

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003277.D
 Acq On : 10 Jul 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 06:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192854	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	163637	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.72	98	599348	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	223795	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	191983	52.08	ug/l	98
3) Chloromethane	1.32	50	168890	50.40	ug/l	99
4) Vinyl Chloride	1.40	62	168264	48.92	ug/l	100
5) Bromomethane	1.64	94	55566	54.76	ug/l	98
6) Chloroethane	1.71	64	93686	49.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	252085	49.30	ug/l	99
8) Diethyl Ether	2.19	74	89624	48.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144551	48.28	ug/l	96
10) Methyl Iodide	2.51	142	151486	46.30	ug/l	97
11) Tert butyl alcohol	3.09	59	193507	279.73	ug/l	98
12) 1,1-Dichloroethene	2.37	96	132587	48.66	ug/l	91
13) Acrolein	2.29	56	115078	206.44	ug/l	99
14) Allyl chloride	2.73	41	239107	47.38	ug/l	94
15) Acrylonitrile	3.15	53	405769	262.69	ug/l	99
16) Acetone	2.45	43	380615	280.97	ug/l	96
17) Carbon Disulfide	2.57	76	364628	48.16	ug/l	99
18) Methyl Acetate	2.78	43	219989	57.57	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	453925	49.88	ug/l	99
20) Methylene Chloride	2.85	84	146571	52.84	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	141894	48.86	ug/l	96
22) Diisopropyl ether	3.88	45	472814	46.05	ug/l	98
23) Vinyl Acetate	3.83	43	2042546	234.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	266583	49.89	ug/l	99
25) 2-Butanone	4.72	43	640599	267.25	ug/l	95
26) 2,2-Dichloropropane	4.59	77	107681	23.04	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	172187	48.24	ug/l	93
28) Bromochloromethane	5.03	49	134620	50.00	ug/l	89
29) Tetrahydrofuran	5.17	42	407692	262.05	ug/l	96
30) Chloroform	5.22	83	292931	49.83	ug/l	100
31) Cyclohexane	5.57	56	248546	49.67	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	261564	50.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	214523	48.24	ug/l	99
37) Ethyl Acetate	4.87	43	238061	48.83	ug/l	98
38) Carbon Tetrachloride	5.79	117	236730	48.66	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246634	47.08	ug/l	96
40) Benzene	6.15	78	643730	48.85	ug/l	99
41) Methacrylonitrile	5.07	41	135406	50.73	ug/l	96
42) 1,2-Dichloroethane	6.20	62	236597	48.05	ug/l	97
43) Isopropyl Acetate	6.48	43	383305	50.07	ug/l	97
44) Trichloroethene	7.22	130	189574	48.64	ug/l	99
45) 1,2-Dichloropropane	7.52	63	162460	47.41	ug/l	99
46) Dibromomethane	7.67	93	113804	48.73	ug/l	94
47) Bromodichloromethane	7.90	83	216127	50.16	ug/l	96
48) Methyl methacrylate	7.79	41	203807	51.91	ug/l	93
49) 1,4-Dioxane	7.76	88	87220	1062.39	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1268632	266.17	ug/l	97
52) Toluene	8.79	92	413085	49.58	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	230744	45.51	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	212376	46.02	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	168435	48.74	ug/l	98
56) Ethyl methacrylate	9.19	69	247195	52.22	ug/l	91
57) 1,3-Dichloropropane	9.38	76	271330	48.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	617487	270.42	ug/l	96
59) 2-Hexanone	9.50	43	981507	271.13	ug/l	95
60) Dibromochloromethane	9.59	129	180855	50.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179661	49.60	ug/l	99
64) Tetrachloroethene	9.34	164	226337	51.28	ug/l	98
65) Chlorobenzene	10.14	112	473250	47.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177456	49.58	ug/l	100
67) Ethyl Benzene	10.26	91	796420	49.64	ug/l	100
68) m/p-Xylenes	10.37	106	626128	100.32	ug/l	97
69) o-Xylene	10.70	106	303467	50.19	ug/l	96
70) Styrene	10.71	104	498087	50.80	ug/l	98
71) Bromoform	10.86	173	148349	50.37	ug/l	99
73) Isopropylbenzene	11.02	105	820251	49.80	ug/l	99
74) N-amyl acetate	6.48	43	383305	48.79	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	250456	49.03	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	275368	61.08	ug/l	81
77) Bromobenzene	11.26	156	229849	48.34	ug/l	95
78) n-propylbenzene	11.37	91	917685	50.11	ug/l	98
79) 2-Chlorotoluene	11.43	91	545080	48.86	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	686476	50.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56388	40.88	ug/l	95
82) 4-Chlorotoluene	11.51	91	639826	49.12	ug/l	98
83) tert-Butylbenzene	11.77	119	665928	48.61	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	709176	50.50	ug/l	98
85) sec-Butylbenzene	11.95	105	808991	49.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	734274	49.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	417843	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	420162	47.58	ug/l	99
89) n-Butylbenzene	12.39	91	597226	48.46	ug/l	98
90) Hexachloroethane	12.60	117	112211	49.82	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	420600	48.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57711	52.65	ug/l	92

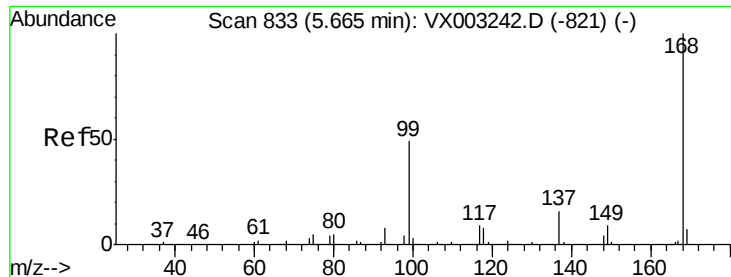
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
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Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	305785	47.97	ug/l	98
94) Hexachlorobutadiene	13.79	225	148243	46.71	ug/l	99
95) Naphthalene	13.84	128	882433	52.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	323956	50.95	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. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

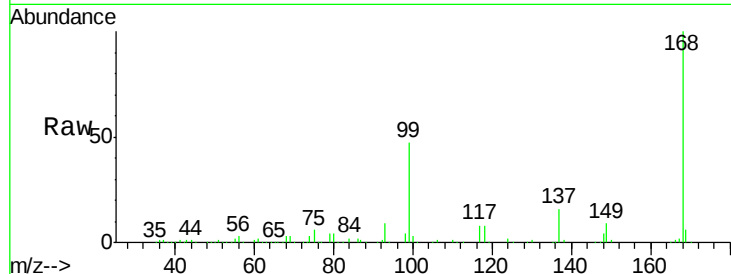
VSTDCCC050EC

Tot Ion:168 Resp: 242453

Ion Ratio Lower Upper

168 100

99 46.8 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

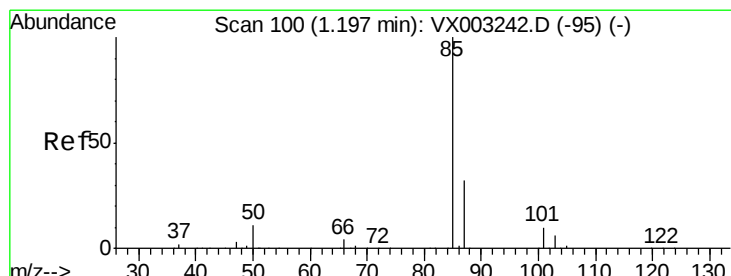
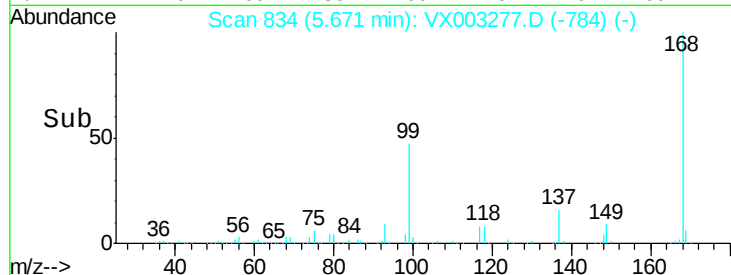
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.08 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003277.D

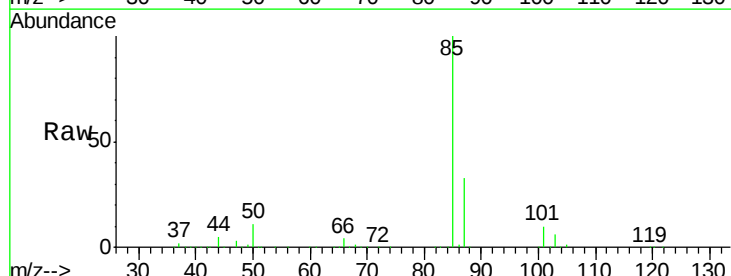
Acq: 10 Jul 2018 06:17

Tgt Ion: 85 Resp: 191983

Ion Ratio Lower Upper

85 100

87 33.3 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

200000

150000

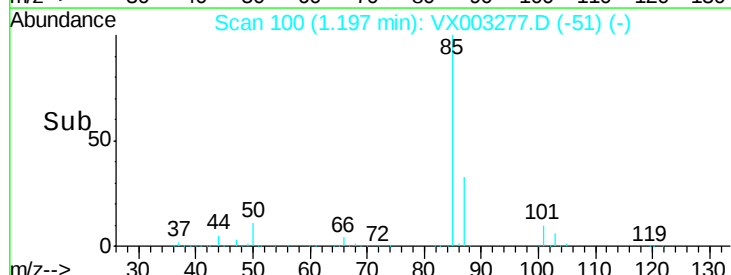
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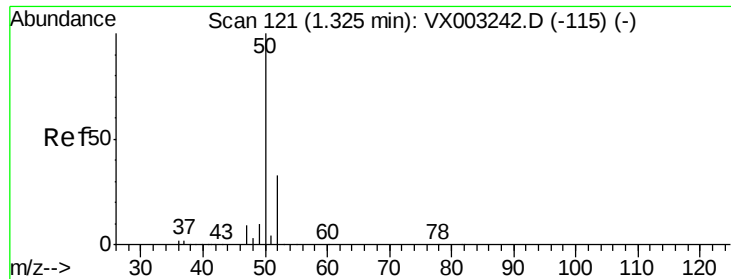
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 50.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

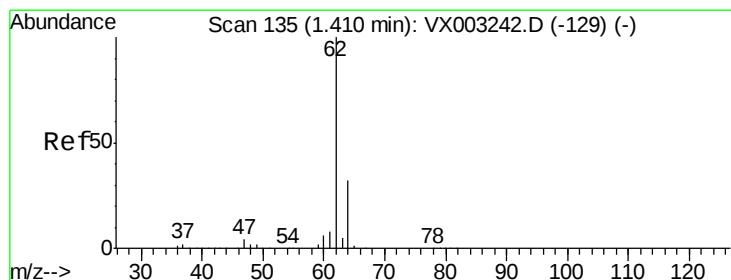
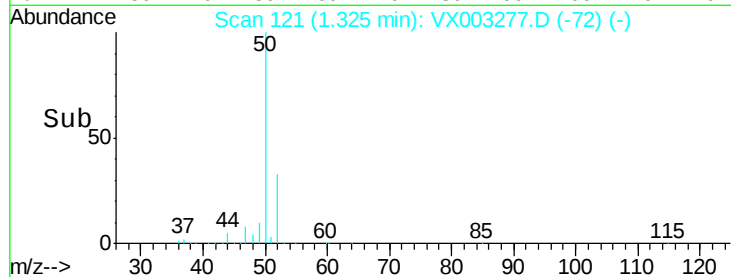
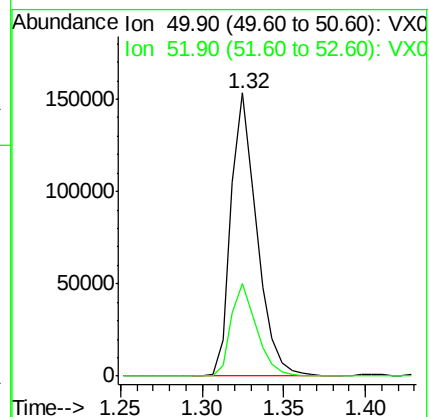
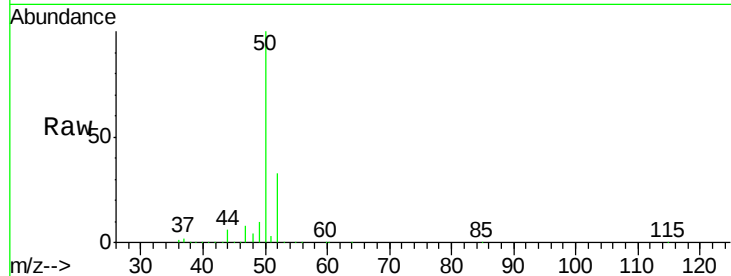
VSTDCCC050EC

Tot Ion: 50 Resp: 168890

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 48.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003277.D

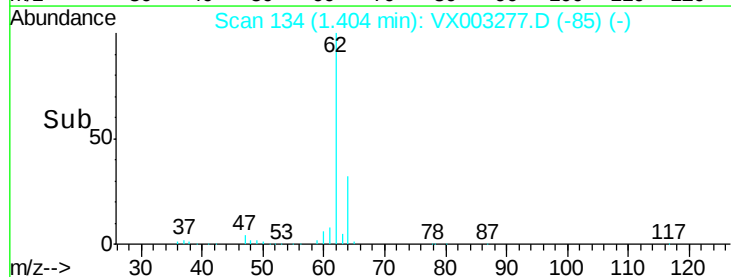
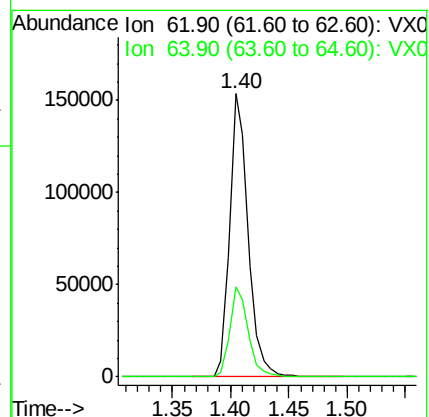
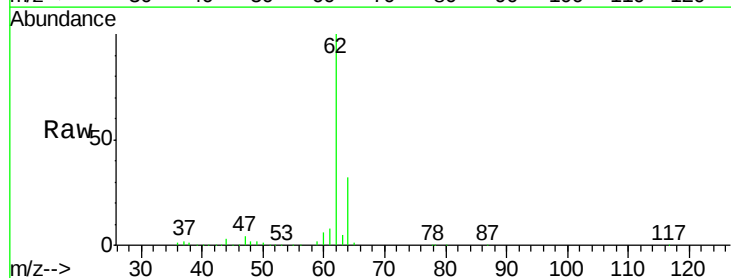
Acq: 10 Jul 2018 06:17

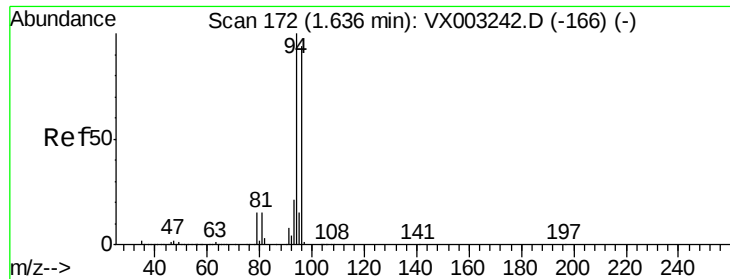
Tgt Ion: 62 Resp: 168264

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 54.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

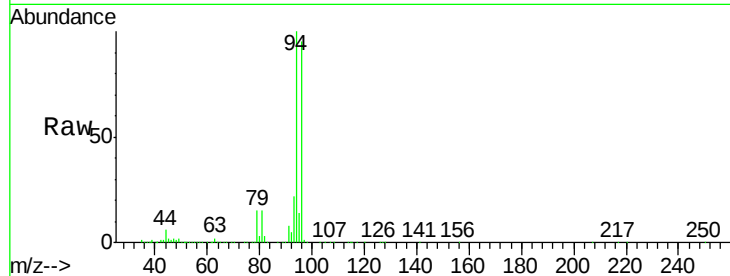
VSTDCCC050EC

Tot Ion: 94 Resp: 55566

Ion Ratio Lower Upper

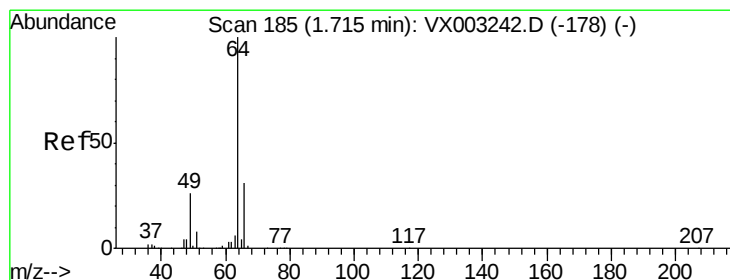
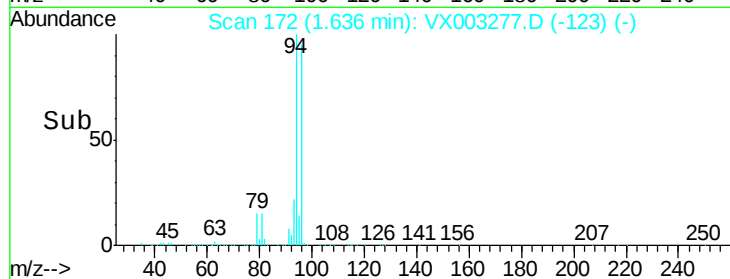
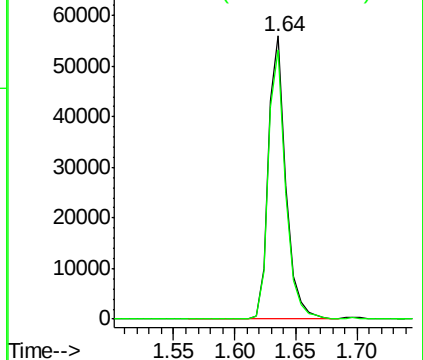
94 100

96 95.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.16 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003277.D

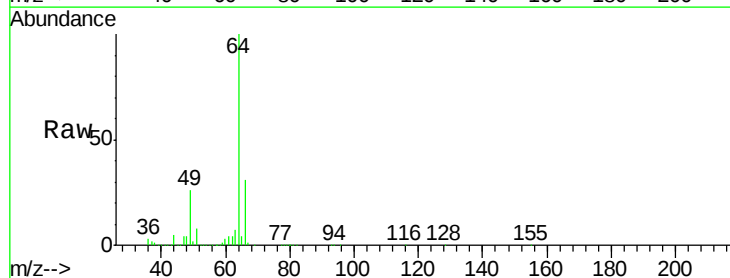
Acq: 10 Jul 2018 06:17

Tgt Ion: 64 Resp: 93686

Ion Ratio Lower Upper

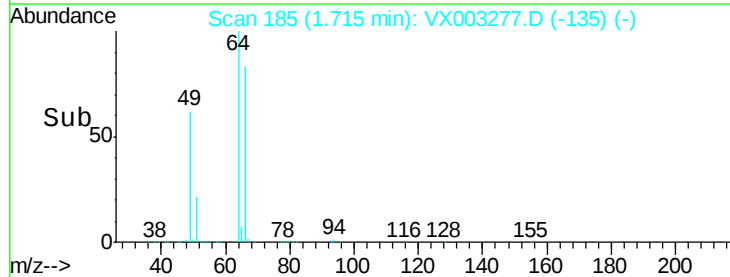
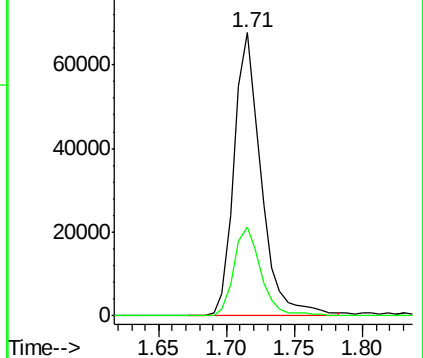
64 100

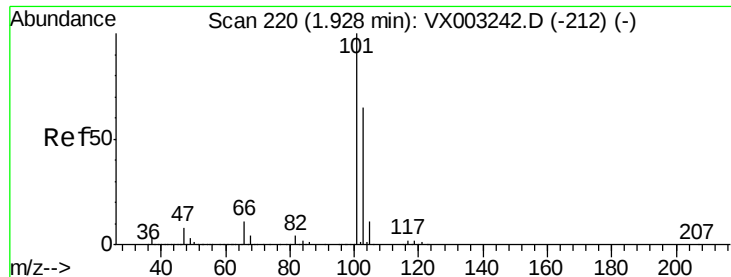
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



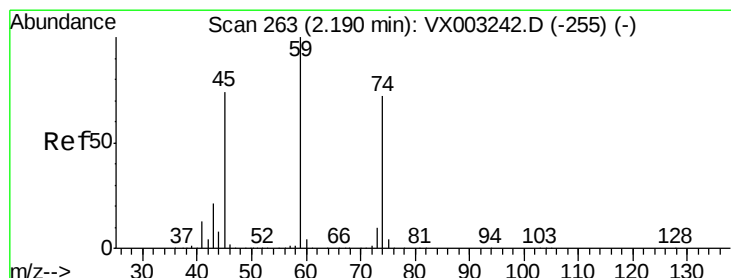
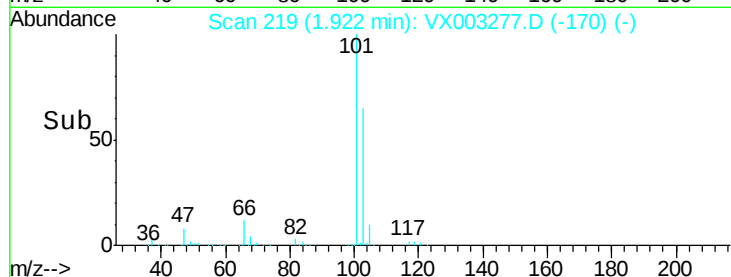
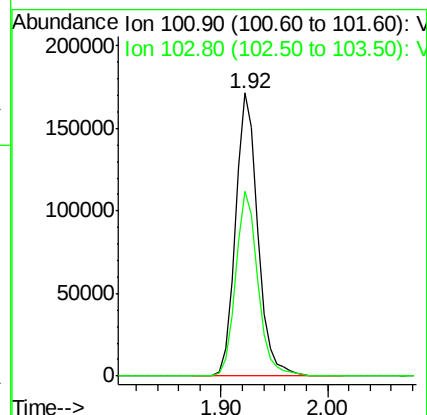
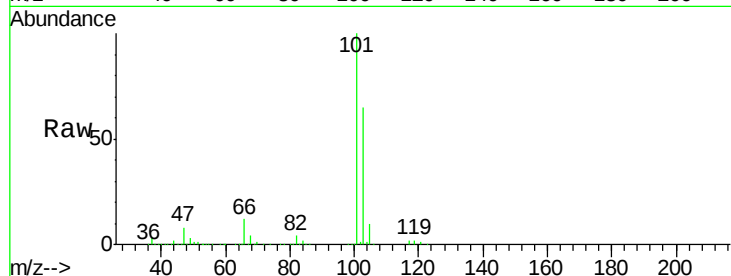


#7

Trichlorofluoromethane
 Concen: 49.30 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

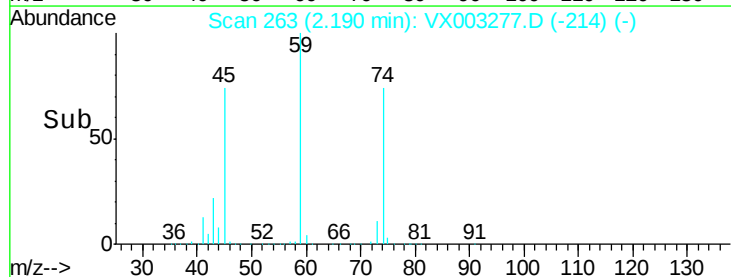
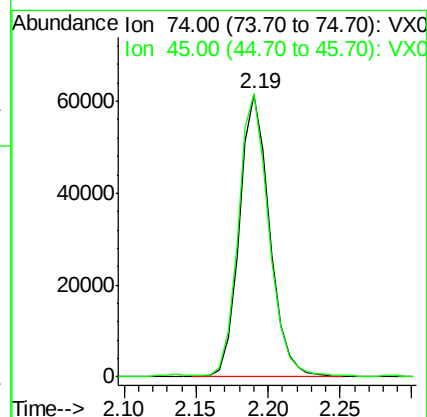
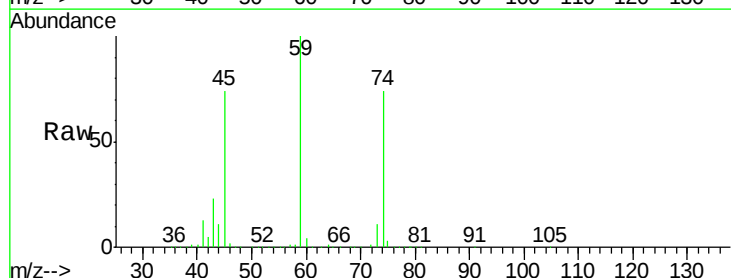
Tot Ion:101 Resp: 252085
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

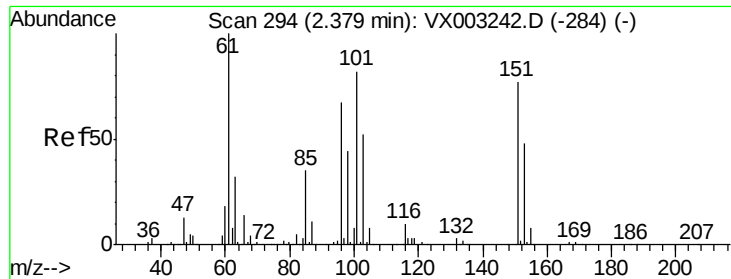


#8

Diethyl Ether
 Concen: 48.49 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 74 Resp: 89624
 Ion Ratio Lower Upper
 74 100
 45 100.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

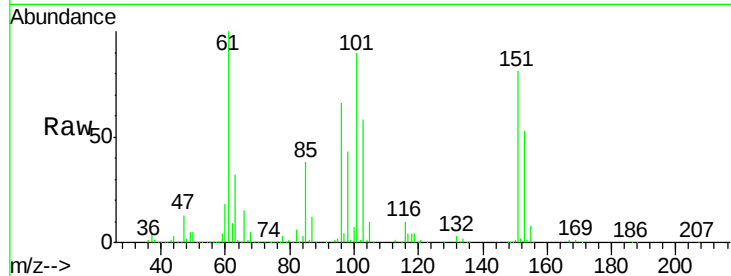
Tot Ion:101 Resp: 144551

Ion Ratio Lower Upper

101 100

85 42.9 36.0 54.0

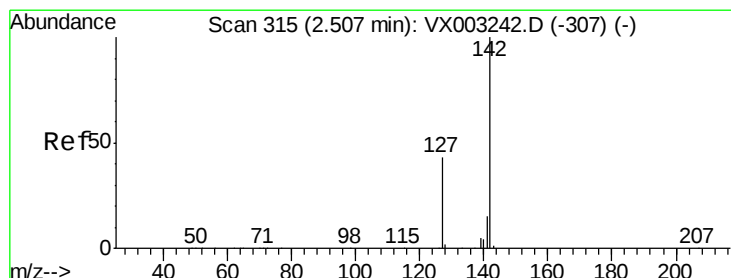
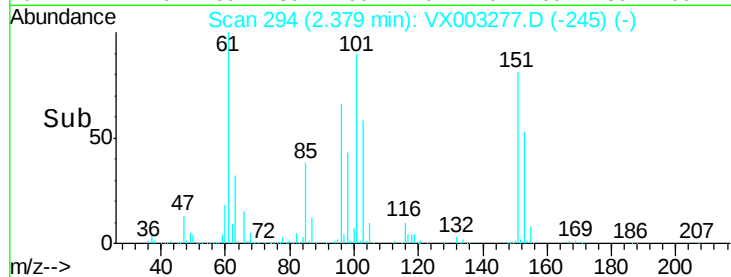
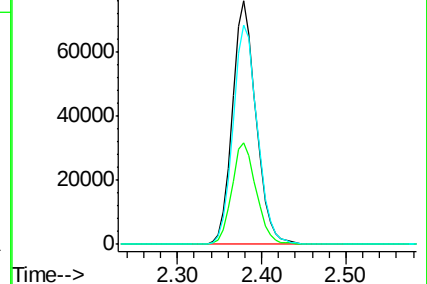
151 92.6 70.9 106.3



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: 46.30 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

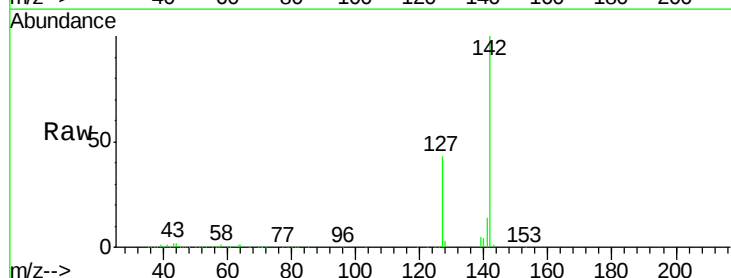
Tgt Ion:142 Resp: 151486

Ion Ratio Lower Upper

142 100

127 43.6 36.6 55.0

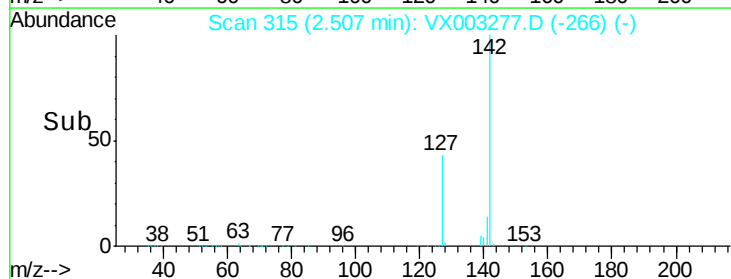
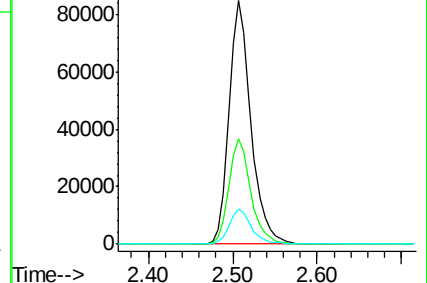
141 14.6 11.3 16.9

