

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003187.D
 Acq On : 05 Jul 2018 21:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 06 01:07:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	158764	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	
35) Dibromofluoromethane	5.51	113	135806	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
50) Toluene-d8	8.72	98	472111	43.60	ug/l	0.00
Spiked Amount			Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.14	95	185806	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	118866	49.26	ug/l	98
3) Chloromethane	1.32	50	123827	49.41	ug/l	99
4) Vinyl Chloride	1.40	62	138543	45.33	ug/l	99
5) Bromomethane	1.64	94	40332	27.02	ug/l	99
6) Chloroethane	1.71	64	88346	49.24	ug/l	100
7) Trichlorofluoromethane	1.92	101	219140	42.51	ug/l	96
8) Diethyl Ether	2.19	74	83011	44.29	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126195	42.25	ug/l	96
10) Methyl Iodide	2.51	142	100808	35.36	ug/l	97
11) Tert butyl alcohol	3.09	59	164880	221.58	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116438	43.69	ug/l	94
13) Acrolein	2.29	56	94818	230.19	ug/l	99
14) Allyl chloride	2.73	41	221790	42.22	ug/l	95
15) Acrylonitrile	3.15	53	365390	229.90	ug/l	99
16) Acetone	2.45	43	330114	213.41	ug/l	97
17) Carbon Disulfide	2.57	76	304581	42.89	ug/l	99
18) Methyl Acetate	2.78	43	183060	42.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	419146	43.75	ug/l	100
20) Methylene Chloride	2.86	84	132862	44.14	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	126589	43.61	ug/l	91
22) Diisopropyl ether	3.88	45	434812	43.30	ug/l	98
23) Vinyl Acetate	3.83	43	1896368	223.01	ug/l	98
24) 1,1-Dichloroethane	3.70	63	240455	44.05	ug/l	99
25) 2-Butanone	4.72	43	550069	239.61	ug/l	97
26) 2,2-Dichloropropane	4.59	77	140877	31.74	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	151232	46.47	ug/l	93
28) Bromochloromethane	5.02	49	124916	47.81	ug/l	91
29) Tetrahydrofuran	5.17	42	354865	241.05	ug/l	96
30) Chloroform	5.22	83	256881	45.86	ug/l	99
31) Cyclohexane	5.57	56	216398	46.20	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	227194	46.10	ug/l	99
36) 1,1-Dichloropropene	5.80	75	186293	45.37	ug/l	99
37) Ethyl Acetate	4.87	43	213094	48.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	205136	45.53	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214216	44.79	ug/l	97
40) Benzene	6.15	78	556136	46.61	ug/l	100
41) Methacrylonitrile	5.07	41	120513	47.34	ug/l	97
42) 1,2-Dichloroethane	6.20	62	209024	43.37	ug/l	99
43) Isopropyl Acetate	6.48	43	343851	46.37	ug/l	98
44) Trichloroethene	7.22	130	163580	45.99	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146217	46.20	ug/l	100
46) Dibromomethane	7.67	93	99917	45.49	ug/l	95
47) Bromodichloromethane	7.90	83	190530	46.93	ug/l	99
48) Methyl methacrylate	7.78	41	177996	46.59	ug/l	95
49) 1,4-Dioxane	7.76	88	71740	965.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1107160	238.66	ug/l	97
52) Toluene	8.79	92	358350	46.89	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	215042	46.77	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	197448	44.63	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	148445	47.27	ug/l	97
56) Ethyl methacrylate	9.18	69	225444	49.12	ug/l	93
57) 1,3-Dichloropropane	9.38	76	240409	46.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	556655	251.38	ug/l	97
59) 2-Hexanone	9.50	43	847896	240.49	ug/l	96
60) Dibromochloromethane	9.59	129	159992	48.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157495	47.81	ug/l	99
64) Tetrachloroethene	9.34	164	194387	49.24	ug/l	97
65) Chlorobenzene	10.14	112	415883	46.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156572	47.79	ug/l	99
67) Ethyl Benzene	10.26	91	696084	46.72	ug/l	100
68) m/p-Xylenes	10.36	106	547841	95.42	ug/l	97
69) o-Xylene	10.70	106	264948	47.39	ug/l	97
70) Styrene	10.71	104	444552	48.94	ug/l	98
71) Bromoform	10.86	173	129423	44.21	ug/l	100
73) Isopropylbenzene	11.02	105	716592	46.51	ug/l	100
74) N-amyl acetate	6.48	43	343851	45.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219431	46.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248216	59.83	ug/l	80
77) Bromobenzene	11.26	156	199989	45.58	ug/l	96
78) n-propylbenzene	11.37	91	803319	45.81	ug/l	98
79) 2-Chlorotoluene	11.43	91	478788	45.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	602928	46.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53930	38.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	559763	44.53	ug/l	98
83) tert-Butylbenzene	11.77	119	590723	46.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	617363	45.92	ug/l	98
85) sec-Butylbenzene	11.95	105	712546	45.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	657144	47.11	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	367888	45.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	371845	45.09	ug/l	99
89) n-Butylbenzene	12.39	91	532098	43.83	ug/l	99
90) Hexachloroethane	12.60	117	97016	46.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	371363	45.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51641	48.40	ug/l	88

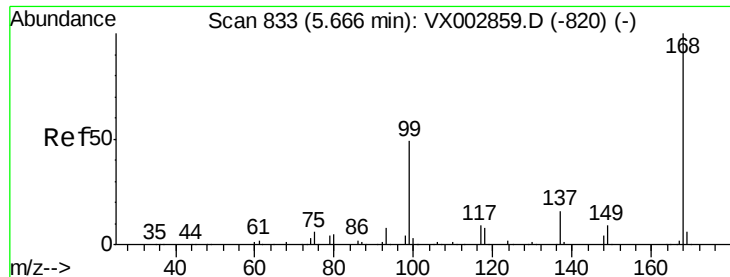
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280345	47.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	131156	44.68	ug/l	100
95) Naphthalene	13.83	128	805867	51.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284634	48.41	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

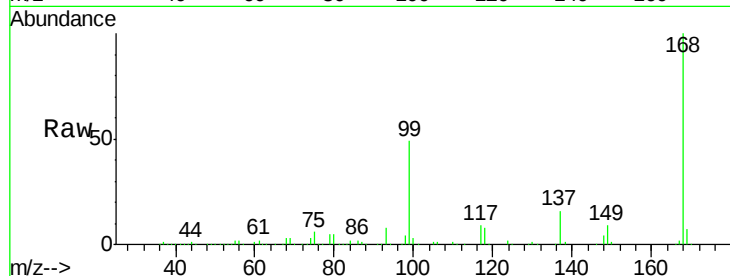
VSTDCCC050EC

Tot Ion:168 Resp: 270241

Ion Ratio Lower Upper

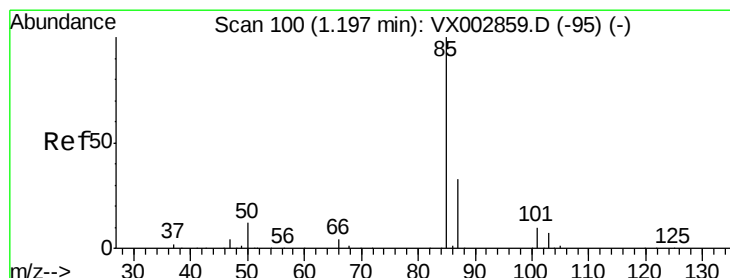
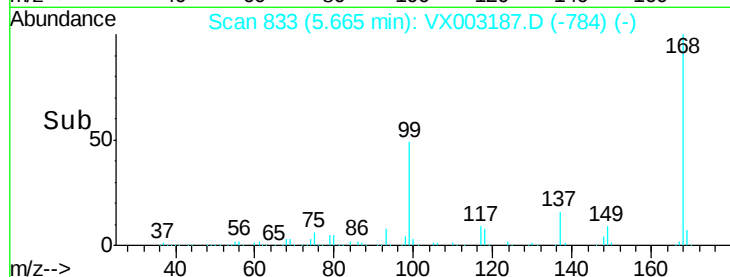
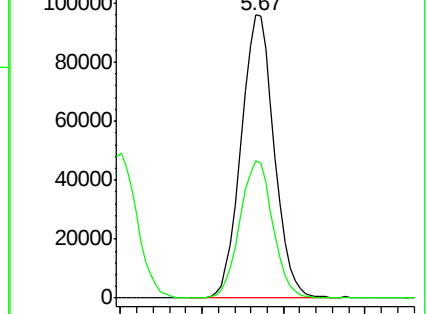
168 100

99 48.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003187.D

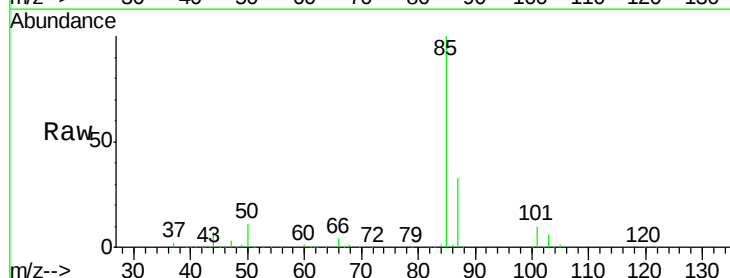
Acq: 05 Jul 2018 21:54

Tgt Ion: 85 Resp: 118866

Ion Ratio Lower Upper

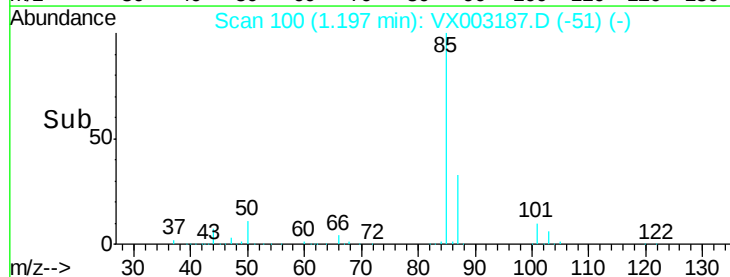
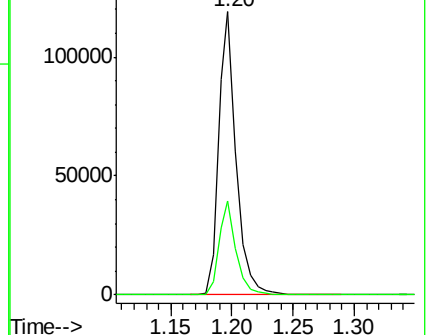
85 100

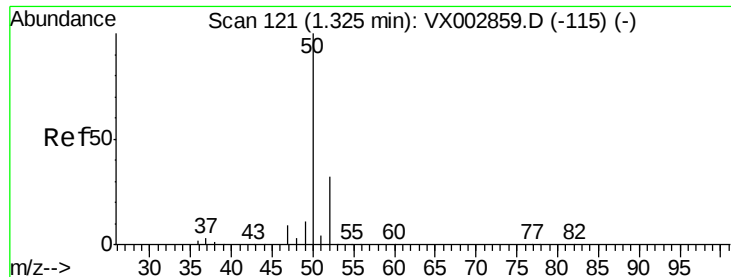
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

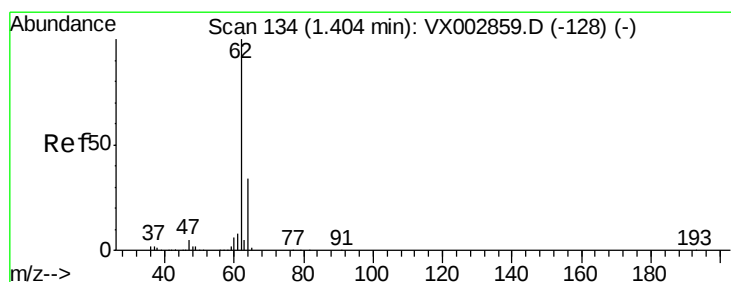
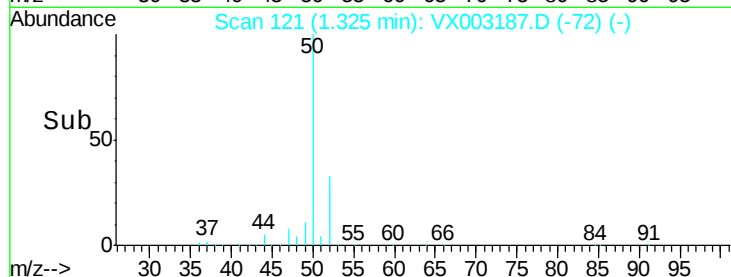
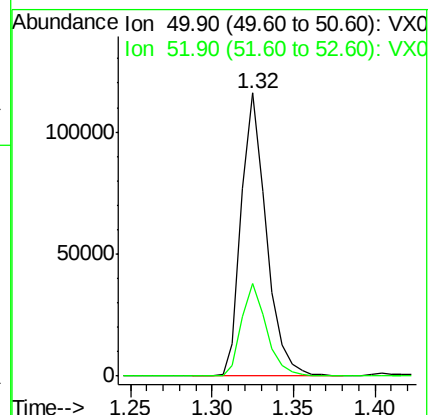
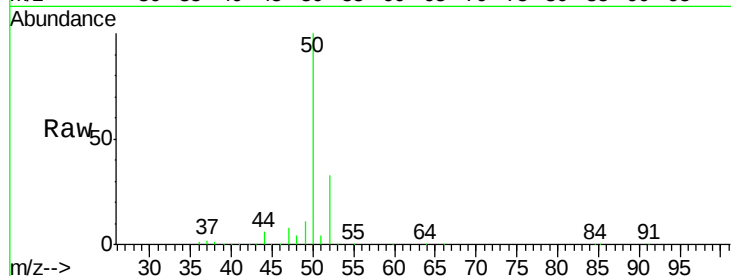
VSTDCCC050EC

Tot Ion: 50 Resp: 123827

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 45.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003187.D

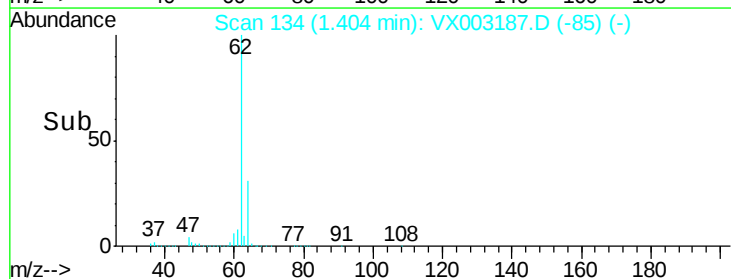
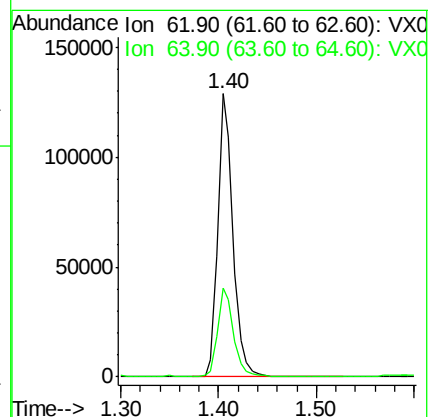
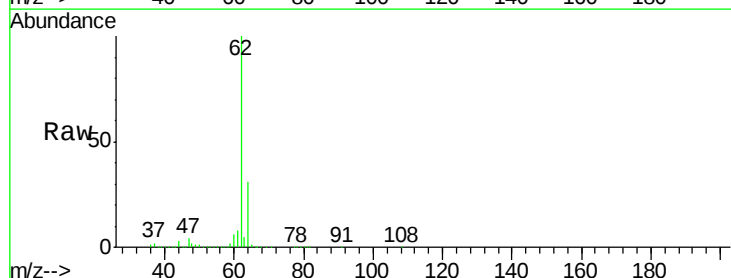
Acq: 05 Jul 2018 21:54

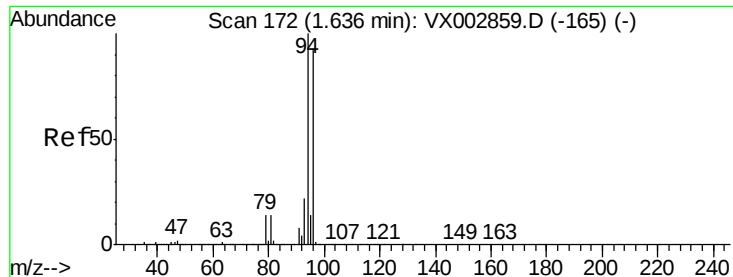
Tgt Ion: 62 Resp: 138543

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 27.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

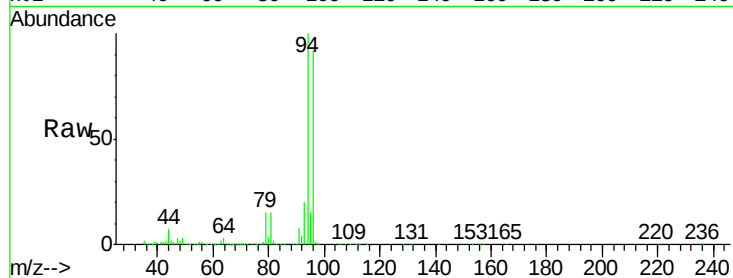
VSTDCCC050EC

Tot Ion: 94 Resp: 40332

Ion Ratio Lower Upper

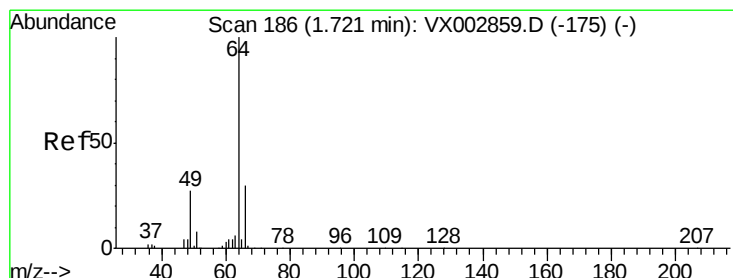
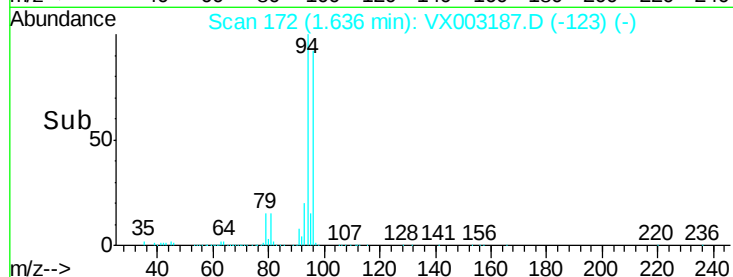
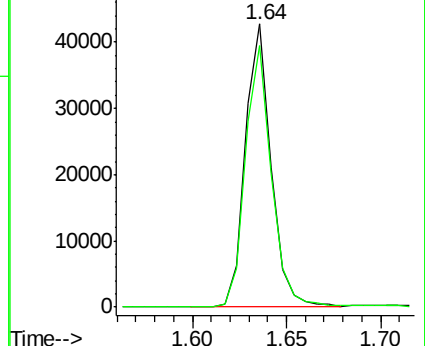
94 100

96 92.5 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: 49.24 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003187.D

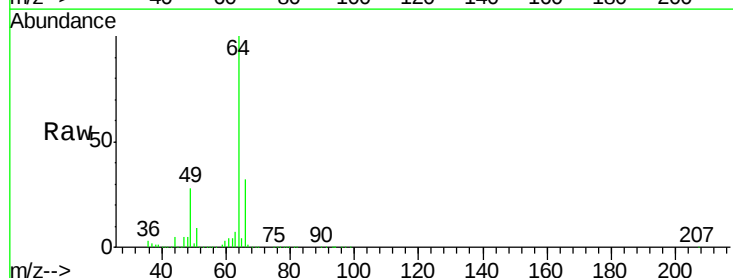
Acq: 05 Jul 2018 21:54

Tgt Ion: 64 Resp: 88346

Ion Ratio Lower Upper

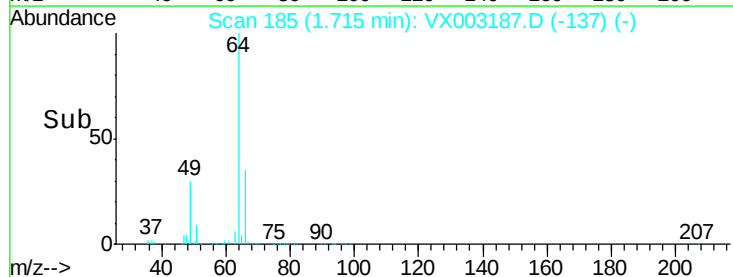
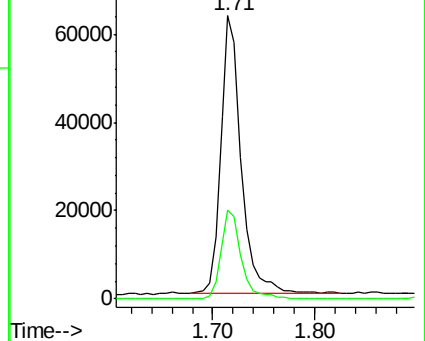
64 100

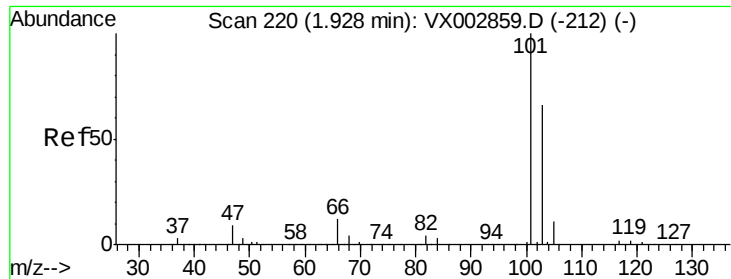
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



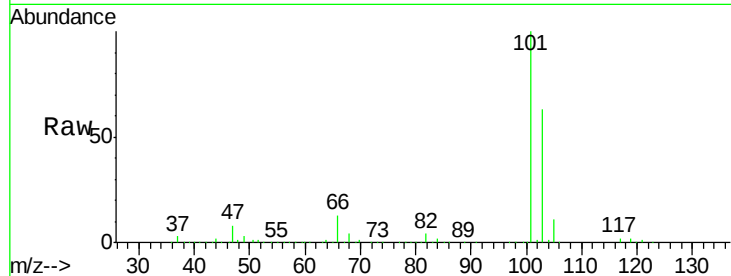


#7

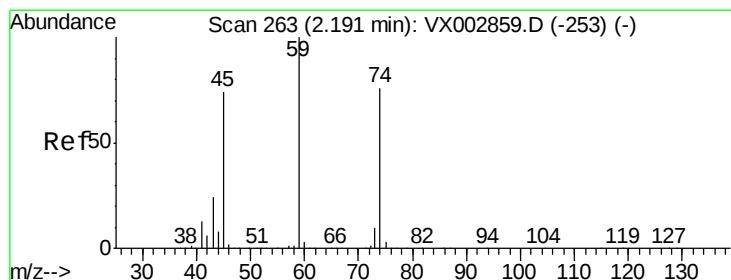
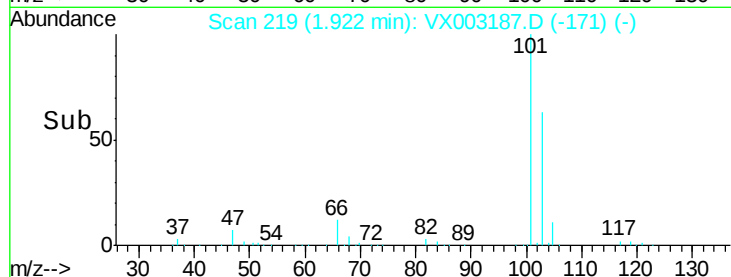
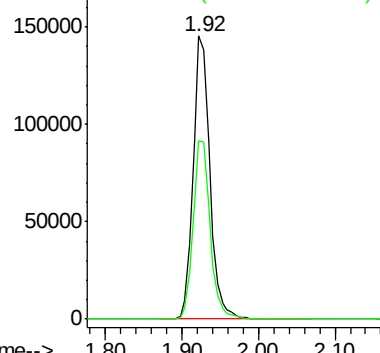
Trichlorofluoromethane
 Concen: 42.51 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 219140
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.8 79.2



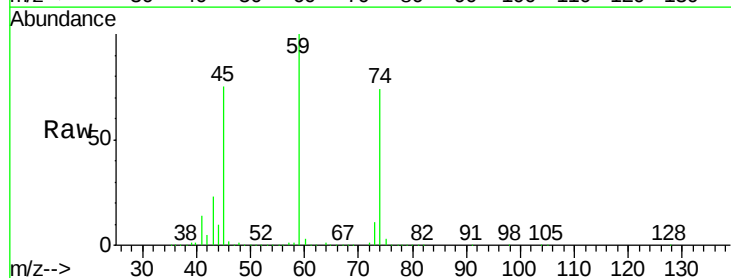
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



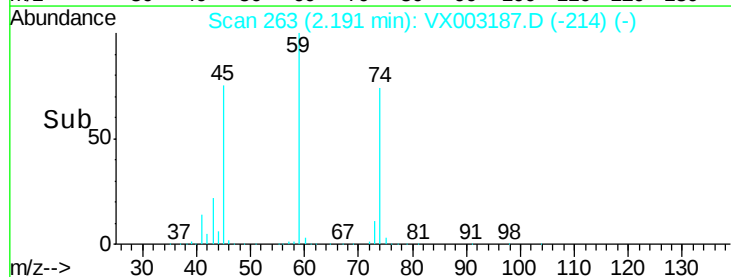
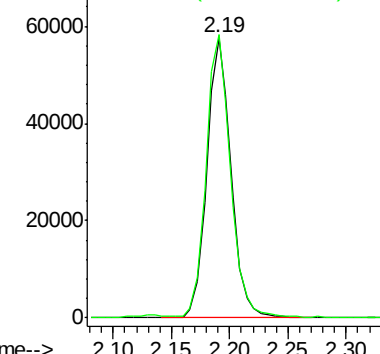
#8

Diethyl Ether
 Concen: 44.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 74 Resp: 83011
 Ion Ratio Lower Upper
 74 100
 45 101.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.25 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

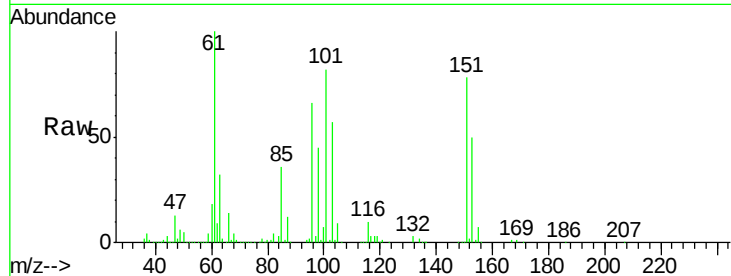
Tot Ion:101 Resp: 126195

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

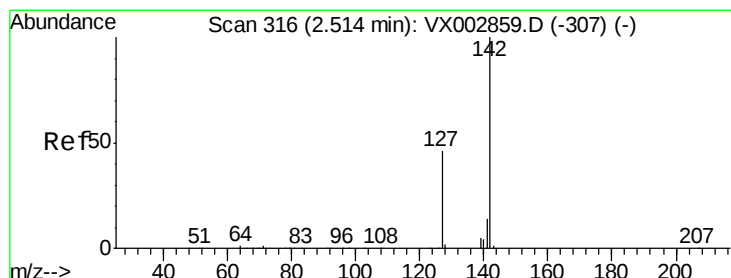
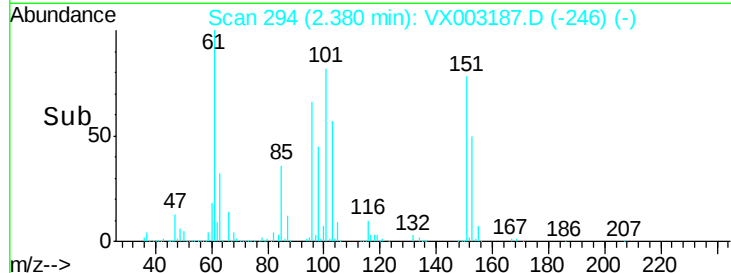
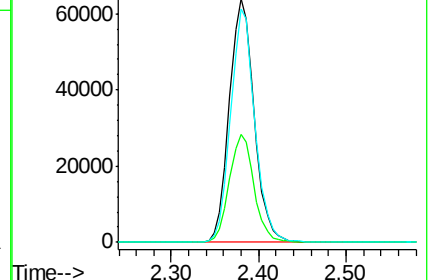
151 93.3 70.9 106.3



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: 35.36 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

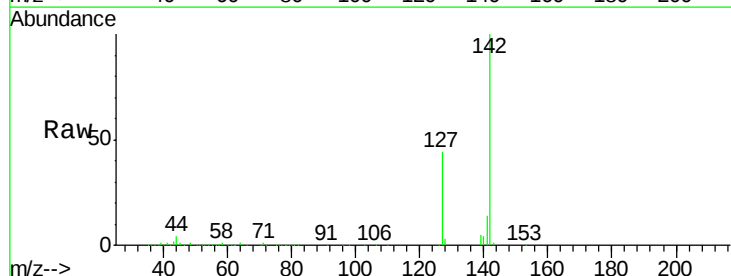
Tgt Ion:142 Resp: 100808

Ion Ratio Lower Upper

142 100

127 43.7 36.6 55.0

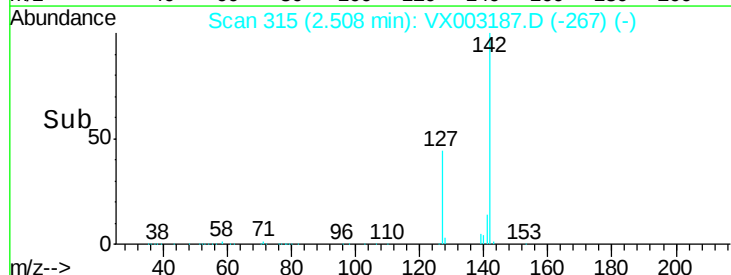
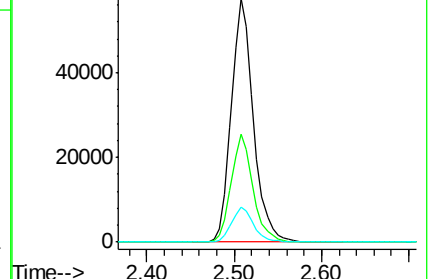
141 14.5 11.3 16.9

