

Data File : VX001616.D

Acq On : 10 May 2018 21:42

Operator : JC/MD

Sample : VSTDCCC050EC

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 11 07:02:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160898	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	131841	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	470000	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.14	95	178392	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143309	46.39	ug/l	99
3) Chloromethane	1.32	50	140818	46.80	ug/l	99
4) Vinyl Chloride	1.40	62	148724	47.36	ug/l	99
5) Bromomethane	1.64	94	64327	44.37	ug/l	99
6) Chloroethane	1.72	64	100916	48.62	ug/l	97
7) Trichlorofluoromethane	1.92	101	233963	49.51	ug/l	99
8) Diethyl Ether	2.19	74	93348	50.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131857	47.59	ug/l	99
10) Methyl Iodide	2.51	142	175478	43.90	ug/l	100
11) Tert butyl alcohol	3.09	59	189052	271.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125267	49.33	ug/l	99
13) Acrolein	2.30	56	28305	204.33	ug/l	95
14) Allyl chloride	2.73	41	238384	50.35	ug/l	98
15) Acrylonitrile	3.15	53	419473	266.93	ug/l	100
16) Acetone	2.45	43	370313	247.25	ug/l	99
17) Carbon Disulfide	2.57	76	290250	44.91	ug/l	99
18) Methyl Acetate	2.78	43	229846	58.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	456895	51.68	ug/l	99
20) Methylene Chloride	2.86	84	143692	48.45	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	135552	47.83	ug/l	96
22) Diisopropyl ether	3.88	45	447186	50.55	ug/l	99
23) Vinyl Acetate	3.83	43	1862631	252.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258055	52.22	ug/l	99
25) 2-Butanone	4.72	43	572490	264.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	166105	43.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151874	50.32	ug/l	97
28) Bromochloromethane	5.03	49	116270	54.27	ug/l	98
29) Tetrahydrofuran	5.18	42	369980	267.09	ug/l	100
30) Chloroform	5.22	83	267175	52.49	ug/l	97
31) Cyclohexane	5.57	56	204708	48.23	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	235805	53.00	ug/l	100
36) 1,1-Dichloropropene	5.81	75	184864	48.40	ug/l	99
37) Ethyl Acetate	4.87	43	218913	52.28	ug/l	100
38) Carbon Tetrachloride	5.79	117	210349	51.63	ug/l	98

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MSVOA_X
ClientSampleId :
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Quant Time: May 11 07:02:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212376	47.03	ug/l	98
40) Benzene	6.15	78	567554	50.87	ug/l	100
41) Methacrylonitrile	5.07	41	124335	51.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	222144	51.80	ug/l	99
43) Isopropyl Acetate	6.48	43	342242	53.24	ug/l	100
44) Trichloroethene	7.22	130	170895	50.11	ug/l	99
45) 1,2-Dichloropropane	7.53	63	145992	52.49	ug/l	98
46) Dibromomethane	7.67	93	101923	51.76	ug/l	99
47) Bromodichloromethane	7.90	83	199307	54.69	ug/l	99
48) Methyl methacrylate	7.79	41	186266	53.22	ug/l	99
49) 1,4-Dioxane	7.76	88	81820	1081.99	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1176993	275.55	ug/l	99
52) Toluene	8.79	92	372413	51.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	221625	53.81	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	198369	46.74	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154513	52.57	ug/l	96
56) Ethyl methacrylate	9.19	69	228848	54.01	ug/l	98
57) 1,3-Dichloropropane	9.38	76	250880	51.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	590170	284.00	ug/l	99
59) 2-Hexanone	9.51	43	890979	272.40	ug/l	99
60) Dibromochloromethane	9.59	129	164676	54.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	161779	52.42	ug/l	100
64) Tetrachloroethene	9.34	164	201867	50.28	ug/l	99
65) Chlorobenzene	10.15	112	426363	50.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161913	53.59	ug/l	100
67) Ethyl Benzene	10.26	91	708360	51.16	ug/l	100
68) m/p-Xylenes	10.37	106	563441	102.99	ug/l	100
69) o-Xylene	10.71	106	276352	51.98	ug/l	99
70) Styrene	10.72	104	464534	53.78	ug/l	98
71) Bromoform	10.87	173	136863	47.31	ug/l	100
73) Isopropylbenzene	11.02	105	744413	51.71	ug/l	100
74) N-amyl acetate	6.48	43	342242	52.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	226083	53.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	267216	63.36	ug/l	87
77) Bromobenzene	11.26	156	210187	50.22	ug/l	100
78) n-propylbenzene	11.37	91	820507	52.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	495124	51.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	618650	51.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59191	45.20	ug/l	98
82) 4-Chlorotoluene	11.52	91	573954	51.57	ug/l	100
83) tert-Butylbenzene	11.77	119	606133	50.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	641219	52.05	ug/l	100
85) sec-Butylbenzene	11.95	105	752837	52.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	689445	52.50	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	380469	50.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	383312	50.23	ug/l	100
89) n-Butylbenzene	12.40	91	560814	51.54	ug/l	99
90) Hexachloroethane	12.60	117	108967	55.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	386662	50.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54835	58.70	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\
Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: May 11 07:02:06 2018
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285506	51.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	151479	49.70	ug/l	99
95) Naphthalene	13.84	128	843033	54.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299553	52.41	ug/l	99

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

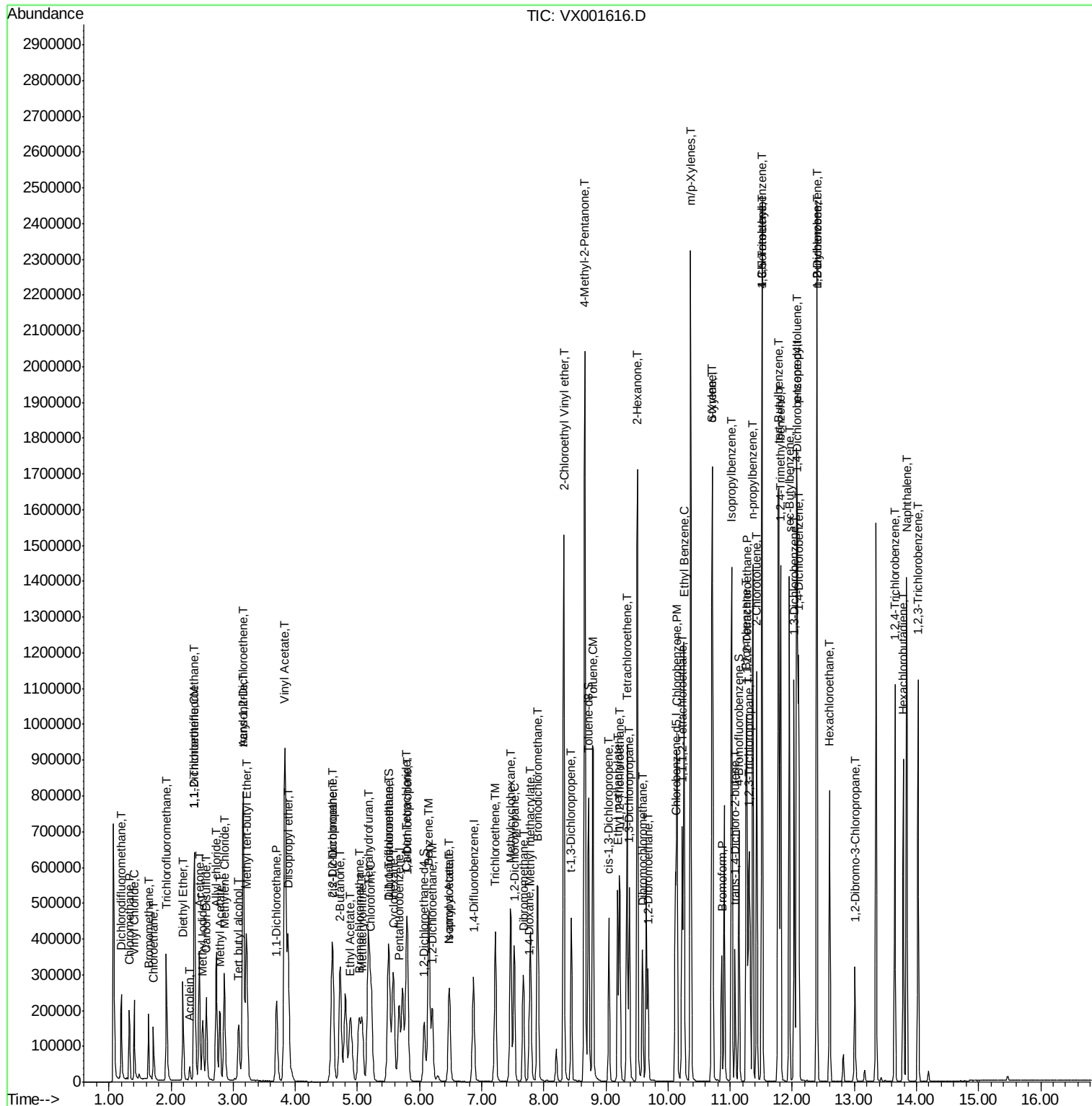
ALS Vial : 21 Sample Multiplier: 1

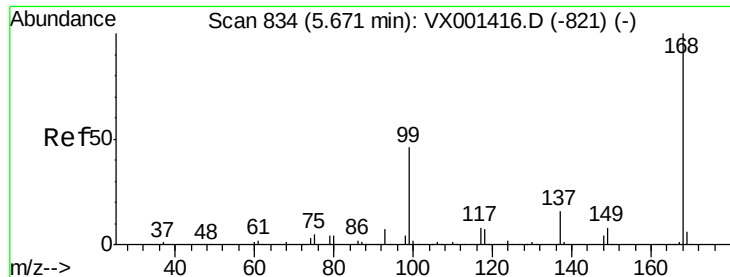
MSVOA_X

ClientSampleId :

VSTDC050EC

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

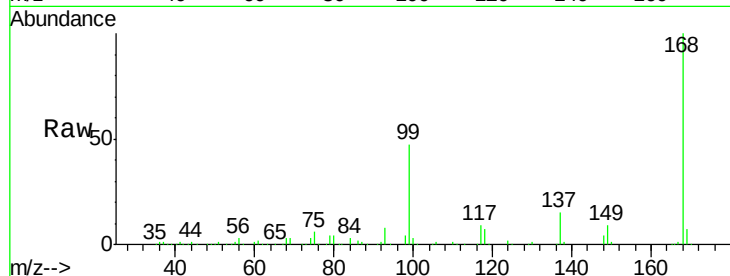
VSTDCCC050EC

Tgt Ion:168 Resp: 229486

Ion Ratio Lower Upper

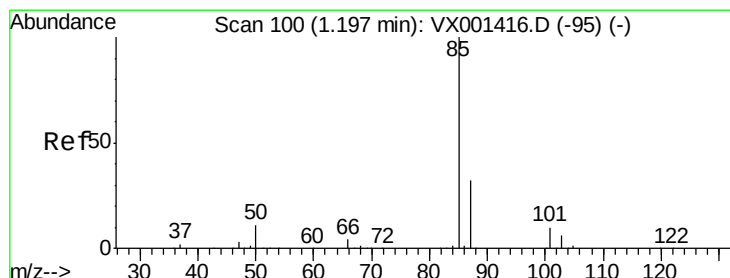
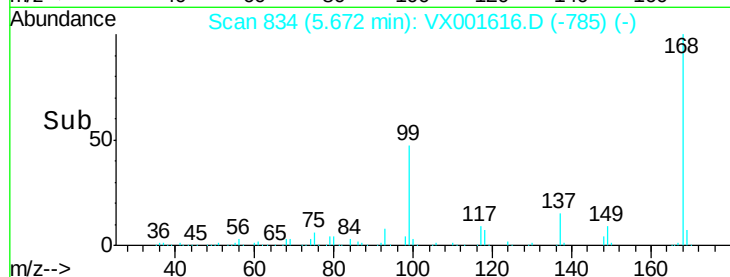
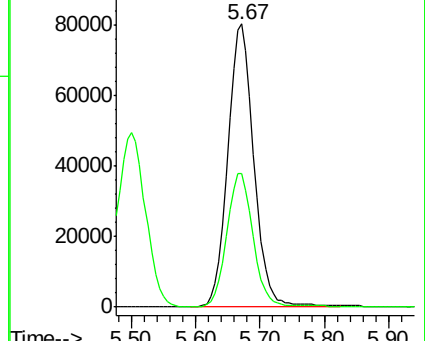
168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001616.D

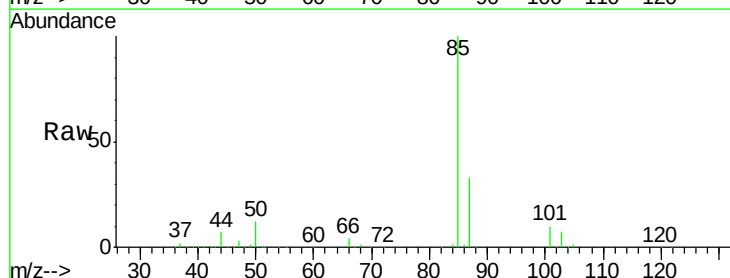
Acq: 10 May 2018 21:42

Tgt Ion: 85 Resp: 143309

Ion Ratio Lower Upper

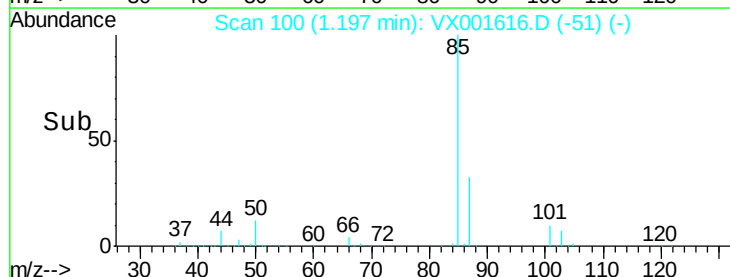
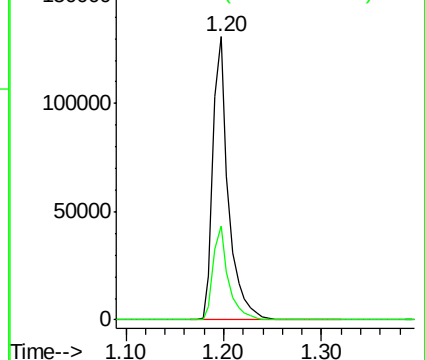
85 100

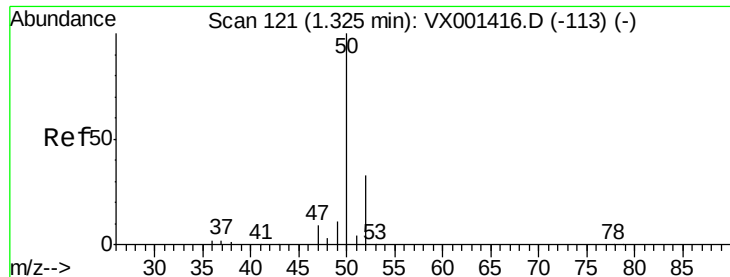
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

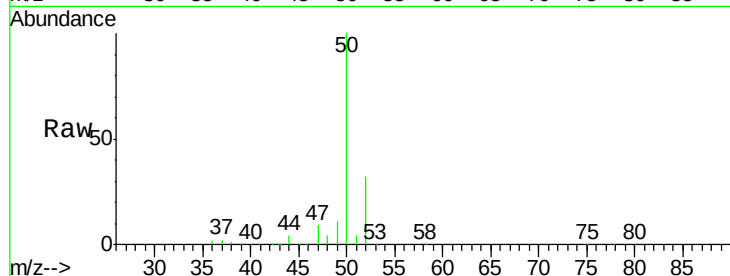
VSTDCCC050EC

Tgt Ion: 50 Resp: 140818

Ion Ratio Lower Upper

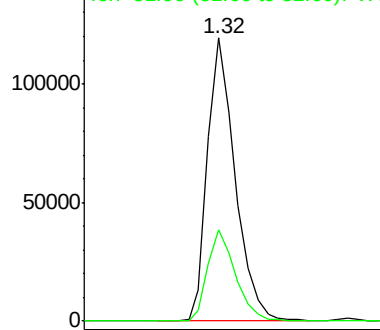
50 100

52 32.4 26.2 39.4

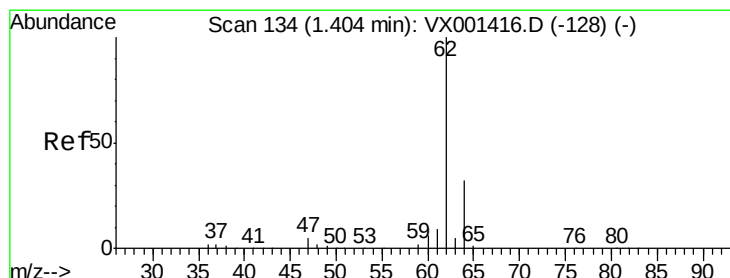
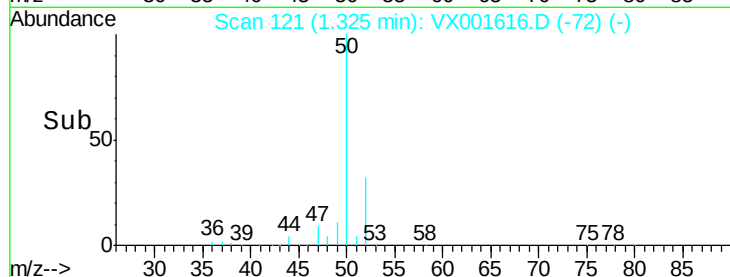


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001616.D

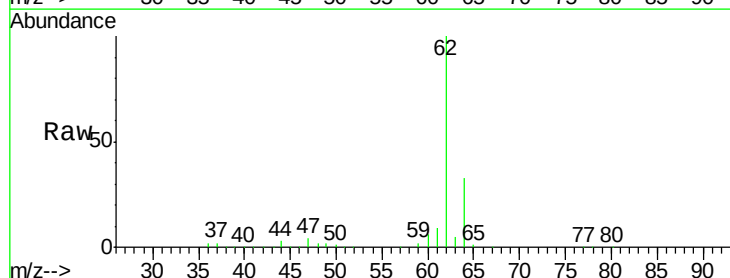
Acq: 10 May 2018 21:42

Tgt Ion: 62 Resp: 148724

Ion Ratio Lower Upper

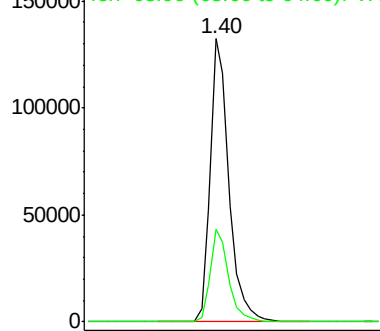
62 100

64 32.9 25.8 38.6

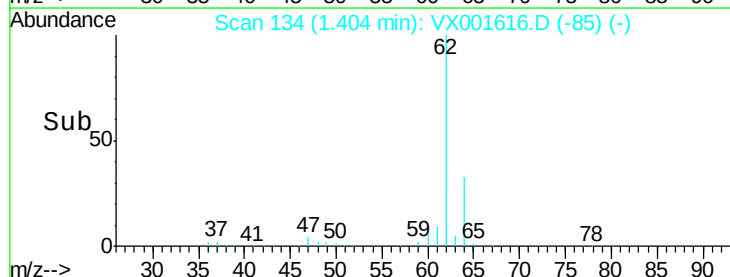


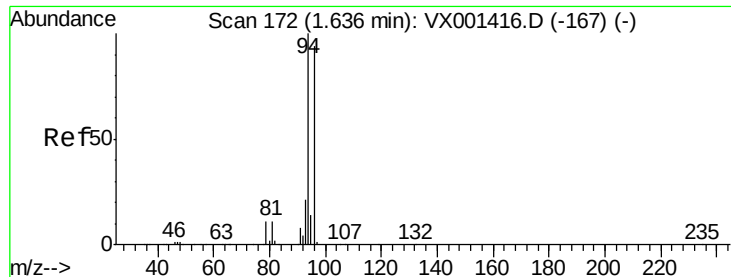
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 44.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

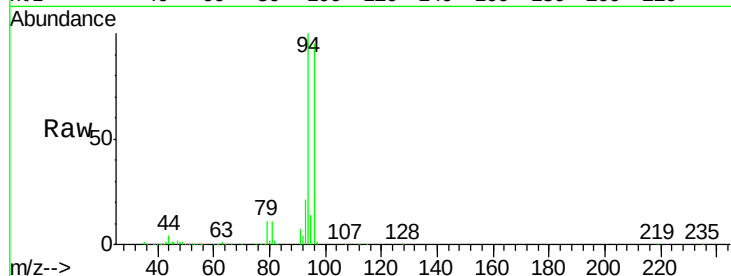
VSTDCCC050EC

Tgt Ion: 94 Resp: 64327

Ion Ratio Lower Upper

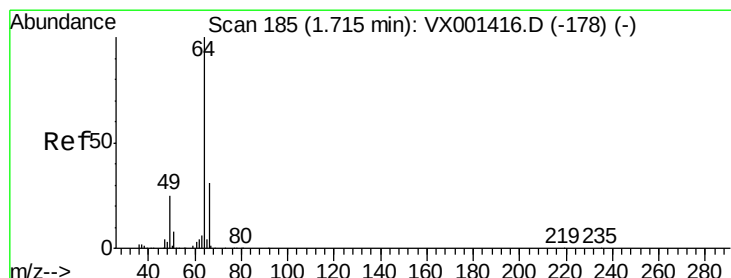
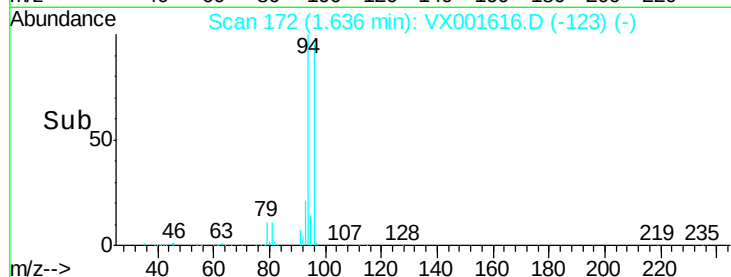
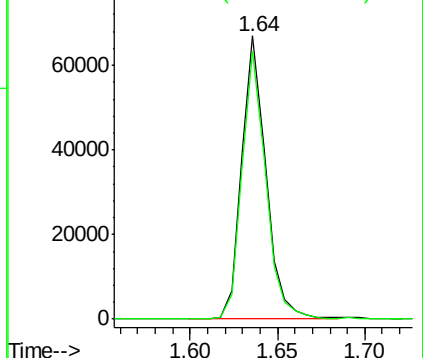
94 100

96 94.7 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.62 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001616.D

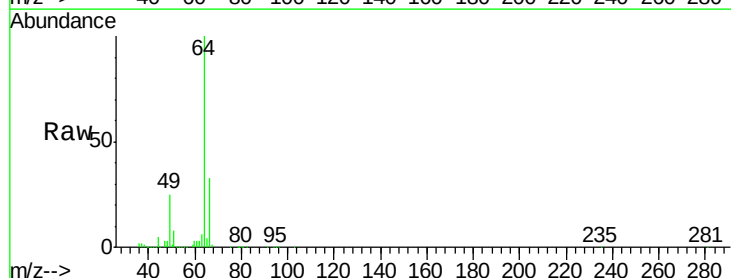
Acq: 10 May 2018 21:42

Tgt Ion: 64 Resp: 100916

Ion Ratio Lower Upper

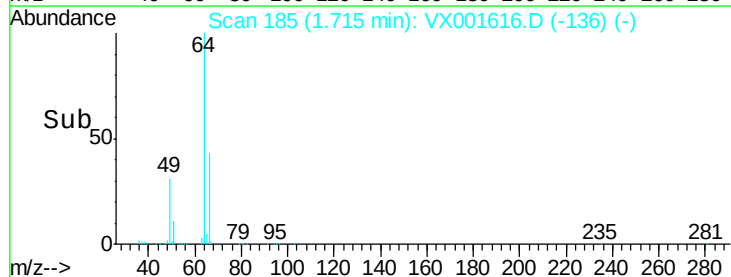
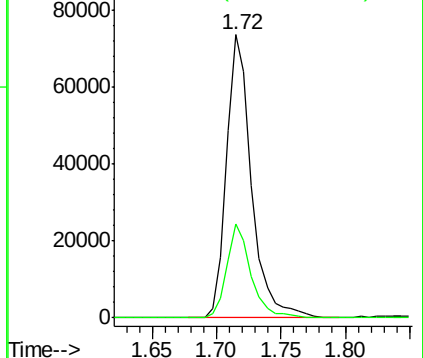
64 100

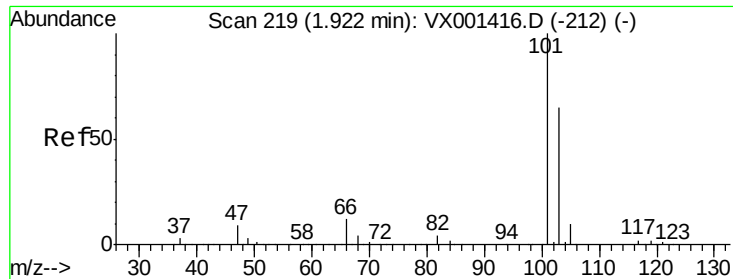
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.51 ug/l

RT: 1.92 min Scan# 219

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

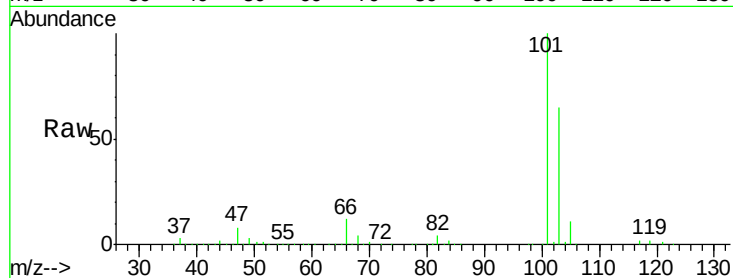
VSTDCCC050EC

Tgt Ion:101 Resp: 233963

Ion Ratio Lower Upper

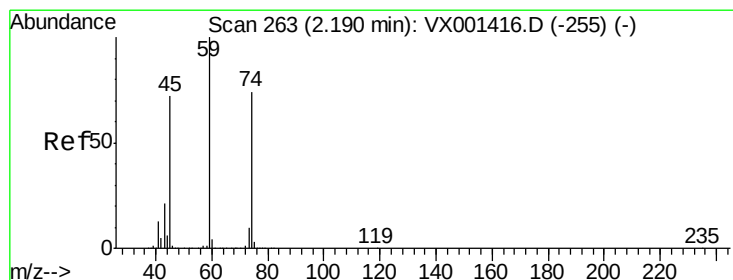
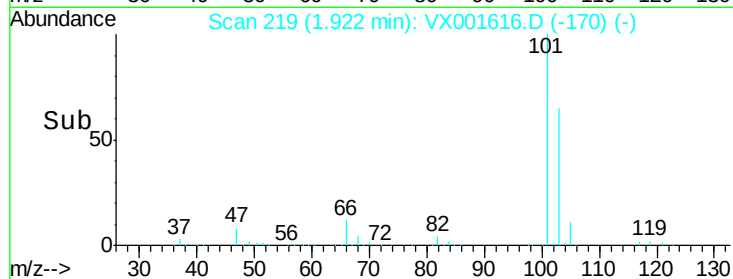
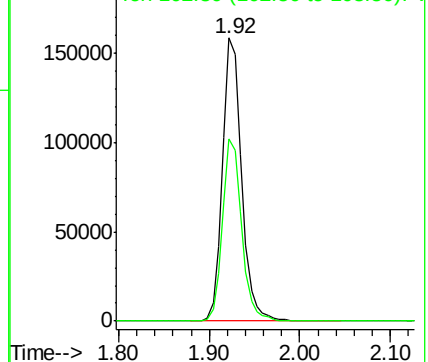
101 100

103 64.6 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 50.40 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001616.D

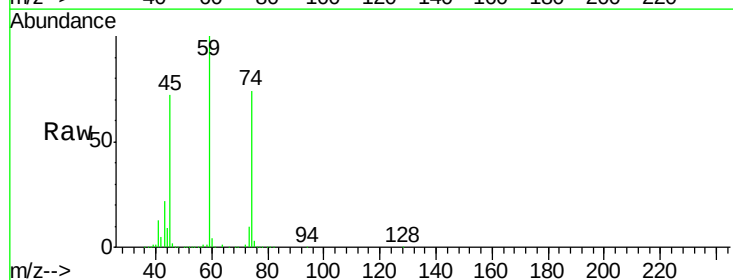
Acq: 10 May 2018 21:42

Tgt Ion: 74 Resp: 93348

Ion Ratio Lower Upper

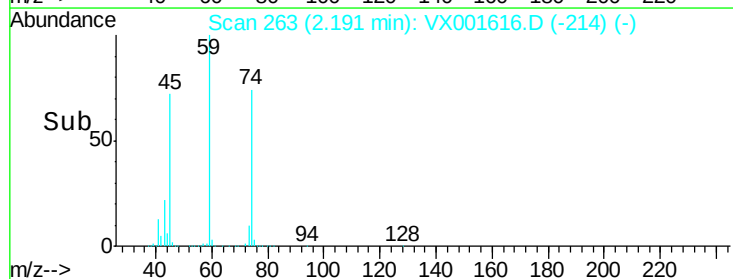
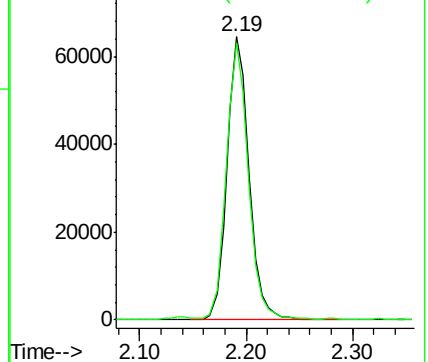
74 100

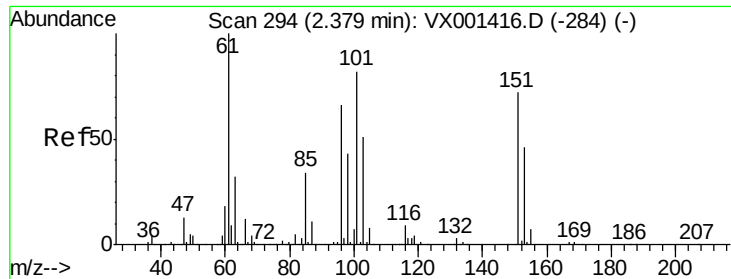
45 97.2 47.9 143.6



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: 47.59 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

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VSTDCCC050EC

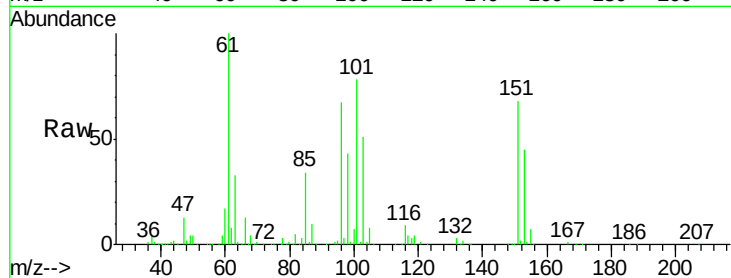
Tgt Ion:101 Resp: 131857

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

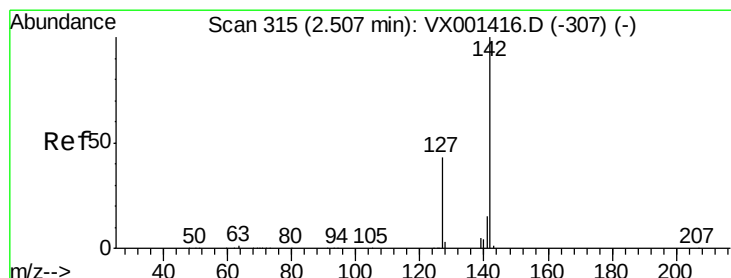
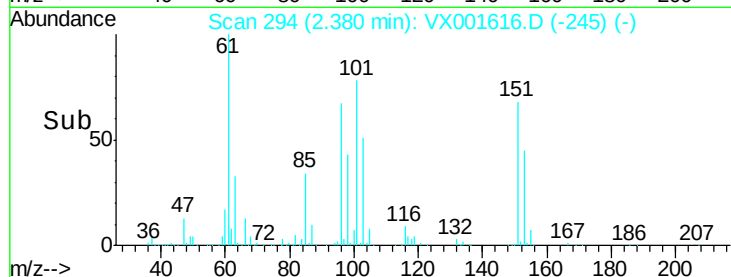
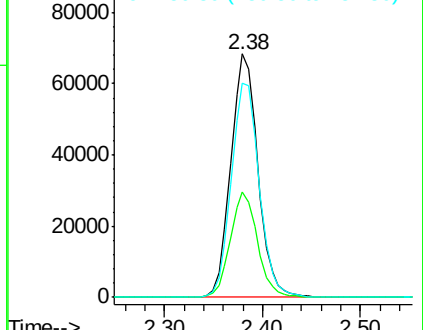
151 90.7 72.3 108.5