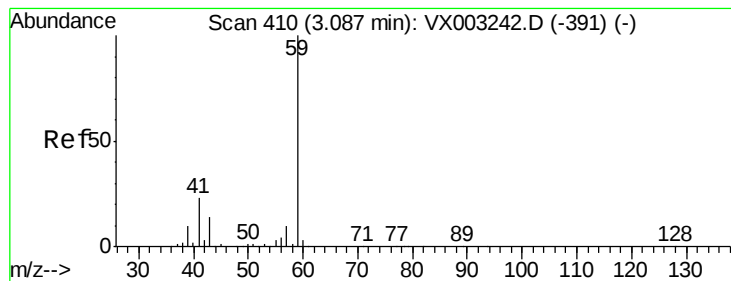


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



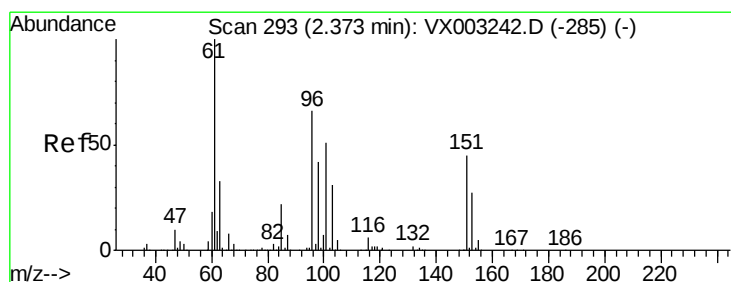
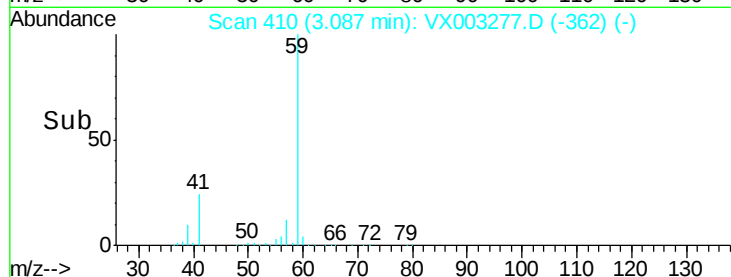
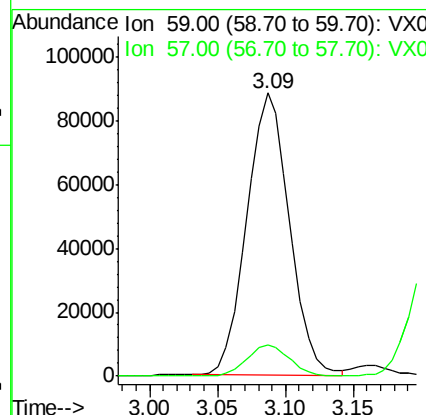
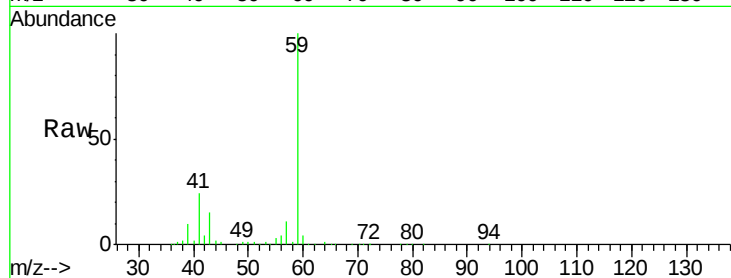


#11

Tert butyl alcohol
 Concen: 279.73 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

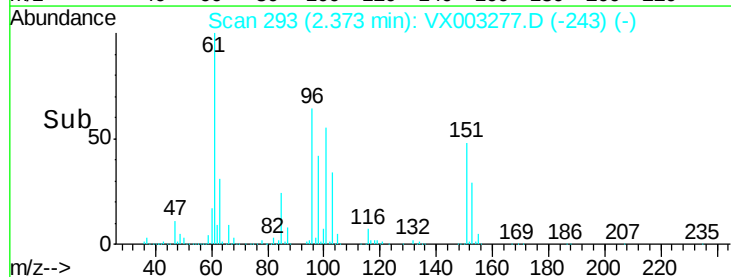
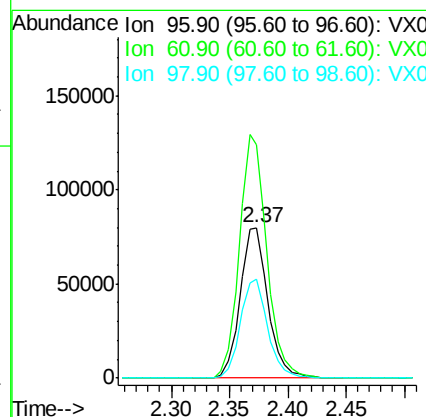
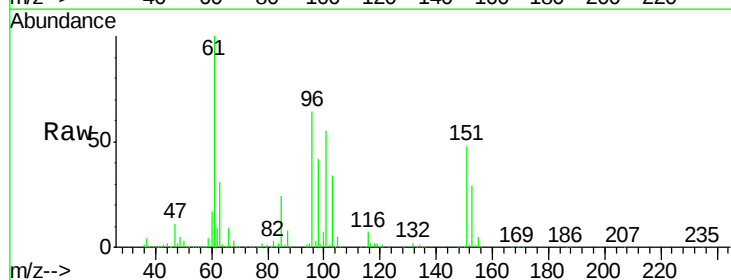
Tot Ion: 59 Resp: 193507
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

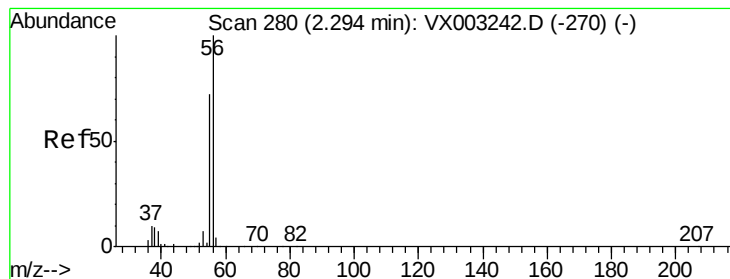


#12

1,1-Dichloroethene
 Concen: 48.66 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 96 Resp: 132587
 Ion Ratio Lower Upper
 96 100
 61 155.4 137.9 206.9
 98 65.6 51.6 77.4





#13

Acrolein

Concen: 206.44 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

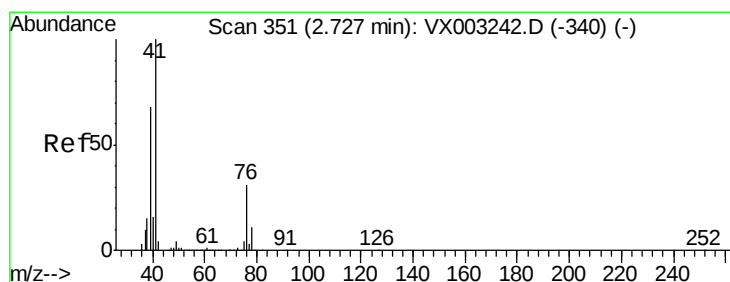
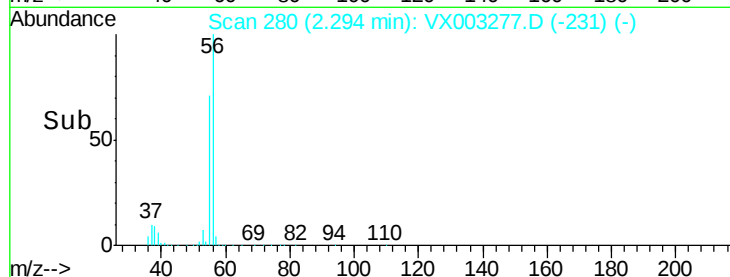
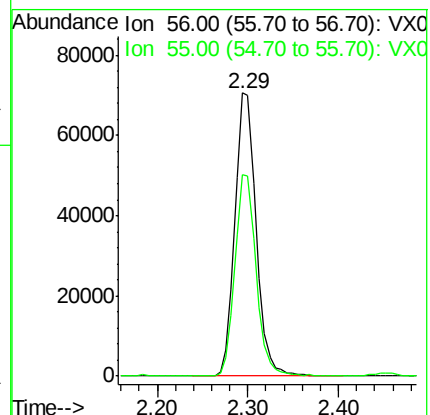
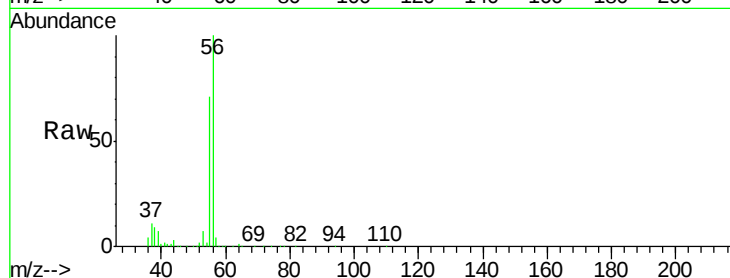
VSTDCCC050EC

Tot Ion: 56 Resp: 115078

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 47.38 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

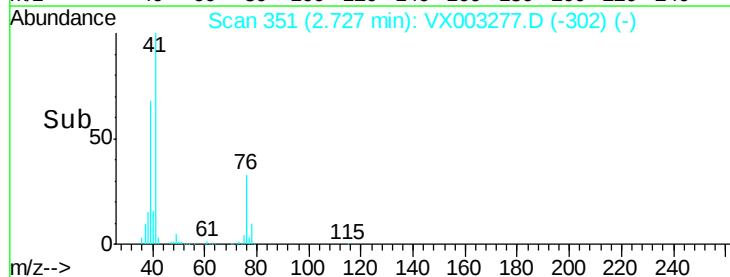
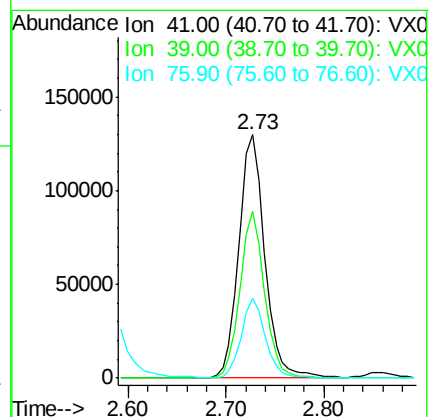
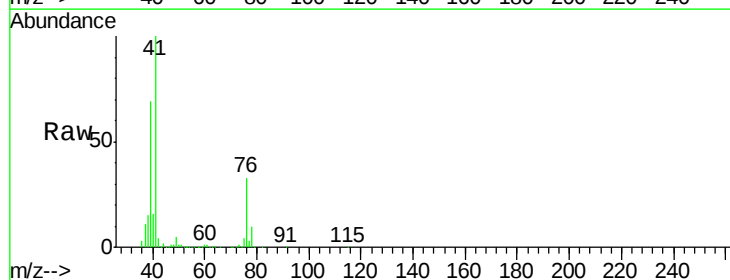
Tgt Ion: 41 Resp: 239107

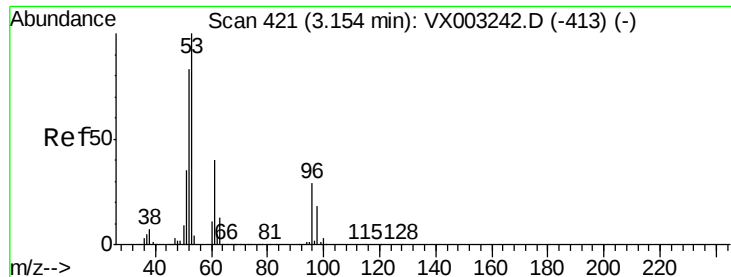
Ion Ratio Lower Upper

41 100

39 64.9 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 262.69 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

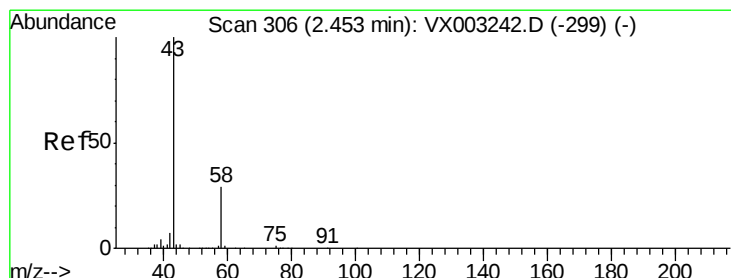
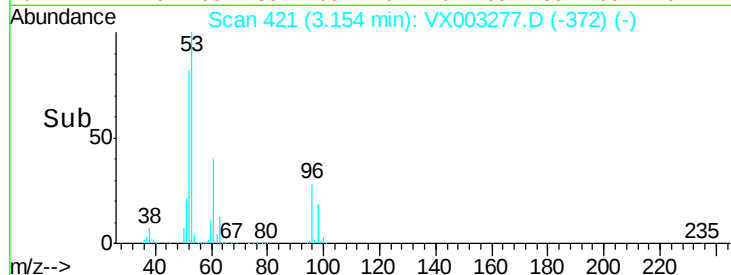
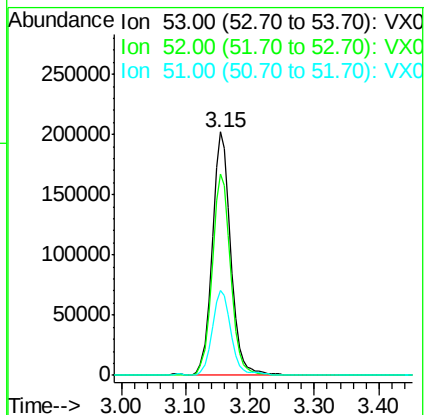
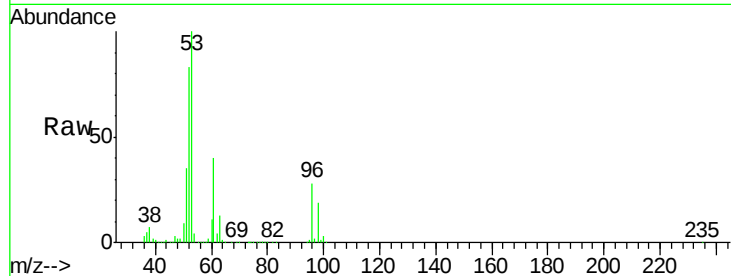
Tot Ion: 53 Resp: 405769

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 35.8 29.9 44.9



#16

Acetone

Concen: 280.97 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003277.D

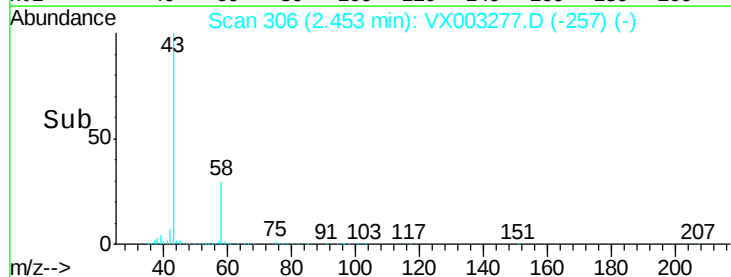
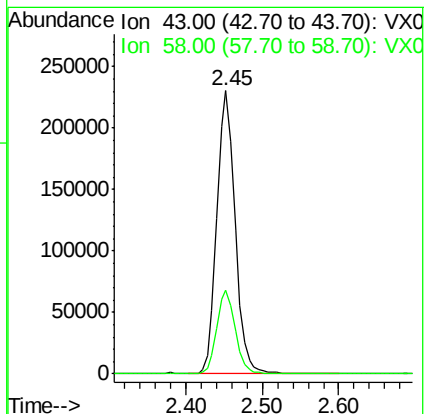
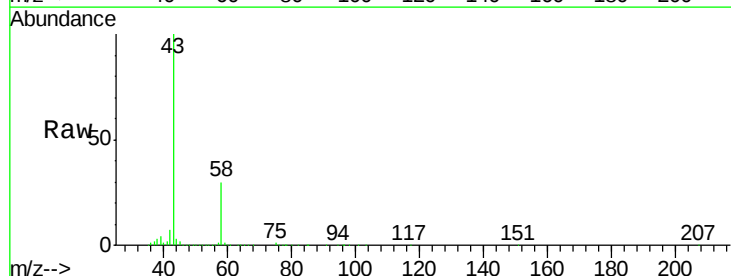
Acq: 10 Jul 2018 06:17

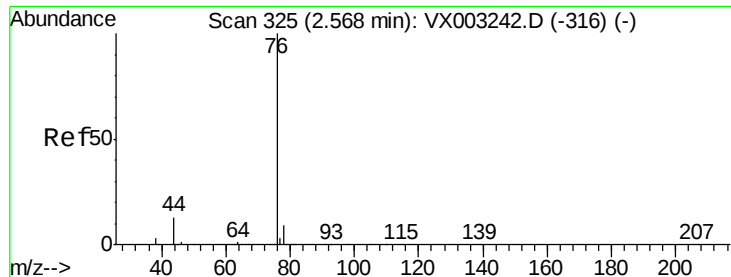
Tgt Ion: 43 Resp: 380615

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1

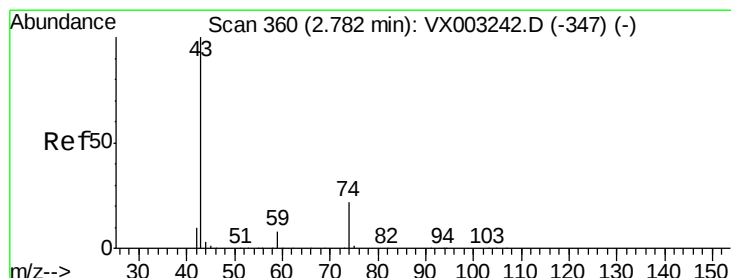
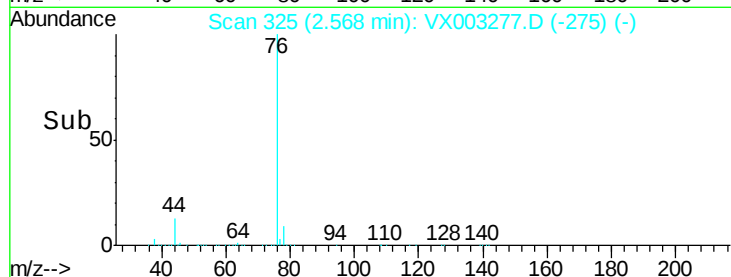
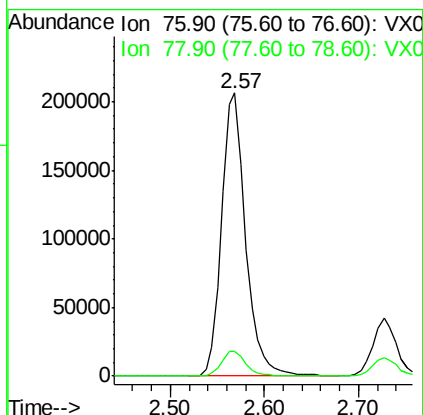
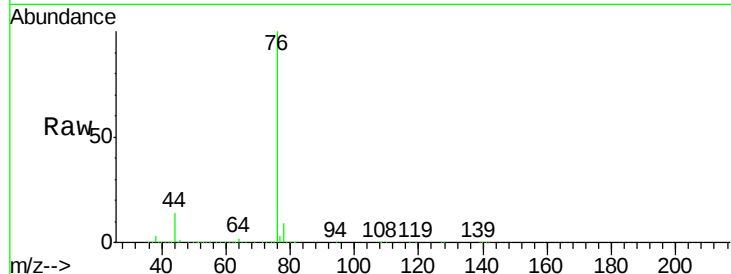




#17
Carbon Disulfide
Concen: 48.16 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

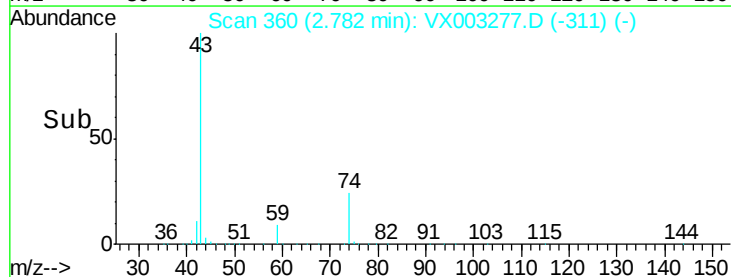
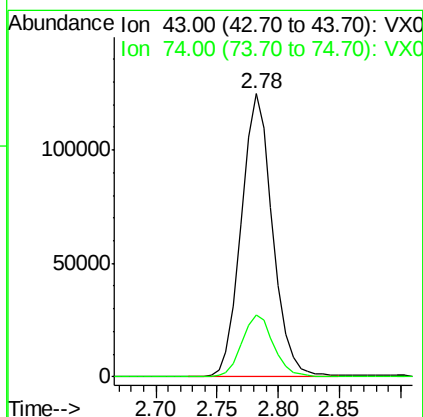
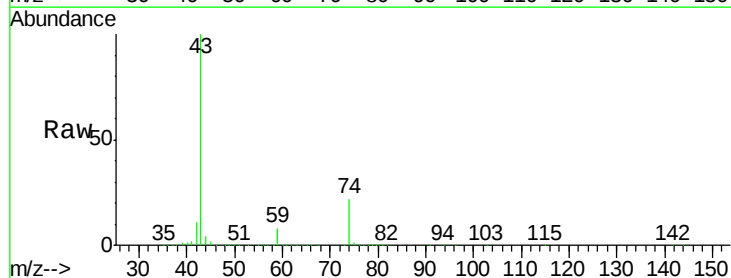
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

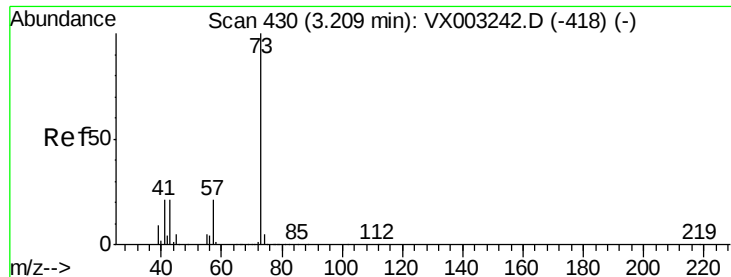
Tot Ion: 76 Resp: 364628
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 57.57 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 43 Resp: 219989
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1

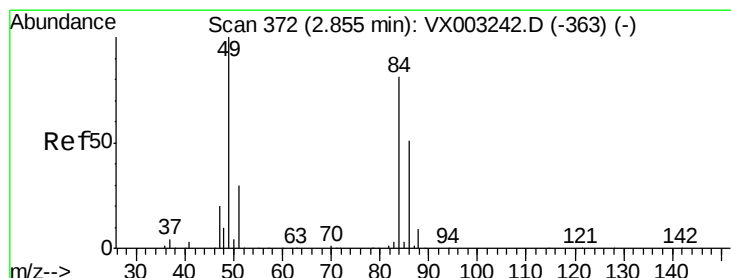
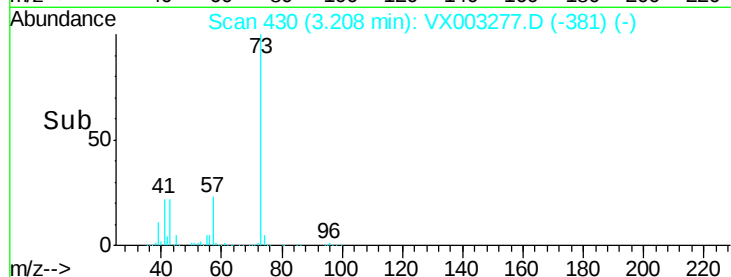
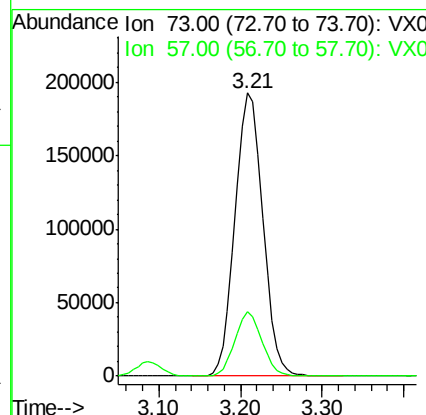
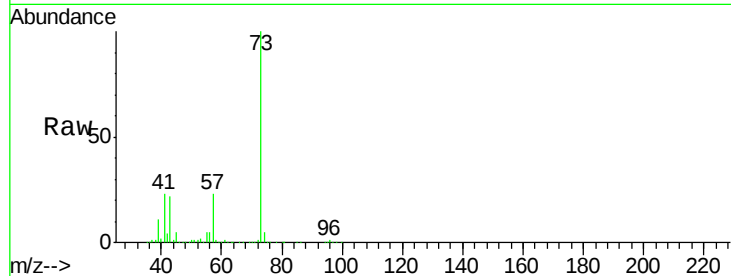




#19
Methyl tert-butyl Ether
Concen: 49.88 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

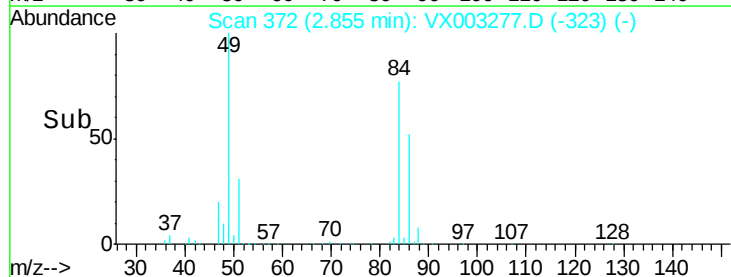
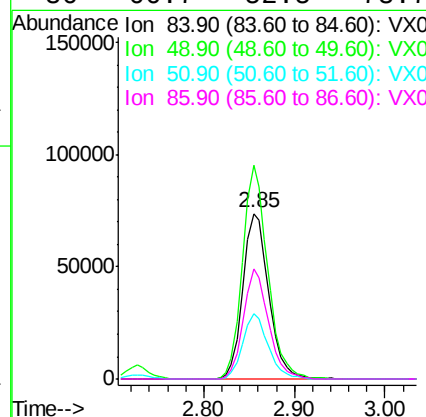
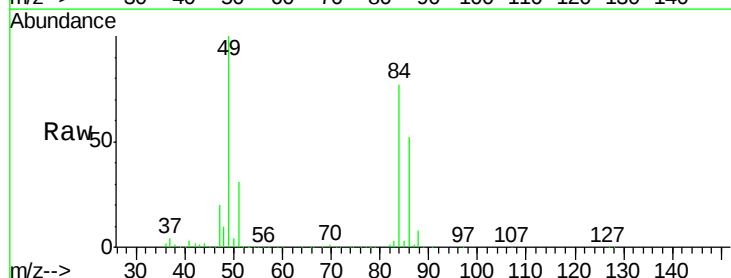
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

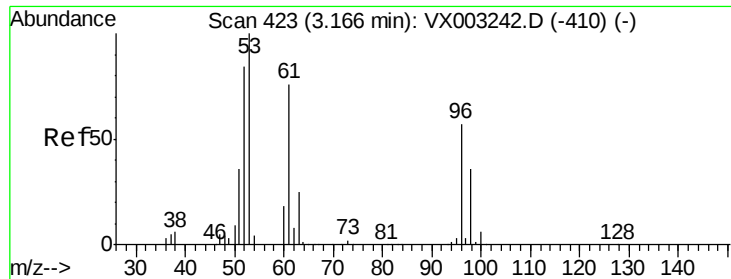
Tot Ion: 73 Resp: 453925
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 52.84 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 84 Resp: 146571
Ion Ratio Lower Upper
84 100
49 129.2 107.8 161.6
51 39.7 32.8 49.2
86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.86 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

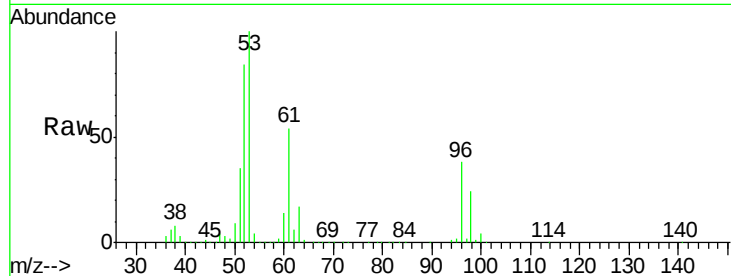
Tot Ion: 96 Resp: 141894

Ion Ratio Lower Upper

96 100

61 140.7 117.0 175.4

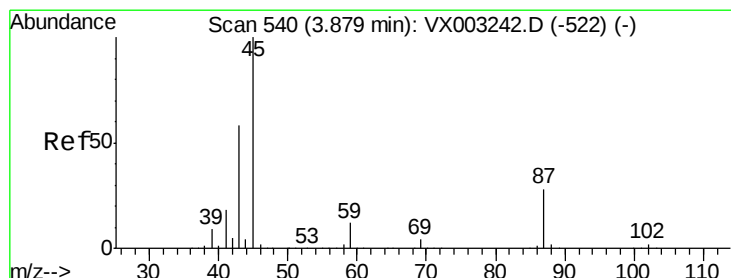
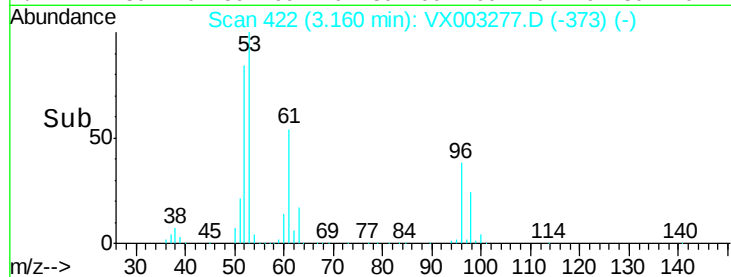
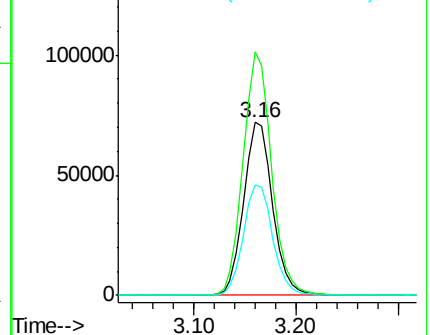
98 63.8 52.4 78.6



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: 46.05 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Tgt Ion: 45 Resp: 472814

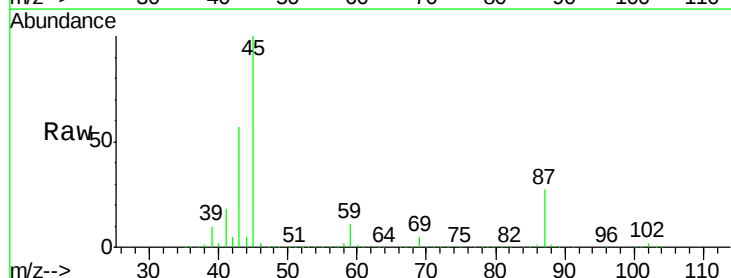
Ion Ratio Lower Upper

45 100

43 57.0 46.8 70.2

87 26.6 20.2 30.4

59 11.0 8.7 13.1

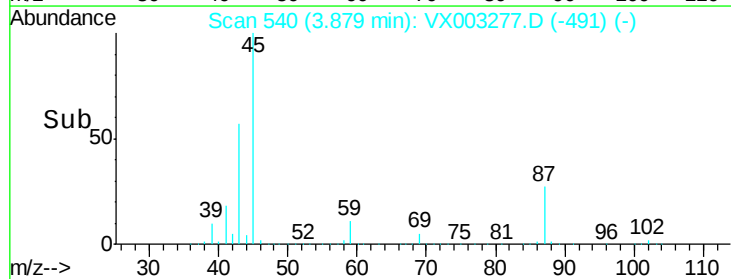
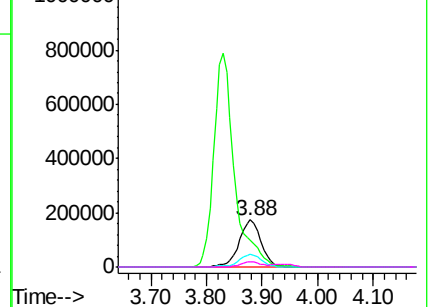


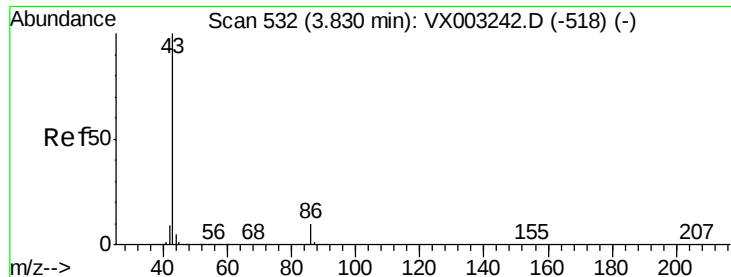
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 234.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