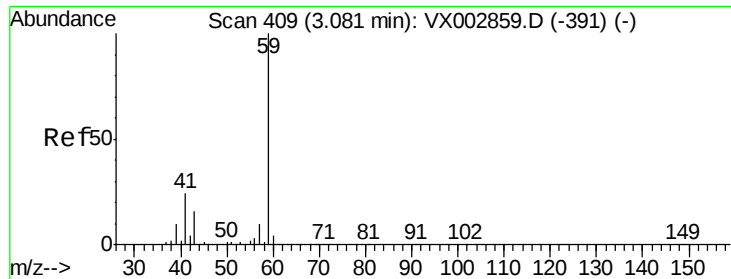


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



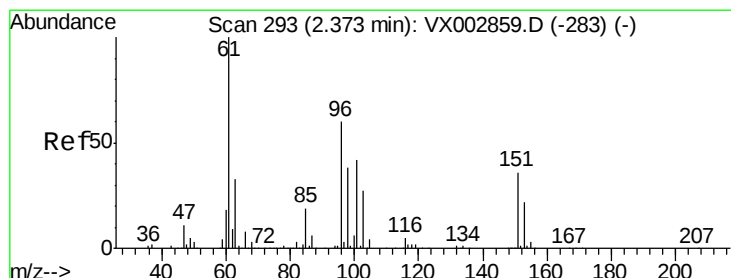
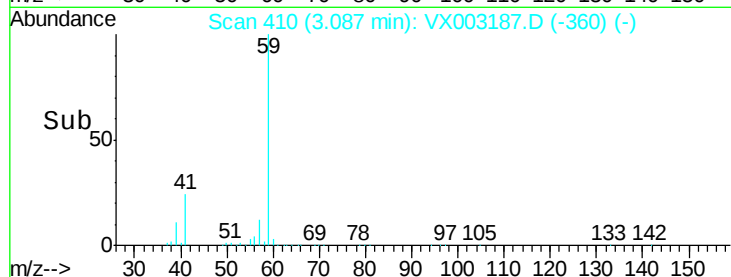
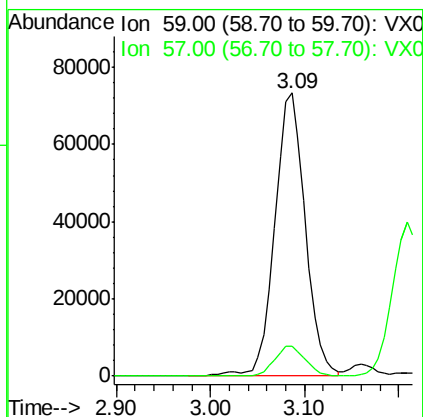
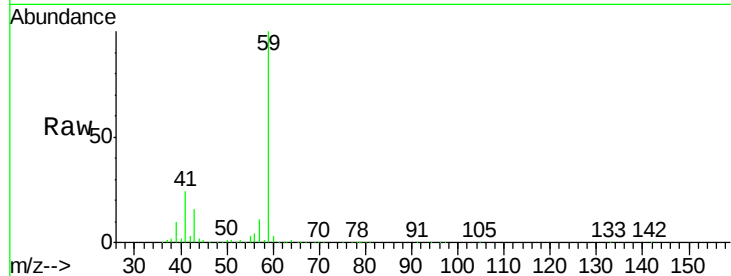


#11

Tert butyl alcohol
 Concen: 221.58 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

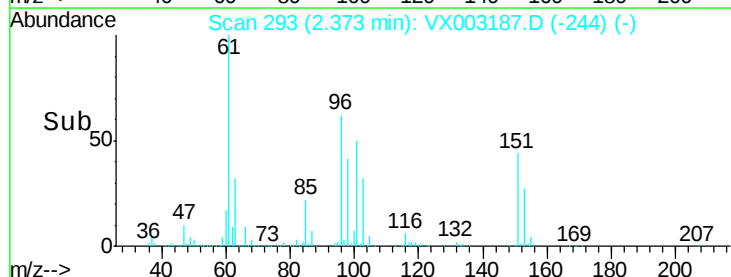
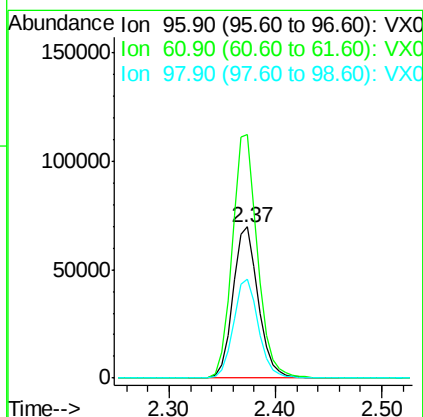
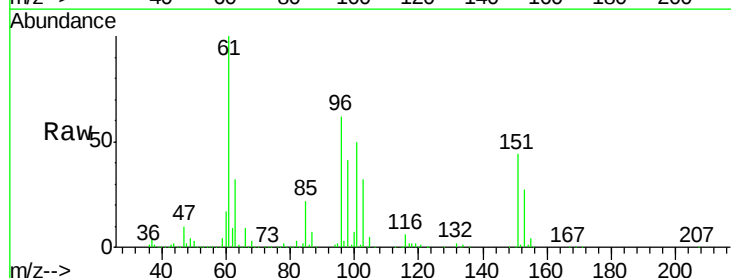
Tot Ion: 59 Resp: 164880
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 43.69 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 96 Resp: 116438
 Ion Ratio Lower Upper
 96 100
 61 161.3 137.9 206.9
 98 65.3 51.6 77.4





#13

Acrolein

Concen: 230.19 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

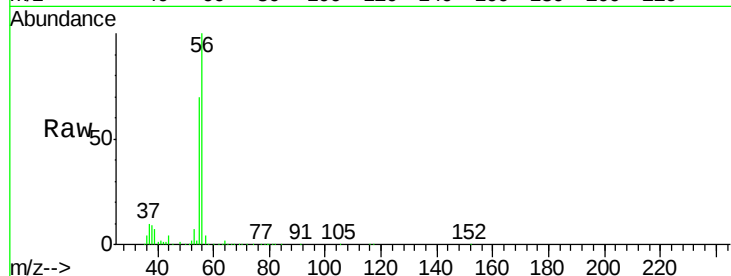
VSTDCCC050EC

Tot Ion: 56 Resp: 94818

Ion Ratio Lower Upper

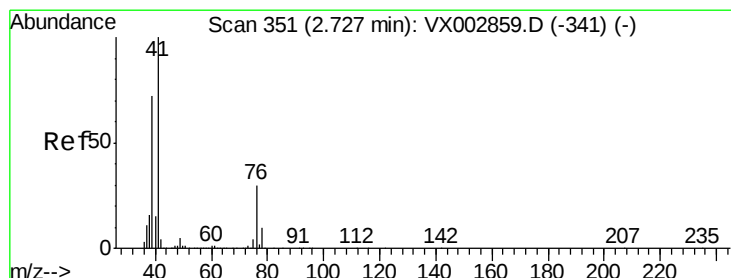
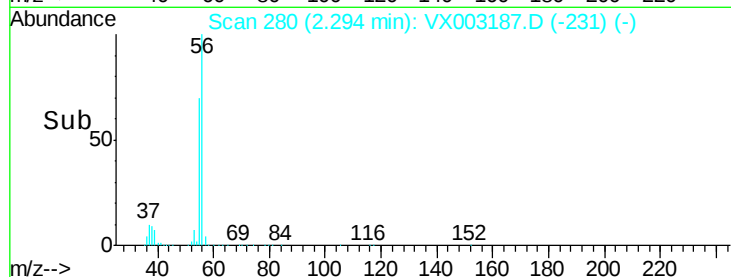
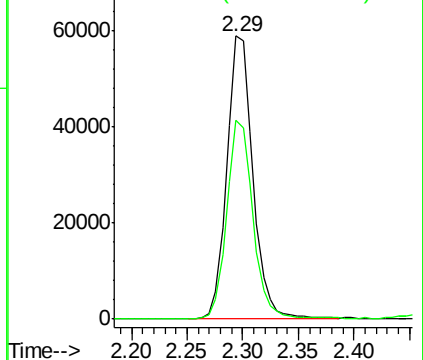
56 100

55 70.5 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

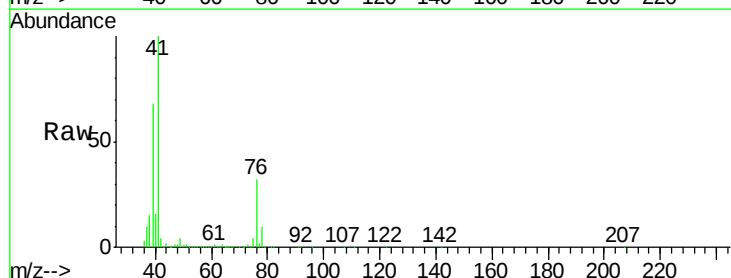
Tgt Ion: 41 Resp: 221790

Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

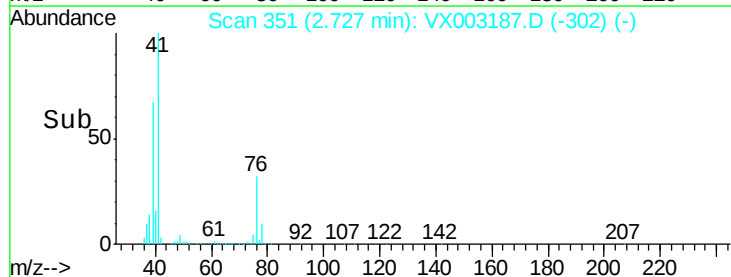
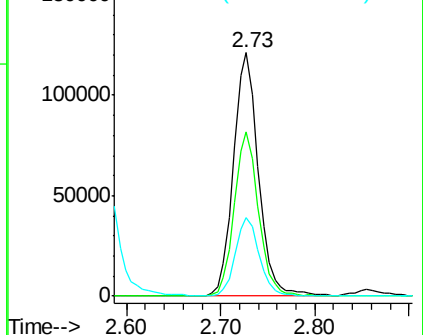
76 30.9 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 229.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

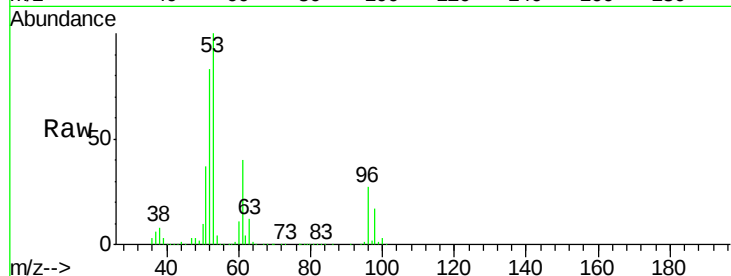
Tot Ion: 53 Resp: 365390

Ion Ratio Lower Upper

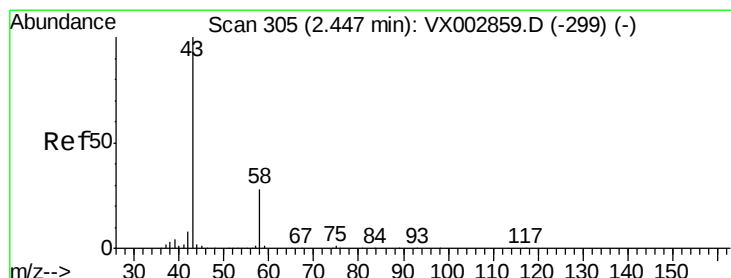
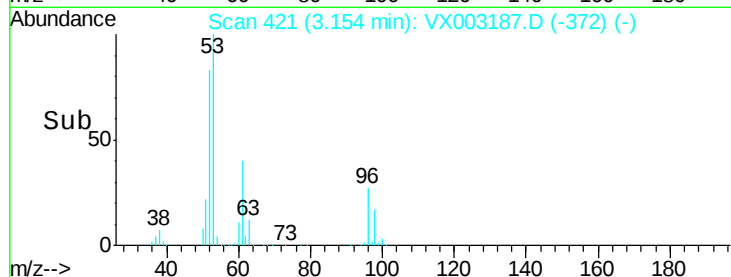
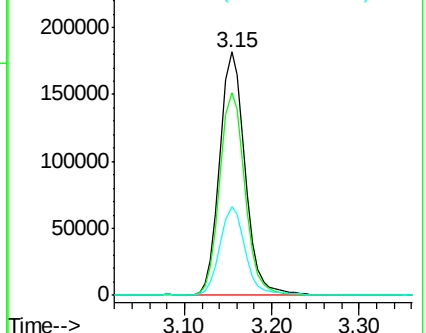
53 100

52 83.2 66.7 100.1

51 36.5 29.9 44.9



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



#16

Acetone

Concen: 213.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003187.D

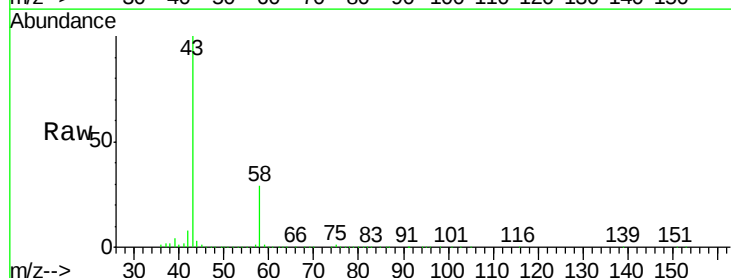
Acq: 05 Jul 2018 21:54

Tgt Ion: 43 Resp: 330114

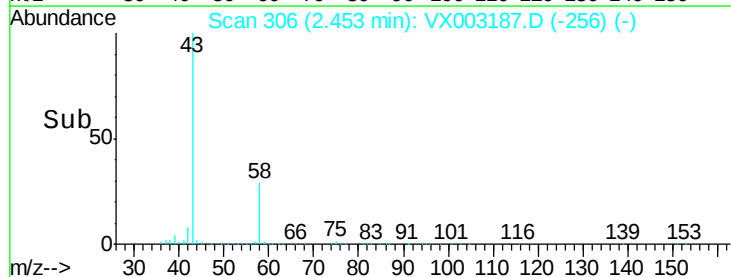
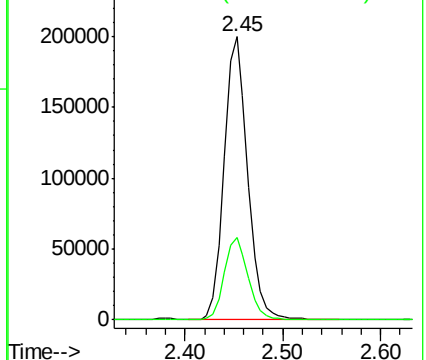
Ion Ratio Lower Upper

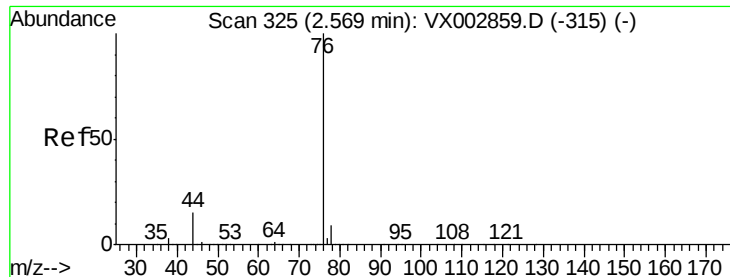
43 100

58 29.3 22.1 33.1



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

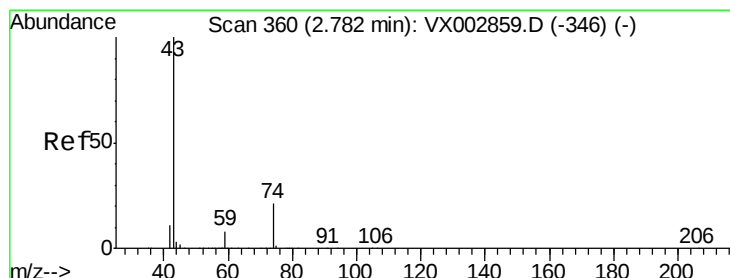
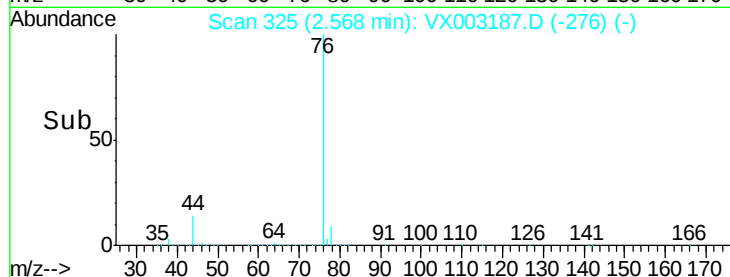
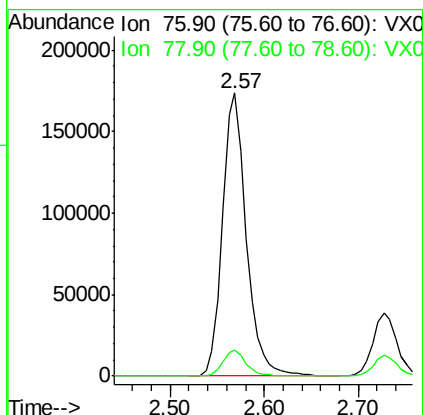
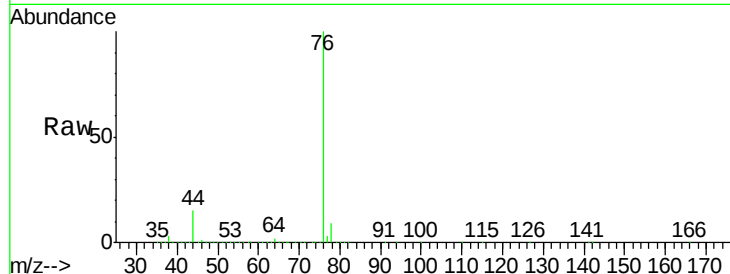




#17
Carbon Disulfide
Concen: 42.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

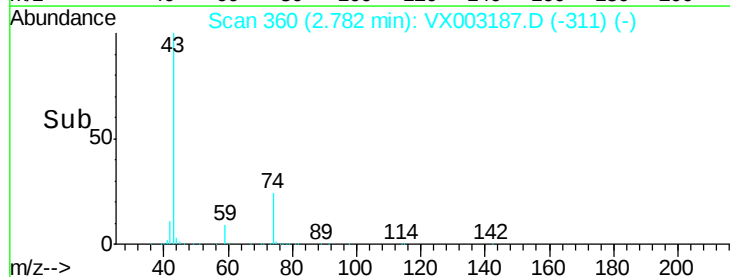
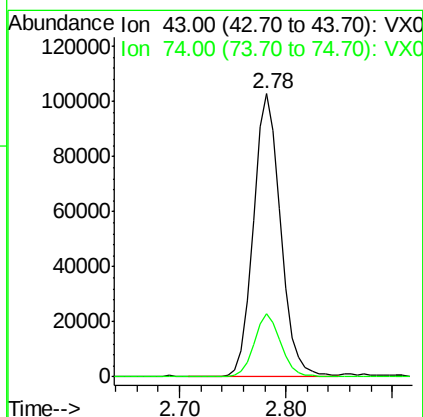
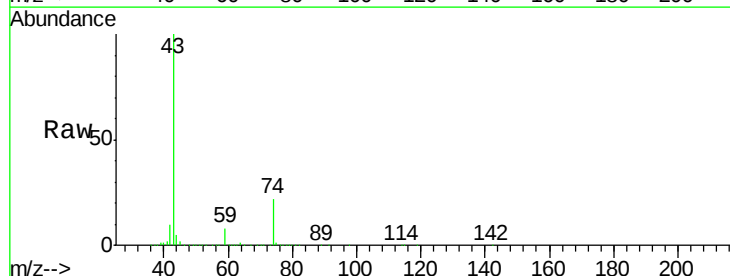
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

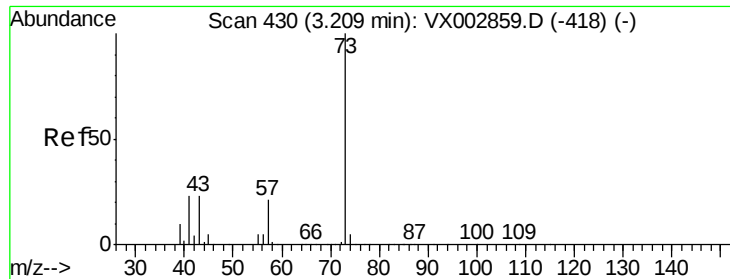
Tot Ion: 76 Resp: 304581
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 42.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 43 Resp: 183060
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1

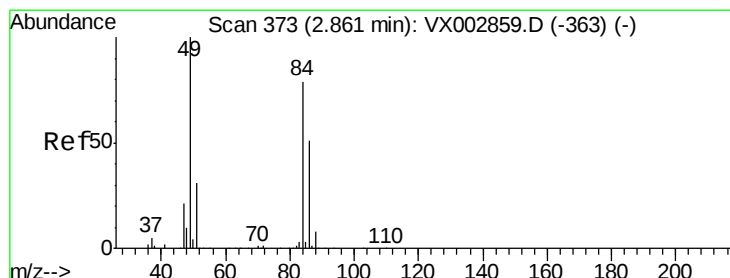
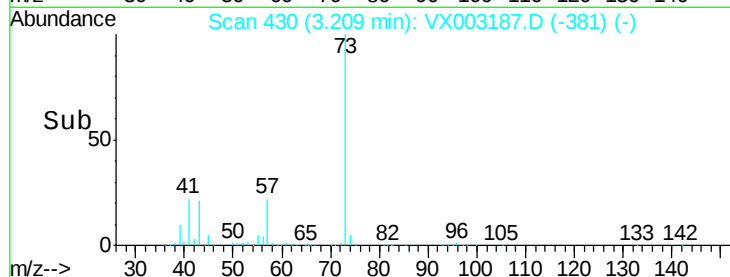
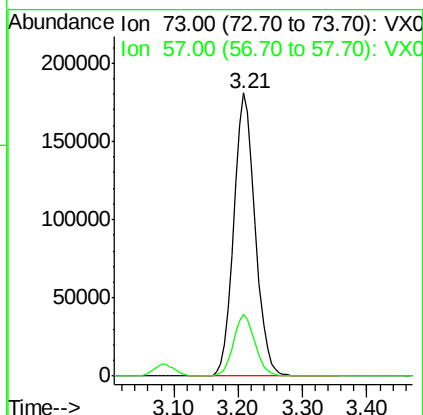
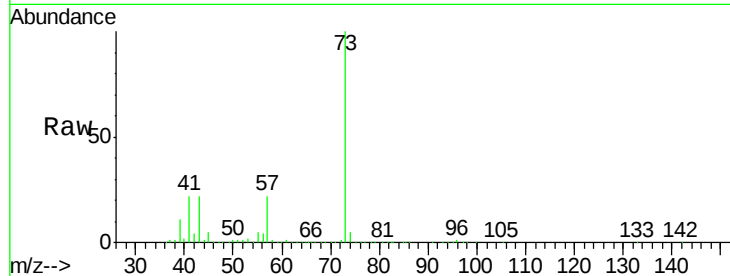




#19
Methvl tert-butvl Ether
Concen: 43.75 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

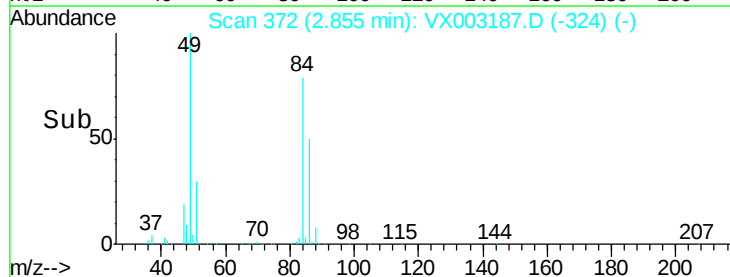
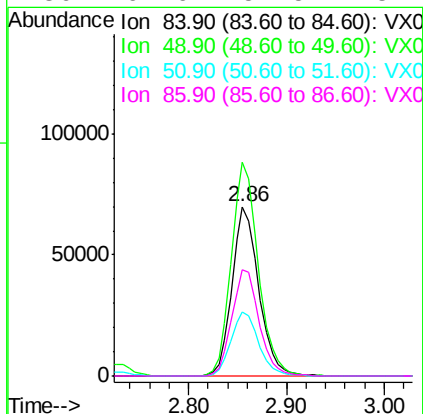
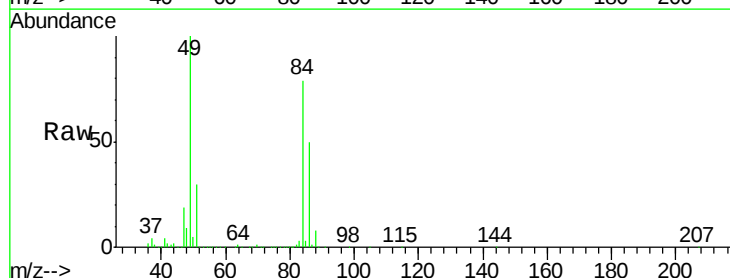
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 419146
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 44.14 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 84 Resp: 132862
Ion Ratio Lower Upper
84 100
49 126.3 107.8 161.6
51 37.9 32.8 49.2
86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 43.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

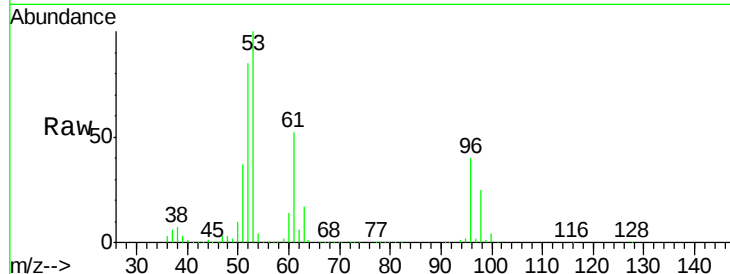
Tot Ion: 96 Resp: 126589

Ion Ratio Lower Upper

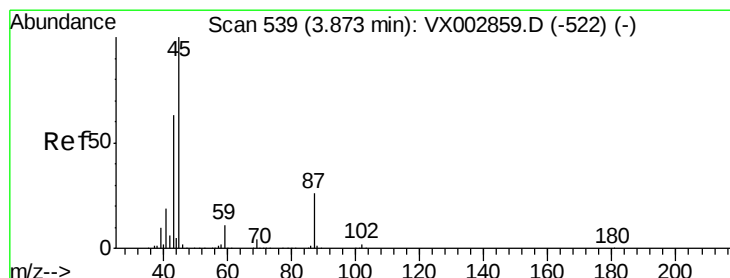
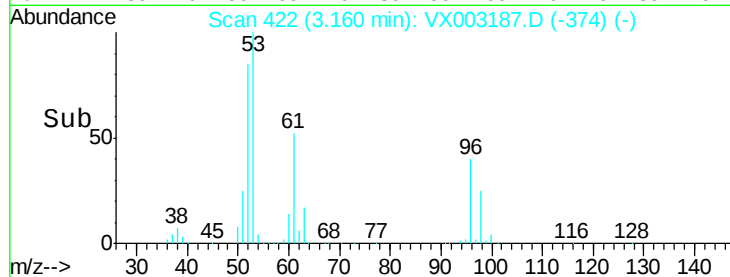
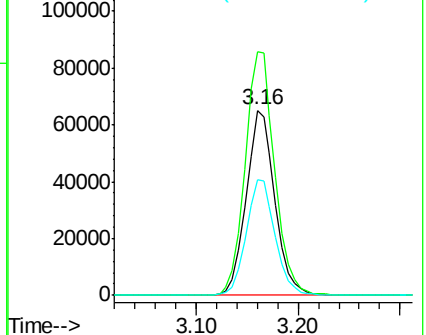
96 100

61 131.4 117.0 175.4

98 62.6 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: 43.30 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion: 45 Resp: 434812

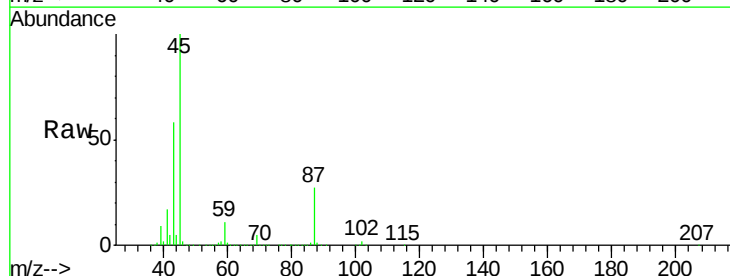
Ion Ratio Lower Upper

45 100

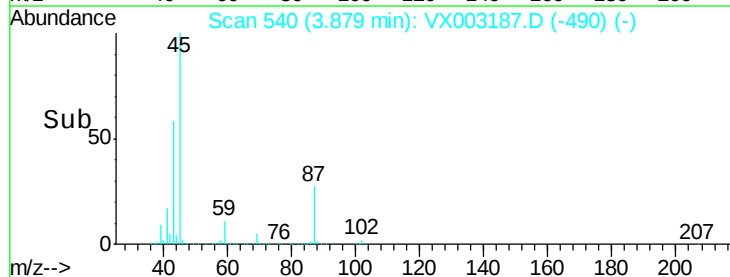
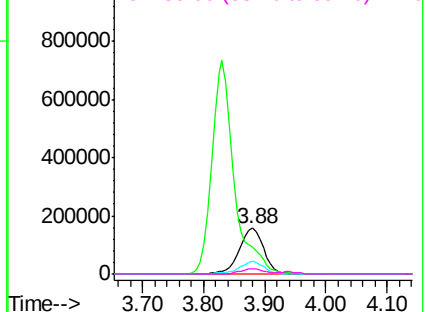
43 57.5 46.8 70.2

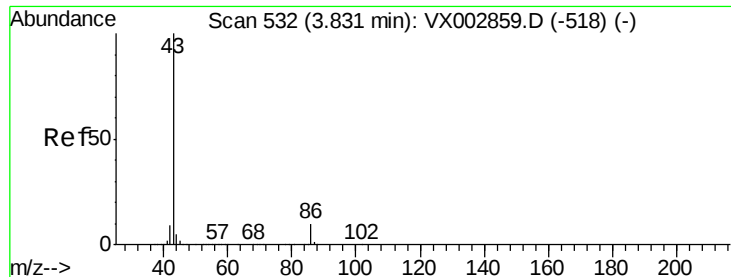
87 27.2 20.2 30.4

59 11.2 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: 223.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