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: 43.90 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

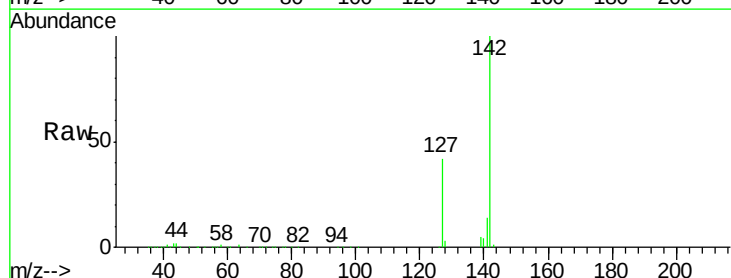
Tgt Ion:142 Resp: 175478

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

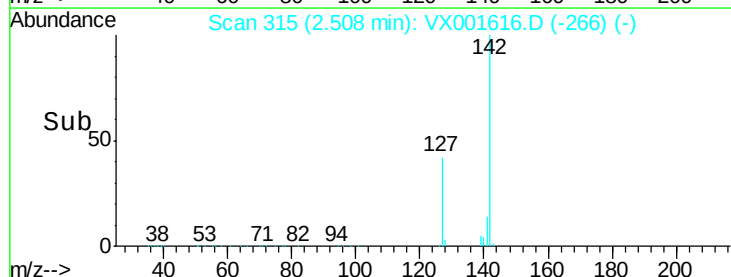
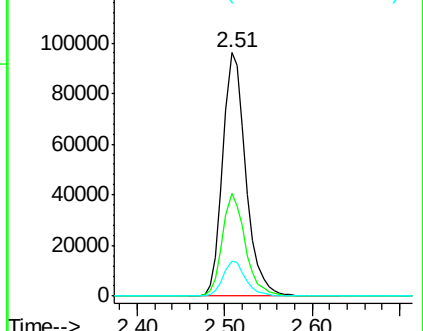
141 14.2 11.4 17.2

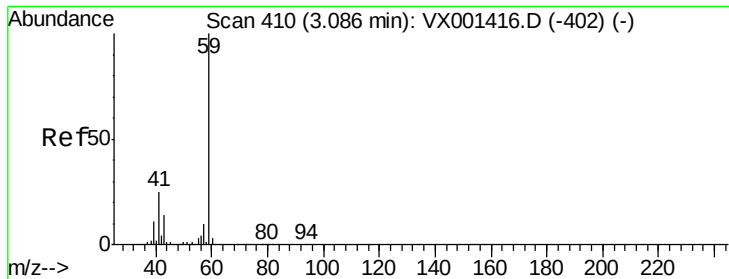


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

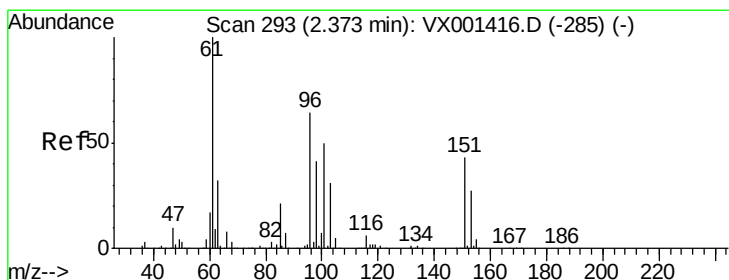
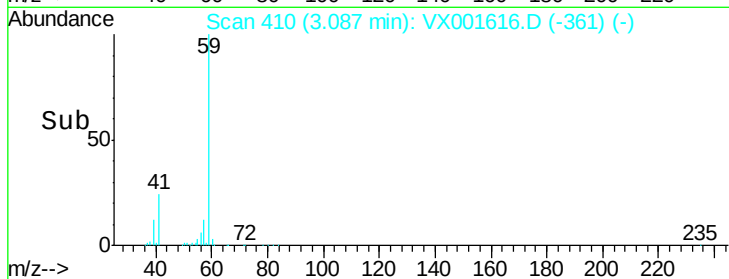
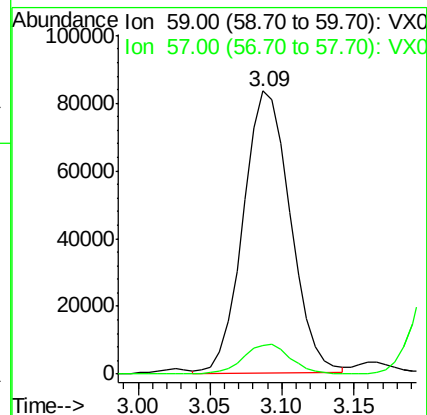
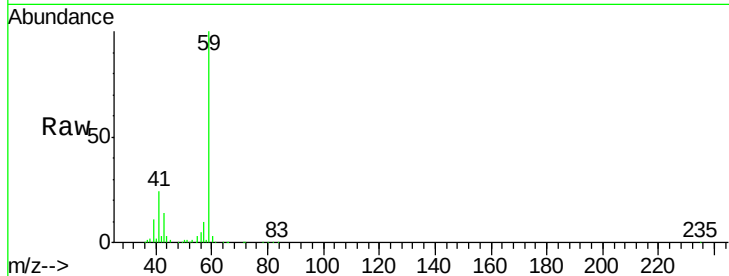




#11
Tert butyl alcohol
Concen: 271.85 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

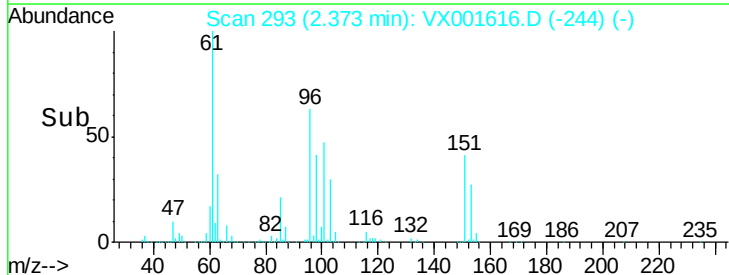
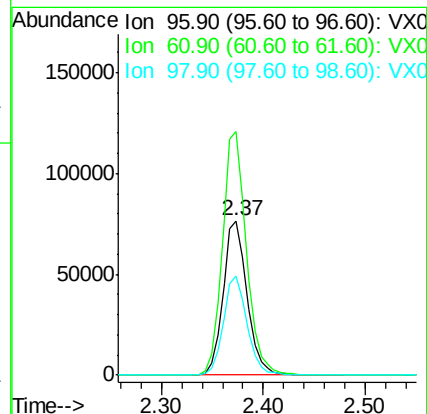
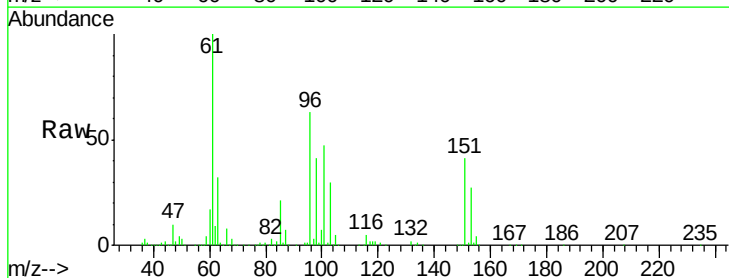
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

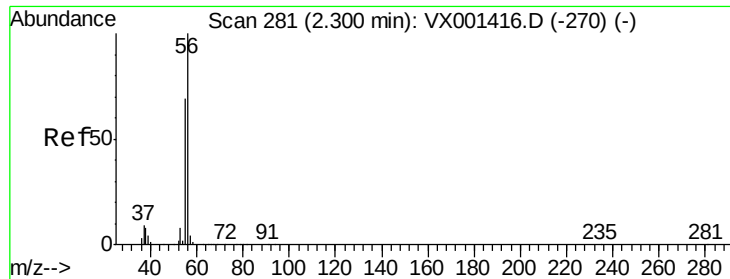
Tgt Ion: 59 Resp: 189052
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.33 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 96 Resp: 125267
Ion Ratio Lower Upper
96 100
61 157.7 125.7 188.5
98 64.3 52.0 78.0

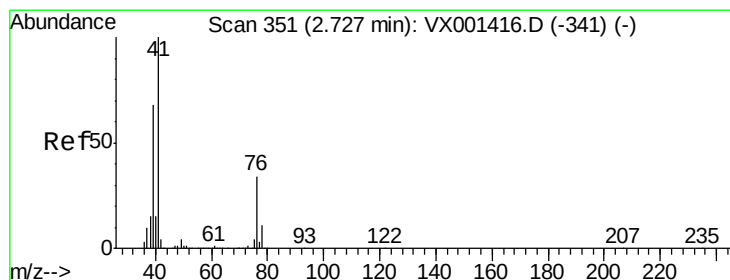
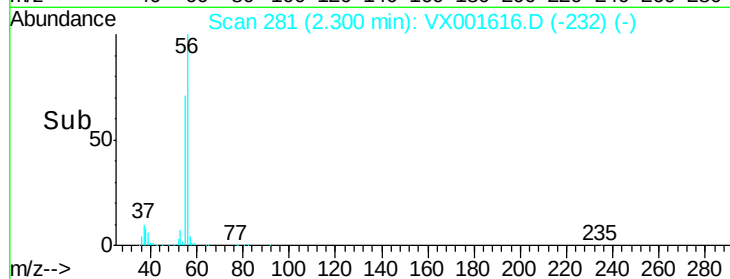
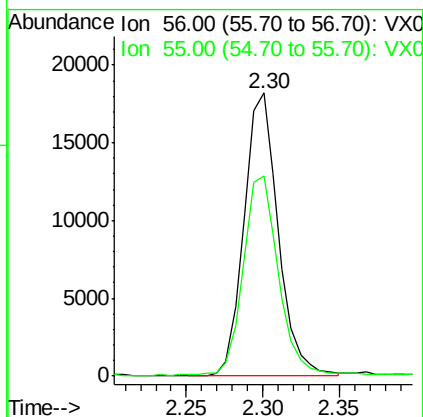
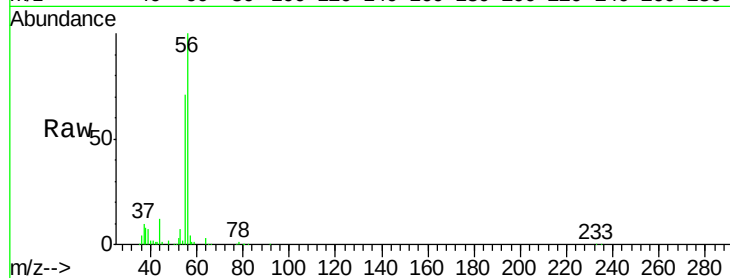




#13
 Acrolein
 Concen: 204.33 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

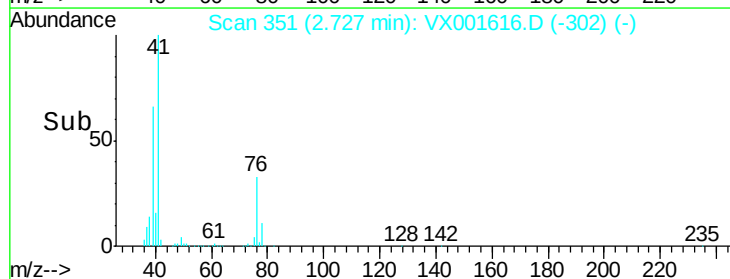
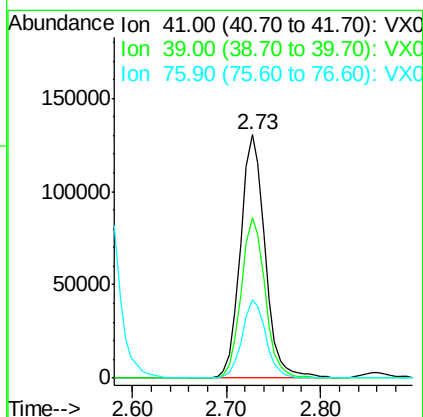
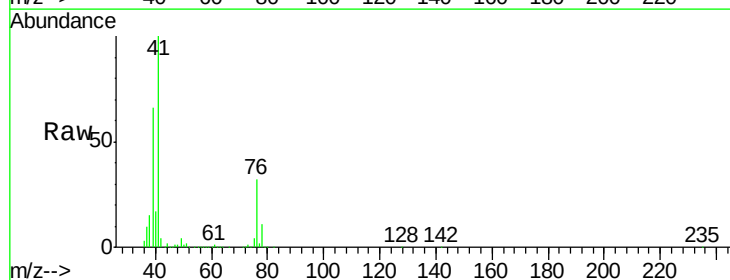
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

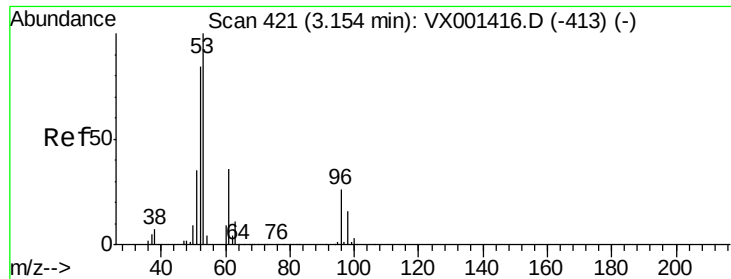
Tgt Ion: 56 Resp: 28305
 Ion Ratio Lower Upper
 56 100
 55 71.9 54.5 81.7



#14
 Allyl chloride
 Concen: 50.35 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion: 41 Resp: 238384
 Ion Ratio Lower Upper
 41 100
 39 64.3 52.4 78.6
 76 31.2 25.8 38.6





#15

Acrylonitrile

Concen: 266.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

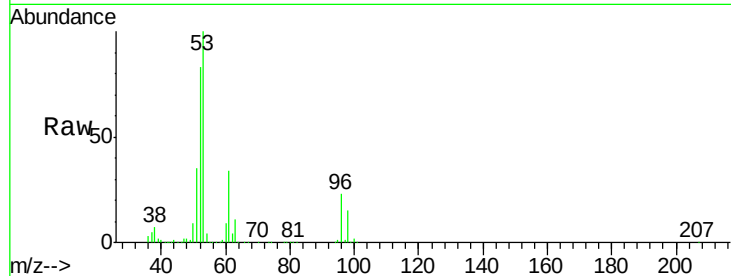
Tgt Ion: 53 Resp: 419473

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

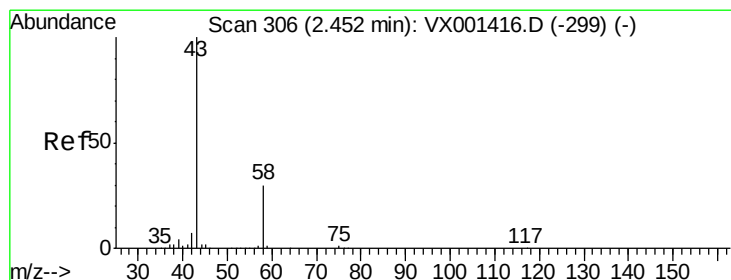
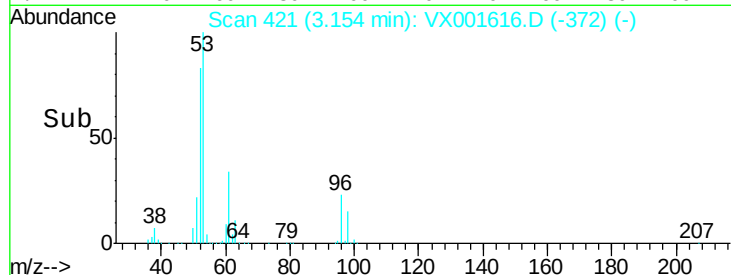
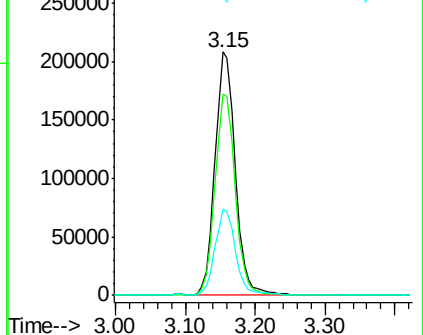
51 35.9 28.6 43.0



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: 247.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001616.D

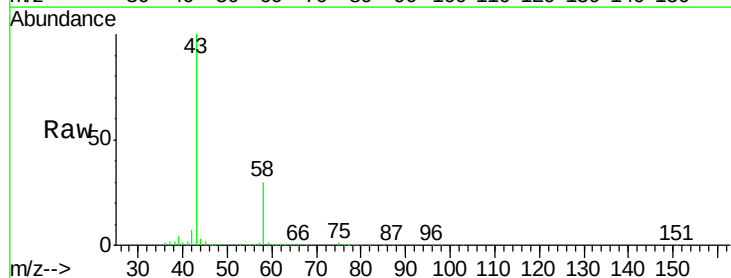
Acq: 10 May 2018 21:42

Tgt Ion: 43 Resp: 370313

Ion Ratio Lower Upper

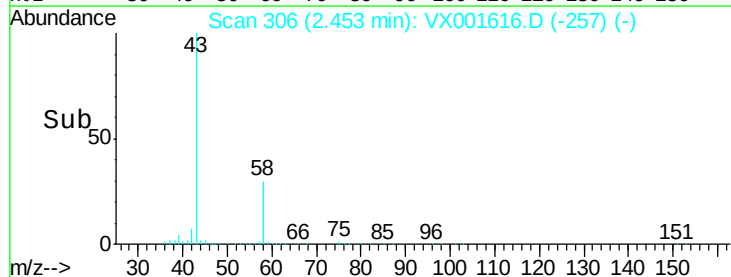
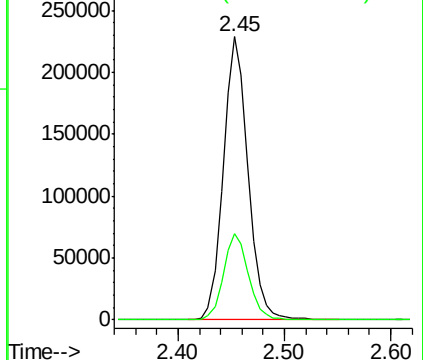
43 100

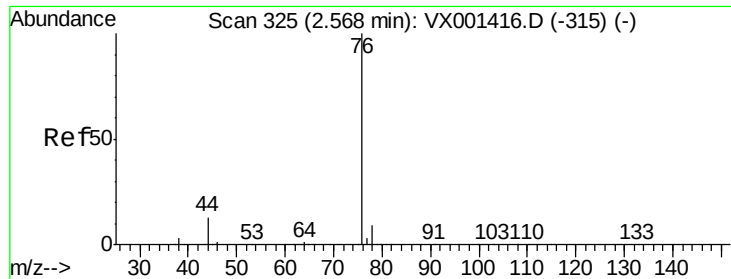
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

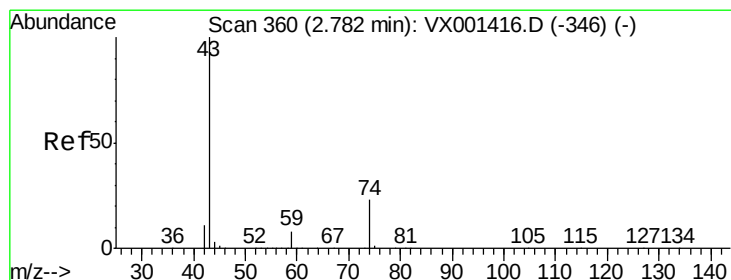
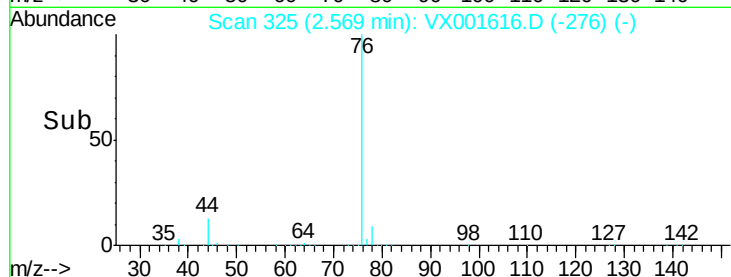
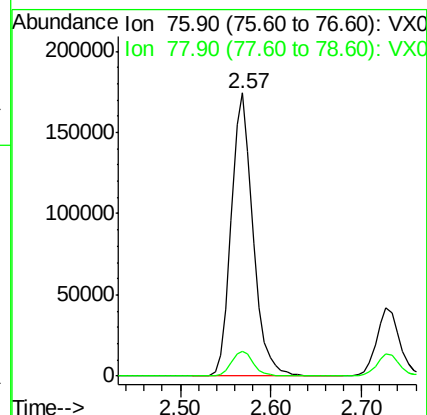
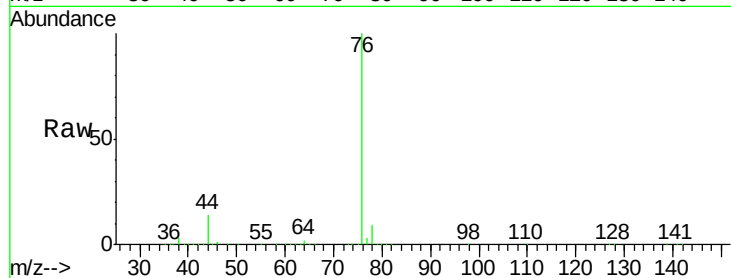




#17
Carbon Disulfide
Concen: 44.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

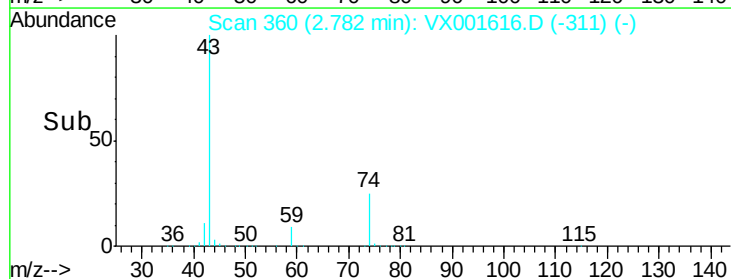
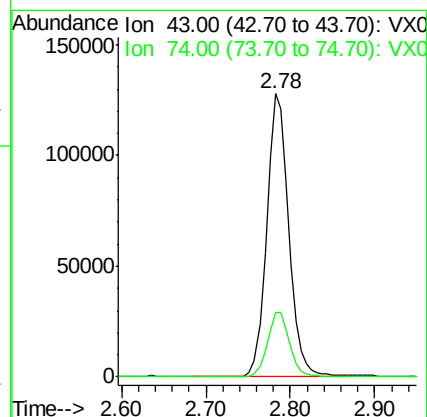
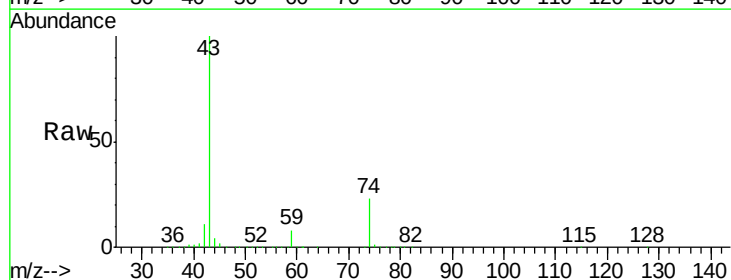
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

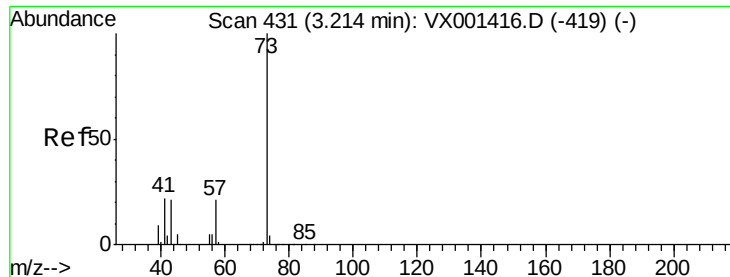
Tgt Ion: 76 Resp: 290250
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 58.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 43 Resp: 229846
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 51.68 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

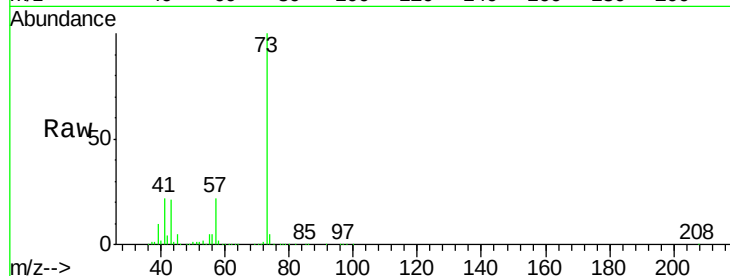
VSTDCCC050EC

Tgt Ion: 73 Resp: 456895

Ion Ratio Lower Upper

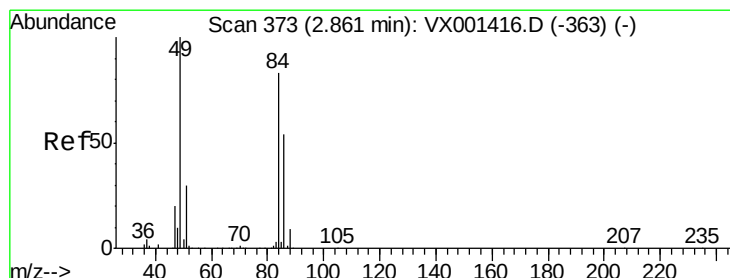
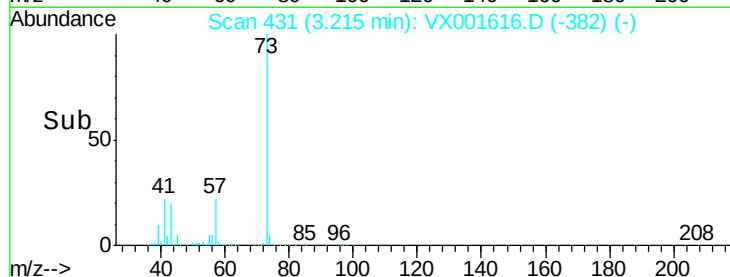
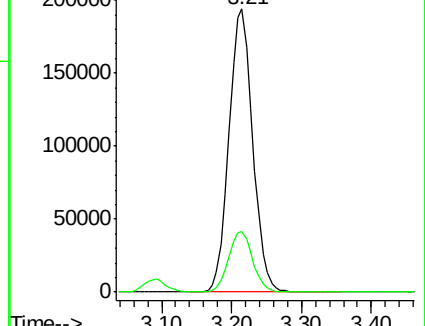
73 100

57 21.6 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 48.45 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Tgt Ion: 84 Resp: 143692

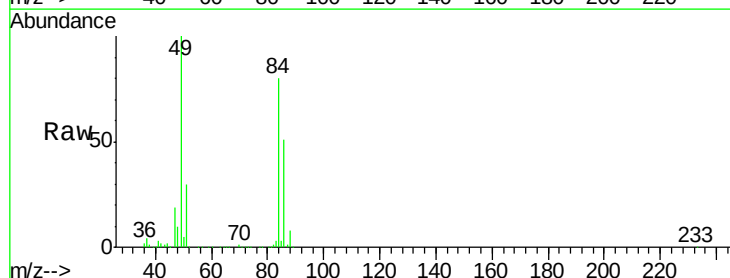
Ion Ratio Lower Upper

84 100

49 125.5 96.6 144.8

51 38.1 29.0 43.4

86 64.4 52.2 78.4

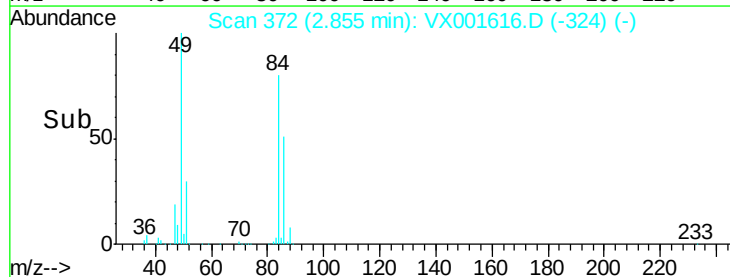
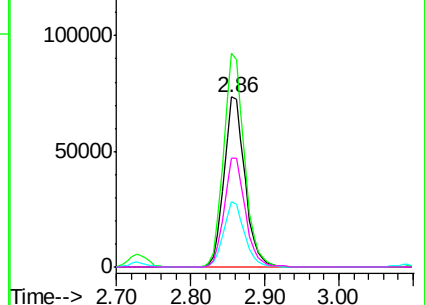


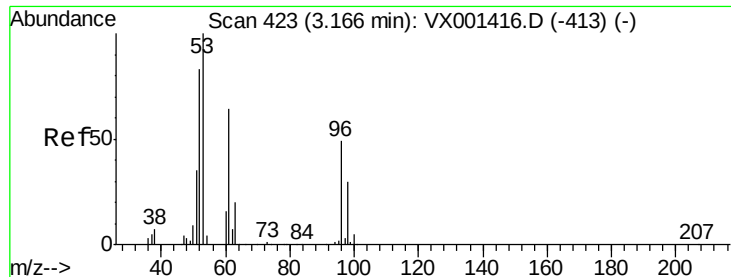
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 47.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

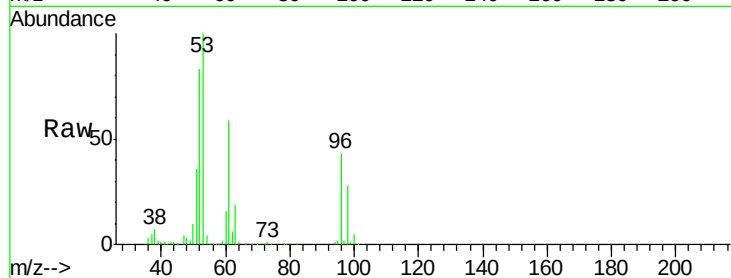
Tgt Ion: 96 Resp: 135552

Ion Ratio Lower Upper

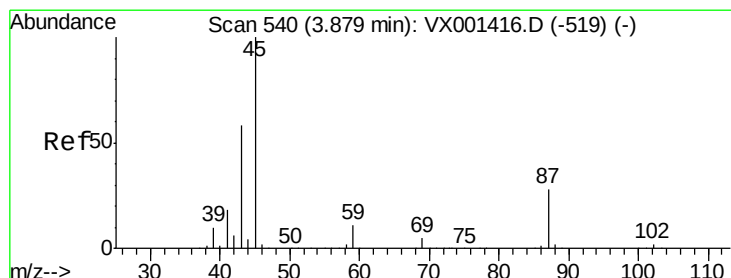
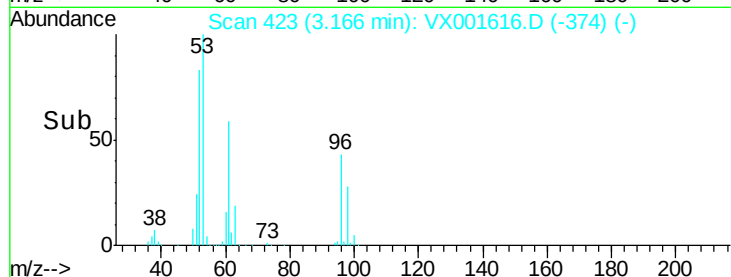
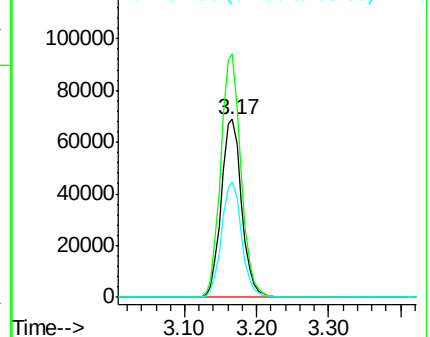
96 100

61 136.7 105.0 157.4

98 64.9 49.9 74.9



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: 50.55 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Tgt Ion: 45 Resp: 447186

