

Data File : VX001287.D

Acq On : 01 May 2018 20:19

Operator : JC/MD

Sample : VX0501WBSD02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Quant Time: May 02 02:06:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	253382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	122332	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	103407	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	382196	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	144658	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46595	21.88	ug/l	99
3) Chloromethane	1.32	50	42341	20.25	ug/l	98
4) Vinyl Chloride	1.40	62	46928	21.32	ug/l	100
5) Bromomethane	1.64	94	37818	22.15	ug/l	100
6) Chloroethane	1.73	64	29712	21.35	ug/l	98
7) Trichlorofluoromethane	1.93	101	80150	21.57	ug/l	99
8) Diethyl Ether	2.19	74	27153	21.29	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45455	21.22	ug/l	98
10) Methyl Iodide	2.51	142	39562	19.81	ug/l	99
11) Tert butyl alcohol	3.09	59	60581	132.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39886	20.65	ug/l	93
13) Acrolein	2.30	56	23994	90.88	ug/l	99
14) Allyl chloride	2.73	41	73555	21.77	ug/l	99
15) Acrylonitrile	3.15	53	122649	115.40	ug/l	99
16) Acetone	2.45	43	132635	116.58	ug/l	99
17) Carbon Disulfide	2.57	76	96746	19.23	ug/l	98
18) Methyl Acetate	2.78	43	64591	24.04	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	143151	21.76	ug/l	98
20) Methylene Chloride	2.86	84	46437	21.72	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	43561	20.72	ug/l	98
22) Diisopropyl ether	3.88	45	129587	19.91	ug/l	98
23) Vinyl Acetate	3.83	43	562266	101.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79678	21.98	ug/l	98
25) 2-Butanone	4.72	43	172780	112.32	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57053	19.34	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46592	20.17	ug/l	97
28) Bromochloromethane	5.03	49	37061	22.74	ug/l	99
29) Tetrahydrofuran	5.18	42	105851	111.88	ug/l	98
30) Chloroform	5.23	83	77175	20.14	ug/l	96
31) Cyclohexane	5.58	56	62789	19.18	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	67372	20.12	ug/l	100
36) 1,1-Dichloropropene	5.81	75	56100	19.18	ug/l	99
37) Ethyl Acetate	4.87	43	62850	21.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	59907	19.55	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Quant Time: May 02 02:06:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65674	18.99	ug/l	99
40) Benzene	6.15	78	166217	19.76	ug/l	100
41) Methacrylonitrile	5.08	41	36212	21.06	ug/l	98
42) 1,2-Dichloroethane	6.21	62	64588	19.83	ug/l	98
43) Isopropyl Acetate	6.48	43	100280	20.98	ug/l	99
44) Trichloroethene	7.22	130	51117	19.85	ug/l	98
45) 1,2-Dichloropropane	7.52	63	42561	19.70	ug/l	99
46) Dibromomethane	7.67	93	29730	19.63	ug/l	99
47) Bromodichloromethane	7.91	83	53459	19.74	ug/l	97
48) Methyl methacrylate	7.79	41	51714	20.35	ug/l	98
49) 1,4-Dioxane	7.76	88	23859	497.49	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	340203	110.38	ug/l	100
52) Toluene	8.79	92	108909	19.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	62735	19.48	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	57917	19.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	45843	20.64	ug/l	99
56) Ethyl methacrylate	9.19	69	63796	20.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	73158	20.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	156886	105.65	ug/l	100
59) 2-Hexanone	9.51	43	265846	110.36	ug/l	100
60) Dibromochloromethane	9.59	129	45079	19.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	48513	20.61	ug/l	99
64) Tetrachloroethene	9.34	164	59288	20.78	ug/l	98
65) Chlorobenzene	10.14	112	128285	19.59	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	46402	20.41	ug/l	99
67) Ethyl Benzene	10.26	91	210107	19.47	ug/l	100
68) m/p-Xylenes	10.37	106	168274	39.62	ug/l	98
69) o-Xylene	10.70	106	80053	19.44	ug/l	99
70) Styrene	10.72	104	131655	19.54	ug/l	98
71) Bromoform	10.87	173	36096	19.07	ug/l	# 100
73) Isopropylbenzene	11.02	105	216504	20.04	ug/l	100
74) N-amyl acetate	6.48	43	100280	21.64	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67996	21.01	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73880	24.74	ug/l	91
77) Bromobenzene	11.26	156	62774	20.14	ug/l	100
78) n-propylbenzene	11.37	91	241747	20.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	146192	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	183928	20.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14512	18.74	ug/l	91
82) 4-Chlorotoluene	11.52	91	172749	19.82	ug/l	100
83) tert-Butylbenzene	11.77	119	185115	20.46	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	191978	20.65	ug/l	100
85) sec-Butylbenzene	11.95	105	221832	20.49	ug/l	100
86) p-Isopropyltoluene	12.07	119	202448	20.39	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	113982	19.59	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	115103	19.19	ug/l	99
89) n-Butylbenzene	12.39	91	168843	19.48	ug/l	100
90) Hexachloroethane	12.60	117	27751	19.30	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	114556	19.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14366	21.96	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

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Sample : VX0501WBSD02
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Quant Time: May 02 02:06:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

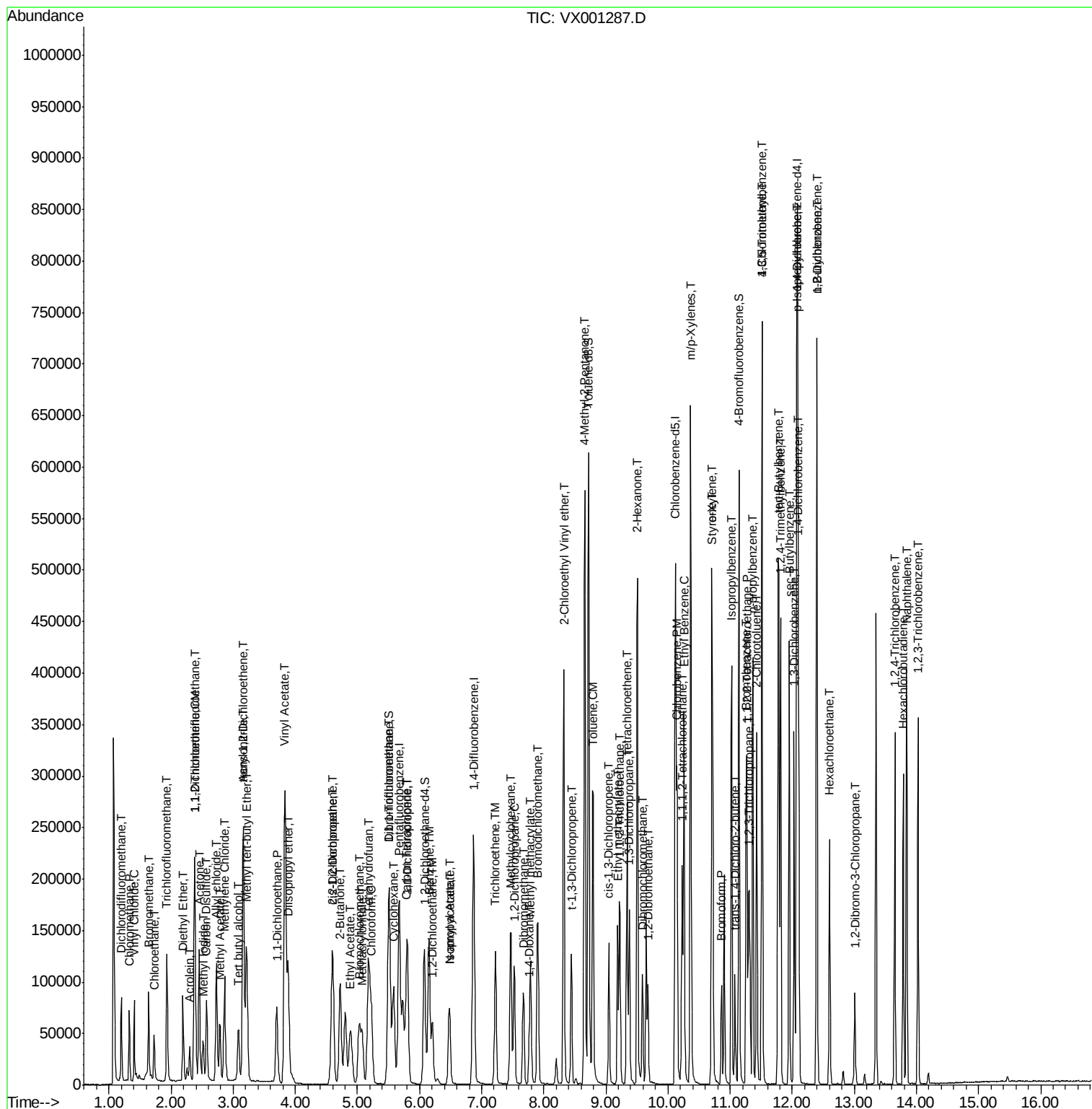
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87848	18.86	ug/l	99
94) Hexachlorobutadiene	13.79	225	47478	19.48	ug/l	99
95) Naphthalene	13.84	128	249676	21.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90121	19.71	ug/l	99

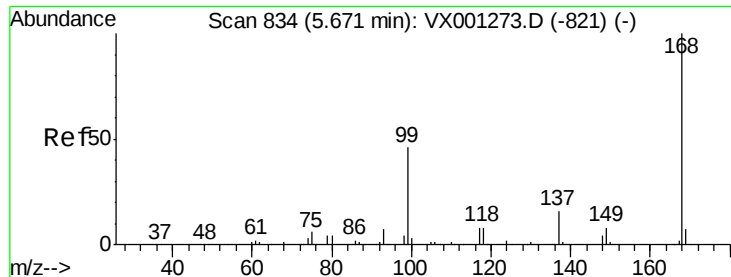
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 20 Sample Multiplier: 1

VX0501WBSD02

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

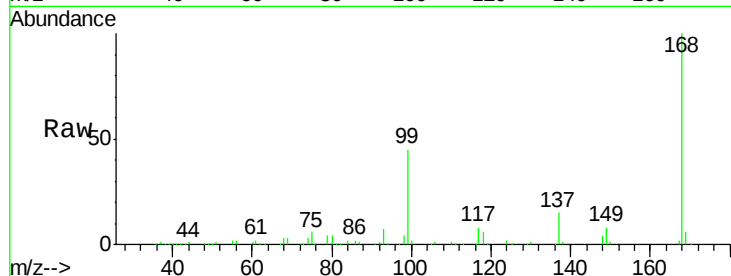
VX0501WBSD02

Tgt Ion:168 Resp: 192544

Ion Ratio Lower Upper

168 100

99 45.0 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

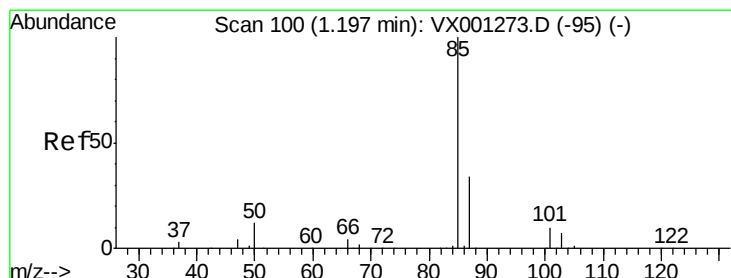
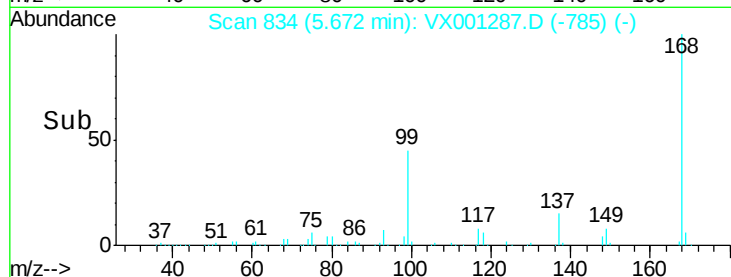
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 21.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001287.D

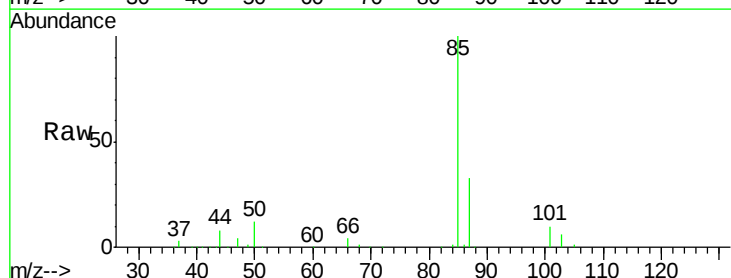
Acq: 01 May 2018 20:19

Tgt Ion: 85 Resp: 46595

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

0

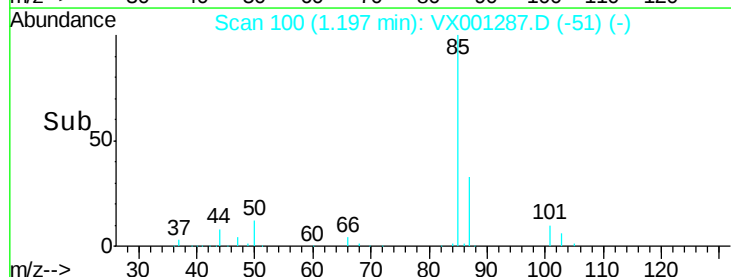
Time-->

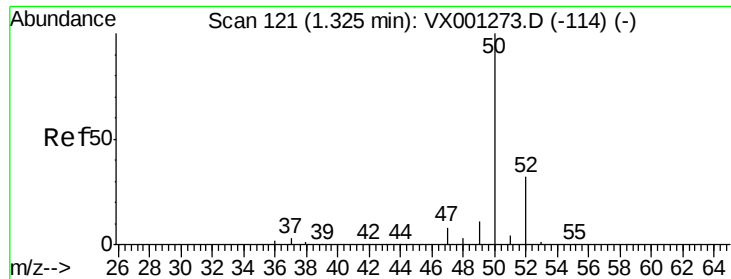
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 20.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

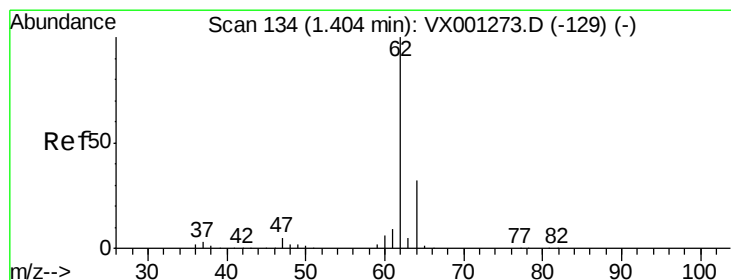
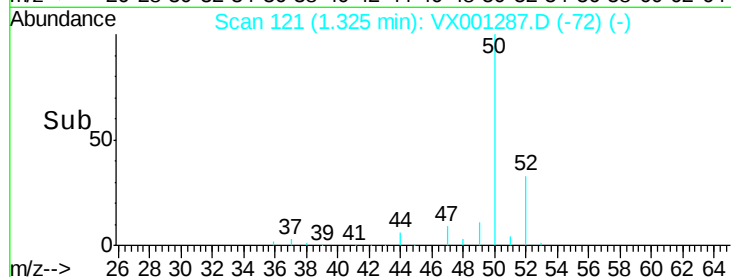
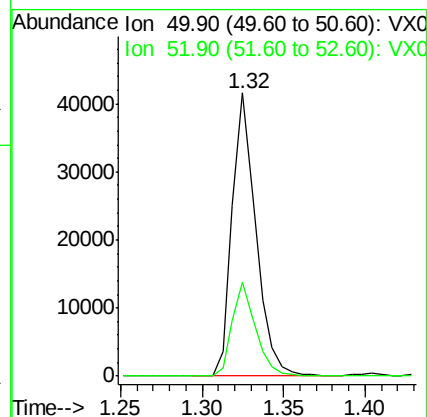
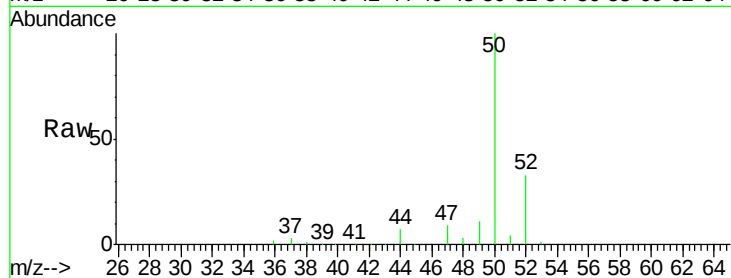
VX0501WBSD02

Tgt Ion: 50 Resp: 42341

Ion Ratio Lower Upper

50 100

52 33.3 25.7 38.5



#4

Vinyl Chloride

Concen: 21.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001287.D

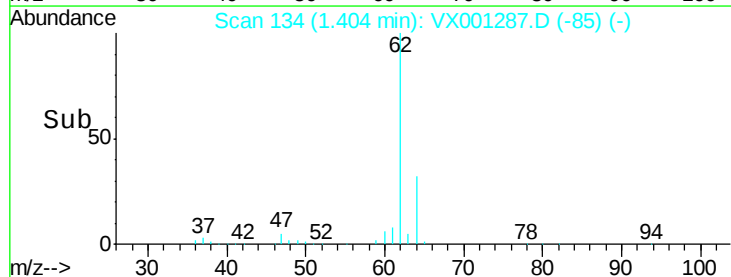
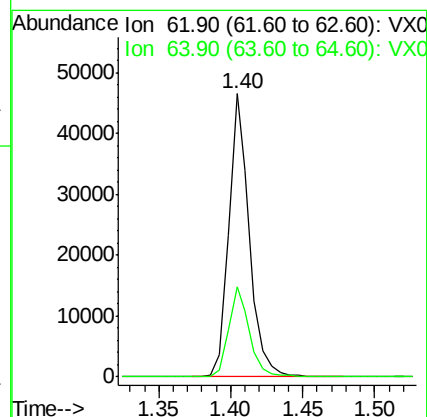
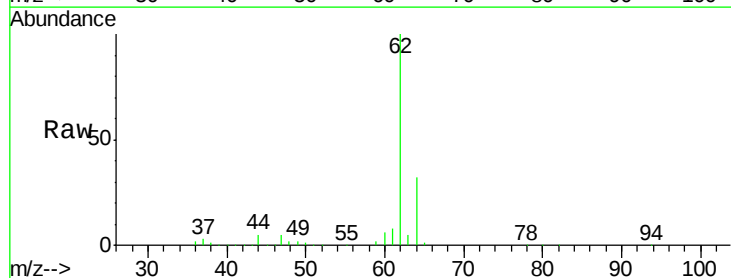
Acq: 01 May 2018 20:19

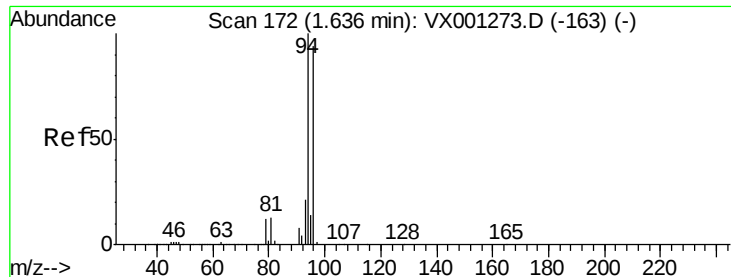
Tgt Ion: 62 Resp: 46928

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 22.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

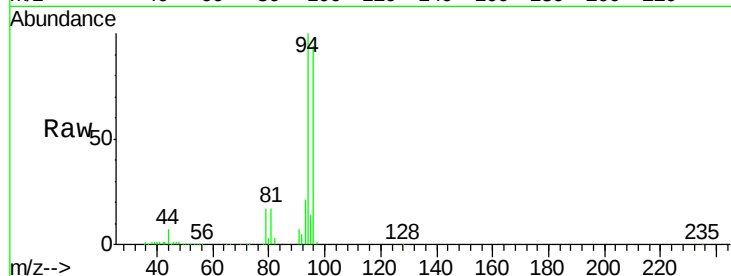
VX0501WBSD02

Tgt Ion: 94 Resp: 37818

Ion Ratio Lower Upper

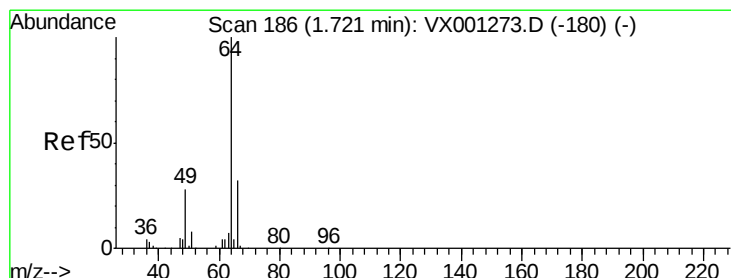
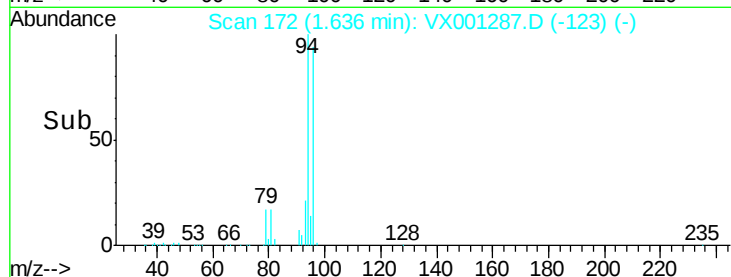
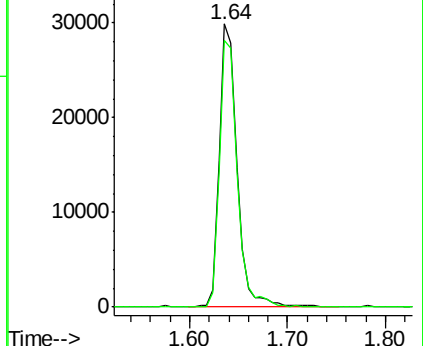
94 100

96 94.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.35 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001287.D

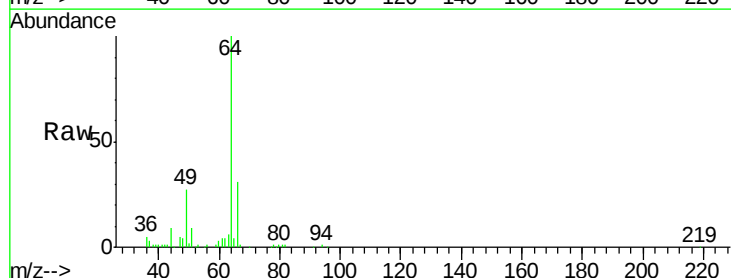
Acq: 01 May 2018 20:19

Tgt Ion: 64 Resp: 29712

Ion Ratio Lower Upper

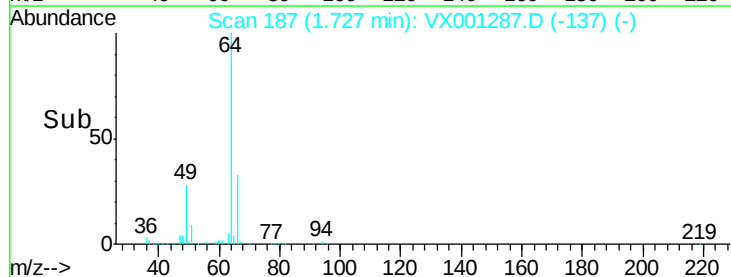
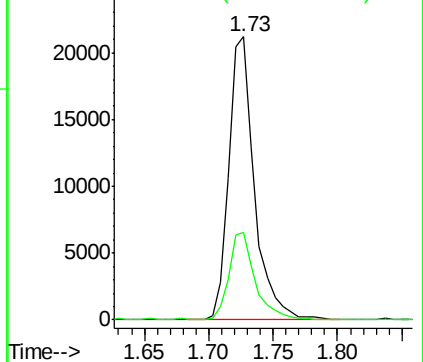
64 100

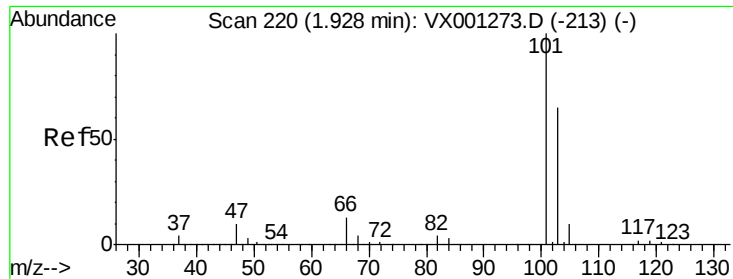
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 21.57 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

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ClientSampleId :

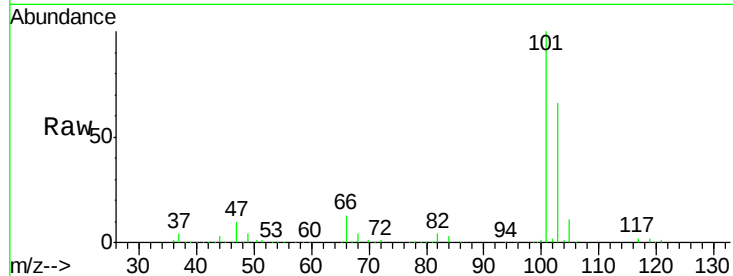
VX0501WBSD02

Tgt Ion:101 Resp: 80150

Ion Ratio Lower Upper

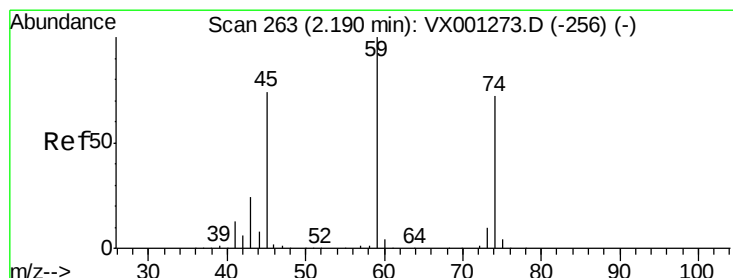
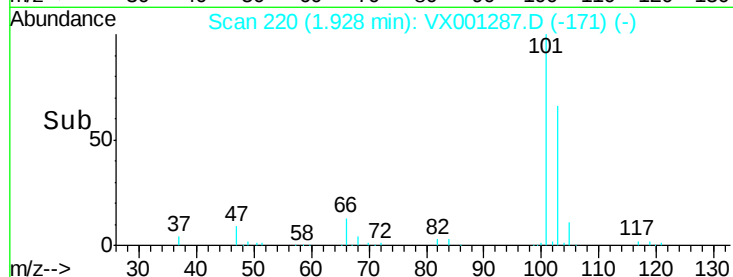
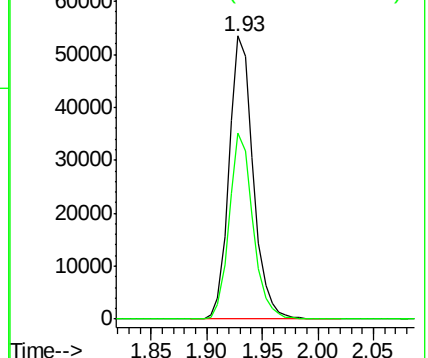
101 100

103 65.6 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.29 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001287.D

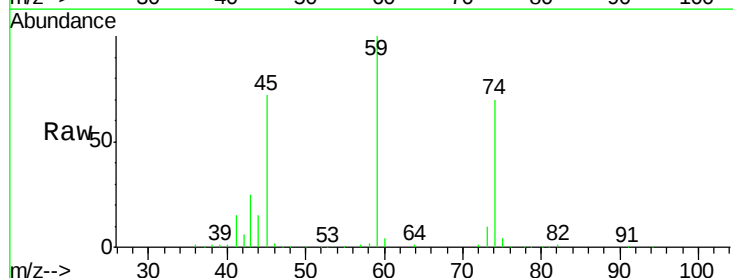
Acq: 01 May 2018 20:19

Tgt Ion: 74 Resp: 27153

Ion Ratio Lower Upper

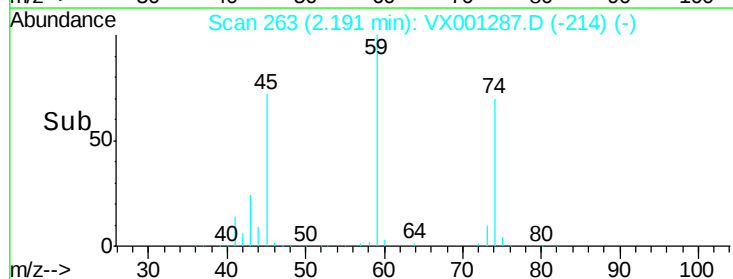
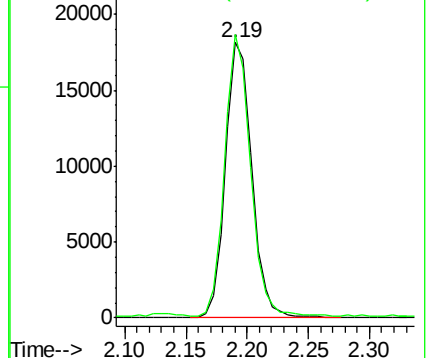
74 100

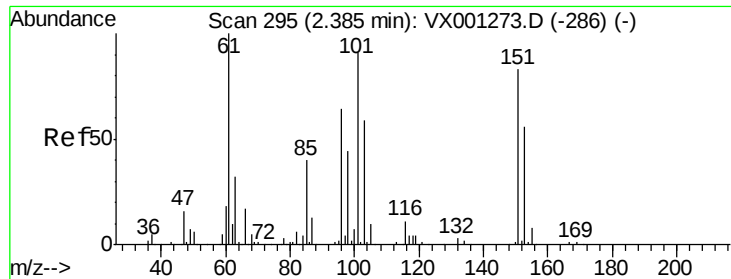
45 99.5 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001287.D

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MSVOA_X

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VX0501WBSD02

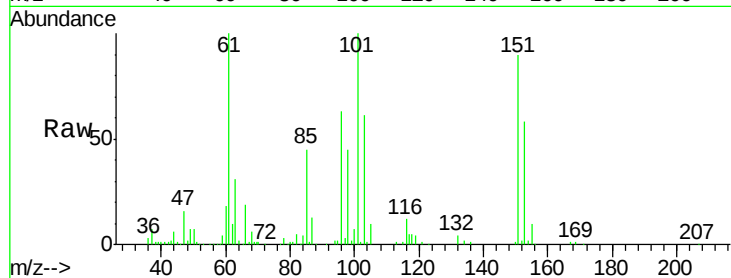
Tgt Ion:101 Resp: 45455

Ion Ratio Lower Upper

101 100

85 44.1 35.6 53.4

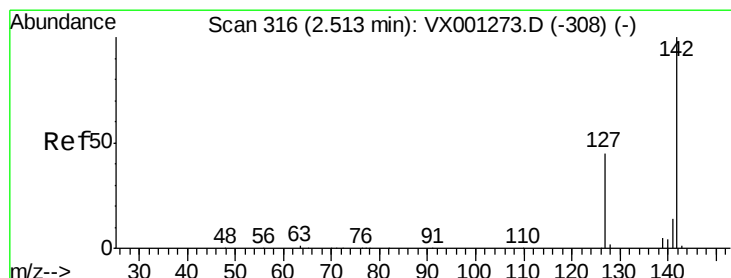
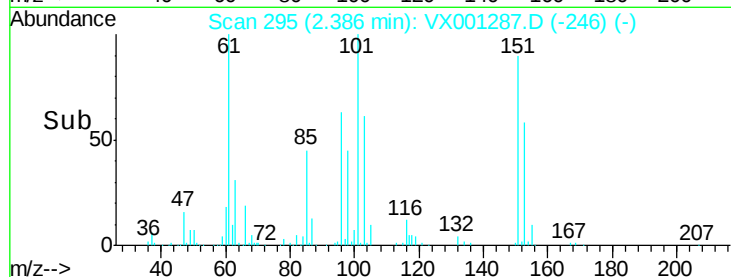
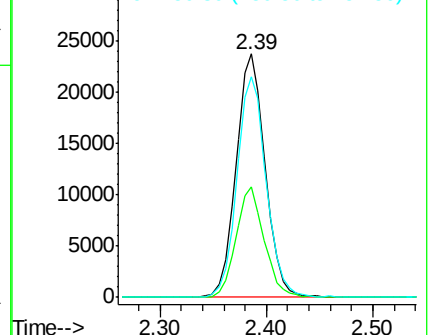
151 91.0 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.81 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

