

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002506.D
 Acq On : 13 Jun 2018 13:03
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:43:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157117	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	122885	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	8.72	98	460606	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
62) 4-Bromofluorobenzene	11.14	95	173036	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47271	18.65	ug/l	98
3) Chloromethane	1.32	50	56274	17.51	ug/l	99
4) Vinyl Chloride	1.41	62	63620	19.91	ug/l	100
5) Bromomethane	1.64	94	37150	18.44	ug/l	97
6) Chloroethane	1.72	64	42317	20.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	112845	23.18	ug/l	97
8) Diethyl Ether	2.19	74	40661	22.17	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62660	23.86	ug/l	99
10) Methyl Iodide	2.51	142	58817	15.92	ug/l	98
11) Tert butyl alcohol	3.07	59	86922	110.60	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55681	21.45	ug/l	99
13) Acrolein	2.29	56	23900	61.68	ug/l	99
14) Allyl chloride	2.73	41	112382	19.95	ug/l	99
15) Acrylonitrile	3.15	53	180499	116.45	ug/l	100
16) Acetone	2.45	43	189932	116.41	ug/l	98
17) Carbon Disulfide	2.57	76	114387	16.72	ug/l	99
18) Methyl Acetate	2.78	43	88165	23.83	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	216970	22.70	ug/l	100
20) Methylene Chloride	2.86	84	64649	21.90	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	59760	20.88	ug/l	95
22) Diisopropyl ether	3.88	45	196778	20.02	ug/l	100
23) Vinyl Acetate	3.83	43	840184	92.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	119898	21.53	ug/l	99
25) 2-Butanone	4.71	43	234051	97.89	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79900	18.36	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59174	19.01	ug/l	98
28) Bromochloromethane	5.03	49	54406	20.90	ug/l	100
29) Tetrahydrofuran	5.17	42	145063	94.11	ug/l	99
30) Chloroform	5.22	83	107276	19.97	ug/l	97
31) Cyclohexane	5.58	56	84194	19.12	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	90136	19.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73418	19.78	ug/l	99
37) Ethyl Acetate	4.87	43	89291	20.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	76959	19.82	ug/l	99

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:43:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86770	19.09	ug/l	99
40) Benzene	6.15	78	227395	19.98	ug/l	98
41) Methacrylonitrile	5.07	41	49362	19.32	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91137	20.16	ug/l	100
43) Isopropyl Acetate	6.47	43	146116	19.27	ug/l	99
44) Trichloroethene	7.21	130	64230	20.34	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61864	20.14	ug/l	98
46) Dibromomethane	7.67	93	41836	20.09	ug/l	97
47) Bromodichloromethane	7.90	83	73663	19.56	ug/l	97
48) Methyl methacrylate	7.78	41	74976	19.69	ug/l	97
49) 1,4-Dioxane	7.76	88	29050	408.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491418	104.09	ug/l	99
52) Toluene	8.79	92	148308	20.49	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87002	19.26	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	79031	18.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	61265	20.58	ug/l	99
56) Ethyl methacrylate	9.18	69	92974	19.56	ug/l	99
57) 1,3-Dichloropropane	9.37	76	101075	20.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247528	112.53	ug/l	100
59) 2-Hexanone	9.50	43	377918	103.64	ug/l	99
60) Dibromochloromethane	9.59	129	58998	19.70	ug/l	97
61) 1,2-Dibromoethane	9.68	107	63942	20.60	ug/l	98
64) Tetrachloroethene	9.34	164	71216	20.17	ug/l	99
65) Chlorobenzene	10.14	112	169944	19.95	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60220	19.52	ug/l	99
67) Ethyl Benzene	10.26	91	291006	20.41	ug/l	99
68) m/p-Xylenes	10.36	106	224582	40.52	ug/l	99
69) o-Xylene	10.70	106	111036	20.13	ug/l	98
70) Styrene	10.71	104	183393	20.34	ug/l	99
71) Bromoform	10.86	173	43129	17.99	ug/l #	99
73) Isopropylbenzene	11.02	105	305724	20.41	ug/l	100
74) N-amyl acetate	6.47	43	146116	18.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92557	19.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105947	22.43	ug/l	80
77) Bromobenzene	11.26	156	81185	19.31	ug/l	98
78) n-propylbenzene	11.37	91	349620	21.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	205041	19.51	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	253656	19.75	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21602	16.03	ug/l	86
82) 4-Chlorotoluene	11.51	91	239658	19.75	ug/l	100
83) tert-Butylbenzene	11.77	119	251366	20.09	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	264872	20.03	ug/l	99
85) sec-Butylbenzene	11.95	105	315800	21.53	ug/l	100
86) p-Isopropyltoluene	12.07	119	282392	21.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148527	19.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153990	19.87	ug/l	99
89) n-Butylbenzene	12.39	91	246448	22.00	ug/l	99
90) Hexachloroethane	12.60	117	38131	17.88	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	154784	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19258	18.70	ug/l	99

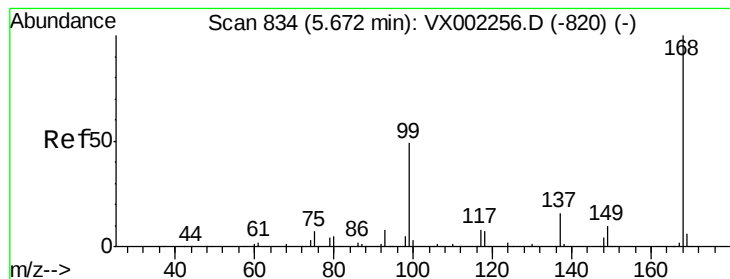
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:43:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109784	20.13	ug/l	100
94) Hexachlorobutadiene	13.79	225	60856	22.58	ug/l	97
95) Naphthalene	13.84	128	311044	19.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112336	20.20	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

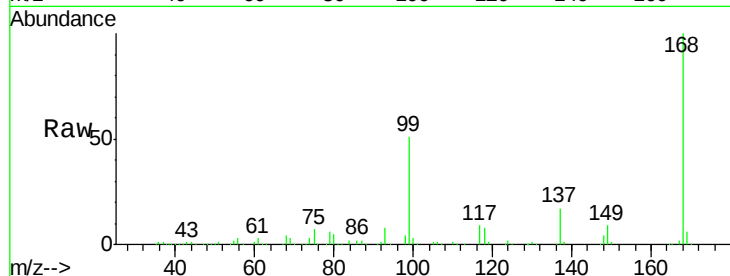
ClientSampleId :

Tot Ion:168 Resp: 243840

Ion Ratio Lower Upper

168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

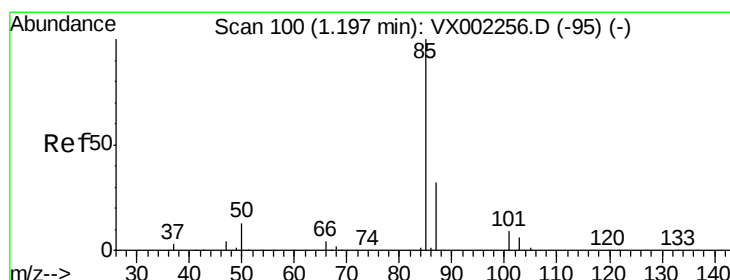
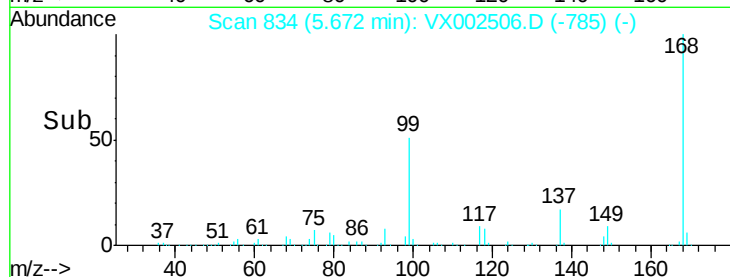
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002506.D

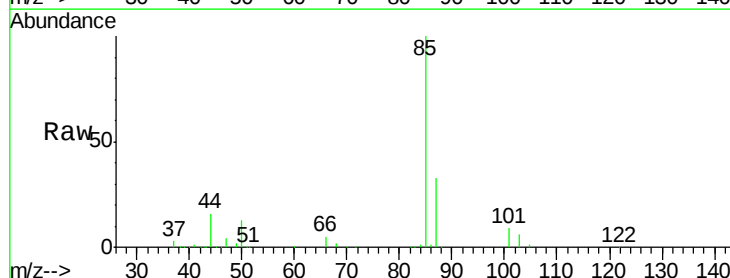
Acq: 13 Jun 2018 13:03

Tgt Ion: 85 Resp: 47271

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

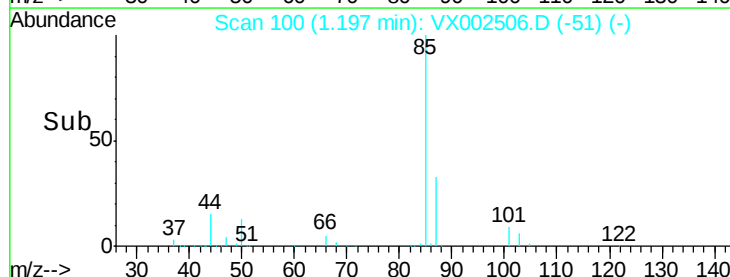
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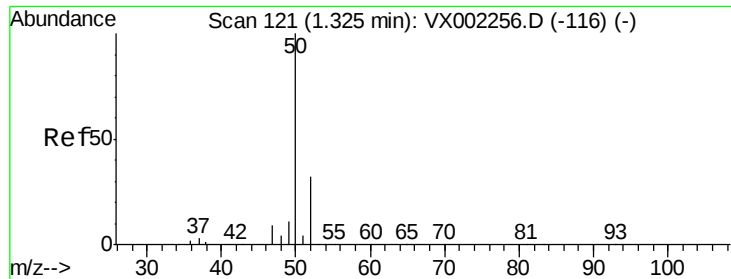
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

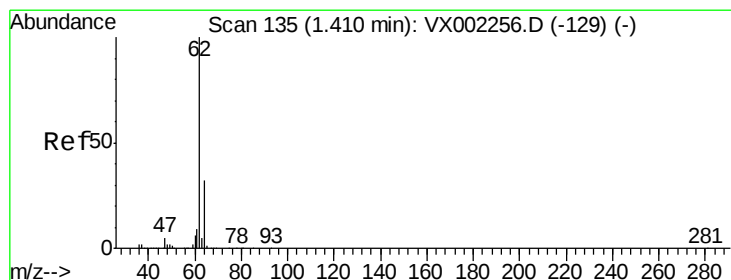
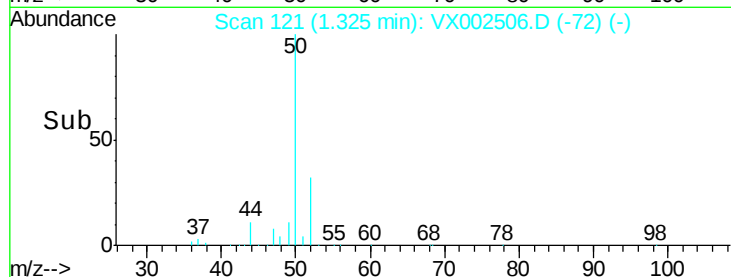
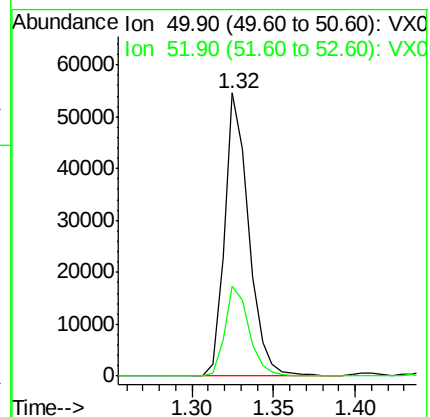
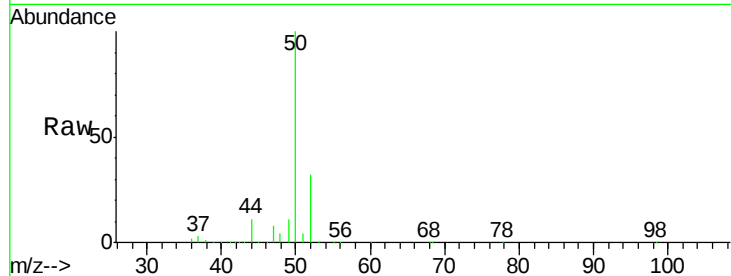
ClientSampleId :

Tot Ion: 50 Resp: 56274

Ion Ratio Lower Upper

50 100

52 31.7 25.7 38.5



#4

Vinyl Chloride

Concen: 19.91 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002506.D

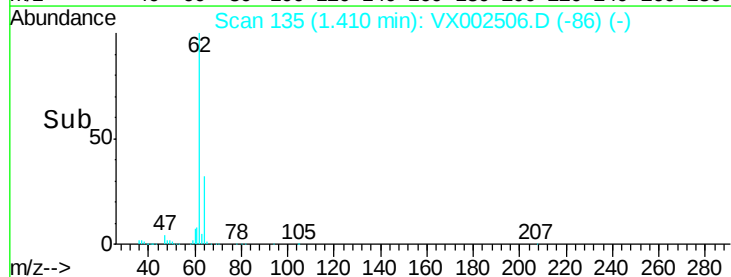
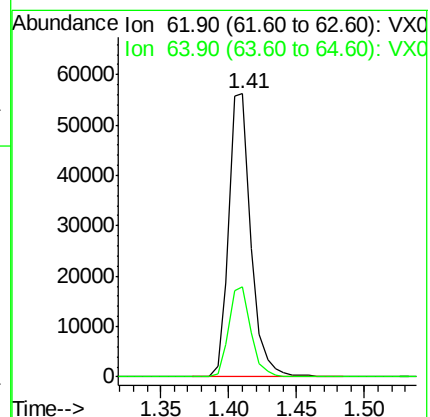
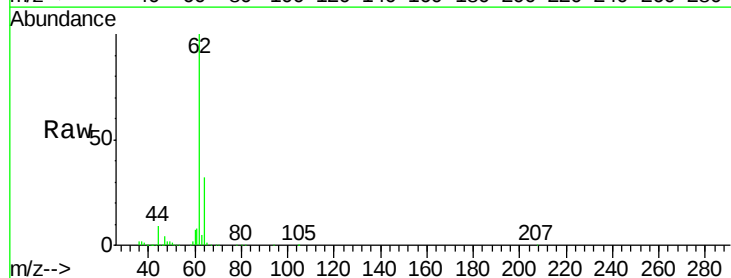
Acq: 13 Jun 2018 13:03

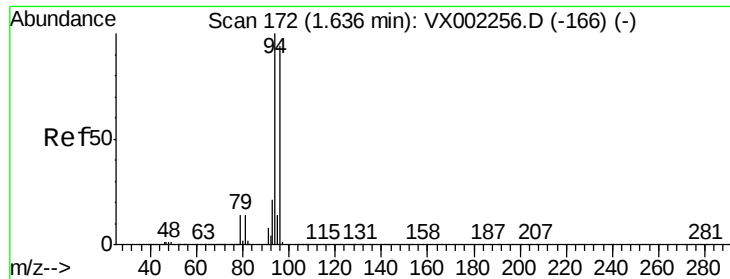
Tgt Ion: 62 Resp: 63620

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 18.44 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

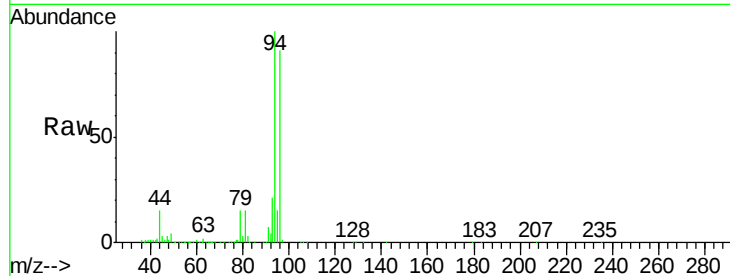
ClientSampled :

Tot Ion: 94 Resp: 37150

Ion Ratio Lower Upper

94 100

96 90.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

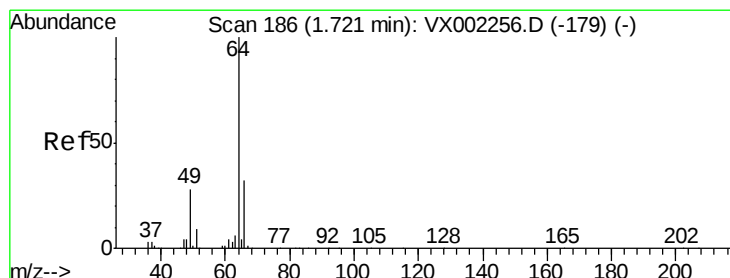
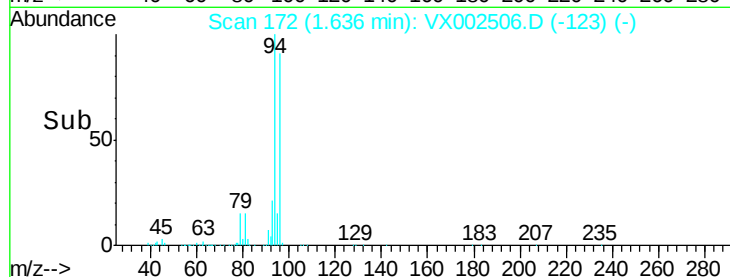
20000

10000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 20.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002506.D

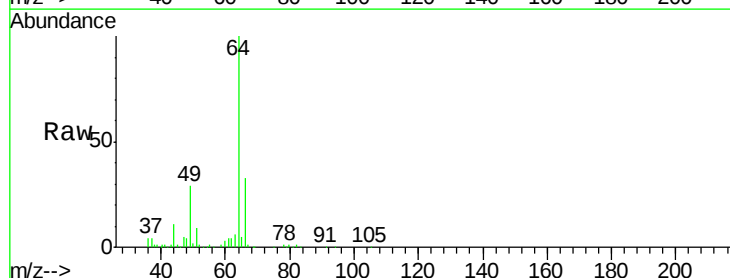
Acq: 13 Jun 2018 13:03

Tgt Ion: 64 Resp: 42317

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

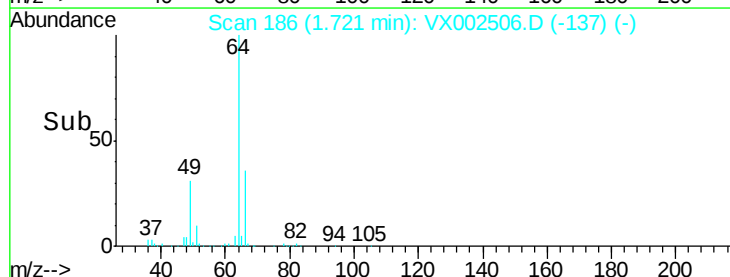
20000

10000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

Trichlorofluoromethane

Concen: 23.18 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

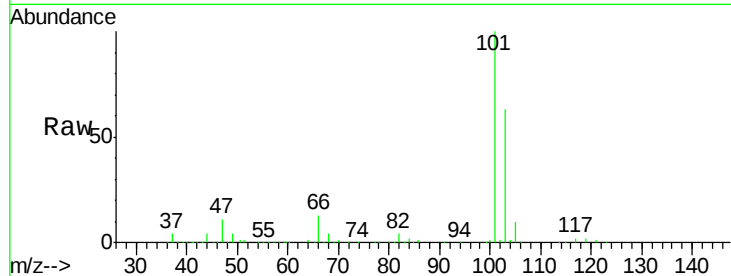
ClientSampleId :

Tot Ion:101 Resp: 112845

Ion Ratio Lower Upper

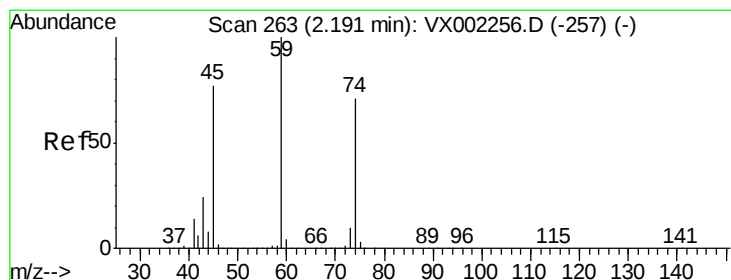
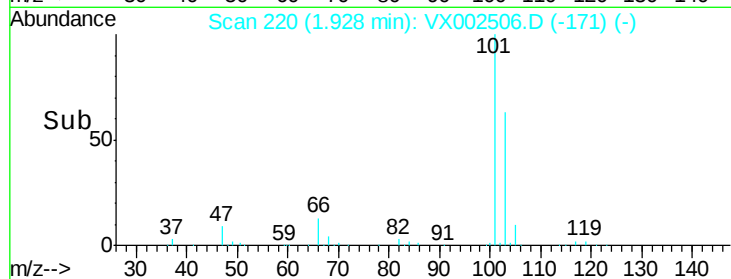
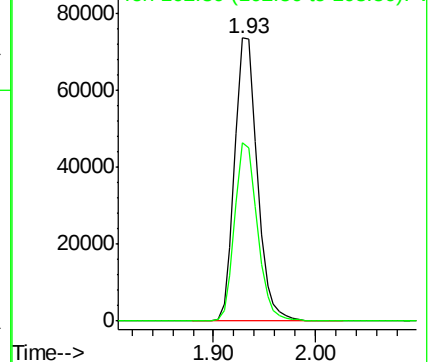
101 100

103 63.3 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.17 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002506.D

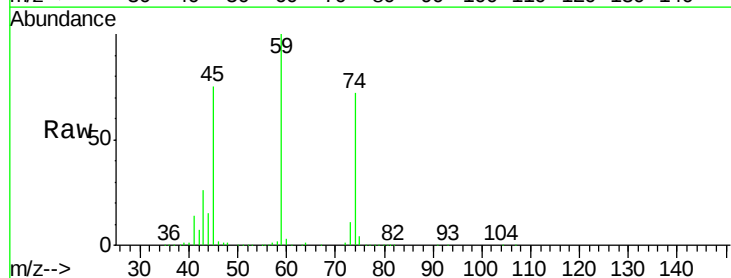
Acq: 13 Jun 2018 13:03

Tgt Ion: 74 Resp: 40661

Ion Ratio Lower Upper

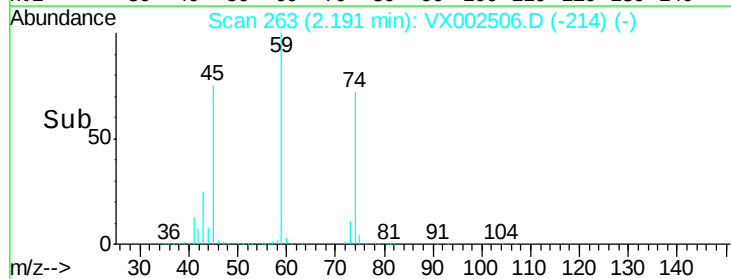
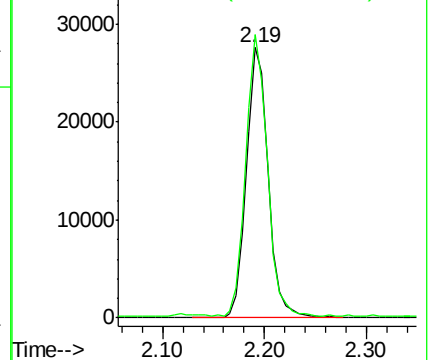
74 100

45 102.7 53.1 159.4



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: 23.86 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

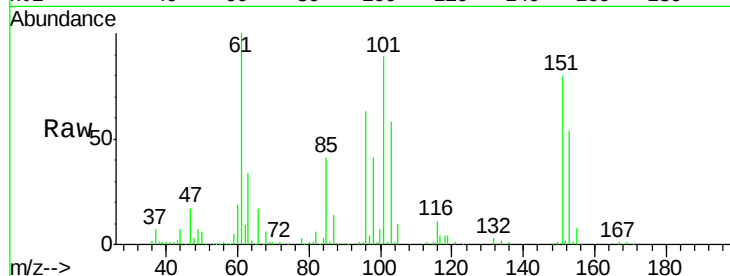
Tot Ion:101 Resp: 62660

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

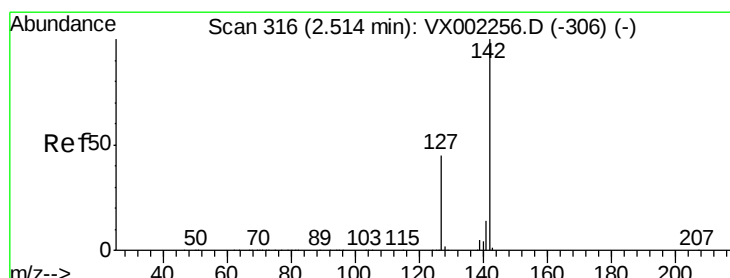
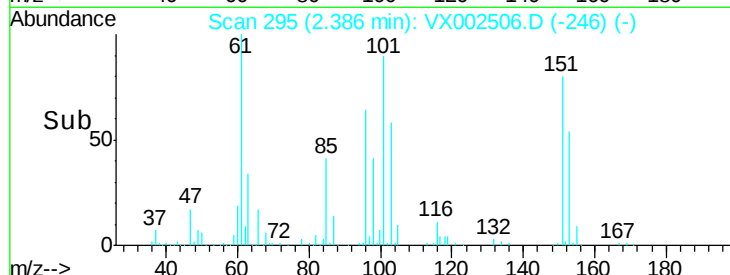
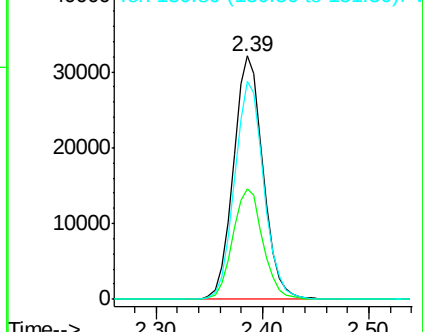
151 88.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.92 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

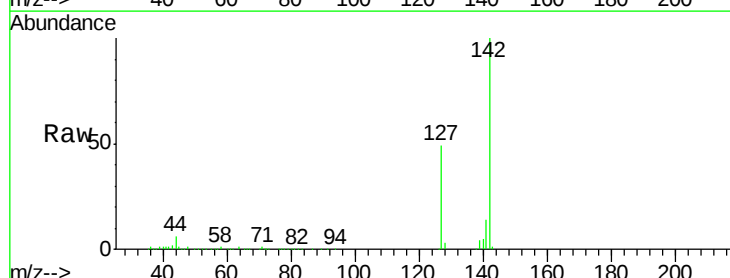
Tgt Ion:142 Resp: 58817

Ion Ratio Lower Upper

142 100

127 47.2 36.6 55.0

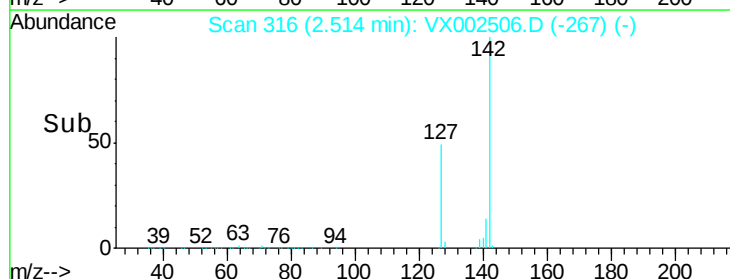
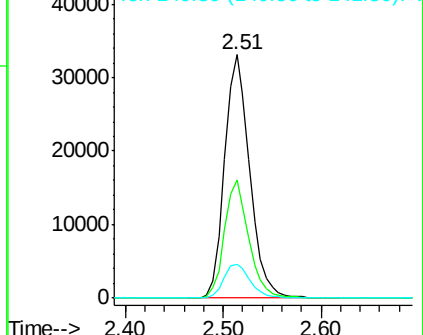
141 14.6 11.3 16.9

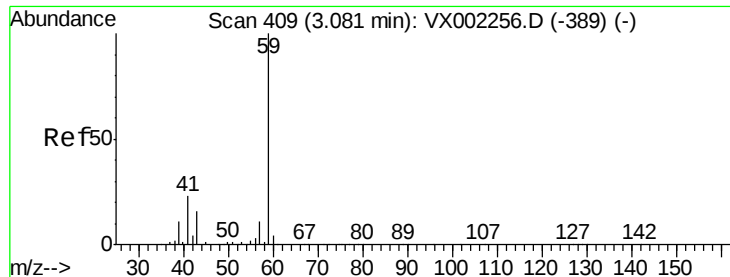


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

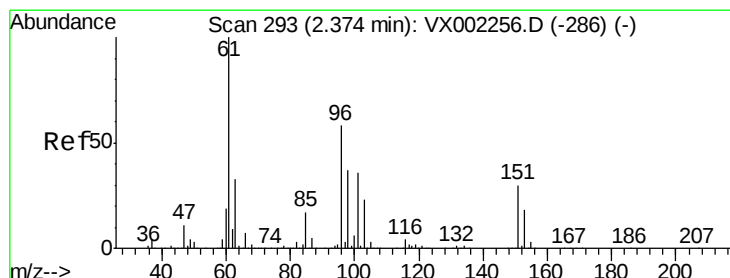
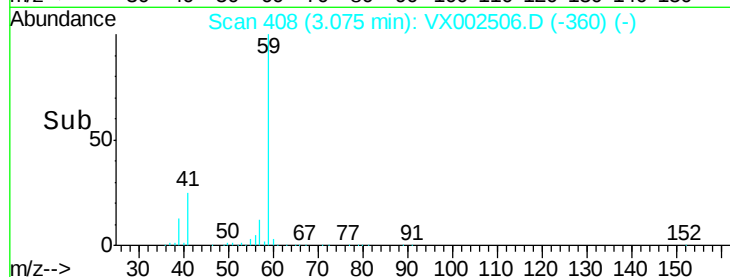
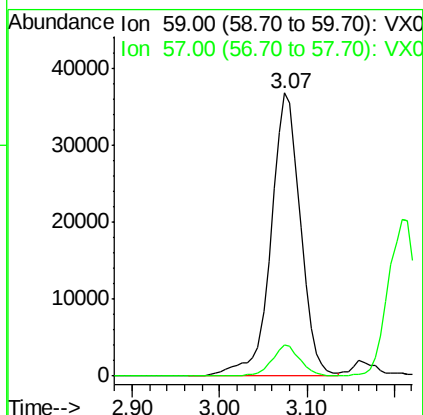
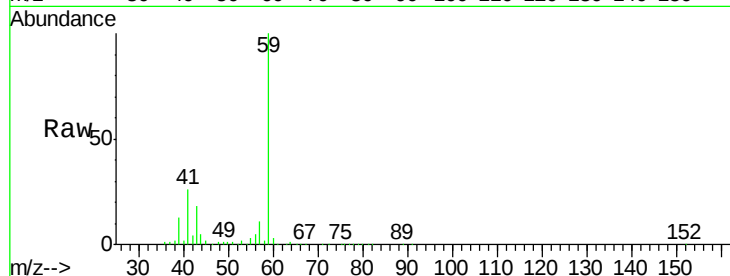




