

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
 Data File : VX000483.D
 Acq On : 28 Mar 2018 12:53
 Operator : JC/MD
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Quant Time: Mar 29 04:08:15 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	5.67	168	136465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	135133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	89866	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	71992	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.73	98	294244	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.15	95	116672	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31618	21.02	ug/l	99
3) Chloromethane	1.32	50	30582	19.30	ug/l	97
4) Vinyl Chloride	1.40	62	34939	20.87	ug/l	95
5) Bromomethane	1.64	94	27895	13.95	ug/l	97
6) Chloroethane	1.73	64	23104	24.33	ug/l	92
7) Trichlorofluoromethane	1.93	101	59947	19.84	ug/l	98
8) Diethyl Ether	2.19	74	22136	20.50	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34999	20.77	ug/l	97
10) Methyl Iodide	2.51	142	20844	15.69	ug/l	99
11) Tert butyl alcohol	3.06	59	63810	104.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29720	20.09	ug/l	94
13) Acrolein	2.29	56	18952	105.80	ug/l	99
14) Allyl chloride	2.73	41	57071	21.79	ug/l	98
15) Acrylonitrile	3.15	53	129717	104.52	ug/l	99
16) Acetone	2.45	43	159684	107.76	ug/l	99
17) Carbon Disulfide	2.57	76	81062	20.61	ug/l	99
18) Methyl Acetate	2.78	43	65352	21.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	116087	21.22	ug/l	98
20) Methylene Chloride	2.86	84	35353	20.66	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32833	19.90	ug/l	95
22) Diisopropyl ether	3.88	45	111358	24.08	ug/l	97
23) Vinyl Acetate	3.83	43	542245	123.70	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62198	21.39	ug/l	99
25) 2-Butanone	4.71	43	171254	102.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	40465	19.86	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	30855	20.01	ug/l	98
28) Bromochloromethane	5.03	49	22326	18.62	ug/l	99
29) Tetrahydrofuran	5.17	42	102955	100.46	ug/l	98
30) Chloroform	5.23	83	55839	20.49	ug/l	95
31) Cyclohexane	5.59	56	44333	19.73	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	47491	19.32	ug/l	99
36) 1,1-Dichloropropene	5.81	75	40856	20.10	ug/l	99
37) Ethyl Acetate	4.87	43	56482	20.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	41507	19.47	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)
39) Methylcyclohexane	7.47	83	51080	20.67	ug/l	91
40) Benzene	6.15	78	122102	20.69	ug/l	100
41) Methacrylonitrile	5.07	41	29932	20.45	ug/l	98
42) 1,2-Dichloroethane	6.21	62	48853	21.10	ug/l	99
43) Isopropyl Acetate	6.48	43	86459	20.92	ug/l	98
44) Trichloroethene	7.22	130	33738	19.95	ug/l	100
45) 1,2-Dichloropropane	7.52	63	32909	21.79	ug/l	100
46) Dibromomethane	7.67	93	24702	20.83	ug/l	95
47) Bromodichloromethane	7.91	83	44999	21.57	ug/l	93
48) Methyl methacrylate	7.79	41	42835	21.35	ug/l	98
49) 1,4-Dioxane	7.76	88	17458	414.01	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	353912	110.65	ug/l	97
52) Toluene	8.79	92	89076	21.59	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	52547	21.74	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	52231	22.27	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	38293	22.57	ug/l	98
56) Ethyl methacrylate	9.19	69	56890	22.13	ug/l	99
57) 1,3-Dichloropropane	9.38	76	62167	22.91	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	132640	107.50	ug/l	98
59) 2-Hexanone	9.51	43	299971	110.45	ug/l	97
60) Dibromochloromethane	9.59	129	39172	22.02	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42004	23.09	ug/l	98
64) Tetrachloroethene	9.34	164	37171	20.45	ug/l	92
65) Chlorobenzene	10.15	112	105972	20.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	36161	20.43	ug/l	98
67) Ethyl Benzene	10.26	91	181396	20.53	ug/l	99
68) m/p-Xylenes	10.37	106	142510	40.99	ug/l	99
69) o-Xylene	10.71	106	69364	20.61	ug/l	98
70) Styrene	10.72	104	112179	20.14	ug/l	99
71) Bromoform	10.87	173	30536	19.75	ug/l #	98
73) Isopropylbenzene	11.02	105	189742	21.19	ug/l	97
74) N-amyl acetate	6.48	43	86459	20.19	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	68528	21.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76370	26.30	ug/l	85
77) Bromobenzene	11.26	156	48041	20.14	ug/l	99
78) n-propylbenzene	11.37	91	221327	20.73	ug/l	100
79) 2-Chlorotoluene	11.43	91	125844	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156755	20.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17921	19.98	ug/l	92
82) 4-Chlorotoluene	11.52	91	151413	20.56	ug/l	98
83) tert-Butylbenzene	11.78	119	153373	20.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	159837	20.25	ug/l	100
85) sec-Butylbenzene	11.96	105	194772	20.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	172266	20.65	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	89950	19.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94020	19.86	ug/l	98
89) n-Butylbenzene	12.40	91	166016	21.37	ug/l	98
90) Hexachloroethane	12.60	117	26762	20.38	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	91475	20.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17694	20.03	ug/l	97

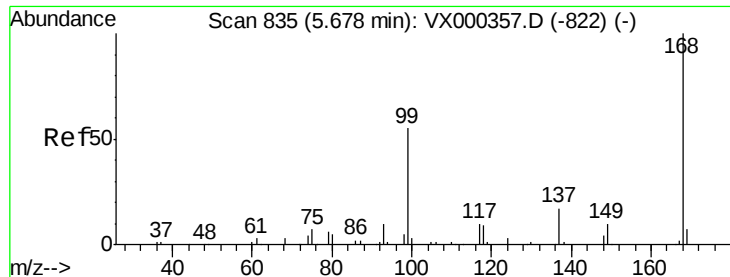
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032818\
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	67692	21.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	29885	22.77	ug/l	98
95) Naphthalene	13.84	128	234904	21.27	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	69296	22.12	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

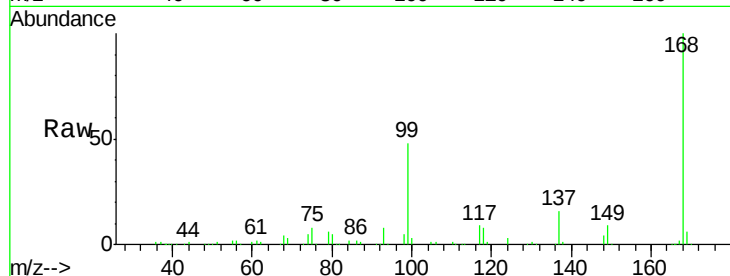
VX0328WBSD01

Tgt Ion:168 Resp: 136465

Ion Ratio Lower Upper

168 100

99 48.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

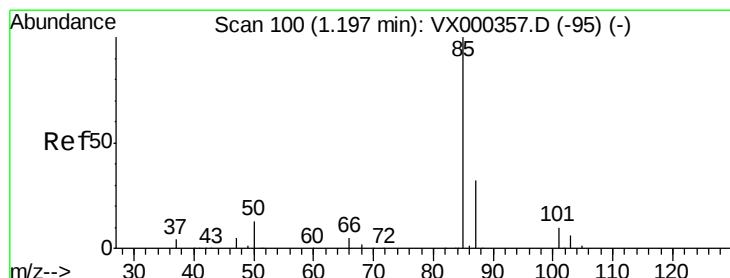
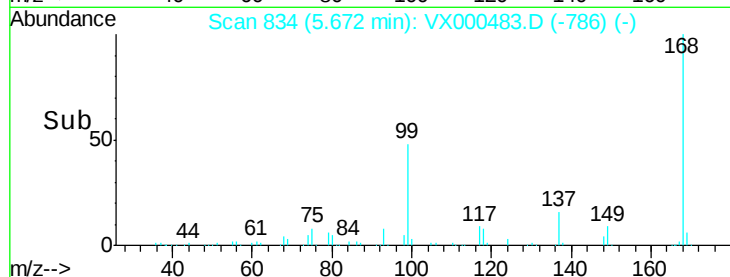
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000483.D

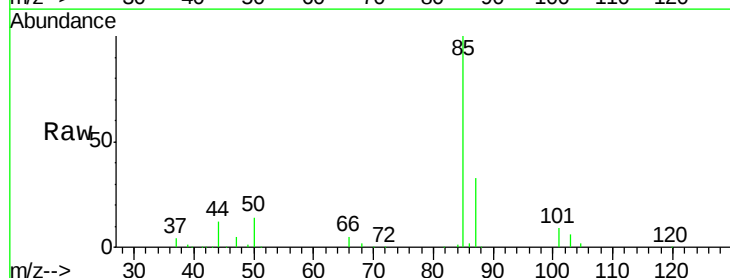
Acq: 28 Mar 2018 12:53

Tgt Ion: 85 Resp: 31618

Ion Ratio Lower Upper

85 100

87 33.1 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

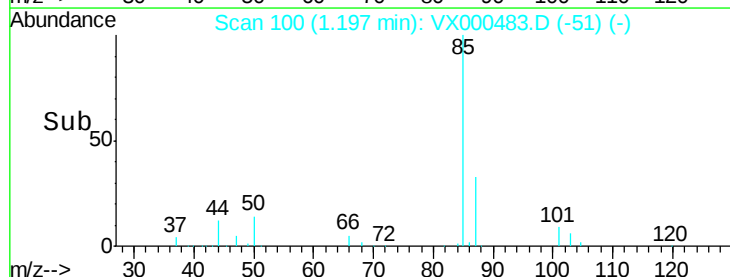
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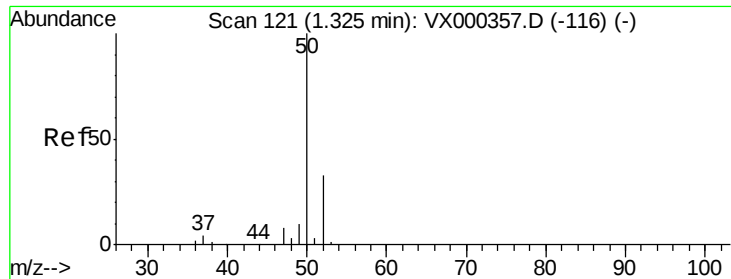
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0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

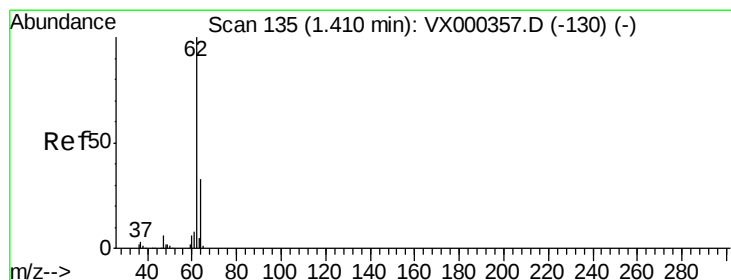
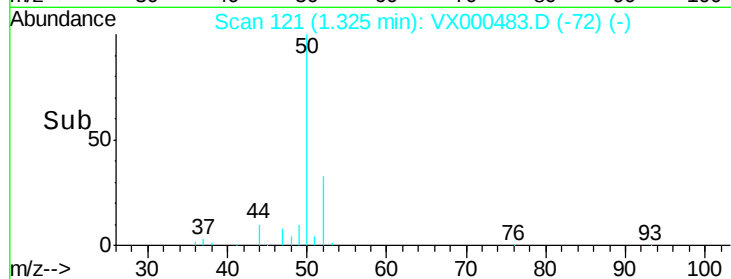
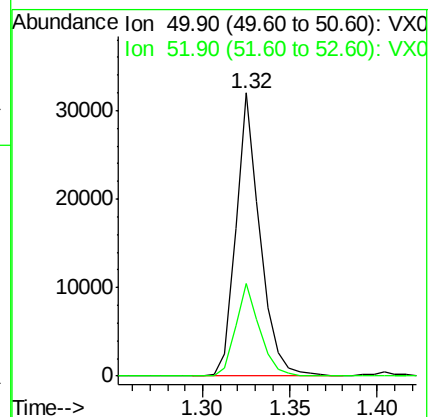
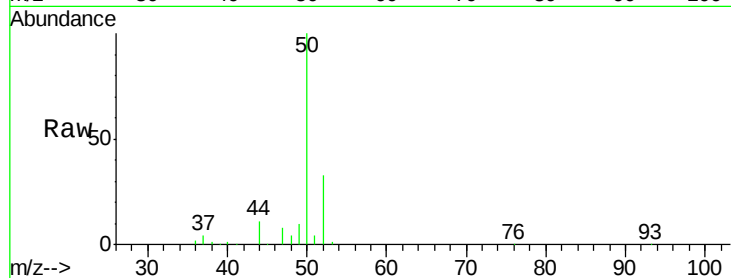
VX0328WBSD01

Tgt Ion: 50 Resp: 30582

Ion Ratio Lower Upper

50 100

52 32.8 27.5 41.3



#4

Vinyl Chloride

Concen: 20.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000483.D

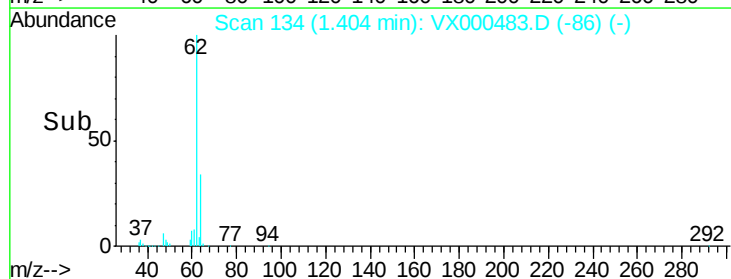
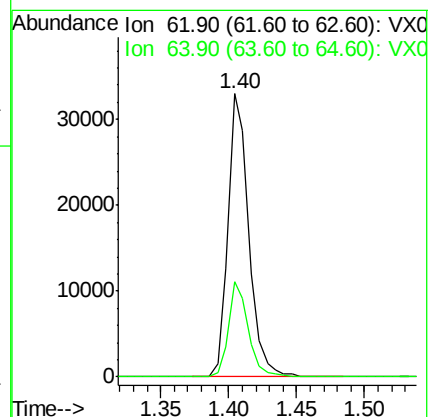
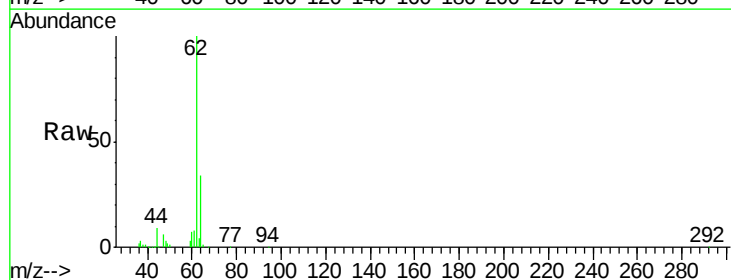
Acq: 28 Mar 2018 12:53

Tgt Ion: 62 Resp: 34939

Ion Ratio Lower Upper

62 100

64 33.6 24.8 37.2





#5

Bromomethane

Concen: 13.95 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

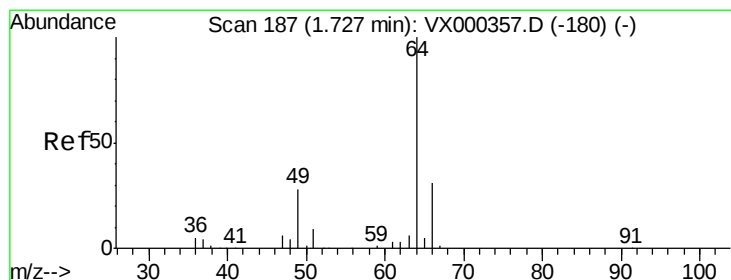
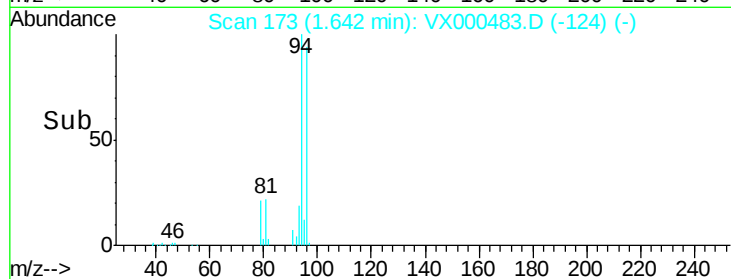
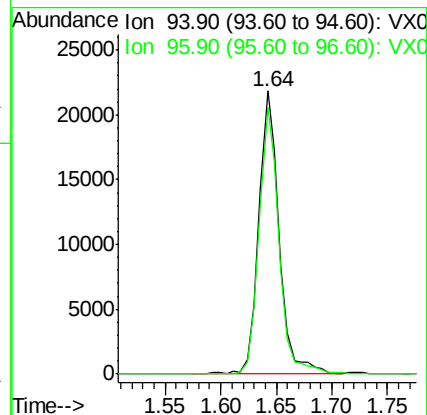
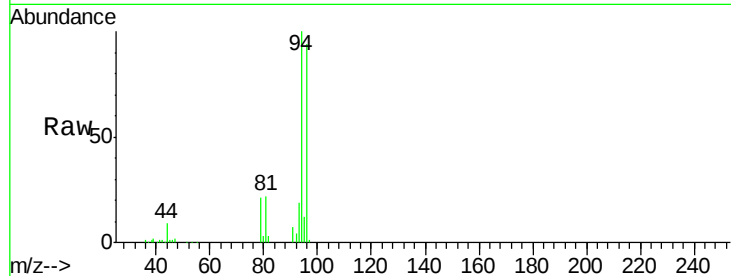
VX0328WBSD01

Tgt Ion: 94 Resp: 27895

Ion Ratio Lower Upper

94 100

96 94.1 77.7 116.5



#6

Chloroethane

Concen: 24.33 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000483.D

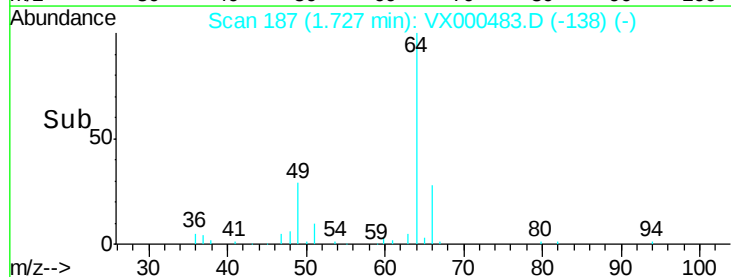
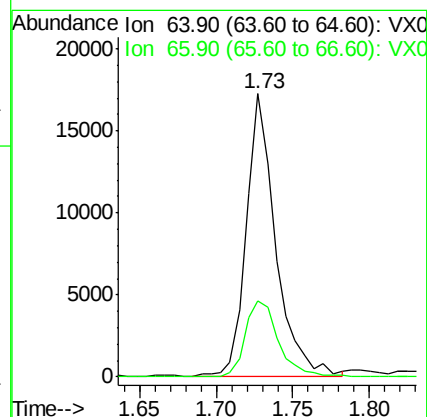
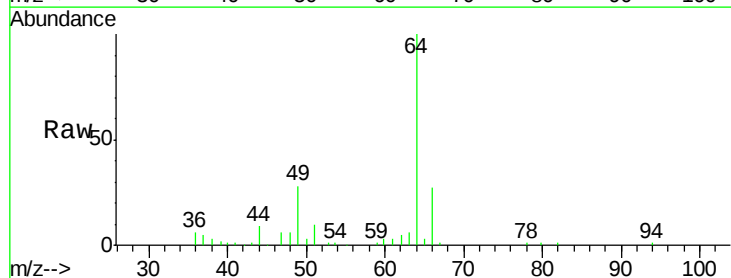
Acq: 28 Mar 2018 12:53

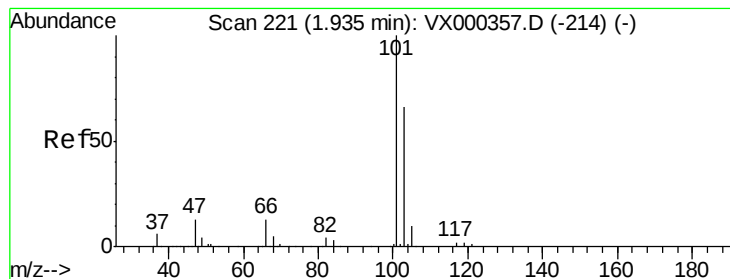
Tgt Ion: 64 Resp: 23104

Ion Ratio Lower Upper

64 100

66 26.7 24.8 37.2



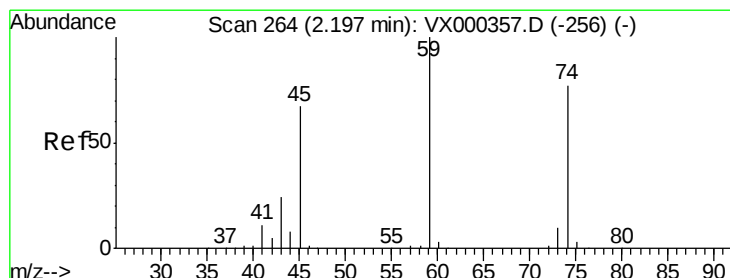
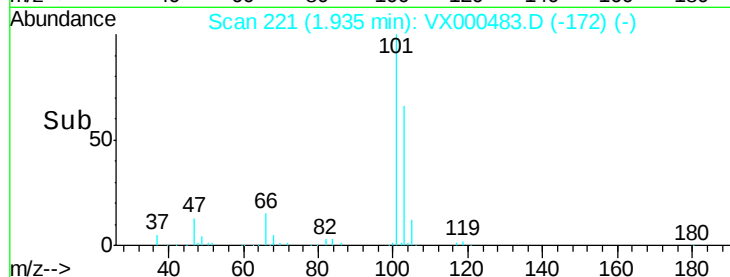
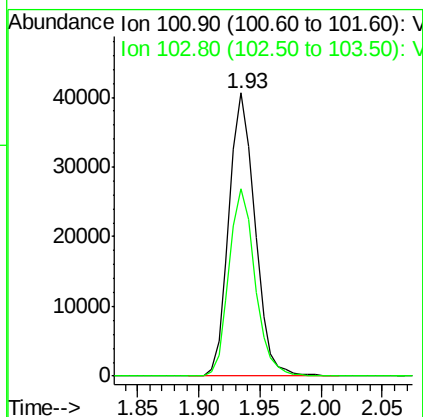
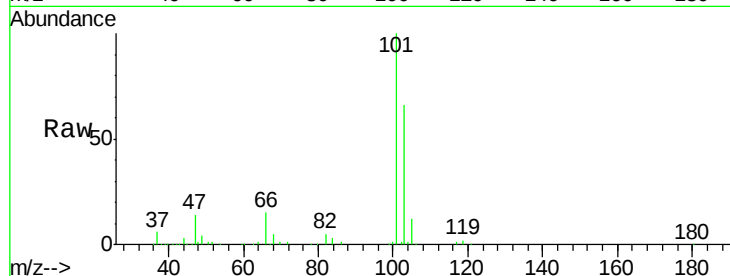


#7

Trichlorofluoromethane
Concen: 19.84 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
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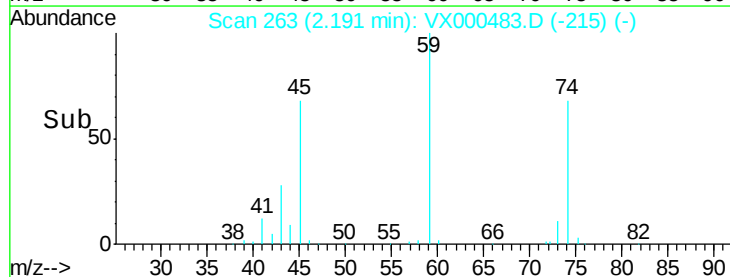
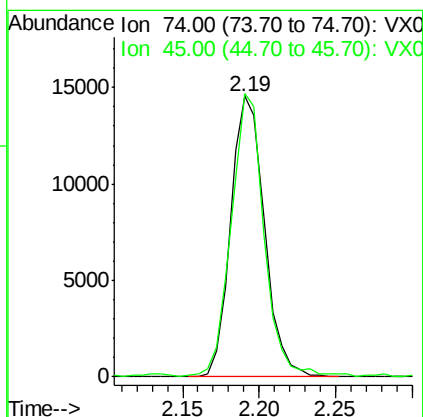
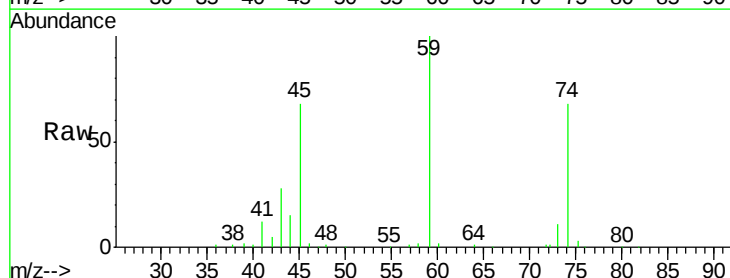
Tgt Ion: 101 Resp: 59947
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4



#8

Diethyl Ether
Concen: 20.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 74 Resp: 22136
Ion Ratio Lower Upper
74 100
45 99.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.77 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

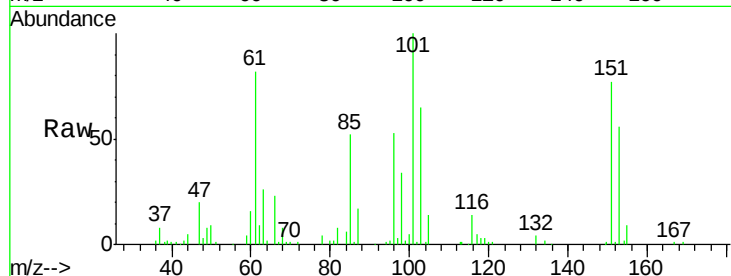
Tgt Ion:101 Resp: 34999

Ion Ratio Lower Upper

101 100

85 50.1 37.6 56.4

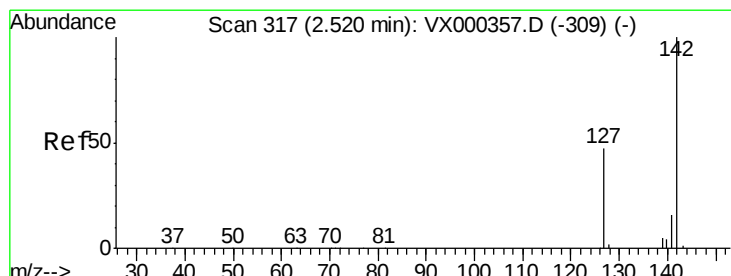
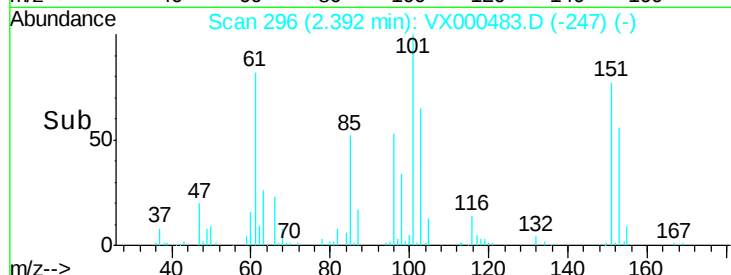
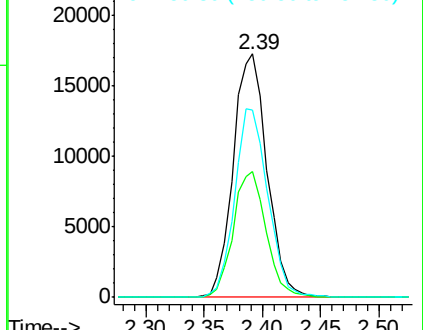
151 76.1 62.6 93.8



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: 15.69 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

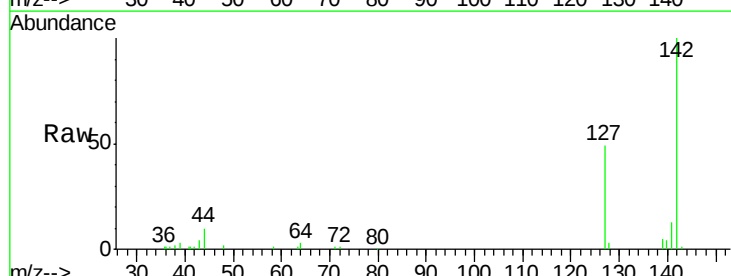
Tgt Ion:142 Resp: 20844

Ion Ratio Lower Upper

142 100

127 50.0 39.2 58.8

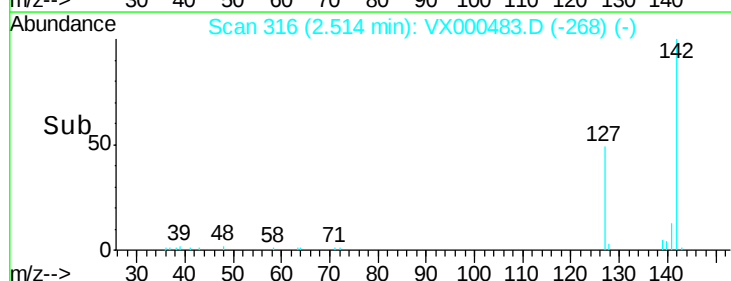
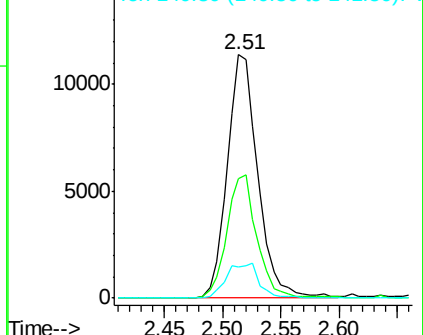
141 15.2 11.7 17.5