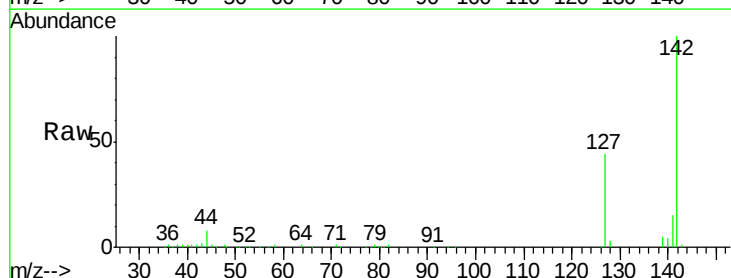
Tgt Ion:142 Resp: 39562

Ion Ratio Lower Upper

142 100

127 44.3 35.7 53.5

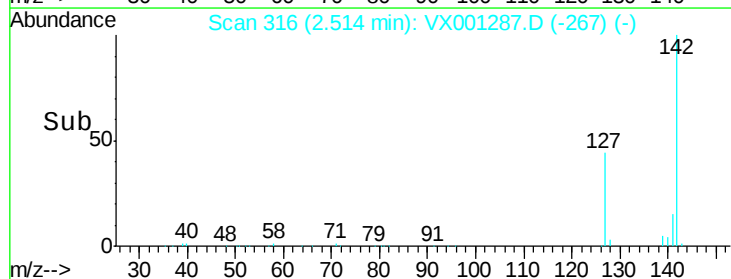
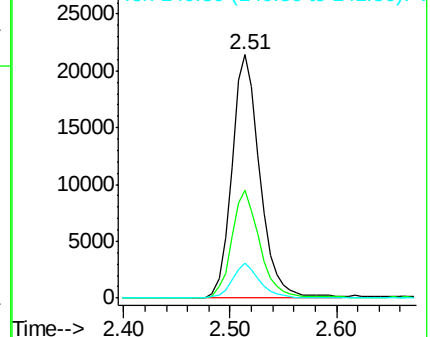
141 13.8 11.4 17.0

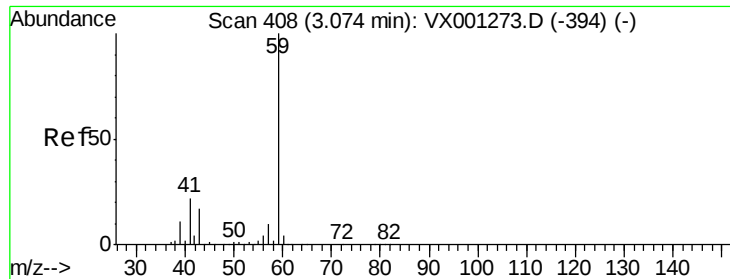


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

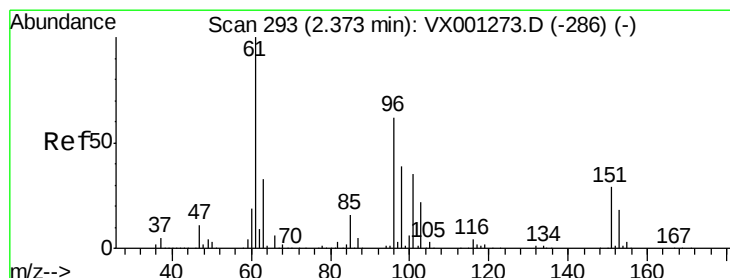
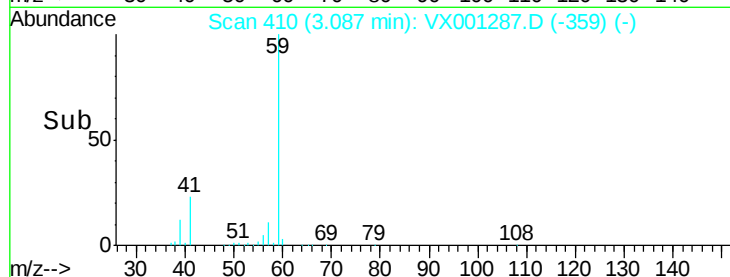
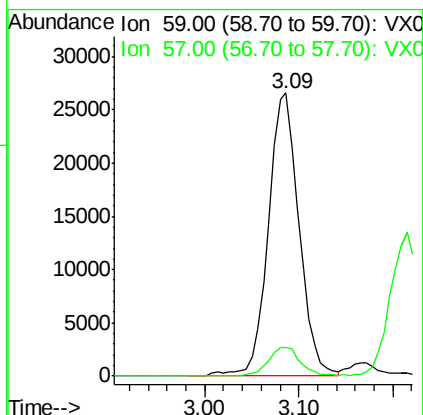
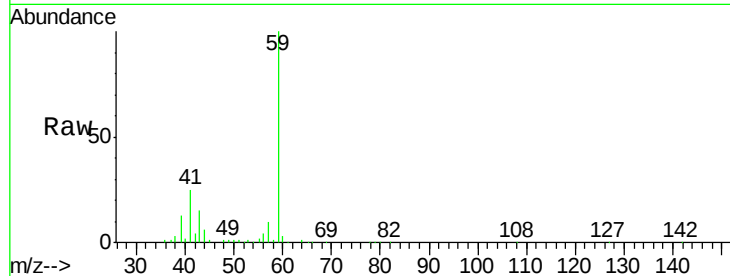




#11
Tert butyl alcohol
Concen: 132.11 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

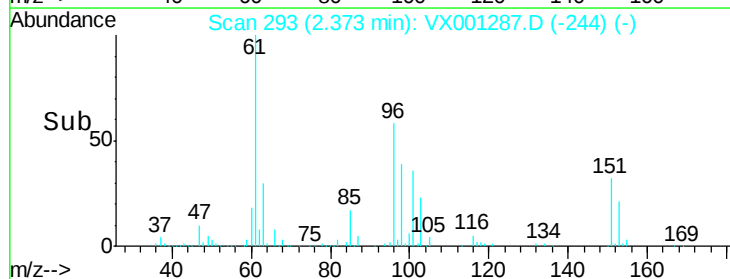
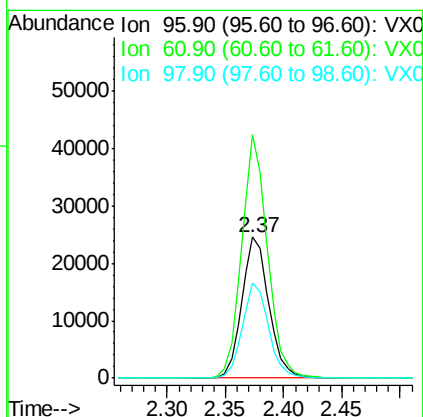
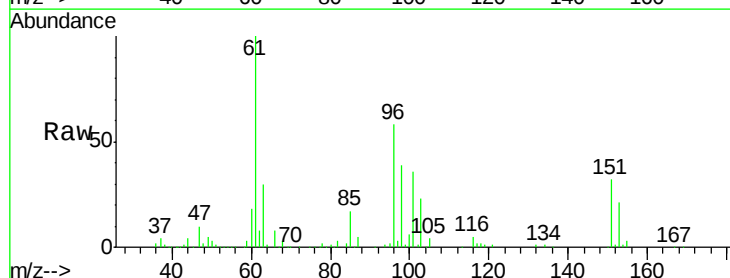
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

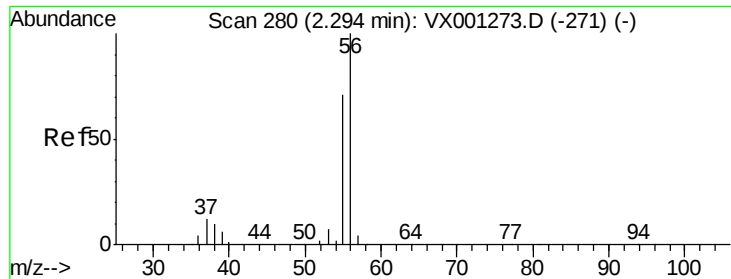
Tgt Ion: 59 Resp: 60581
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 96 Resp: 39886
Ion Ratio Lower Upper
96 100
61 172.8 130.1 195.1
98 67.8 50.3 75.5

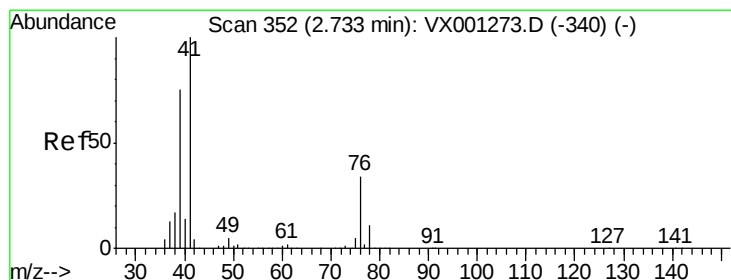
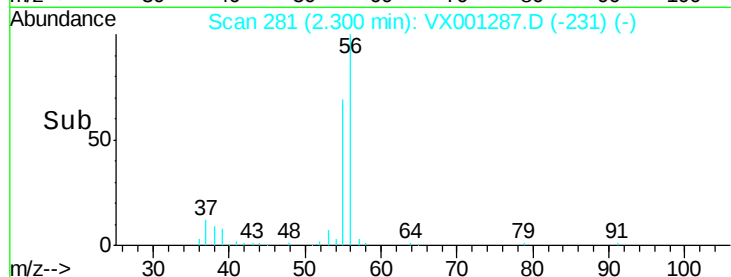
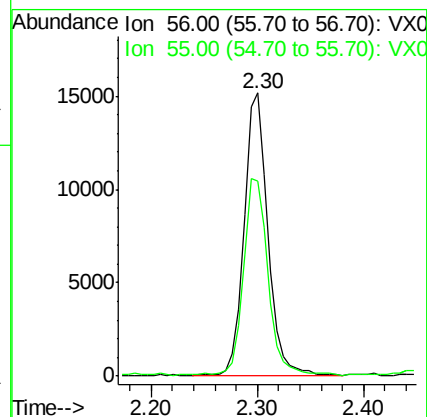
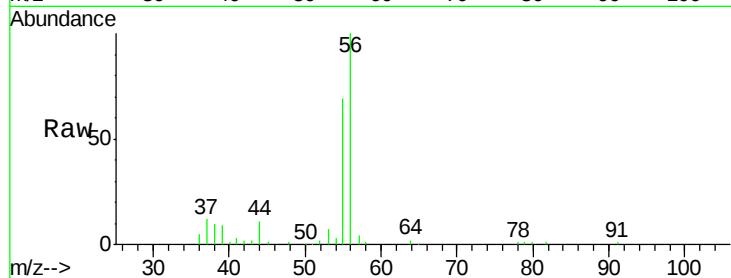




#13
 Acrolein
 Concen: 90.88 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

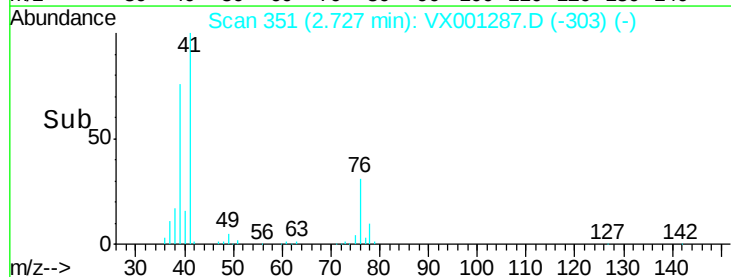
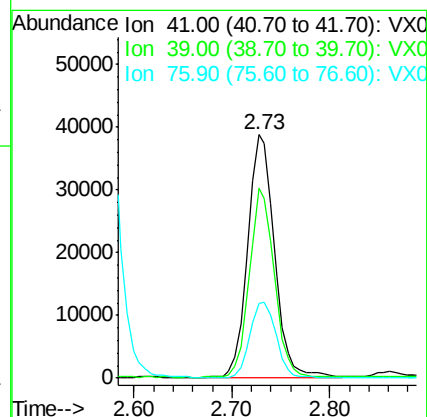
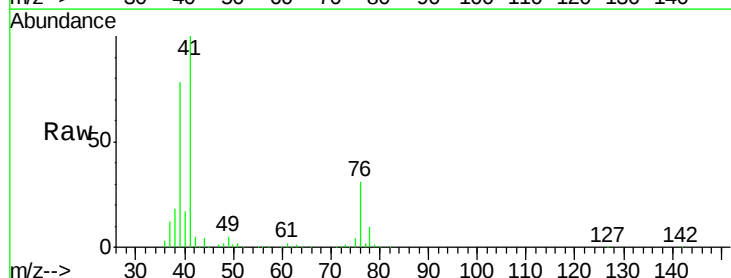
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

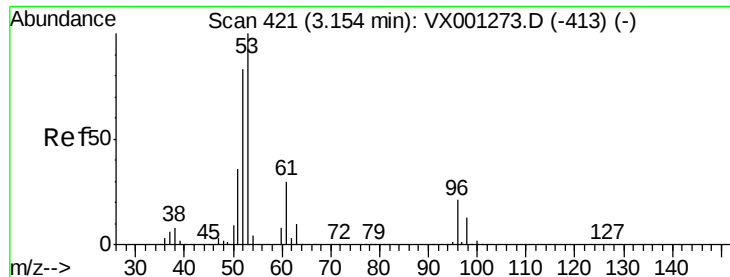
Tgt Ion: 56 Resp: 23994
 Ion Ratio Lower Upper
 56 100
 55 70.8 57.2 85.8



#14
 Allyl chloride
 Concen: 21.77 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 41 Resp: 73555
 Ion Ratio Lower Upper
 41 100
 39 72.0 58.1 87.1
 76 31.2 25.1 37.7





#15

Acrylonitrile

Concen: 115.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

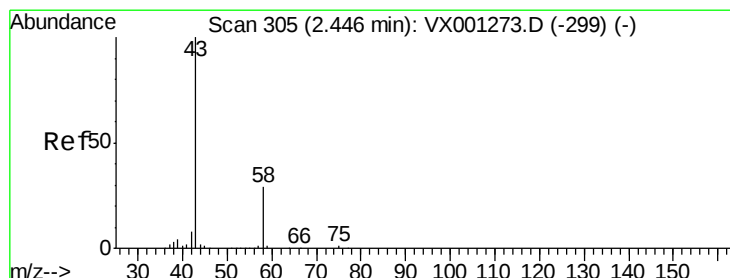
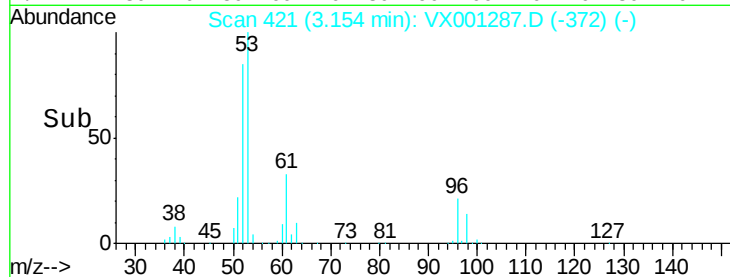
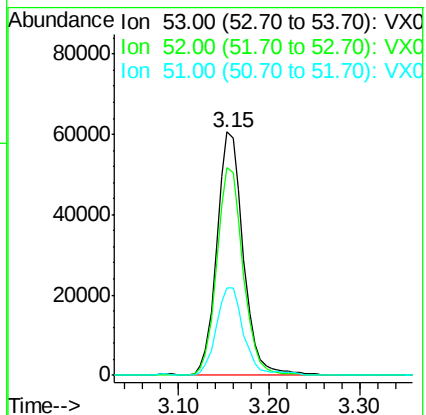
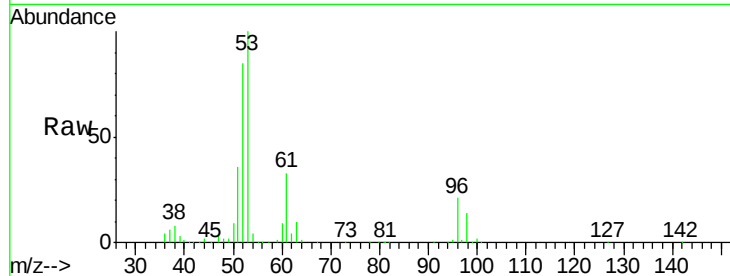
Tgt Ion: 53 Resp: 122649

Ion Ratio Lower Upper

53 100

52 85.1 67.0 100.4

51 37.7 29.9 44.9



#16

Acetone

Concen: 116.58 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001287.D

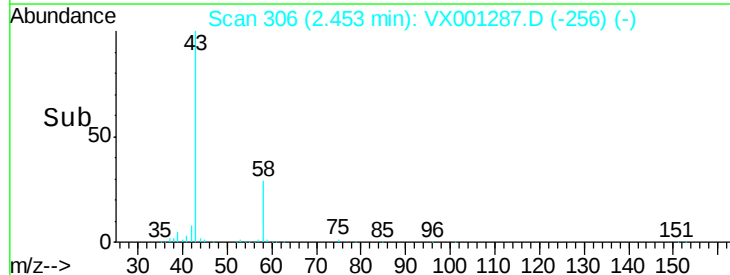
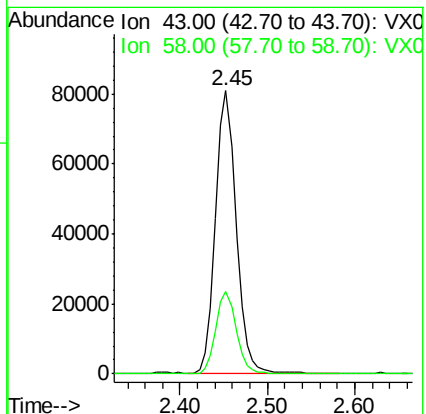
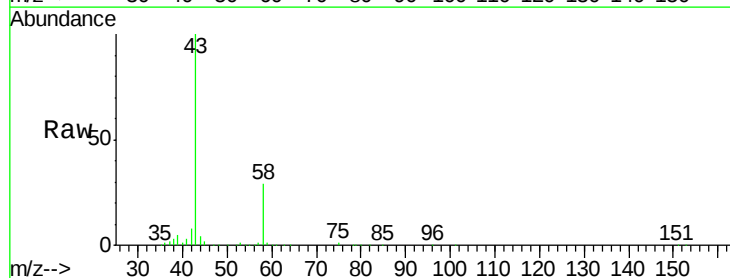
Acq: 01 May 2018 20:19

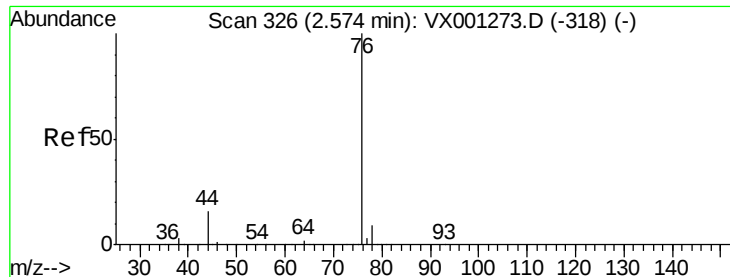
Tgt Ion: 43 Resp: 132635

Ion Ratio Lower Upper

43 100

58 29.0 22.8 34.2

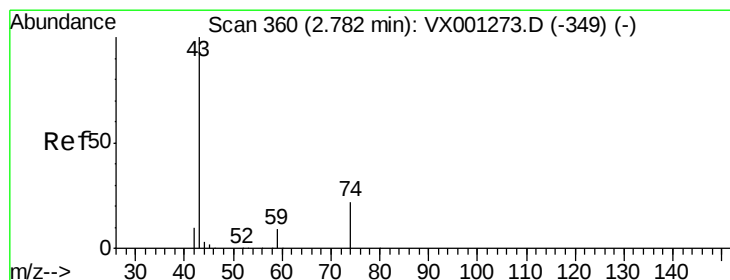
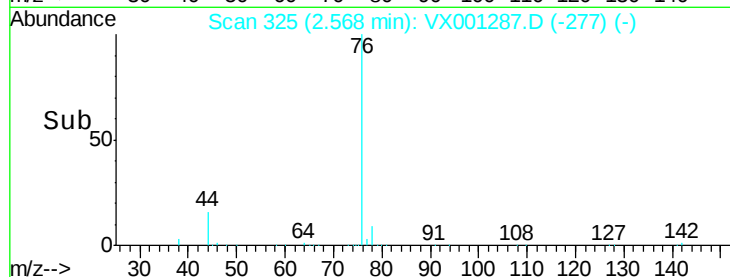
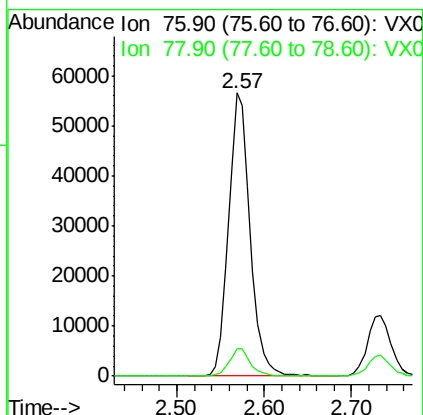
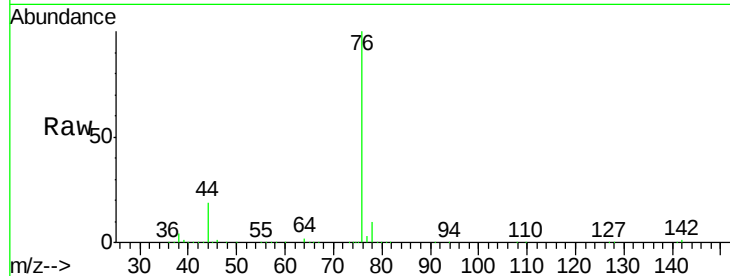




#17
Carbon Disulfide
Concen: 19.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

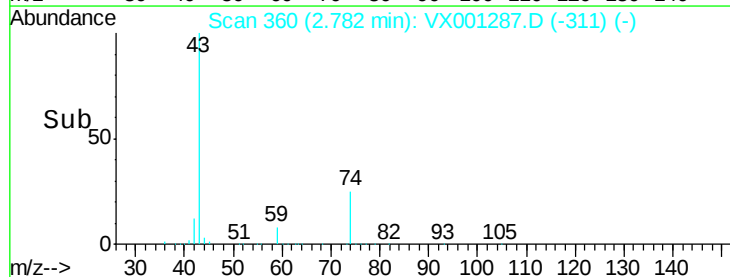
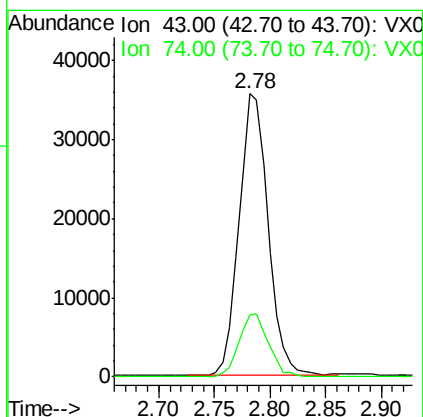
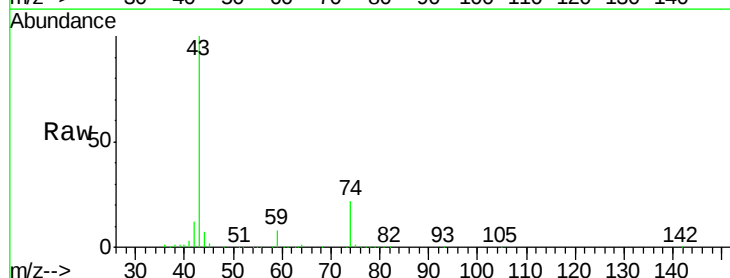
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

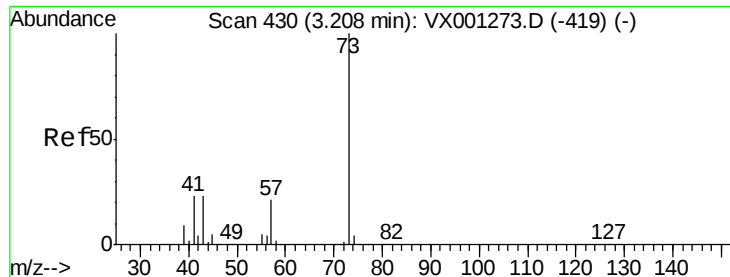
Tgt Ion: 76 Resp: 96746
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 24.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 43 Resp: 64591
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.6

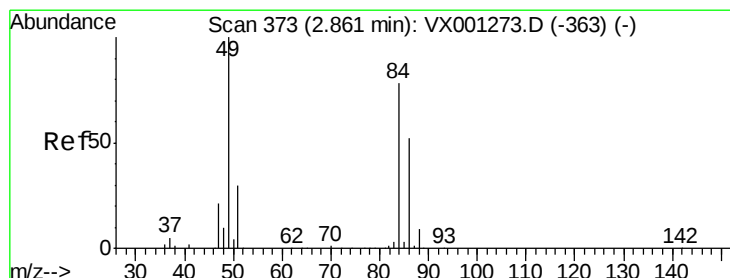
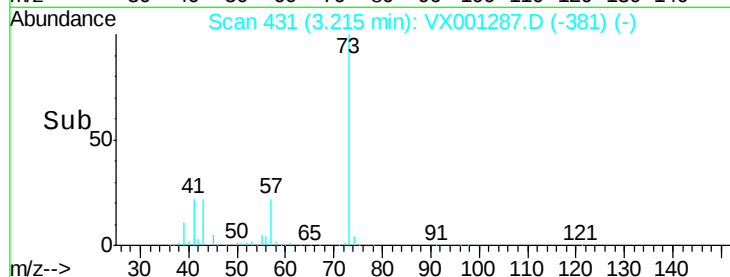
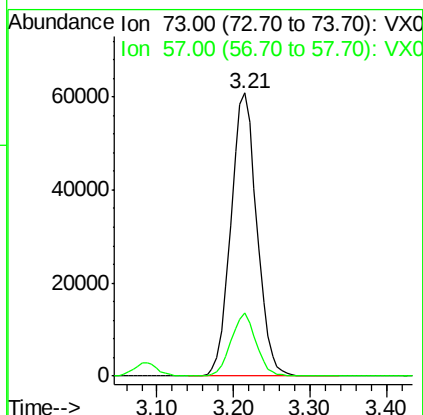
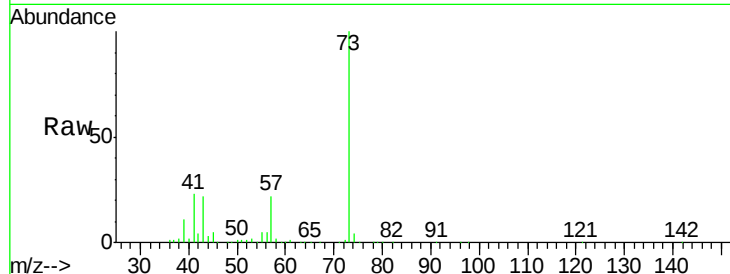




#19
Methyl tert-butyl Ether
Concen: 21.76 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

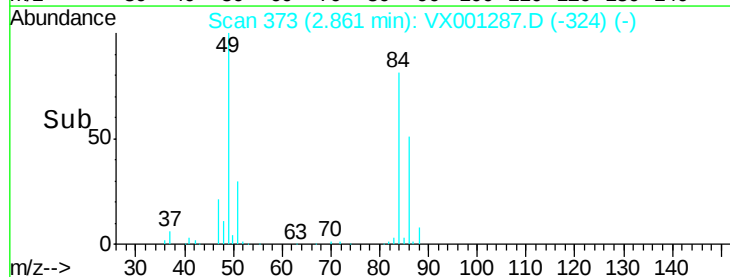
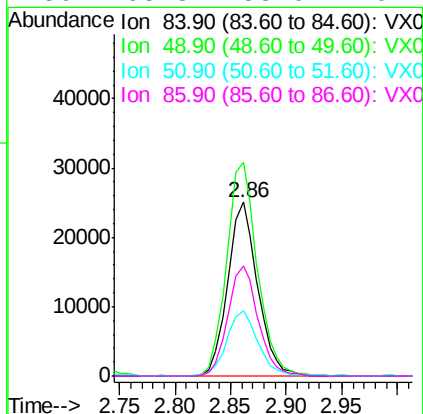
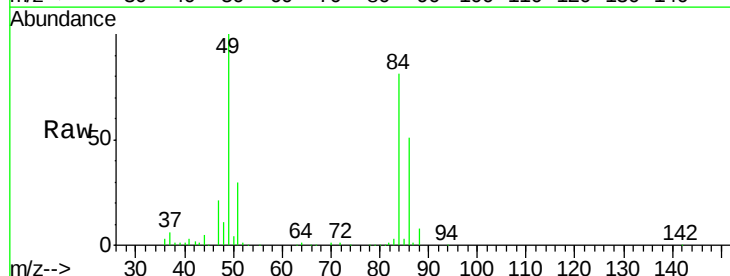
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

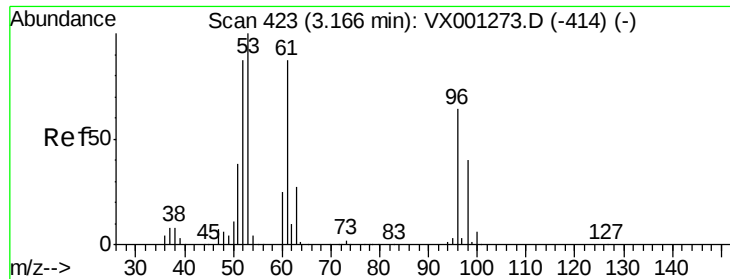
Tgt Ion: 73 Resp: 143151
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



#20
Methylene Chloride
Concen: 21.72 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 84 Resp: 46437
Ion Ratio Lower Upper
84 100
49 122.9 102.8 154.2
51 36.9 30.9 46.3
86 63.3 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 20.72 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

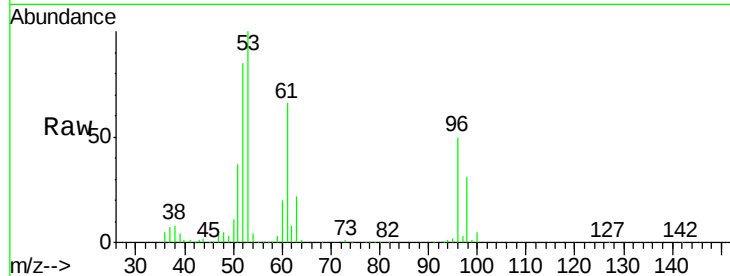
Tgt Ion: 96 Resp: 43561

Ion Ratio Lower Upper

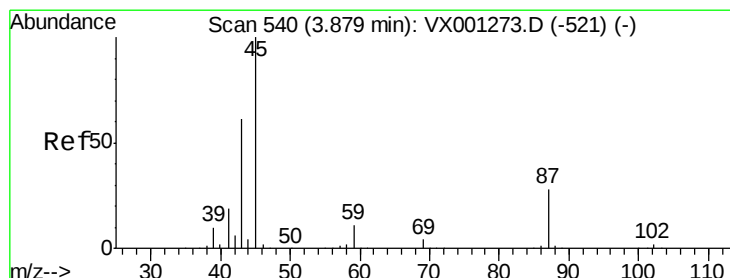
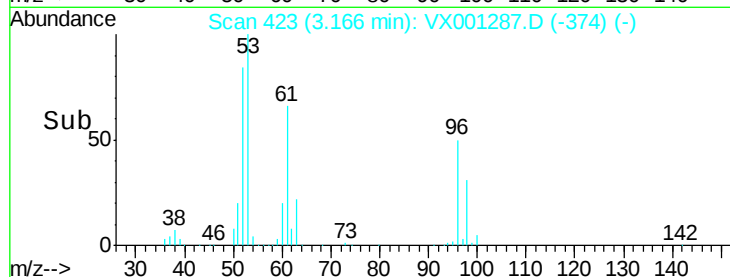
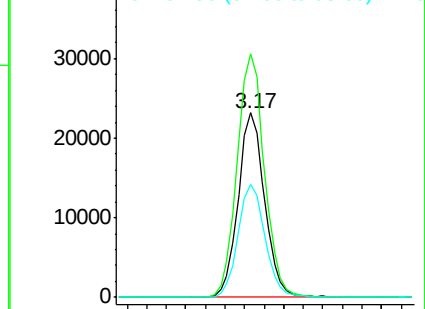
96 100