#11
Tert butyl alcohol
Concen: 110.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

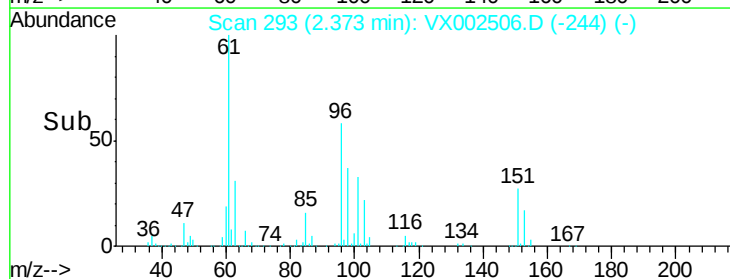
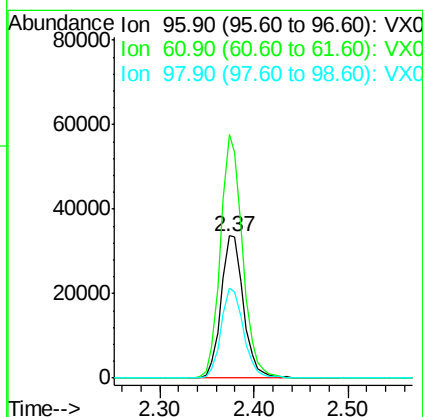
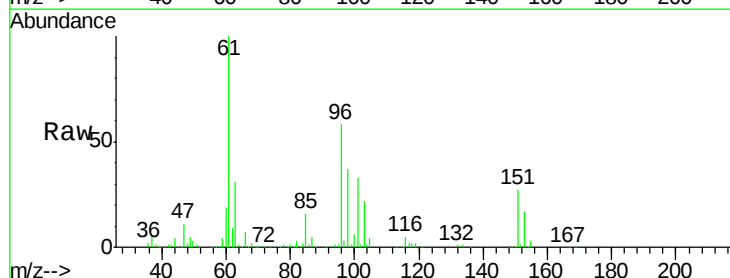
Instrument :
MSVOA_X
ClientSampled :

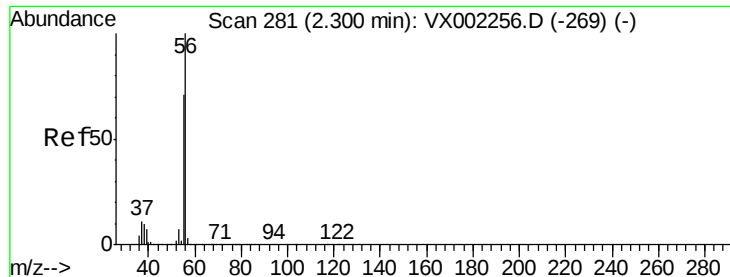
Tot Ion: 59 Resp: 86922
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.45 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 96 Resp: 55681
Ion Ratio Lower Upper
96 100
61 171.1 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 61.68 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

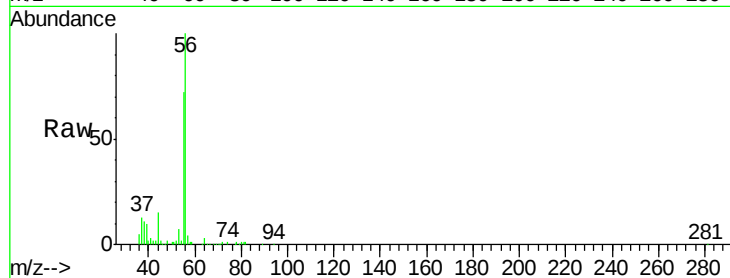
ClientSampleId :

Tot Ion: 56 Resp: 23900

Ion Ratio Lower Upper

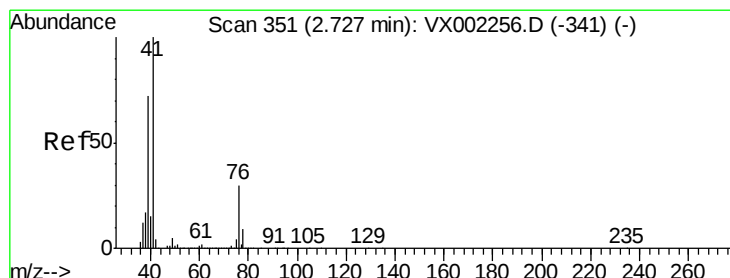
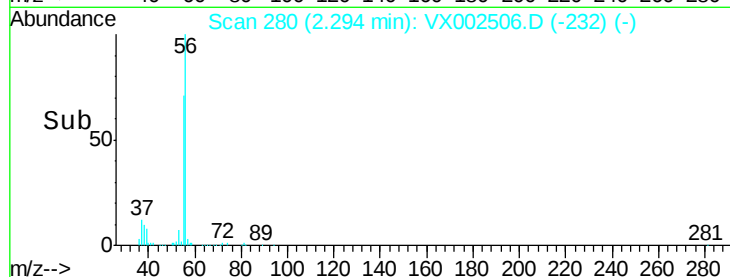
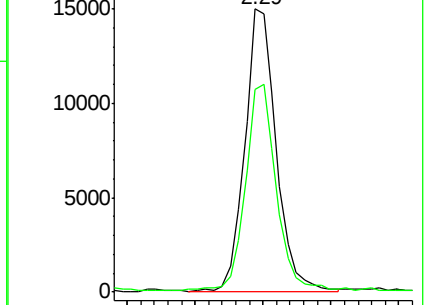
56 100

55 72.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.95 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

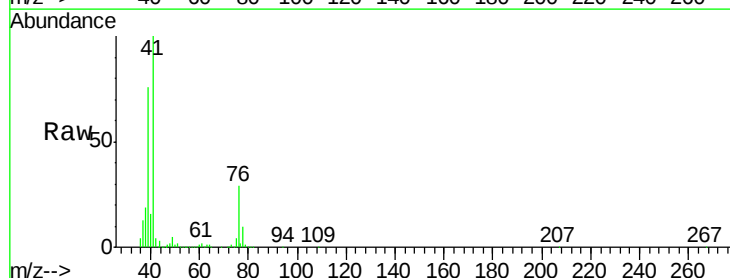
Tgt Ion: 41 Resp: 112382

Ion Ratio Lower Upper

41 100

39 71.4 56.8 85.2

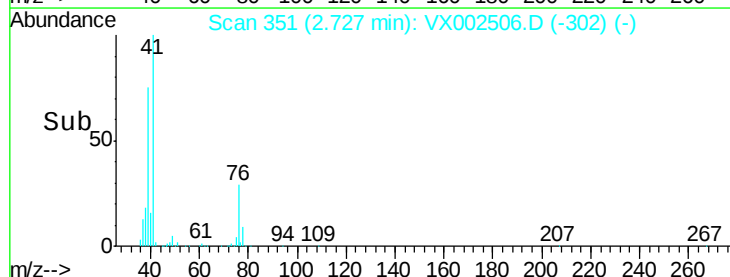
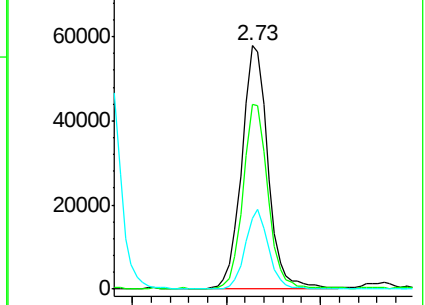
76 29.0 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 116.45 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :

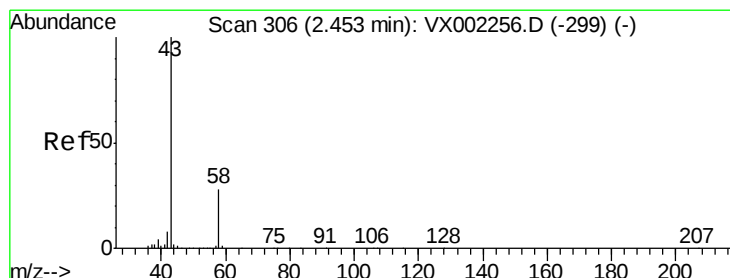
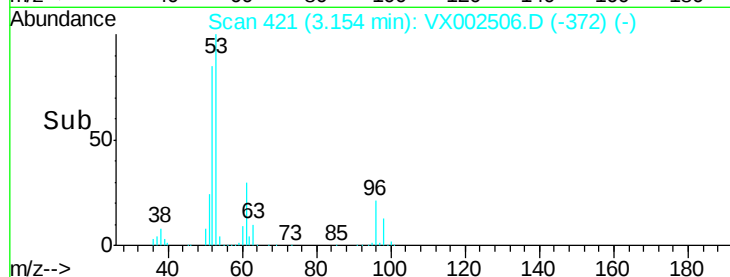
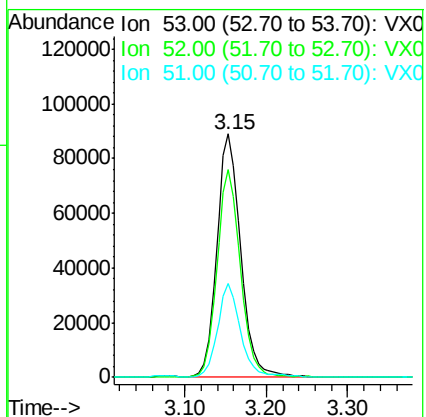
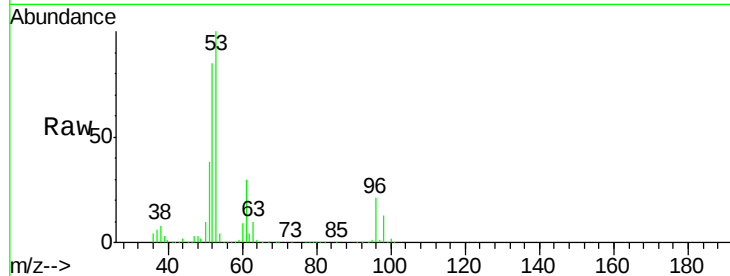
Tot Ion: 53 Resp: 180499

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 37.4 29.9 44.9



#16

Acetone

Concen: 116.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002506.D

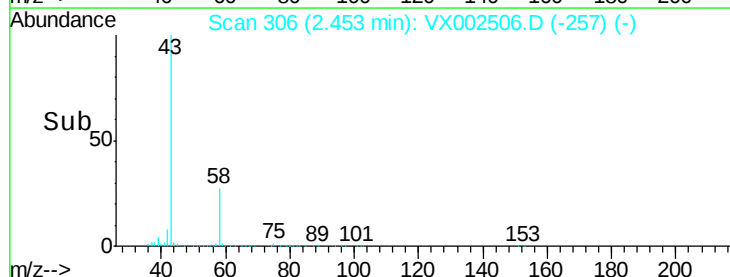
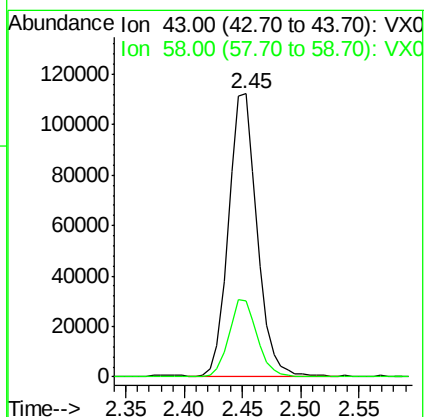
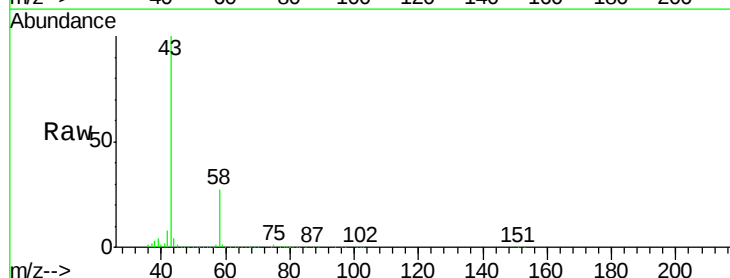
Acq: 13 Jun 2018 13:03

Tgt Ion: 43 Resp: 189932

Ion Ratio Lower Upper

43 100

58 26.7 22.1 33.1

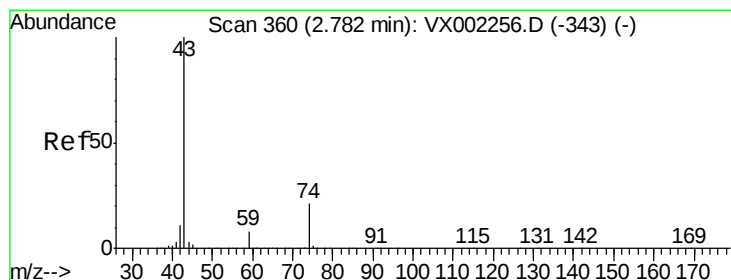
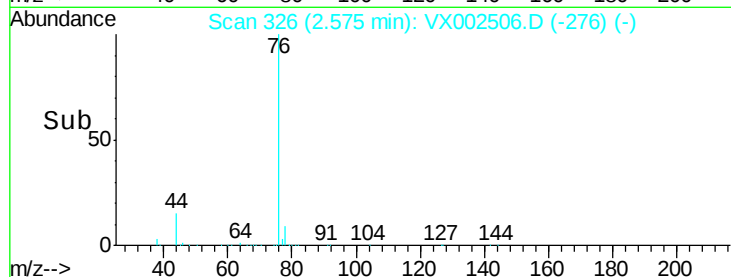
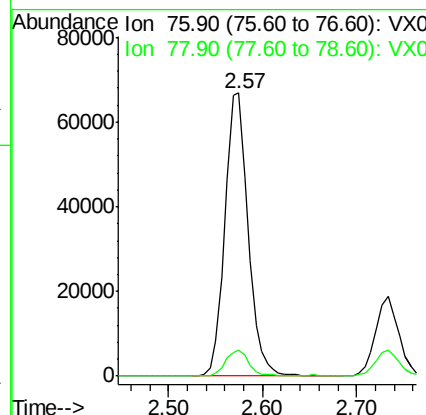
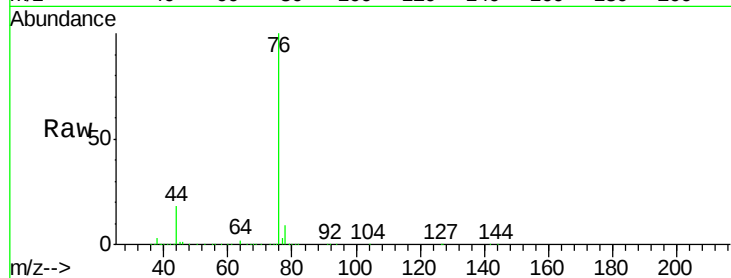




#17
Carbon Disulfide
Concen: 16.72 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

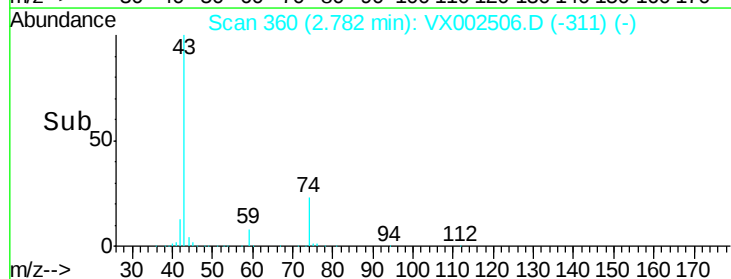
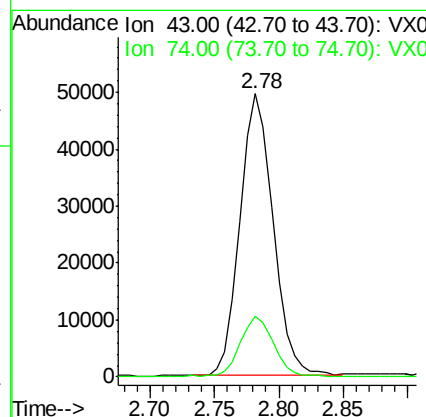
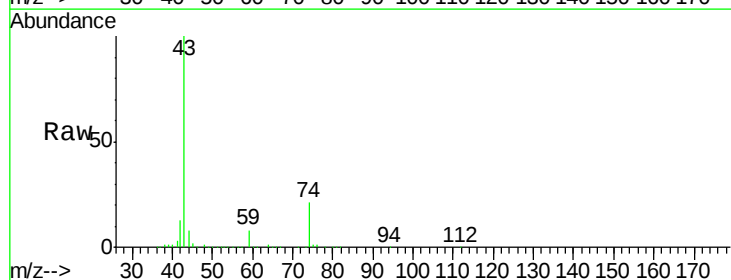
Instrument :
MSVOA_X
ClientSampleId :

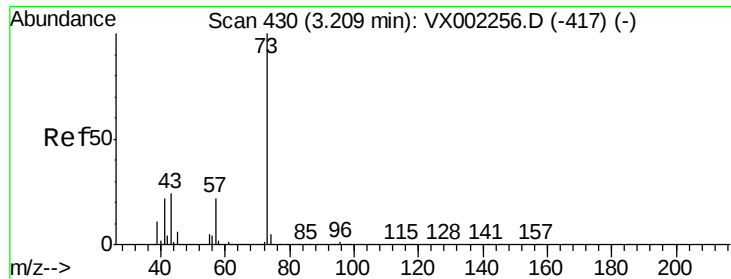
Tot Ion: 76 Resp: 114387
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 23.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 43 Resp: 88165
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1

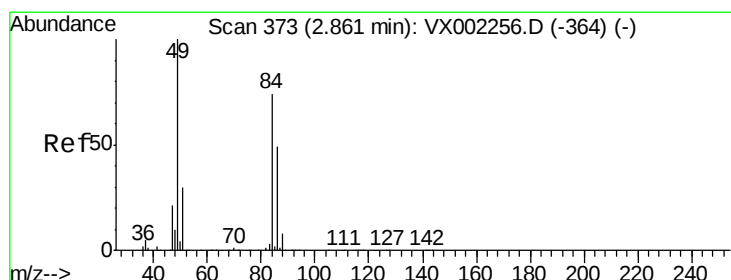
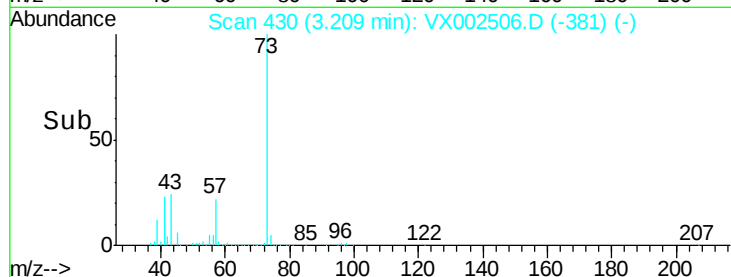
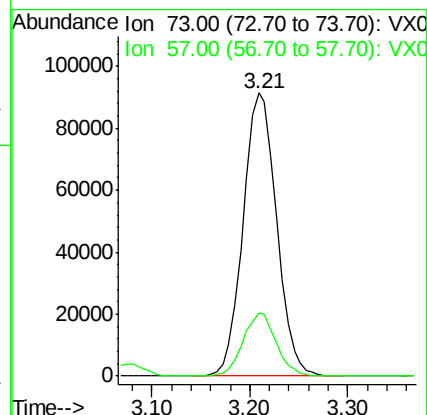
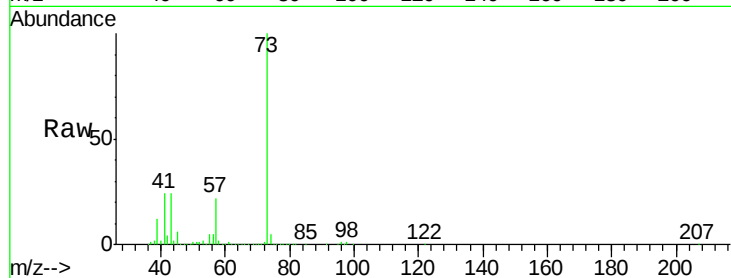




#19
Methvl tert-butvl Ether
Concen: 22.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

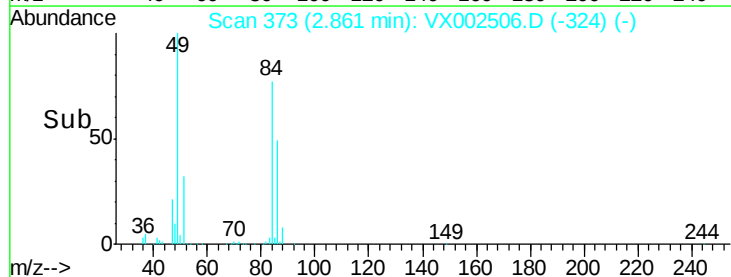
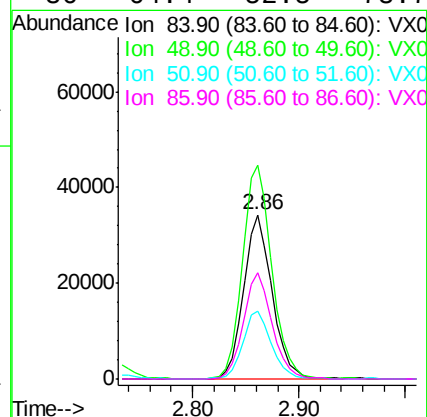
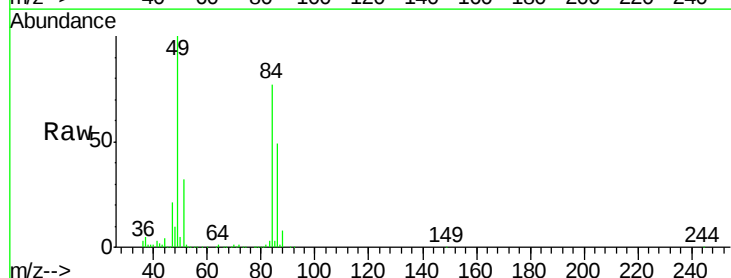
Instrument :
MSVOA_X
ClientSampleId :

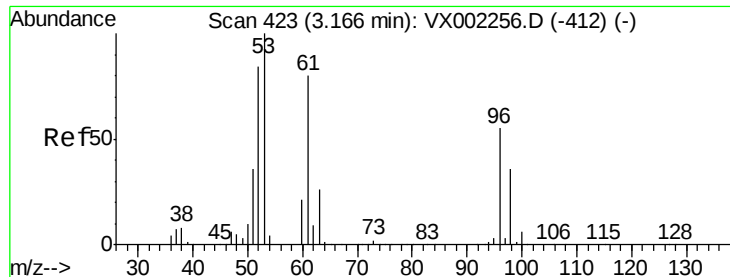
Tot Ion: 73 Resp: 216970
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 21.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 84 Resp: 64649
Ion Ratio Lower Upper
84 100
49 130.1 107.8 161.6
51 41.2 32.8 49.2
86 64.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

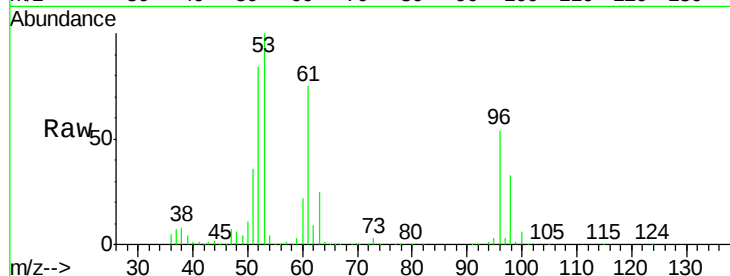
Tot Ion: 96 Resp: 59760

Ion Ratio Lower Upper

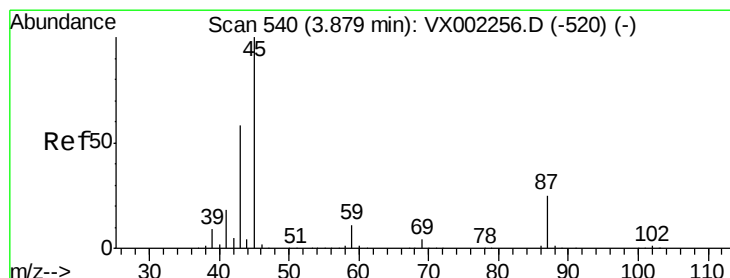
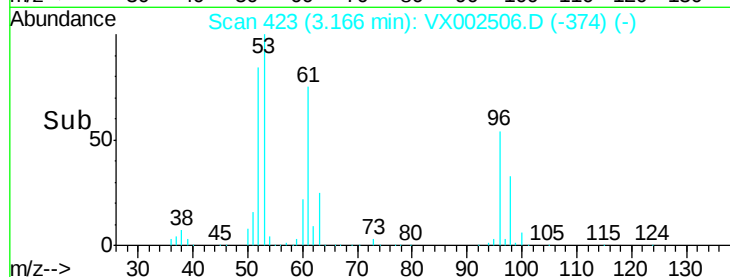
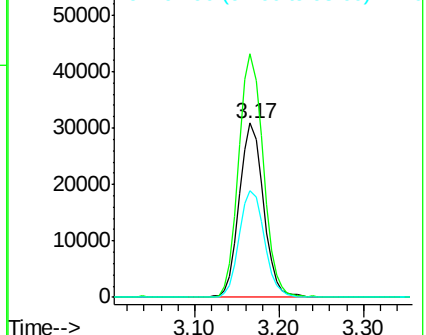
96 100

61 139.6 117.0 175.4

98 61.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.02 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Tgt Ion: 45 Resp: 196778

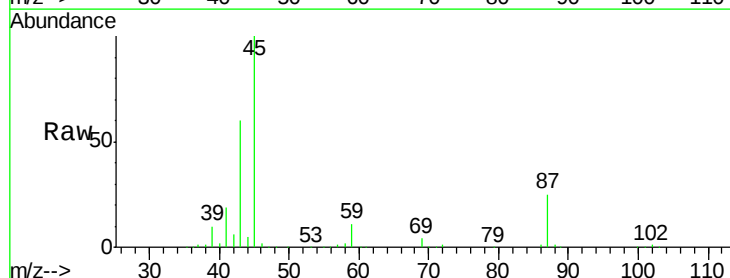
Ion Ratio Lower Upper

45 100

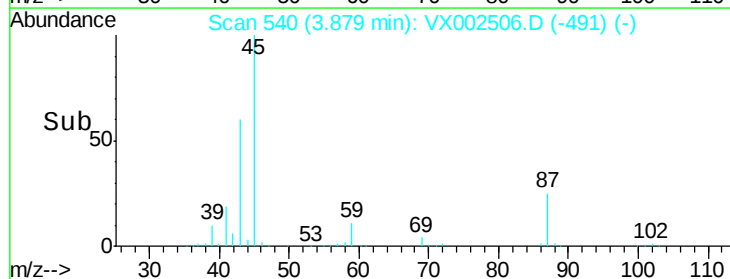
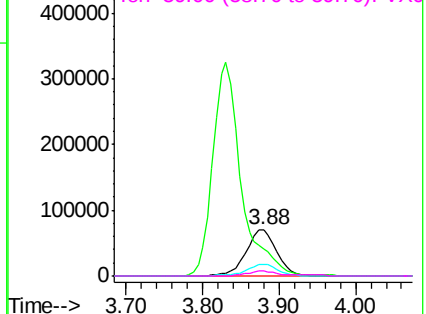
43 58.6 46.8 70.2

87 25.3 20.2 30.4

59 10.6 8.7 13.1



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: 92.00 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

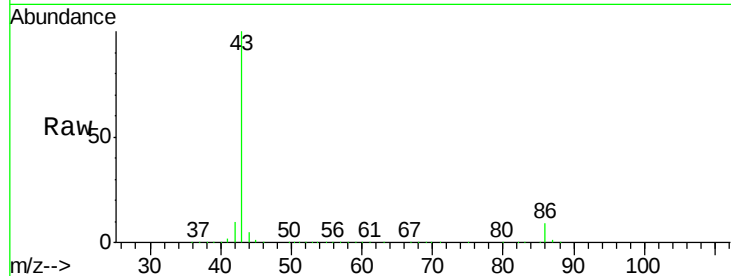
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 840184

Ion Ratio Lower Upper

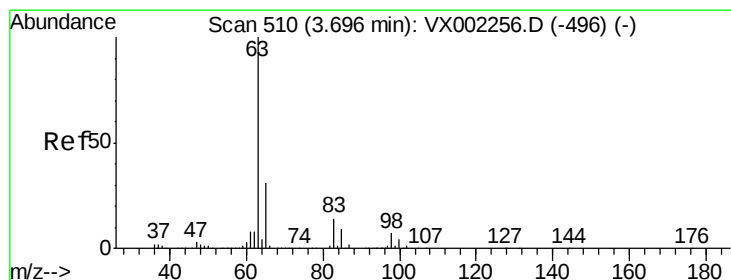
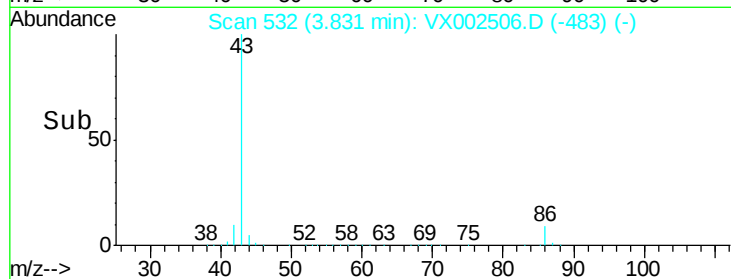
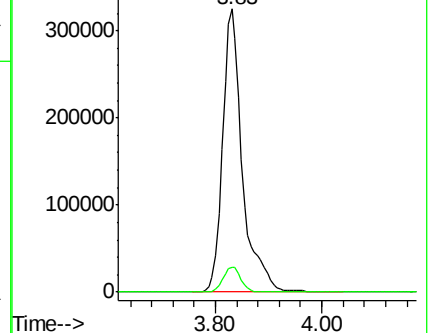
43 100

