

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001527.D
 Acq On : 08 May 2018 21:08
 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 09 06:48:52 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	228153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161258	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.51	113	131107	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	481749	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	183475	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	160798	52.35	ug/l	100
3) Chloromethane	1.32	50	150680	50.37	ug/l	99
4) Vinyl Chloride	1.40	62	159588	51.12	ug/l	99
5) Bromomethane	1.64	94	70564	49.34	ug/l	100
6) Chloroethane	1.72	64	109088	52.87	ug/l	99
7) Trichlorofluoromethane	1.92	101	248575	52.91	ug/l	100
8) Diethyl Ether	2.19	74	96712	52.52	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141925	51.53	ug/l	100
10) Methyl Iodide	2.51	142	197533	49.70	ug/l	100
11) Tert butyl alcohol	3.09	59	194037	280.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133059	52.70	ug/l	97
13) Acrolein	2.30	56	34520	253.43	ug/l	98
14) Allyl chloride	2.73	41	249288	52.96	ug/l	99
15) Acrylonitrile	3.15	53	428876	274.50	ug/l	99
16) Acetone	2.45	43	394435	264.89	ug/l	98
17) Carbon Disulfide	2.57	76	323836	50.40	ug/l	100
18) Methyl Acetate	2.78	43	228335	58.37	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470744	53.56	ug/l	99
20) Methylene Chloride	2.86	84	149432	50.68	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	142892	50.72	ug/l	97
22) Diisopropyl ether	3.88	45	457814	52.05	ug/l	99
23) Vinyl Acetate	3.83	43	1888984	257.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266254	54.20	ug/l	99
25) 2-Butanone	4.72	43	586052	272.27	ug/l	99
26) 2,2-Dichloropropane	4.59	77	168060	44.30	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	157212	52.39	ug/l	95
28) Bromochloromethane	5.03	49	109694	51.50	ug/l	98
29) Tetrahydrofuran	5.18	42	378229	274.64	ug/l	100
30) Chloroform	5.22	83	276703	54.68	ug/l	98
31) Cyclohexane	5.57	56	219482	52.02	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	244864	55.36	ug/l	99
36) 1,1-Dichloropropene	5.80	75	195736	51.38	ug/l	99
37) Ethyl Acetate	4.87	43	222341	53.24	ug/l	99
38) Carbon Tetrachloride	5.79	117	221123	54.42	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	228192	50.66	ug/l	98
40) Benzene	6.15	78	591994	53.20	ug/l	99
41) Methacrylonitrile	5.07	41	128304	53.70	ug/l	98
42) 1,2-Dichloroethane	6.20	62	227995	53.31	ug/l	100
43) Isopropyl Acetate	6.48	43	354088	55.23	ug/l	100
44) Trichloroethene	7.22	130	179120	52.66	ug/l	100
45) 1,2-Dichloropropane	7.53	63	148395	53.49	ug/l	99
46) Dibromomethane	7.67	93	105216	53.57	ug/l	99
47) Bromodichloromethane	7.91	83	203134	55.89	ug/l	100
48) Methyl methacrylate	7.79	41	190567	54.59	ug/l	99
49) 1,4-Dioxane	7.76	88	84386	1118.88	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1212617	284.64	ug/l	99
52) Toluene	8.79	92	393160	54.03	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	229686	55.92	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206294	48.64	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	155658	53.10	ug/l	98
56) Ethyl methacrylate	9.19	69	234173	55.42	ug/l	100
57) 1,3-Dichloropropane	9.38	76	259421	53.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	591433	285.36	ug/l	99
59) 2-Hexanone	9.51	43	919610	281.89	ug/l	99
60) Dibromochloromethane	9.59	129	171787	57.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	168430	54.72	ug/l	100
64) Tetrachloroethene	9.34	164	218524	54.53	ug/l	99
65) Chlorobenzene	10.15	112	444625	52.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166545	55.22	ug/l	99
67) Ethyl Benzene	10.26	91	737700	53.38	ug/l	99
68) m/p-Xylenes	10.37	106	593614	108.71	ug/l	100
69) o-Xylene	10.71	106	291158	54.86	ug/l	100
70) Styrene	10.72	104	482561	55.97	ug/l	99
71) Bromoform	10.87	173	140750	48.63	ug/l	# 100
73) Isopropylbenzene	11.02	105	777915	53.03	ug/l	99
74) N-amyl acetate	6.48	43	354088	53.15	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	228071	52.65	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	273208	63.58	ug/l	88
77) Bromobenzene	11.26	156	219326	51.43	ug/l	99
78) n-propylbenzene	11.37	91	858866	53.77	ug/l	99
79) 2-Chlorotoluene	11.43	91	513938	52.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	650755	53.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61117	45.75	ug/l	98
82) 4-Chlorotoluene	11.52	91	600705	52.98	ug/l	100
83) tert-Butylbenzene	11.77	119	650078	53.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	674375	53.73	ug/l	99
85) sec-Butylbenzene	11.95	105	787692	54.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	723567	54.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	393858	51.67	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	401383	51.62	ug/l	100
89) n-Butylbenzene	12.40	91	584856	52.75	ug/l	100
90) Hexachloroethane	12.60	117	111779	55.48	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	404612	52.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55130	57.92	ug/l	99

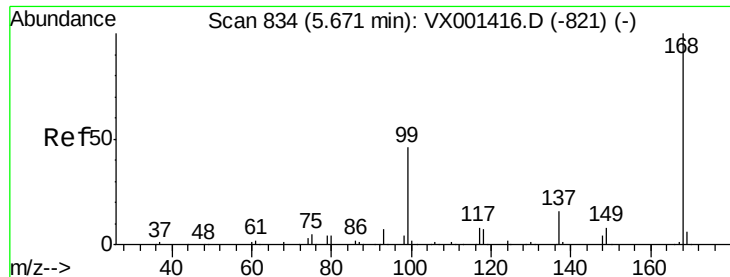
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297069	52.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	155672	50.13	ug/l	100
95) Naphthalene	13.84	128	878441	55.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314388	53.99	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

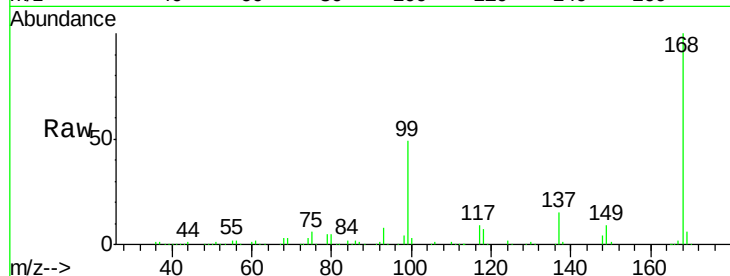
VSTDCCC050EC

Tgt Ion:168 Resp: 228153

Ion Ratio Lower Upper

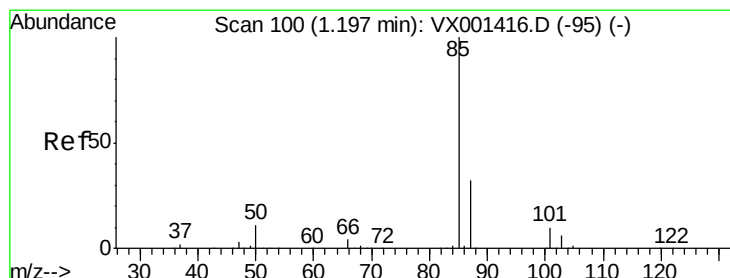
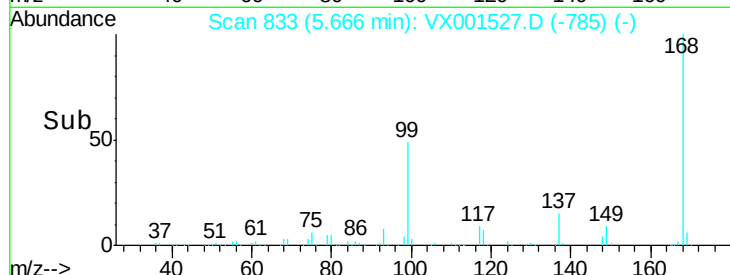
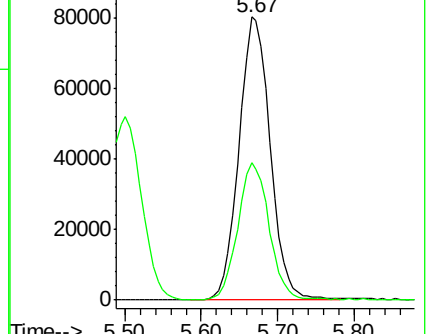
168 100

99 48.5 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: 52.35 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001527.D

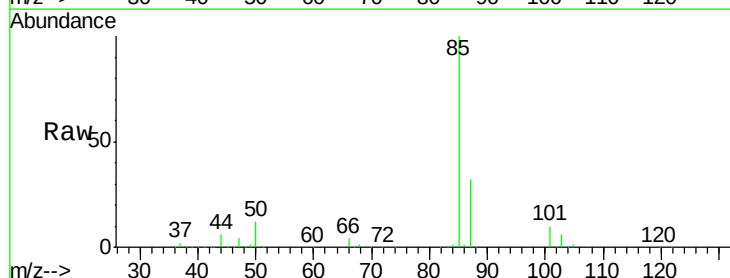
Acq: 08 May 2018 21:08

Tgt Ion: 85 Resp: 160798

Ion Ratio Lower Upper

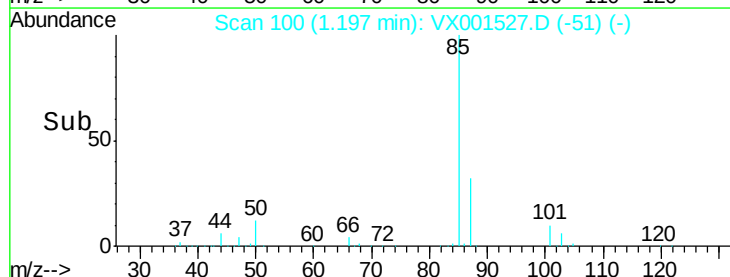
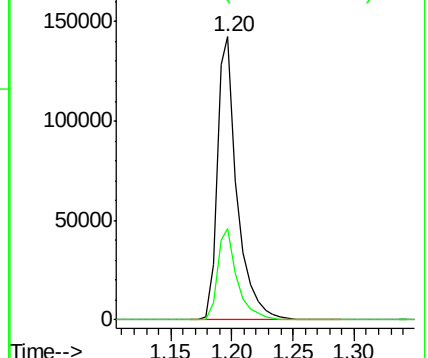
85 100

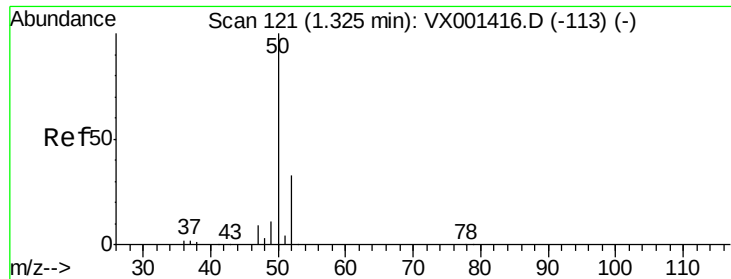
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

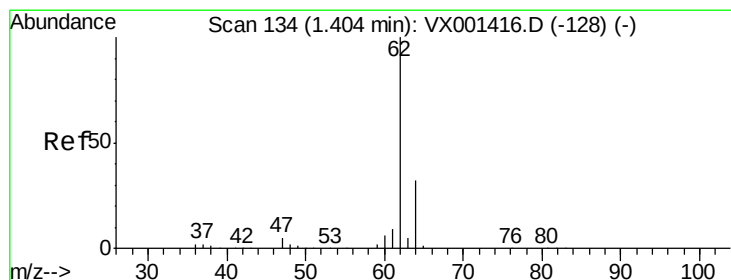
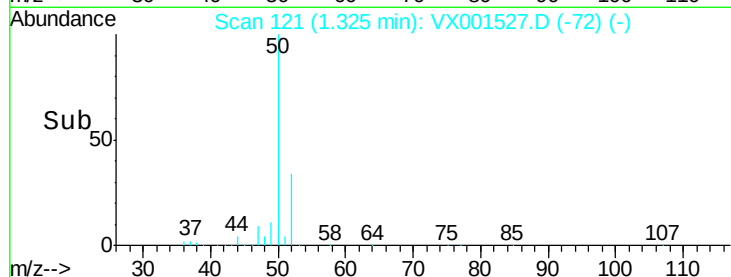
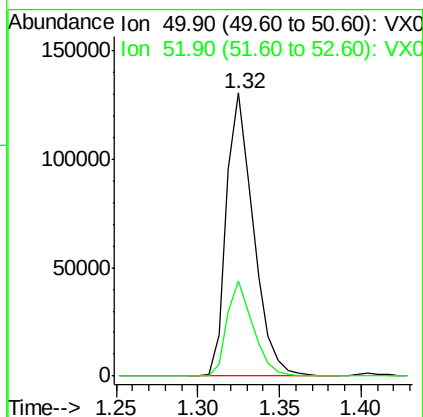
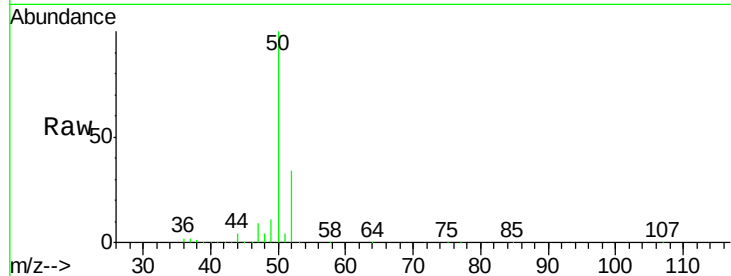




#3
Chloromethane
Concen: 50.37 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

