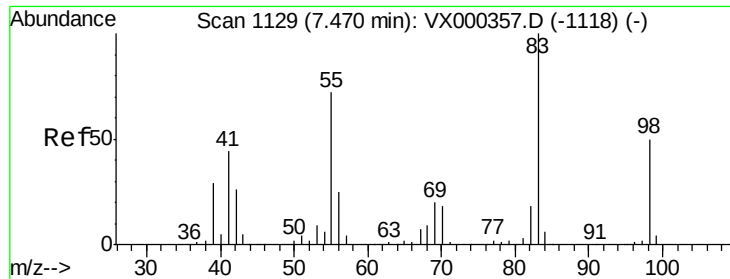
Tgt Ion: 43 Resp: 47825
Ion Ratio Lower Upper
43 100
61 13.0 11.1 16.7
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.81 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 117 Resp: 34985
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.2
121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 19.01 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD02

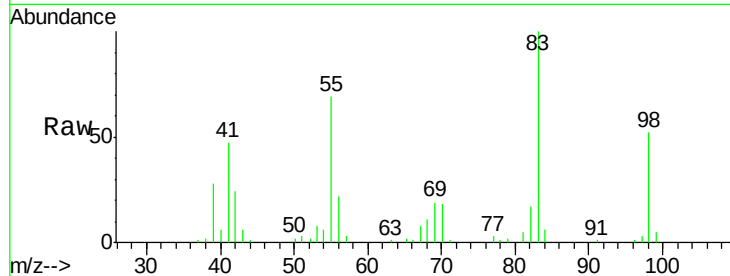
Tgt Ion: 83 Resp: 40992

Ion Ratio Lower Upper

83 100

55 69.1 55.5 83.3

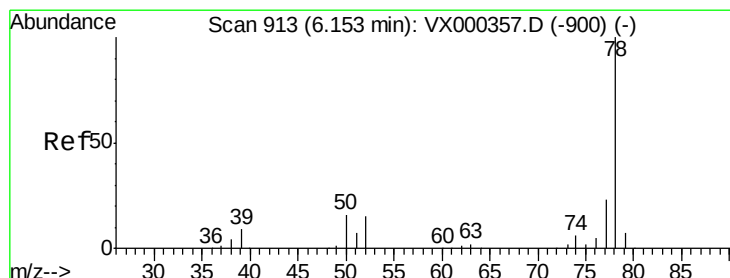
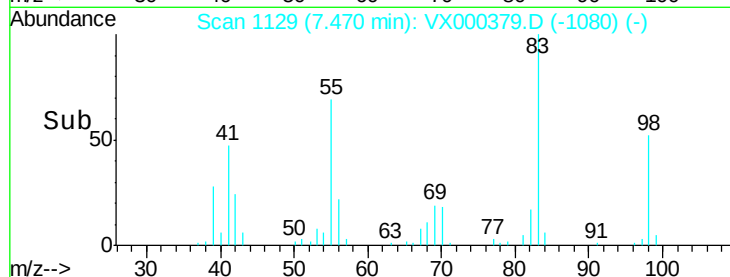
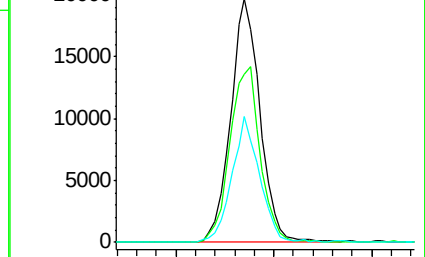
98 51.8 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.10 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000379.D

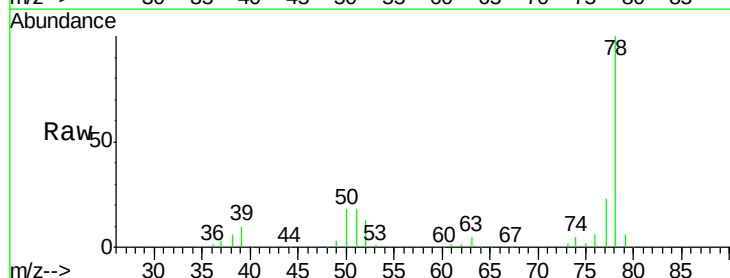
Acq: 21 Mar 2018 12:40

Tgt Ion: 78 Resp: 103489

Ion Ratio Lower Upper

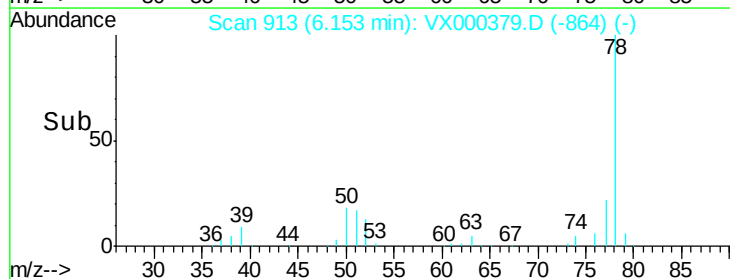
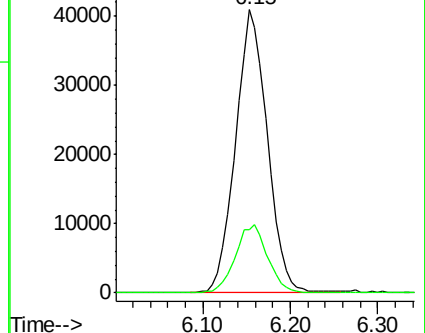
78 100

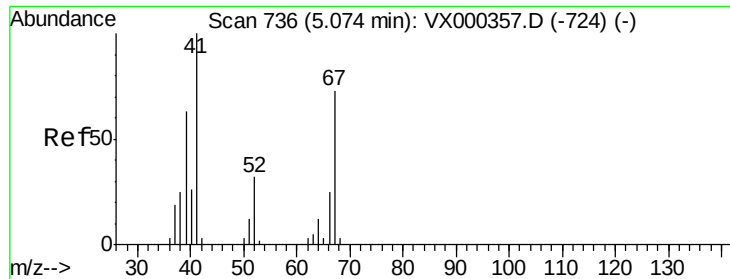
77 22.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

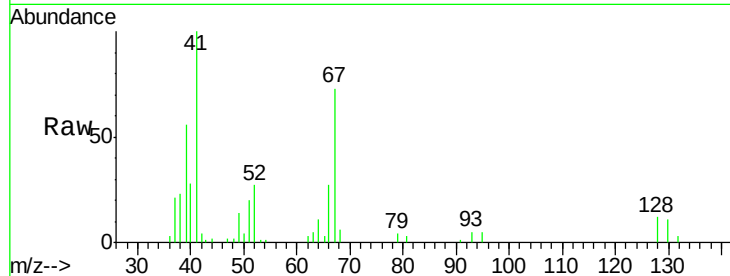




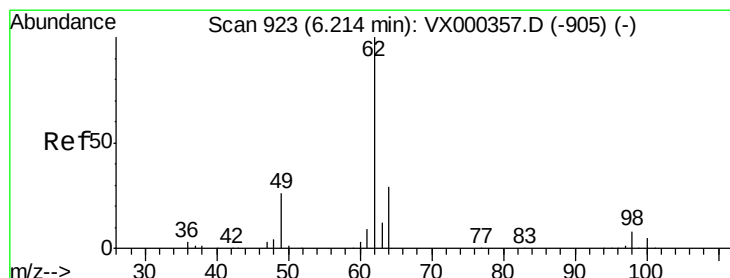
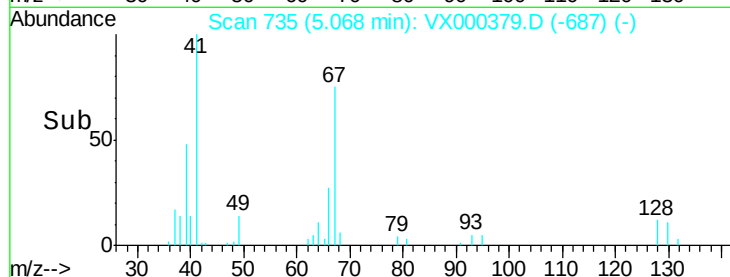
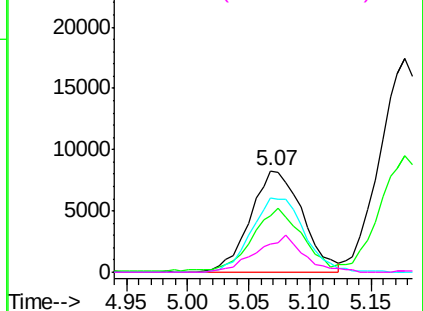
#41
Methacrylonitrile
Concen: 19.23 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

Tgt Ion:	41	Resp:	24553
Ion	Ratio	Lower	Upper
41	100		
39	59.3	45.7	68.5
67	75.0	57.8	86.8
52	32.7	26.7	40.1

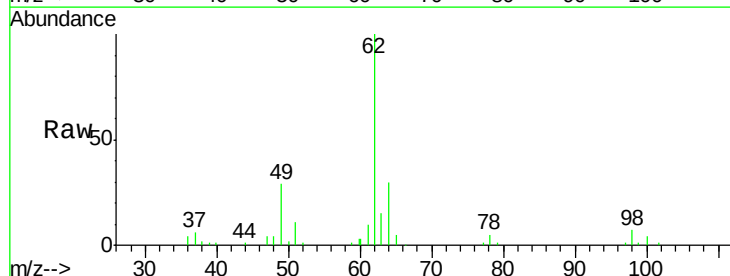


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

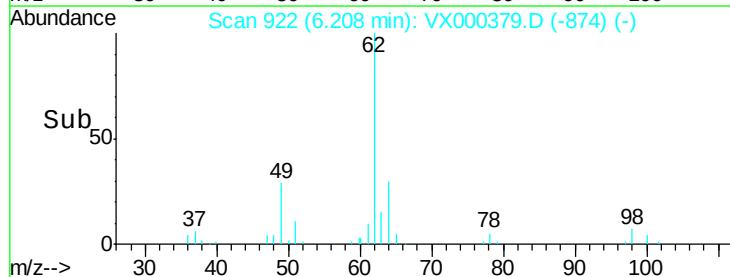
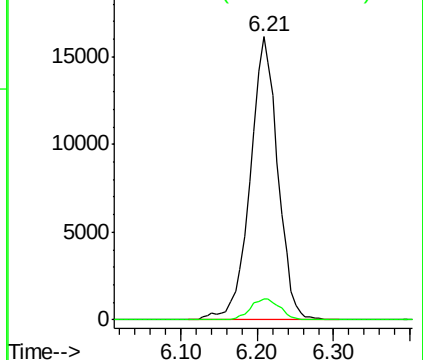


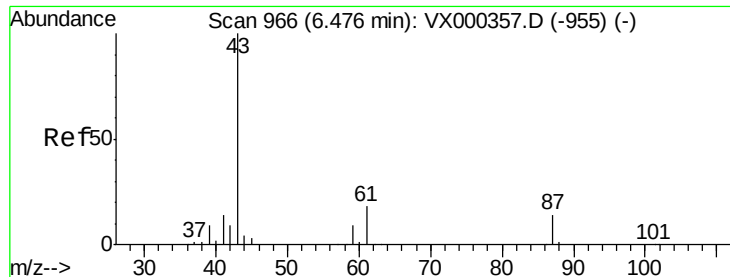
#42
1,2-Dichloroethane
Concen: 20.13 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion:	62	Resp:	40661
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.99 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

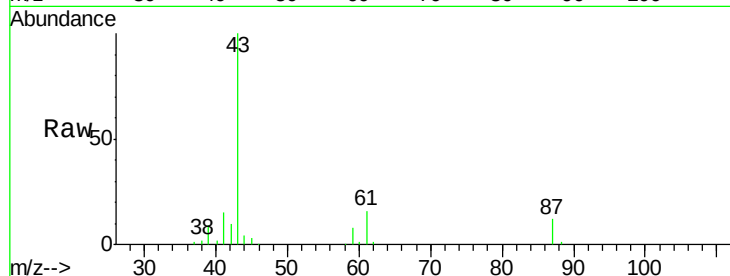
Tgt Ion: 43 Resp: 72065

Ion Ratio Lower Upper

43 100

61 17.4 14.4 21.6

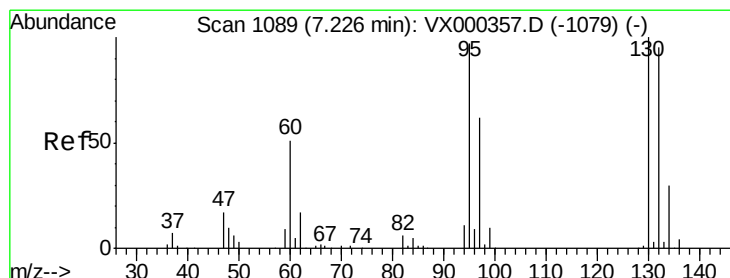
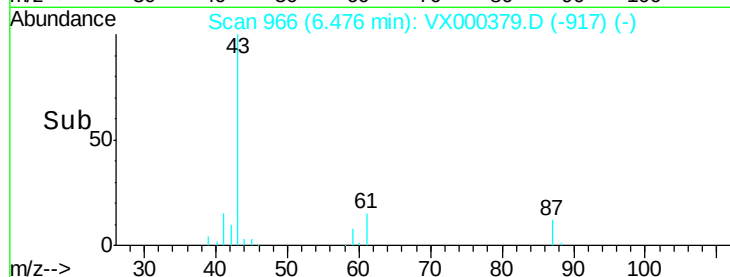
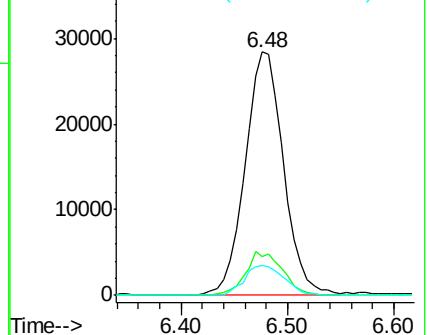
87 12.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.38 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000379.D

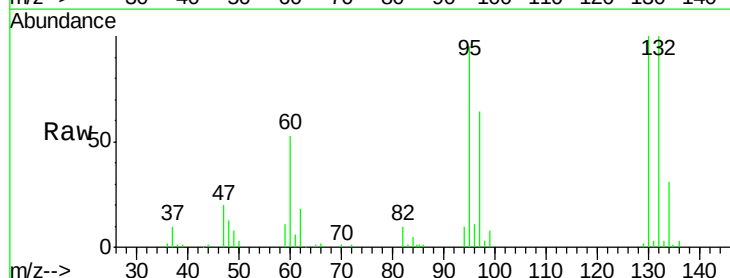
Acq: 21 Mar 2018 12:40

Tgt Ion: 130 Resp: 28587

Ion Ratio Lower Upper

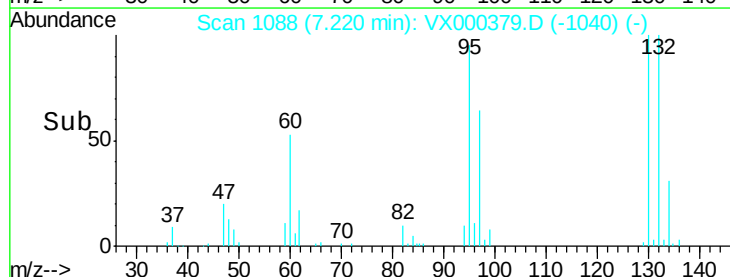
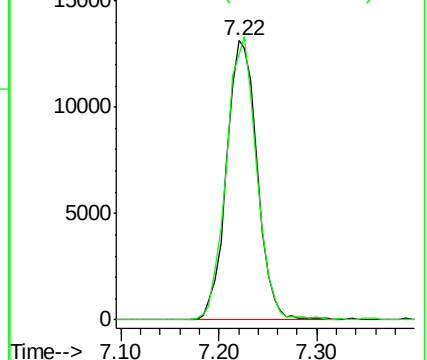
130 100

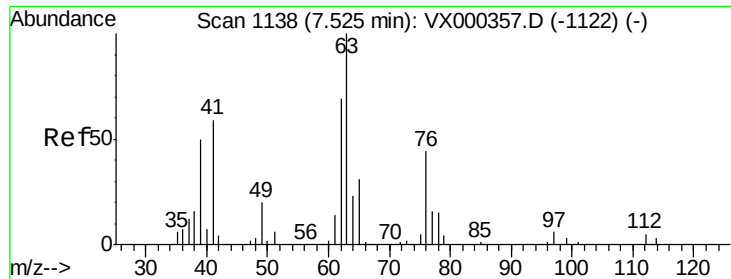
95 95.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

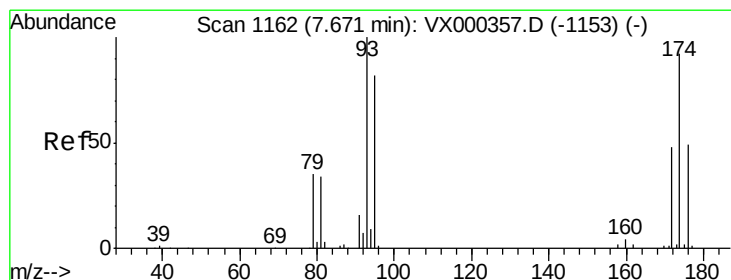
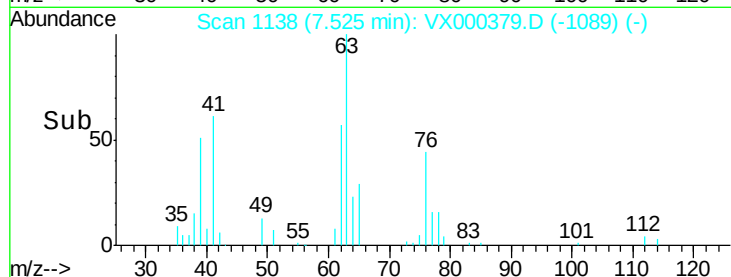
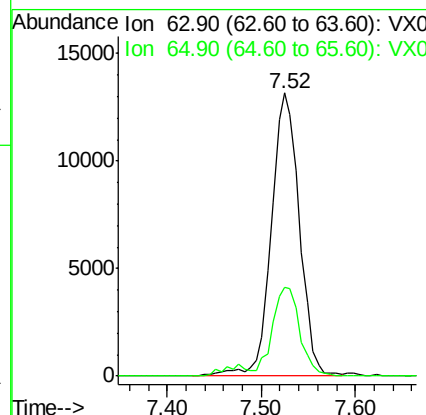
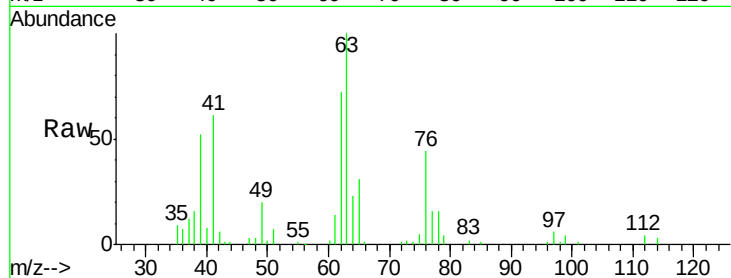