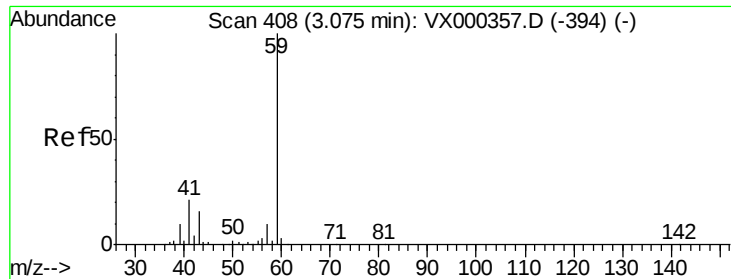


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

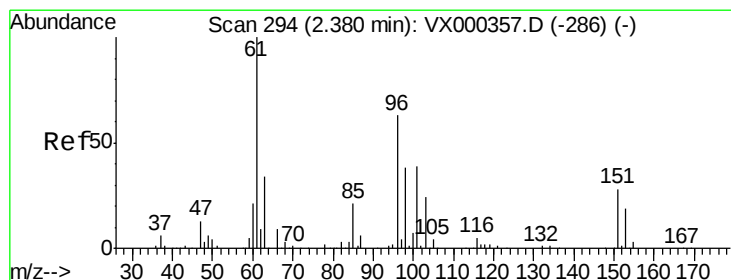
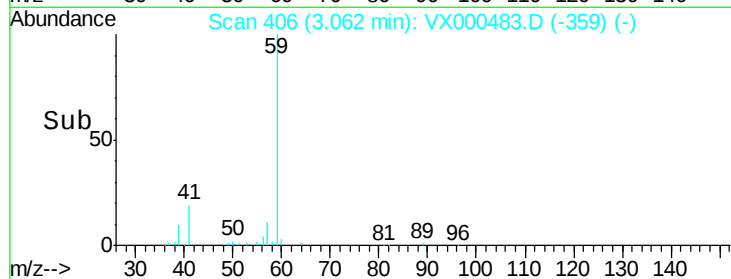
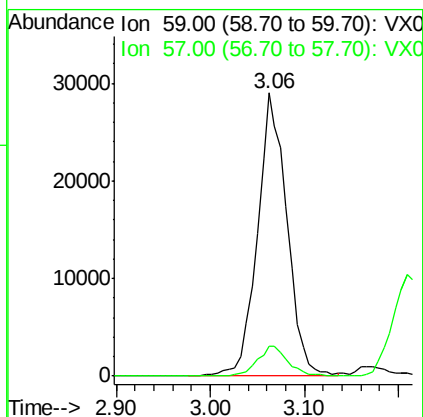
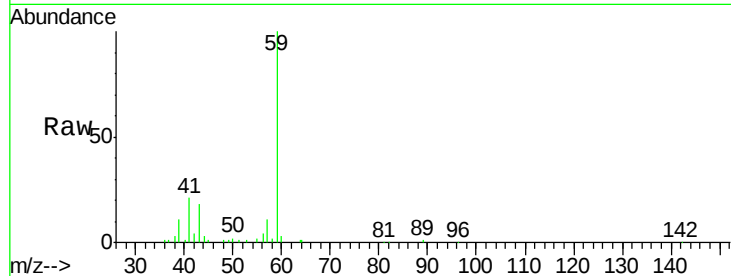




#11
Tert butyl alcohol
Concen: 104.14 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

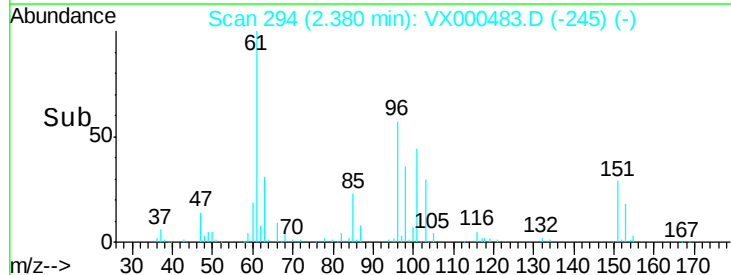
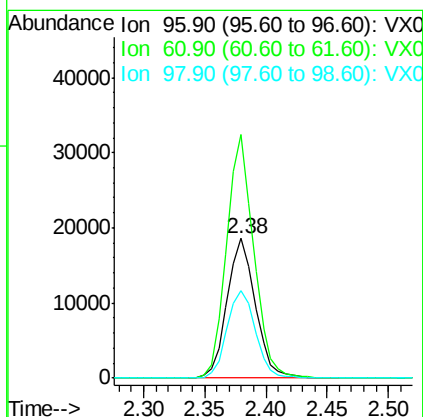
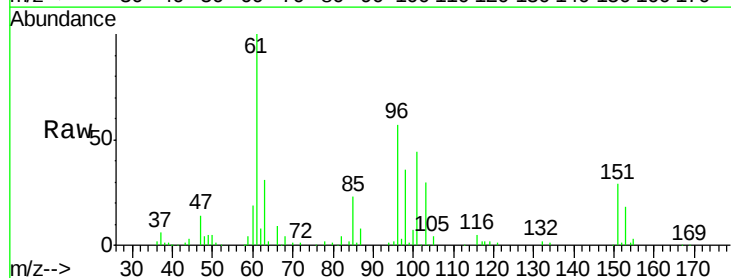
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

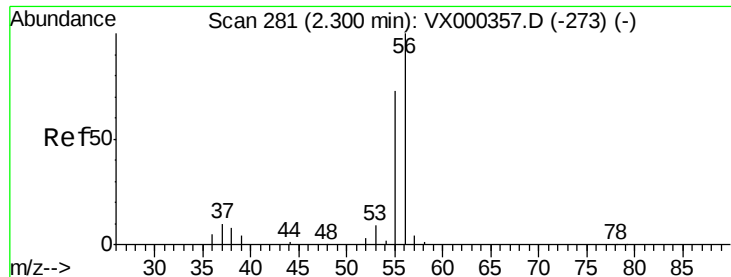
Tgt Ion: 59 Resp: 63810
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.09 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 96 Resp: 29720
Ion Ratio Lower Upper
96 100
61 174.8 131.2 196.8
98 62.3 49.8 74.8





#13

Acrolein

Concen: 105.80 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

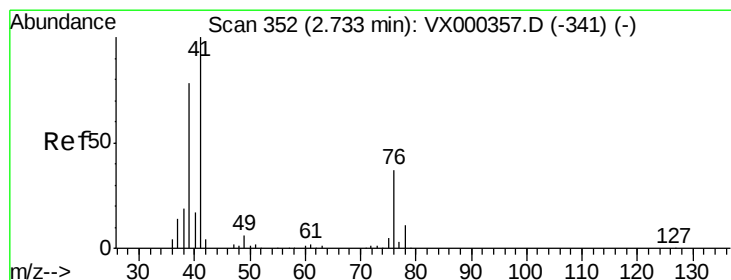
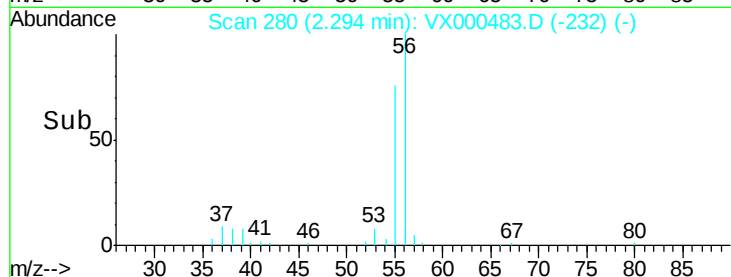
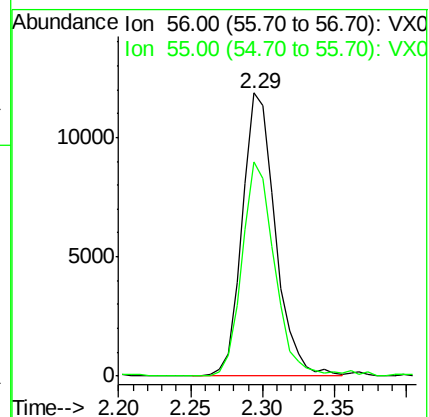
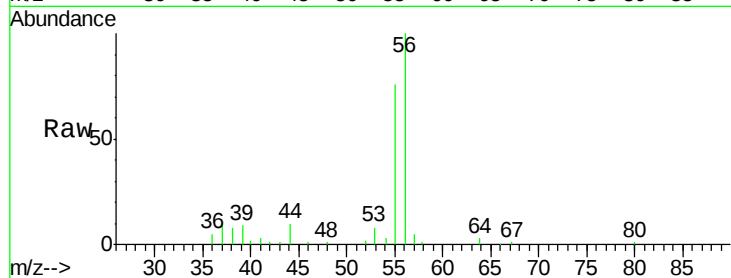
VX0328WBSD01

Tgt Ion: 56 Resp: 18952

Ion Ratio Lower Upper

56 100

55 74.5 58.8 88.2



#14

Allyl chloride

Concen: 21.79 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

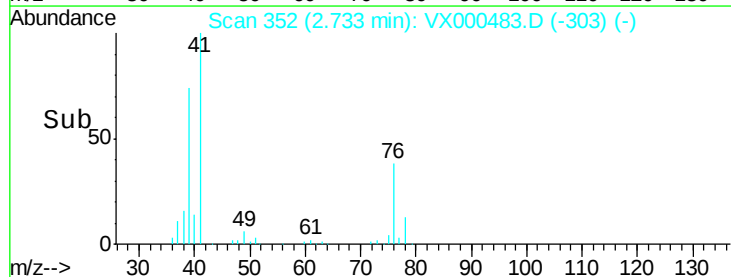
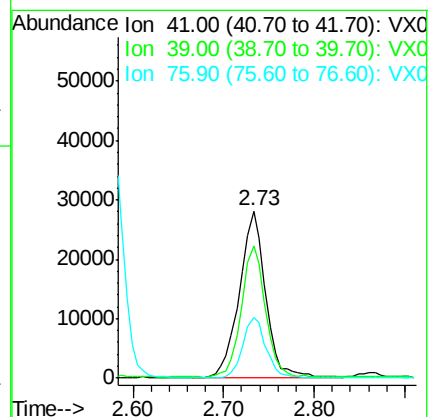
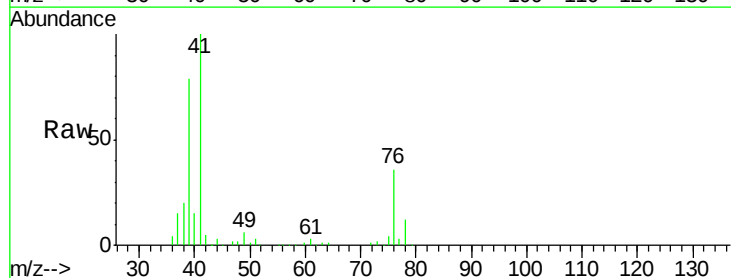
Tgt Ion: 41 Resp: 57071

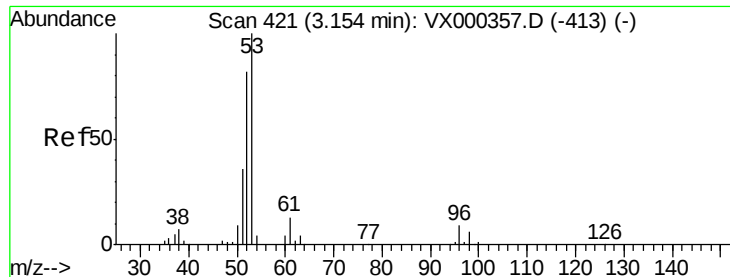
Ion Ratio Lower Upper

41 100

39 71.0 57.6 86.4

76 32.2 27.3 40.9





#15

Acrylonitrile

Concen: 104.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

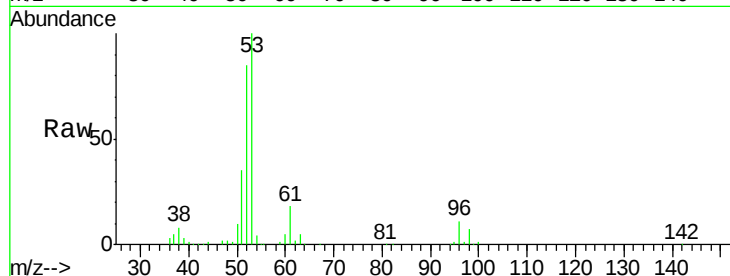
Tgt Ion: 53 Resp: 129717

Ion Ratio Lower Upper

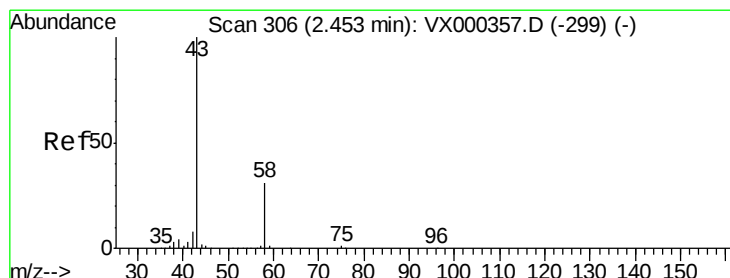
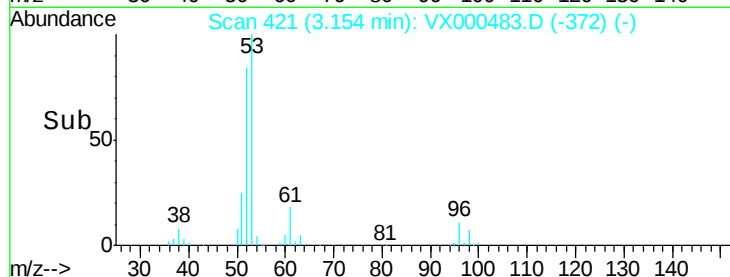
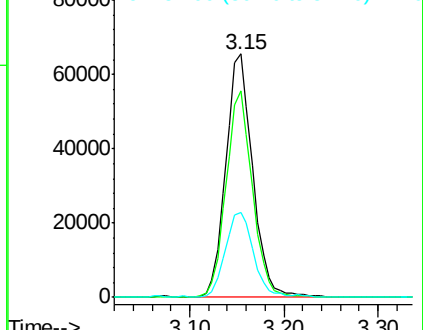
53 100

52 83.5 66.6 99.8

51 37.4 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: 107.76 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000483.D

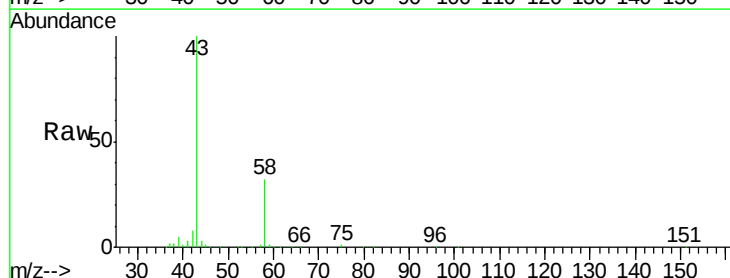
Acq: 28 Mar 2018 12:53

Tgt Ion: 43 Resp: 159684

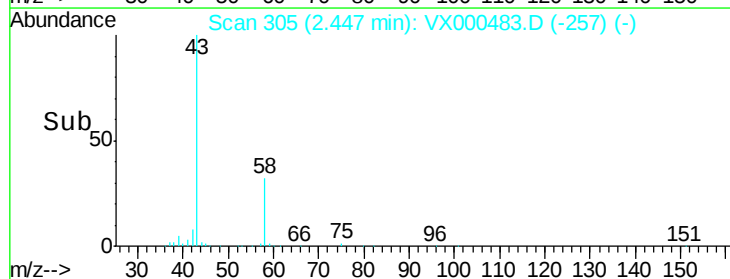
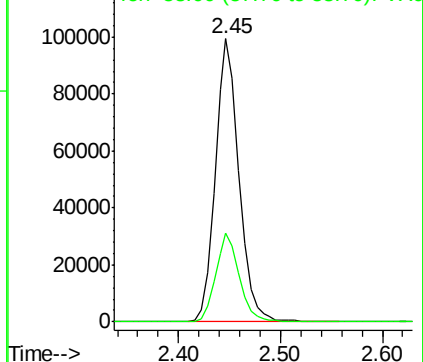
Ion Ratio Lower Upper

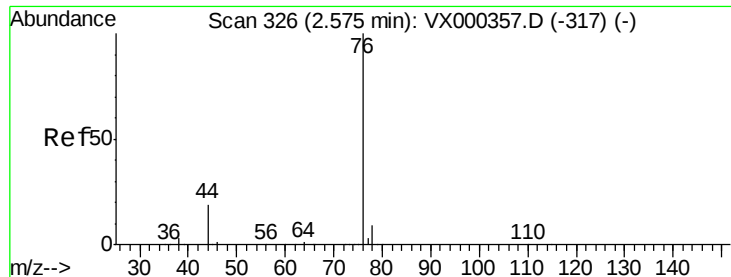
43 100

58 31.6 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: 20.61 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

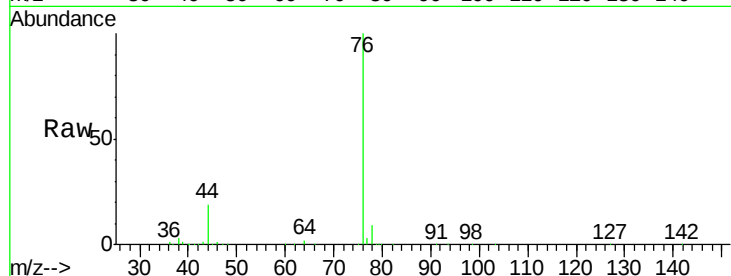
VX0328WBSD01

Tgt Ion: 76 Resp: 81062

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

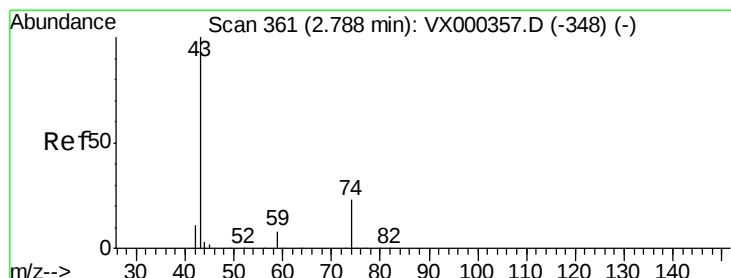
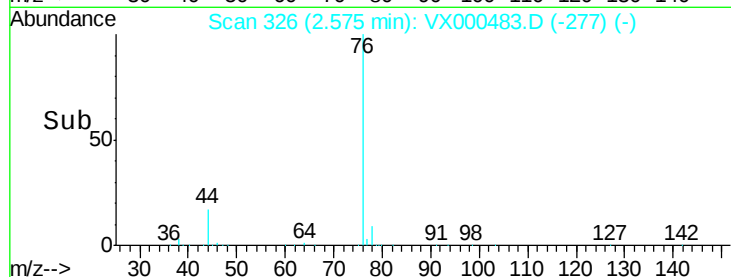
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000483.D

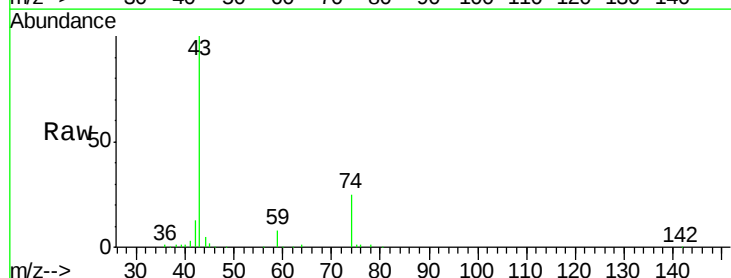
Acq: 28 Mar 2018 12:53

Tgt Ion: 43 Resp: 65352

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

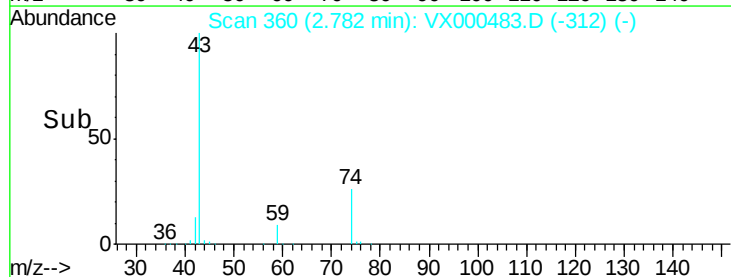
20000

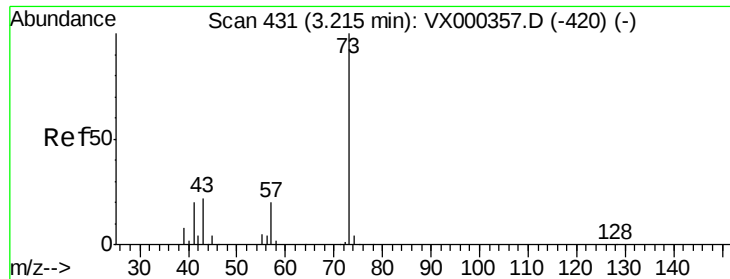
10000

0

Time-->

2.70 2.75 2.80 2.85 2.90

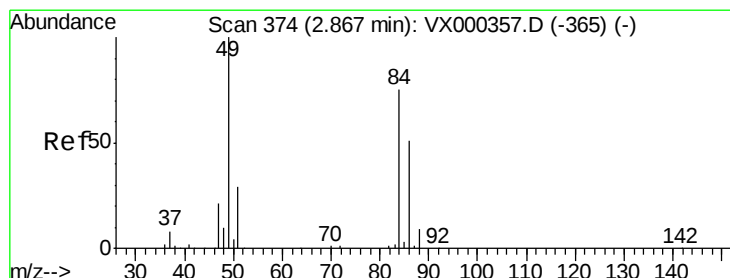
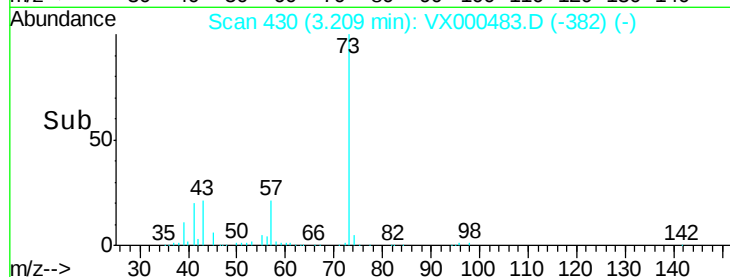
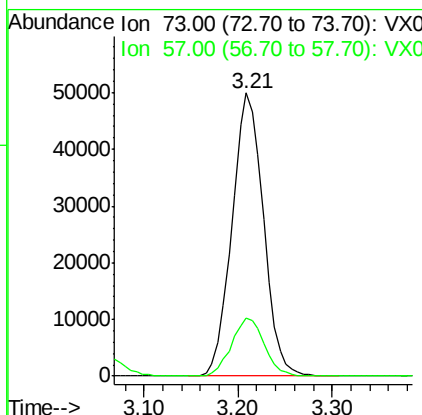
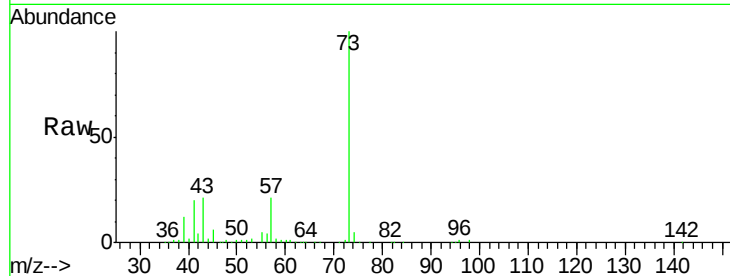




#19
Methyl tert-butyl Ether
Concen: 21.22 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

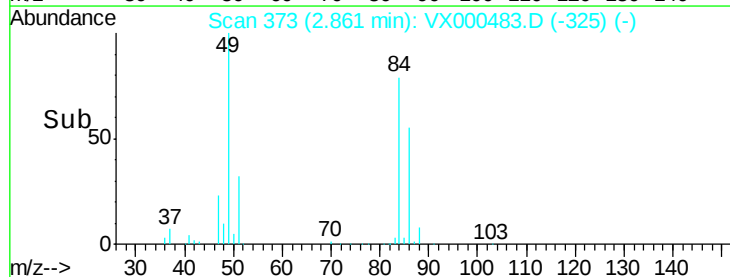
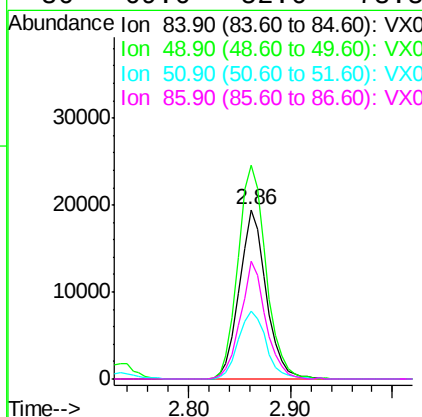
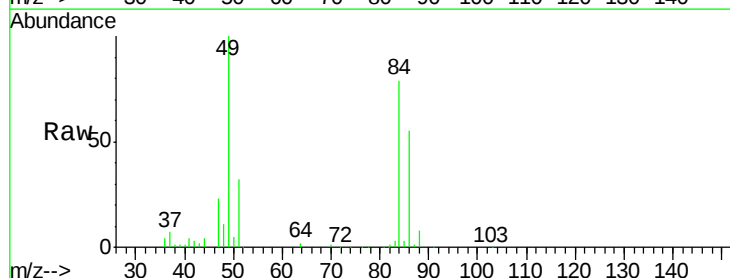
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

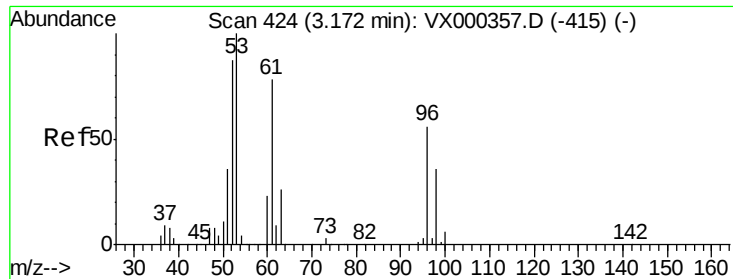
Tgt Ion: 73 Resp: 116087
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 20.66 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 84 Resp: 35353
Ion Ratio Lower Upper
84 100
49 126.3 100.6 151.0
51 39.9 31.6 47.4
86 69.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.90 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

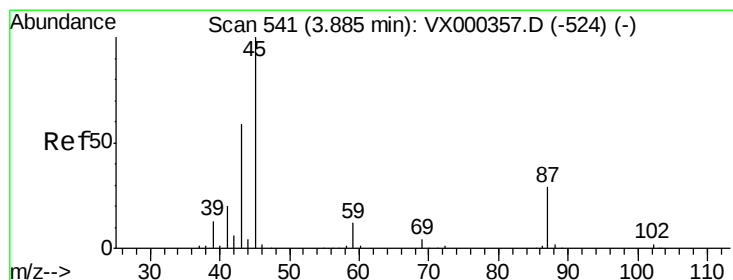
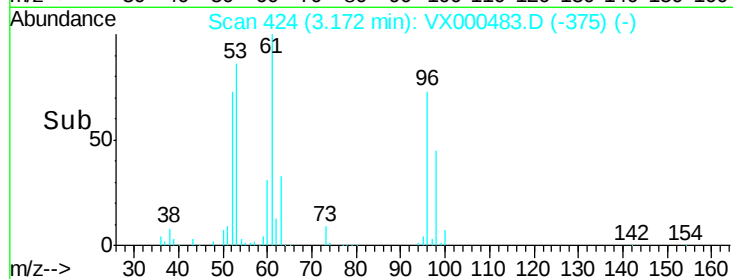
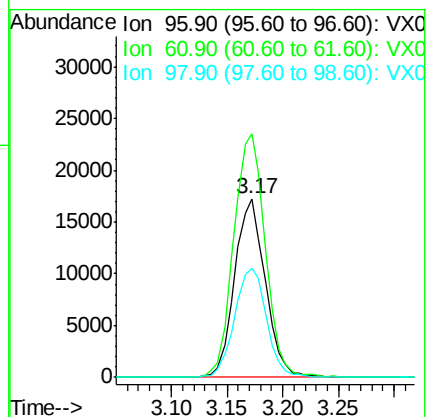
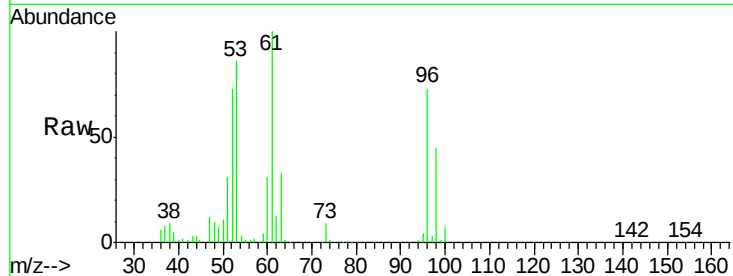
Tgt Ion: 96 Resp: 32833

Ion Ratio Lower Upper

96 100

61 136.3 104.0 156.0

98 61.0 52.1 78.1



#22

Diisopropyl ether

Concen: 24.08 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion: 45 Resp: 111358

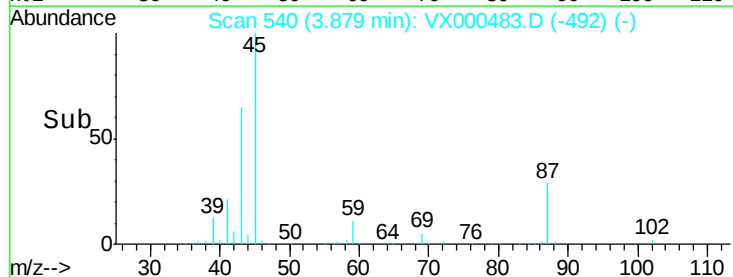
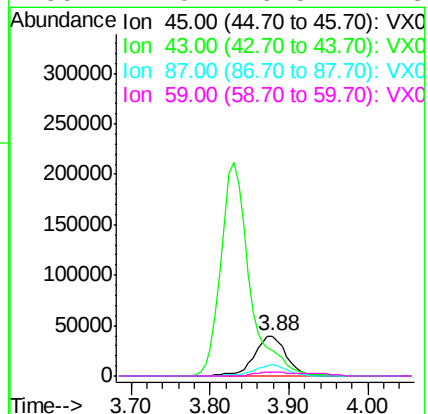
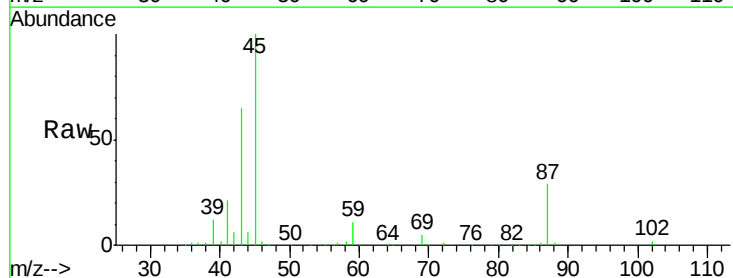
Ion Ratio Lower Upper

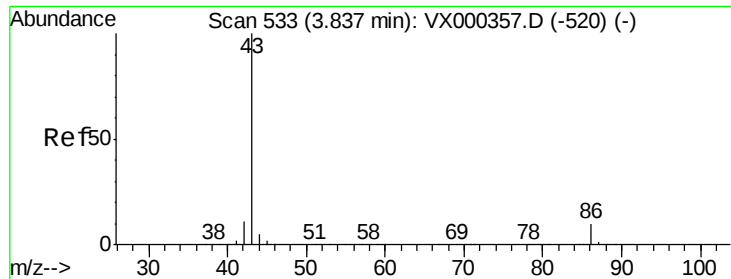
45 100

43 64.3 53.9 80.9

87 28.7 22.6 34.0

59 11.0 9.5 14.3

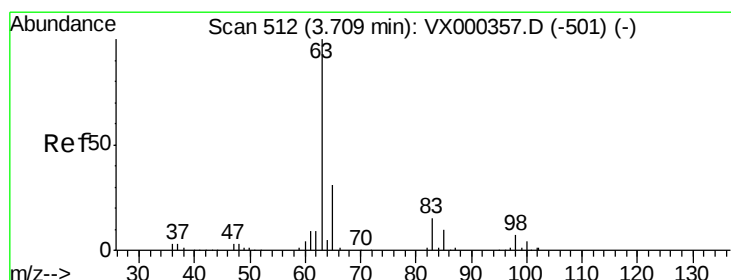
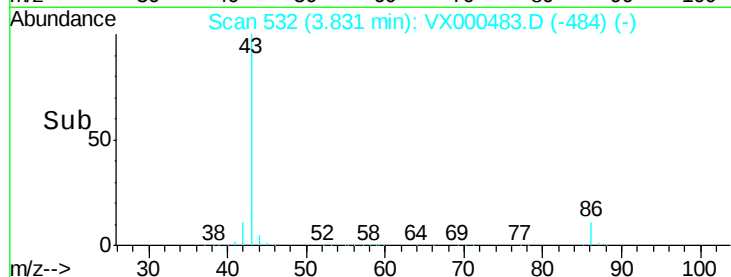
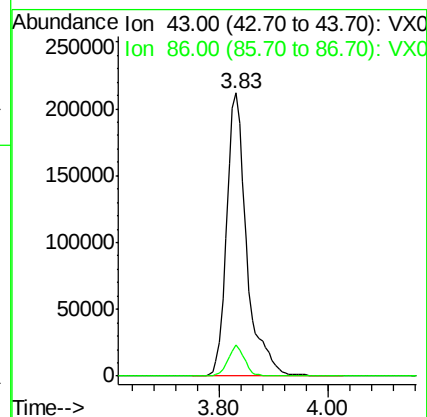
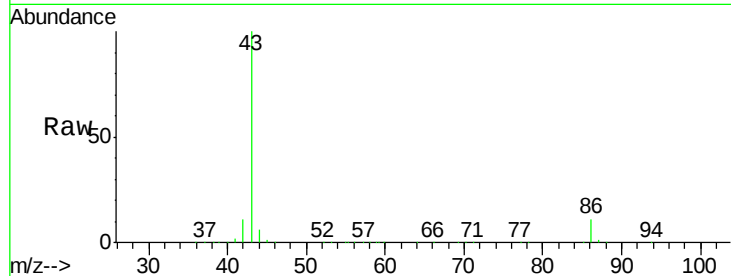