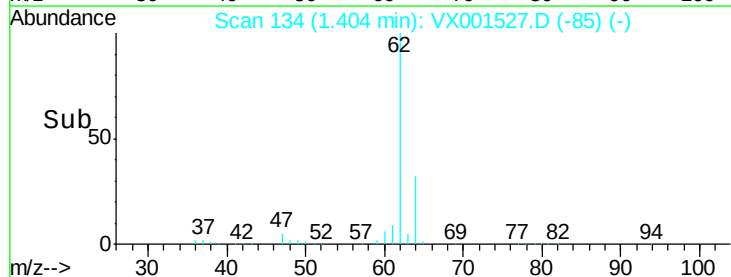
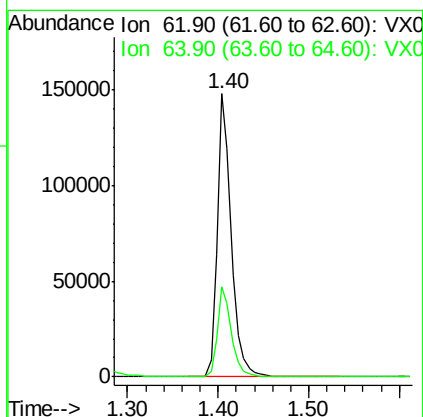
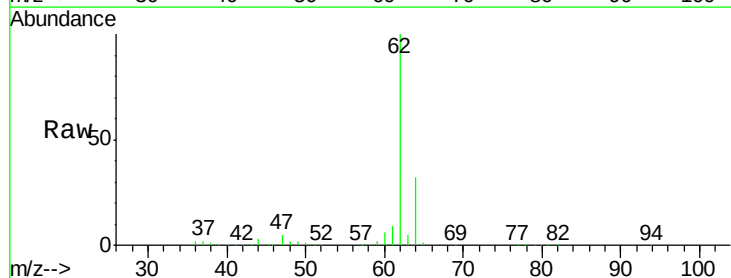
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

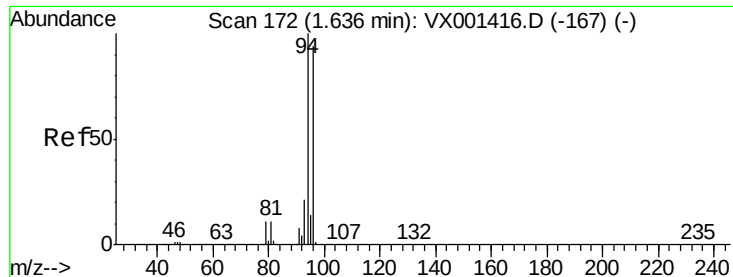
Tgt Ion: 50 Resp: 150680
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4



#4
Vinyl Chloride
Concen: 51.12 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 62 Resp: 159588
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5

Bromomethane

Concen: 49.34 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

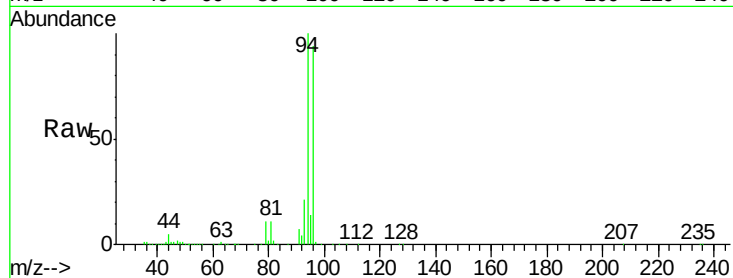
VSTDCCC050EC

Tgt Ion: 94 Resp: 70564

Ion Ratio Lower Upper

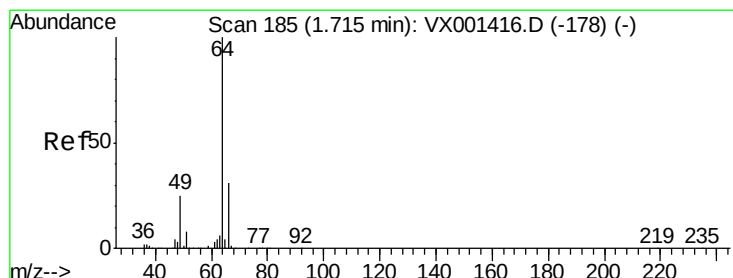
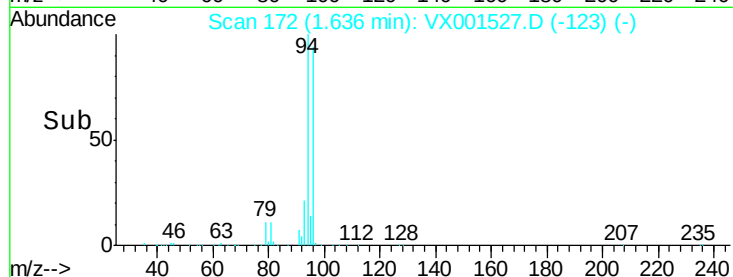
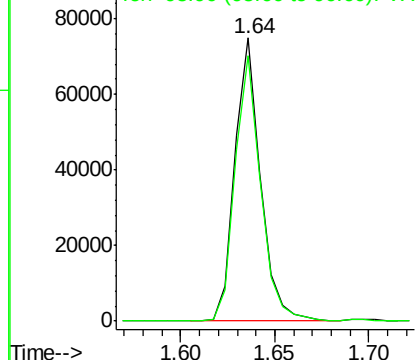
94 100

96 93.7 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: 52.87 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001527.D

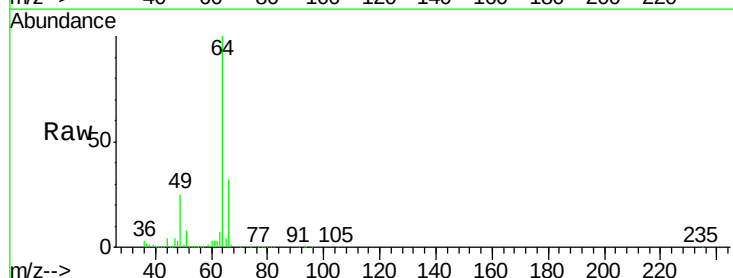
Acq: 08 May 2018 21:08

Tgt Ion: 64 Resp: 109088

Ion Ratio Lower Upper

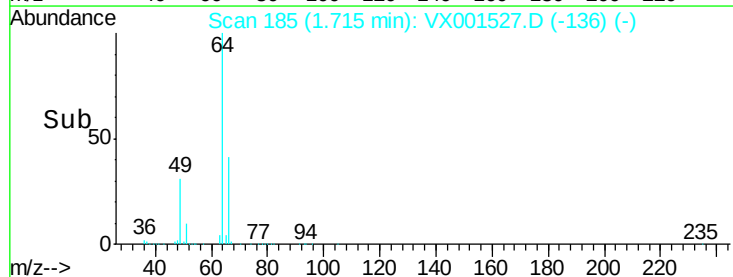
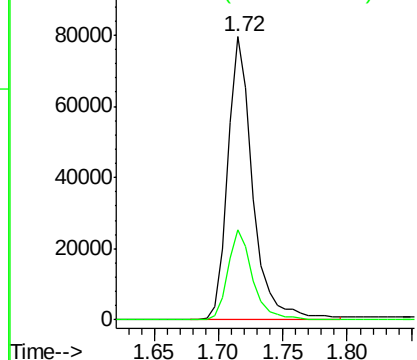
64 100

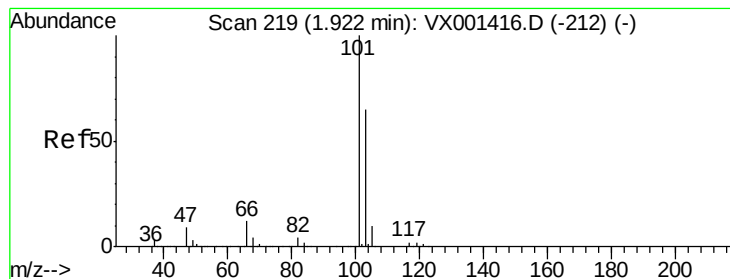
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



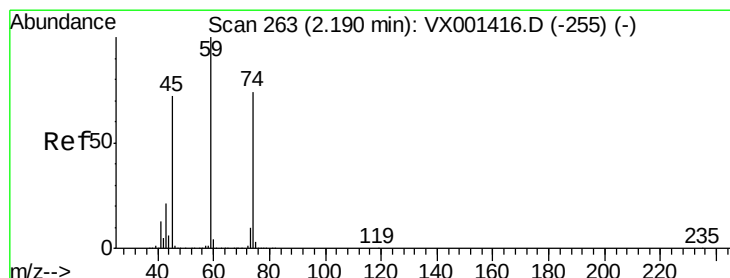
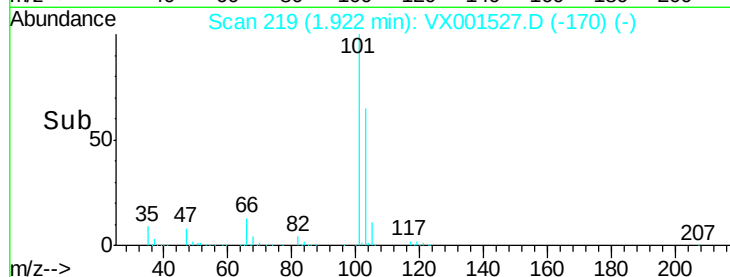
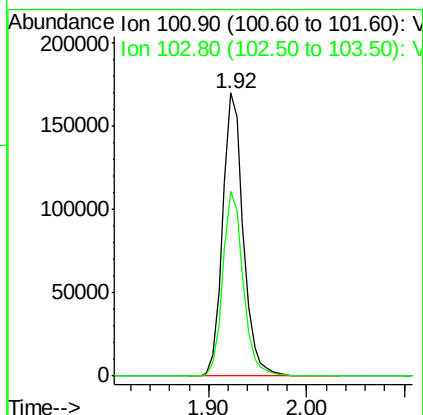
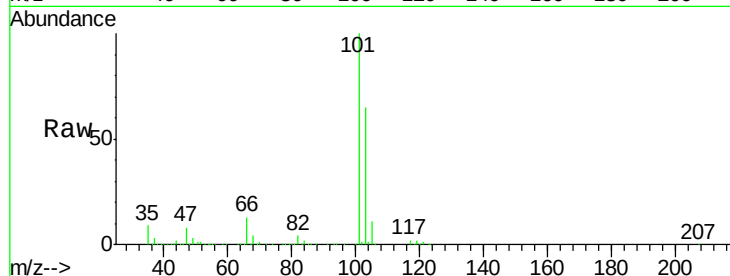


#7

Trichlorofluoromethane
 Concen: 52.91 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Instrument :
 MSVOA_X
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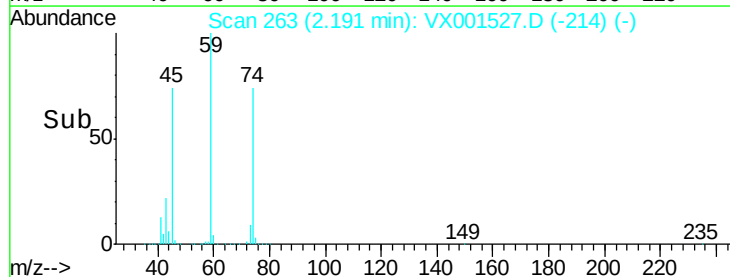
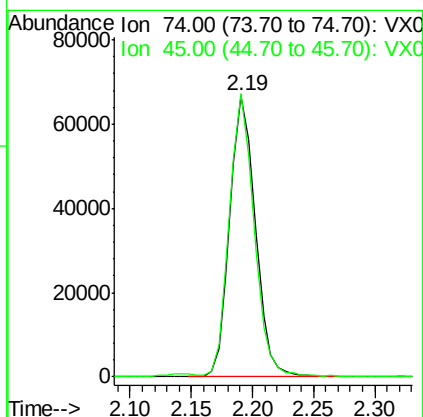
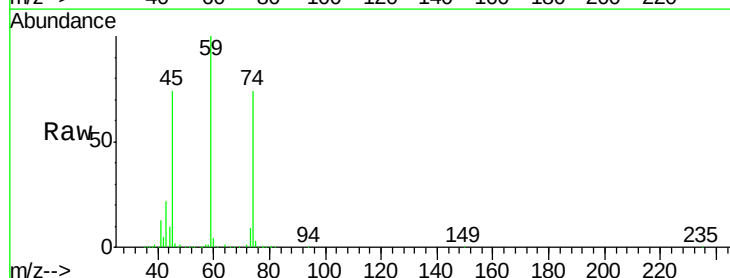
Tgt Ion:101 Resp: 248575
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.0 78.0

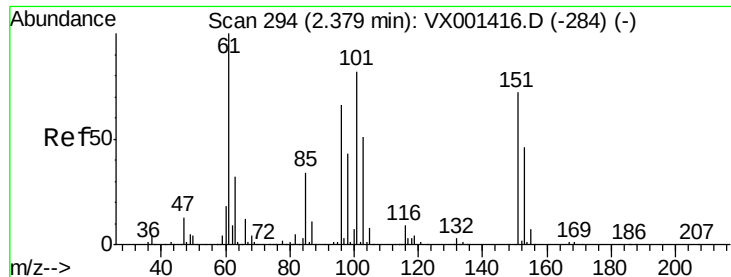


#8

Diethyl Ether
 Concen: 52.52 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion: 74 Resp: 96712
 Ion Ratio Lower Upper
 74 100
 45 96.2 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.53 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

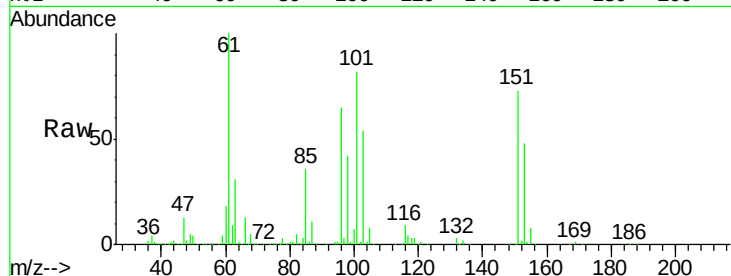
Tgt Ion:101 Resp: 141925

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

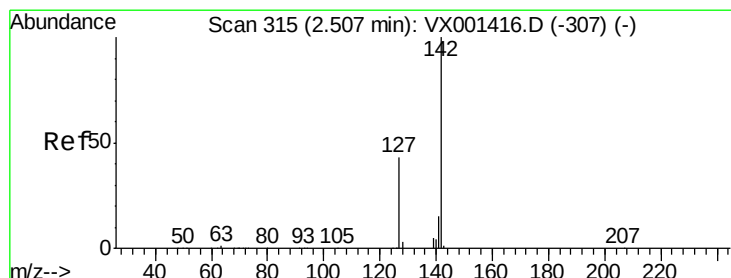
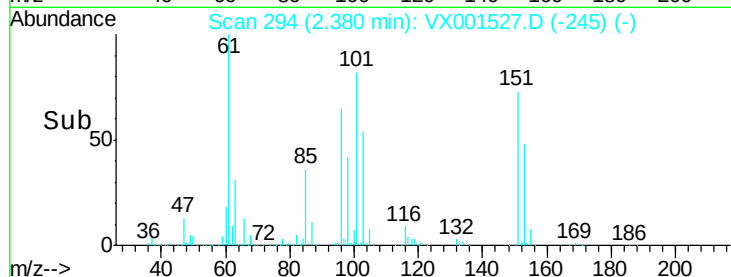
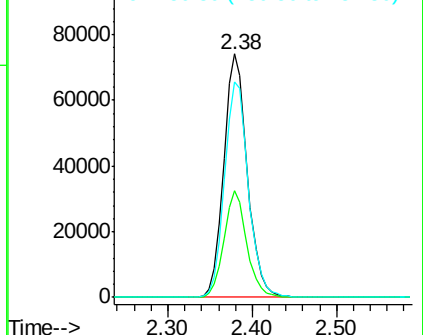
151 89.9 72.3 108.5