#45
 1,2-Dichloropropane
 Concen: 20.99 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

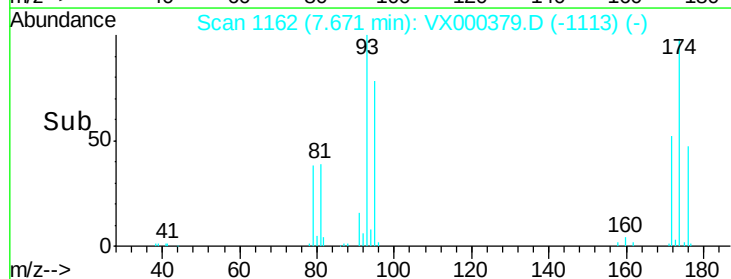
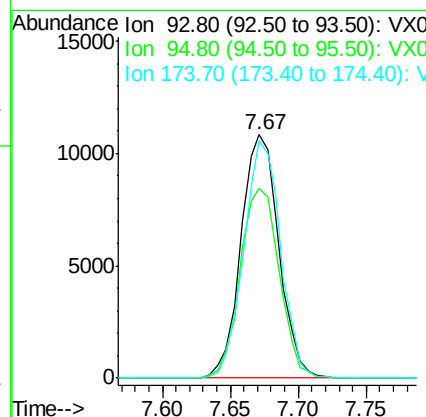
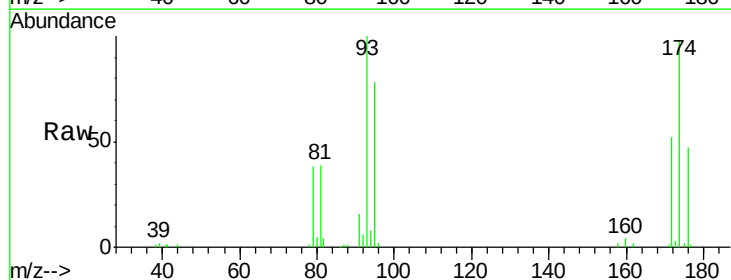
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

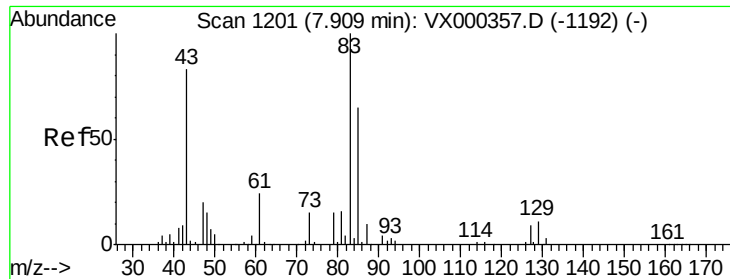
Tgt Ion: 63 Resp: 27668
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 20.32 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 93 Resp: 21026
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.5 99.7
 174 95.2 76.0 114.0





#47

Bromodichloromethane

Concen: 20.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

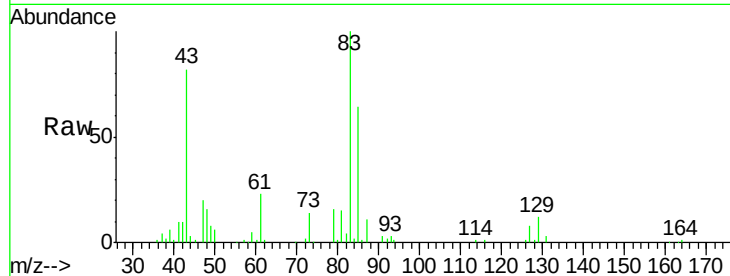
Tgt Ion: 83 Resp: 37321

Ion Ratio Lower Upper

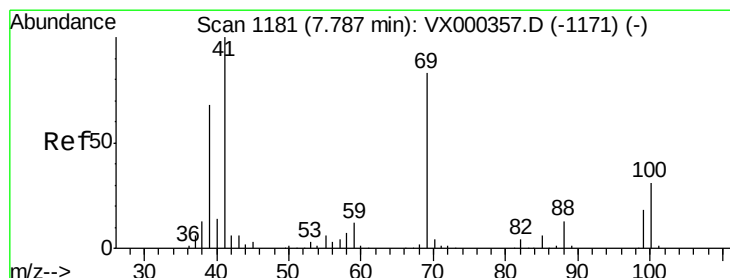
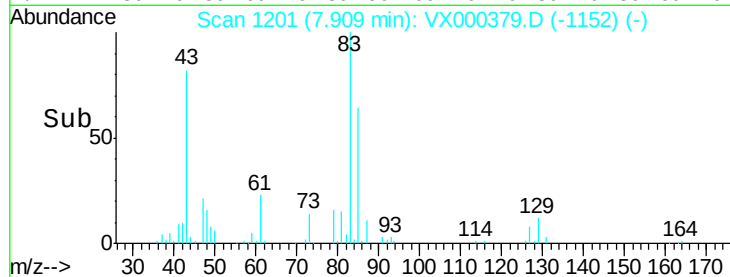
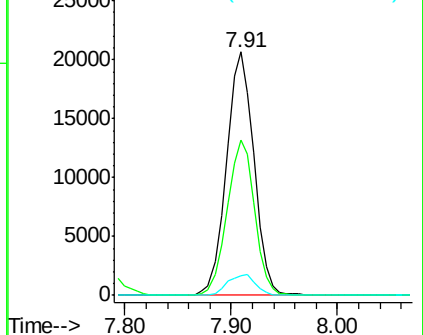
83 100

85 63.5 51.4 77.0

127 8.0 7.0 10.6



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: 20.08 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

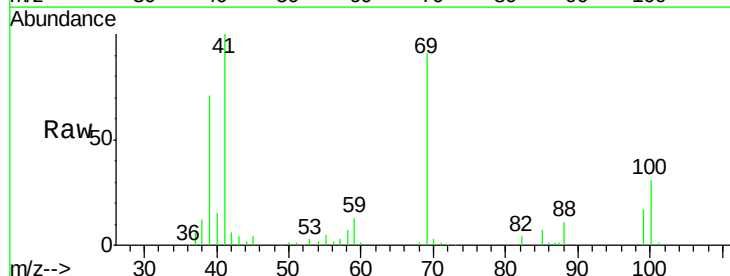
Tgt Ion: 41 Resp: 35142

Ion Ratio Lower Upper

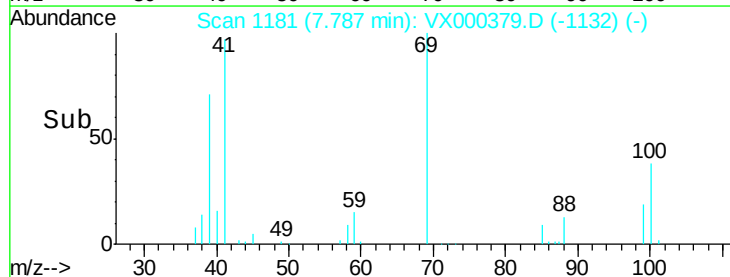
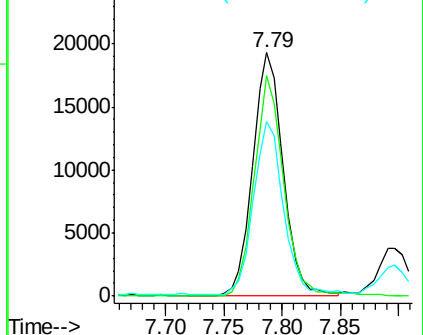
41 100

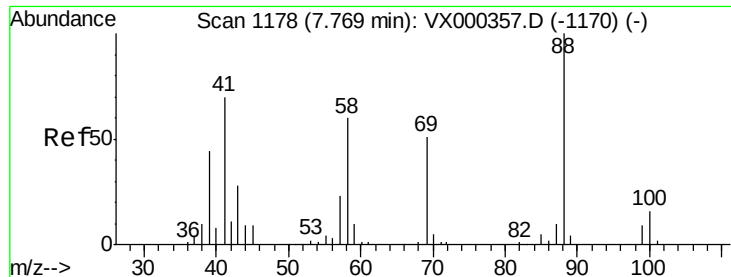
69 88.1 68.2 102.4

39 69.4 54.6 81.8



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

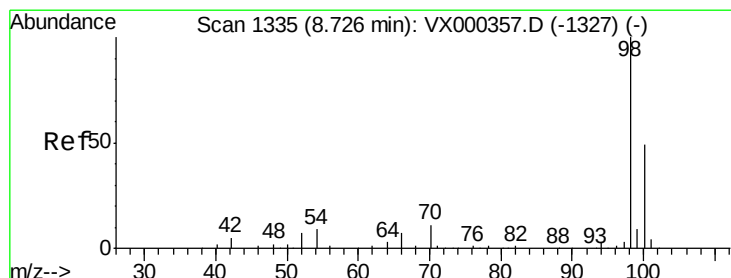
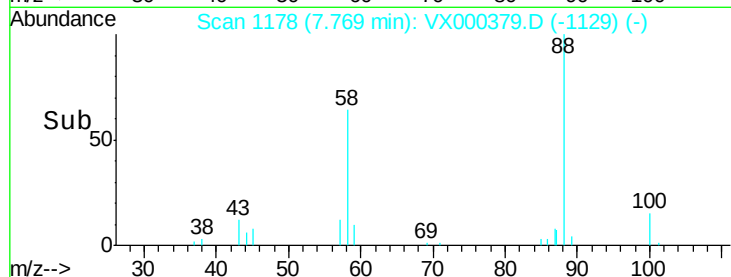
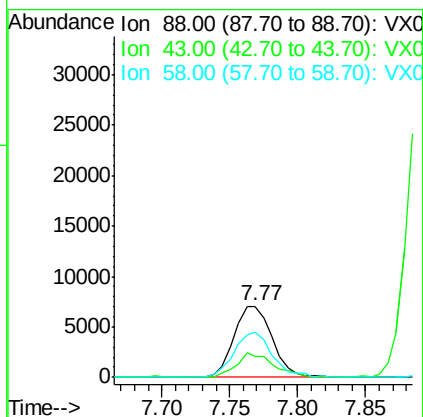
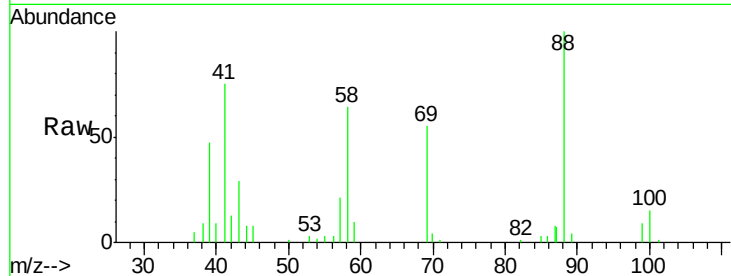




#49
1,4-Dioxane
Concen: 379.36 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

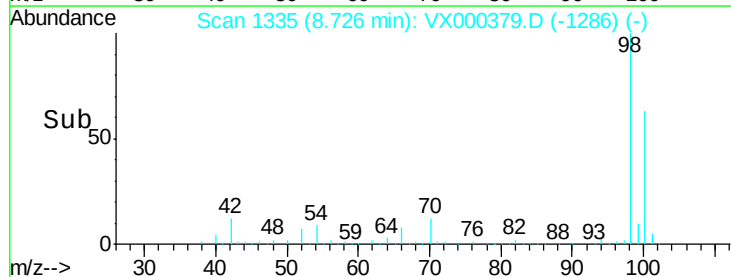
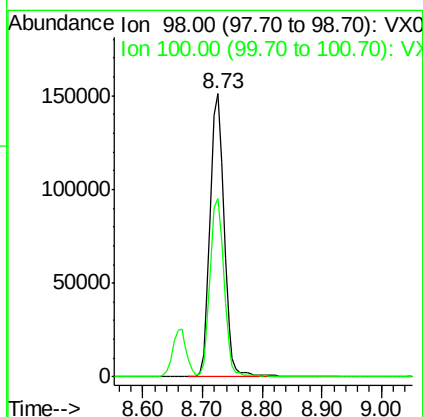
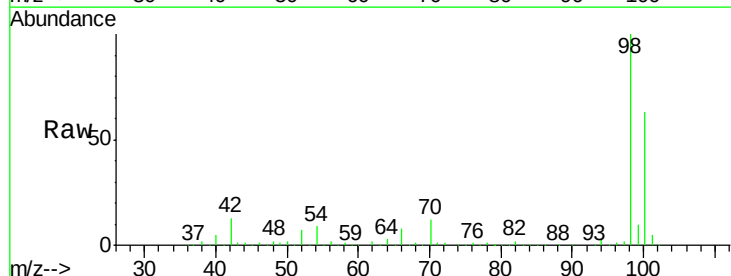
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

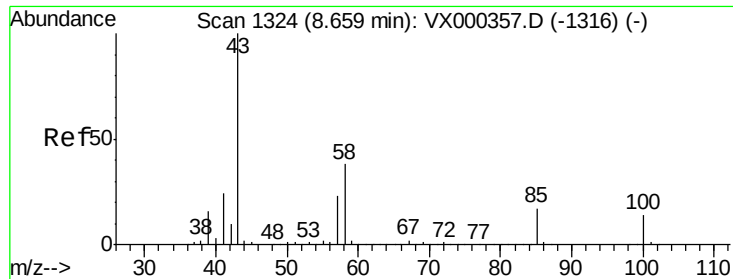
Tgt Ion: 88 Resp: 13958
Ion Ratio Lower Upper
88 100
43 33.9 26.8 40.2
58 63.0 52.2 78.2



#50
Toluene-d8
Concen: 49.46 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 98 Resp: 244338
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 98.41 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

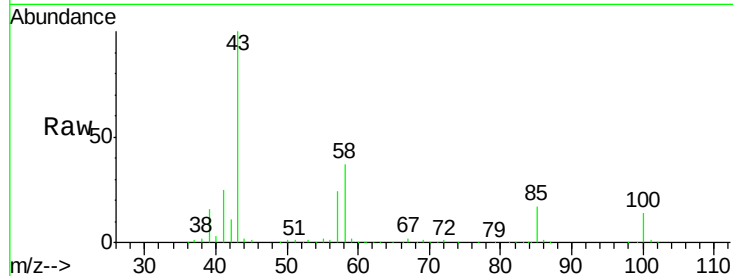
VX0321WBSD02

Tgt Ion: 43 Resp: 274644

Ion Ratio Lower Upper

43 100

58 37.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

150000

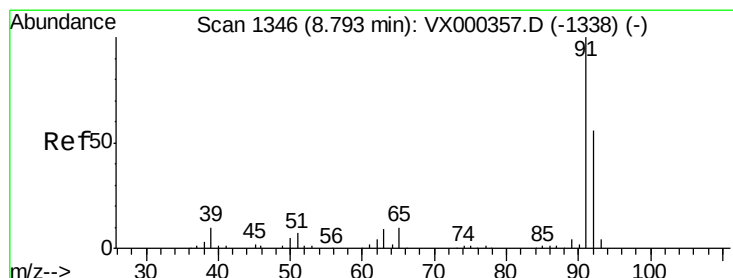
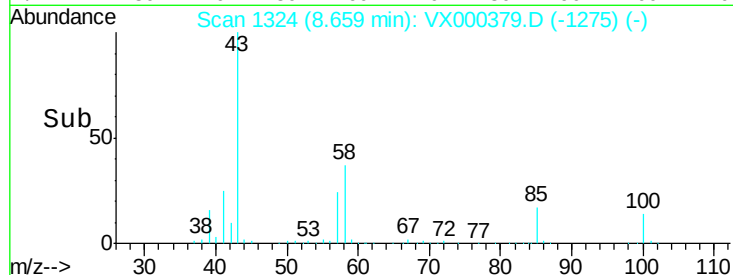
100000

50000

0

8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.86 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000379.D

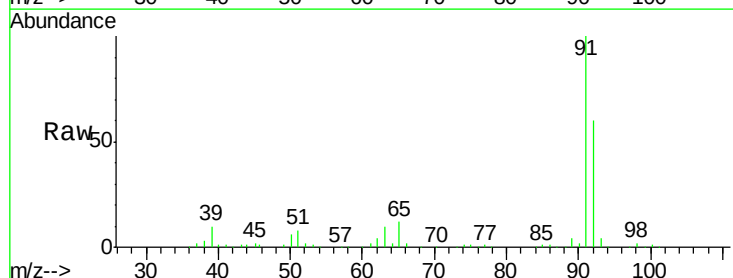
Acq: 21 Mar 2018 12:40

Tgt Ion: 92 Resp: 71497

Ion Ratio Lower Upper

92 100

91 171.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

60000

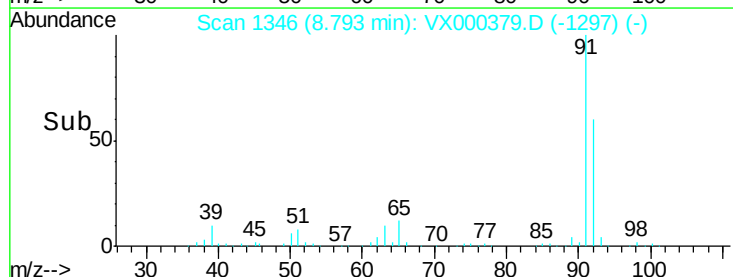
40000

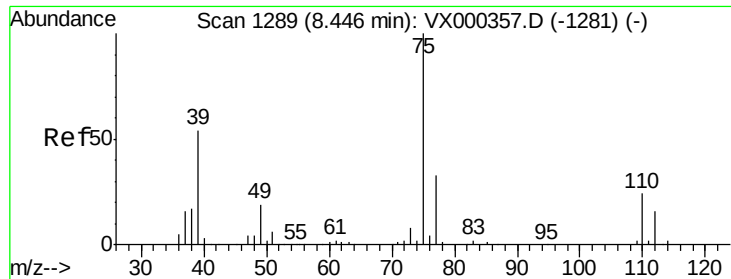
20000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.42 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