86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.53 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

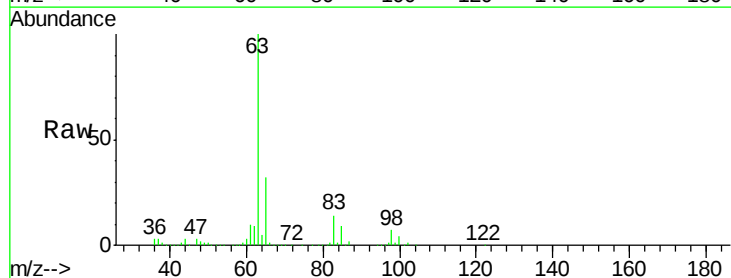
Tgt Ion: 63 Resp: 119898

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

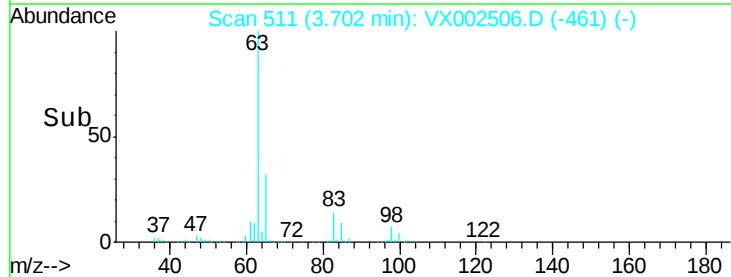
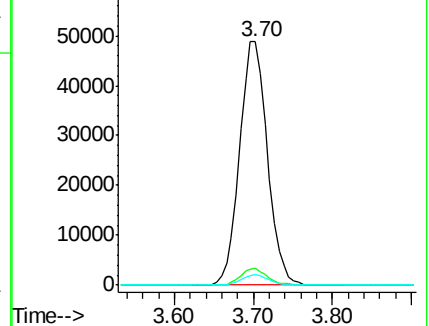
100 4.3 2.0 6.0

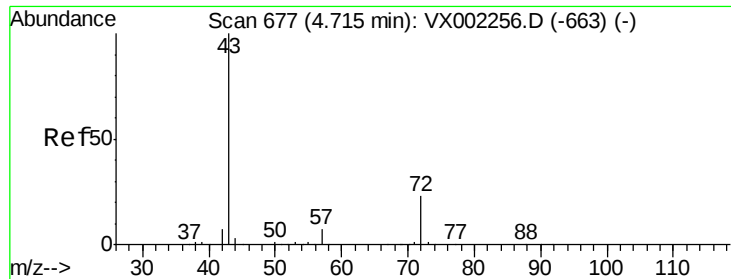


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.89 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

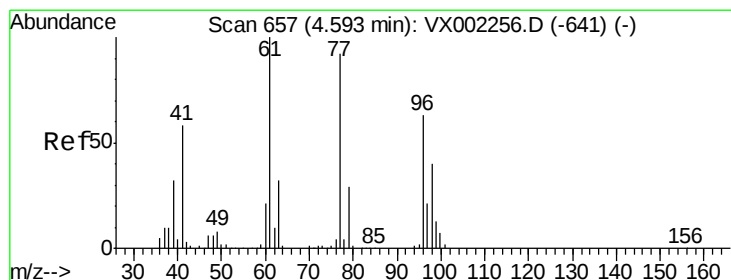
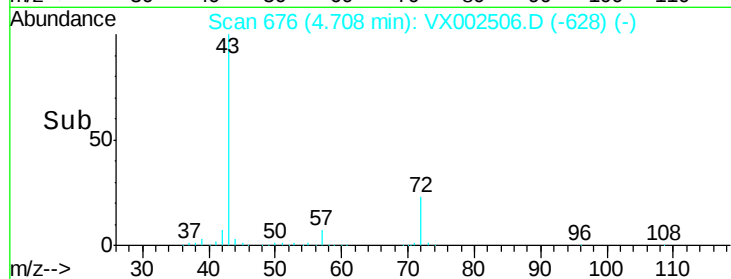
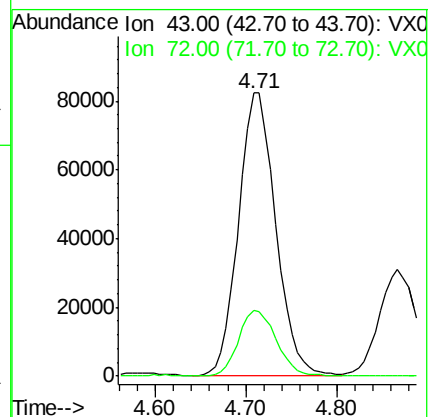
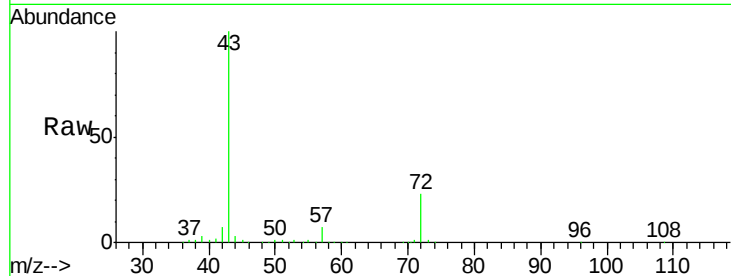
ClientSampleId :

Tot Ion: 43 Resp: 234051

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002506.D

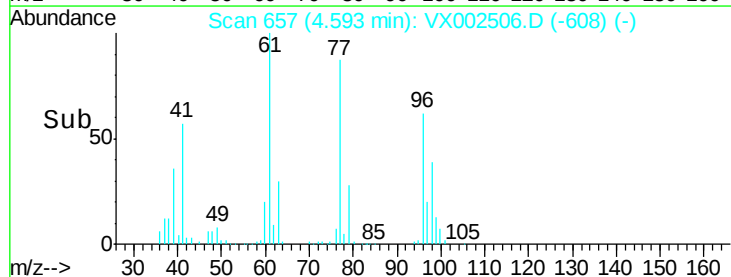
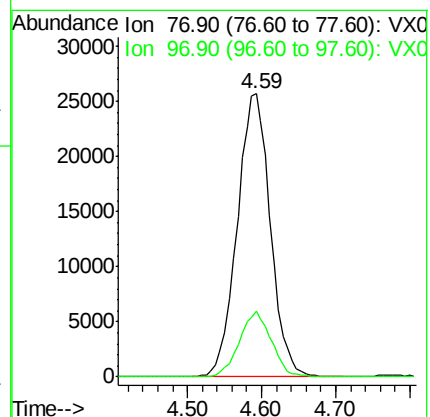
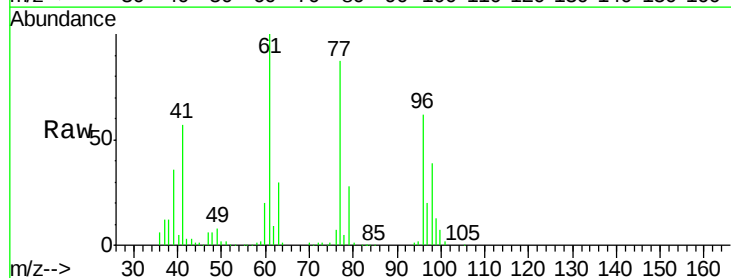
Acq: 13 Jun 2018 13:03

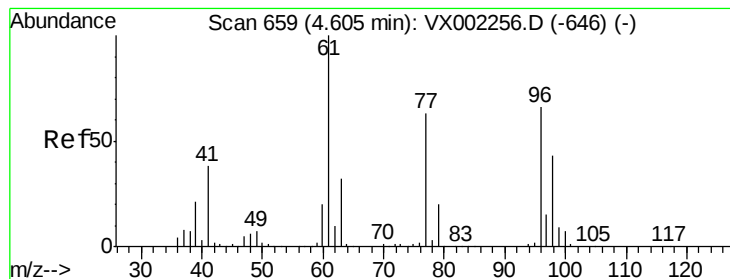
Tgt Ion: 77 Resp: 79900

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampled :

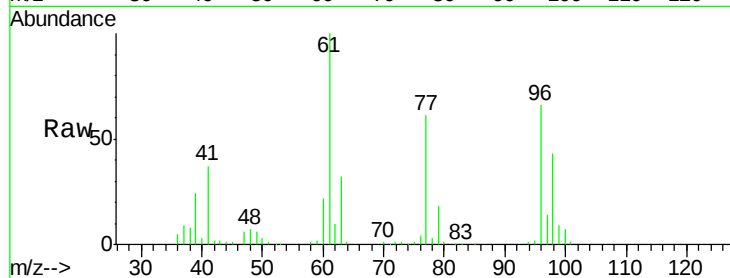
Tot Ion: 96 Resp: 59174

Ion Ratio Lower Upper

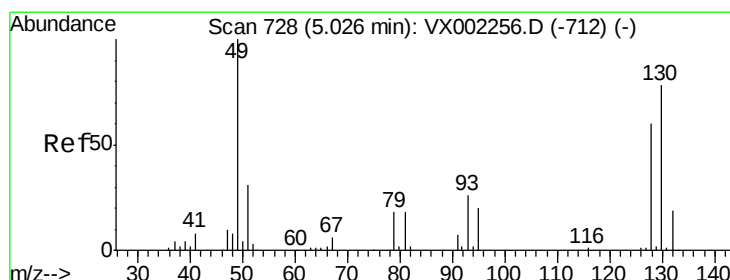
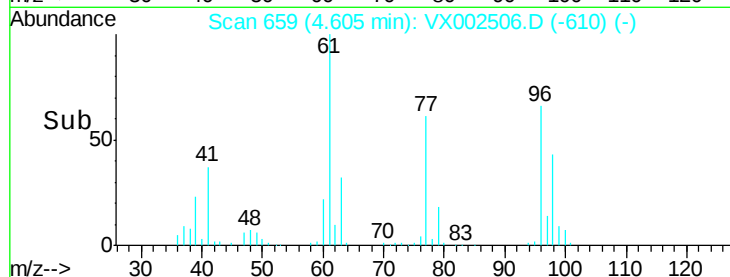
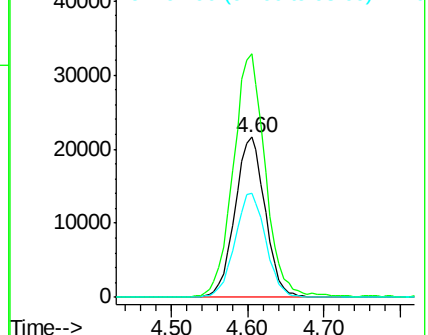
96 100

61 161.7 0.0 330.2

98 66.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 20.90 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

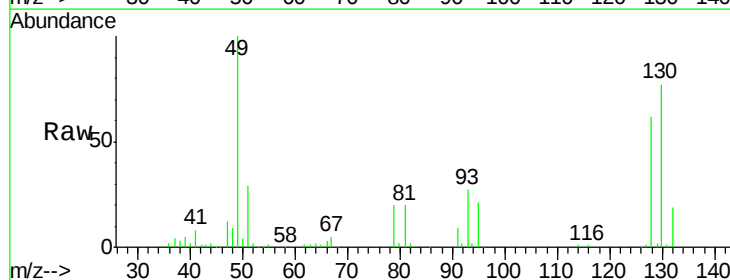
Tgt Ion: 49 Resp: 54406

Ion Ratio Lower Upper

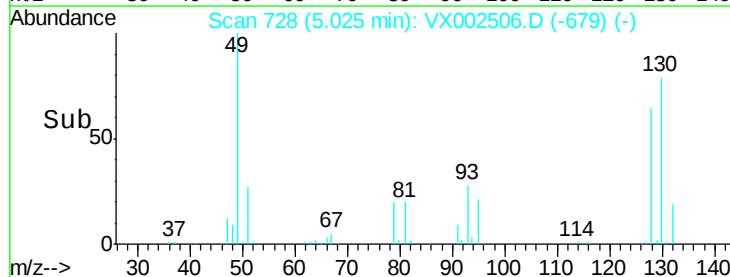
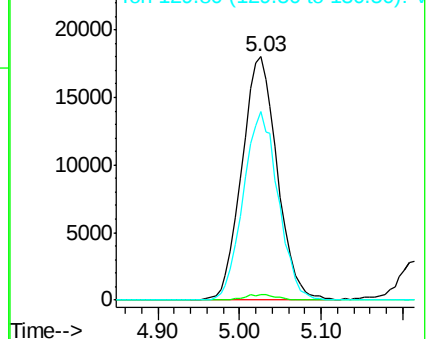
49 100

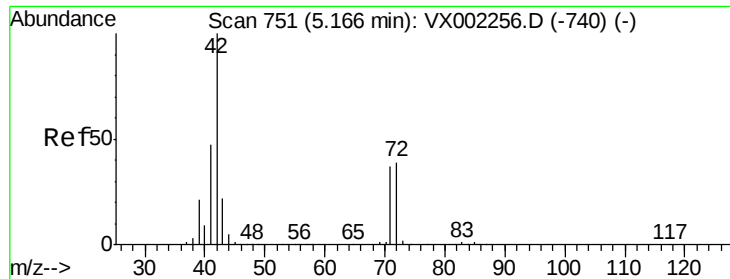
129 2.0 0.0 4.2

130 76.4 61.2 91.8



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

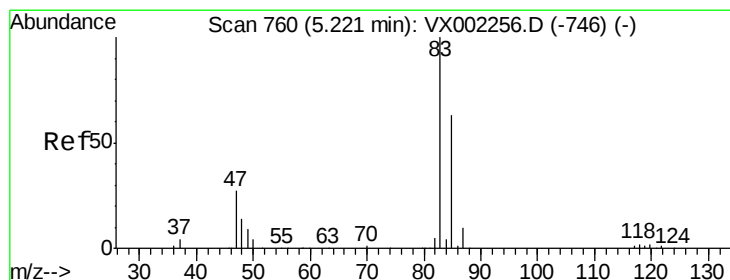
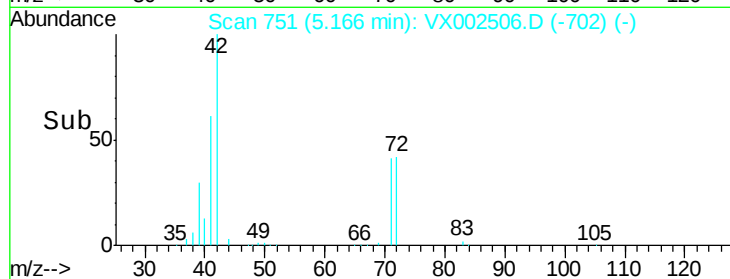
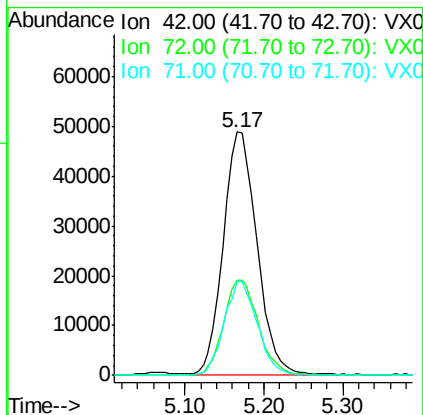
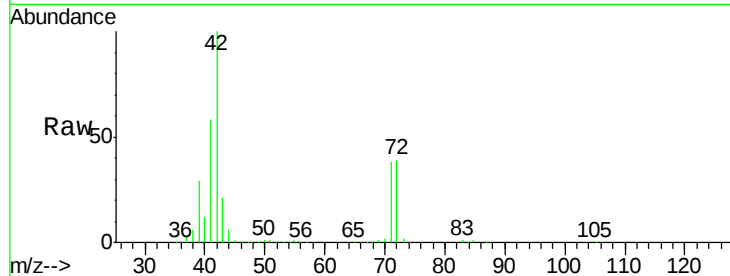




#29
Tetrahydrofuran
Concen: 94.11 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

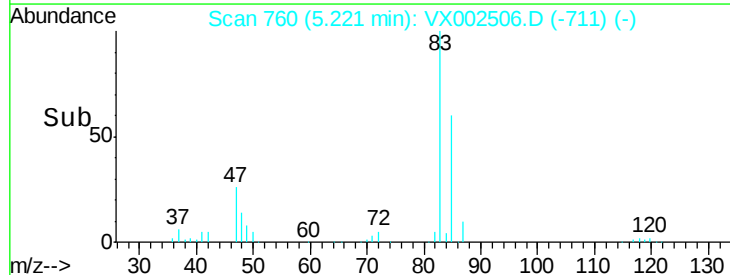
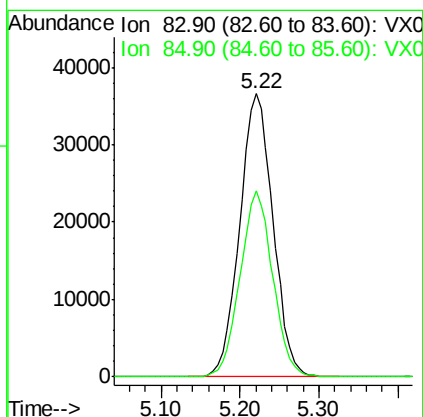
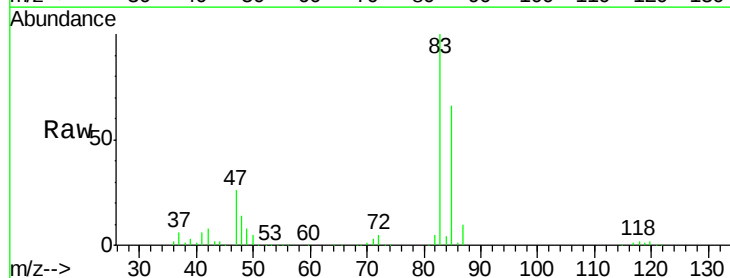
Instrument :
MSVOA_X
ClientSampleId :

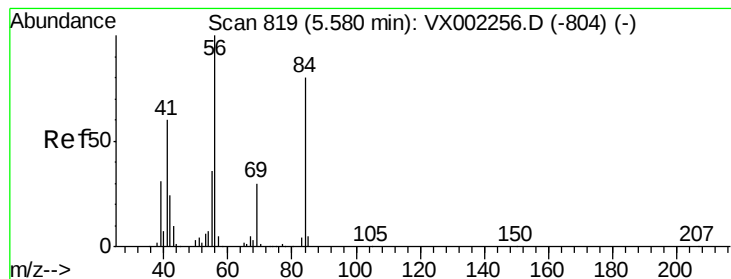
Tot Ion: 42 Resp: 145063
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 19.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 83 Resp: 107276
Ion Ratio Lower Upper
83 100
85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 19.12 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

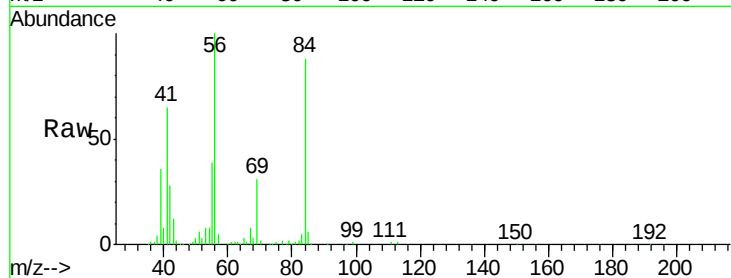
Tot Ion: 56 Resp: 84194

Ion Ratio Lower Upper

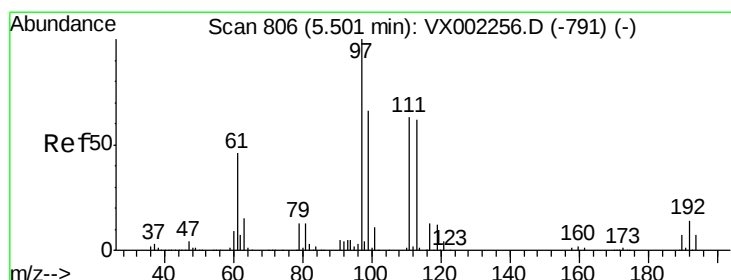
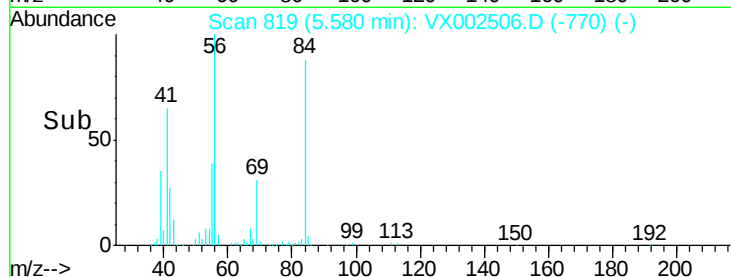
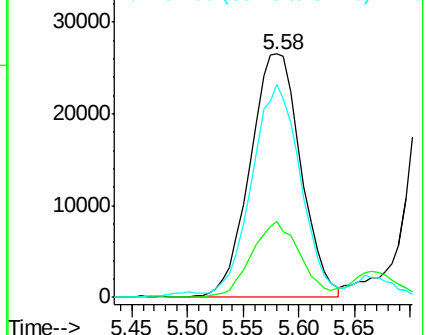
56 100

69 30.8 23.7 35.5

84 85.3 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 19.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

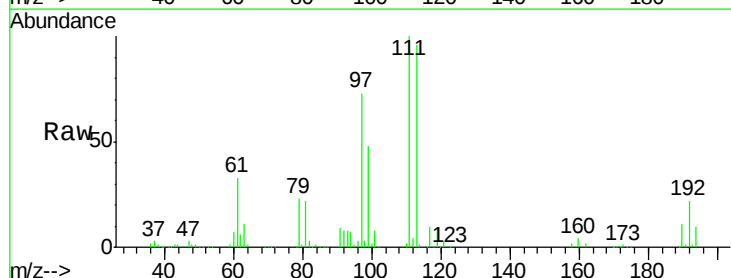
Tgt Ion: 97 Resp: 90136

Ion Ratio Lower Upper

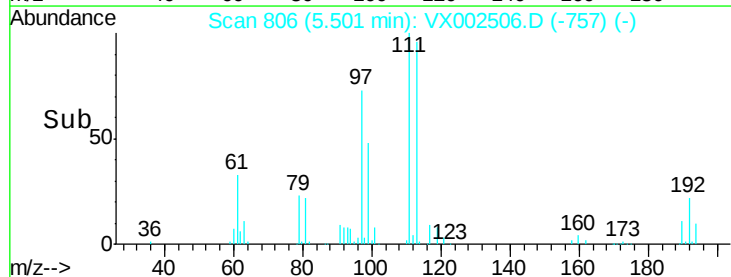
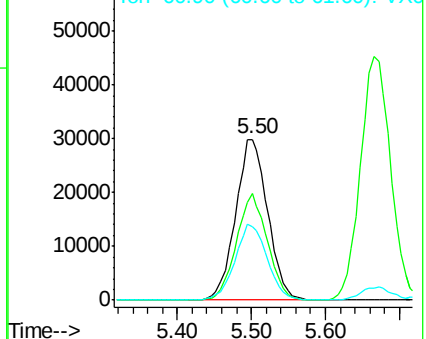
97 100

99 64.3 51.6 77.4

61 47.3 36.4 54.6



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

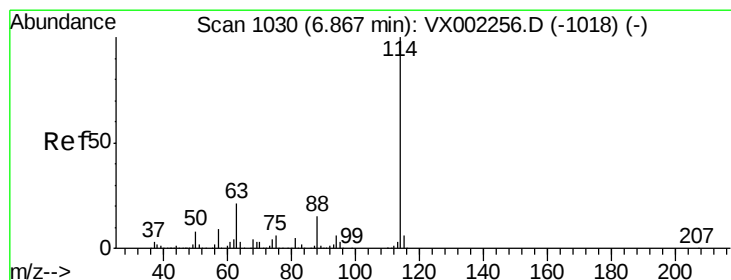
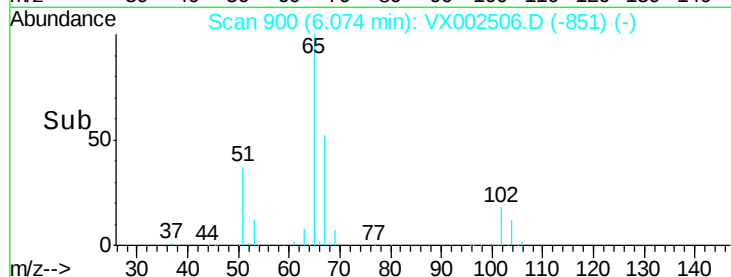
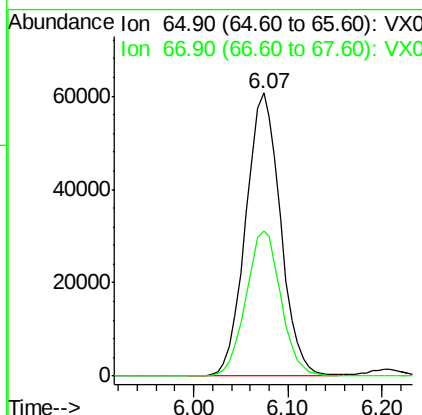
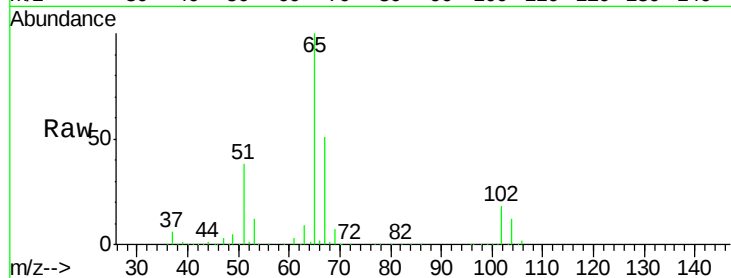




#33
 1,2-Dichloroethane-d4
 Concen: 44.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

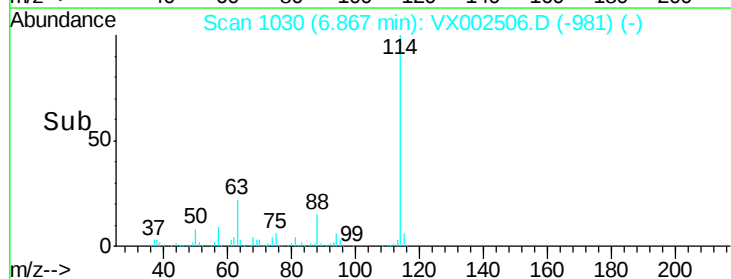
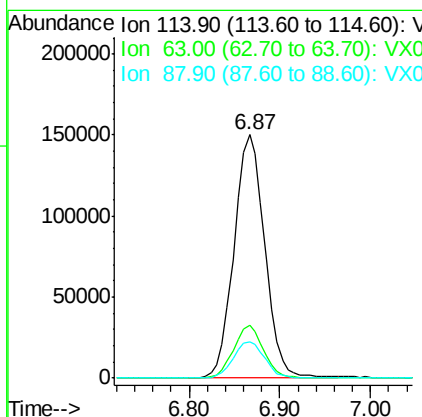
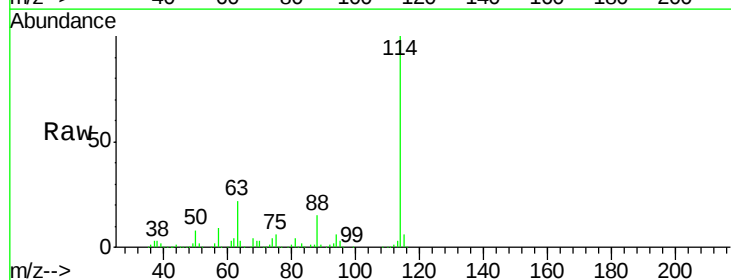
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 157117
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion: 114 Resp: 353019
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 15.2 0.0 30.0

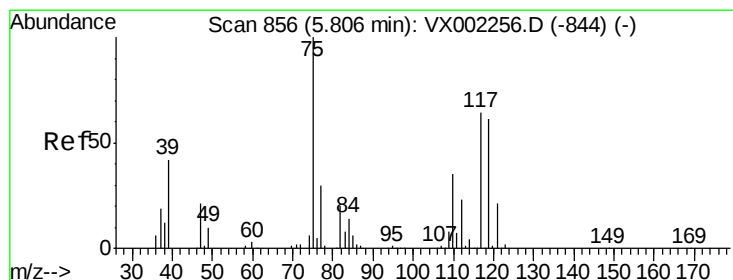
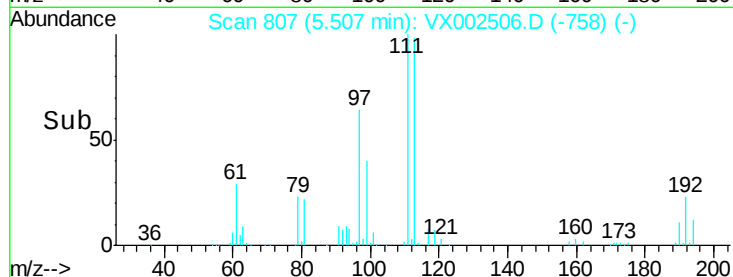
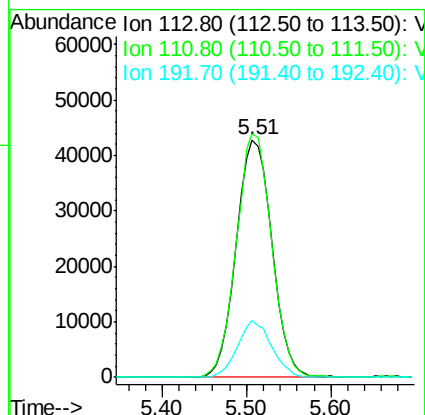
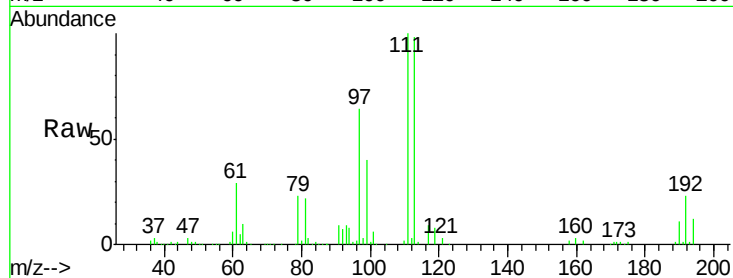