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: 49.70 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

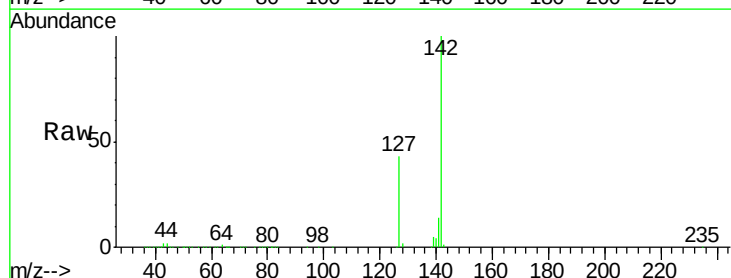
Tgt Ion:142 Resp: 197533

Ion Ratio Lower Upper

142 100

127 42.1 33.6 50.4

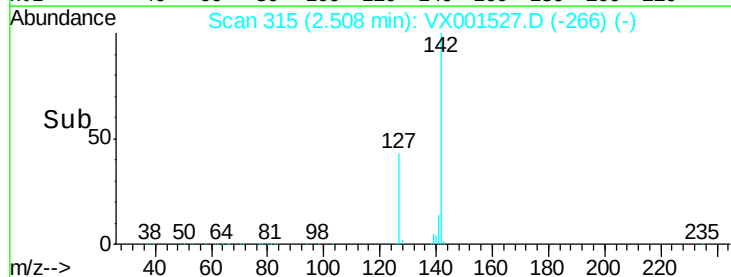
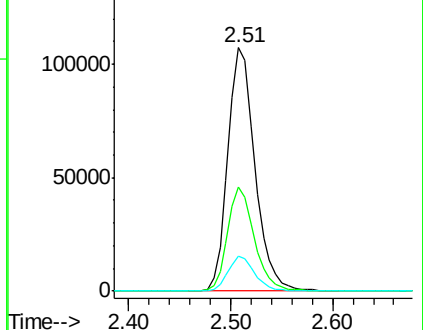
141 14.2 11.4 17.2

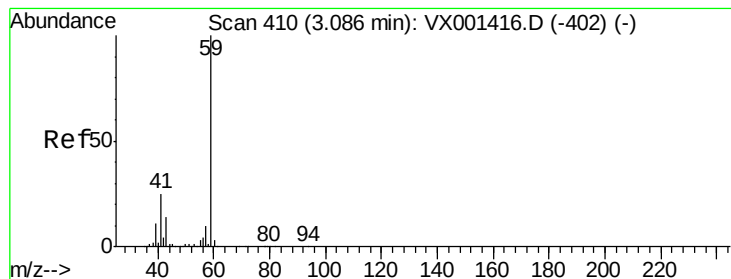


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 280.64 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

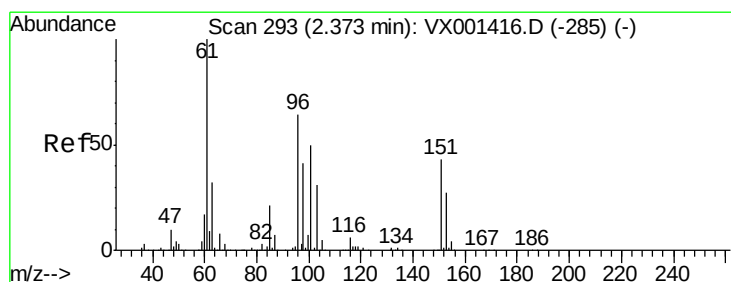
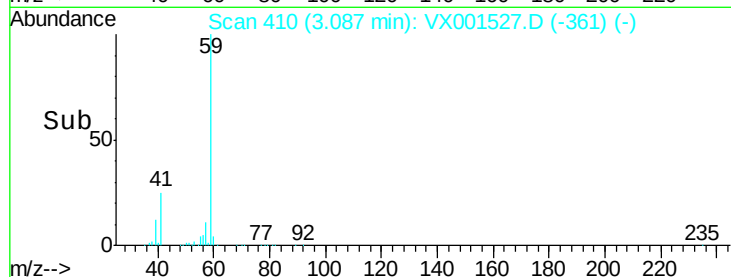
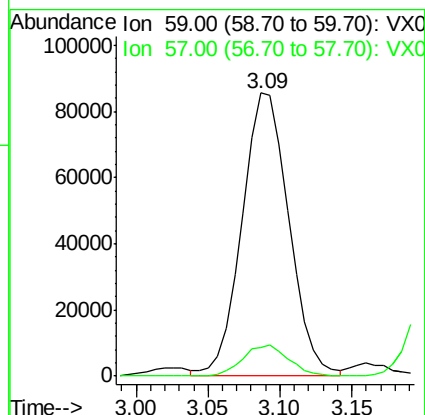
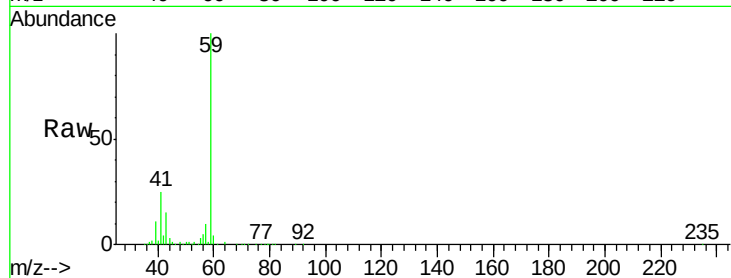
VSTDCCC050EC

Tgt Ion: 59 Resp: 194037

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 52.70 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

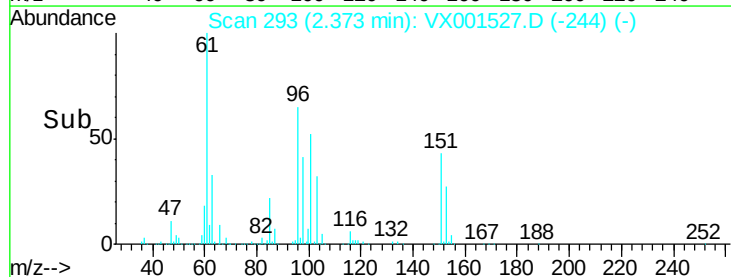
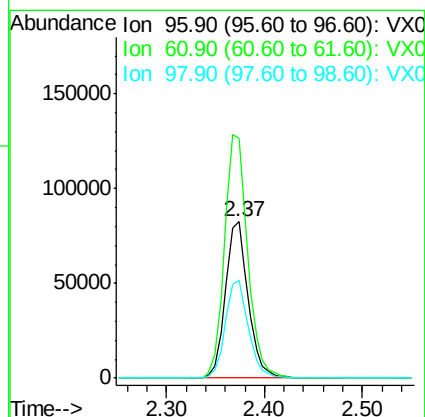
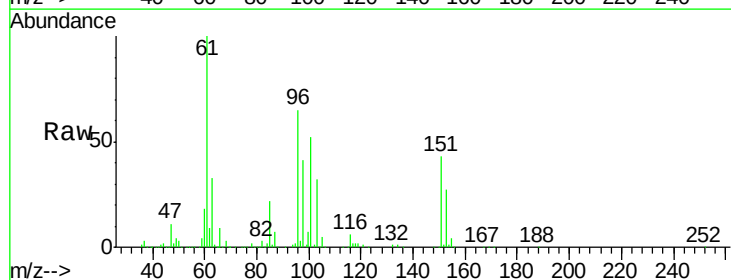
Tgt Ion: 96 Resp: 133059

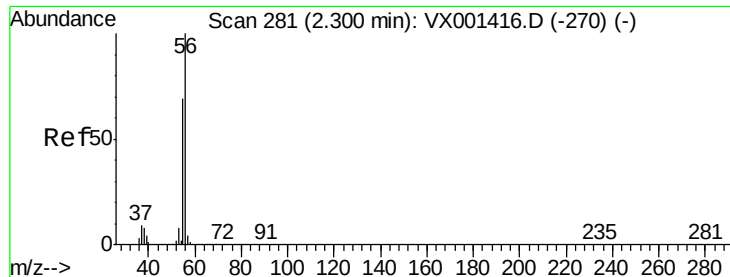
Ion Ratio Lower Upper

96 100

61 153.4 125.7 188.5

98 63.0 52.0 78.0





#13

Acrolein

Concen: 253.43 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

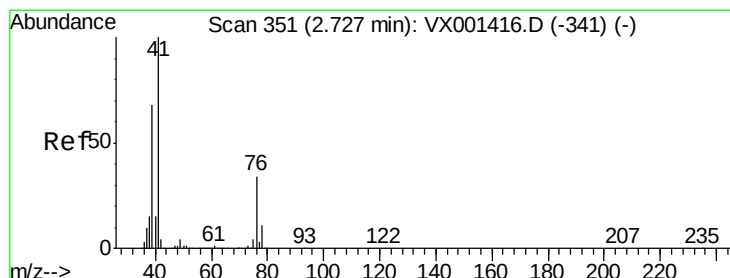
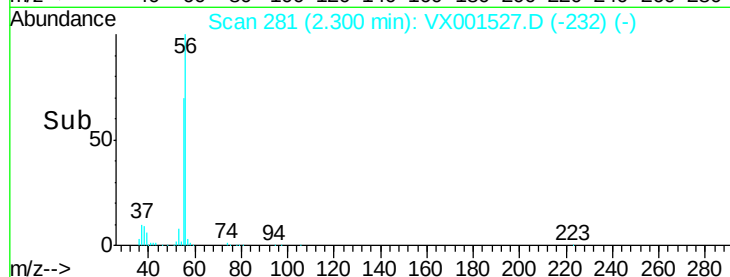
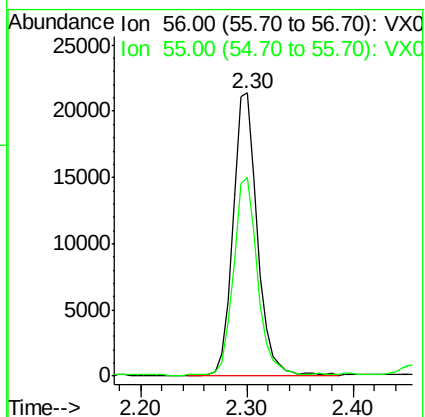
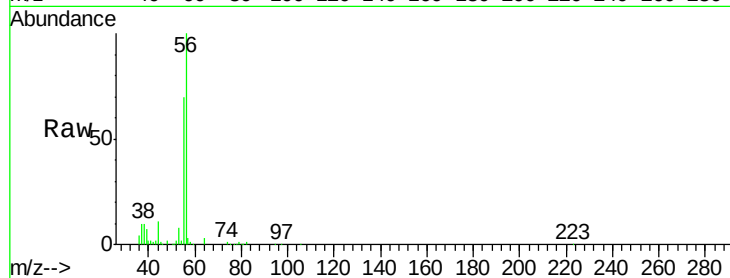
VSTDCCC050EC

Tgt Ion: 56 Resp: 34520

Ion Ratio Lower Upper

56 100

55 70.1 54.5 81.7



#14

Allyl chloride

Concen: 52.96 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

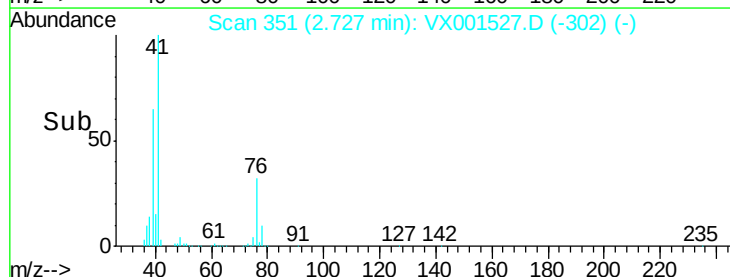
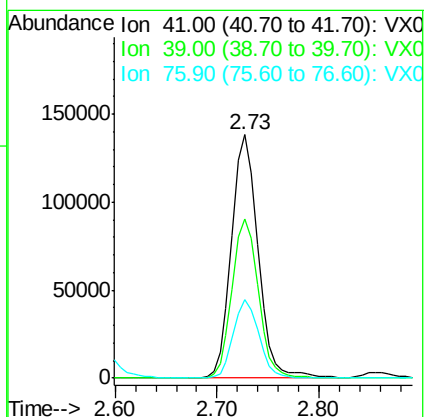
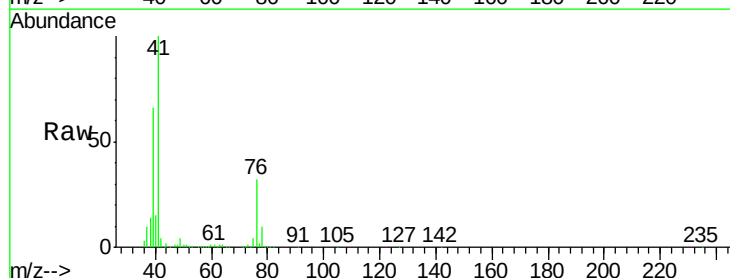
Tgt Ion: 41 Resp: 249288