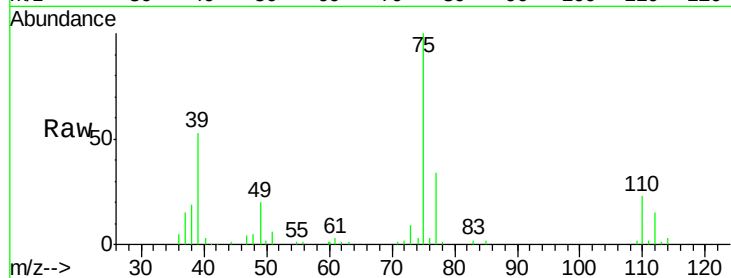
VX0321WBSD02

Tgt Ion: 75 Resp: 43064

Ion Ratio Lower Upper

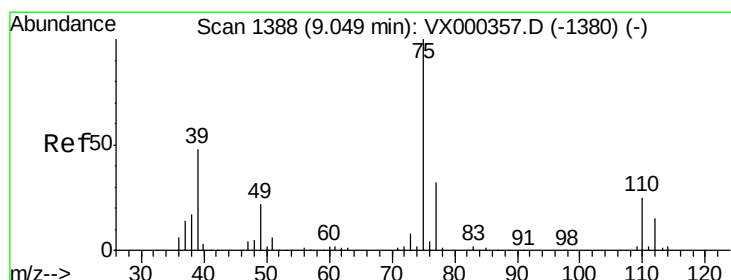
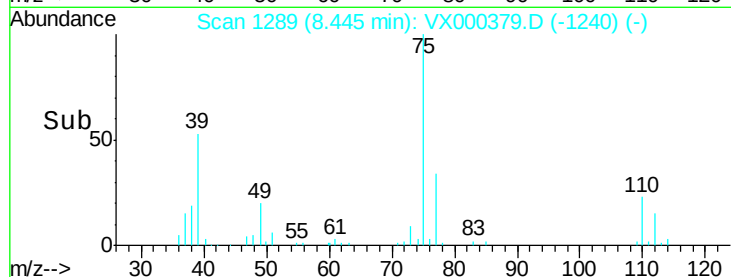
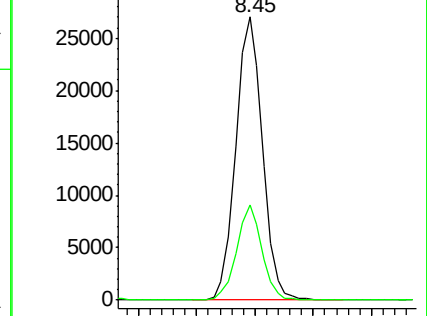
75 100

77 33.8 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.83 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

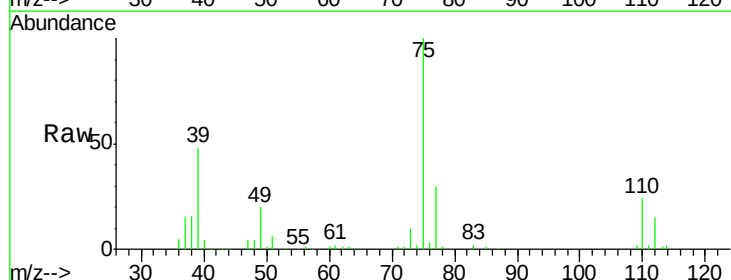
Tgt Ion: 75 Resp: 40565

Ion Ratio Lower Upper

75 100

77 30.4 26.1 39.1

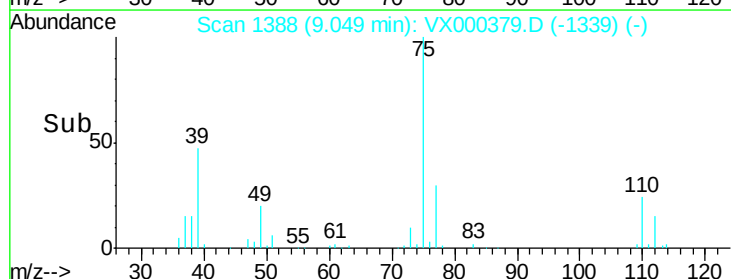
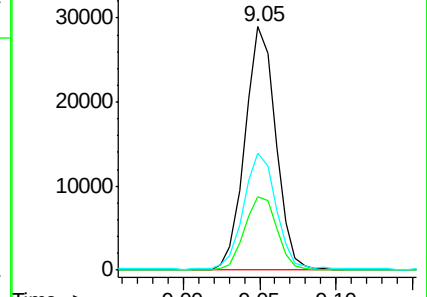
39 47.1 39.8 59.6

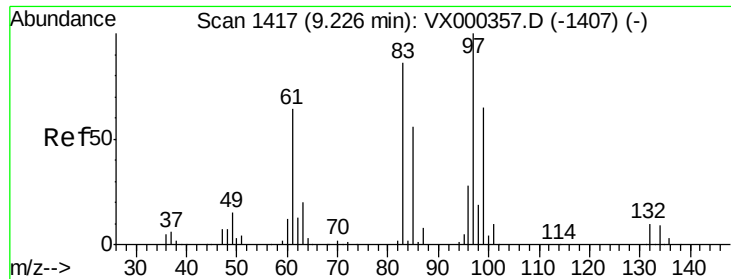


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

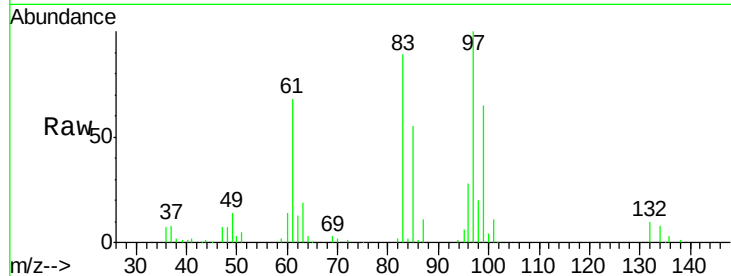




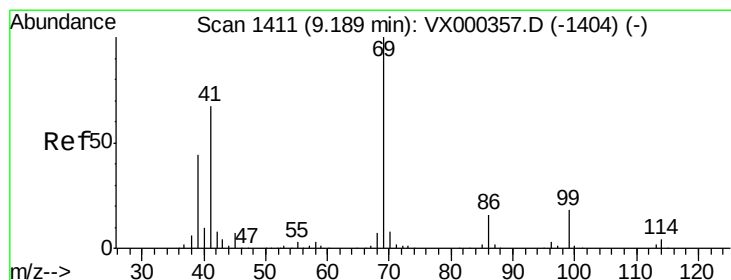
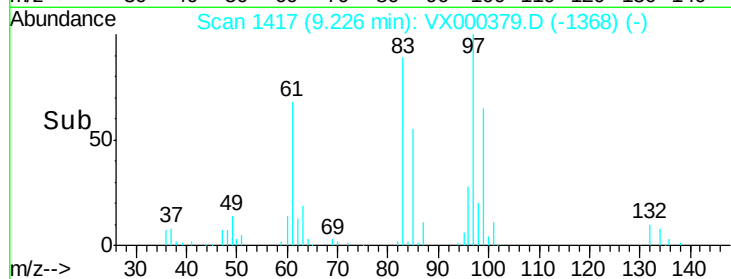
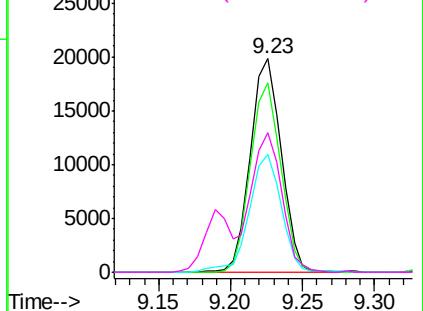
#55
 1,1,2-Trichloroethane
 Concen: 19.86 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Tgt Ion:	97	Resp:	29397
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.9	101.9
85	54.8	42.8	64.2
99	64.9	49.4	74.2

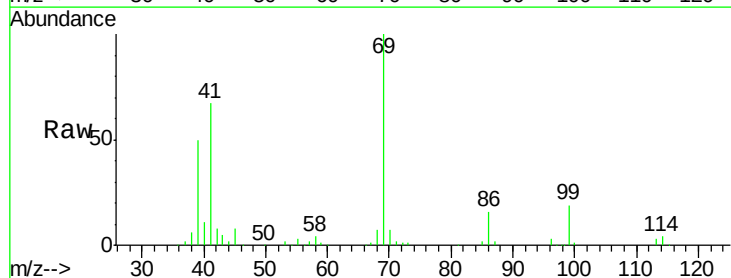


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

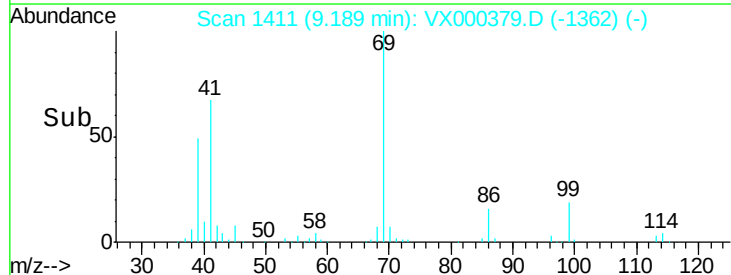
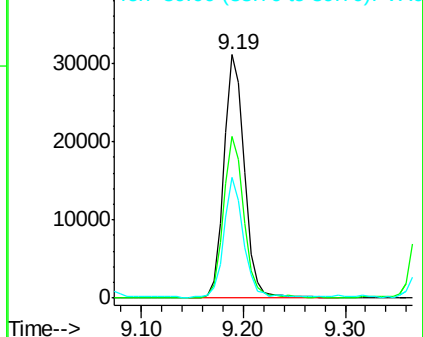


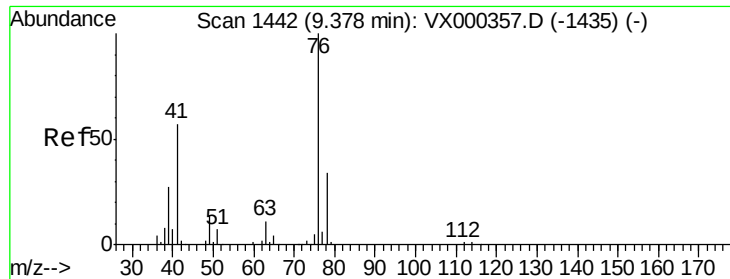
#56
 Ethyl methacrylate
 Concen: 19.42 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion:	69	Resp:	43565
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	47.5	35.3	52.9



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

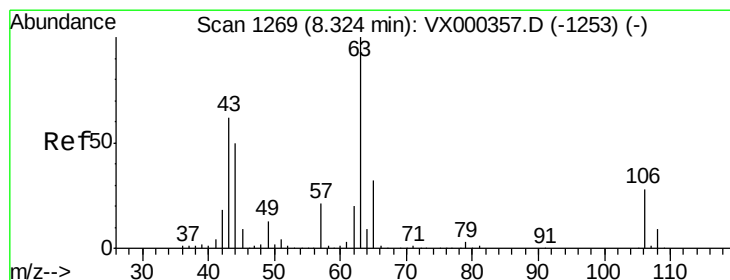
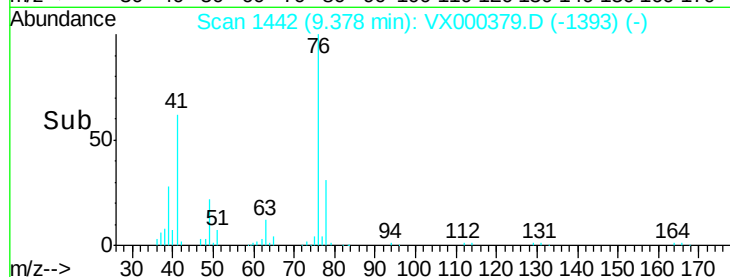
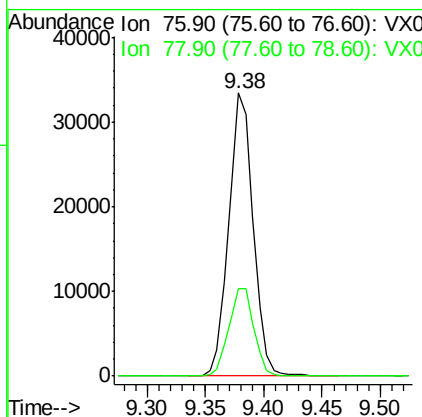
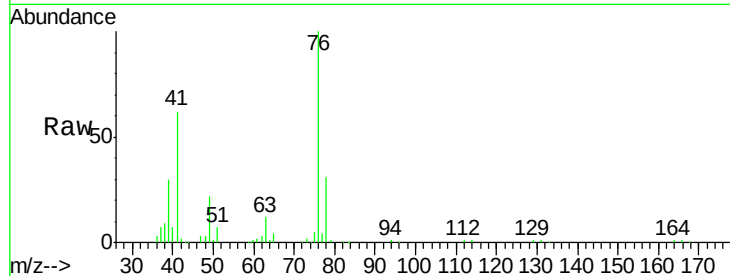




#57
 1,3-Dichloropropane
 Concen: 20.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

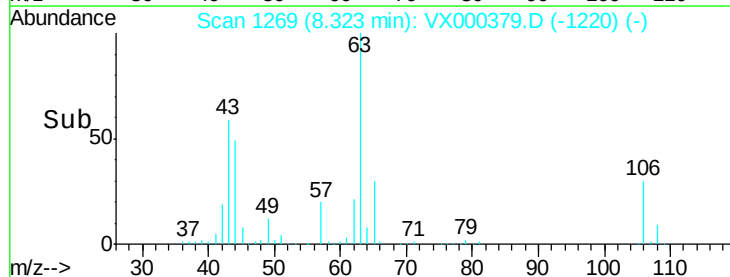
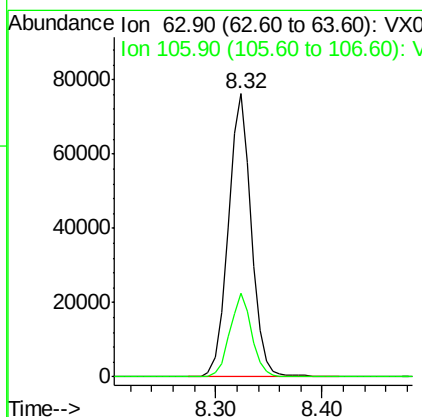
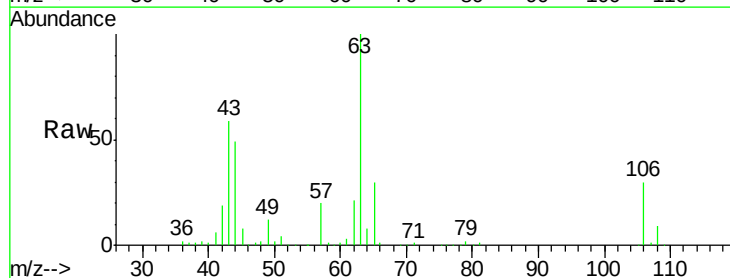
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

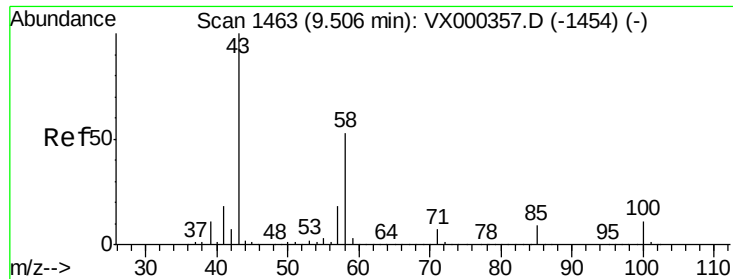
Tgt Ion: 76 Resp: 48870
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.40 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 63 Resp: 115630
 Ion Ratio Lower Upper
 63 100
 106 28.1 23.2 34.8

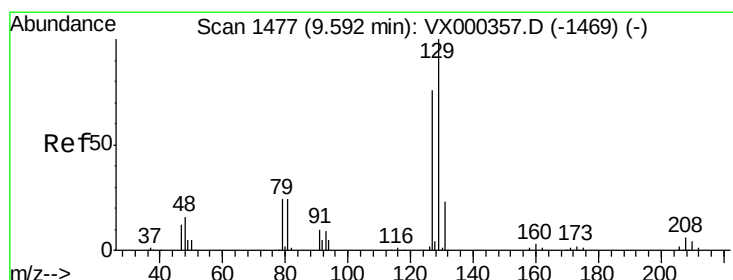
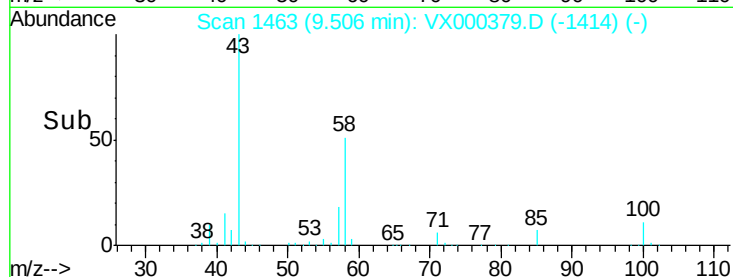
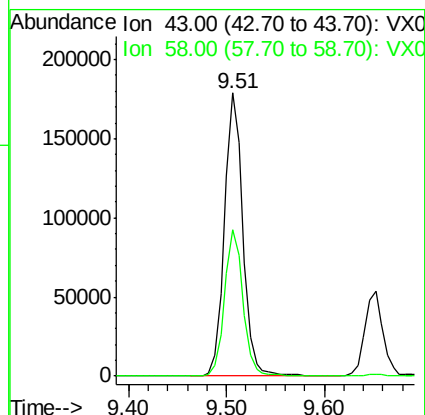
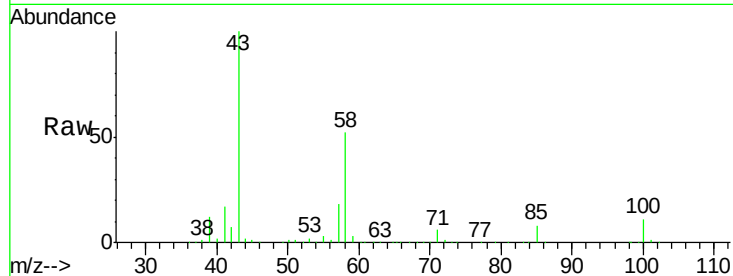




#59
2-Hexanone
Concen: 98.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

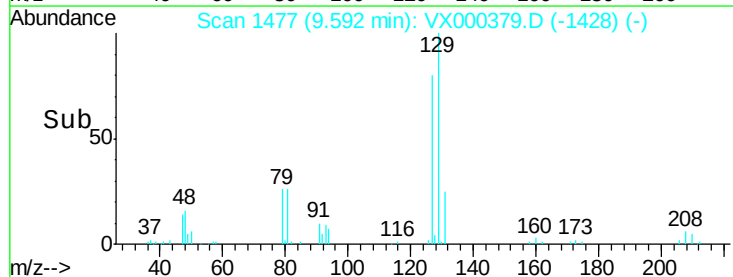
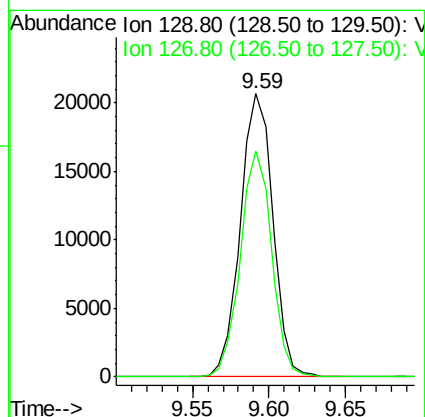
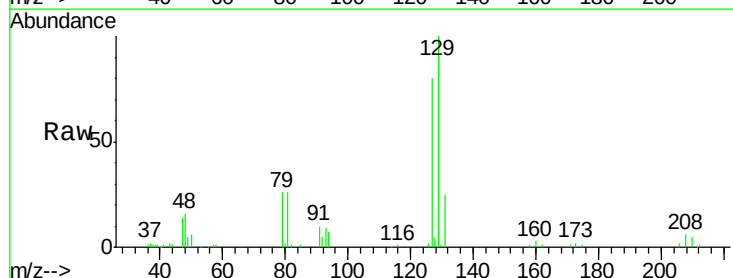
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