61 132.1 108.6 162.8

98 61.7 49.7 74.5



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



#22

Diisopropyl ether

Concen: 19.91 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion: 45 Resp: 129587

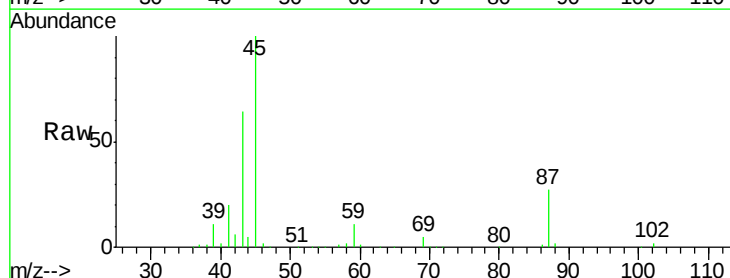
Ion Ratio Lower Upper

45 100

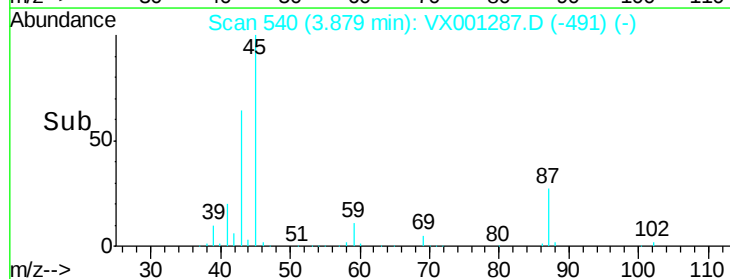
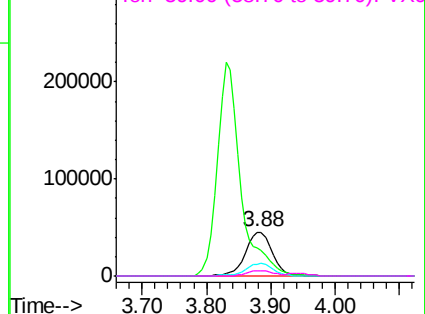
43 63.5 48.7 73.1

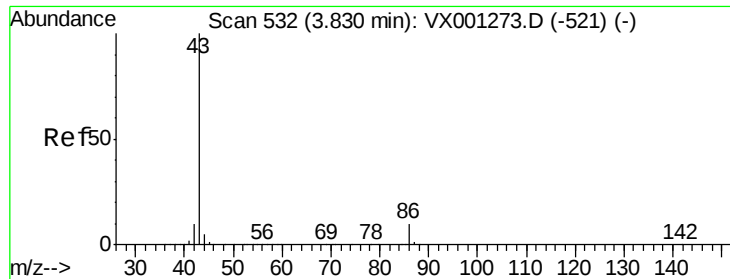
87 27.2 22.2 33.4

59 11.4 9.1 13.7



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





#23

Vinyl Acetate

Concen: 101.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

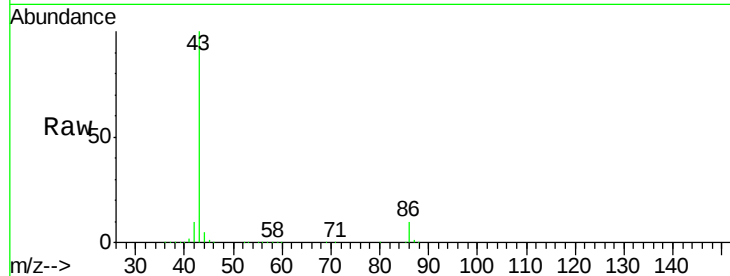
VX0501WBSD02

Tgt Ion: 43 Resp: 562266

Ion Ratio Lower Upper

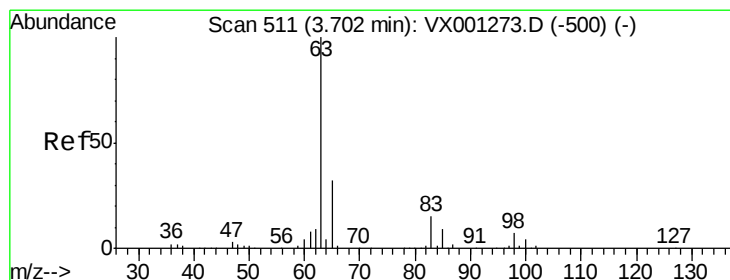
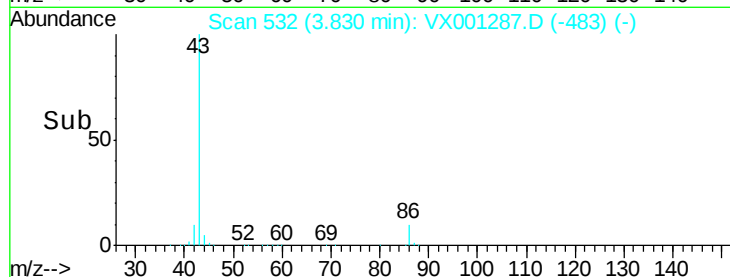
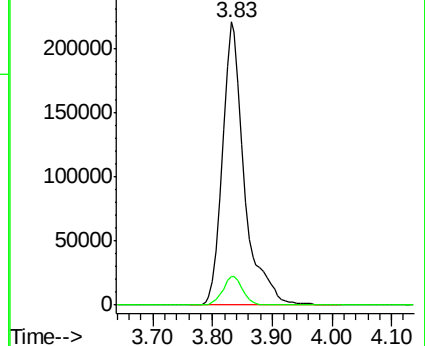
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.98 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

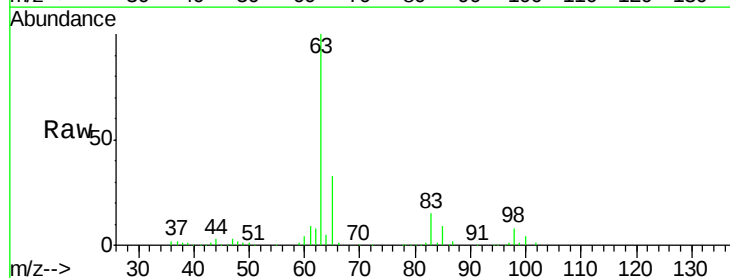
Tgt Ion: 63 Resp: 79678

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

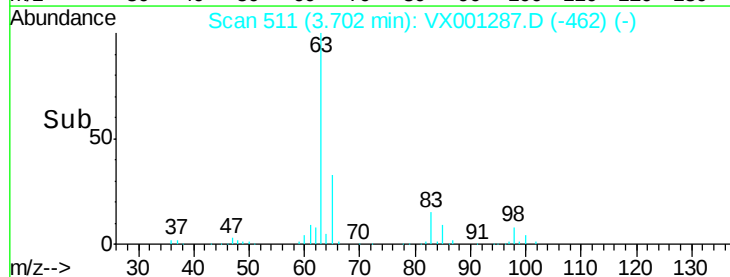
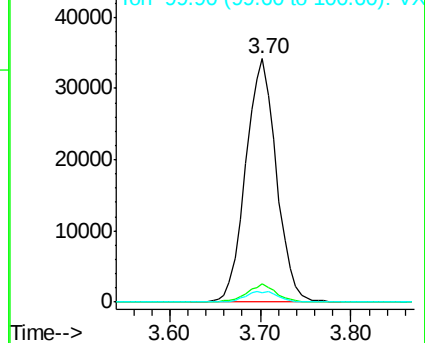
100 3.9 2.3 6.8

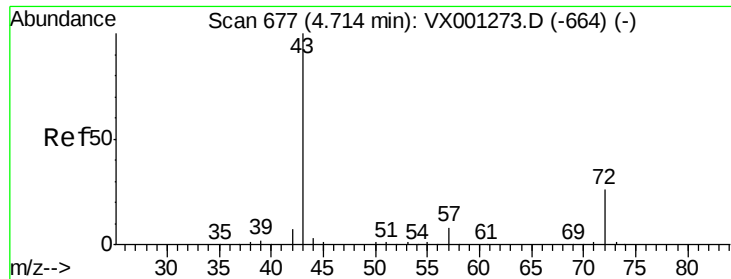


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 112.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

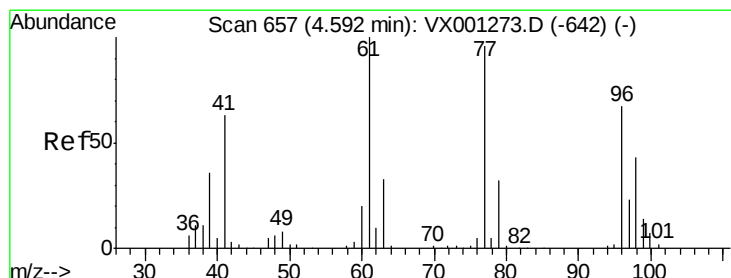
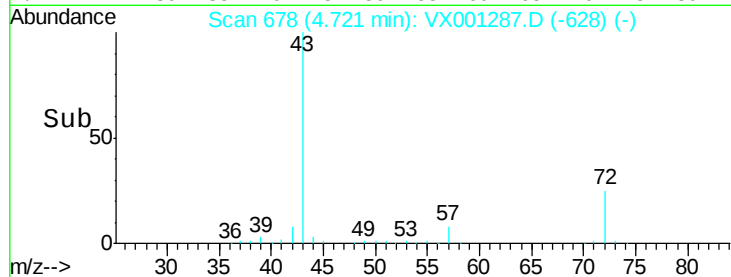
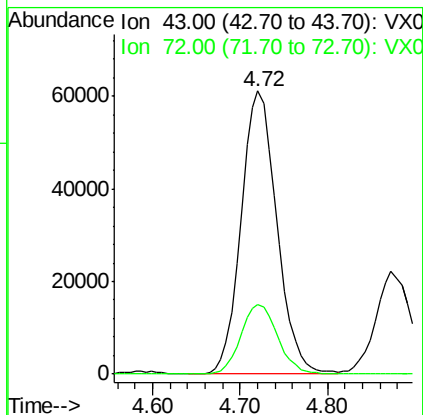
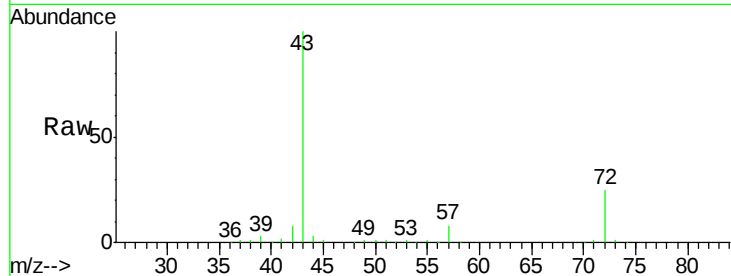
VX0501WBSD02

Tgt Ion: 43 Resp: 172780

Ion Ratio Lower Upper

43 100

72 24.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.34 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001287.D

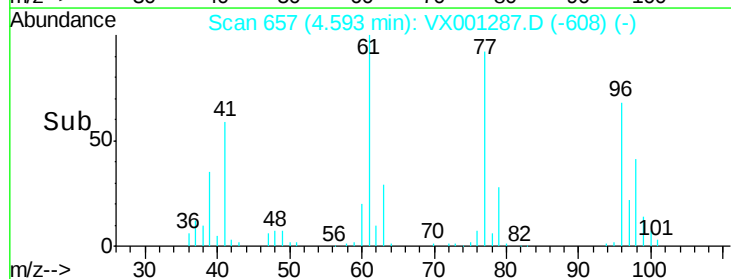
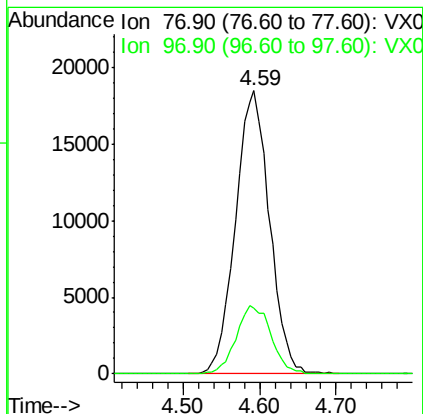
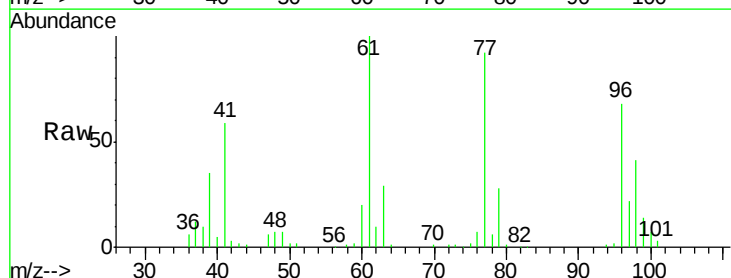
Acq: 01 May 2018 20:19

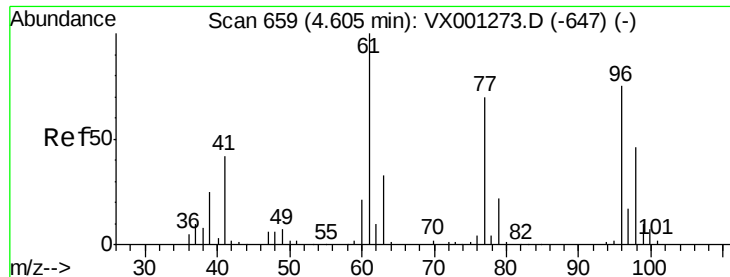
Tgt Ion: 77 Resp: 57053

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3



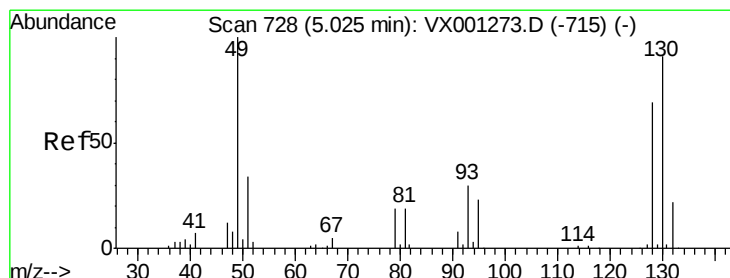
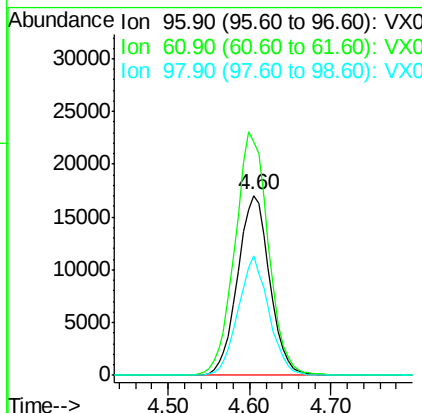
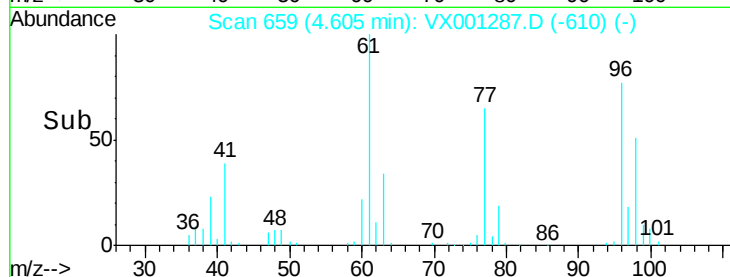
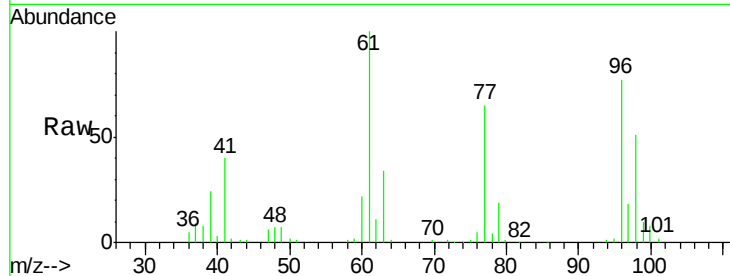


#27

cis-1,2-Dichloroethene
 Concen: 20.17 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

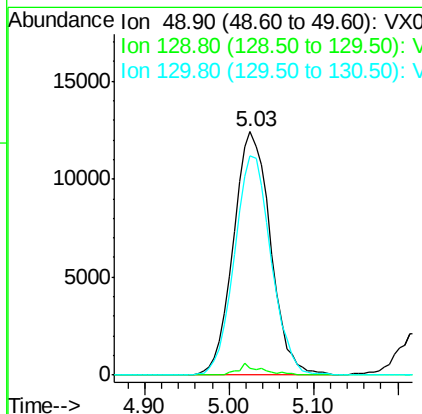
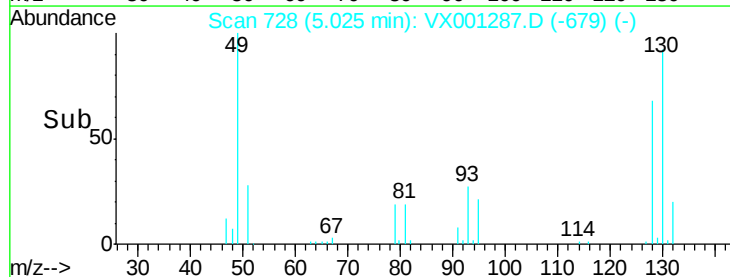
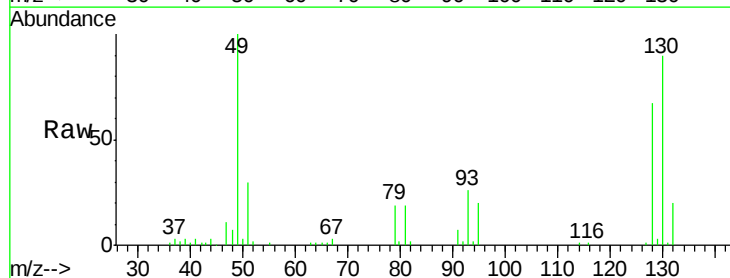
Tgt Ion: 96 Resp: 46592
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 288.0
 98 63.2 0.0 130.2

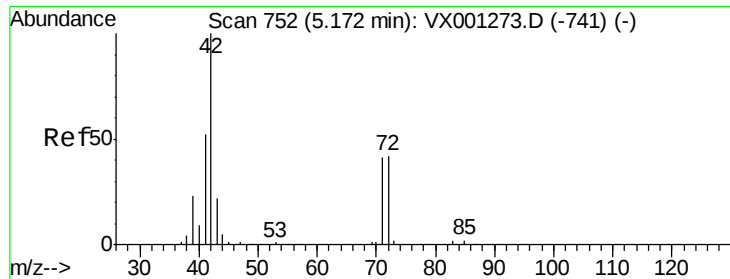


#28

Bromochloromethane
 Concen: 22.74 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 49 Resp: 37061
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 89.1 70.4 105.6

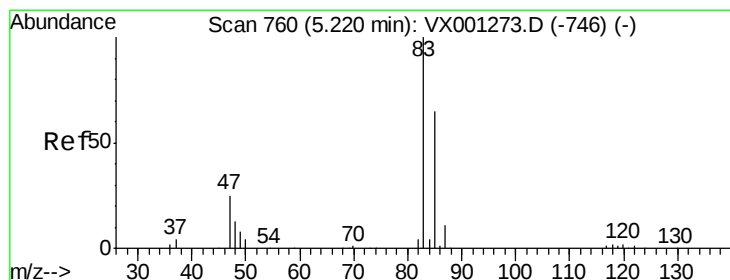
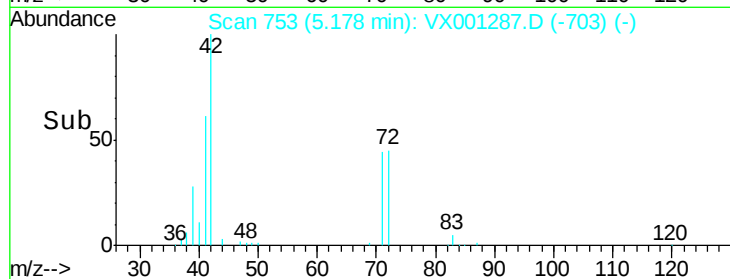
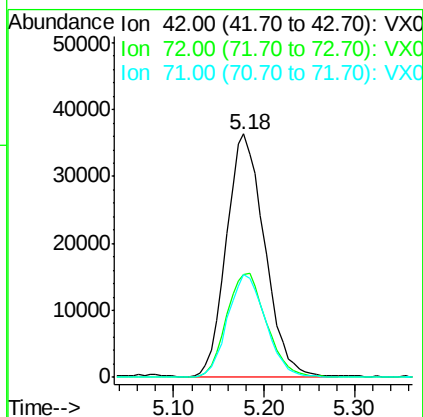
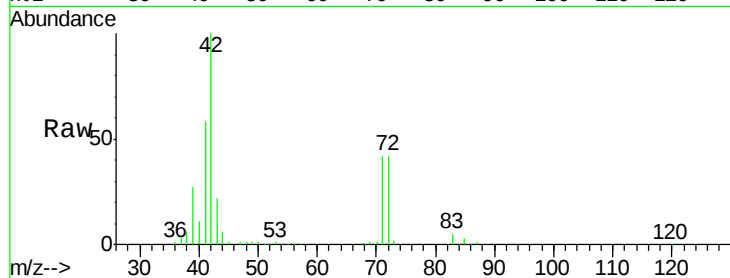




#29
Tetrahydrofuran
Concen: 111.88 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

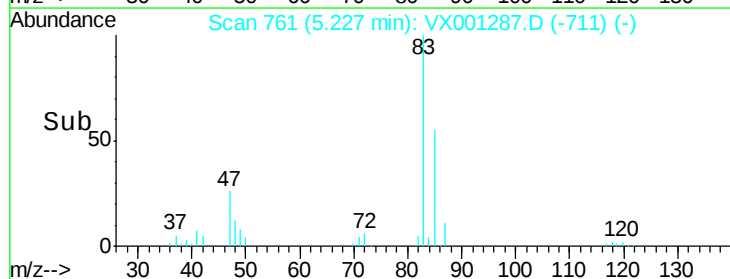
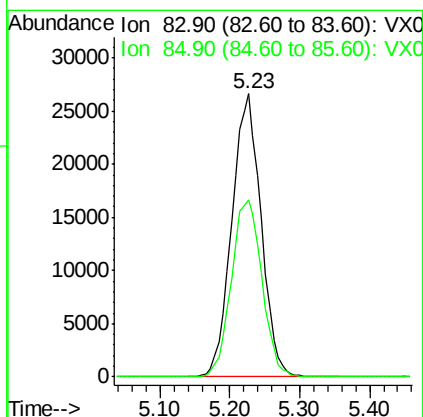
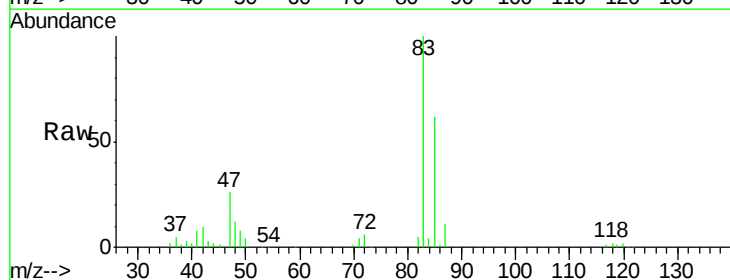
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

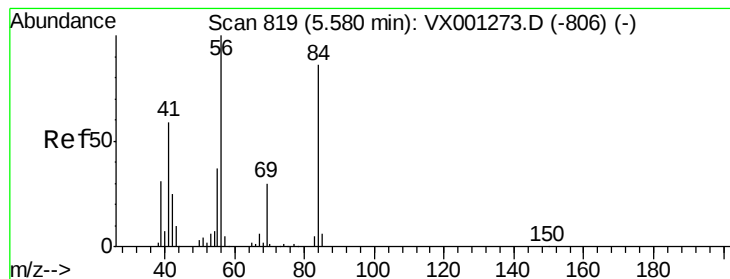
Tgt Ion: 42 Resp: 105851
Ion Ratio Lower Upper
42 100
72 44.9 34.6 52.0
71 42.5 32.7 49.1



#30
Chloroform
Concen: 20.14 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 83 Resp: 77175
Ion Ratio Lower Upper
83 100
85 62.4 52.2 78.2





#31

Cyclohexane

Concen: 19.18 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

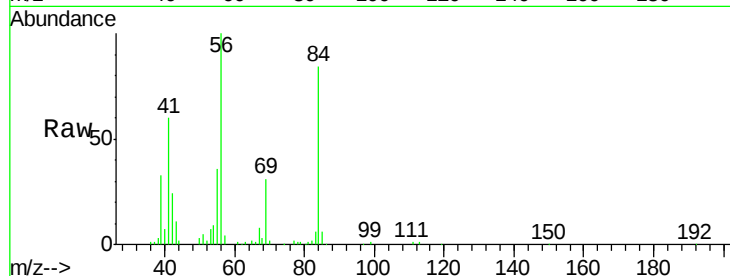
Tgt Ion: 56 Resp: 62789

Ion Ratio Lower Upper

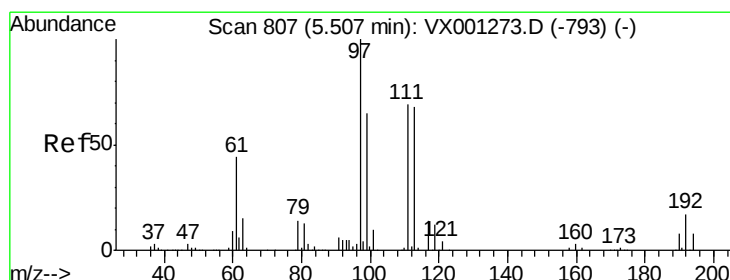
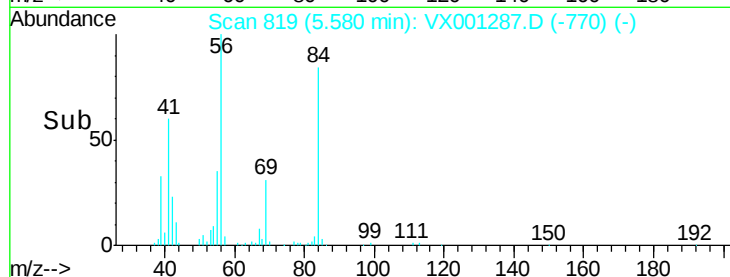
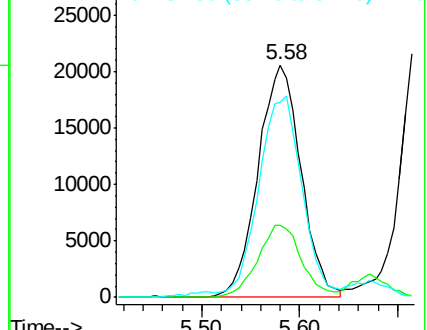
56 100

69 31.1 24.0 36.0

84 82.2 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 20.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

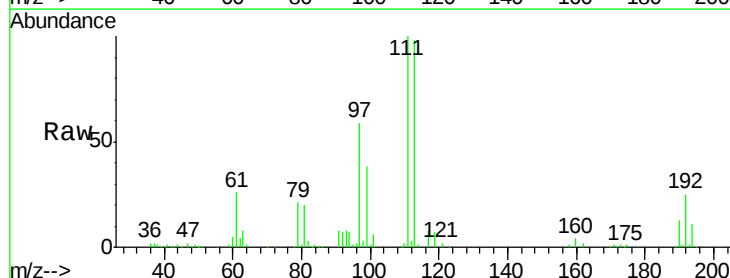
Tgt Ion: 97 Resp: 67372

Ion Ratio Lower Upper

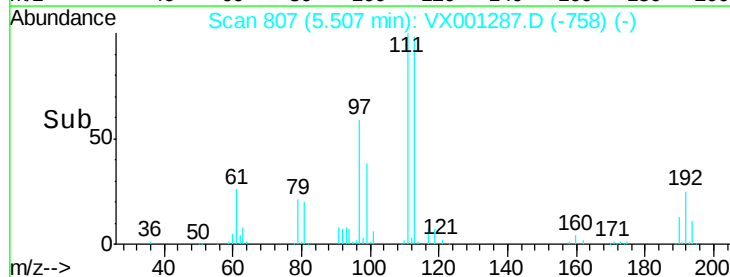
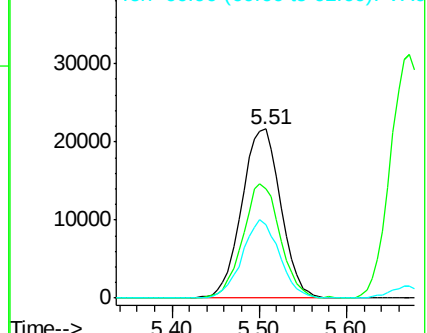
97 100

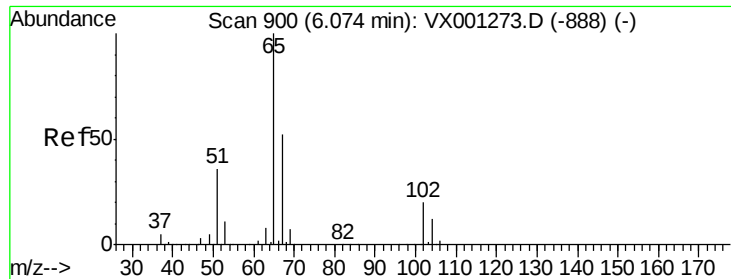
99 64.4 51.8 77.6

61 44.3 35.4 53.2



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





#33

1,2-Dichloroethane-d4

Concen: 45.90 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

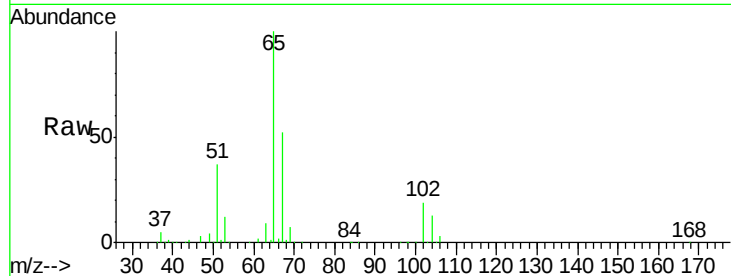
VX0501WBSD02

Tgt Ion: 65 Resp: 122332

Ion Ratio Lower Upper

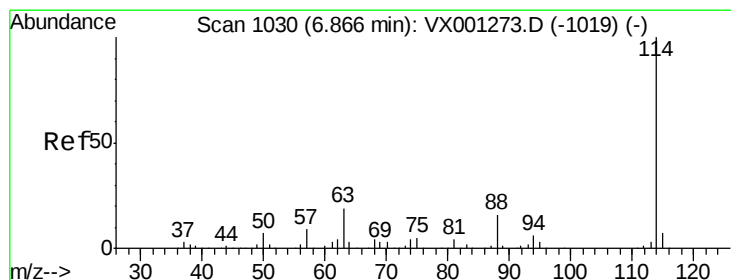
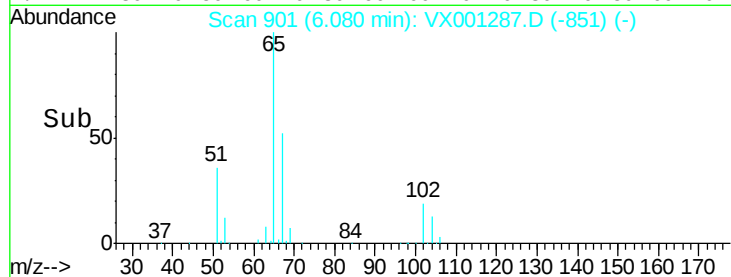
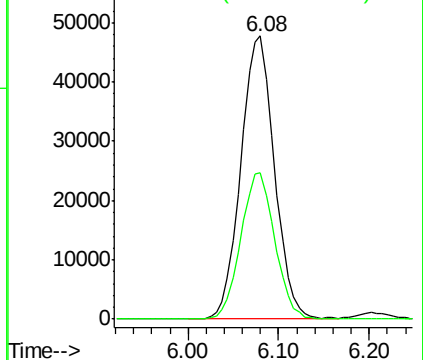
65 100