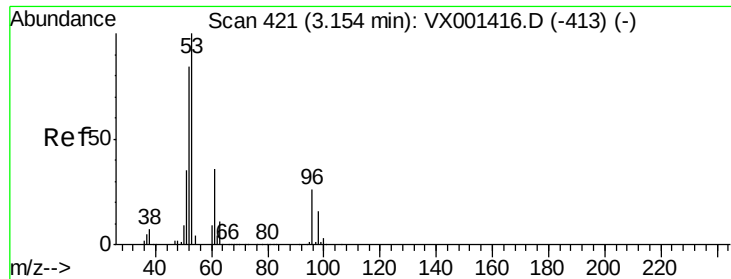
Ion Ratio Lower Upper

41 100

39 64.8 52.4 78.6

76 31.2 25.8 38.6

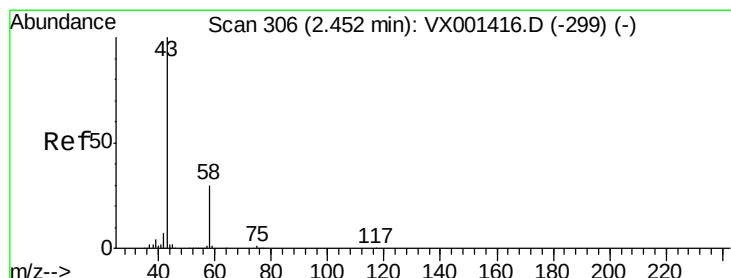
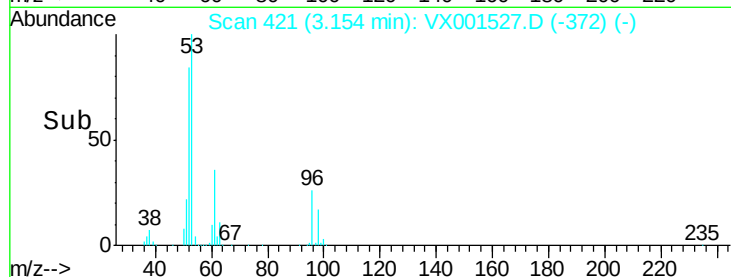
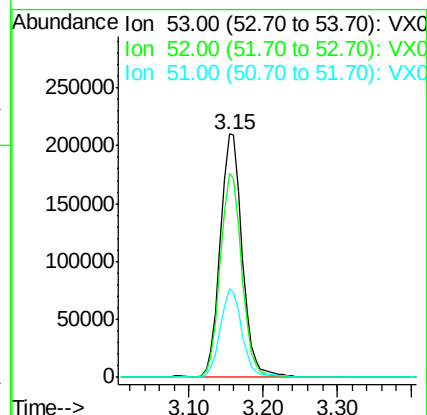
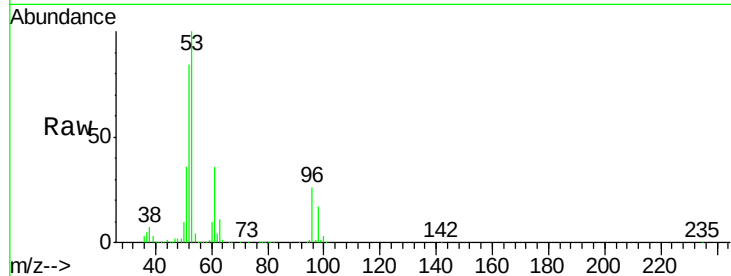




#15
 Acrylonitrile
 Concen: 274.50 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

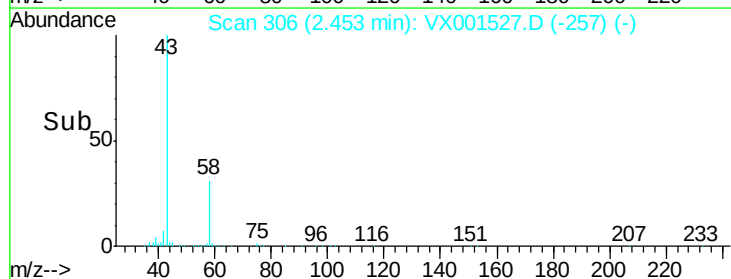
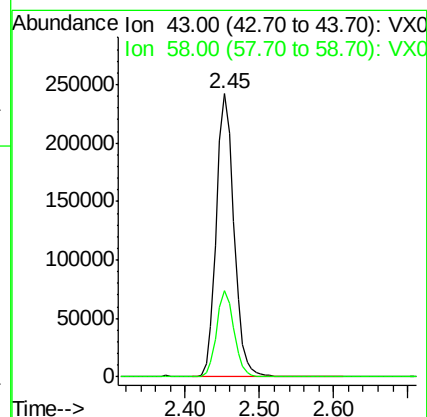
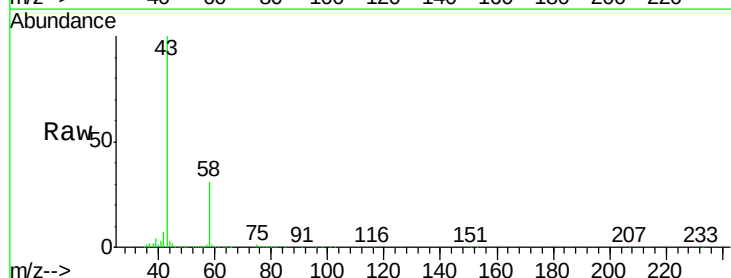
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

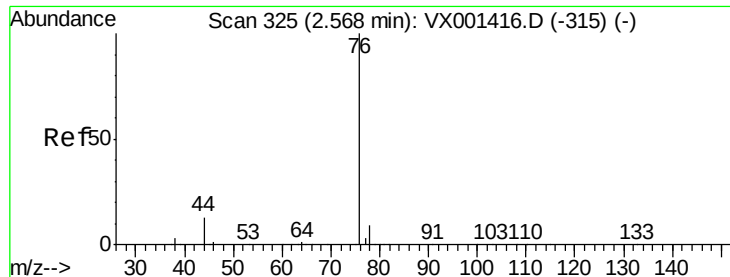
Tgt Ion: 53 Resp: 428876
 Ion Ratio Lower Upper
 53 100
 52 82.2 66.2 99.2
 51 36.3 28.6 43.0



#16
 Acetone
 Concen: 264.89 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion: 43 Resp: 394435
 Ion Ratio Lower Upper
 43 100
 58 30.6 23.8 35.8

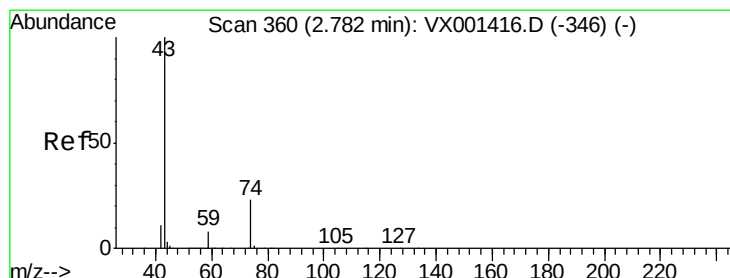
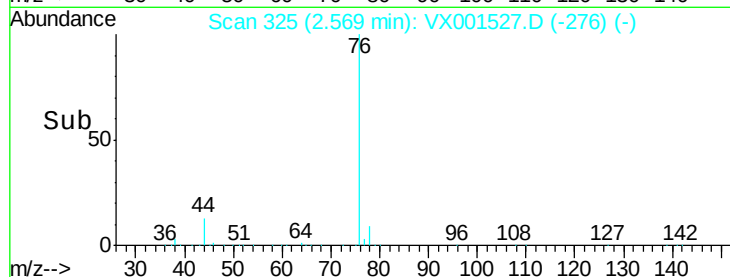
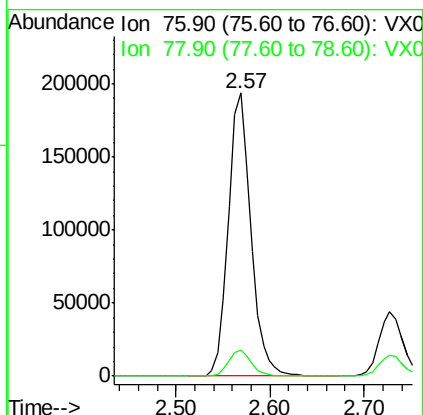
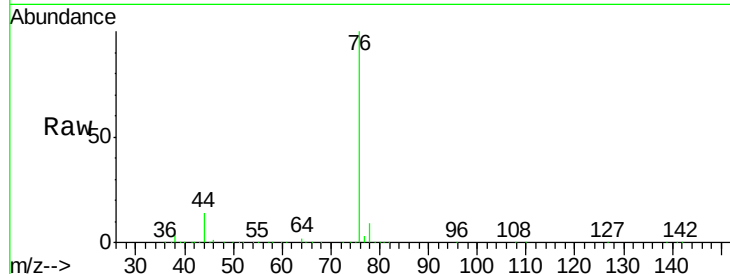




#17
Carbon Disulfide
Concen: 50.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

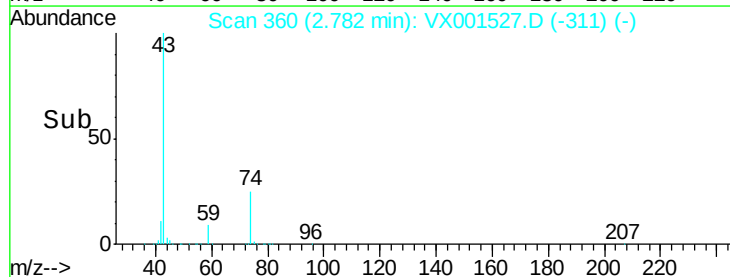
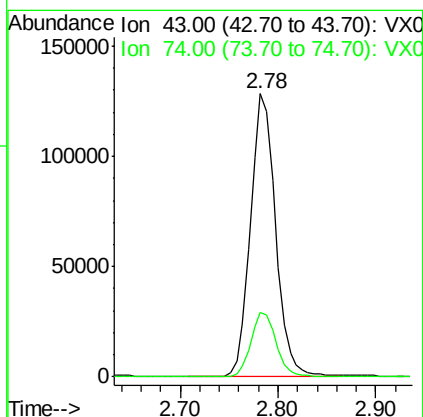
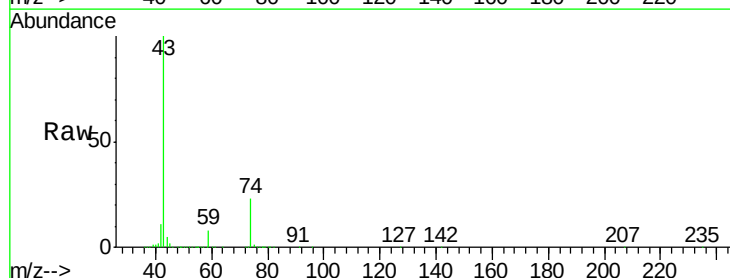
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

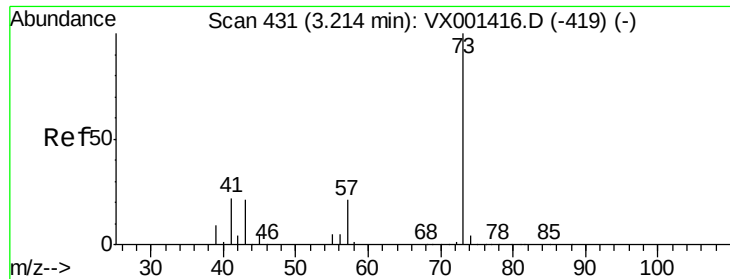
Tgt Ion: 76 Resp: 323836
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 58.37 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 43 Resp: 228335
Ion Ratio Lower Upper
43 100
74 23.3 18.6 27.8

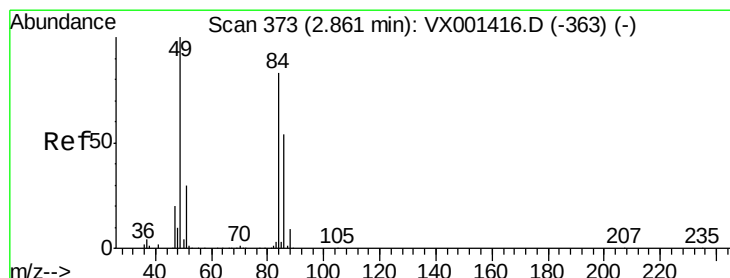
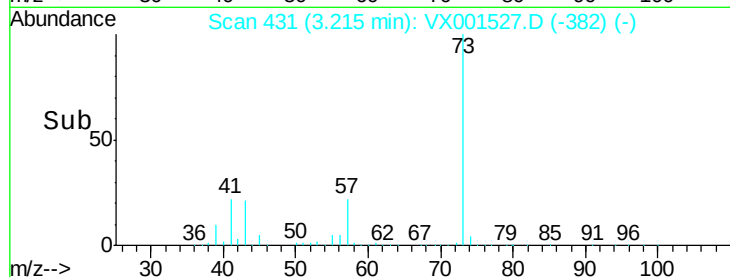
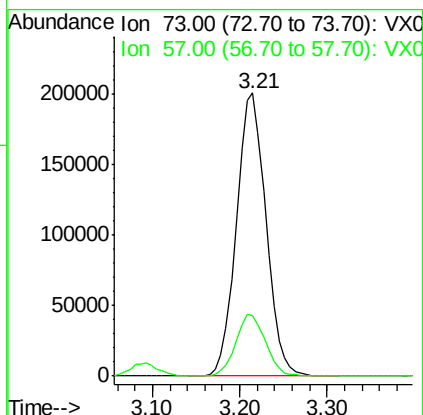
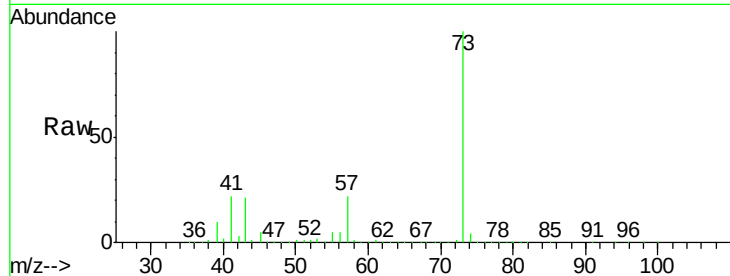




#19
Methyl tert-butyl Ether
Concen: 53.56 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

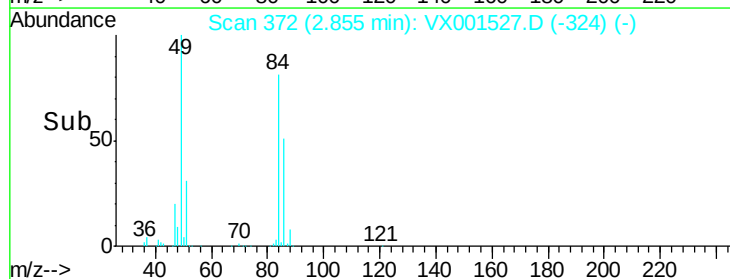
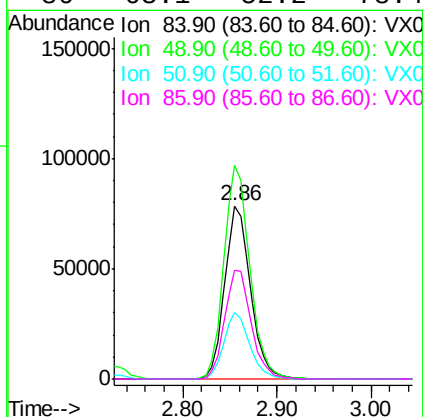
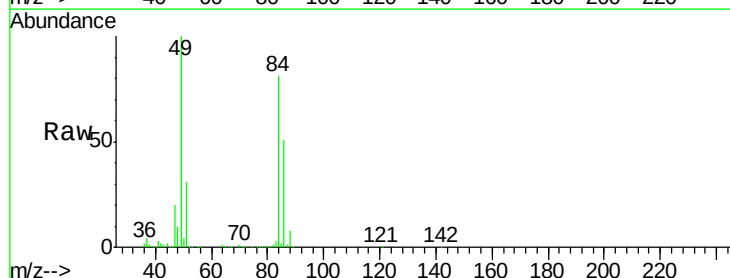
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