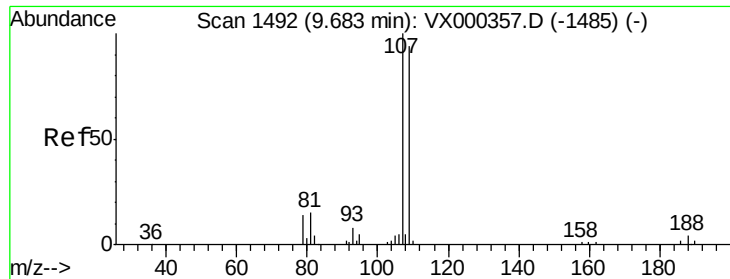
Tgt Ion: 43 Resp: 234062
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7



#60
Dibromochloromethane
Concen: 20.10 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 129 Resp: 30516
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

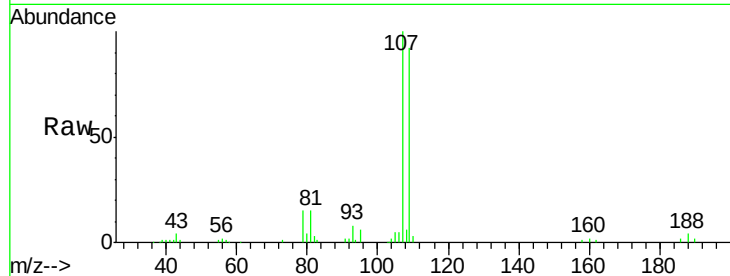
VX0321WBSD02

Tgt Ion: 107 Resp: 31574

Ion Ratio Lower Upper

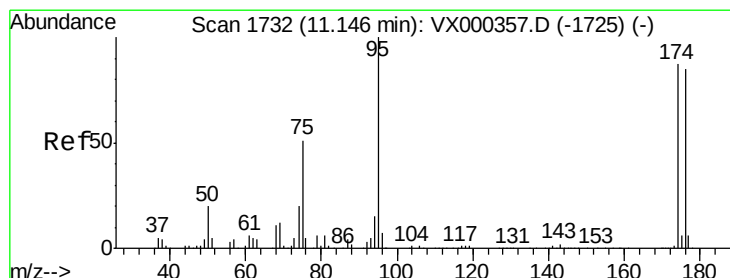
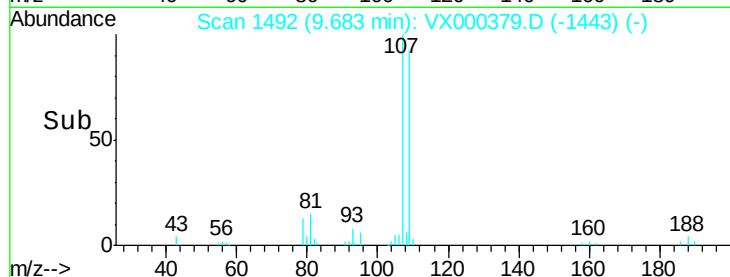
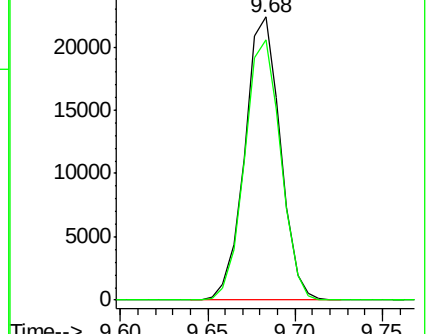
107 100

109 93.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

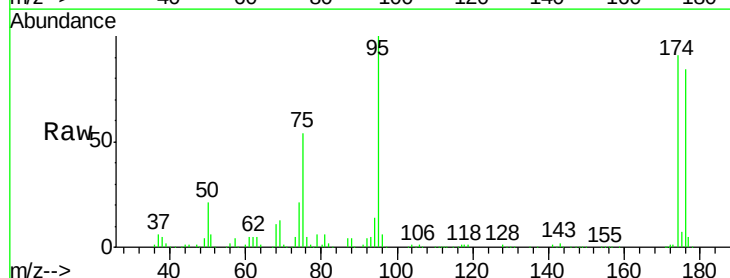
Tgt Ion: 95 Resp: 87994

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.6

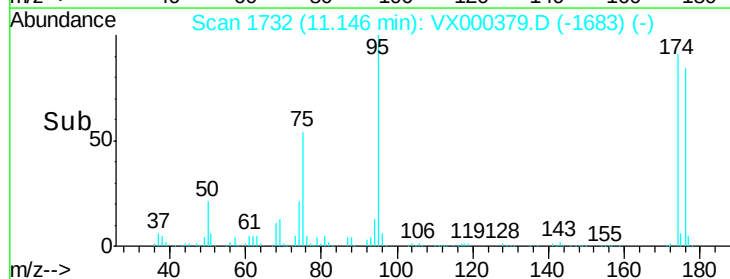
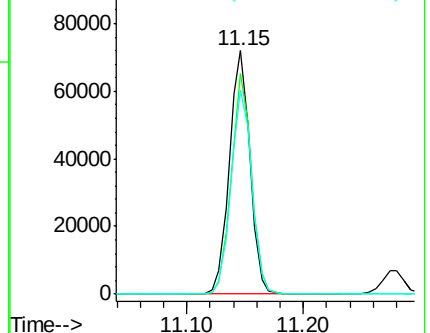
176 85.1 0.0 164.6

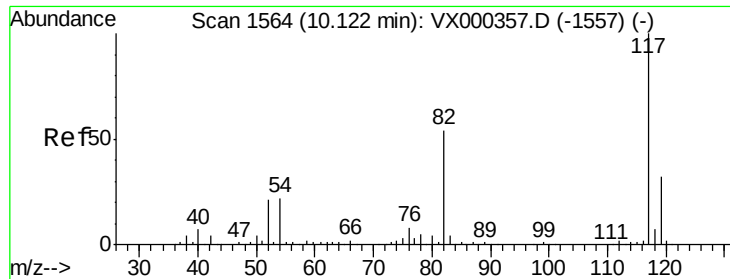


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

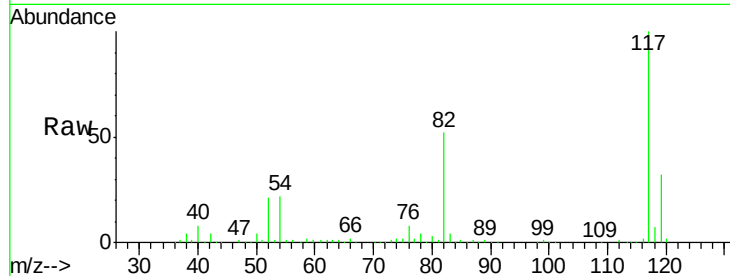




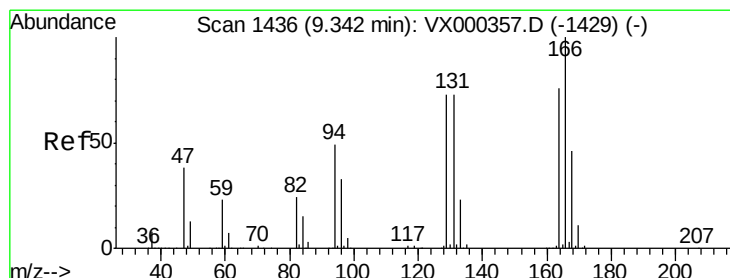
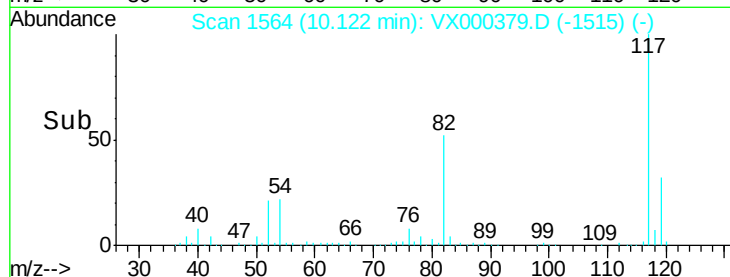
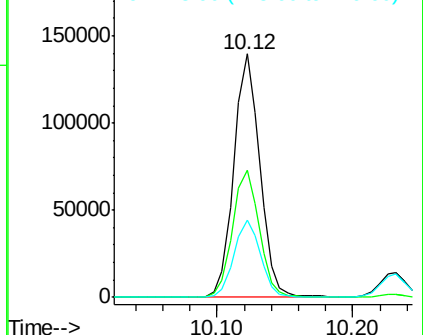
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

Tgt Ion:117 Resp: 186458
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.8
119 31.7 24.9 37.3



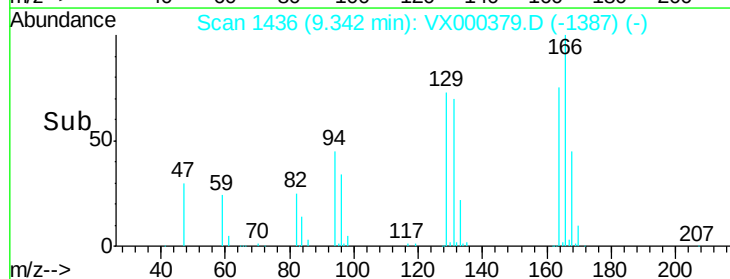
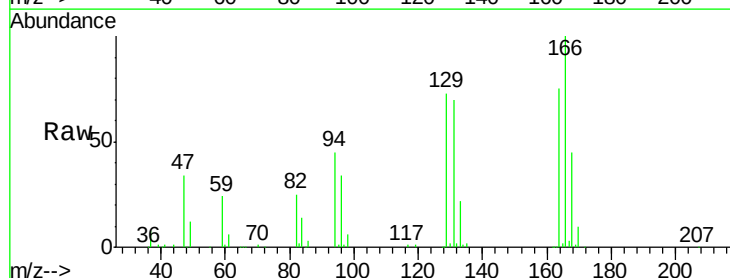
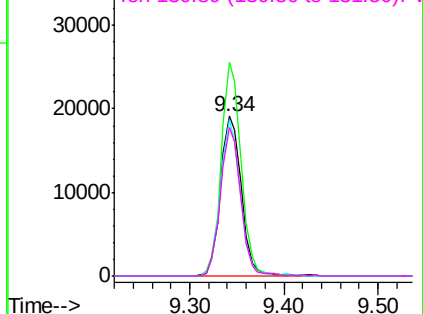
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

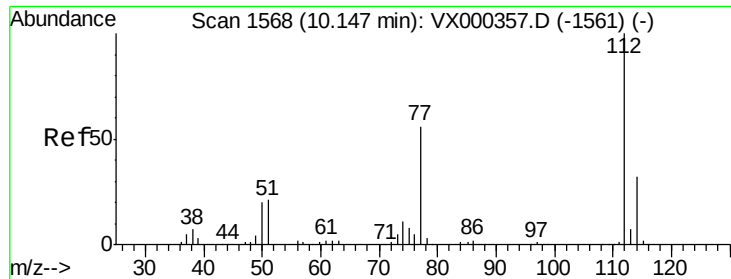


#64
Tetrachloroethene
Concen: 20.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion:164 Resp: 29429
Ion Ratio Lower Upper
164 100
166 133.7 101.0 151.6
129 98.0 79.0 118.4
131 93.0 71.9 107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

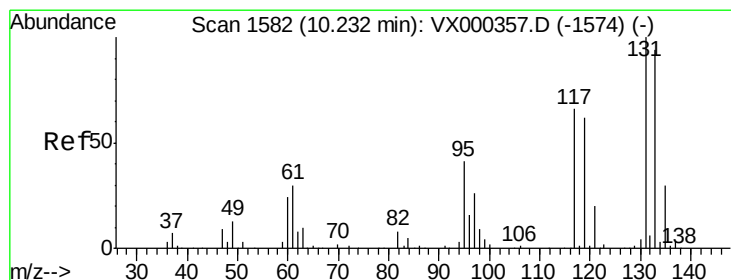
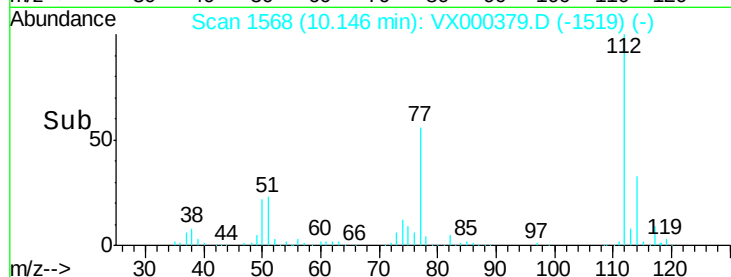
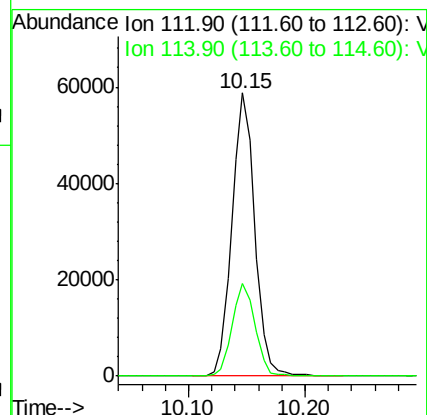
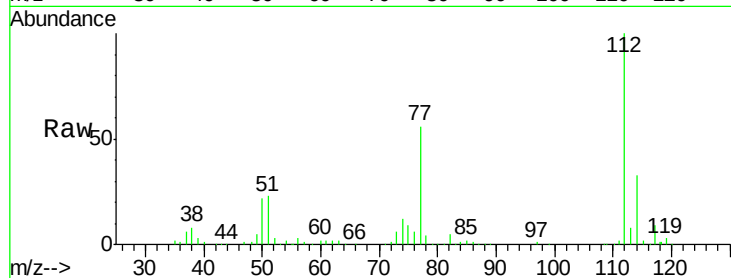




#65
Chlorobenzene
Concen: 19.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

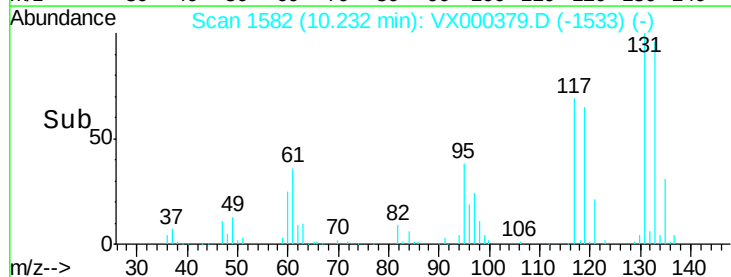
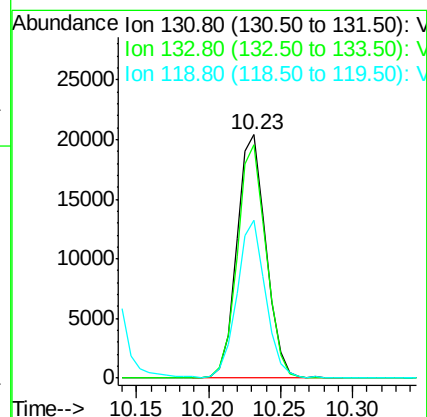
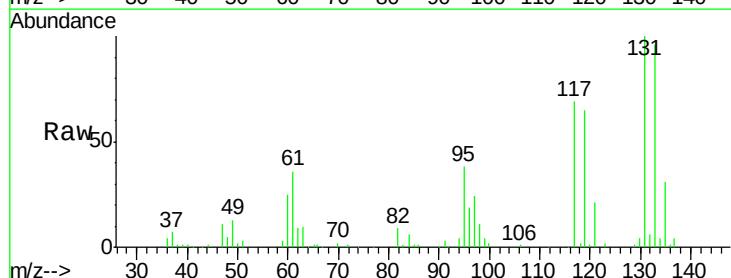
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

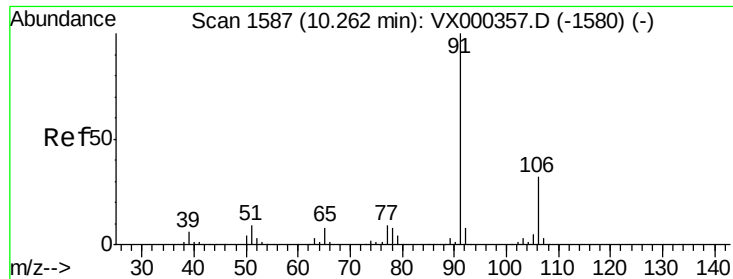
Tgt Ion:112 Resp: 80197
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.43 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion:131 Resp: 28786
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.3
119 64.1 33.1 99.2

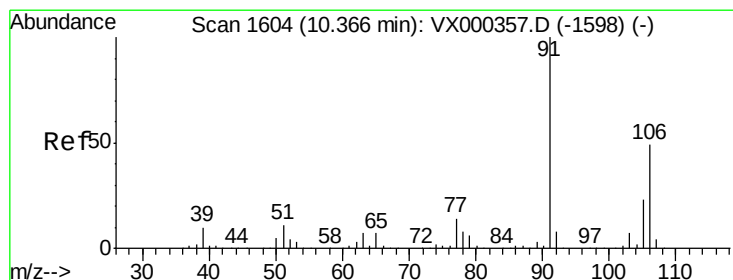
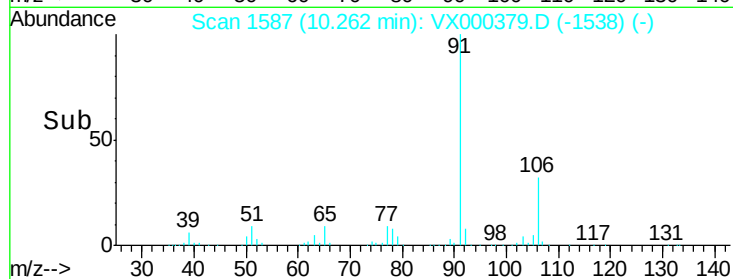
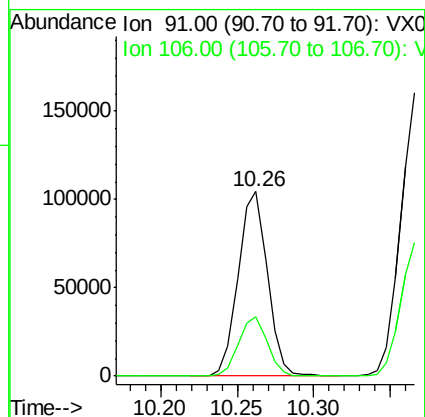
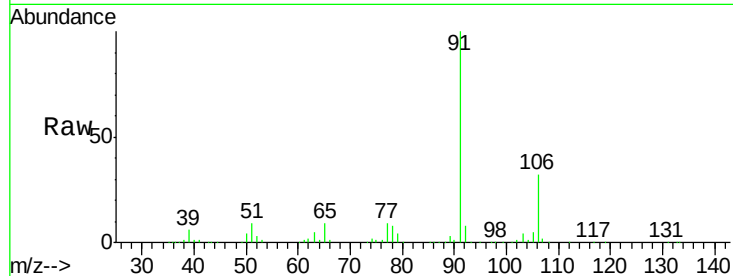