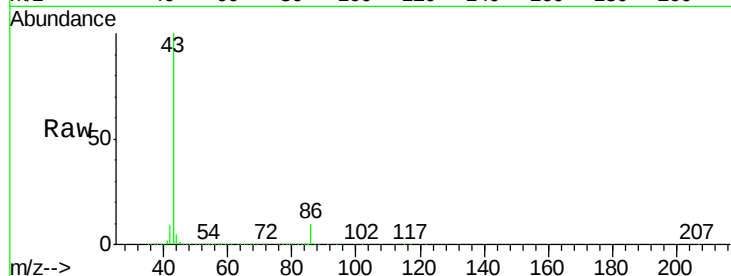
VSTDCCC050EC

Tot Ion: 43 Resp: 1896368

Ion Ratio Lower Upper

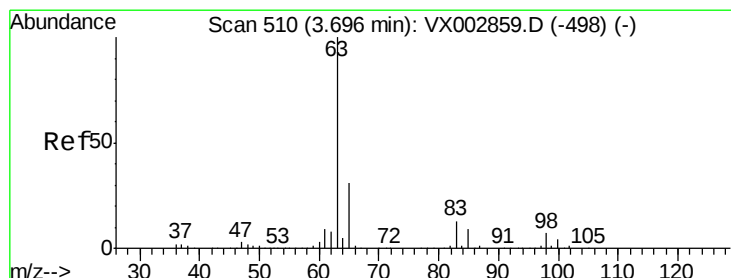
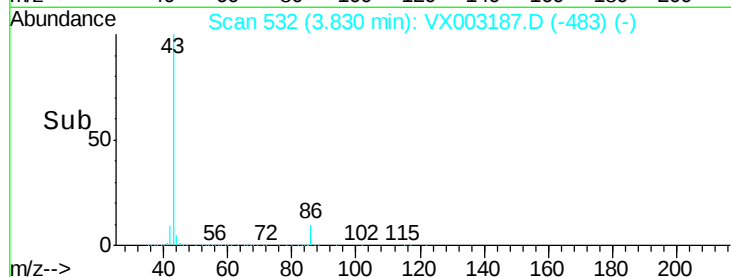
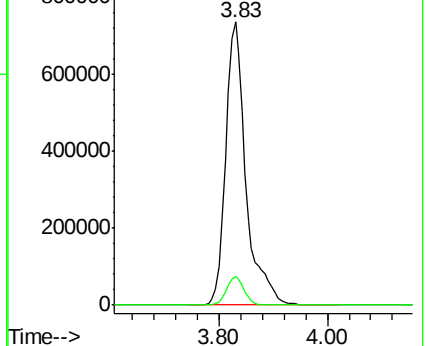
43 100

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: 44.05 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

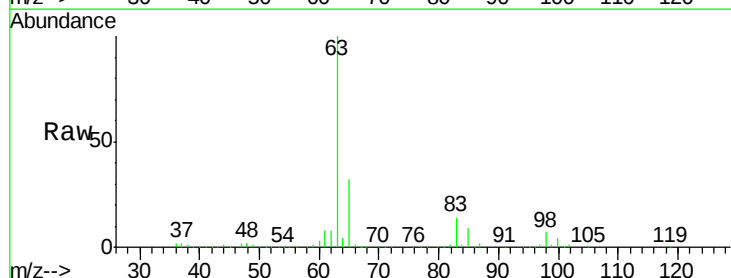
Tgt Ion: 63 Resp: 240455

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

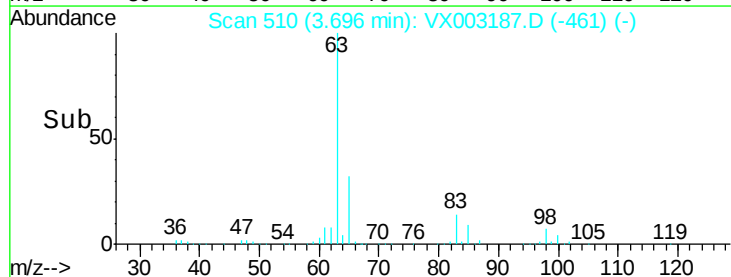
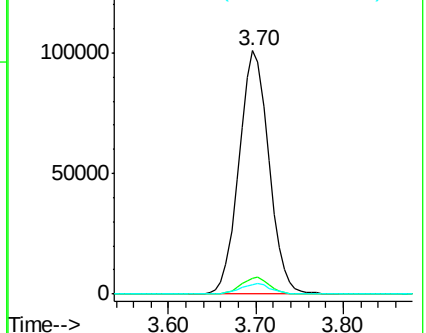
100 4.1 2.0 6.0

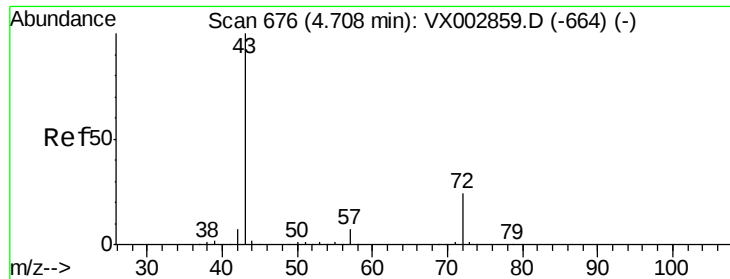


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.61 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

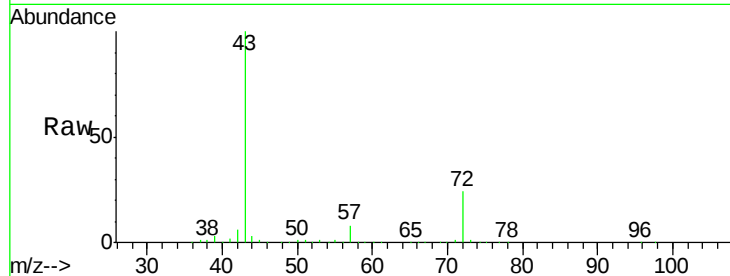
VSTDCCC050EC

Tot Ion: 43 Resp: 550069

Ion Ratio Lower Upper

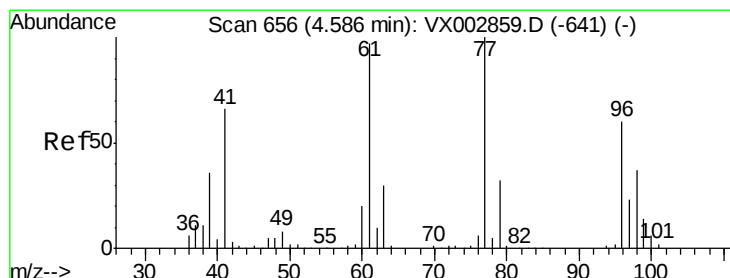
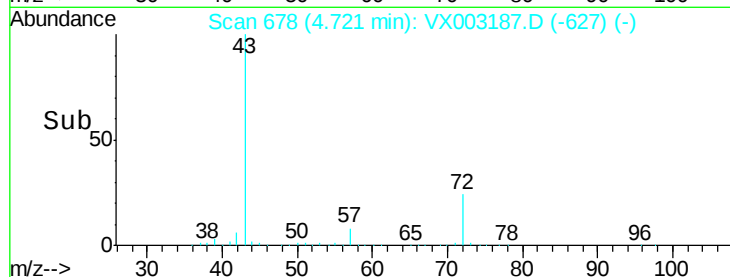
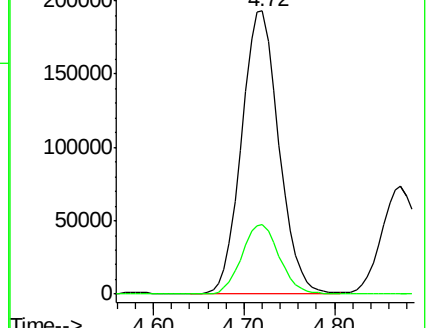
43 100

72 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.74 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003187.D

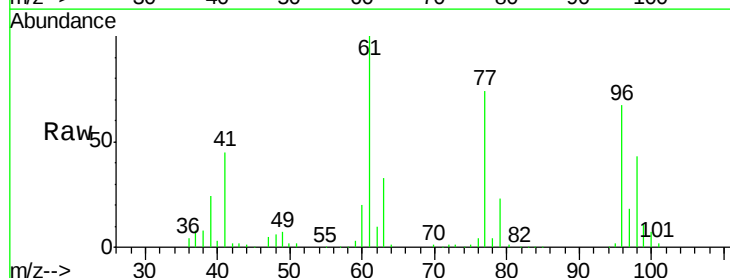
Acq: 05 Jul 2018 21:54

Tgt Ion: 77 Resp: 140877

Ion Ratio Lower Upper

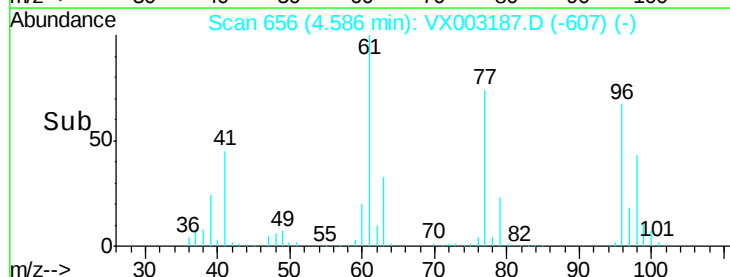
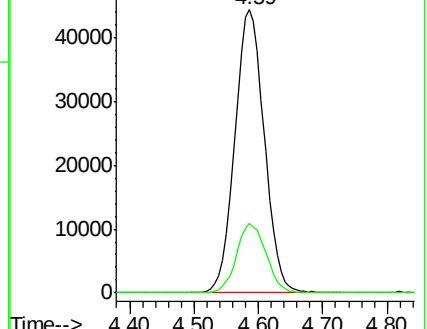
77 100

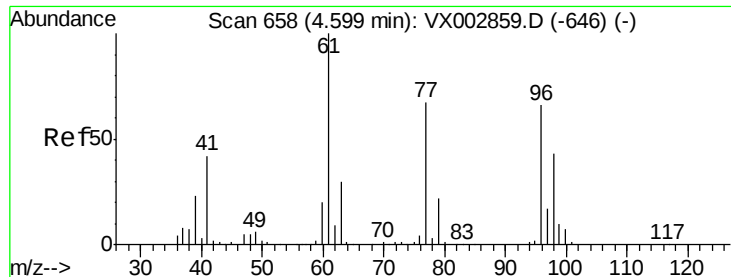
97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.47 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

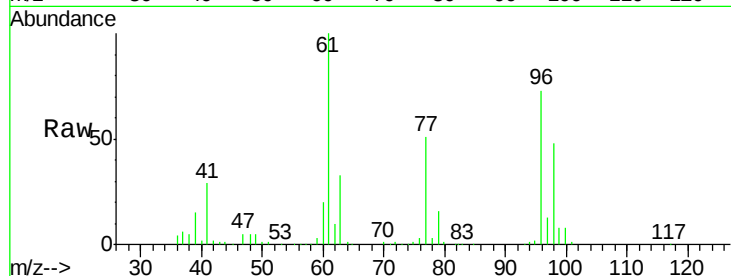
Tot Ion: 96 Resp: 151232

Ion Ratio Lower Upper

96 100

61 152.2 0.0 330.2

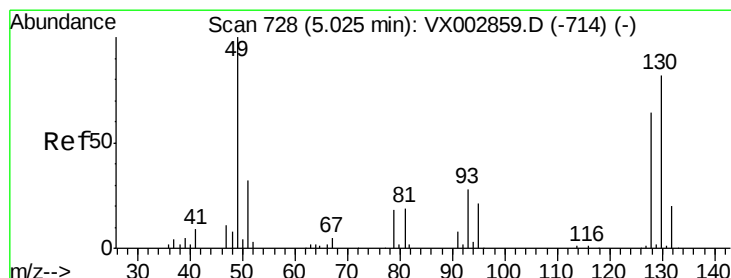
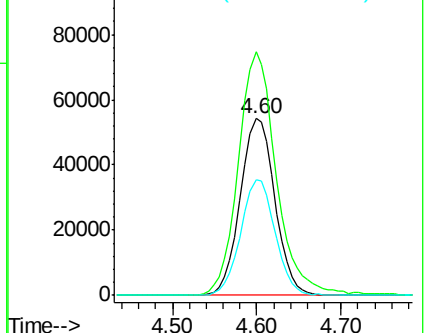
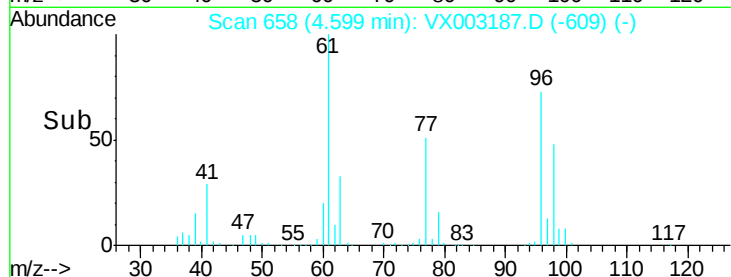
98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 47.81 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

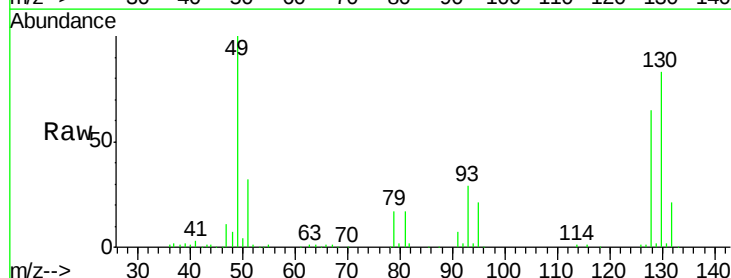
Tgt Ion: 49 Resp: 124916

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

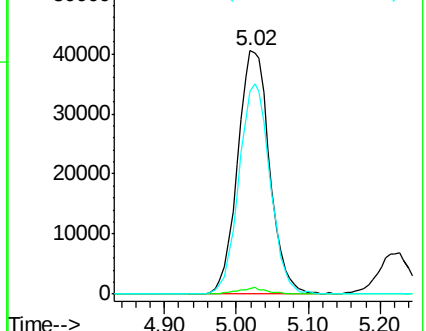
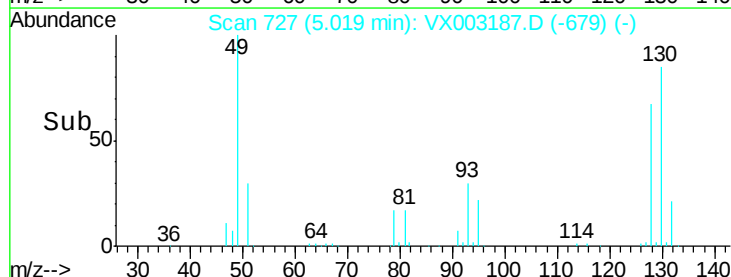
130 84.4 61.2 91.8

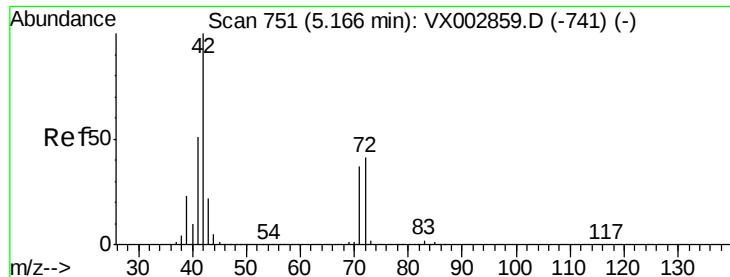


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.05 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

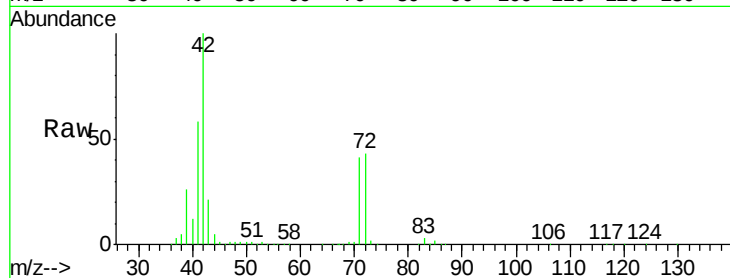
Tot Ion: 42 Resp: 354865

Ion Ratio Lower Upper

42 100

72 42.7 32.0 48.0

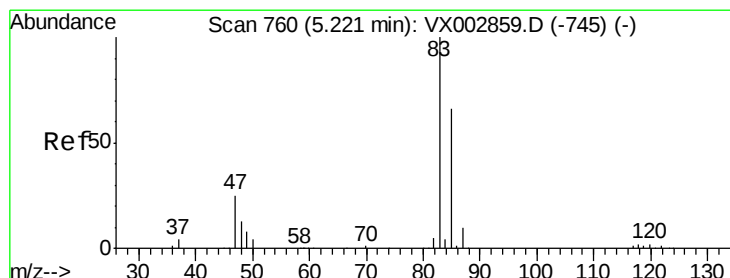
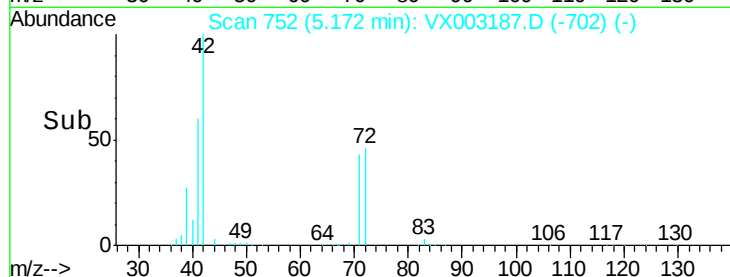
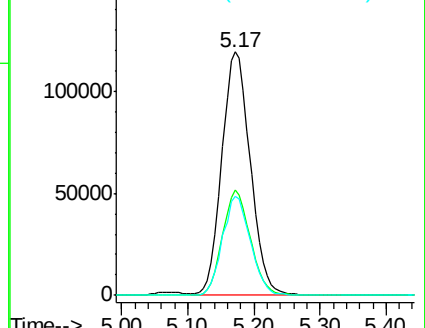
71 40.1 30.1 45.1



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: 45.86 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003187.D

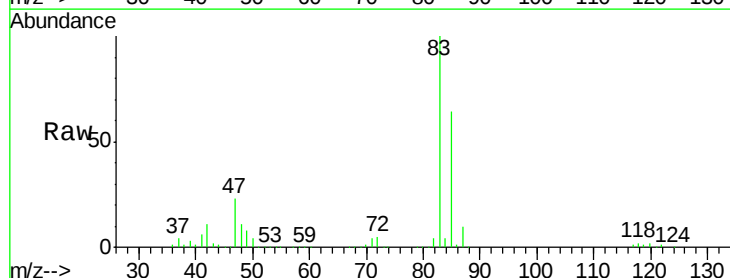
Acq: 05 Jul 2018 21:54

Tgt Ion: 83 Resp: 256881

Ion Ratio Lower Upper

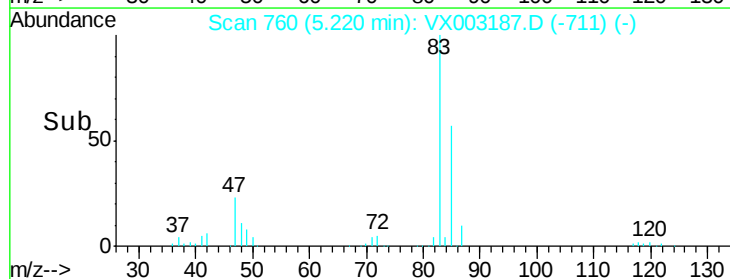
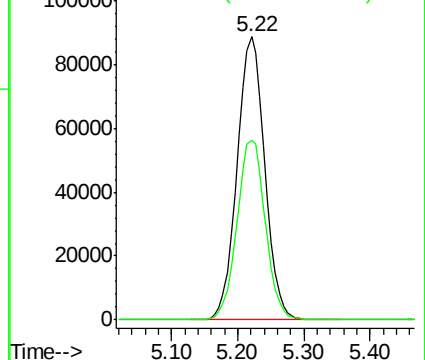
83 100

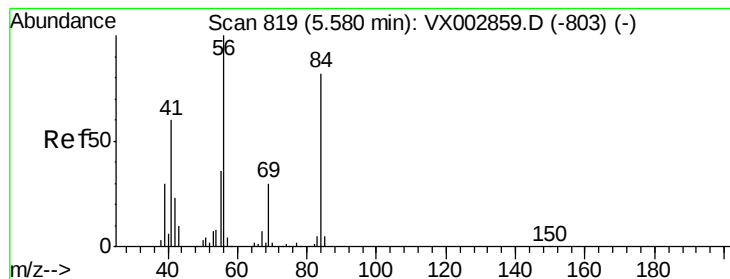
85 63.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.20 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

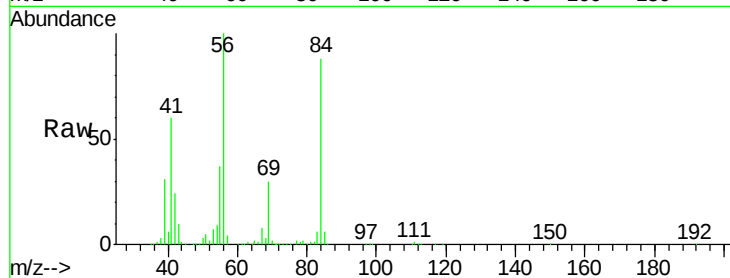
Tot Ion: 56 Resp: 216398

Ion Ratio Lower Upper

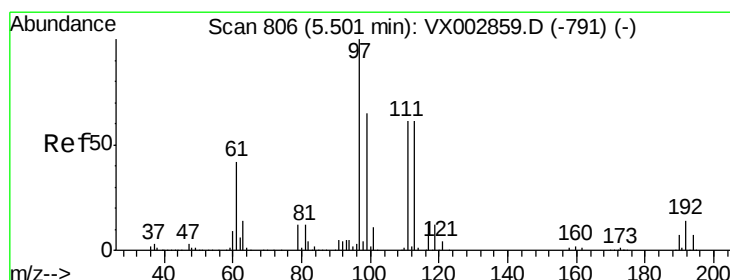
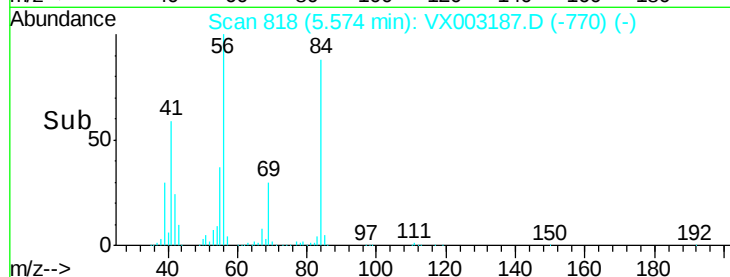
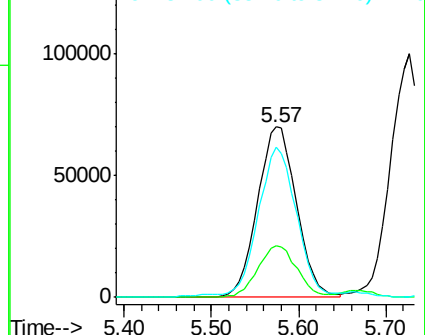
56 100

69 30.3 23.7 35.5

84 87.2 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: 46.10 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

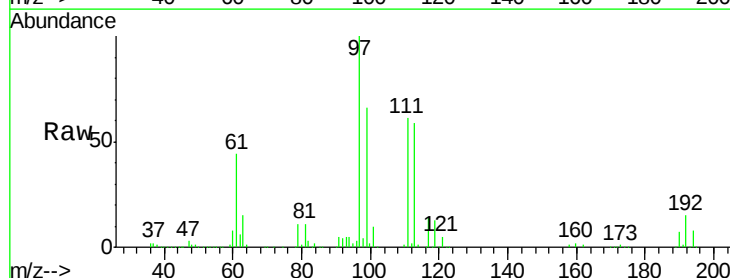
Tgt Ion: 97 Resp: 227194

Ion Ratio Lower Upper

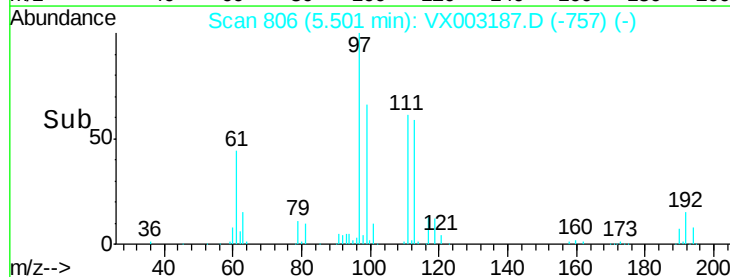
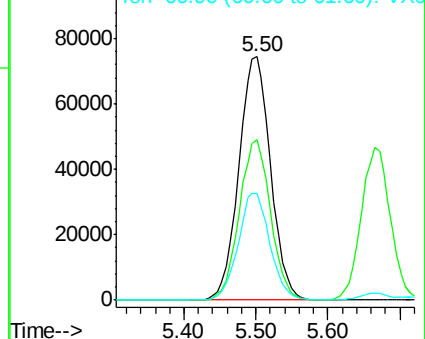
97 100

99 65.0 51.6 77.4

61 43.8 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: 42.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

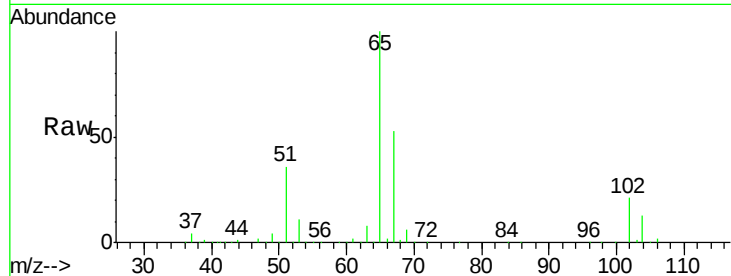
VSTDCCC050EC

Tot Ion: 65 Resp: 158764

Ion Ratio Lower Upper

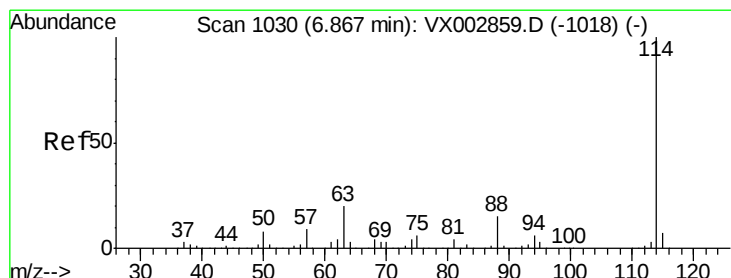
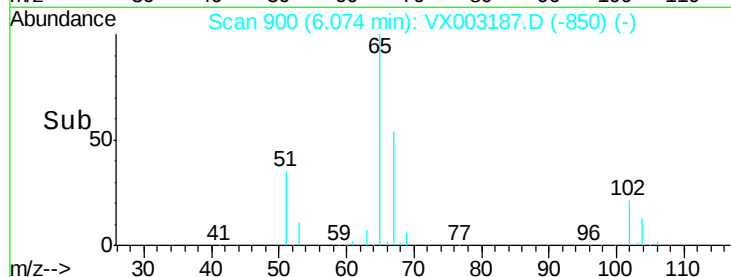
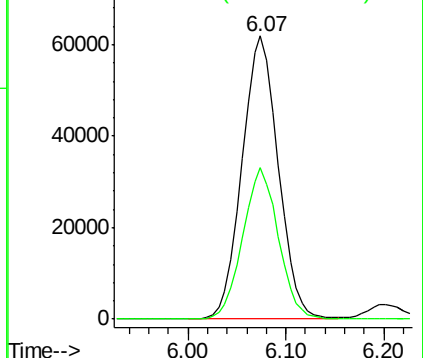
65 100

67 52.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

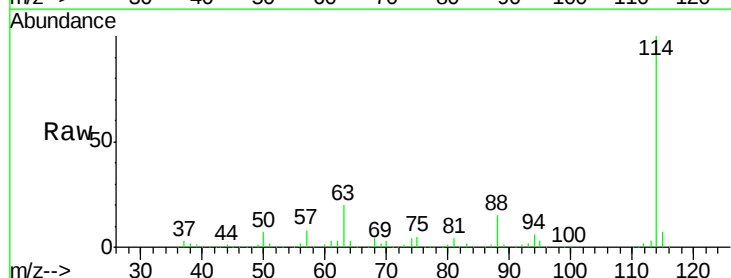
Tgt Ion: 114 Resp: 374431

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

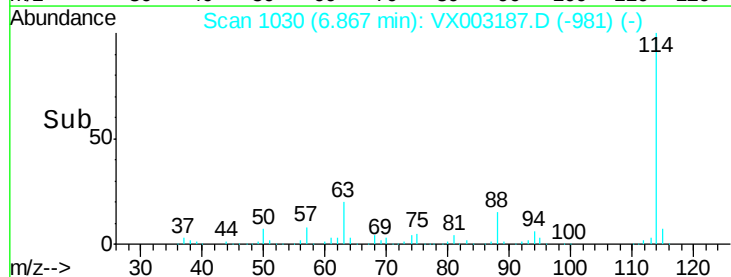
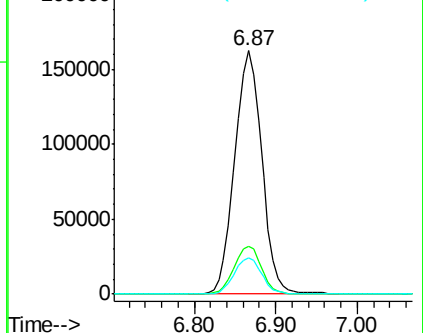
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