#35
 Dibromofluoromethane
 Concen: 44.26 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

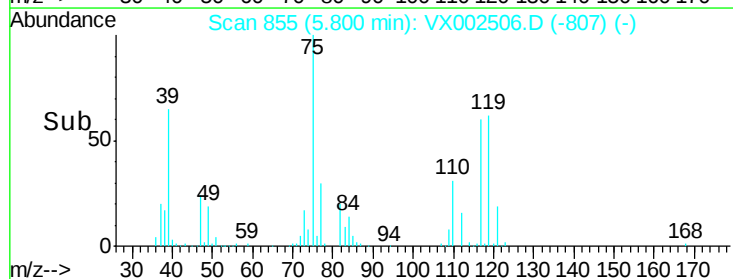
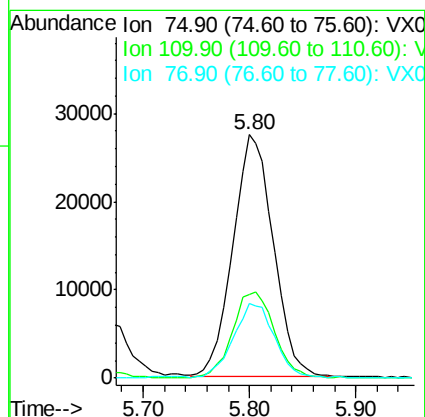
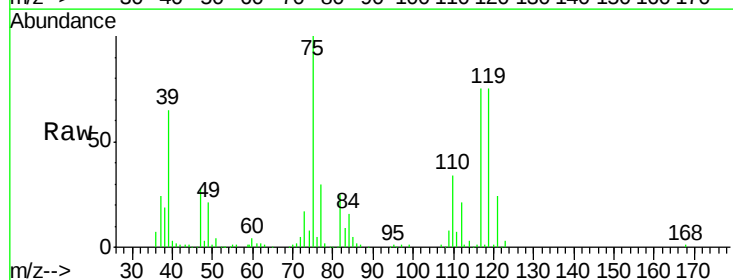
Instrument :
 MSVOA_X
 ClientSampled :

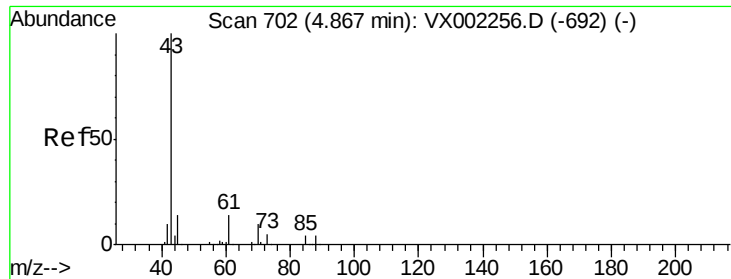
Tot Ion:113 Resp: 122885
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 22.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.78 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion: 75 Resp: 73418
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.4
 77 31.1 24.3 36.5

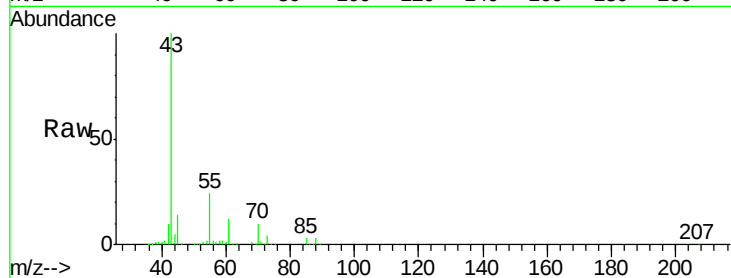




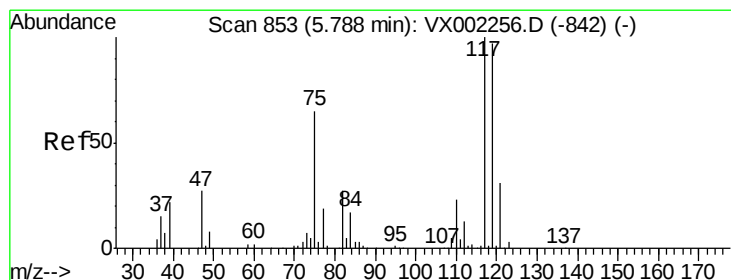
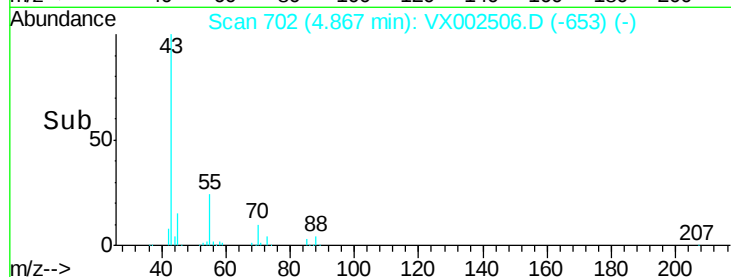
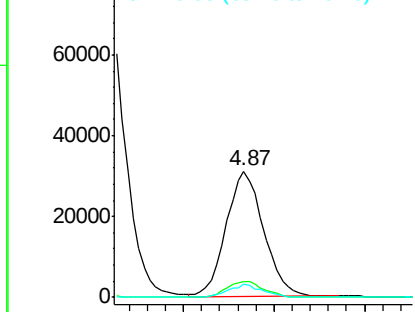
#37
Ethyl Acetate
Concen: 20.01 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 89291
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.6 7.6 11.4

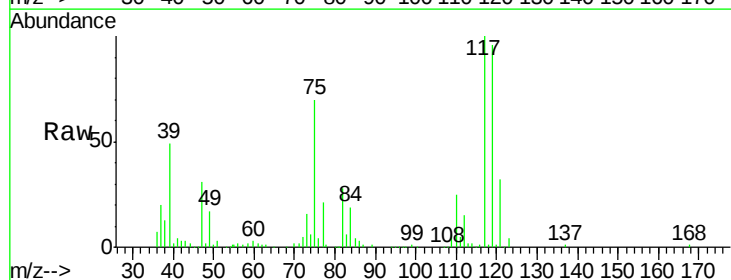


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

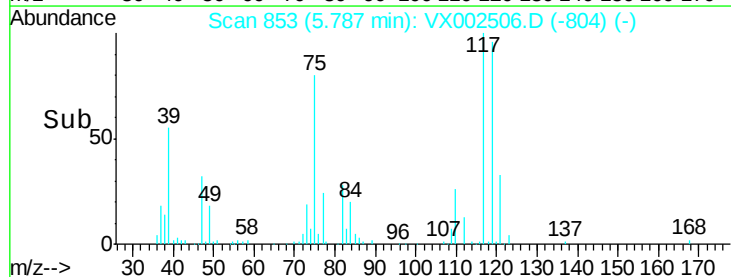
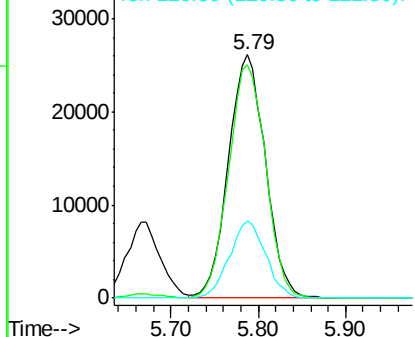


#38
Carbon Tetrachloride
Concen: 19.82 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 117 Resp: 76959
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
121 31.7 24.4 36.6



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

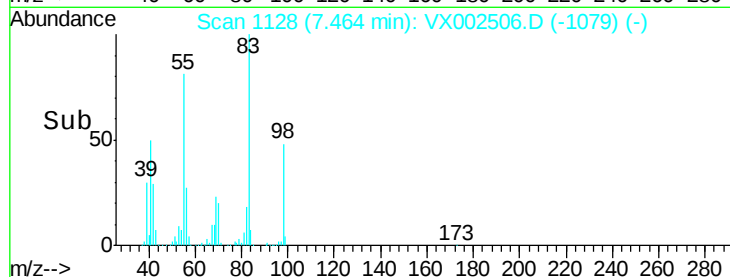
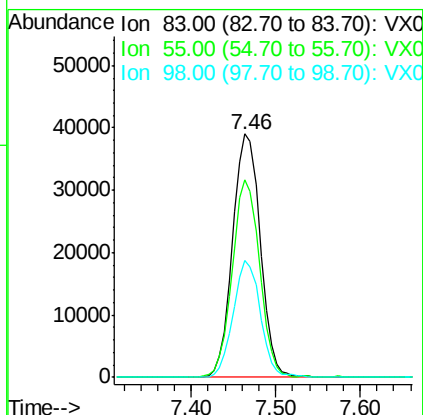
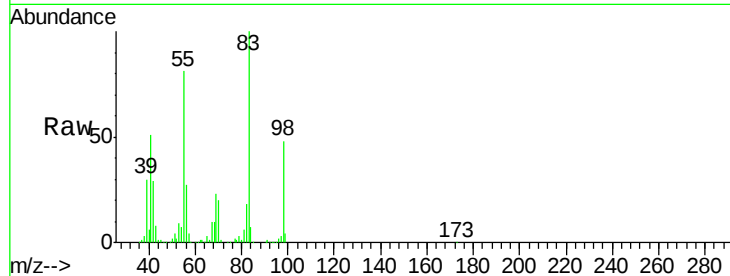




#39
Methvlcvclohexane
Concen: 19.09 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

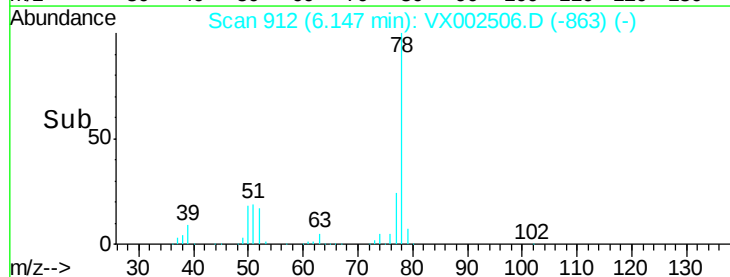
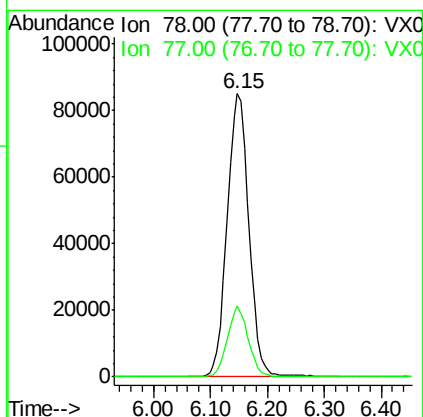
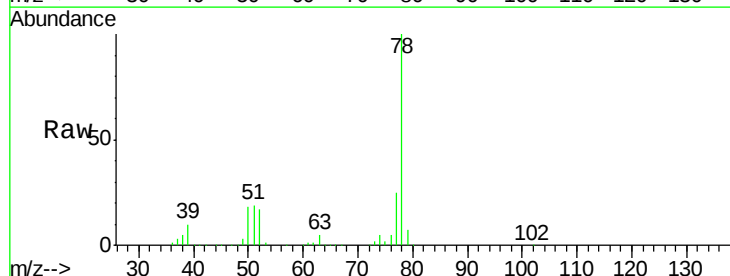
Instrument :
MSVOA_X
ClientSampled :

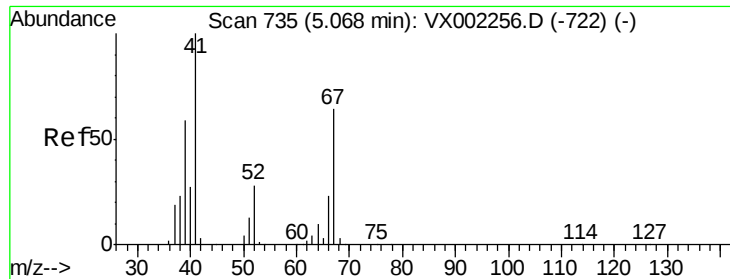
Tot Ion: 83 Resp: 86770
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 47.8 37.4 56.0



#40
Benzene
Concen: 19.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 78 Resp: 227395
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

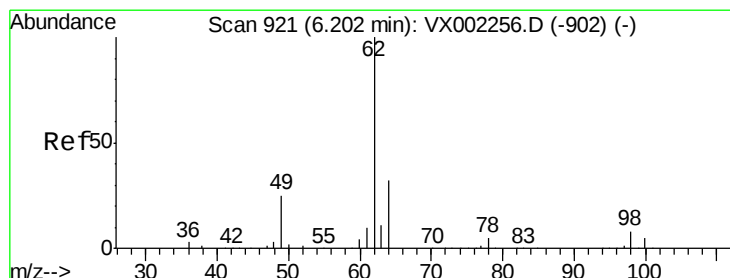
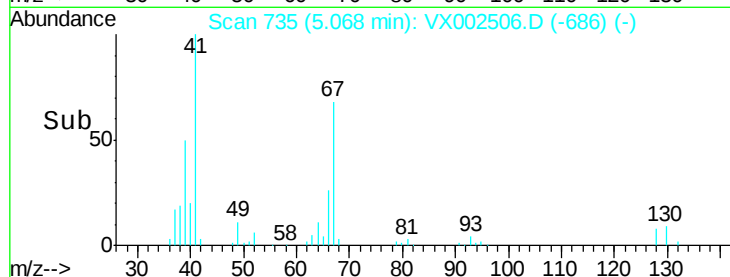
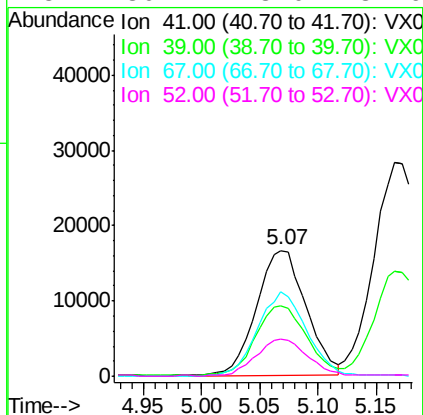
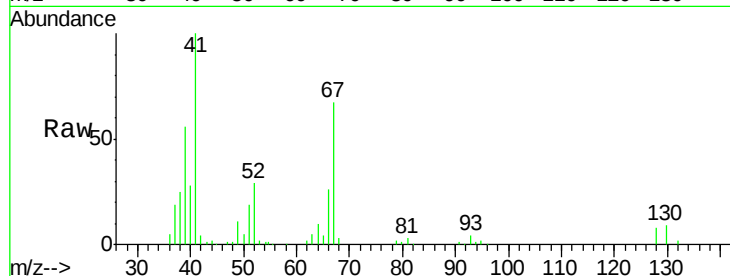




#41
Methacrylonitrile
Concen: 19.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

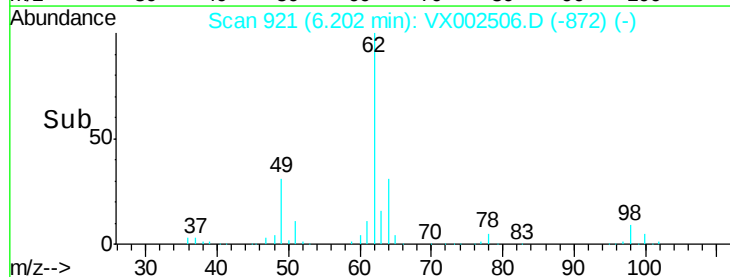
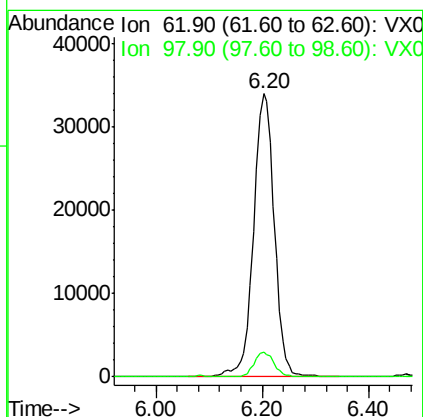
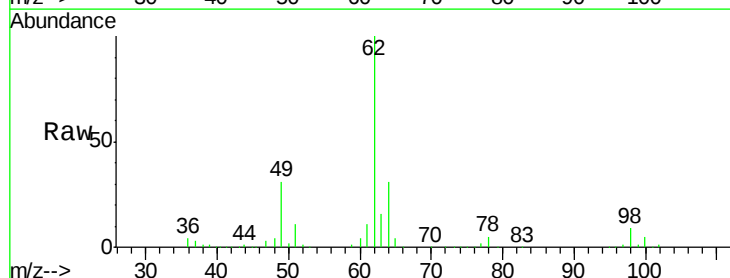
Instrument :
MSVOA_X
ClientSampled :

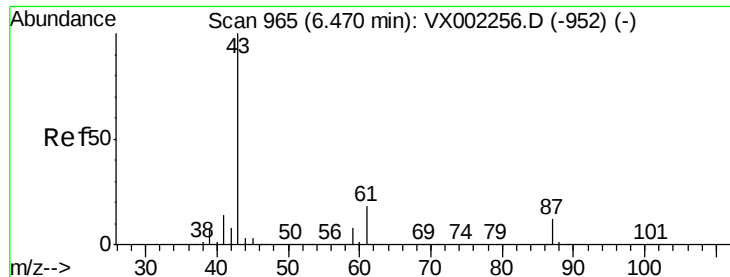
Tot Ion:	41	Resp:	49362
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.6
67	67.6	51.3	76.9
52	30.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.16 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion:	62	Resp:	91137
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



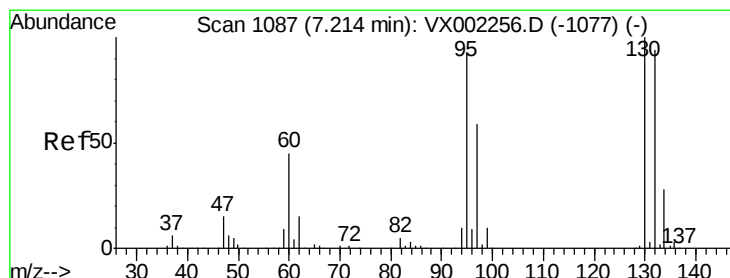
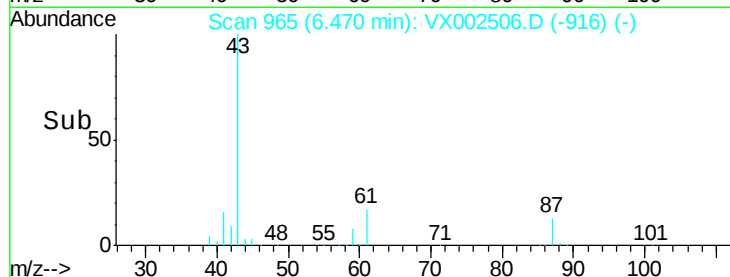
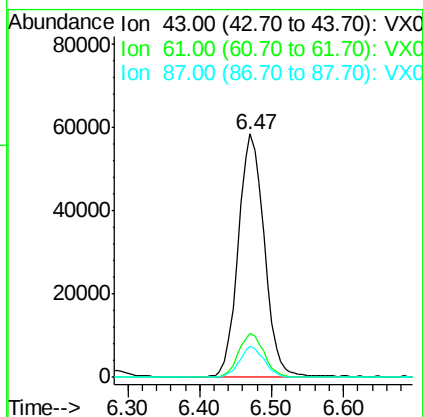
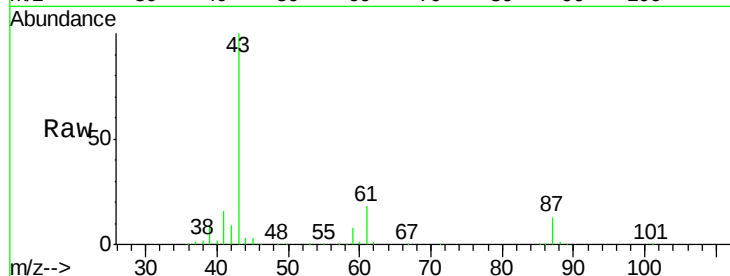


#43

Isopropyl Acetate
 Concen: 19.27 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

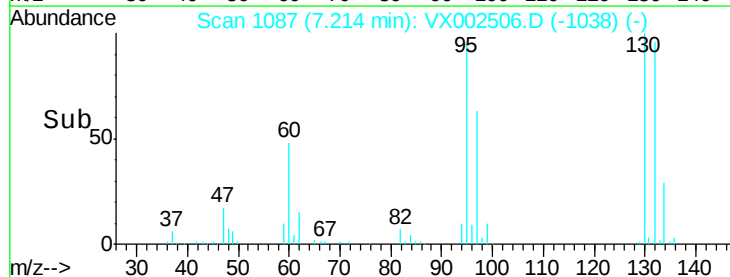
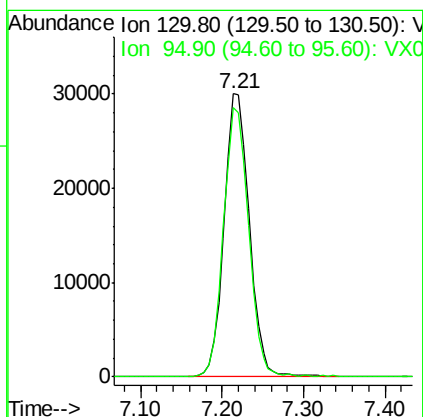
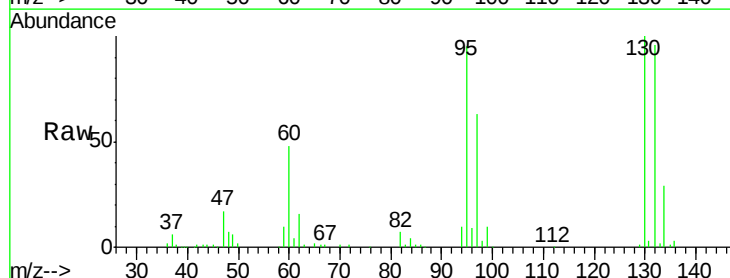
Tot Ion: 43 Resp: 146116
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.4 21.6
 87 12.3 9.5 14.3

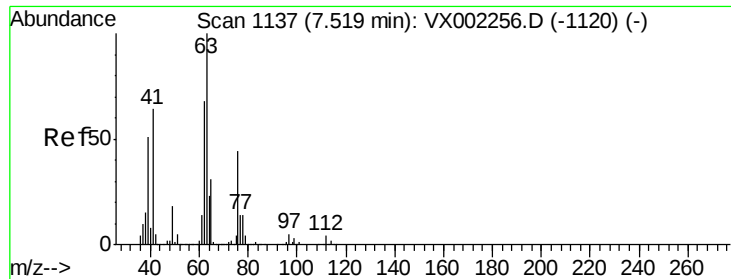


#44

Trichloroethene
 Concen: 20.34 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion:130 Resp: 64230
 Ion Ratio Lower Upper
 130 100
 95 95.3 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.14 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

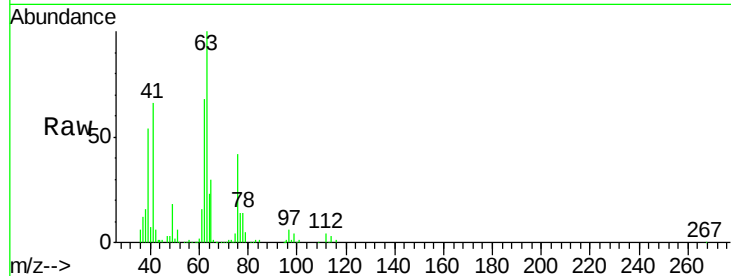
ClientSampleId :

Tot Ion: 63 Resp: 61864

Ion Ratio Lower Upper

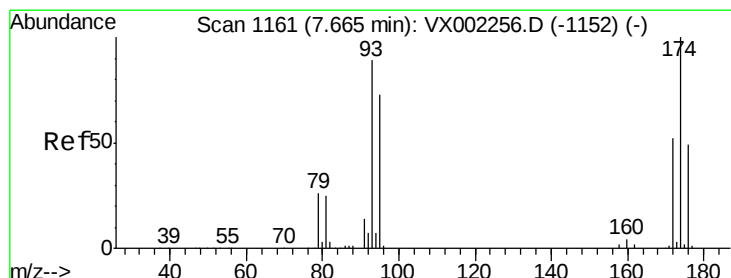
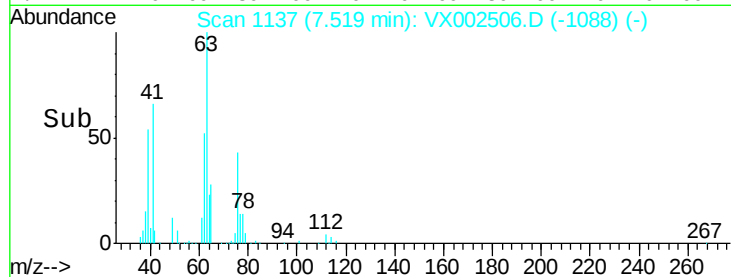
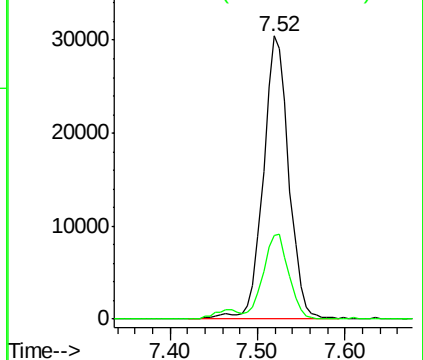
63 100

65 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.09 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

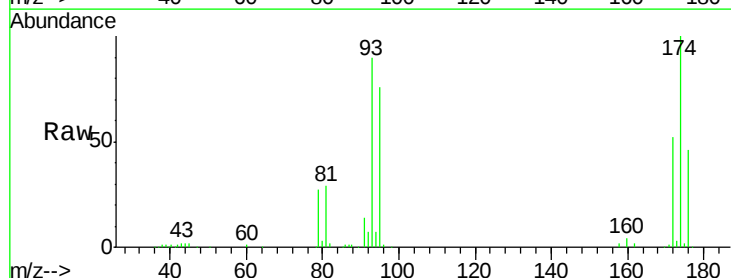
Tgt Ion: 93 Resp: 41836

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

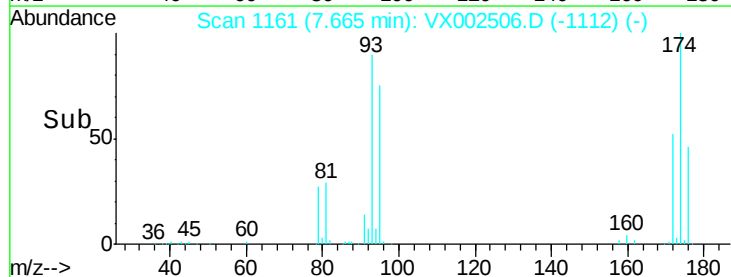
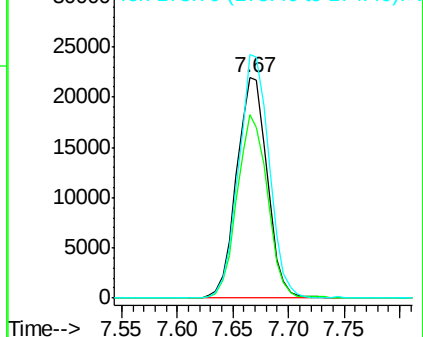
174 110.2 92.4 138.6

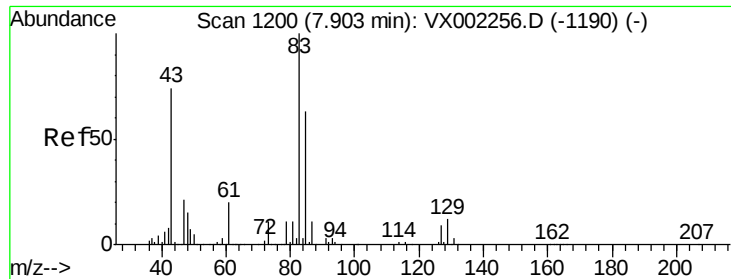


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampled :

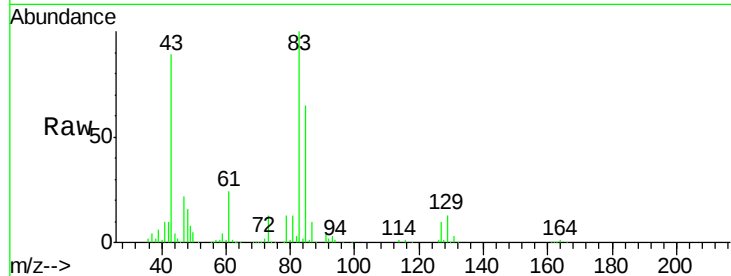
Tot Ion: 83 Resp: 73663

Ion Ratio Lower Upper

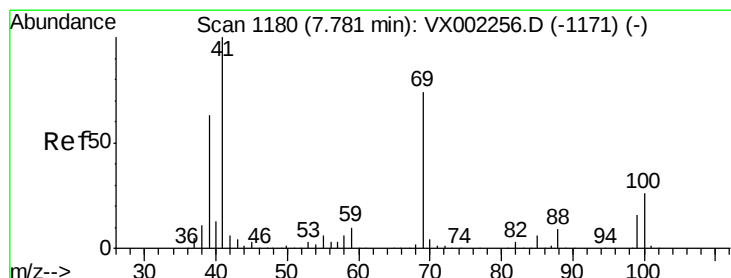
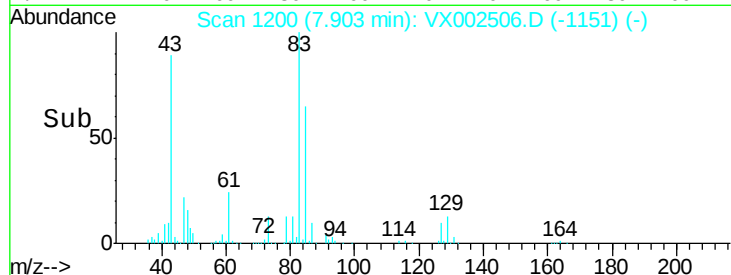
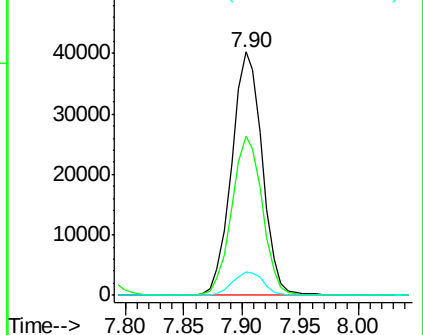
83 100