#67
Ethyl Benzene
Concen: 19.78 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

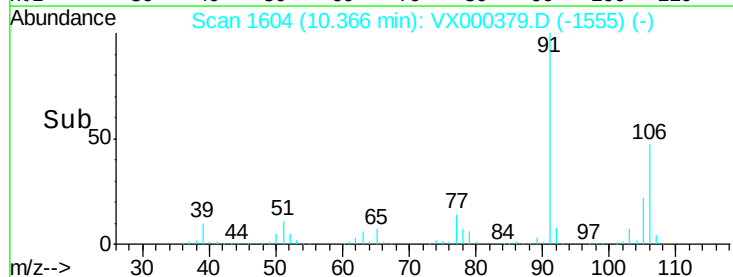
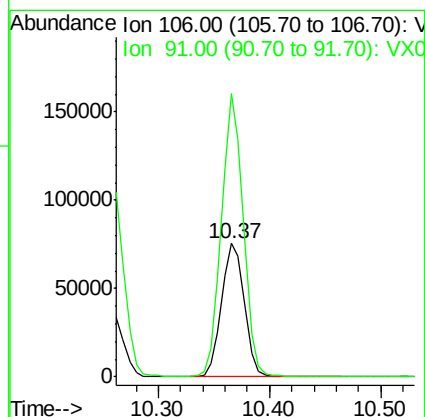
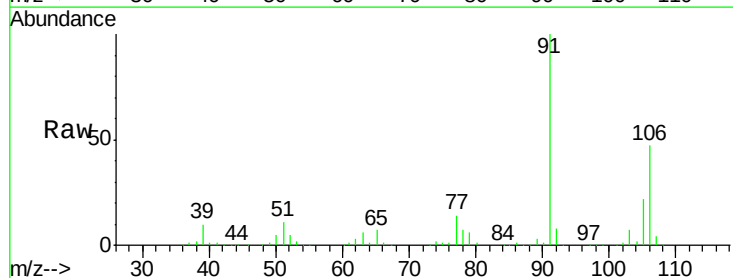
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

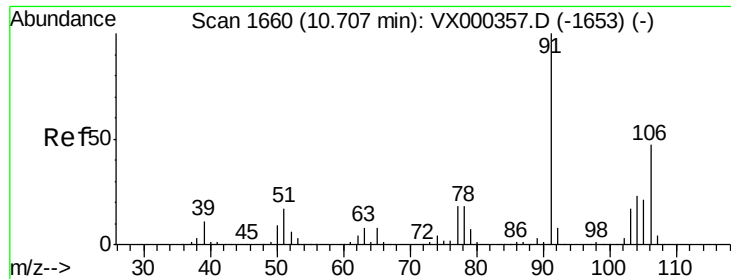
Tgt Ion: 91 Resp: 139127
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 38.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 106 Resp: 106745
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2

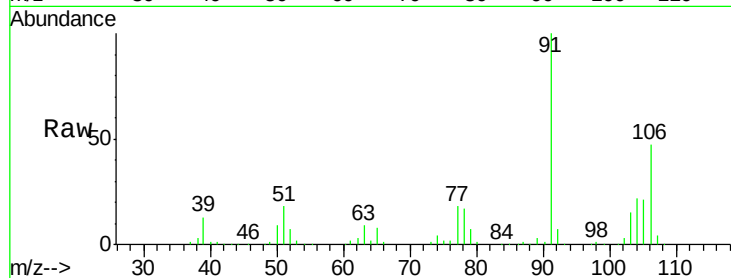




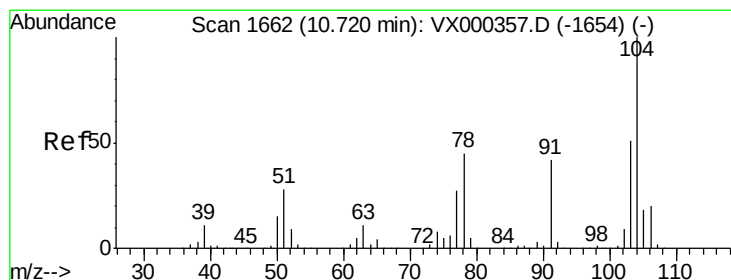
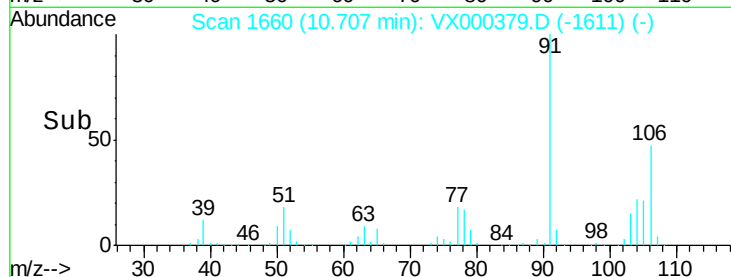
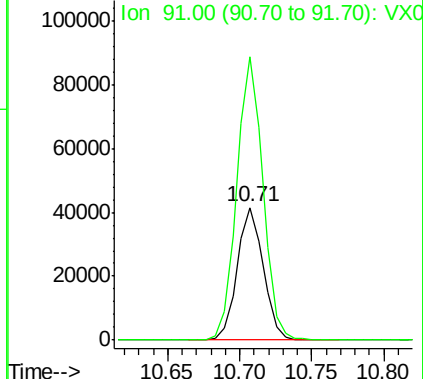
#69
o-Xylene
Concen: 19.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

Tgt Ion:106 Resp: 52195
Ion Ratio Lower Upper
106 100
91 215.1 106.5 319.6

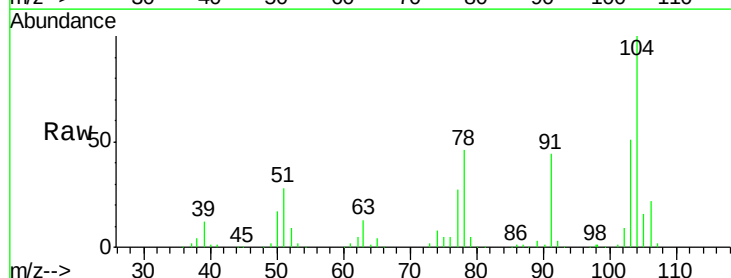


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

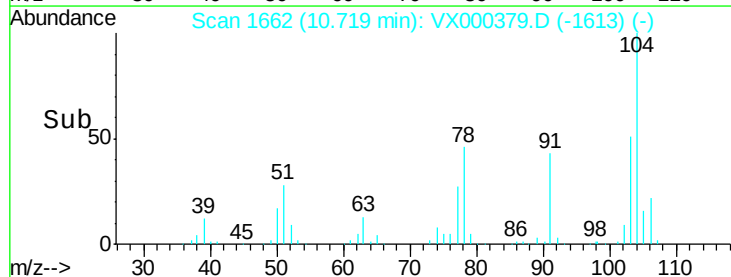
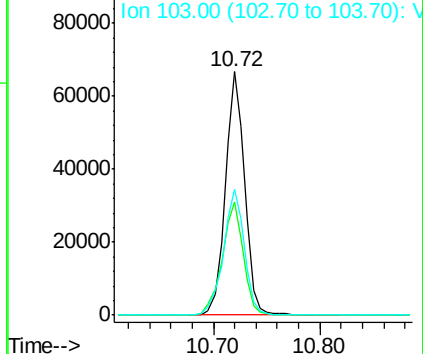


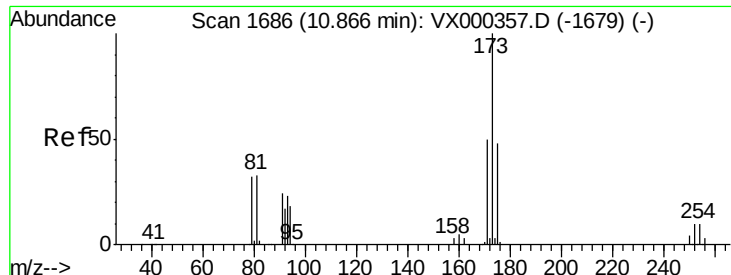
#70
Styrene
Concen: 19.01 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion:104 Resp: 84283
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 56.0 45.7 68.5



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: 18.96 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

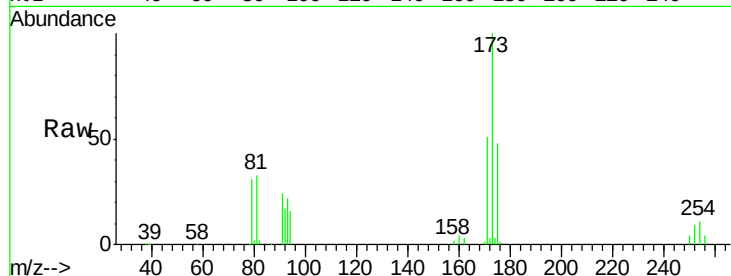
Tgt Ion:173 Resp: 23043

Ion Ratio Lower Upper

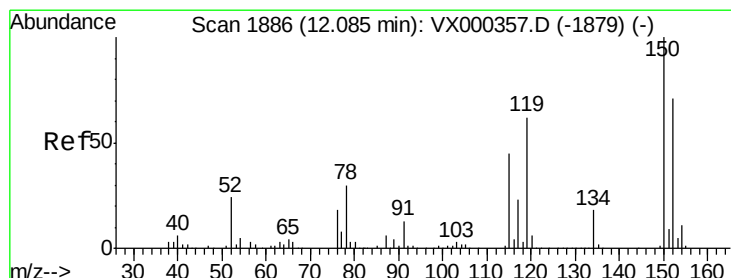
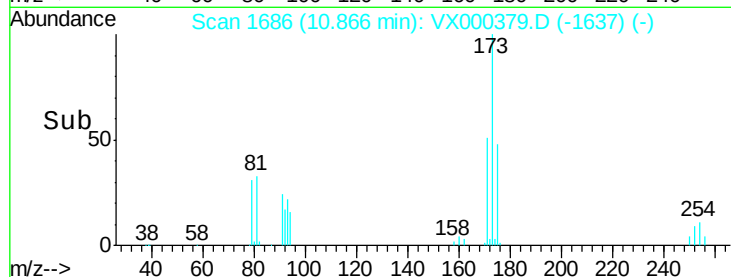
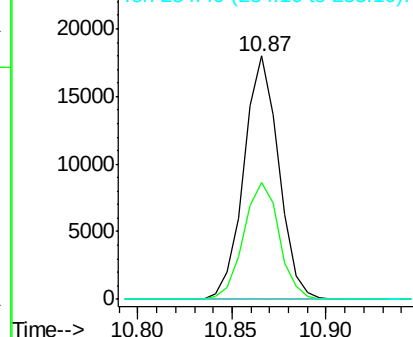
173 100

175 48.8 25.4 76.4

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. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

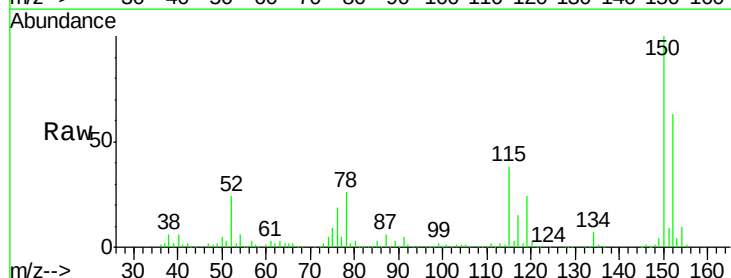
Tgt Ion:152 Resp: 99548

Ion Ratio Lower Upper

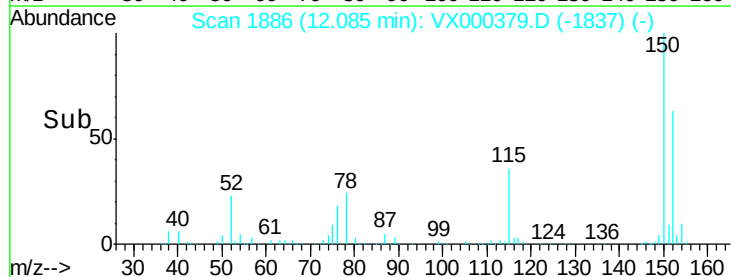
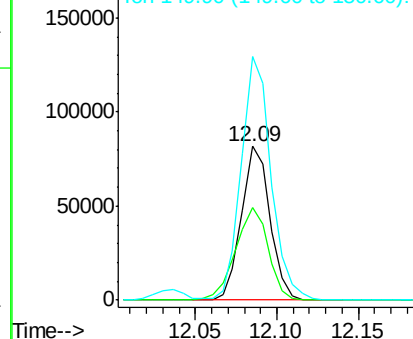
152 100

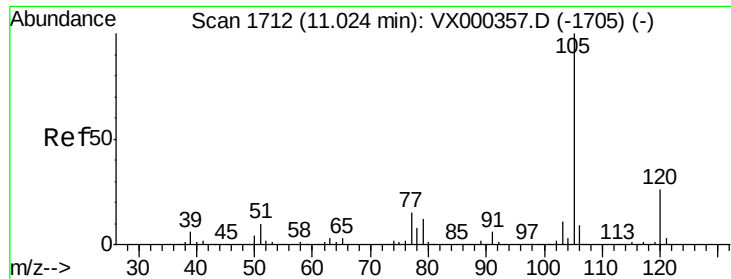
115 68.5 39.8 119.3

150 165.8 0.0 344.4



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: 21.59 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

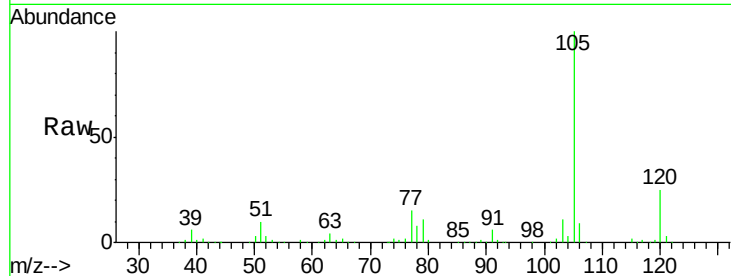
VX0321WBSD02

Tgt Ion:105 Resp: 142368

Ion Ratio Lower Upper

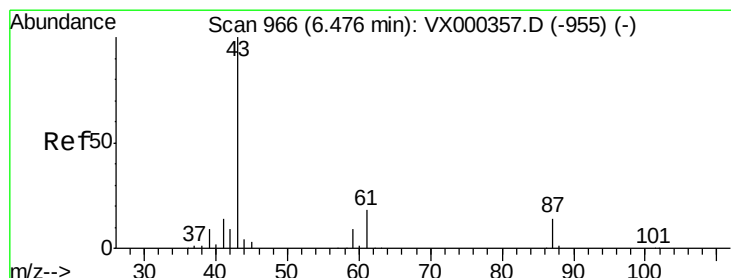
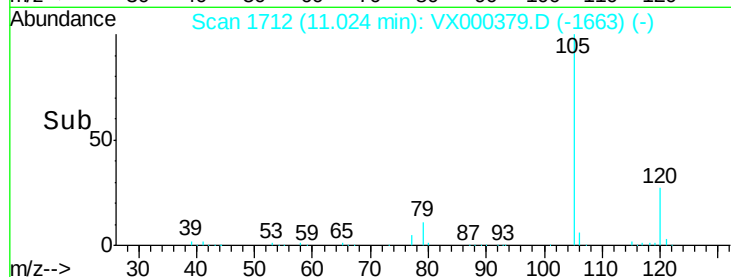
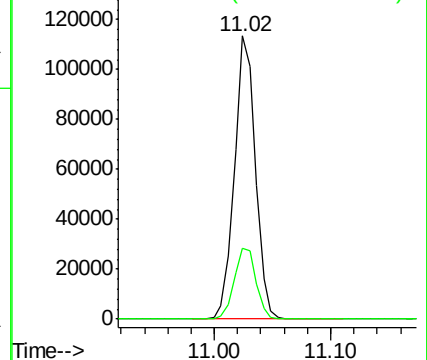
105 100

120 26.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Tgt Ion: 43 Resp: 72065

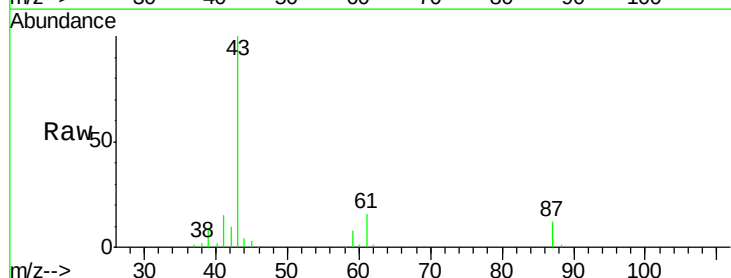
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.4 14.4 21.6

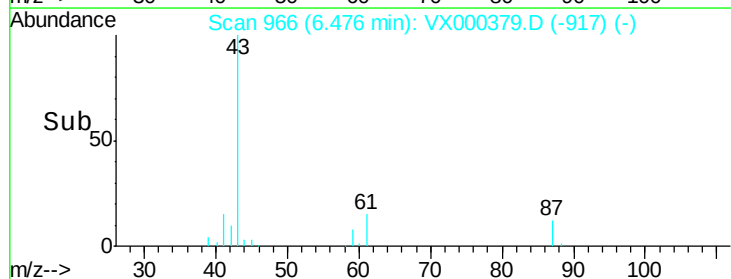
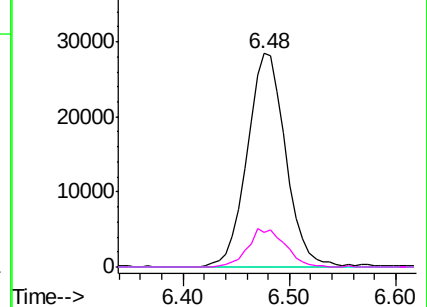


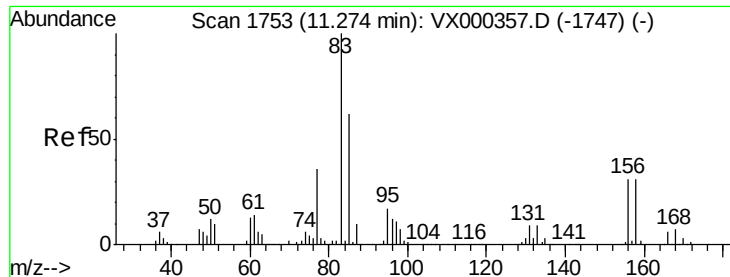
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