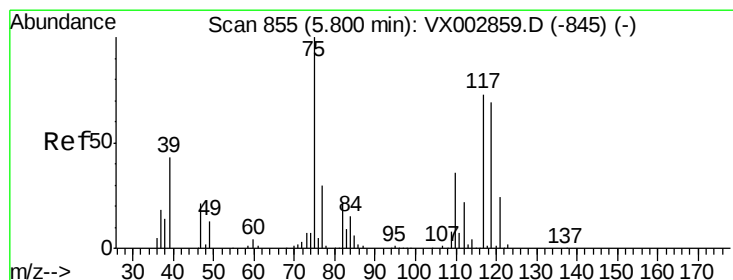
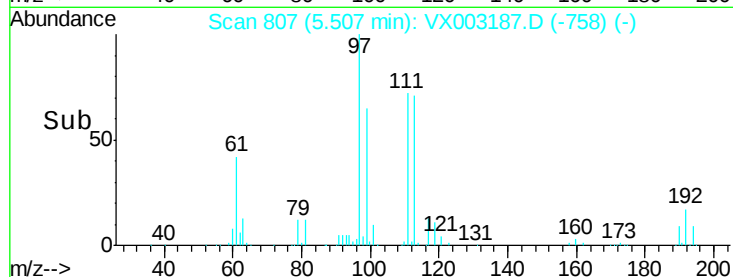
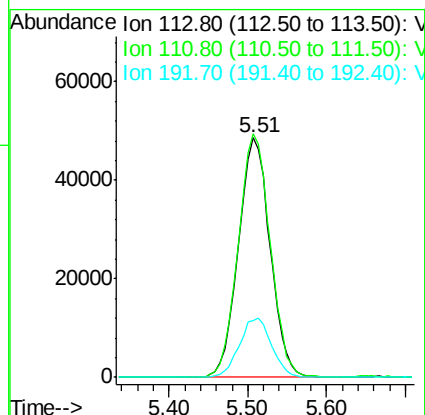
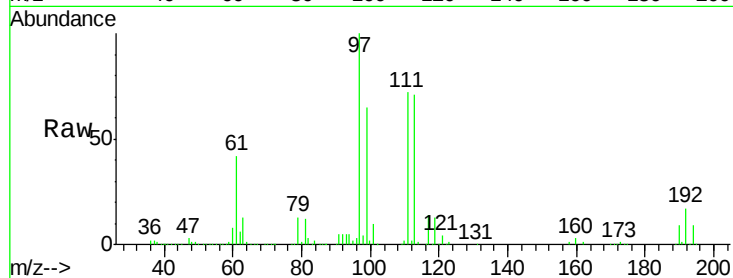




#35
 Dibromofluoromethane
 Concen: 45.80 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

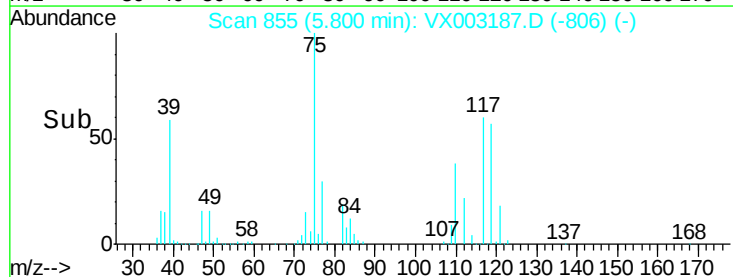
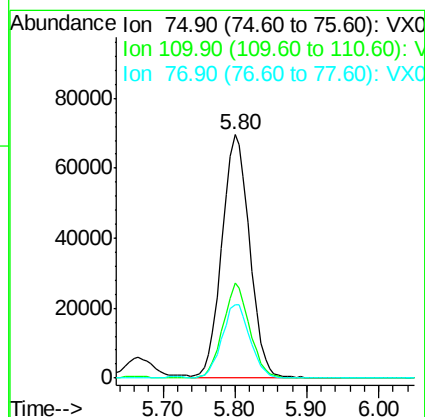
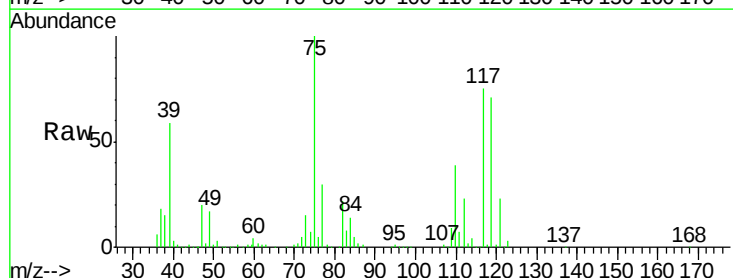
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

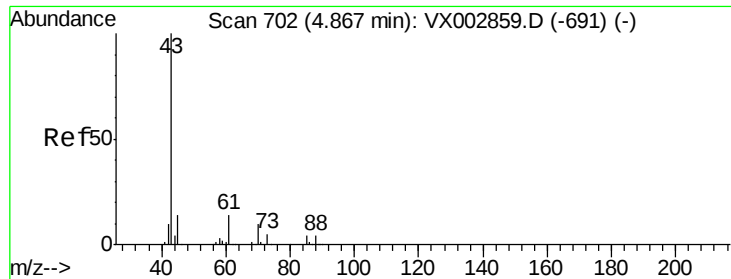
Tot Ion:113 Resp: 135806
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 25.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 45.37 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 75 Resp: 186293
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.4
 77 30.3 24.3 36.5

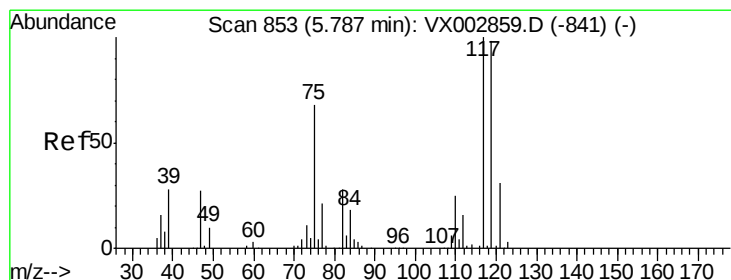
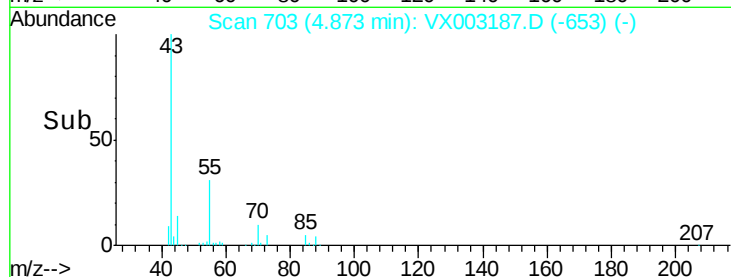
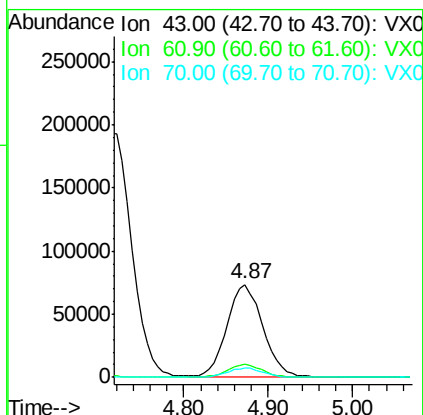
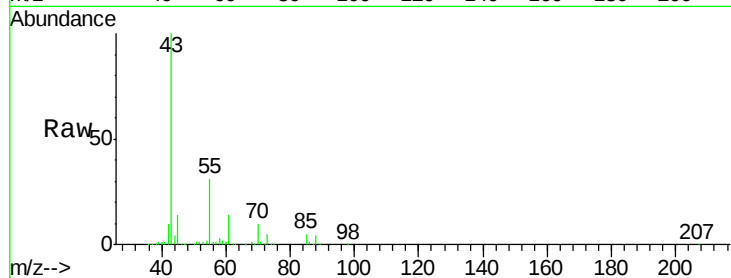




#37
Ethyl Acetate
Concen: 48.20 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

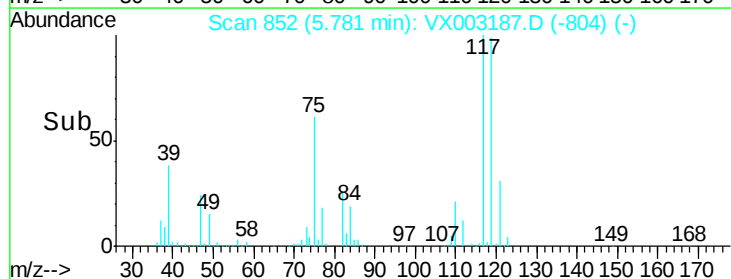
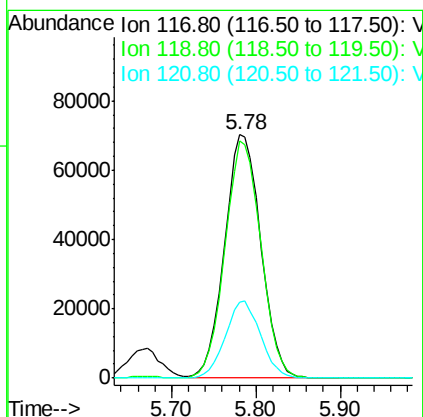
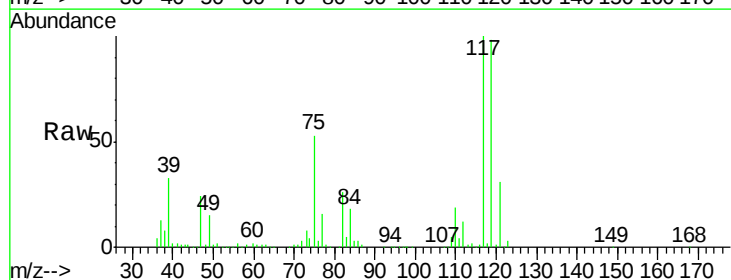
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

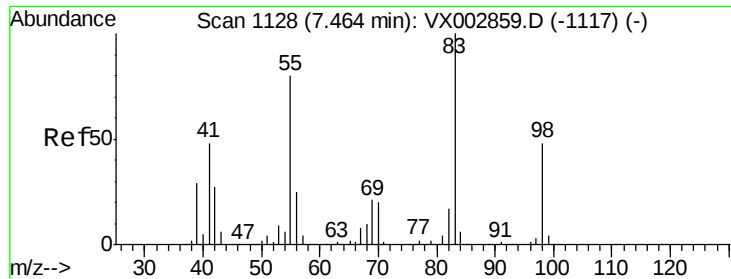
Tot Ion: 43 Resp: 213094
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 45.53 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 117 Resp: 205136
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
121 31.1 24.4 36.6

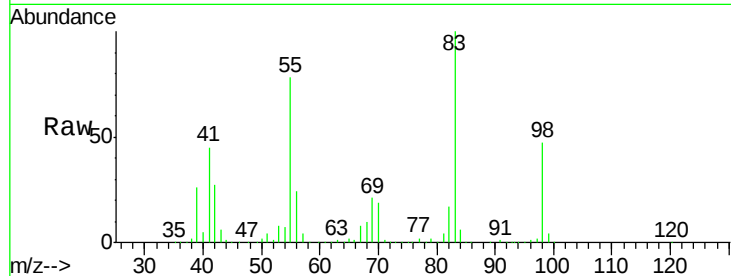




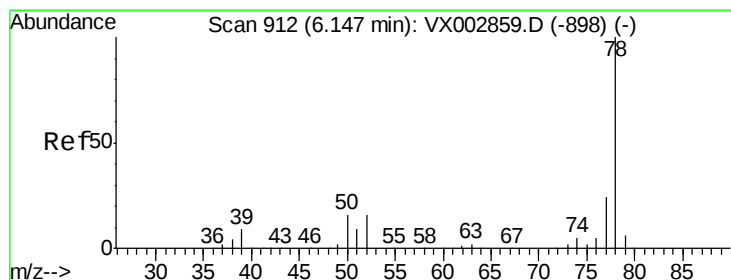
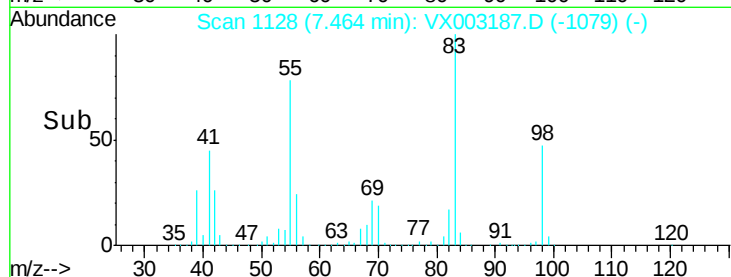
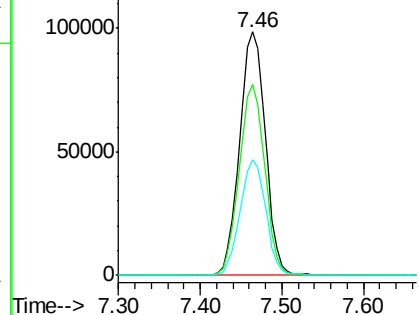
#39
Methvlcvclohexane
Concen: 44.79 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 214216
Ion Ratio Lower Upper
83 100
55 78.3 65.4 98.0
98 47.3 37.4 56.0

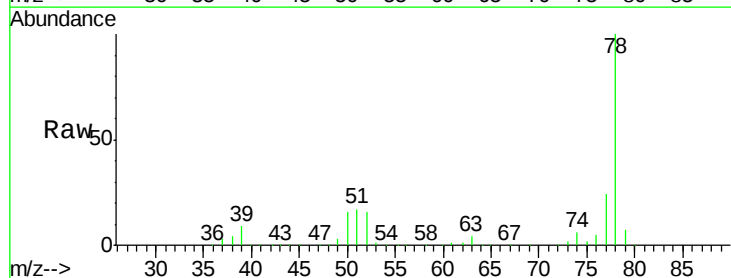


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

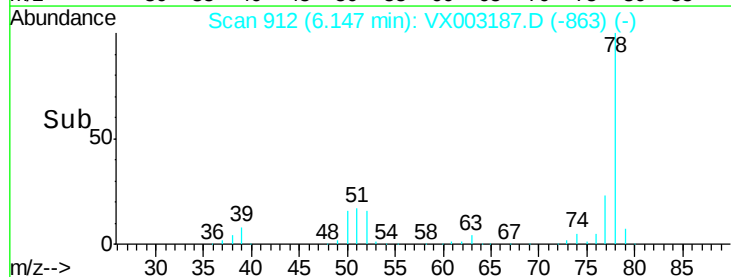
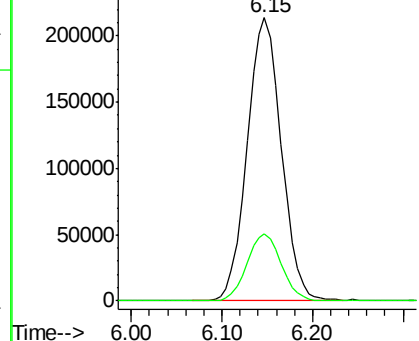


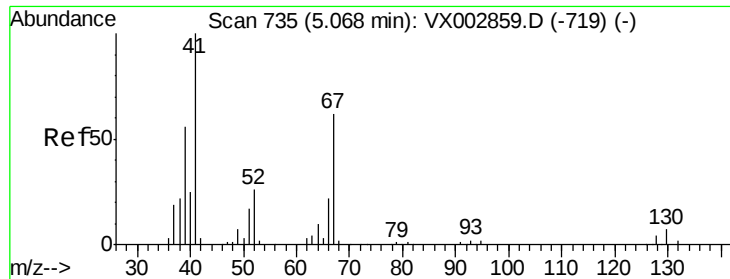
#40
Benzene
Concen: 46.61 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 78 Resp: 556136
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7



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

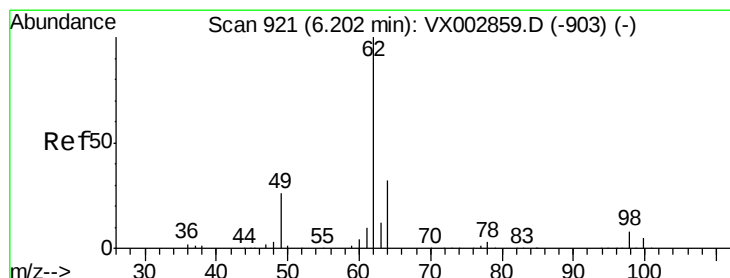
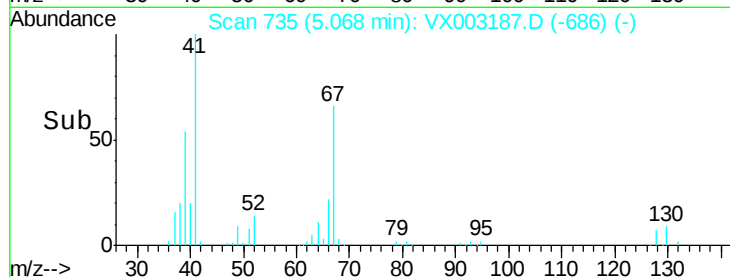
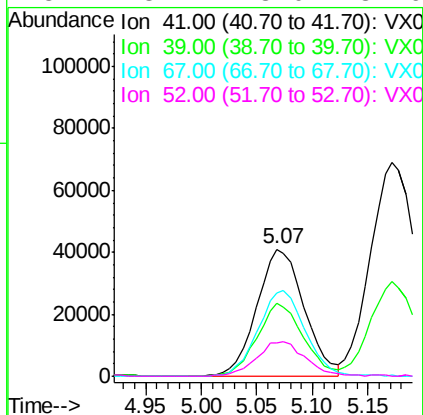
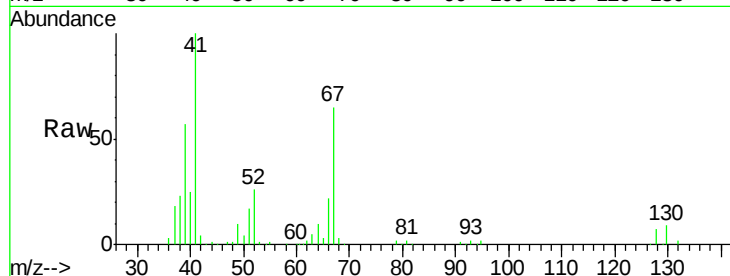




#41
Methacrylonitrile
Concen: 47.34 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

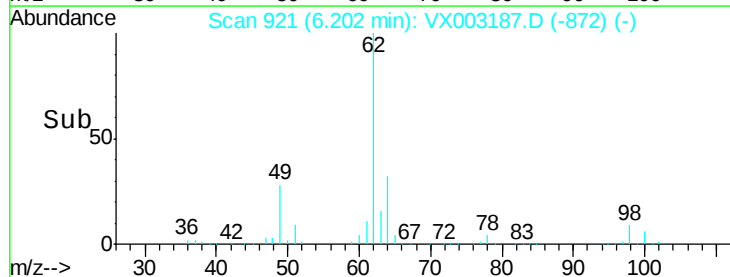
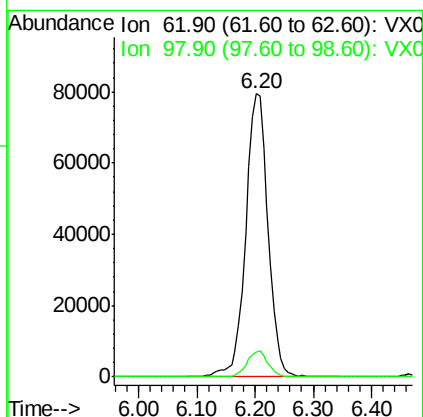
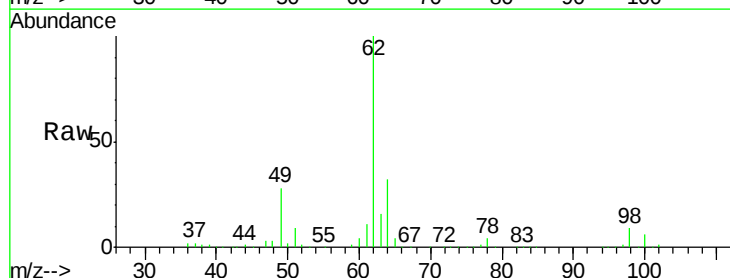
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

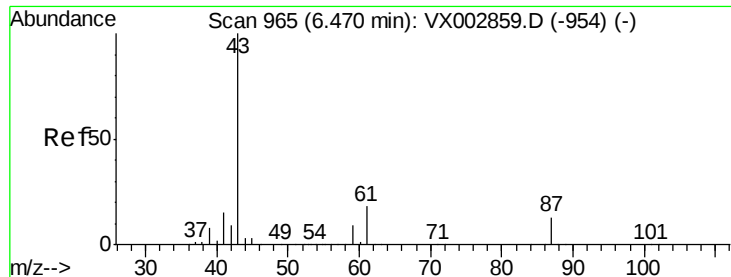
Tot Ion:	41	Resp:	120513
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	68.0	51.3	76.9
52	28.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 43.37 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:	62	Resp:	209024
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6



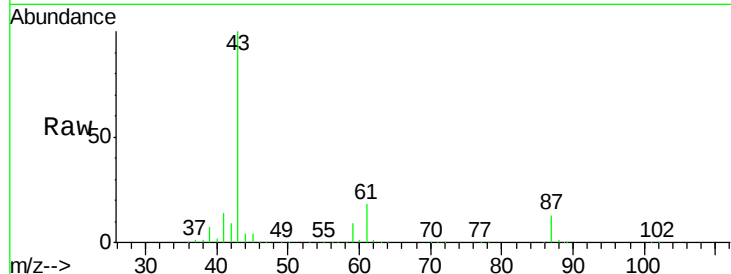


#43

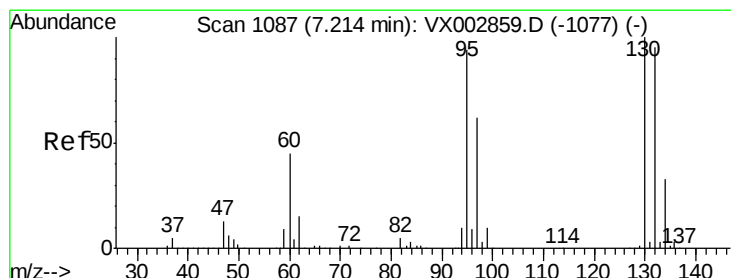
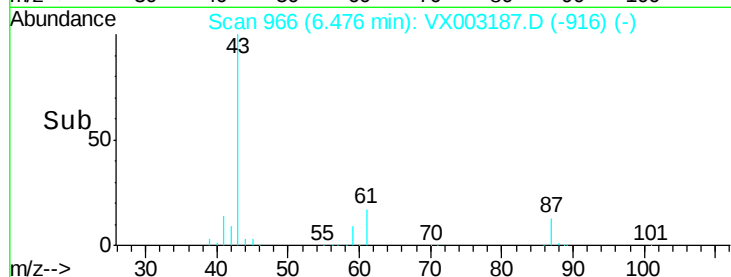
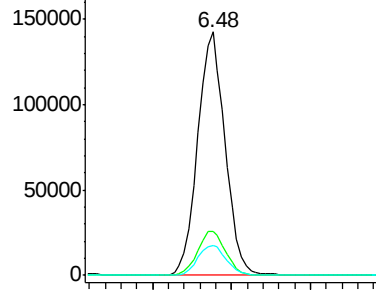
Isopropyl Acetate
 Concen: 46.37 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 343851
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.4 21.6
 87 12.9 9.5 14.3



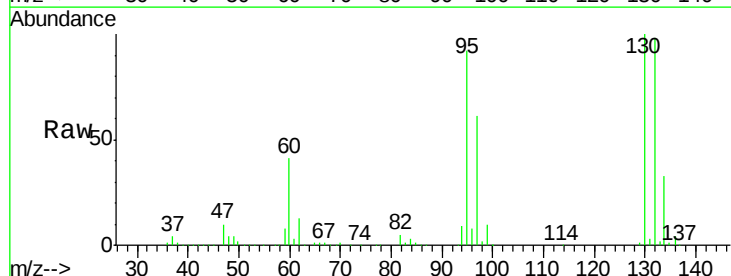
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



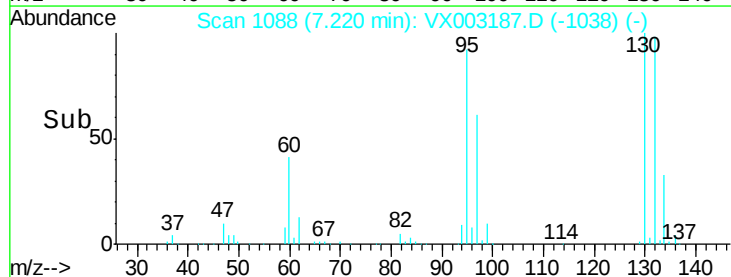
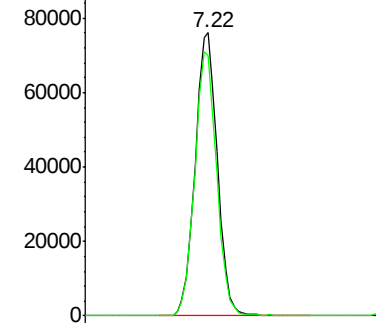
#44

Trichloroethene
 Concen: 45.99 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 130 Resp: 163580
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

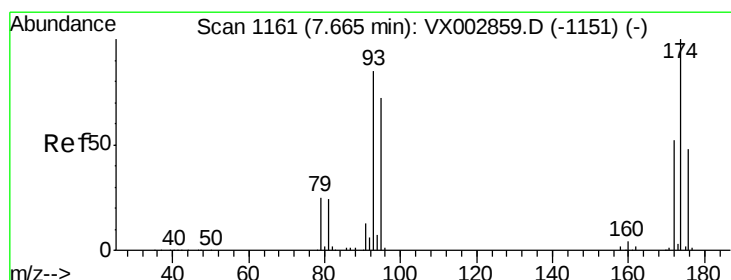
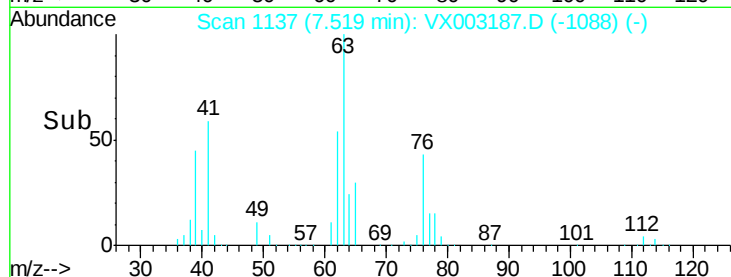
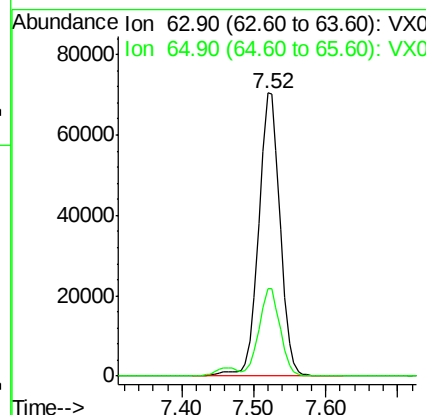
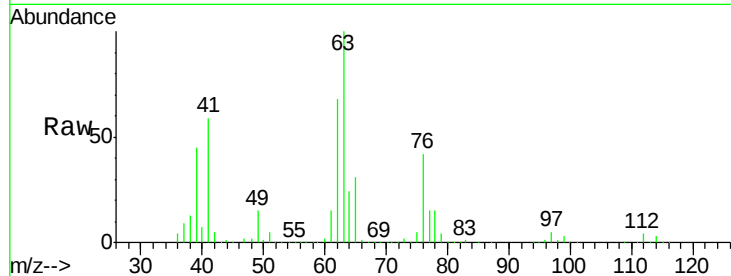




#45
 1,2-Dichloropropane
 Concen: 46.20 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

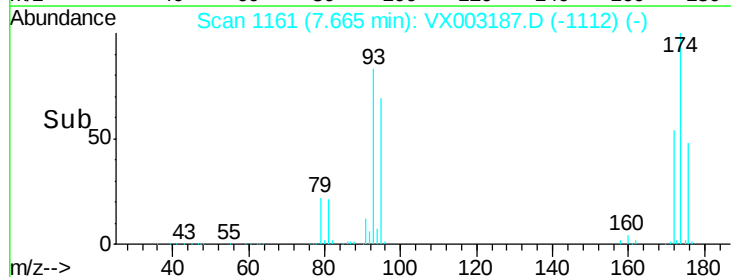
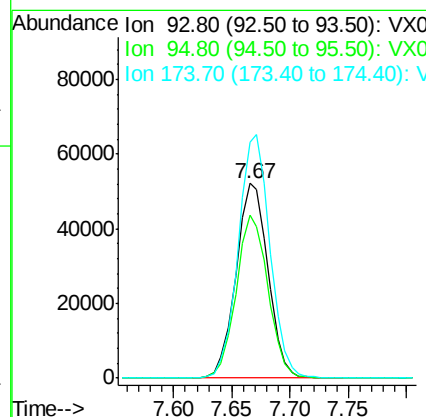
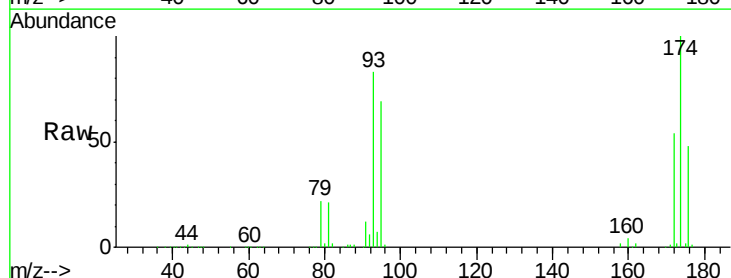
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 146217
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 45.49 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 93 Resp: 99917
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 124.2 92.4 138.6





#47

Bromodichloromethane

Concen: 46.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

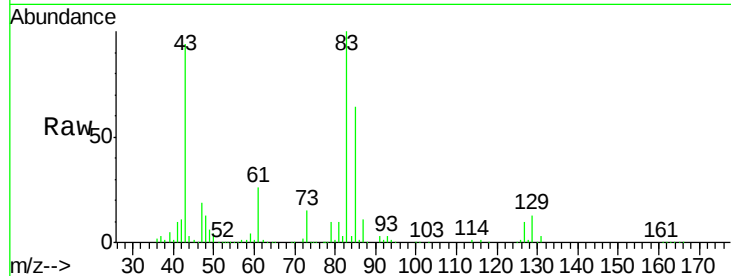
Tot Ion: 83 Resp: 190530

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

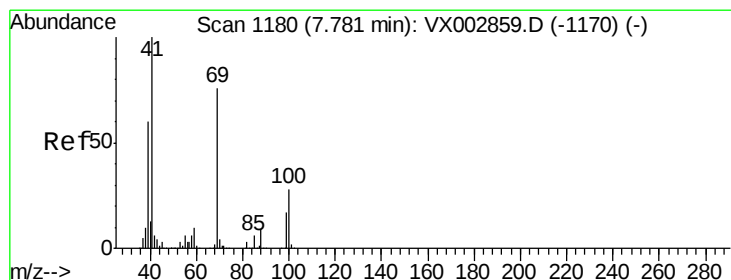
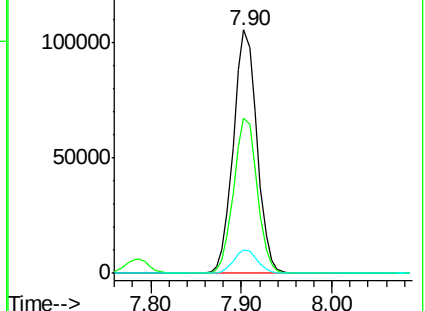
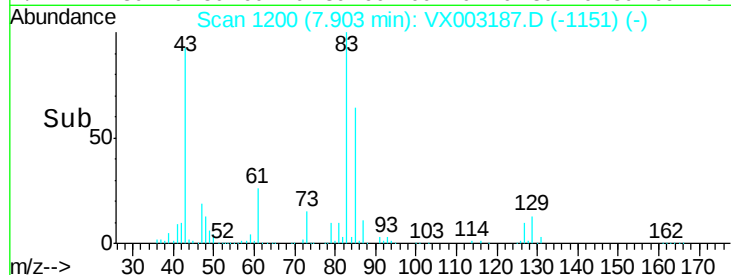
127 9.8 7.0 10.4