#23
 Vinyl Acetate
 Concen: 123.70 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

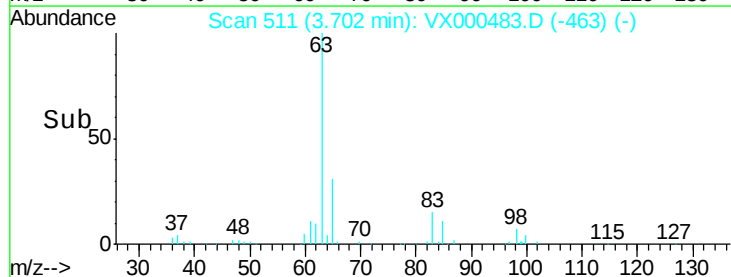
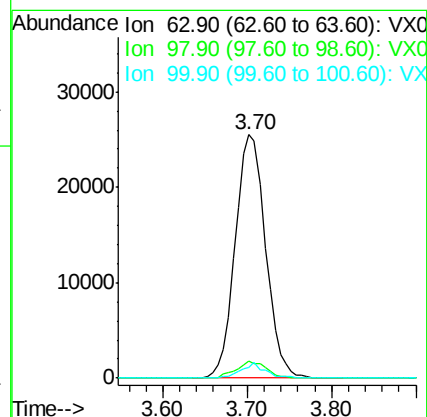
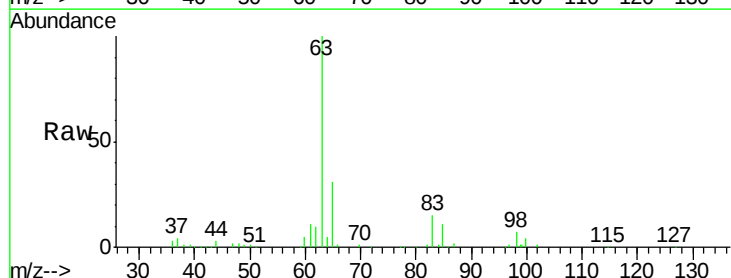
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

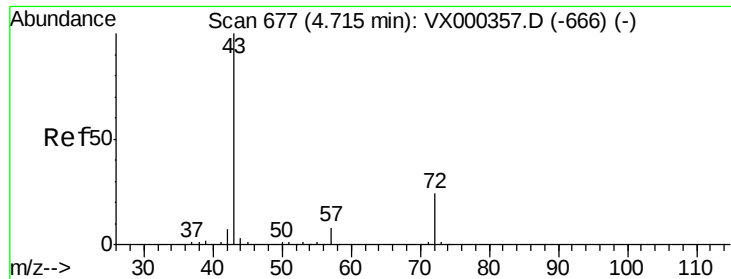
Tgt Ion: 43 Resp: 542245
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.39 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 63 Resp: 62198
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 102.82 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

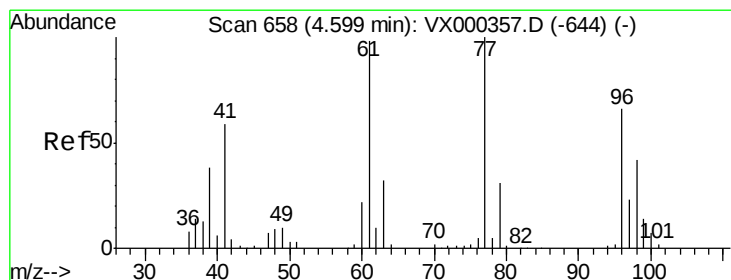
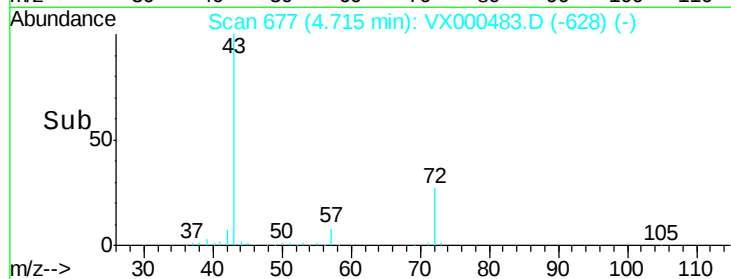
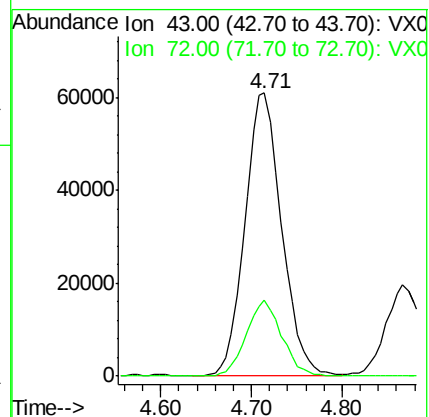
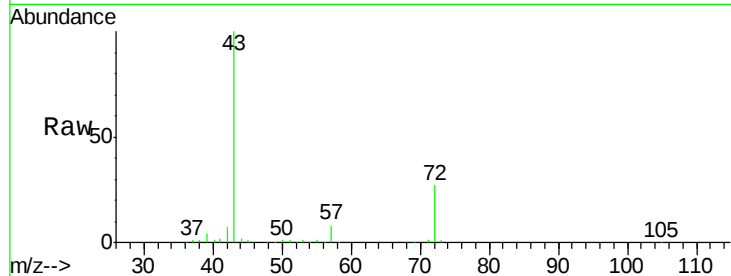
VX0328WBSD01

Tgt Ion: 43 Resp: 171254

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.86 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000483.D

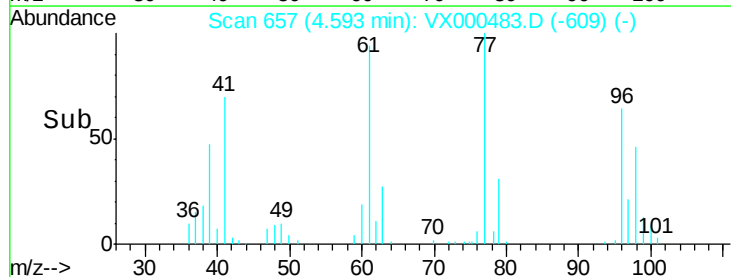
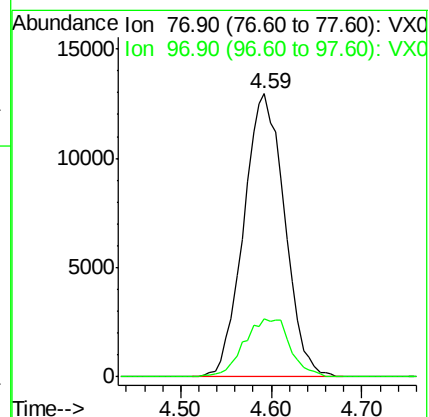
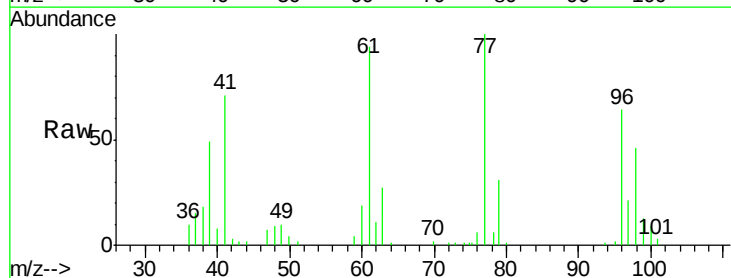
Acq: 28 Mar 2018 12:53

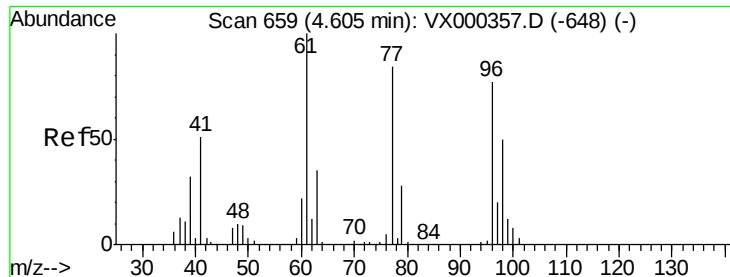
Tgt Ion: 77 Resp: 40465

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

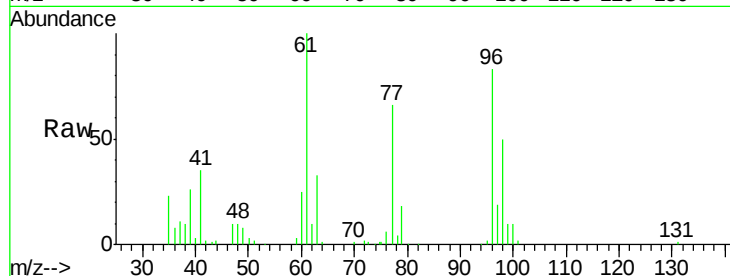
Tgt Ion: 96 Resp: 30855

Ion Ratio Lower Upper

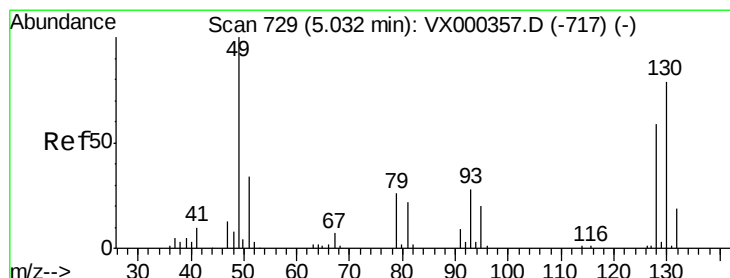
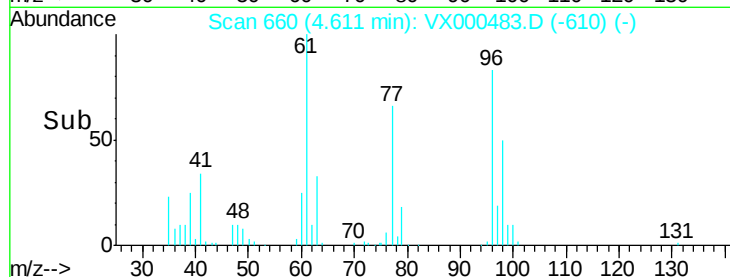
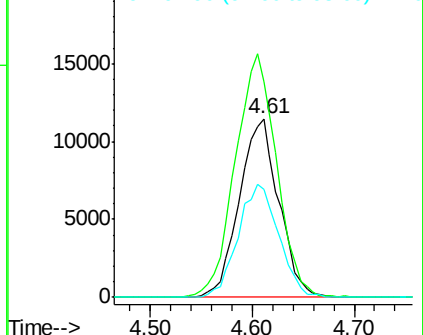
96 100

61 142.4 0.0 291.6

98 65.0 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: 18.62 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

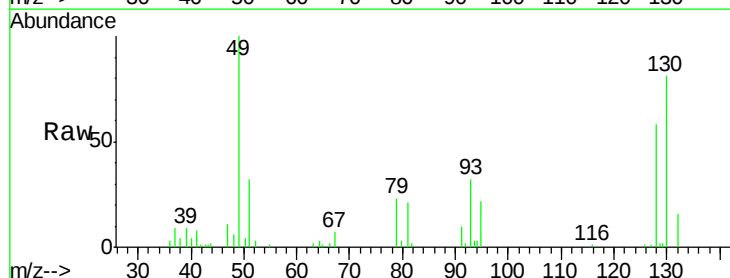
Tgt Ion: 49 Resp: 22326

Ion Ratio Lower Upper

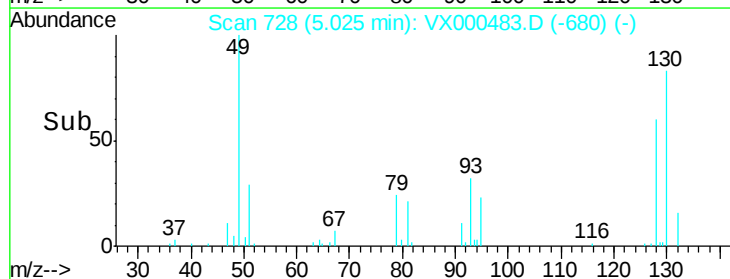
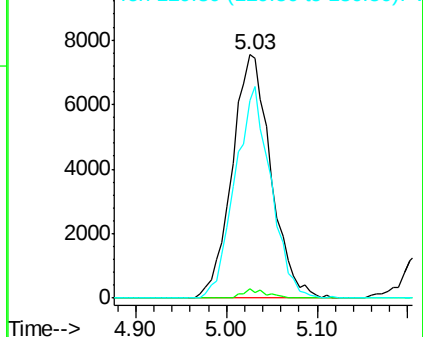
49 100

129 2.1 0.0 5.0

130 80.7 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

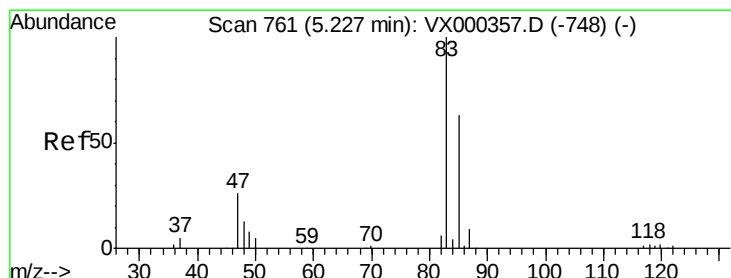
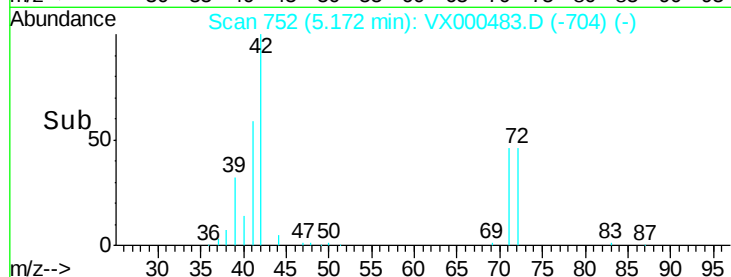
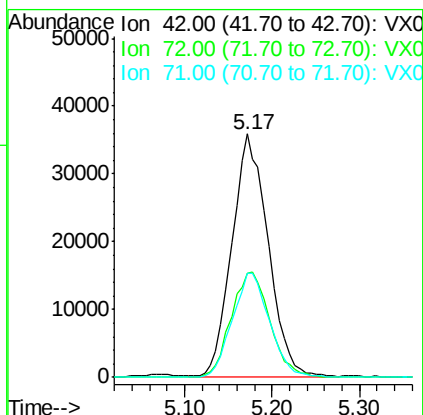
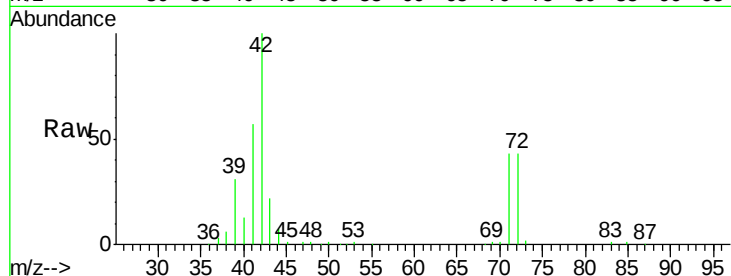




#29
Tetrahydrofuran
Concen: 100.46 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

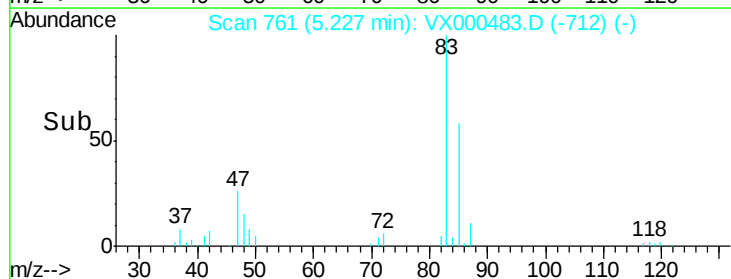
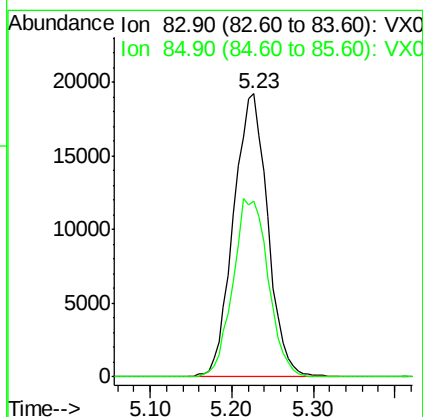
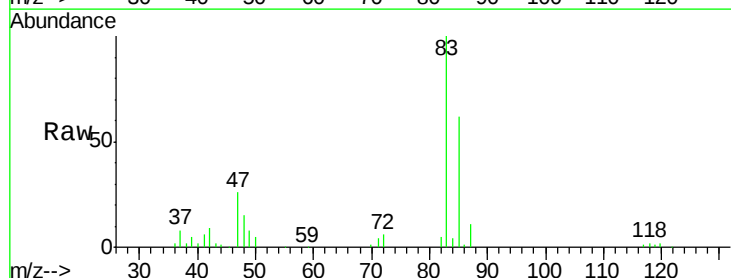
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

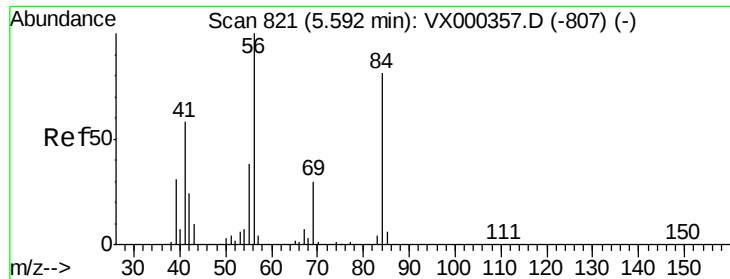
Tgt Ion: 42 Resp: 102955
Ion Ratio Lower Upper
42 100
72 46.6 37.9 56.9
71 44.2 34.4 51.6



#30
Chloroform
Concen: 20.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 83 Resp: 55839
Ion Ratio Lower Upper
83 100
85 62.3 53.3 79.9

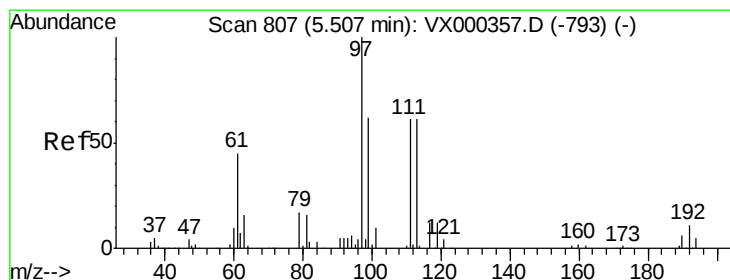
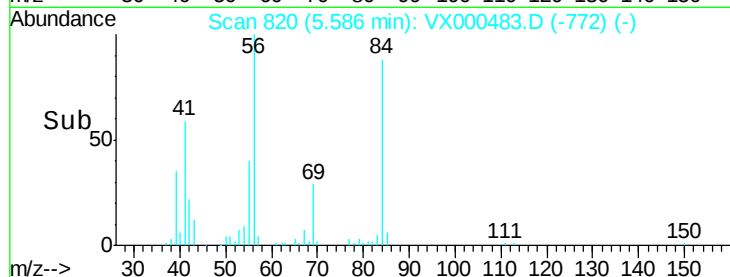
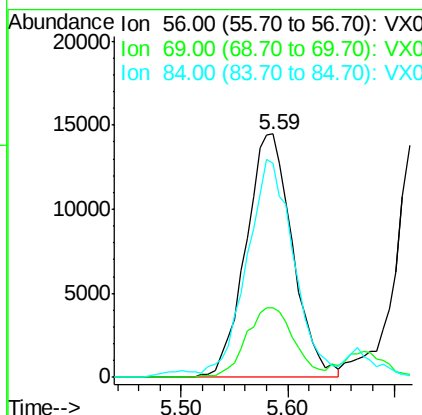
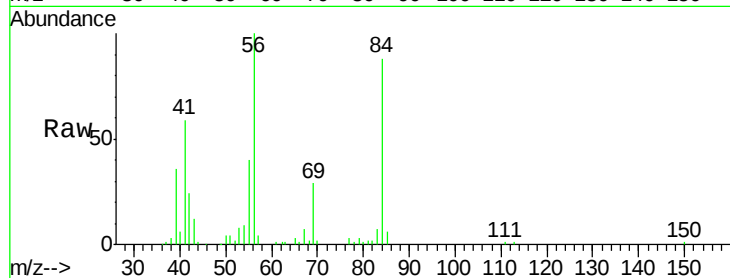




#31
Cyclohexane
Concen: 19.73 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

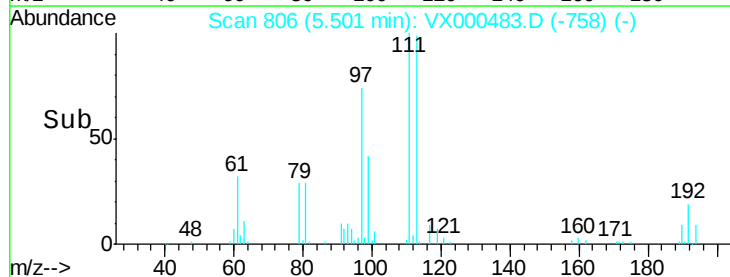
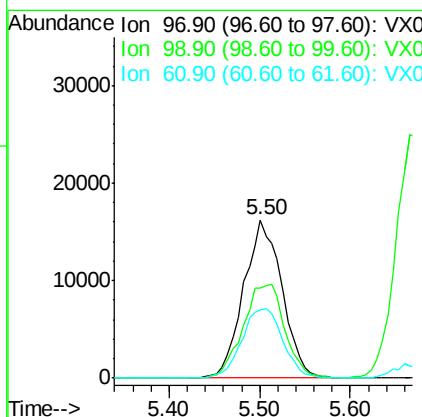
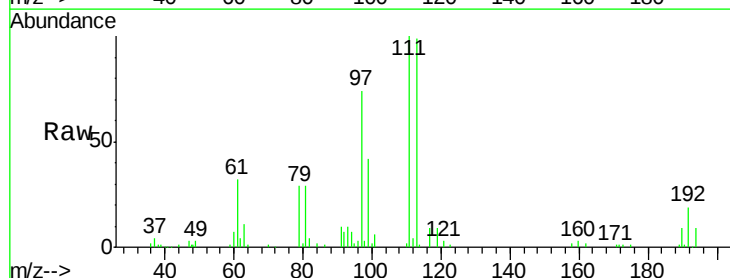
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

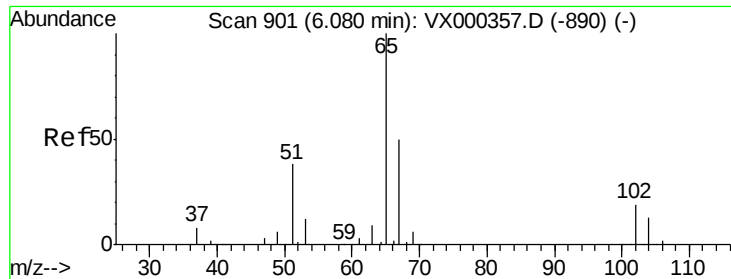
Tgt Ion: 56 Resp: 44333
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.0
84 85.7 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 19.32 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 97 Resp: 47491
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 46.8 36.2 54.4

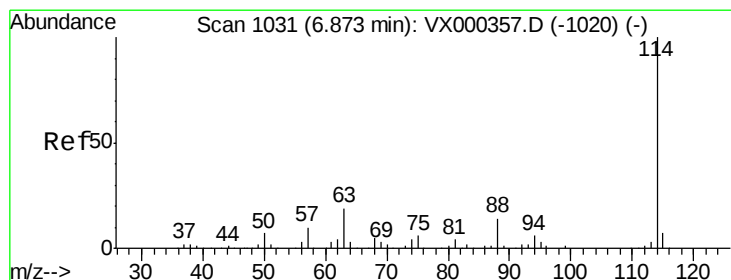
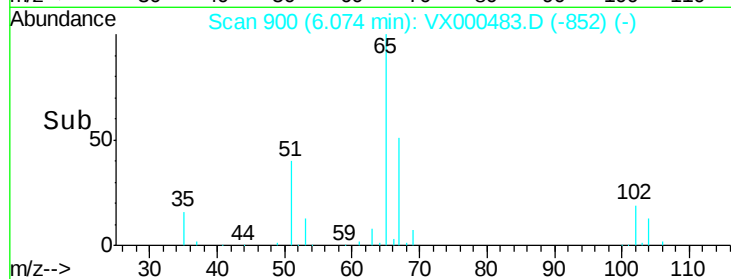
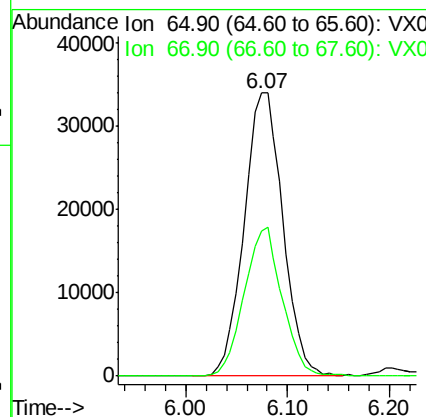
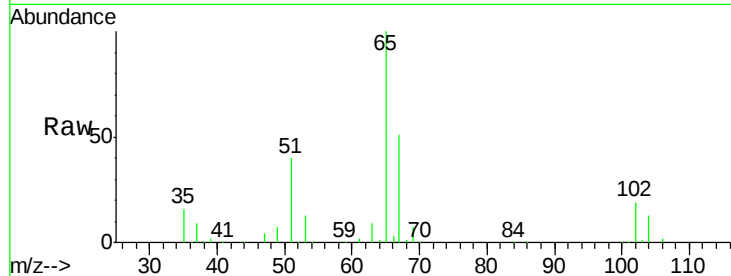




#33
 1,2-Dichloroethane-d4
 Concen: 50.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

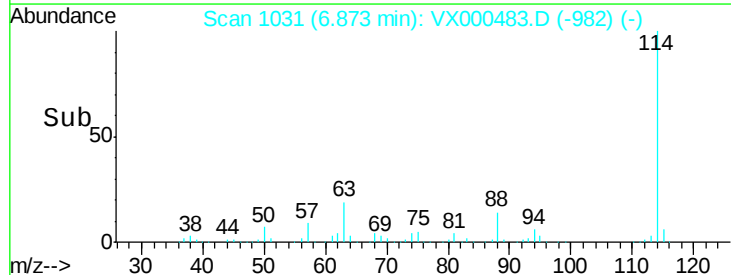
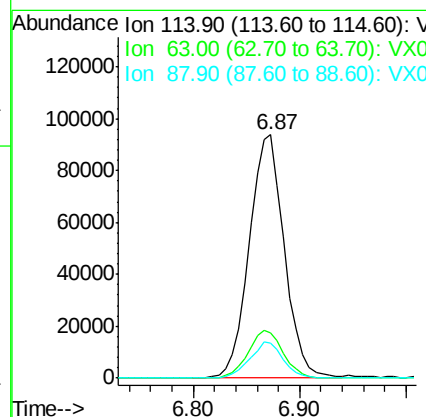
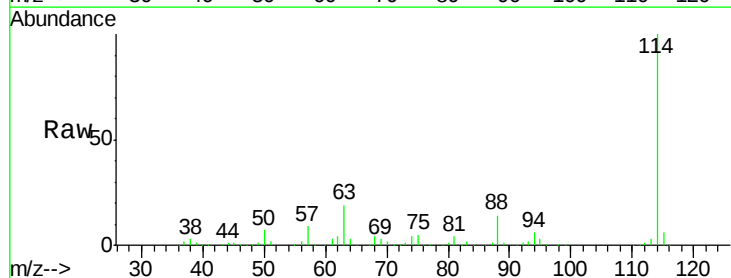
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

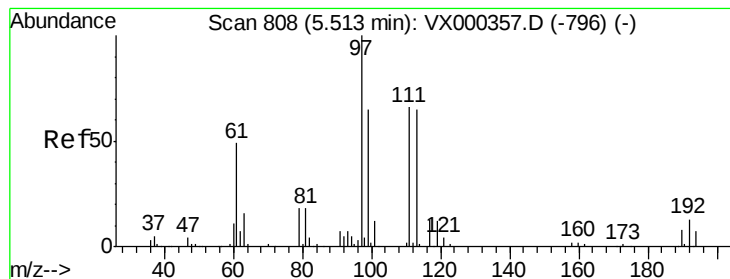
Tgt Ion: 65 Resp: 89866
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 114 Resp: 216952
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.4
 88 14.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 52.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