85 65.5 50.3 75.5

127 9.6 7.0 10.4



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: 19.69 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

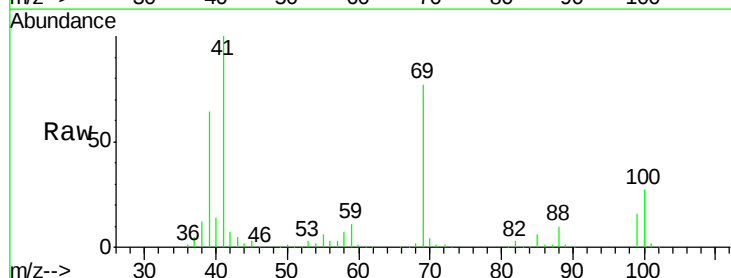
Tgt Ion: 41 Resp: 74976

Ion Ratio Lower Upper

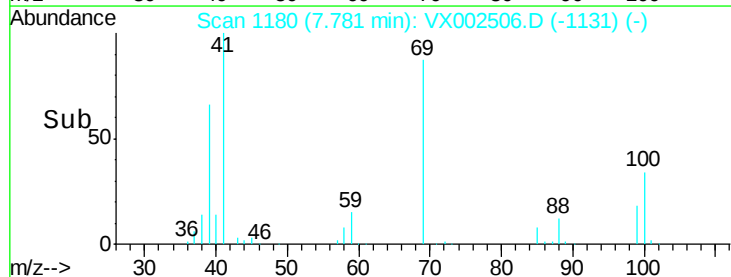
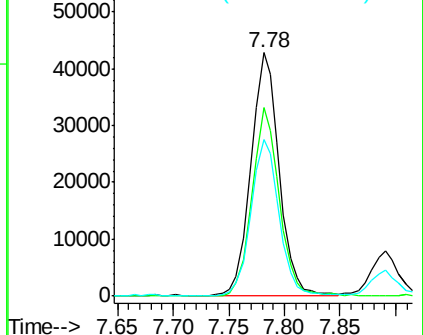
41 100

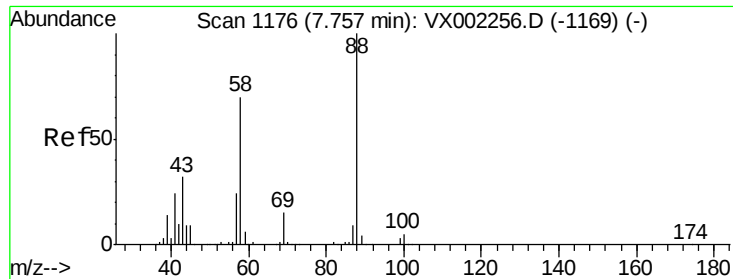
69 75.7 59.1 88.7

39 64.0 48.9 73.3



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

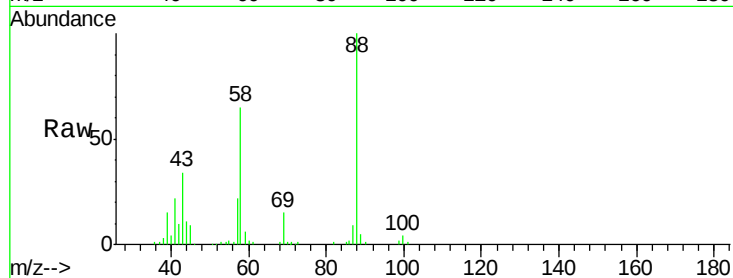




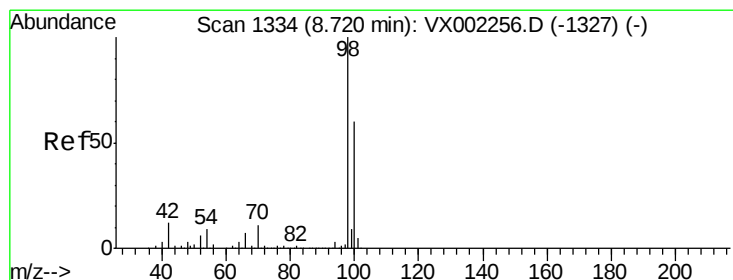
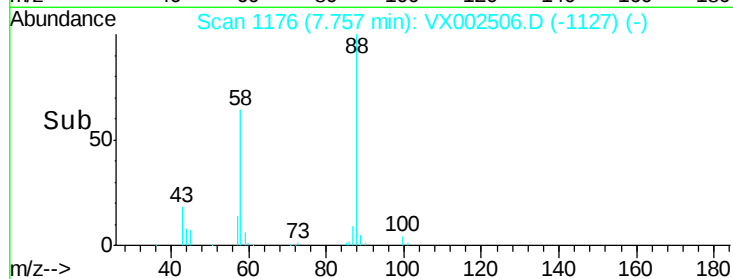
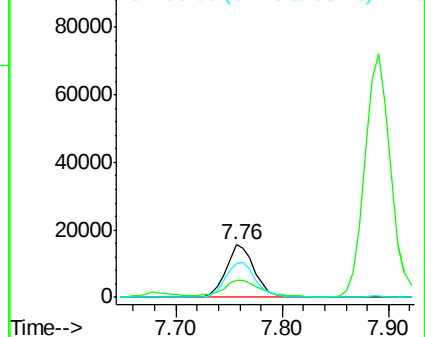
#49
1,4-Dioxane
Concen: 408.01 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 29050
Ion Ratio Lower Upper
88 100
43 38.8 29.8 44.6
58 71.1 57.1 85.7

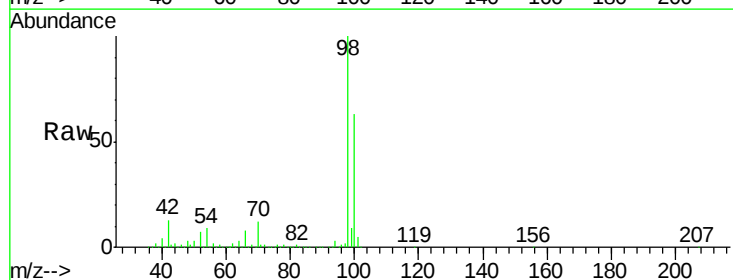


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

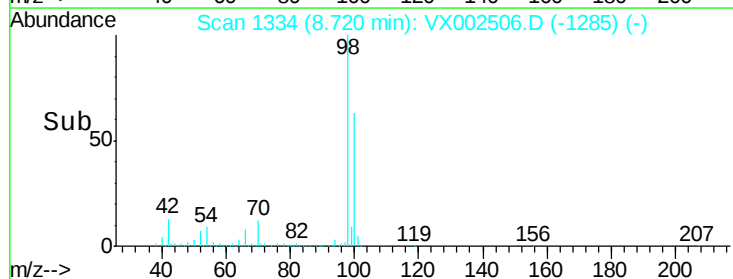
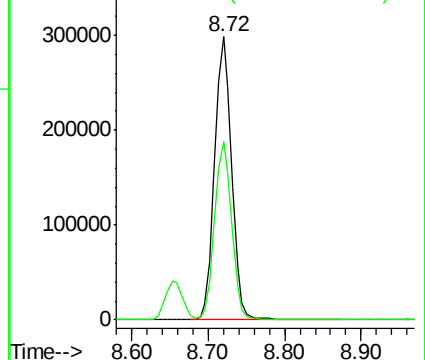


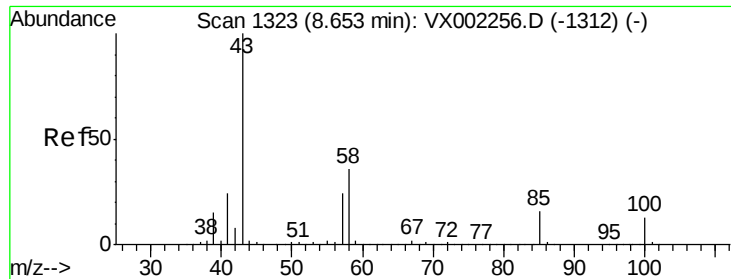
#50
Toluene-d8
Concen: 43.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 98 Resp: 460606
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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: 104.09 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

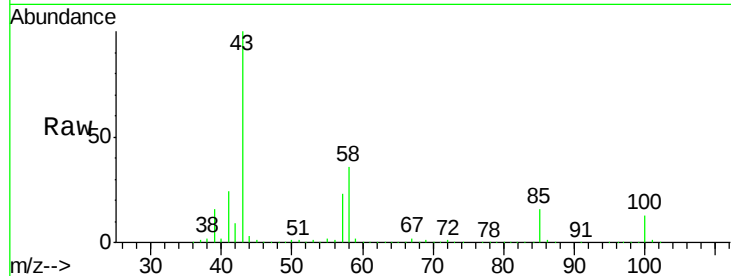
ClientSampleId :

Tot Ion: 43 Resp: 491418

Ion Ratio Lower Upper

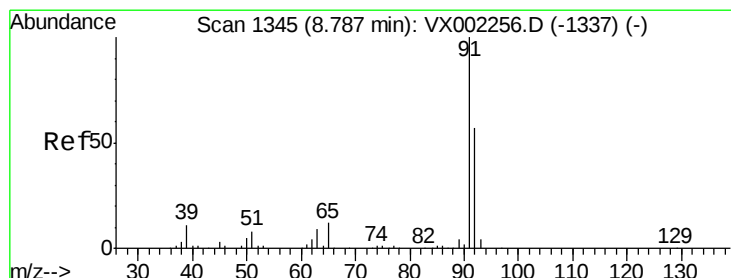
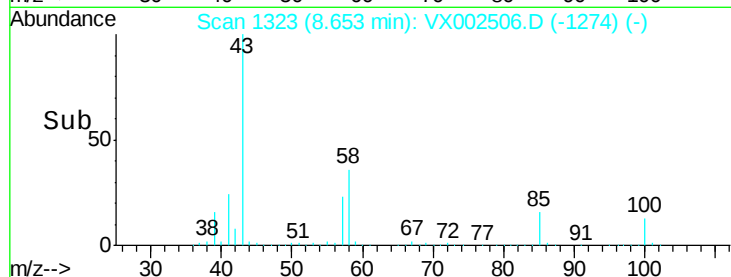
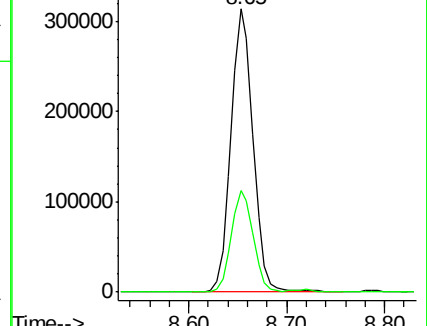
43 100

58 35.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002506.D

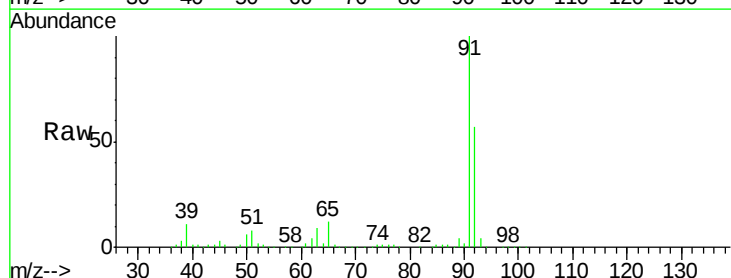
Acq: 13 Jun 2018 13:03

Tgt Ion: 92 Resp: 148308

Ion Ratio Lower Upper

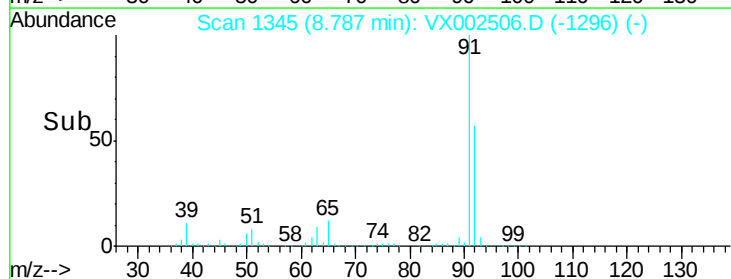
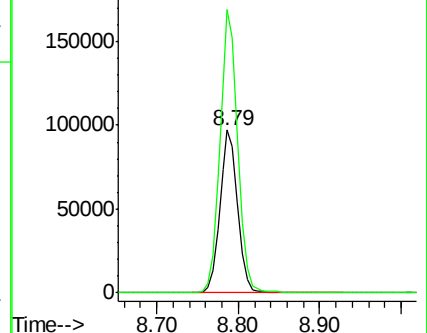
92 100

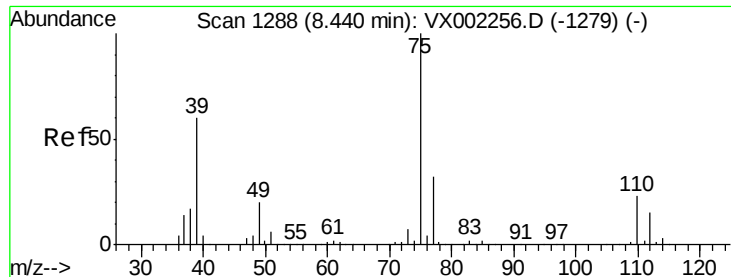
91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.26 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

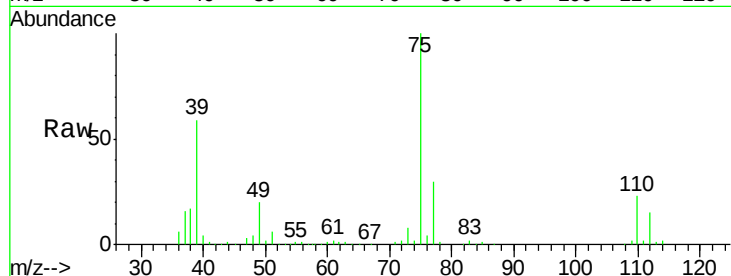
ClientSampled :

Tot Ion: 75 Resp: 87002

Ion Ratio Lower Upper

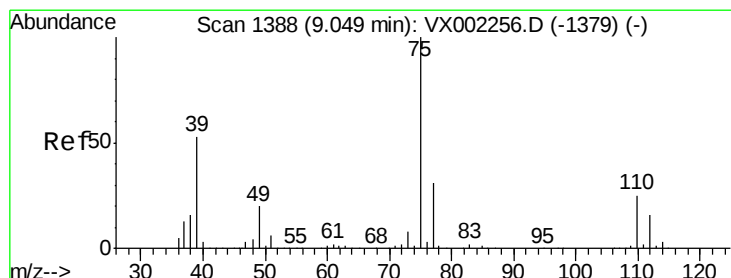
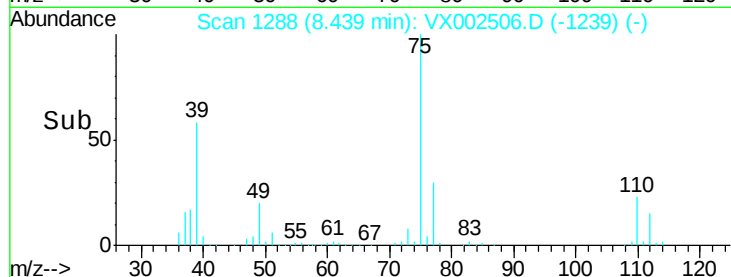
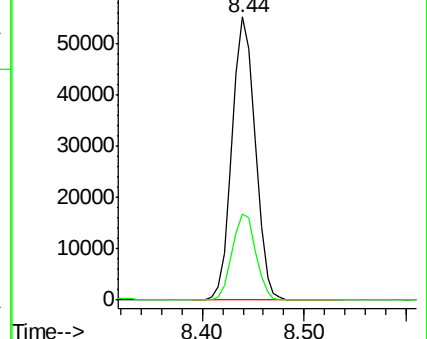
75 100

77 30.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.55 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

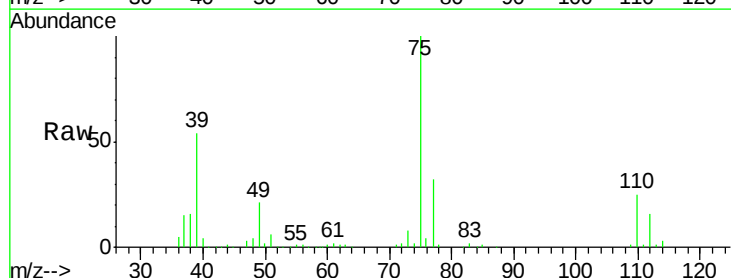
Tgt Ion: 75 Resp: 79031

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

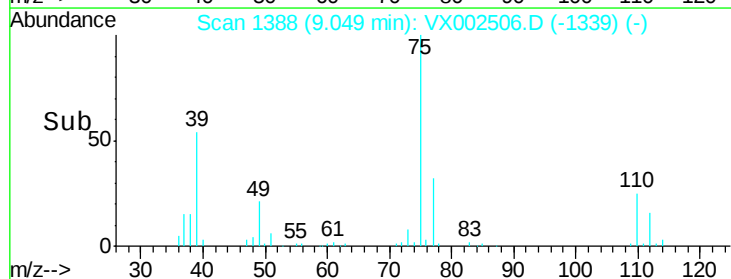
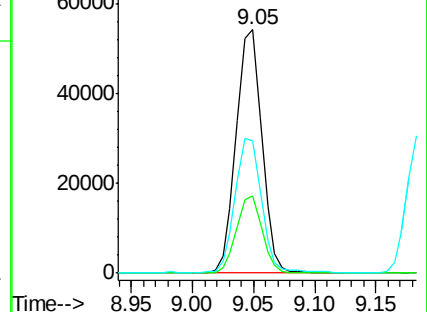
39 54.0 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

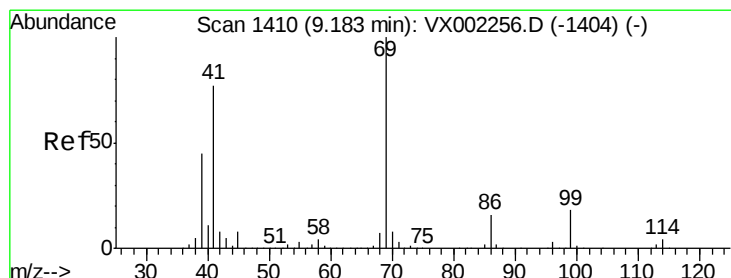
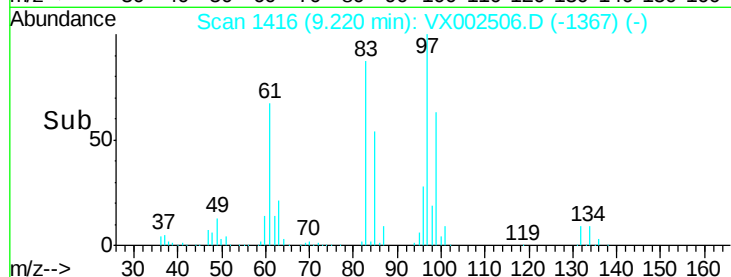
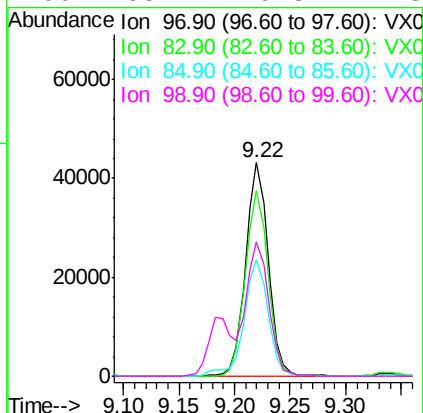
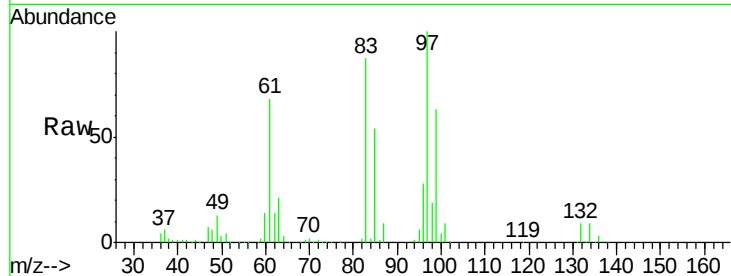




#55
 1,1,2-Trichloroethane
 Concen: 20.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

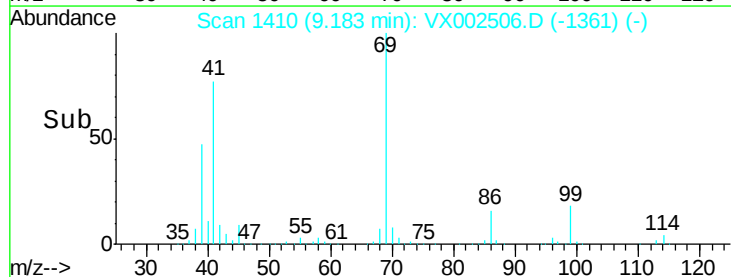
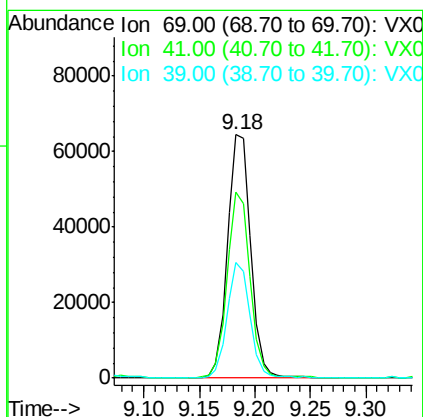
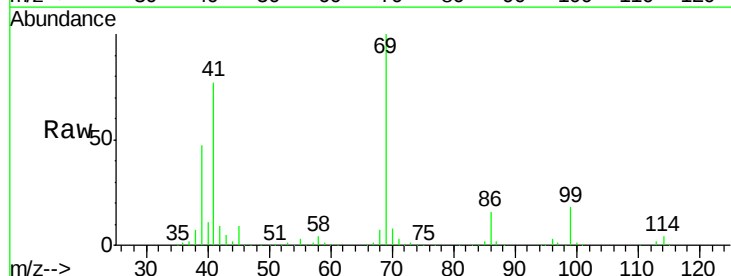
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	61265
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	54.4	44.9	67.3
99	63.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.56 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion:	69	Resp:	92974
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	46.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.24 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

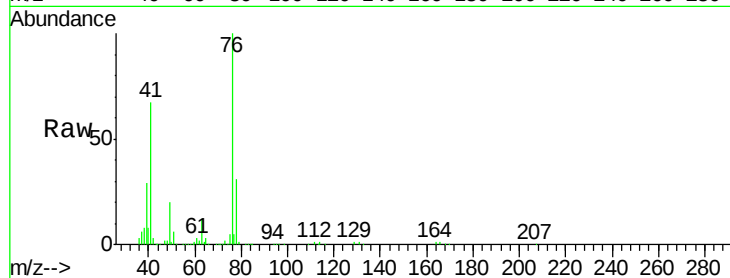
ClientSampleId :

Tot Ion: 76 Resp: 101075

Ion Ratio Lower Upper

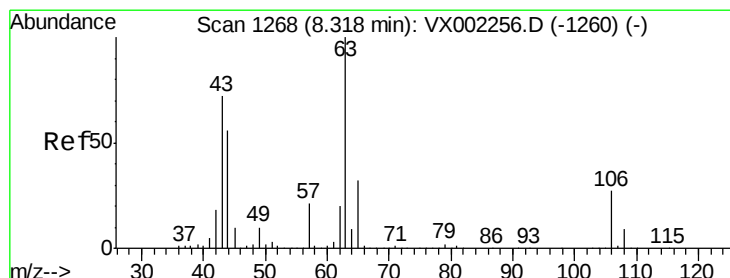
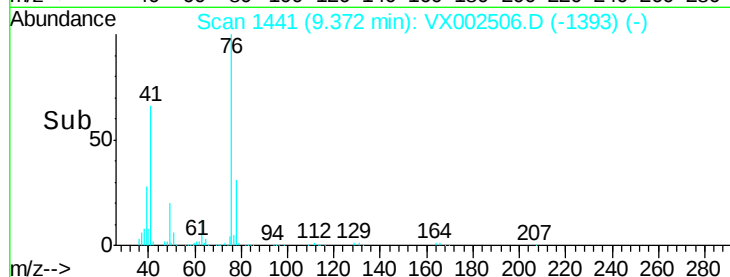
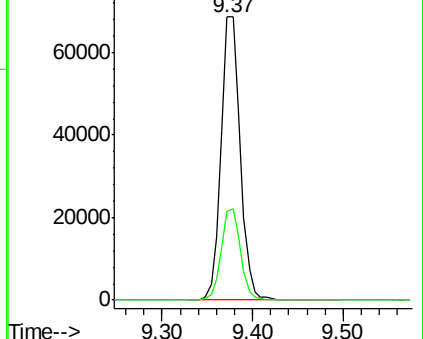
76 100

78 32.3 25.8 38.6



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: 112.53 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002506.D

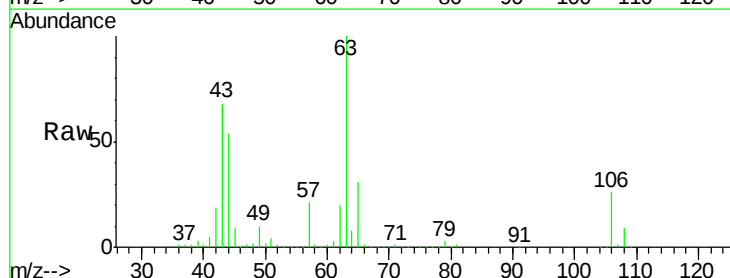
Acq: 13 Jun 2018 13:03

Tgt Ion: 63 Resp: 247528

Ion Ratio Lower Upper

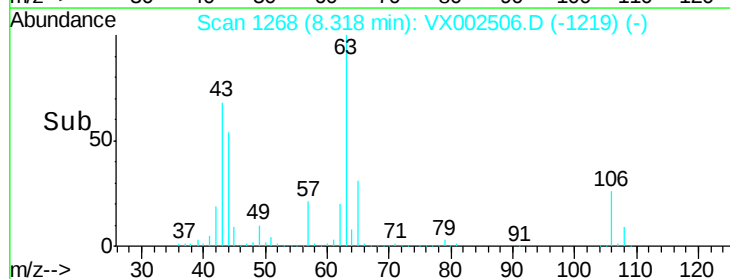
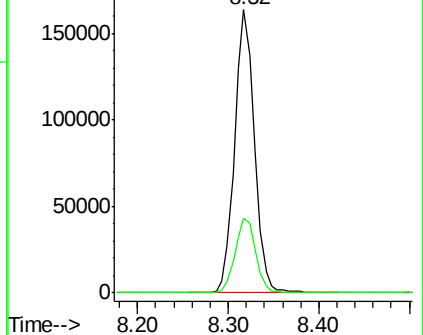
63 100

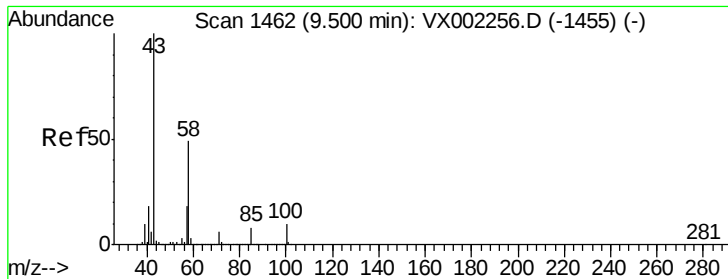
106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

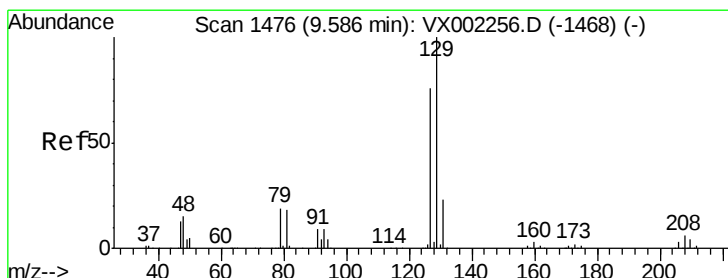
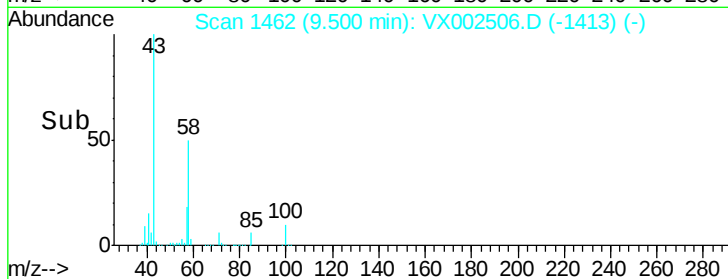
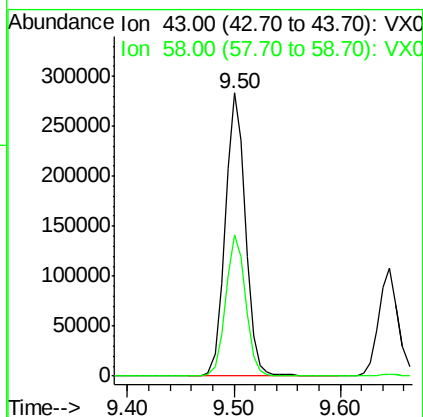
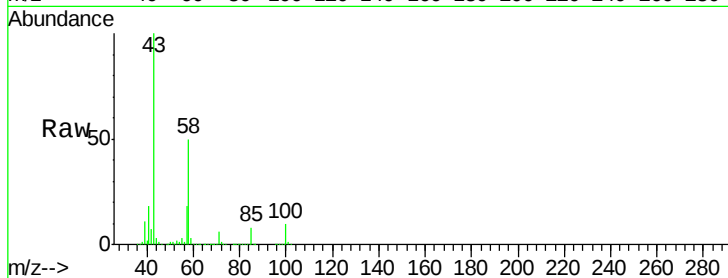