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: 46.59 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

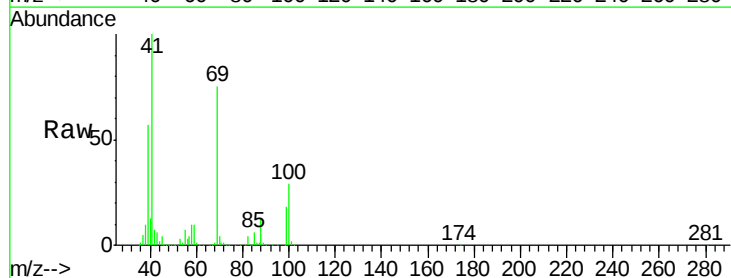
Tgt Ion: 41 Resp: 177996

Ion Ratio Lower Upper

41 100

69 77.5 59.1 88.7

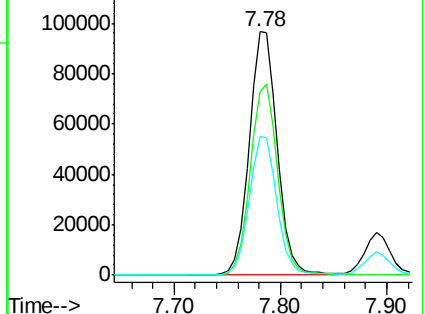
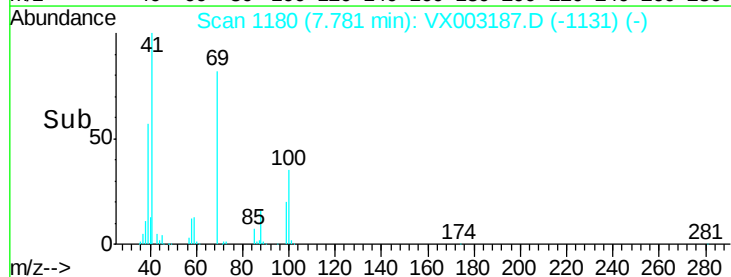
39 56.5 48.9 73.3

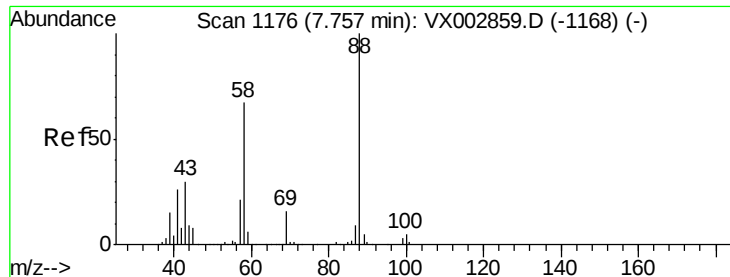


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

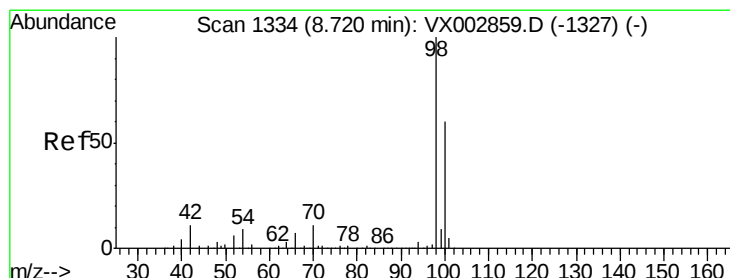
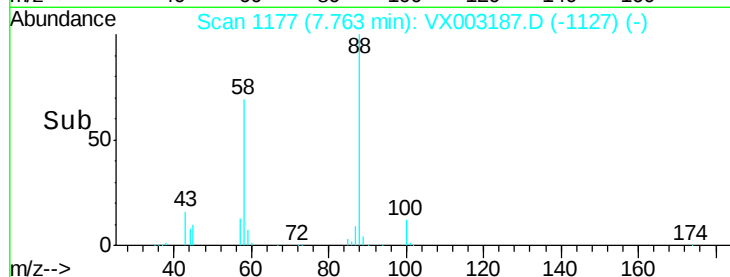
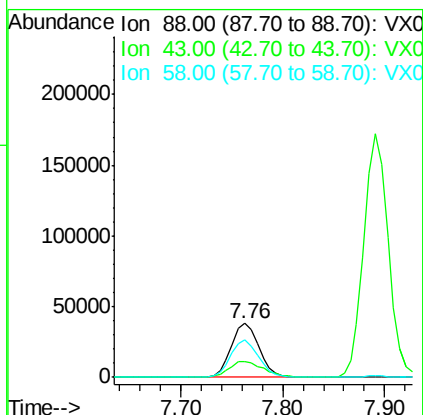
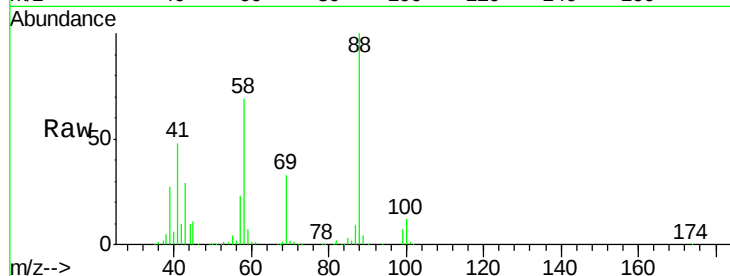




#49
1,4-Dioxane
Concen: 965.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

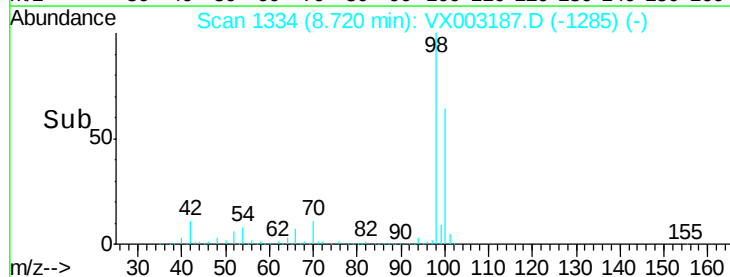
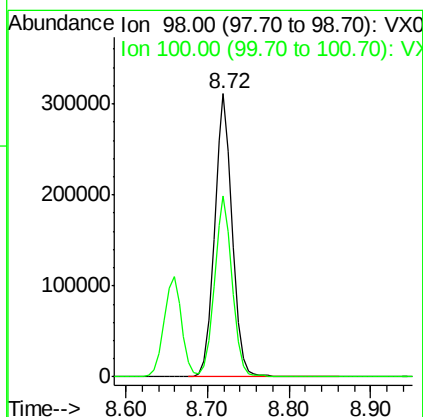
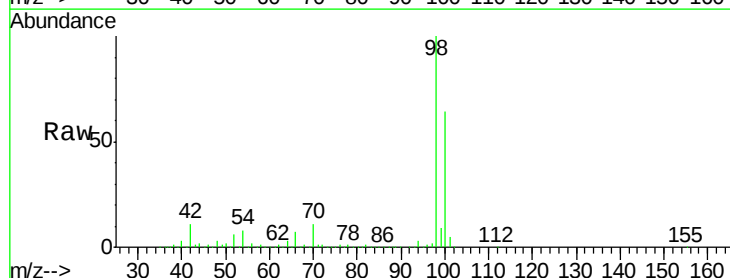
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

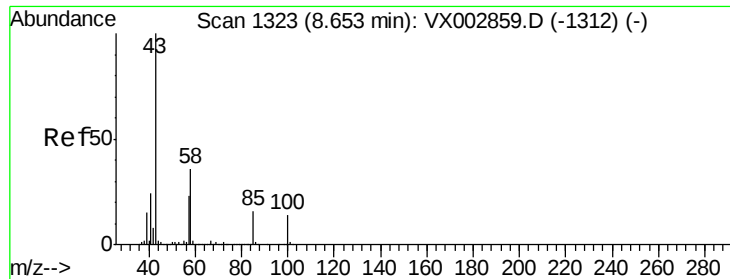
Tot Ion: 88 Resp: 71740
Ion Ratio Lower Upper
88 100
43 36.8 29.8 44.6
58 69.9 57.1 85.7



#50
Toluene-d8
Concen: 43.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 98 Resp: 472111
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 238.66 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

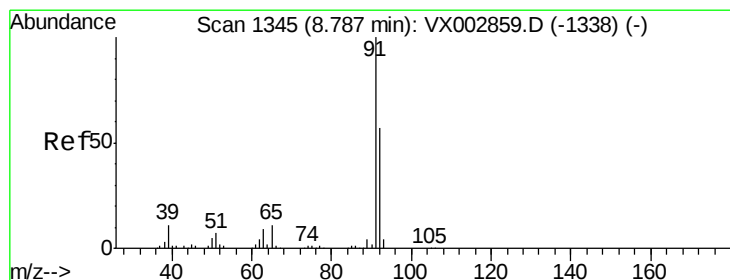
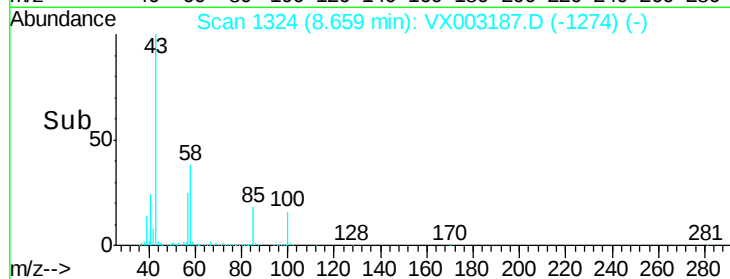
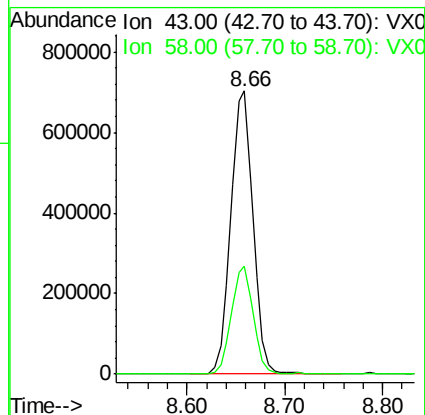
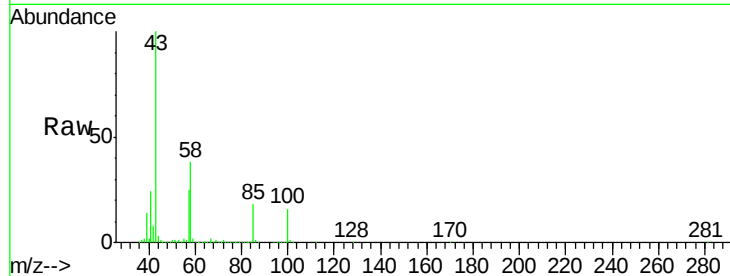
VSTDCCC050EC

Tot Ion: 43 Resp: 1107160

Ion Ratio Lower Upper

43 100

58 37.5 28.6 42.8



#52

Toluene

Concen: 46.89 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003187.D

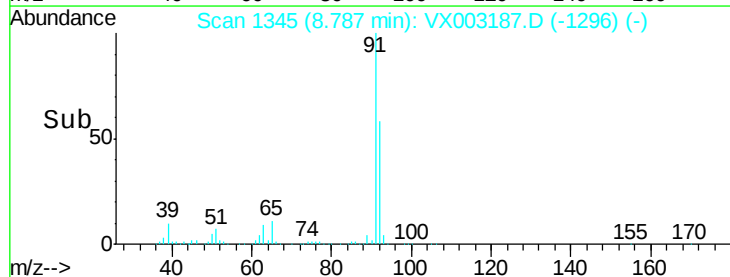
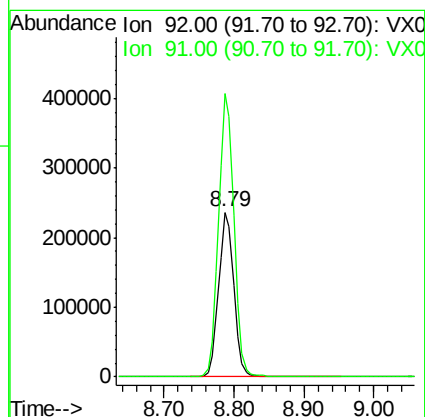
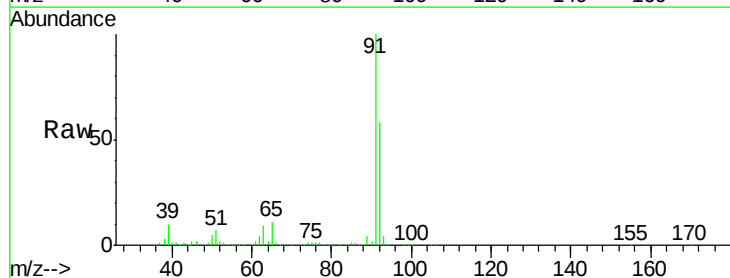
Acq: 05 Jul 2018 21:54

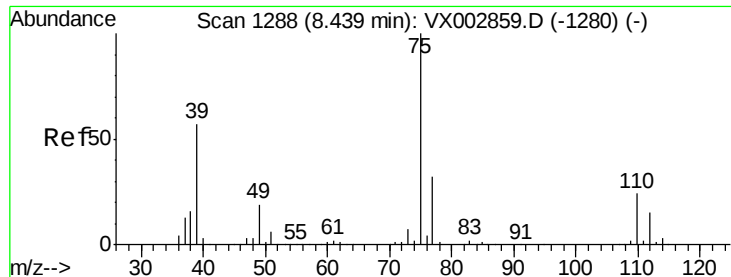
Tgt Ion: 92 Resp: 358350

Ion Ratio Lower Upper

92 100

91 174.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 46.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

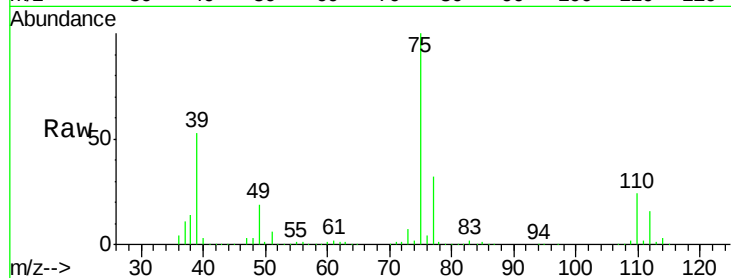
VSTDCCC050EC

Tot Ion: 75 Resp: 215042

Ion Ratio Lower Upper

75 100

77 32.3 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

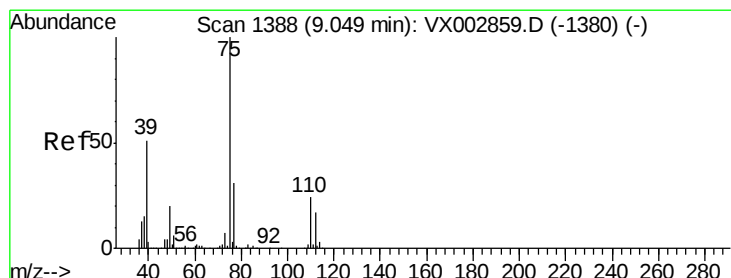
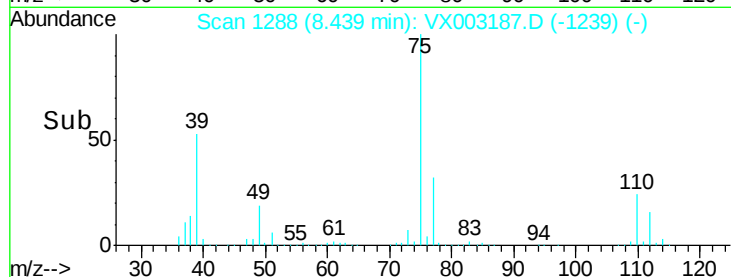
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

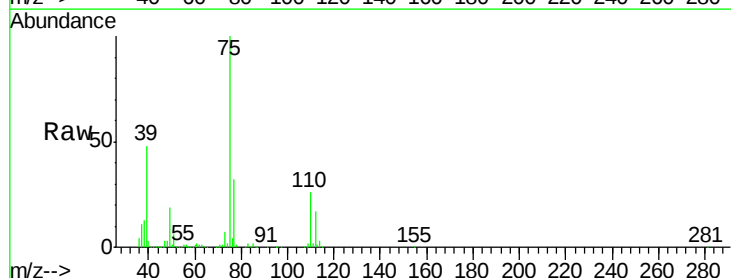
Tgt Ion: 75 Resp: 197448

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 47.7 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

9.05

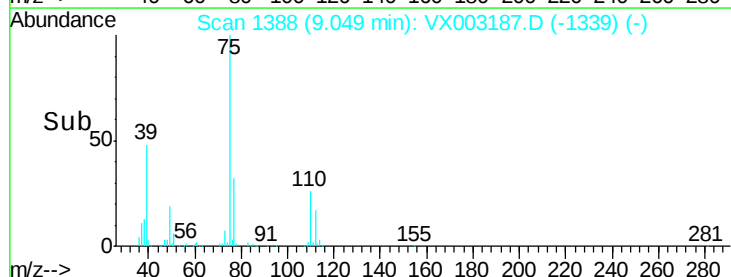
150000

100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.27 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 148445

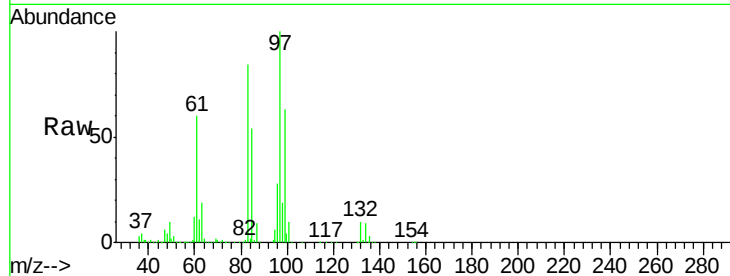
Ion Ratio Lower Upper

97 100

83 83.6 70.2 105.2

85 53.6 44.9 67.3

99 62.5 49.8 74.8

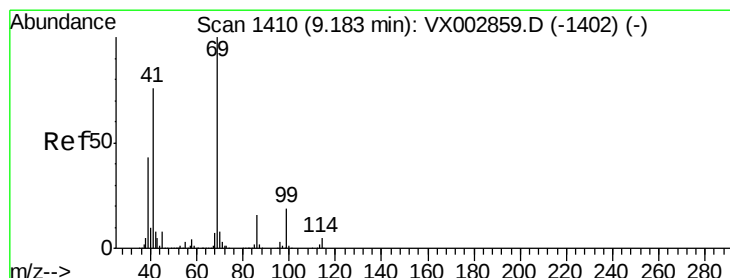
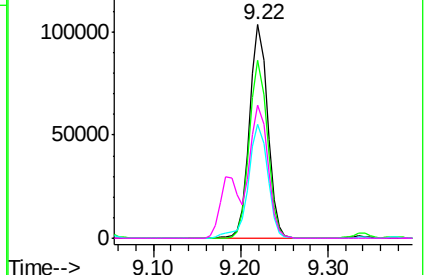
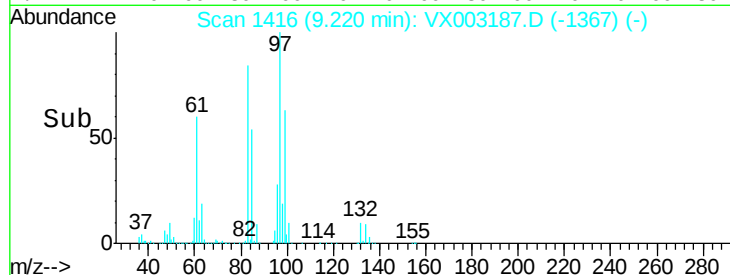


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 49.12 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

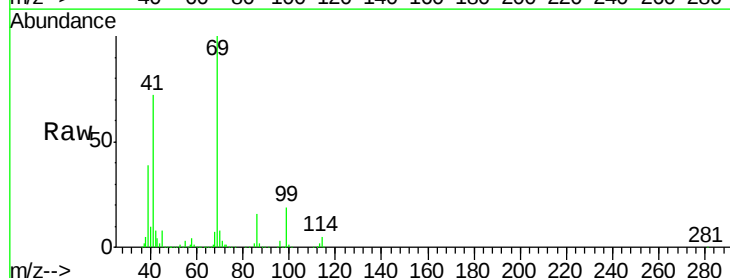
Tgt Ion: 69 Resp: 225444

Ion Ratio Lower Upper

69 100

41 70.3 60.3 90.5

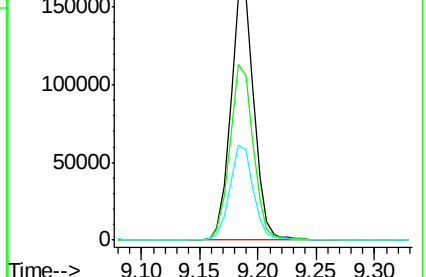
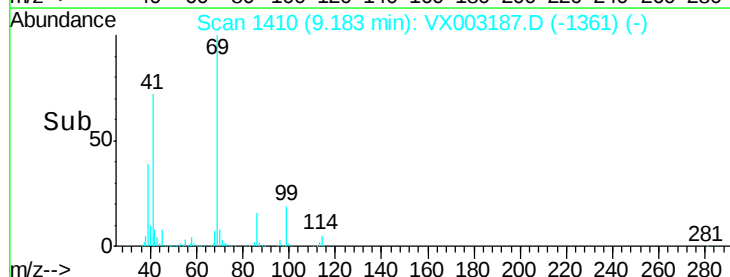
39 38.3 35.8 53.8

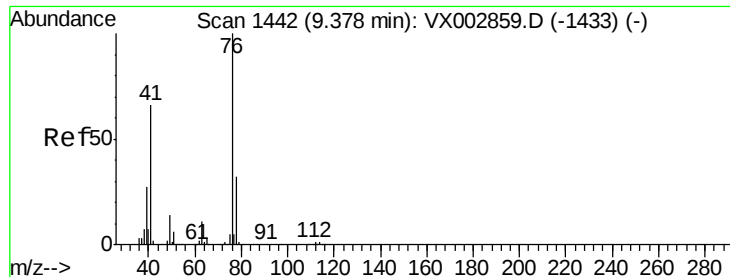


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.61 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

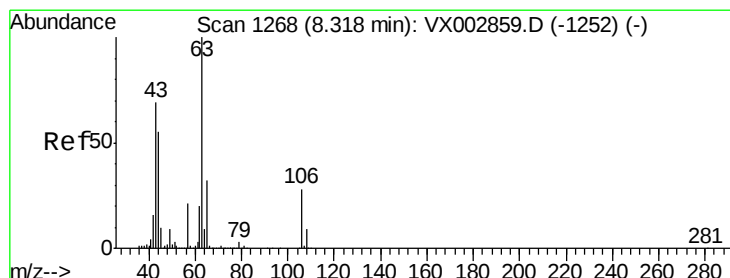
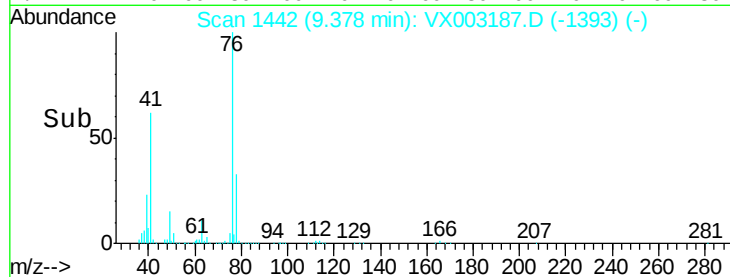
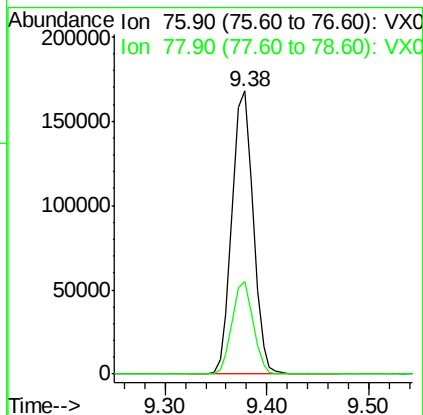
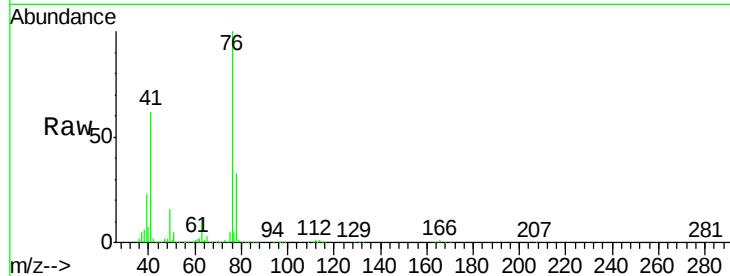
VSTDCCC050EC

Tot Ion: 76 Resp: 240409

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.38 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003187.D

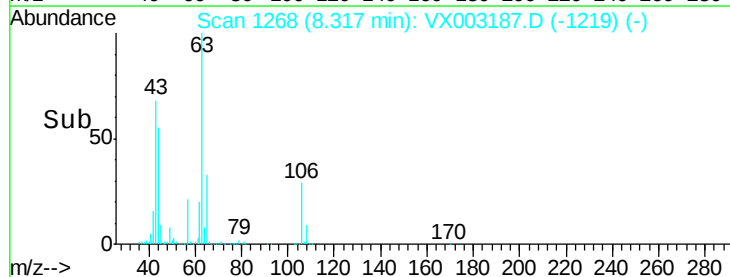
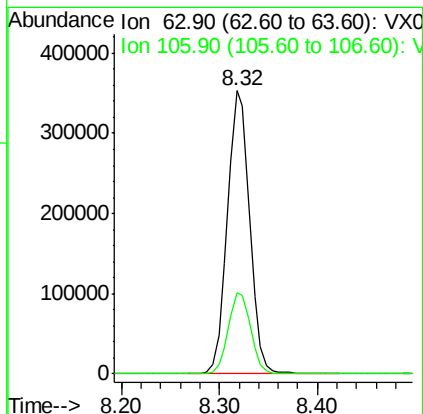
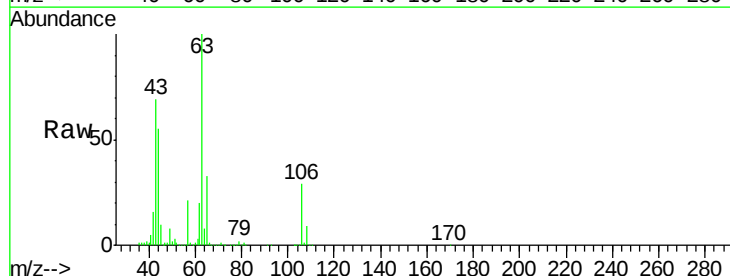
Acq: 05 Jul 2018 21:54

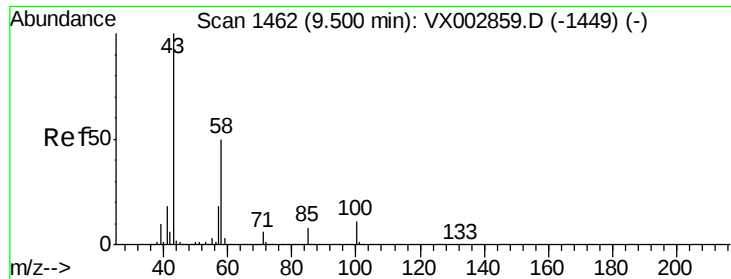
Tgt Ion: 63 Resp: 556655

Ion Ratio Lower Upper

63 100

106 28.8 21.8 32.8

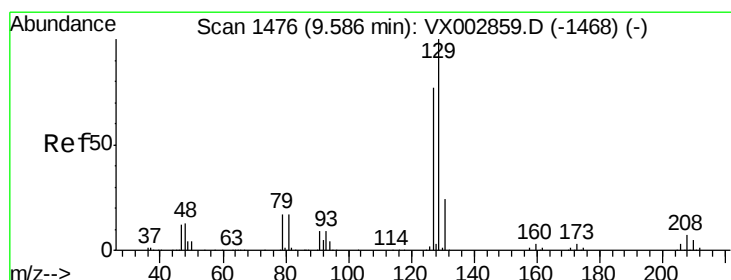
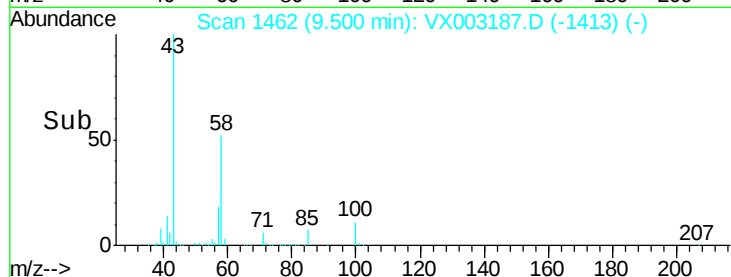
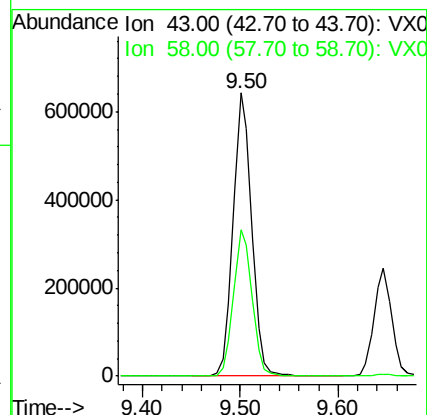
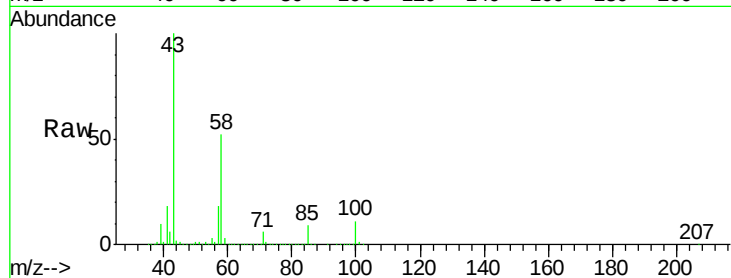