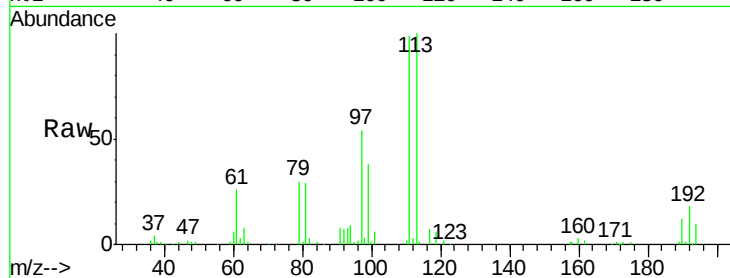
Tgt Ion:113 Resp: 71992

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

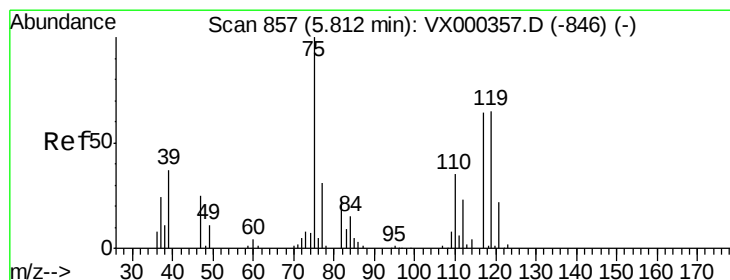
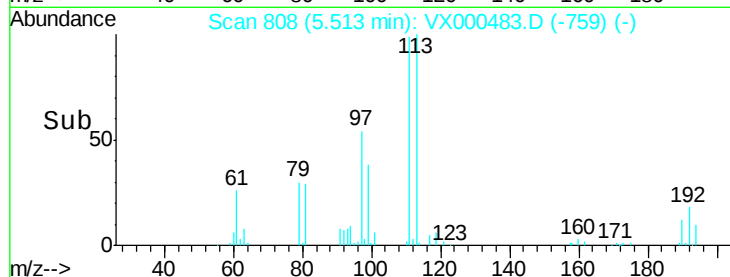
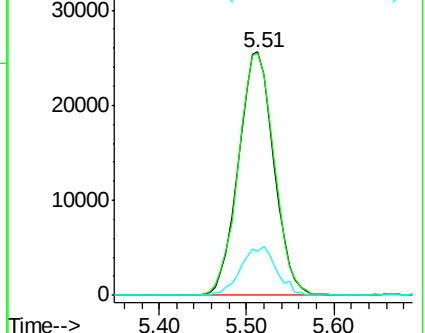
192 20.2 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.10 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

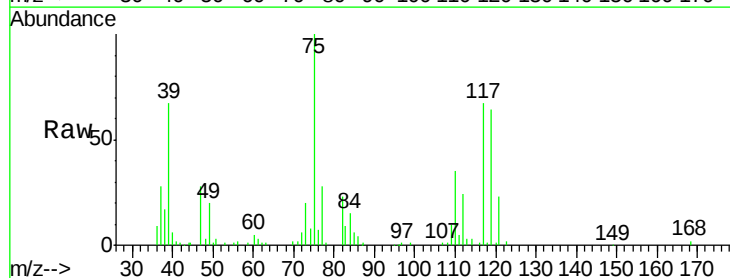
Tgt Ion: 75 Resp: 40856

Ion Ratio Lower Upper

75 100

110 35.7 17.9 53.7

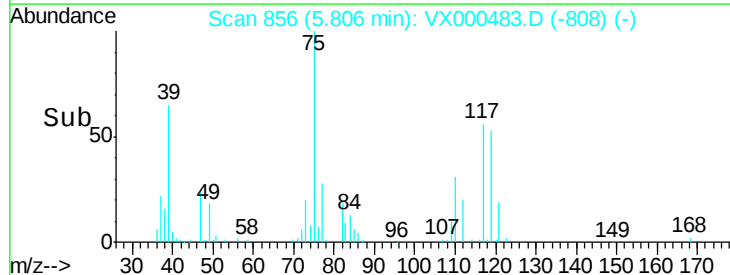
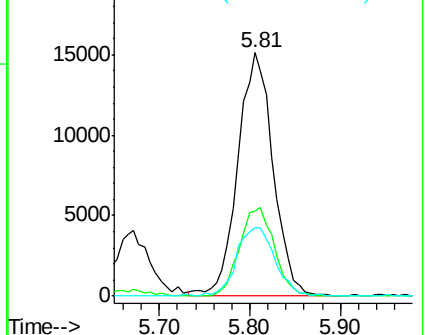
77 30.7 24.0 36.0

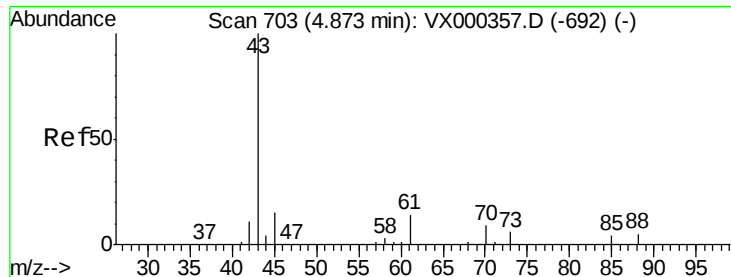


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

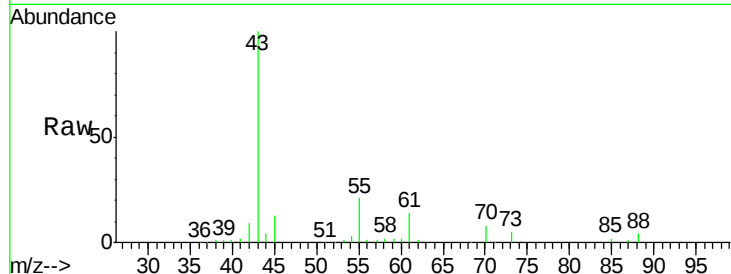




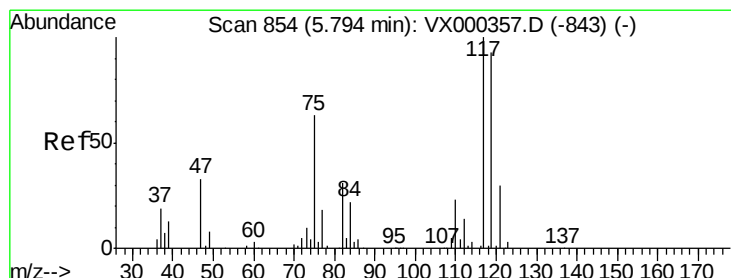
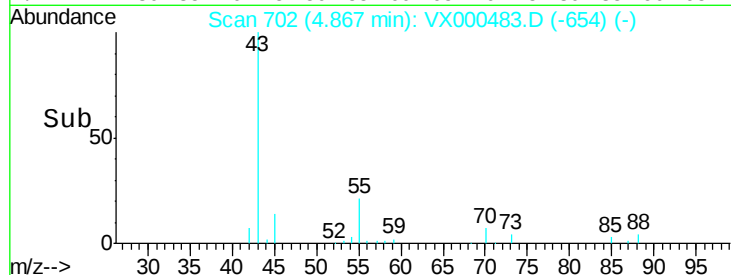
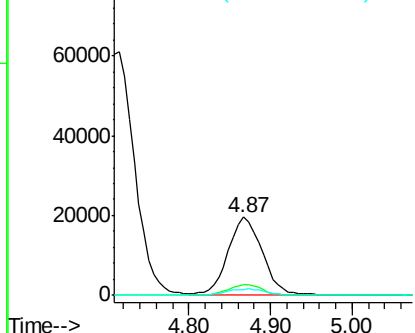
#37
Ethyl Acetate
Concen: 20.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tgt Ion: 43 Resp: 56482
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.3 7.7 11.5

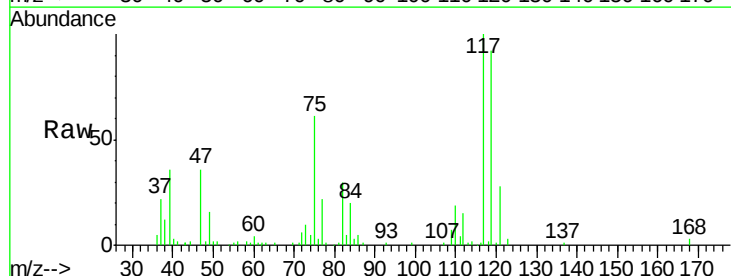


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

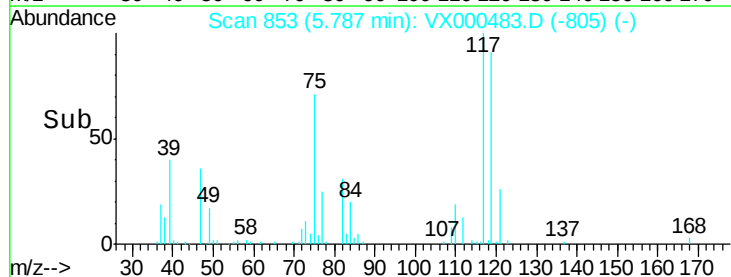
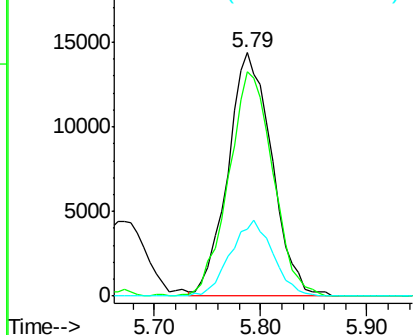


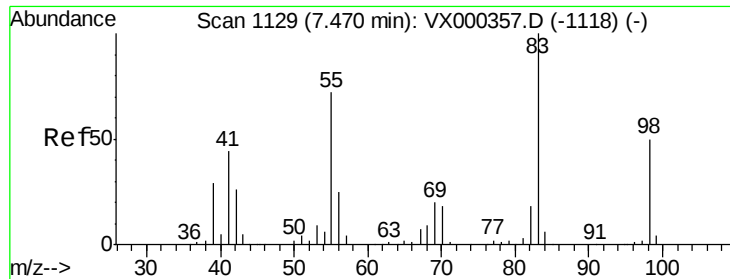
#38
Carbon Tetrachloride
Concen: 19.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 117 Resp: 41507
Ion Ratio Lower Upper
117 100
119 92.1 77.4 116.2
121 27.7 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

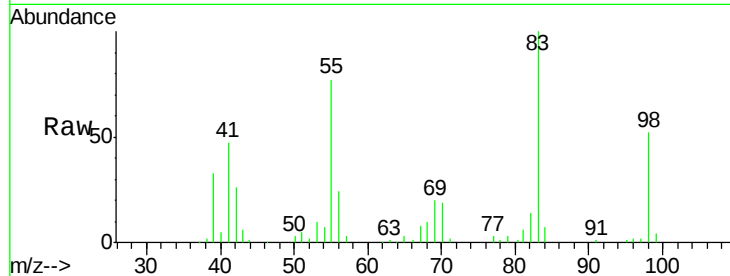




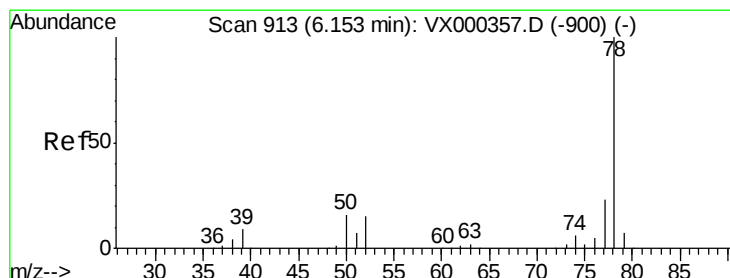
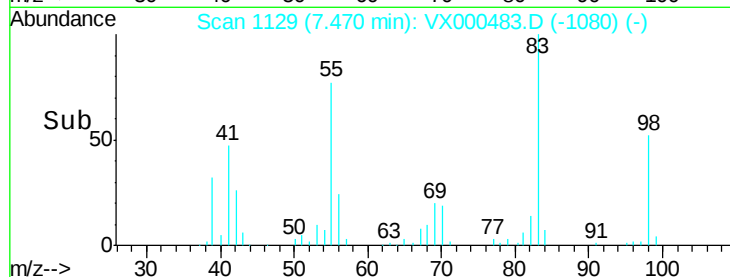
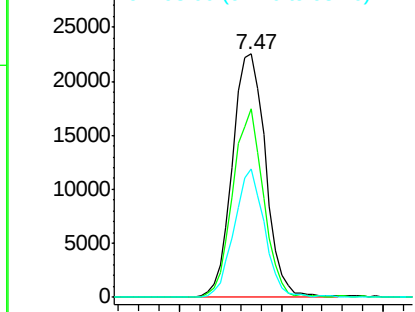
#39
Methylcyclohexane
Concen: 20.67 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tgt Ion: 83 Resp: 51080
Ion Ratio Lower Upper
83 100
55 77.3 55.5 83.3
98 52.5 38.2 57.4

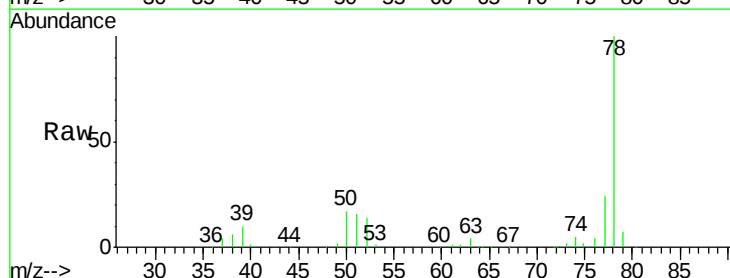


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

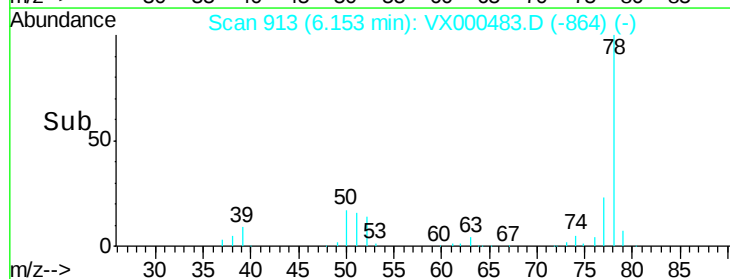
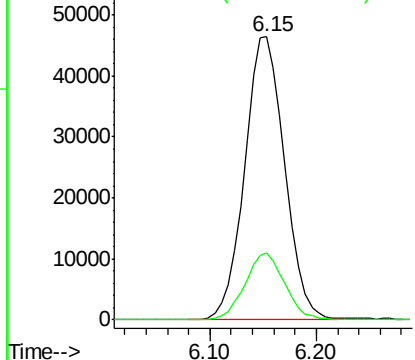


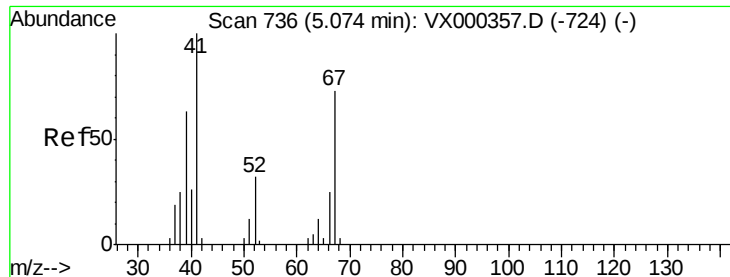
#40
Benzene
Concen: 20.69 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 78 Resp: 122102
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

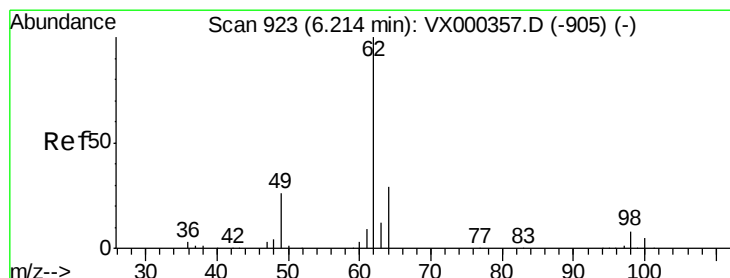
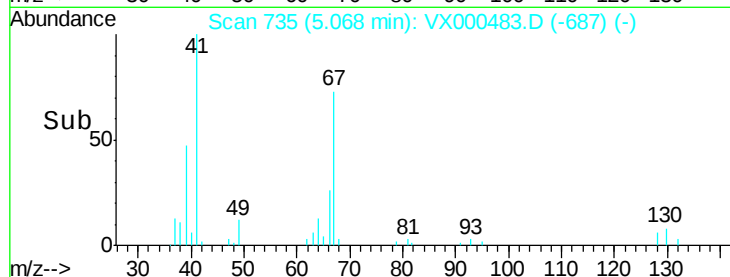
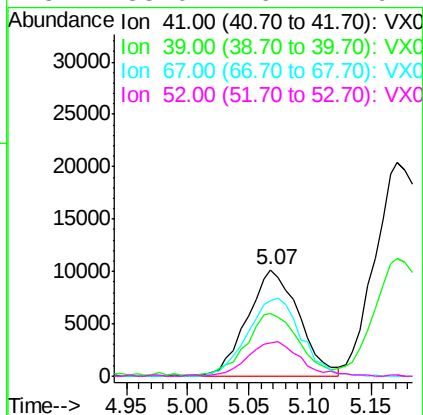
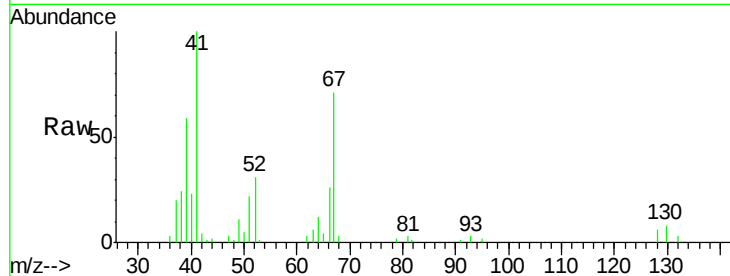




#41
Methacrylonitrile
Concen: 20.45 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

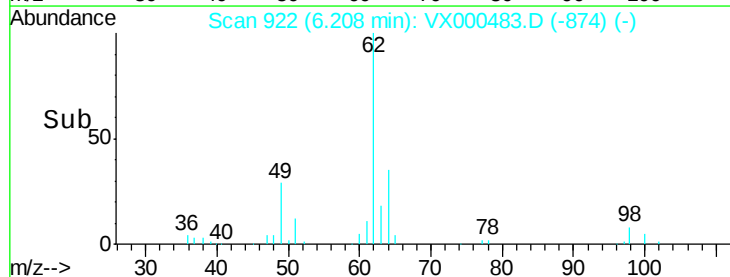
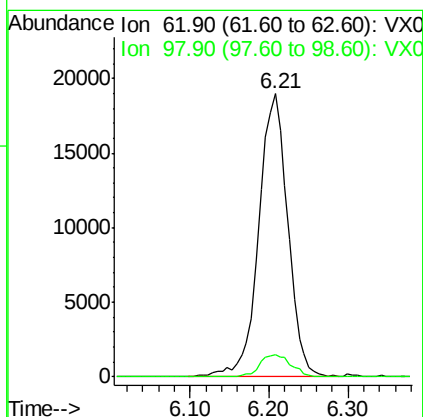
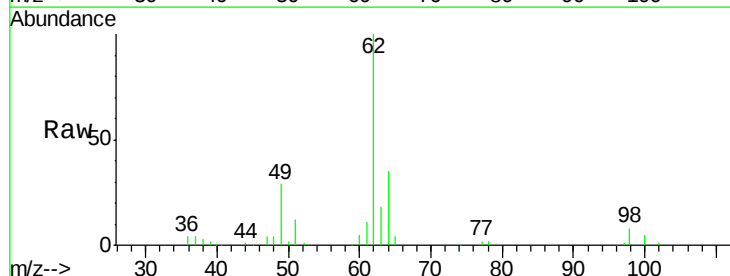
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

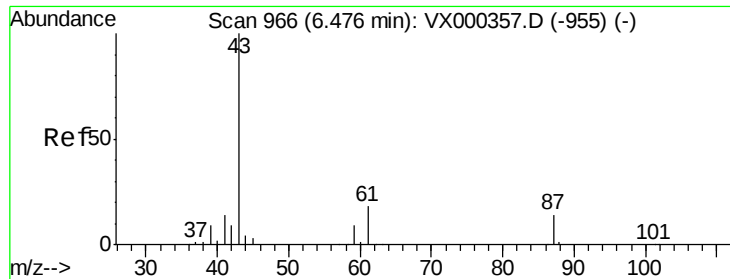
Tgt Ion:	41	Resp:	29932
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.7	68.5
67	75.0	57.8	86.8
52	33.0	26.7	40.1



#42
1,2-Dichloroethane
Concen: 21.10 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:	62	Resp:	48853
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



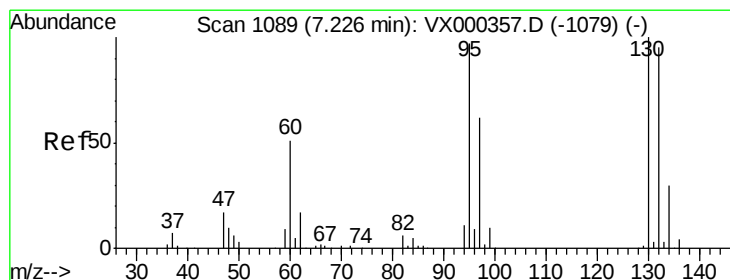
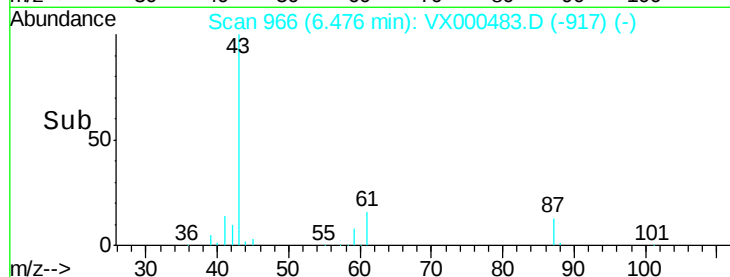
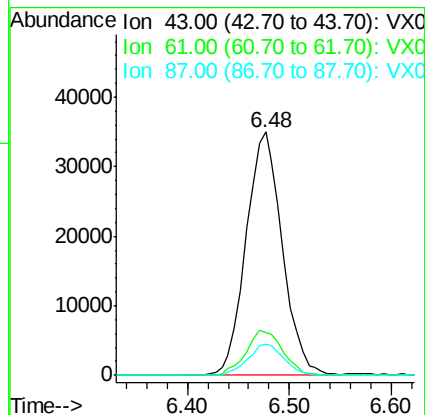
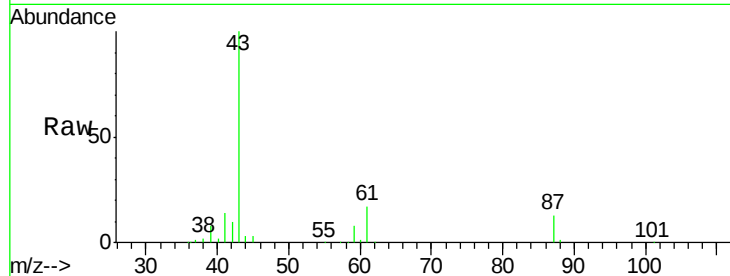


#43

Isopropyl Acetate
 Concen: 20.92 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

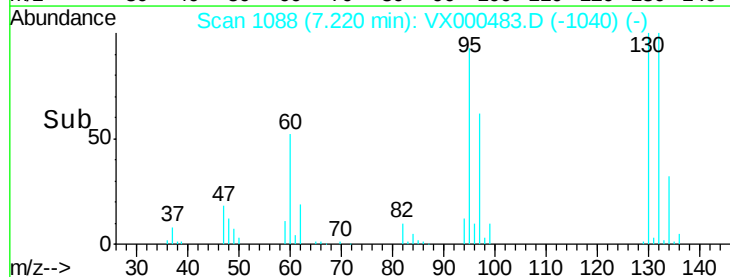
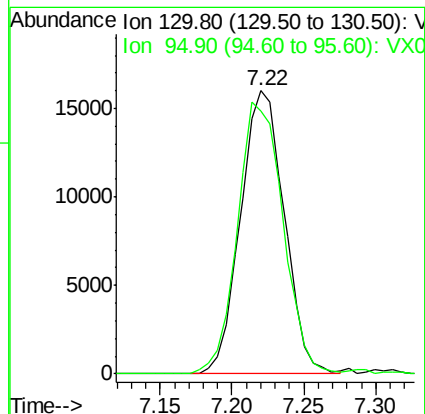
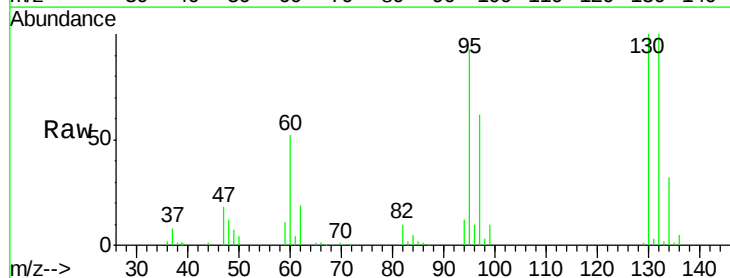
Tgt Ion: 43 Resp: 86459
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.4 21.6
 87 12.7 11.0 16.4



#44

Trichloroethene
 Concen: 19.95 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 130 Resp: 33738
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 186.0

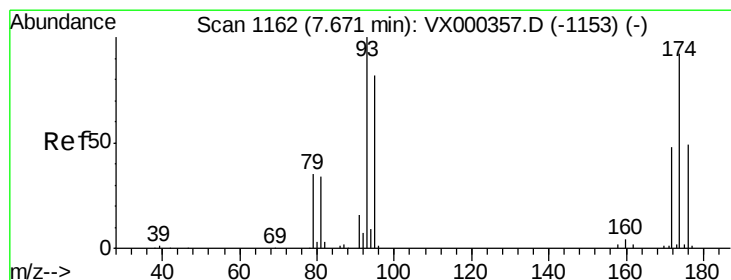
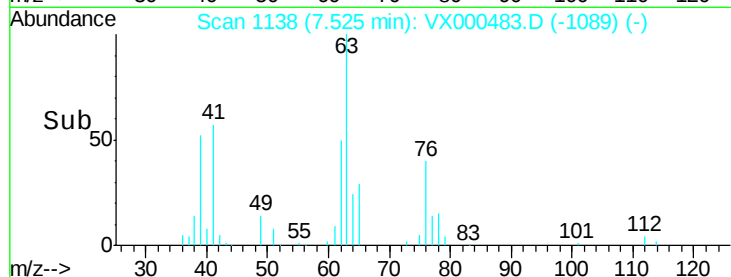
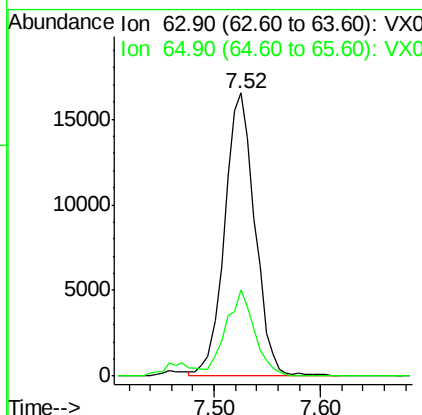
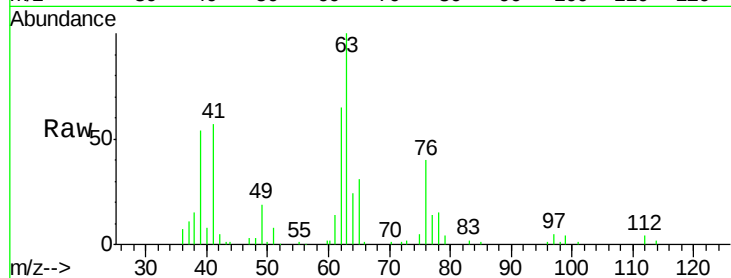




#45
 1,2-Dichloropropane
 Concen: 21.79 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

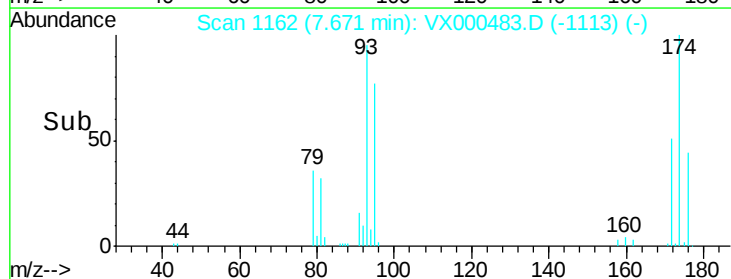
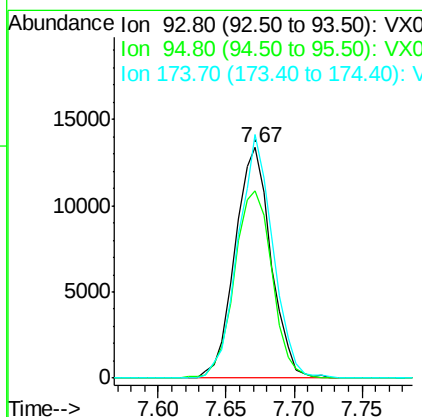
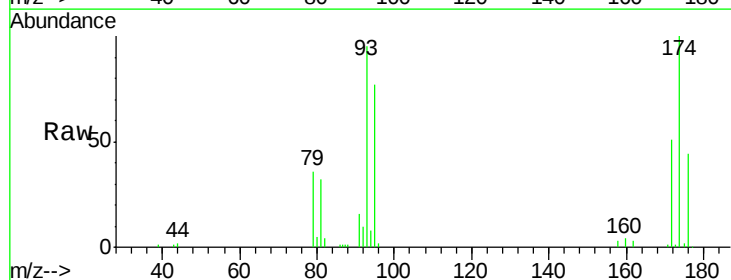
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

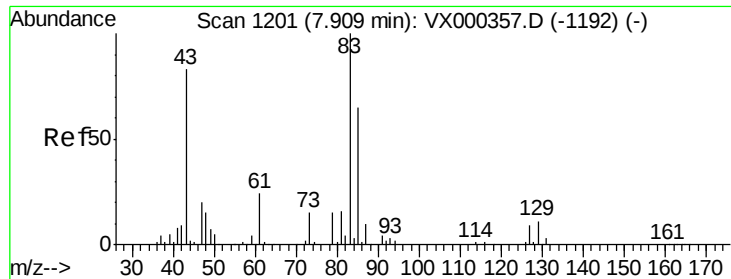
Tgt Ion: 63 Resp: 32909
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 20.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 93 Resp: 24702
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.5 99.7
 174 102.3 76.0 114.0





#47

Bromodichloromethane

Concen: 21.57 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

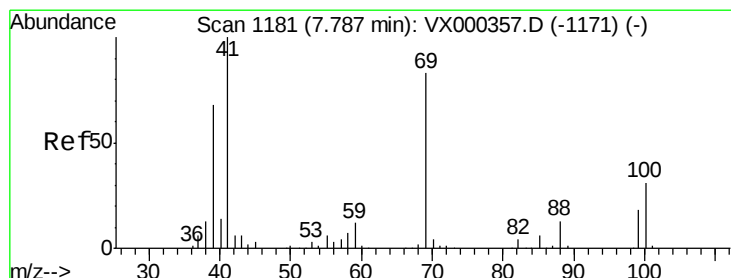
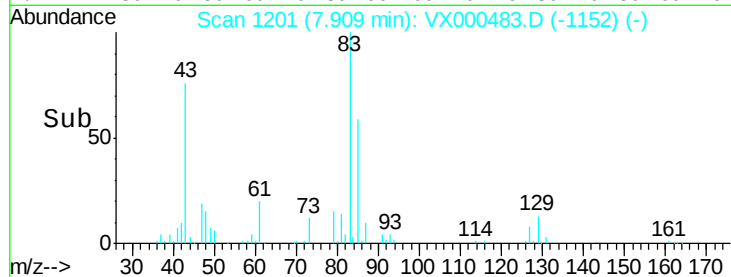
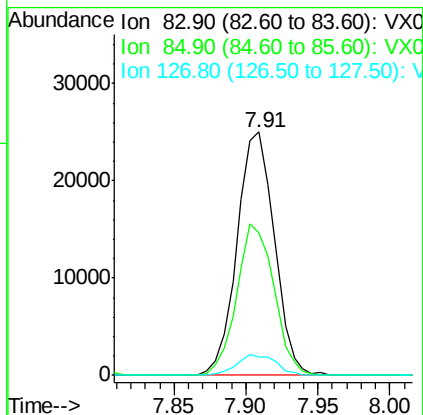
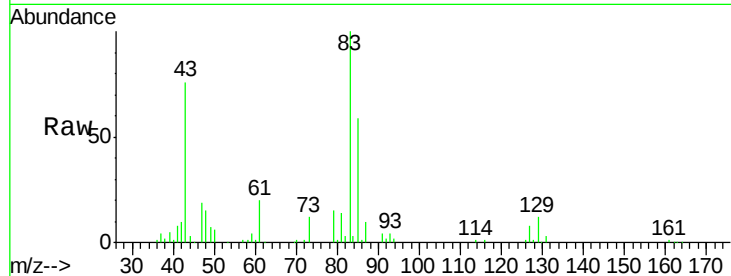
Tgt Ion: 83 Resp: 44999