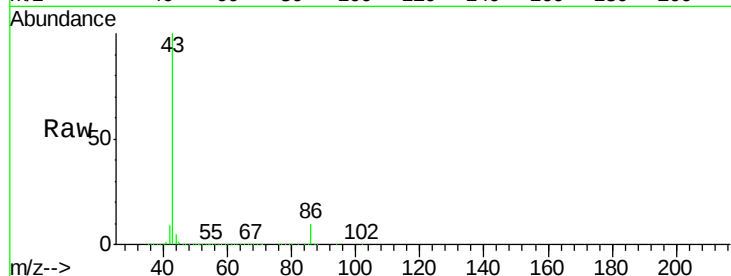
VSTDCCC050EC

Tot Ion: 43 Resp: 2042546

Ion Ratio Lower Upper

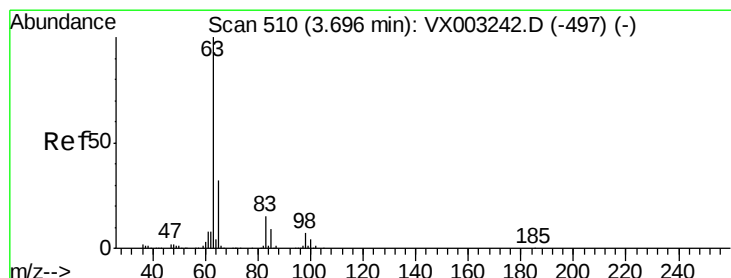
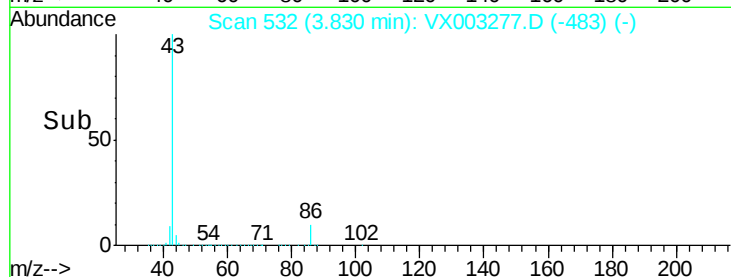
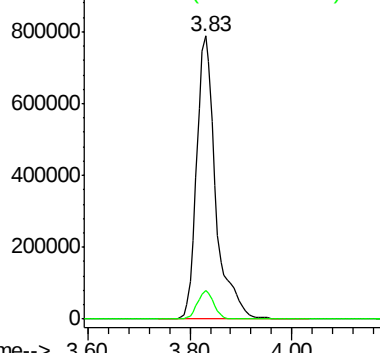
43 100

86 10.0 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: 49.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

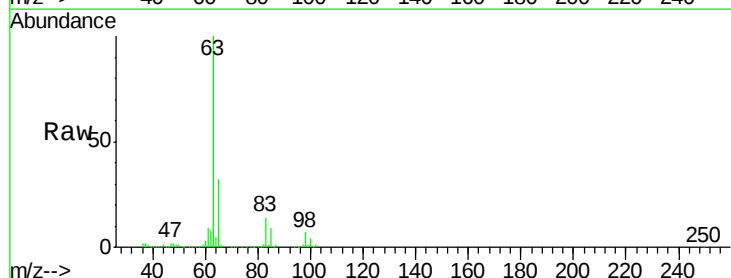
Tgt Ion: 63 Resp: 266583

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

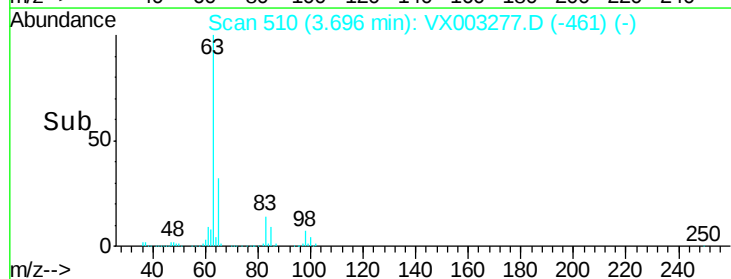
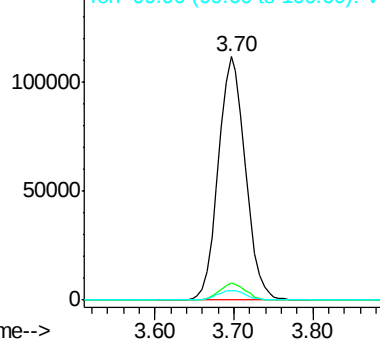
100 4.1 2.0 6.0

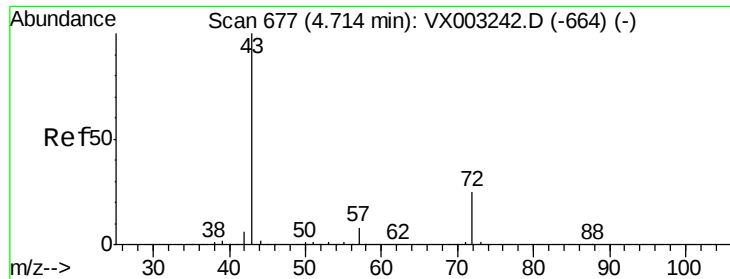


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.25 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

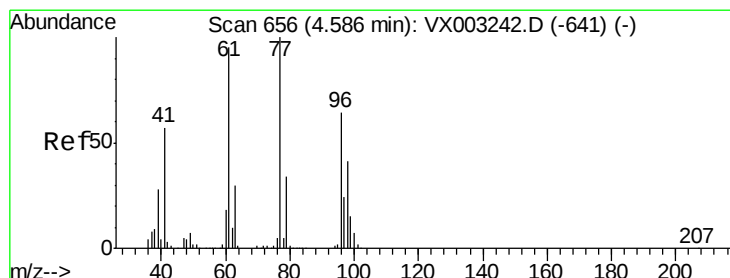
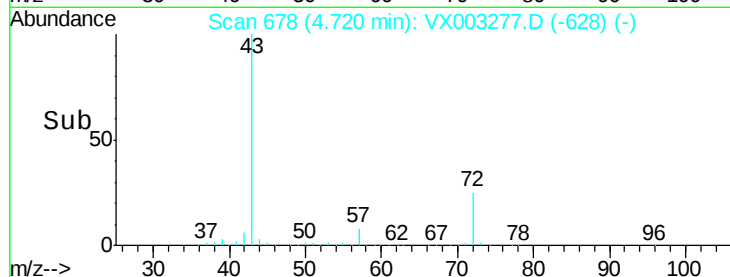
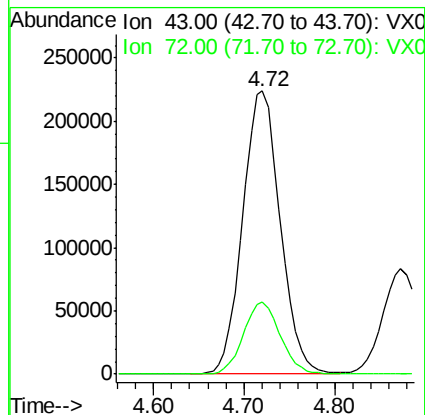
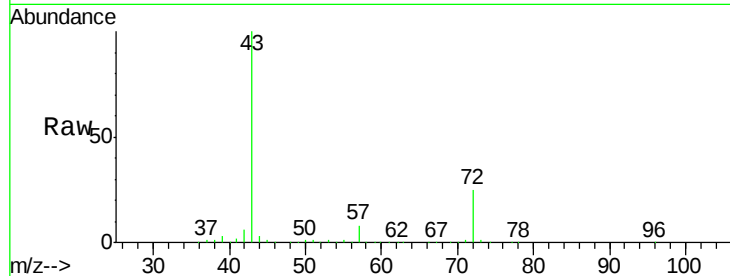
VSTDCCC050EC

Tot Ion: 43 Resp: 640599

Ion Ratio Lower Upper

43 100

72 25.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 23.04 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003277.D

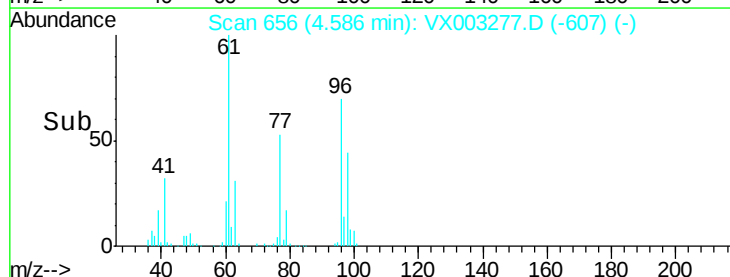
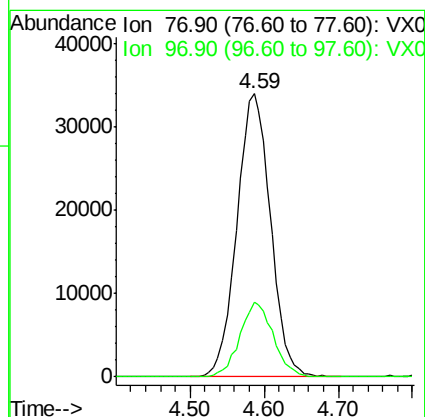
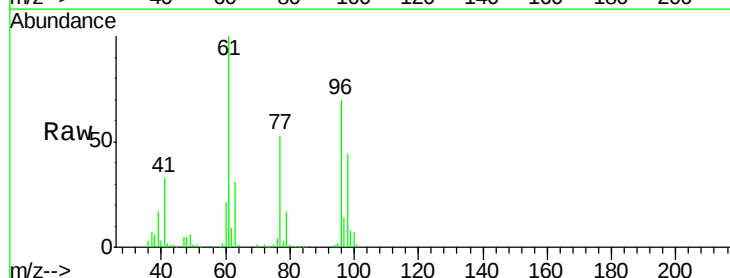
Acq: 10 Jul 2018 06:17

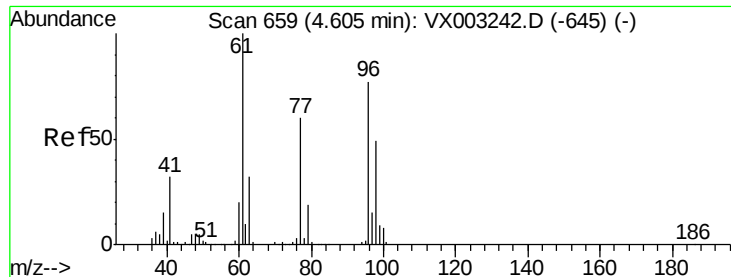
Tgt Ion: 77 Resp: 107681

Ion Ratio Lower Upper

77 100

97 26.2 11.2 33.5



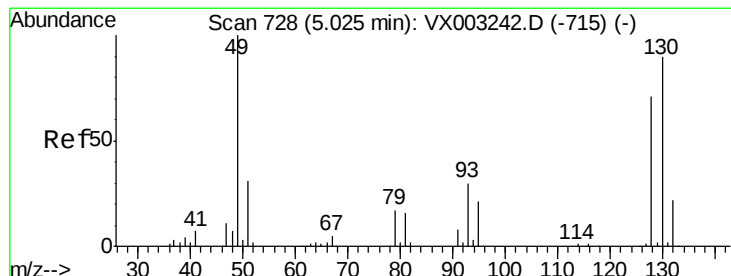
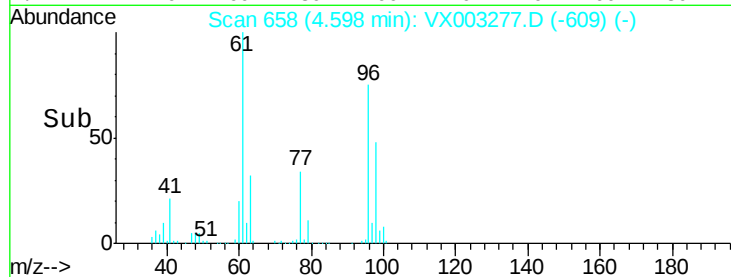
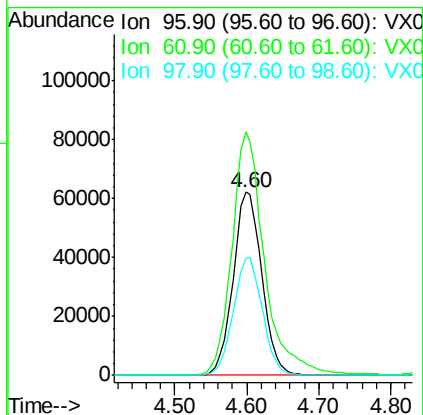
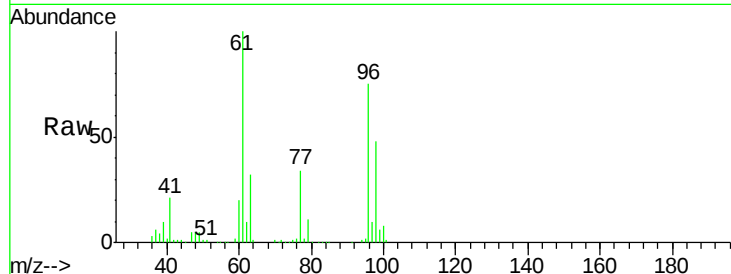


#27

cis-1,2-Dichloroethene
Concen: 48.24 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

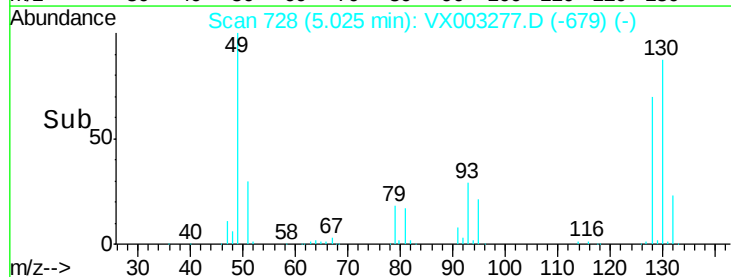
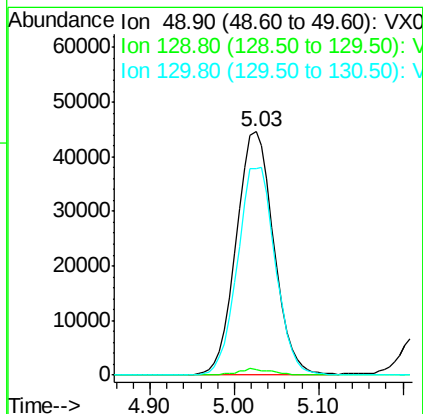
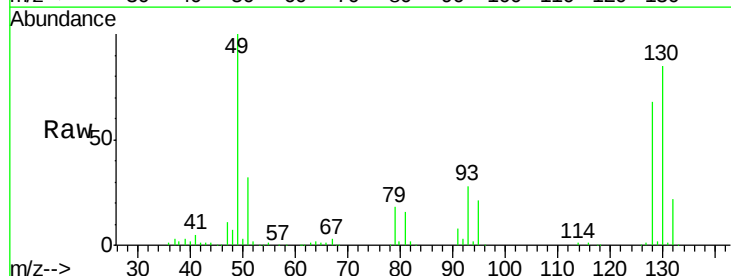
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	330.2
98	64.8	0.0	130.2

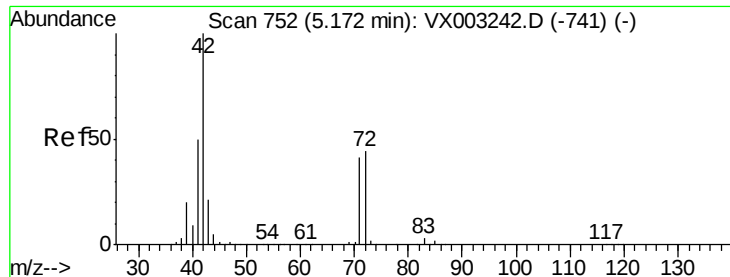


#28

Bromochloromethane
Concen: 50.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	86.1	61.2	91.8





#29

Tetrahydrofuran

Concen: 262.05 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

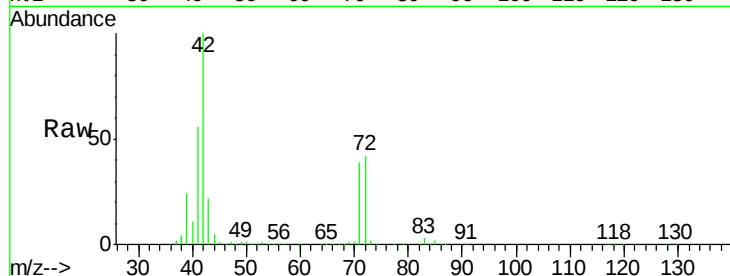
Tot Ion: 42 Resp: 407692

Ion Ratio Lower Upper

42 100

72 42.9 32.0 48.0

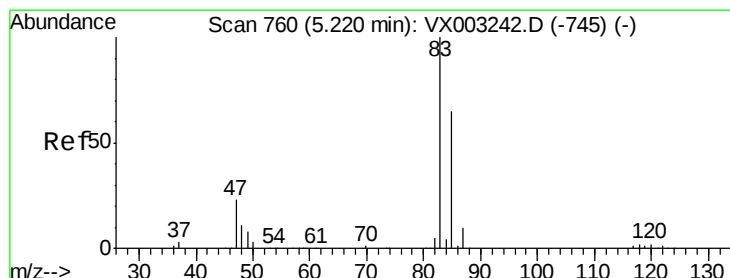
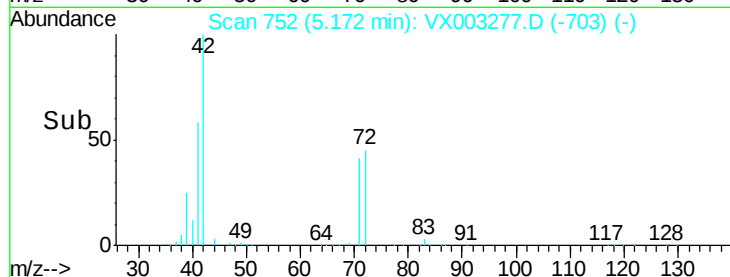
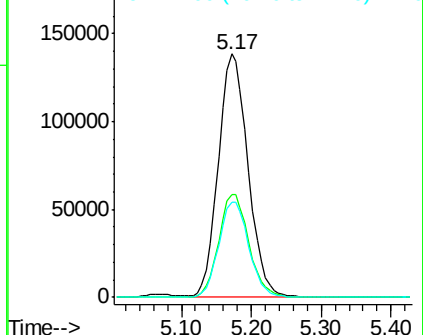
71 39.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.83 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003277.D

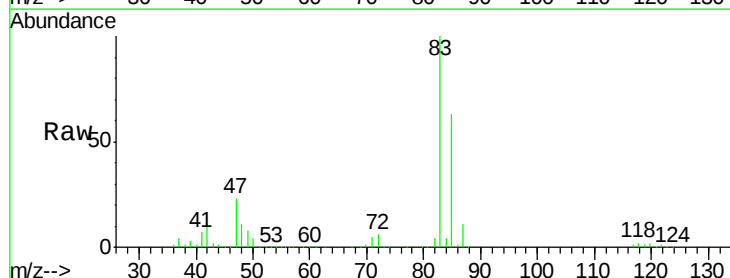
Acq: 10 Jul 2018 06:17

Tgt Ion: 83 Resp: 292931

Ion Ratio Lower Upper

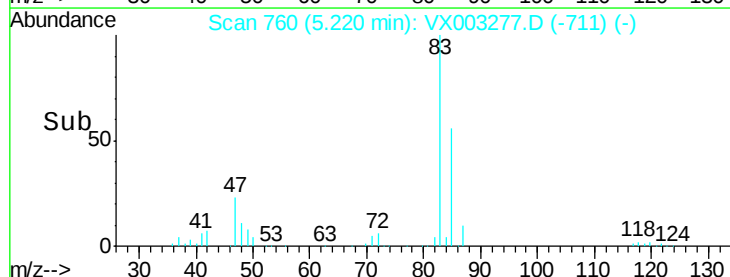
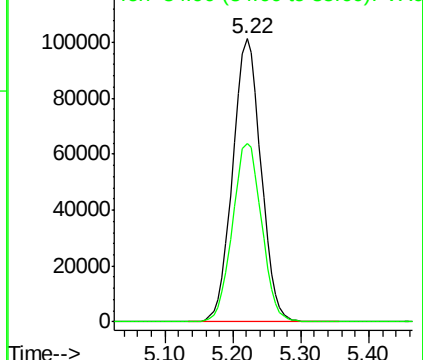
83 100

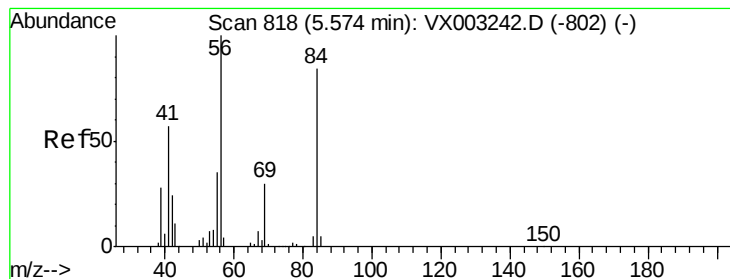
85 63.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

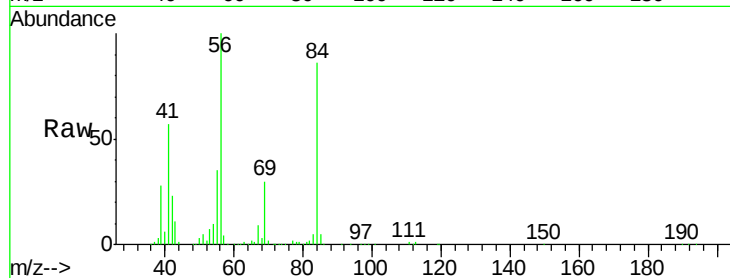
Tot Ion: 56 Resp: 248546

Ion Ratio Lower Upper

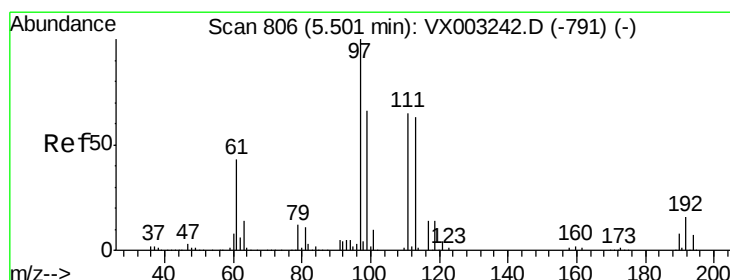
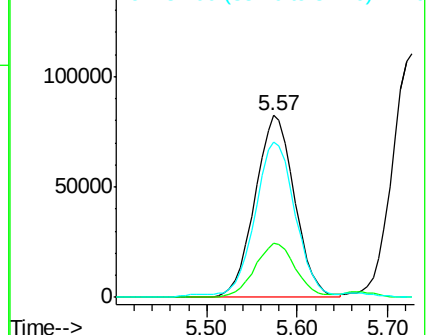
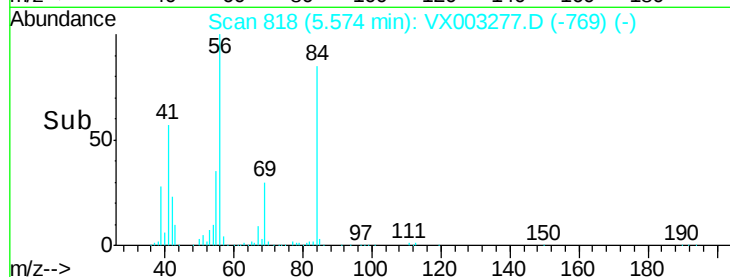
56 100

69 30.1 23.7 35.5

84 84.1 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: 50.44 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

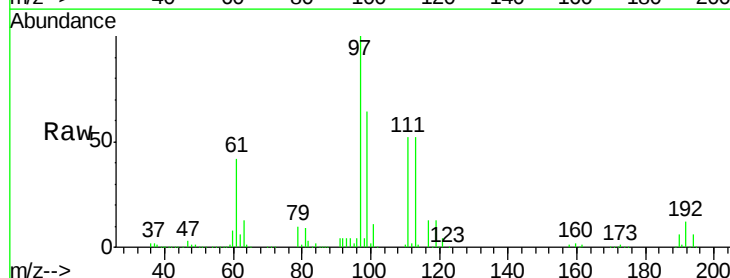
Tgt Ion: 97 Resp: 261564

Ion Ratio Lower Upper

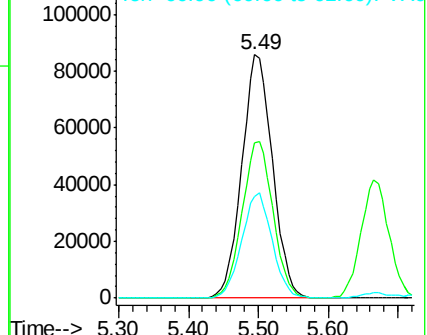
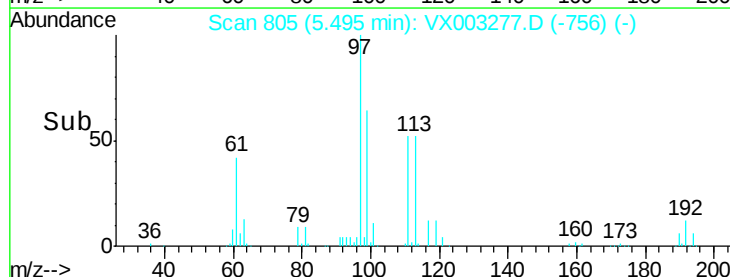
97 100

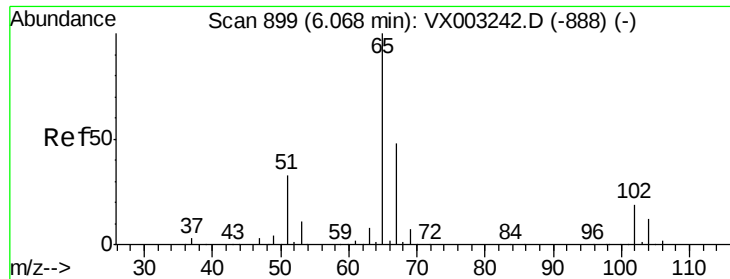
99 64.7 51.6 77.4

61 42.8 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

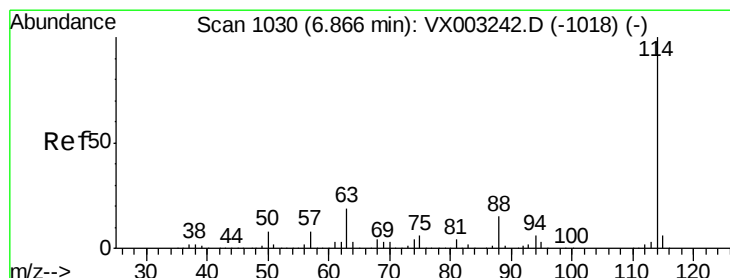
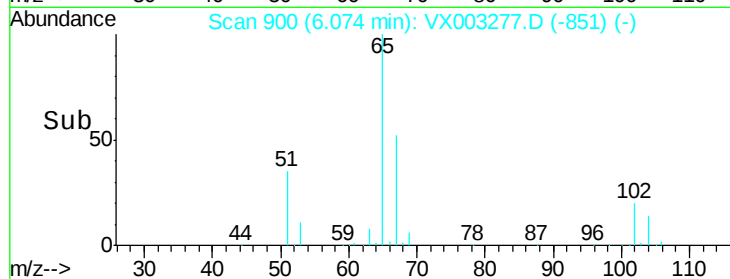
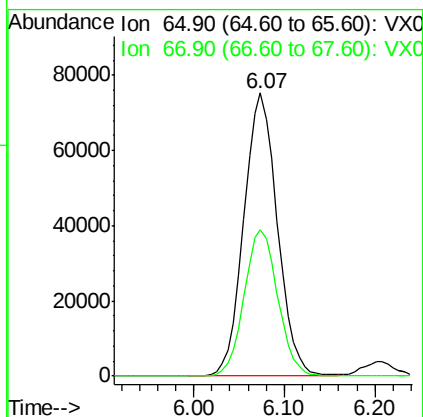
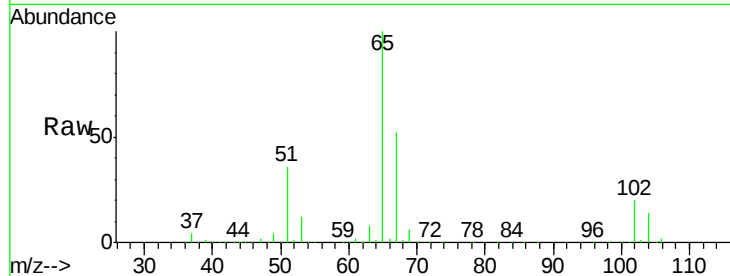




#33
 1,2-Dichloroethane-d4
 Concen: 50.54 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

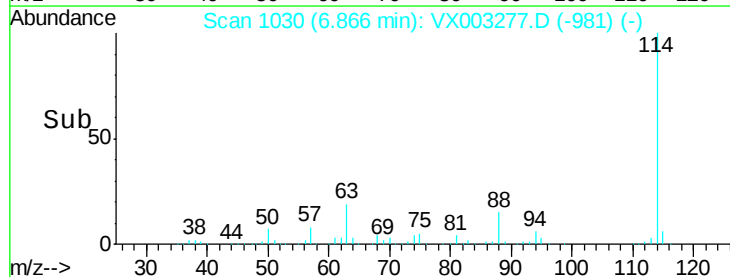
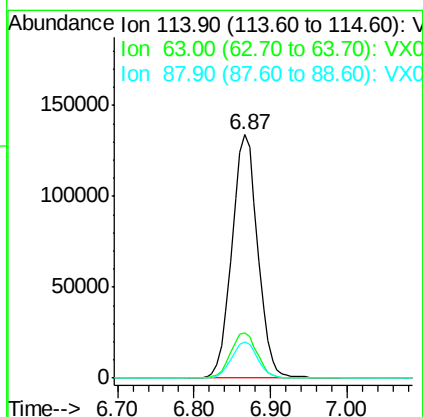
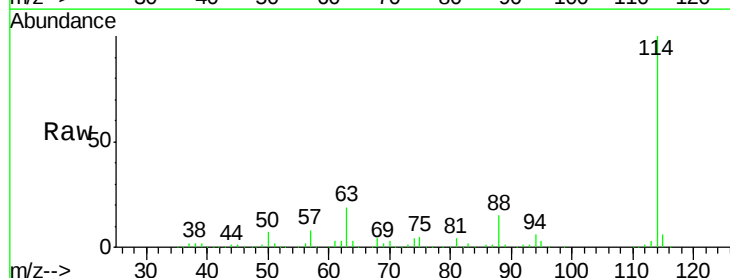
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

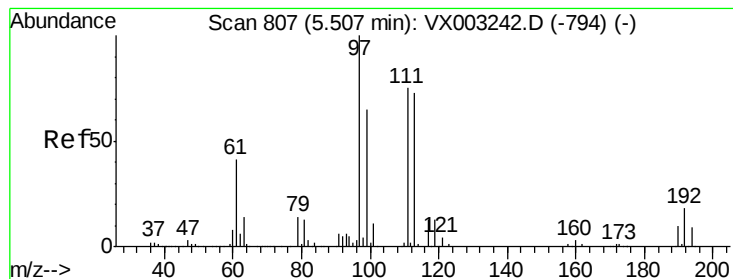
Tot Ion: 65 Resp: 192854
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 114 Resp: 314148
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