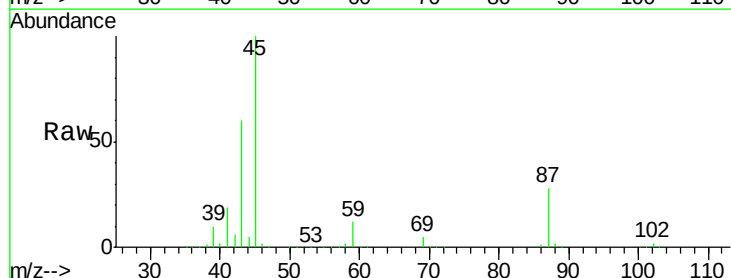
Ion Ratio Lower Upper

45 100

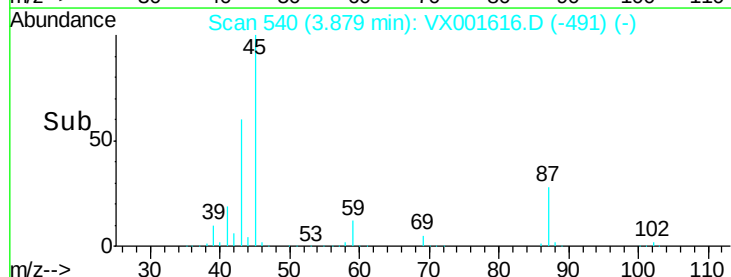
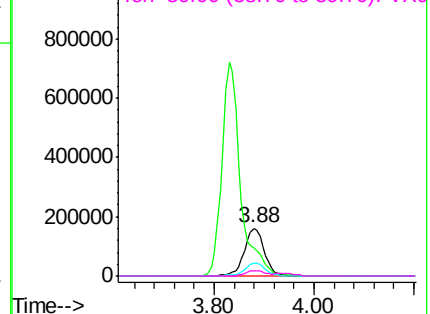
43 59.6 46.5 69.7

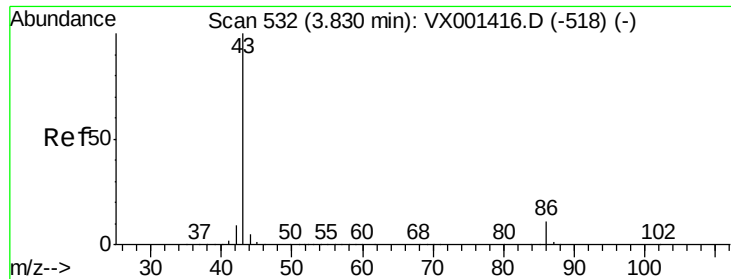
87 27.8 22.6 34.0

59 11.5 9.1 13.7



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





#23

Vinyl Acetate

Concen: 252.65 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

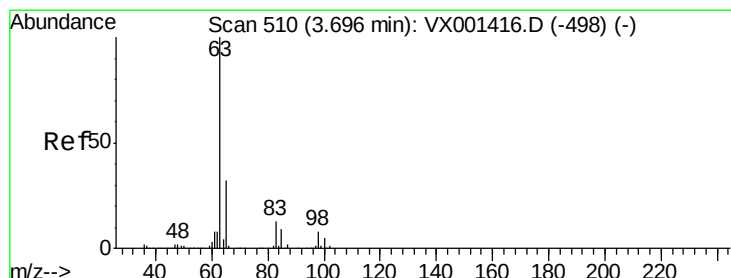
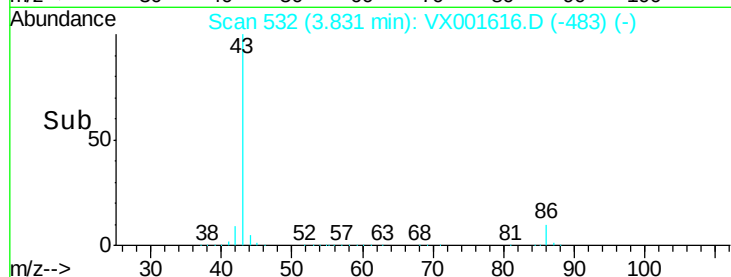
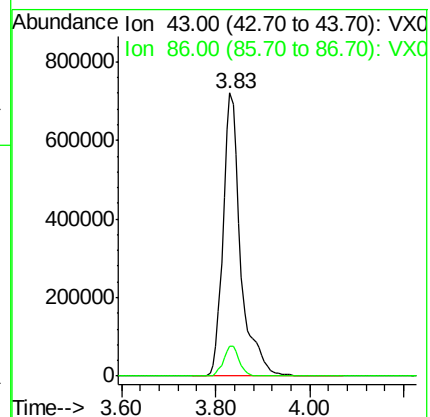
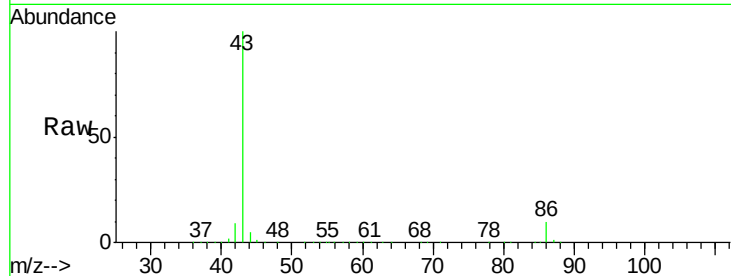
VSTDCCC050EC

Tgt Ion: 43 Resp: 1862631

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 52.22 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

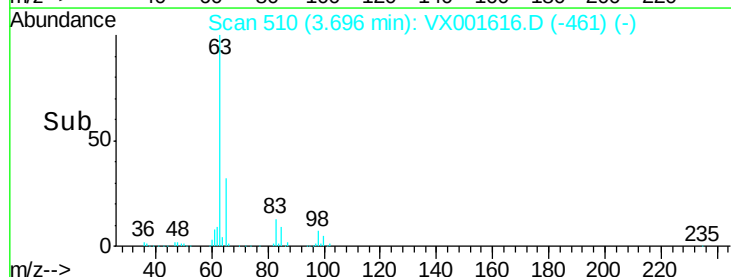
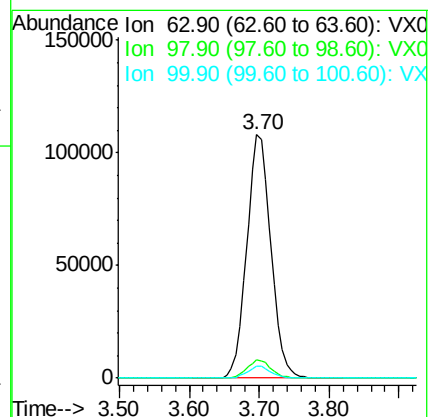
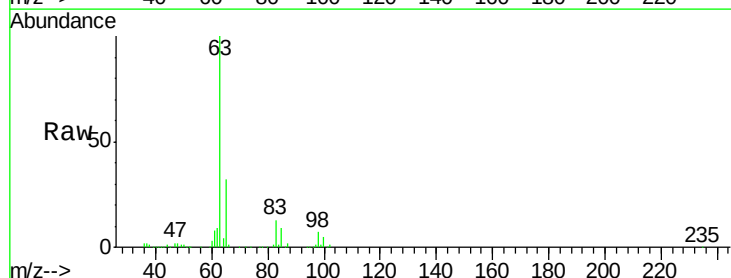
Tgt Ion: 63 Resp: 258055

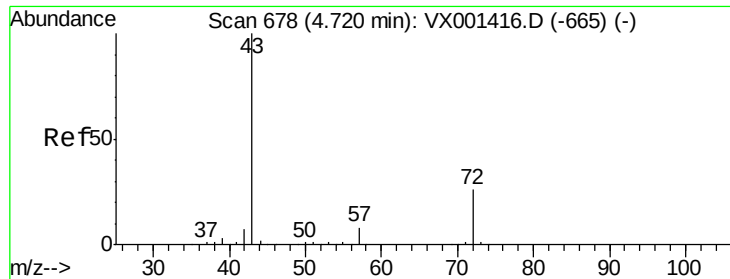
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 264.43 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

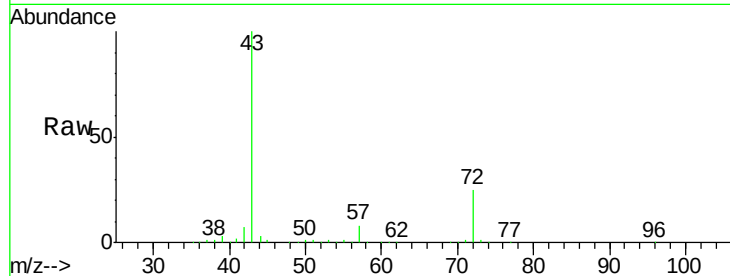
VSTDCCC050EC

Tgt Ion: 43 Resp: 572490

Ion Ratio Lower Upper

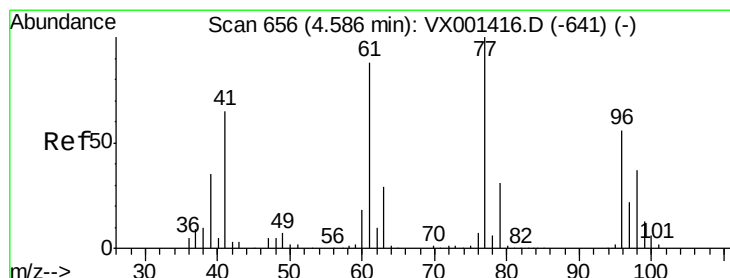
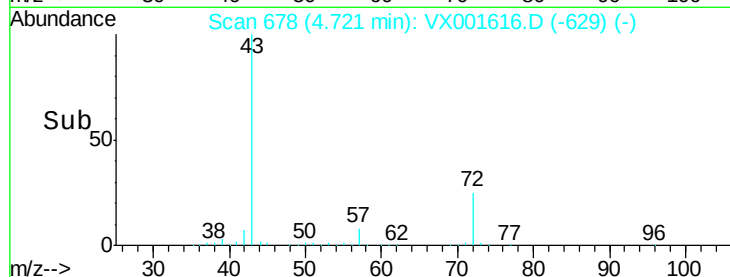
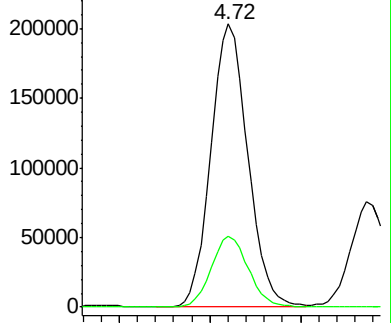
43 100

72 25.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.53 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001616.D

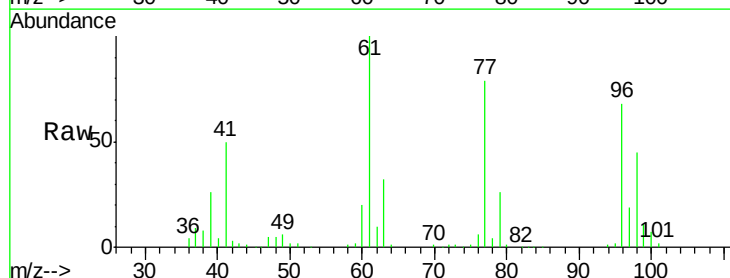
Acq: 10 May 2018 21:42

Tgt Ion: 77 Resp: 166105

Ion Ratio Lower Upper

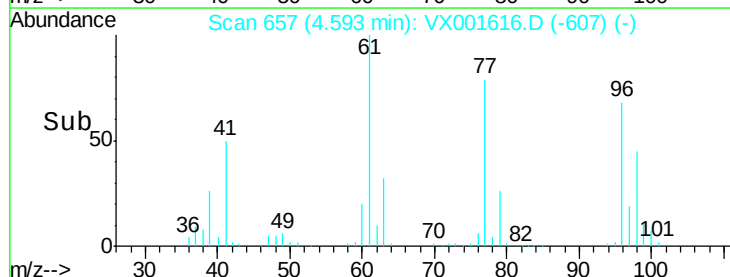
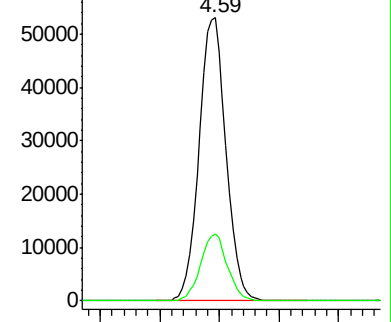
77 100

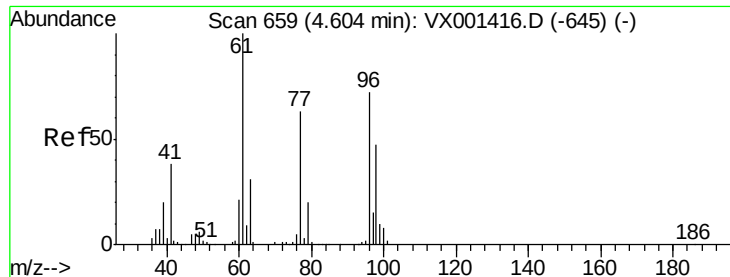
97 23.4 11.2 33.6



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: 50.32 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

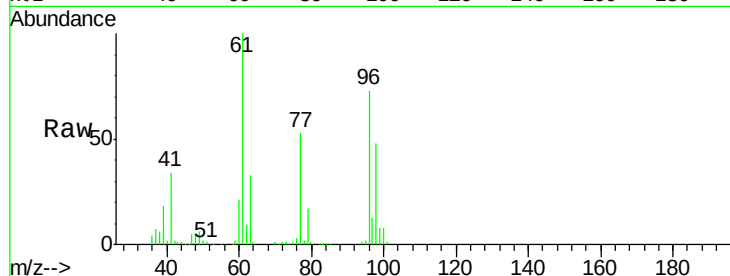
Tgt Ion: 96 Resp: 151874

Ion Ratio Lower Upper

96 100

61 145.3 0.0 301.6

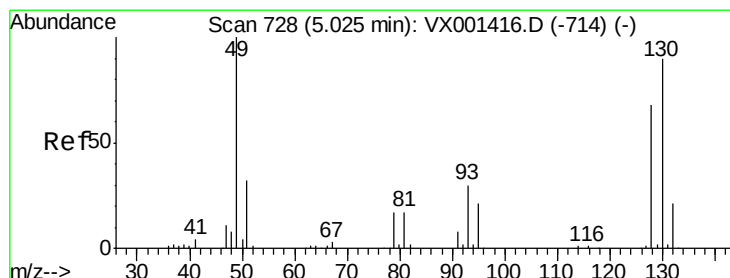
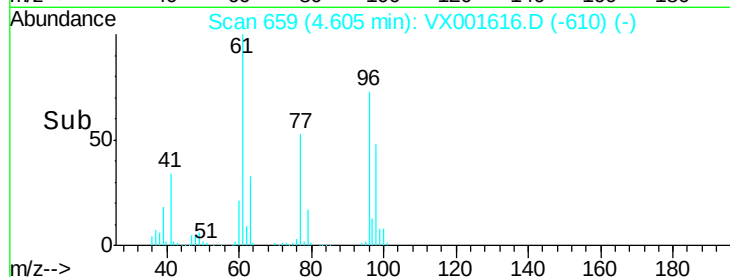
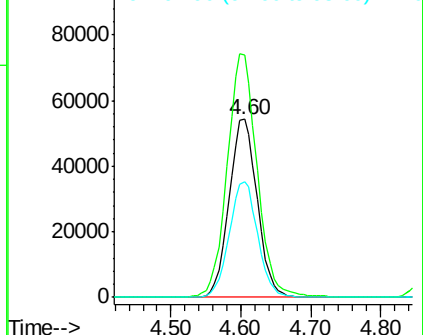
98 65.5 0.0 131.6



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



#28

Bromochloromethane

Concen: 54.27 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

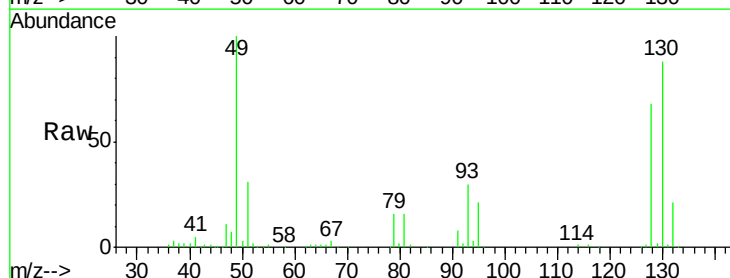
Tgt Ion: 49 Resp: 116270

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

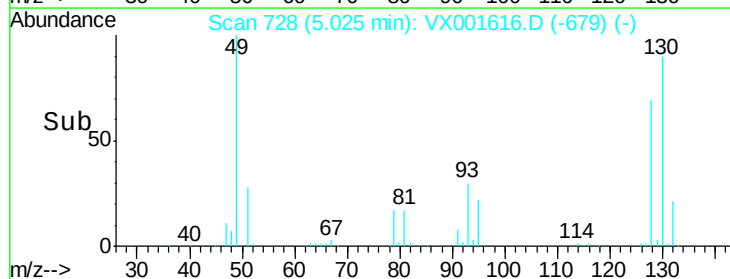
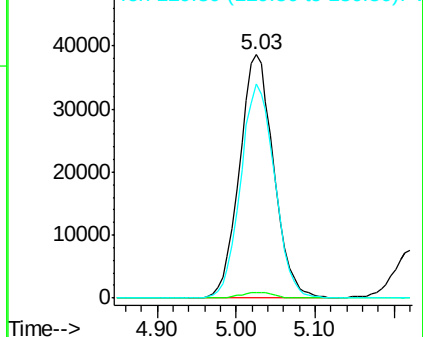
130 87.7 71.9 107.9

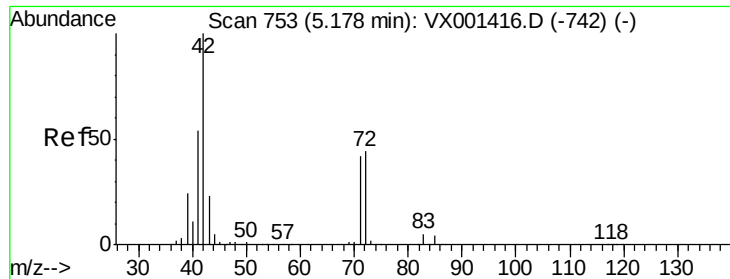


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

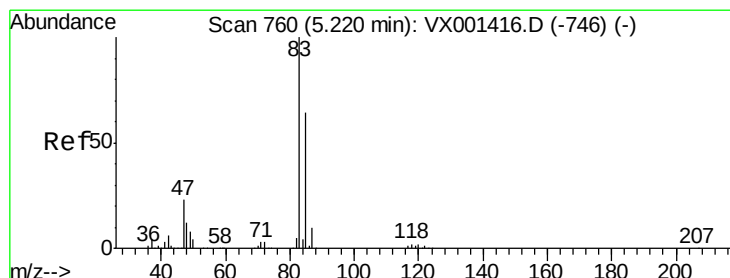
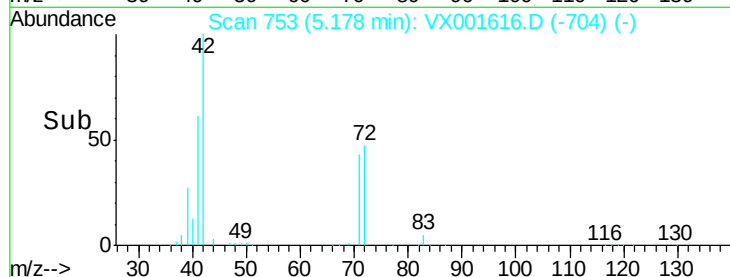
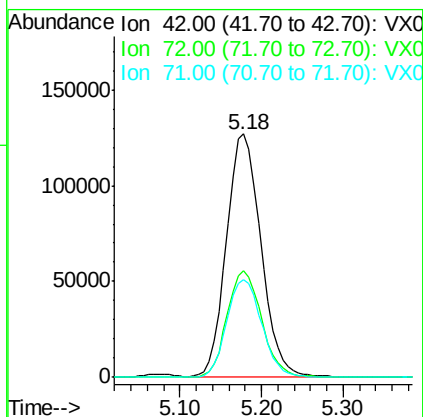
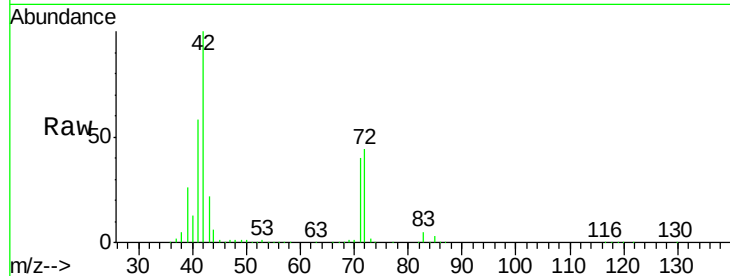




#29
Tetrahydrofuran
Concen: 267.09 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

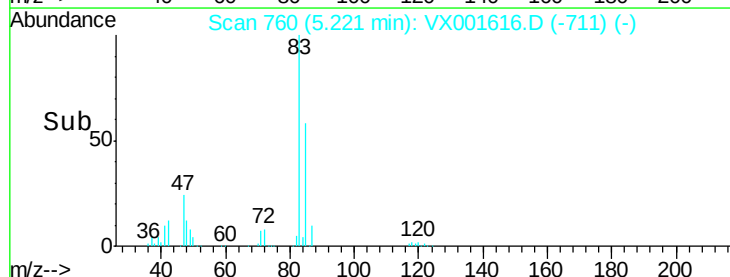
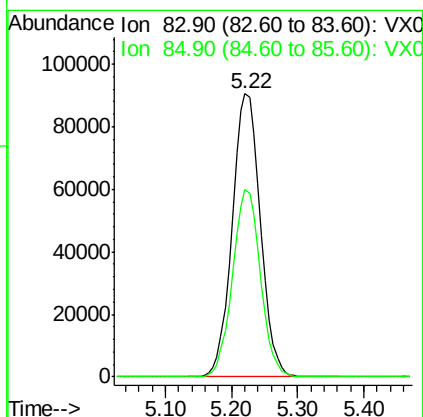
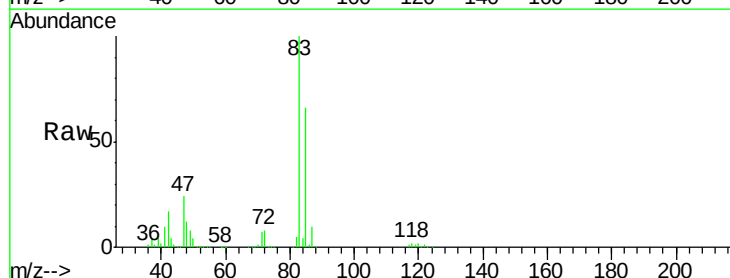
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

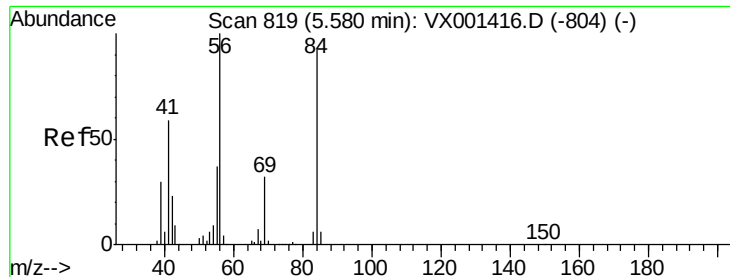
Tgt Ion: 42 Resp: 369980
Ion Ratio Lower Upper
42 100
72 44.3 35.4 53.2
71 41.1 33.0 49.4



#30
Chloroform
Concen: 52.49 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 83 Resp: 267175
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4





#31

Cyclohexane

Concen: 48.23 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

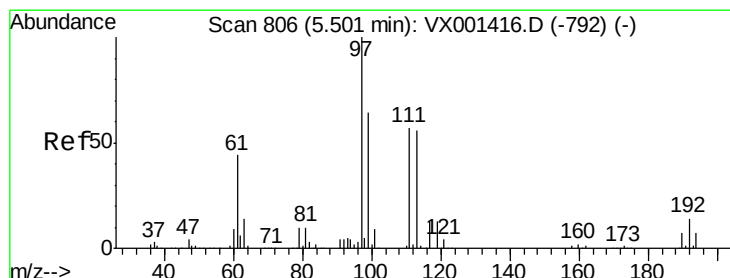
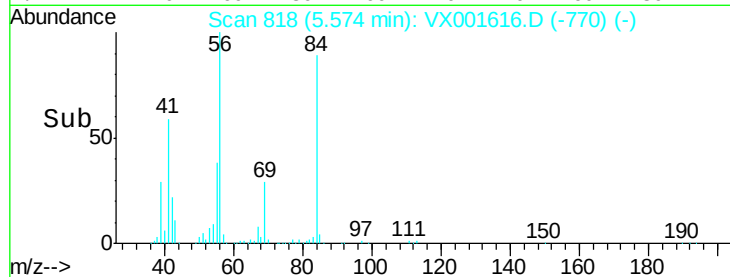
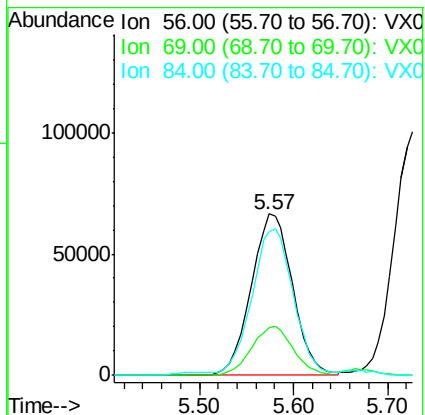
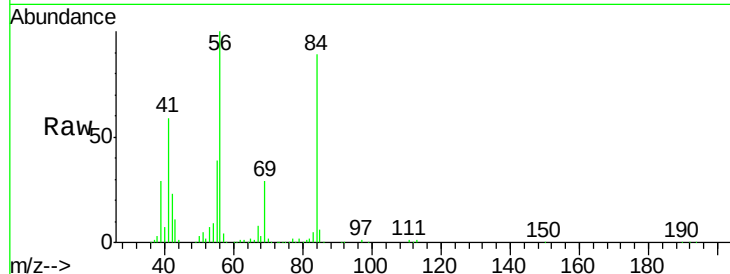
Tgt Ion: 56 Resp: 204708

Ion Ratio Lower Upper

56 100

69 29.4 25.4 38.0

84 86.9 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 53.00 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

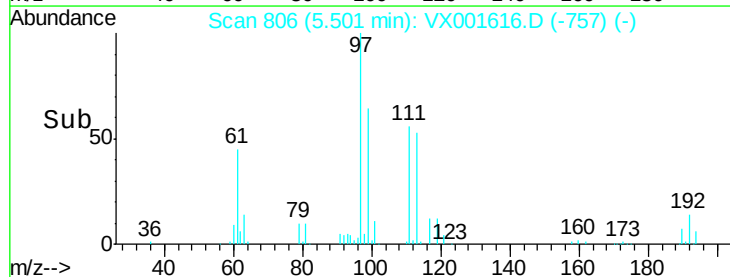
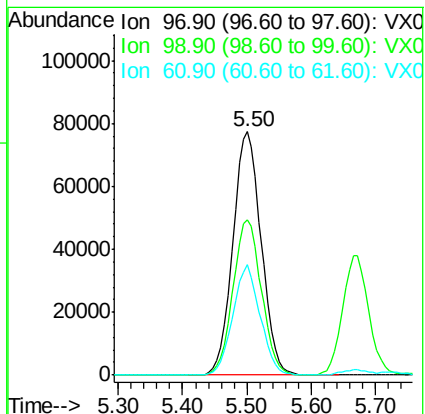
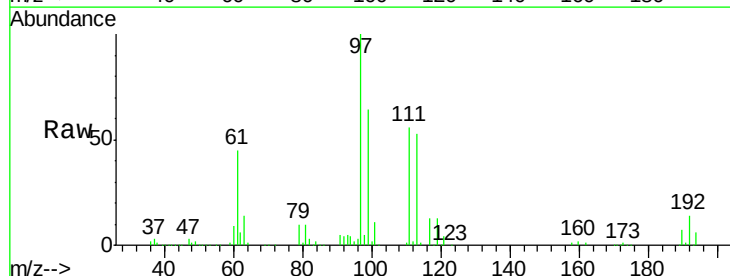
Tgt Ion: 97 Resp: 235805

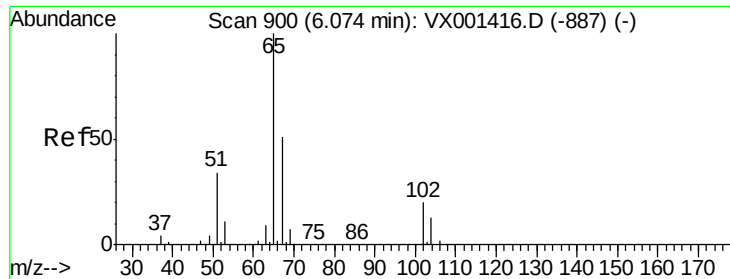
Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.9 34.8 52.2

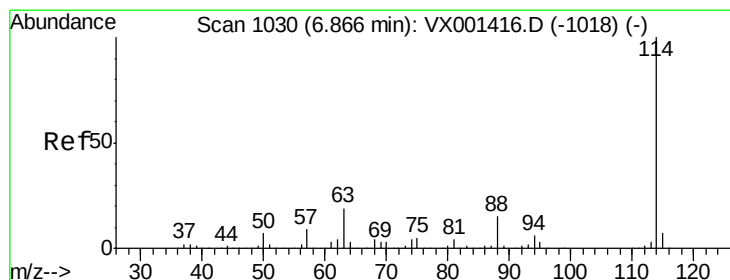
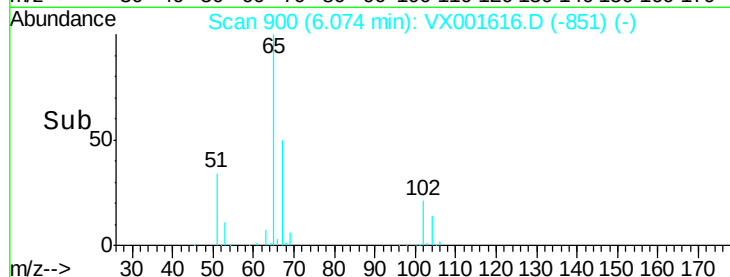
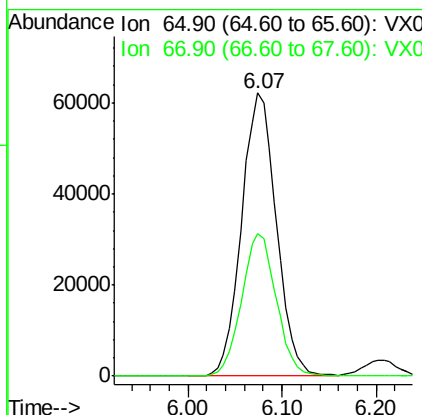
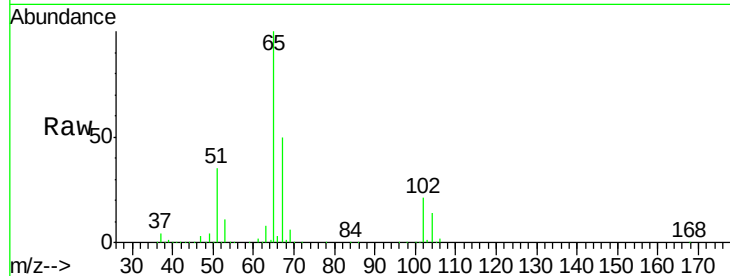




#33
 1,2-Dichloroethane-d4
 Concen: 48.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