Ion Ratio Lower Upper

83 100

85 58.7 51.4 77.0

127 7.6 7.0 10.6



#48

Methyl methacrylate

Concen: 21.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

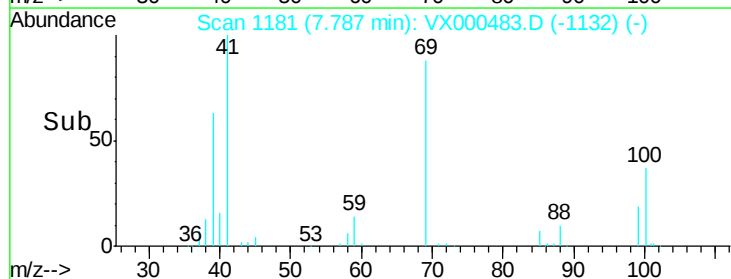
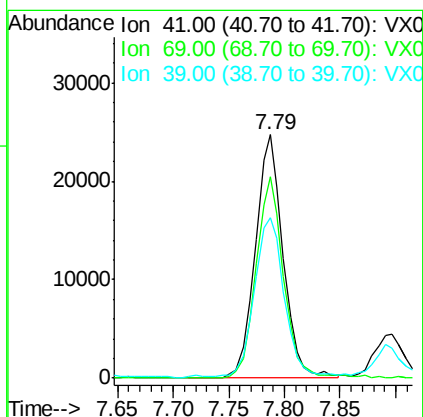
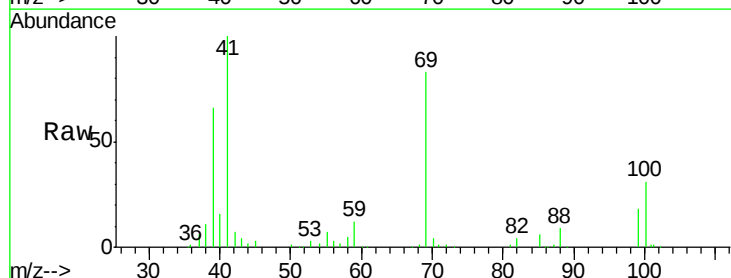
Tgt Ion: 41 Resp: 42835

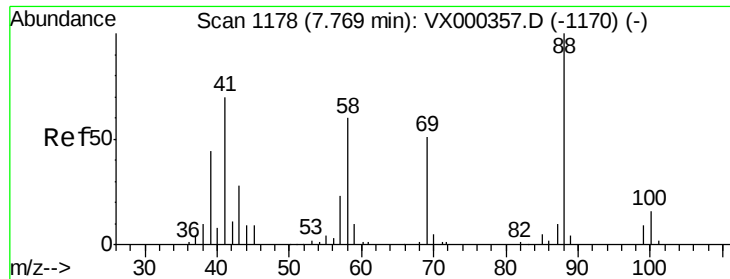
Ion Ratio Lower Upper

41 100

69 82.6 68.2 102.4

39 68.8 54.6 81.8

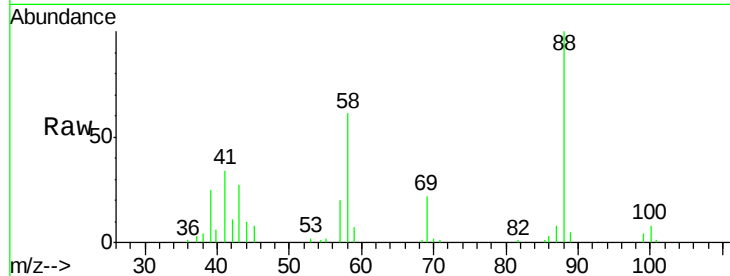




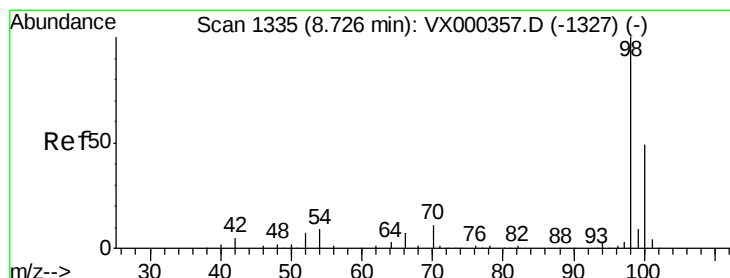
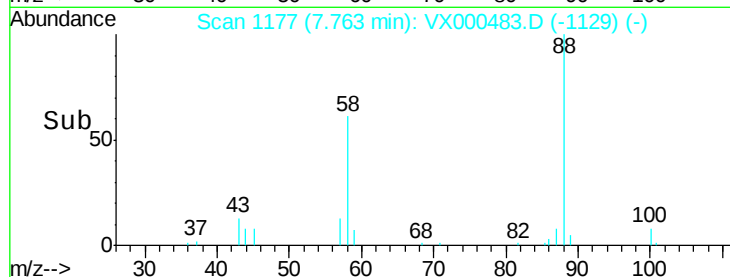
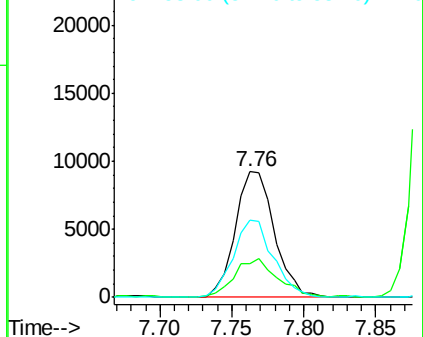
#49
 1,4-Dioxane
 Concen: 414.01 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tgt Ion: 88 Resp: 17458
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.8 40.2
 58 62.8 52.2 78.2

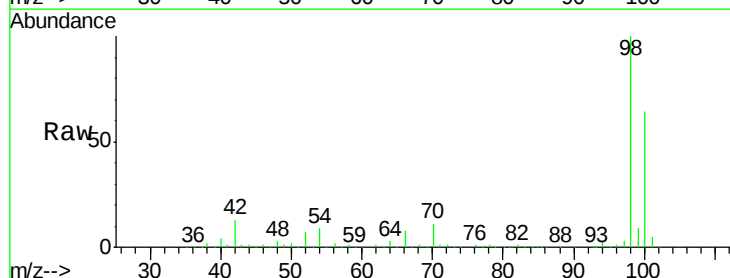


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

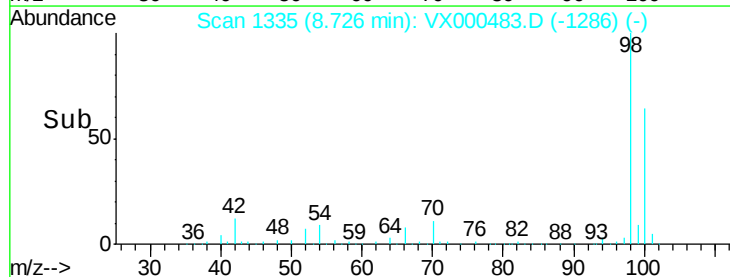
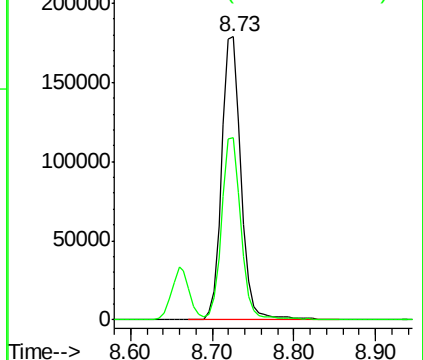


#50
 Toluene-d8
 Concen: 51.97 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 98 Resp: 294244
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 110.65 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

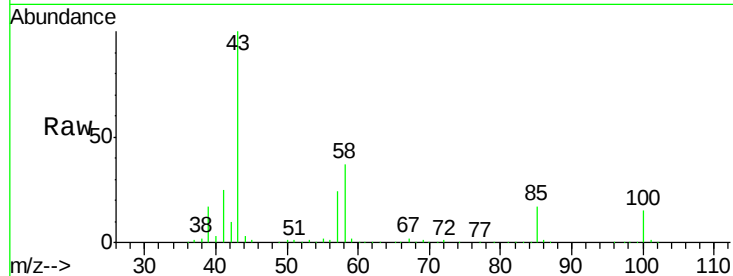
VX0328WBSD01

Tgt Ion: 43 Resp: 353912

Ion Ratio Lower Upper

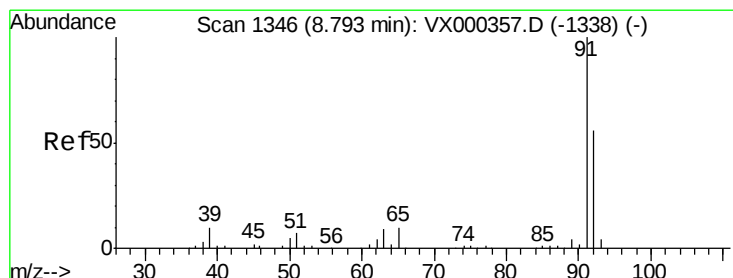
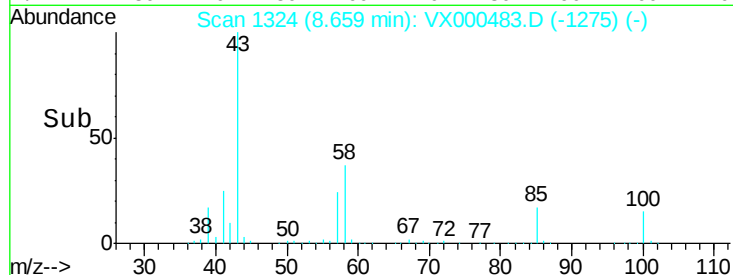
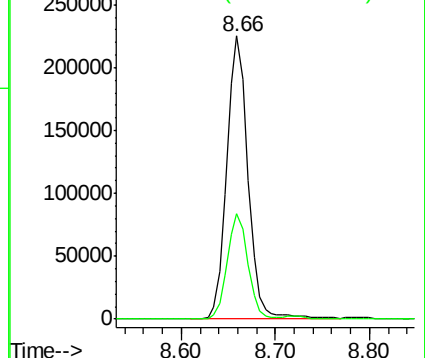
43 100

58 36.2 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.59 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000483.D

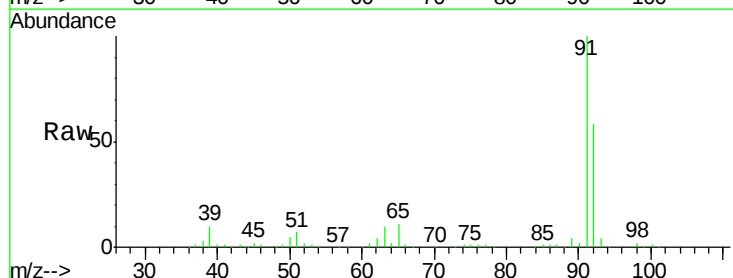
Acq: 28 Mar 2018 12:53

Tgt Ion: 92 Resp: 89076

Ion Ratio Lower Upper

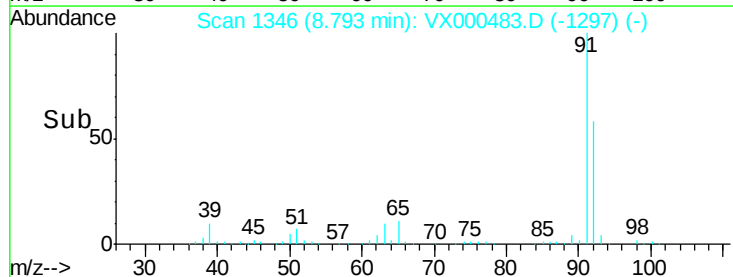
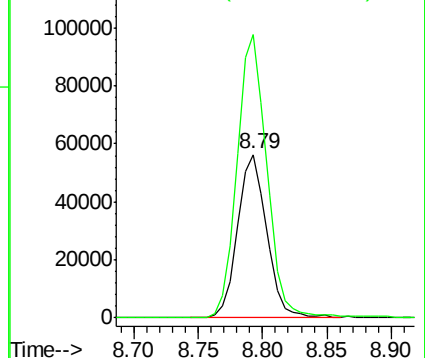
92 100

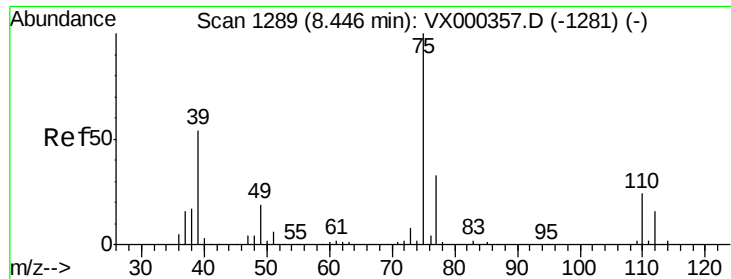
91 177.8 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 21.74 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

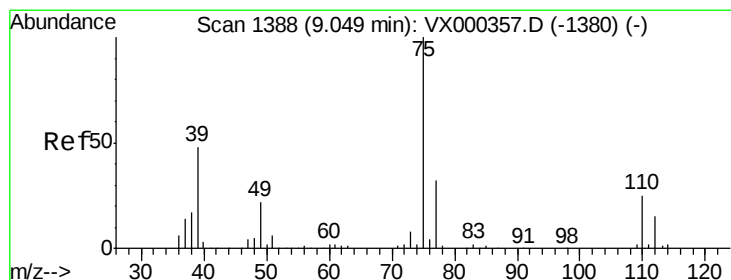
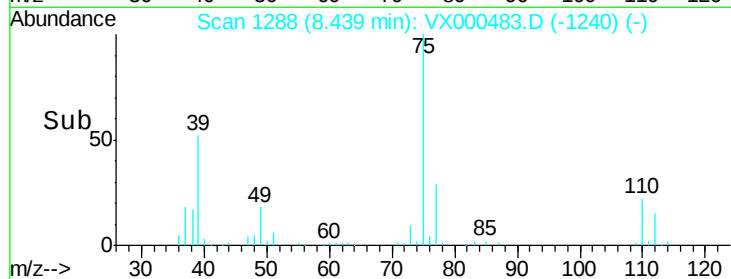
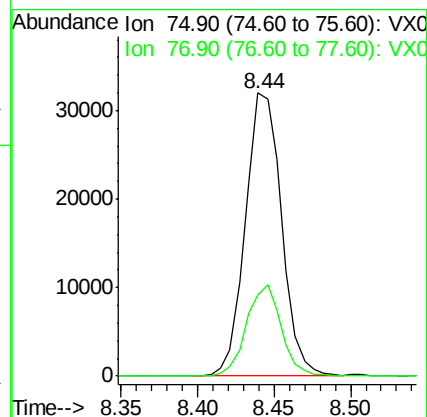
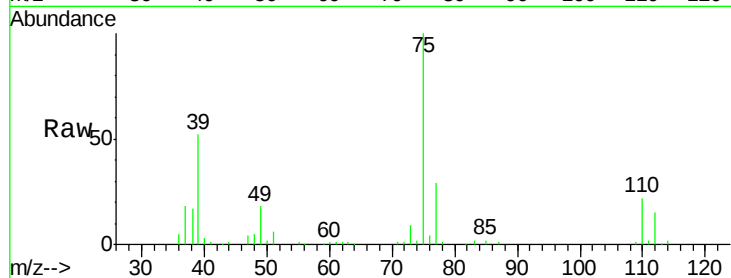
VX0328WBSD01

Tgt Ion: 75 Resp: 52547

Ion Ratio Lower Upper

75 100

77 28.5 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 22.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

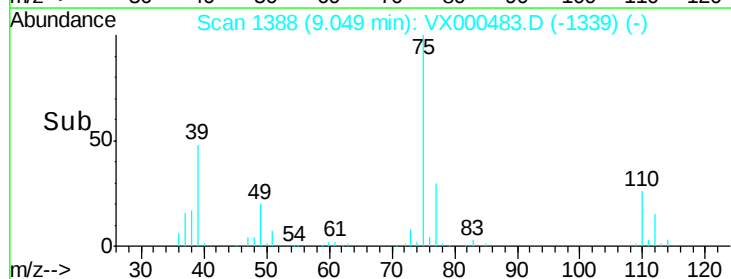
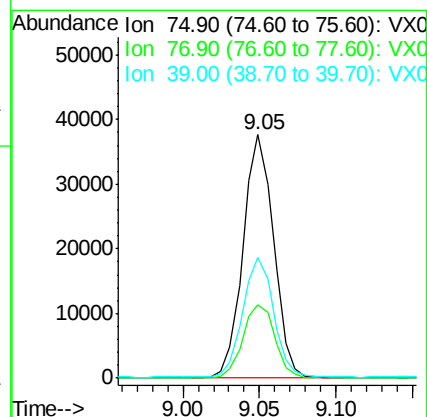
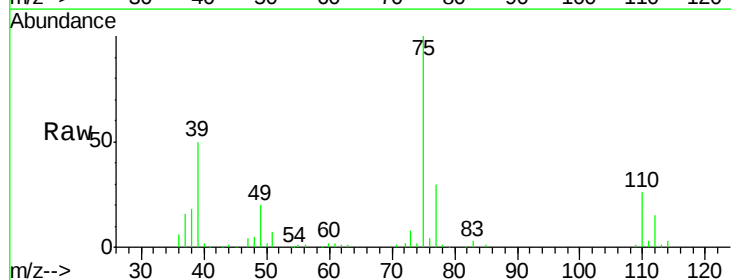
Tgt Ion: 75 Resp: 52231

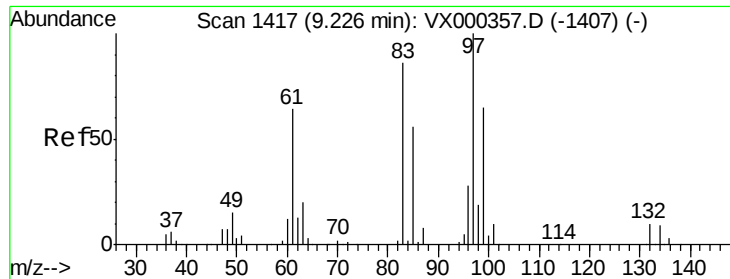
Ion Ratio Lower Upper

75 100

77 30.2 26.1 39.1

39 49.3 39.8 59.6

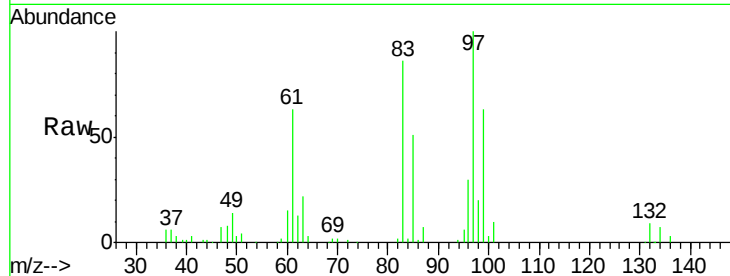




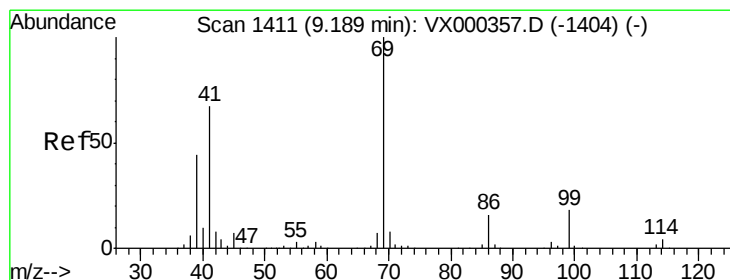
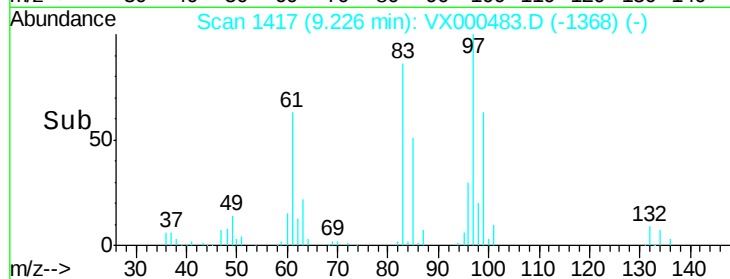
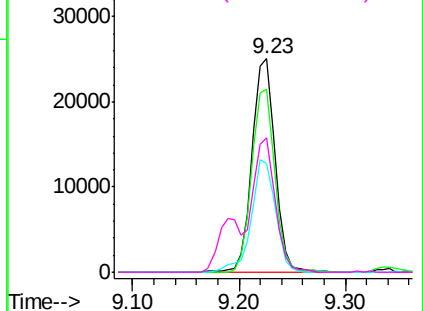
#55
 1,1,2-Trichloroethane
 Concen: 22.57 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tgt Ion:	97	Resp:	38293
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.9	101.9
85	51.0	42.8	64.2
99	63.2	49.4	74.2

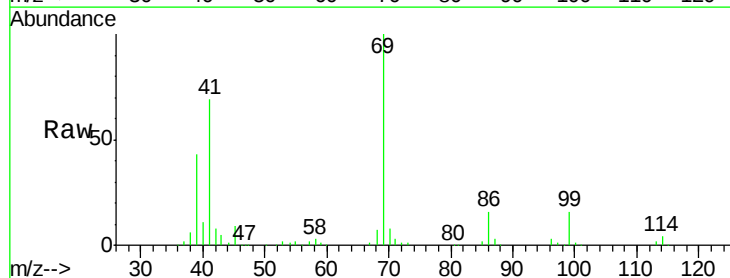


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

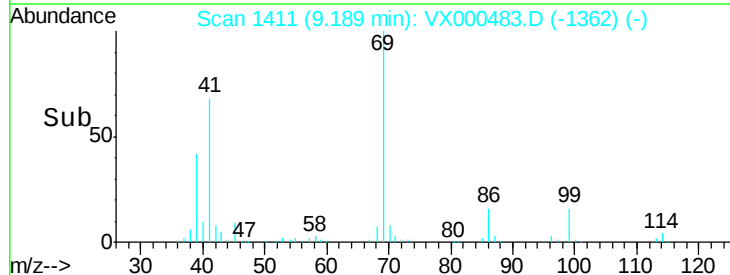
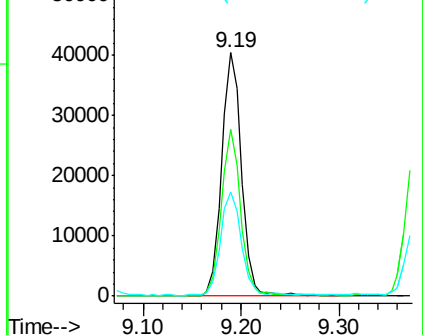


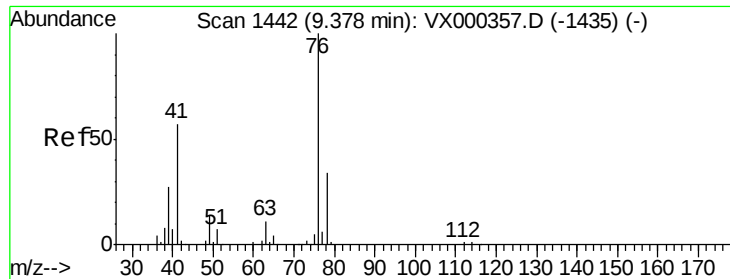
#56
 Ethyl methacrylate
 Concen: 22.13 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:	69	Resp:	56890
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.0	79.6
39	43.5	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

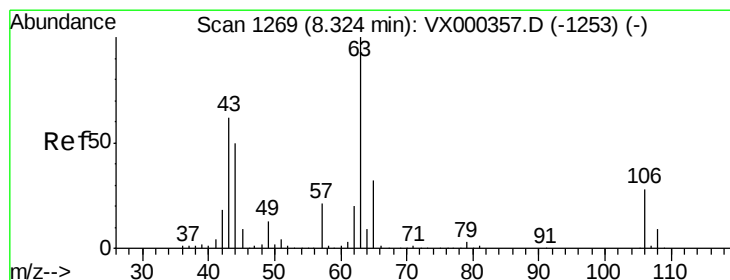
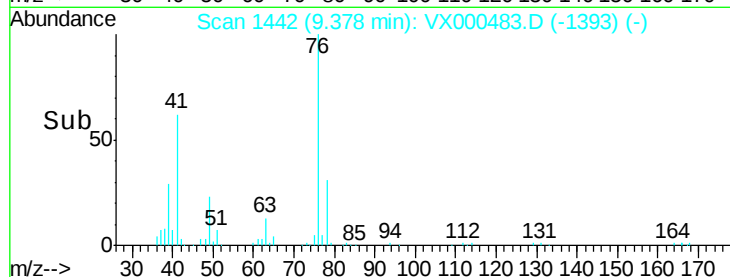
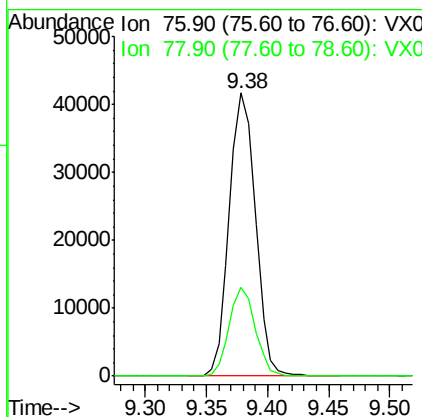
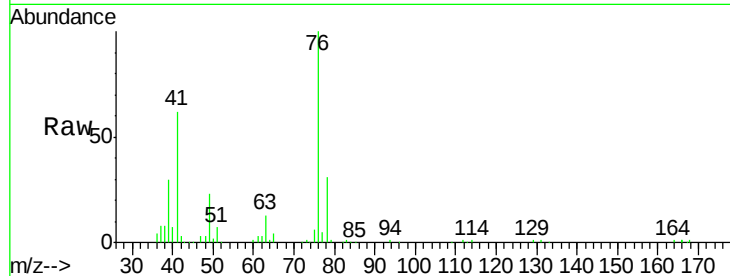




#57
 1,3-Dichloropropane
 Concen: 22.91 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

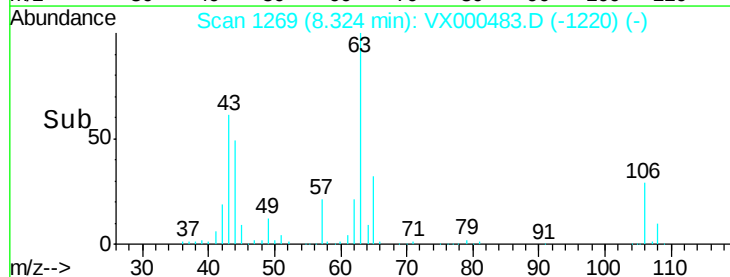
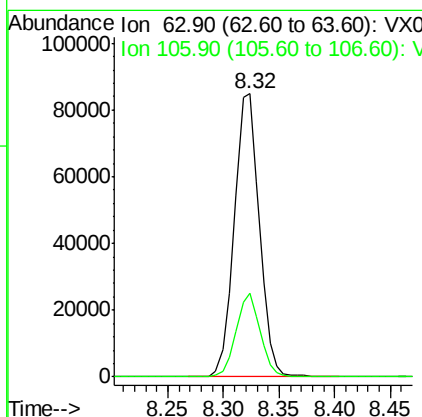
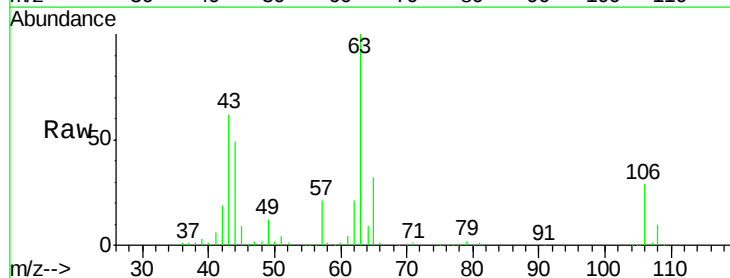
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tgt Ion: 76 Resp: 62167
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.50 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion: 63 Resp: 132640
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8

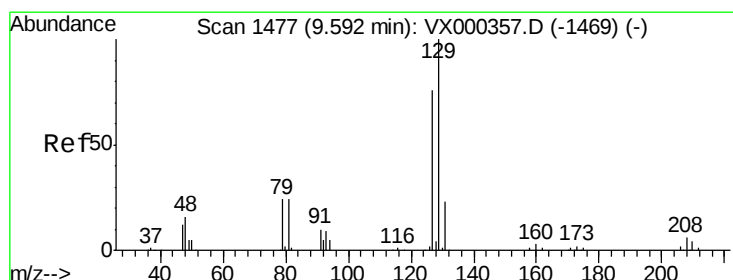
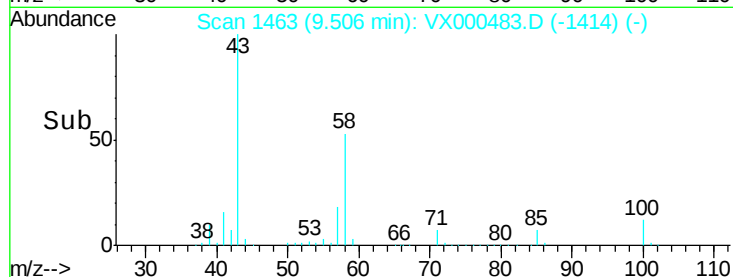
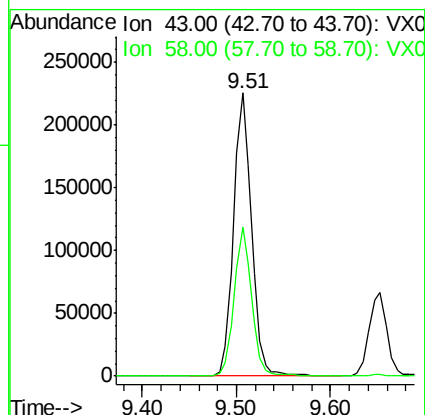
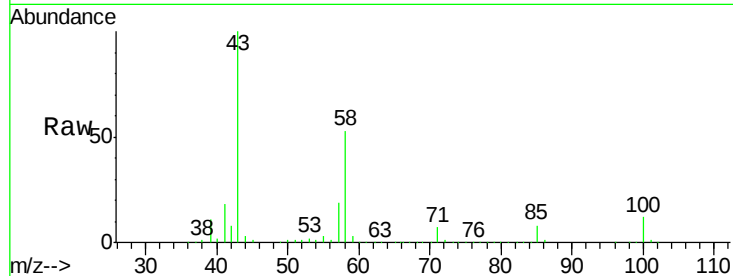