67 52.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

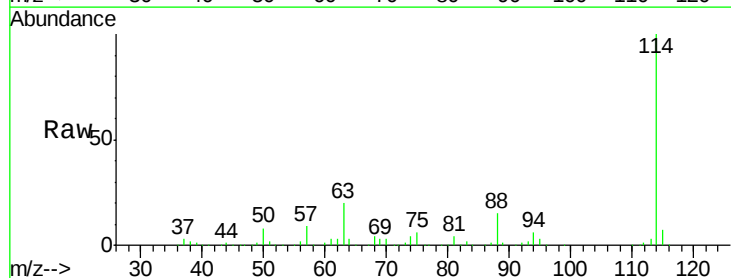
Tgt Ion: 114 Resp: 253382

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

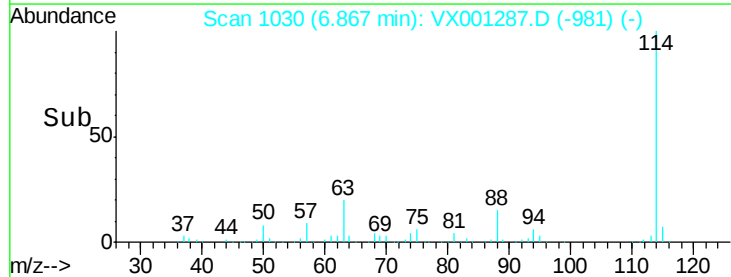
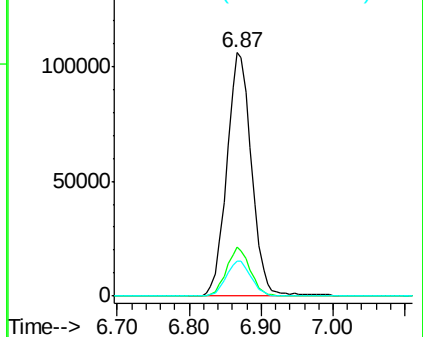
88 14.6 0.0 32.2

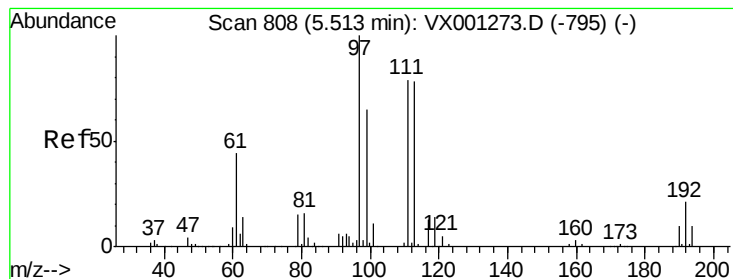


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.37 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

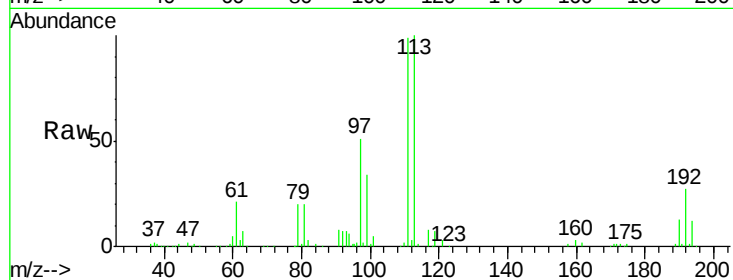
Tgt Ion:113 Resp: 103407

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

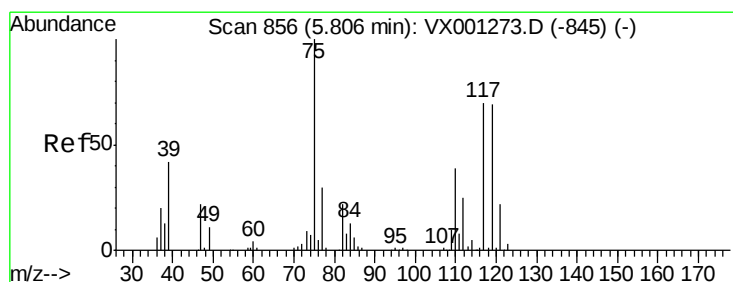
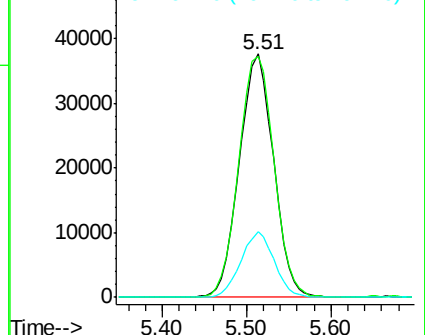
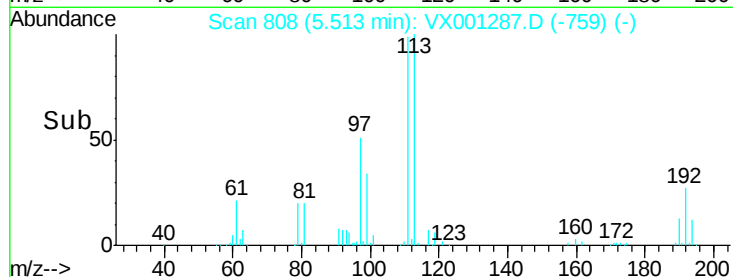
192 26.2 20.7 31.1



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: 19.18 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

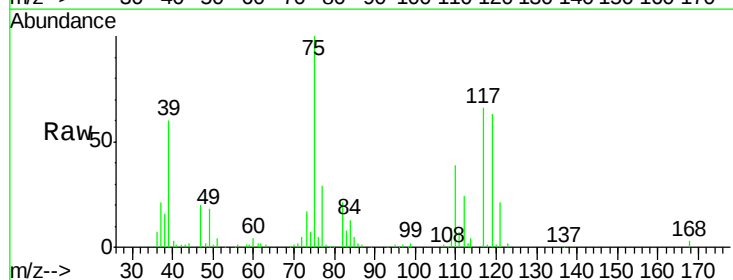
Tgt Ion: 75 Resp: 56100

Ion Ratio Lower Upper

75 100

110 38.4 18.9 56.9

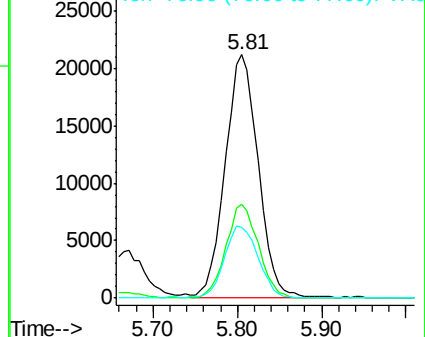
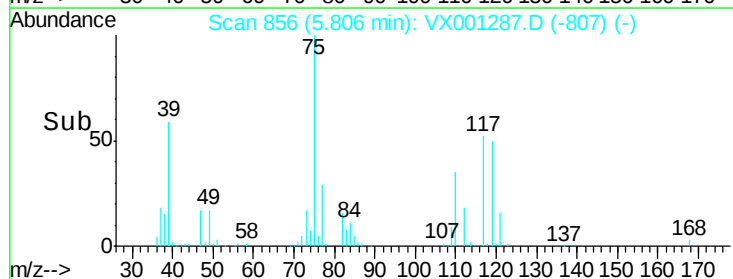
77 30.8 24.2 36.2

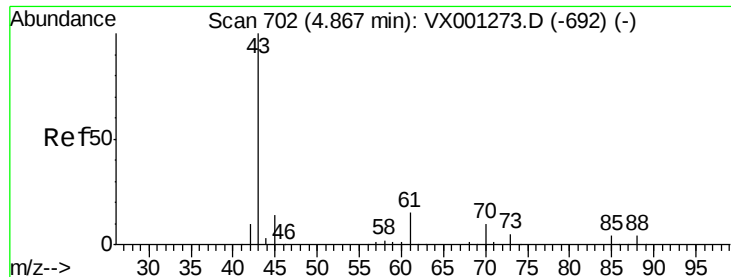


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

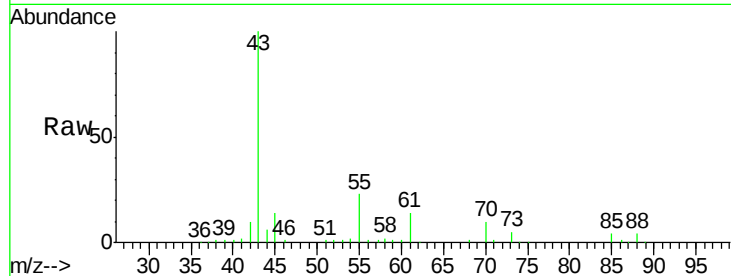




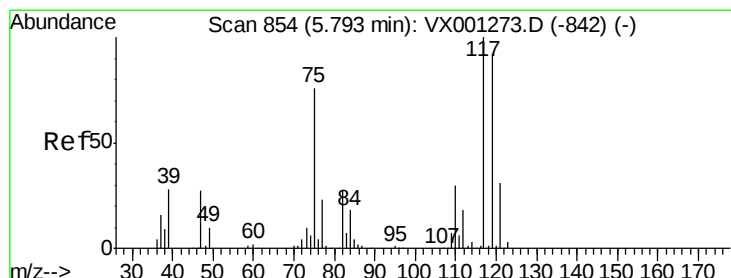
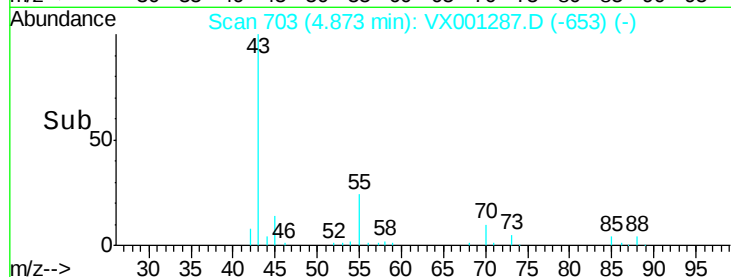
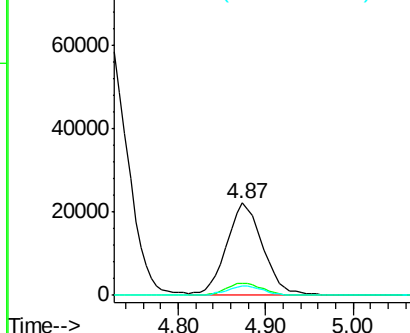
#37
Ethyl Acetate
Concen: 21.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion: 43 Resp: 62850
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.3 8.0 12.0

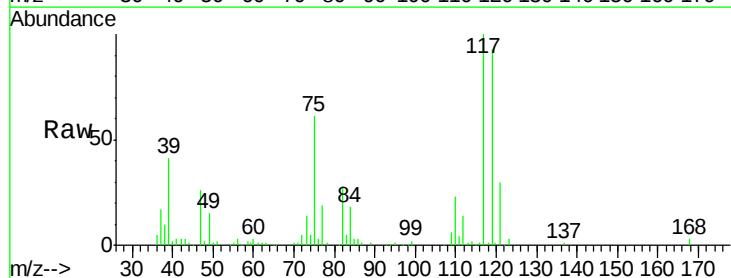


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

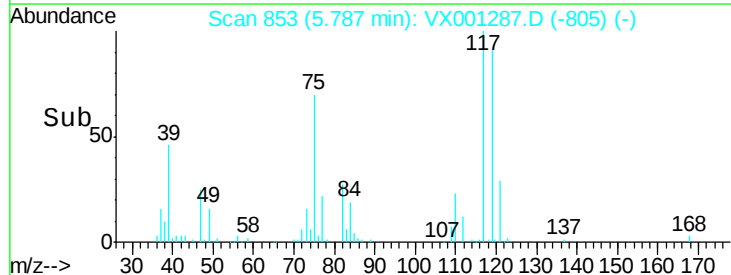
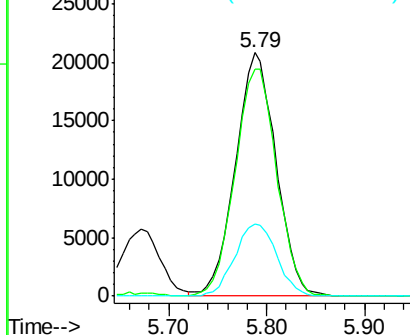


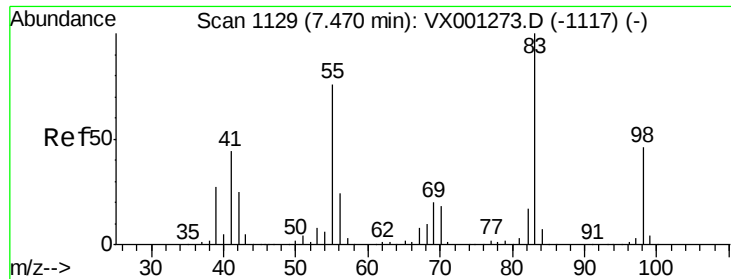
#38
Carbon Tetrachloride
Concen: 19.55 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 117 Resp: 59907
Ion Ratio Lower Upper
117 100
119 92.8 73.4 110.2
121 29.5 25.0 37.4



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

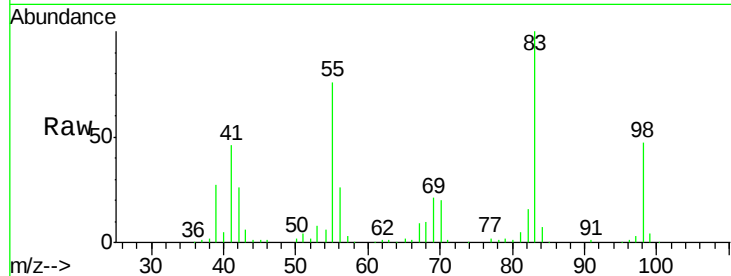




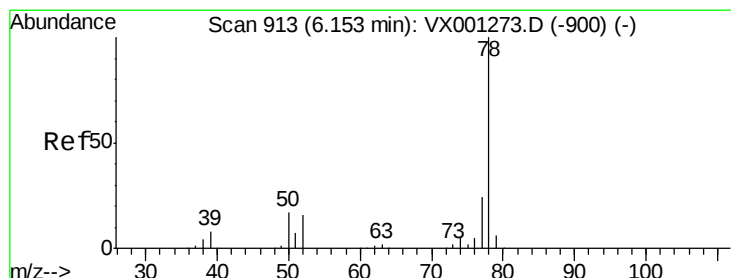
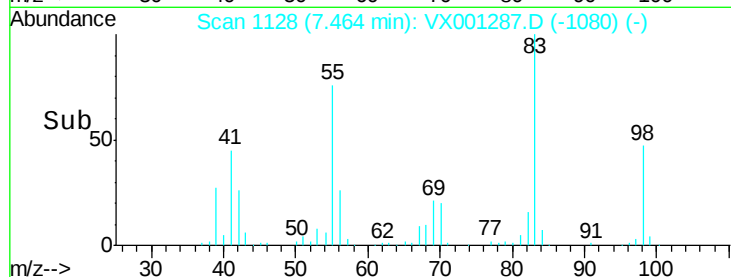
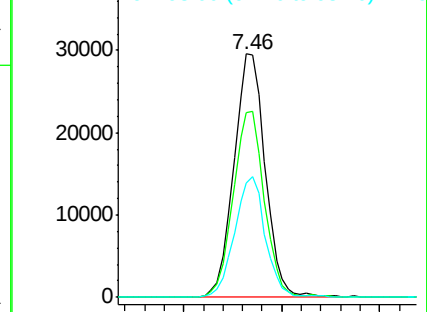
#39
Methylcyclohexane
Concen: 18.99 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion: 83 Resp: 65674
Ion Ratio Lower Upper
83 100
55 75.9 60.4 90.6
98 47.0 37.0 55.6

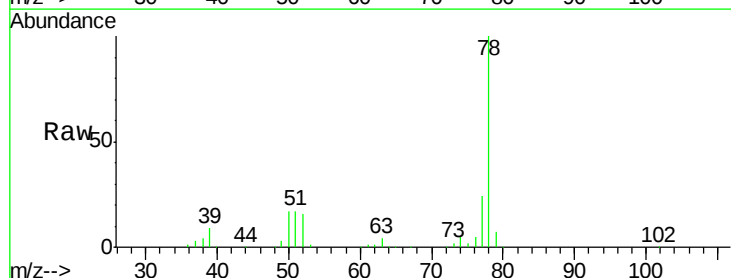


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

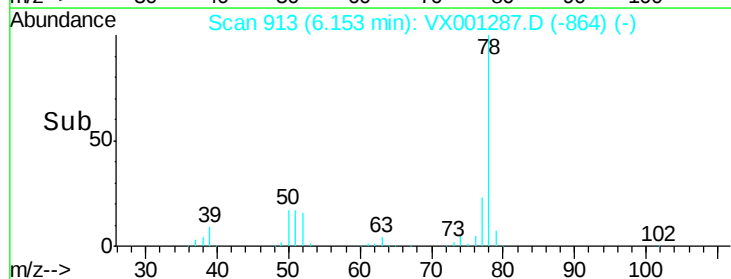
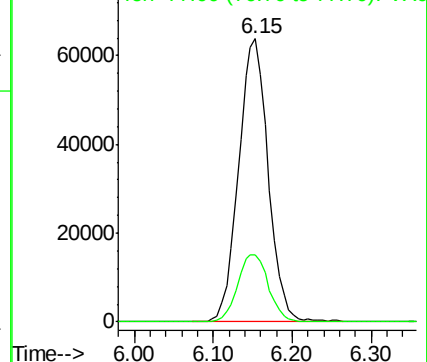


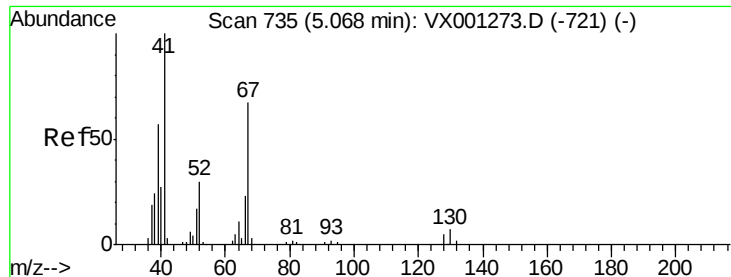
#40
Benzene
Concen: 19.76 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 78 Resp: 166217
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

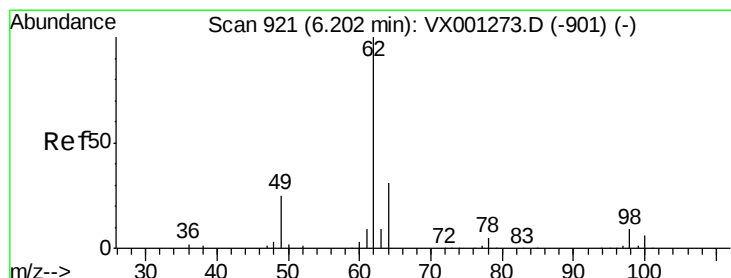
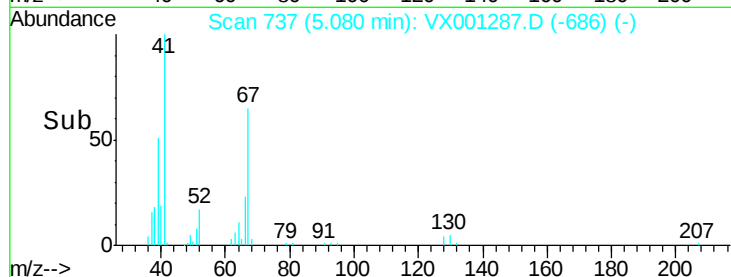
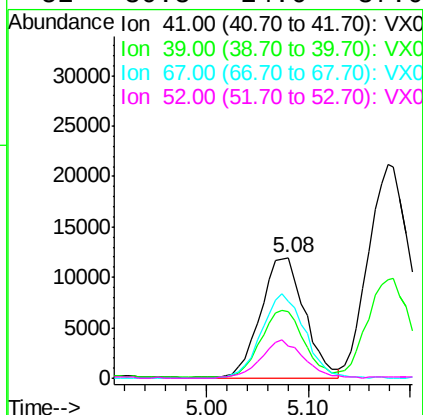
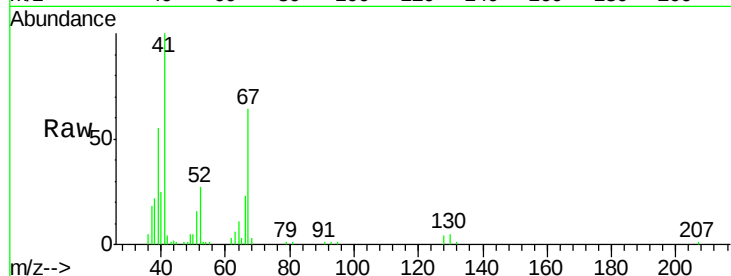




#41
Methacrylonitrile
Concen: 21.06 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

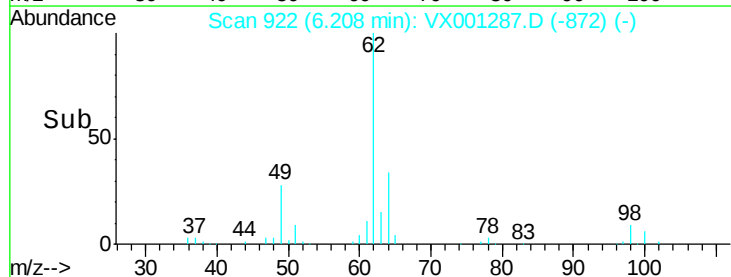
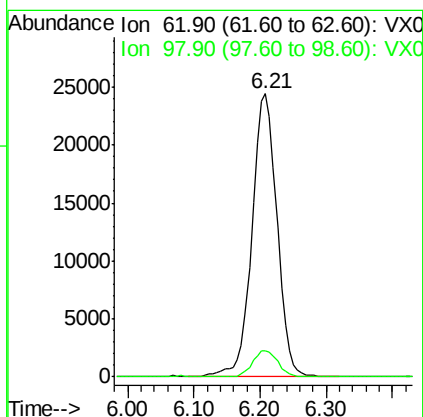
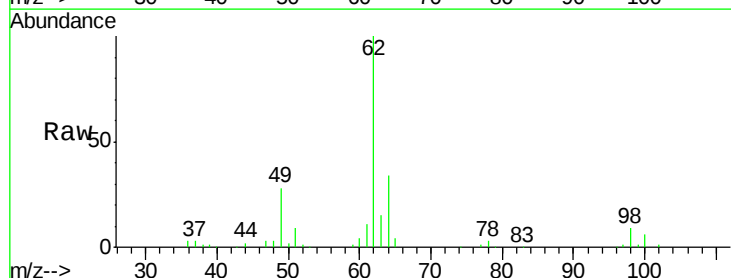
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

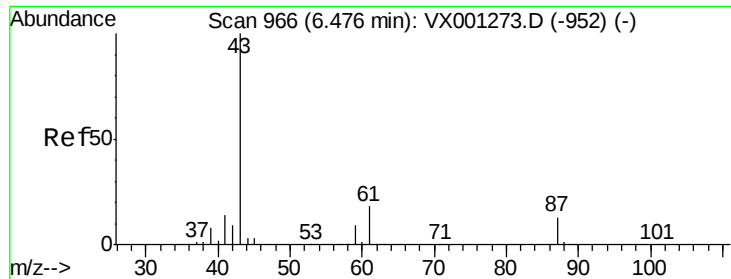
Tgt Ion:	41	Resp:	36212
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.8	68.8
67	67.7	54.8	82.2
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 19.83 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:	62	Resp:	64588
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.98 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

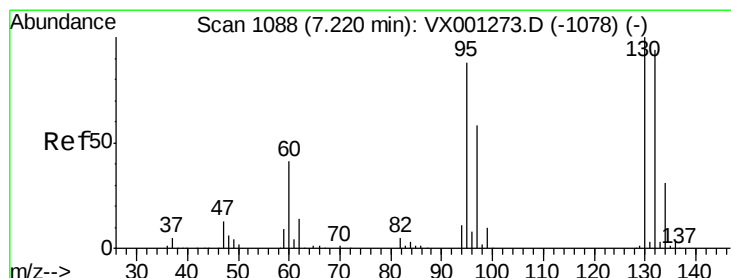
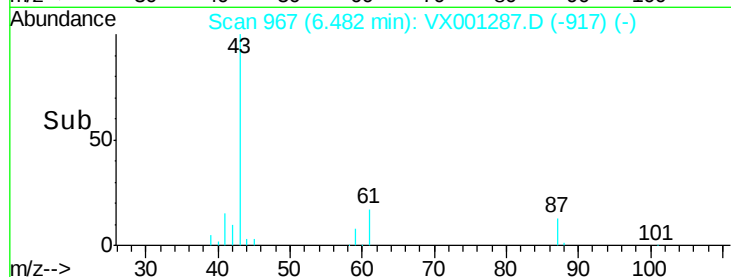
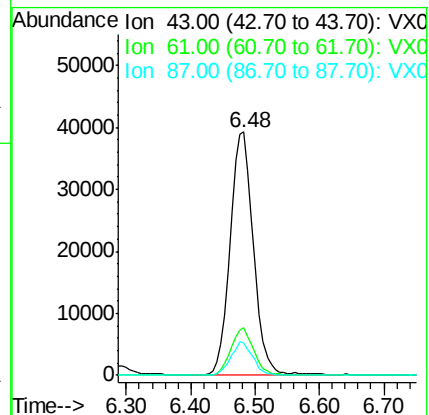
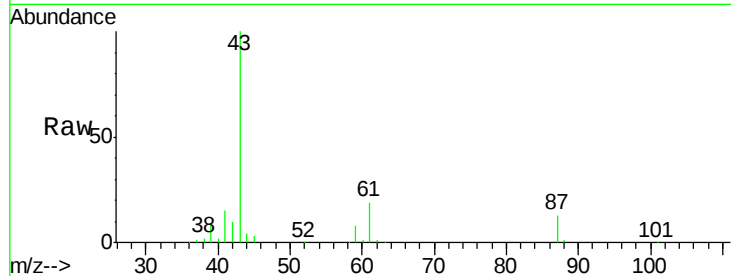
Tgt Ion: 43 Resp: 100280

Ion Ratio Lower Upper

43 100

61 19.0 15.0 22.4

87 13.1 10.2 15.4



#44

Trichloroethene

Concen: 19.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001287.D

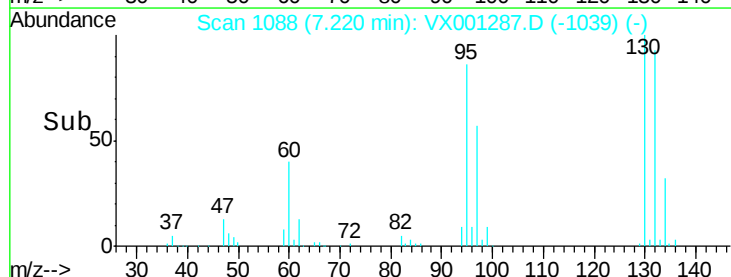
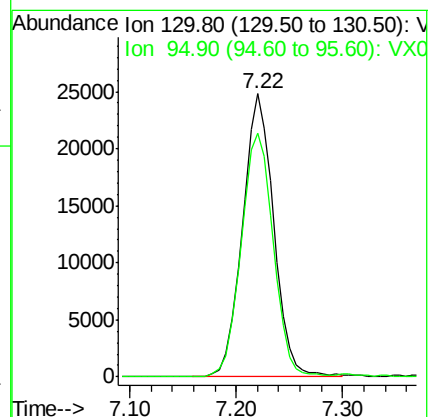
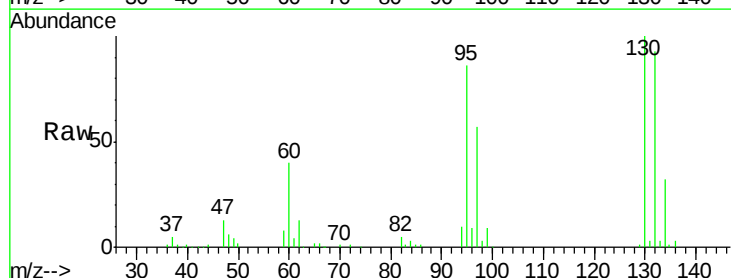
Acq: 01 May 2018 20:19

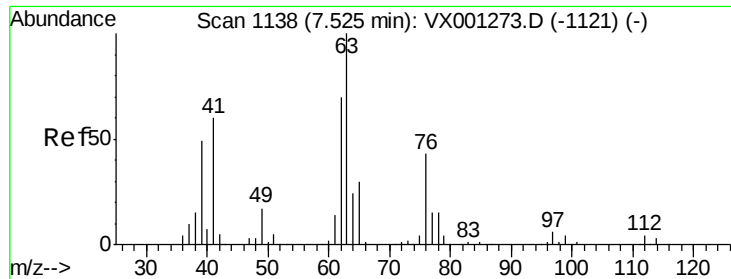
Tgt Ion: 130 Resp: 51117

Ion Ratio Lower Upper

130 100

95 86.3 0.0 176.0

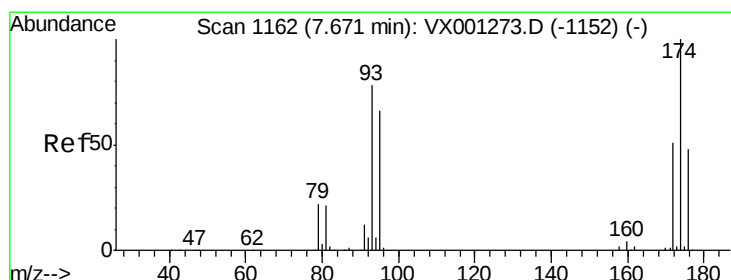
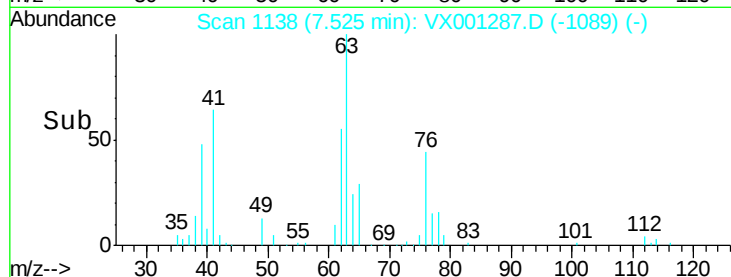
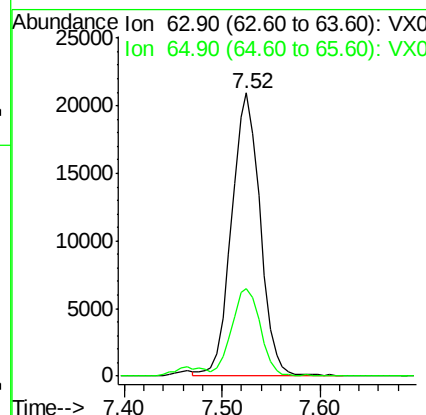
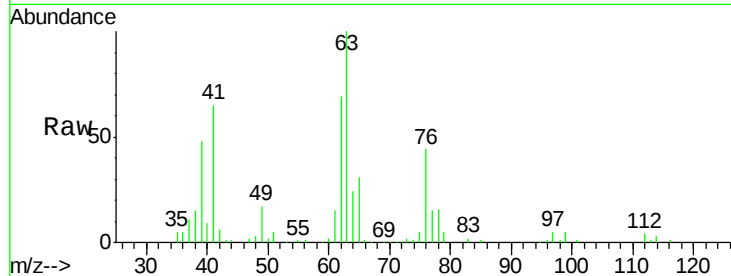




#45
 1,2-Dichloropropane
 Concen: 19.70 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