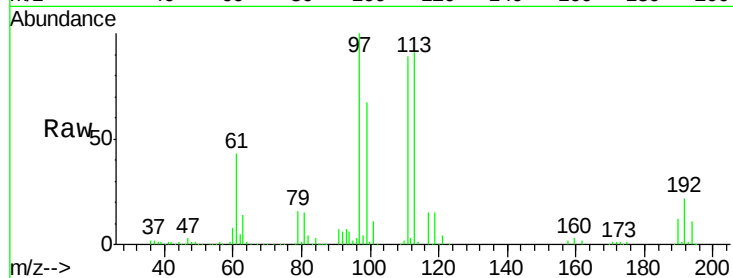
Tot Ion:113 Resp: 163637

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

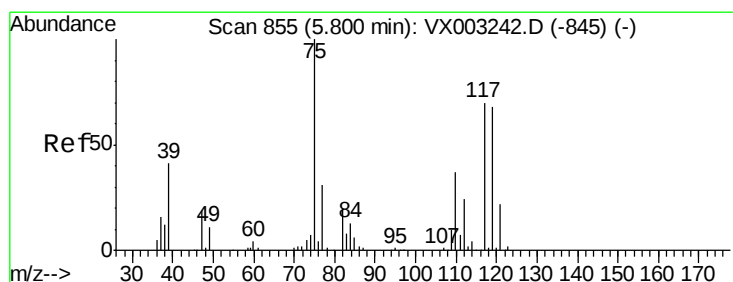
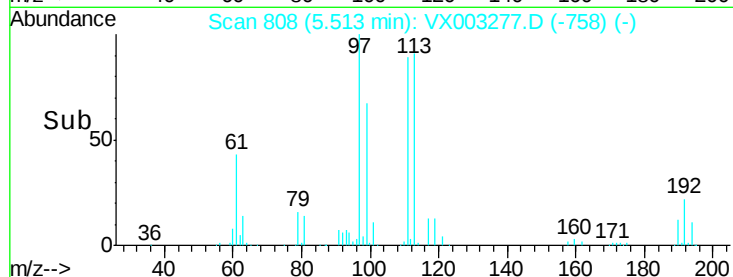
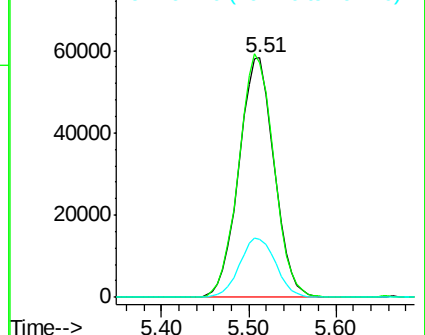
192 25.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.24 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

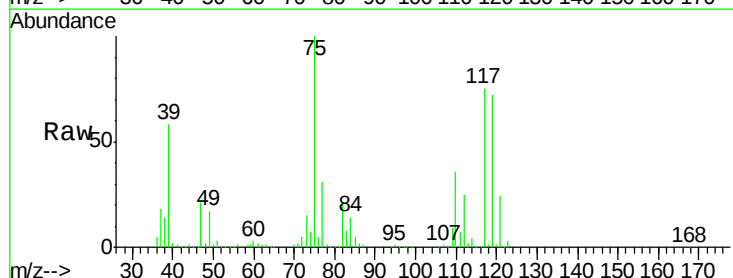
Tgt Ion: 75 Resp: 214523

Ion Ratio Lower Upper

75 100

110 37.6 18.1 54.4

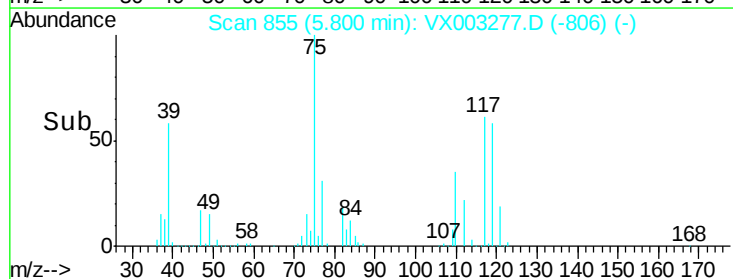
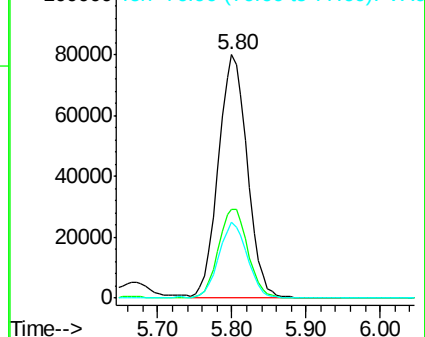
77 30.4 24.3 36.5

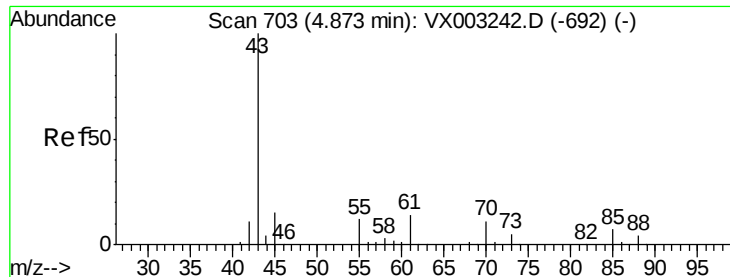


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

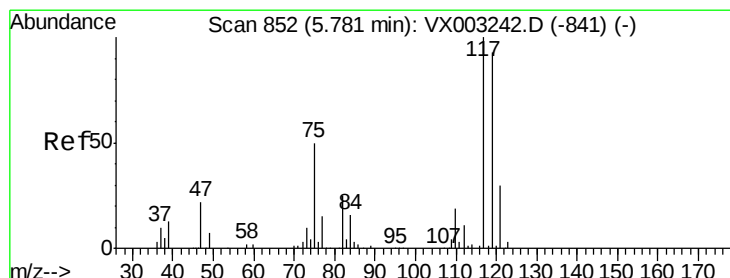
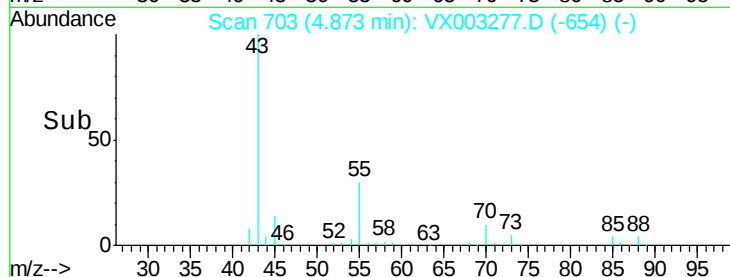
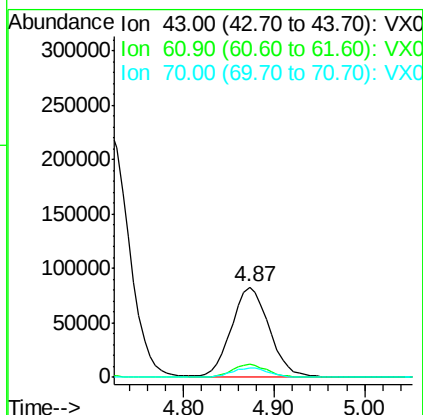
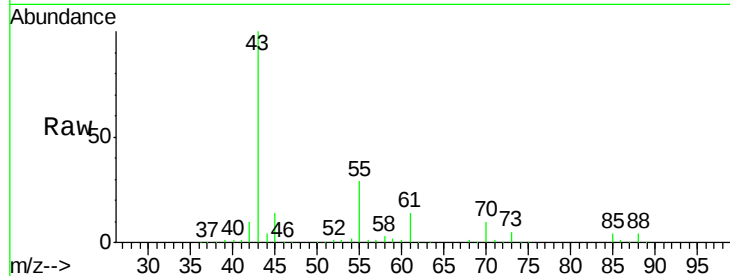




#37
Ethyl Acetate
Concen: 48.83 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

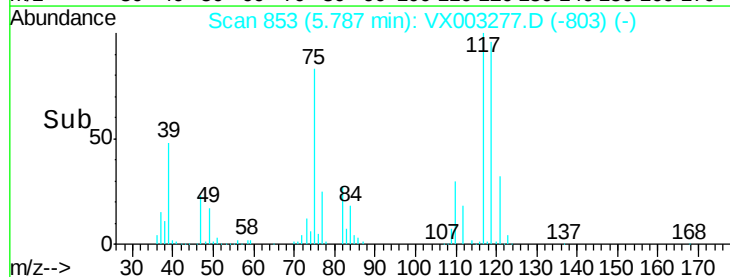
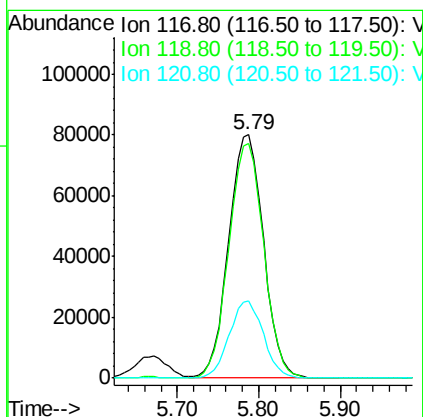
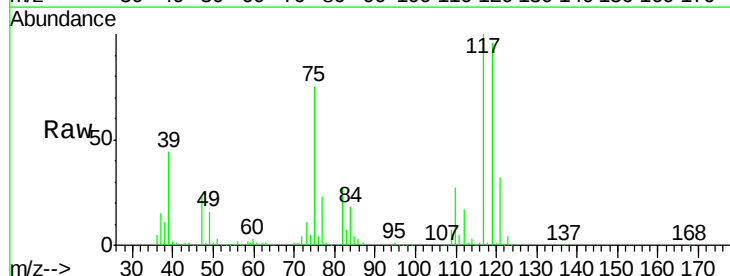
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 238061
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 117 Resp: 236730
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
121 31.9 24.4 36.6

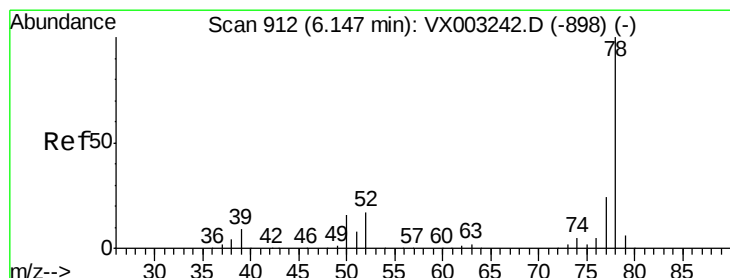
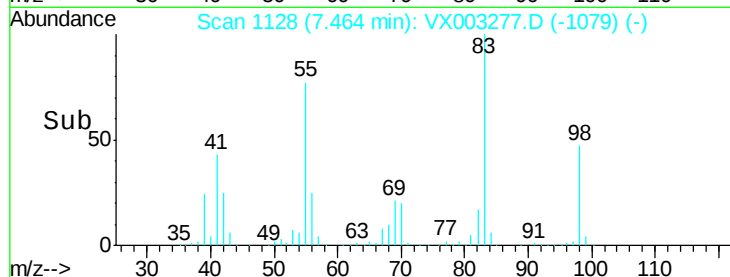
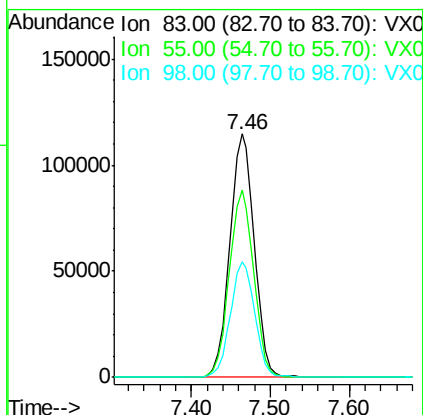
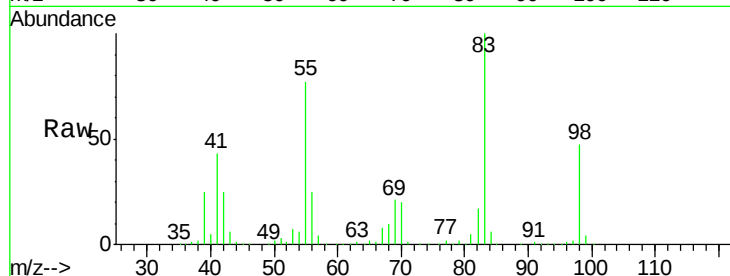




#39
Methylvlcyclohexane
Concen: 47.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

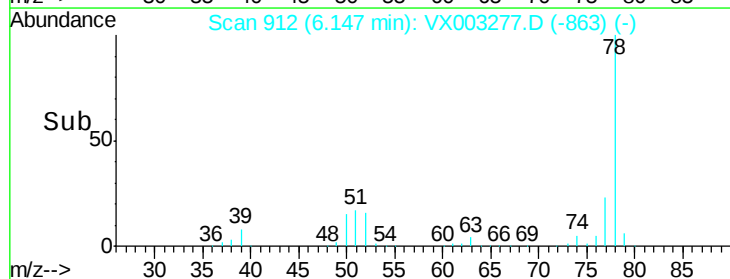
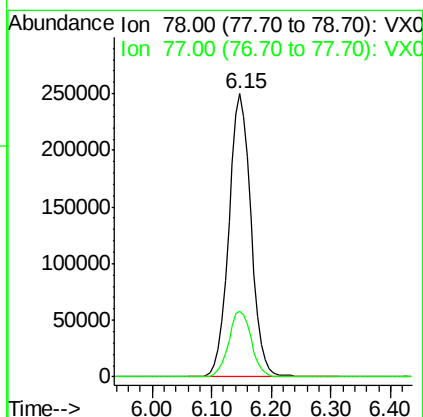
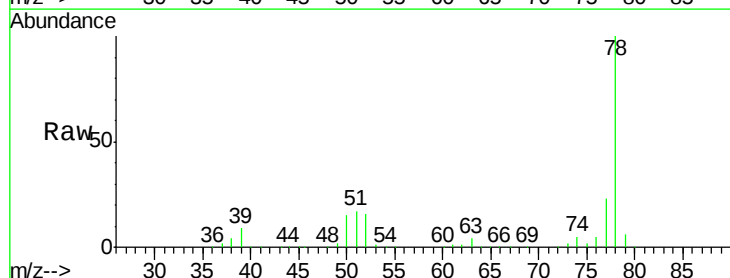
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

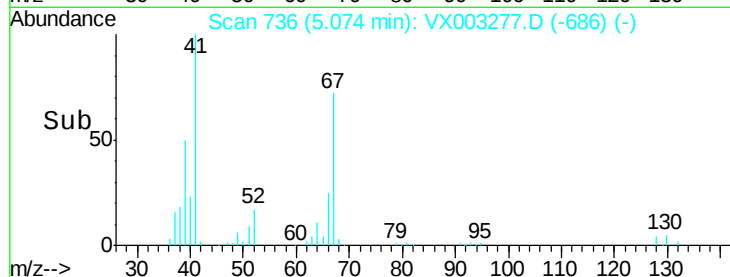
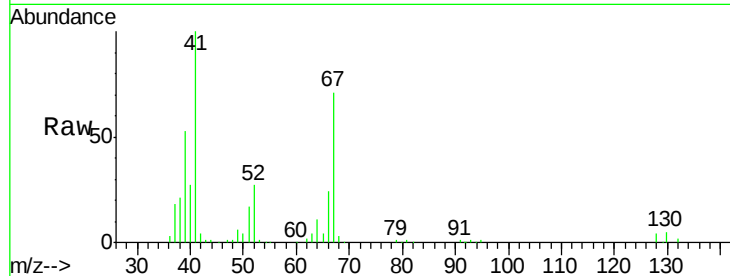
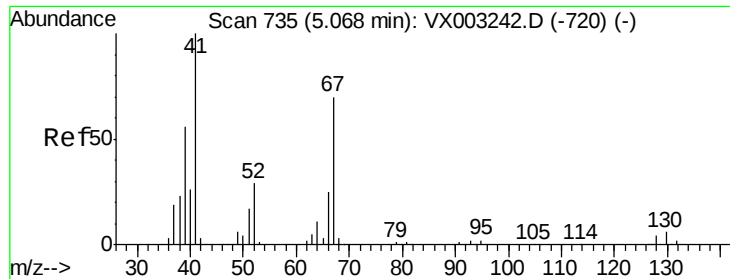
Tot Ion: 83 Resp: 246634
Ion Ratio Lower Upper
83 100
55 76.8 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 48.85 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 78 Resp: 643730
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

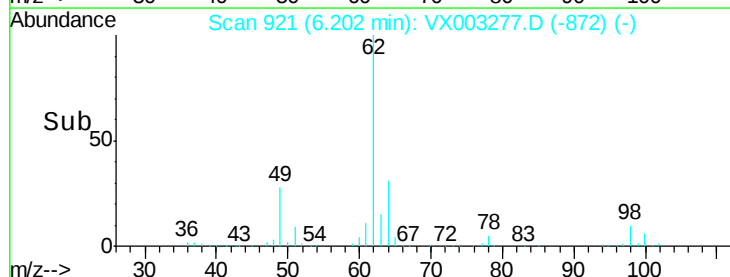
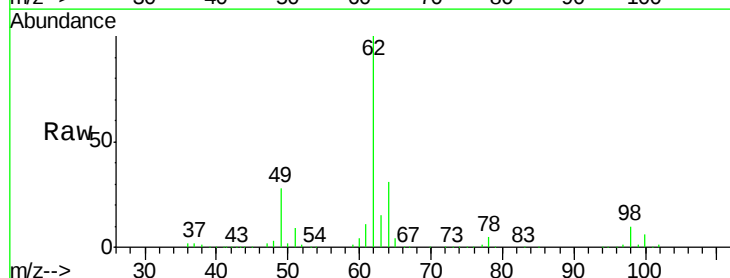
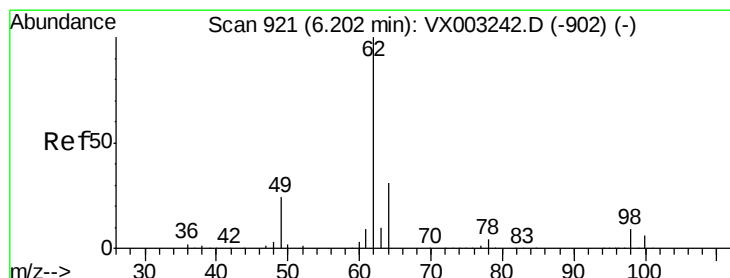
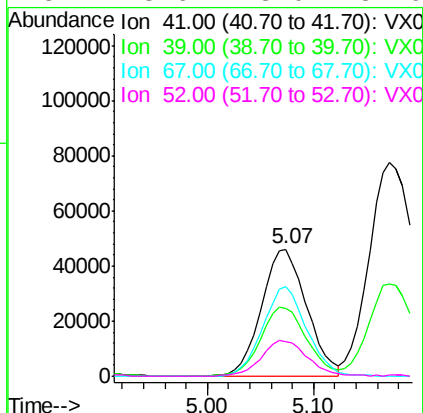




#41
Methacrylonitrile
Concen: 50.73 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

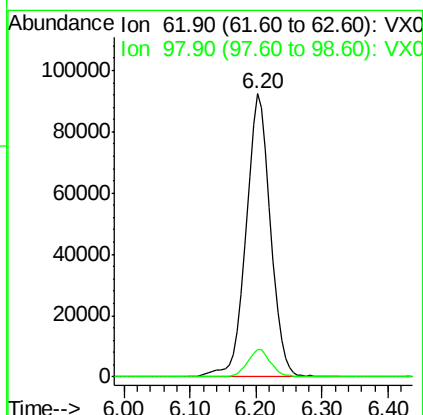
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

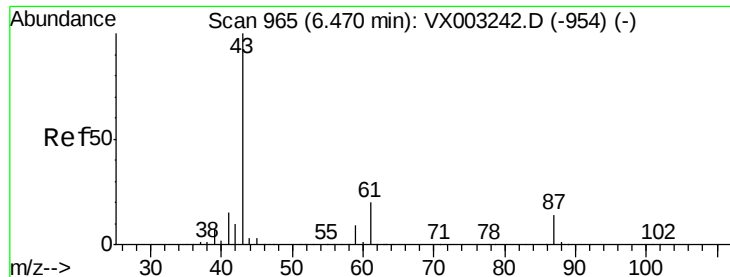
Tot Ion:	41	Resp:	135406
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.6
67	69.6	51.3	76.9
52	28.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion:	62	Resp:	236597
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.6



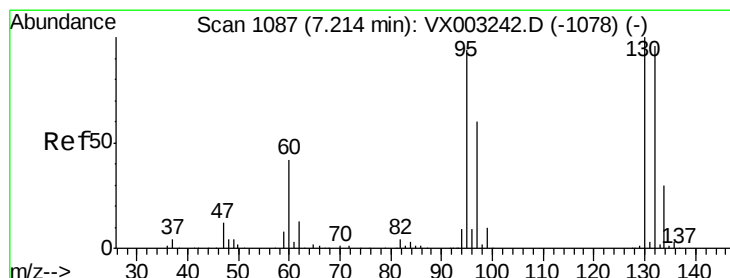
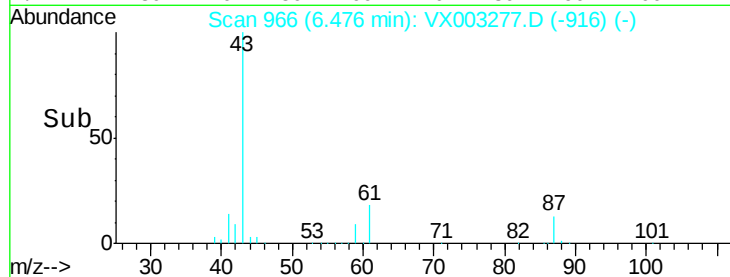
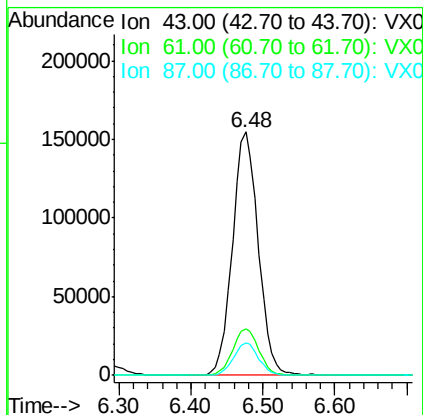
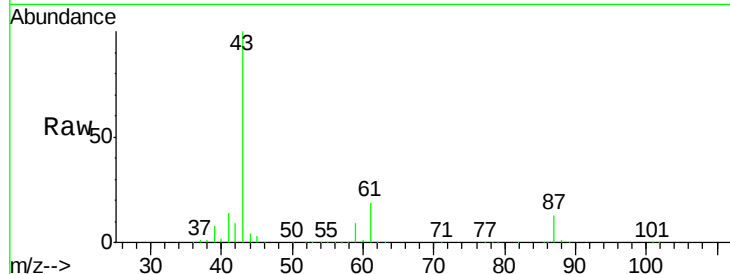


#43

Isopropyl Acetate
 Concen: 50.07 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

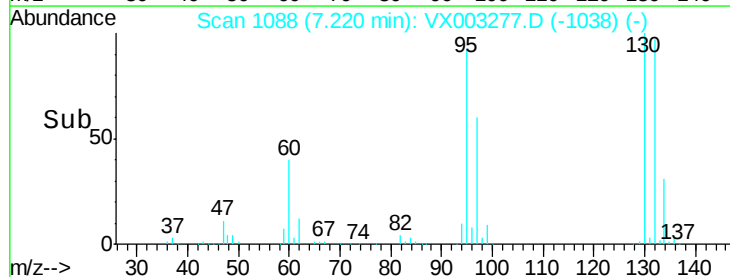
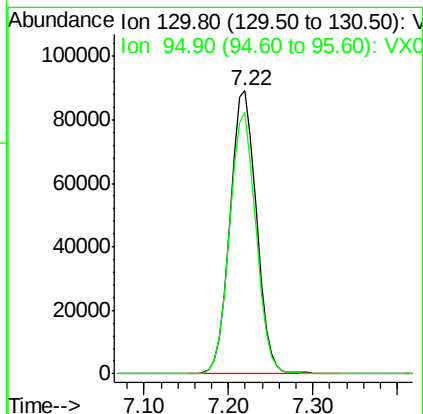
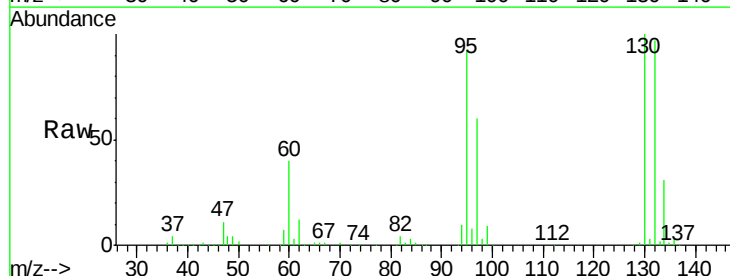
Tot Ion: 43 Resp: 383305
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.4 21.6
 87 13.1 9.5 14.3

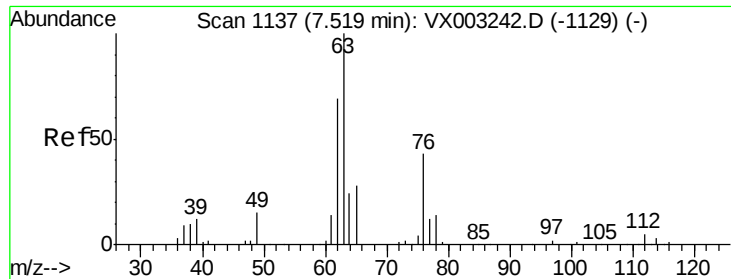


#44

Trichloroethene
 Concen: 48.64 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Tgt Ion: 130 Resp: 189574
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 185.4

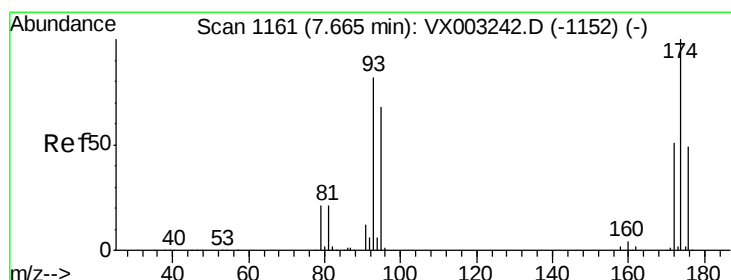
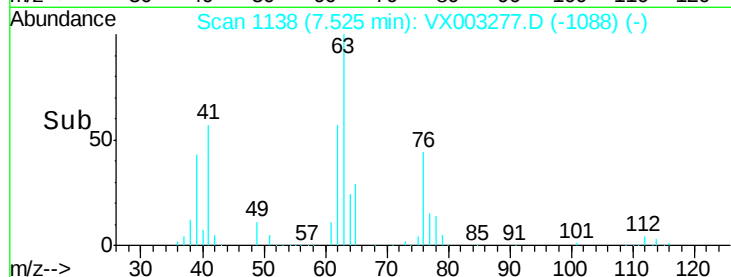
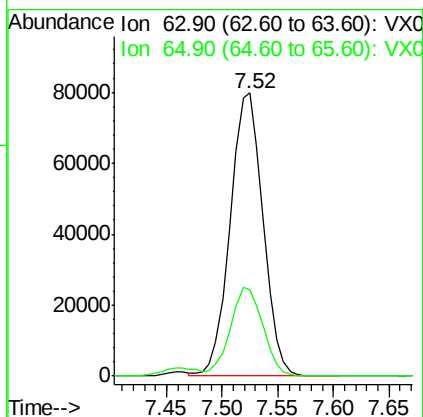
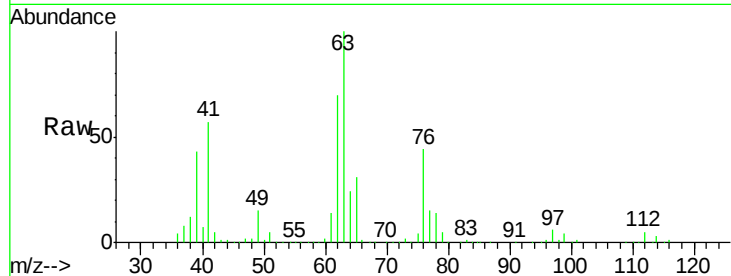




#45
1,2-Dichloropropane
Concen: 47.41 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

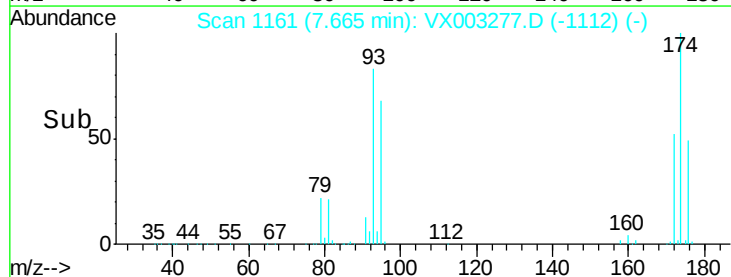
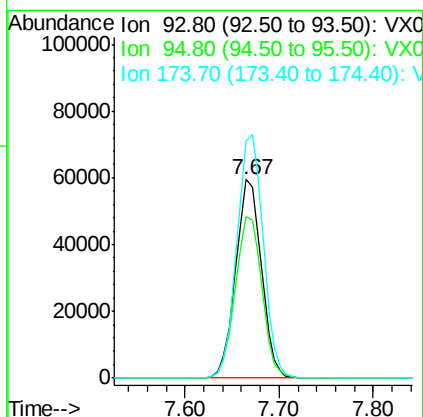
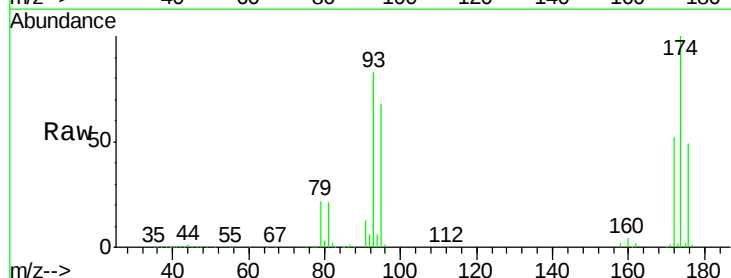
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

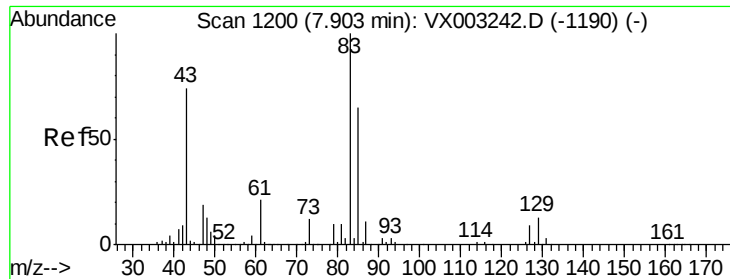
Tot Ion: 63 Resp: 162460
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1



#46
Dibromomethane
Concen: 48.73 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 93 Resp: 113804
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 125.4 92.4 138.6