#59
2-Hexanone
Concen: 110.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

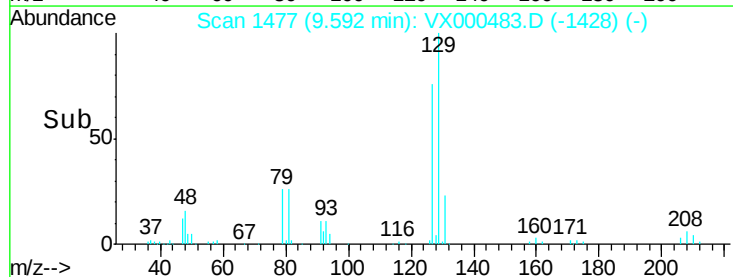
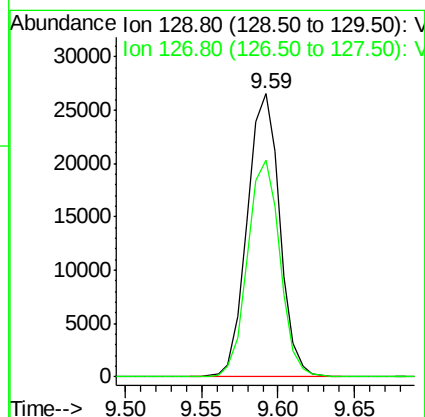
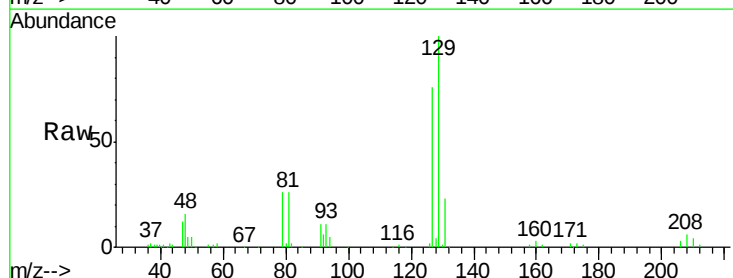
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

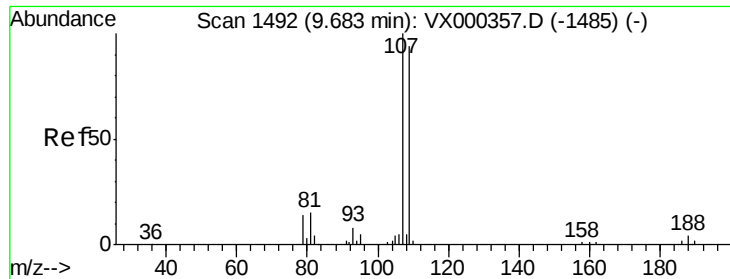
Tgt Ion: 43 Resp: 299971
Ion Ratio Lower Upper
43 100
58 51.0 26.6 79.7



#60
Dibromochloromethane
Concen: 22.02 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 129 Resp: 39172
Ion Ratio Lower Upper
129 100
127 76.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 23.09 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

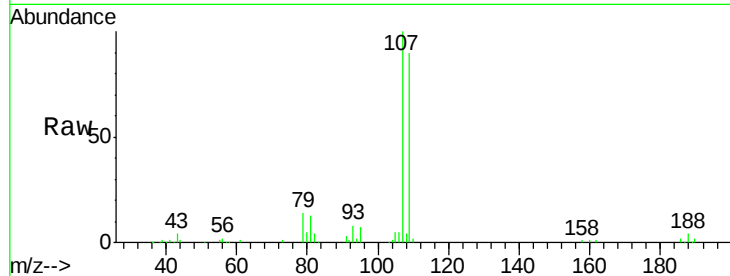
VX0328WBSD01

Tgt Ion: 107 Resp: 42004

Ion Ratio Lower Upper

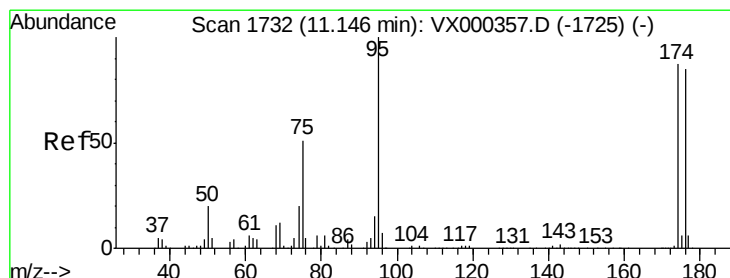
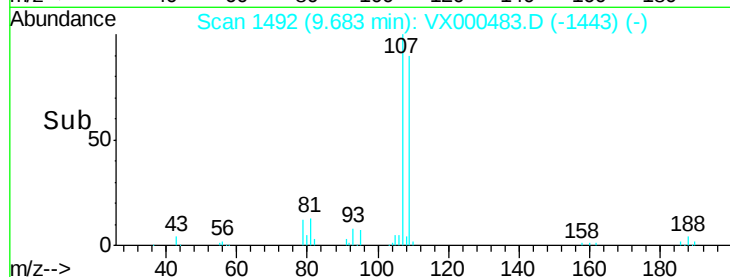
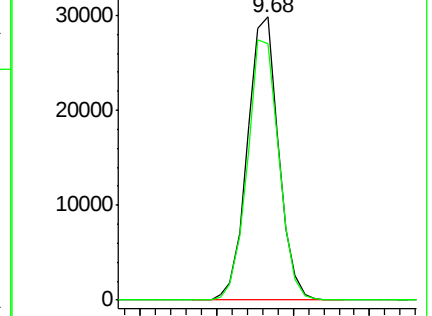
107 100

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: 48.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

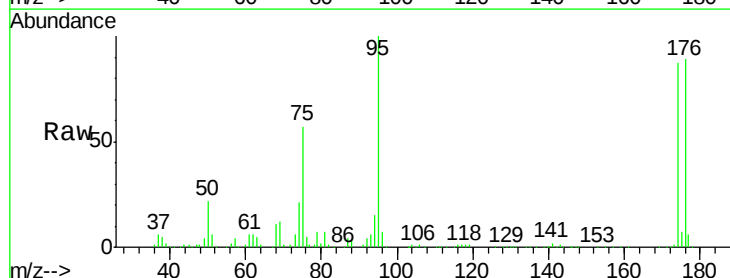
Tgt Ion: 95 Resp: 116672

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

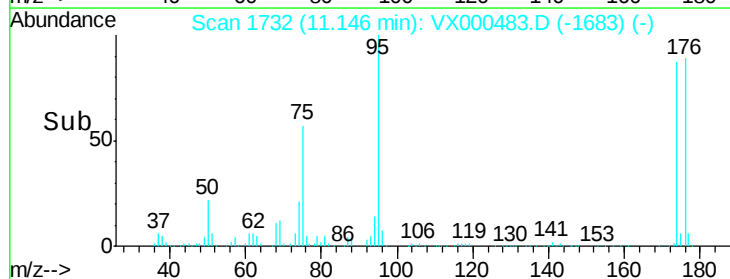
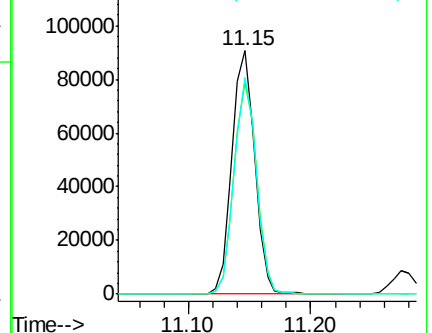
176 86.5 0.0 164.6

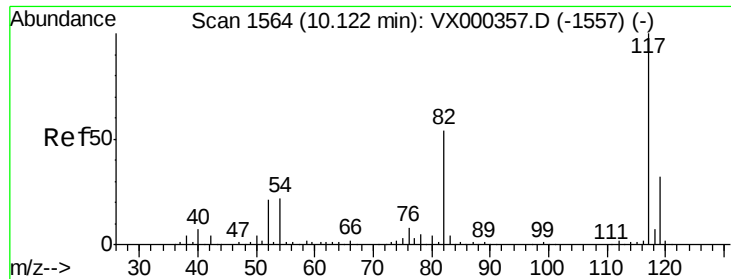


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

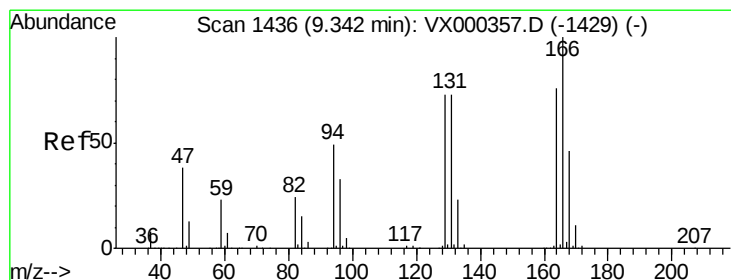
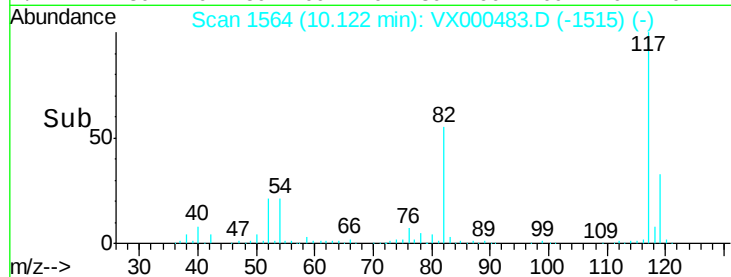
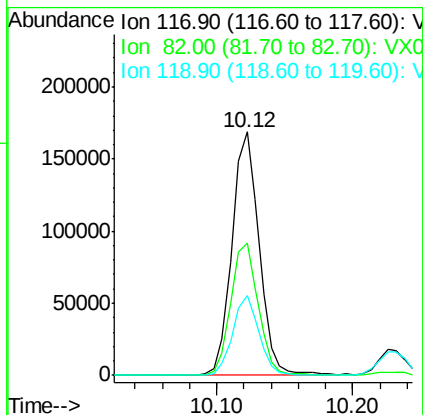
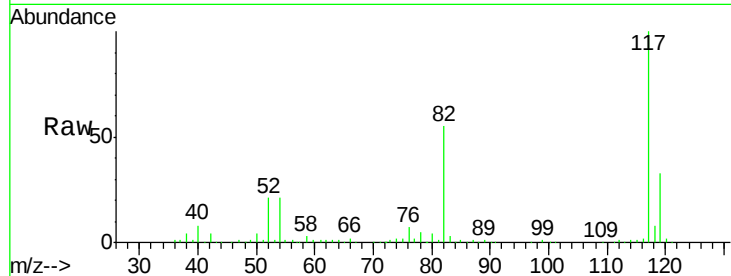




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

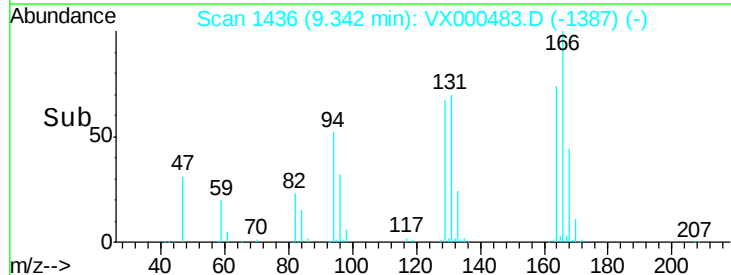
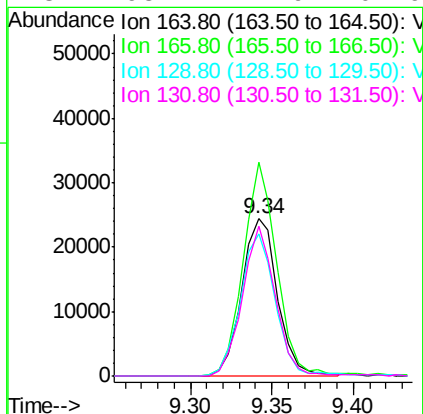
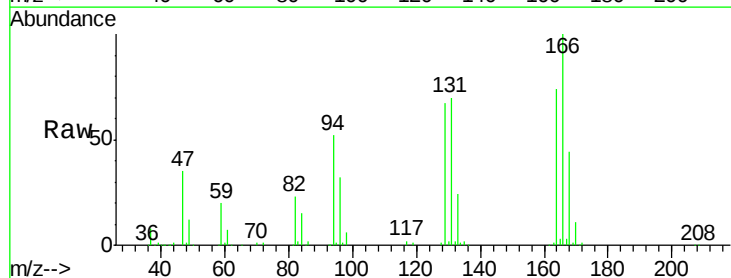
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

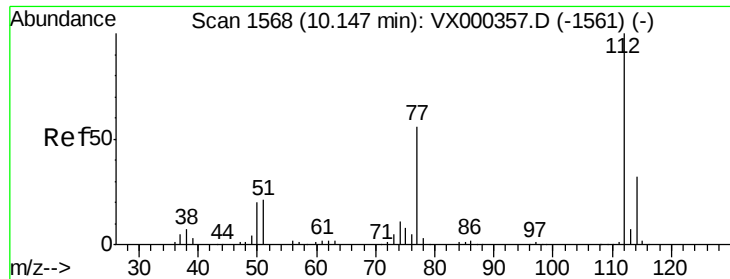
Tgt Ion:117 Resp: 234197
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 20.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:164 Resp: 37171
Ion Ratio Lower Upper
164 100
166 135.9 101.0 151.6
129 90.5 79.0 118.4
131 95.4 71.9 107.9

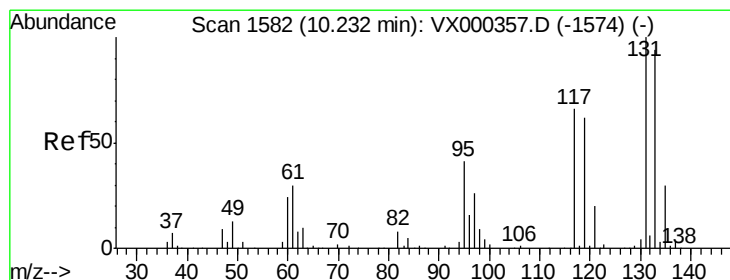
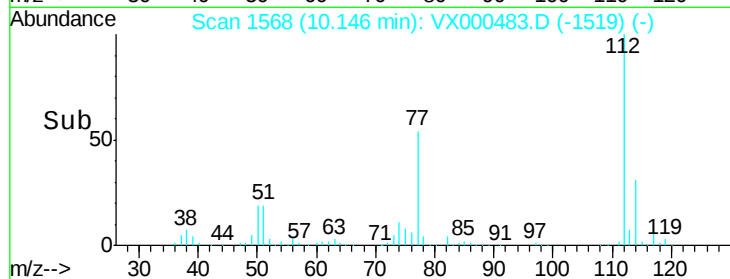
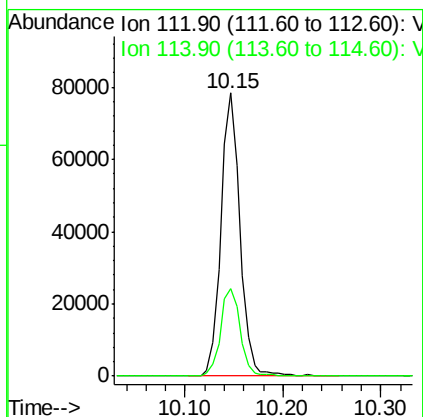
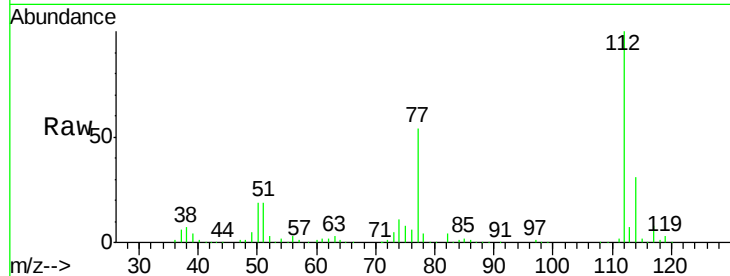




#65
Chlorobenzene
Concen: 20.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

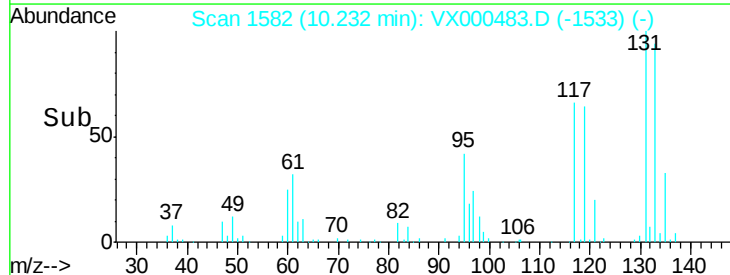
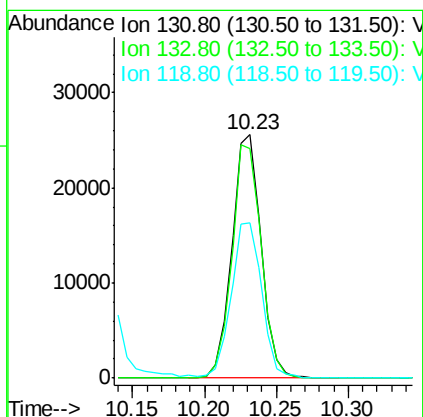
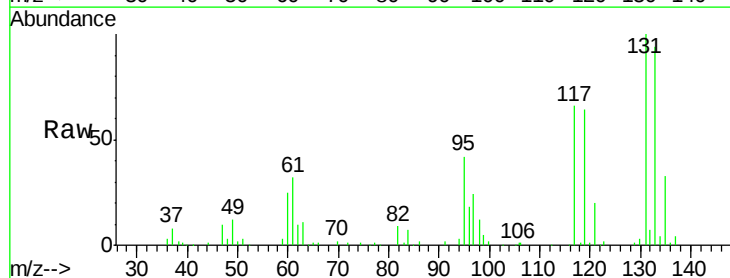
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

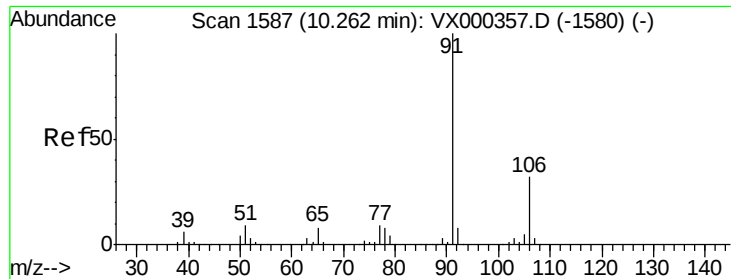
Tgt Ion:112 Resp: 105972
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5



#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: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:131 Resp: 36161
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 66.9 33.1 99.2

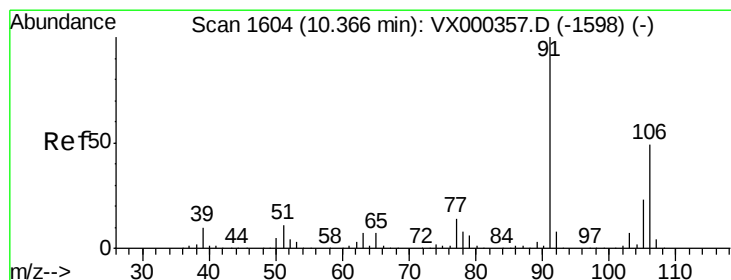
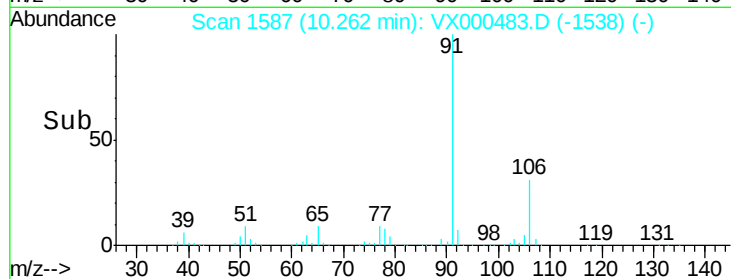
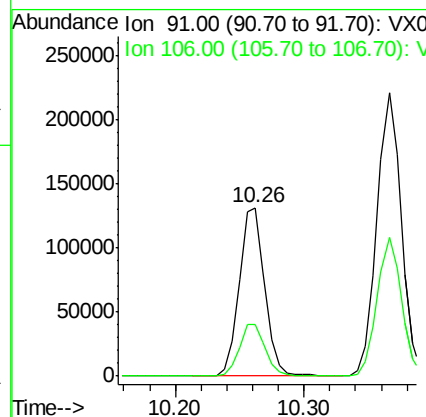
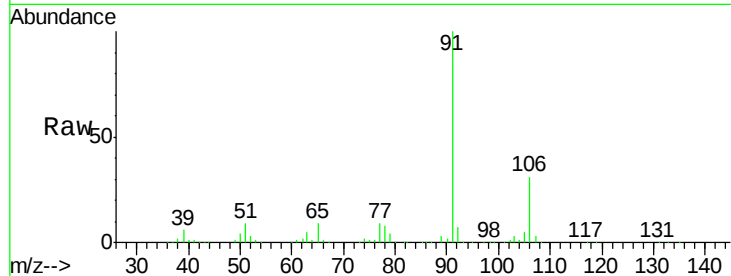




#67
Ethyl Benzene
Concen: 20.53 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

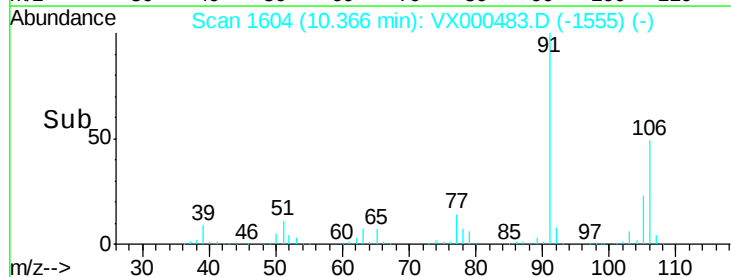
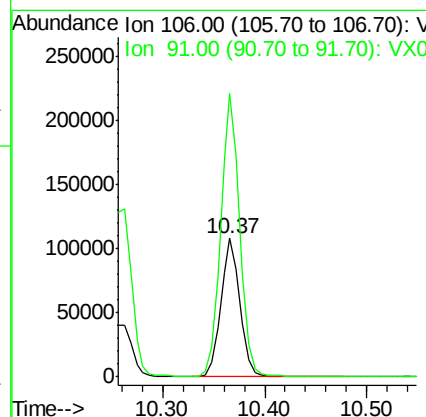
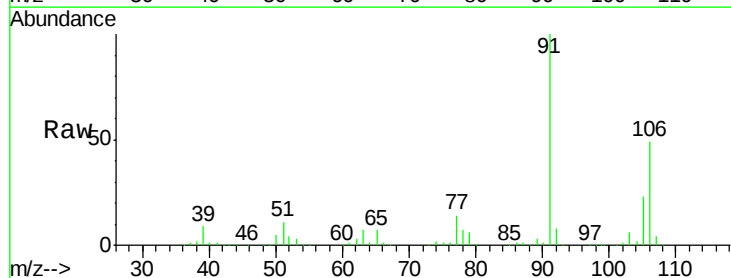
Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tgt Ion: 91 Resp: 181396
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 40.99 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 106 Resp: 142510
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2

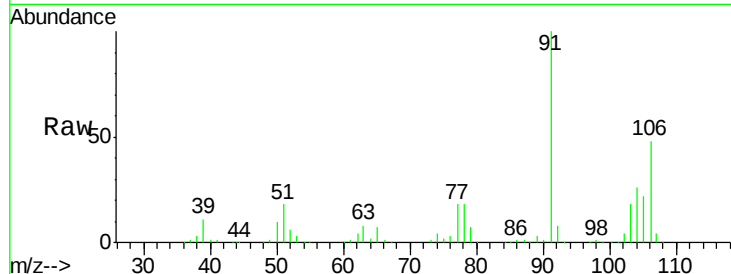




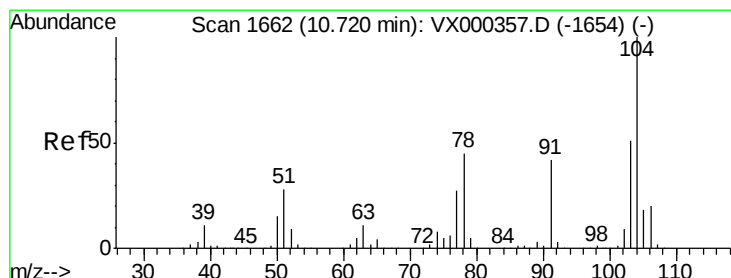
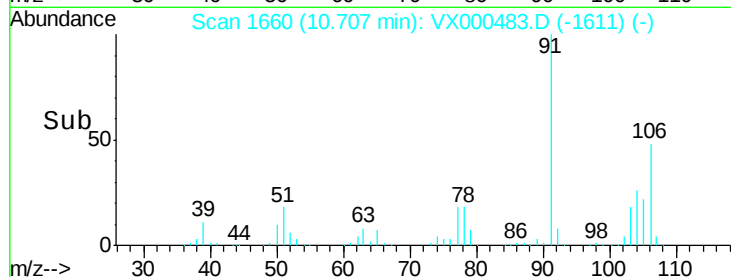
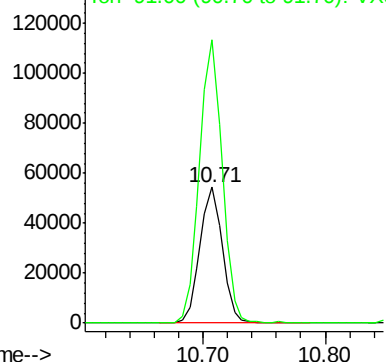
#69
o-Xylene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tgt Ion:106 Resp: 69364
Ion Ratio Lower Upper
106 100
91 210.7 106.5 319.6

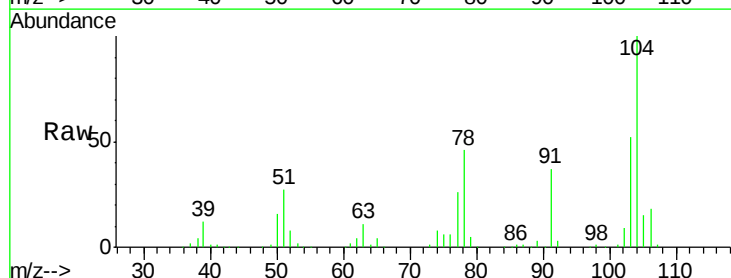


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

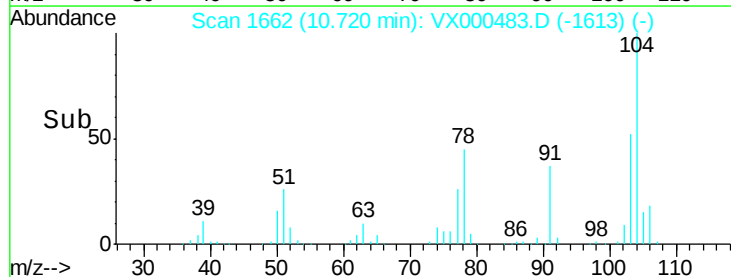
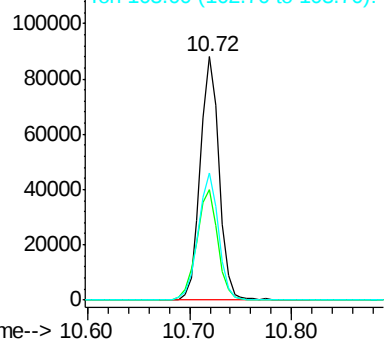


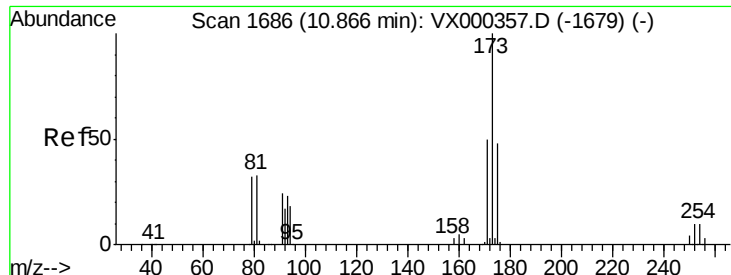
#70
Styrene
Concen: 20.14 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion:104 Resp: 112179
Ion Ratio Lower Upper
104 100
78 50.8 40.5 60.7
103 56.2 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: 19.75 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

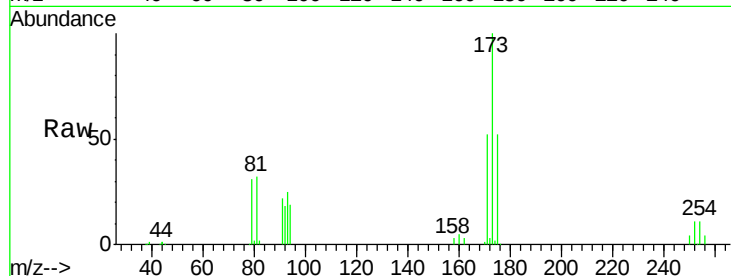
Tgt Ion:173 Resp: 30536

Ion Ratio Lower Upper

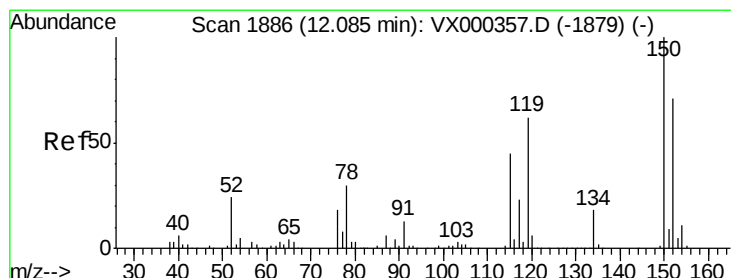
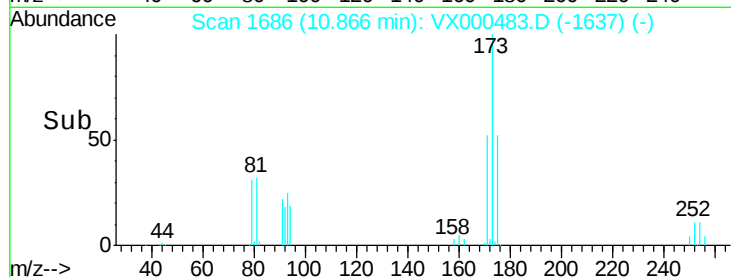
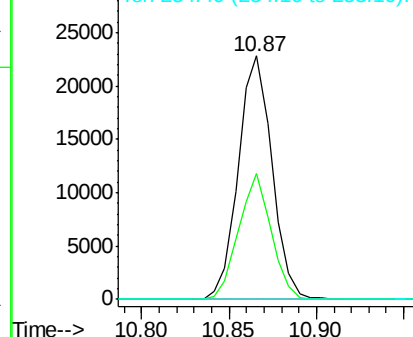
173 100