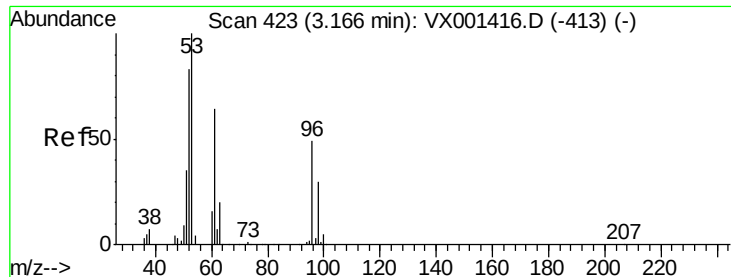
Tgt Ion: 73 Resp: 470744
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 50.68 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 84 Resp: 149432
Ion Ratio Lower Upper
84 100
49 123.6 96.6 144.8
51 38.7 29.0 43.4
86 63.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.72 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

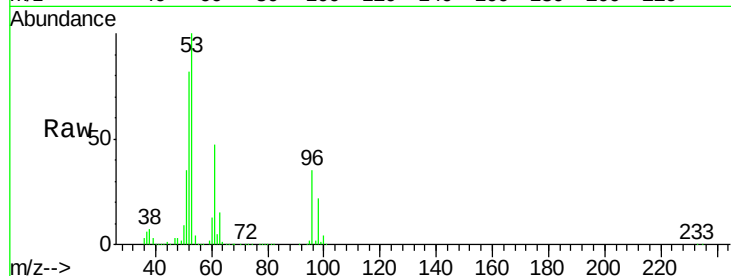
Tgt Ion: 96 Resp: 142892

Ion Ratio Lower Upper

96 100

61 136.4 105.0 157.4

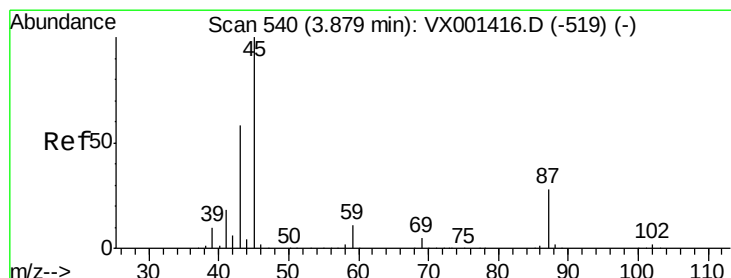
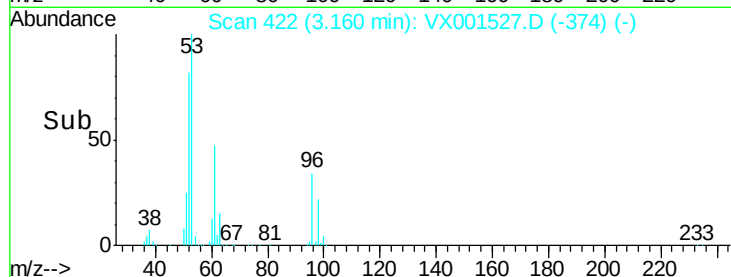
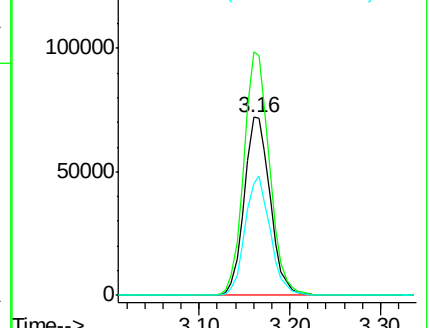
98 63.0 49.9 74.9



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: 52.05 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Tgt Ion: 45 Resp: 457814

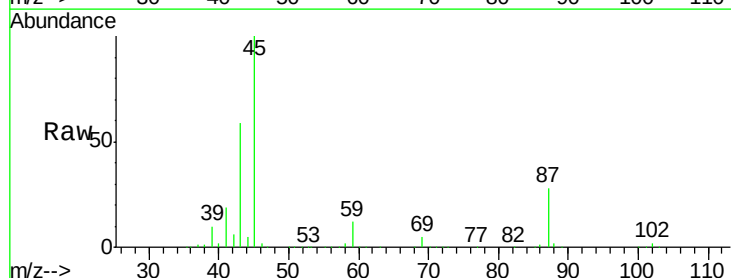
Ion Ratio Lower Upper

45 100

43 58.7 46.5 69.7

87 27.9 22.6 34.0

59 11.6 9.1 13.7

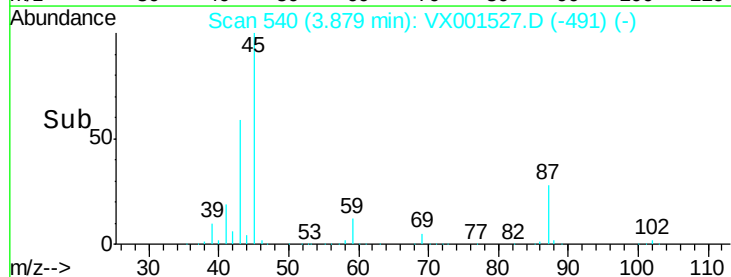
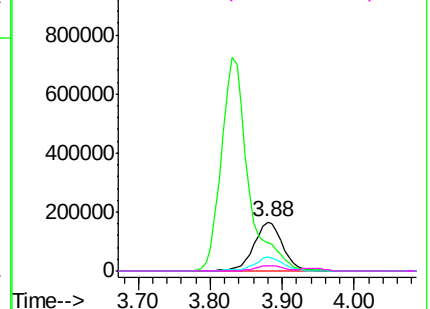


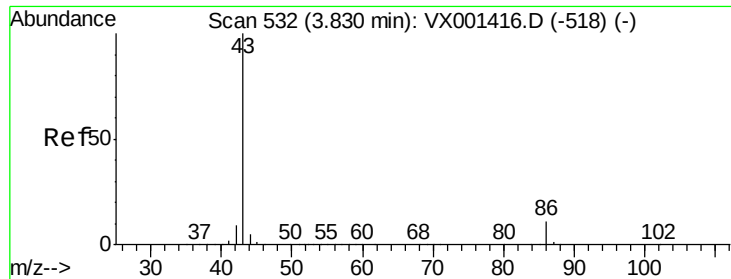
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

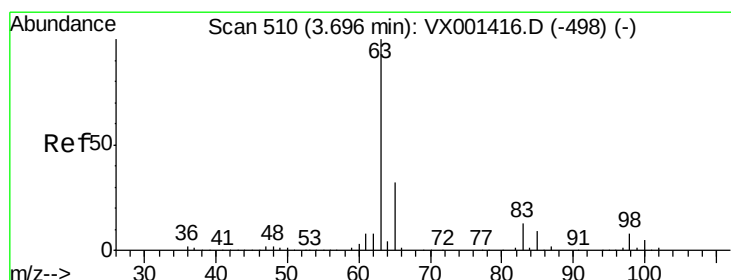
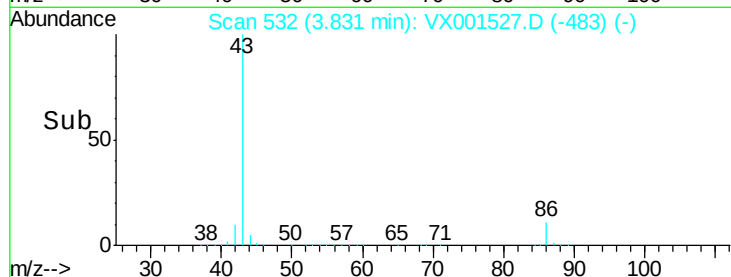
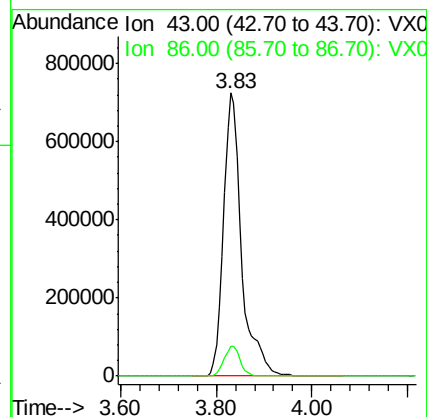
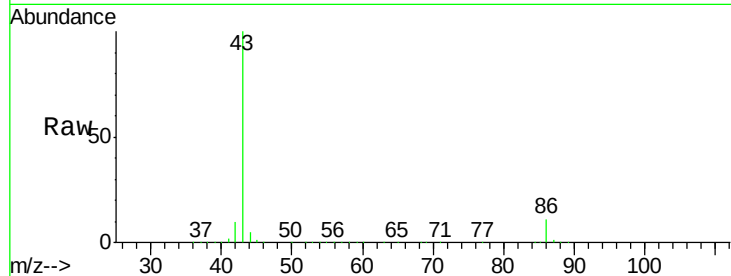
VSTDCCC050EC

Tgt Ion: 43 Resp: 1888984

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 54.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

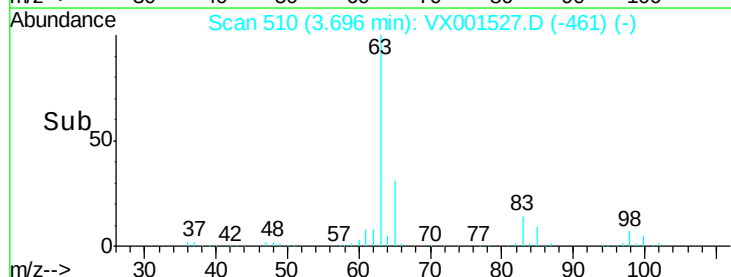
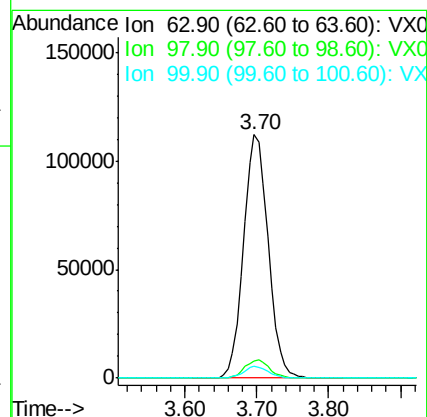
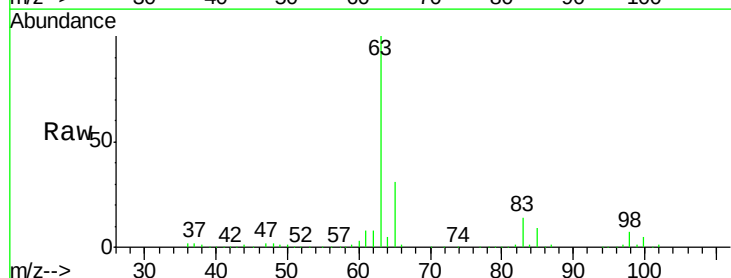
Tgt Ion: 63 Resp: 266254

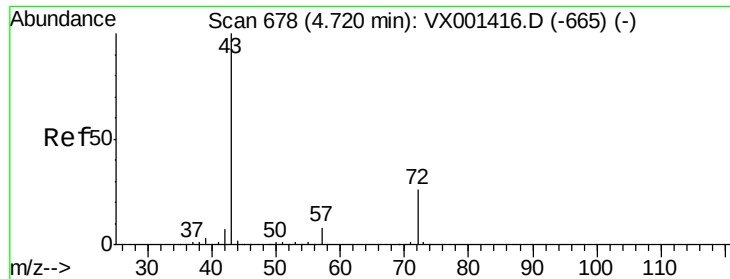
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 272.27 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

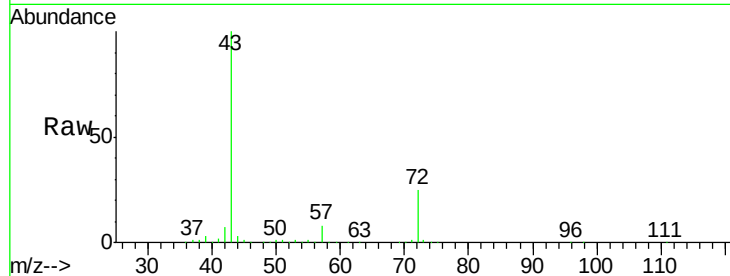
VSTDCCC050EC

Tgt Ion: 43 Resp: 586052

Ion Ratio Lower Upper

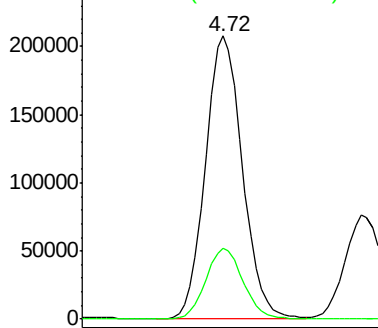
43 100

72 25.2 20.7 31.1

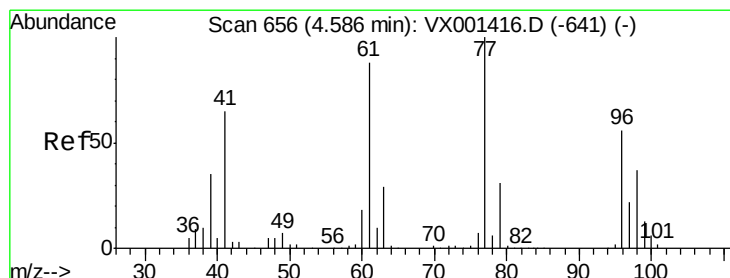
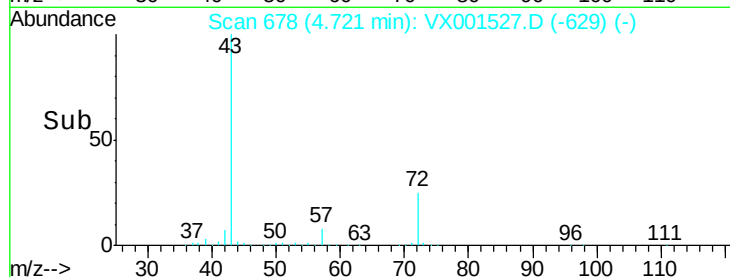