#59
2-Hexanone
Concen: 103.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

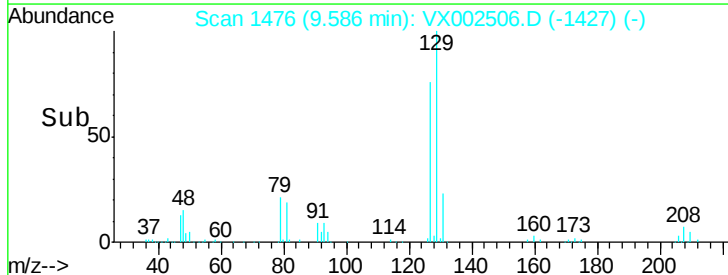
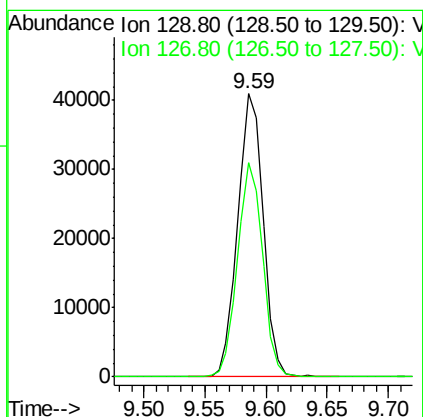
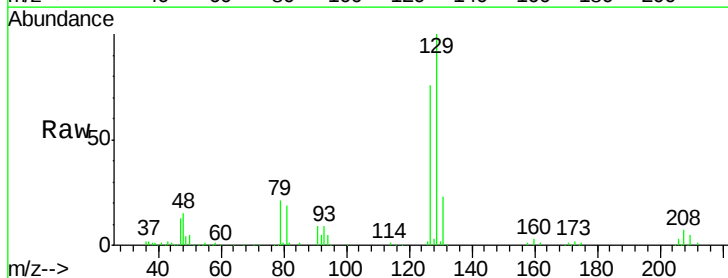
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 377918
Ion Ratio Lower Upper
43 100
58 49.5 24.6 73.6



#60
Dibromochloromethane
Concen: 19.70 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 129 Resp: 58998
Ion Ratio Lower Upper
129 100
127 74.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

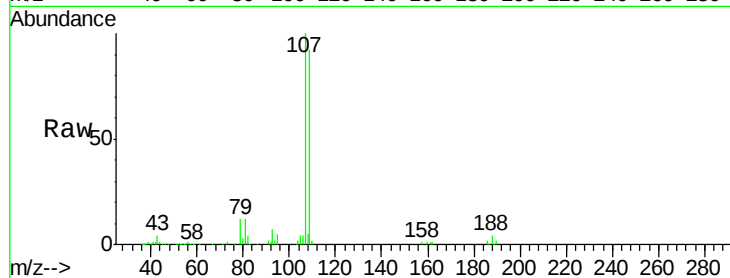
ClientSampleId :

Tot Ion:107 Resp: 63942

Ion Ratio Lower Upper

107 100

109 92.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

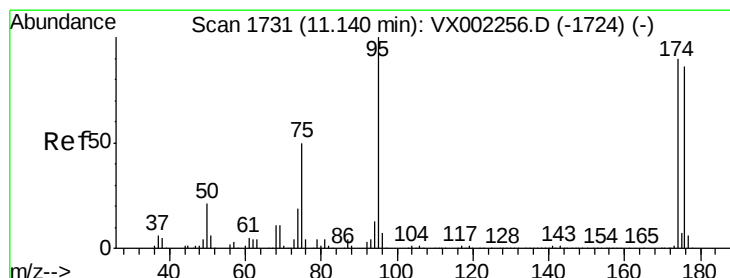
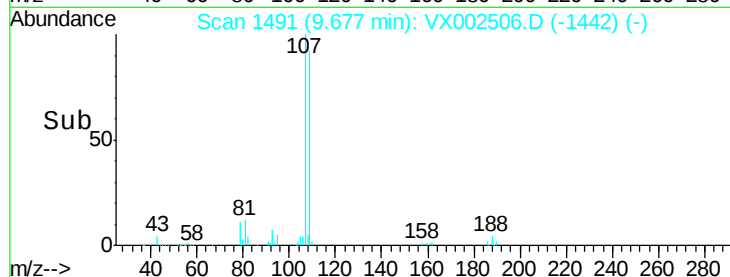
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 42.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

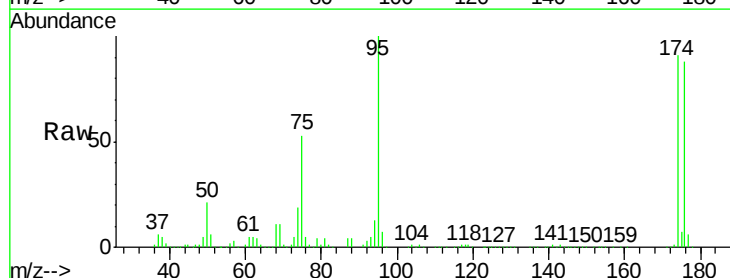
Tgt Ion: 95 Resp: 173036

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

176 91.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

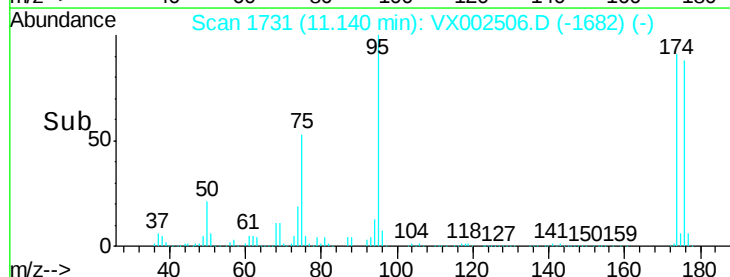
100000

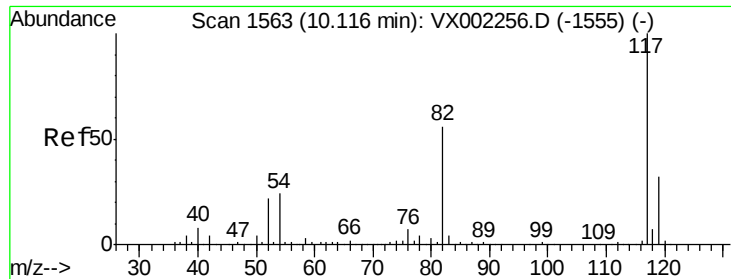
50000

0

Time-->

11.10 11.20

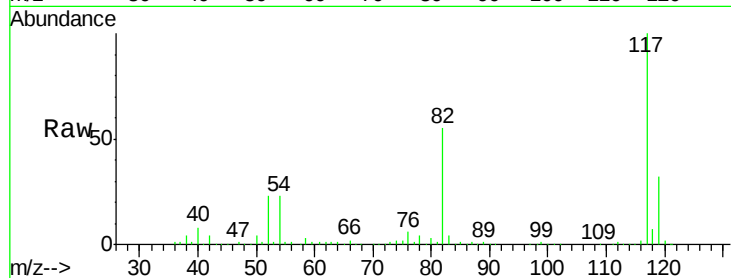




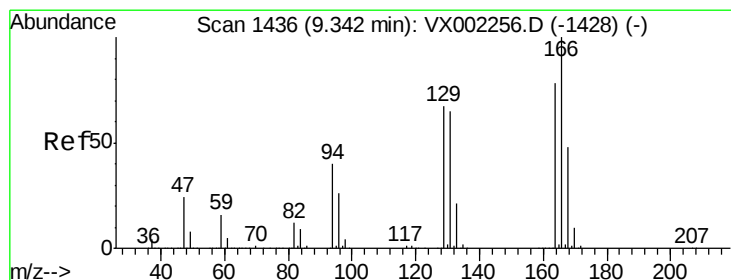
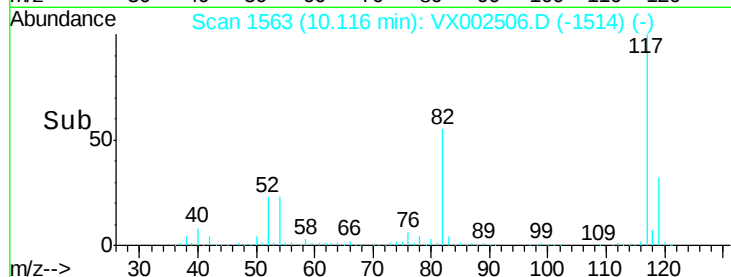
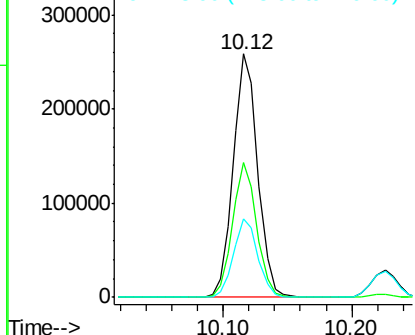
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 342414
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.3 25.8 38.6

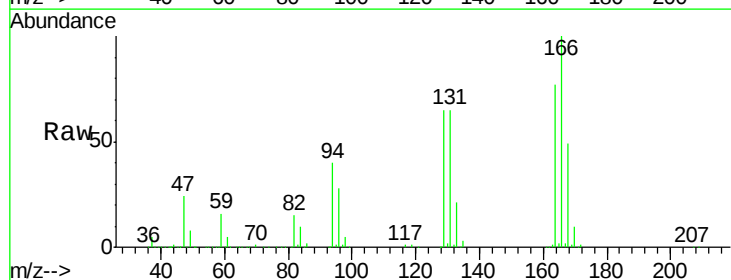


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

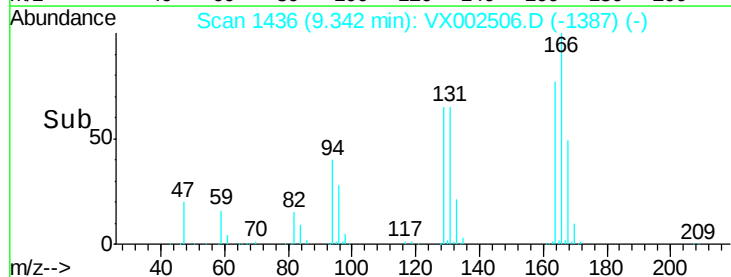
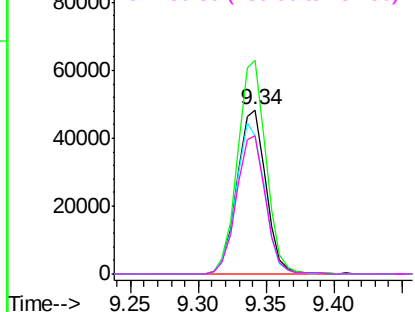


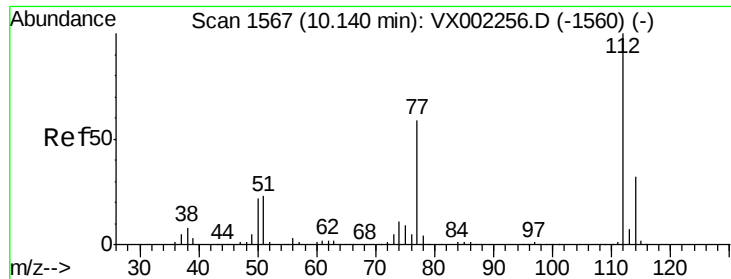
#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion:164 Resp: 71216
Ion Ratio Lower Upper
164 100
166 130.2 102.9 154.3
129 84.2 68.6 102.8
131 84.2 66.8 100.2



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

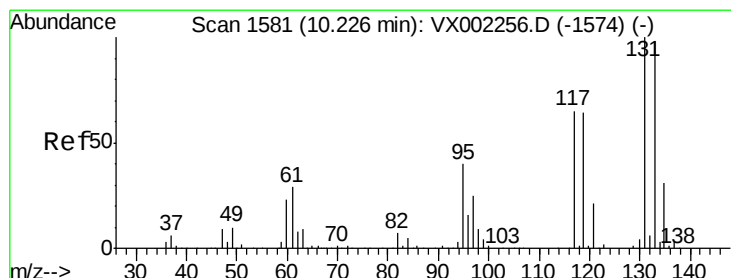
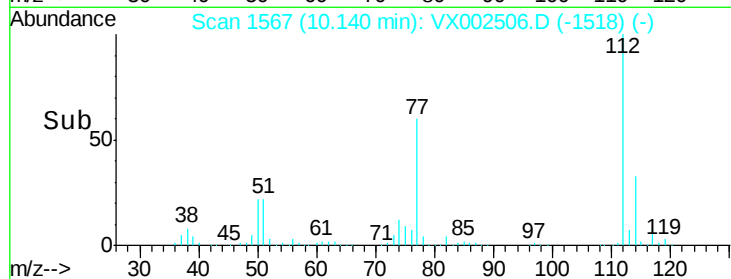
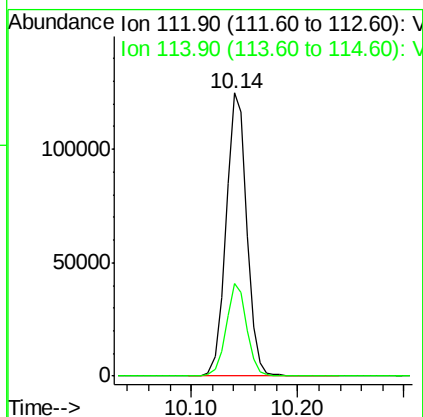
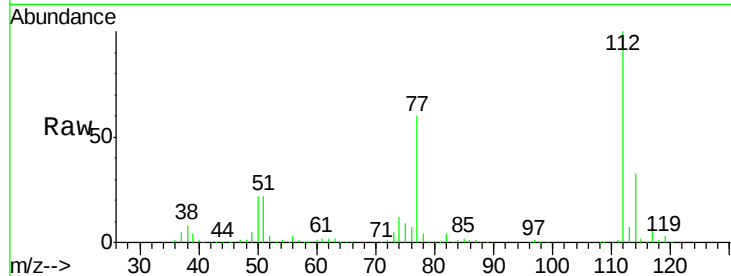




#65
Chlorobenzene
Concen: 19.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

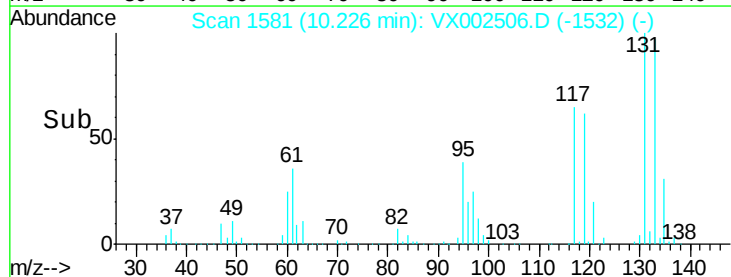
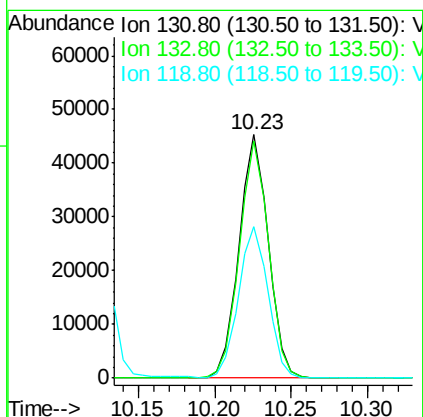
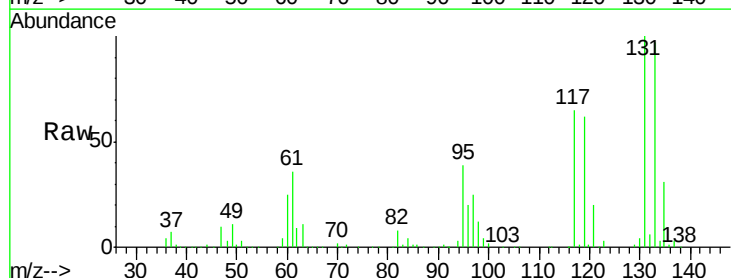
Instrument :
MSVOA_X
ClientSampled :

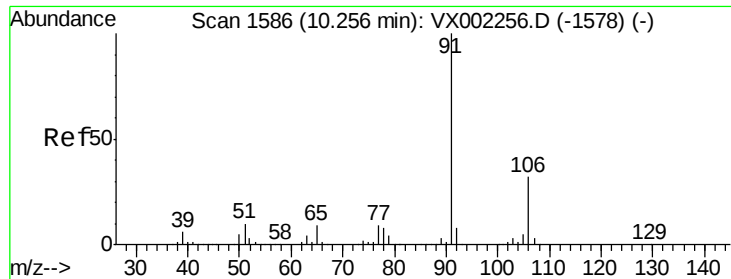
Tot Ion:112 Resp: 169944
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.52 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion:131 Resp: 60220
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 63.1 31.8 95.3

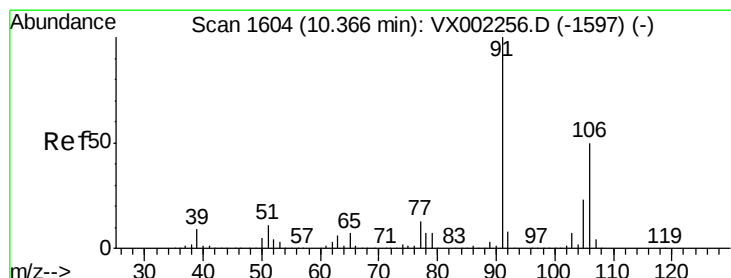
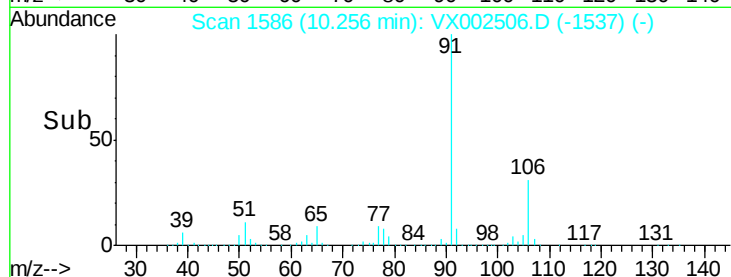
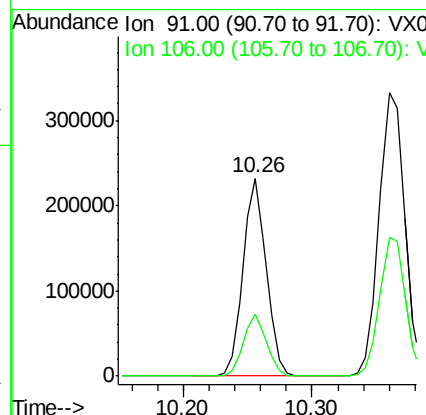
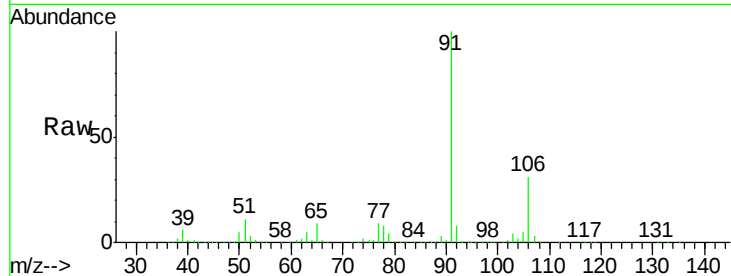




#67
Ethyl Benzene
Concen: 20.41 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

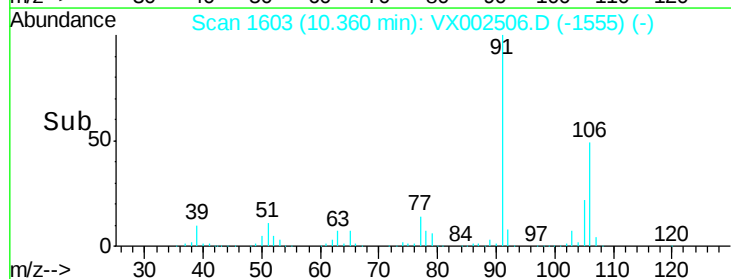
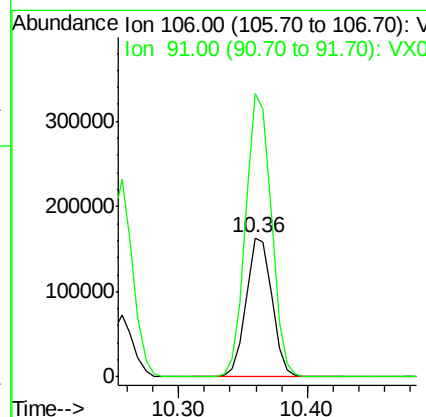
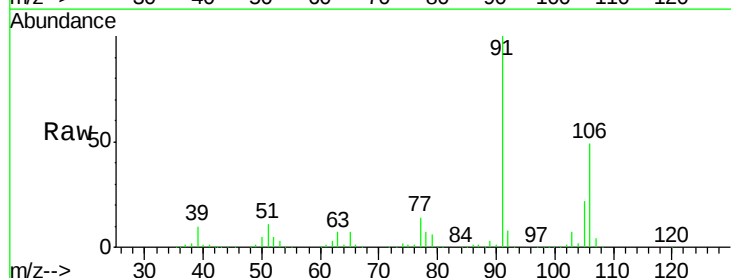
Instrument :
MSVOA_X
ClientSampled :

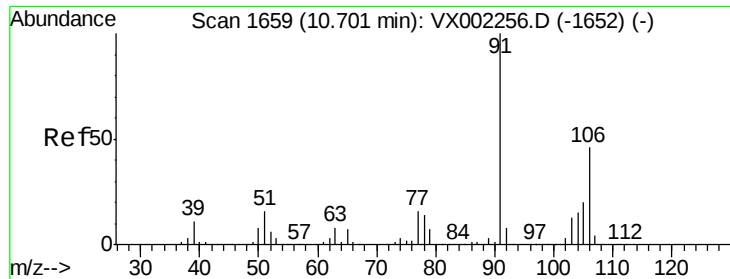
Tot Ion: 91 Resp: 291006
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.52 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 106 Resp: 224582
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

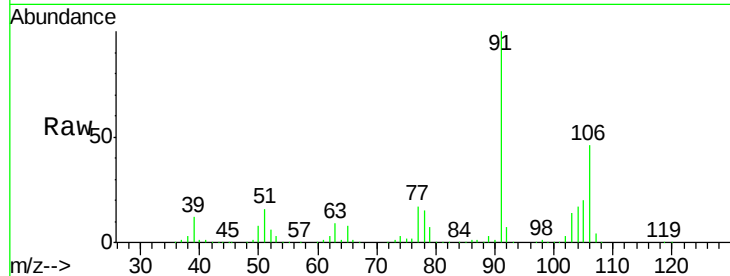




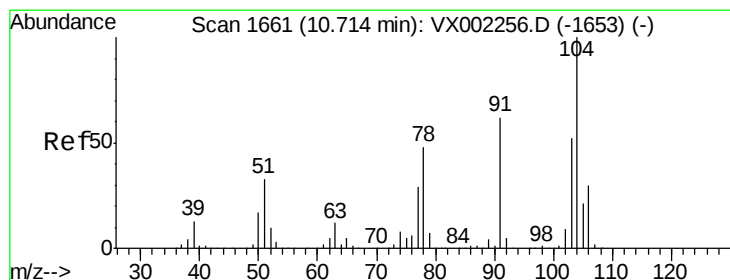
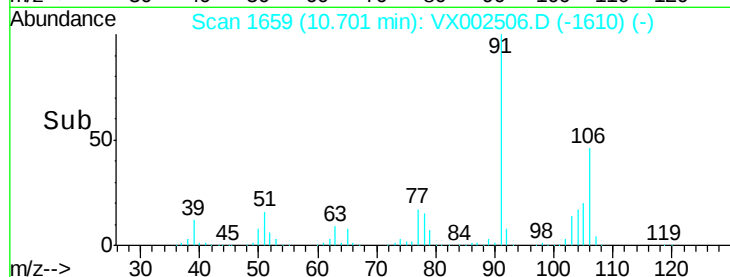
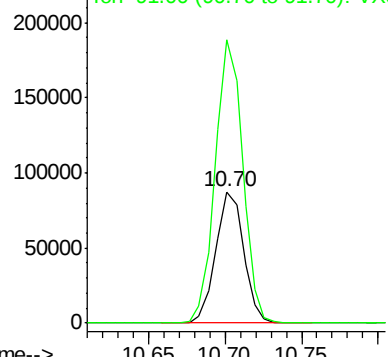
#69
o-Xylene
Concen: 20.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 111036
Ion Ratio Lower Upper
106 100
91 212.8 108.2 324.6

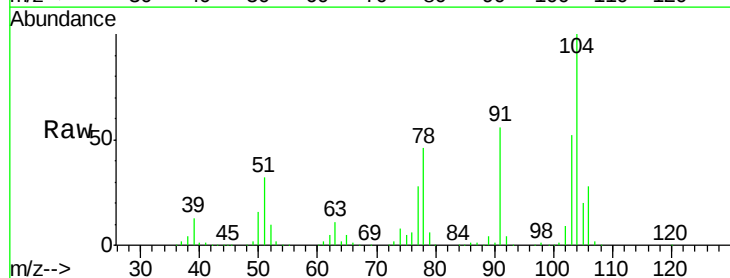


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

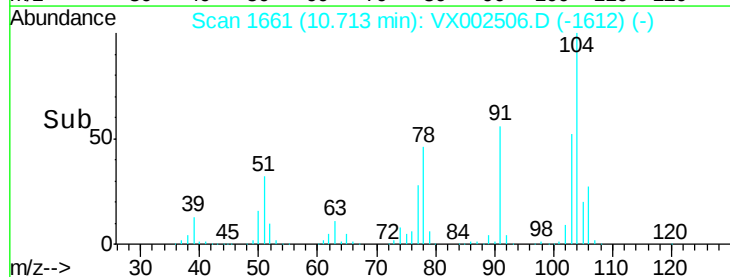
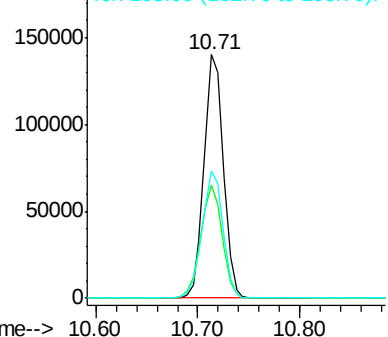


#70
Styrene
Concen: 20.34 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion:104 Resp: 183393
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 56.3 44.2 66.4



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





#71

Bromoform

Concen: 17.99 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

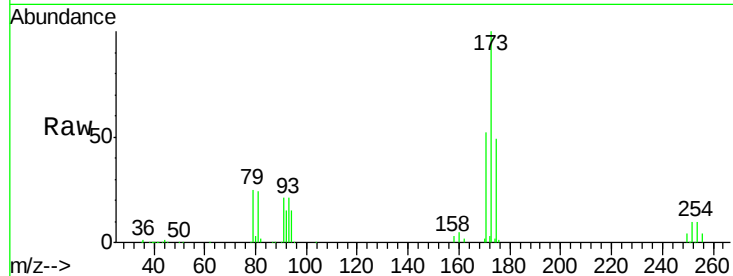
Tot Ion:173 Resp: 43129

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

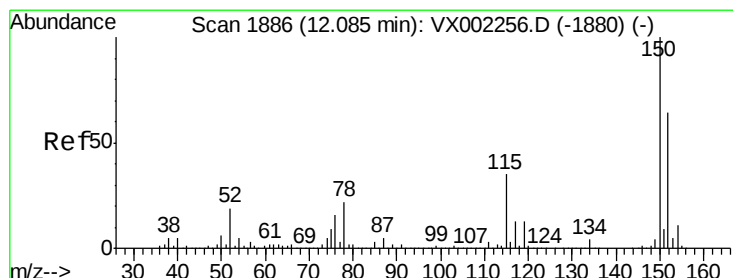
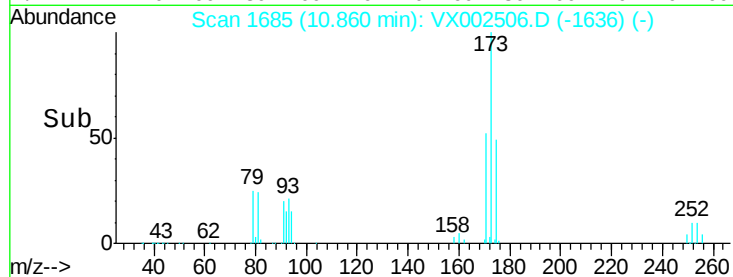
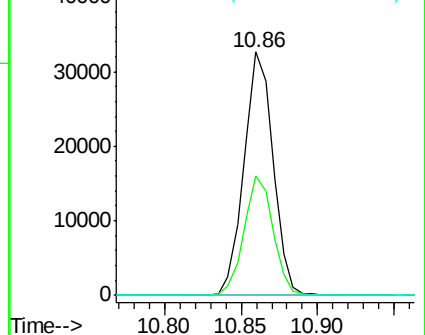
254 0.1 0.2 0.2#