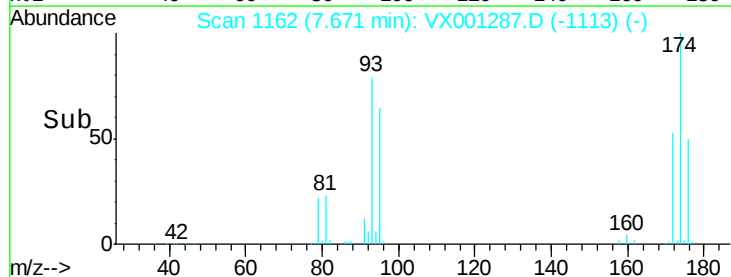
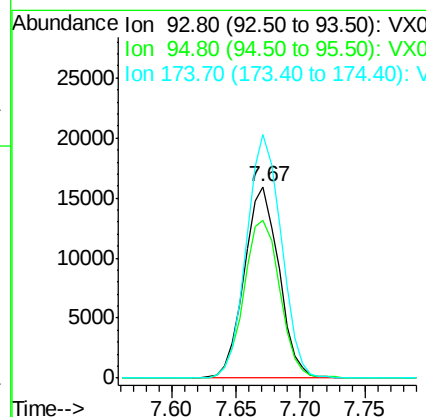
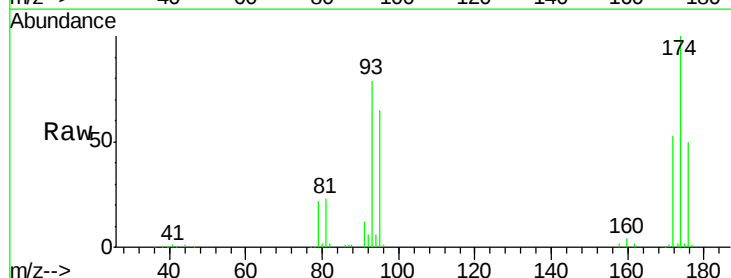
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

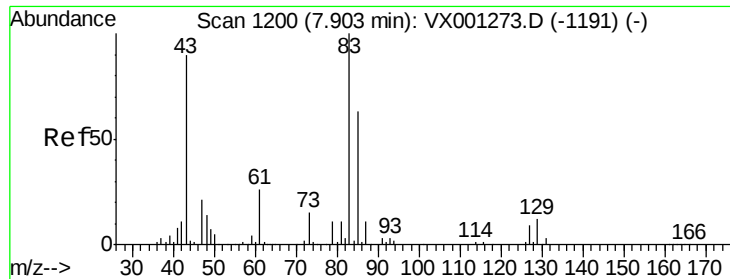
Tgt Ion: 63 Resp: 42561
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 19.63 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 93 Resp: 29730
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.0 100.6
 174 127.7 102.3 153.5





#47

Bromodichloromethane

Concen: 19.74 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

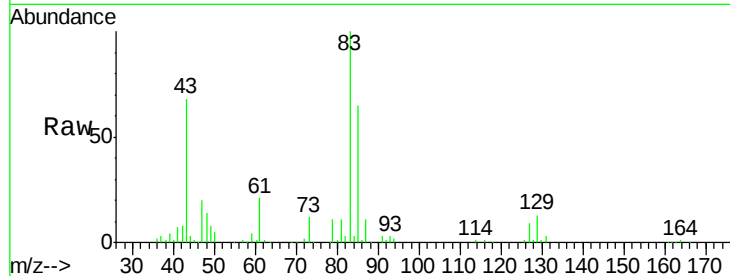
Tgt Ion: 83 Resp: 53459

Ion Ratio Lower Upper

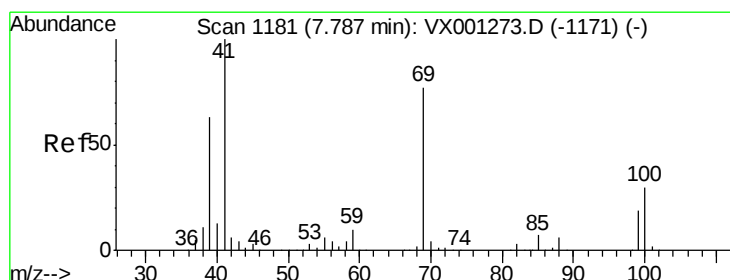
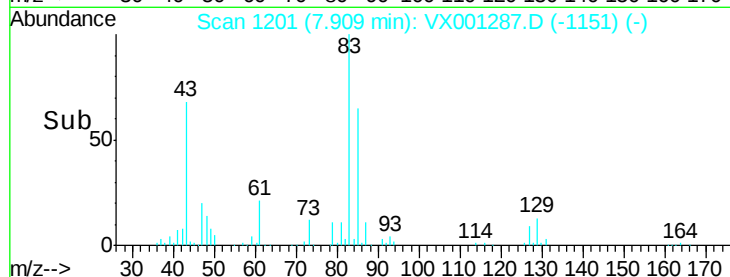
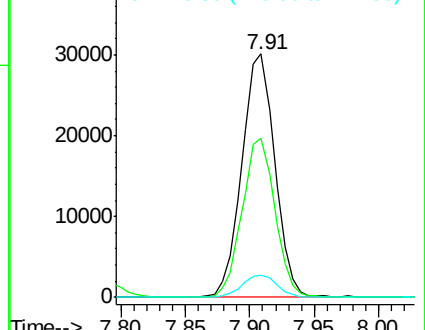
83 100

85 65.3 50.3 75.5

127 9.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

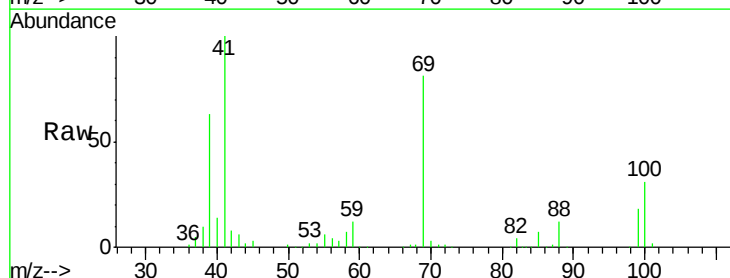
Tgt Ion: 41 Resp: 51714

Ion Ratio Lower Upper

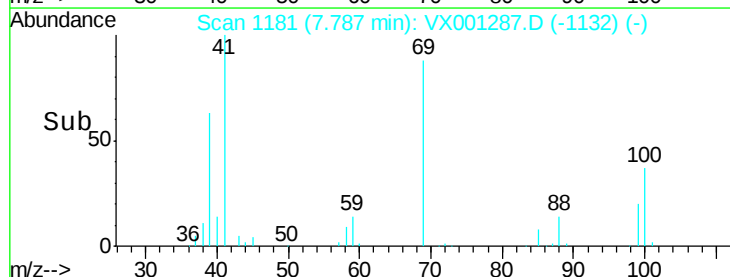
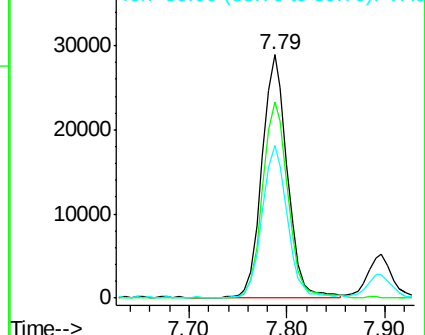
41 100

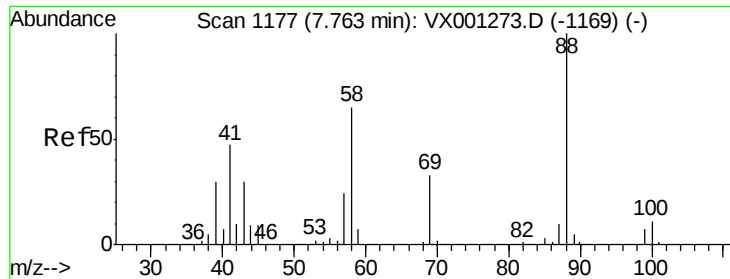
69 81.6 63.0 94.6

39 62.2 50.2 75.4



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

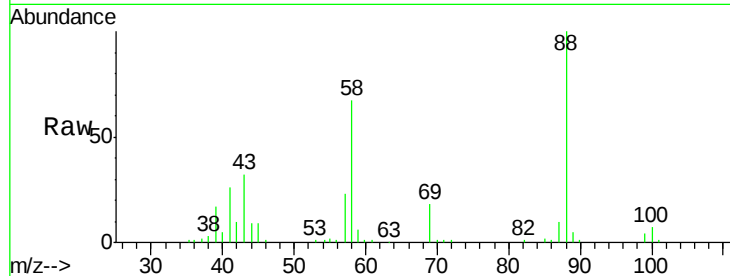




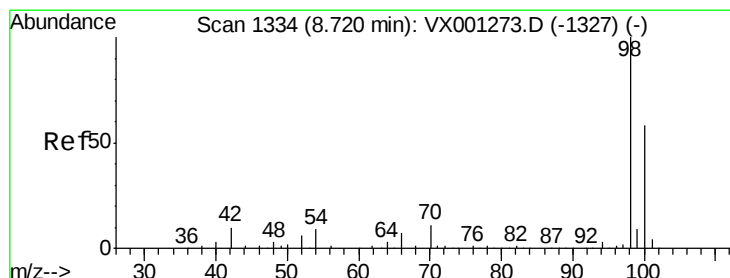
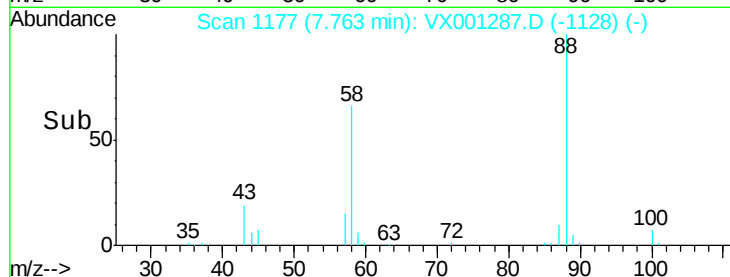
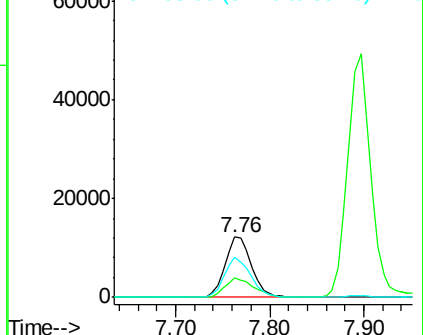
#49
1,4-Dioxane
Concen: 497.49 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion: 88 Resp: 23859
Ion Ratio Lower Upper
88 100
43 33.4 27.9 41.9
58 65.3 54.2 81.2

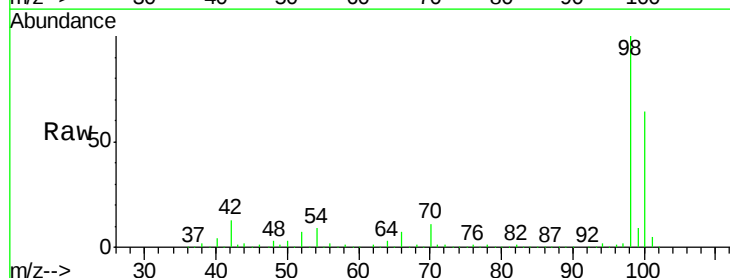


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

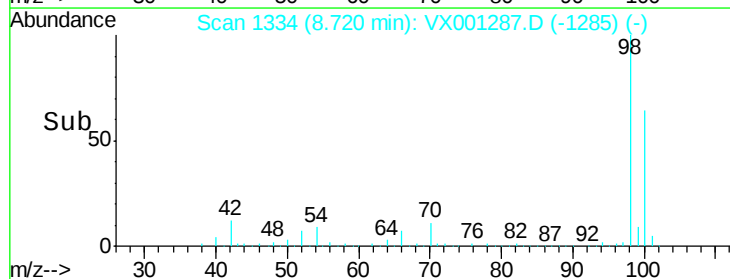
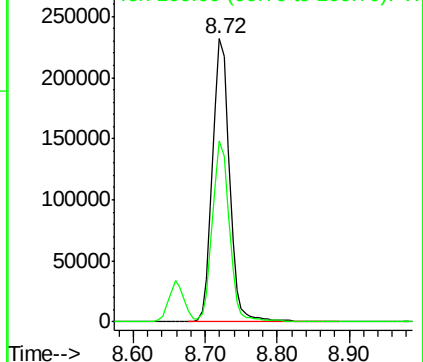


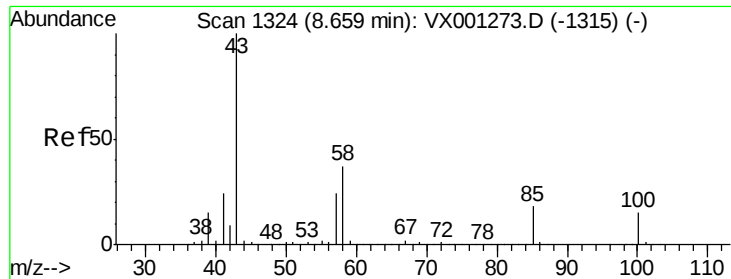
#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 98 Resp: 382196
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4



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

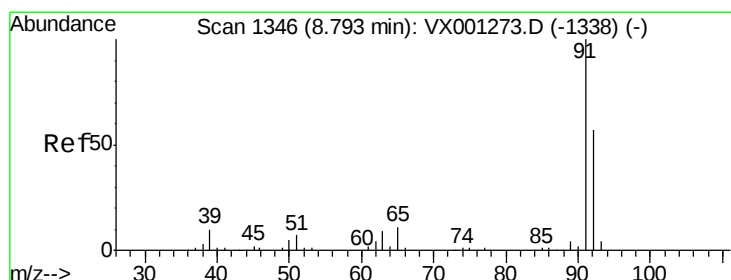
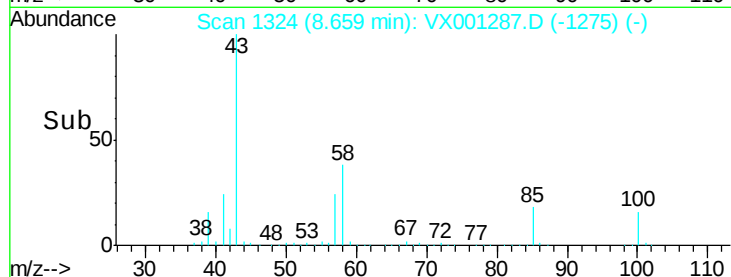
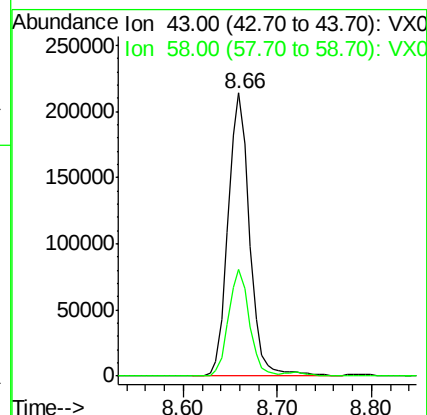
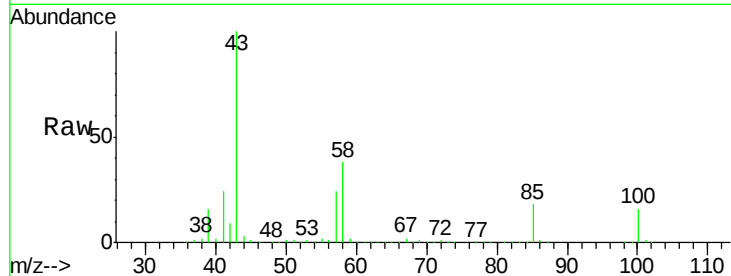




#51
4-Methyl-2-Pentanone
Concen: 110.38 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

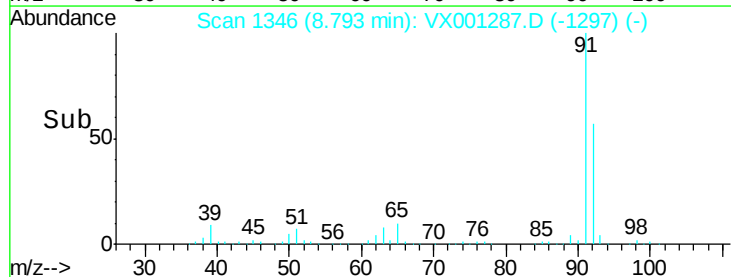
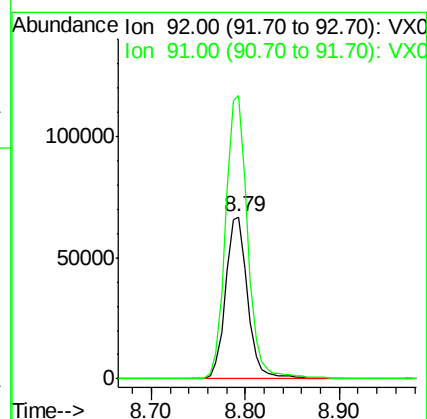
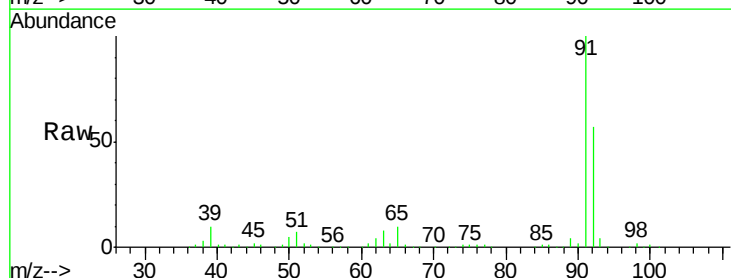
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

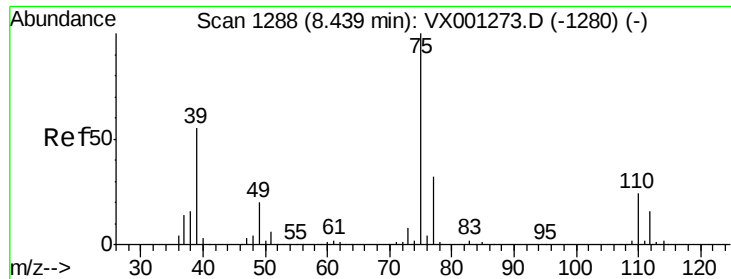
Tgt Ion: 43 Resp: 340203
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6



#52
Toluene
Concen: 19.81 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 92 Resp: 108909
Ion Ratio Lower Upper
92 100
91 175.6 139.0 208.6

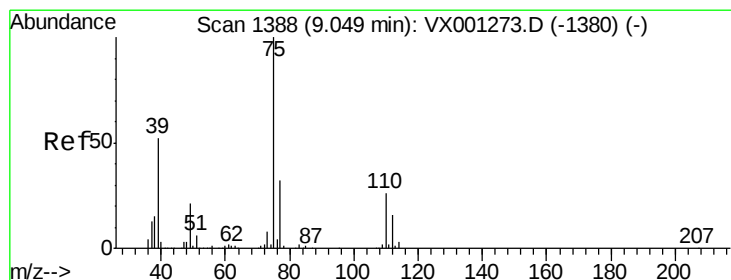
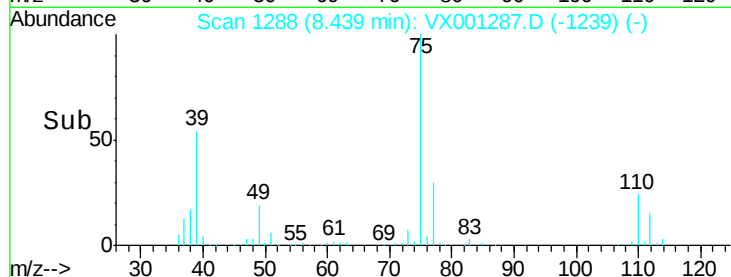
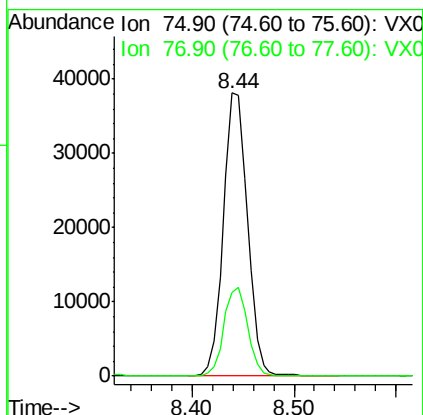
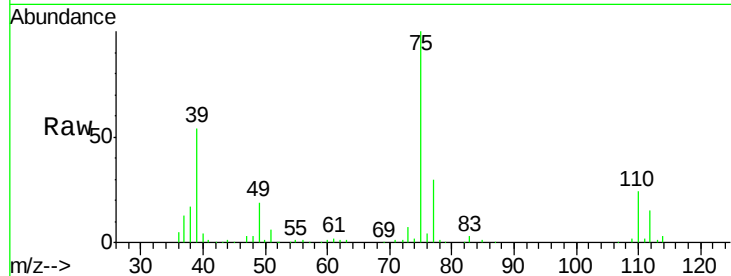




#53
 t-1,3-Dichloropropene
 Concen: 19.48 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

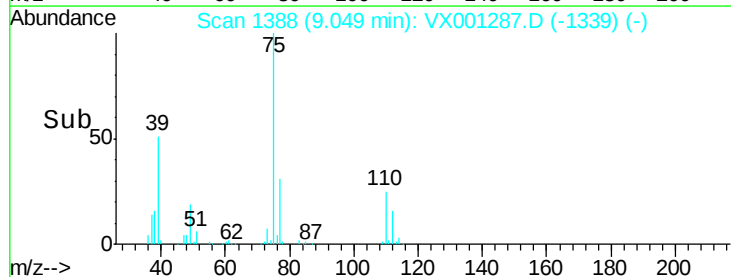
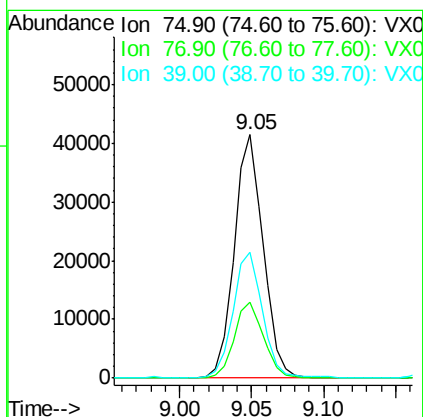
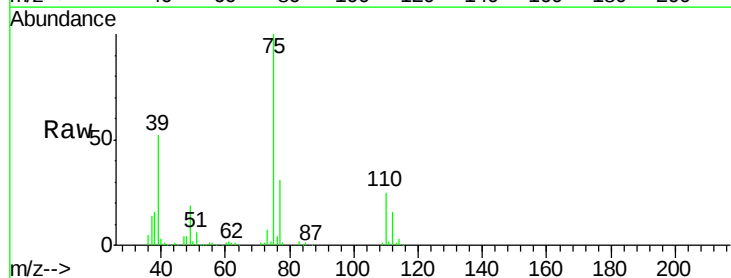
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

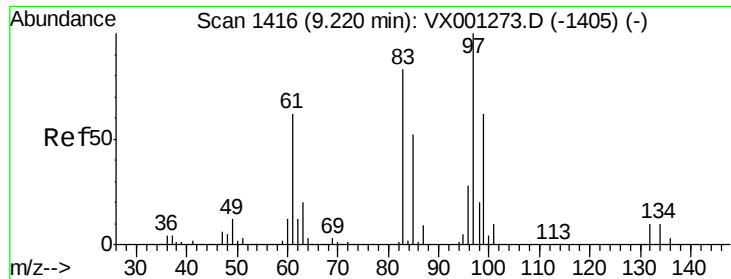
Tgt Ion: 75 Resp: 62735
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.55 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 75 Resp: 57917
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3
 39 51.7 41.9 62.9

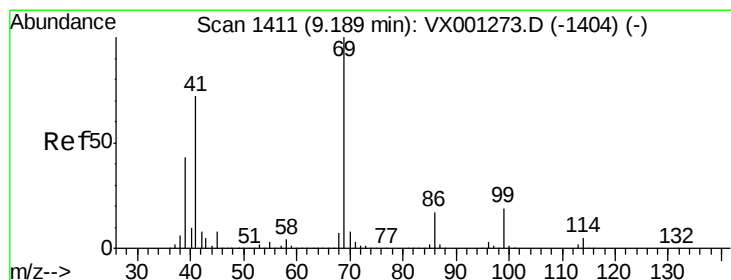
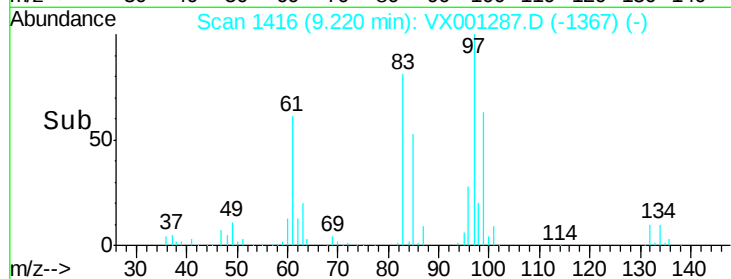
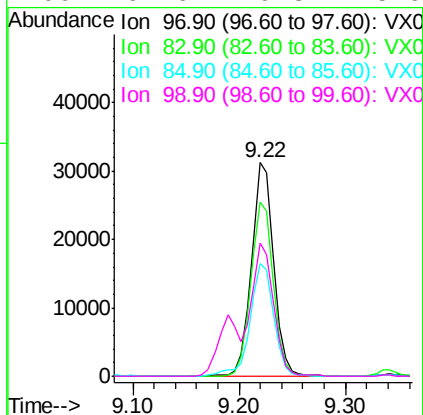
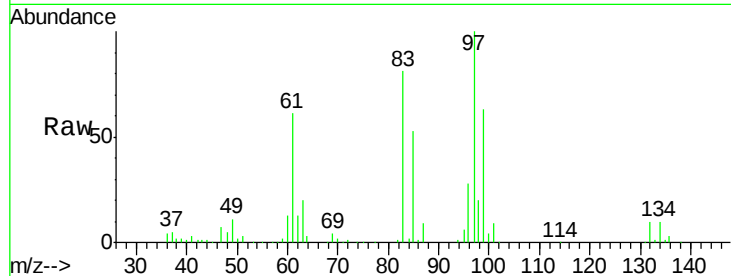




#55
 1,1,2-Trichloroethane
 Concen: 20.64 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

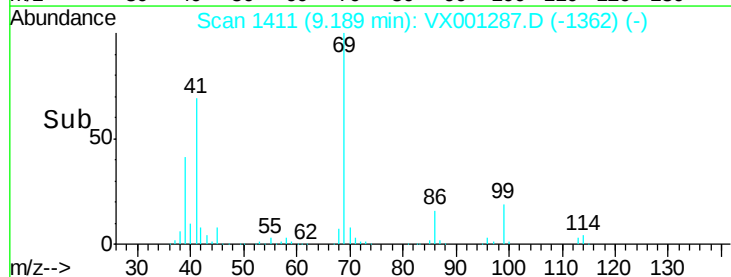
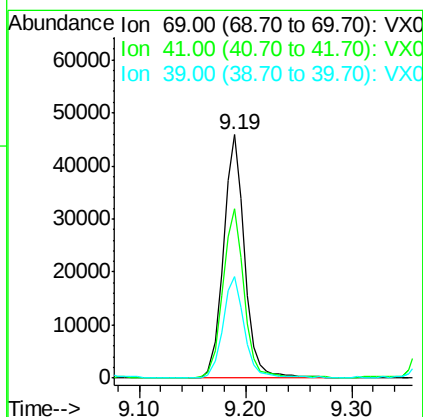
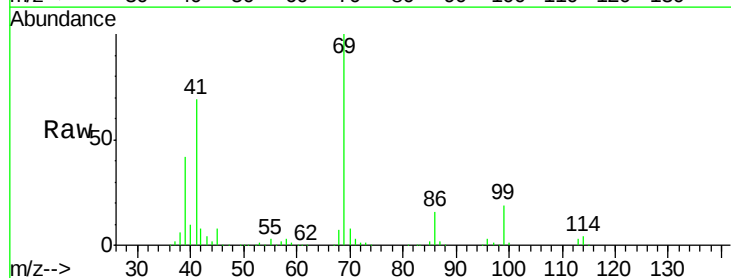
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

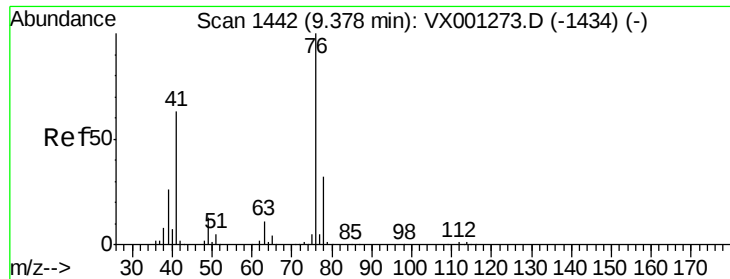
Tgt Ion:	97	Resp:	45843
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.4	99.6
85	52.6	41.6	62.4
99	62.6	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 20.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion:	69	Resp:	63796
Ion	Ratio	Lower	Upper
69	100		
41	69.7	57.2	85.8
39	42.5	34.3	51.5





#57

1,3-Dichloropropane

Concen: 20.47 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

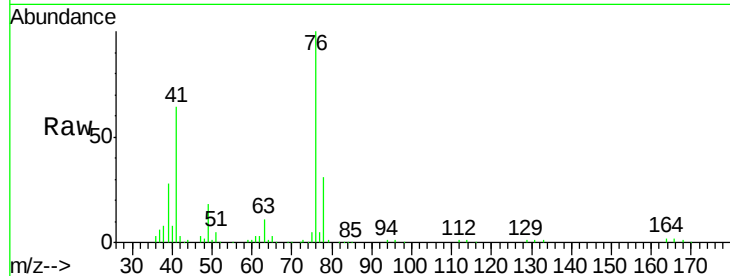
VX0501WBSD02

Tgt Ion: 76 Resp: 73158

Ion Ratio Lower Upper

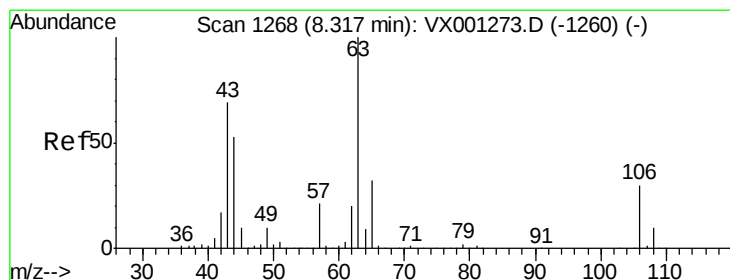
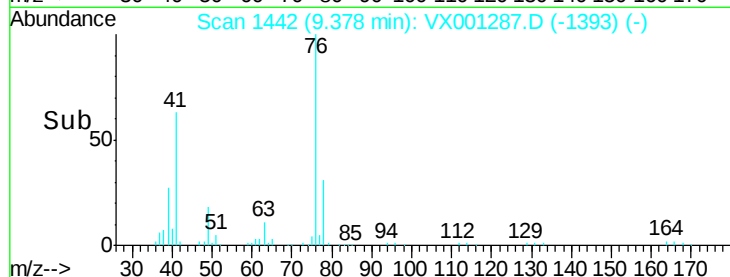
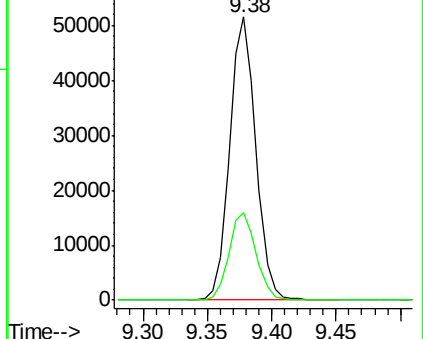
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 105.65 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001287.D

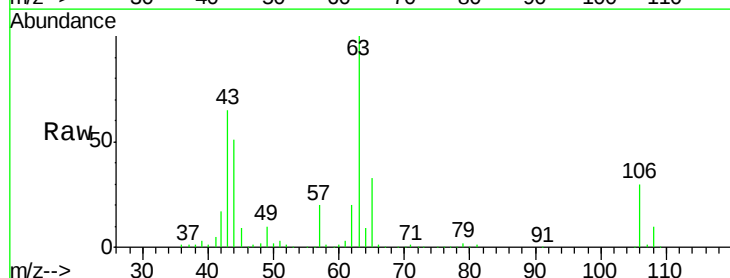
Acq: 01 May 2018 20:19

Tgt Ion: 63 Resp: 156886

Ion Ratio Lower Upper

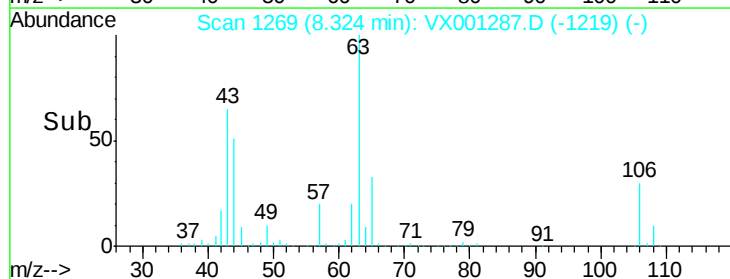
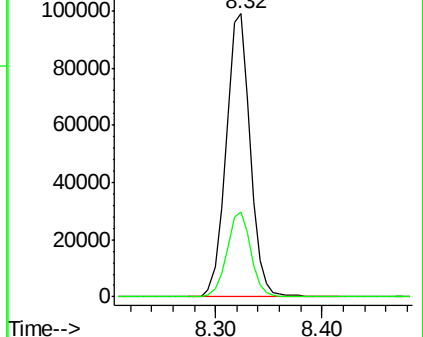
63 100