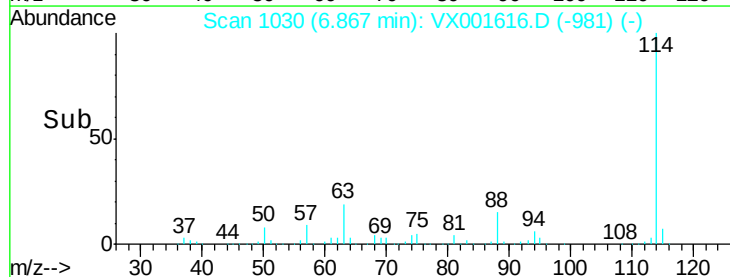
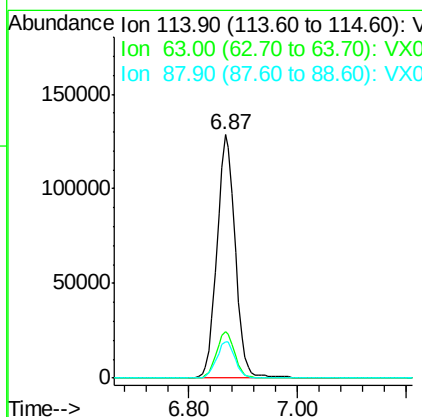
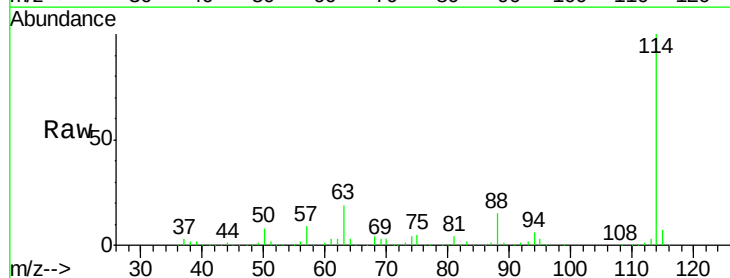
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

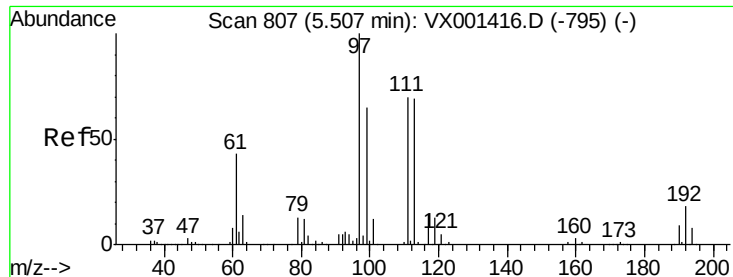
Tgt Ion: 65 Resp: 160898
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion: 114 Resp: 300295
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.36 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

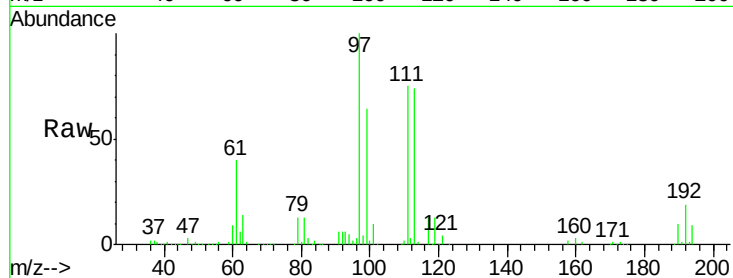
Tgt Ion:113 Resp: 131841

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

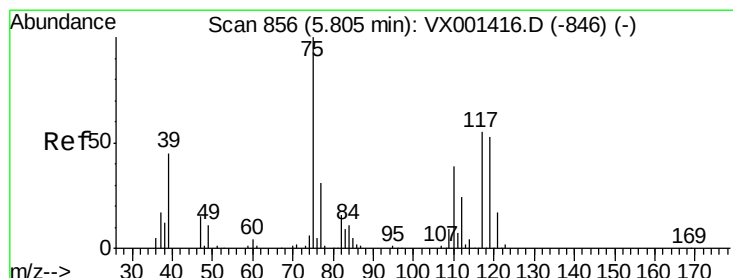
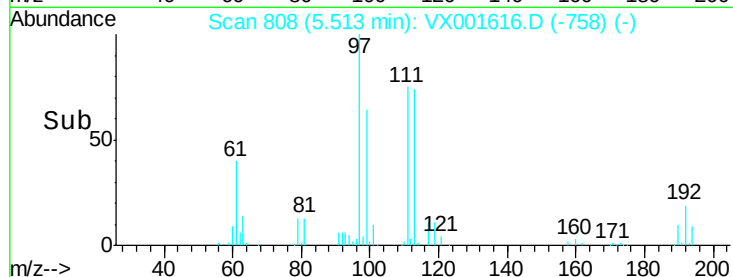
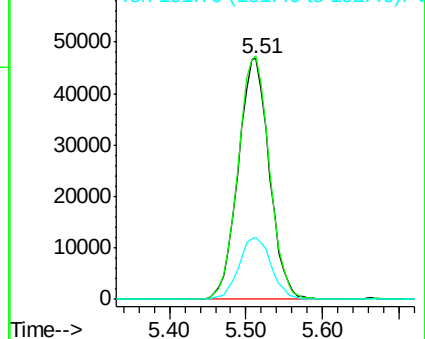
192 26.6 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.40 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

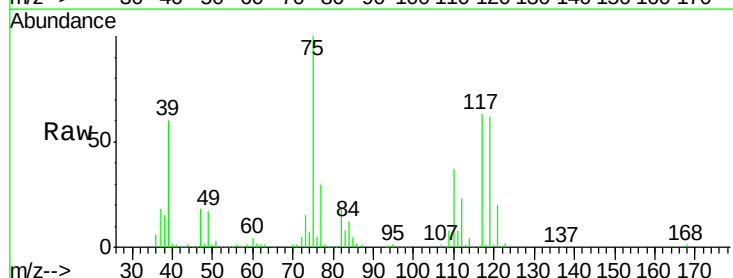
Tgt Ion: 75 Resp: 184864

Ion Ratio Lower Upper

75 100

110 37.2 18.9 56.7

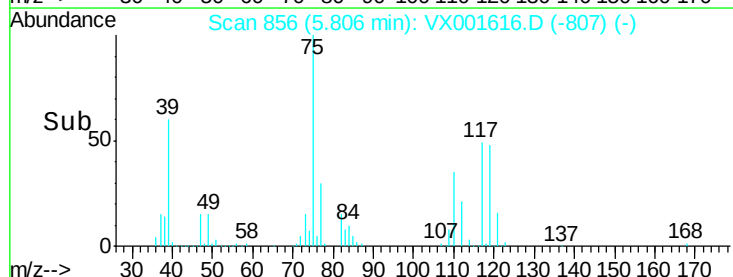
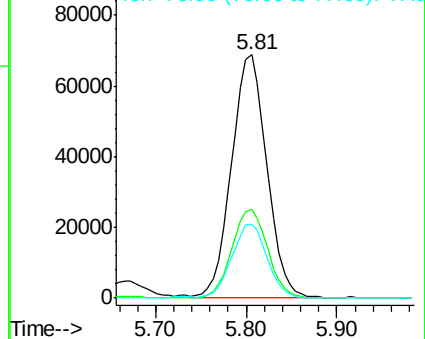
77 30.4 24.9 37.3

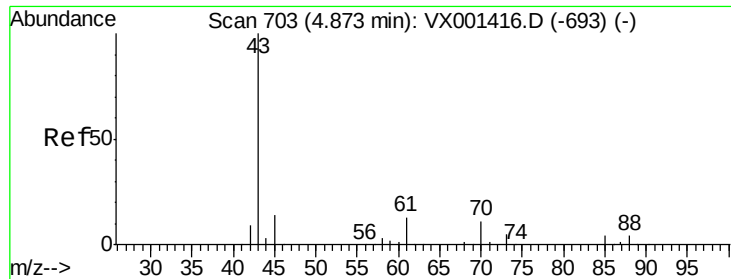


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

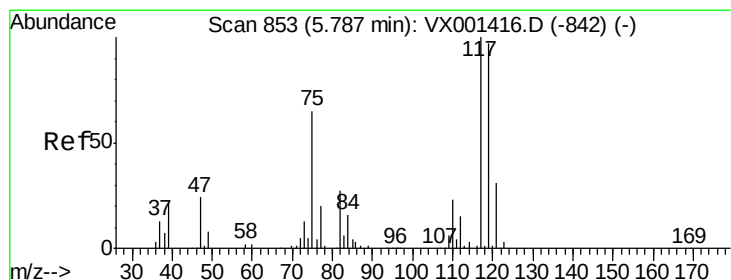
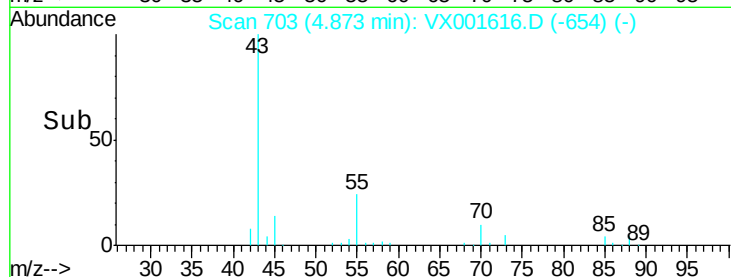
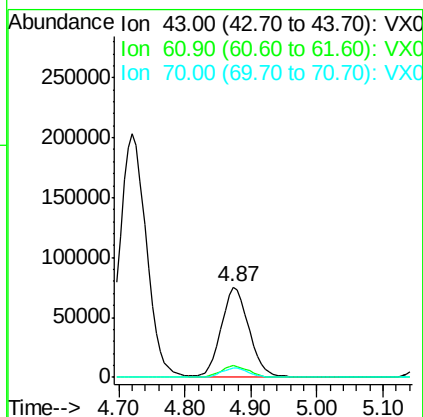
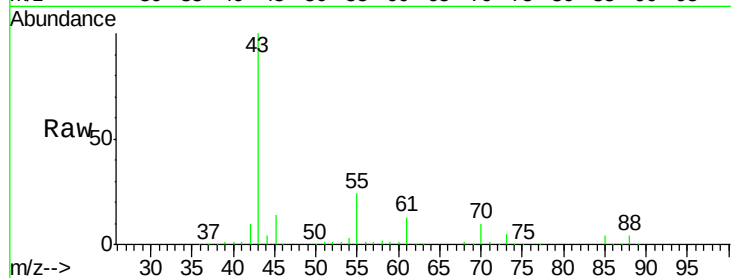




#37
Ethyl Acetate
Concen: 52.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

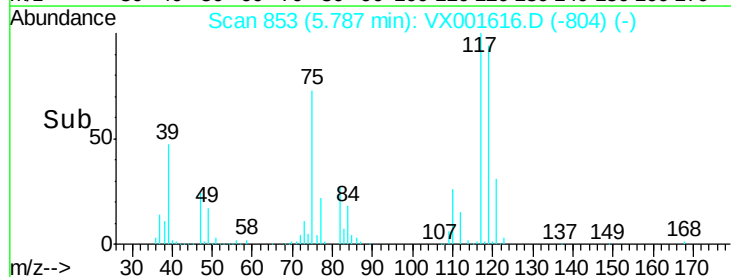
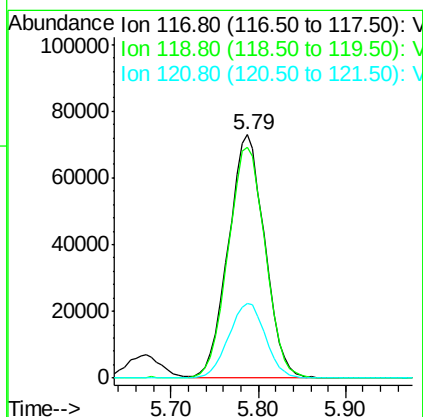
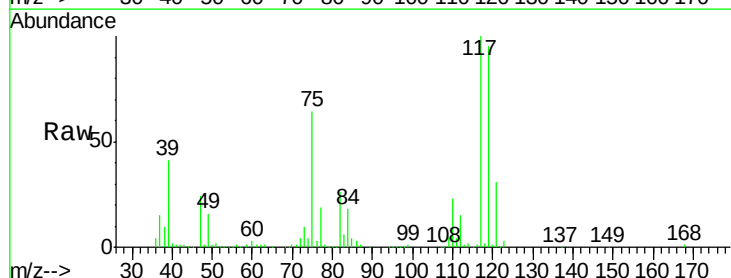
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

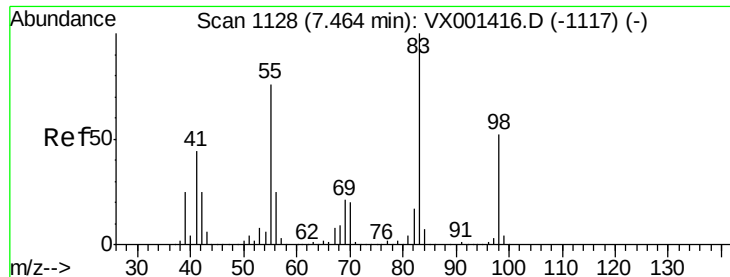
Tgt Ion: 43 Resp: 218913
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 51.63 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 117 Resp: 210349
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.6
121 30.8 25.1 37.7

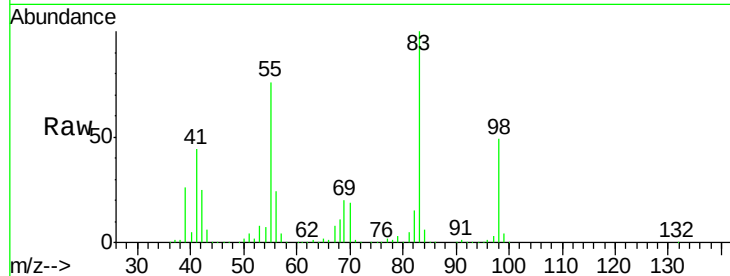




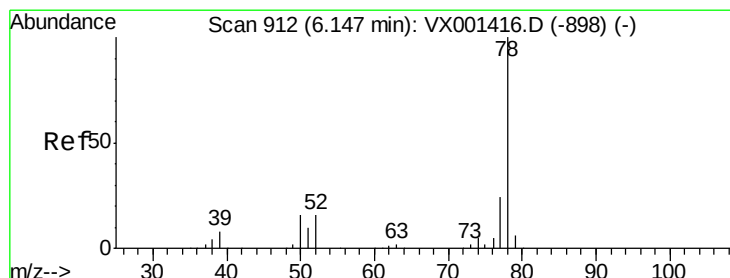
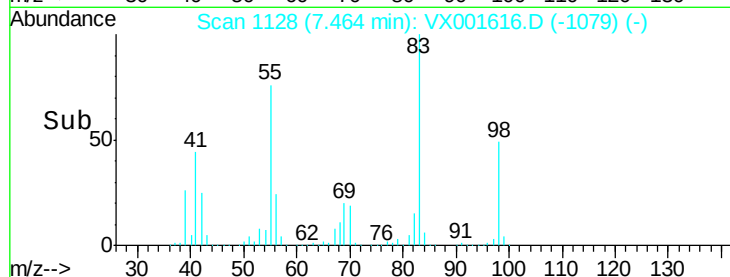
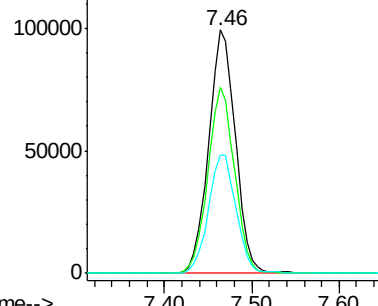
#39
Methylcyclohexane
Concen: 47.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.9	91.3
98	48.8	41.9	62.9

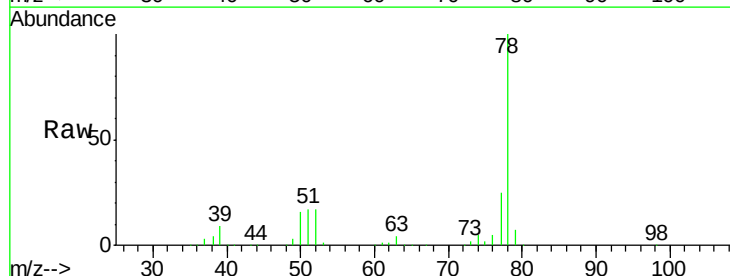


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

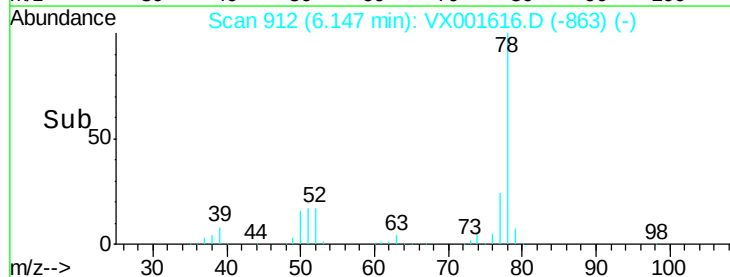
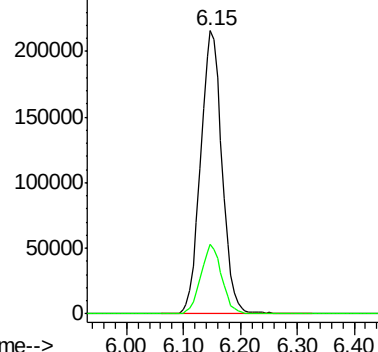


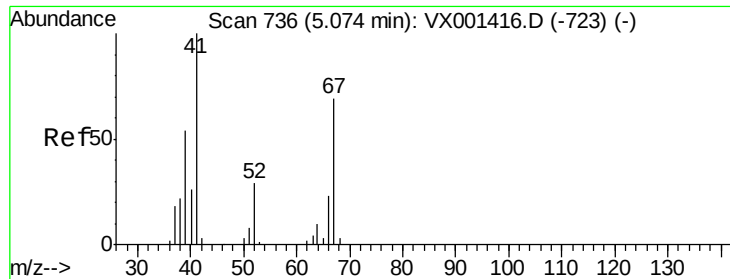
#40
Benzene
Concen: 50.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.2



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

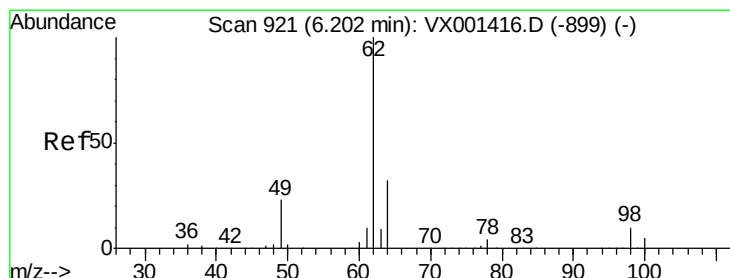
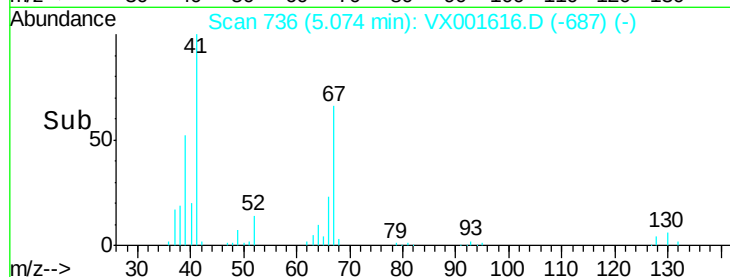
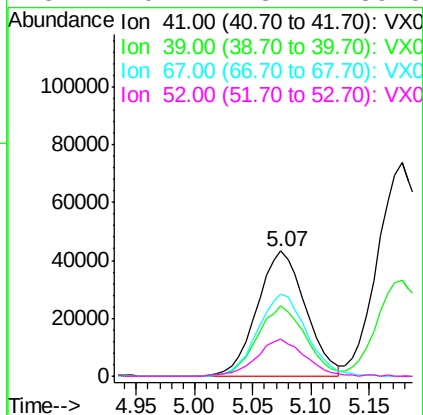
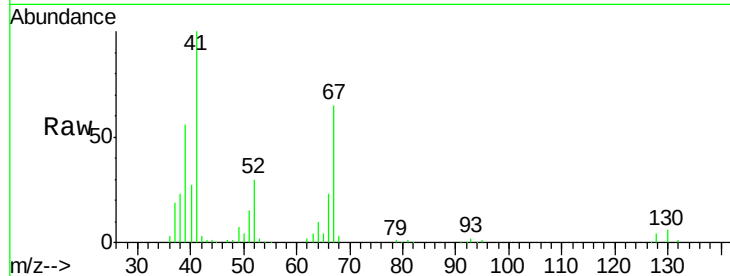




#41
Methacrylonitrile
Concen: 51.90 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

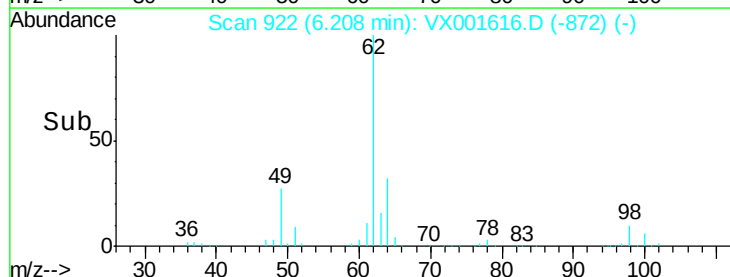
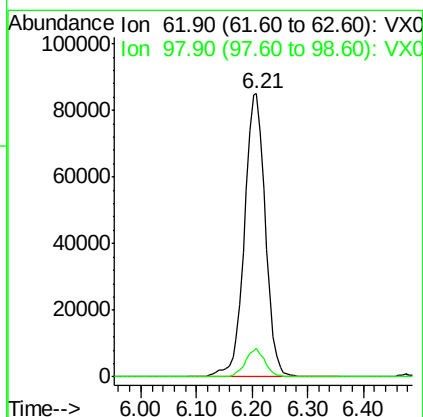
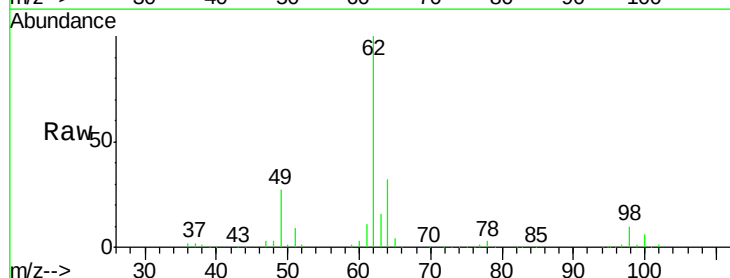
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

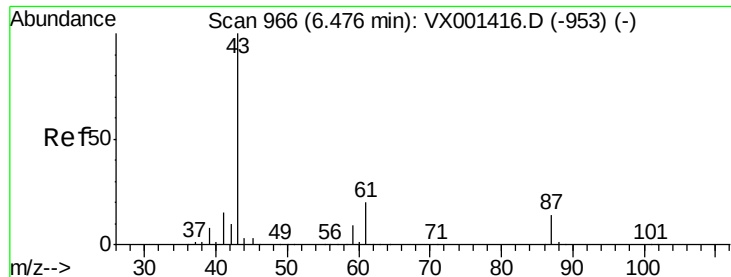
Tgt Ion:	41	Resp:	124335
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.0	67.6
67	67.4	55.0	82.6
52	29.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 51.80 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion:	62	Resp:	222144
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 53.24 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

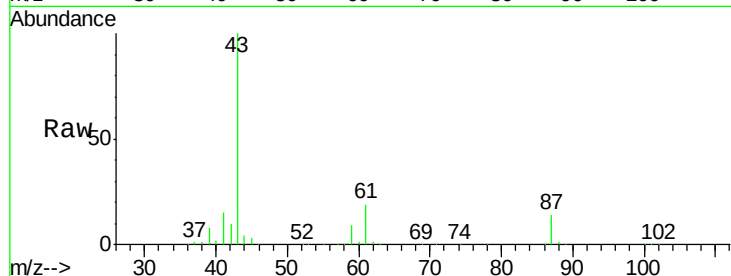
Tgt Ion: 43 Resp: 342242

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

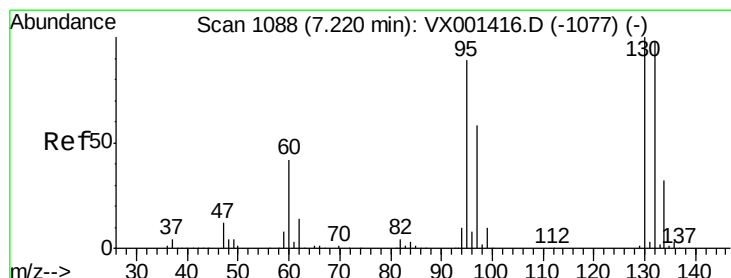
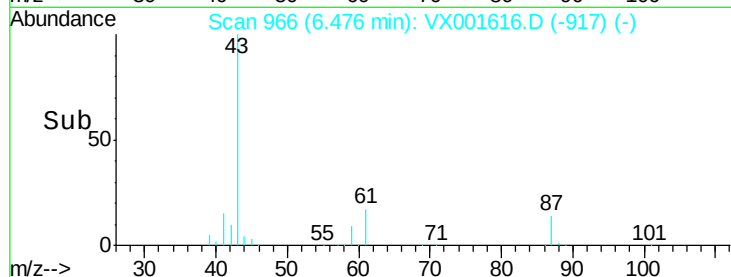
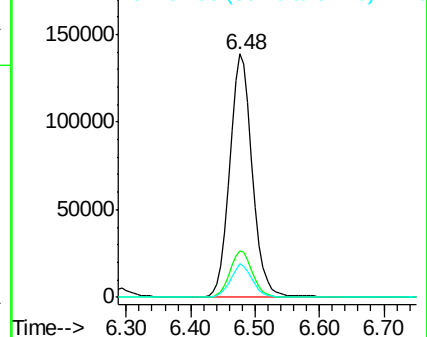
87 13.3 10.8 16.2



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: 50.11 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001616.D

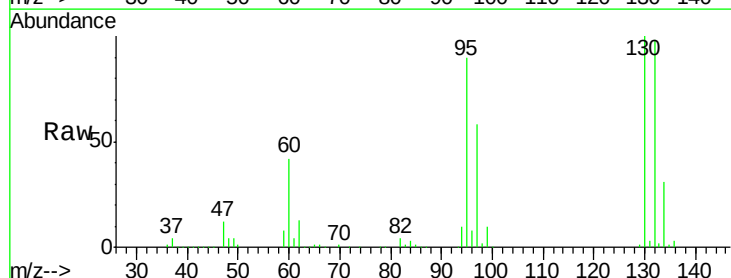
Acq: 10 May 2018 21:42

Tgt Ion: 130 Resp: 170895

Ion Ratio Lower Upper

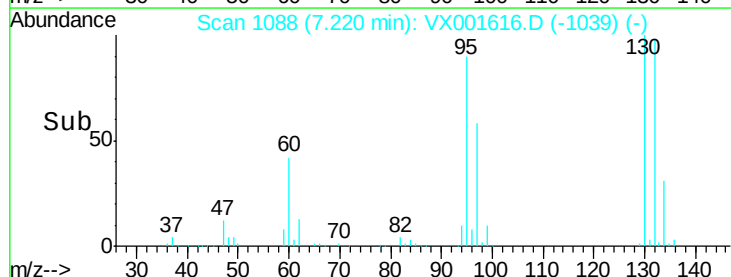
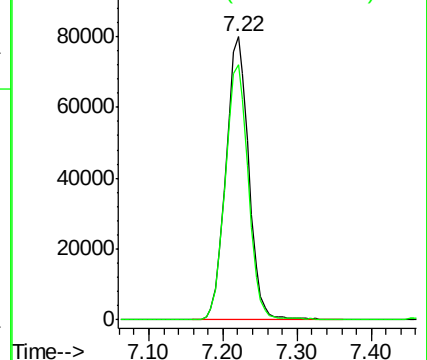
130 100

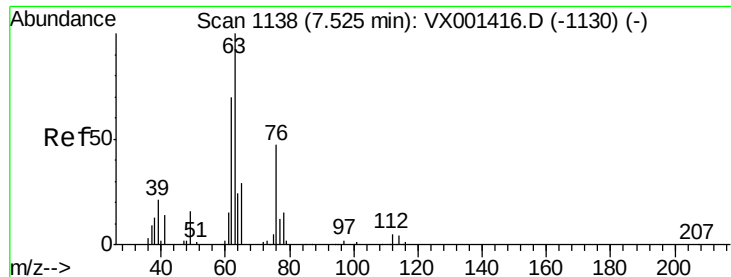
95 90.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.49 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

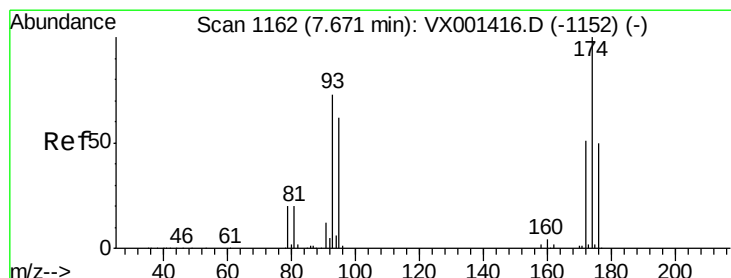
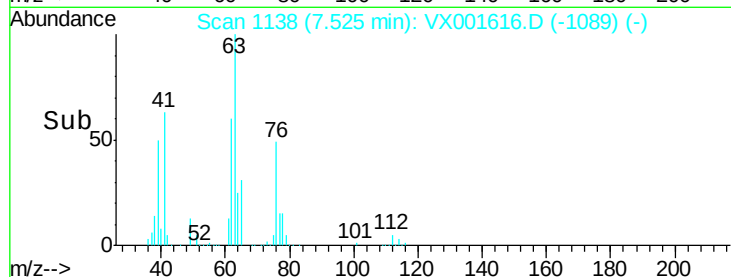
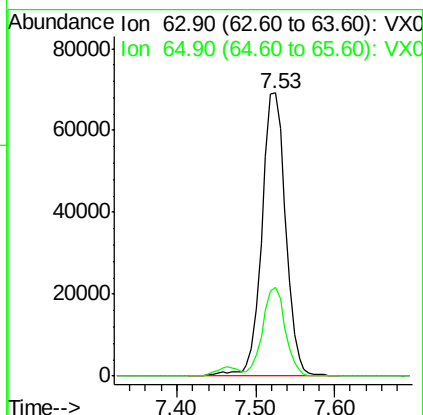
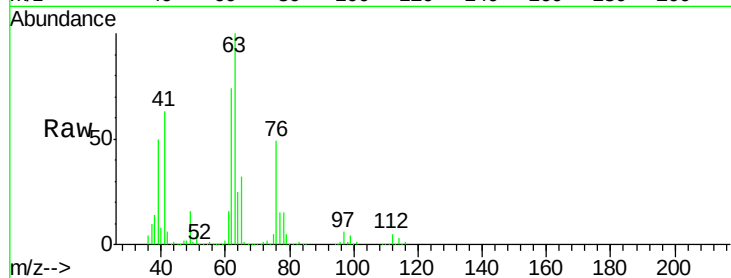
VSTDCCC050EC

Tgt Ion: 63 Resp: 145992

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 51.76 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

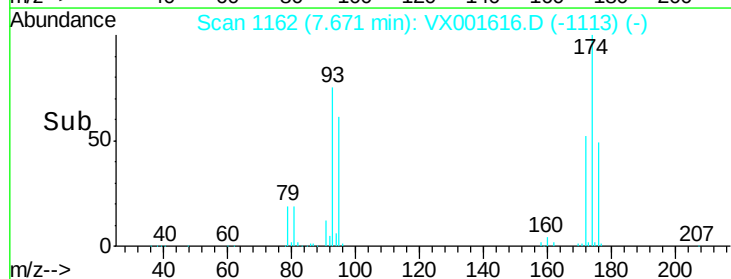
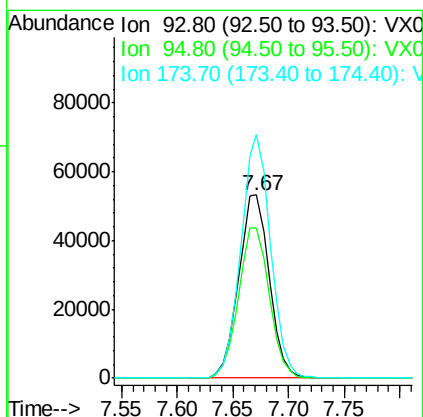
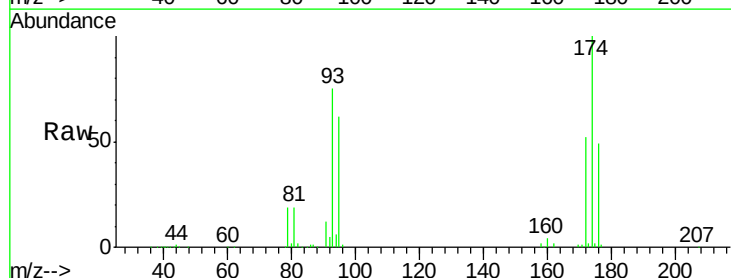
Tgt Ion: 93 Resp: 101923