#59
2-Hexanone
Concen: 240.49 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

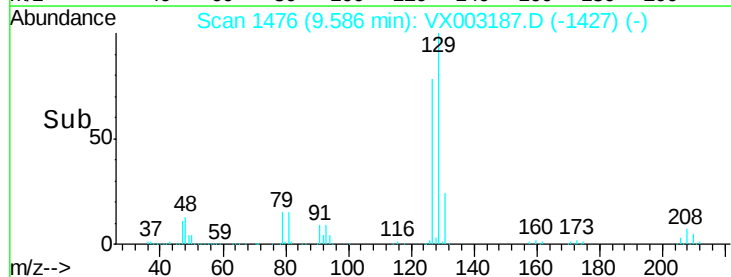
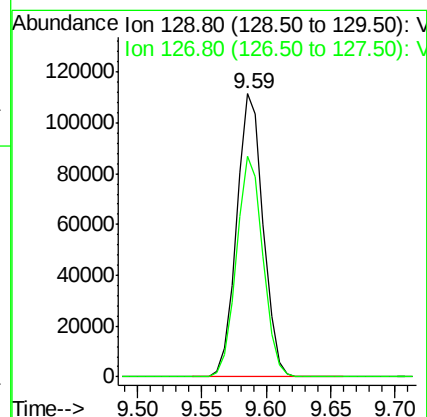
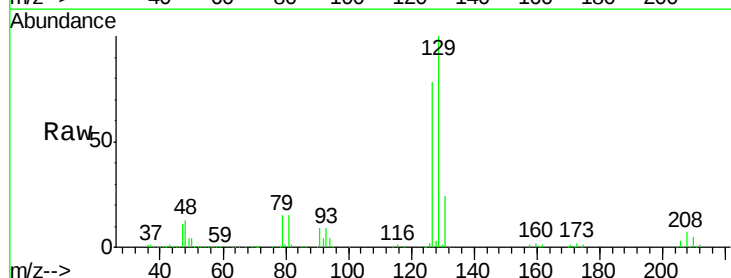
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

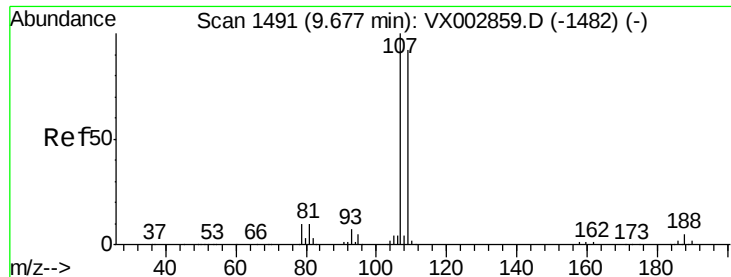
Tot Ion: 43 Resp: 847896
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6



#60
Dibromochloromethane
Concen: 48.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 129 Resp: 159992
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.81 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

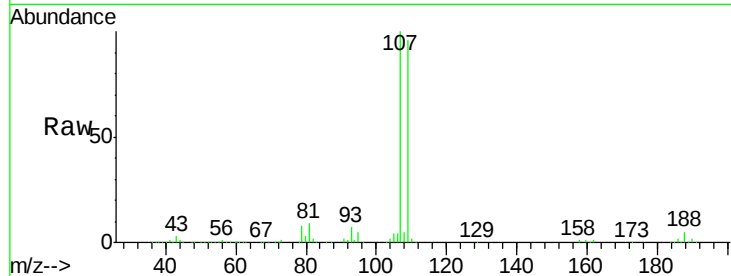
VSTDCCC050EC

Tot Ion:107 Resp: 157495

Ion Ratio Lower Upper

107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

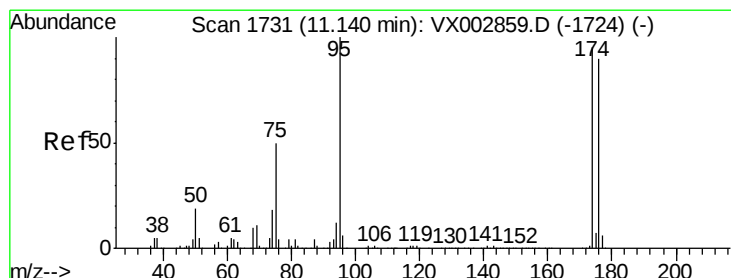
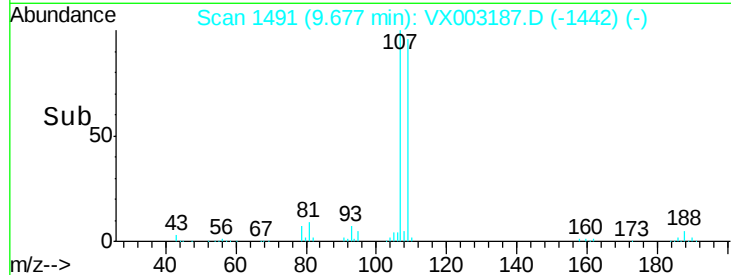
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

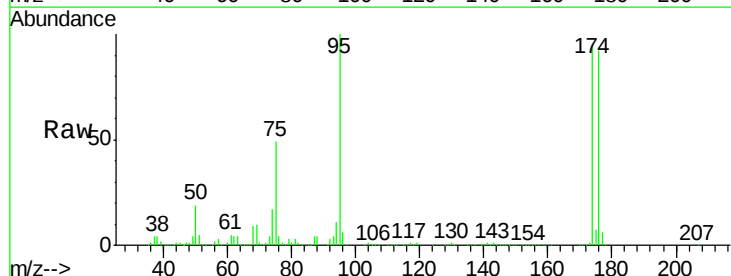
Tgt Ion: 95 Resp: 185806

Ion Ratio Lower Upper

95 100

174 98.9 0.0 187.4

176 96.3 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

200000

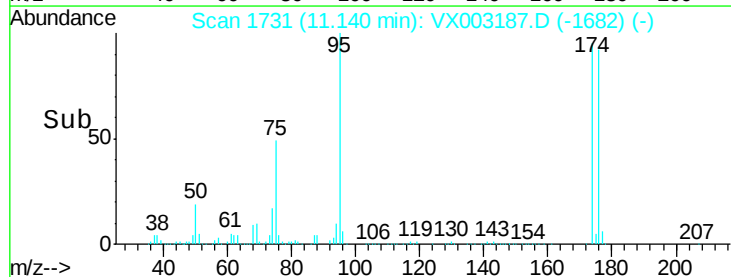
150000

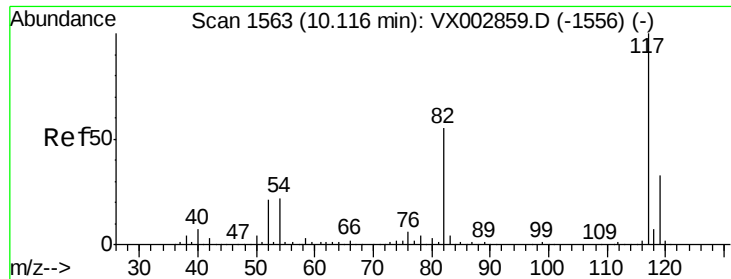
100000

50000

0

Time--> 11.10 11.20

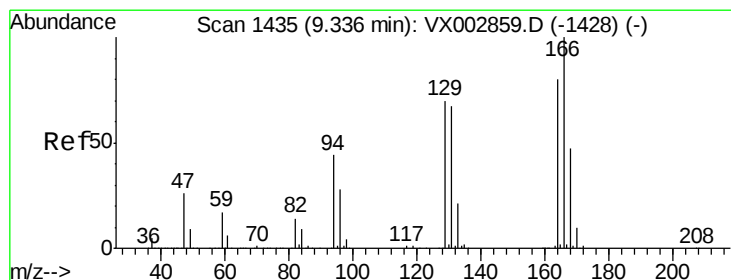
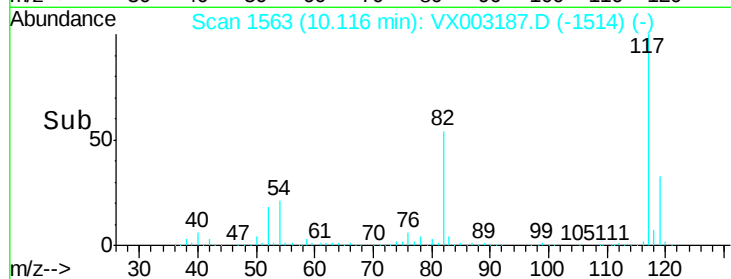
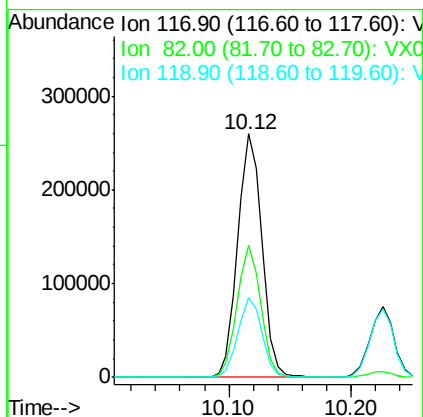
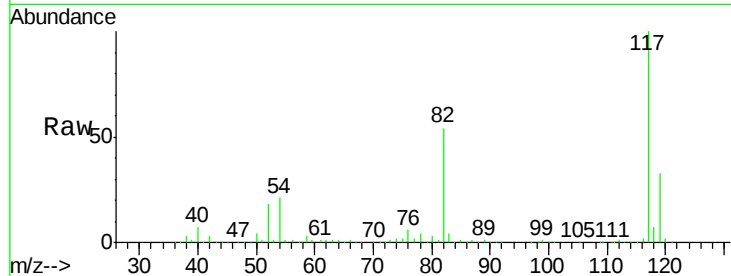




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

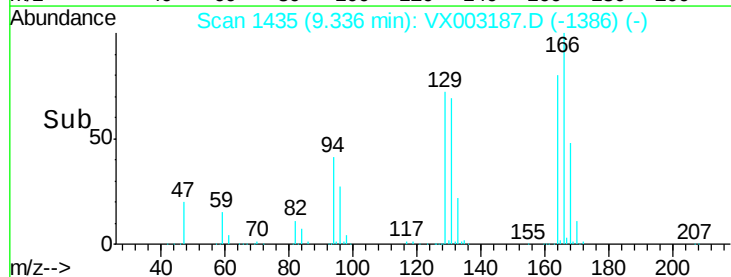
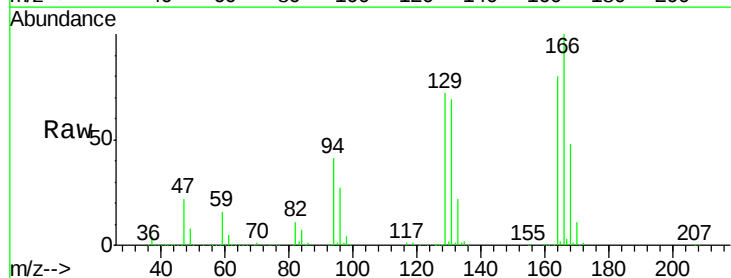
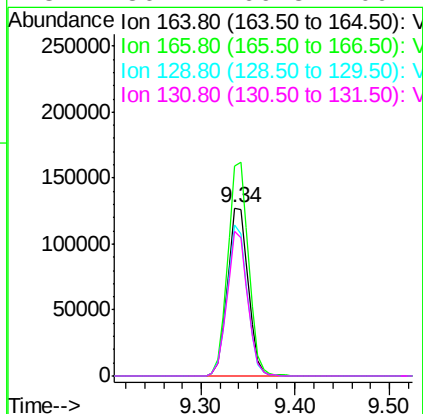
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

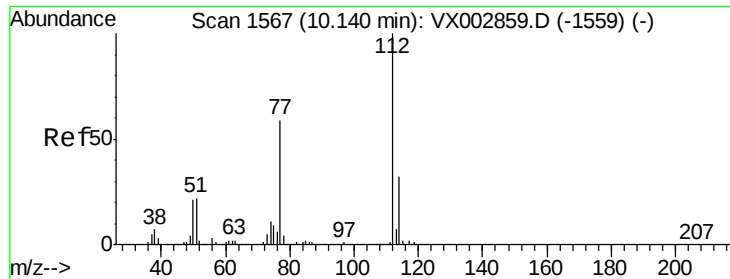
Tot Ion:117 Resp: 355053
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 49.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:164 Resp: 194387
Ion Ratio Lower Upper
164 100
166 125.0 102.9 154.3
129 89.6 68.6 102.8
131 86.4 66.8 100.2

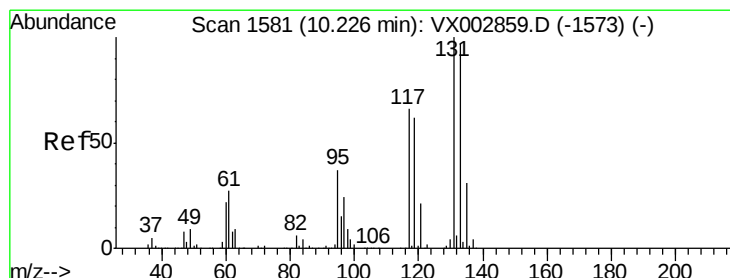
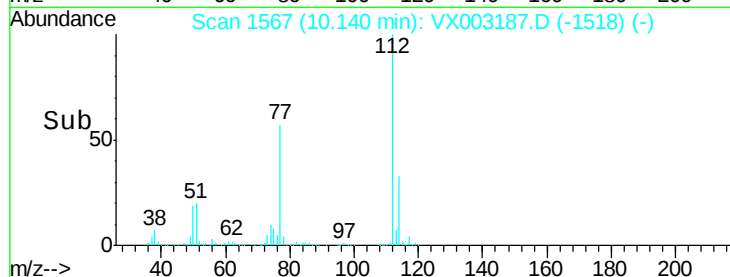
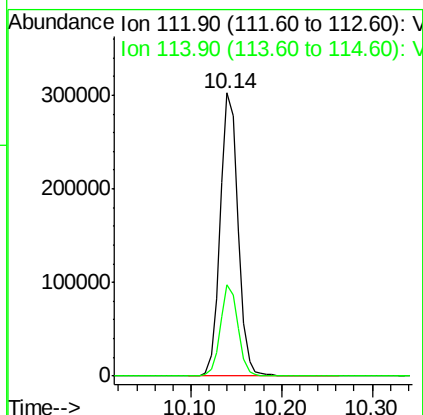
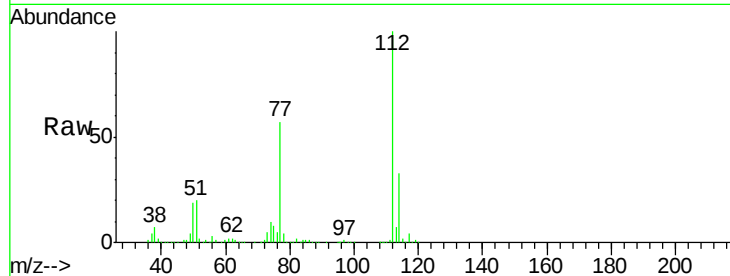




#65
Chlorobenzene
Concen: 46.12 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

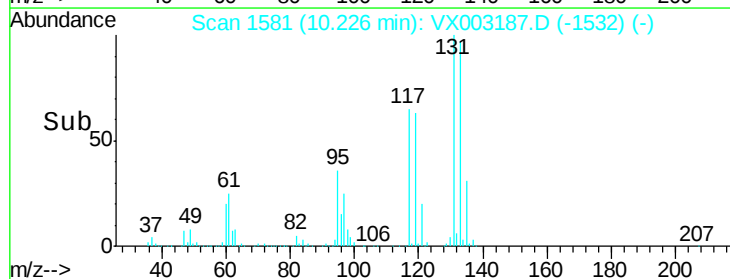
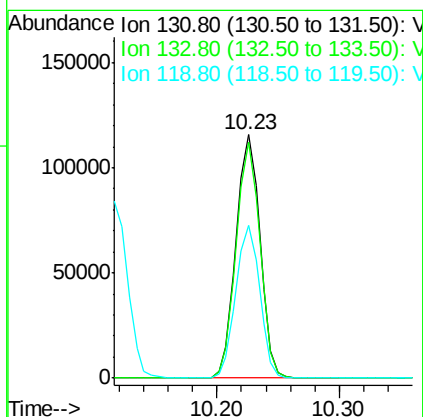
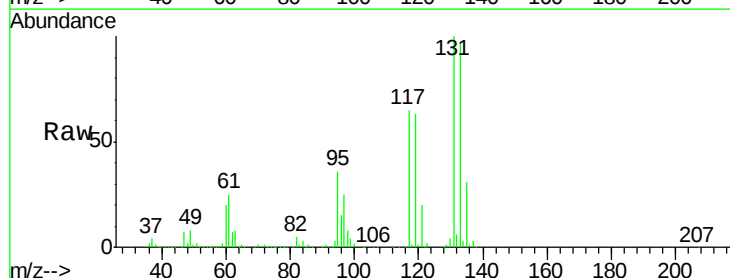
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

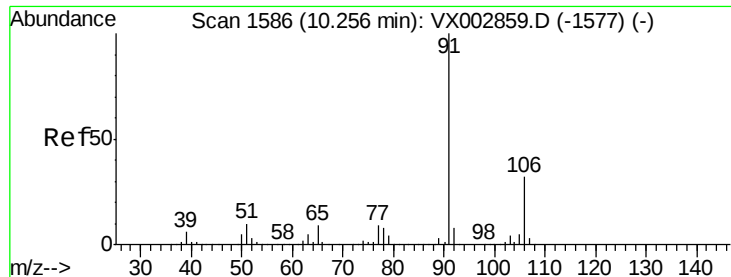
Tot Ion:112 Resp: 415883
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:131 Resp: 156572
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 63.0 31.8 95.3

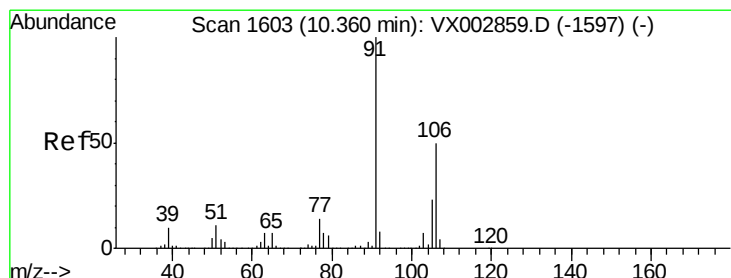
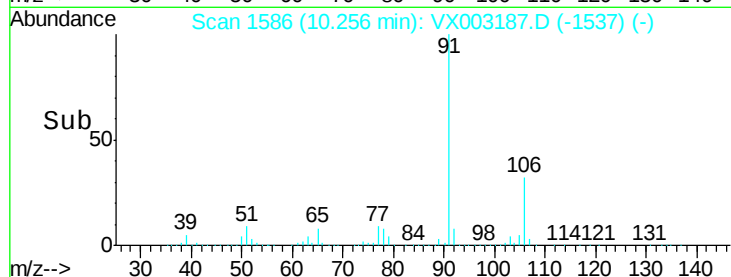
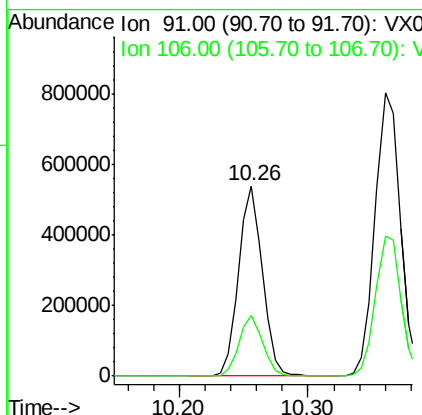
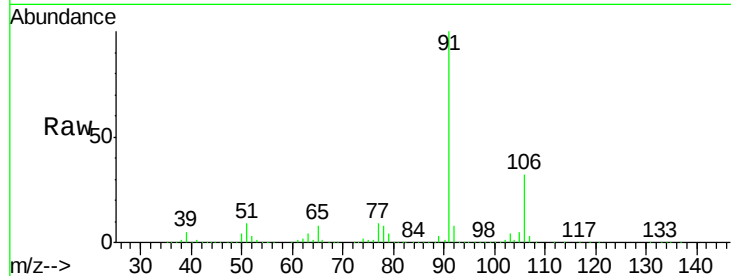




#67
Ethyl Benzene
Concen: 46.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

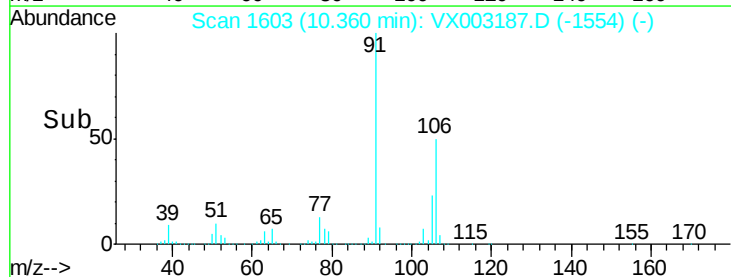
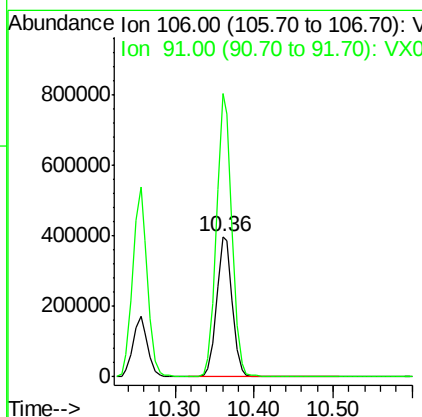
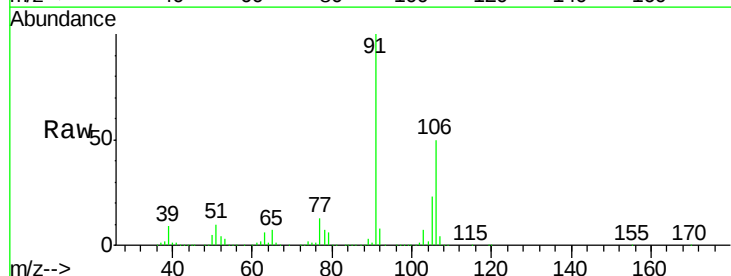
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

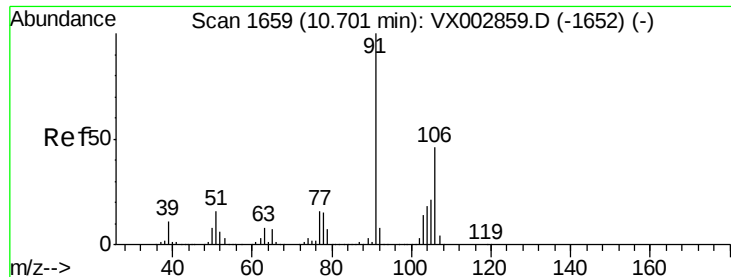
Tot Ion: 91 Resp: 696084
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 95.42 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 106 Resp: 547841
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.2

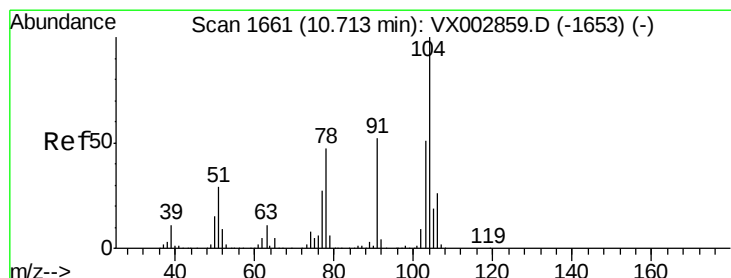
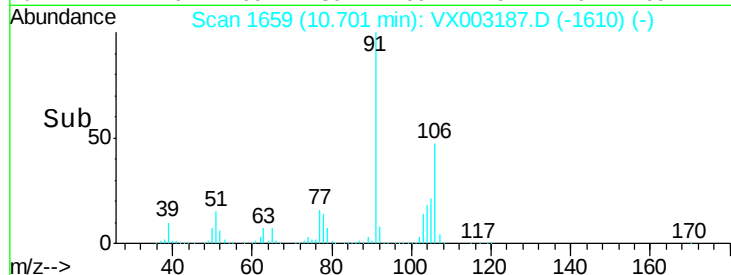
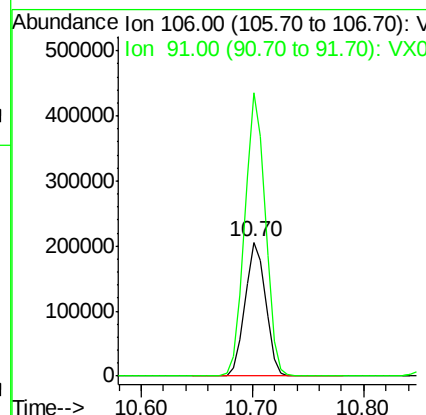
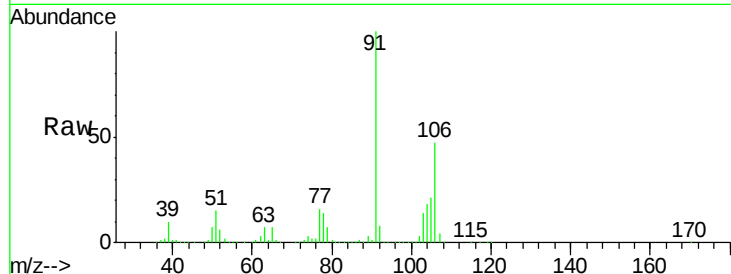




#69
o-Xylene
Concen: 47.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

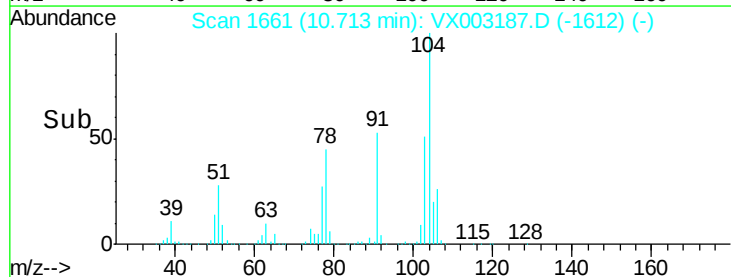
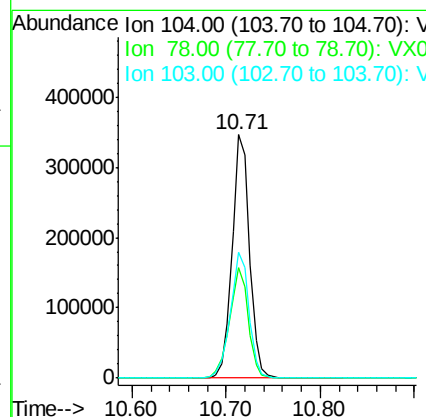
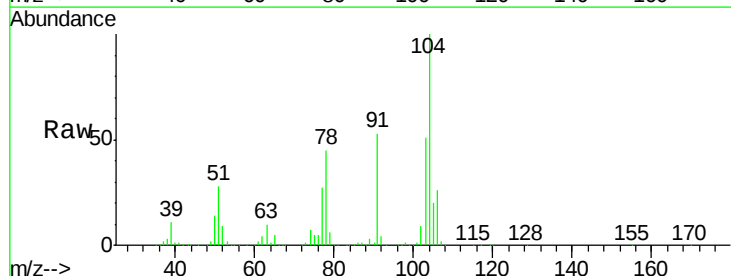
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

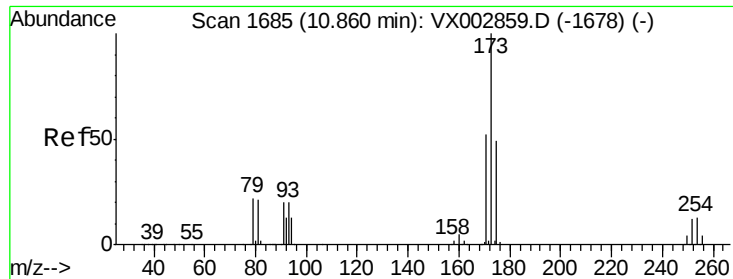
Tot Ion:106 Resp: 264948
Ion Ratio Lower Upper
106 100
91 211.5 108.2 324.6



#70
Styrene
Concen: 48.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:104 Resp: 444552
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 55.2 44.2 66.4





#71

Bromoform

Concen: 44.21 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

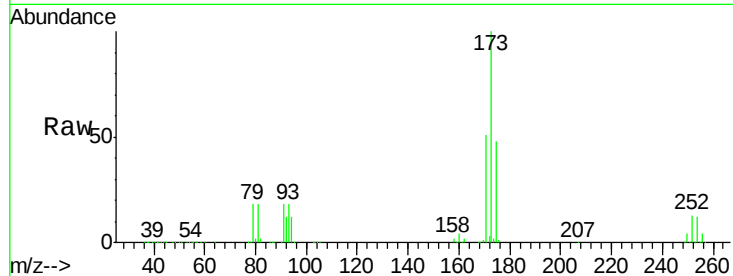
Tot Ion:173 Resp: 129423

Ion Ratio Lower Upper

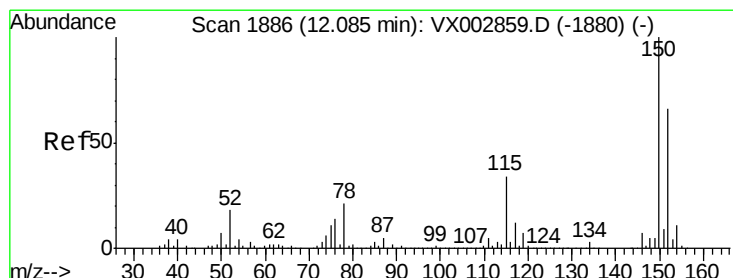
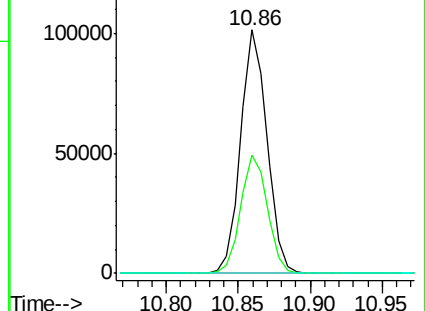
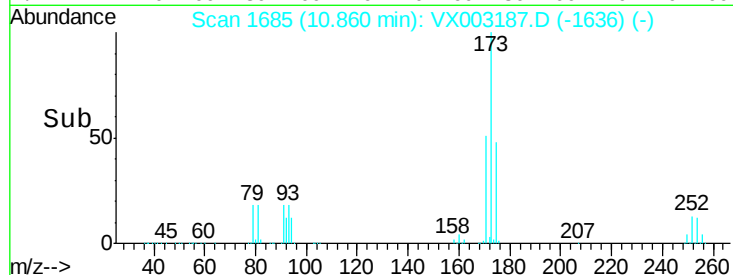
173 100