#47

Bromodichloromethane

Concen: 50.16 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

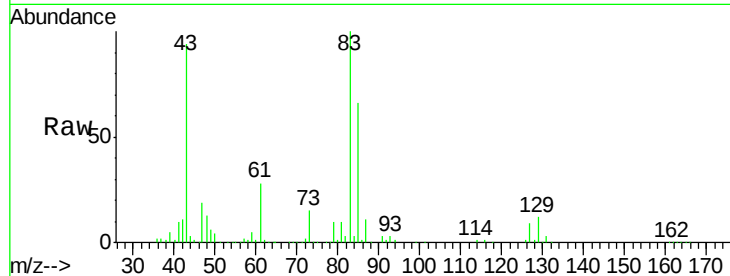
Tot Ion: 83 Resp: 216127

Ion Ratio Lower Upper

83 100

85 66.4 50.3 75.5

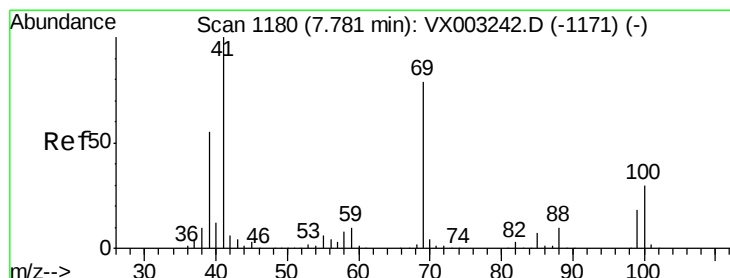
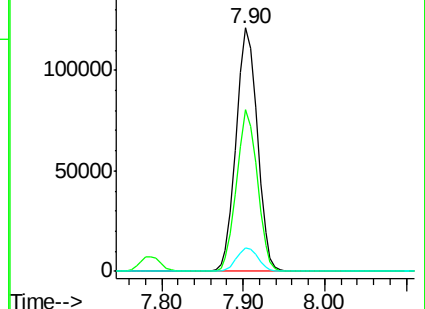
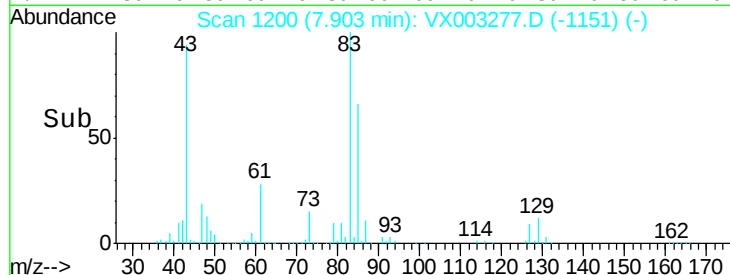
127 9.4 7.0 10.4



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: 51.91 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

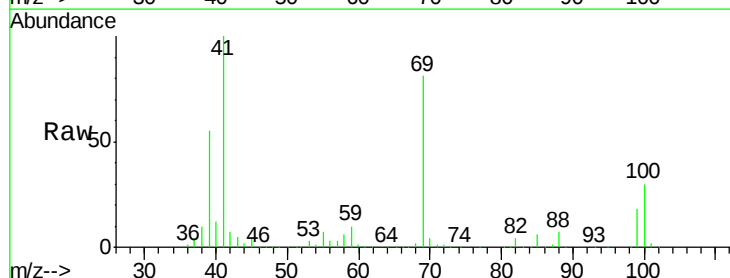
Tgt Ion: 41 Resp: 203807

Ion Ratio Lower Upper

41 100

69 79.4 59.1 88.7

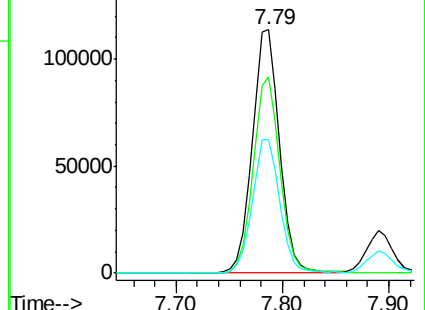
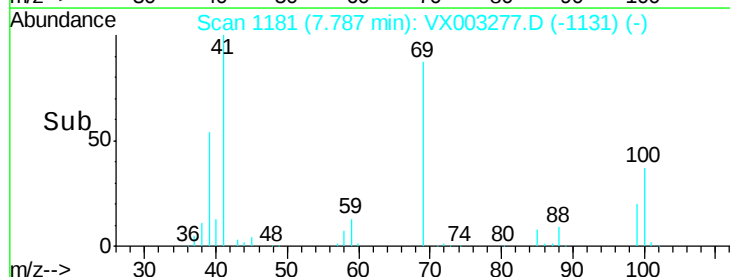
39 55.3 48.9 73.3

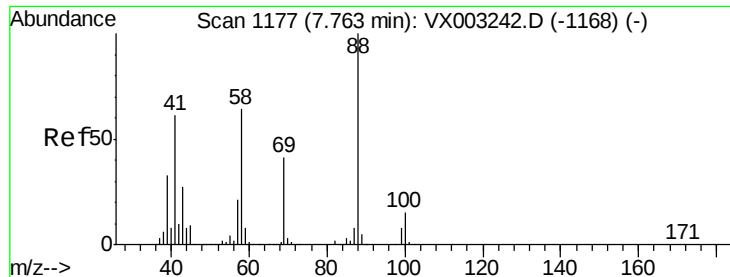


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

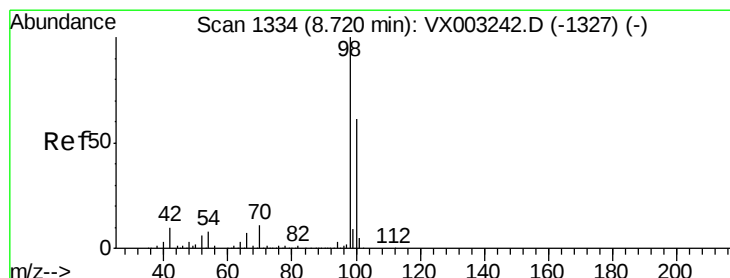
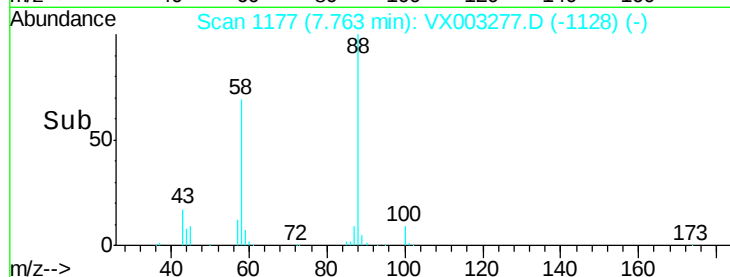
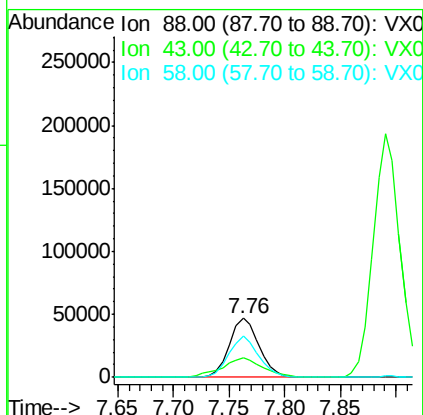
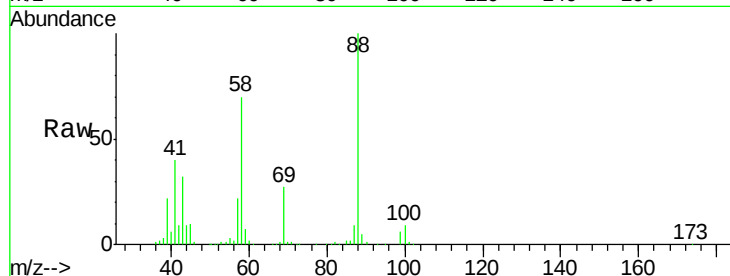




#49
1,4-Dioxane
Concen: 1062.39 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

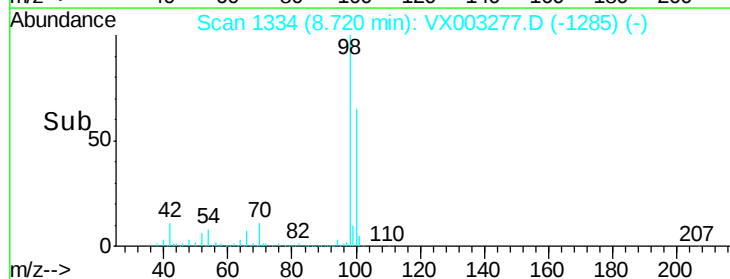
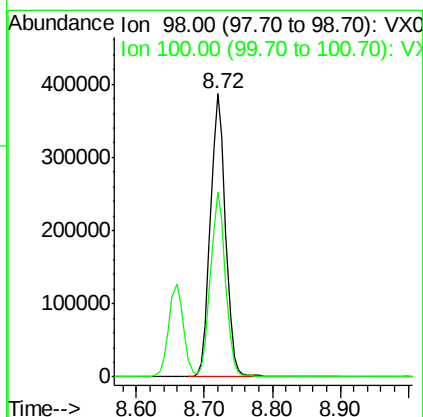
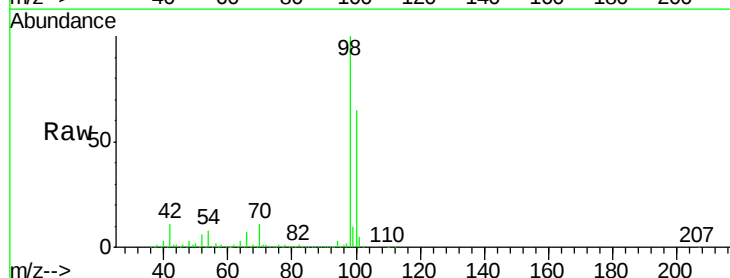
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

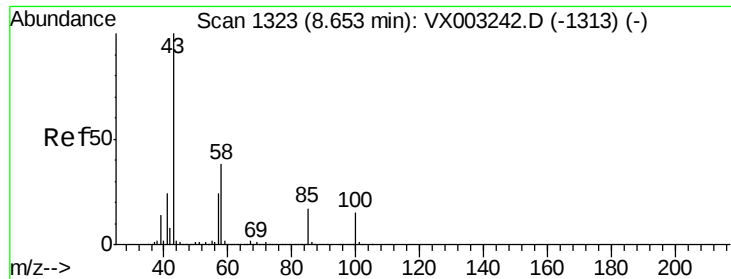
Tot Ion: 88 Resp: 87220
Ion Ratio Lower Upper
88 100
43 44.0 29.8 44.6
58 70.2 57.1 85.7



#50
Toluene-d8
Concen: 50.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 98 Resp: 599348
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 266.17 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

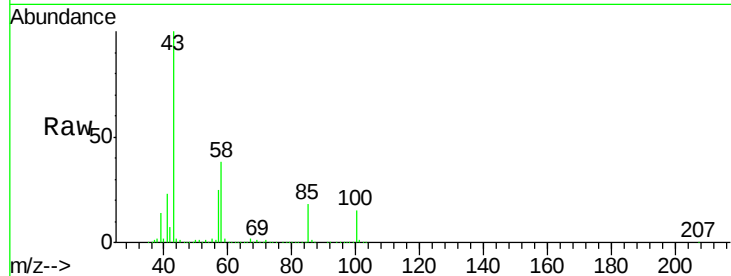
VSTDCCC050EC

Tot Ion: 43 Resp: 1268632

Ion Ratio Lower Upper

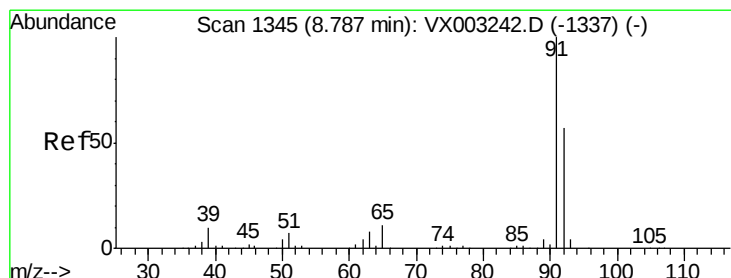
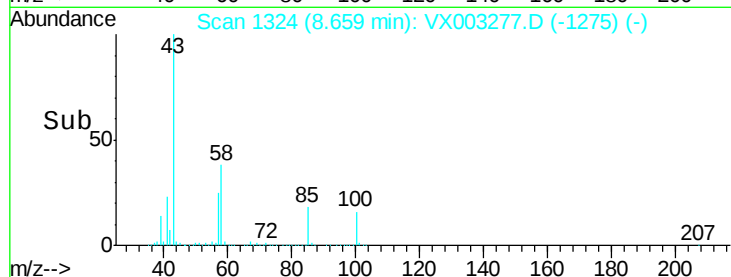
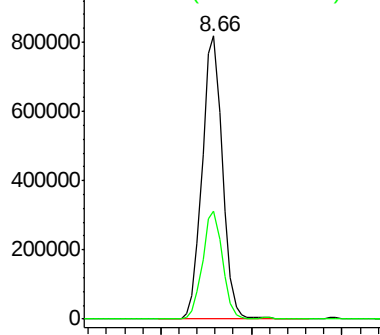
43 100

58 37.6 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: 49.58 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003277.D

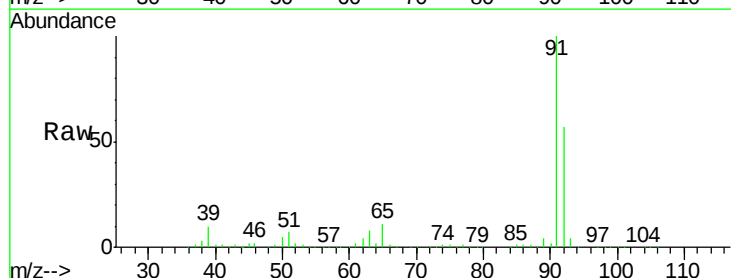
Acq: 10 Jul 2018 06:17

Tgt Ion: 92 Resp: 413085

Ion Ratio Lower Upper

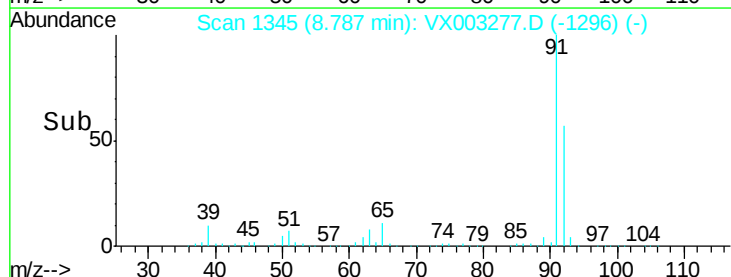
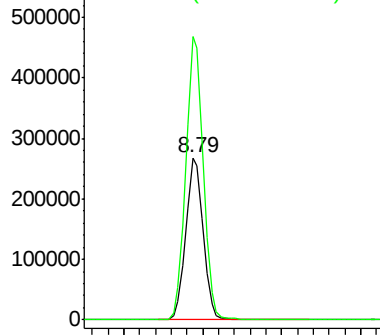
92 100

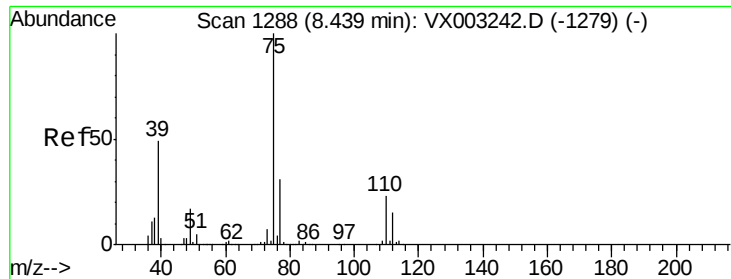
91 175.1 140.4 210.6



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: 45.51 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

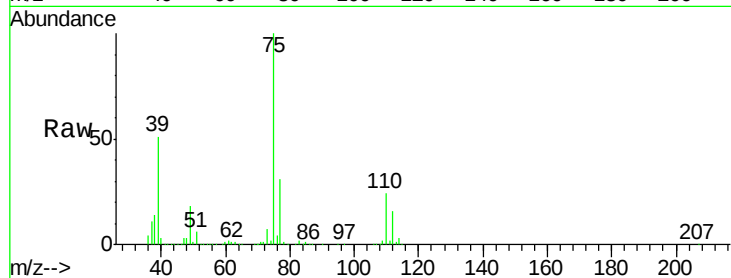
VSTDCCC050EC

Tot Ion: 75 Resp: 230744

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

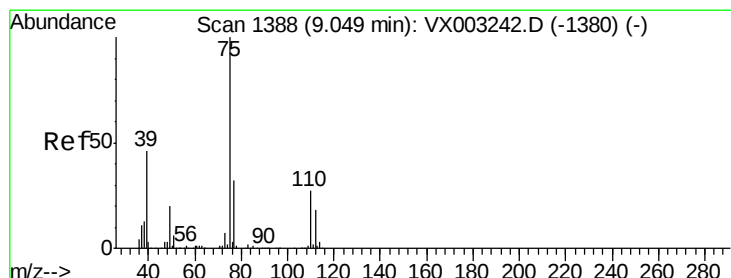
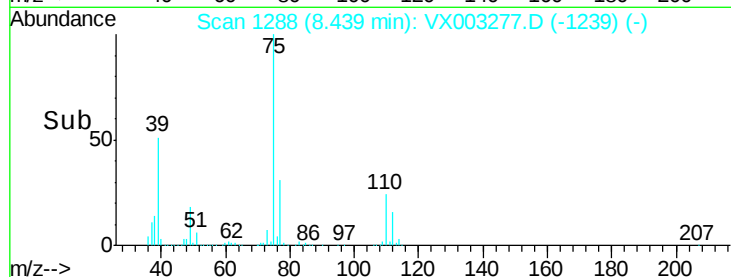
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.02 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

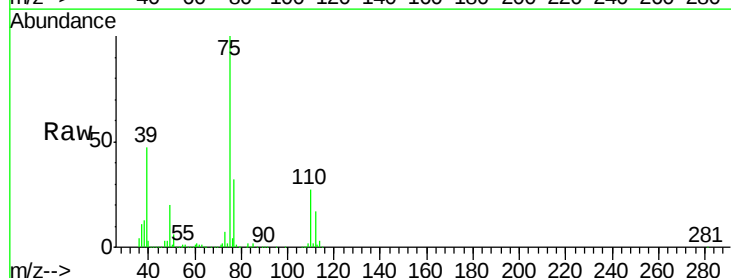
Tgt Ion: 75 Resp: 212376

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 46.4 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

200000

150000

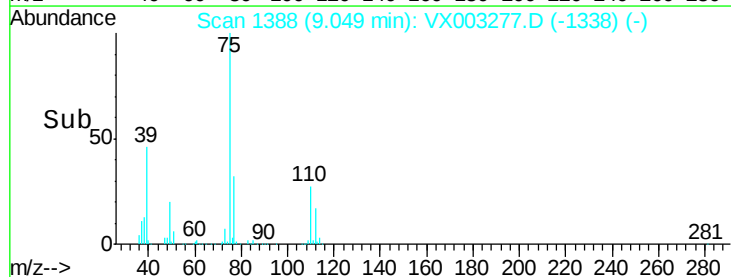
100000

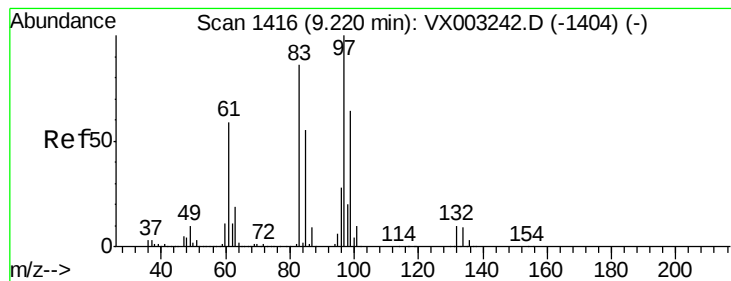
50000

0

9.00 9.10 9.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.74 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 168435

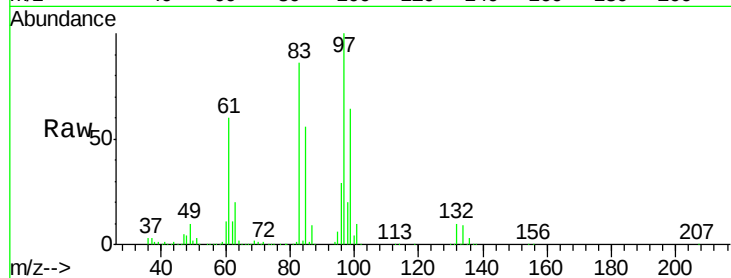
Ion Ratio Lower Upper

97 100

83 85.9 70.2 105.2

85 55.7 44.9 67.3

99 63.7 49.8 74.8

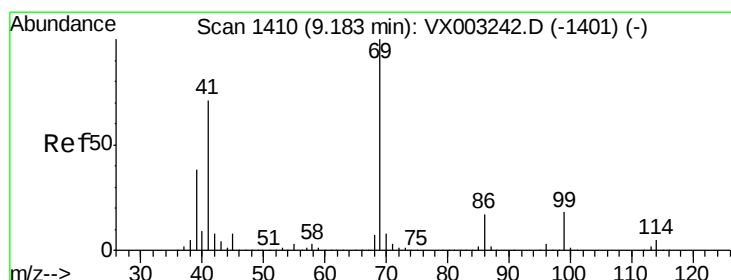
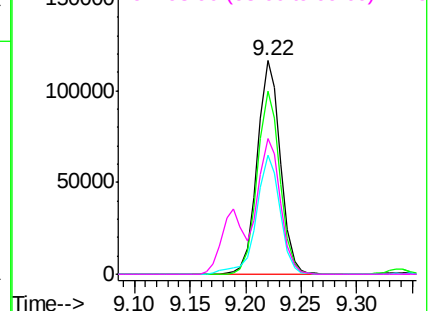
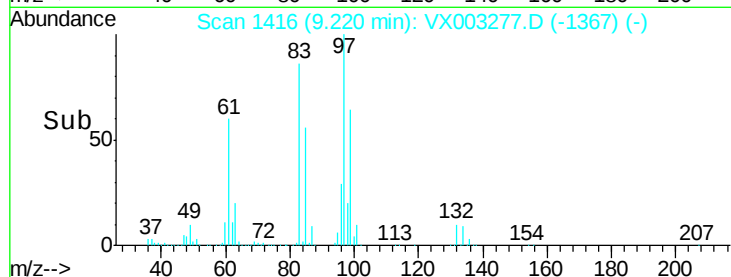


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.22 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

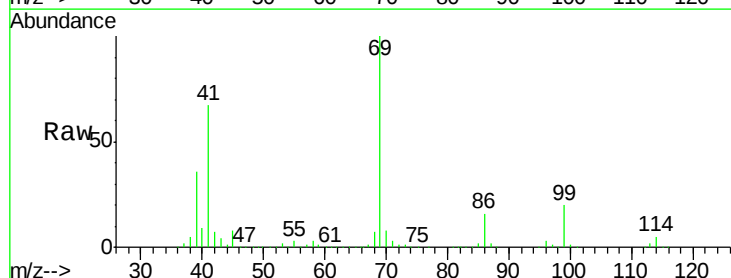
Tgt Ion: 69 Resp: 247195

Ion Ratio Lower Upper

69 100

41 69.2 60.3 90.5

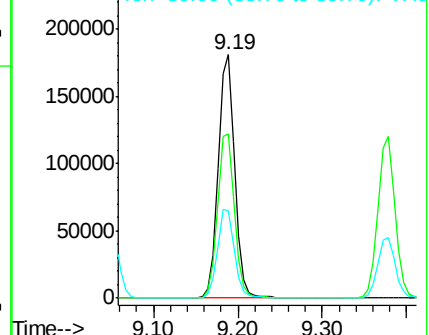
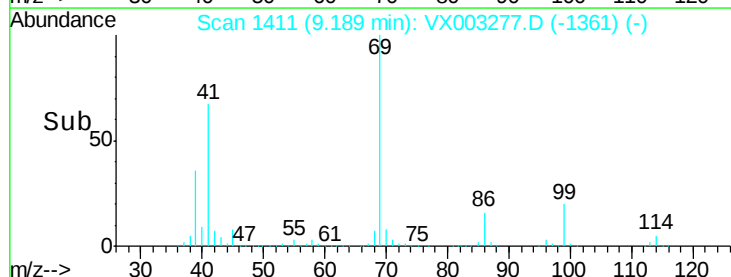
39 37.6 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.74 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

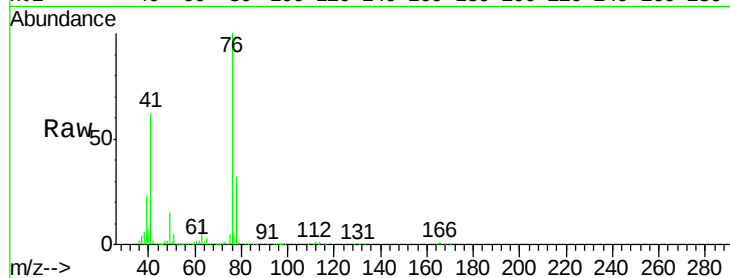
VSTDCCC050EC

Tot Ion: 76 Resp: 271330

Ion Ratio Lower Upper

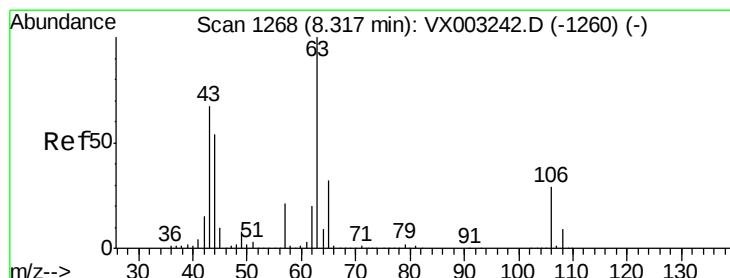
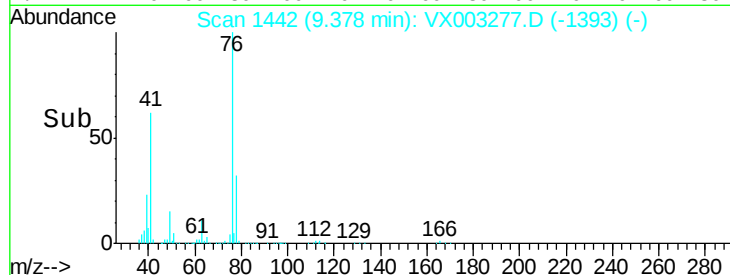
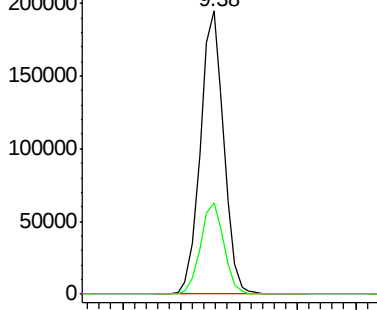
76 100

78 32.6 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: 270.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003277.D

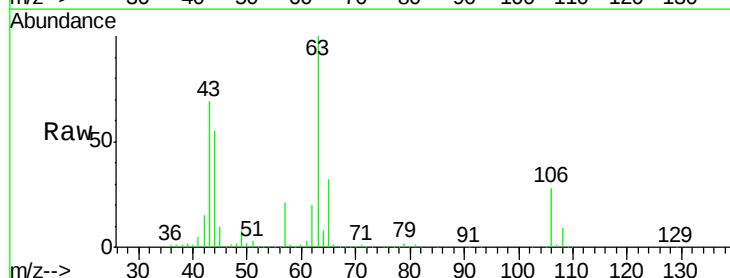
Acq: 10 Jul 2018 06:17

Tgt Ion: 63 Resp: 617487

Ion Ratio Lower Upper

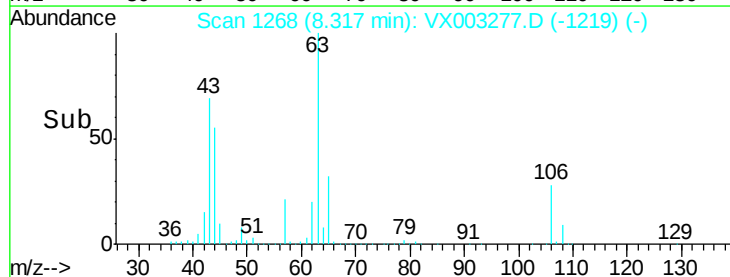
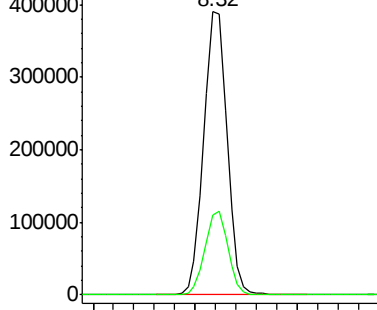
63 100

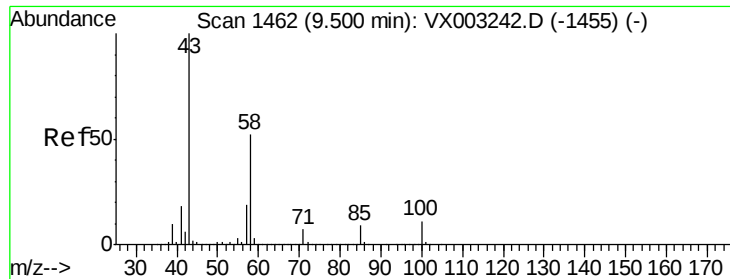
106 29.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

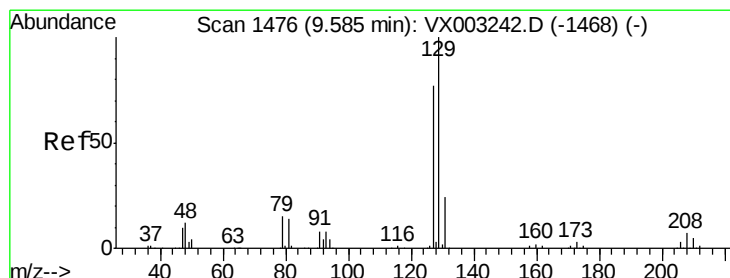
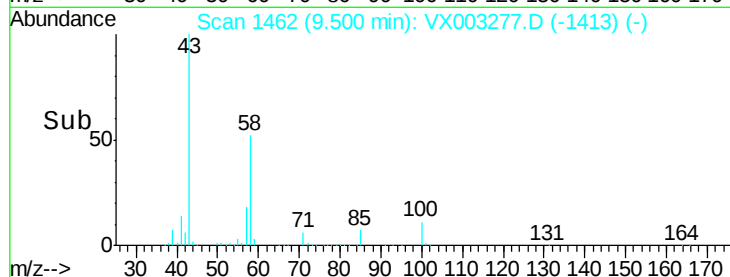
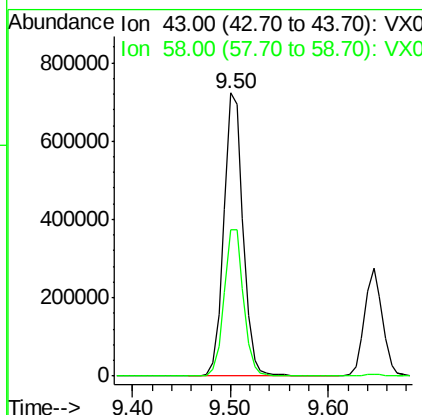
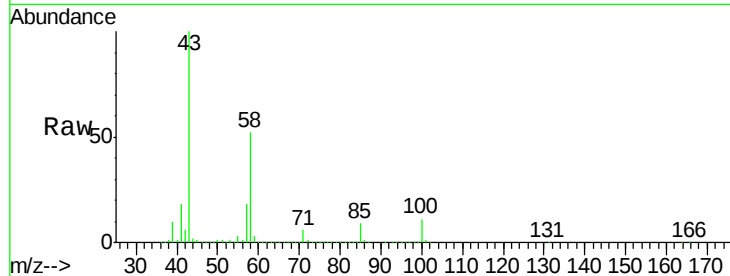




#59
2-Hexanone
Concen: 271.13 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