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 44.30 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001527.D

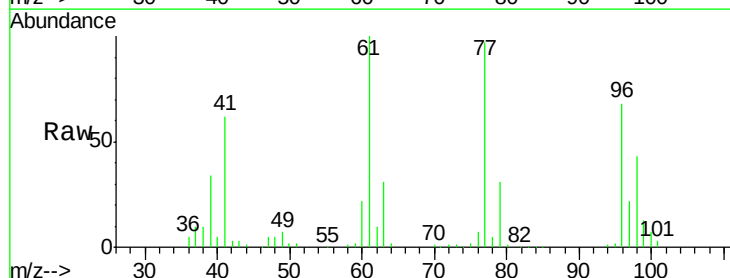
Acq: 08 May 2018 21:08

Tgt Ion: 77 Resp: 168060

Ion Ratio Lower Upper

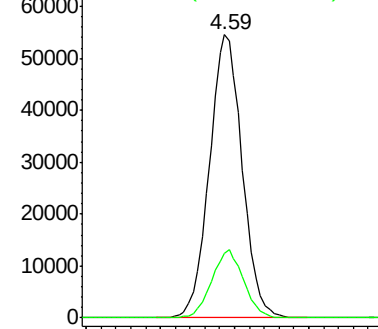
77 100

97 23.5 11.2 33.6

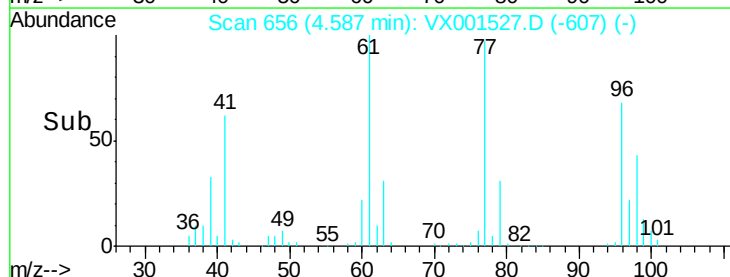


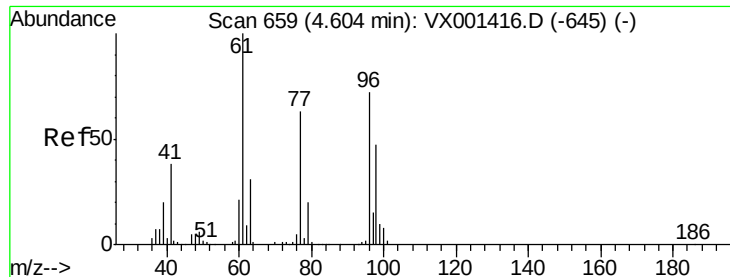
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



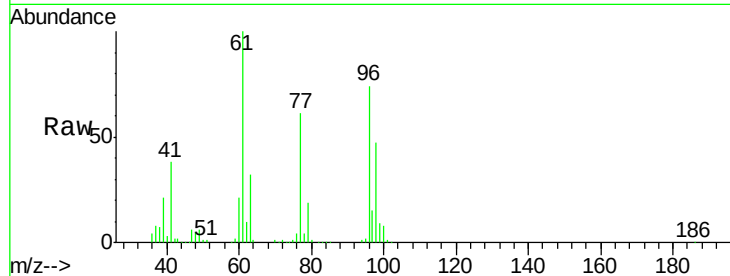


#27

cis-1,2-Dichloroethene
 Concen: 52.39 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	301.6
98	64.2	0.0	131.6

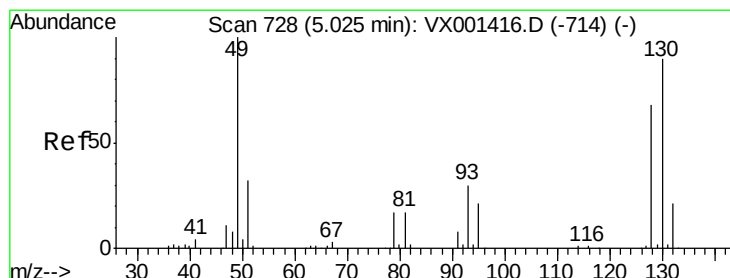
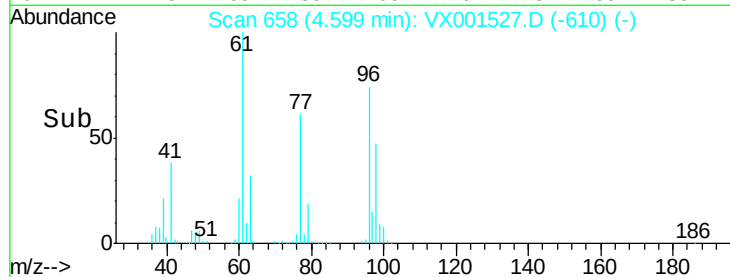
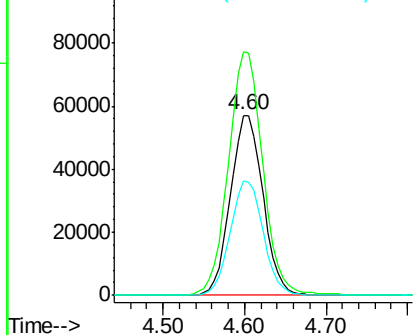


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

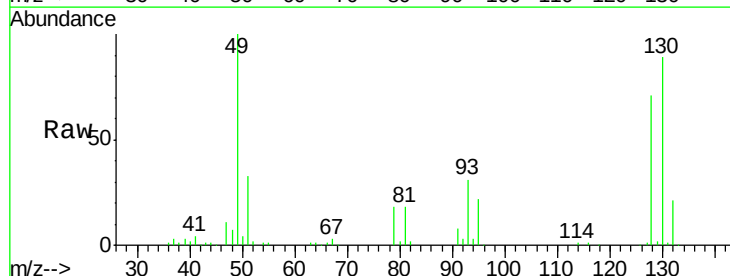
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 51.50 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	88.4	71.9	107.9

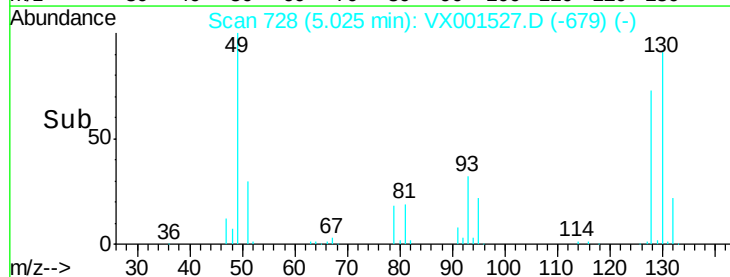
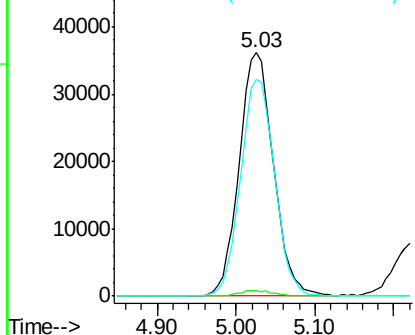


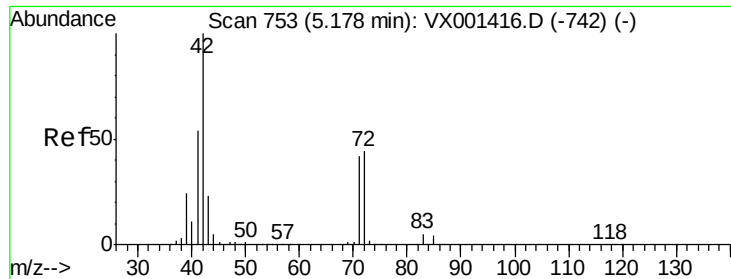
Abundance

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: 274.64 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

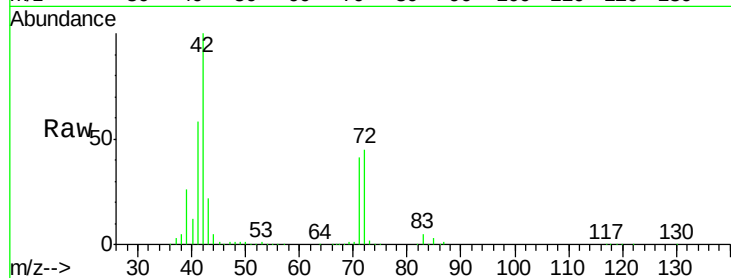
Tgt Ion: 42 Resp: 378229

Ion Ratio Lower Upper

42 100

72 44.4 35.4 53.2

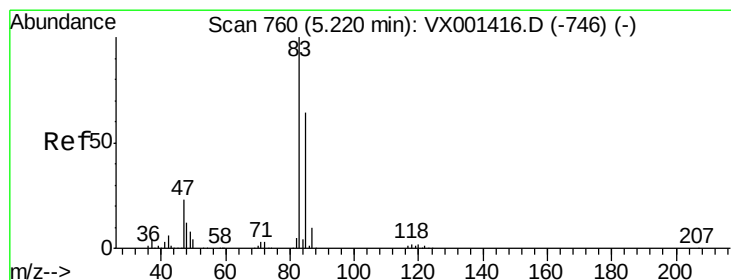
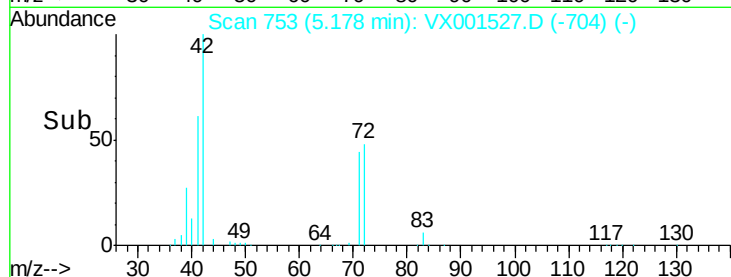
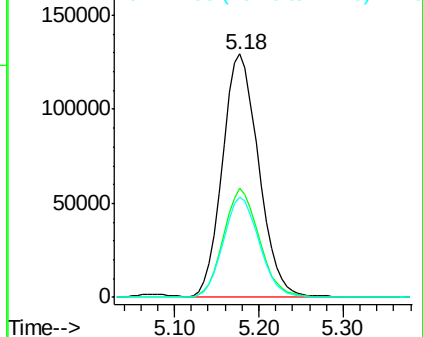
71 41.2 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.68 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001527.D

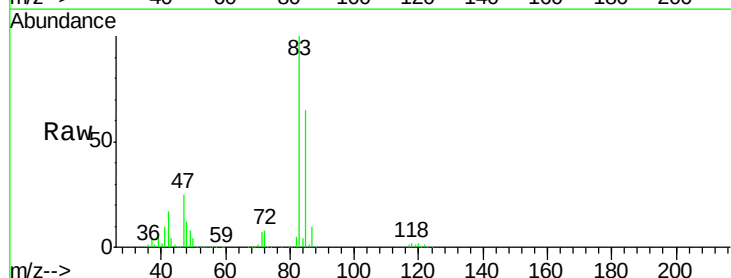
Acq: 08 May 2018 21:08

Tgt Ion: 83 Resp: 276703

Ion Ratio Lower Upper

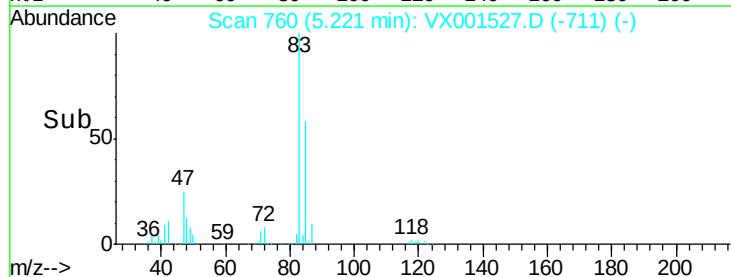
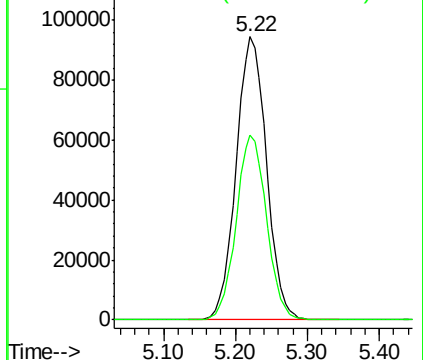
83 100

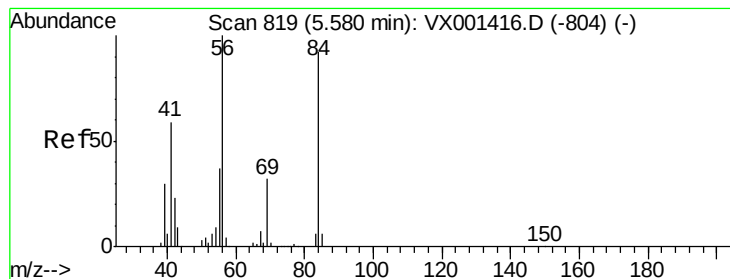
85 65.2 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.02 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

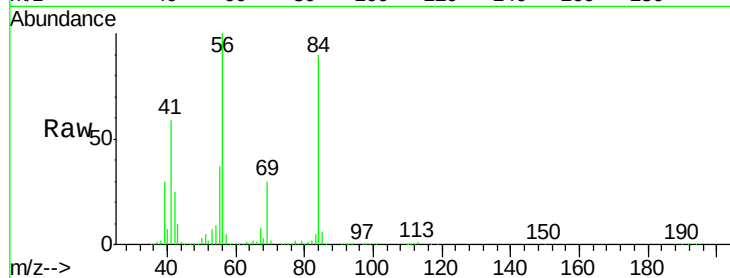
Tgt Ion: 56 Resp: 219482

Ion Ratio Lower Upper

56 100

69 29.8 25.4 38.0

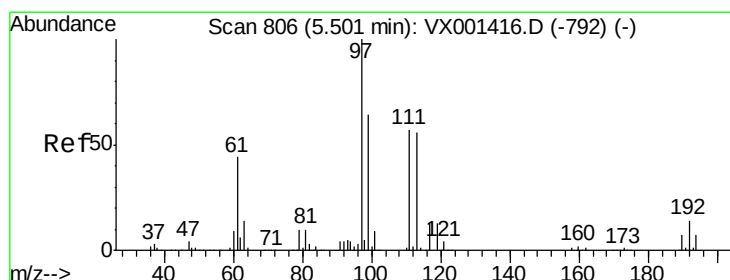
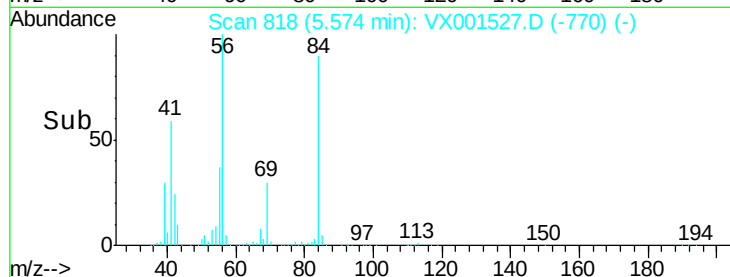
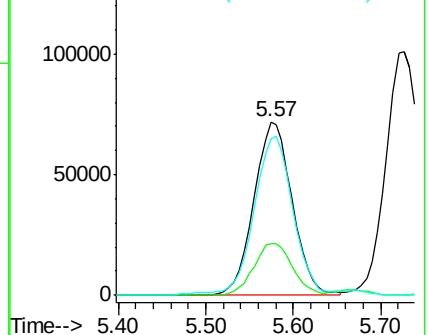
84 89.2 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