175 49.8 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: VX000483.D

Acq: 28 Mar 2018 12:53

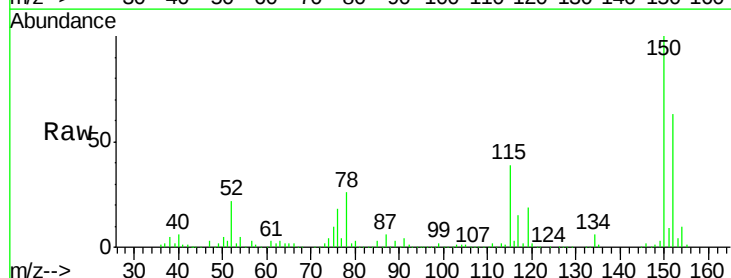
Tgt Ion:152 Resp: 135133

Ion Ratio Lower Upper

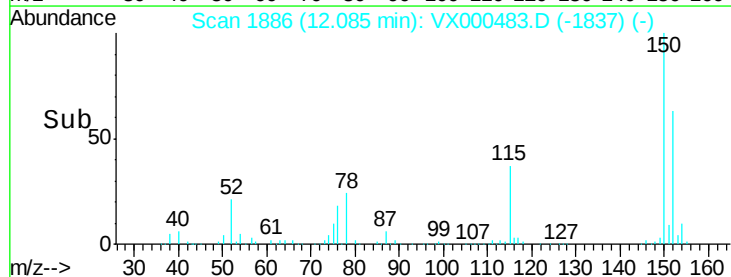
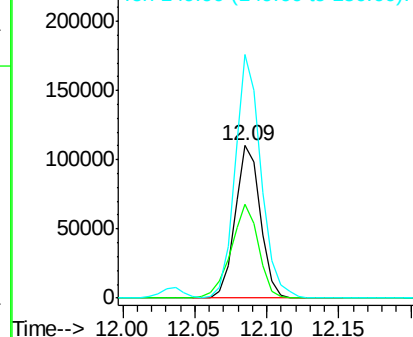
152 100

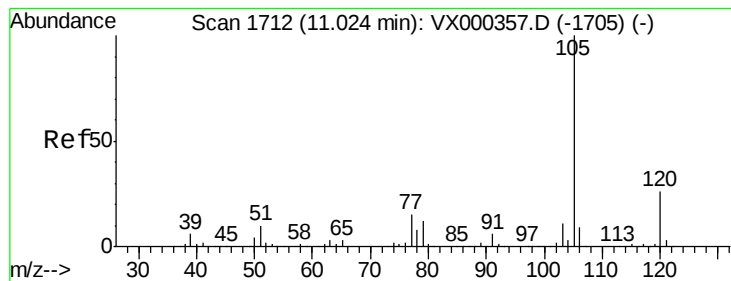
115 67.6 39.8 119.3

150 164.0 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: 21.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

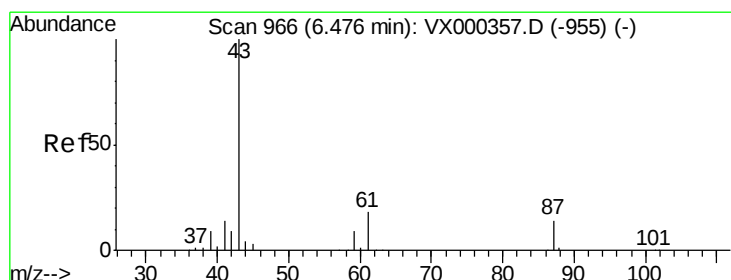
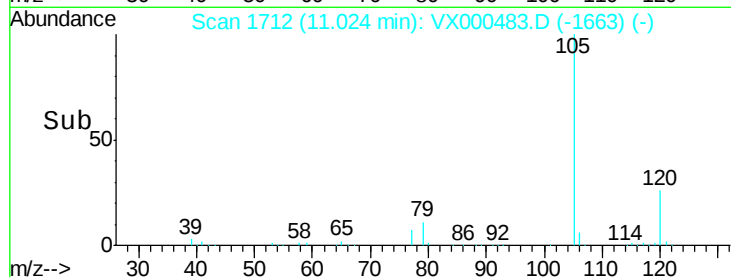
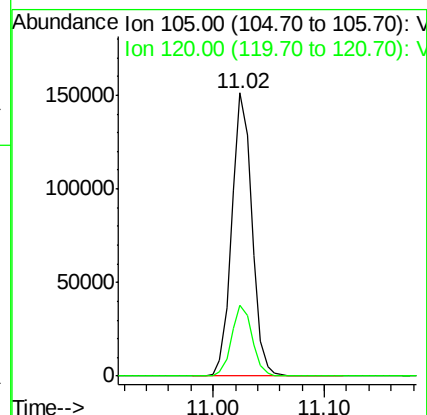
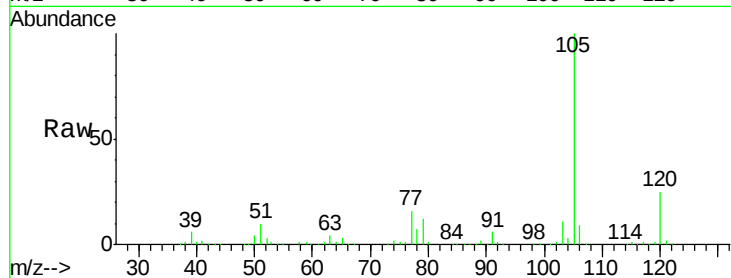
VX0328WBSD01

Tgt Ion:105 Resp: 189742

Ion Ratio Lower Upper

105 100

120 25.4 13.6 40.7



#74

N-ethyl acetate

Concen: 20.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Tgt Ion: 43 Resp: 86459

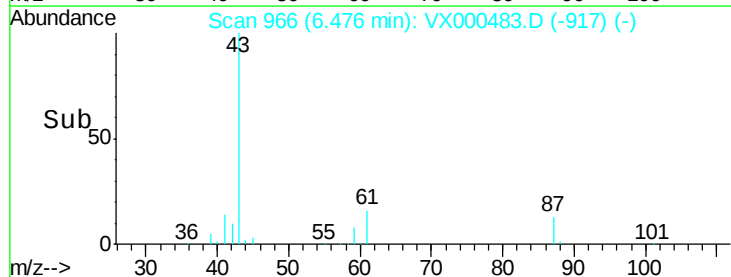
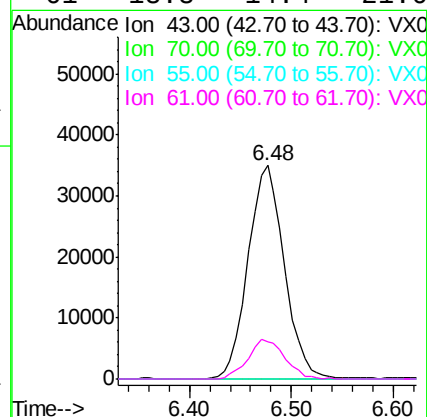
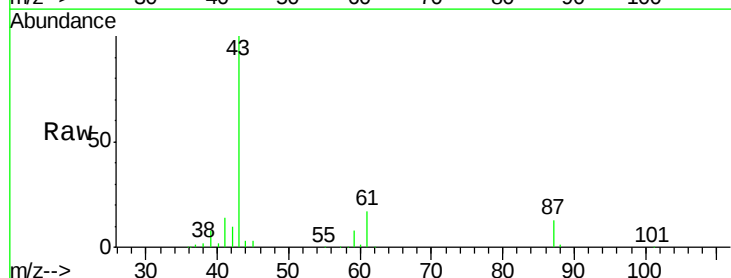
Ion Ratio Lower Upper

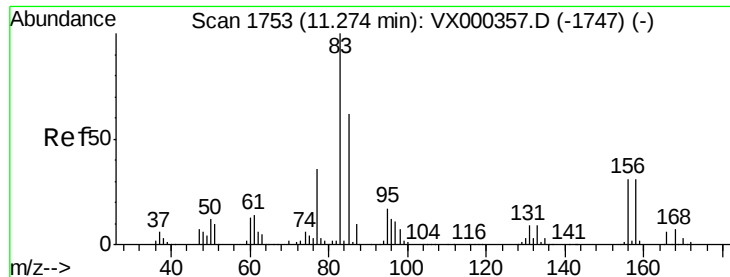
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.8 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

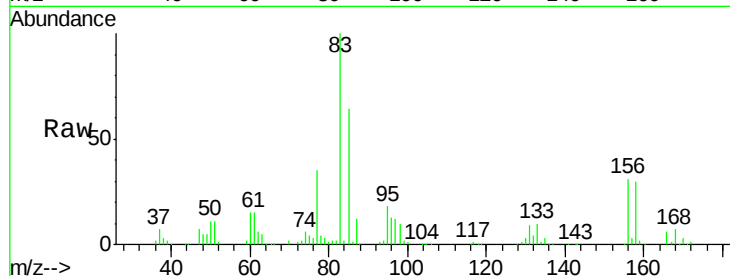
Tgt Ion: 83 Resp: 68528

Ion Ratio Lower Upper

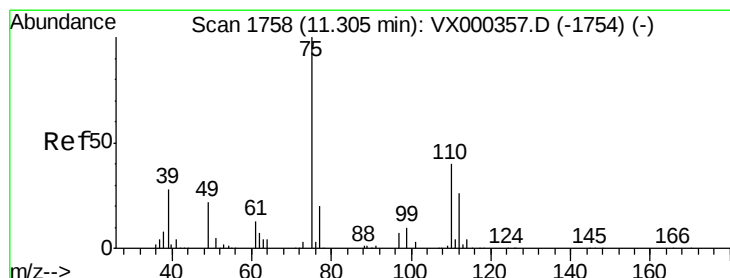
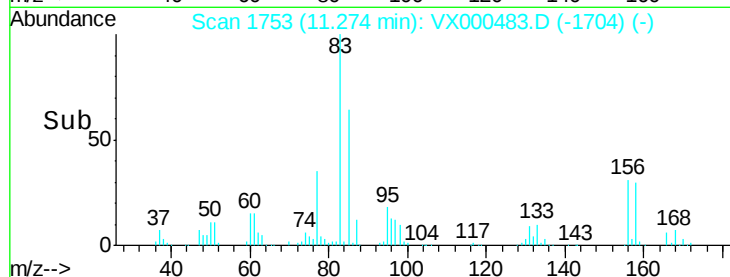
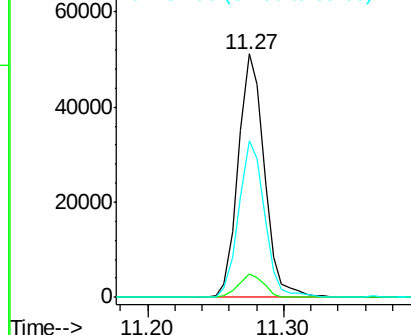
83 100

131 9.2 5.0 14.9

85 63.9 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.30 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000483.D

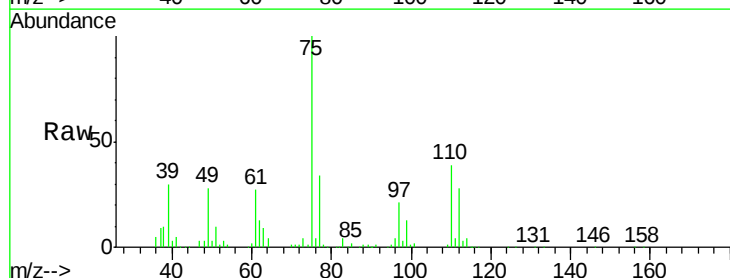
Acq: 28 Mar 2018 12:53

Tgt Ion: 75 Resp: 76370

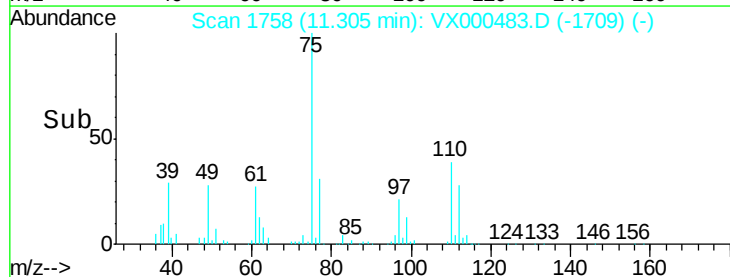
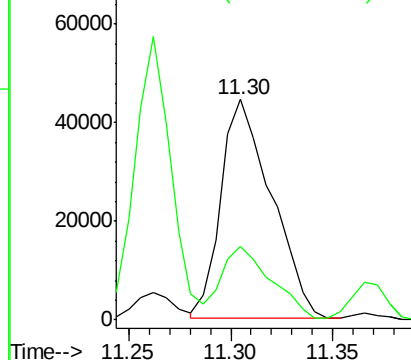
Ion Ratio Lower Upper

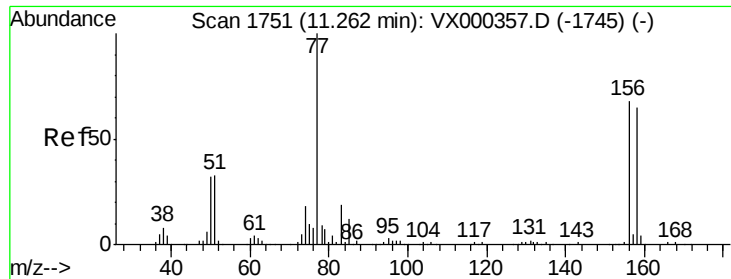
75 100

77 33.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.14 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

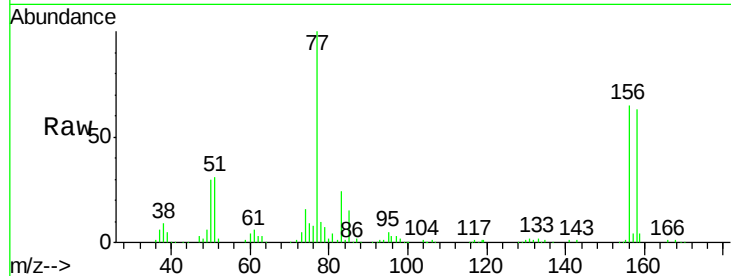
Tgt Ion:156 Resp: 48041

Ion Ratio Lower Upper

156 100

77 147.6 73.4 220.2

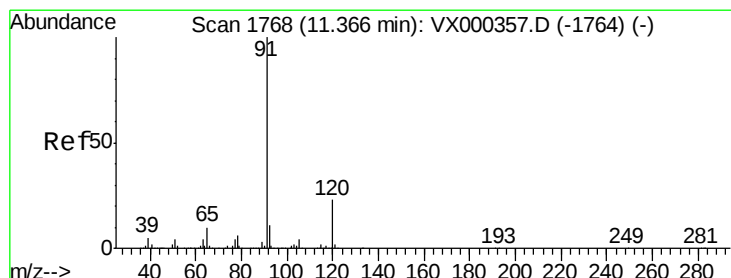
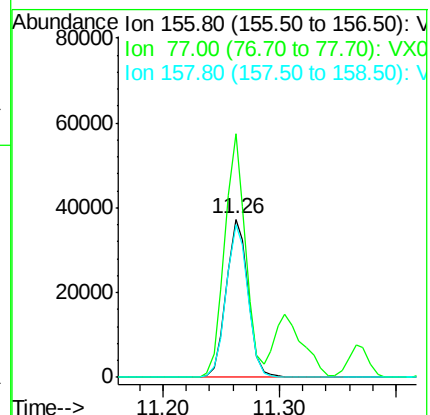
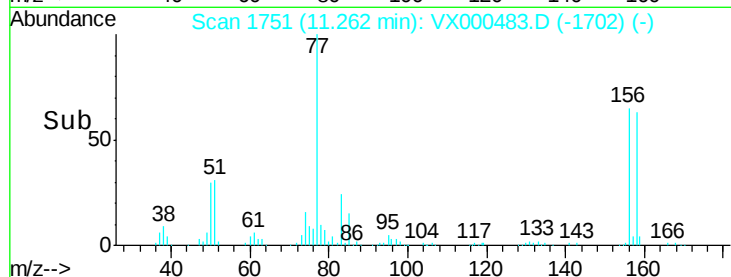
158 96.2 48.5 145.6



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: 20.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000483.D

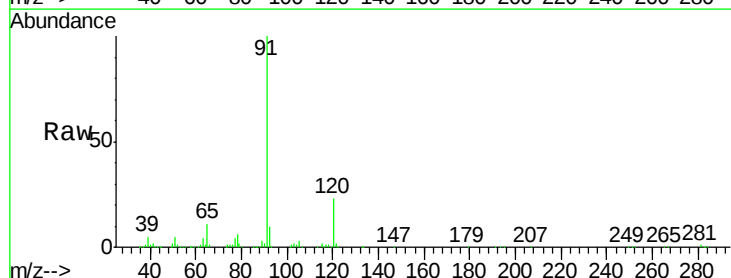
Acq: 28 Mar 2018 12:53

Tgt Ion: 91 Resp: 221327

Ion Ratio Lower Upper

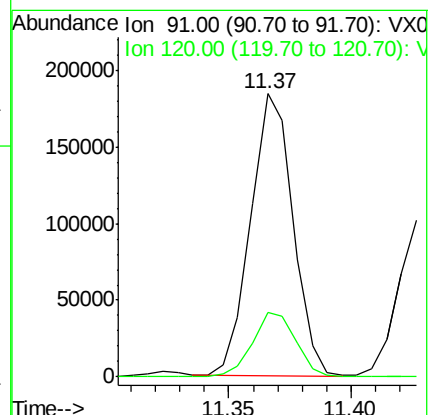
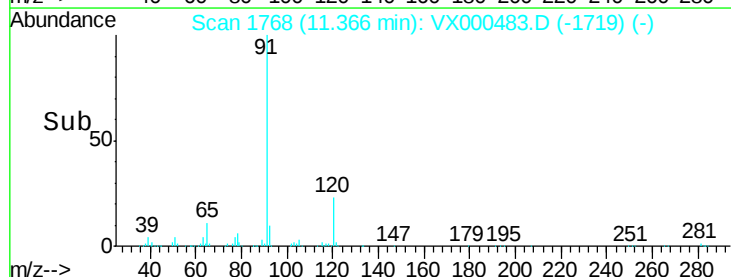
91 100

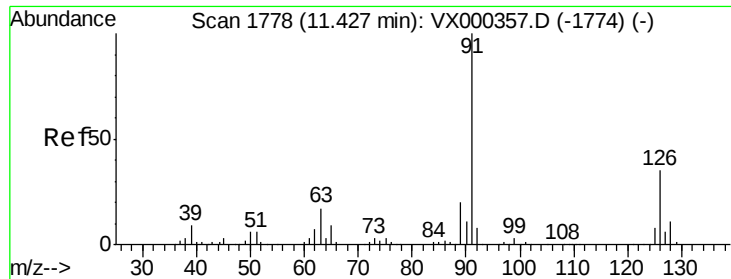
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

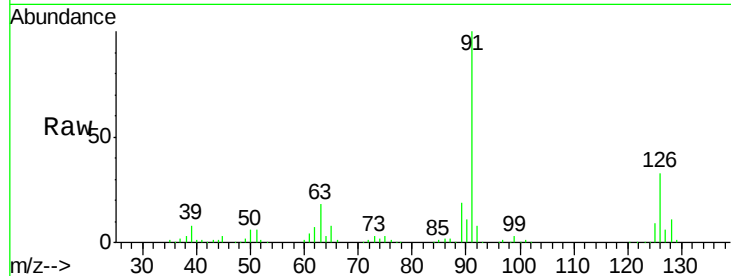
VX0328WBSD01

Tgt Ion: 91 Resp: 125844

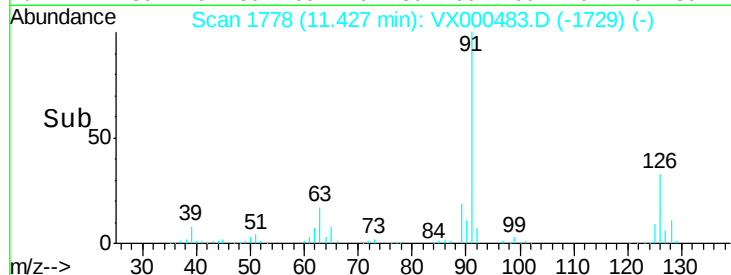
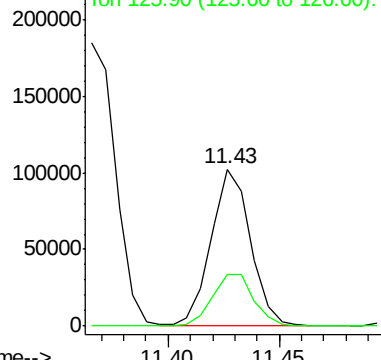
Ion Ratio Lower Upper

91 100

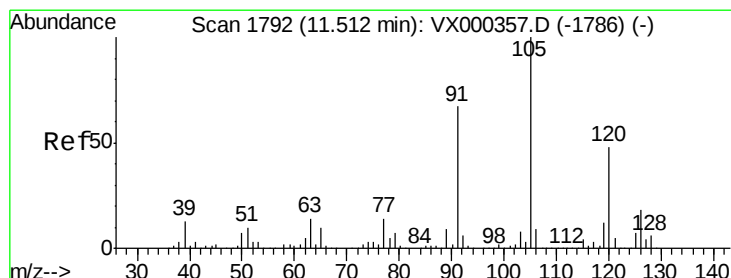
126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000483.D (-1729) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.82 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000483.D

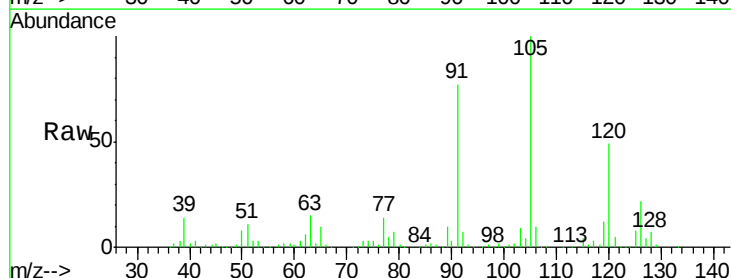
Acq: 28 Mar 2018 12:53

Tgt Ion: 105 Resp: 156755

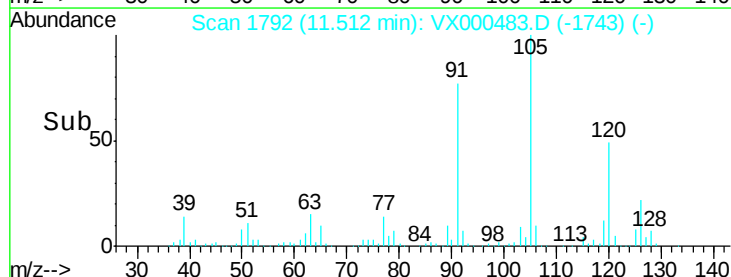
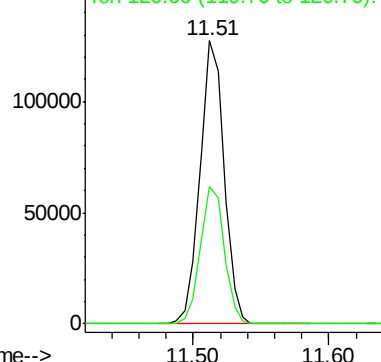
Ion Ratio Lower Upper

105 100

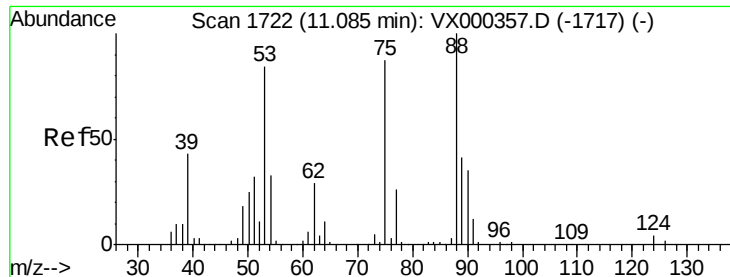
120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000483.D (-1743) (-)



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 19.98 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

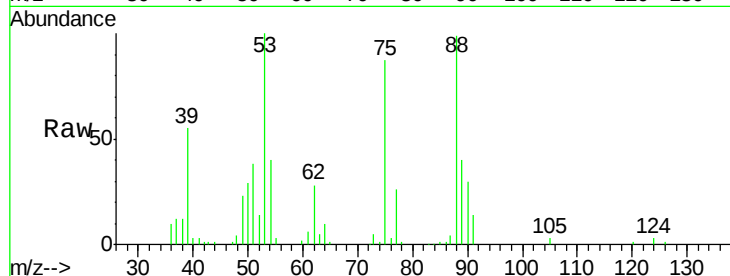
Tgt Ion: 75 Resp: 17921

Ion Ratio Lower Upper

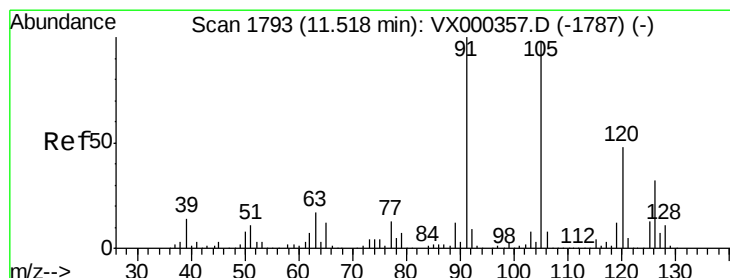
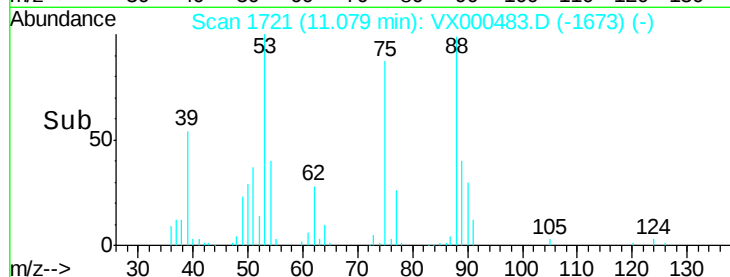
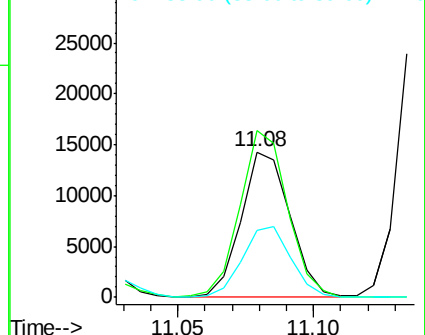
75 100

53 111.9 80.7 121.1

89 48.4 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.56 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000483.D

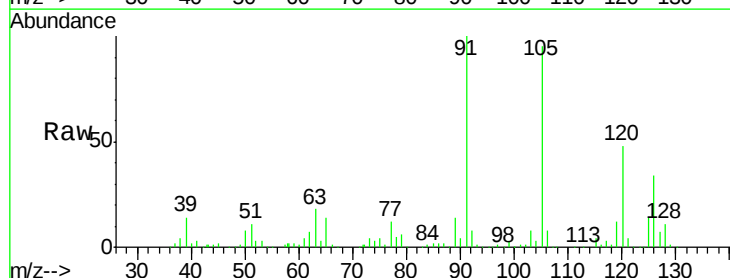
Acq: 28 Mar 2018 12:53

Tgt Ion: 91 Resp: 151413

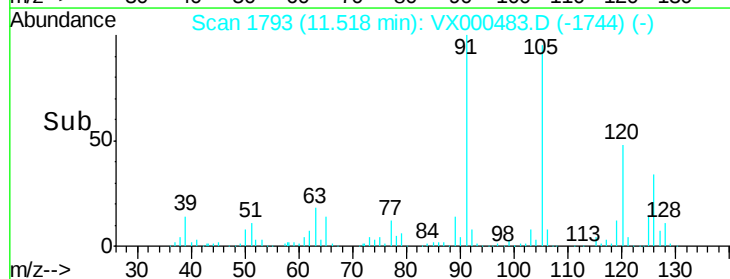
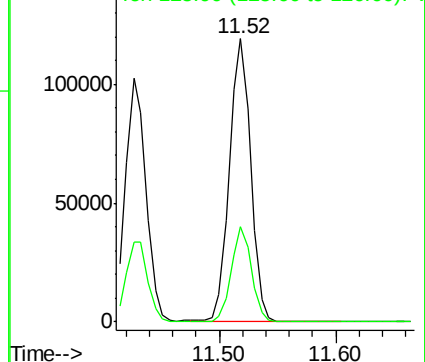
Ion Ratio Lower Upper

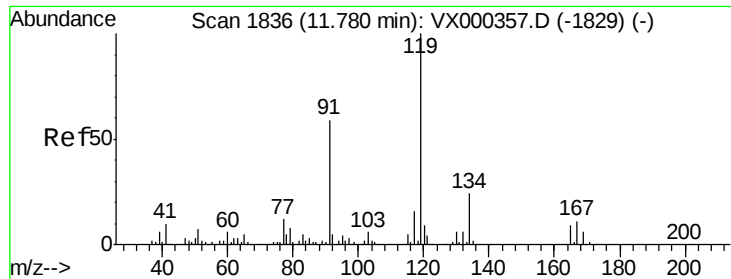
91 100

126 31.9 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

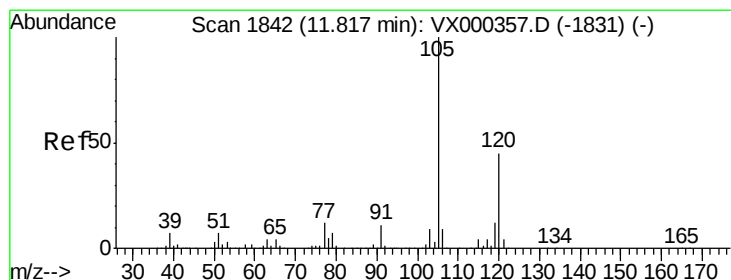
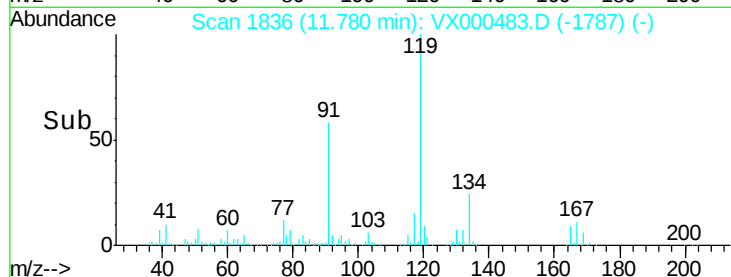
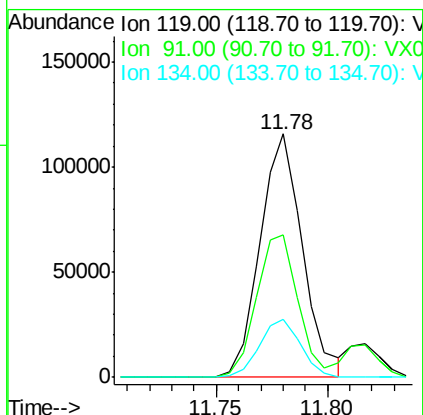
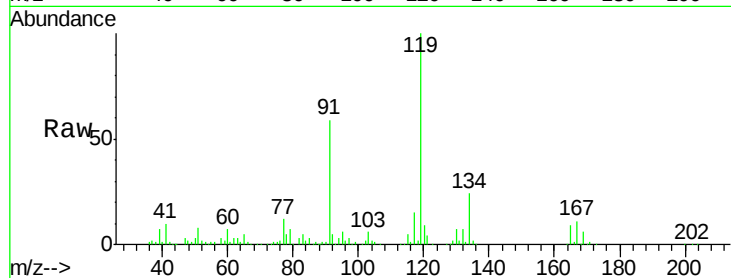




#83
 tert-Butylbenzene
 Concen: 20.20 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