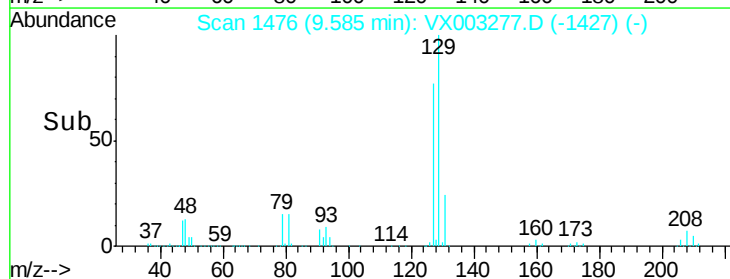
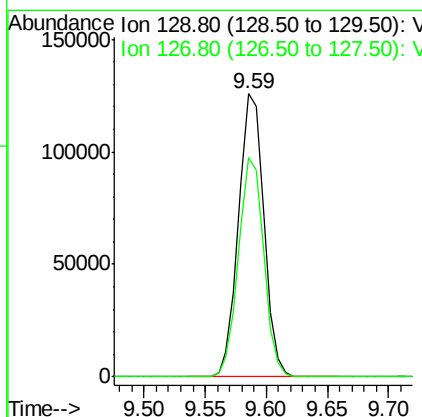
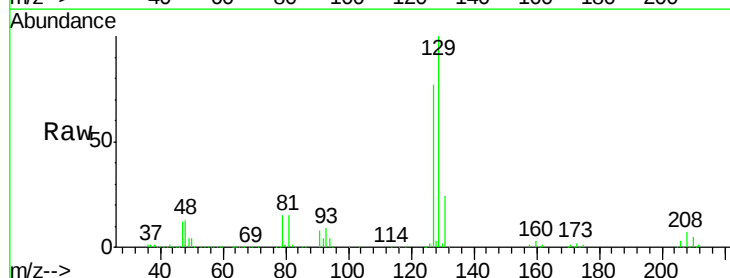
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

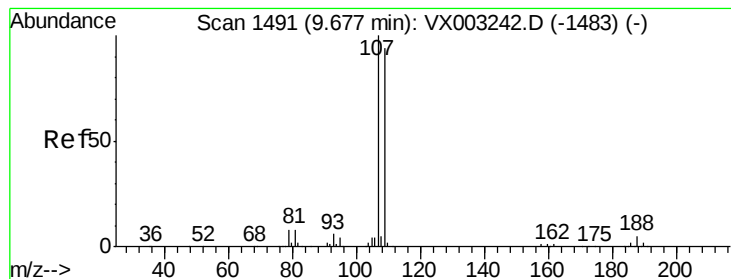
Tot Ion: 43 Resp: 981507
Ion Ratio Lower Upper
43 100
58 52.5 24.6 73.6



#60
Dibromochloromethane
Concen: 50.12 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 129 Resp: 180855
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

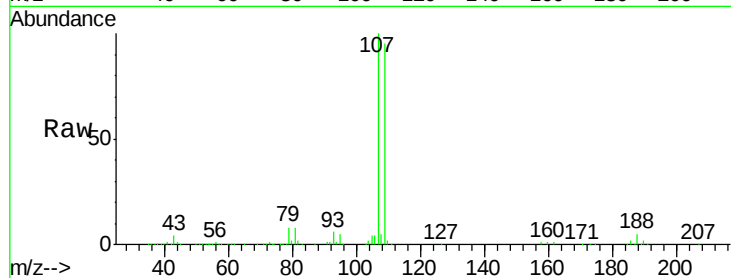
VSTDCCC050EC

Tot Ion:107 Resp: 179661

Ion Ratio Lower Upper

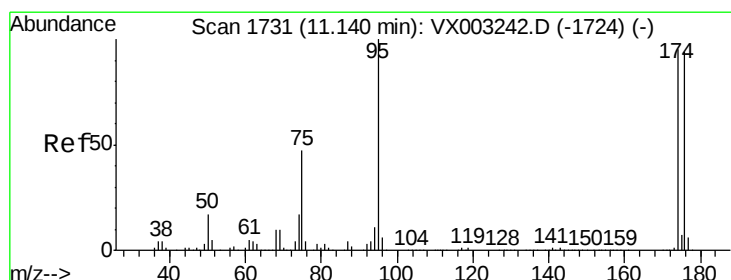
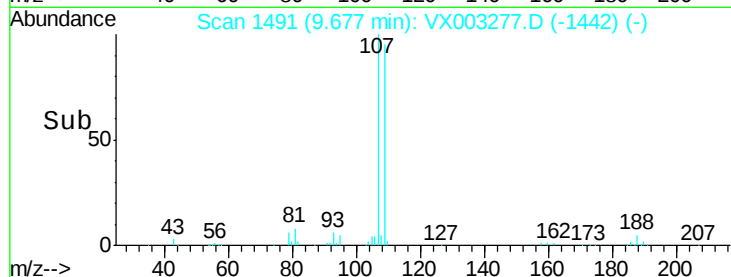
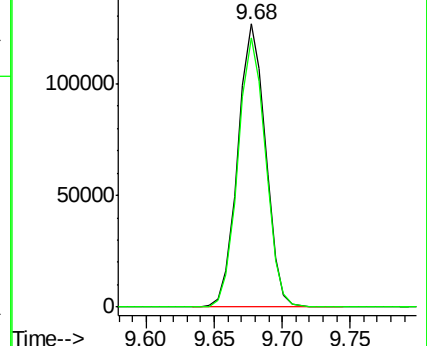
107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

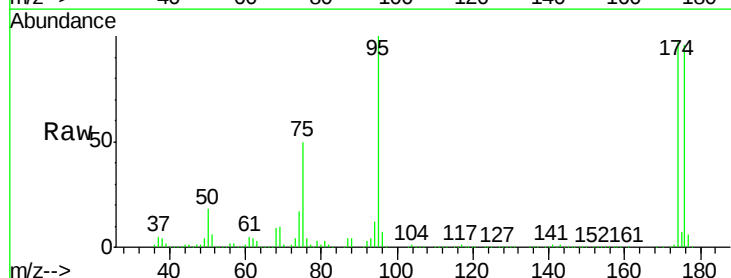
Tgt Ion: 95 Resp: 223795

Ion Ratio Lower Upper

95 100

174 99.0 0.0 187.4

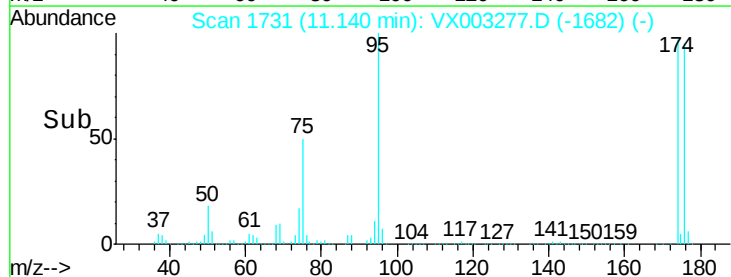
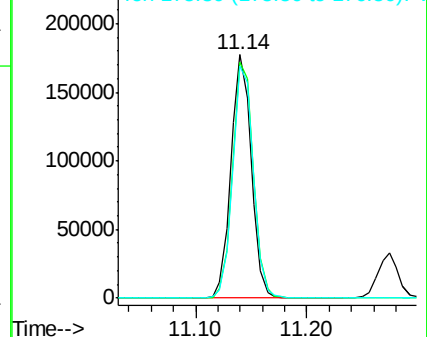
176 96.9 0.0 181.0

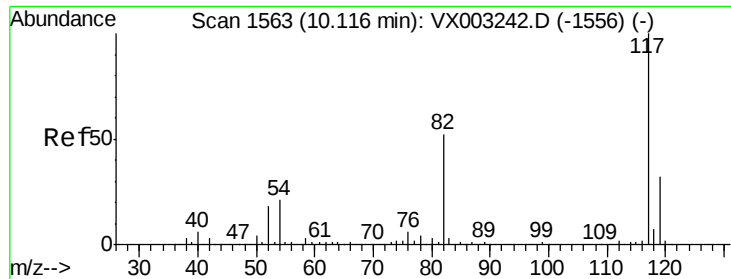


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

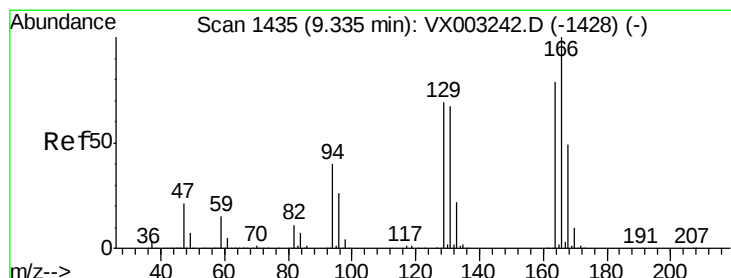
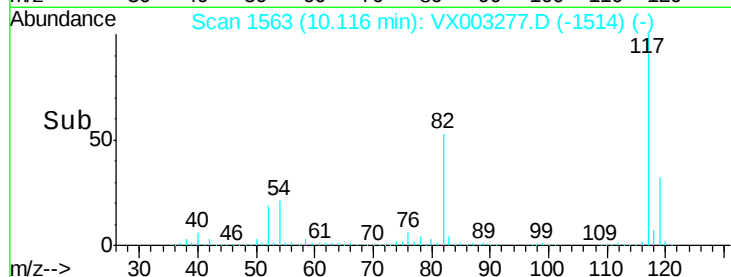
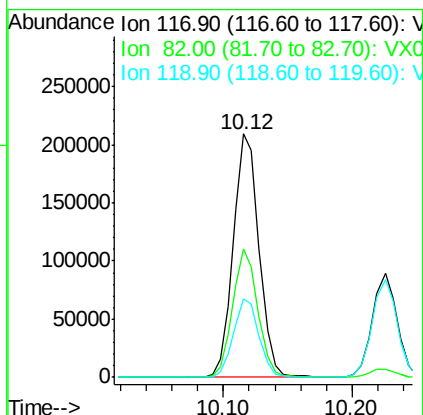
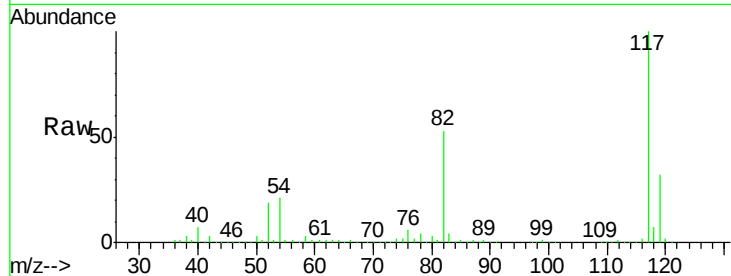




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

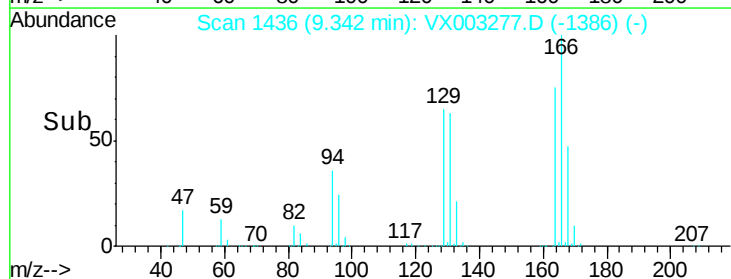
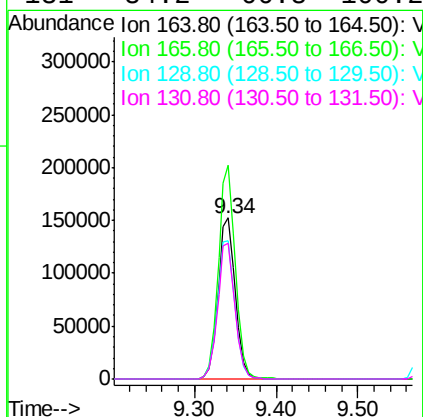
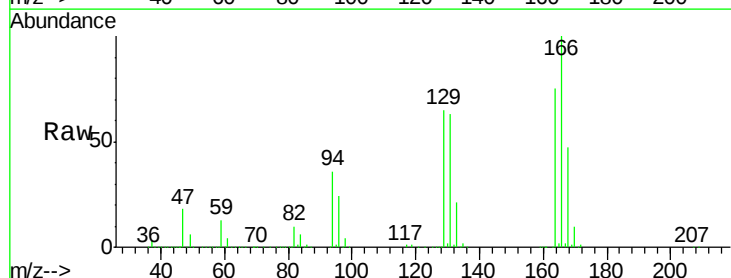
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

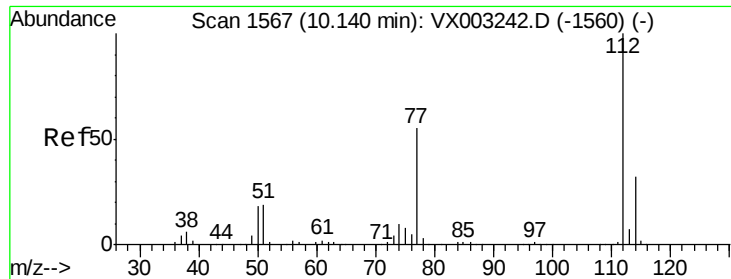
Tot Ion:117 Resp: 291969
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 51.28 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion:164 Resp: 226337
Ion Ratio Lower Upper
164 100
166 132.8 102.9 154.3
129 85.7 68.6 102.8
131 84.2 66.8 100.2

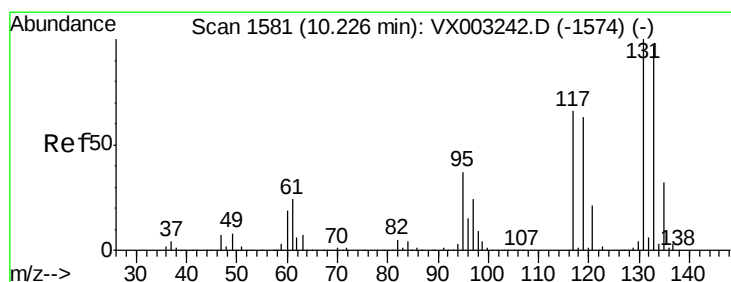
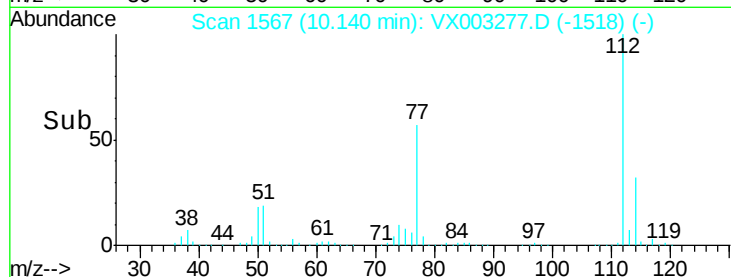
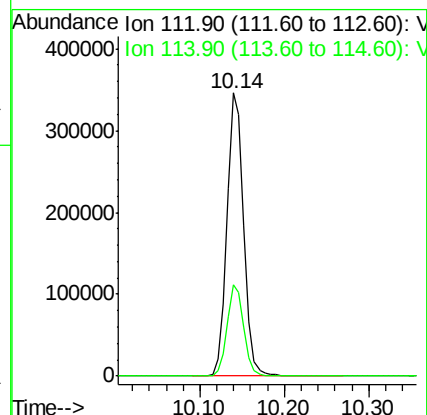
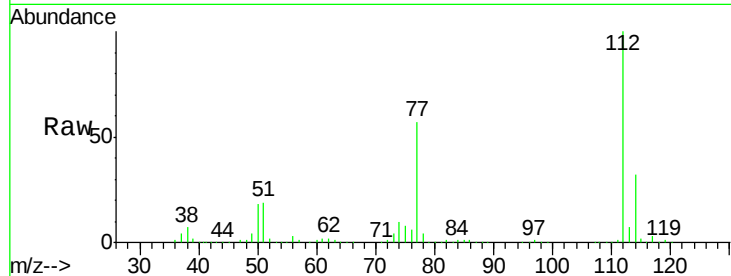




#65
Chlorobenzene
Concen: 47.70 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

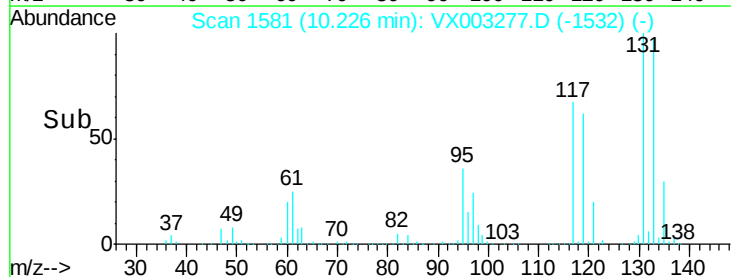
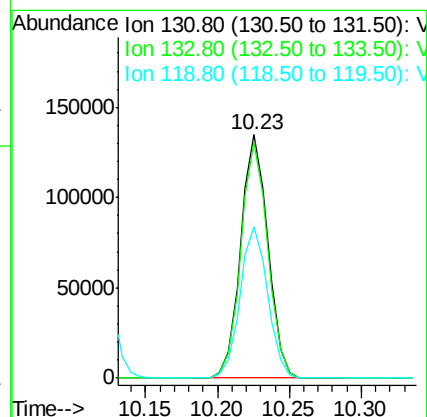
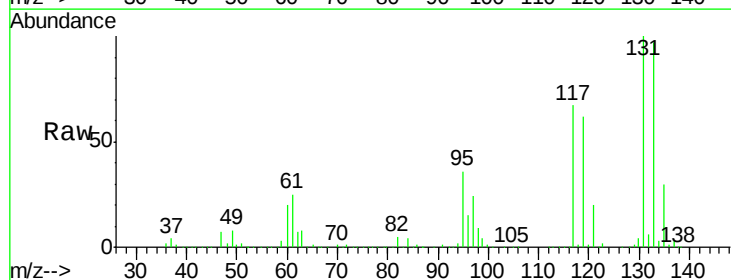
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

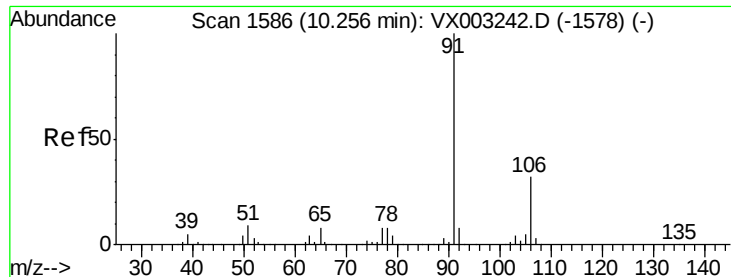
Tot Ion:112 Resp: 473250
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.58 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion:131 Resp: 177456
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 63.0 31.8 95.3

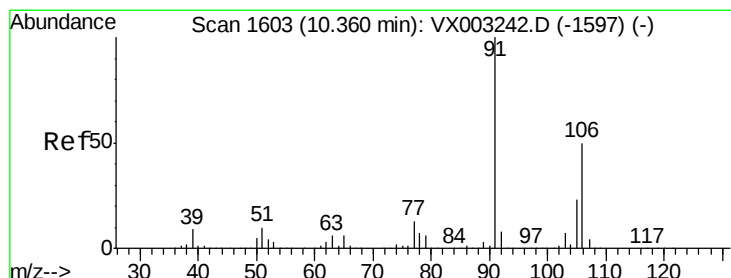
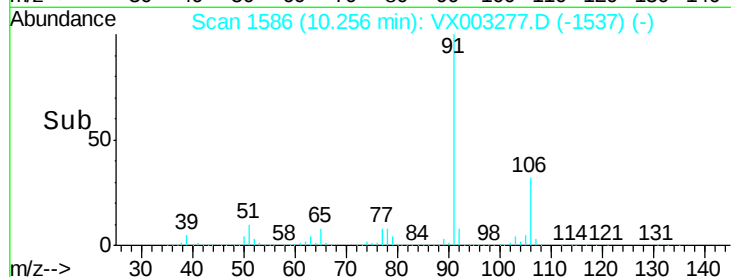
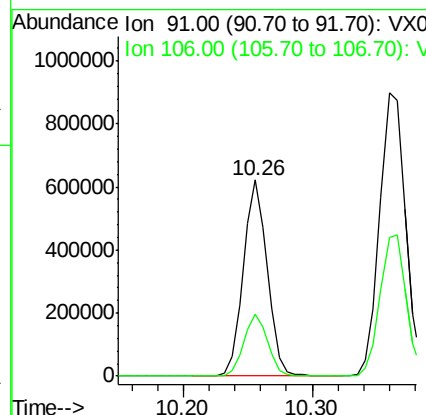
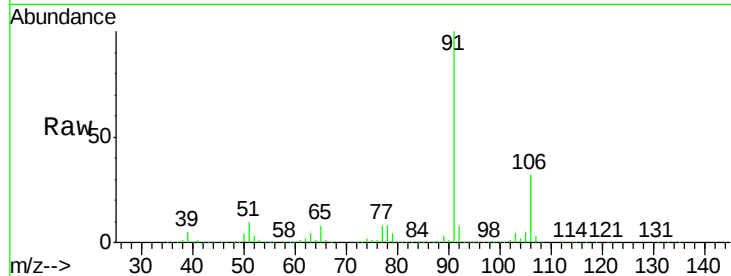




#67
Ethyl Benzene
Concen: 49.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

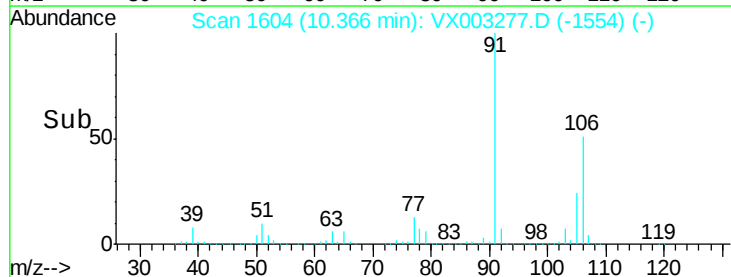
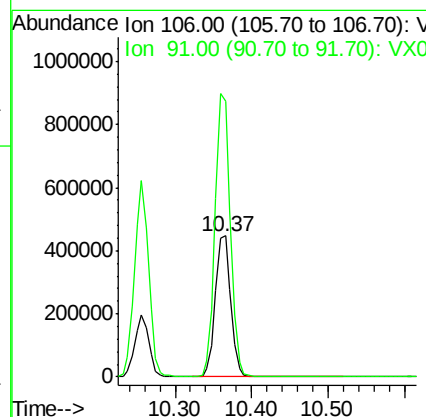
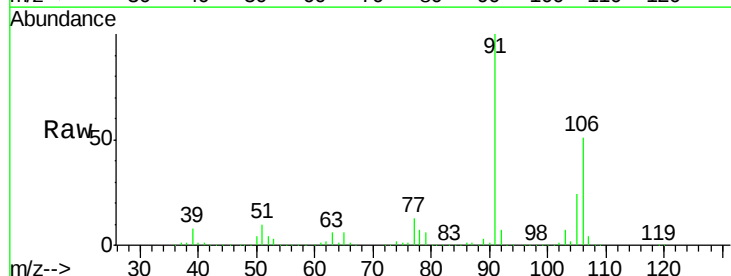
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

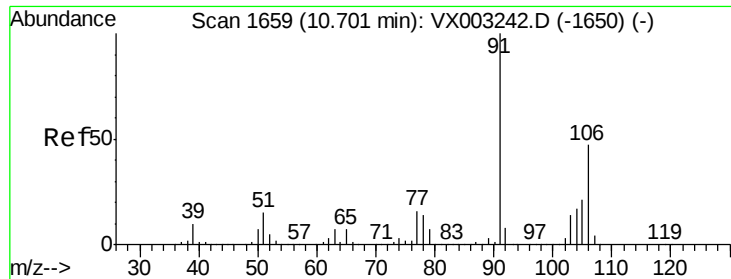
Tot Ion: 91 Resp: 796420
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 100.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 106 Resp: 626128
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2

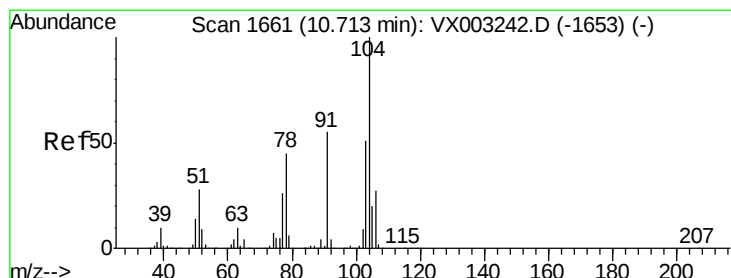
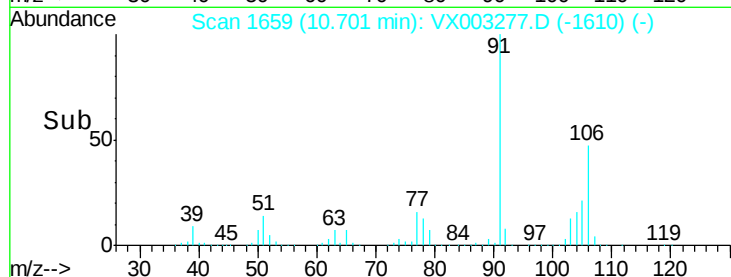
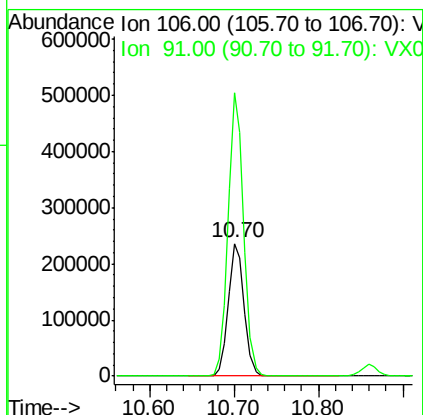
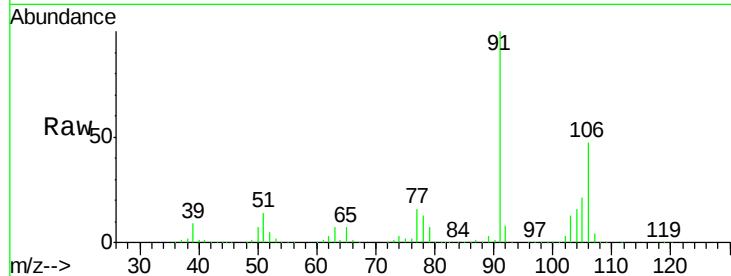




#69
o-Xylene
Concen: 50.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

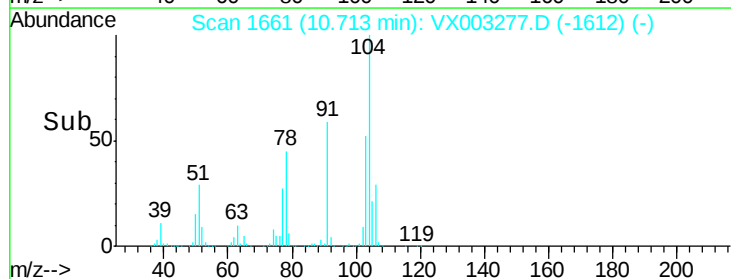
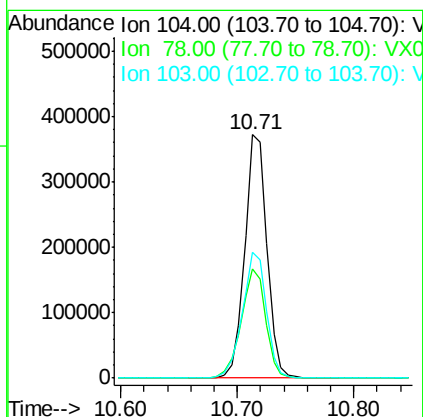
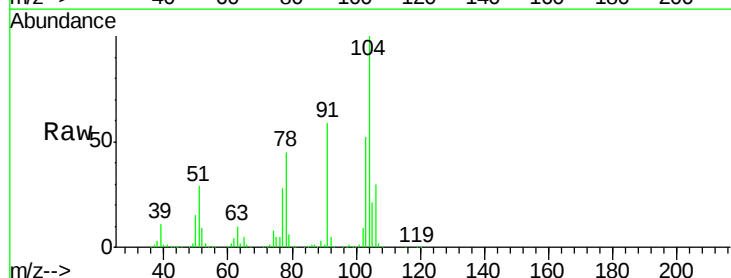
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

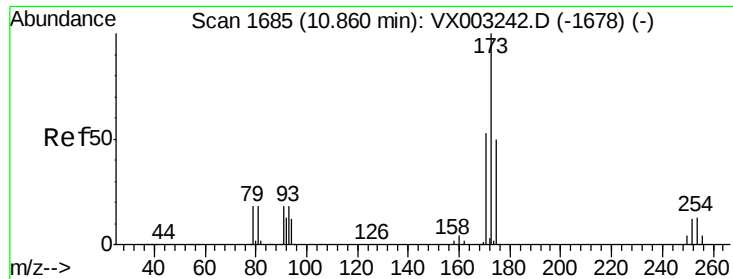
Tot Ion:106 Resp: 303467
Ion Ratio Lower Upper
106 100
91 210.3 108.2 324.6



#70
Styrene
Concen: 50.80 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion:104 Resp: 498087
Ion Ratio Lower Upper
104 100
78 49.1 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 50.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

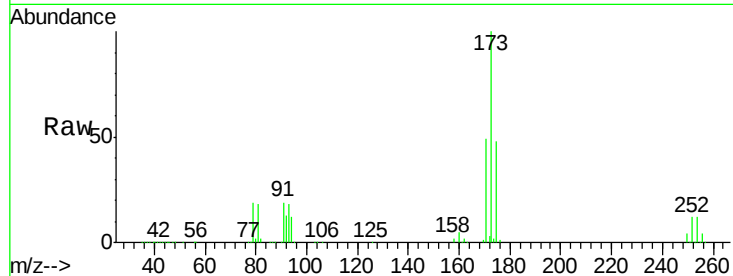
Tot Ion:173 Resp: 148349

Ion Ratio Lower Upper

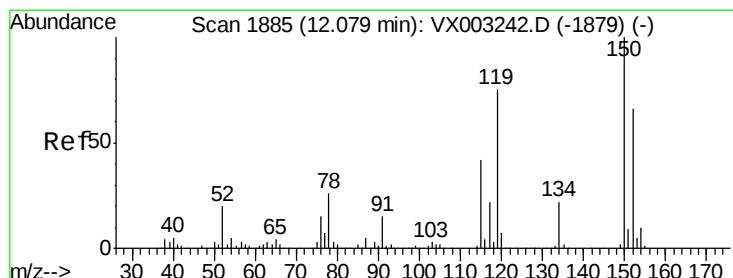
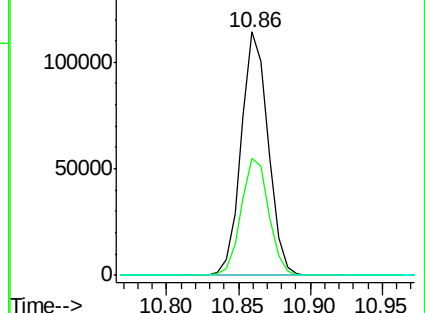
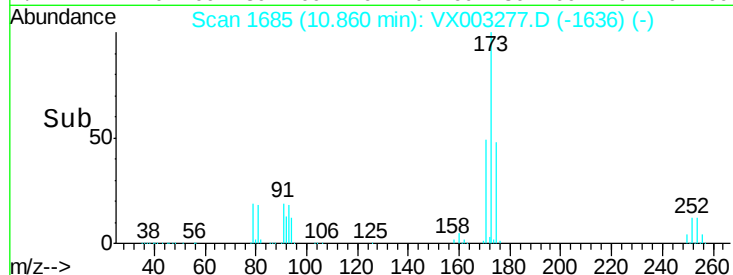
173 100

175 49.0 24.7 74.1

254 0.2 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: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