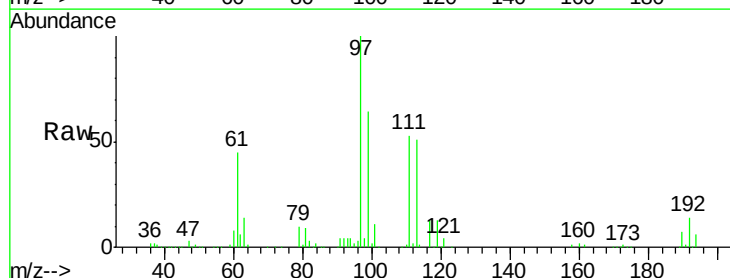
Tgt Ion: 97 Resp: 244864

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

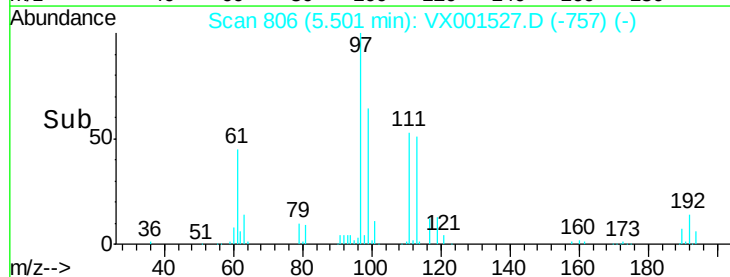
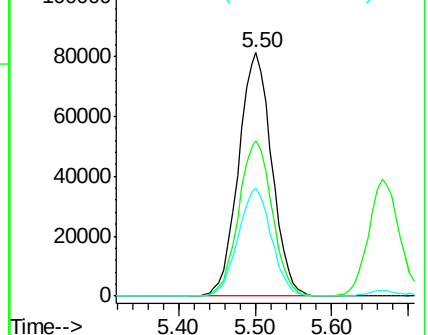
61 44.5 34.8 52.2

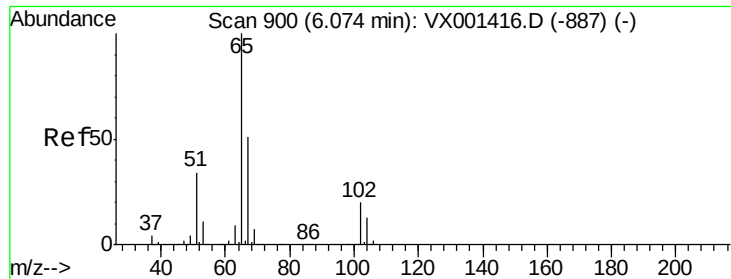


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

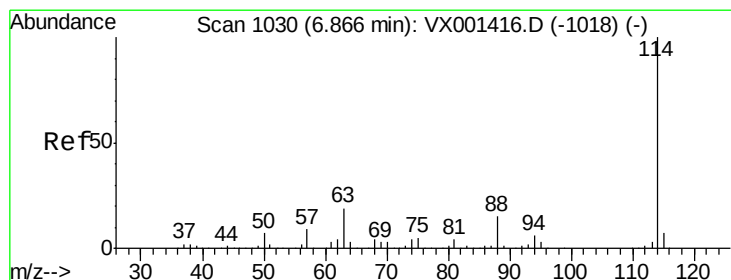
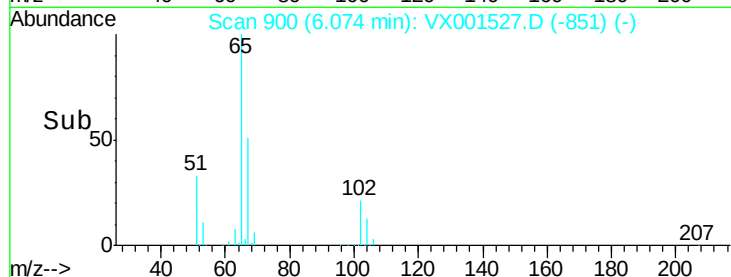
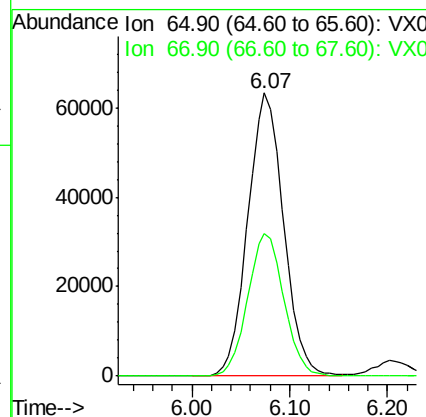
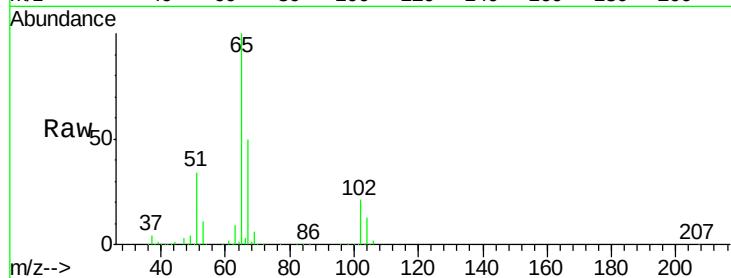




#33
 1,2-Dichloroethane-d4
 Concen: 49.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

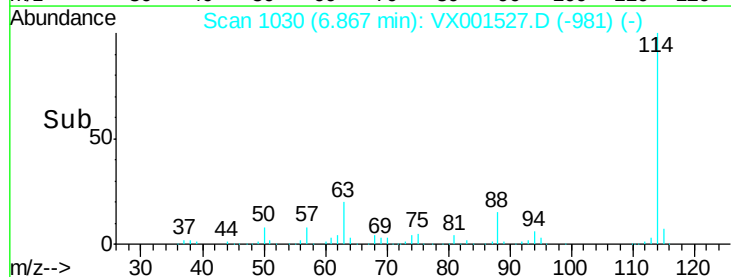
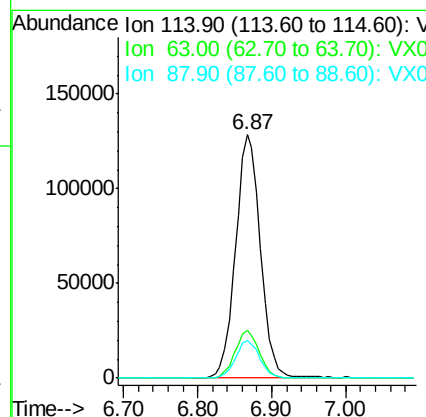
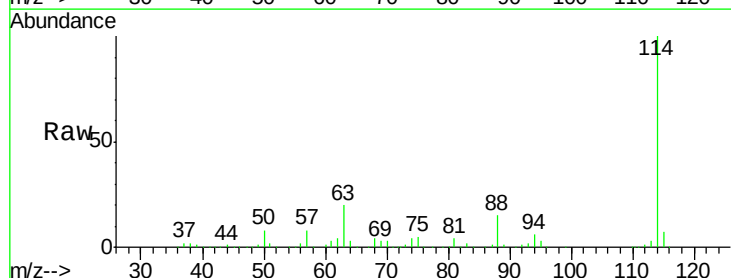
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

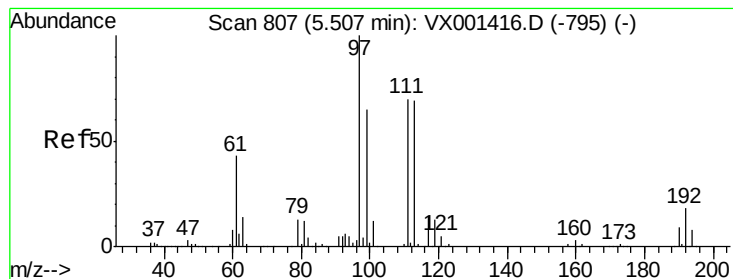
Tgt Ion: 65 Resp: 161258
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion: 114 Resp: 299503
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

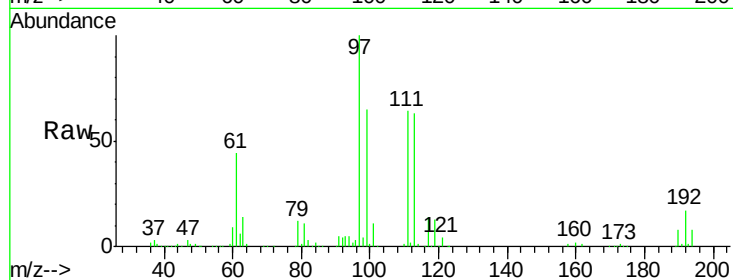
Tgt Ion:113 Resp: 131107

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

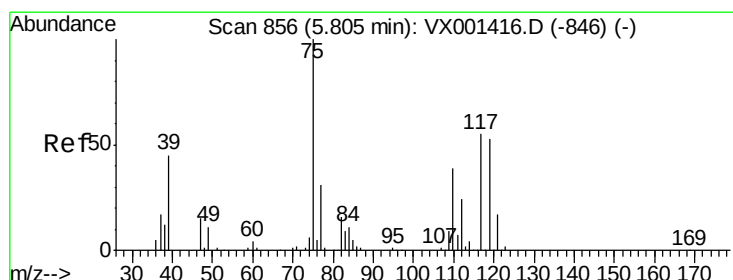
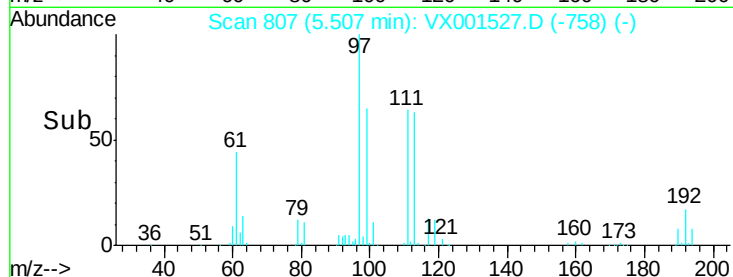
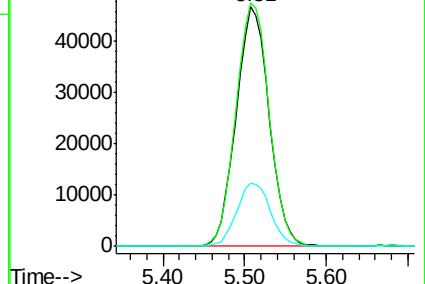
192 27.1 21.4 32.0



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: 51.38 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

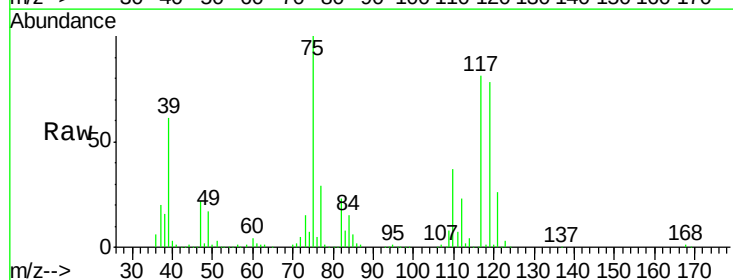
Tgt Ion: 75 Resp: 195736

Ion Ratio Lower Upper

75 100

110 37.6 18.9 56.7

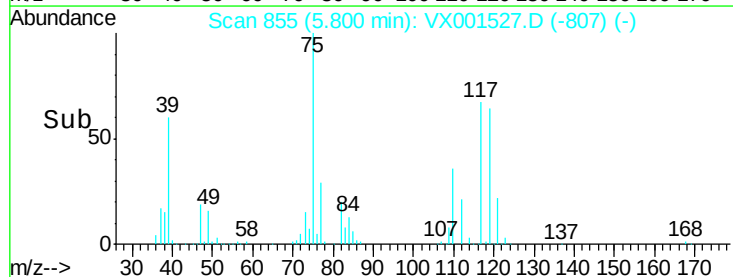
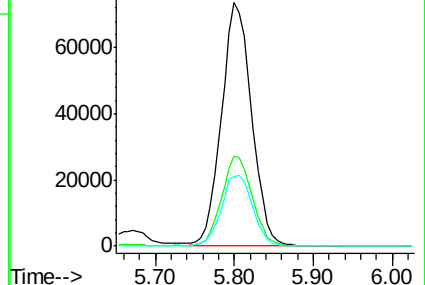
77 30.4 24.9 37.3