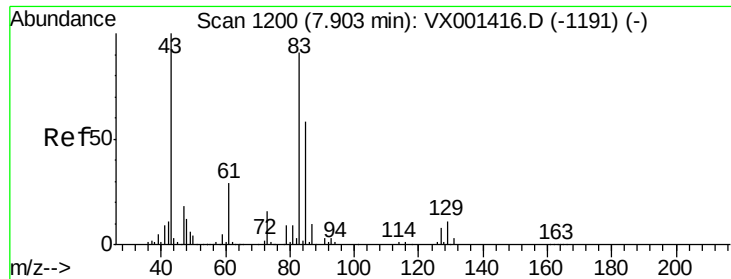
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.4

174 128.4 104.5 156.7





#47

Bromodichloromethane

Concen: 54.69 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

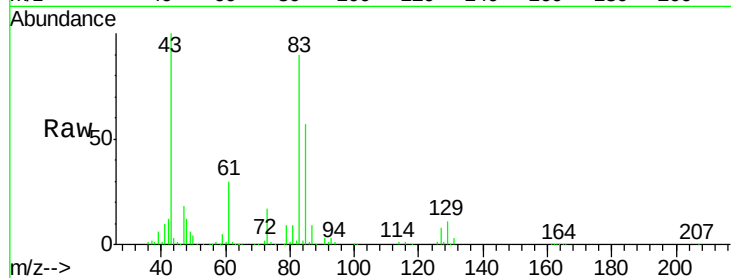
Tgt Ion: 83 Resp: 199307

Ion Ratio Lower Upper

83 100

85 63.3 51.0 76.6

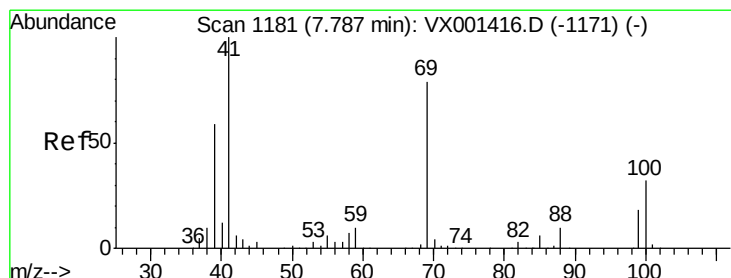
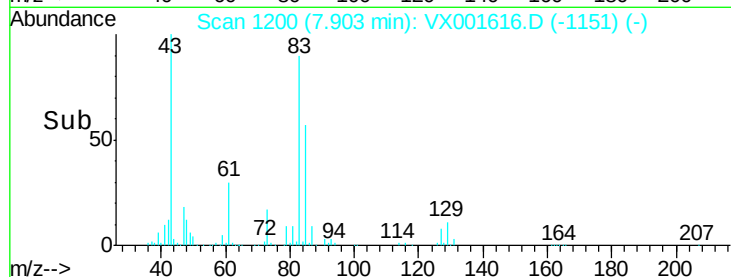
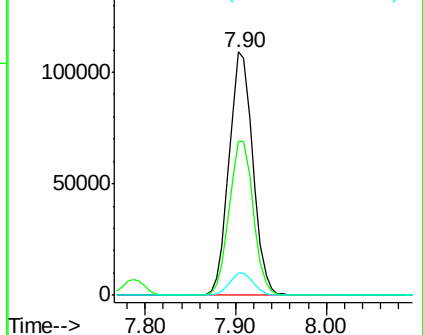
127 9.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.22 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

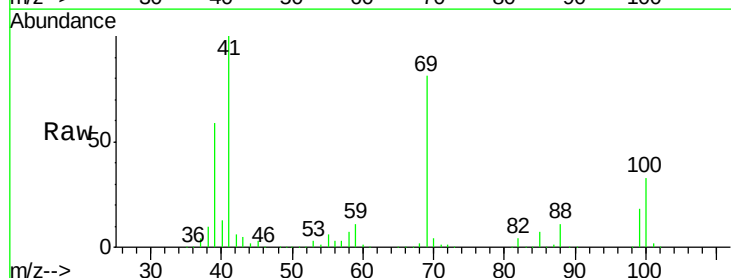
Tgt Ion: 41 Resp: 186266

Ion Ratio Lower Upper

41 100

69 80.4 63.4 95.2

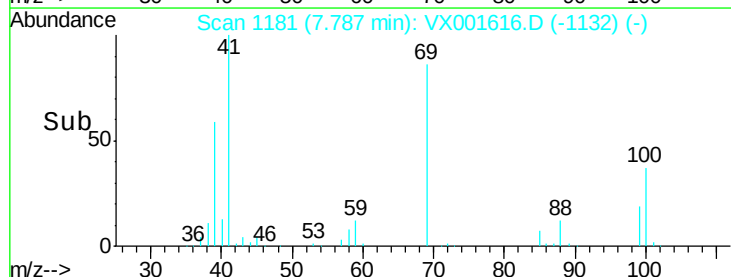
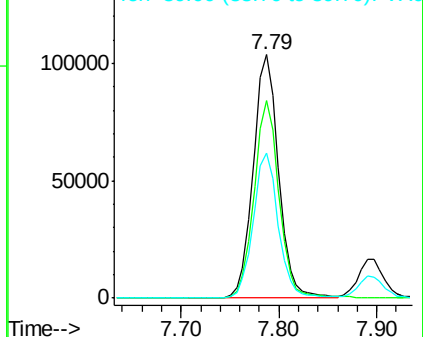
39 59.0 47.0 70.4

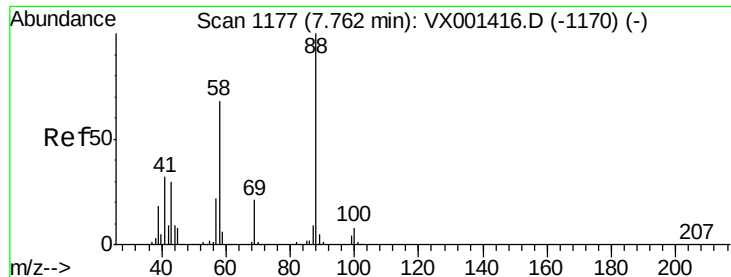


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

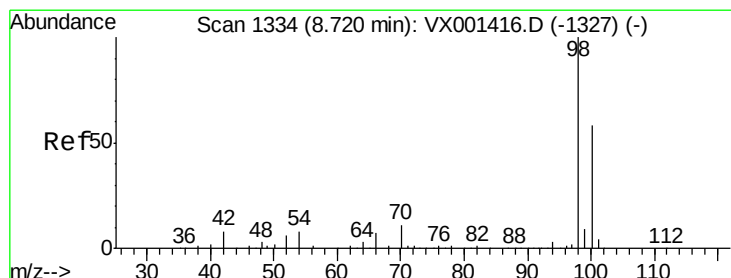
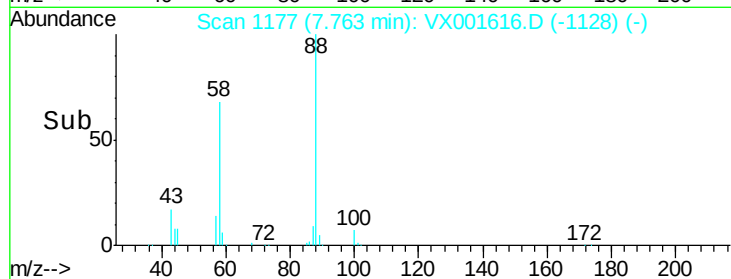
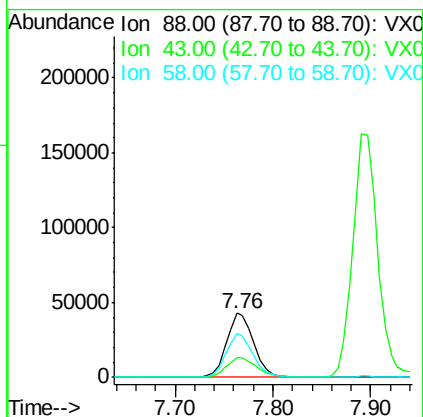
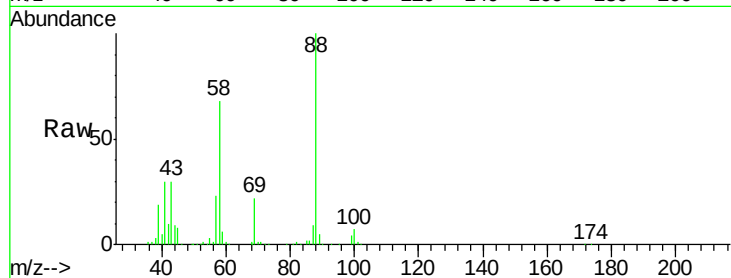




#49
1,4-Dioxane
Concen: 1081.99 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

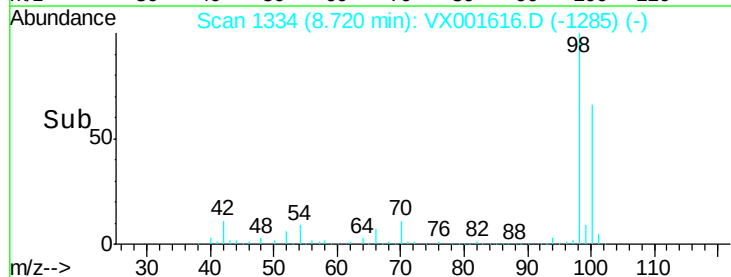
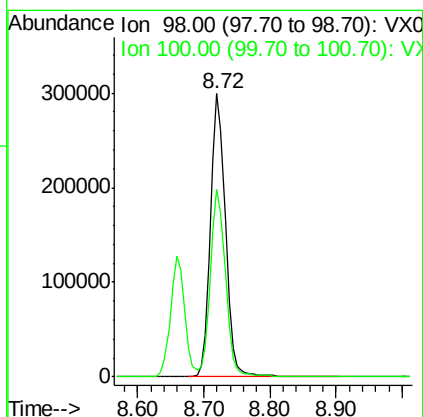
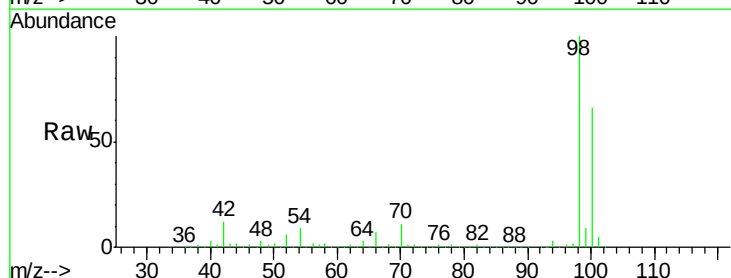
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

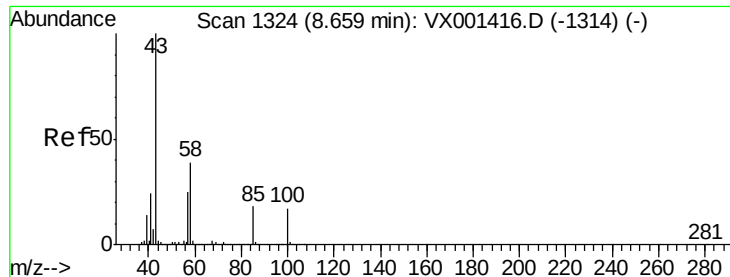
Tgt Ion: 88 Resp: 81820
Ion Ratio Lower Upper
88 100
43 35.2 26.4 39.6
58 68.5 54.1 81.1



#50
Toluene-d8
Concen: 48.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 98 Resp: 470000
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 275.55 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

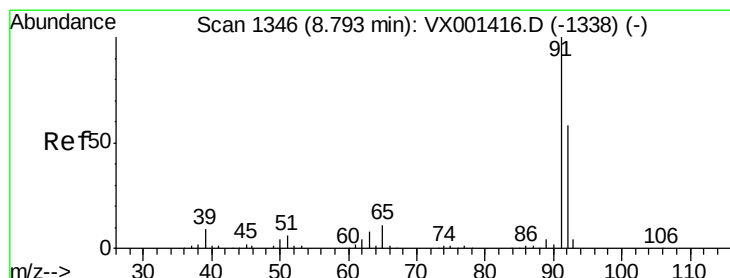
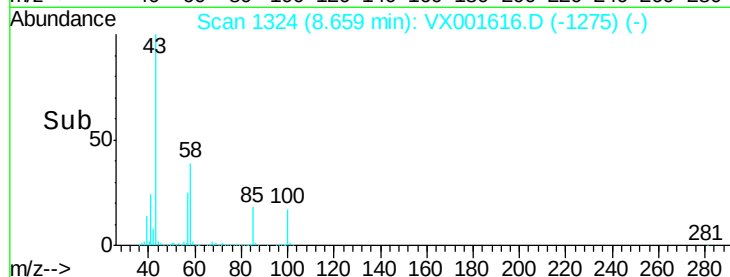
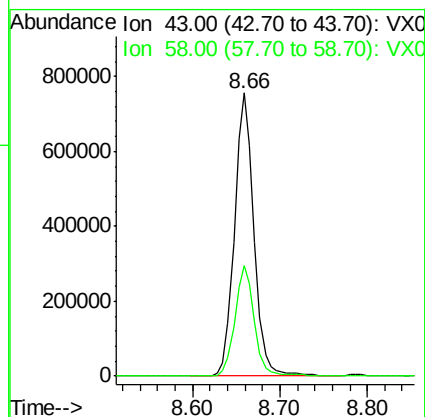
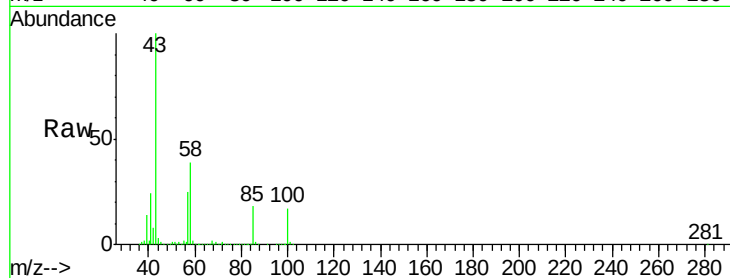
VSTDCCC050EC

Tgt Ion: 43 Resp: 1176993

Ion Ratio Lower Upper

43 100

58 39.1 30.8 46.2



#52

Toluene

Concen: 51.05 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001616.D

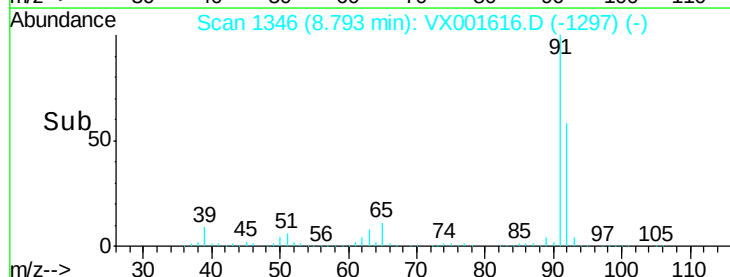
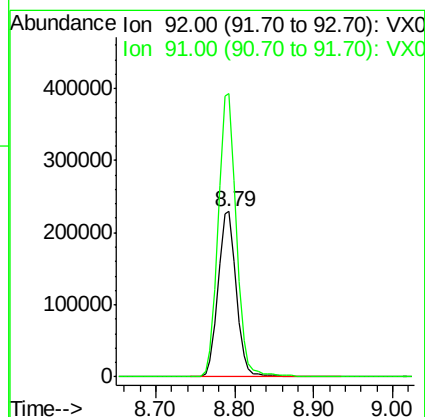
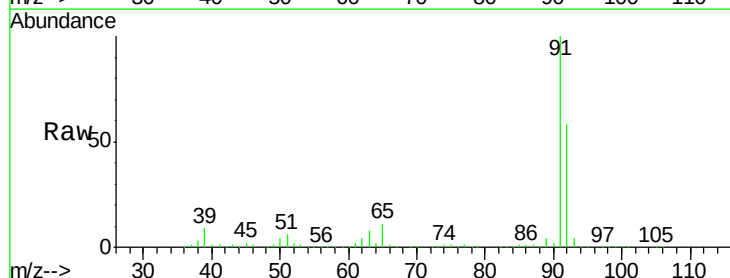
Acq: 10 May 2018 21:42

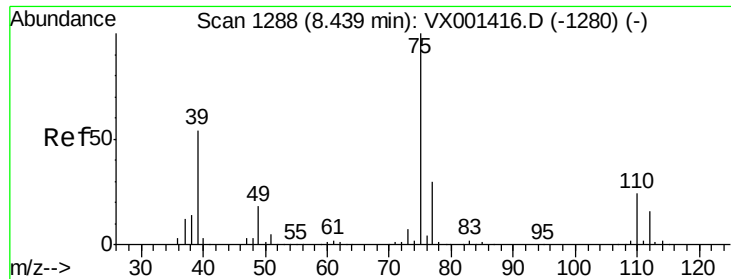
Tgt Ion: 92 Resp: 372413

Ion Ratio Lower Upper

92 100

91 171.0 135.2 202.8

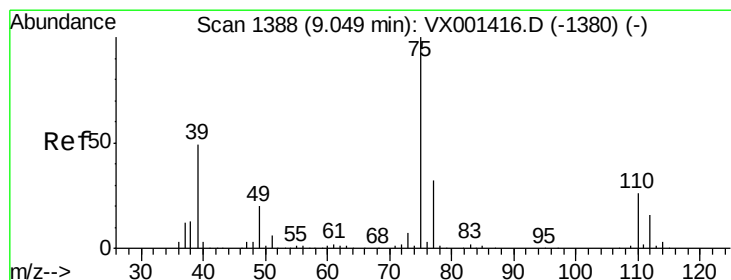
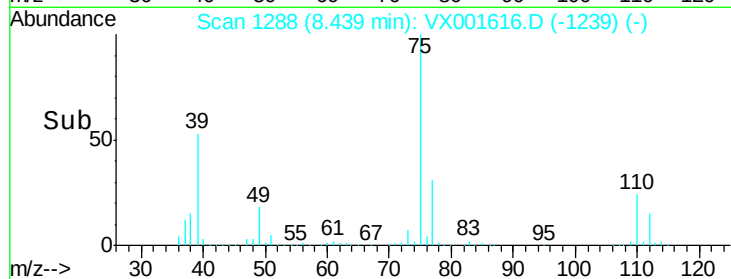
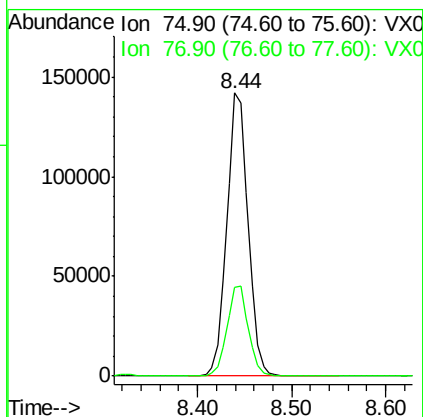
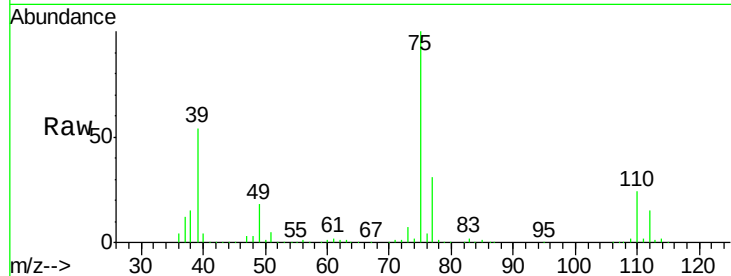




#53
 t-1,3-Dichloropropene
 Concen: 53.81 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

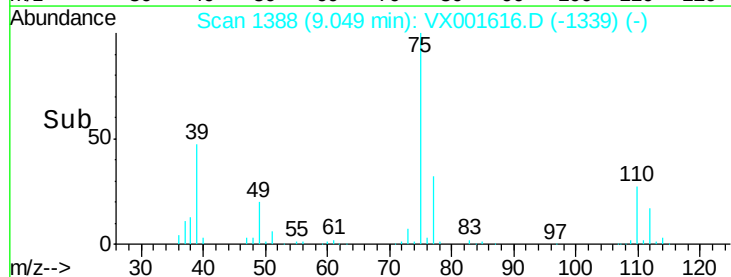
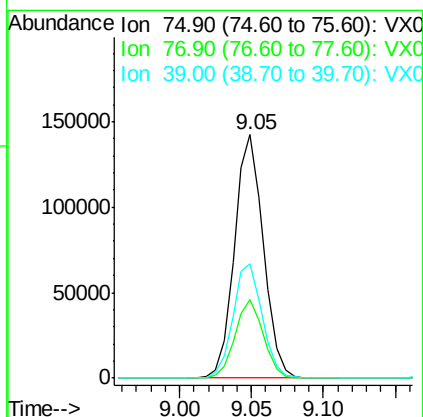
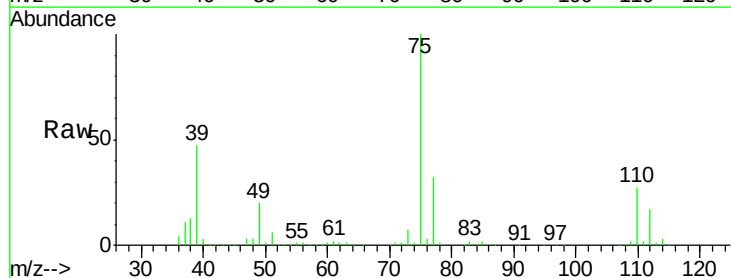
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

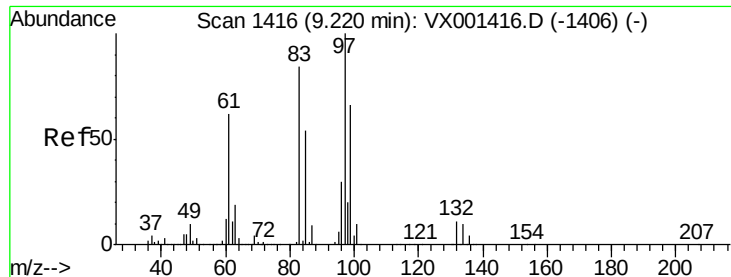
Tgt Ion: 75 Resp: 221625
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.74 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion: 75 Resp: 198369
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 47.1 38.9 58.3

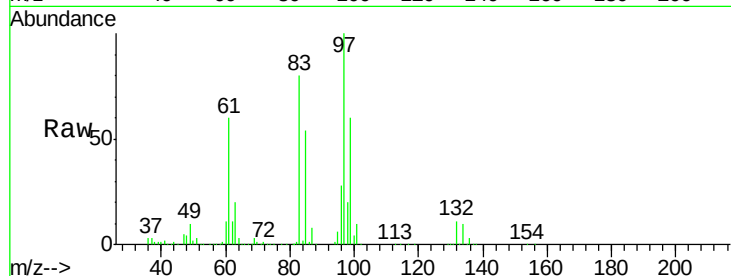




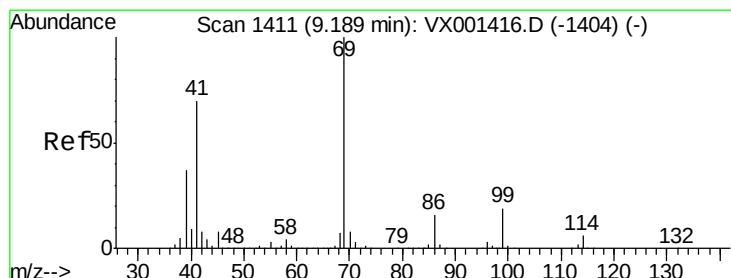
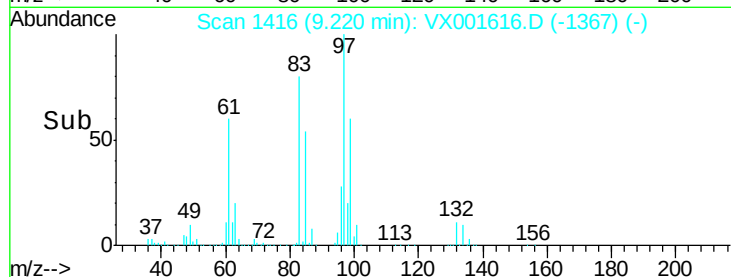
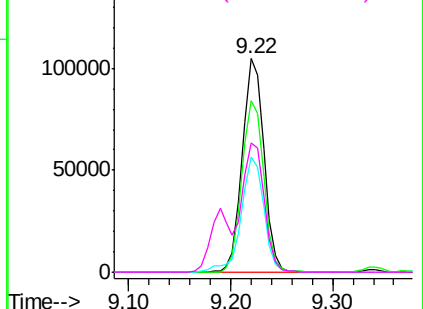
#55
 1,1,2-Trichloroethane
 Concen: 52.57 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	154513
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.4	101.0
85	54.1	43.3	64.9
99	60.2	52.5	78.7

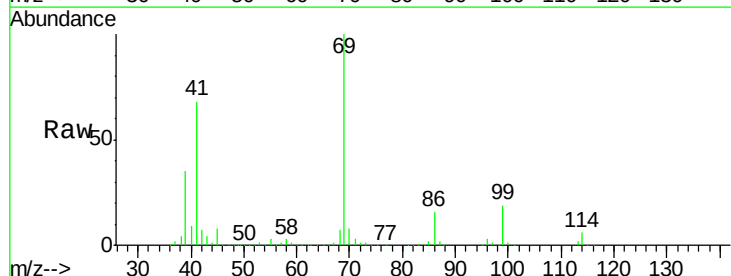


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

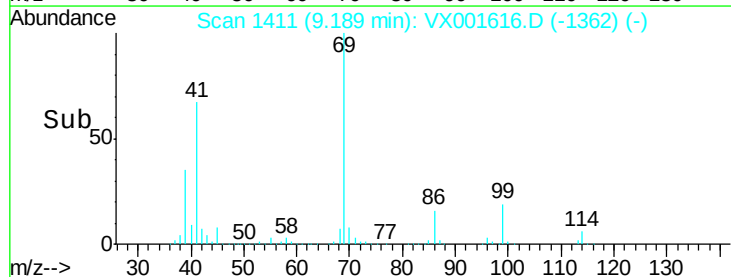
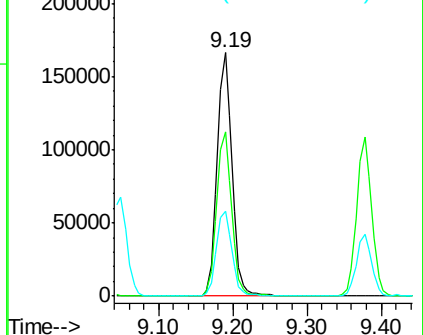


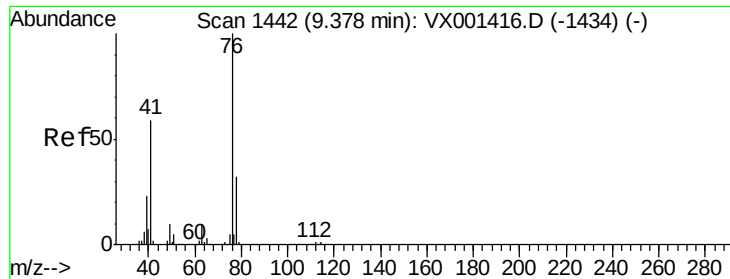
#56
 Ethyl methacrylate
 Concen: 54.01 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion:	69	Resp:	228848
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.1	82.7
39	36.1	29.9	44.9



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

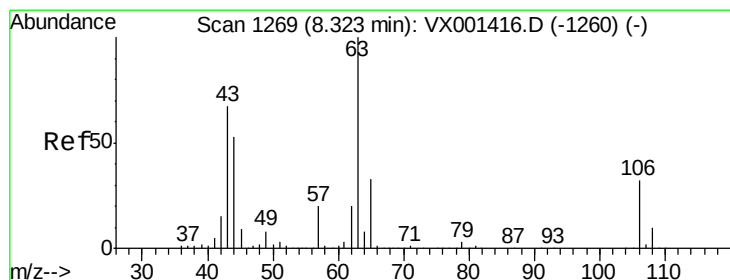
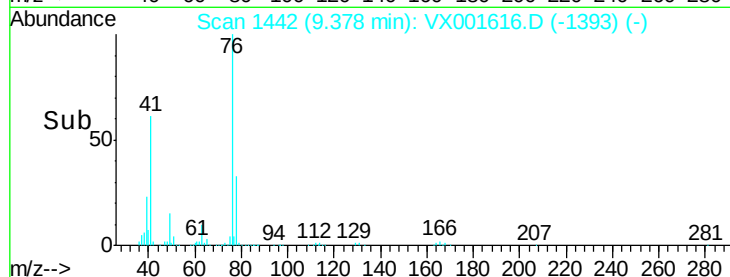
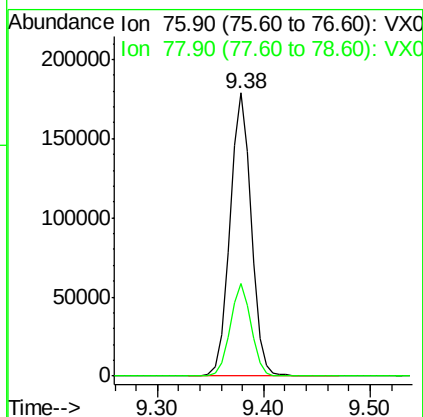
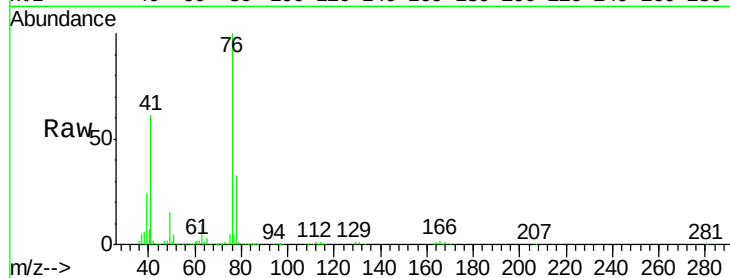




#57
 1,3-Dichloropropane
 Concen: 51.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

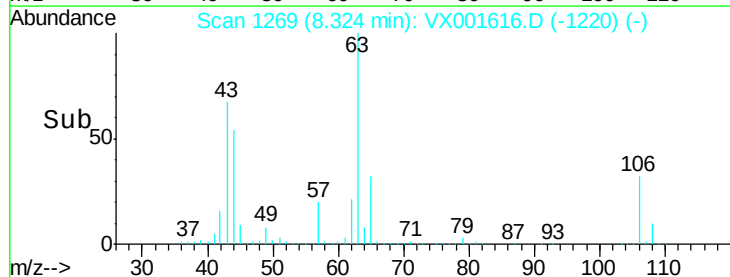
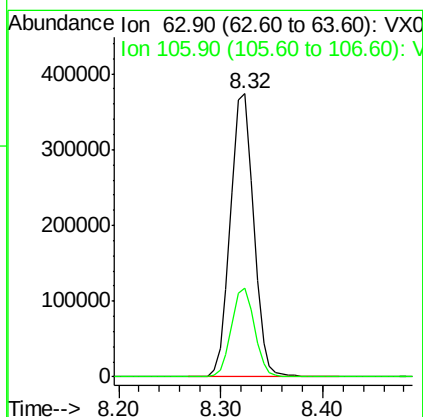
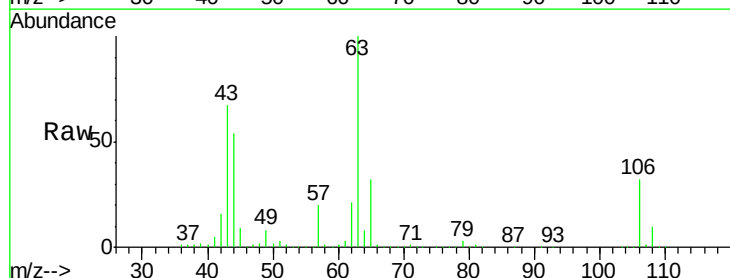
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

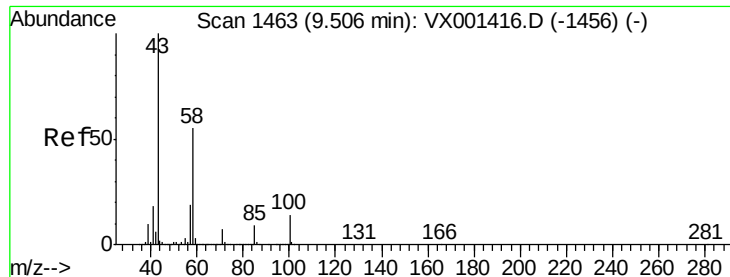
Tgt Ion: 76 Resp: 250880
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.00 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion: 63 Resp: 590170
 Ion Ratio Lower Upper
 63 100
 106 31.1 25.4 38.0