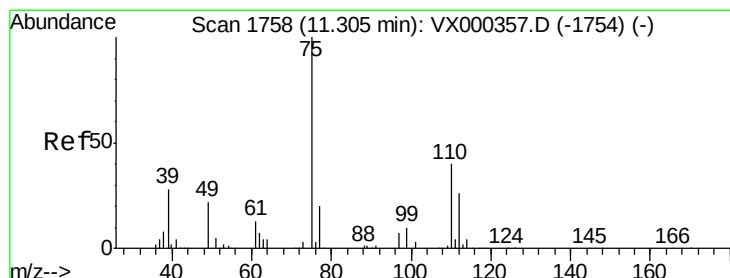
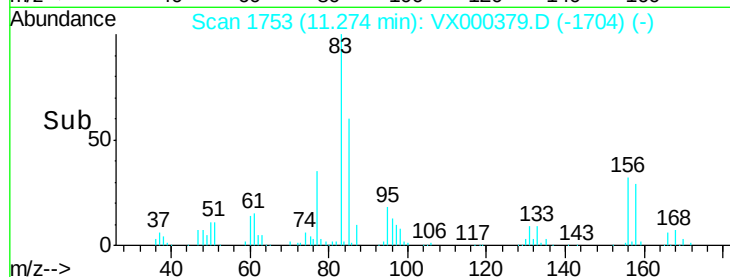
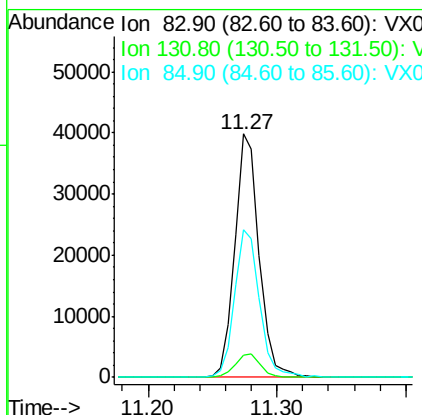
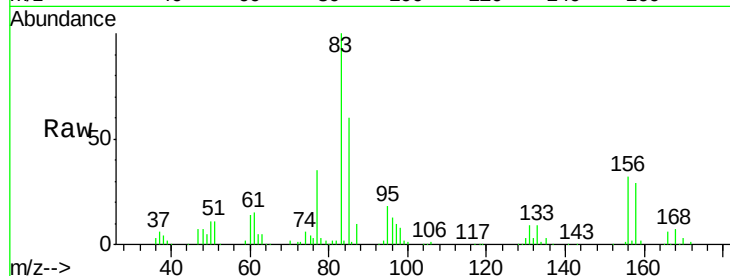




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.48 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

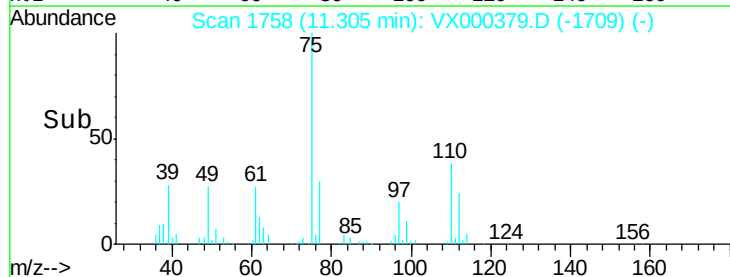
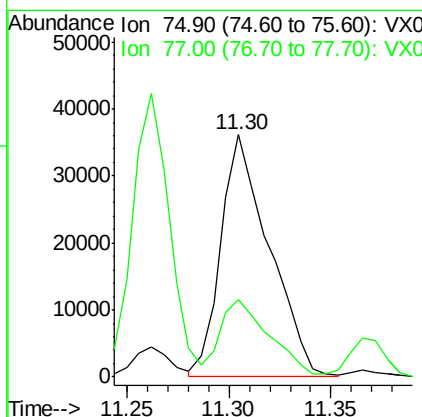
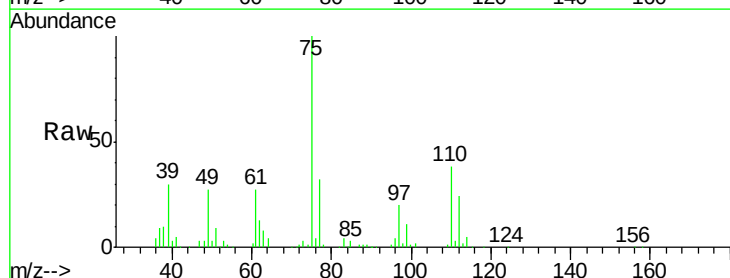
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

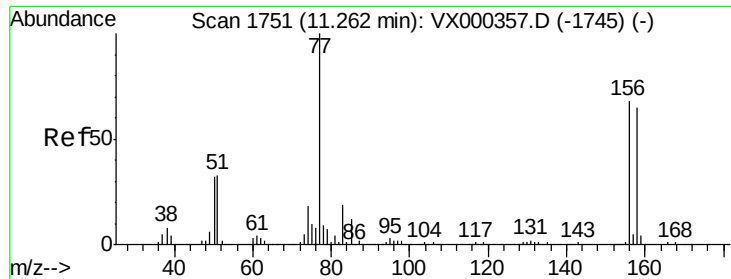
Tgt Ion: 83 Resp: 52433
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 62.4 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 27.84 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 75 Resp: 59554
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.4 64.2





#77

Bromobenzene

Concen: 20.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

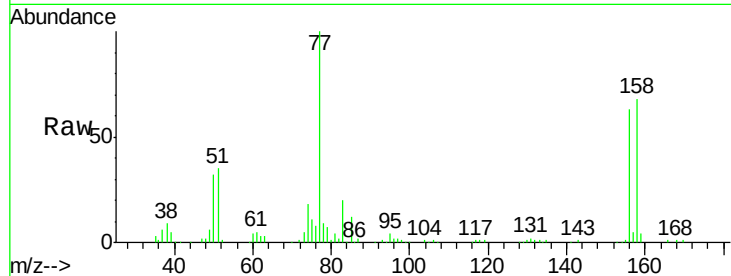
Tgt Ion:156 Resp: 35839

Ion Ratio Lower Upper

156 100

77 149.3 73.4 220.2

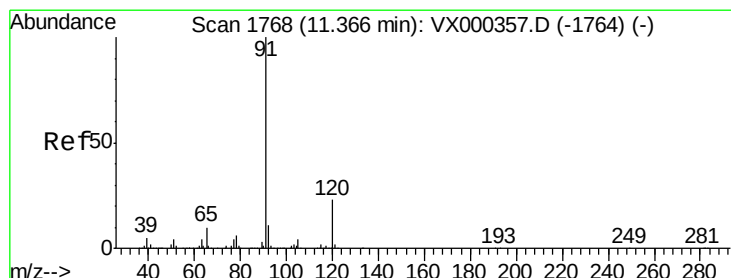
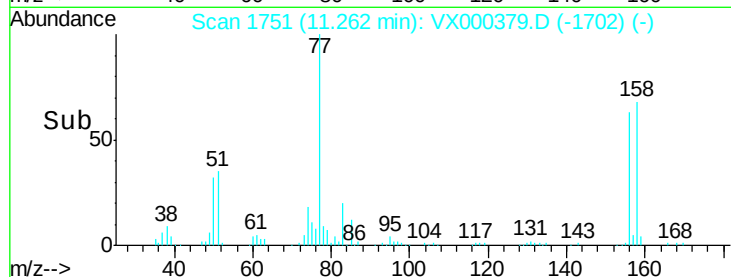
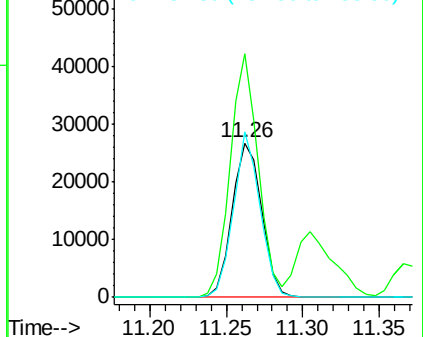
158 96.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000379.D

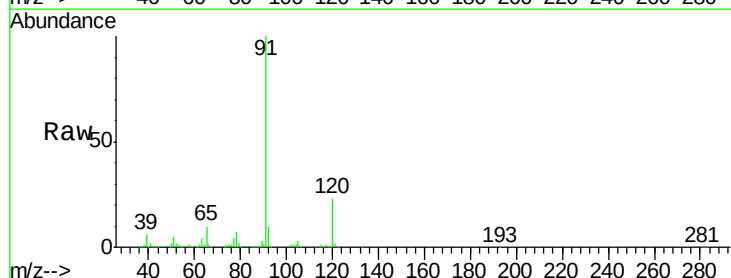
Acq: 21 Mar 2018 12:40

Tgt Ion: 91 Resp: 164372

Ion Ratio Lower Upper

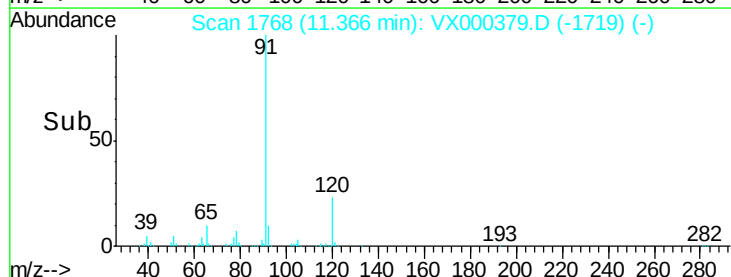
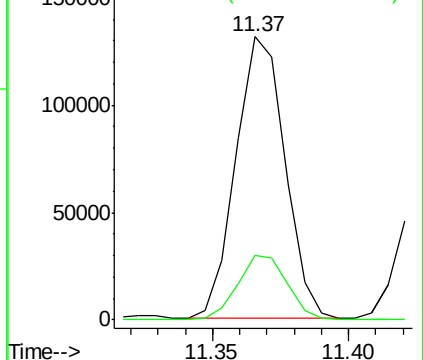
91 100

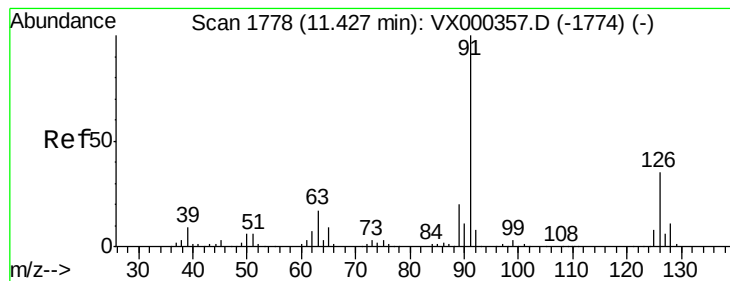
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.87 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

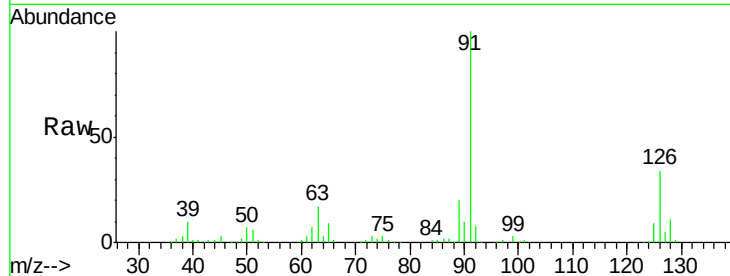
VX0321WBSD02

Tgt Ion: 91 Resp: 94836

Ion Ratio Lower Upper

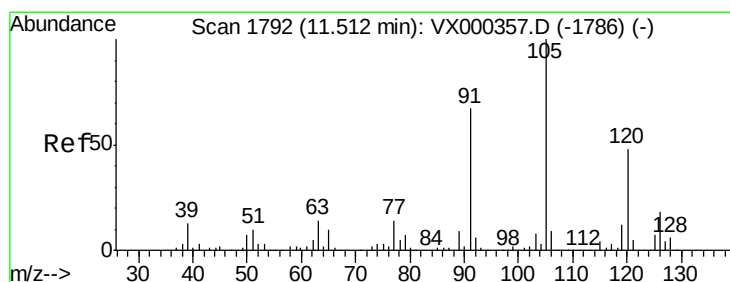
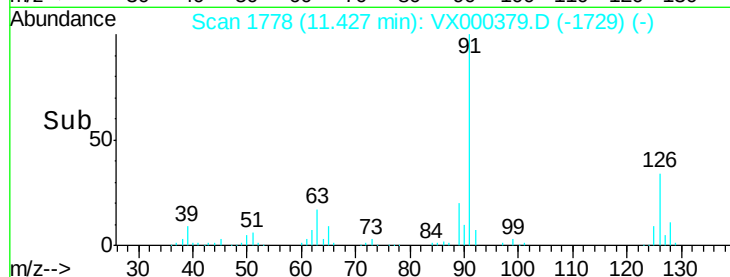
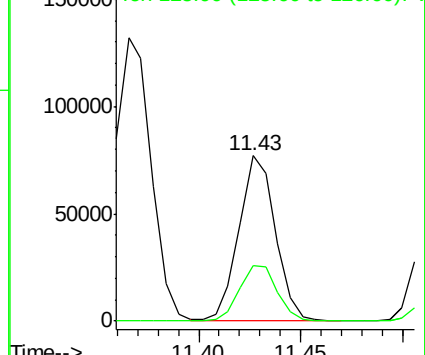
91 100

126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000379.D

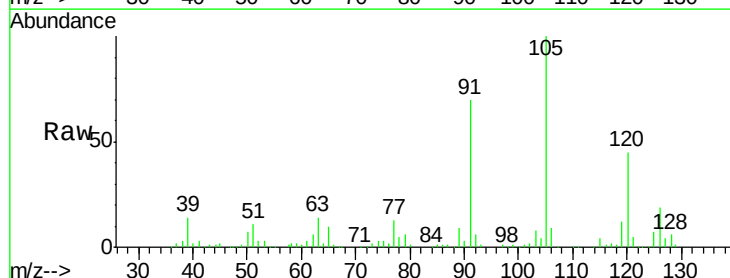
Acq: 21 Mar 2018 12:40

Tgt Ion: 105 Resp: 118600

Ion Ratio Lower Upper

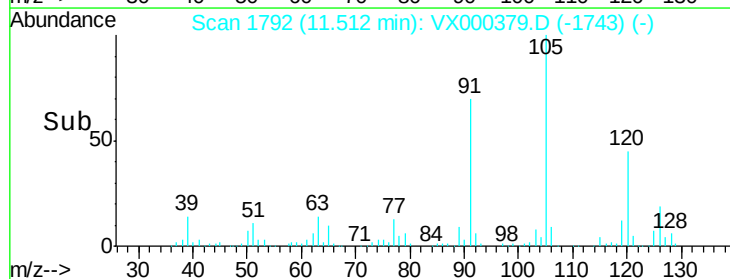
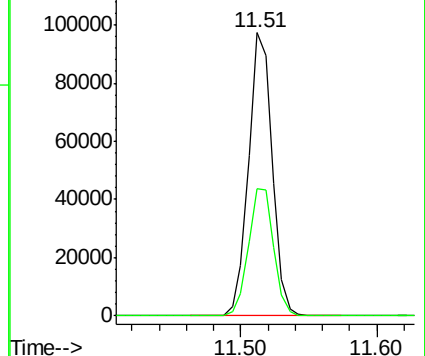
105 100

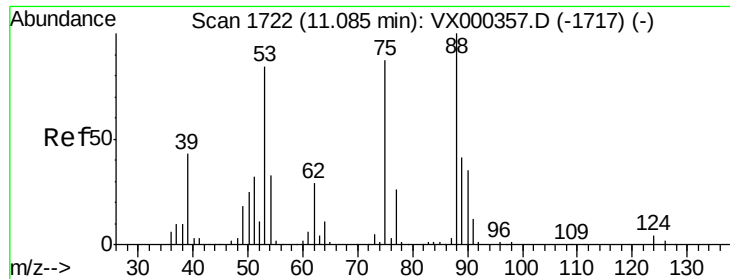
120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

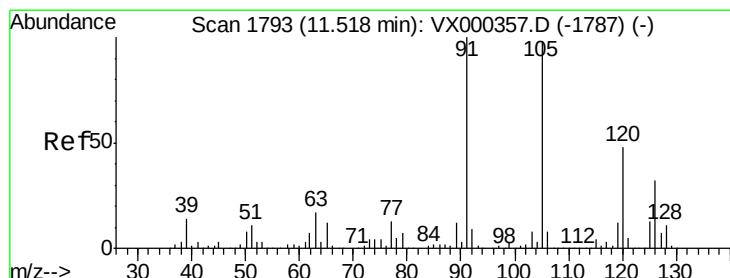
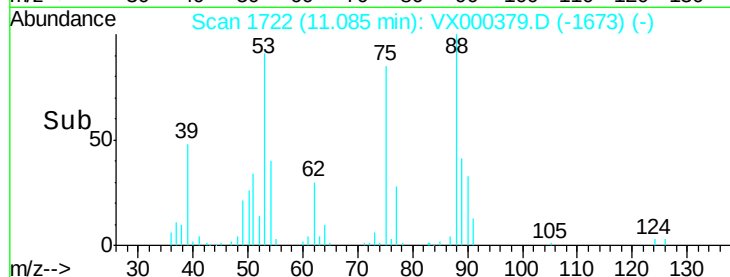
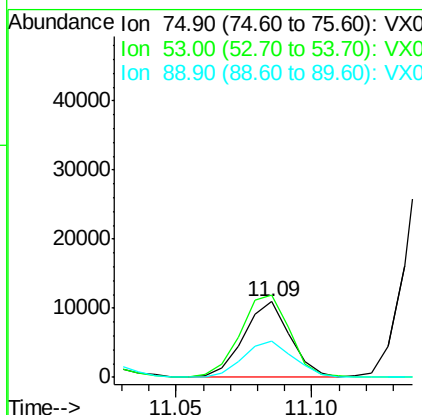
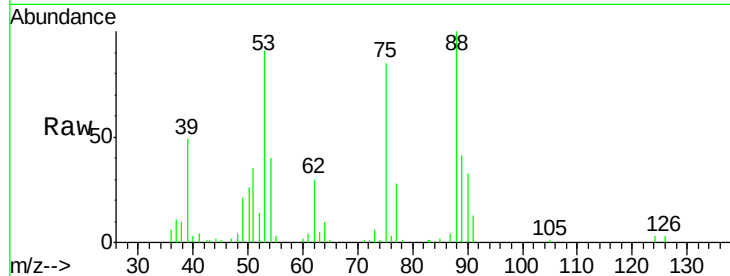




#81
trans-1,4-Dichloro-2-butene
Concen: 19.77 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