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: VX002506.D

Acq: 13 Jun 2018 13:03

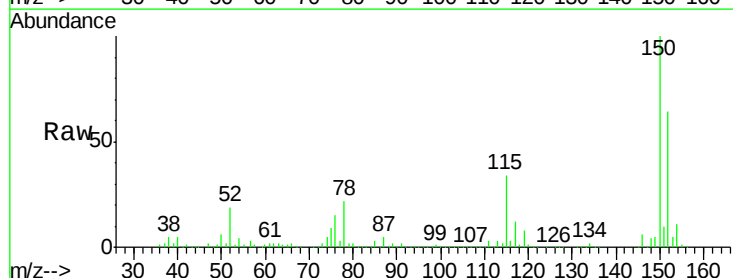
Tgt Ion:152 Resp: 215294

Ion Ratio Lower Upper

152 100

115 65.5 40.1 120.2

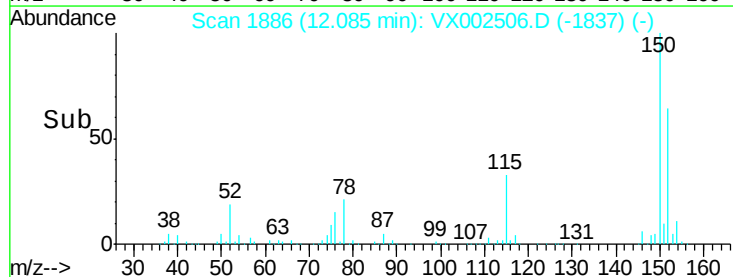
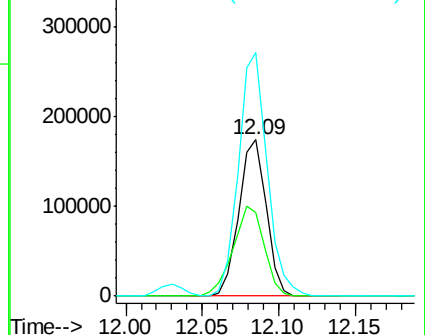
150 163.6 0.0 347.2

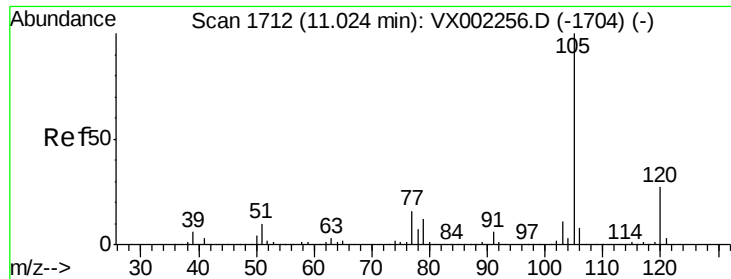


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

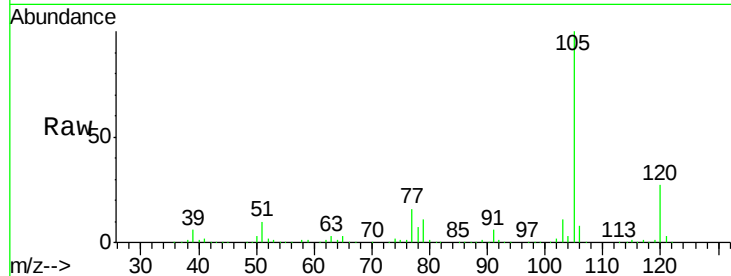
ClientSampled :

Tot Ion:105 Resp: 305724

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

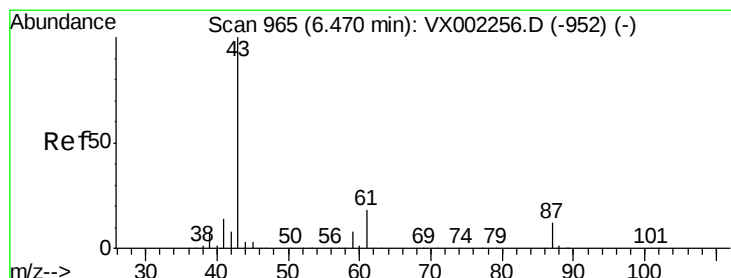
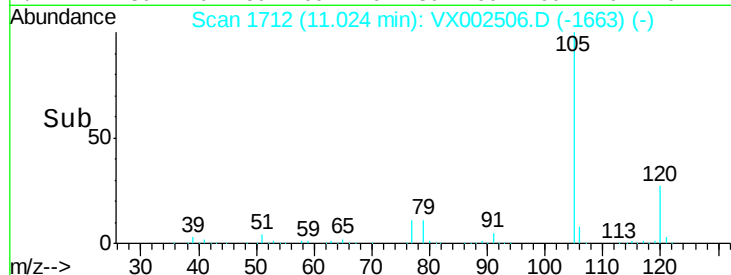
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 18.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Tgt Ion: 43 Resp: 146116

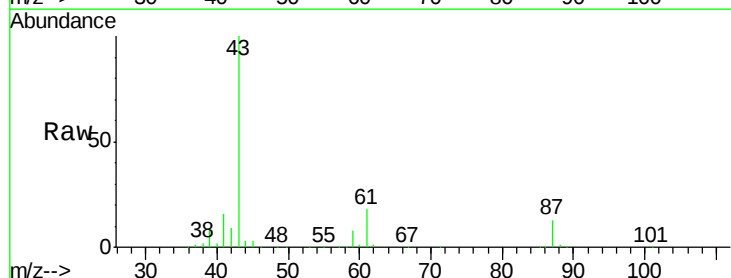
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

6.47

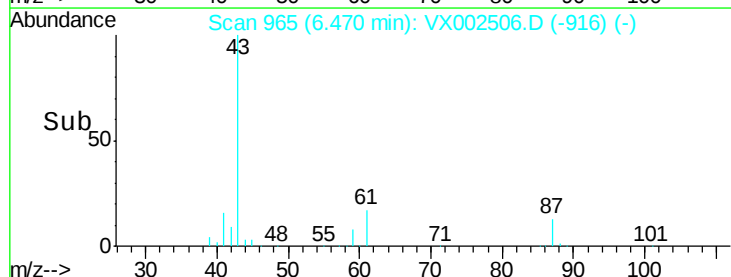
6.30

6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.65 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

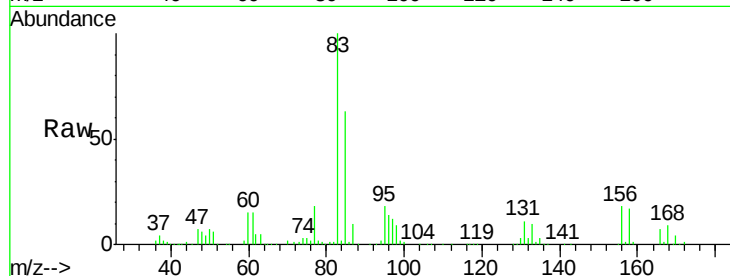
Tot Ion: 83 Resp: 92557

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

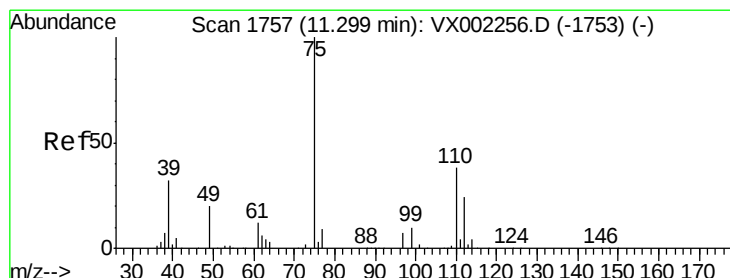
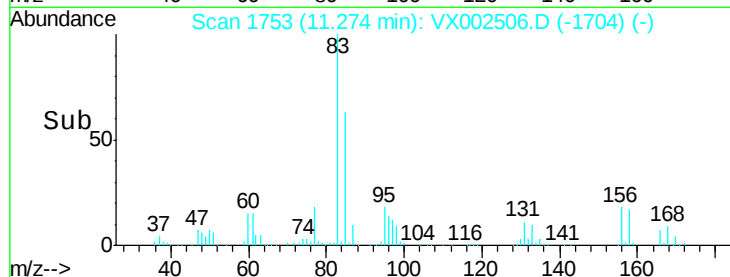
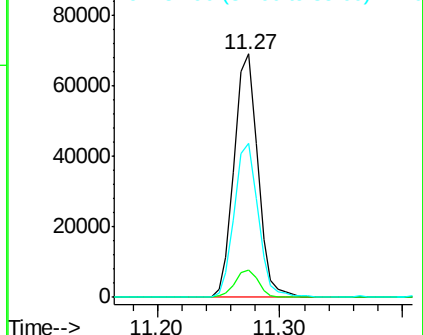
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002506.D (-1746) (-)

Ion 130.80 (130.50 to 131.50): VX002506.D (-1746) (-)

Ion 84.90 (84.60 to 85.60): VX002506.D (-1746) (-)



#76

1,2,3-Trichloropropane

Concen: 22.43 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002506.D

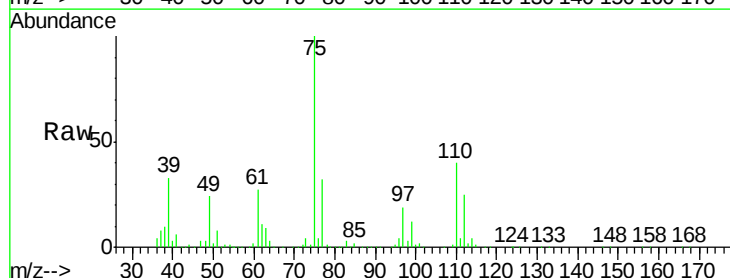
Acq: 13 Jun 2018 13:03

Tgt Ion: 75 Resp: 105947

Ion Ratio Lower Upper

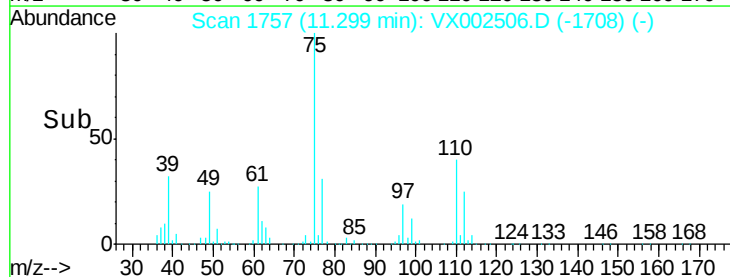
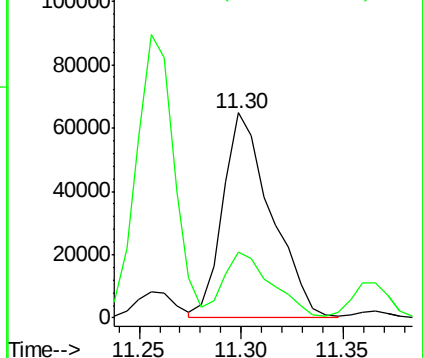
75 100

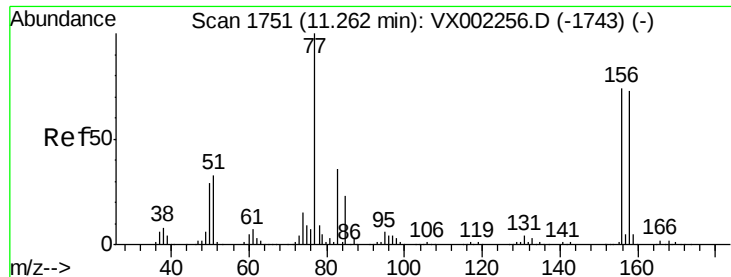
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002506.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002506.D (-1708) (-)





#77

Bromobenzene

Concen: 19.31 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampled :

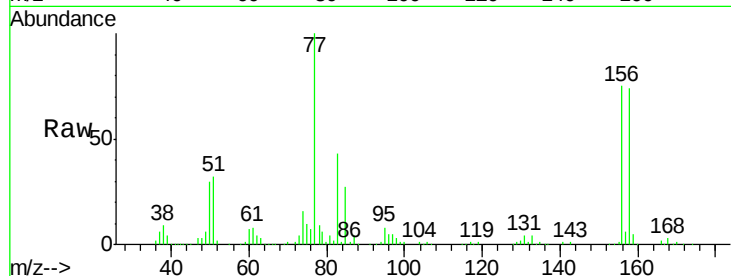
Tot Ion:156 Resp: 81185

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

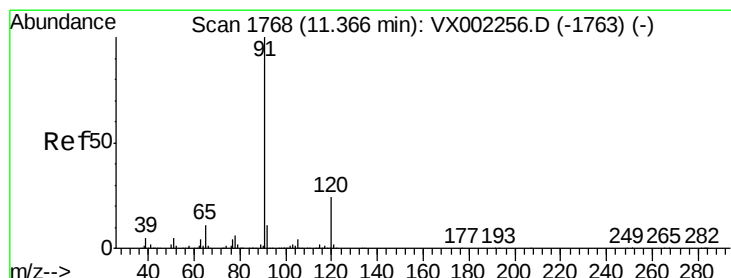
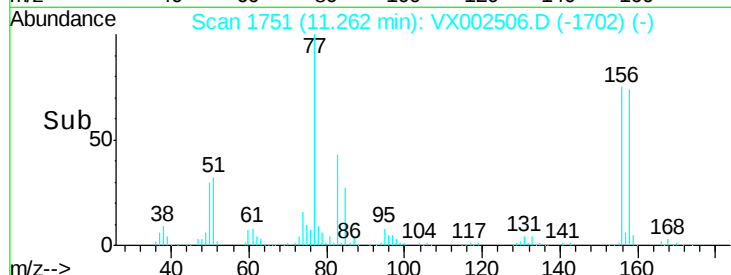
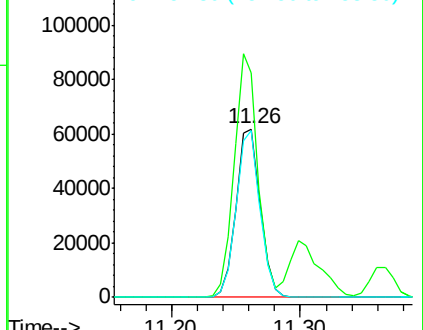
158 96.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002506.D

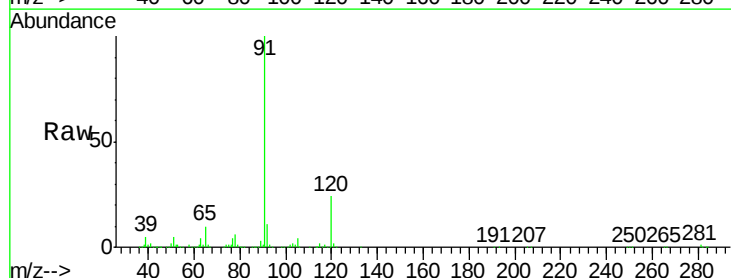
Acq: 13 Jun 2018 13:03

Tgt Ion: 91 Resp: 349620

Ion Ratio Lower Upper

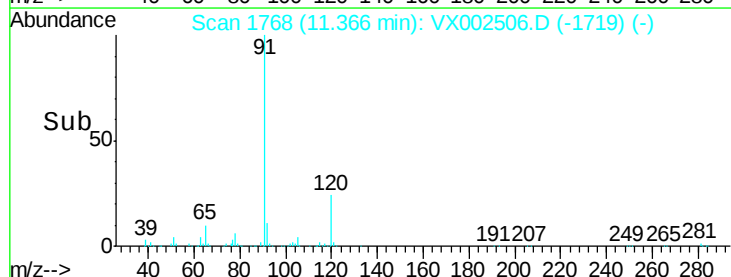
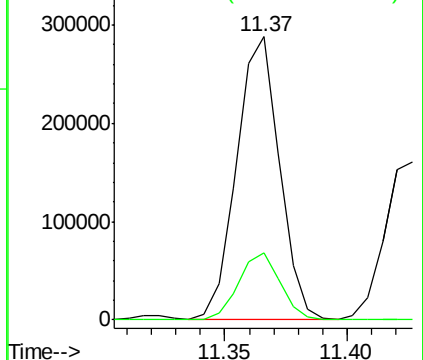
91 100

120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.51 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

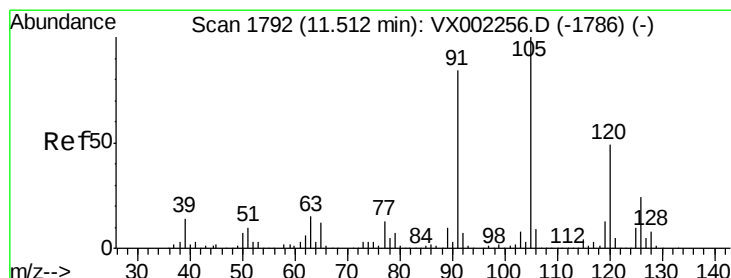
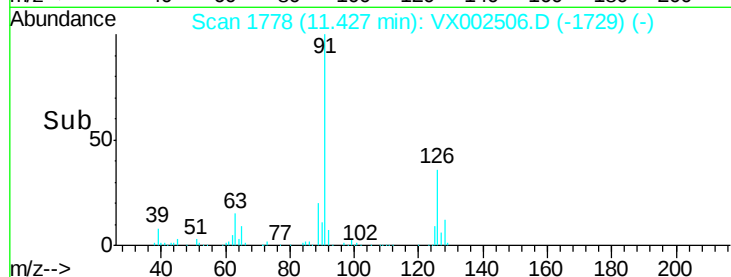
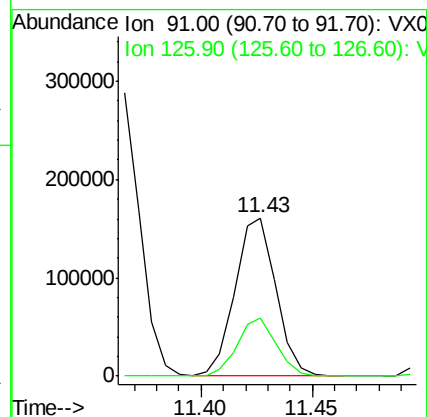
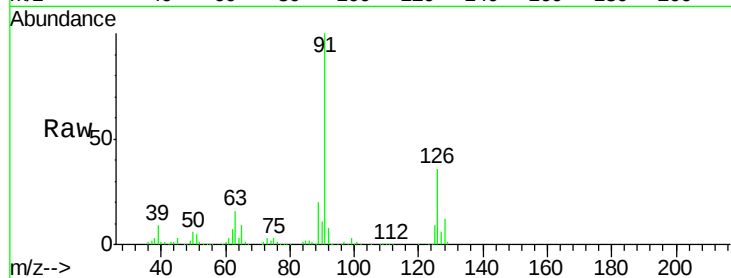
ClientSampled :

Tot Ion: 91 Resp: 205041

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002506.D

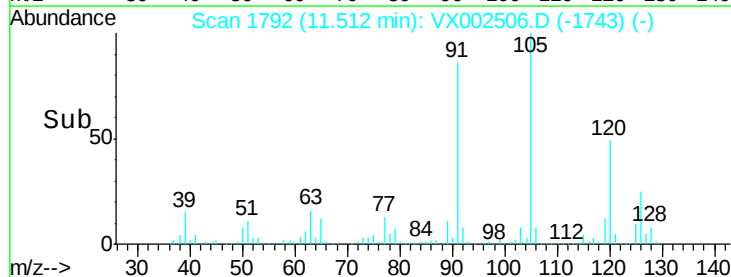
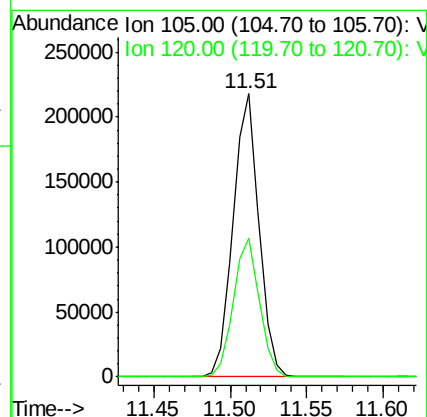
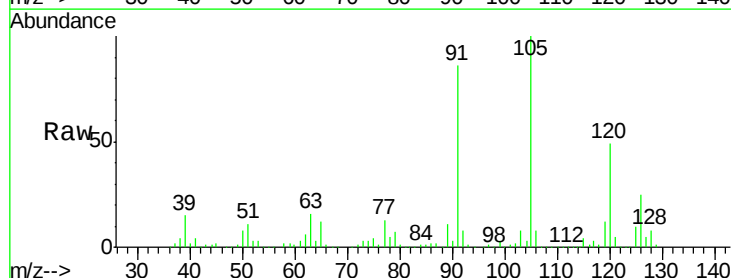
Acq: 13 Jun 2018 13:03

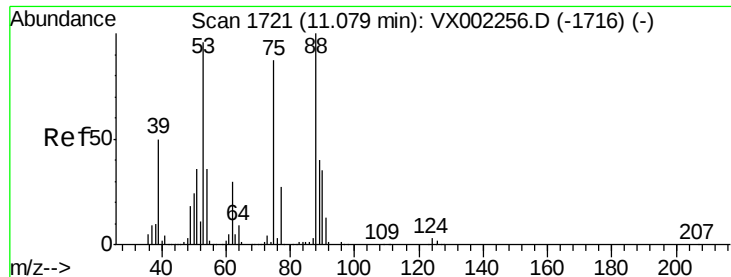
Tgt Ion:105 Resp: 253656

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.03 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

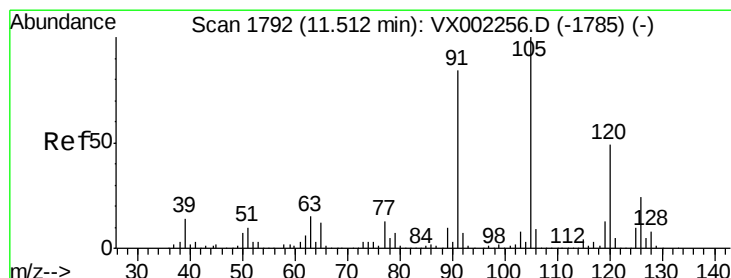
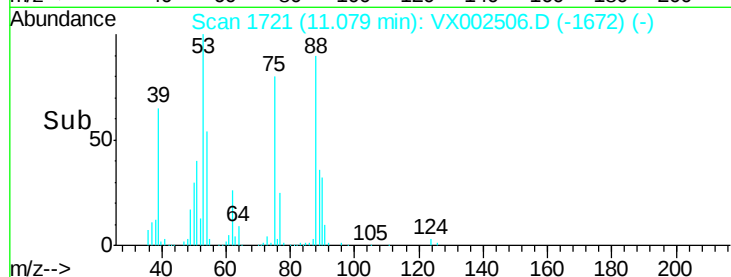
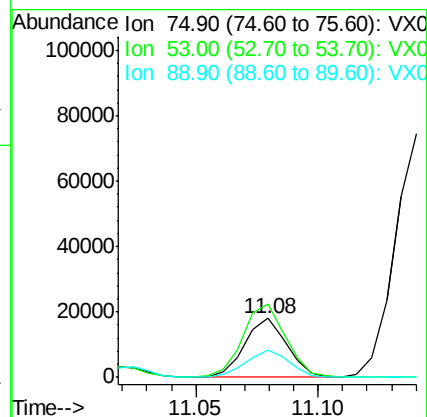
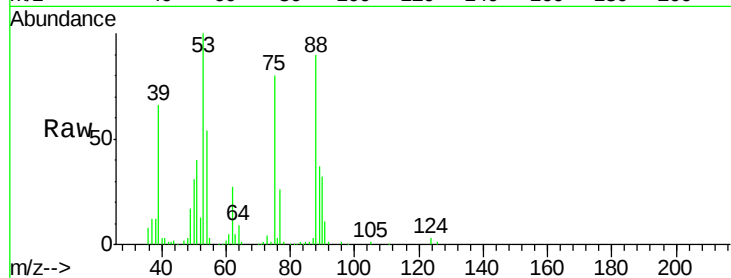
Tot Ion: 75 Resp: 21602

Ion Ratio Lower Upper

75 100

53 128.9 86.8 130.2

89 47.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002506.D

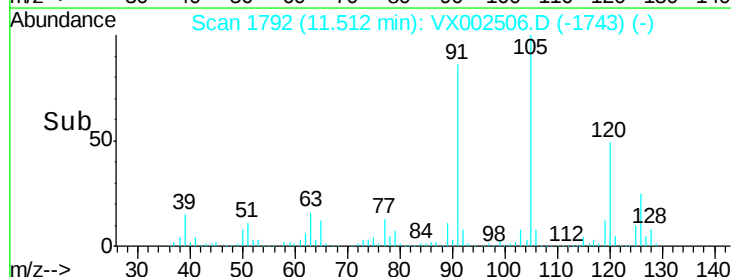
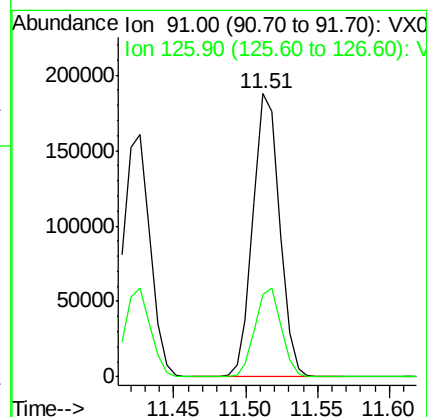
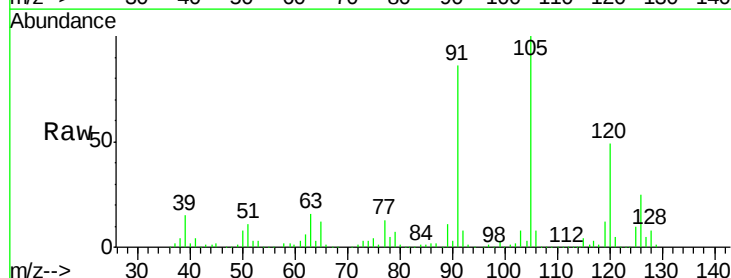
Acq: 13 Jun 2018 13:03

Tgt Ion: 91 Resp: 239658

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4

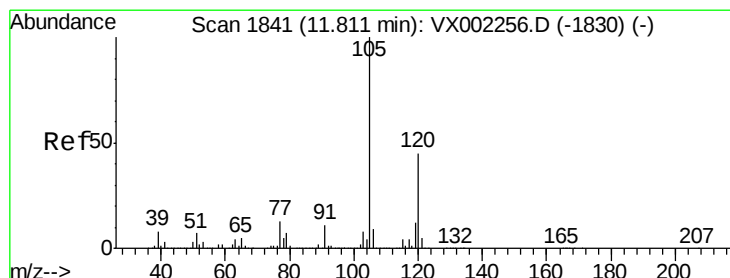
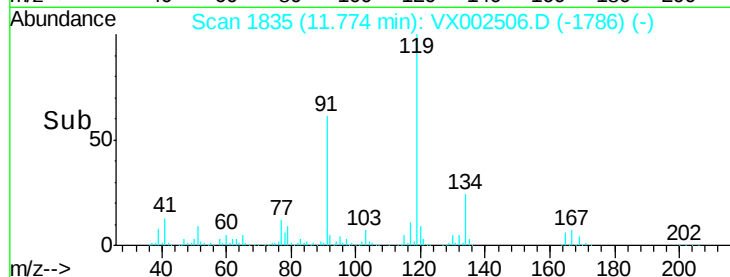
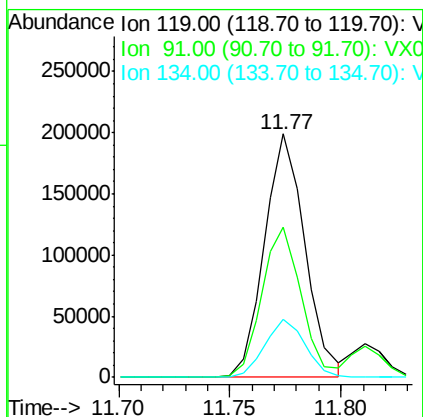
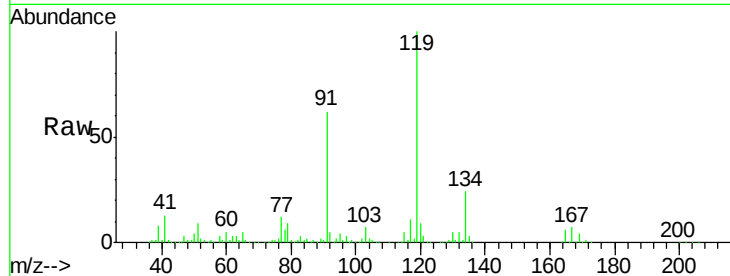




#83
 tert-Butylbenzene
 Concen: 20.09 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

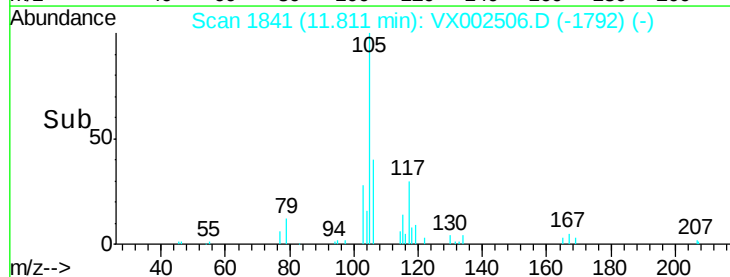
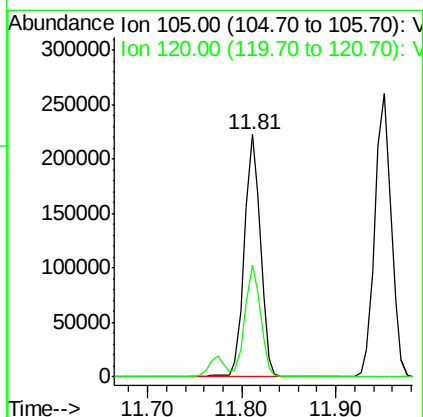
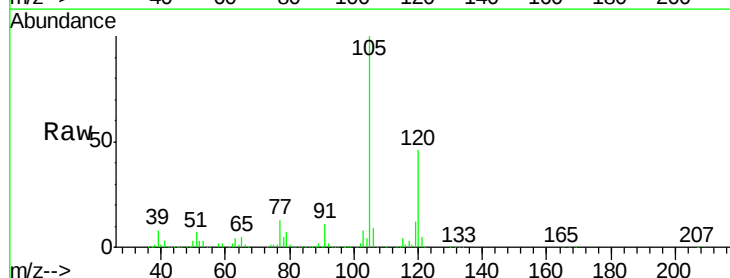
Instrument :
 MSVOA_X
 ClientSampled :