175 49.1 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# 1885

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

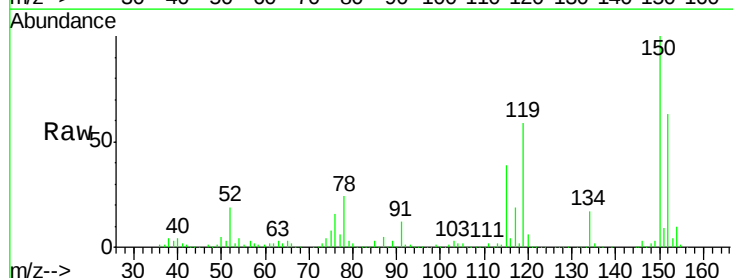
Tgt Ion:152 Resp: 229018

Ion Ratio Lower Upper

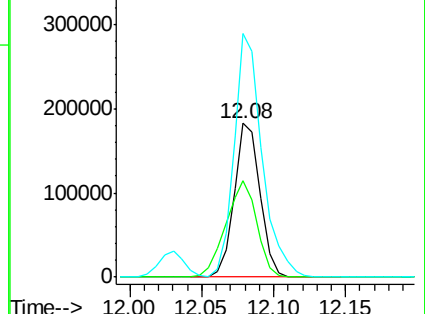
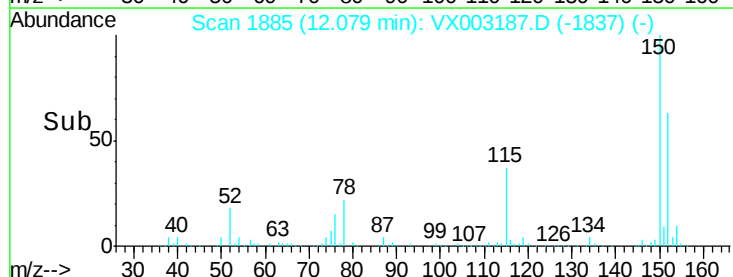
152 100

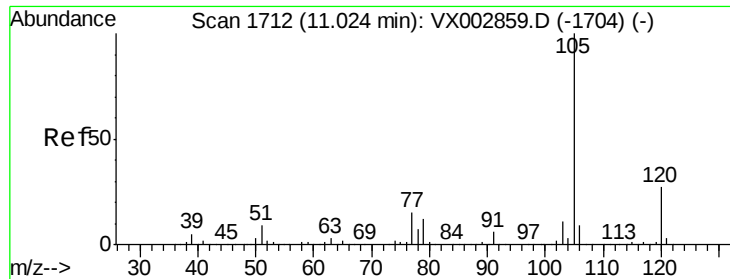
115 75.3 40.1 120.2

150 171.6 0.0 347.2



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





#73

Isopropylbenzene

Concen: 46.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

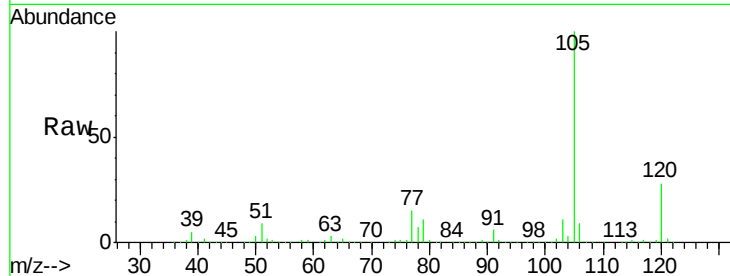
VSTDCCC050EC

Tot Ion:105 Resp: 716592

Ion Ratio Lower Upper

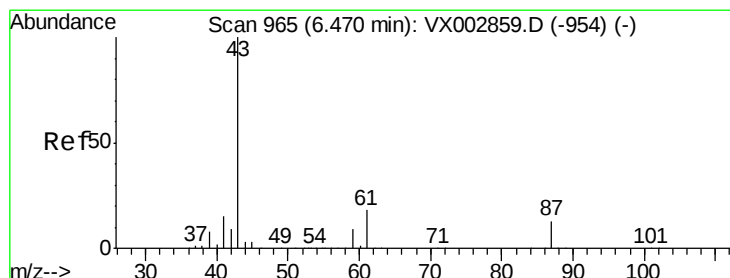
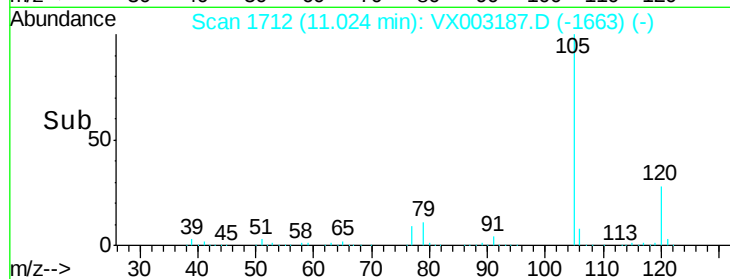
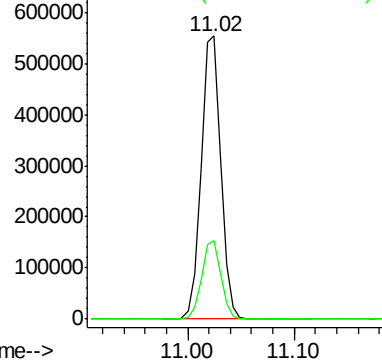
105 100

120 27.1 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: 45.61 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Tgt Ion: 43 Resp: 343851

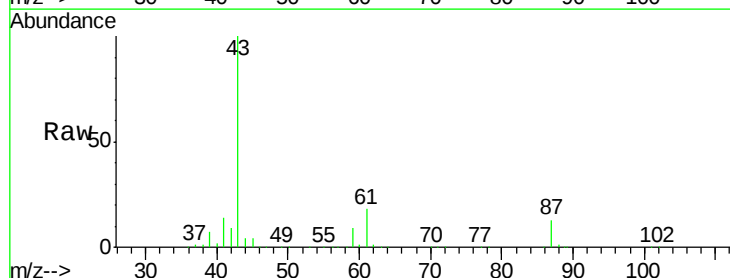
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 18.6 14.4 21.6

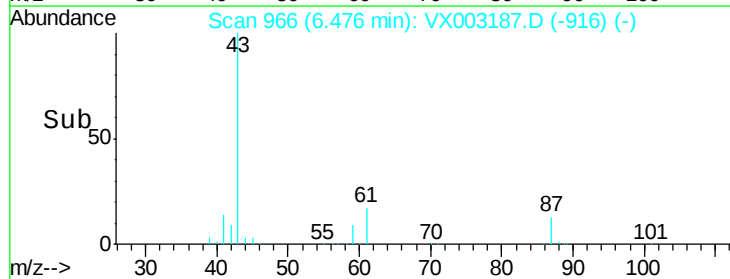
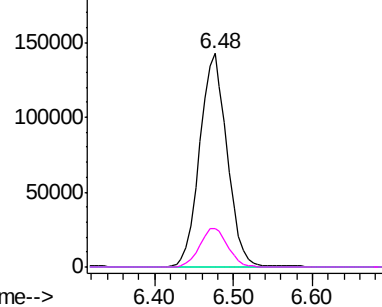


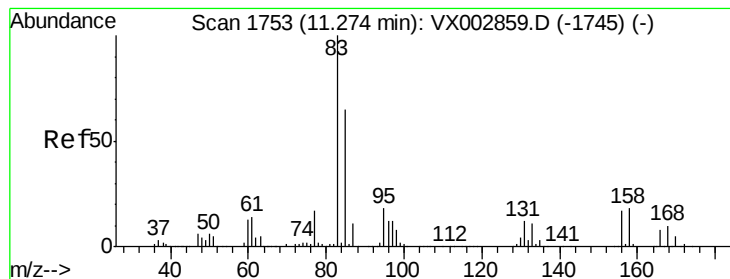
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

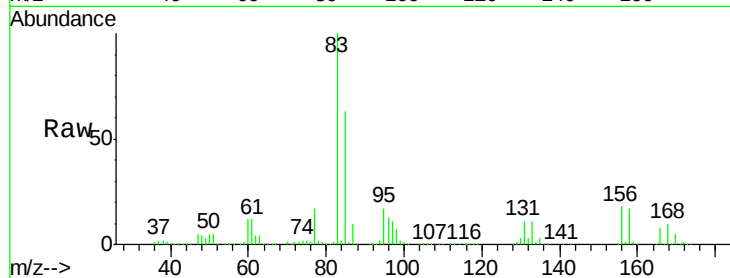
Tot Ion: 83 Resp: 219431

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

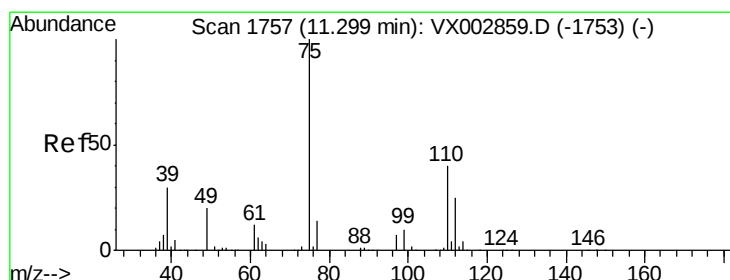
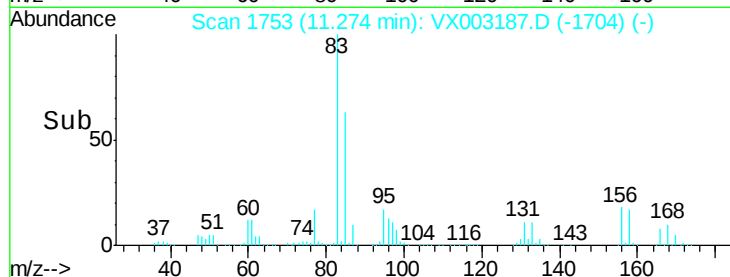
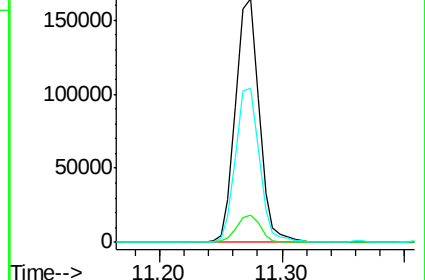
85 64.4 32.4 97.2



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: 59.83 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003187.D

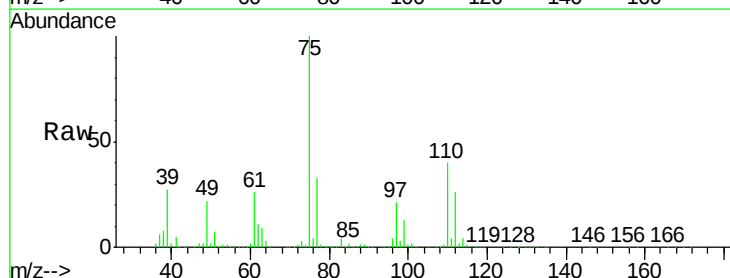
Acq: 05 Jul 2018 21:54

Tgt Ion: 75 Resp: 248216

Ion Ratio Lower Upper

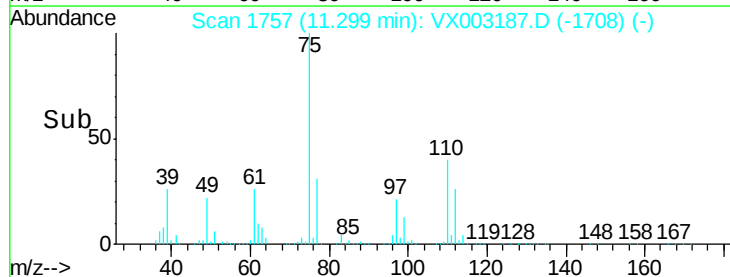
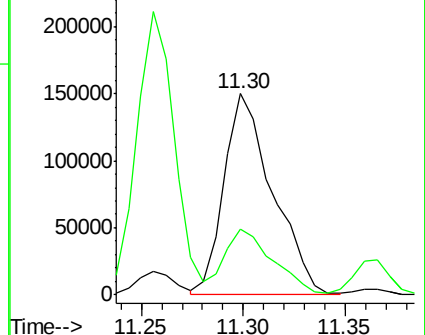
75 100

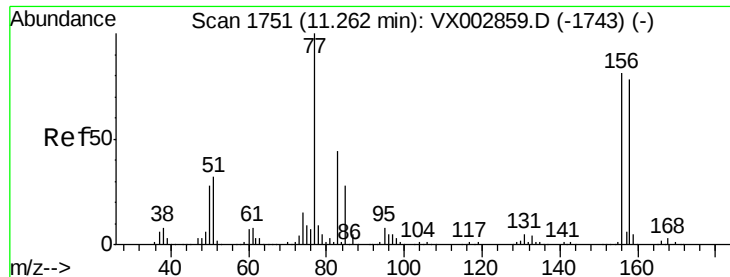
77 32.7 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.58 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

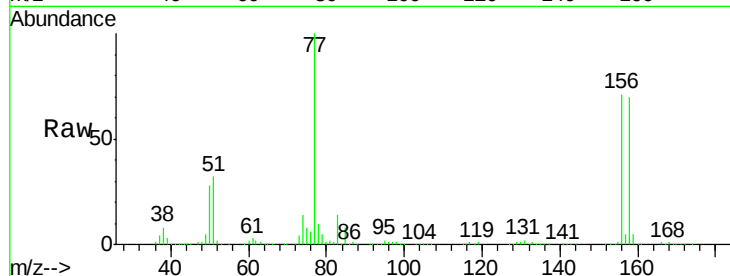
Tot Ion:156 Resp: 199989

Ion Ratio Lower Upper

156 100

77 135.4 71.4 214.2

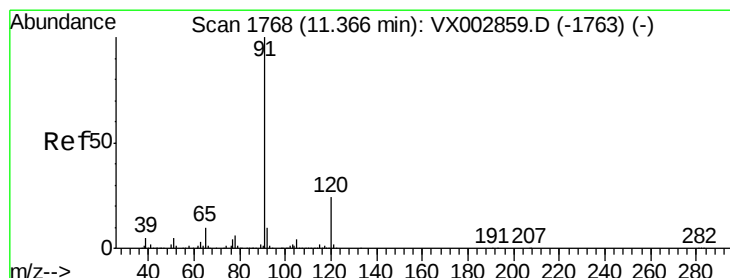
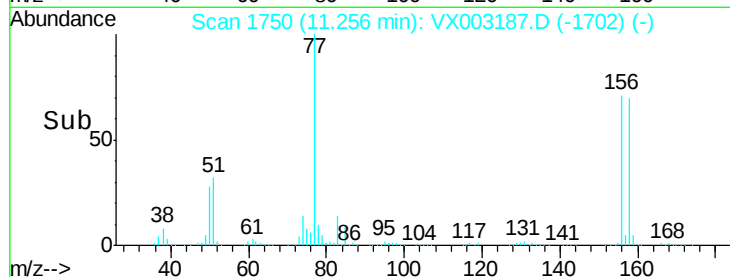
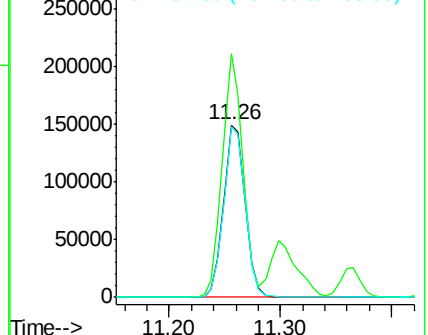
158 98.5 48.9 146.6



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: 45.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003187.D

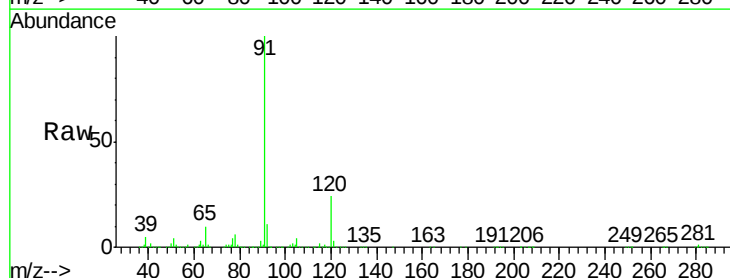
Acq: 05 Jul 2018 21:54

Tgt Ion: 91 Resp: 803319

Ion Ratio Lower Upper

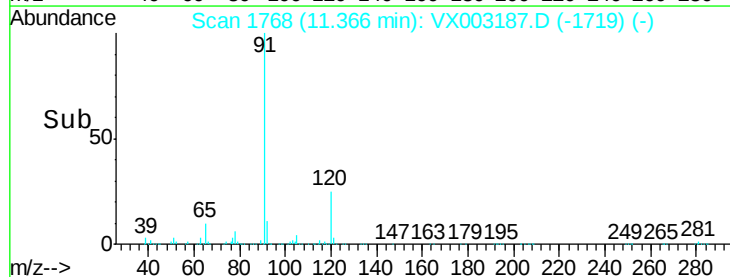
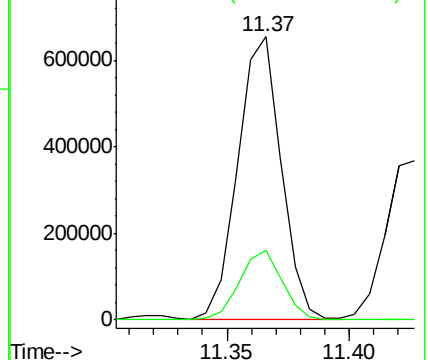
91 100

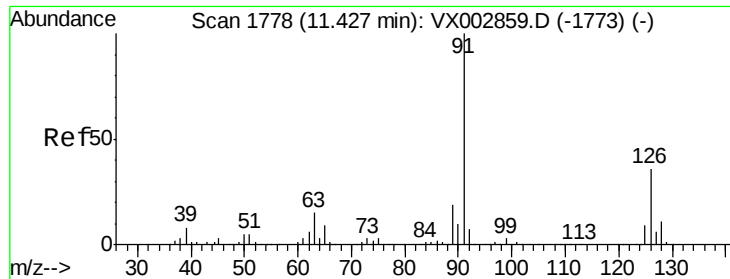
120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

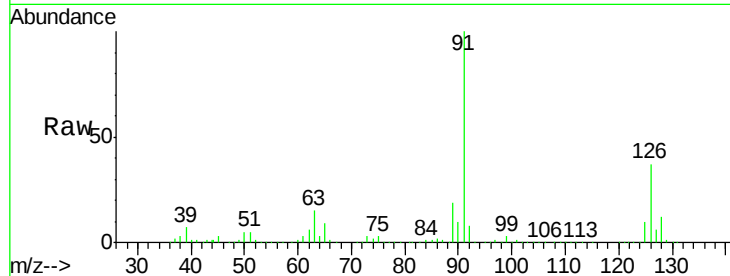
VSTDCCC050EC

Tot Ion: 91 Resp: 478788

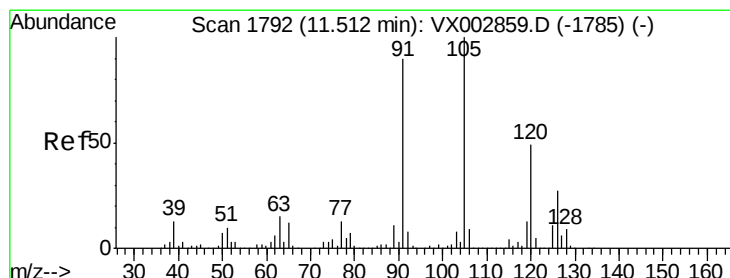
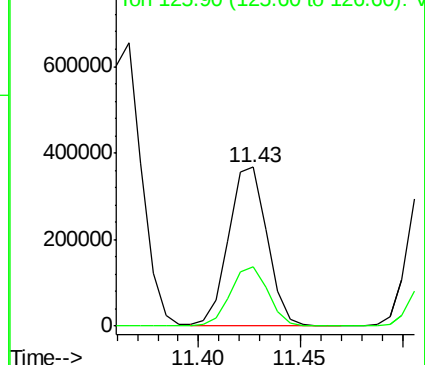
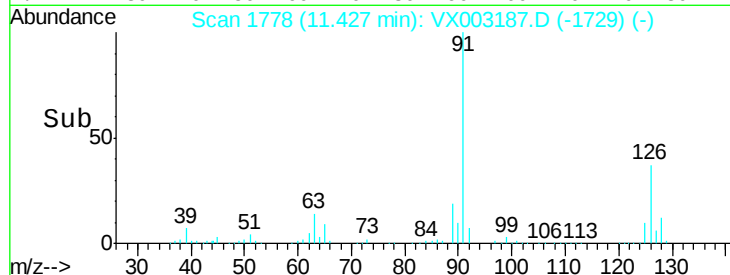
Ion Ratio Lower Upper

91 100

126 36.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003187.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003187.D

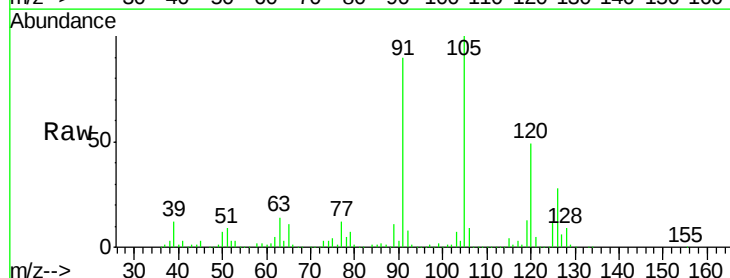
Acq: 05 Jul 2018 21:54

Tgt Ion: 105 Resp: 602928

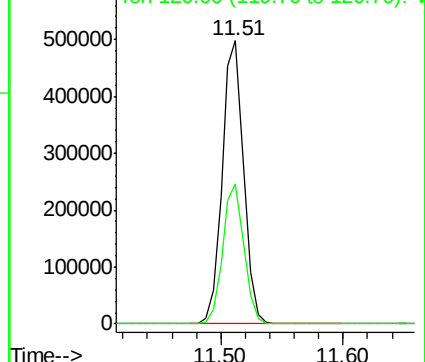
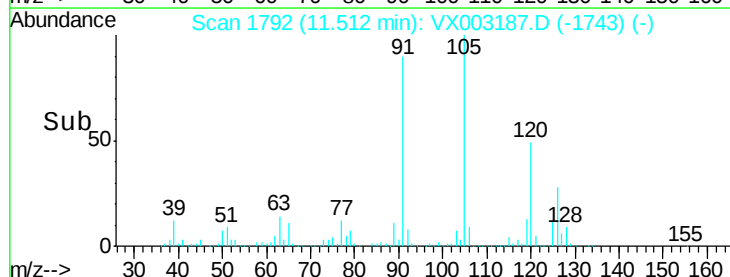
Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003187.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 38.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

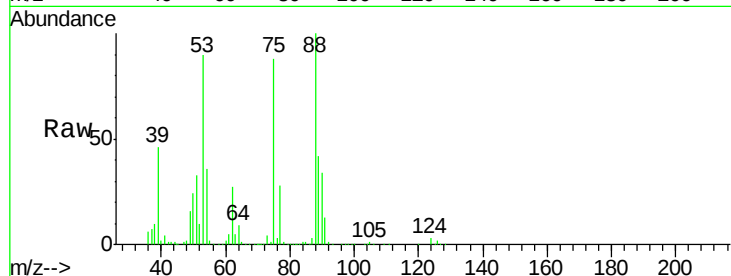
Tot Ion: 75 Resp: 53930

Ion Ratio Lower Upper

75 100

53 106.6 86.8 130.2

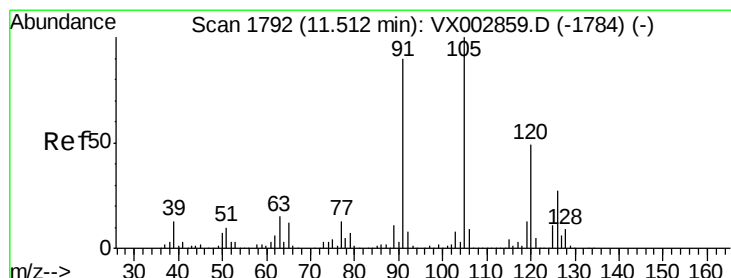
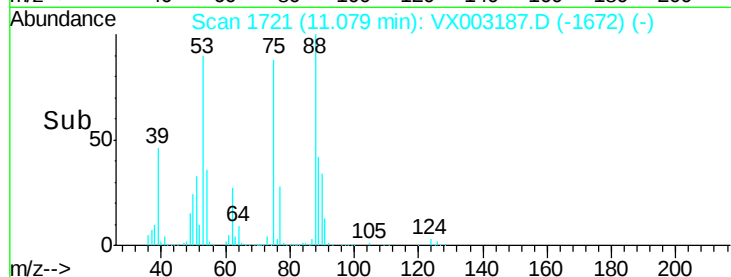
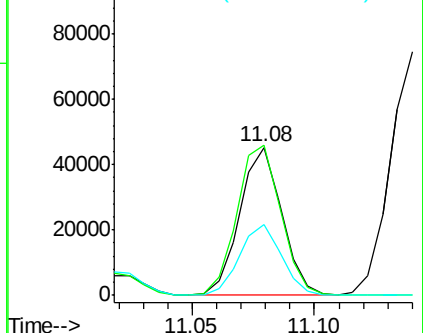
89 48.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 44.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003187.D

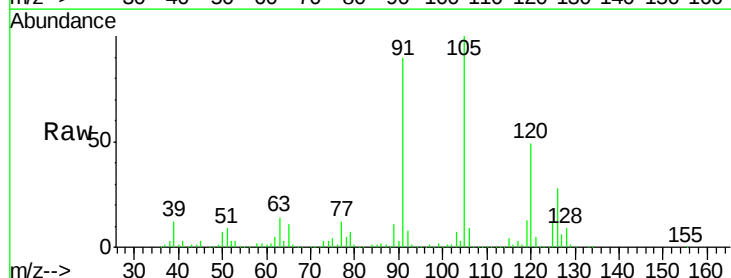
Acq: 05 Jul 2018 21:54

Tgt Ion: 91 Resp: 559763

Ion Ratio Lower Upper

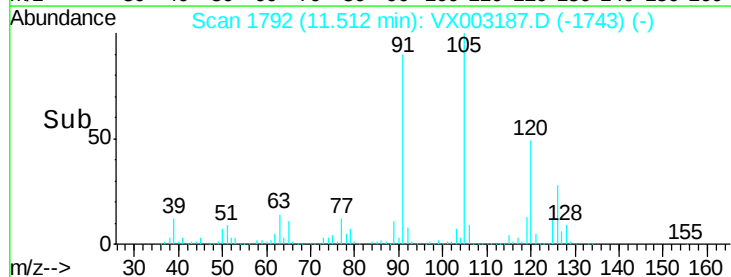
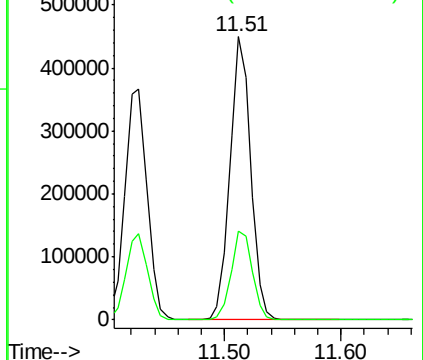
91 100

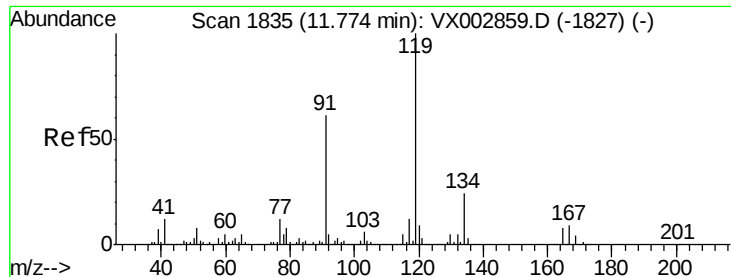
126 32.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

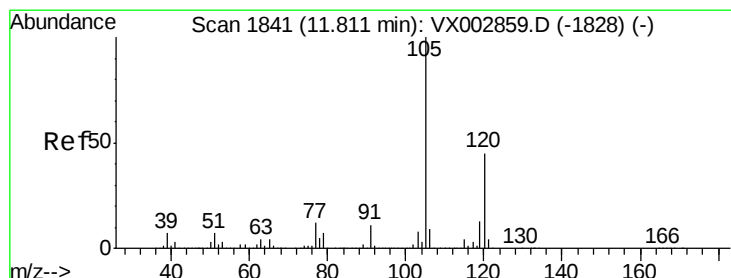
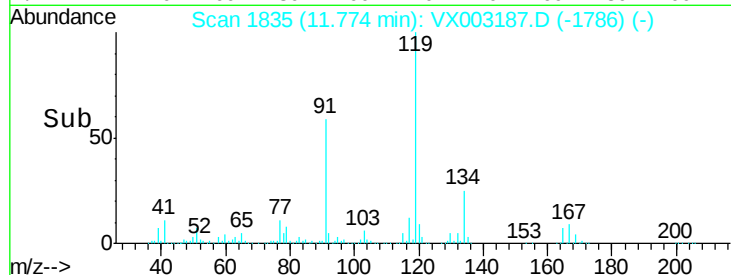
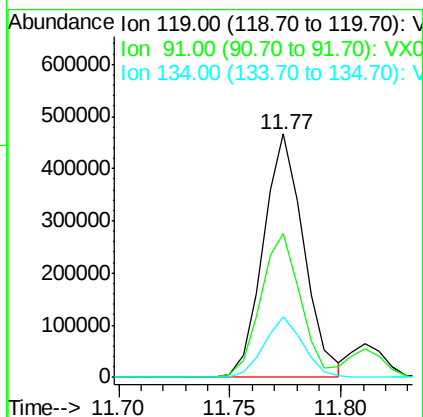
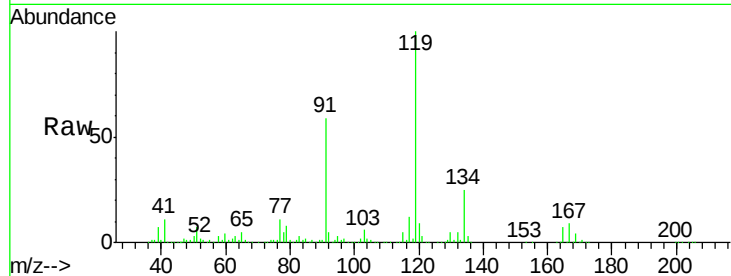