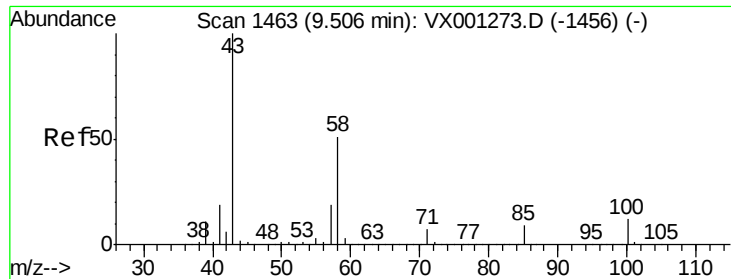
106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

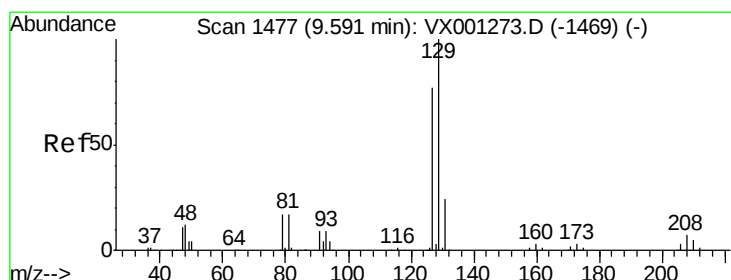
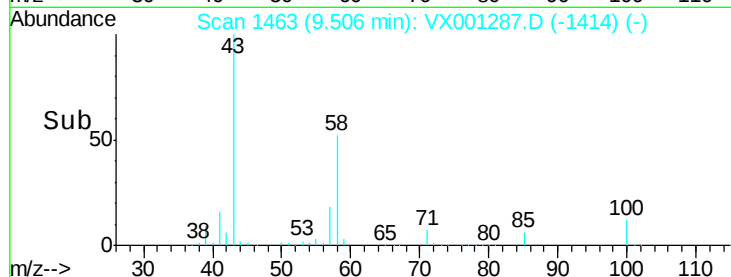
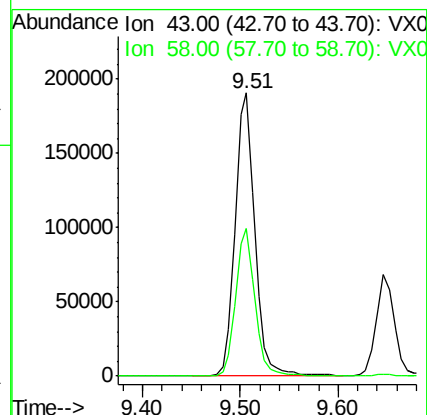
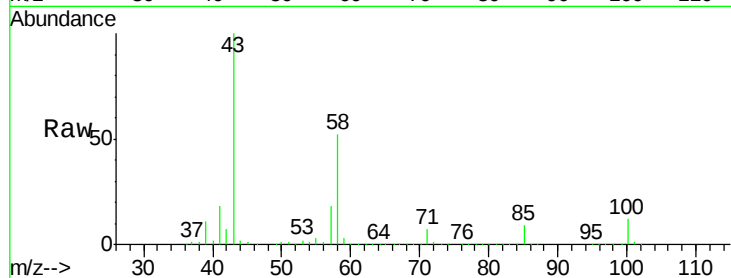




#59
2-Hexanone
Concen: 110.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

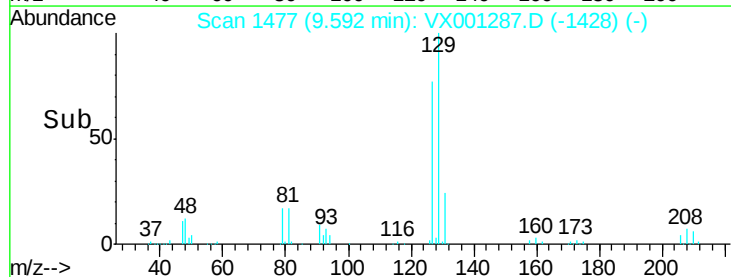
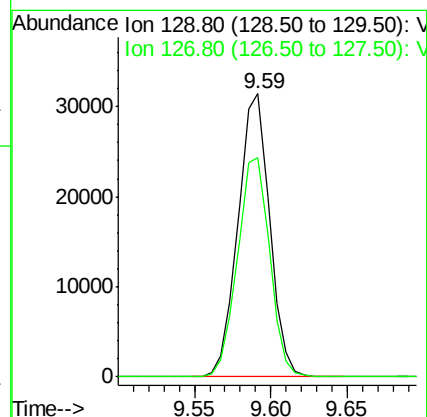
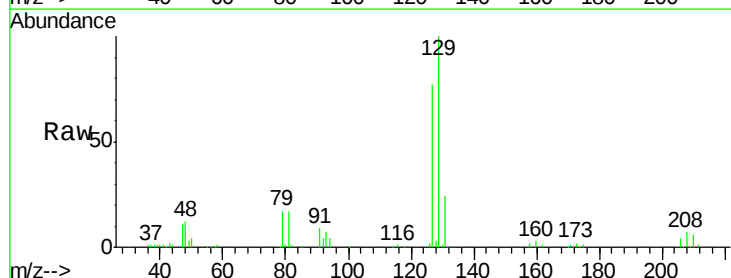
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

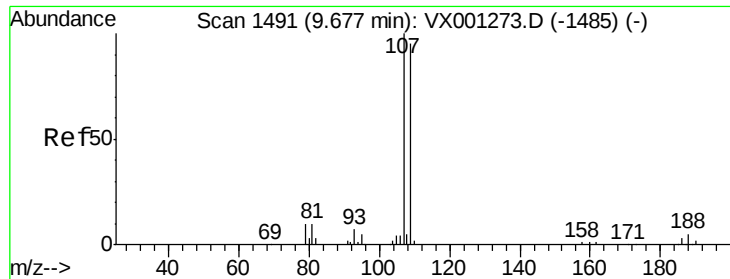
Tgt Ion: 43 Resp: 265846
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 129 Resp: 45079
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

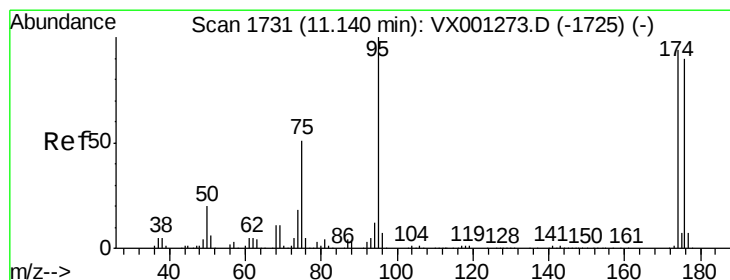
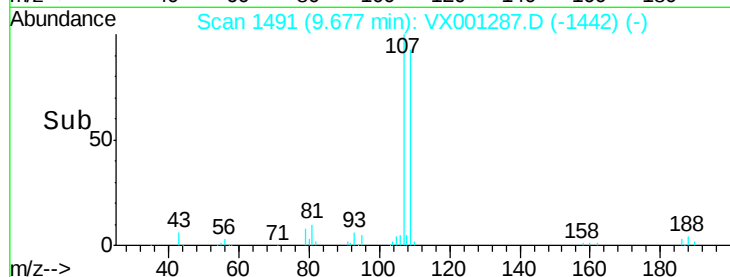
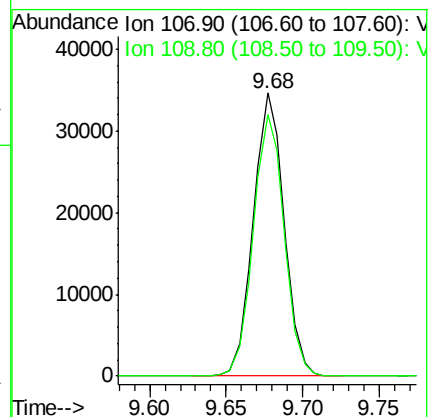
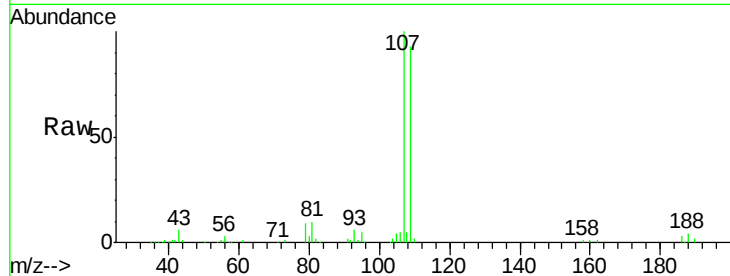
VX0501WBSD02

Tgt Ion: 107 Resp: 48513

Ion Ratio Lower Upper

107 100

109 93.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 46.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

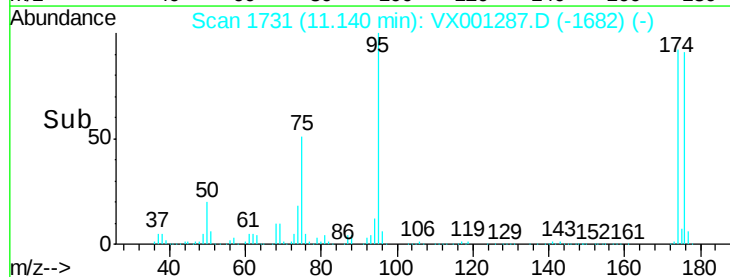
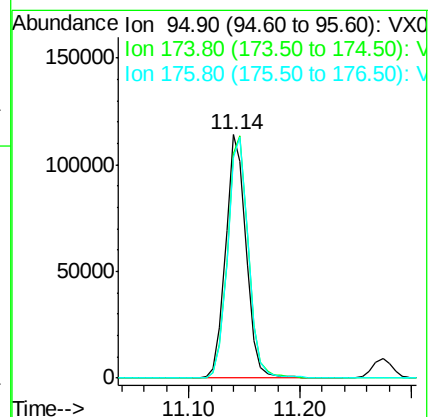
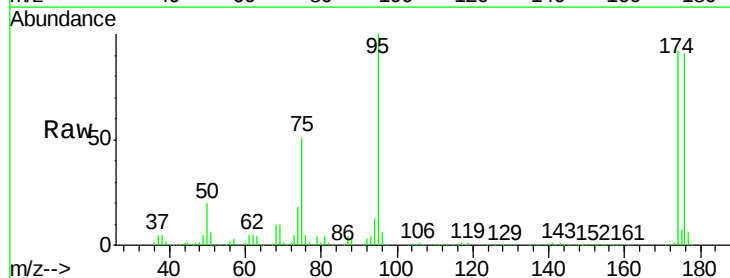
Tgt Ion: 95 Resp: 144658

Ion Ratio Lower Upper

95 100

174 101.1 0.0 201.8

176 99.9 0.0 197.2

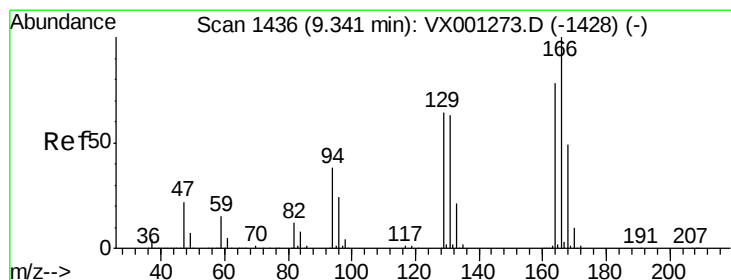
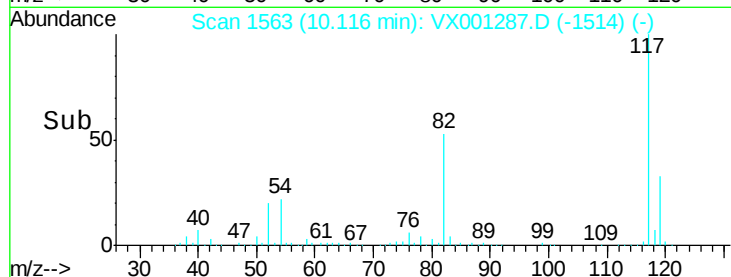
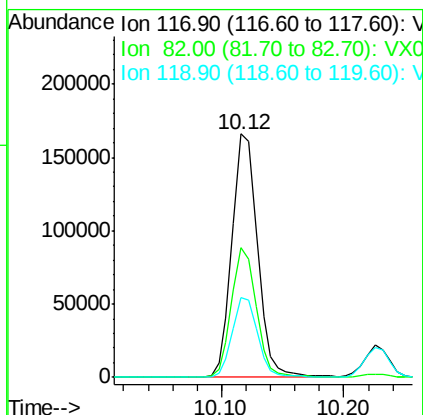
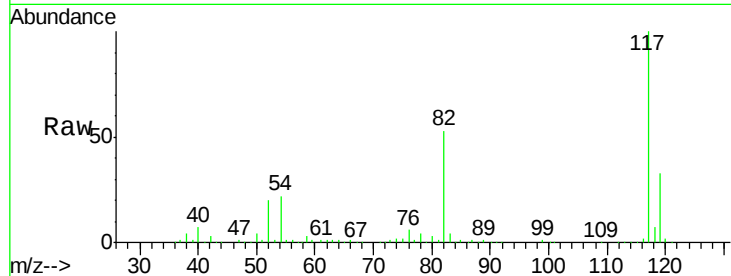




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

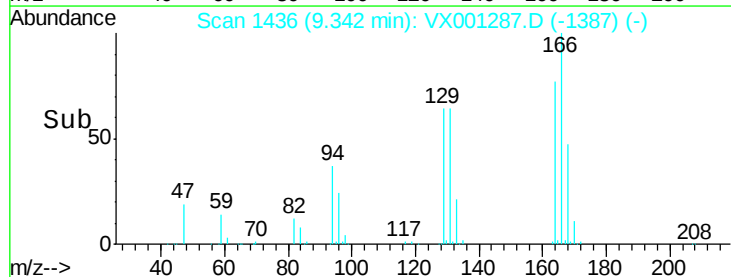
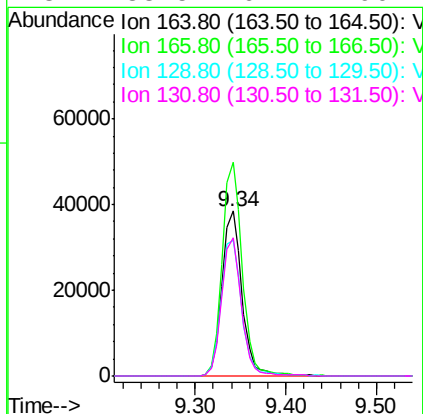
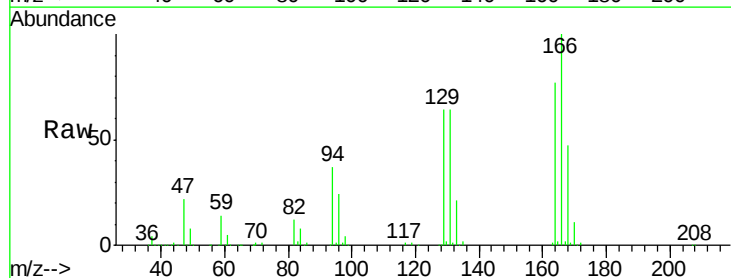
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

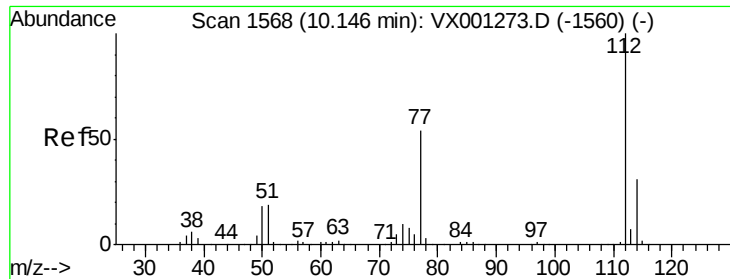
Tgt Ion:117 Resp: 240836
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 20.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:164 Resp: 59288
Ion Ratio Lower Upper
164 100
166 129.5 102.3 153.5
129 82.6 65.1 97.7
131 83.5 64.2 96.4

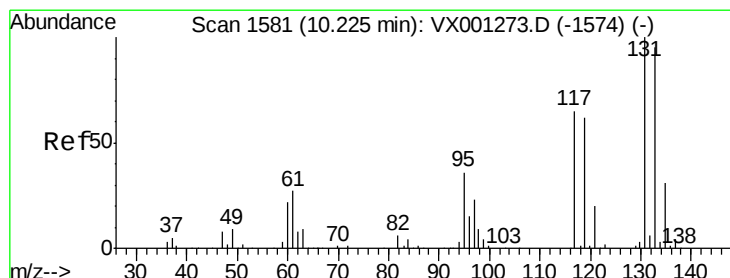
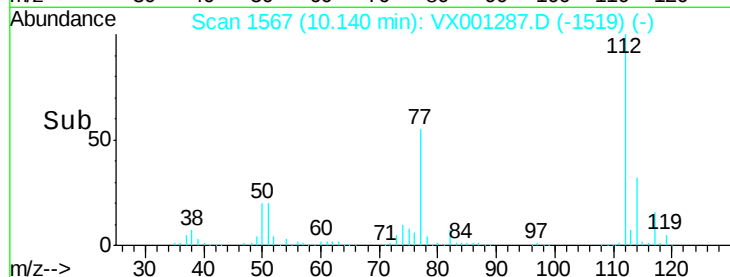
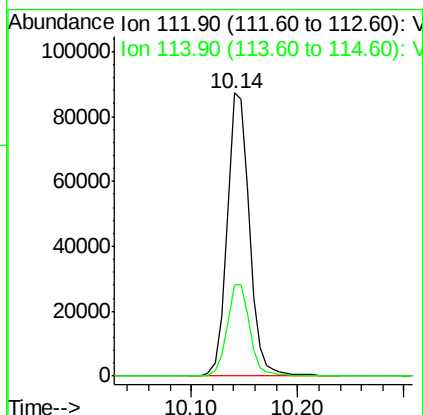
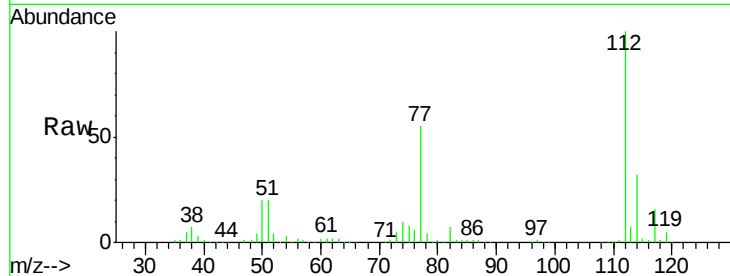




#65
Chlorobenzene
Concen: 19.59 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

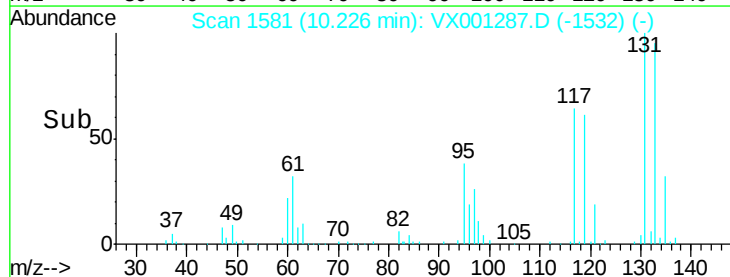
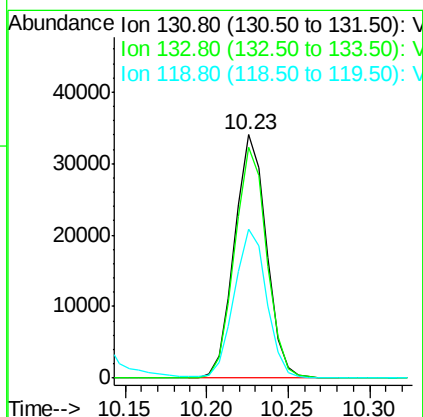
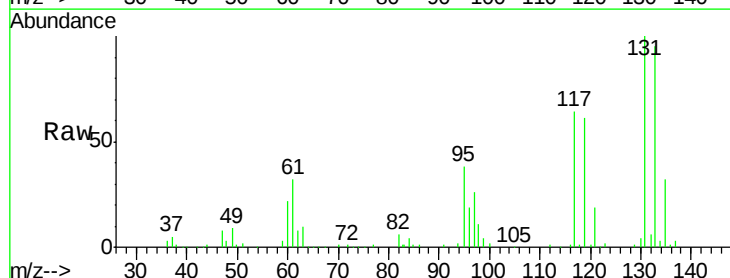
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

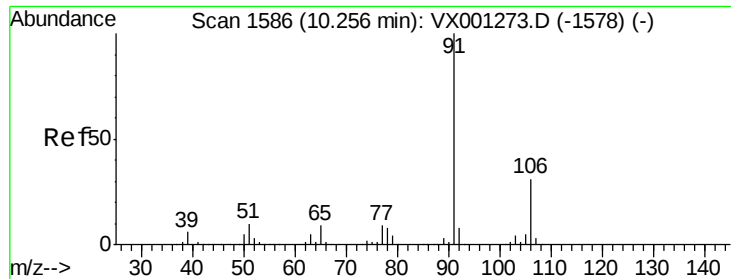
Tgt Ion:112 Resp: 128285
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.41 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:131 Resp: 46402
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 62.6 31.2 93.6

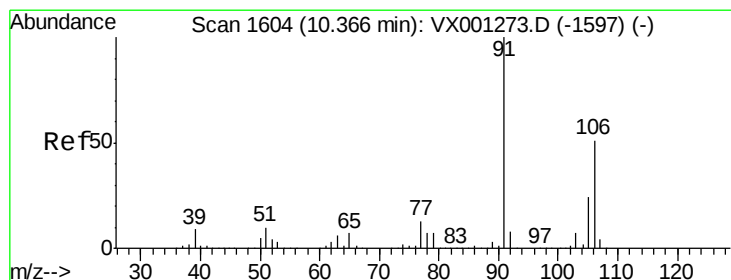
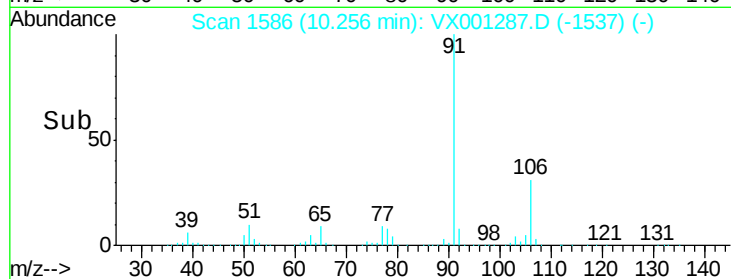
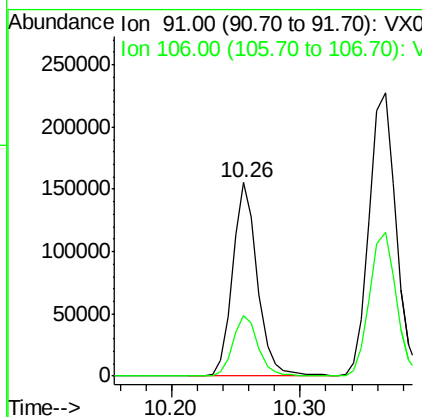
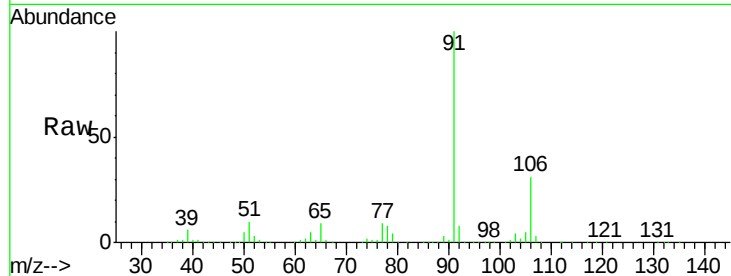




#67
Ethyl Benzene
Concen: 19.47 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

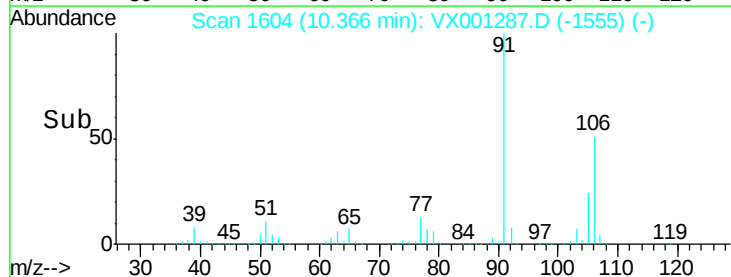
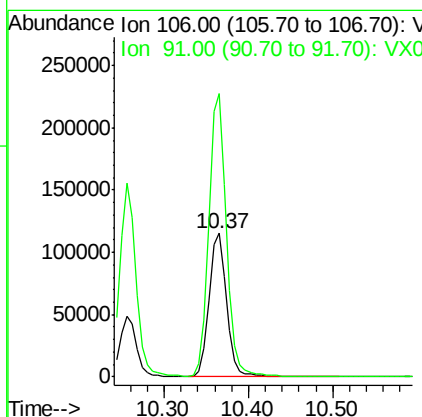
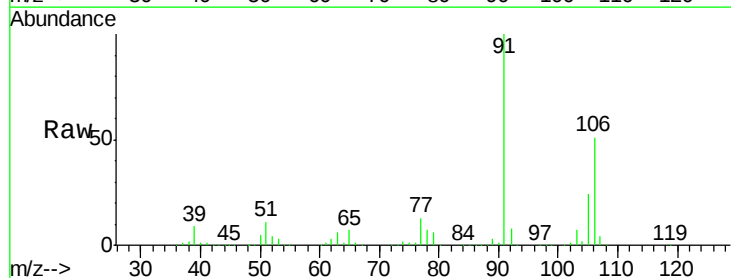
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

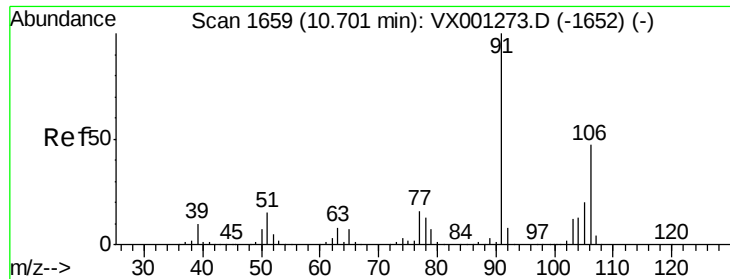
Tgt Ion: 91 Resp: 210107
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 39.62 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 106 Resp: 168274
Ion Ratio Lower Upper
106 100
91 196.9 159.4 239.2

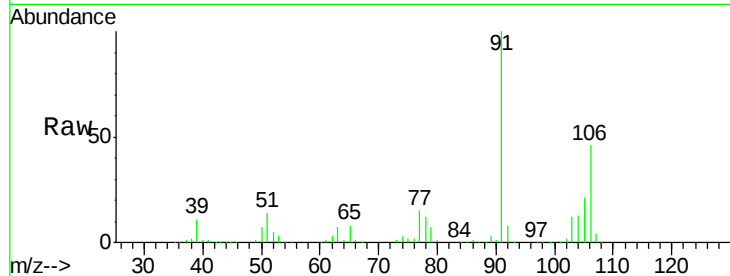




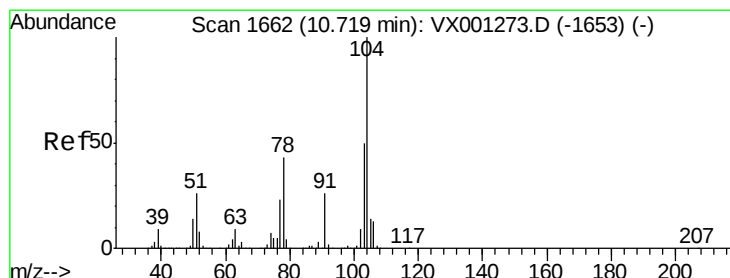
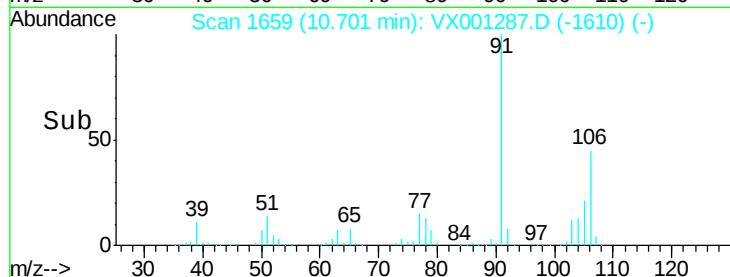
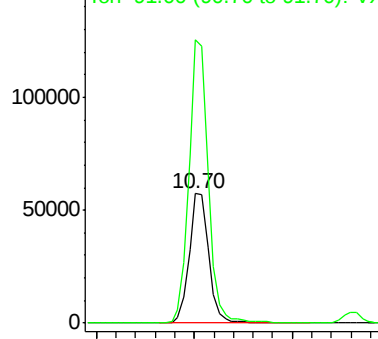
#69
o-Xylene
Concen: 19.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion:106 Resp: 80053
Ion Ratio Lower Upper
106 100
91 214.4 106.3 319.0

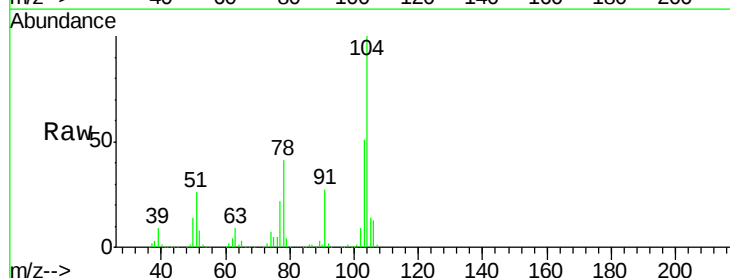


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

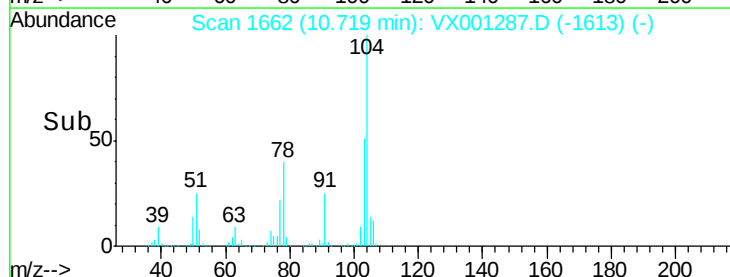
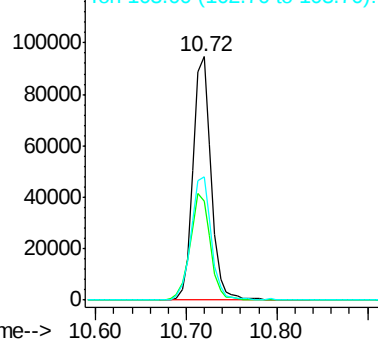


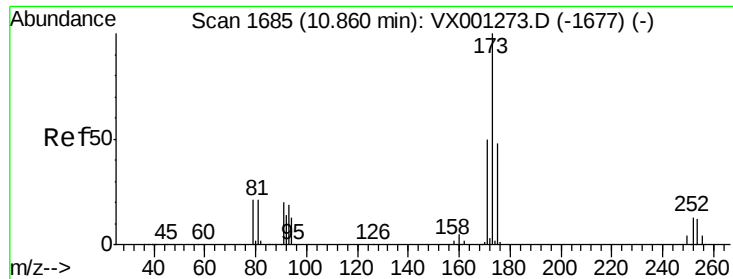
#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:104 Resp: 131655
Ion Ratio Lower Upper
104 100
78 49.1 40.1 60.1
103 56.8 44.5 66.7



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: 19.07 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