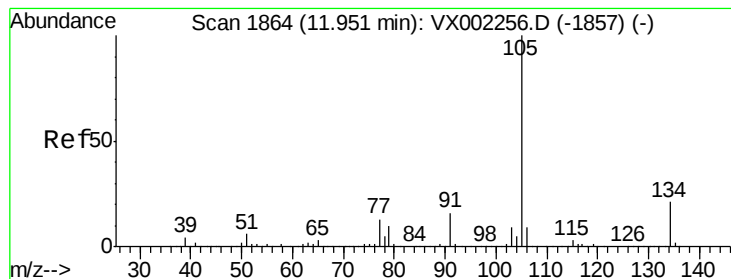
Tot Ion:119 Resp: 251366
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion:105 Resp: 264872
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.53 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

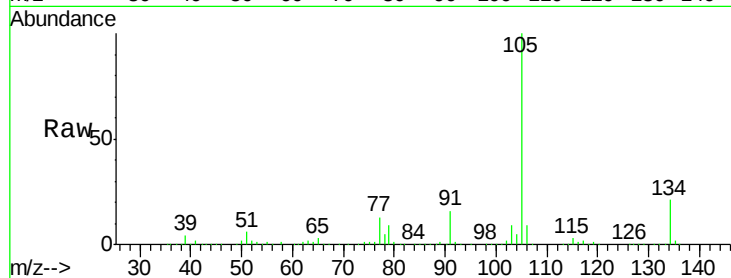
ClientSampled :

Tot Ion:105 Resp: 315800

Ion Ratio Lower Upper

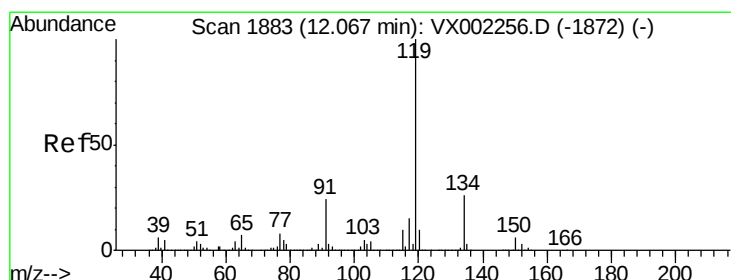
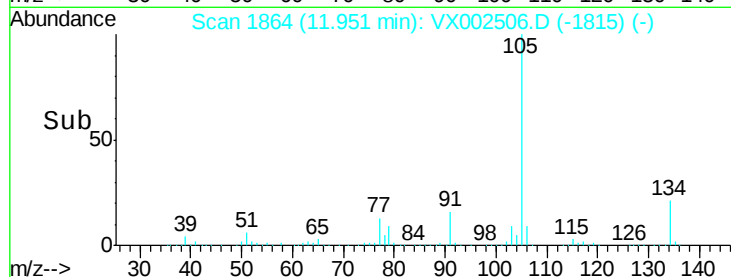
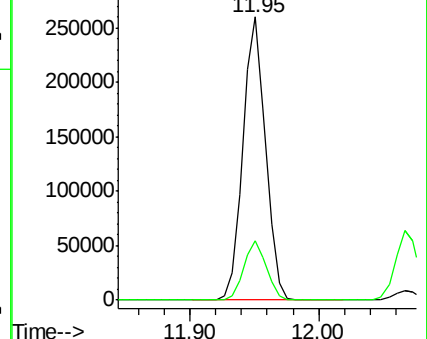
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

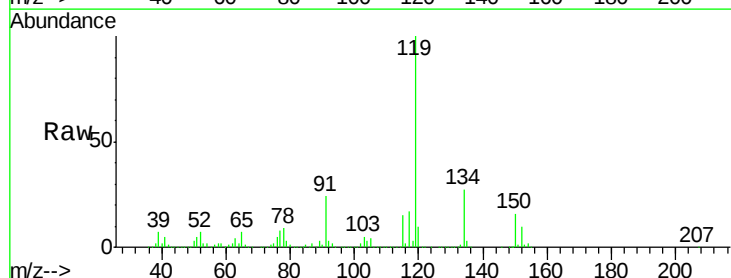
Tgt Ion:119 Resp: 282392

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

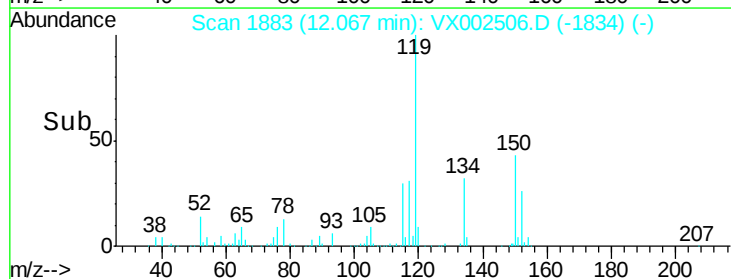
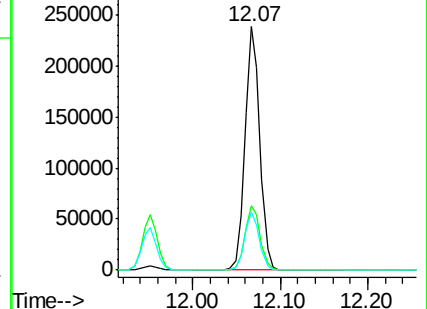
91 24.0 11.9 35.7

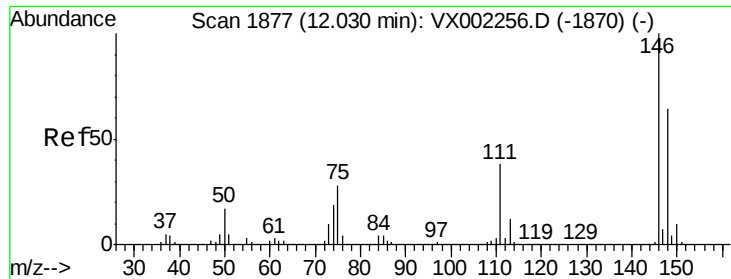


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.76 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

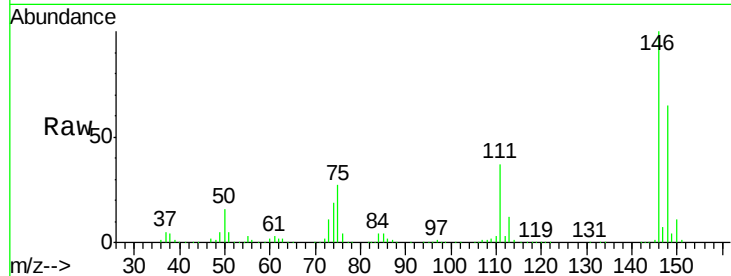
Tot Ion:146 Resp: 148527

Ion Ratio Lower Upper

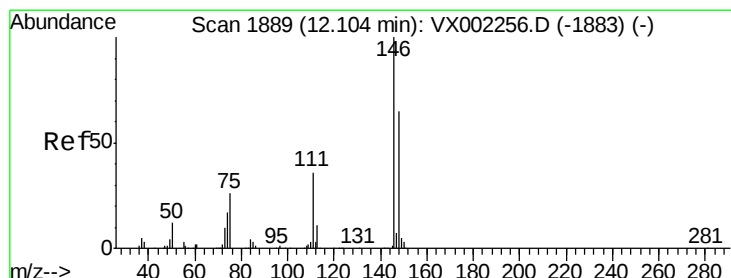
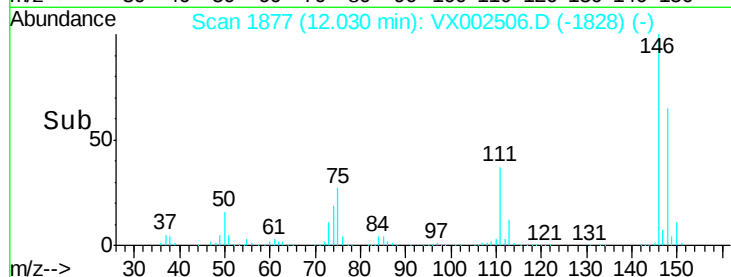
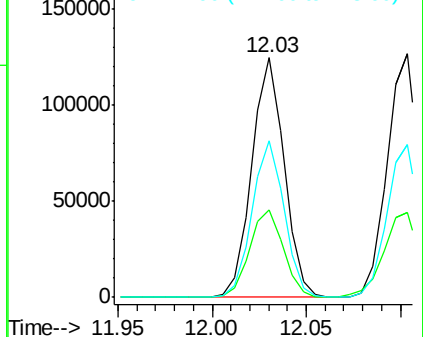
146 100

111 38.1 18.9 56.7

148 64.7 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.87 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

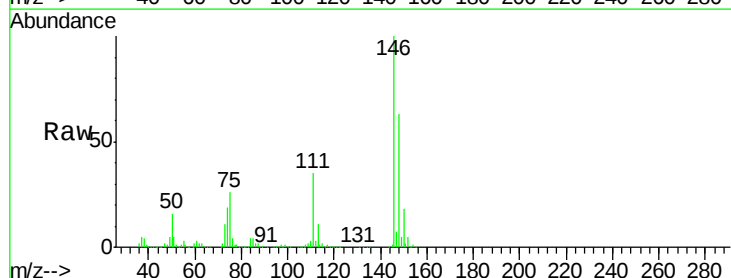
Tgt Ion:146 Resp: 153990

Ion Ratio Lower Upper

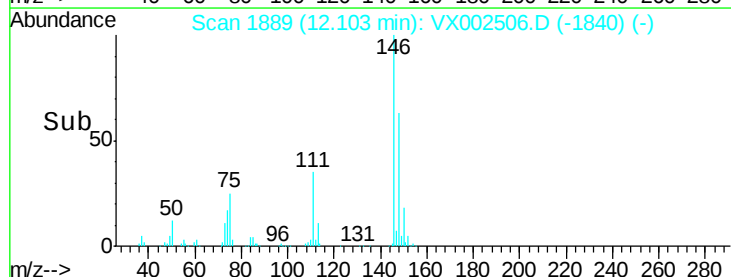
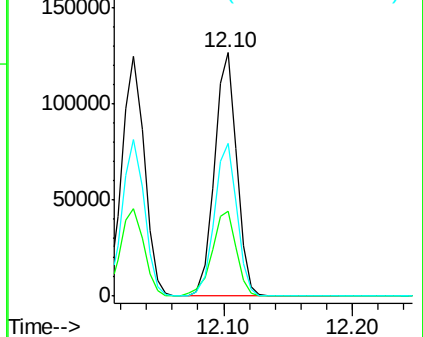
146 100

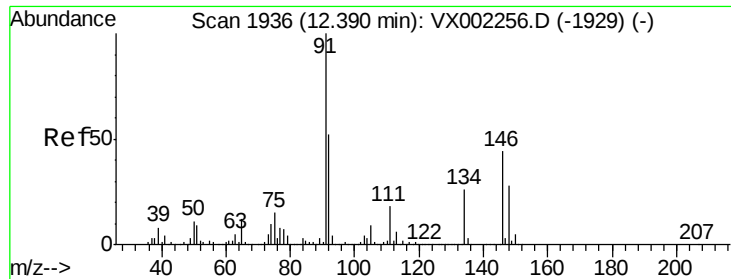
111 38.0 18.7 56.1

148 64.1 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





#89

n-Butylbenzene

Concen: 22.00 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

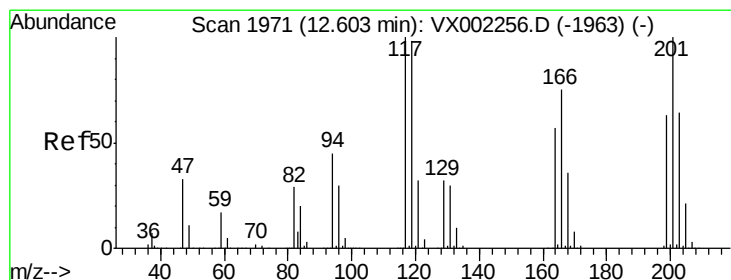
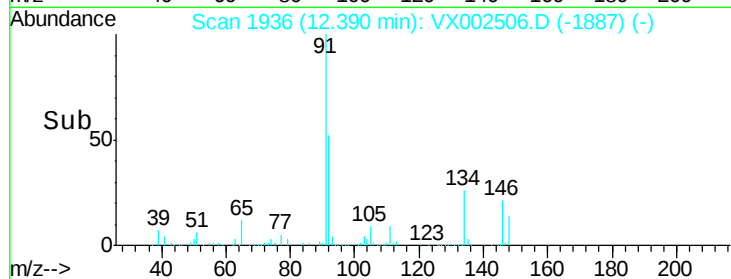
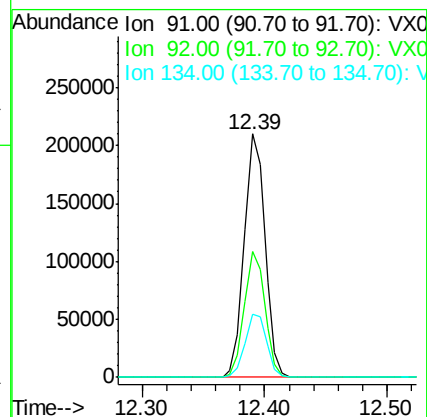
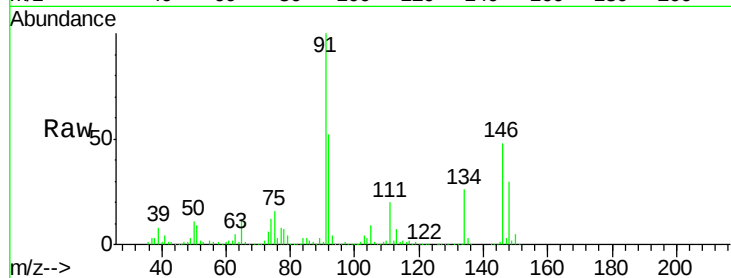
Tot Ion: 91 Resp: 246448

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 17.88 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002506.D

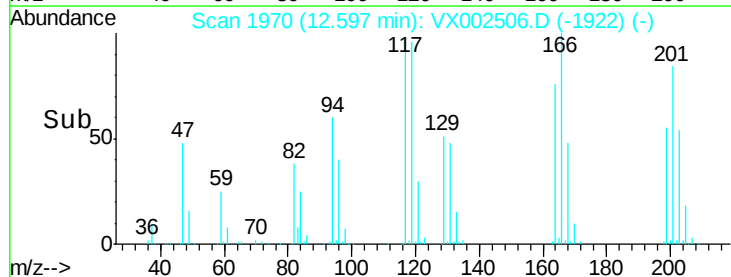
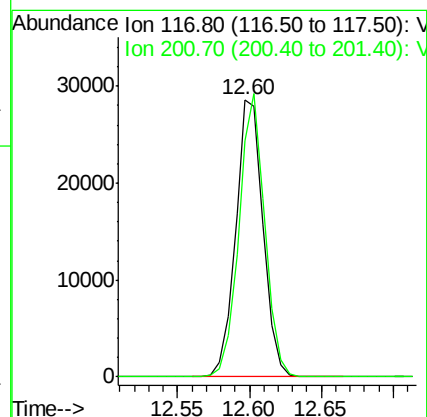
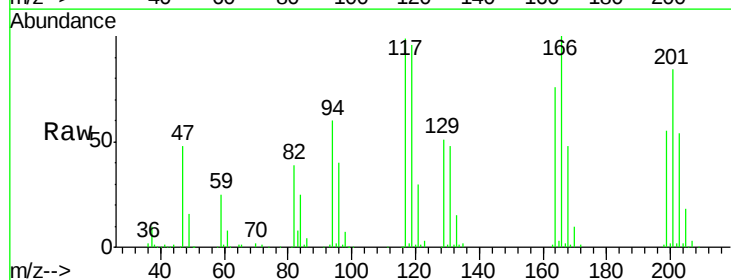
Acq: 13 Jun 2018 13:03

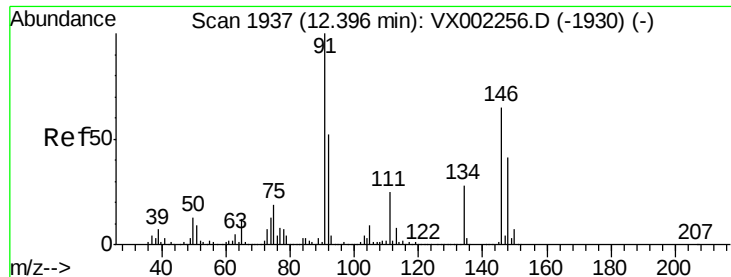
Tgt Ion: 117 Resp: 38131

Ion Ratio Lower Upper

117 100

201 94.8 49.0 147.0

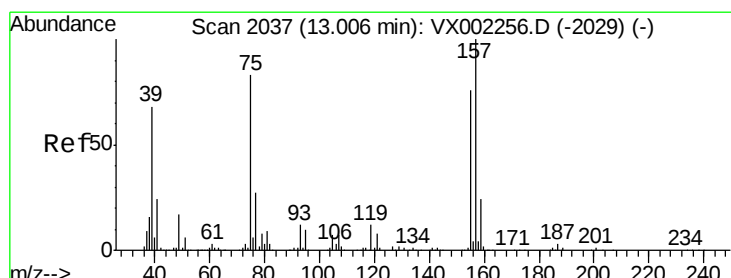
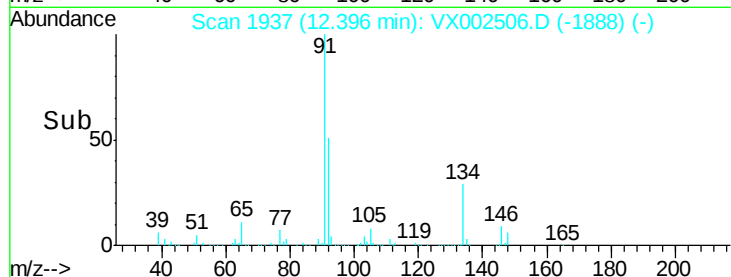
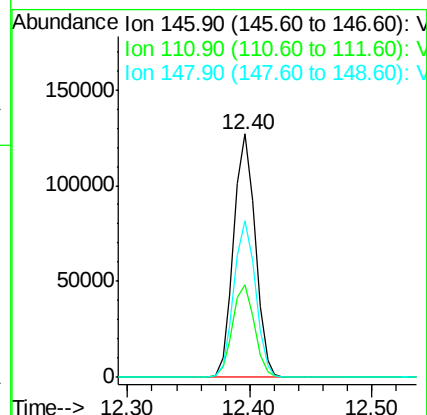
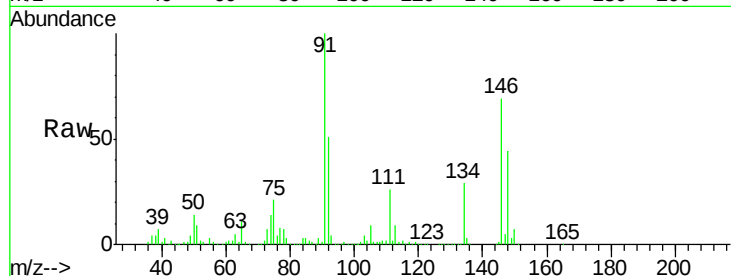




#91
1,2-Dichlorobenzene
Concen: 19.90 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

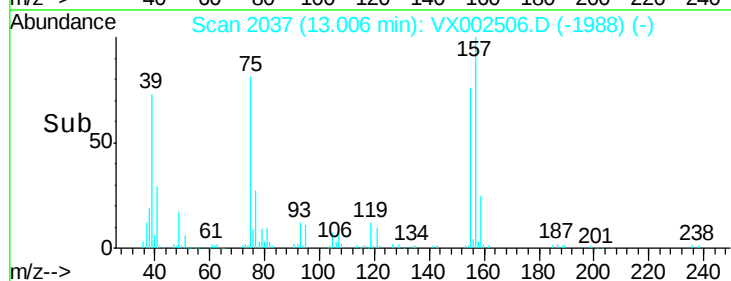
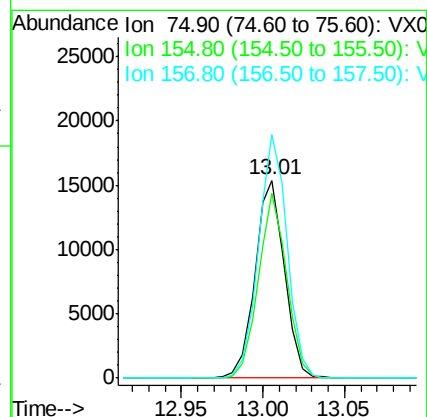
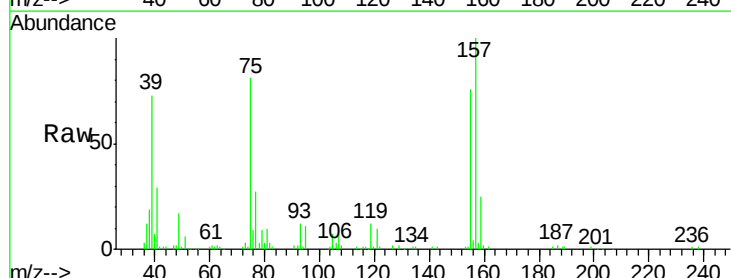
Instrument :
MSVOA_X
ClientSampleId :

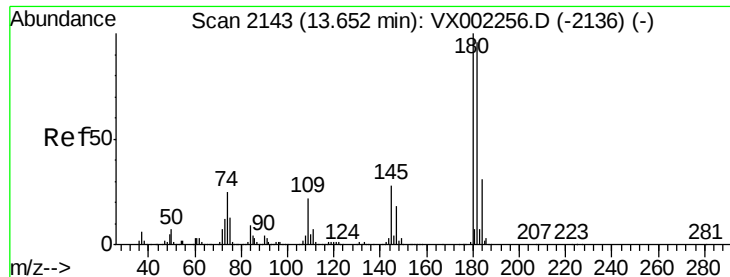
Tot Ion:146 Resp: 154784
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.1
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.70 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002506.D
Acq: 13 Jun 2018 13:03

Tgt Ion: 75 Resp: 19258
Ion Ratio Lower Upper
75 100
155 90.2 45.8 137.4
157 119.7 60.1 180.3

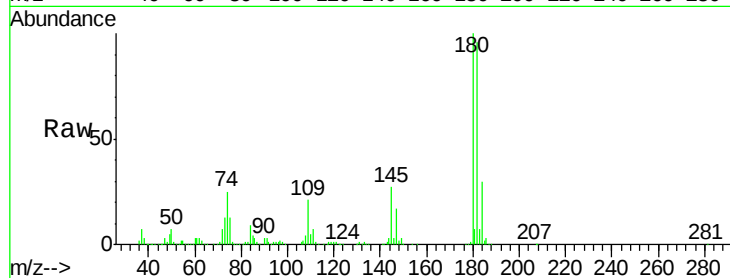




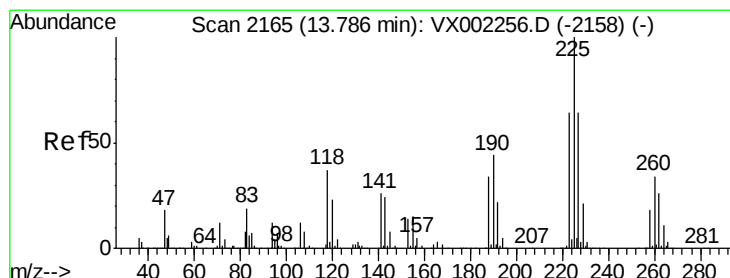
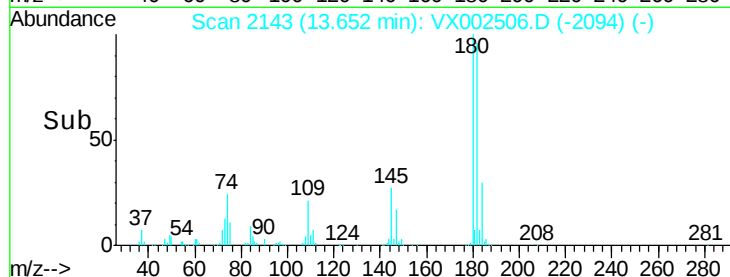
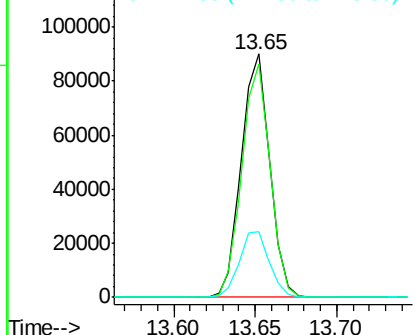
#93
 1,2,4-Trichlorobenzene
 Concen: 20.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 109784
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.5 14.1 42.4

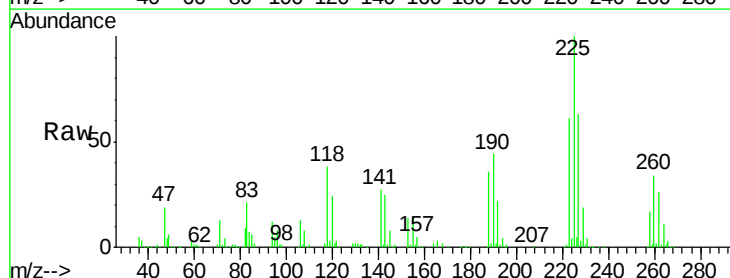


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

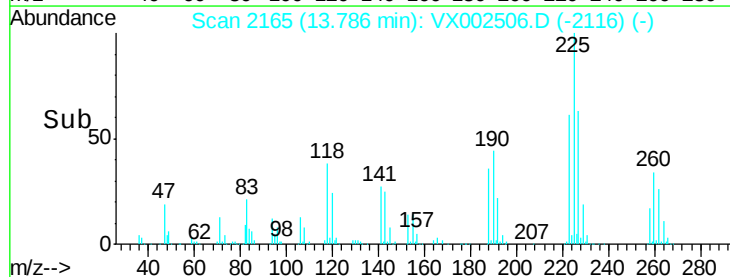
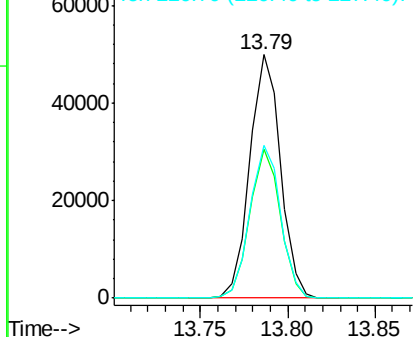


#94
 Hexachlorobutadiene
 Concen: 22.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002506.D
 Acq: 13 Jun 2018 13:03

Tgt Ion:225 Resp: 60856
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.6 95.0
 227 63.0 32.4 97.2



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





#95

Naphthalene

Concen: 19.85 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

Instrument :

MSVOA_X

ClientSampleId :

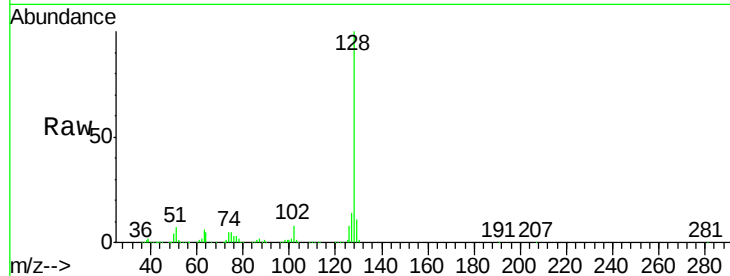
Tot Ion:128 Resp: 311044

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

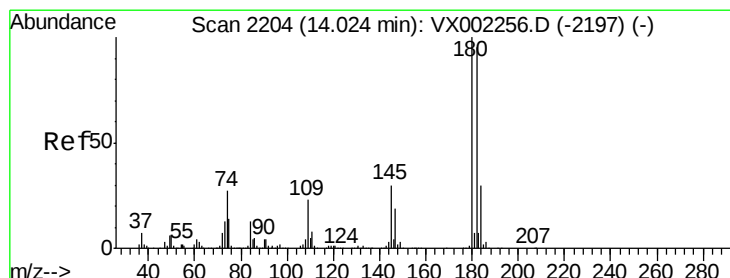
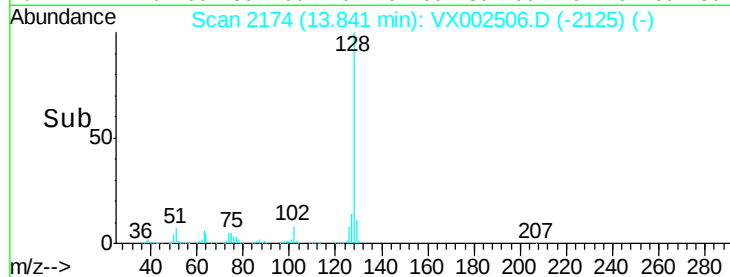
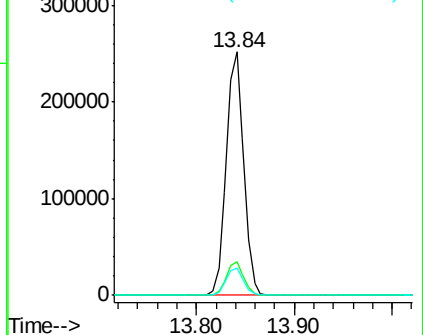
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002506.D

Acq: 13 Jun 2018 13:03

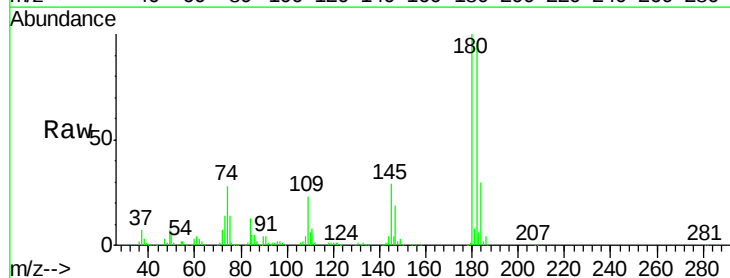
Tgt Ion:180 Resp: 112336

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.0

145 29.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