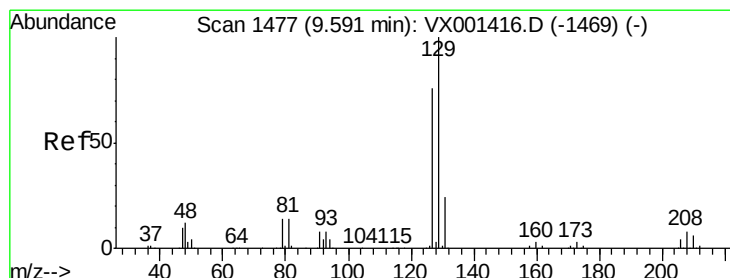
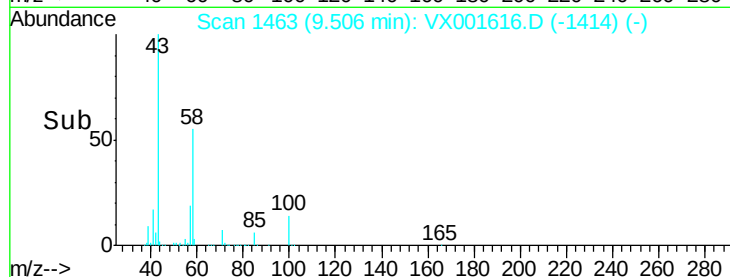
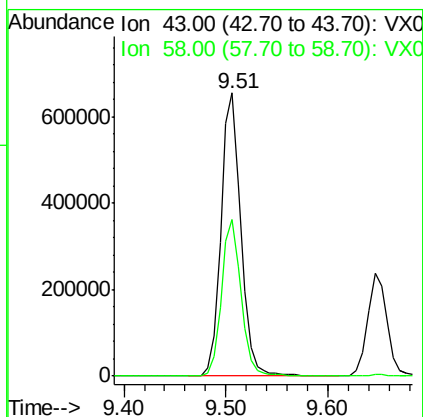
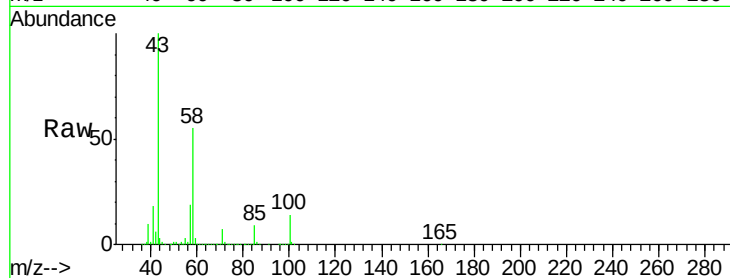




#59
2-Hexanone
Concen: 272.40 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

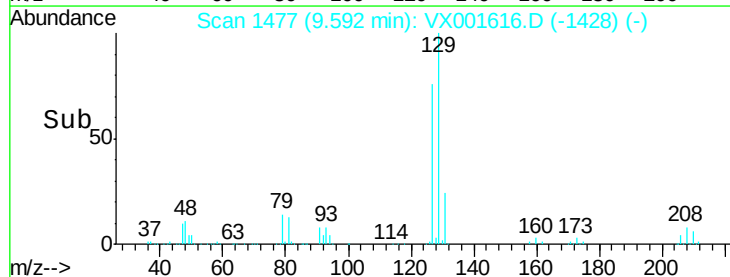
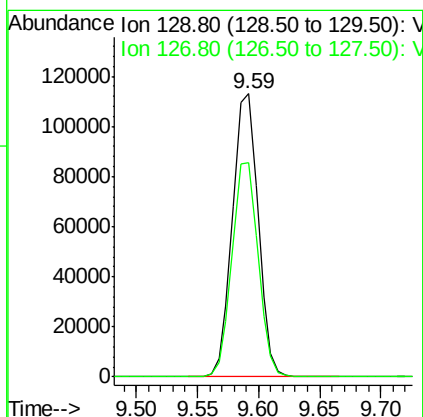
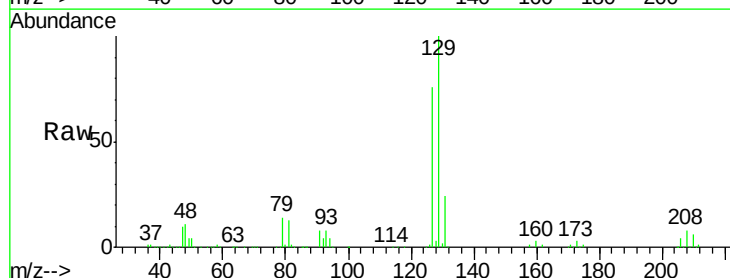
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

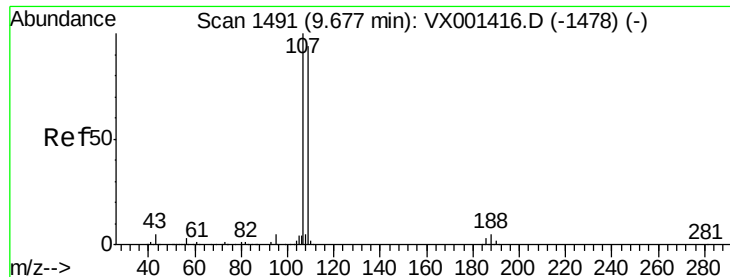
Tgt Ion: 43 Resp: 890979
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.2



#60
Dibromochloromethane
Concen: 54.71 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 129 Resp: 164676
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 52.42 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

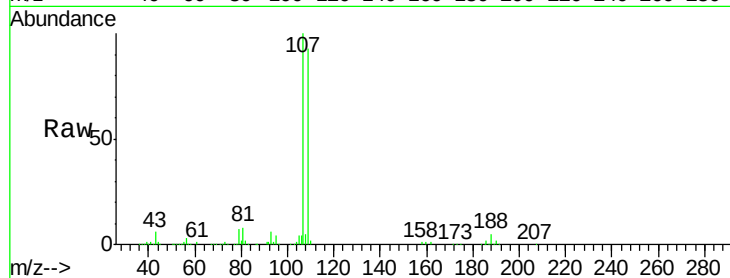
VSTDCCC050EC

Tgt Ion: 107 Resp: 161779

Ion Ratio Lower Upper

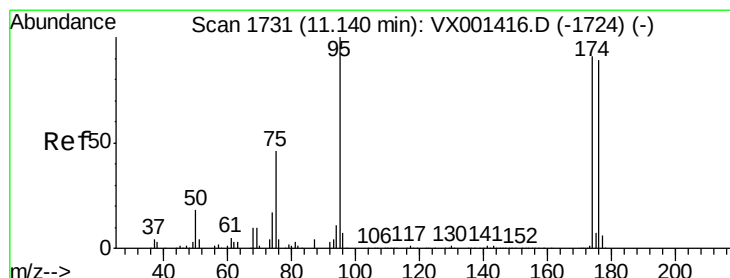
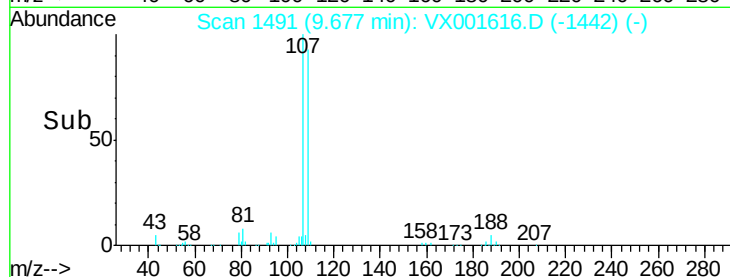
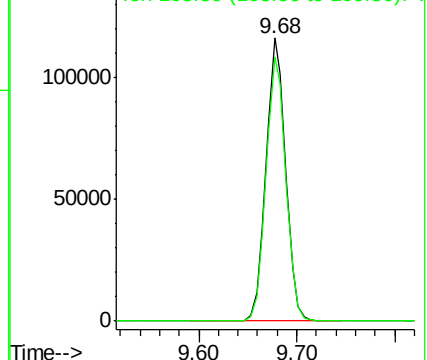
107 100

109 94.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

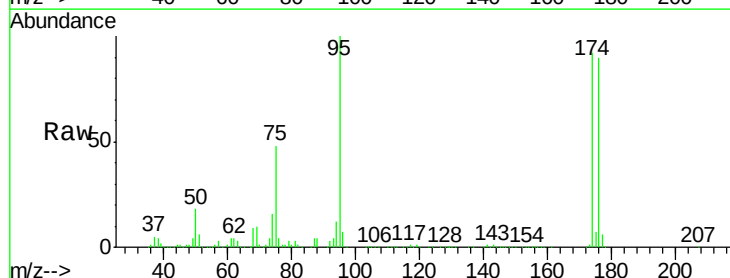
Tgt Ion: 95 Resp: 178392

Ion Ratio Lower Upper

95 100

174 102.4 0.0 202.0

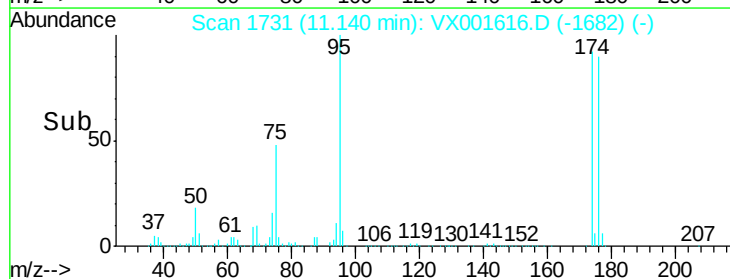
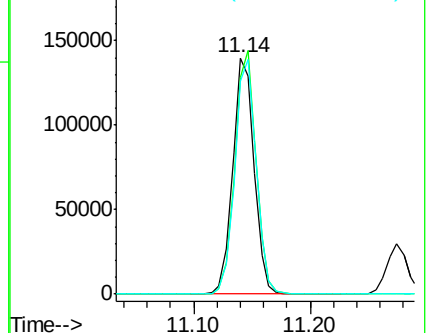
176 99.5 0.0 197.4

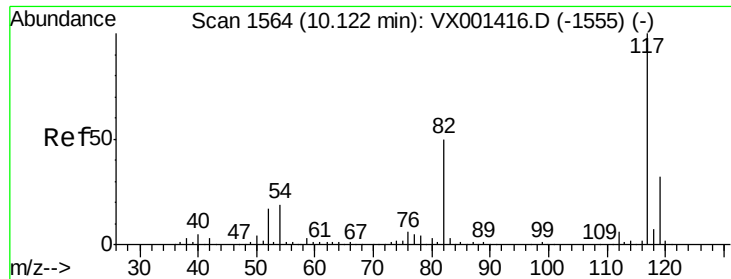


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

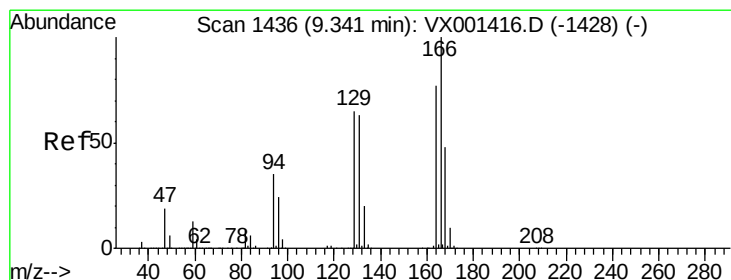
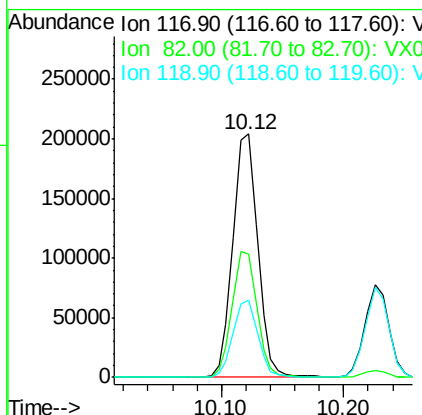
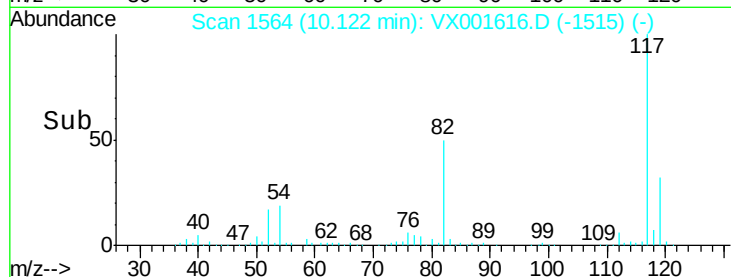
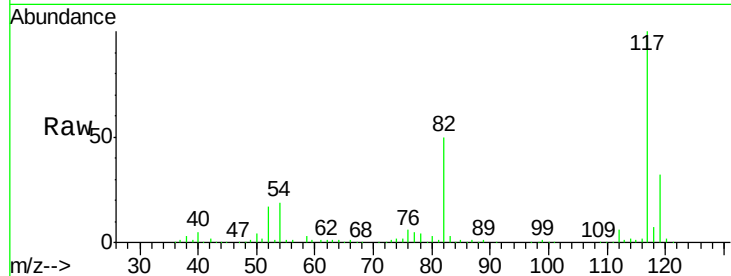




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

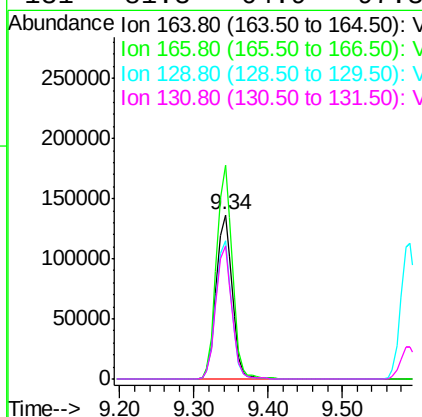
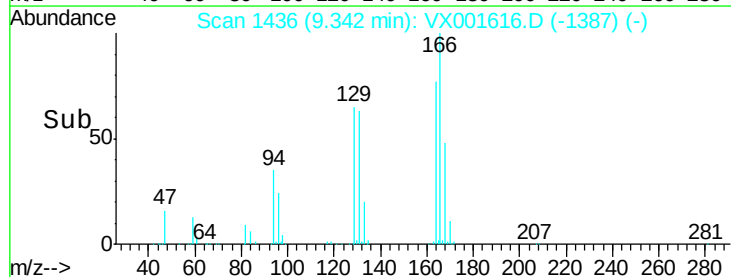
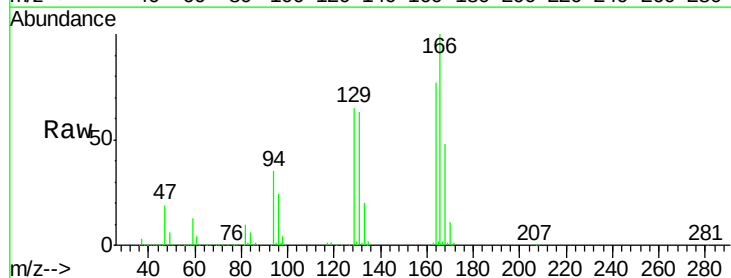
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

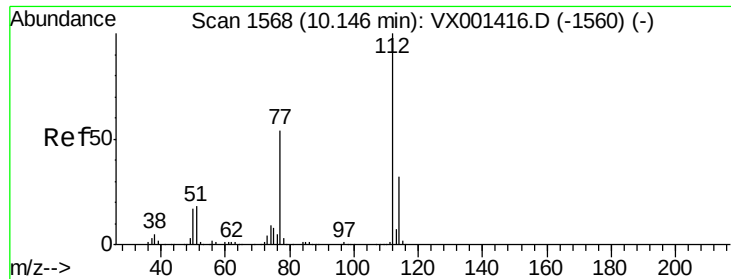
Tgt Ion:117 Resp: 288022
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 50.28 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion:164 Resp: 201867
Ion Ratio Lower Upper
164 100
166 129.8 103.5 155.3
129 84.3 66.7 100.1
131 81.3 64.9 97.3

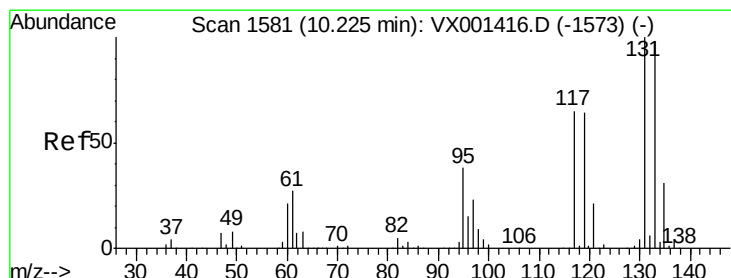
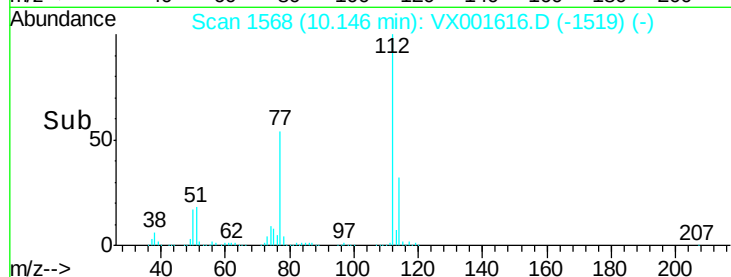
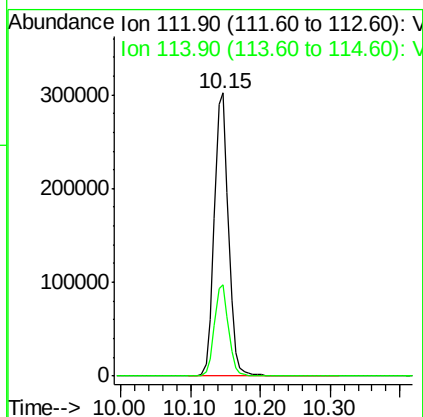
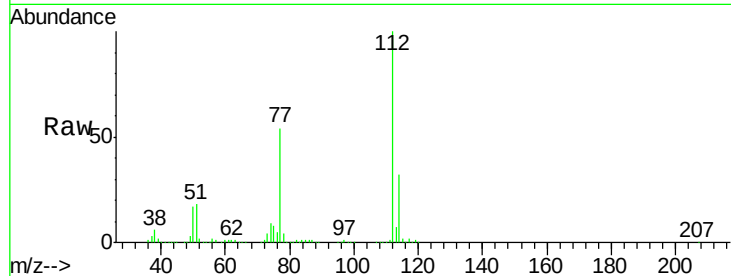




#65
Chlorobenzene
Concen: 50.47 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

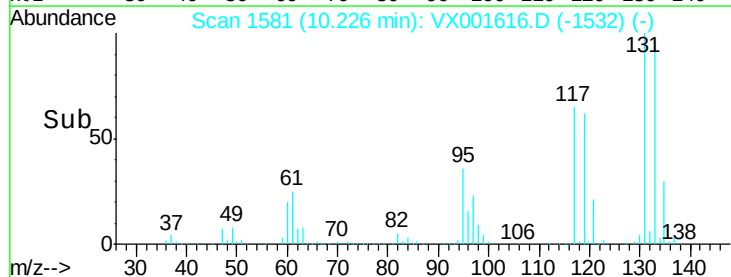
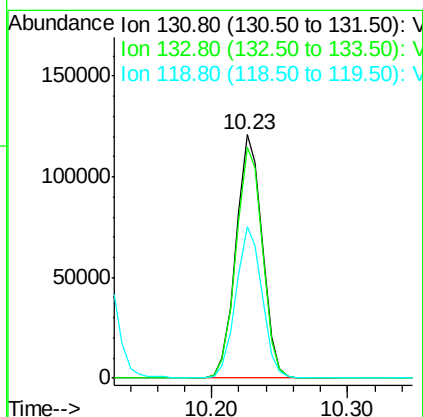
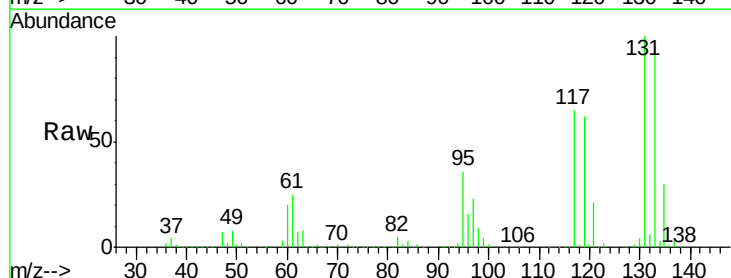
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

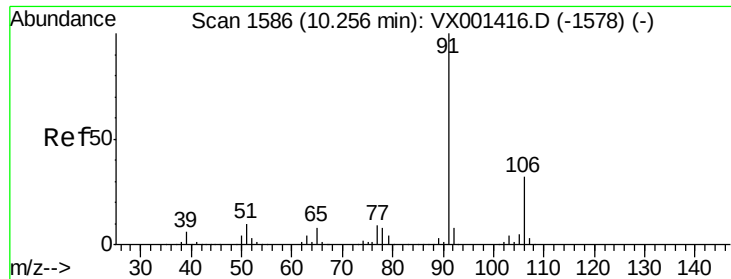
Tgt Ion:112 Resp: 426363
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.59 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion:131 Resp: 161913
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 62.1 31.1 93.3

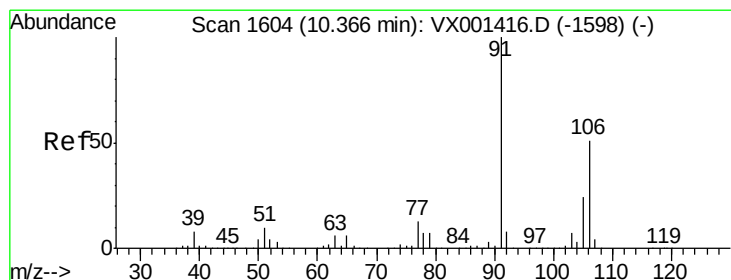
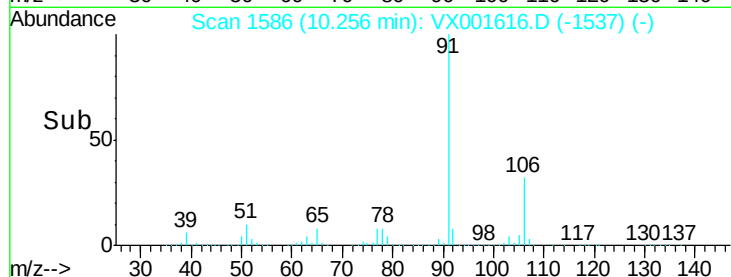
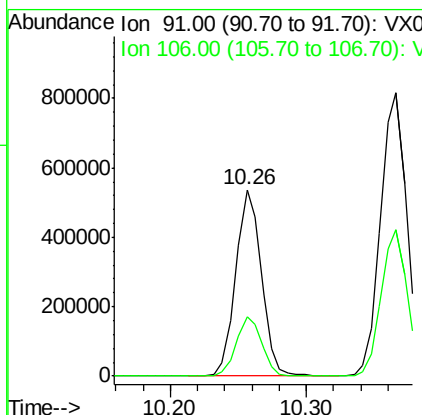
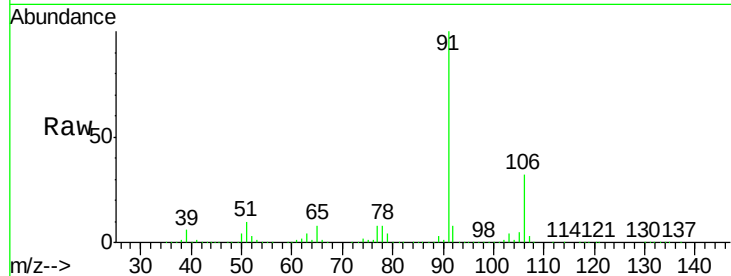




#67
Ethyl Benzene
Concen: 51.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

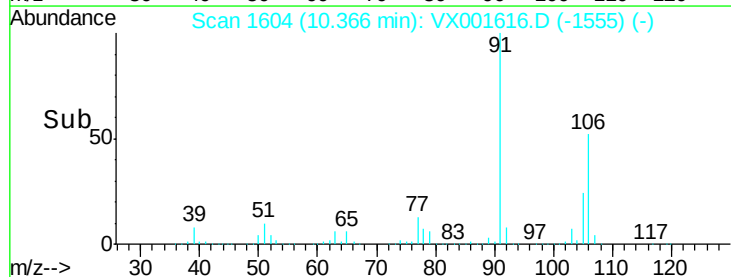
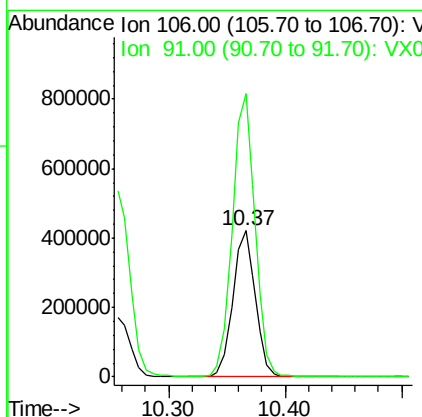
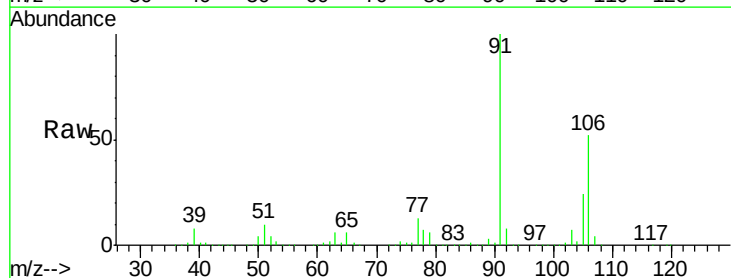
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

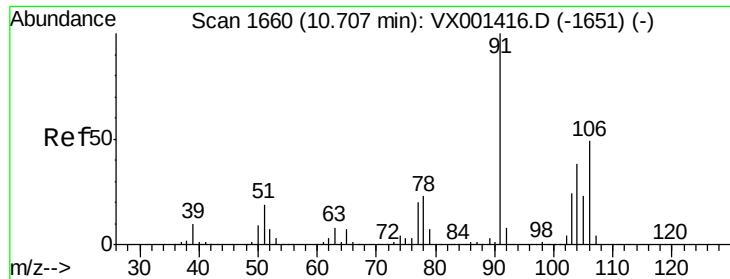
Tgt Ion: 91 Resp: 708360
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 102.99 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion: 106 Resp: 563441
Ion Ratio Lower Upper
106 100
91 196.6 157.5 236.3

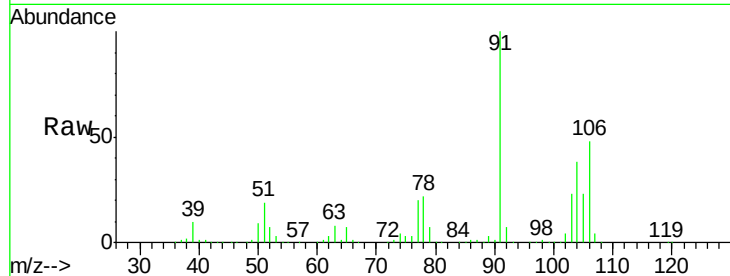




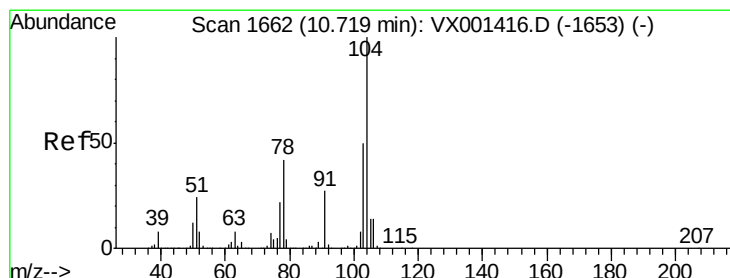
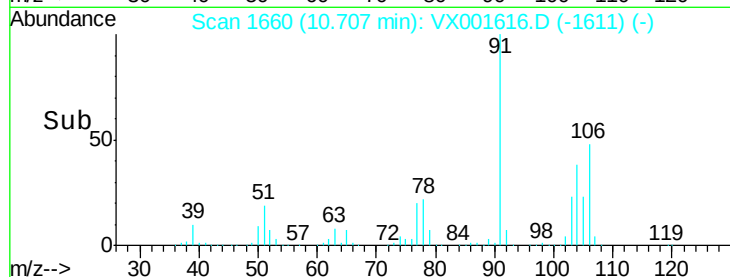
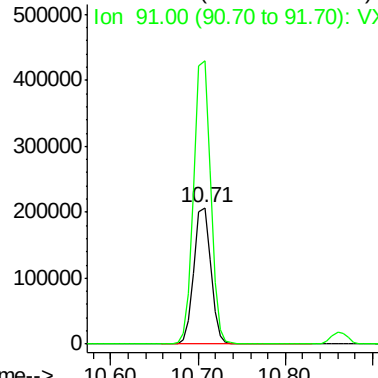
#69
o-Xylene
Concen: 51.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 276352
Ion Ratio Lower Upper
106 100
91 207.7 103.1 309.1

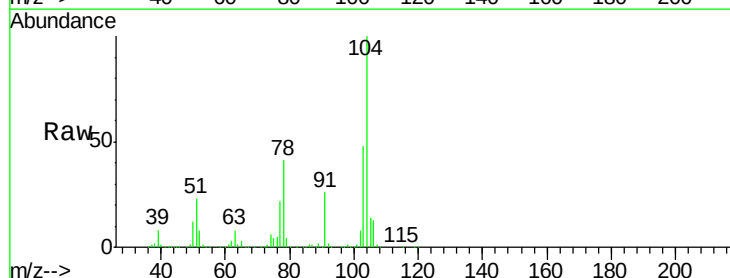


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

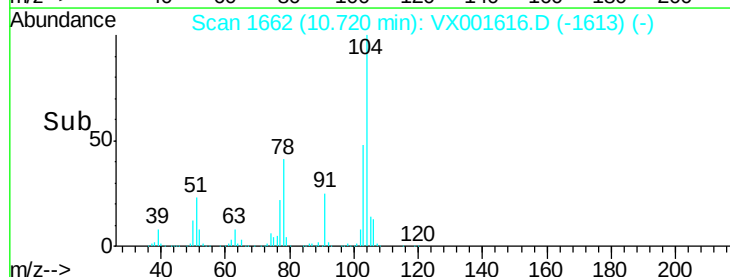
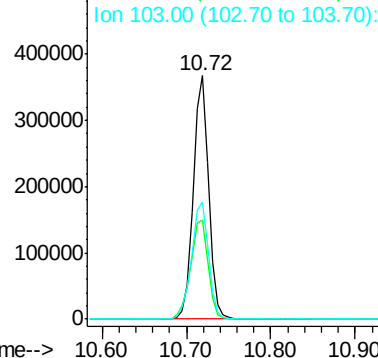


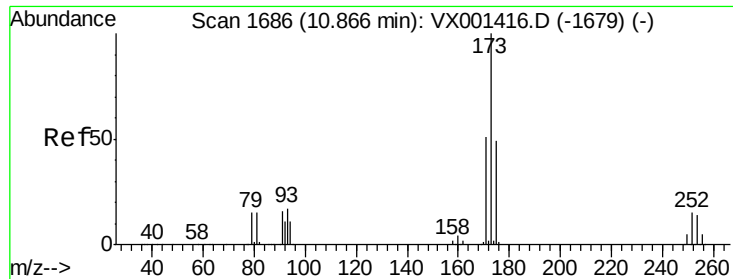
#70
Styrene
Concen: 53.78 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion:104 Resp: 464534
Ion Ratio Lower Upper
104 100
78 46.9 38.6 58.0
103 53.8 44.0 66.0