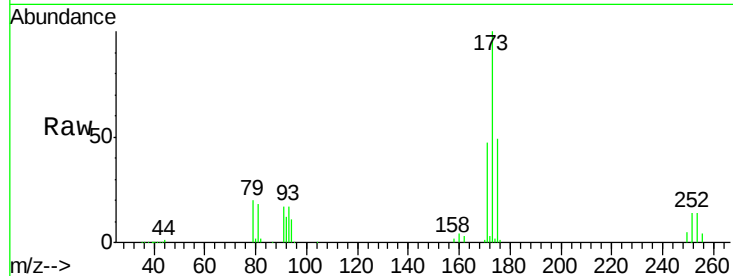
Tgt Ion:173 Resp: 36096

Ion Ratio Lower Upper

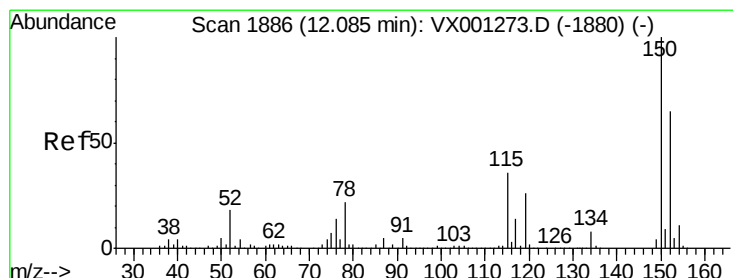
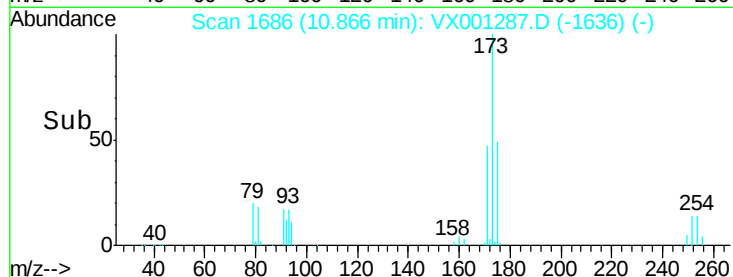
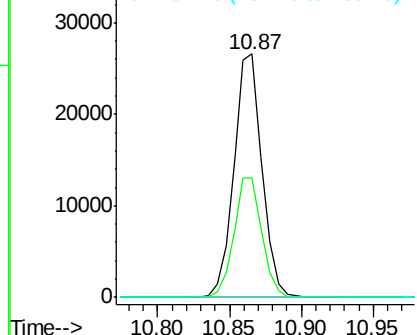
173 100

175 49.1 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

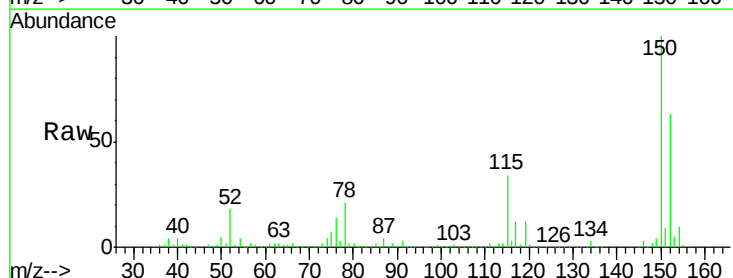
Tgt Ion:152 Resp: 161496

Ion Ratio Lower Upper

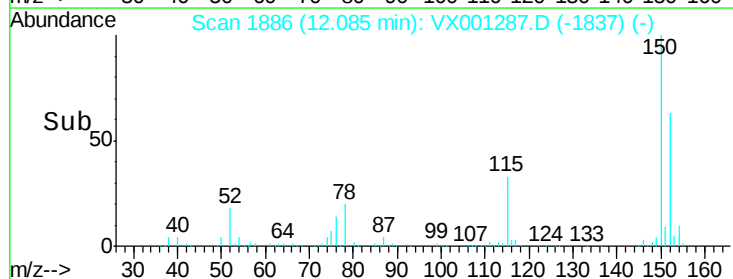
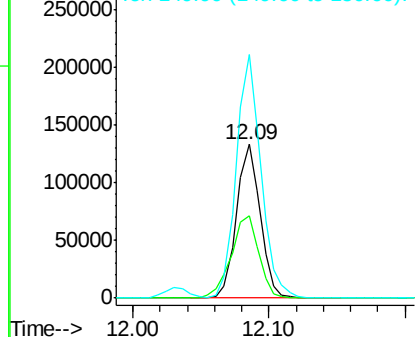
152 100

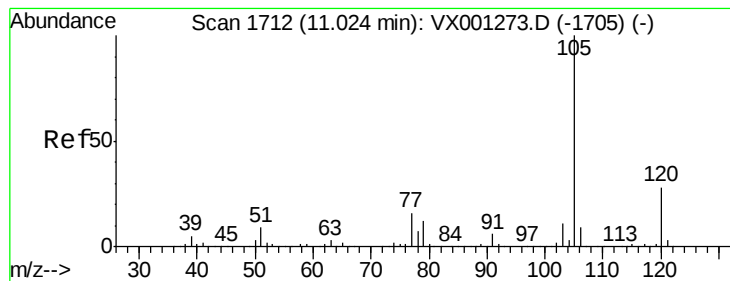
115 62.5 38.6 115.7

150 165.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

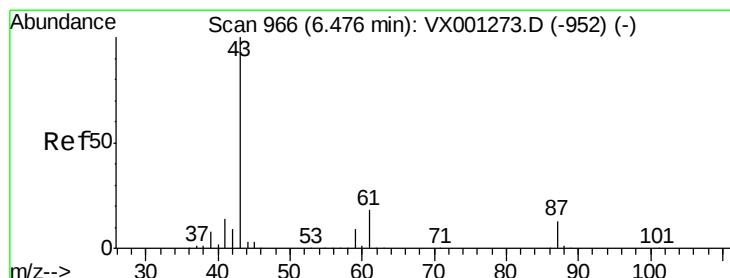
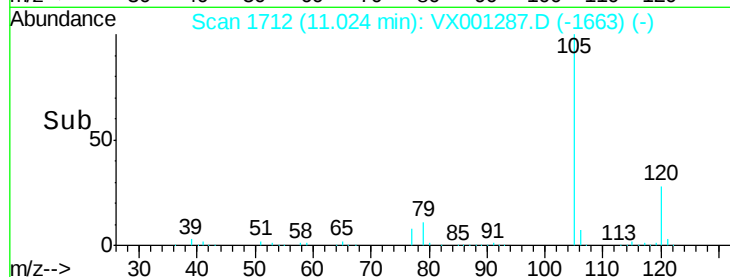
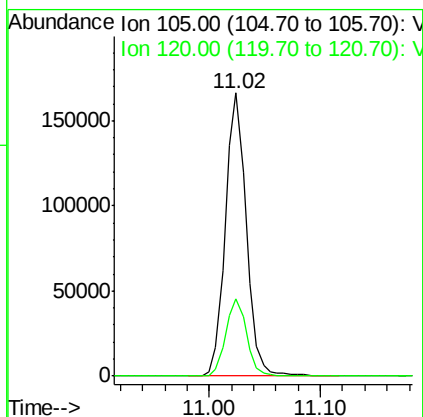
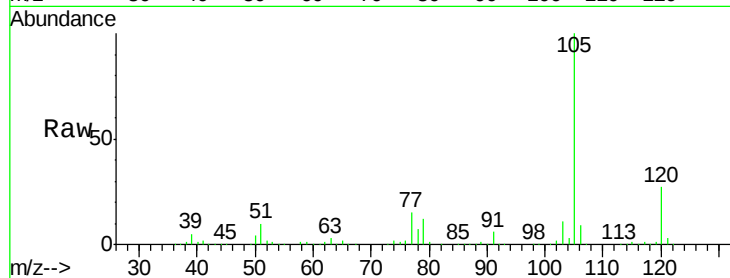
VX0501WBSD02

Tgt Ion:105 Resp: 216504

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 21.64 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Tgt Ion: 43 Resp: 100280

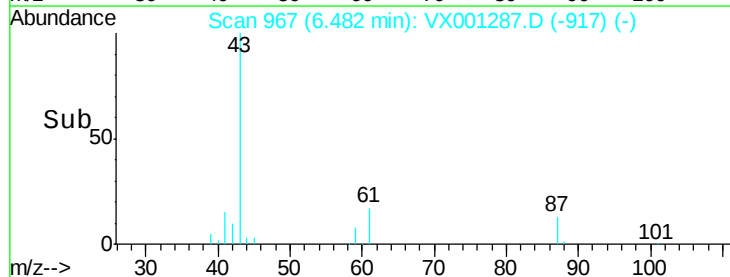
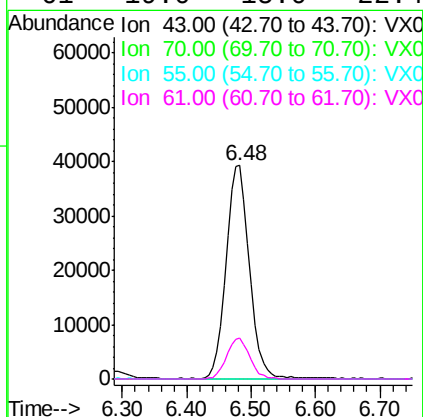
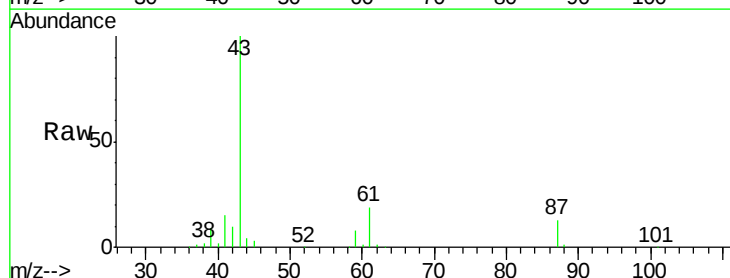
Ion Ratio Lower Upper

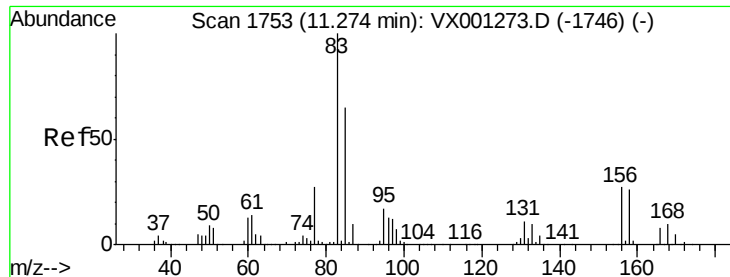
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampled :

VX0501WBSD02

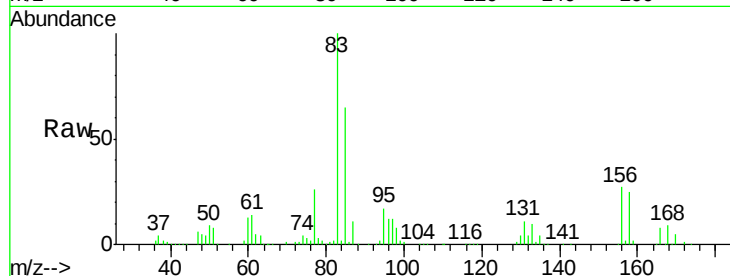
Tgt Ion: 83 Resp: 67996

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.3

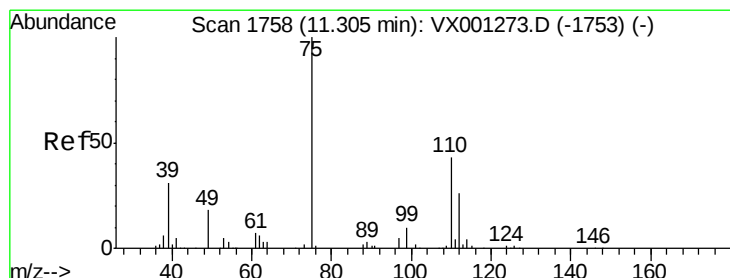
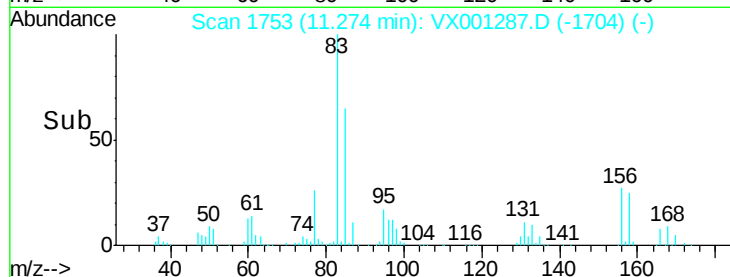
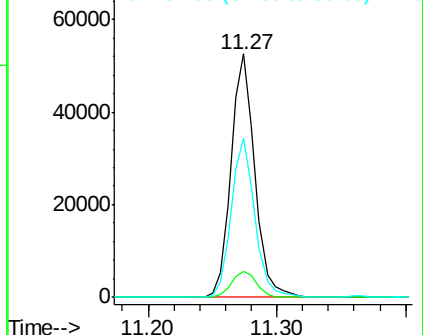
85 64.9 32.6 97.7



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: 24.74 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001287.D

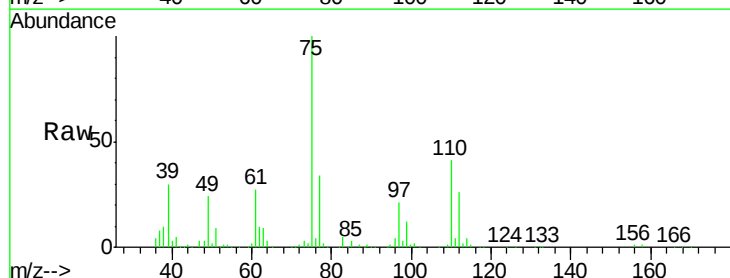
Acq: 01 May 2018 20:19

Tgt Ion: 75 Resp: 73880

Ion Ratio Lower Upper

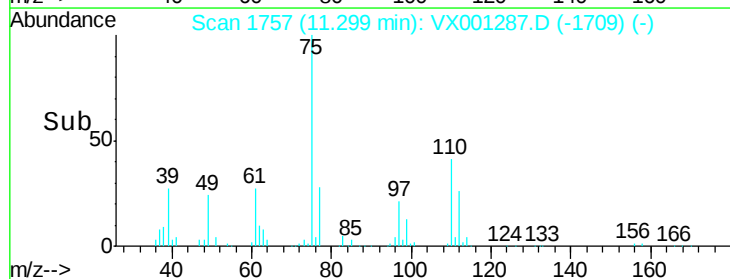
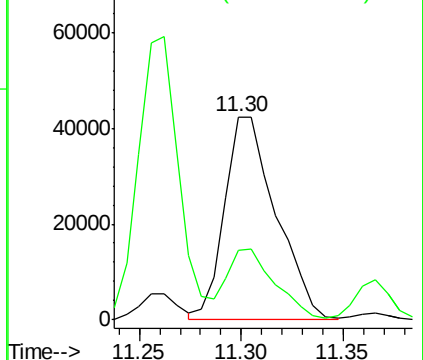
75 100

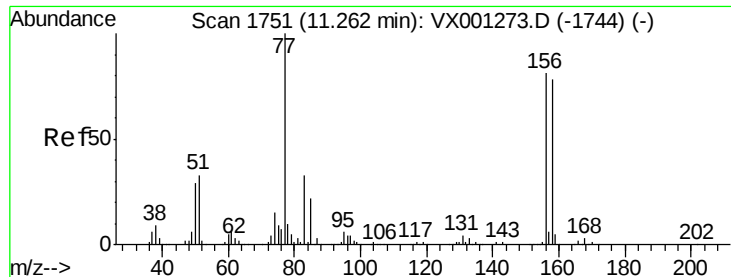
77 32.2 18.9 56.5



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: VX001287.D

Acq: 01 May 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD02

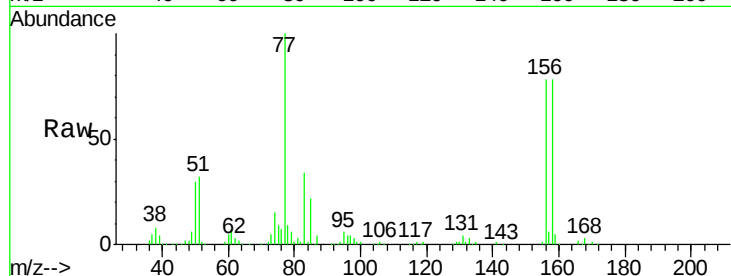
Tgt Ion:156 Resp: 62774

Ion Ratio Lower Upper

156 100

77 130.6 65.3 195.8

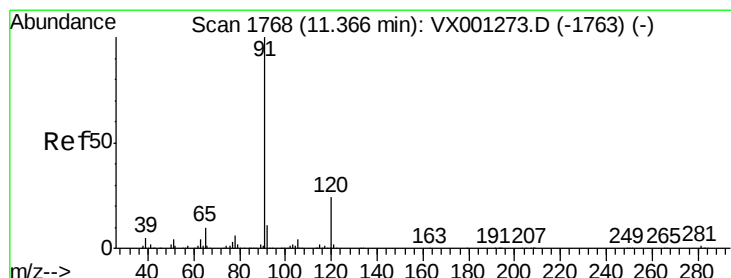
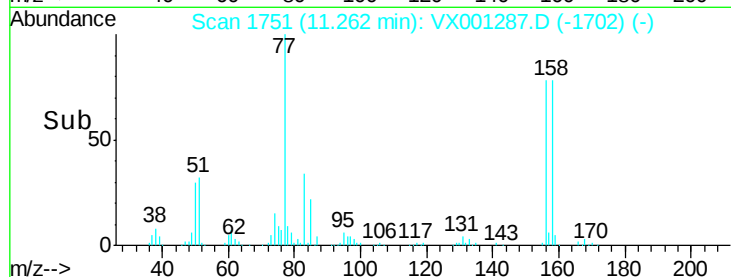
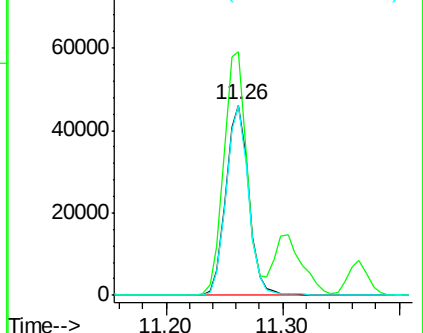
158 97.5 48.5 145.5



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: 20.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001287.D

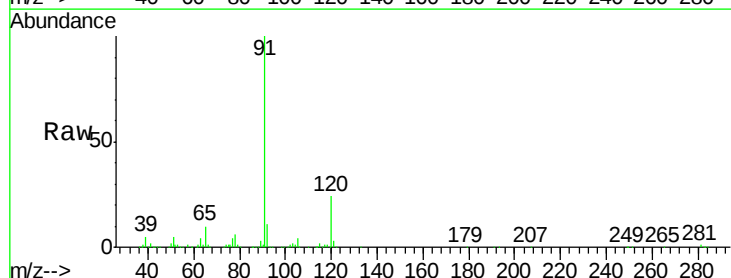
Acq: 01 May 2018 20:19

Tgt Ion: 91 Resp: 241747

Ion Ratio Lower Upper

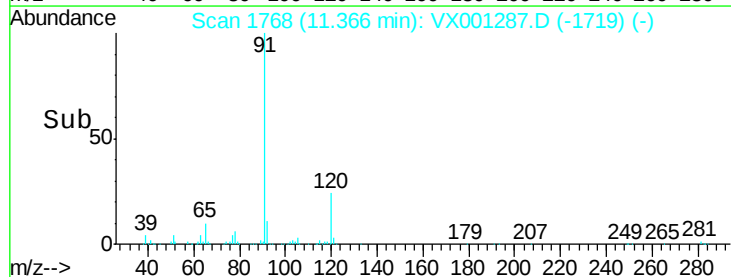
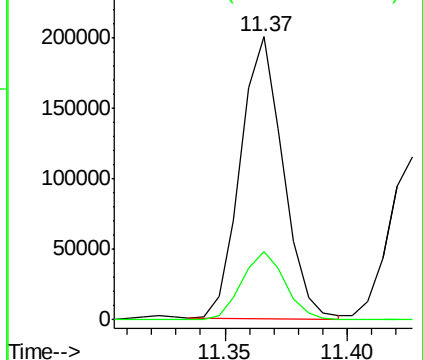
91 100

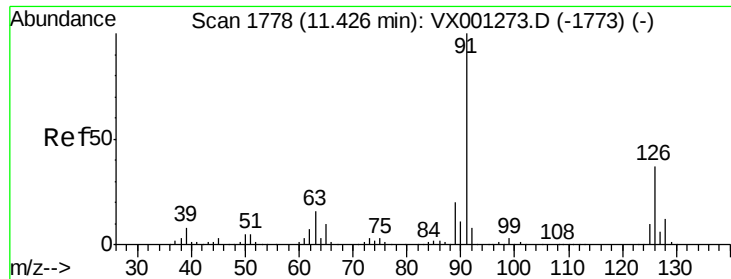
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

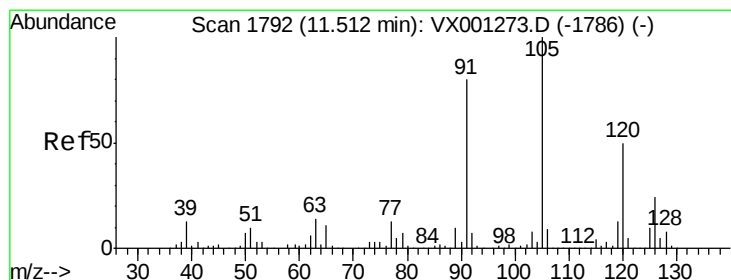
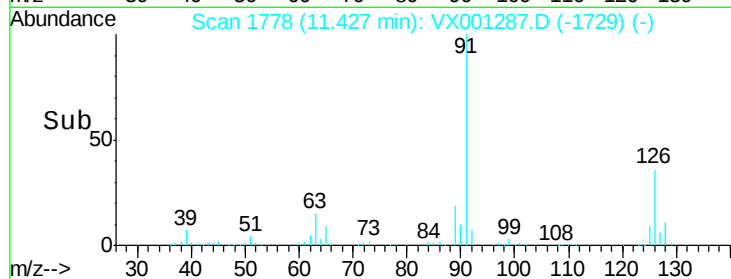
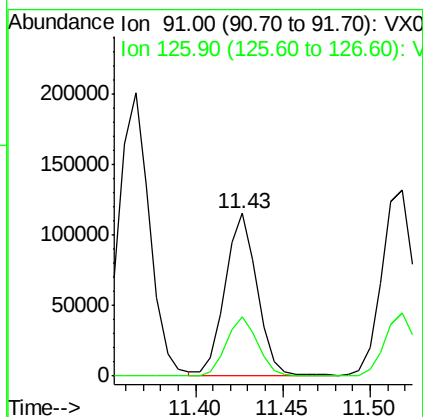
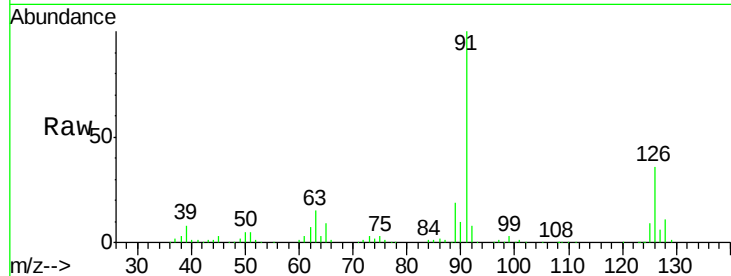




#79
2-Chlorotoluene
Concen: 20.18 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

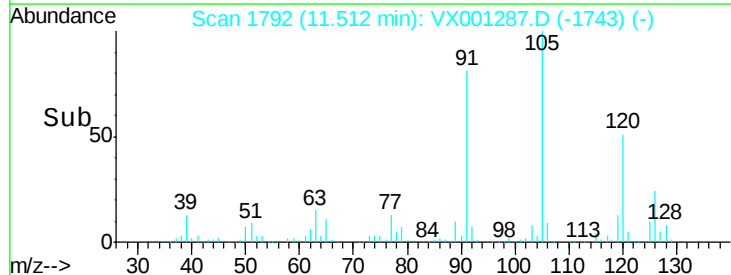
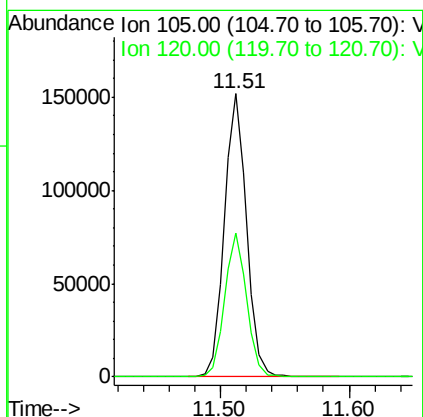
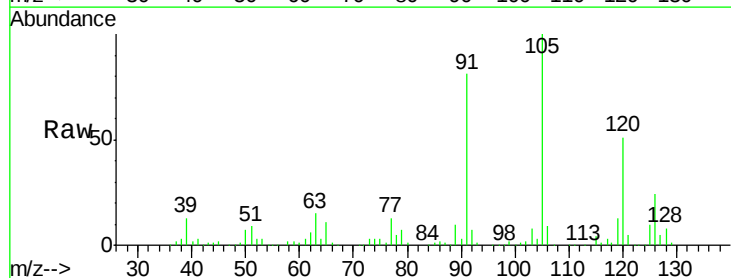
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

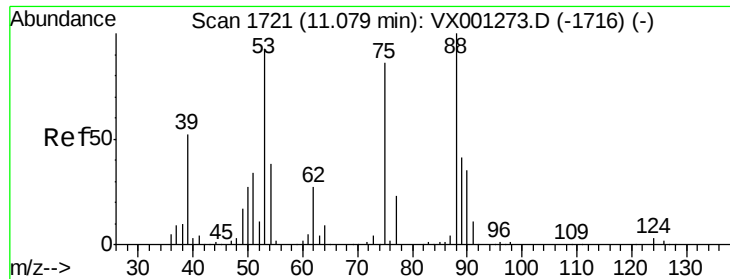
Tgt Ion: 91 Resp: 146192
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 20.27 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 105 Resp: 183928
Ion Ratio Lower Upper
105 100
120 50.4 24.6 74.0

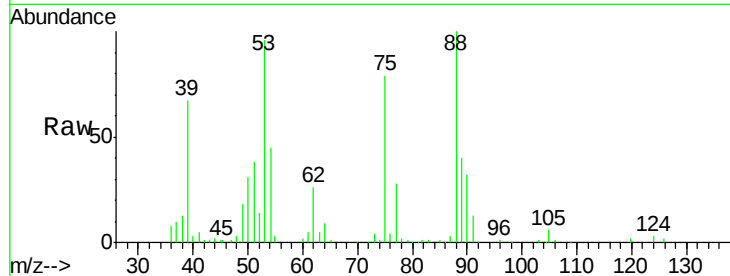




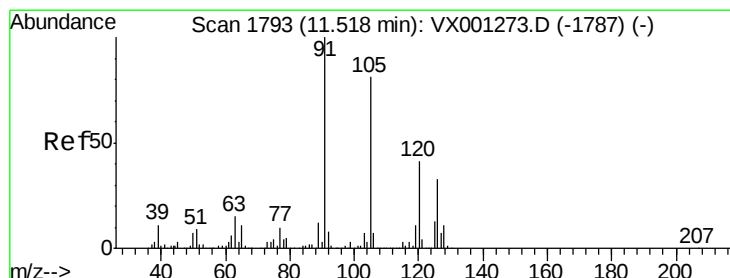
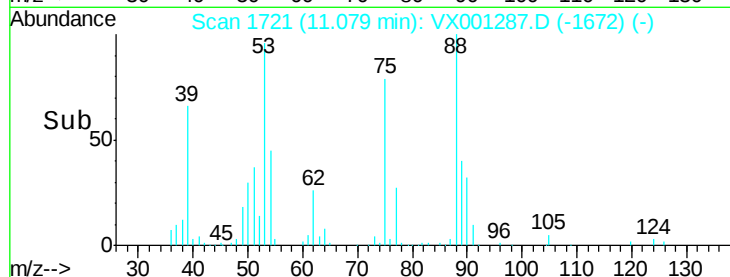
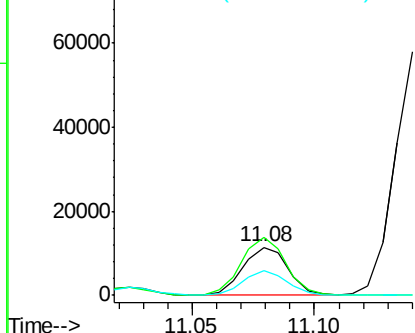
#81
trans-1,4-Dichloro-2-butene
Concen: 18.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion: 75 Resp: 14512
Ion Ratio Lower Upper
75 100
53 121.0 87.1 130.7
89 50.9 38.9 58.3

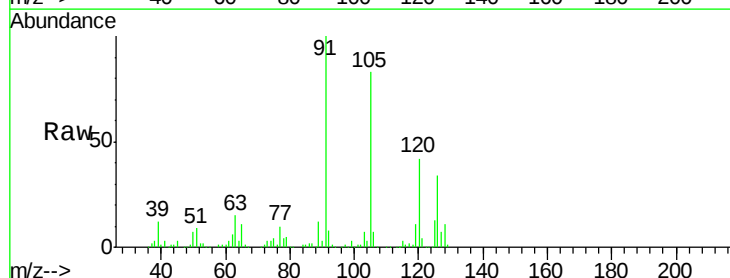


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

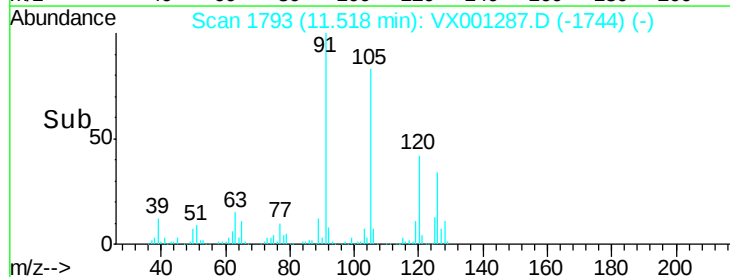
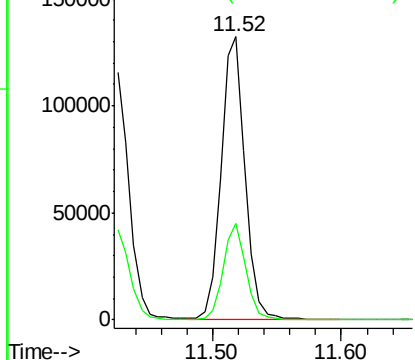


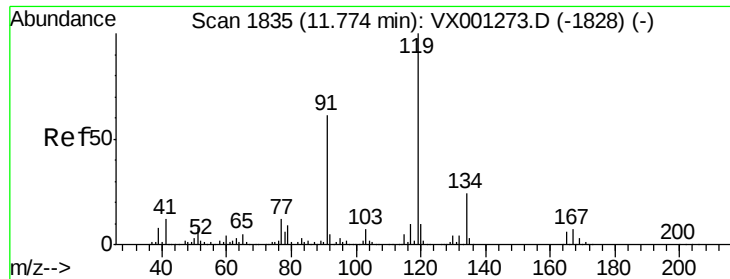
#82
4-Chlorotoluene
Concen: 19.82 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 91 Resp: 172749
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2