#83
tert-Butylbenzene
Concen: 46.19 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

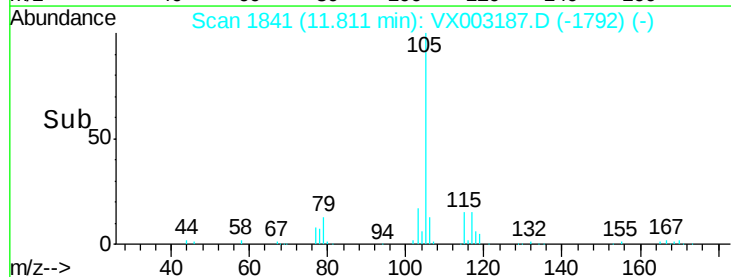
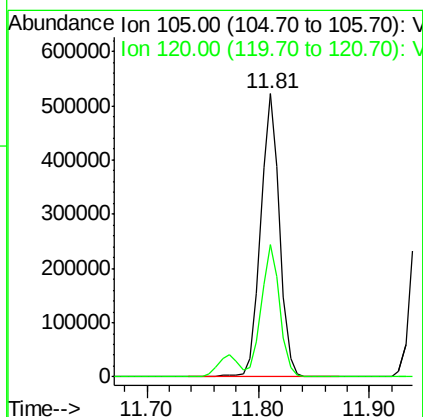
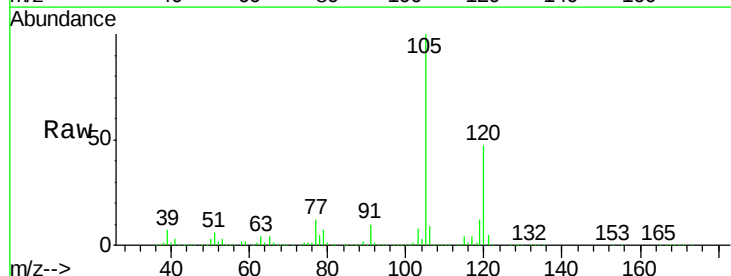
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

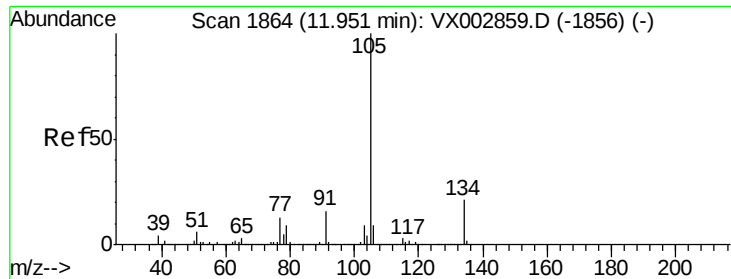
Tot Ion:119 Resp: 590723
Ion Ratio Lower Upper
119 100
91 58.6 30.3 90.9
134 23.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 45.92 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion:105 Resp: 617363
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 45.93 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

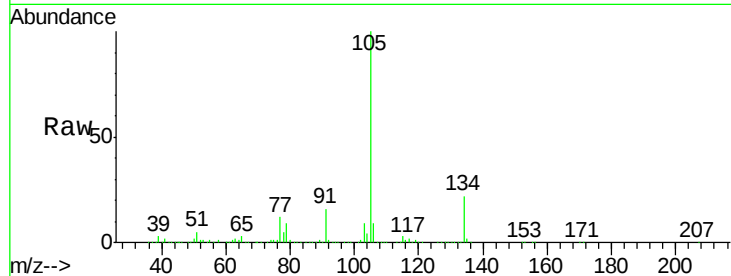
VSTDCCC050EC

Tot Ion:105 Resp: 712546

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

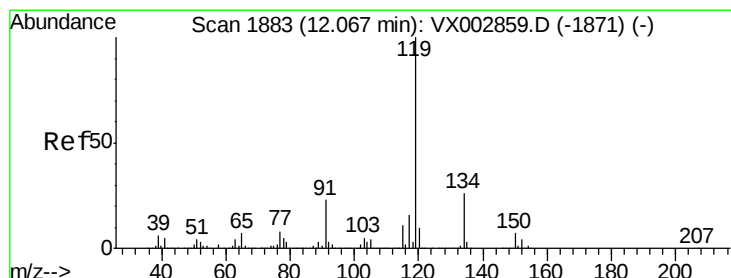
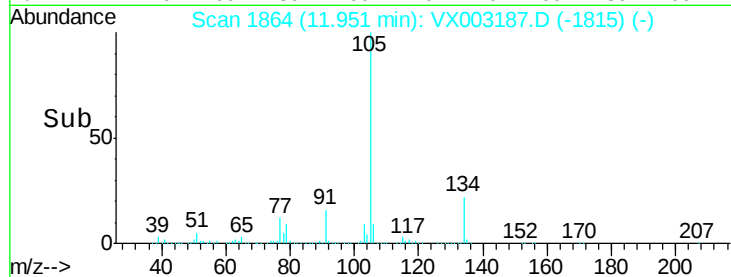
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.11 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

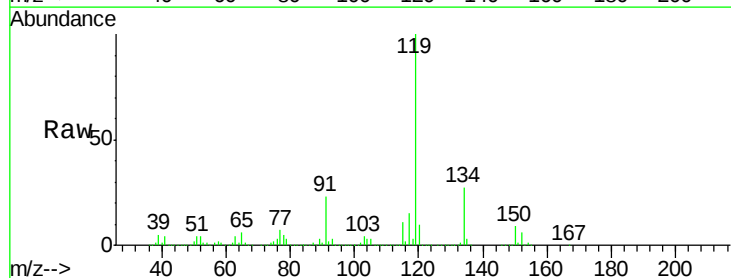
Tgt Ion:119 Resp: 657144

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.7 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): VX0

12.07

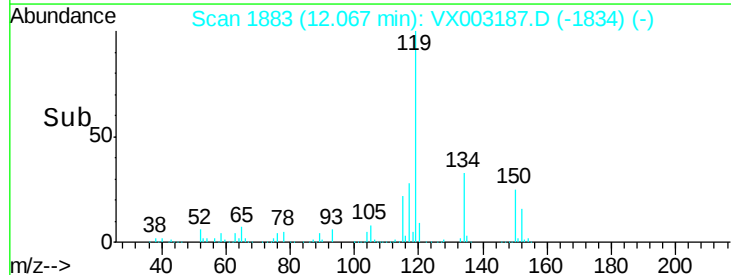
600000

400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 45.91 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

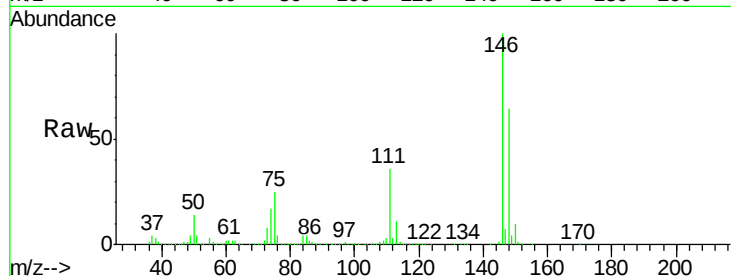
Tot Ion:146 Resp: 367888

Ion Ratio Lower Upper

146 100

111 36.2 18.9 56.7

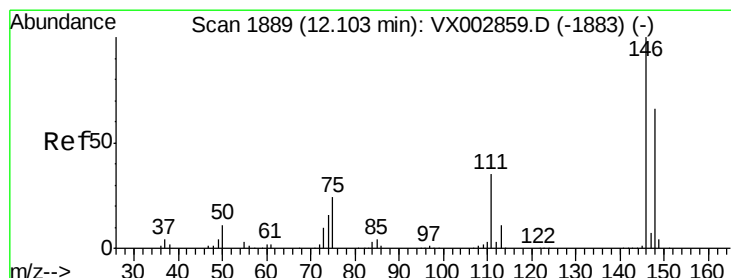
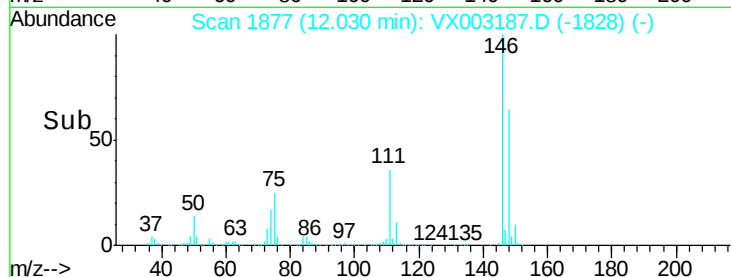
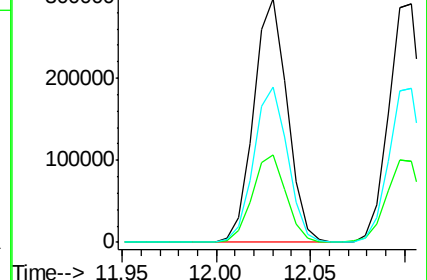
148 64.1 32.1 96.3



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: 45.09 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

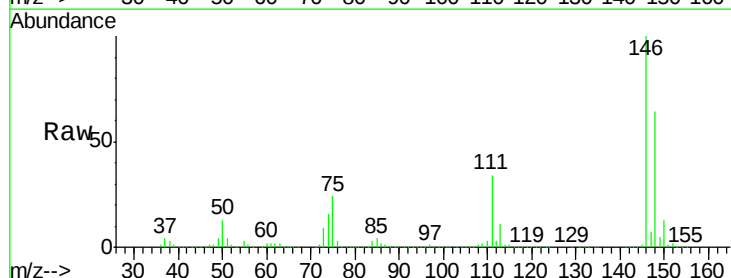
Tgt Ion:146 Resp: 371845

Ion Ratio Lower Upper

146 100

111 35.8 18.7 56.1

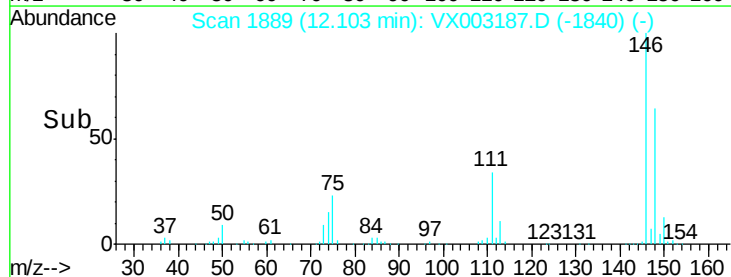
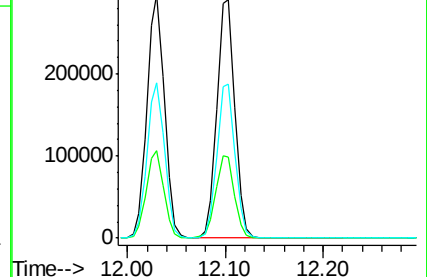
148 64.8 32.4 97.0

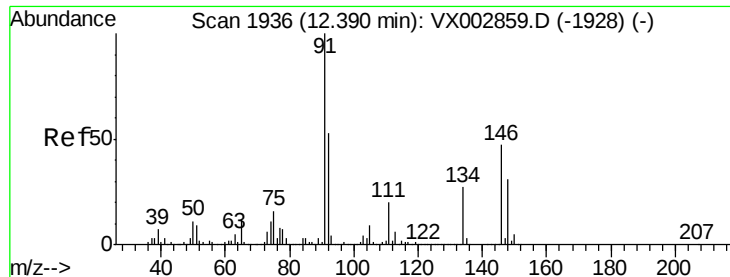


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

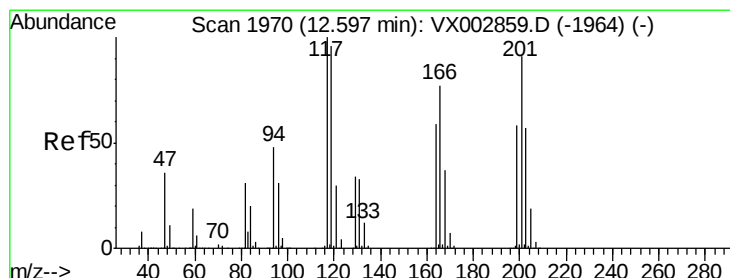
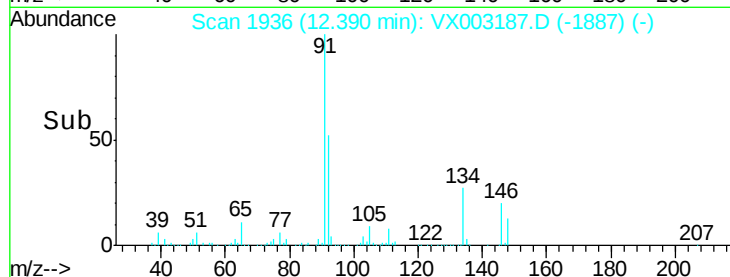
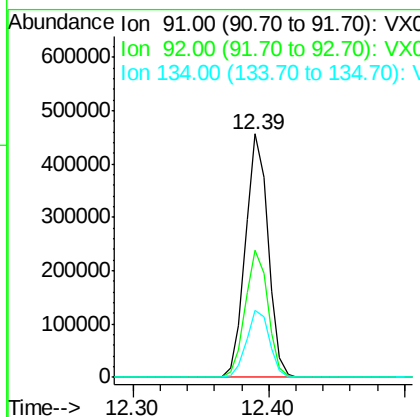
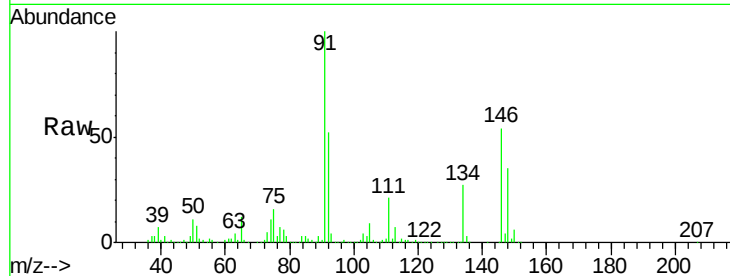




#89
n-Butylbenzene
Concen: 43.83 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

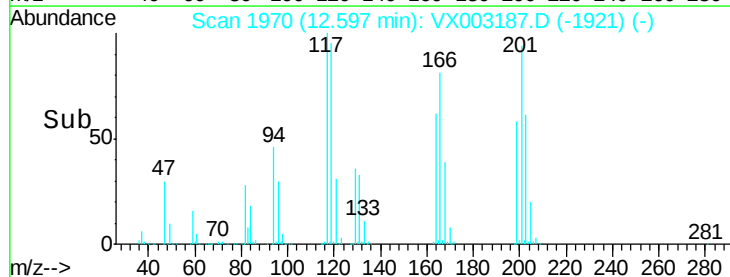
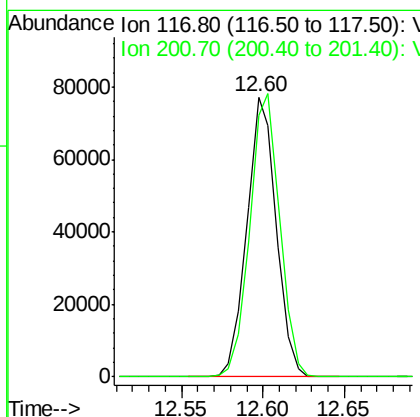
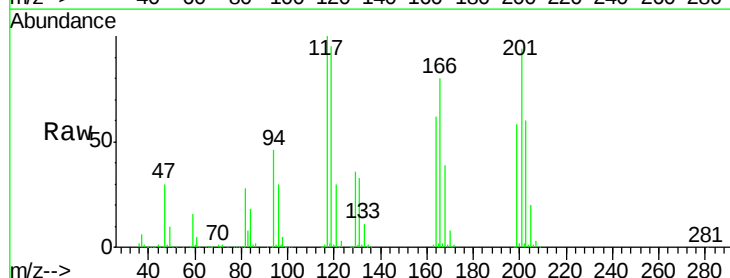
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 532098
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 28.2 13.5 40.5



#90
Hexachloroethane
Concen: 46.76 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003187.D
Acq: 05 Jul 2018 21:54

Tgt Ion: 117 Resp: 97016
Ion Ratio Lower Upper
117 100
201 103.0 49.0 147.0

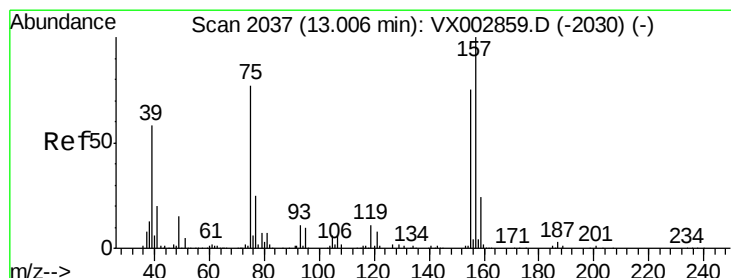
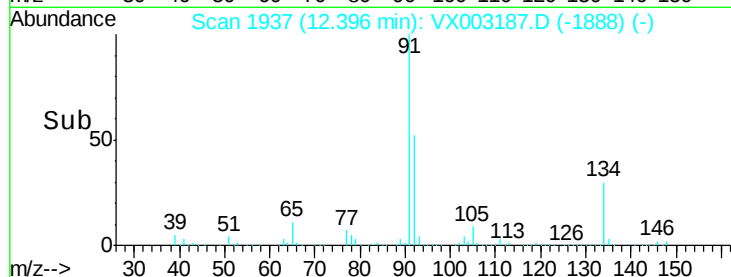
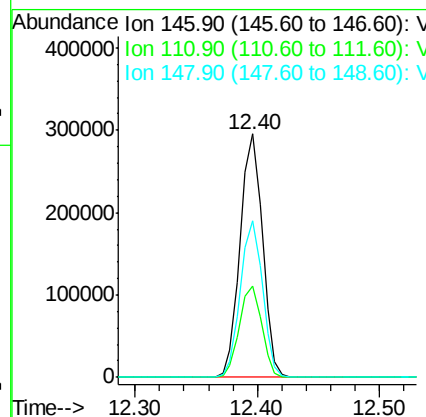
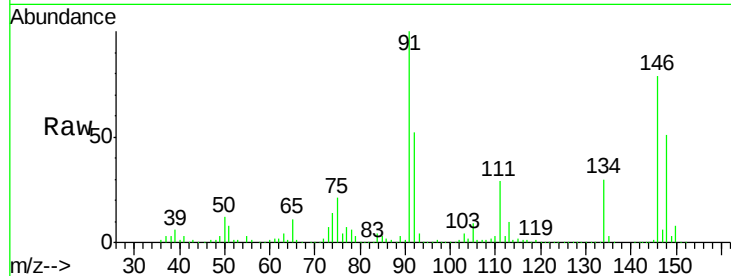




#91
 1,2-Dichlorobenzene
 Concen: 45.92 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

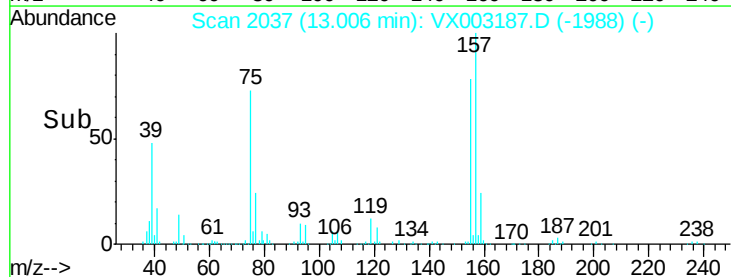
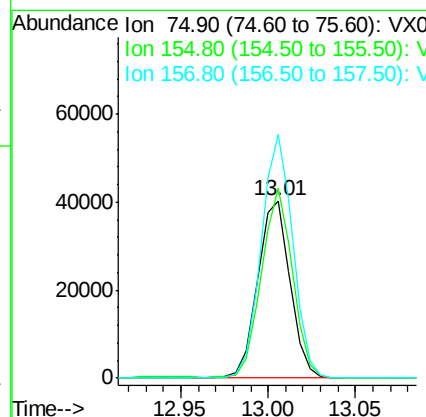
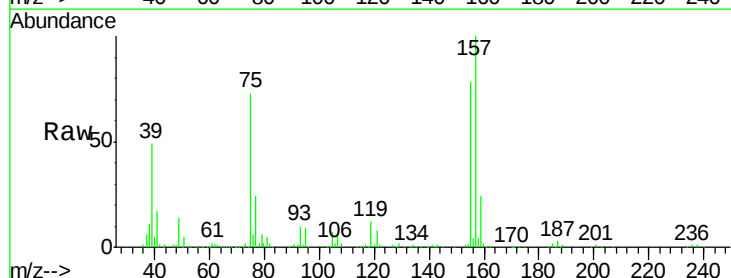
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 371363
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.4 58.1
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.40 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion: 75 Resp: 51641
 Ion Ratio Lower Upper
 75 100
 155 103.7 45.8 137.4
 157 133.6 60.1 180.3

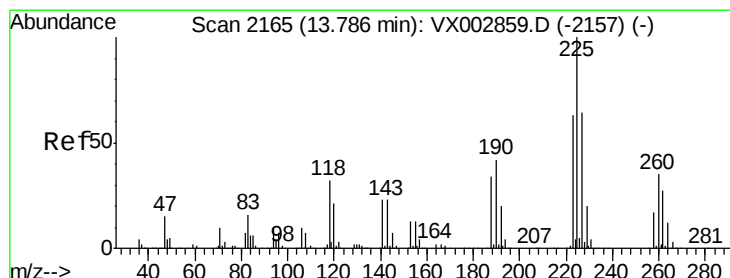
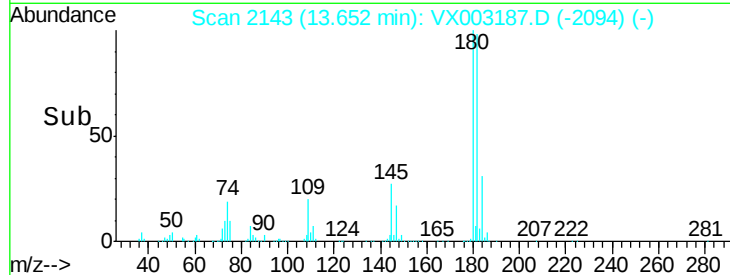
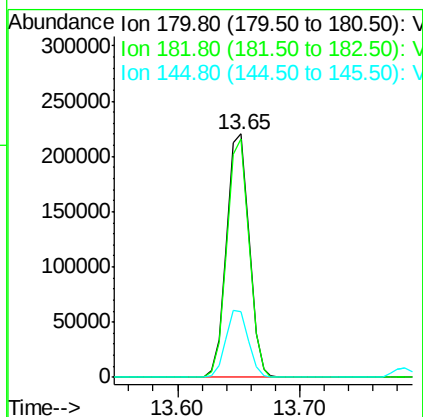
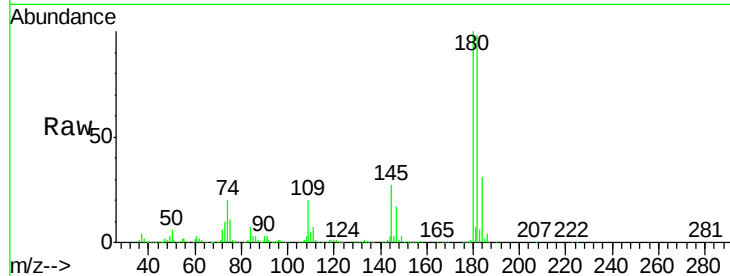




#93
 1,2,4-Trichlorobenzene
 Concen: 47.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

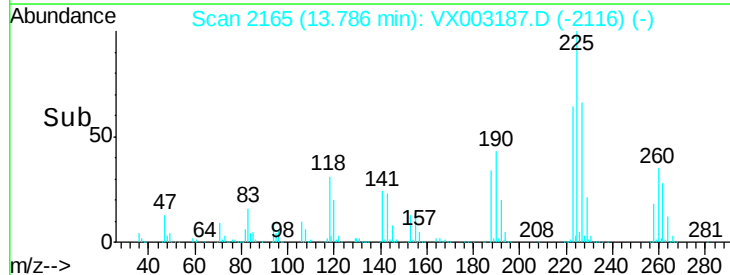
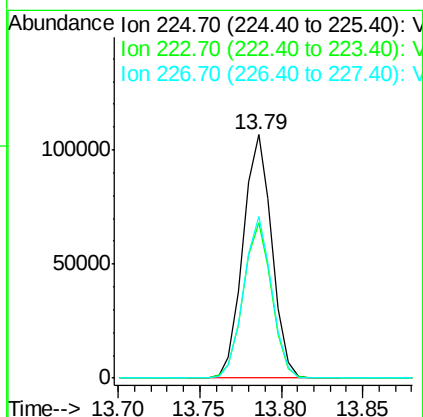
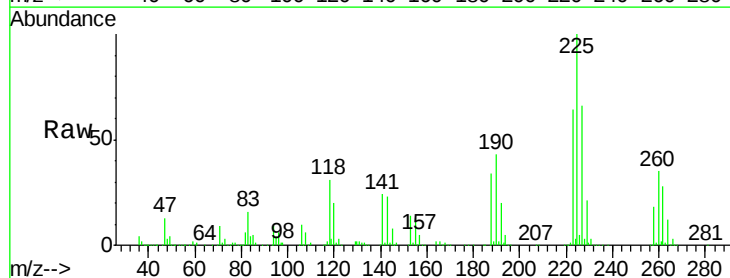
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

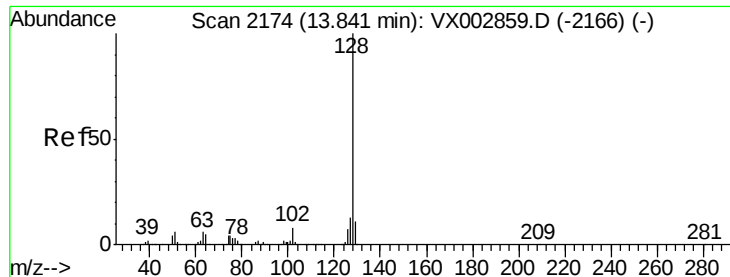
Tot Ion:180 Resp: 280345
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 44.68 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003187.D
 Acq: 05 Jul 2018 21:54

Tgt Ion:225 Resp: 131156
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.7 32.4 97.2





#95

Naphthalene

Concen: 51.40 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

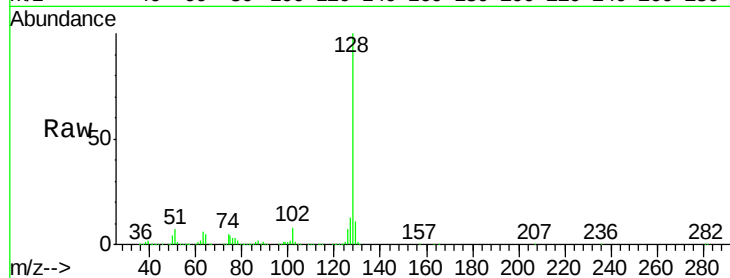
Tot Ion:128 Resp: 805867

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.6 13.0

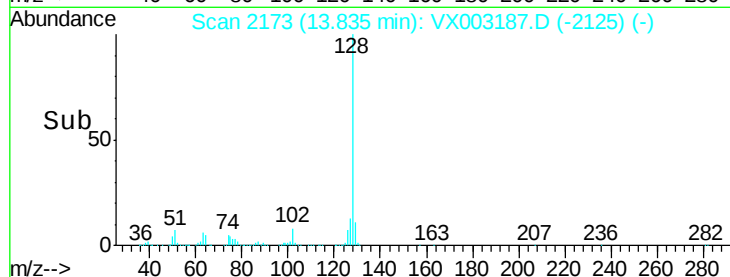


Abundance Ion 128.00 (127.70 to 128.70): V

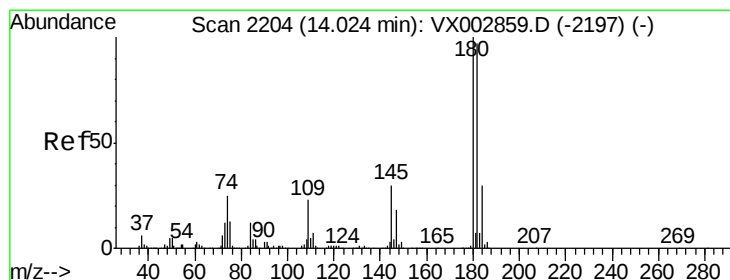
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 48.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003187.D

Acq: 05 Jul 2018 21:54

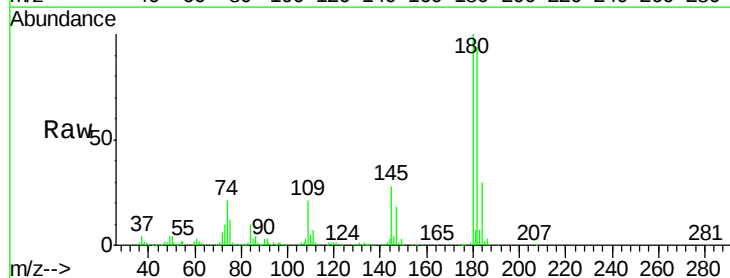
Tgt Ion:180 Resp: 284634

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 28.8 14.8 44.3

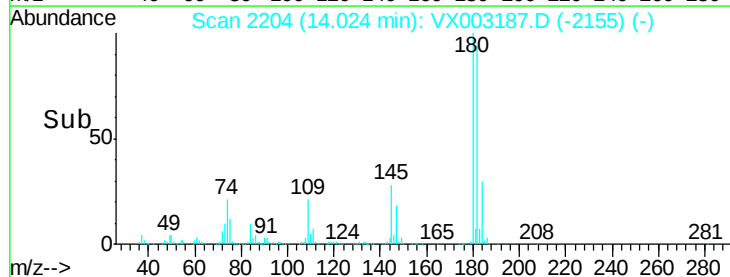


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->