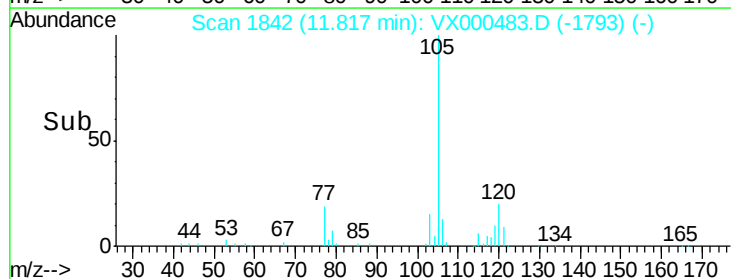
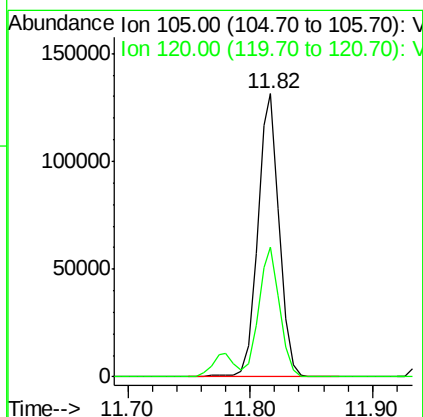
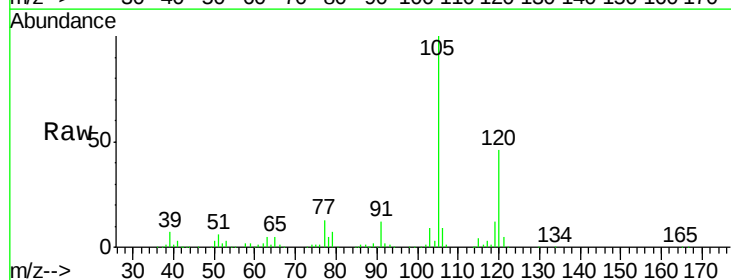
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

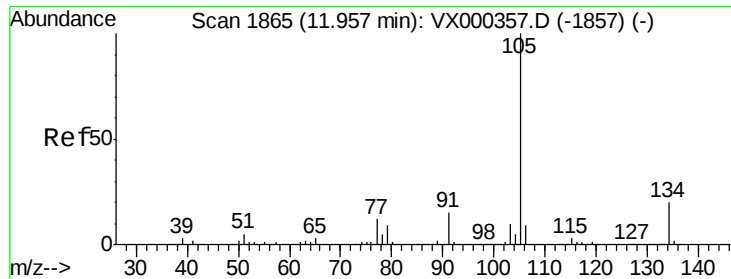
Tgt Ion:119 Resp: 153373
 Ion Ratio Lower Upper
 119 100
 91 57.0 28.8 86.4
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.25 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:105 Resp: 159837
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

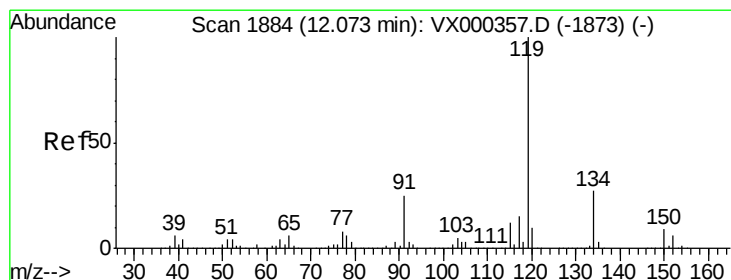
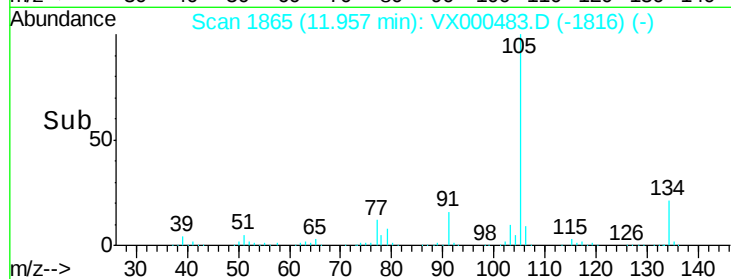
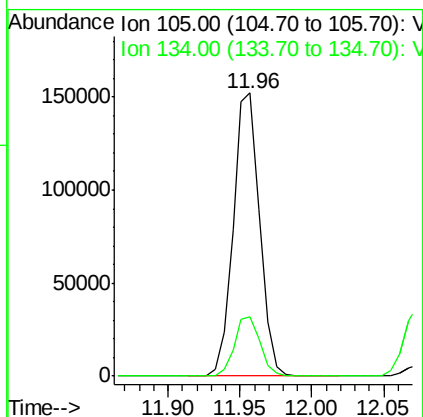
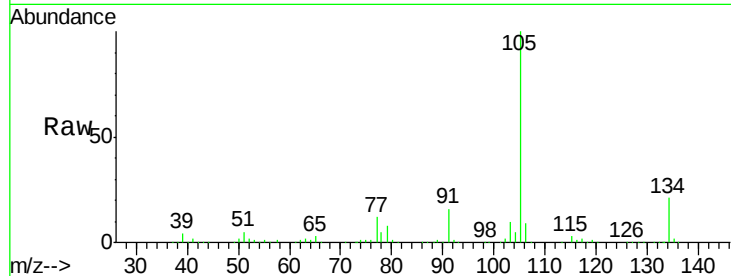




#85
 sec-Butylbenzene
 Concen: 20.73 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

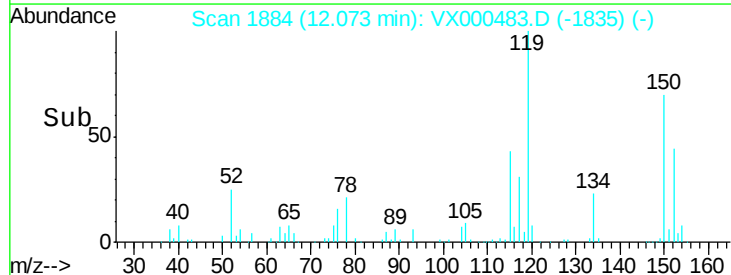
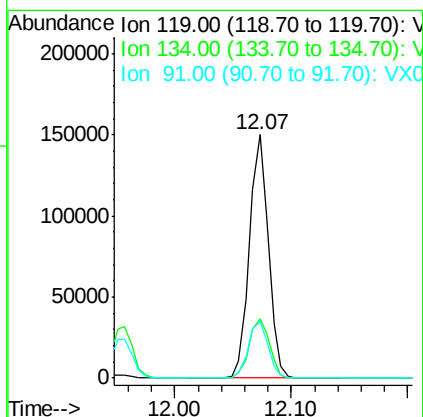
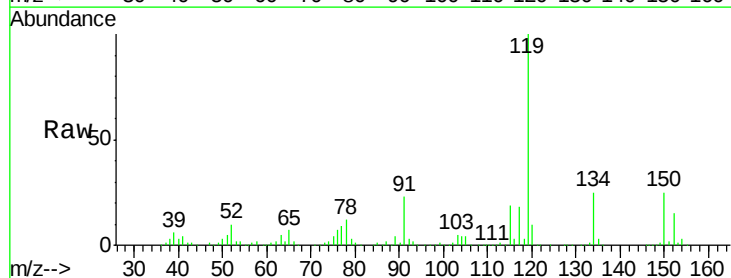
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tgt Ion:105 Resp: 194772
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.65 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:119 Resp: 172266
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 24.6 12.0 36.1

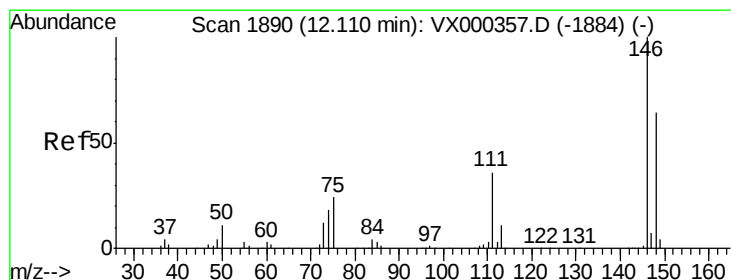
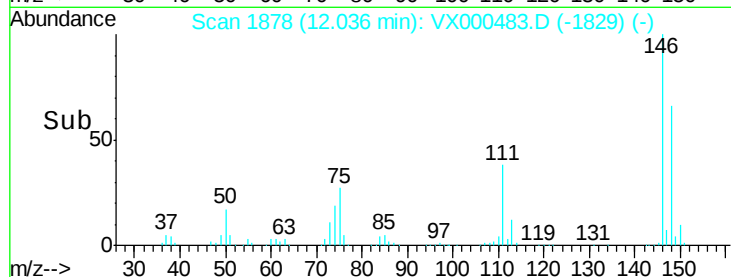
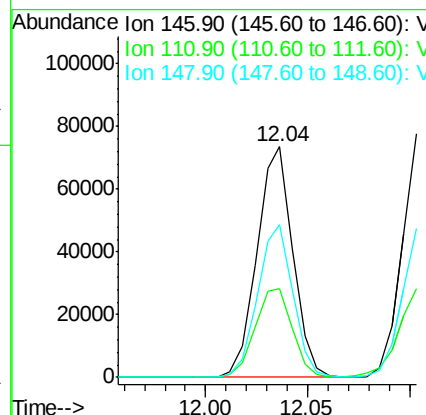
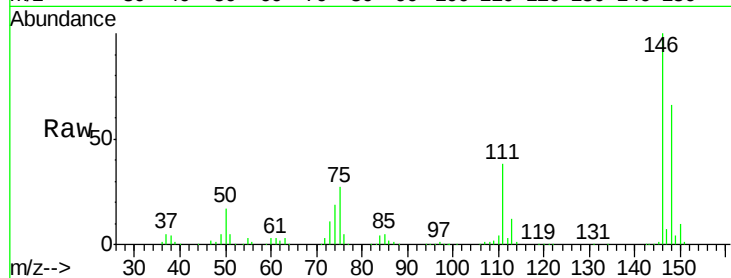




#87
 1,3-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

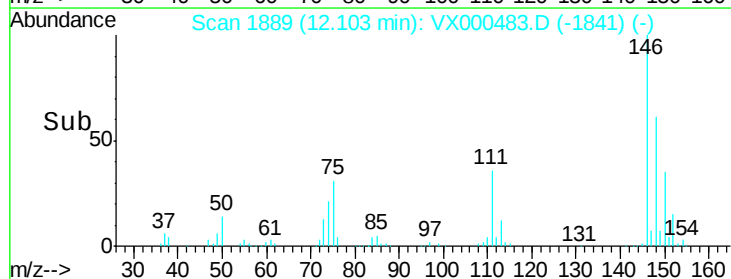
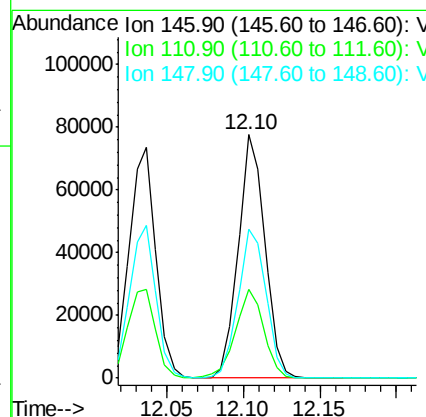
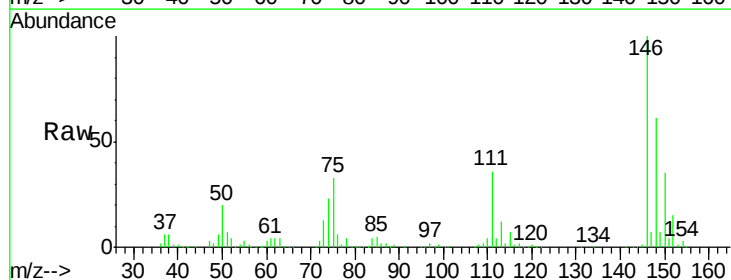
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tgt Ion:146 Resp: 89950
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.5 58.5
 148 65.2 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.86 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:146 Resp: 94020
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.9
 148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 21.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

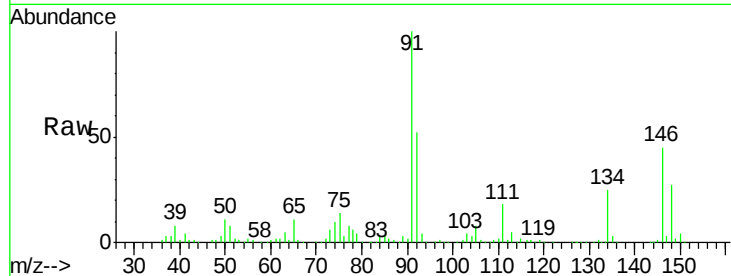
Tgt Ion: 91 Resp: 166016

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

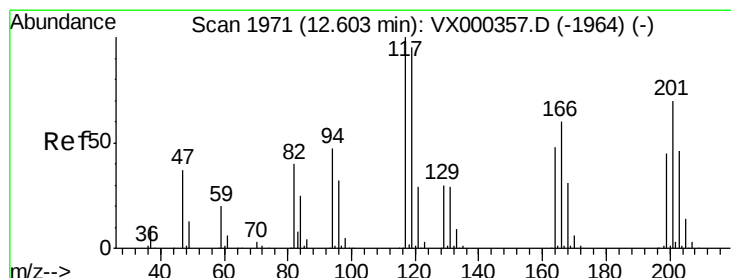
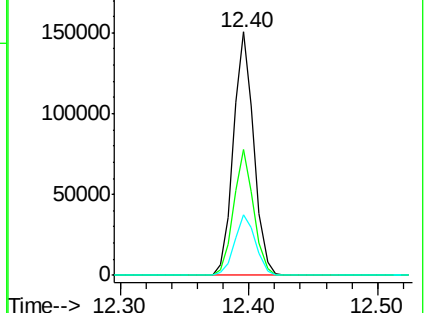
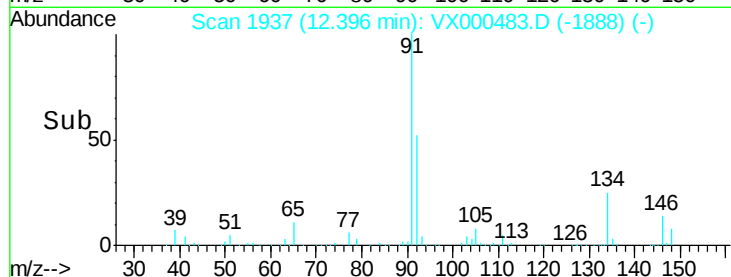
134 25.5 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000483.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000483.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000483.D (-1930) (-)



#90

Hexachloroethane

Concen: 20.38 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000483.D

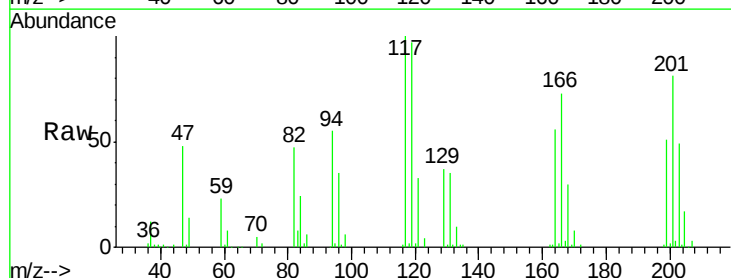
Acq: 28 Mar 2018 12:53

Tgt Ion: 117 Resp: 26762

Ion Ratio Lower Upper

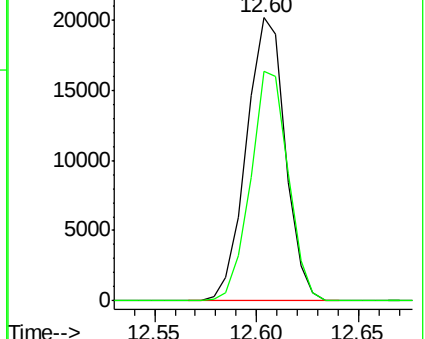
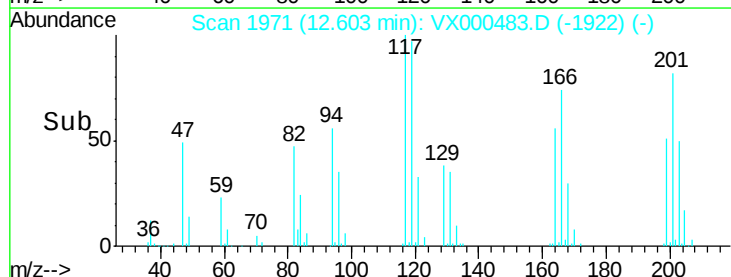
117 100

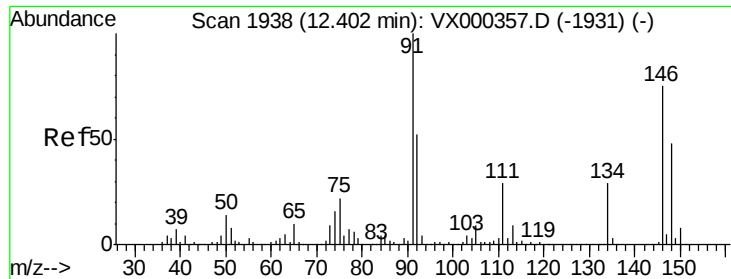
201 78.8 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000483.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000483.D (-1964) (-)

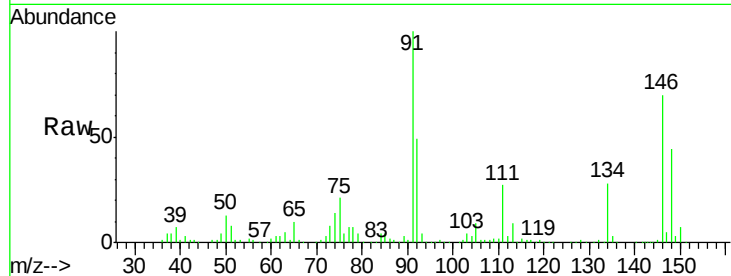




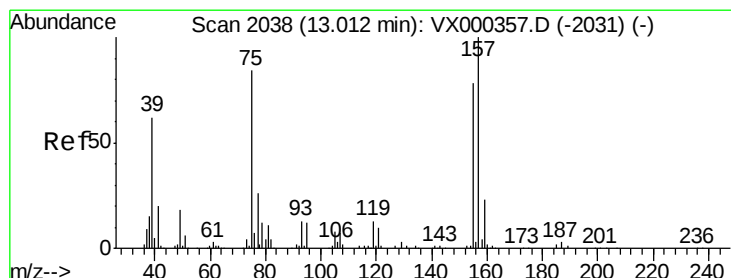
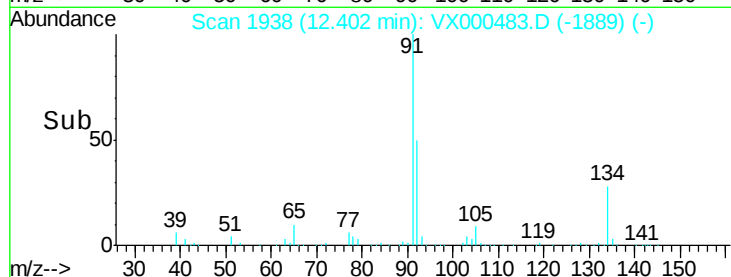
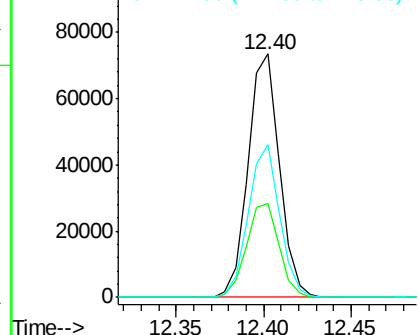
#91
1,2-Dichlorobenzene
Concen: 20.69 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tgt Ion: 146 Resp: 91475
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 62.4 31.2 93.6

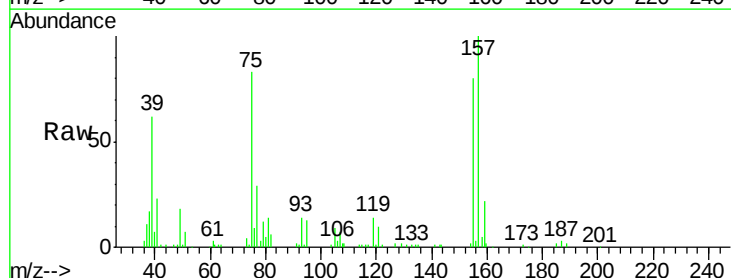


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

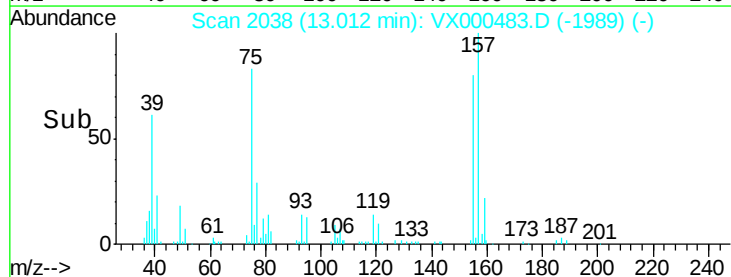
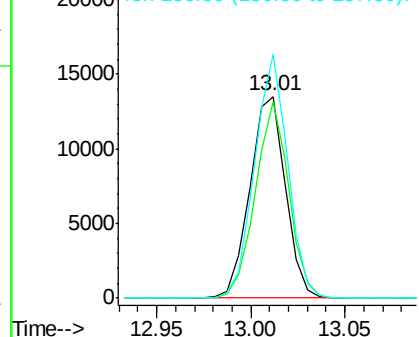


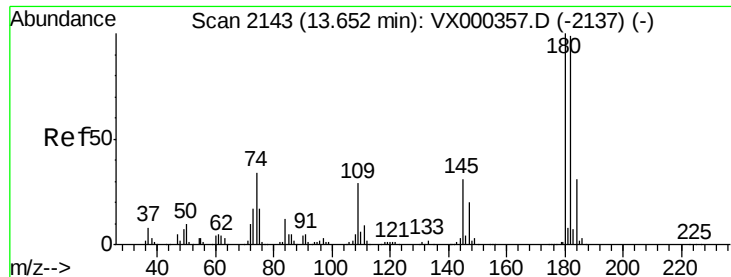
#92
1,2-Dibromo-3-Chloropropane
Concen: 20.03 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000483.D
Acq: 28 Mar 2018 12:53

Tgt Ion: 75 Resp: 17694
Ion Ratio Lower Upper
75 100
155 91.2 45.0 134.8
157 112.2 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

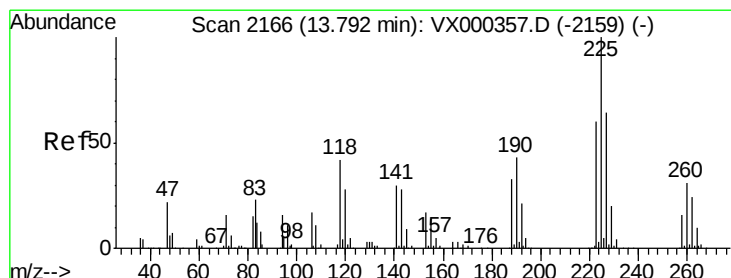
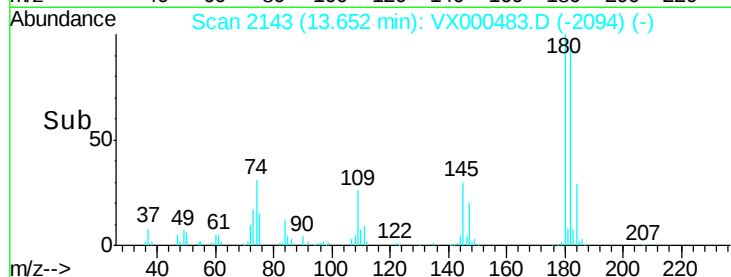
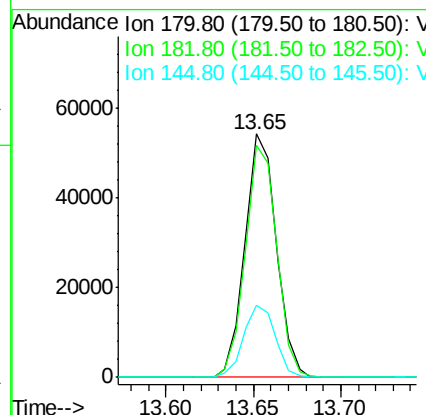
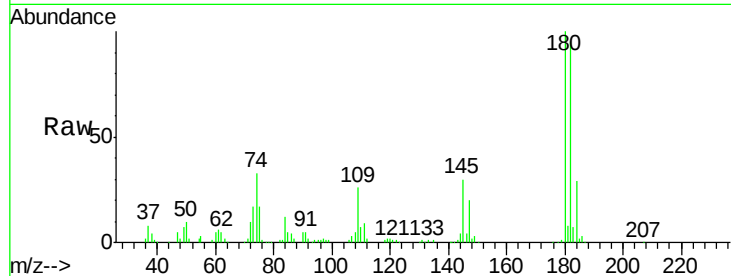




#93
 1,2,4-Trichlorobenzene
 Concen: 21.36 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

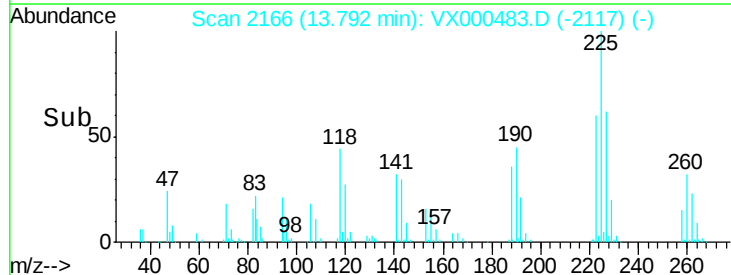
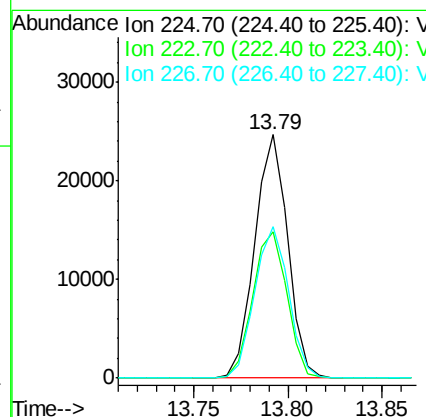
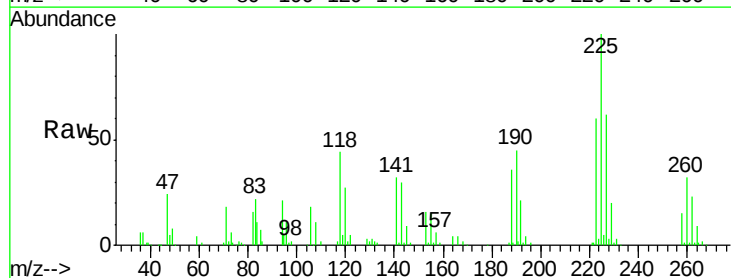
Instrument :
 MSVOA_X
 ClientSampled :
 VX0328WBSD01

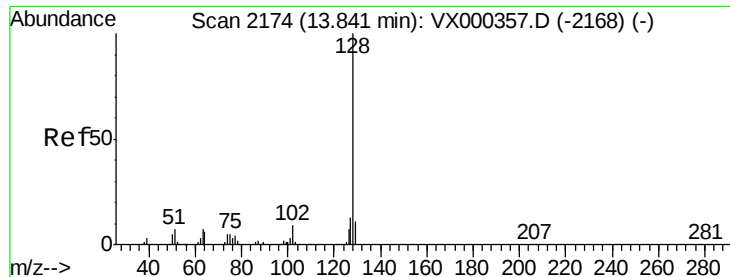
Tgt Ion:180 Resp: 67692
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 22.77 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000483.D
 Acq: 28 Mar 2018 12:53

Tgt Ion:225 Resp: 29885
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.0 96.0
 227 64.0 32.6 98.0





#95

Naphthalene

Concen: 21.27 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

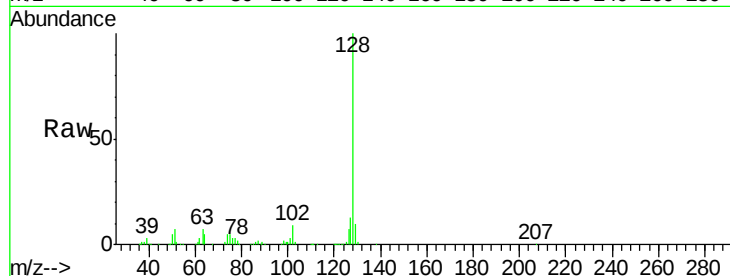
Tgt Ion:128 Resp: 234904

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

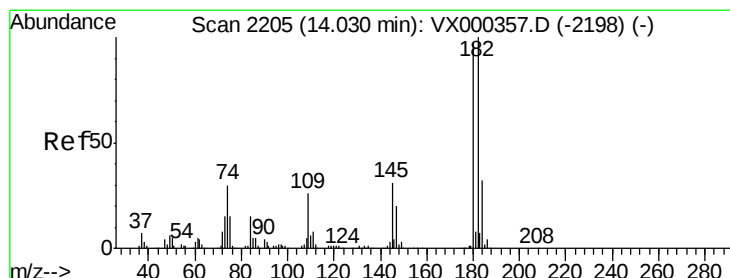
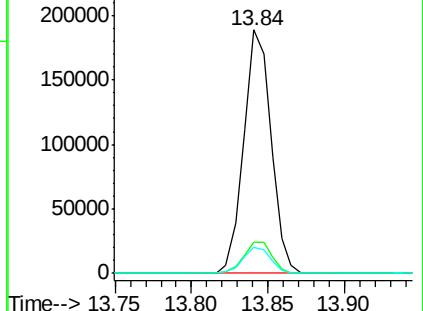
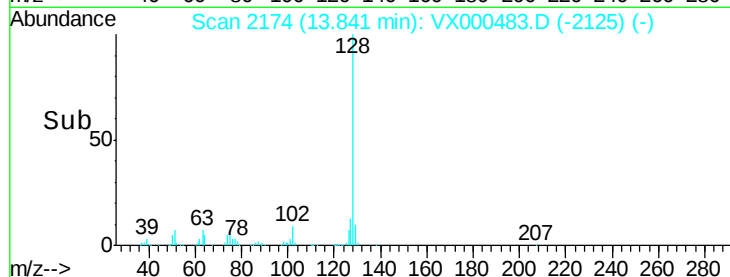
129 10.8 8.9 13.3



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: 22.12 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000483.D

Acq: 28 Mar 2018 12:53

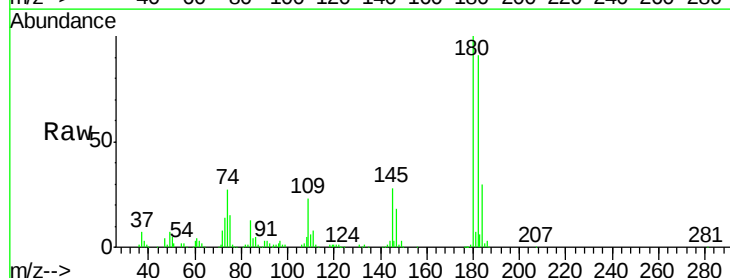
Tgt Ion:180 Resp: 69296

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 30.1 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