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

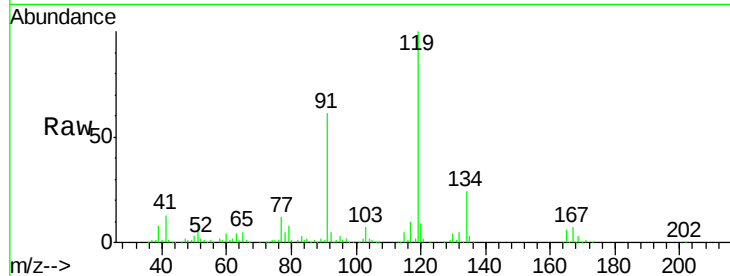




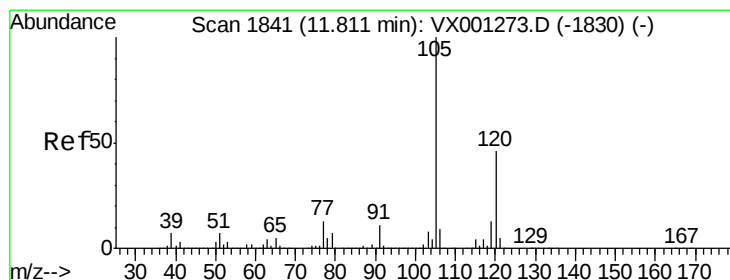
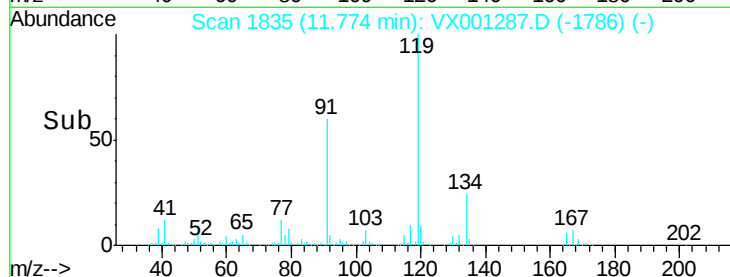
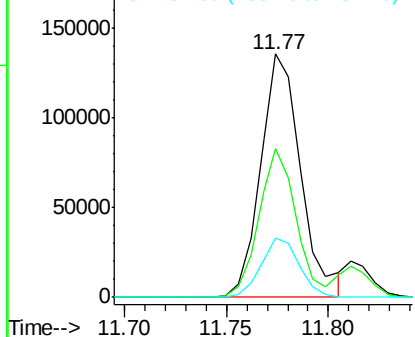
#83
 tert-Butylbenzene
 Concen: 20.46 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tgt Ion:119 Resp: 185115
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.1 84.3
 134 23.3 11.8 35.3

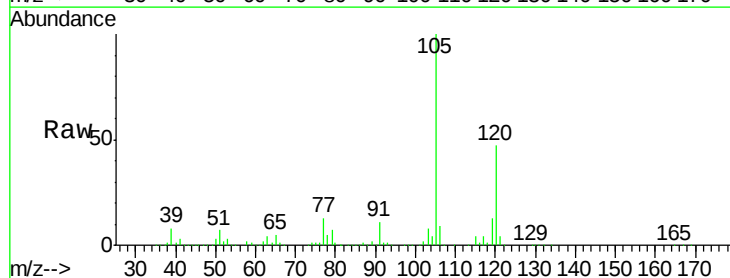


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

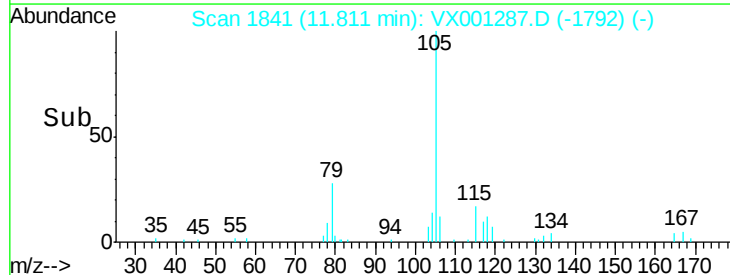
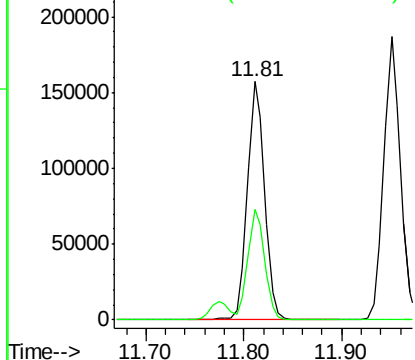


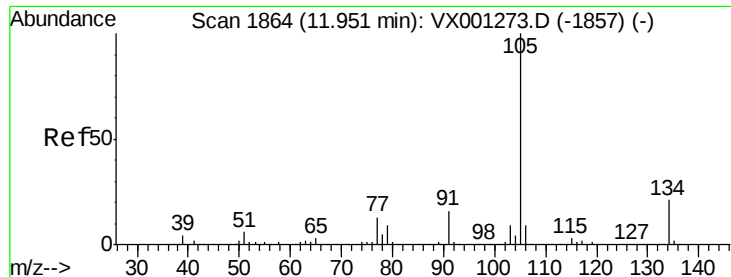
#84
 1,2,4-Trimethylbenzene
 Concen: 20.65 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion:105 Resp: 191978
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

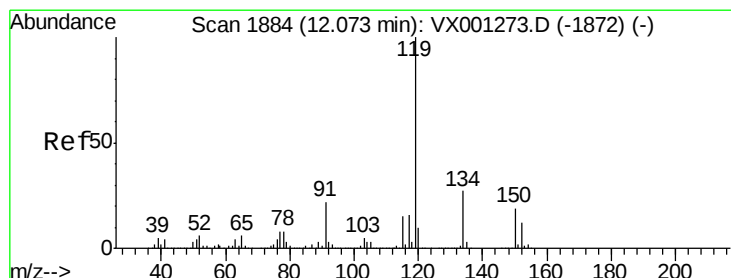
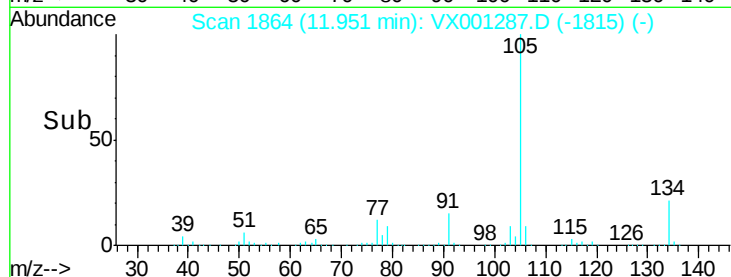
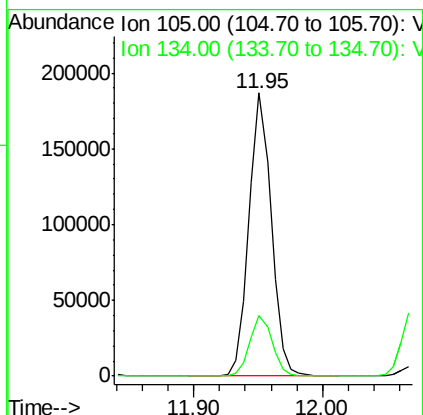
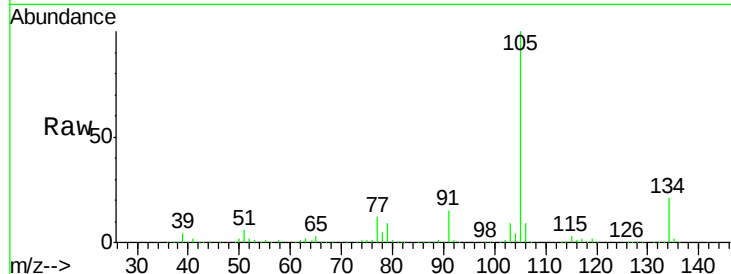




#85
 sec-Butylbenzene
 Concen: 20.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

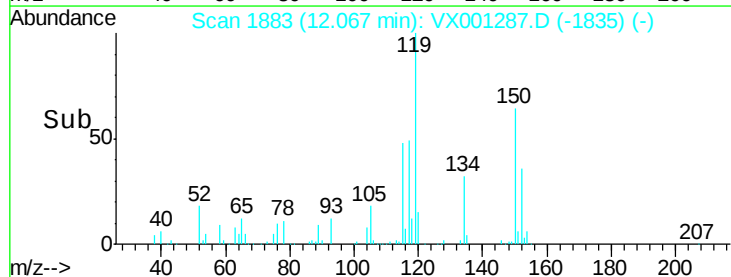
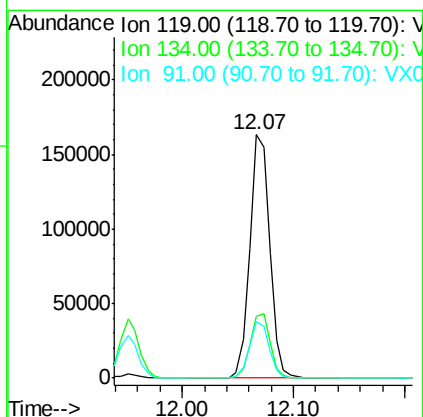
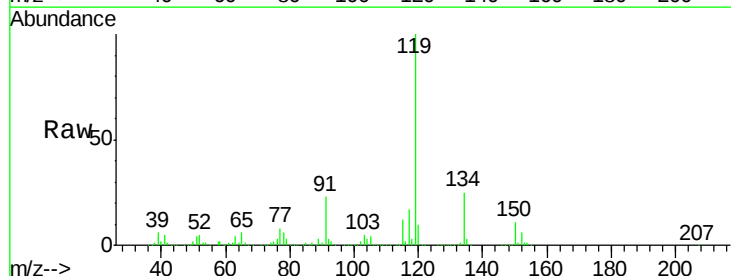
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

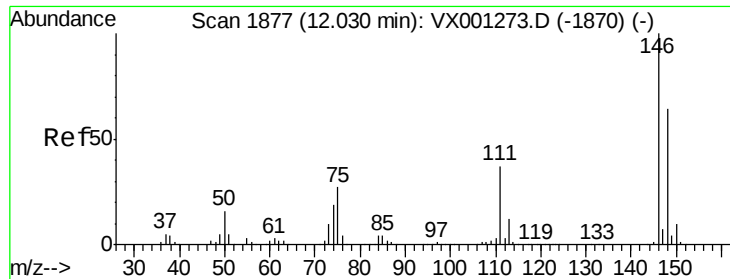
Tgt Ion:105 Resp: 221832
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.39 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion:119 Resp: 202448
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 23.1 11.7 35.1

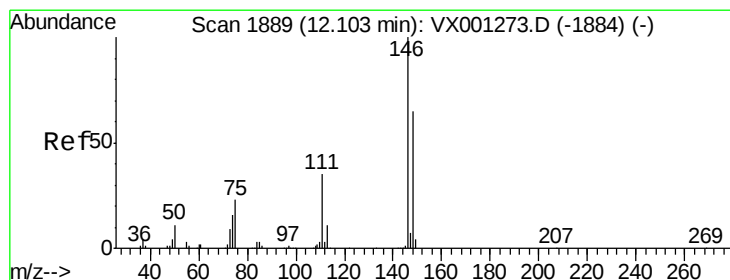
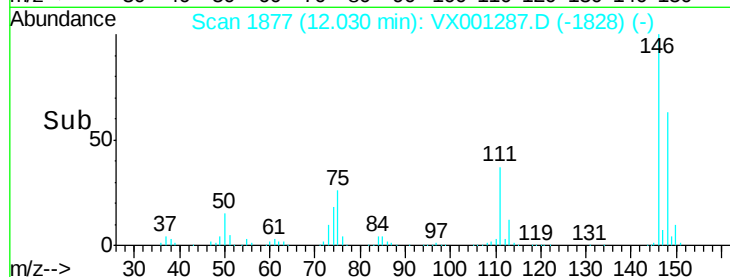
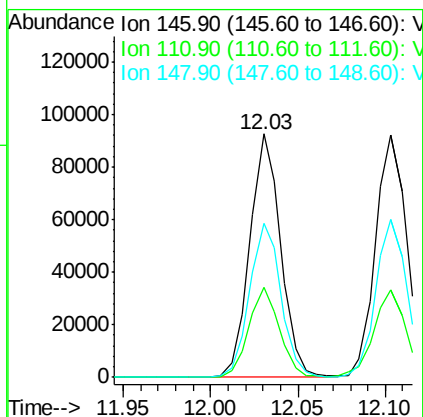
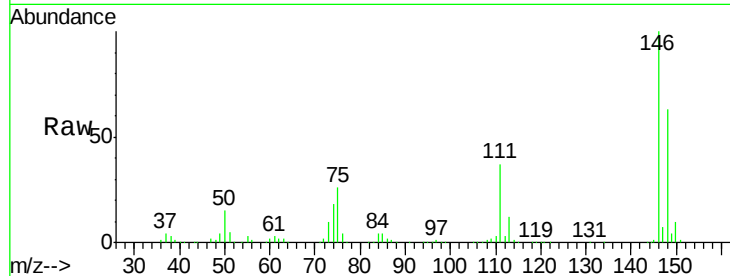




#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

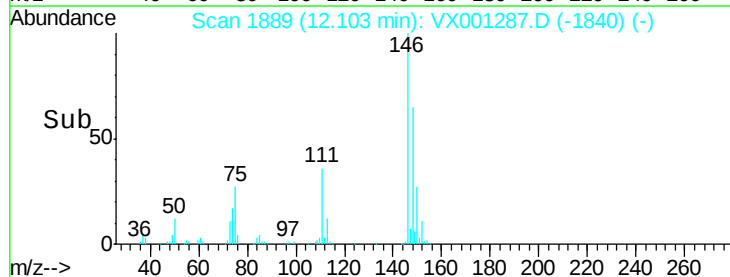
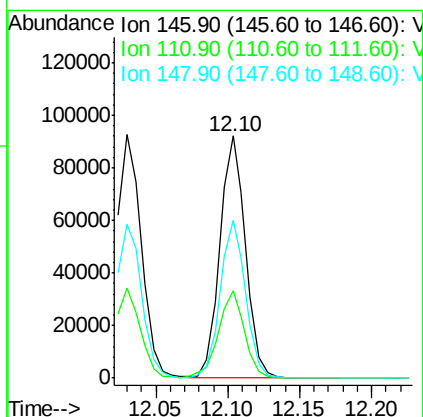
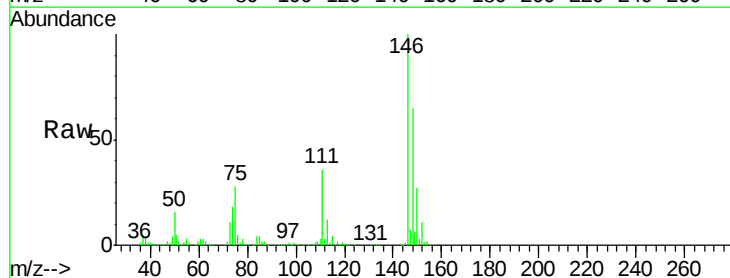
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tgt Ion:146 Resp: 113982
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.19 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion:146 Resp: 115103
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.9 53.7
 148 64.8 32.3 96.8

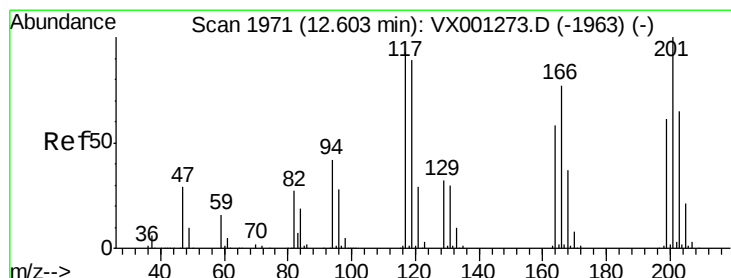
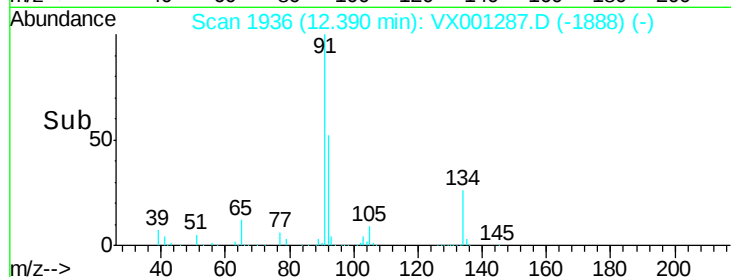
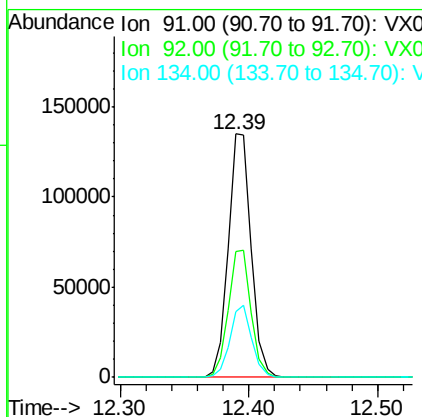
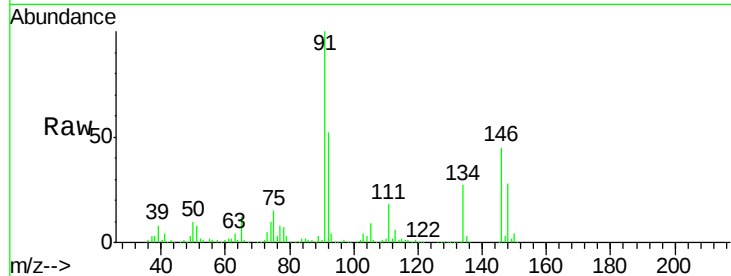




#89
n-Butylbenzene
Concen: 19.48 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

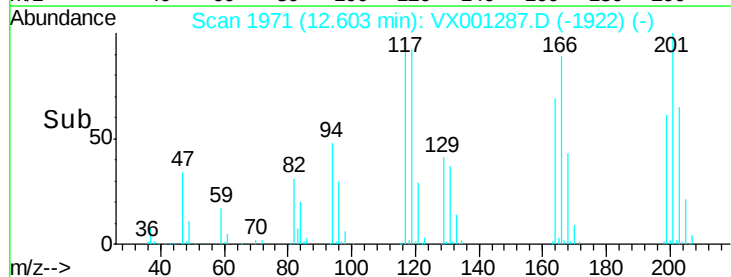
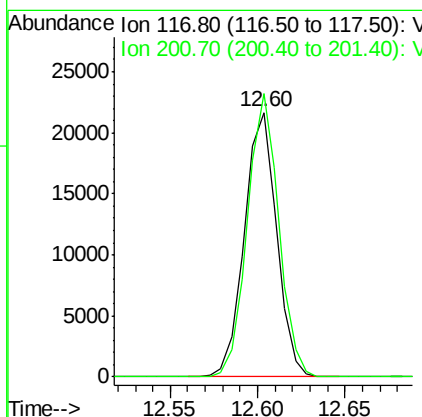
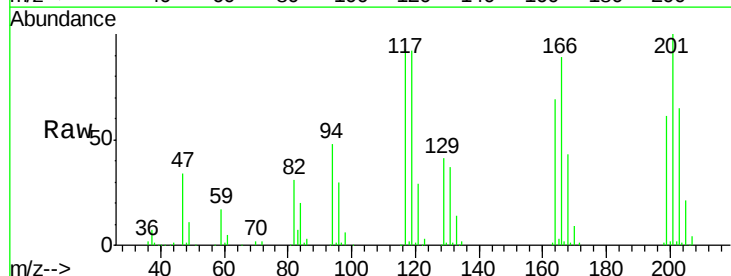
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion: 91 Resp: 168843
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 28.1 14.0 42.0



#90
Hexachloroethane
Concen: 19.30 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion: 117 Resp: 27751
Ion Ratio Lower Upper
117 100
201 104.1 51.6 154.8

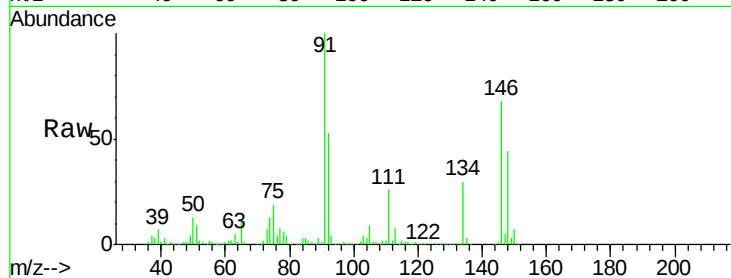




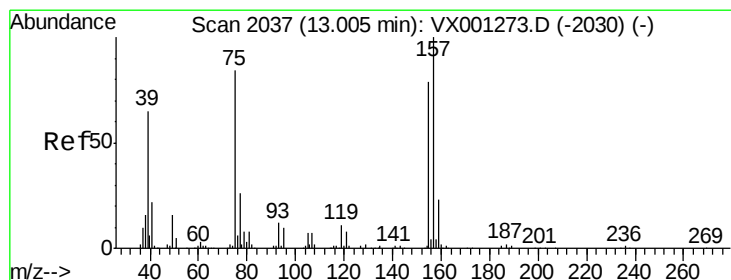
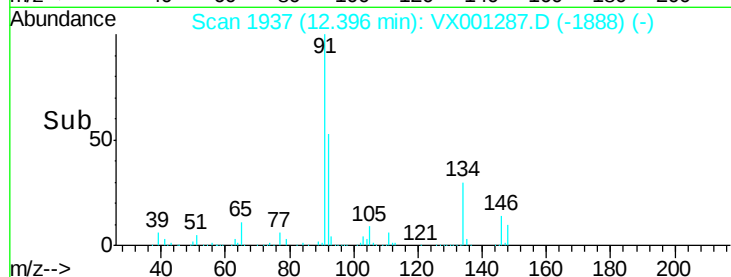
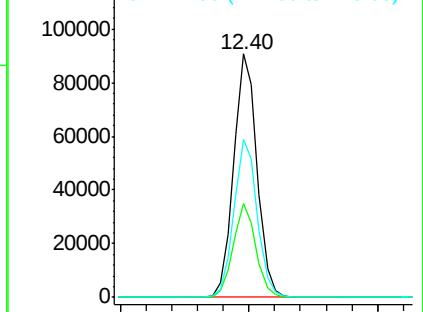
#91
 1,2-Dichlorobenzene
 Concen: 19.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

Tgt Ion:146 Resp: 114556
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.5
 148 64.5 32.4 97.0

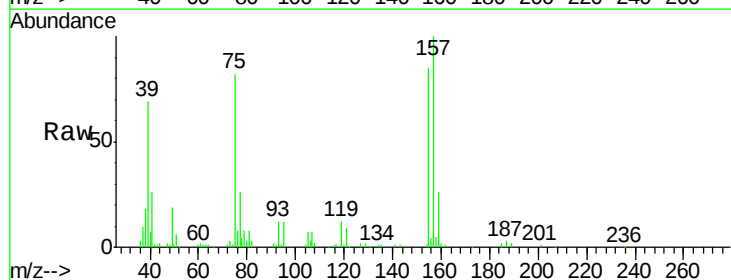


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

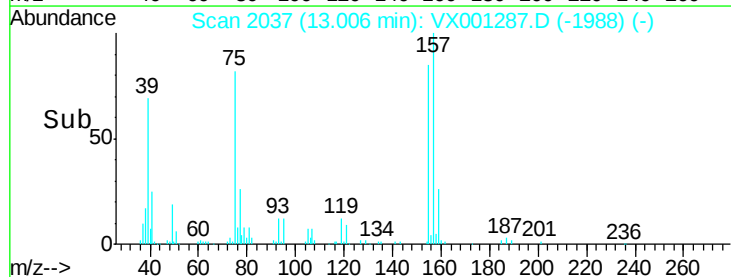
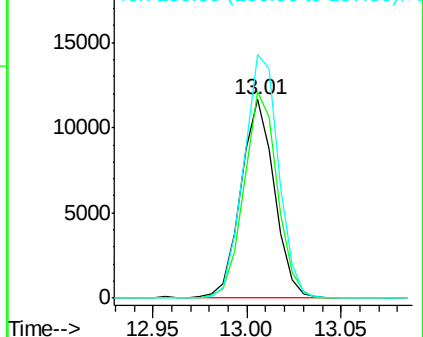


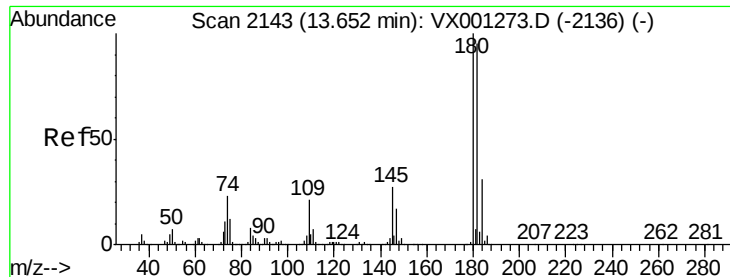
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.96 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion: 75 Resp: 14366
 Ion Ratio Lower Upper
 75 100
 155 102.8 49.9 149.7
 157 127.2 63.7 191.1



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

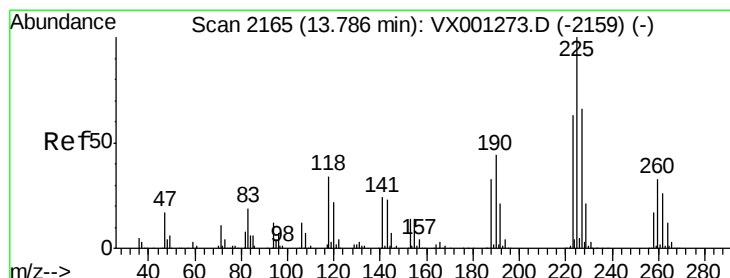
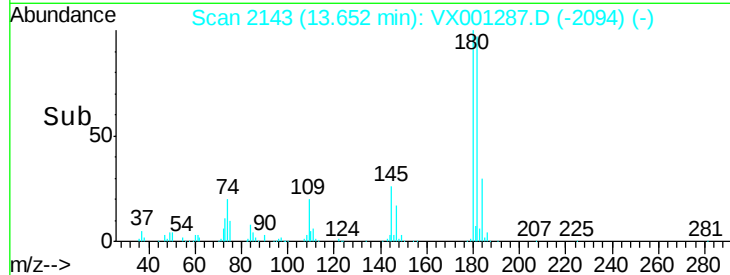
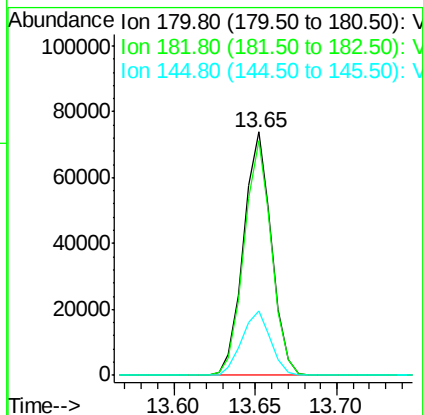
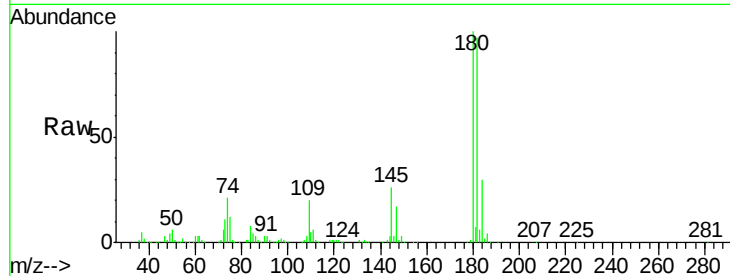




#93
 1,2,4-Trichlorobenzene
 Concen: 18.86 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

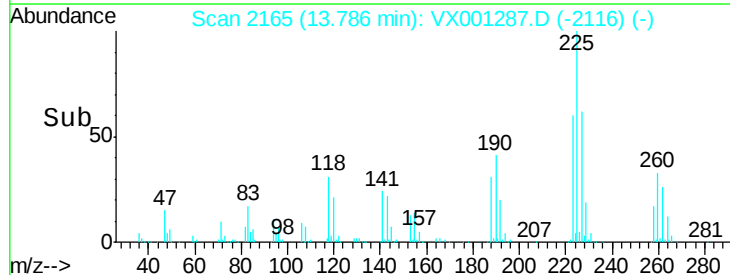
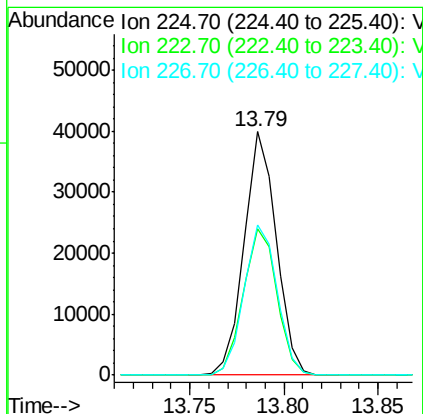
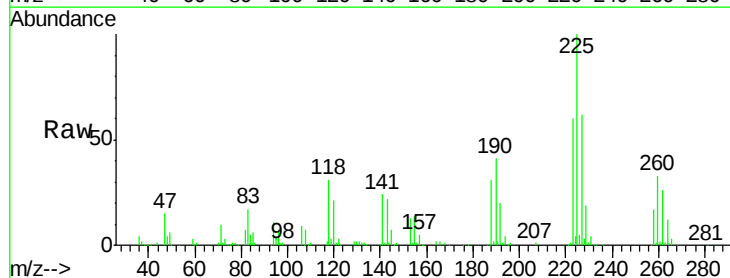
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD02

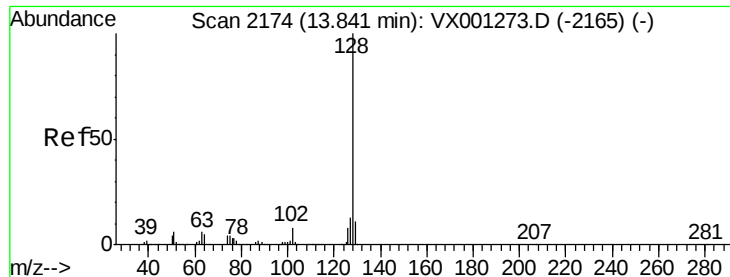
Tgt Ion:180 Resp: 87848
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 27.3 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 19.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001287.D
 Acq: 01 May 2018 20:19

Tgt Ion:225 Resp: 47478
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.0
 227 63.7 32.5 97.5

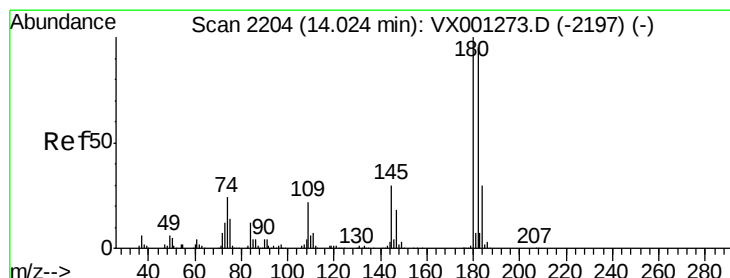
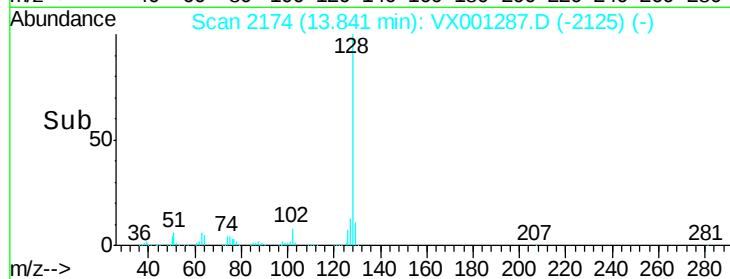
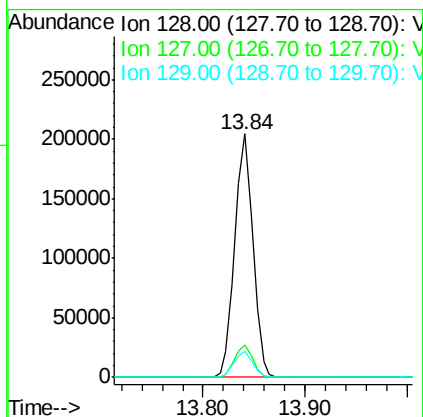
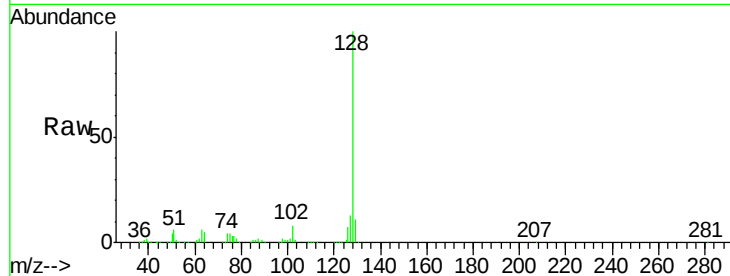




#95
Naphthalene
Concen: 21.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD02

Tgt Ion:128 Resp: 249676
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.71 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001287.D
Acq: 01 May 2018 20:19

Tgt Ion:180 Resp: 90121
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.3
145 29.0 14.4 43.4