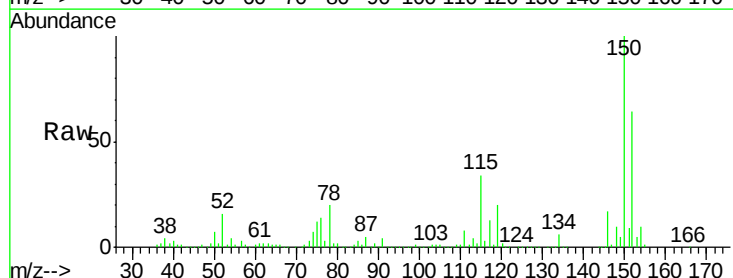
Tgt Ion:152 Resp: 208604

Ion Ratio Lower Upper

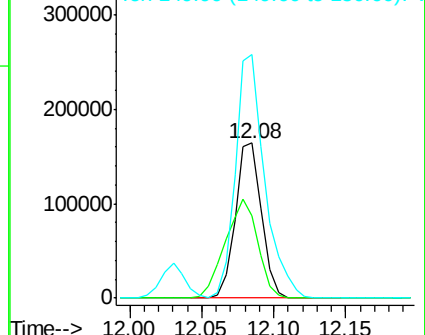
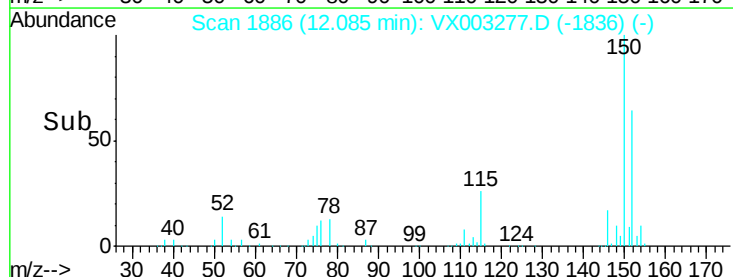
152 100

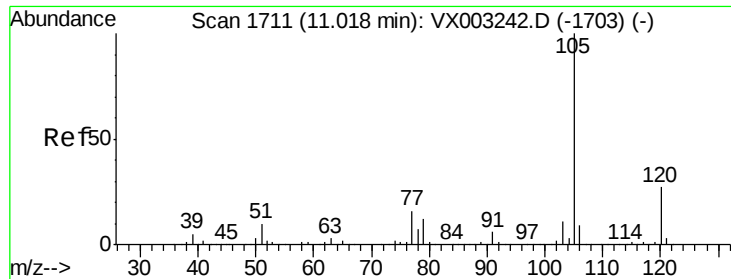
115 79.7 40.1 120.2

150 175.5 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: 49.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

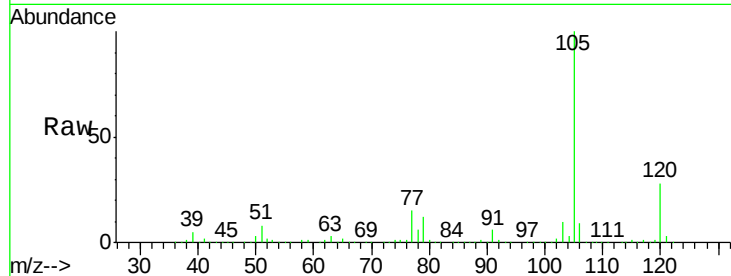
VSTDCCC050EC

Tot Ion:105 Resp: 820251

Ion Ratio Lower Upper

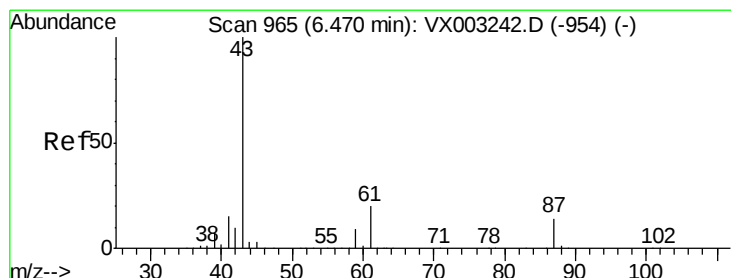
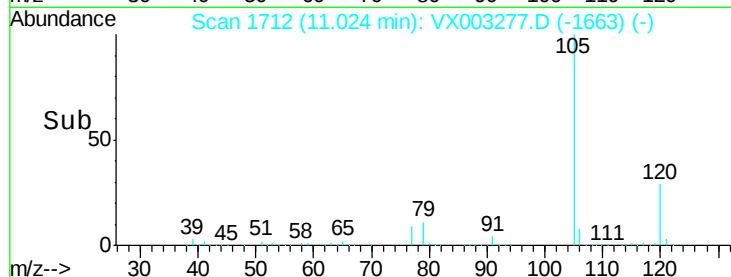
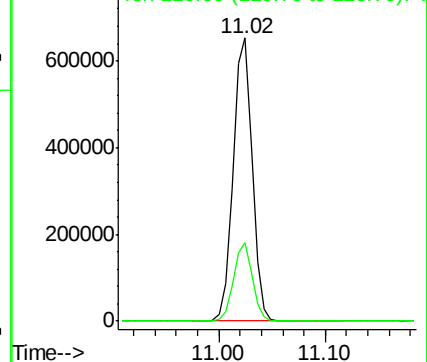
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Tgt Ion: 43 Resp: 383305

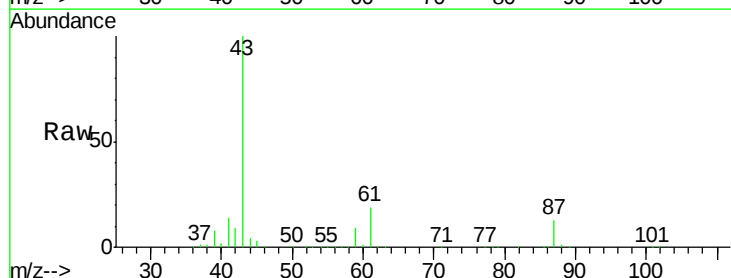
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 14.4 21.6

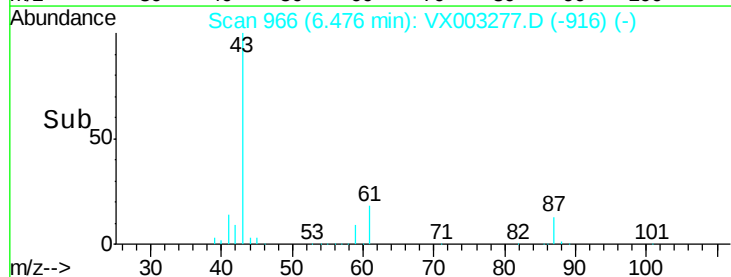
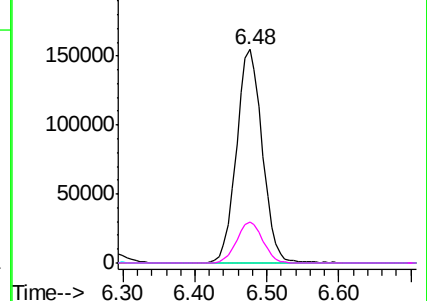


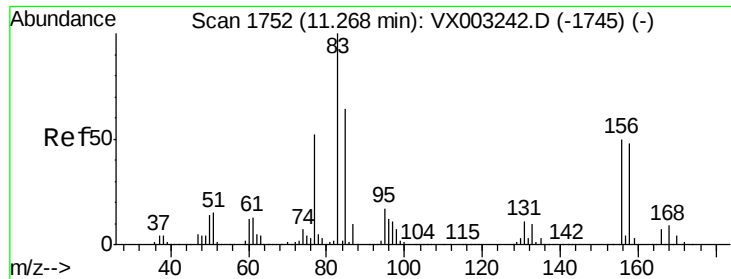
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

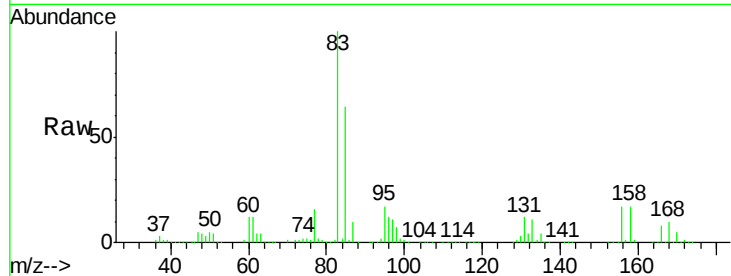
Tot Ion: 83 Resp: 250456

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

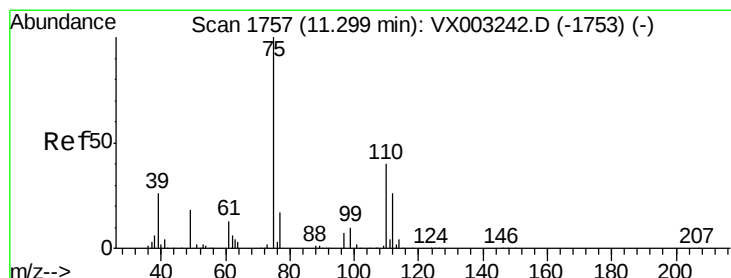
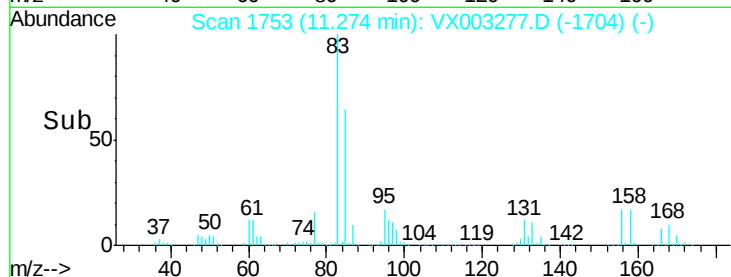
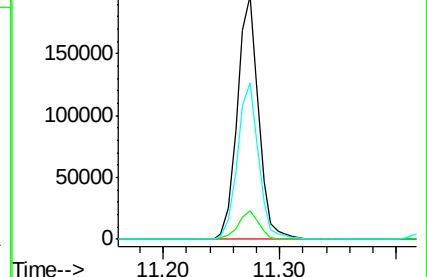
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.08 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003277.D

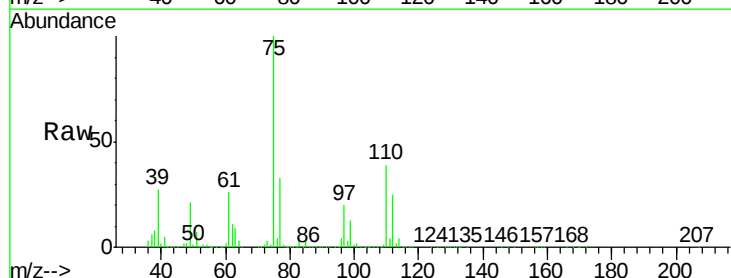
Acq: 10 Jul 2018 06:17

Tgt Ion: 75 Resp: 275368

Ion Ratio Lower Upper

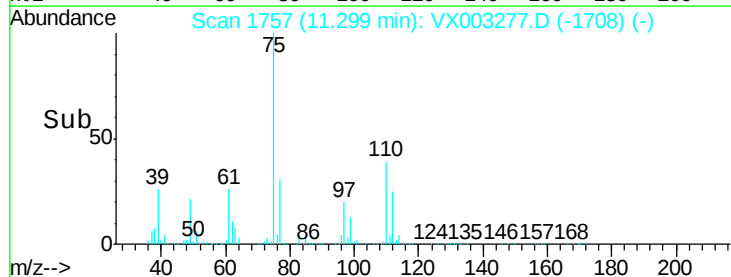
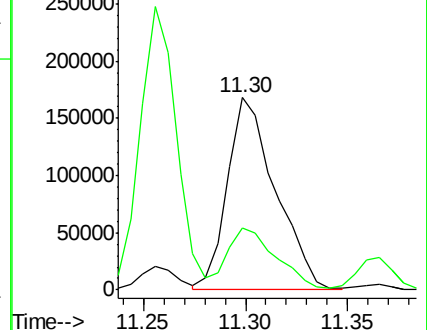
75 100

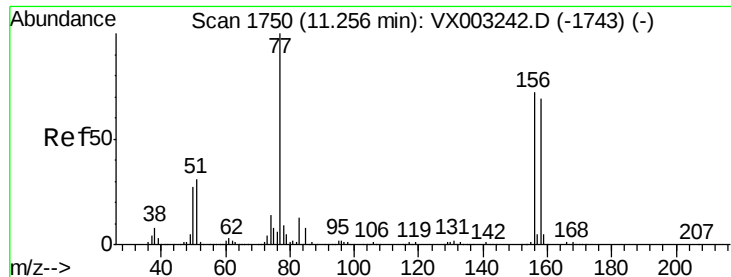
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

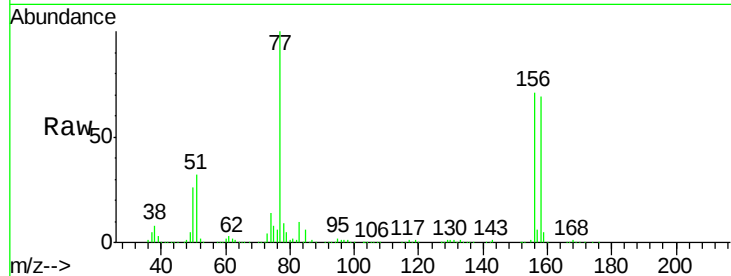
Tot Ion:156 Resp: 229849

Ion Ratio Lower Upper

156 100

77 133.1 71.4 214.2

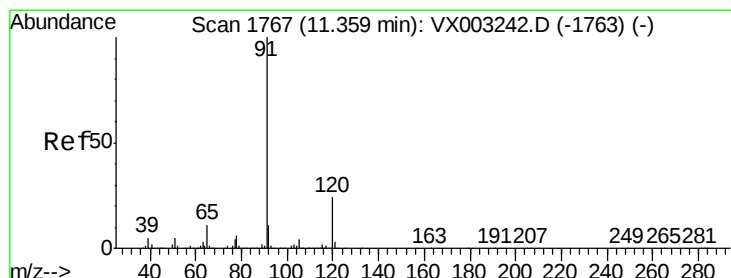
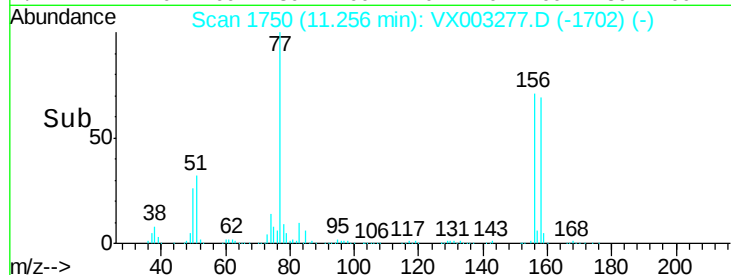
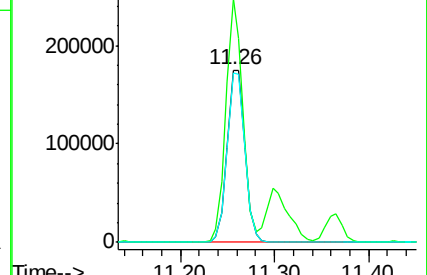
158 98.5 48.9 146.6



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: 50.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003277.D

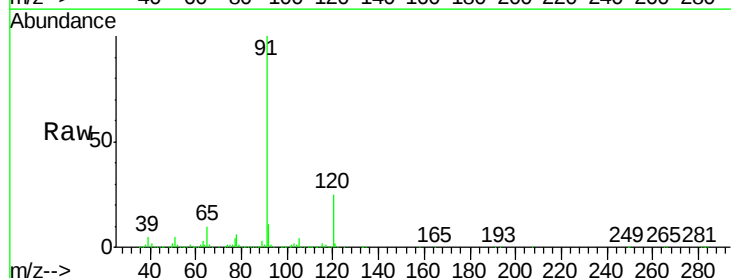
Acq: 10 Jul 2018 06:17

Tgt Ion: 91 Resp: 917685

Ion Ratio Lower Upper

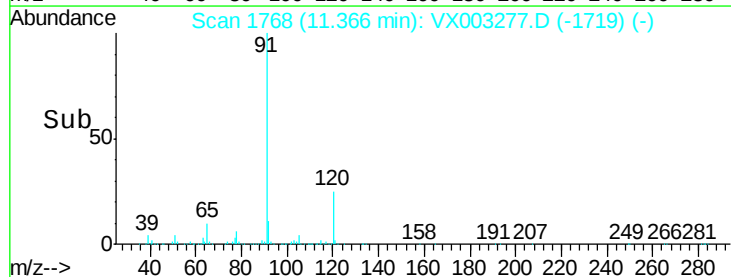
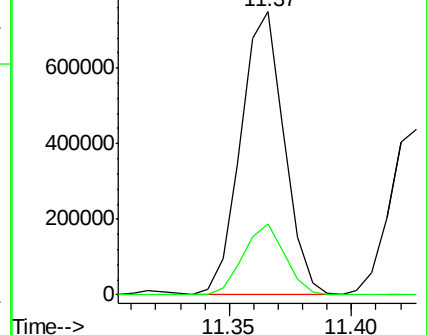
91 100

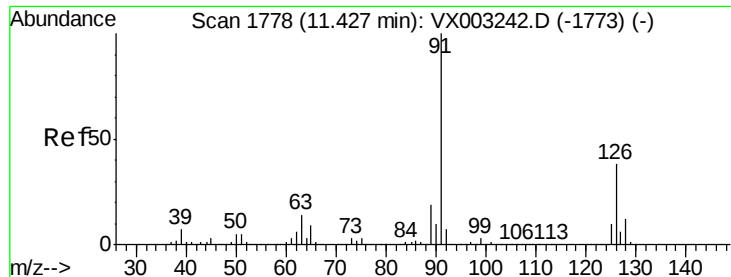
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.86 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

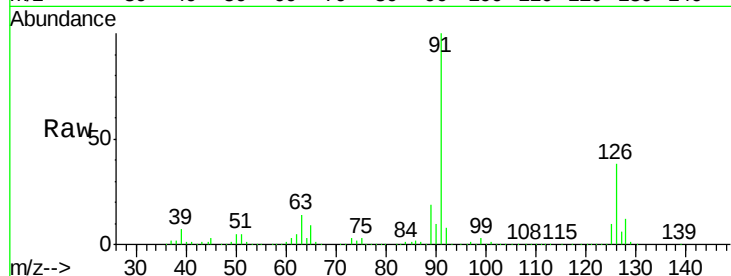
VSTDCCC050EC

Tot Ion: 91 Resp: 545080

Ion Ratio Lower Upper

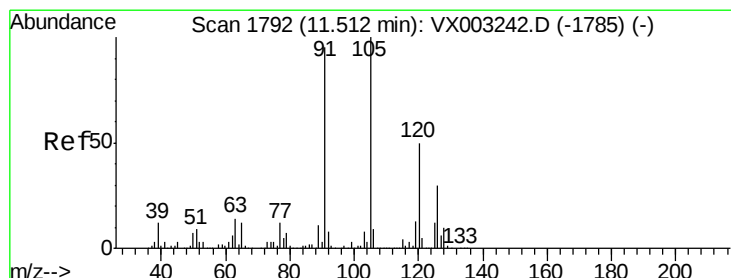
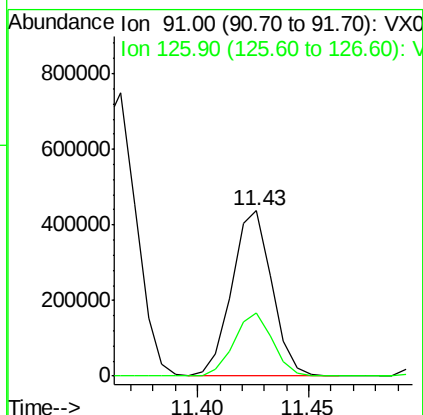
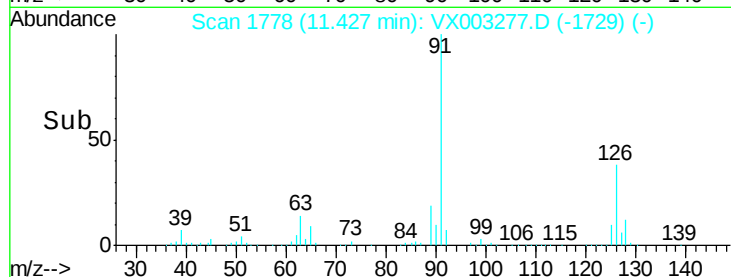
91 100

126 37.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003277.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003277.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003277.D

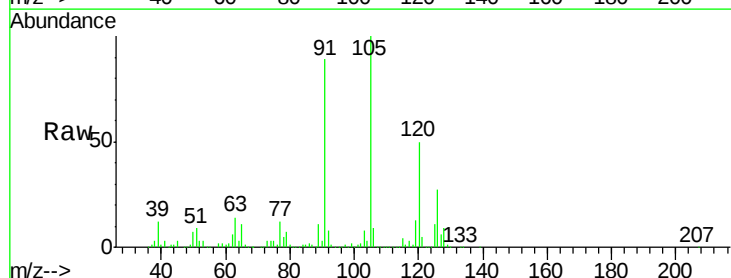
Acq: 10 Jul 2018 06:17

Tgt Ion: 105 Resp: 686476

Ion Ratio Lower Upper

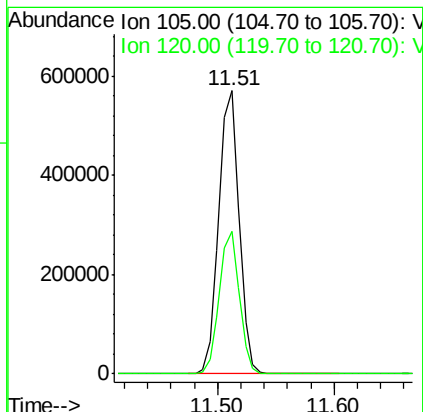
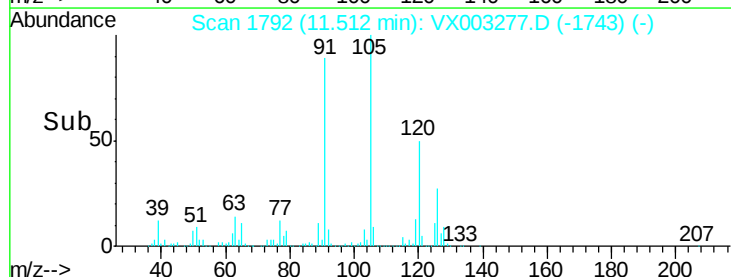
105 100

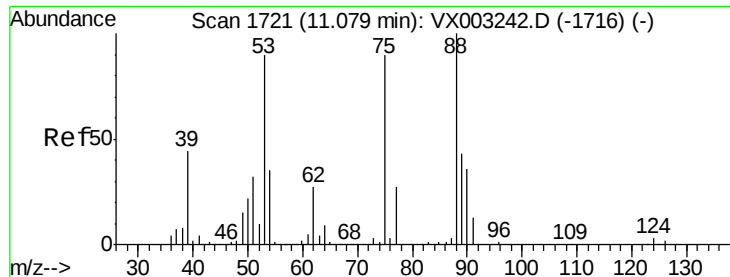
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003277.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003277.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

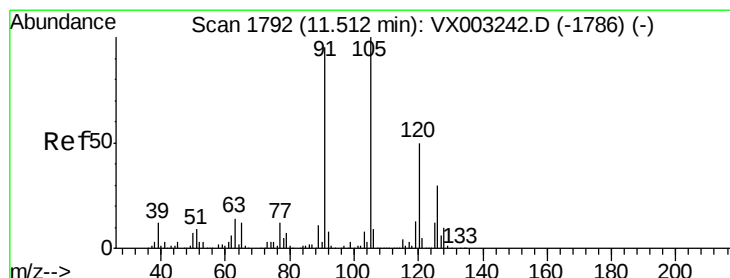
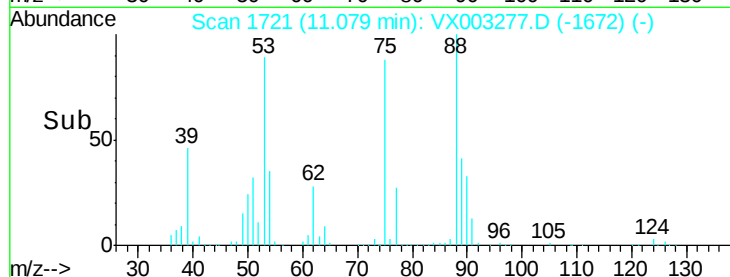
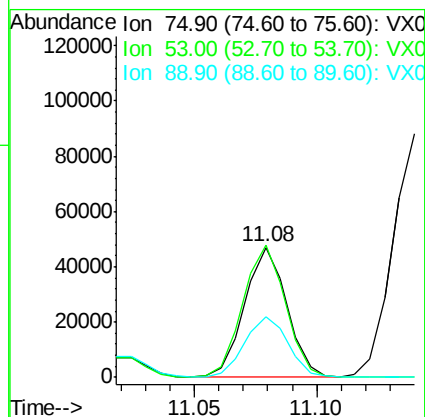
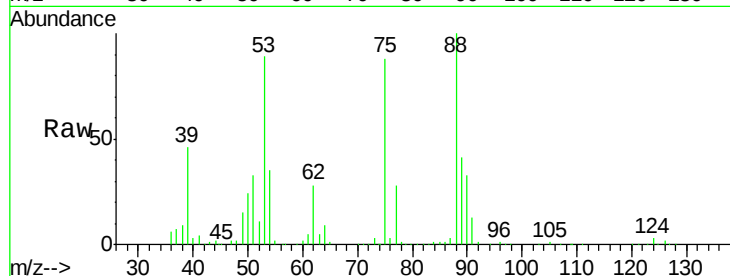
Tot Ion: 75 Resp: 56388

Ion Ratio Lower Upper

75 100

53 102.0 86.8 130.2

89 48.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 49.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003277.D

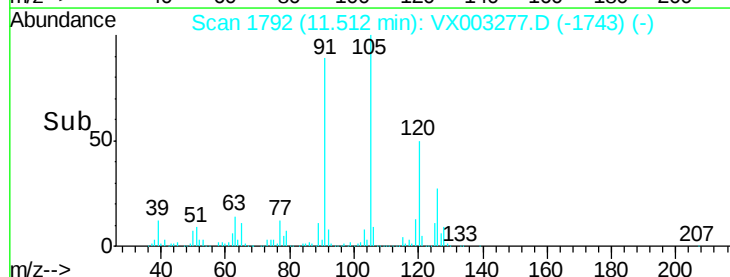
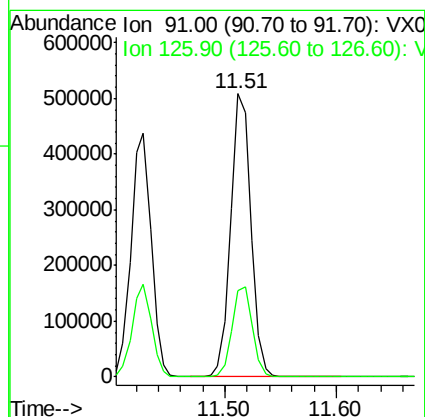
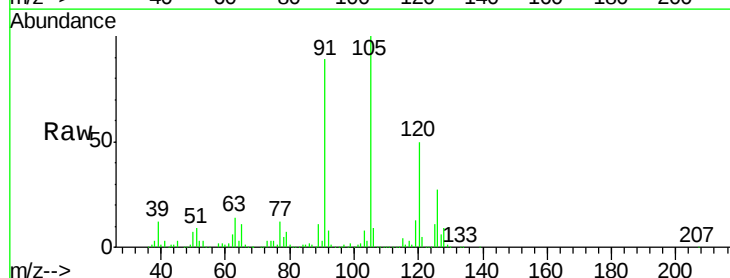
Acq: 10 Jul 2018 06:17

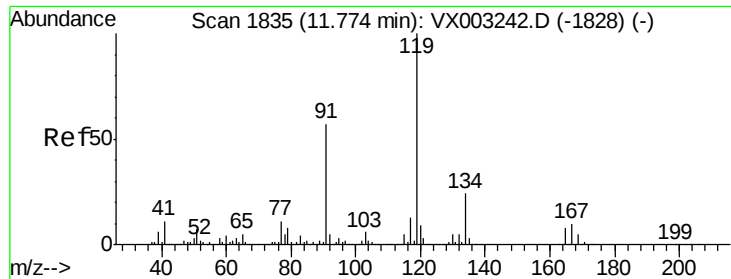
Tgt Ion: 91 Resp: 639826

Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.4

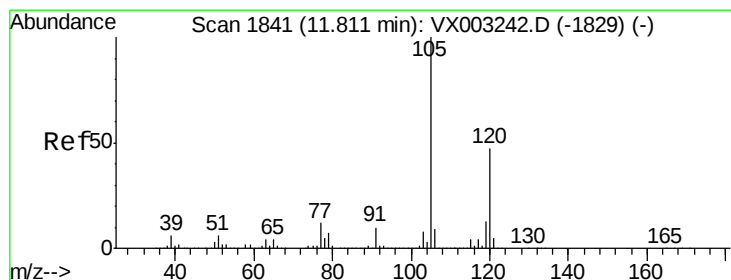
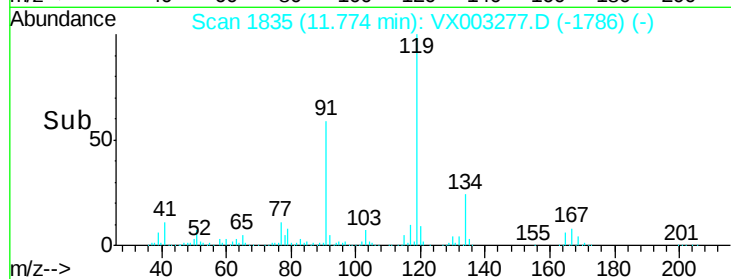
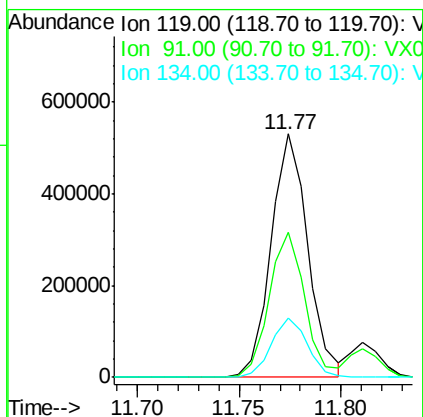
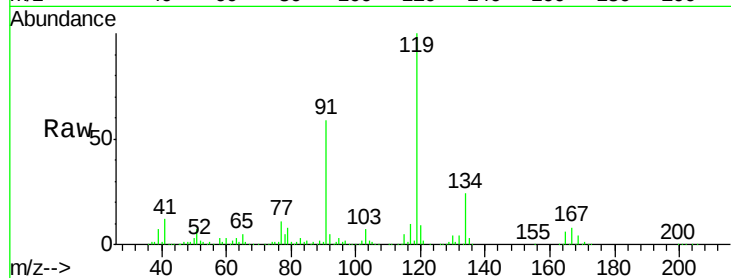




#83
 tert-Butylbenzene
 Concen: 48.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