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

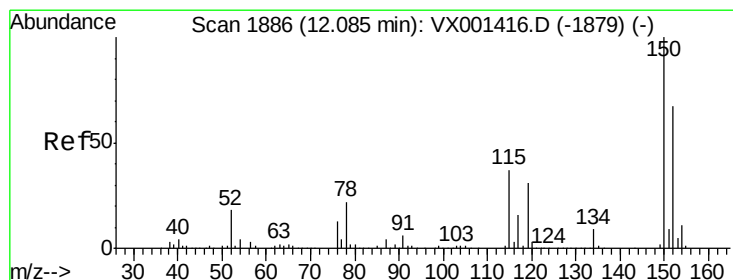
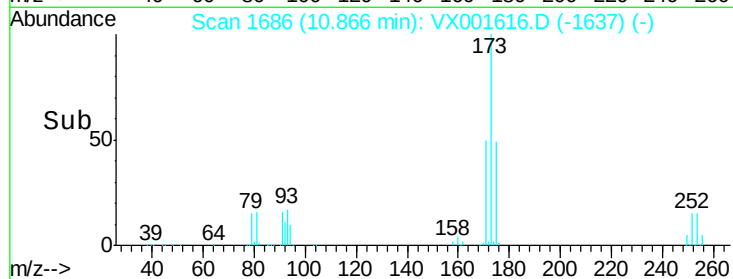
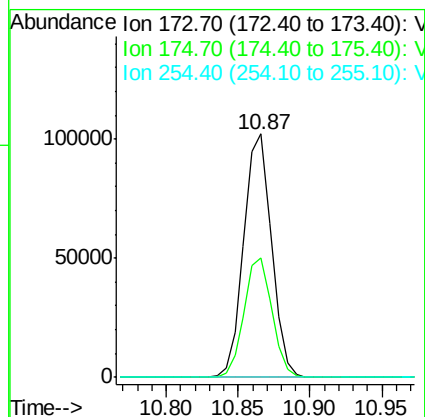
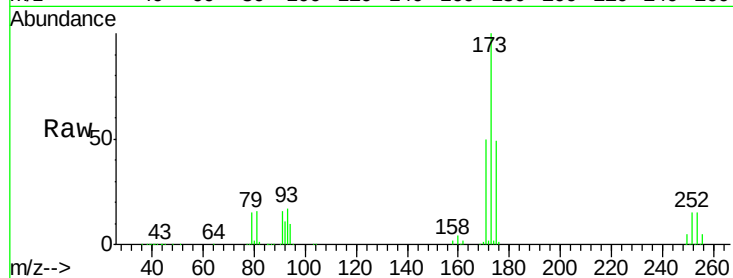




#71
Bromoform
Concen: 47.31 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

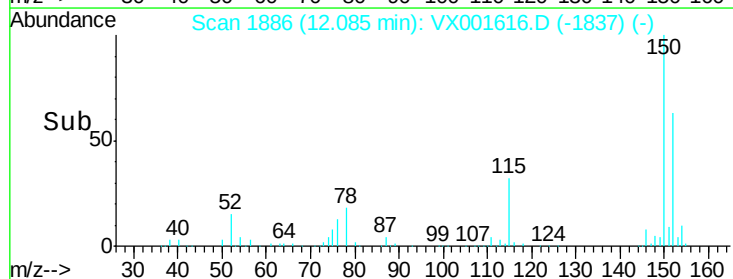
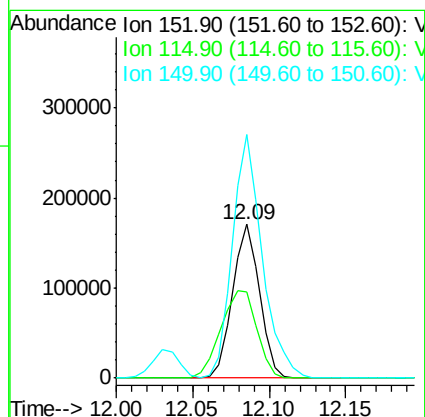
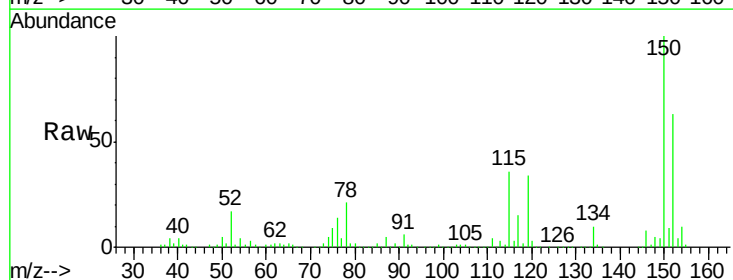
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

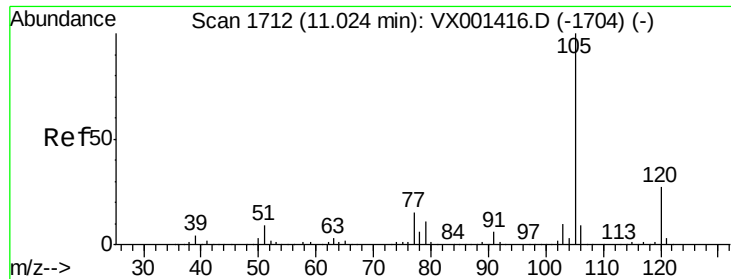
Tgt Ion:173 Resp: 136863
Ion Ratio Lower Upper
173 100
175 49.2 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001616.D
Acq: 10 May 2018 21:42

Tgt Ion:152 Resp: 207963
Ion Ratio Lower Upper
152 100
115 76.0 37.7 113.1
150 175.1 0.0 349.4





#73

Isopropylbenzene

Concen: 51.71 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

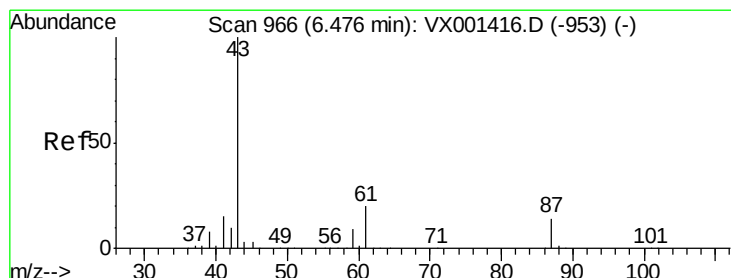
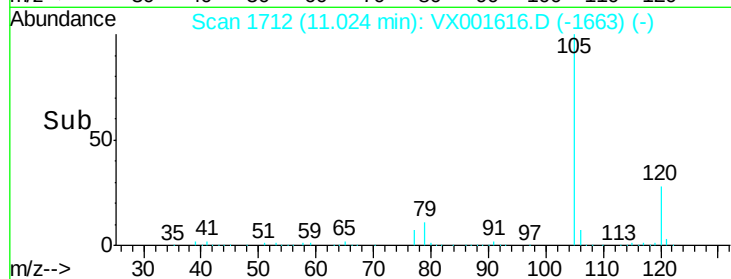
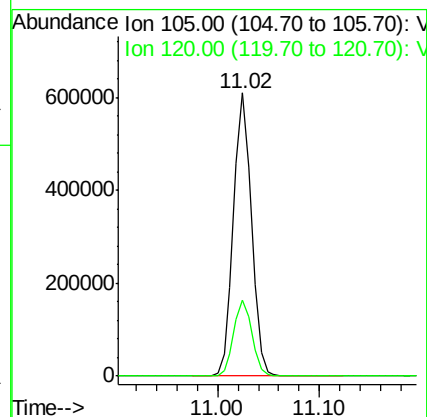
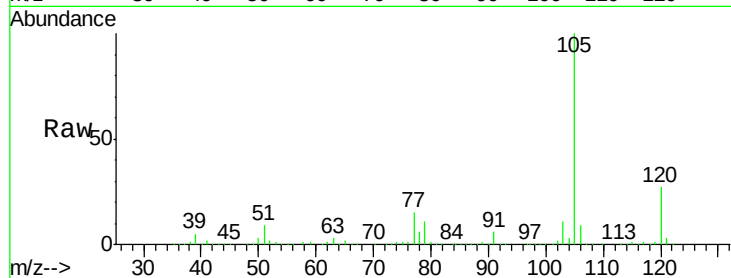
VSTDCCC050EC

Tgt Ion: 105 Resp: 744413

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 52.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Tgt Ion: 43 Resp: 342242

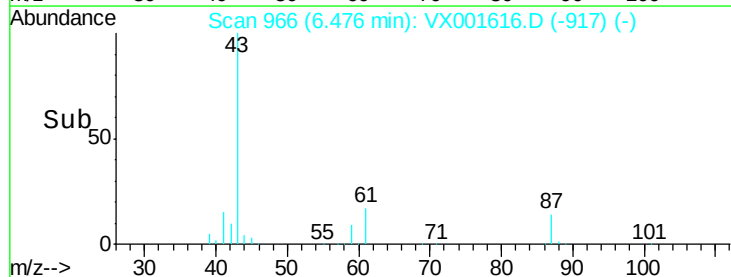
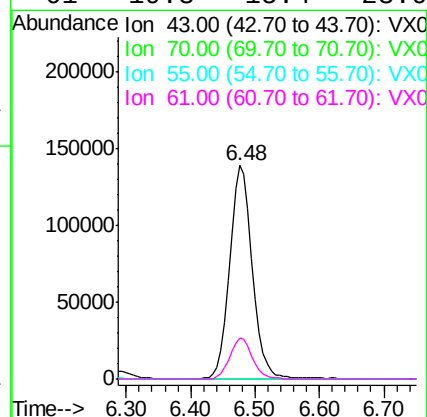
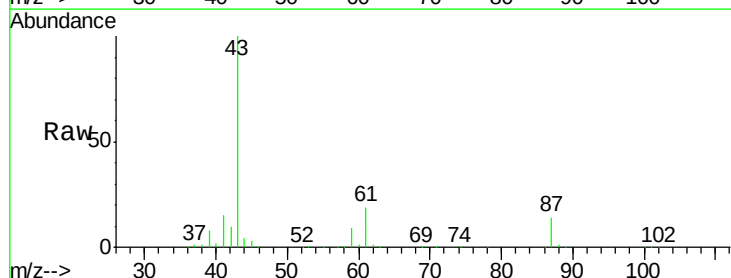
Ion Ratio Lower Upper

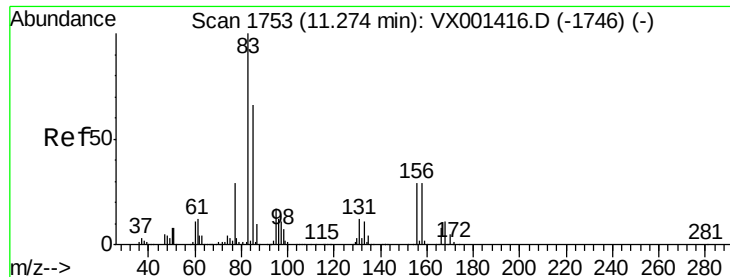
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

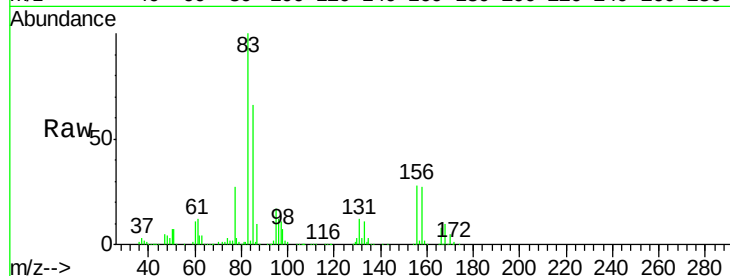
Tgt Ion: 83 Resp: 226083

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

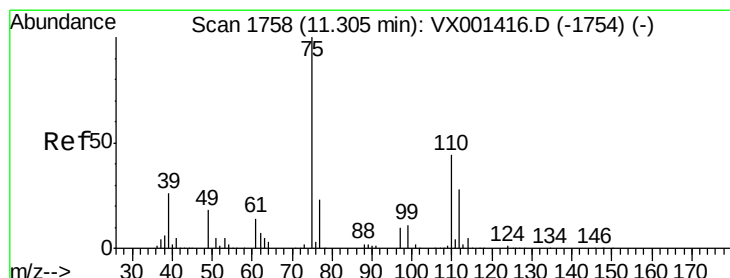
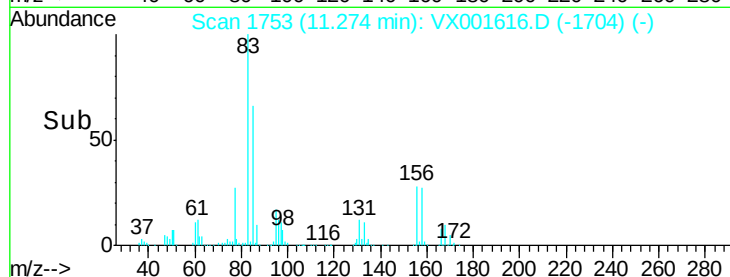
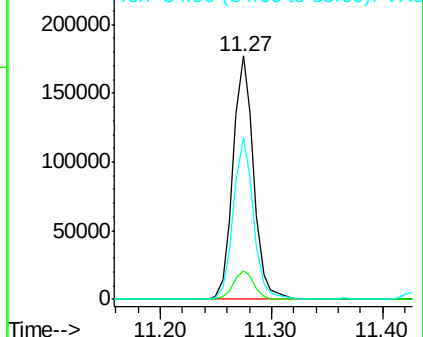
85 64.8 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.36 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001616.D

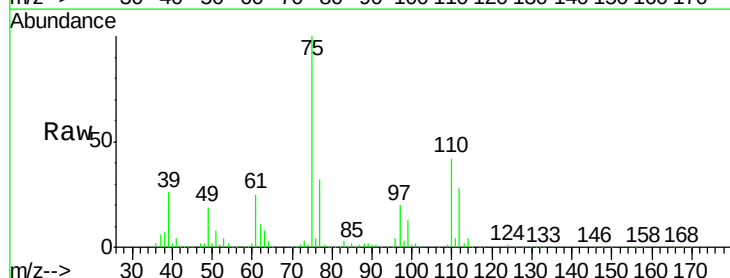
Acq: 10 May 2018 21:42

Tgt Ion: 75 Resp: 267216

Ion Ratio Lower Upper

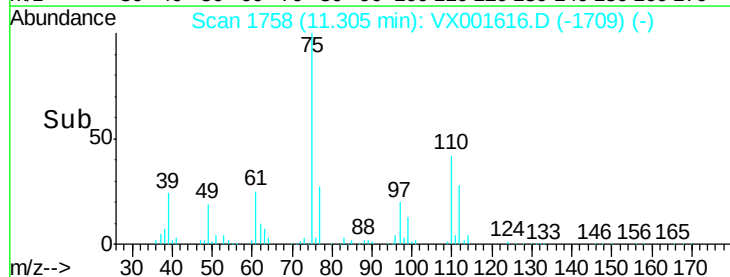
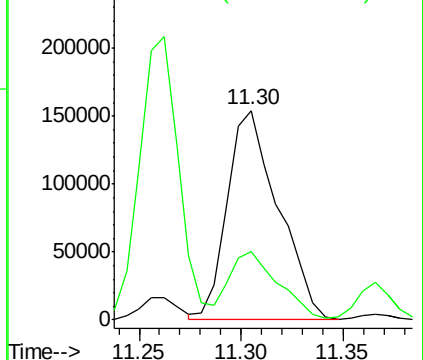
75 100

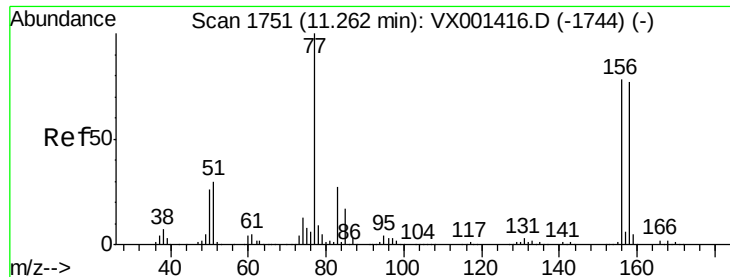
77 31.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

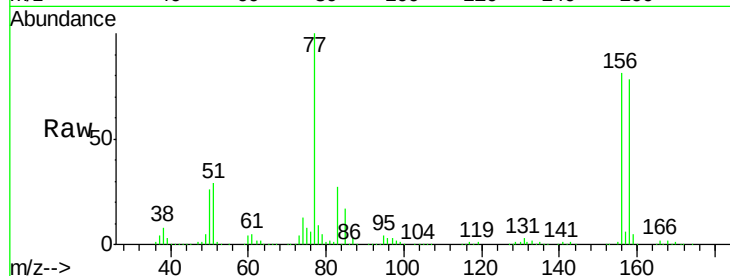
Tgt Ion:156 Resp: 210187

Ion Ratio Lower Upper

156 100

77 132.2 66.0 198.2

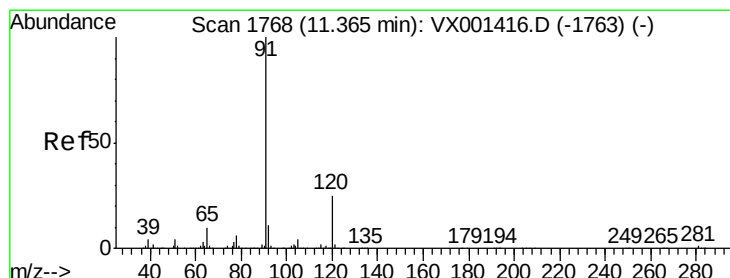
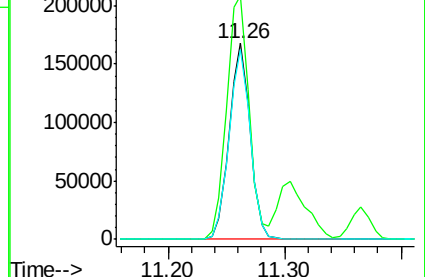
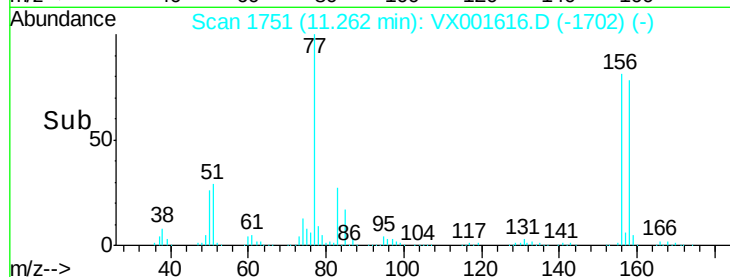
158 97.9 49.4 148.2



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: 52.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001616.D

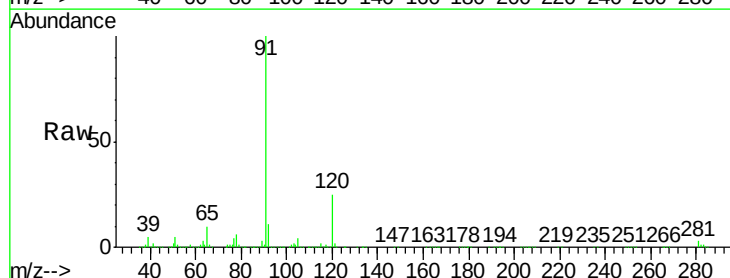
Acq: 10 May 2018 21:42

Tgt Ion: 91 Resp: 820507

Ion Ratio Lower Upper

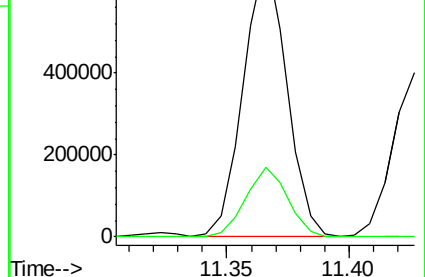
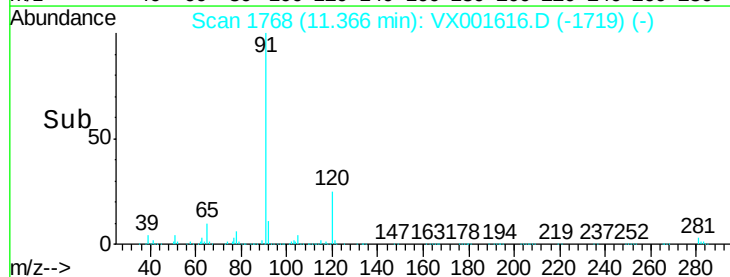
91 100

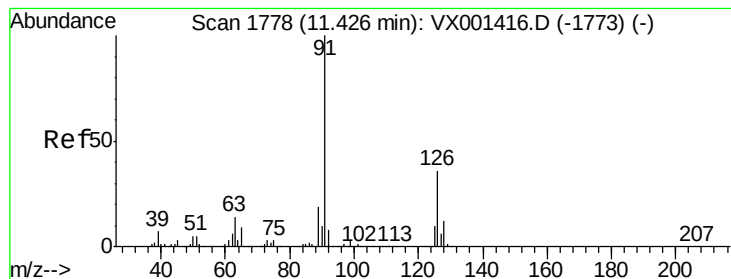
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

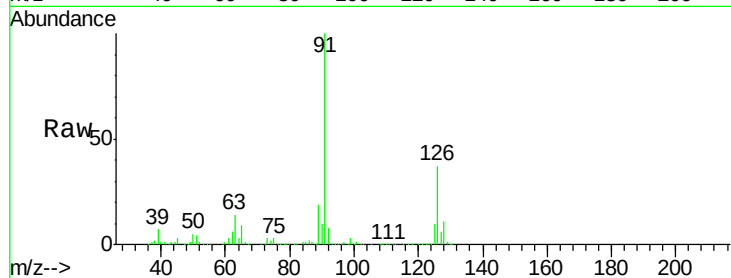
VSTDCCC050EC

Tgt Ion: 91 Resp: 495124

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX001616.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001616.D (-1773) (-)

800000

600000

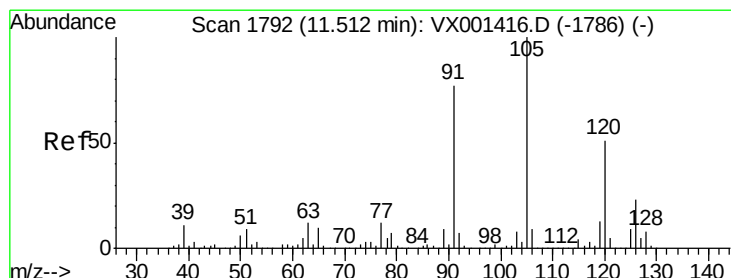
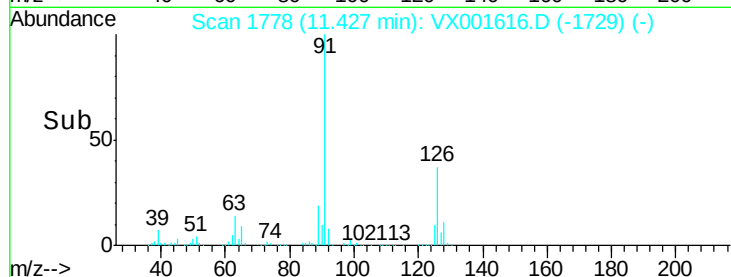
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001616.D

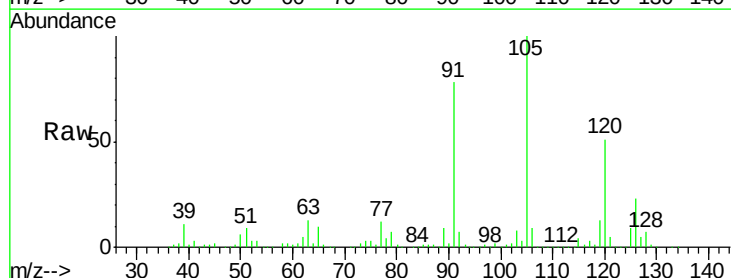
Acq: 10 May 2018 21:42

Tgt Ion: 105 Resp: 618650

Ion Ratio Lower Upper

105 100

120 51.3 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001616.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001616.D (-1786) (-)

600000

500000

400000

300000

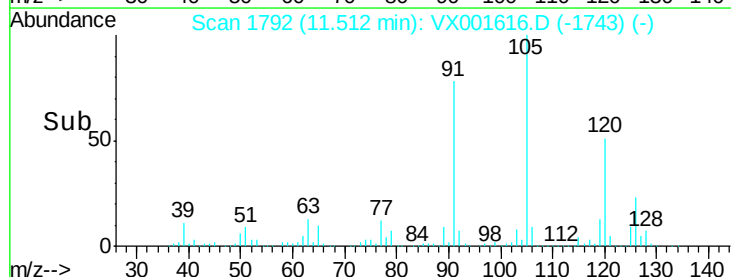
200000

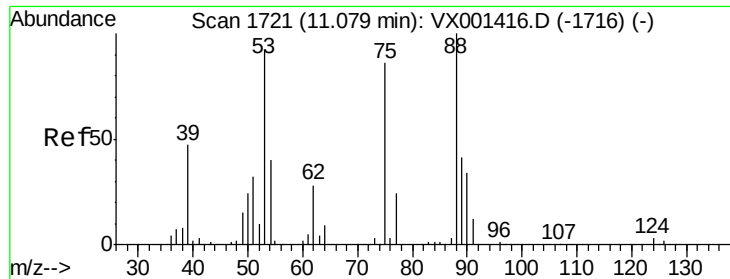
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

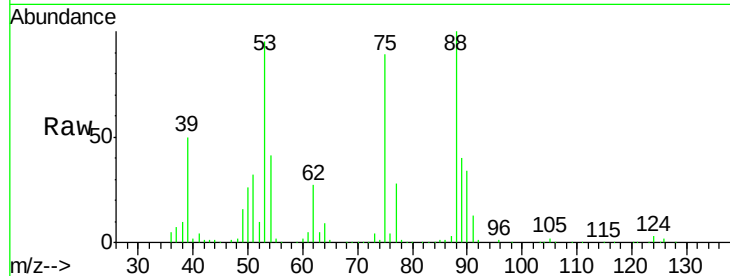
Tgt Ion: 75 Resp: 59191

Ion Ratio Lower Upper

75 100

53 106.4 84.5 126.7

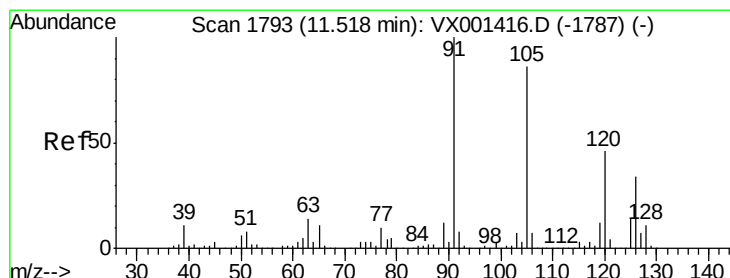
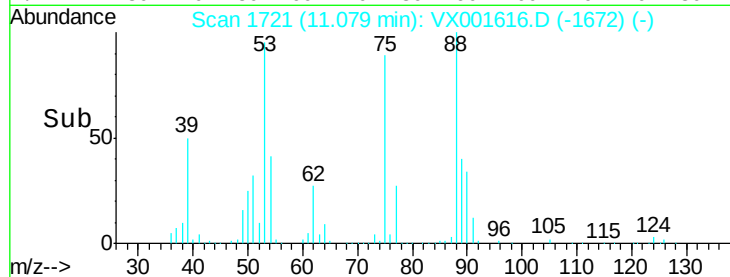
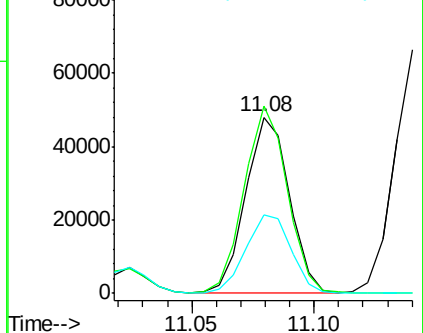
89 46.9 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.57 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001616.D

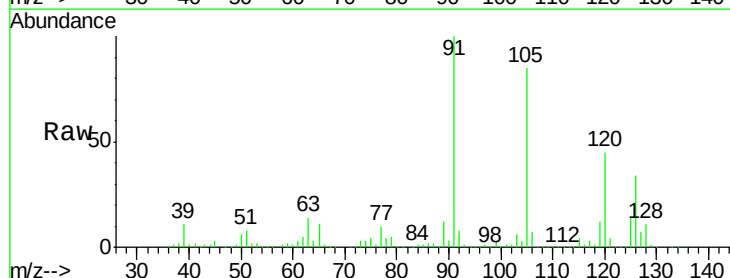
Acq: 10 May 2018 21:42

Tgt Ion: 91 Resp: 573954

Ion Ratio Lower Upper

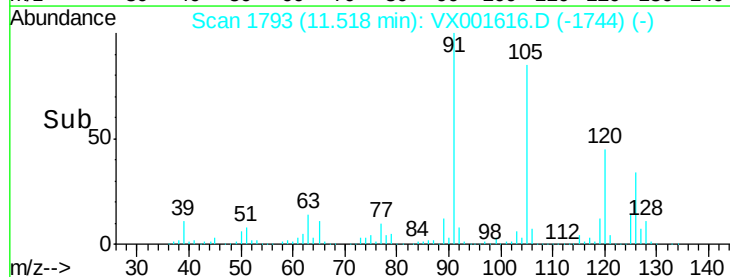
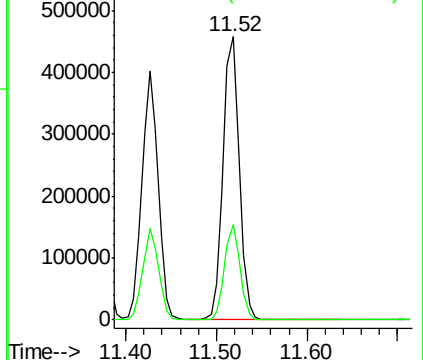
91 100

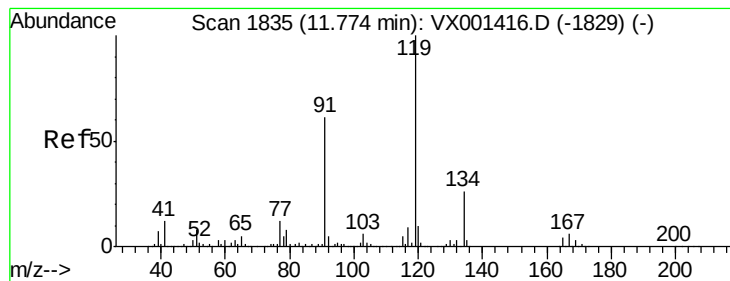
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.82 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

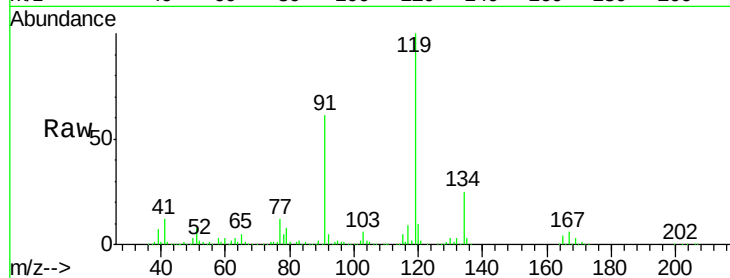
Tgt Ion:119 Resp: 606133

Ion Ratio Lower Upper

119 100

91 56.5 27.8 83.3

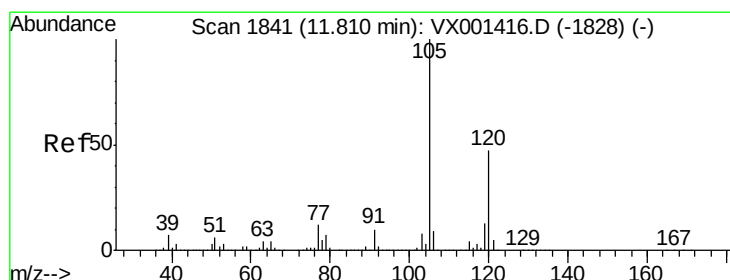
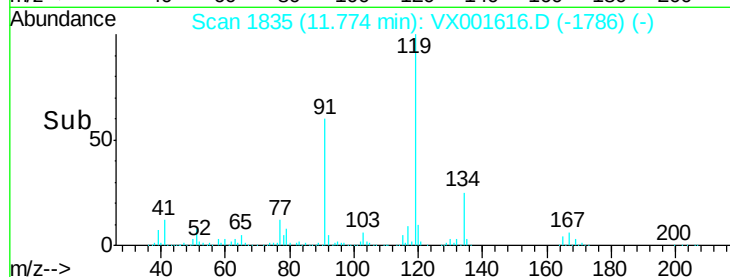
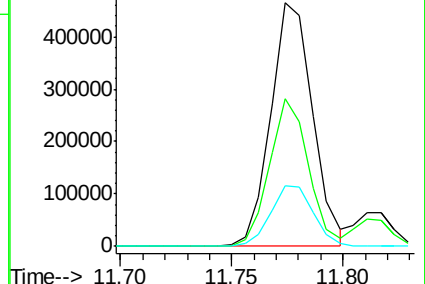
134 25.2 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.05 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001616.D