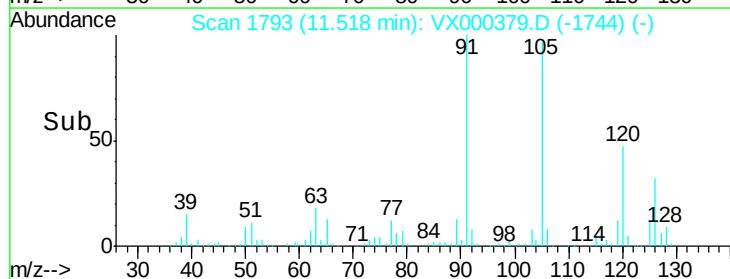
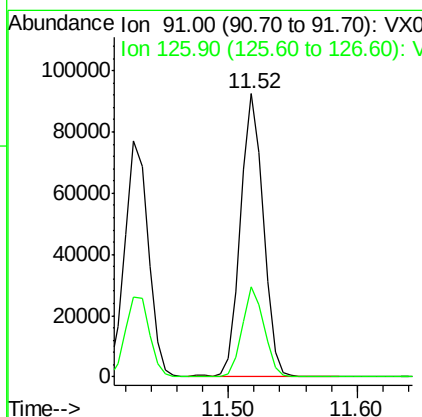
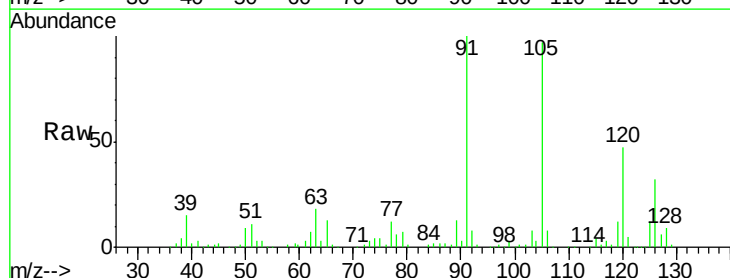
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

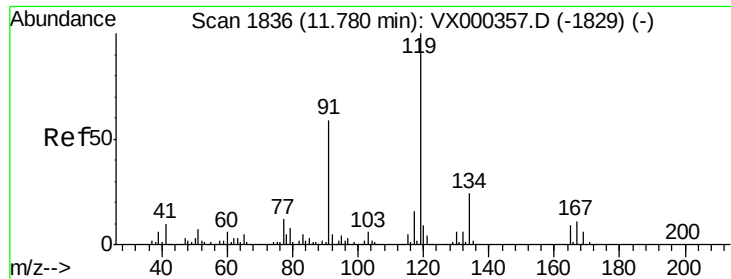
Tgt Ion: 75 Resp: 13063
Ion Ratio Lower Upper
75 100
53 114.7 80.7 121.1
89 51.1 39.4 59.0



#82
4-Chlorotoluene
Concen: 20.97 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000379.D
Acq: 21 Mar 2018 12:40

Tgt Ion: 91 Resp: 113768
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.1

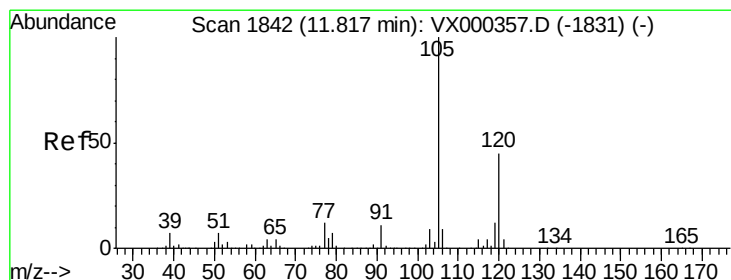
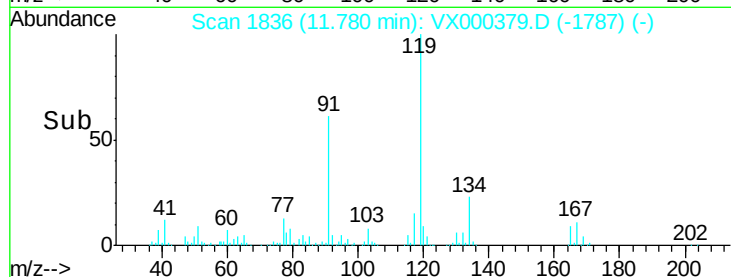
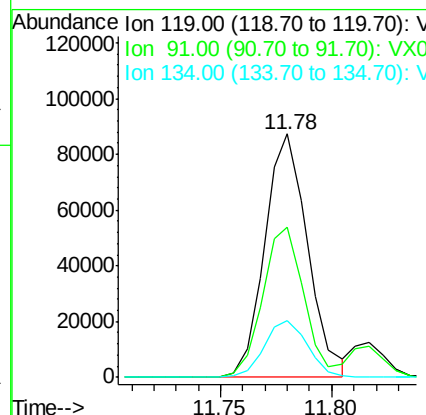
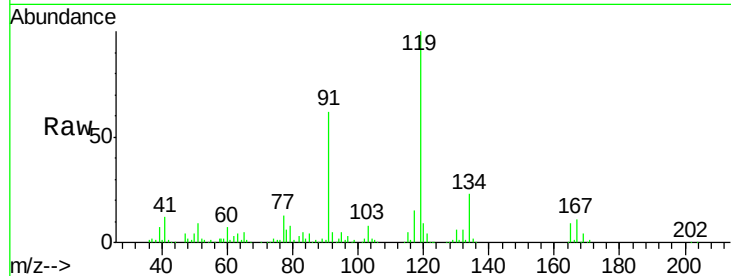




#83
 tert-Butylbenzene
 Concen: 20.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

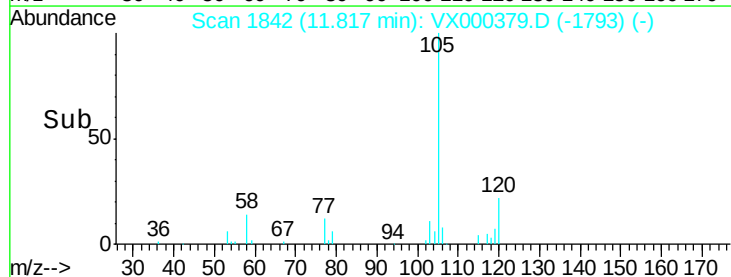
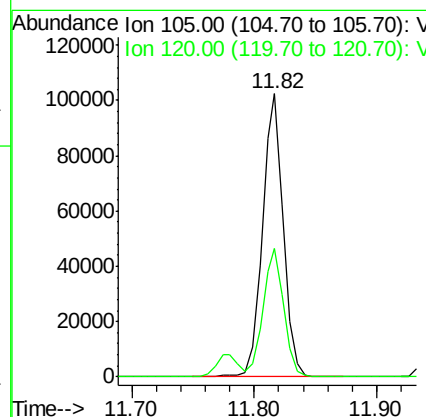
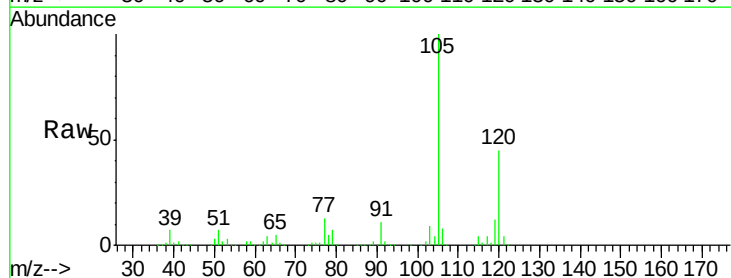
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

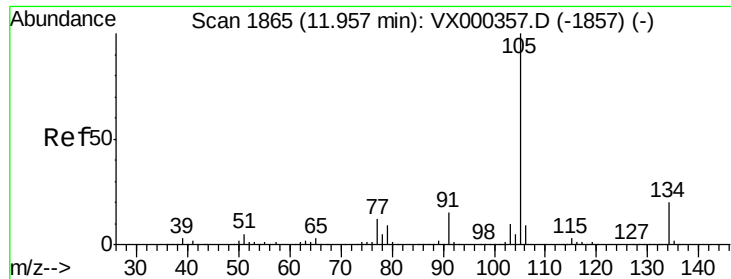
Tgt Ion:119 Resp: 116760
 Ion Ratio Lower Upper
 119 100
 91 59.0 28.8 86.4
 134 23.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.94 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion:105 Resp: 121738
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

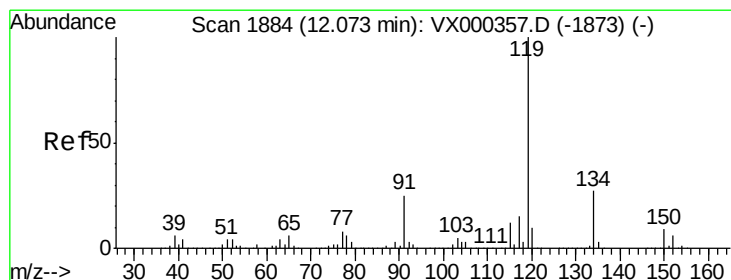
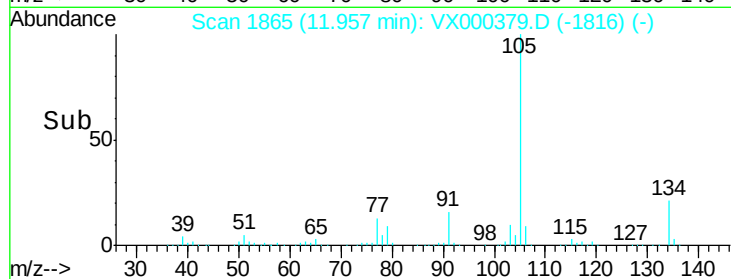
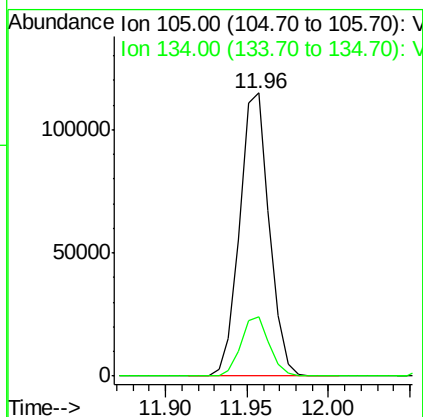
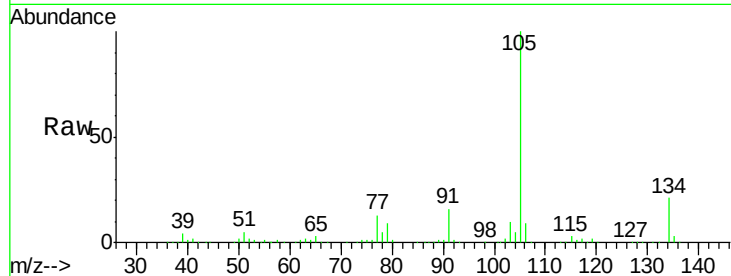




#85
 sec-Butylbenzene
 Concen: 21.00 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

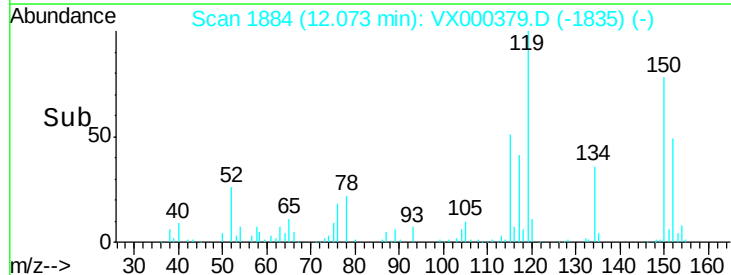
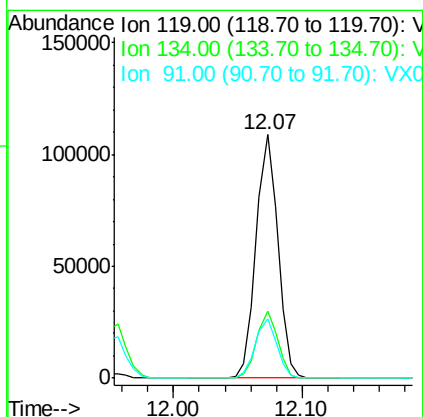
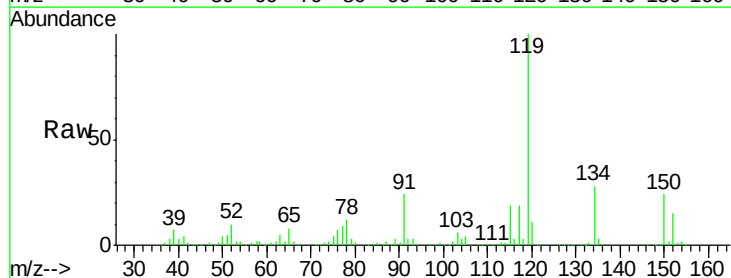
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0321WBSD02

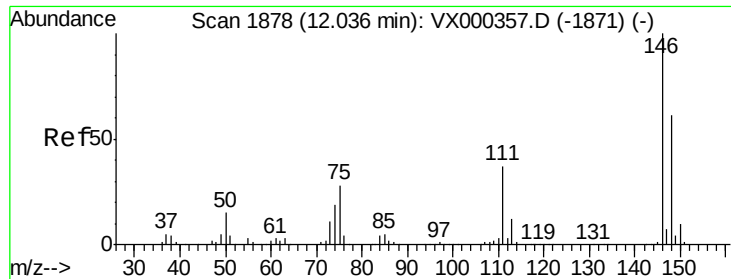
Tgt Ion:105 Resp: 145310
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.51 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion:119 Resp: 126047
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 24.5 12.0 36.1

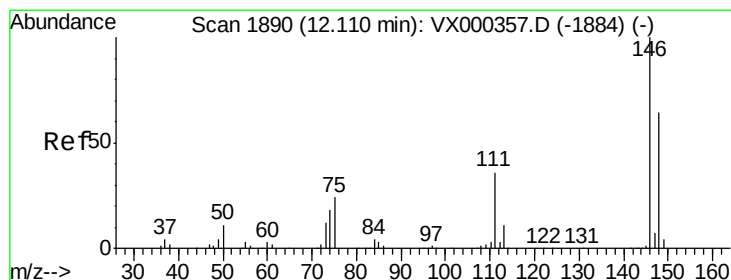
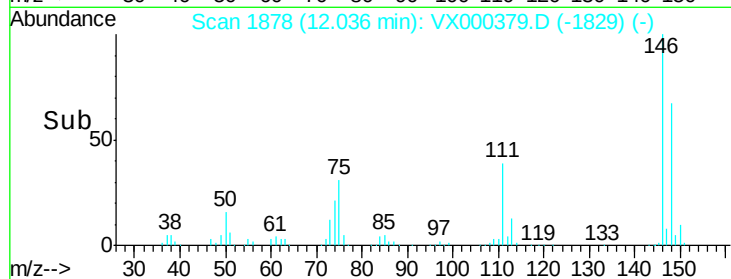
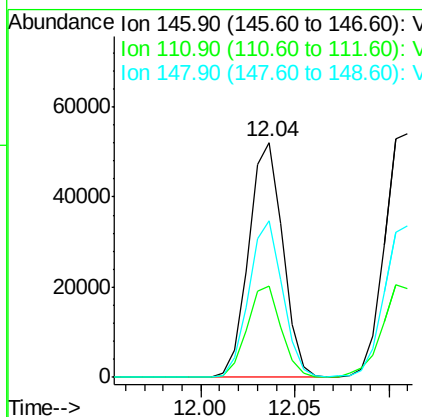
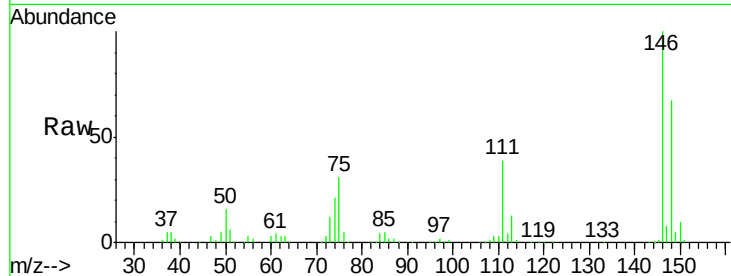




#87
 1,3-Dichlorobenzene
 Concen: 19.68 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

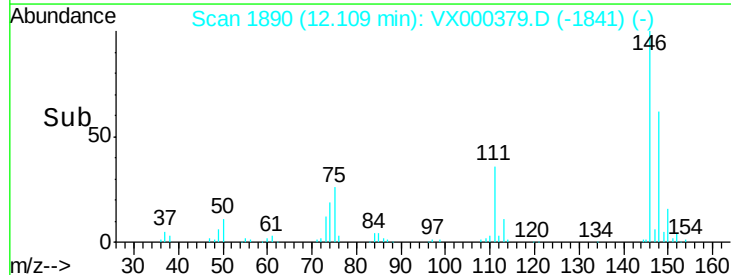
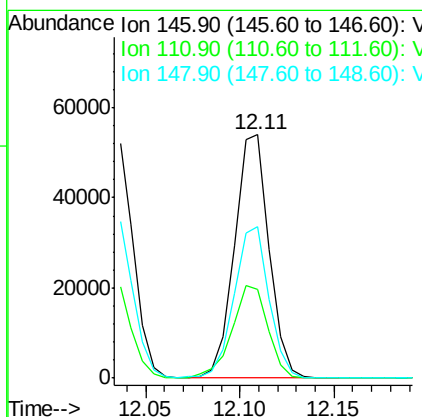
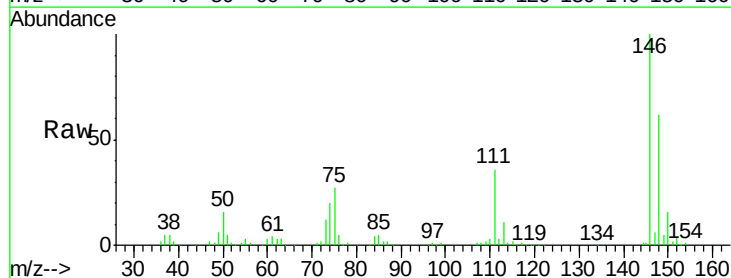
Instrument :
 MSVOA_X
 ClientSampled :
 VX0321WBSD02

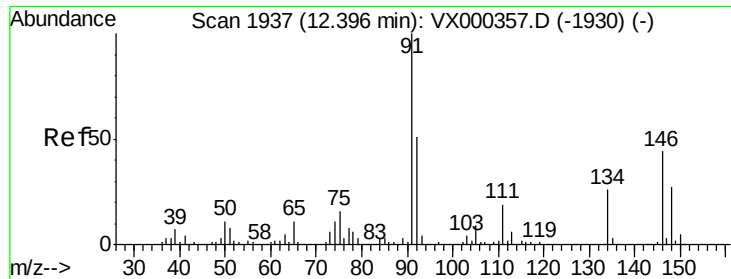
Tgt Ion:146 Resp: 65377
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.5 58.5
 148 65.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.69 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion:146 Resp: 68695
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 62.8 31.0 93.0