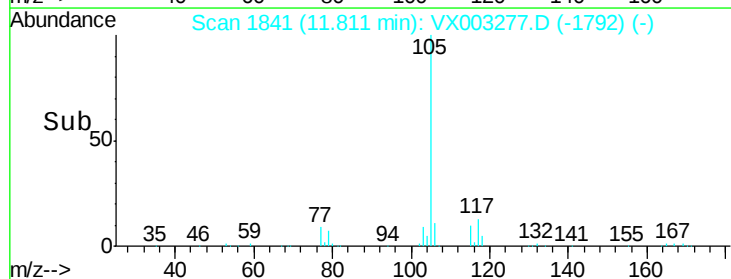
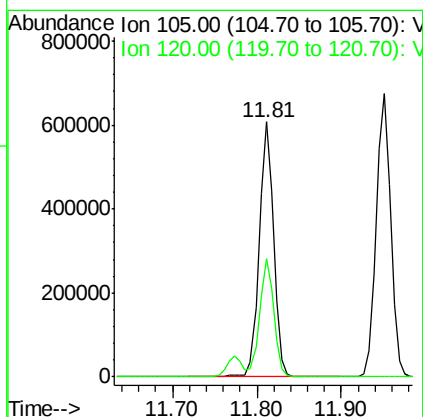
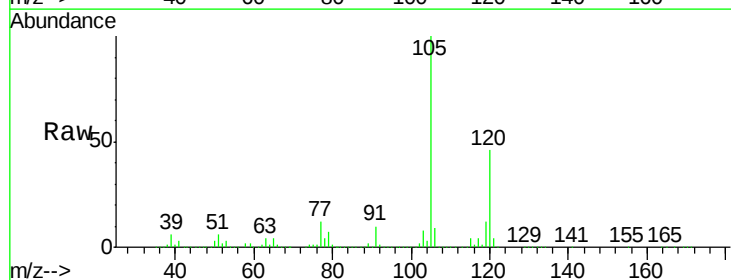
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

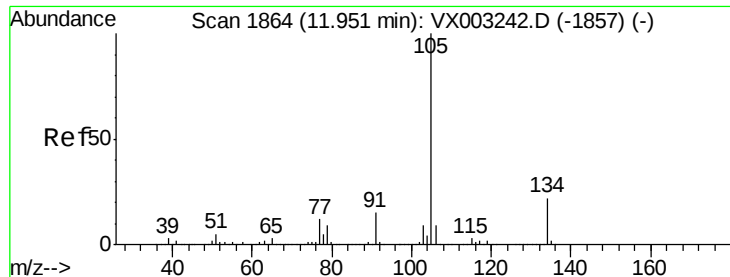
Tot Ion:119 Resp: 665928
 Ion Ratio Lower Upper
 119 100
 91 58.0 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.50 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003277.D
 Acq: 10 Jul 2018 06:17

Tgt Ion:105 Resp: 709176
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

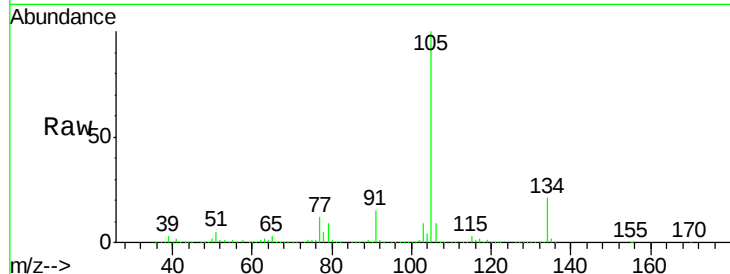
VSTDCCC050EC

Tot Ion:105 Resp: 808991

Ion Ratio Lower Upper

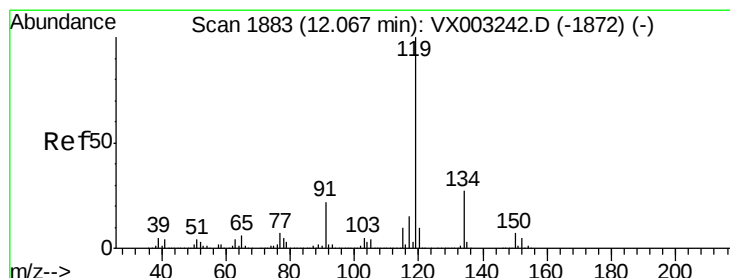
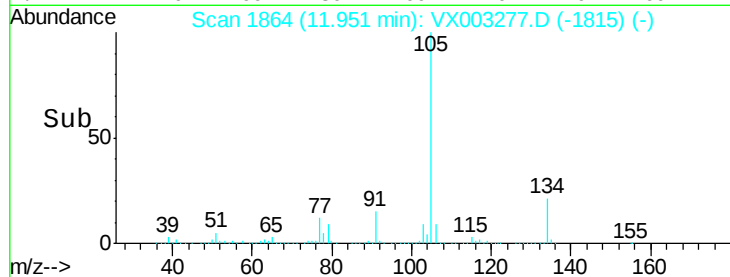
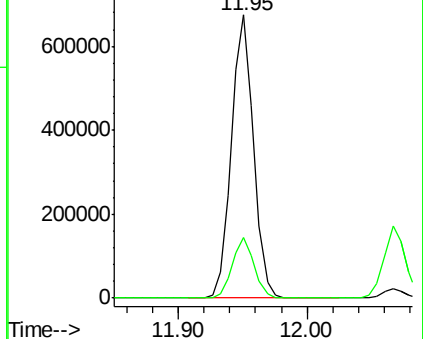
105 100

134 21.1 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: 49.77 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

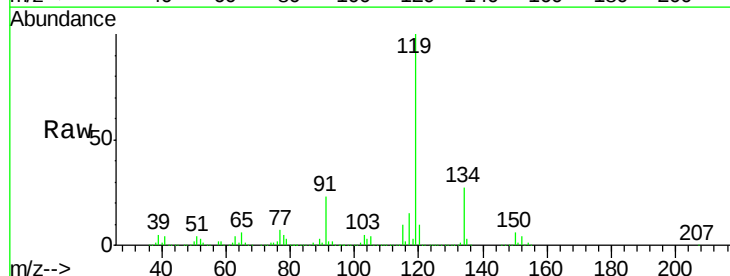
Tgt Ion:119 Resp: 734274

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

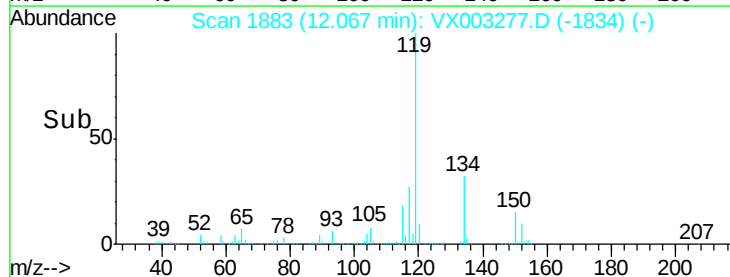
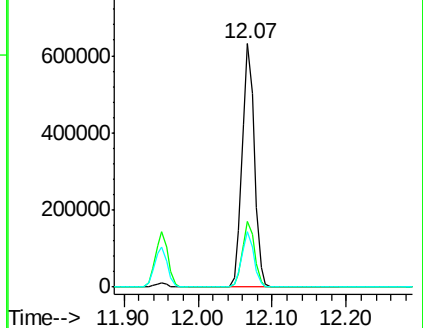
91 22.4 11.9 35.7

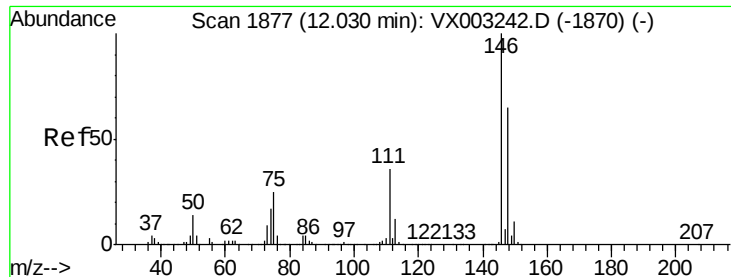


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.90 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

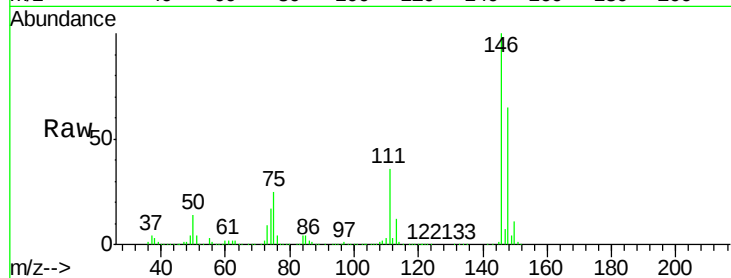
Tot Ion:146 Resp: 417843

Ion Ratio Lower Upper

146 100

111 36.2 18.9 56.7

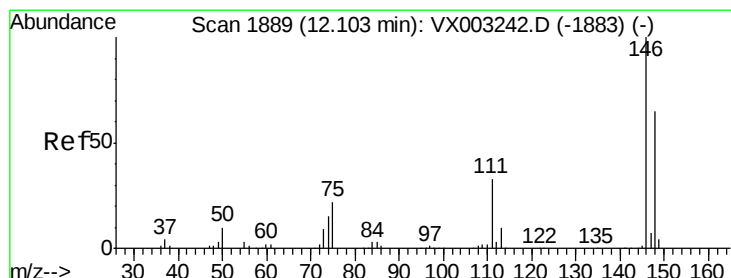
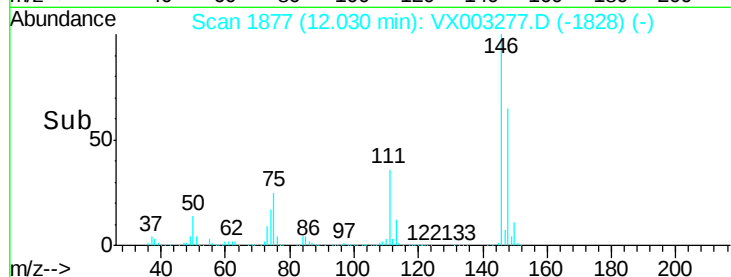
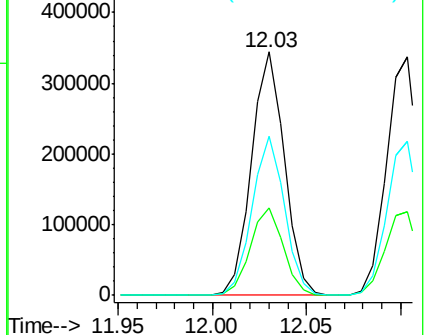
148 64.2 32.1 96.3



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: 47.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

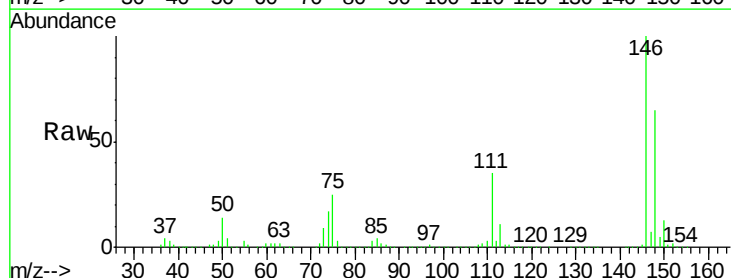
Tgt Ion:146 Resp: 420162

Ion Ratio Lower Upper

146 100

111 35.7 18.7 56.1

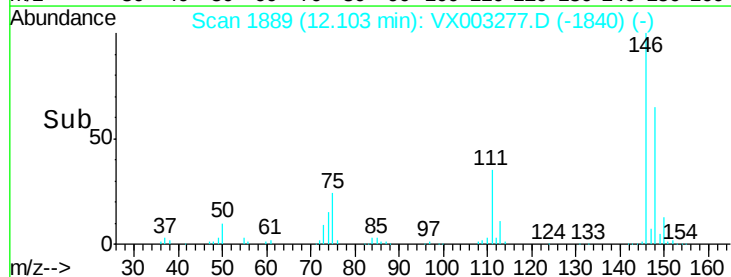
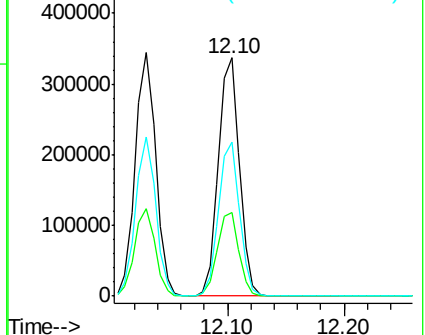
148 64.4 32.4 97.0

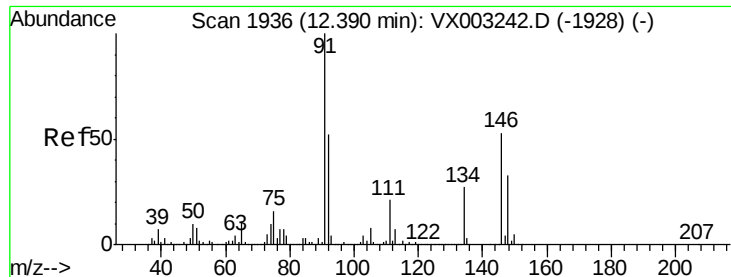


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

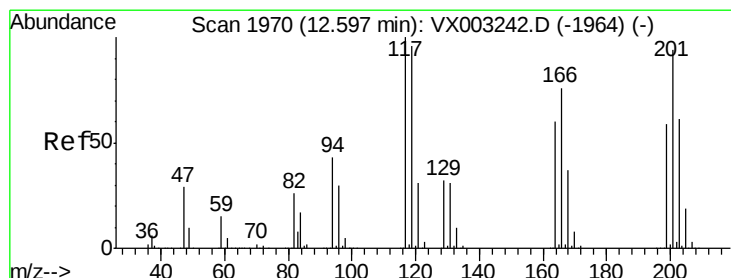
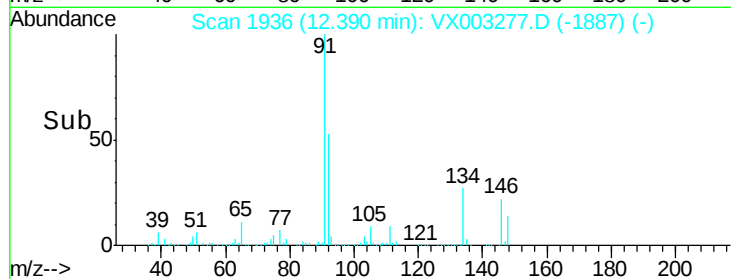
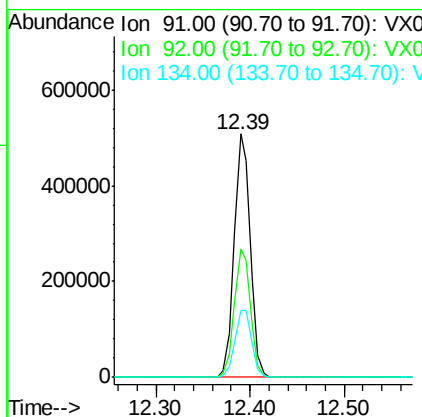
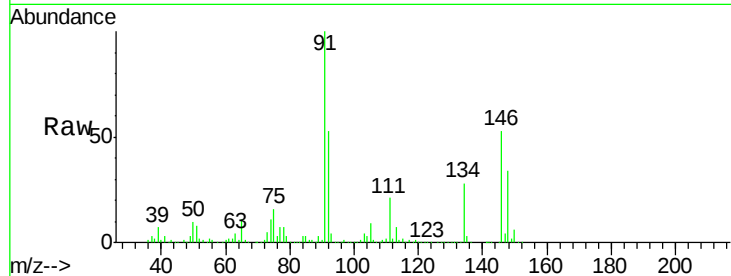




#89
n-Butylbenzene
Concen: 48.46 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

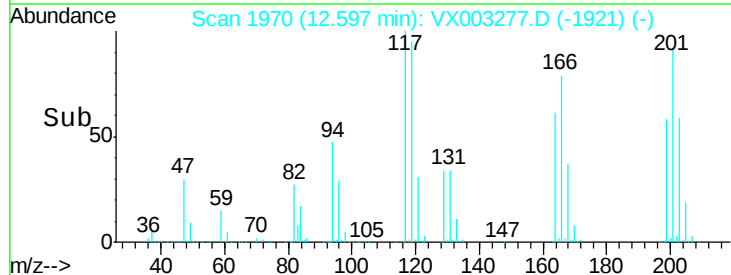
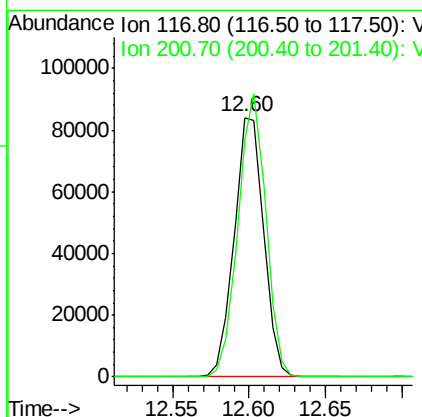
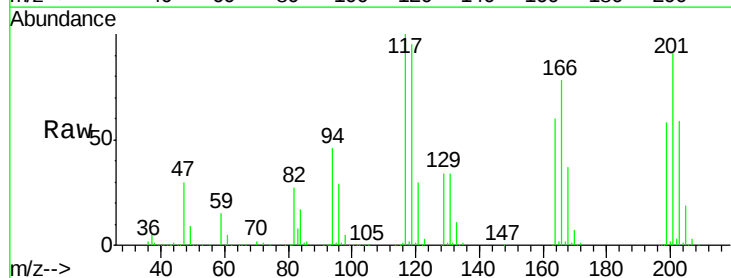
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

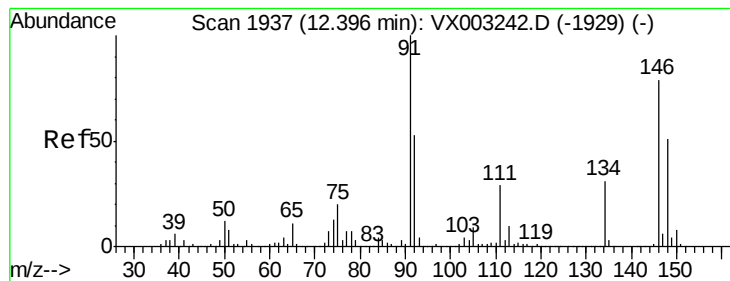
Tot Ion: 91 Resp: 597226
Ion Ratio Lower Upper
91 100
92 52.9 26.0 78.0
134 28.5 13.5 40.5



#90
Hexachloroethane
Concen: 49.82 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003277.D
Acq: 10 Jul 2018 06:17

Tgt Ion: 117 Resp: 112211
Ion Ratio Lower Upper
117 100
201 102.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 48.02 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

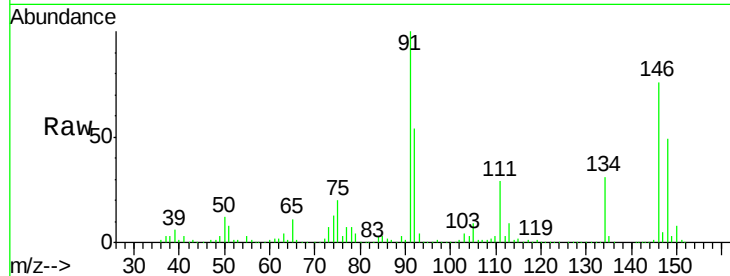
Tot Ion:146 Resp: 420600

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

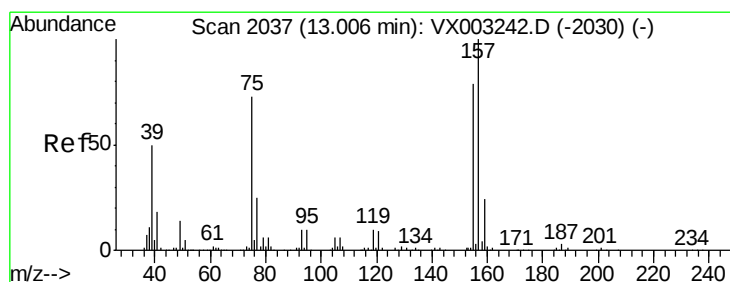
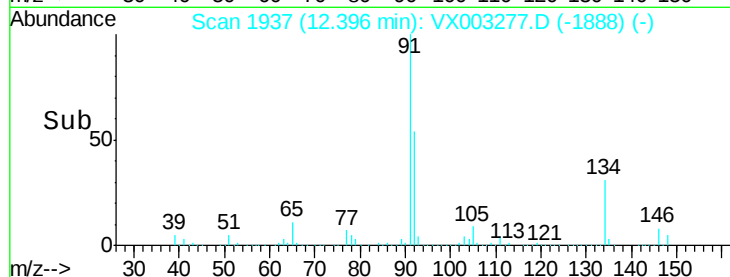
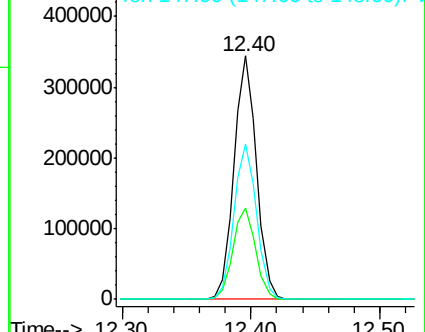
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.65 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

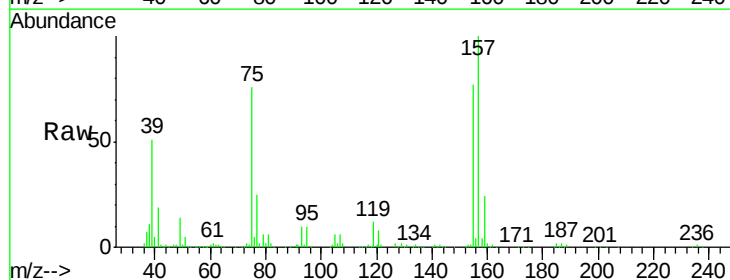
Tgt Ion: 75 Resp: 57711

Ion Ratio Lower Upper

75 100

155 98.8 45.8 137.4

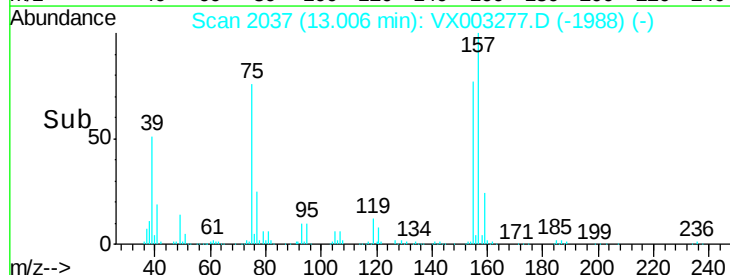
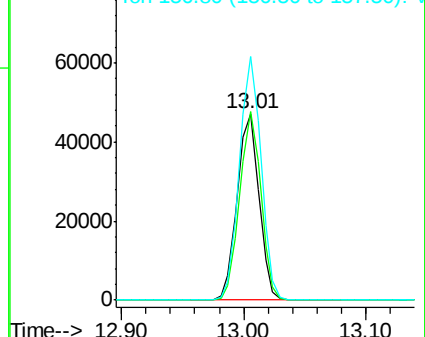
157 129.5 60.1 180.3

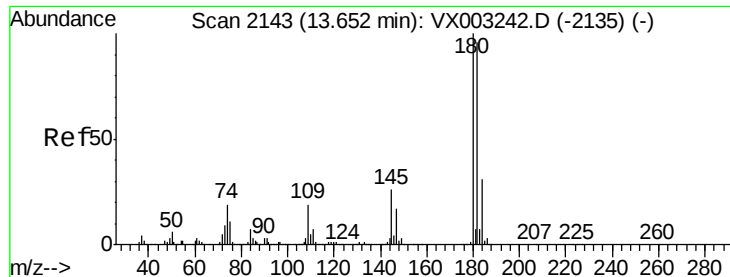


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 47.97 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

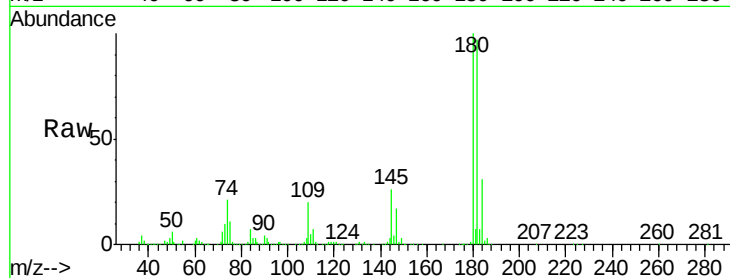
Tot Ion:180 Resp: 305785

Ion Ratio Lower Upper

180 100

182 97.1 47.7 143.1

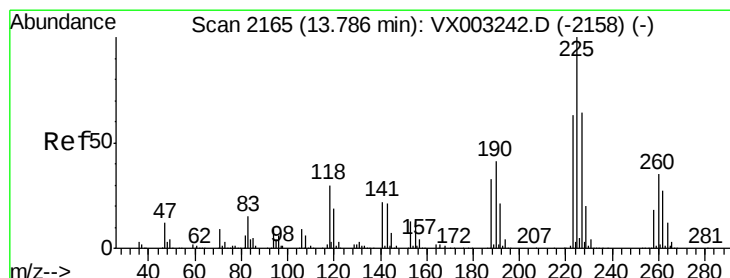
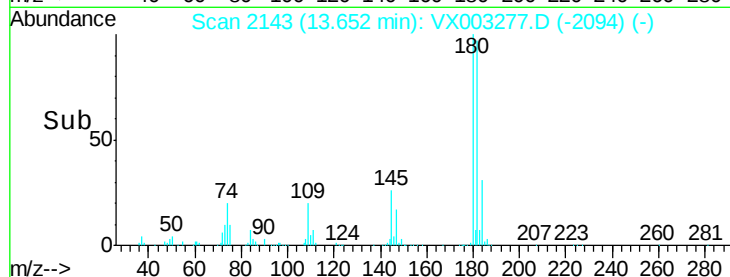
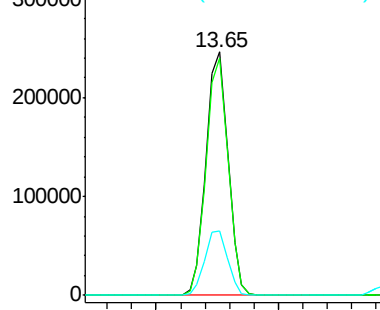
145 27.6 14.1 42.4



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: 46.71 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

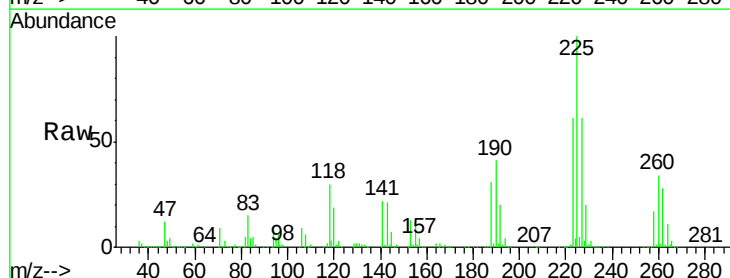
Tgt Ion:225 Resp: 148243

Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

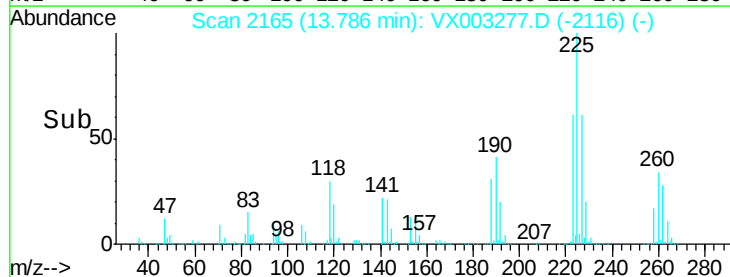
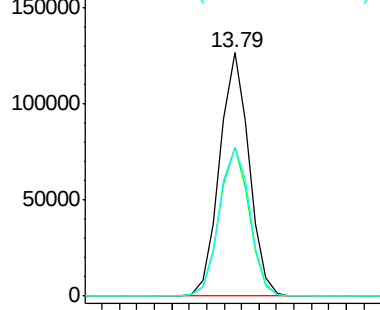
227 63.8 32.4 97.2

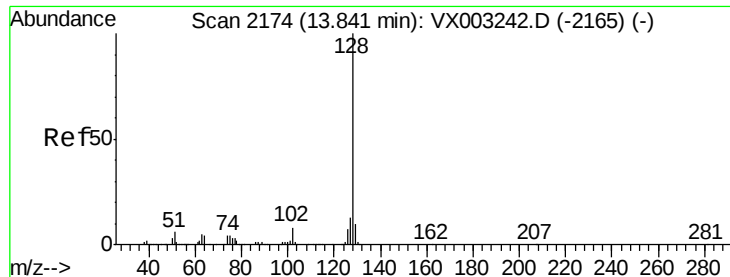


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

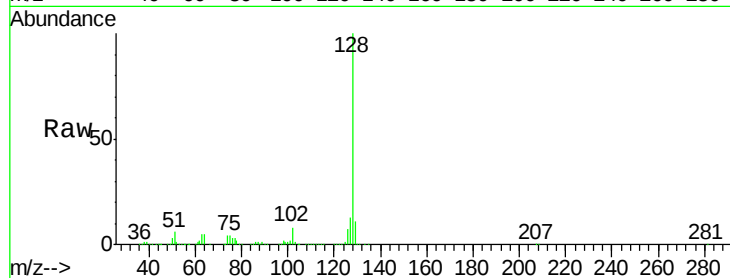
Tot Ion:128 Resp: 882433

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

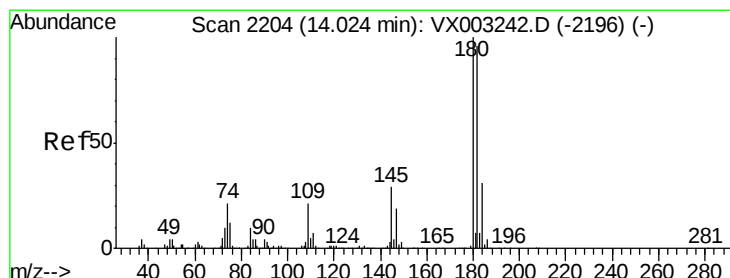
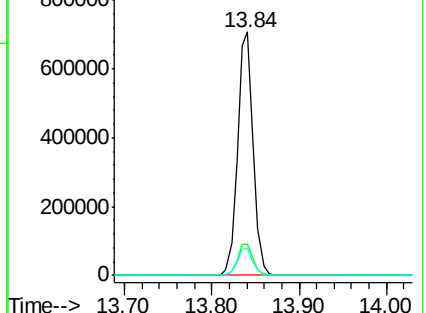
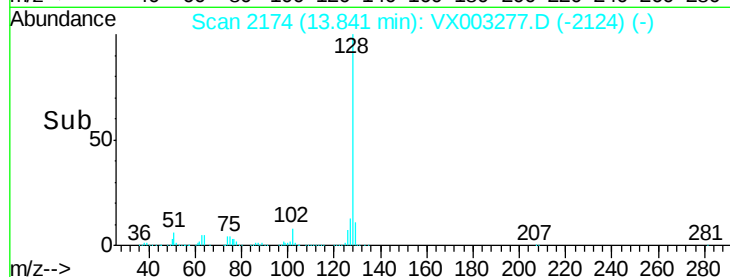
129 11.1 8.6 13.0



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: 50.95 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003277.D

Acq: 10 Jul 2018 06:17

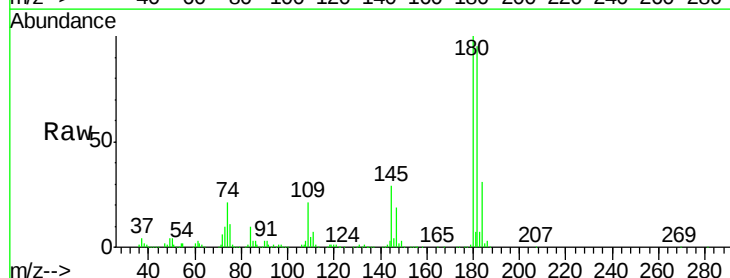
Tgt Ion:180 Resp: 323956

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.0 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