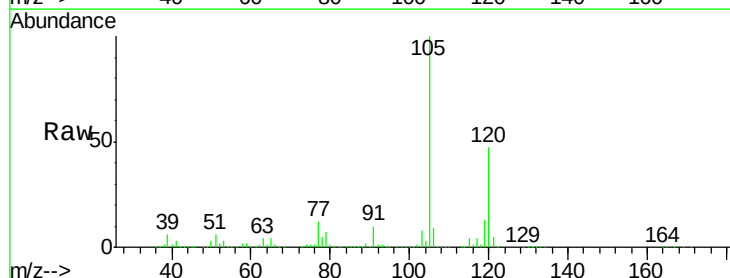
Acq: 10 May 2018 21:42

Tgt Ion:105 Resp: 641219

Ion Ratio Lower Upper

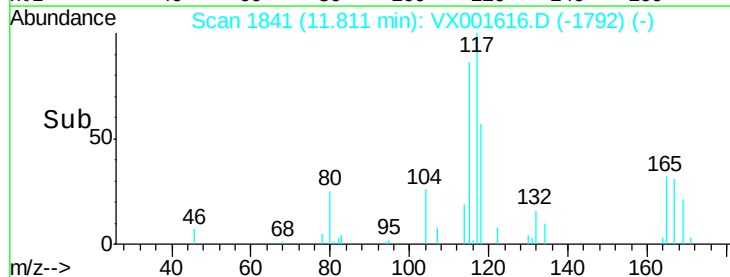
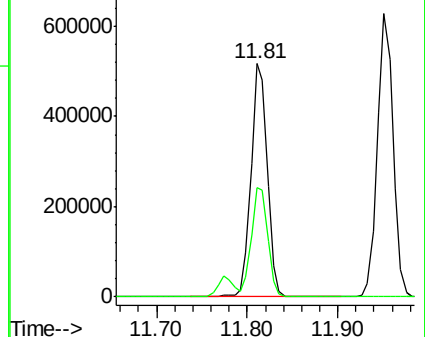
105 100

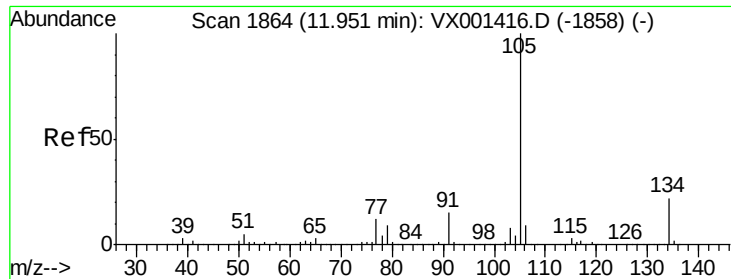
120 47.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

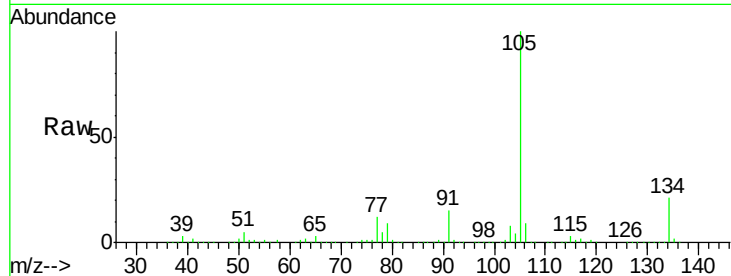
VSTDCCC050EC

Tgt Ion:105 Resp: 752837

Ion Ratio Lower Upper

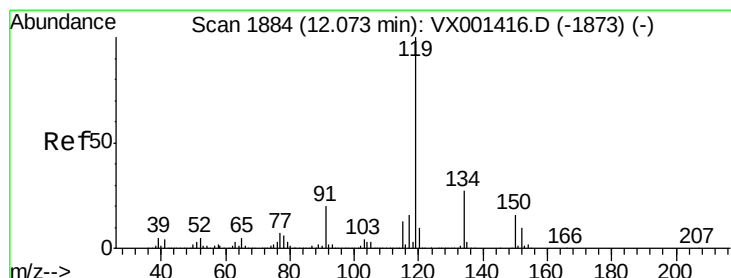
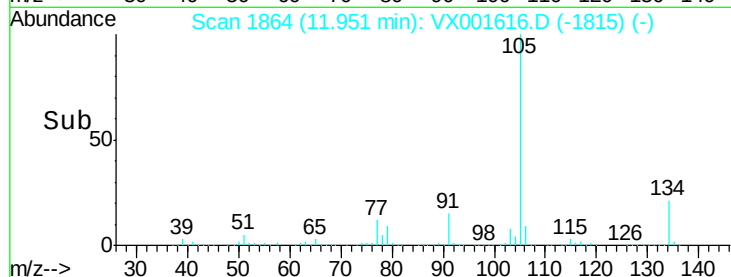
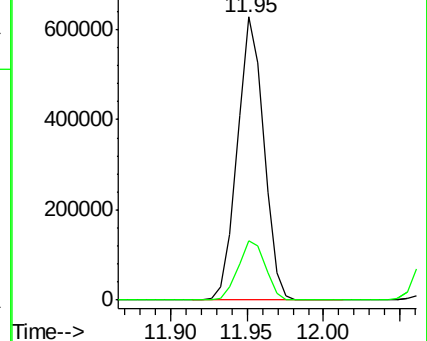
105 100

134 21.7 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.50 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

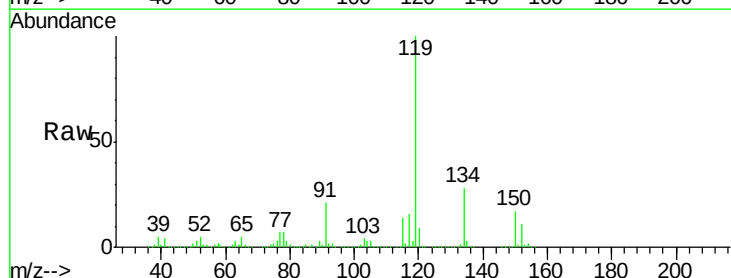
Tgt Ion:119 Resp: 689445

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

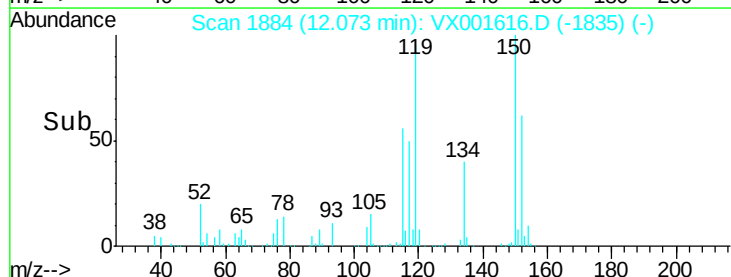
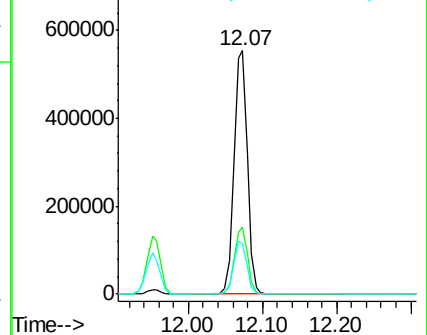
91 21.6 10.8 32.3

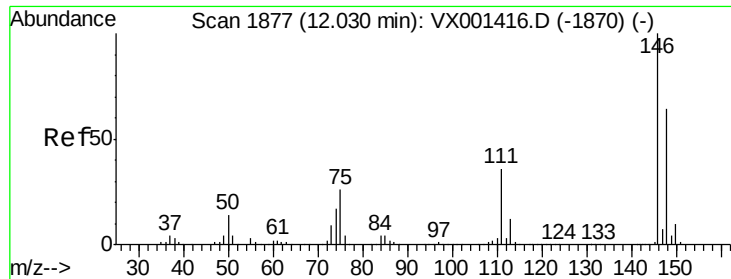


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

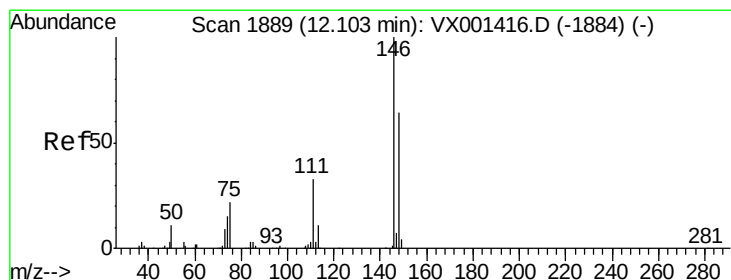
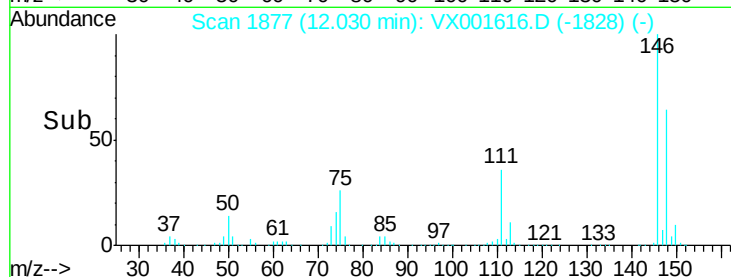
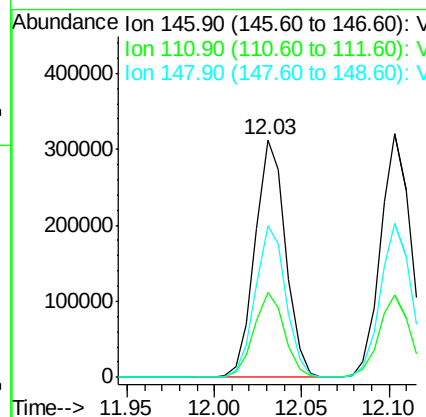
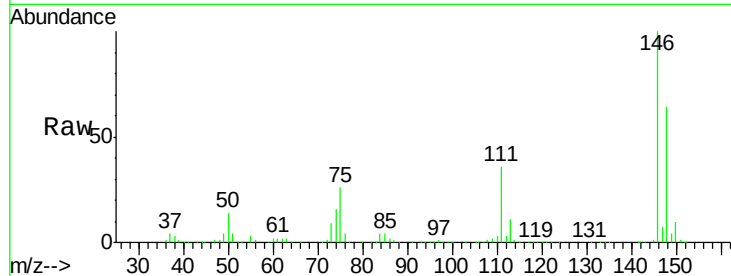




#87
 1,3-Dichlorobenzene
 Concen: 50.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

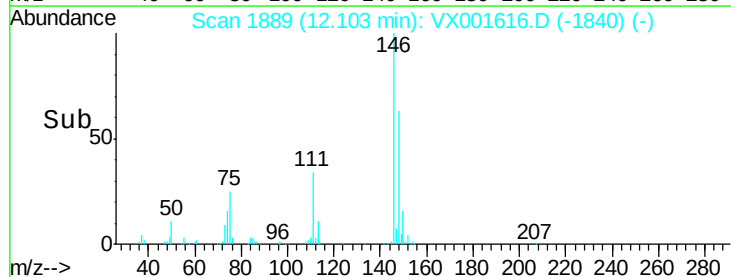
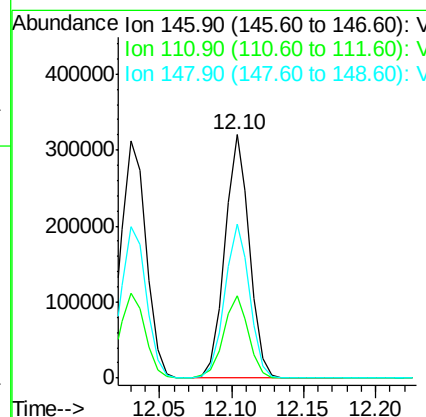
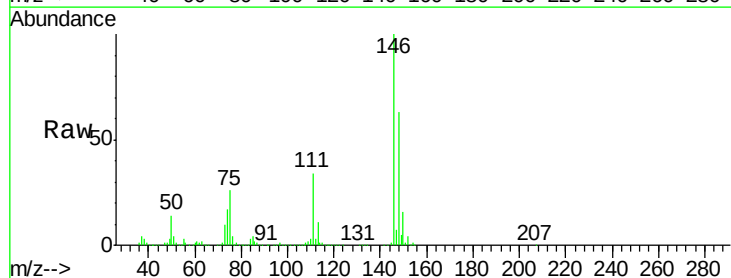
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

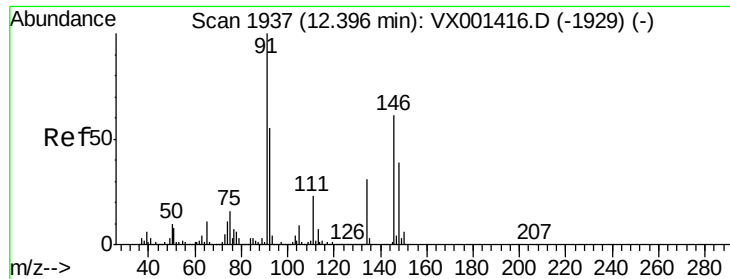
Tgt Ion:146 Resp: 380469
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.1
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion:146 Resp: 383312
 Ion Ratio Lower Upper
 146 100
 111 34.4 17.4 52.3
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 51.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

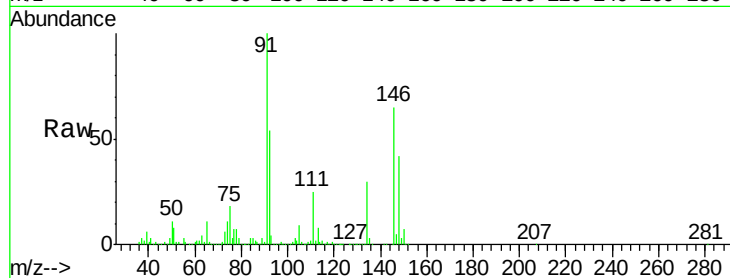
Tgt Ion: 91 Resp: 560814

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

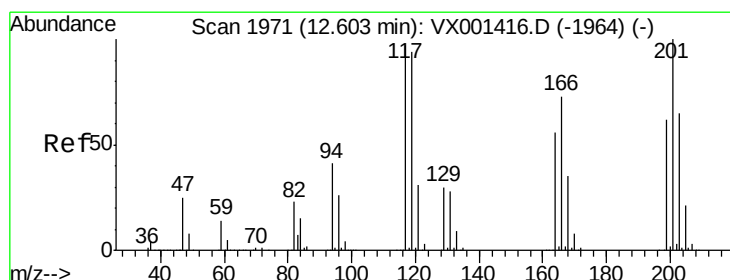
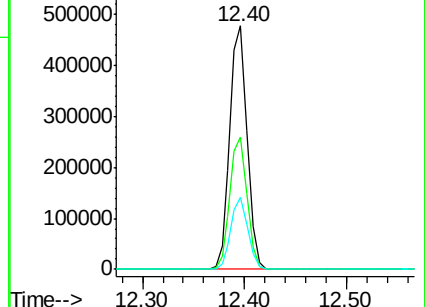
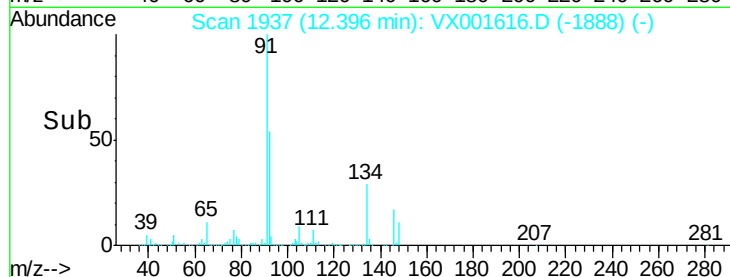
134 28.9 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX001616.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX001616.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX001616.D (-1929) (-)



#90

Hexachloroethane

Concen: 55.11 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001616.D

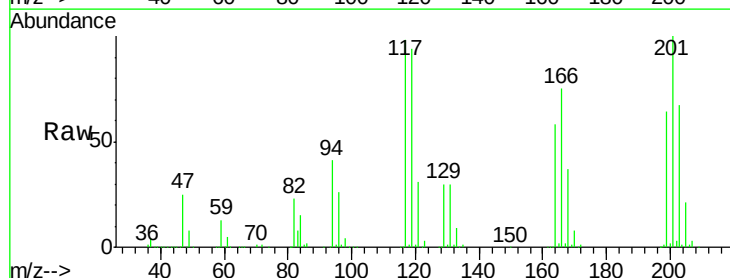
Acq: 10 May 2018 21:42

Tgt Ion: 117 Resp: 108967

Ion Ratio Lower Upper

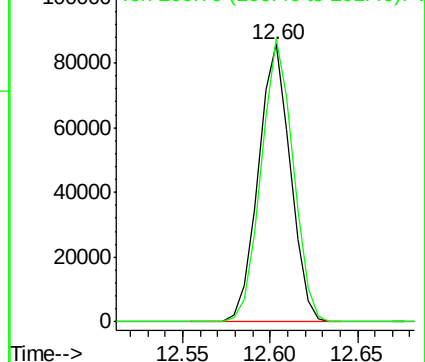
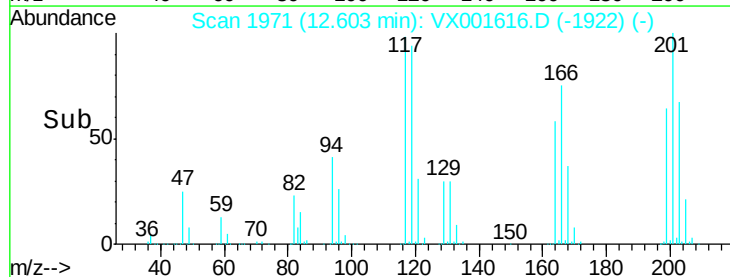
117 100

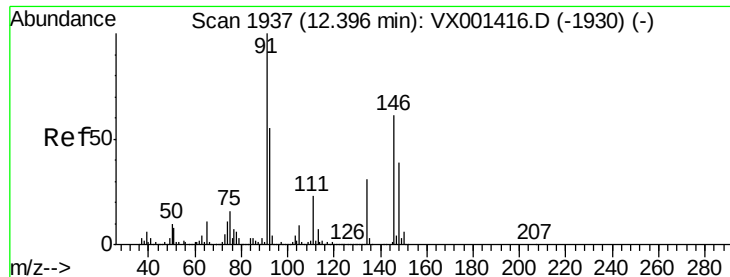
201 101.5 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): VX001616.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX001616.D (-1964) (-)

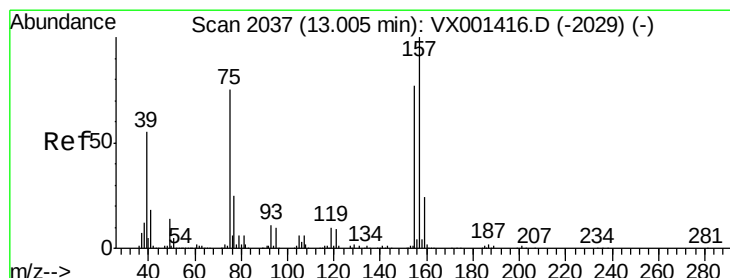
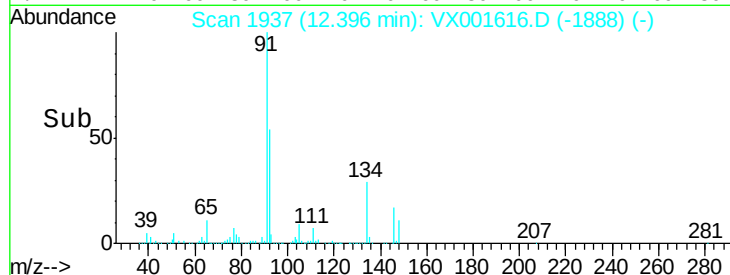
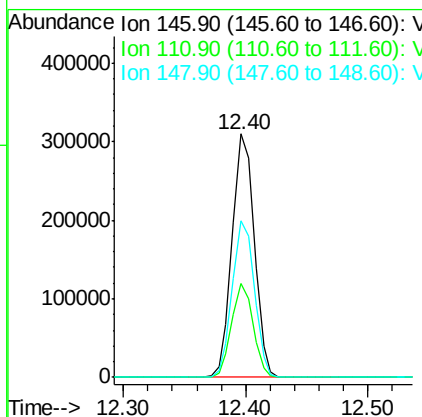
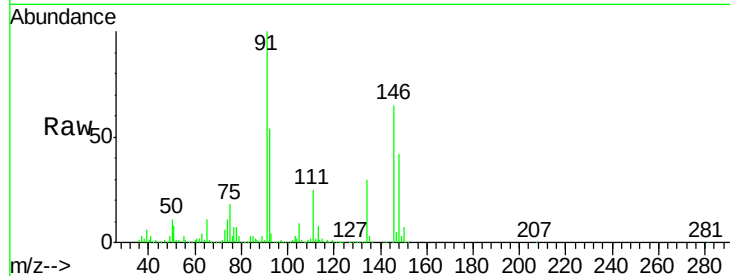




#91
 1,2-Dichlorobenzene
 Concen: 50.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

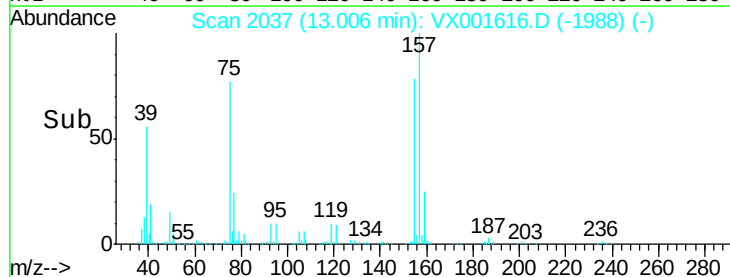
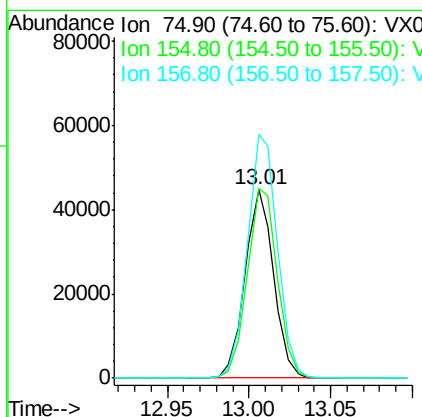
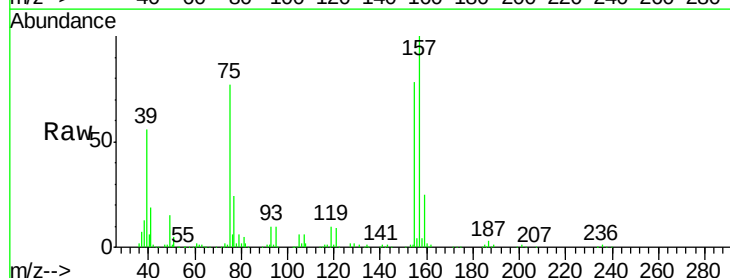
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

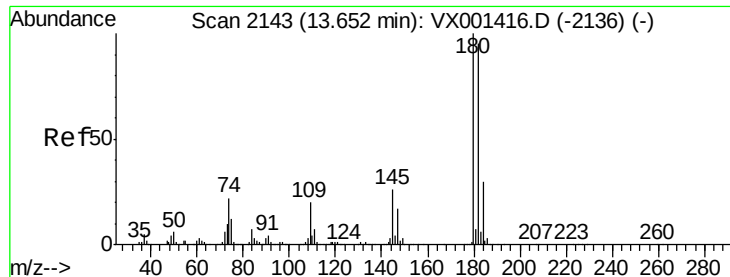
Tgt Ion:146 Resp: 386662
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.70 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion: 75 Resp: 54835
 Ion Ratio Lower Upper
 75 100
 155 105.2 53.4 160.2
 157 135.6 68.3 204.8

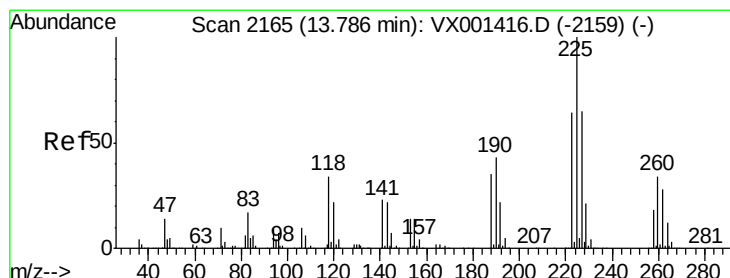
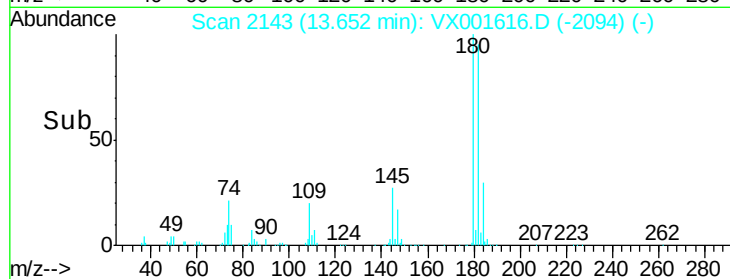
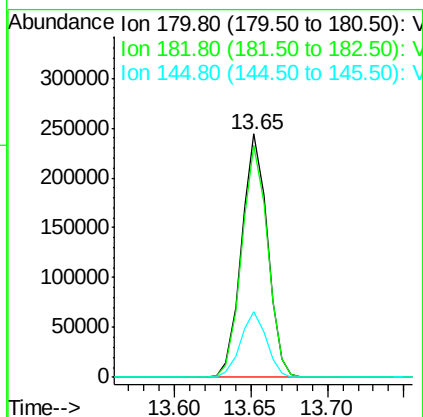
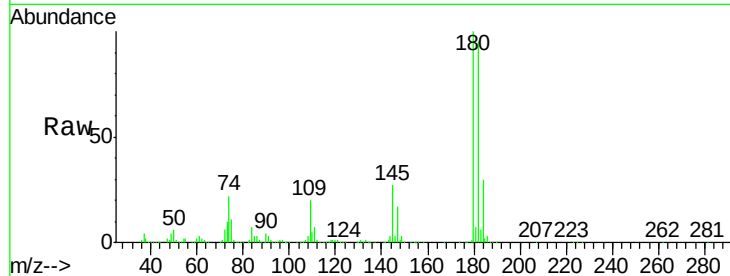




#93
 1,2,4-Trichlorobenzene
 Concen: 51.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

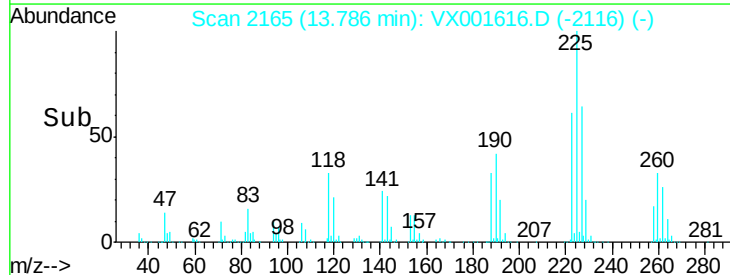
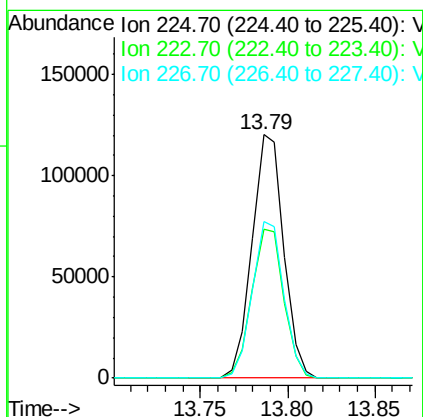
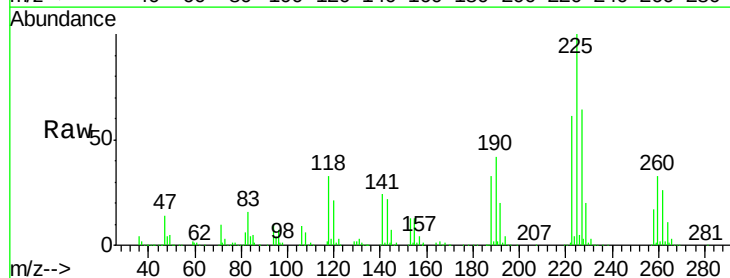
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

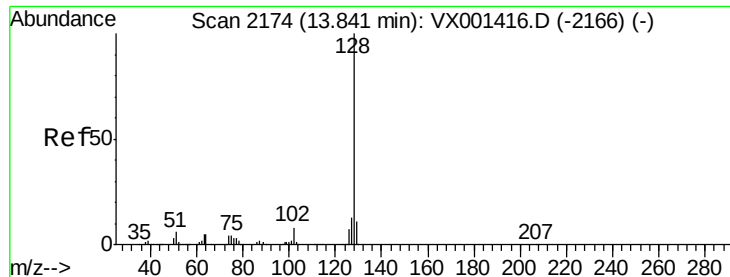
Tgt Ion:180 Resp: 285506
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 27.0 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 49.70 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001616.D
 Acq: 10 May 2018 21:42

Tgt Ion:225 Resp: 151479
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.9
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 54.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

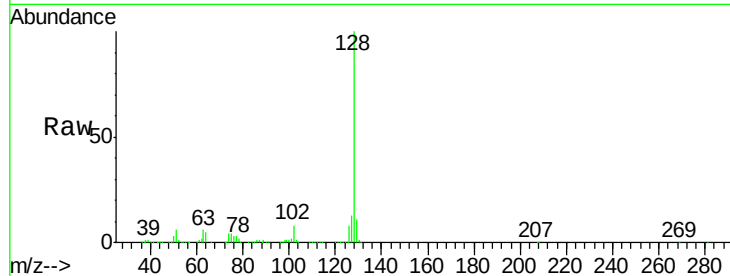
Tgt Ion:128 Resp: 843033

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

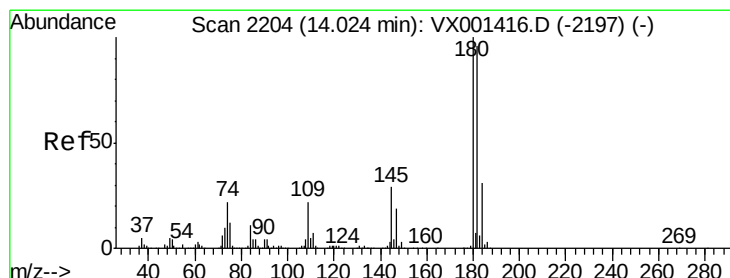
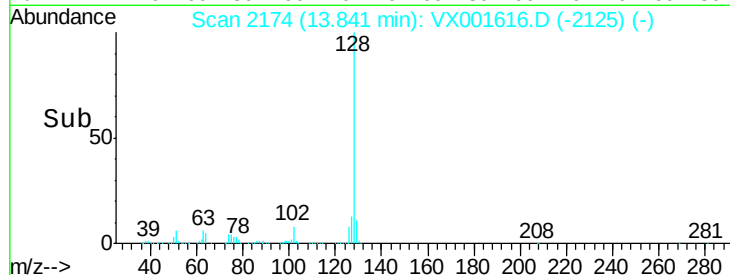
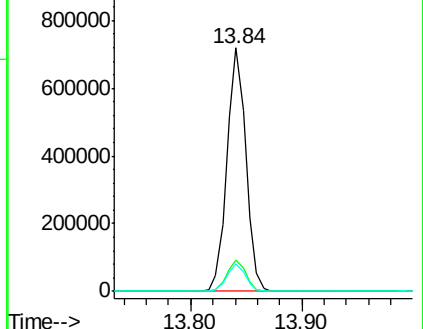
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001616.D

Acq: 10 May 2018 21:42

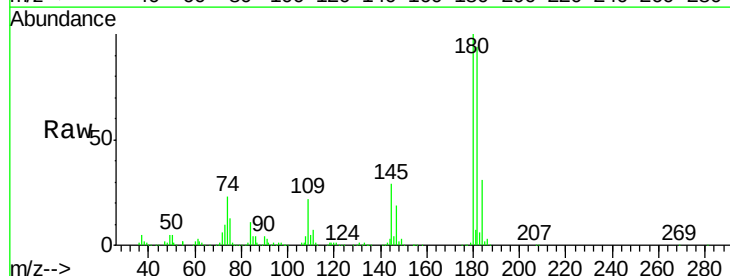
Tgt Ion:180 Resp: 299553

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.2

145 28.6 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