#89

n-Butylbenzene

Concen: 20.19 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD02

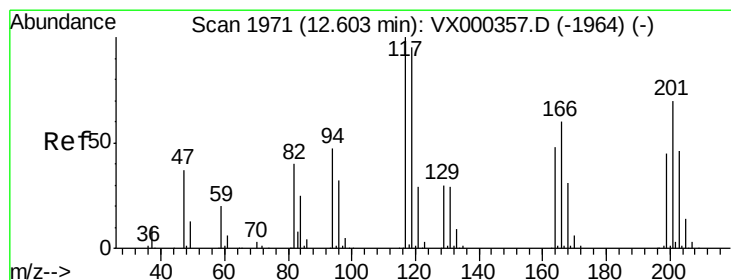
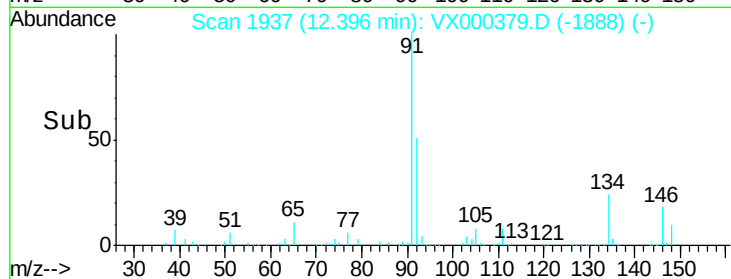
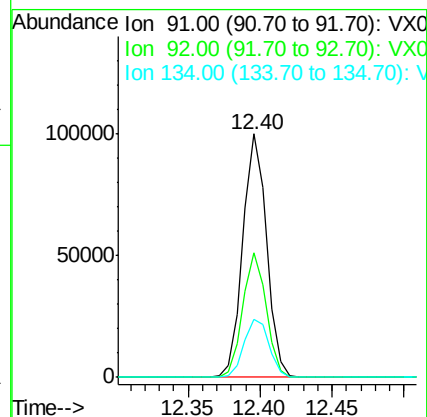
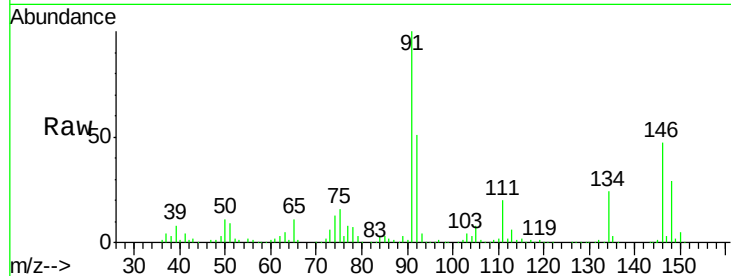
Tgt Ion: 91 Resp: 11520

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

134 25.3 13.1 39.3



#90

Hexachloroethane

Concen: 21.44 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000379.D

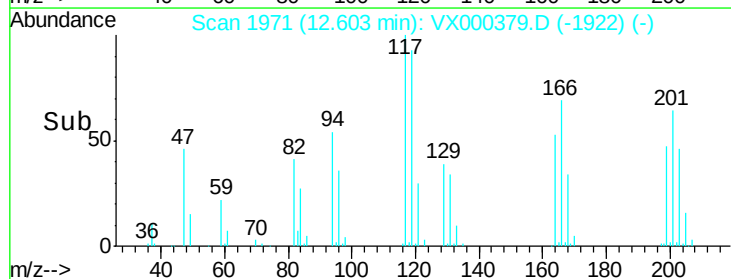
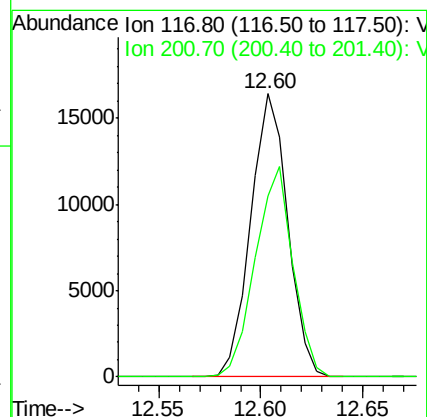
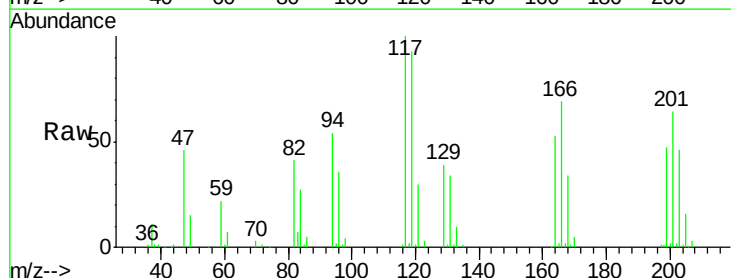
Acq: 21 Mar 2018 12:40

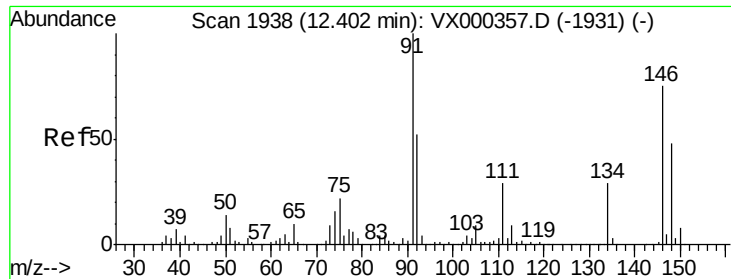
Tgt Ion: 117 Resp: 20738

Ion Ratio Lower Upper

117 100

201 75.5 37.9 113.6

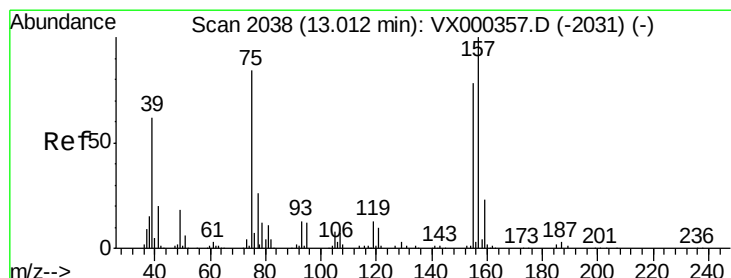
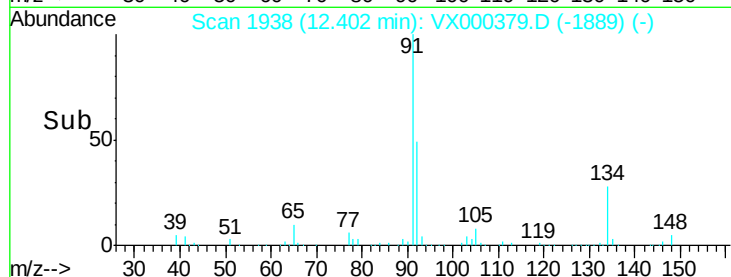
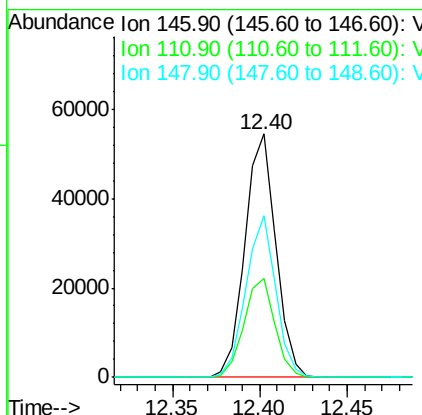
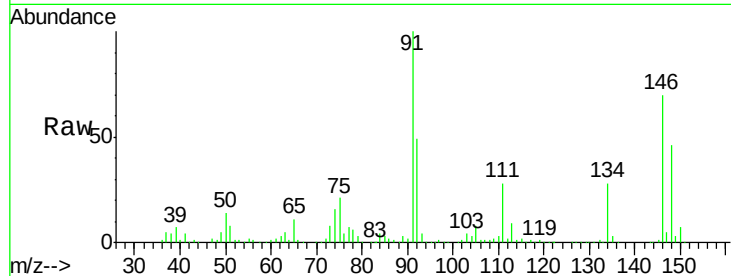




#91
 1,2-Dichlorobenzene
 Concen: 20.56 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

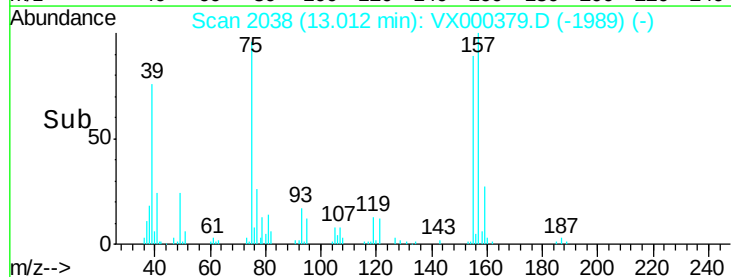
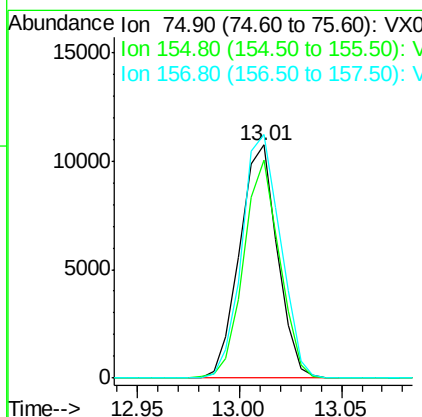
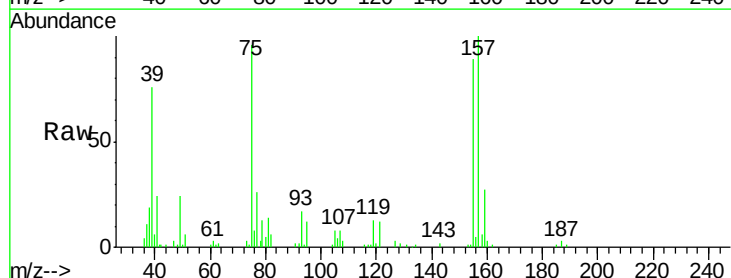
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

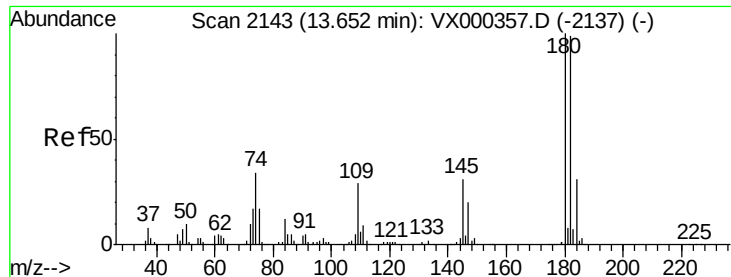
Tgt Ion: 146 Resp: 66960
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.2
 148 64.2 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.27 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion: 75 Resp: 13836
 Ion Ratio Lower Upper
 75 100
 155 88.8 45.0 134.8
 157 106.9 58.1 174.2

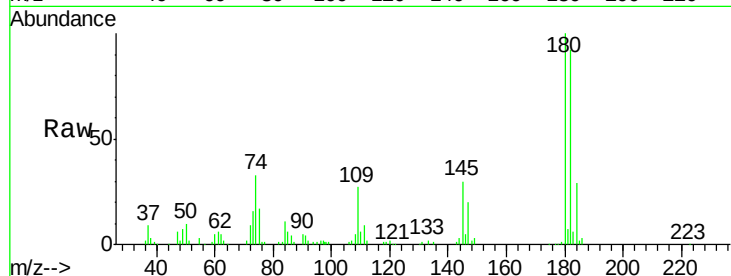




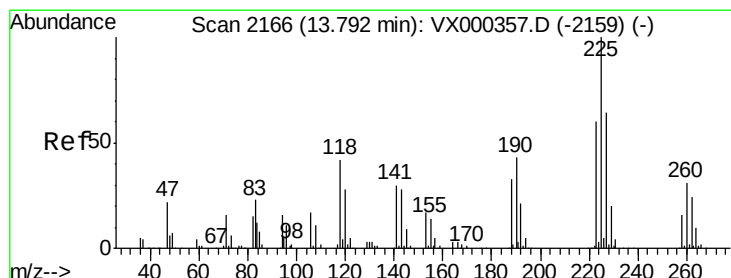
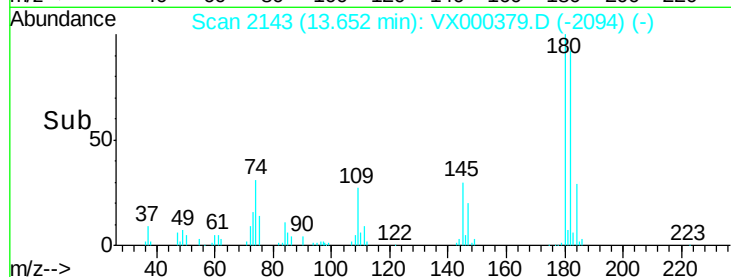
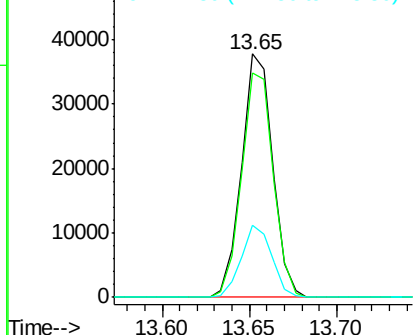
#93
 1,2,4-Trichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Tgt Ion:180 Resp: 46653
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.9
 145 29.1 15.1 45.3

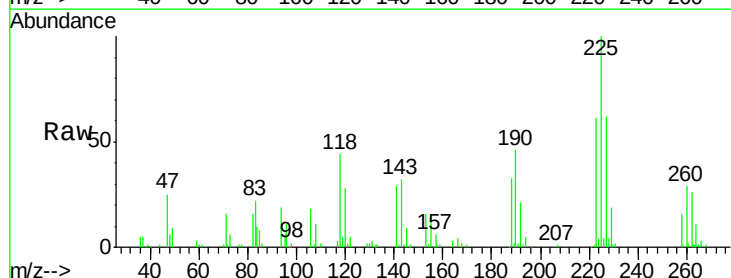


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

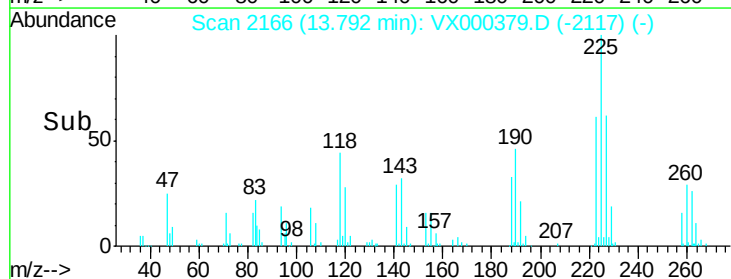
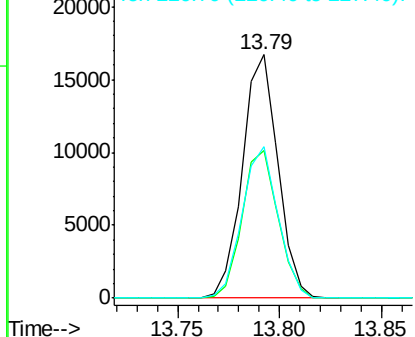


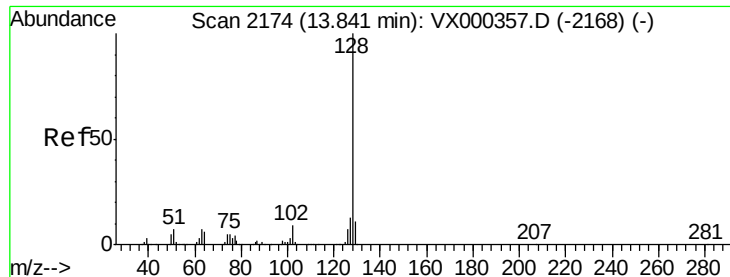
#94
 Hexachlorobutadiene
 Concen: 20.96 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000379.D
 Acq: 21 Mar 2018 12:40

Tgt Ion:225 Resp: 20260
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.0 96.0
 227 62.5 32.6 98.0



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: 21.21 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

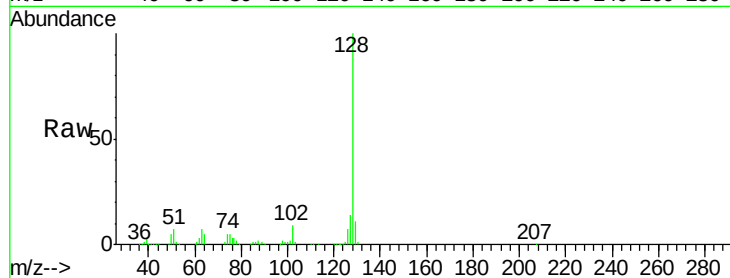
Tgt Ion:128 Resp: 172536

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

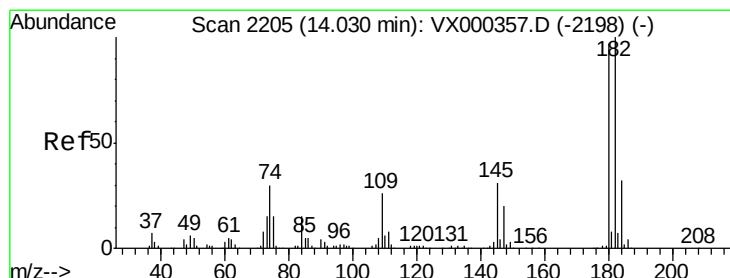
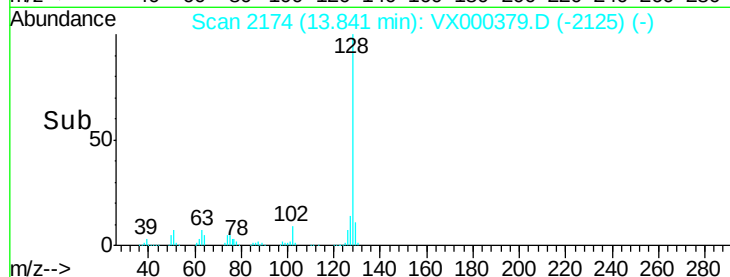
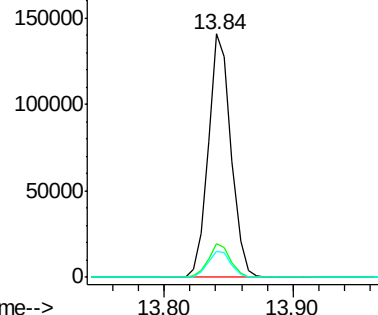
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000379.D

Acq: 21 Mar 2018 12:40

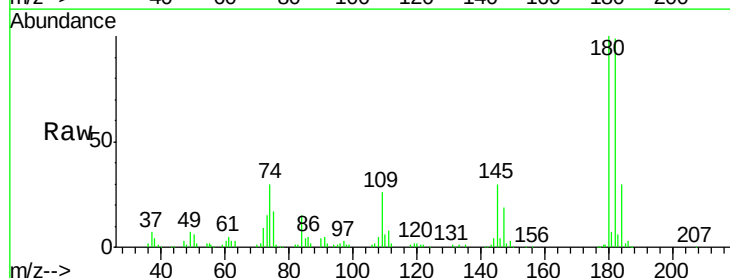
Tgt Ion:180 Resp: 47780

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.3

145 30.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