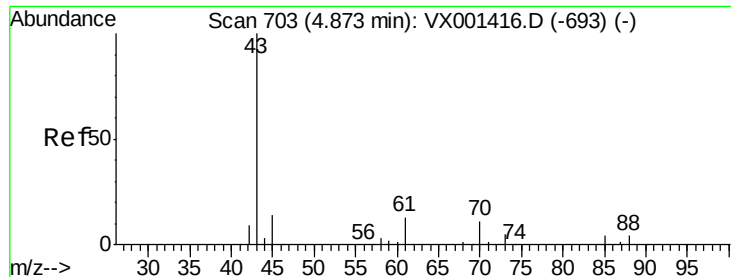


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

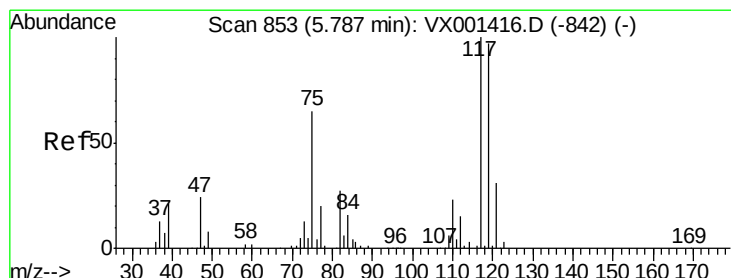
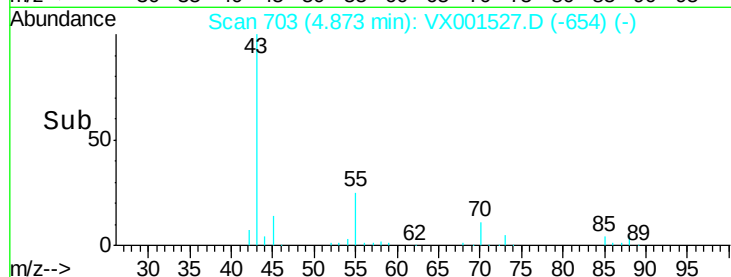
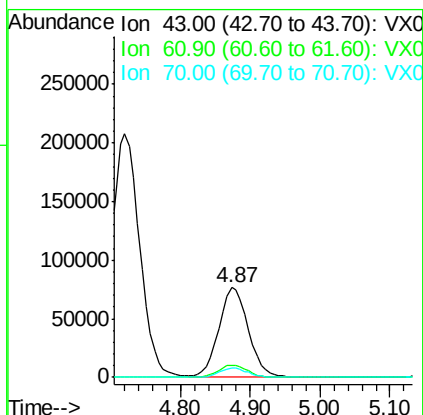
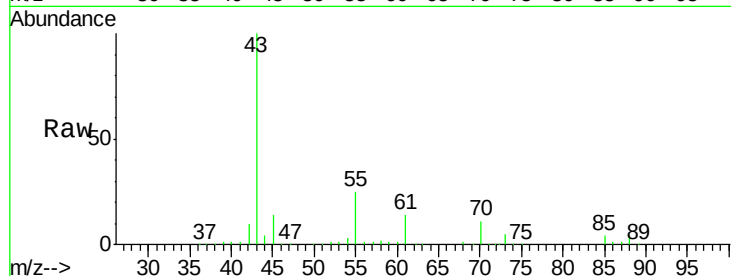




#37
Ethyl Acetate
Concen: 53.24 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

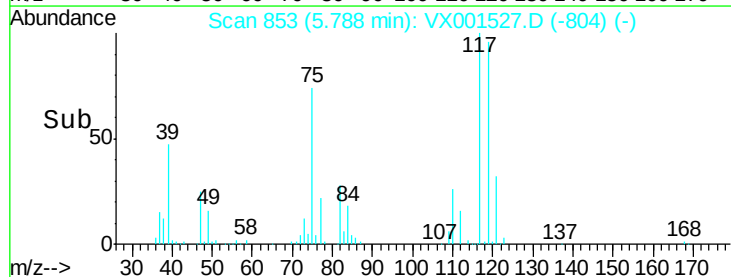
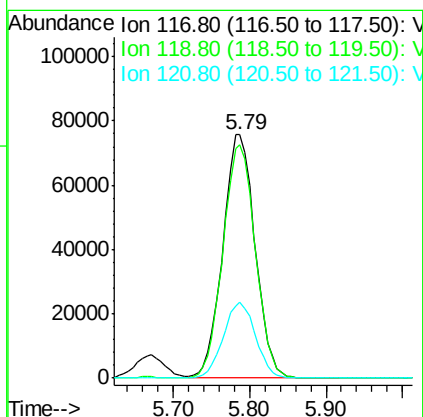
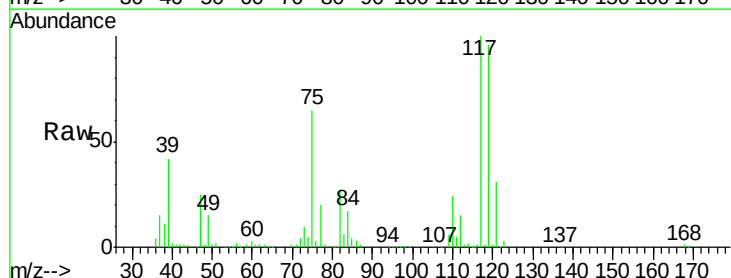
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

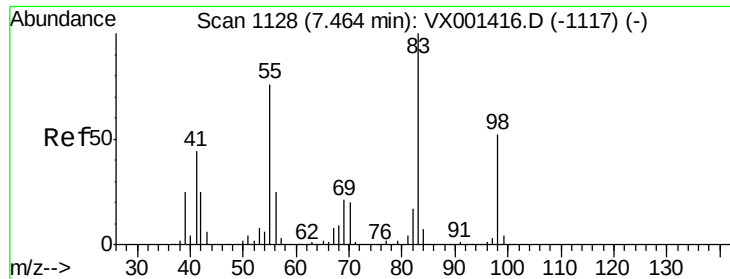
Tgt Ion: 43 Resp: 222341
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 54.42 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 117 Resp: 221123
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6
121 31.3 25.1 37.7

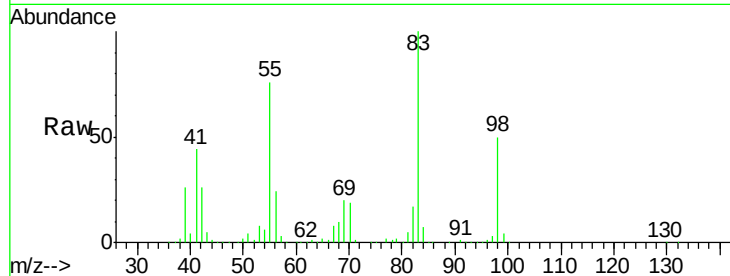




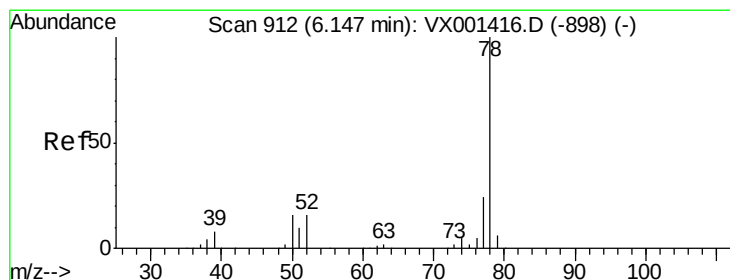
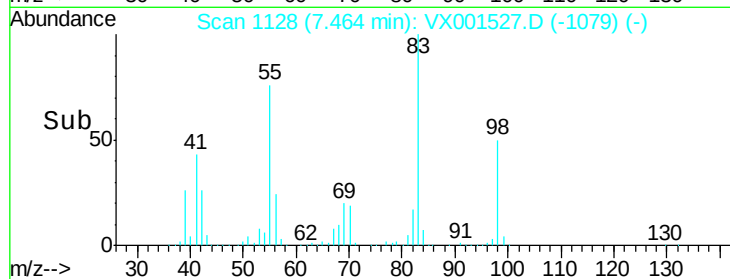
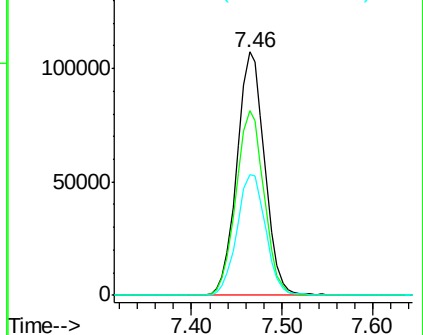
#39
Methylcyclohexane
Concen: 50.66 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 228192
Ion Ratio Lower Upper
83 100
55 75.8 60.9 91.3
98 49.7 41.9 62.9

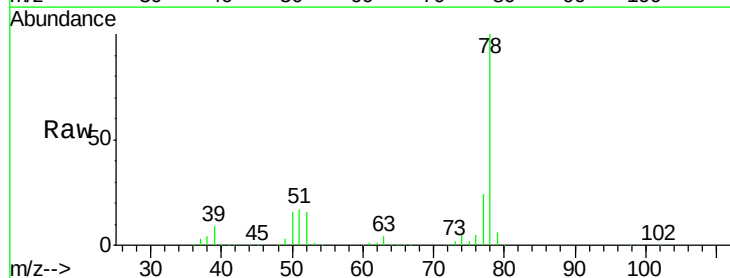


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

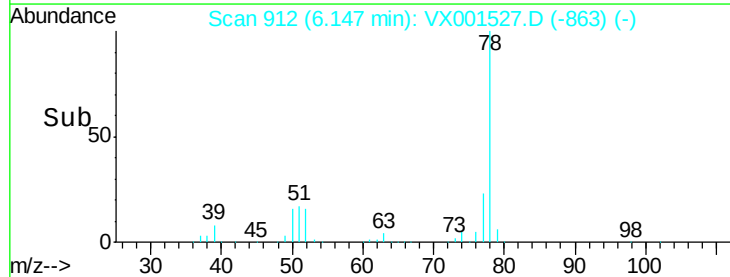
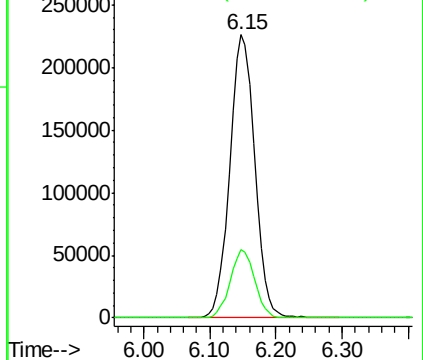


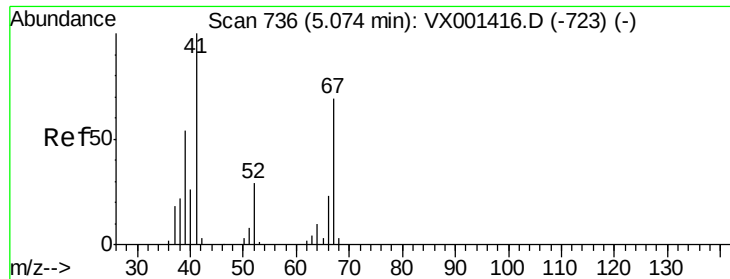
#40
Benzene
Concen: 53.20 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 78 Resp: 591994
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2



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

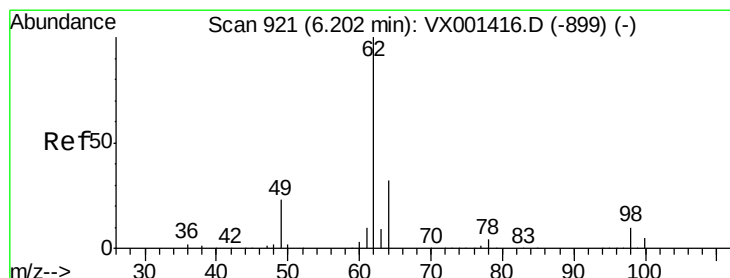
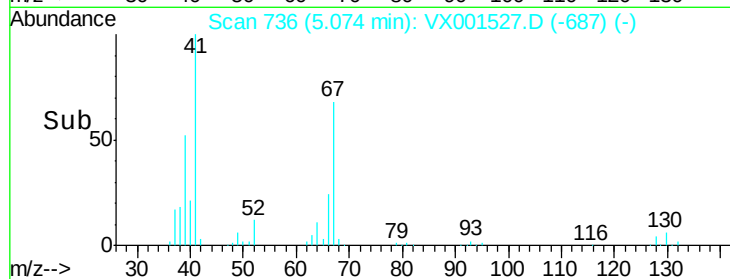
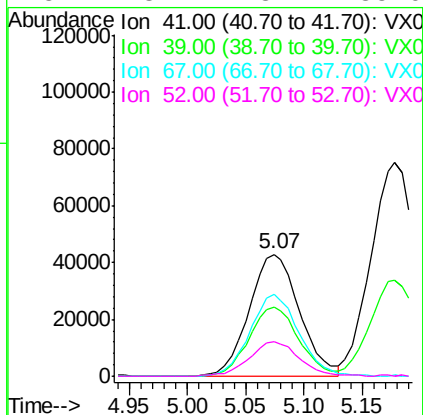
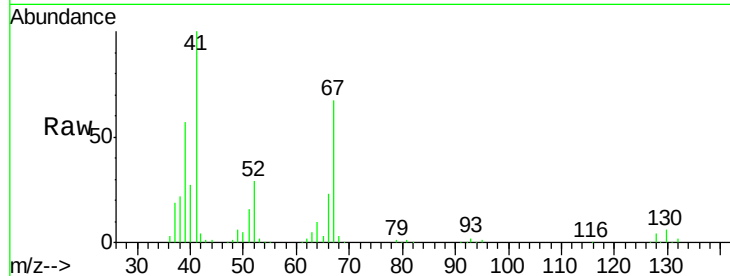




#41
Methacrylonitrile
Concen: 53.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

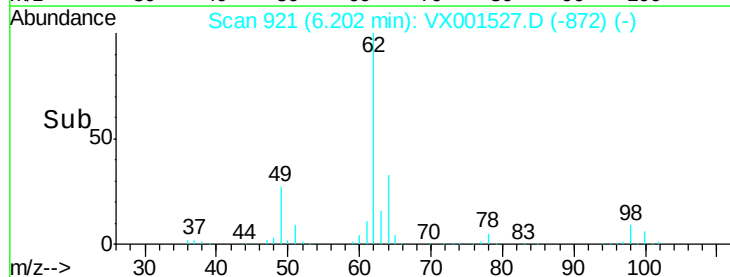
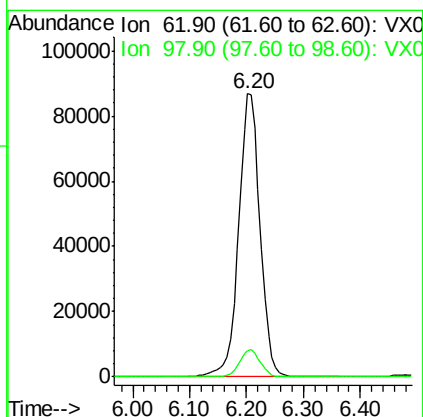
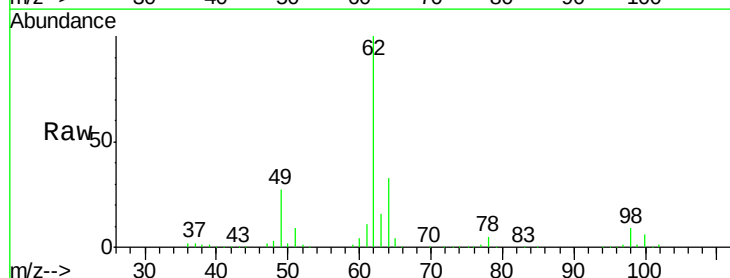
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

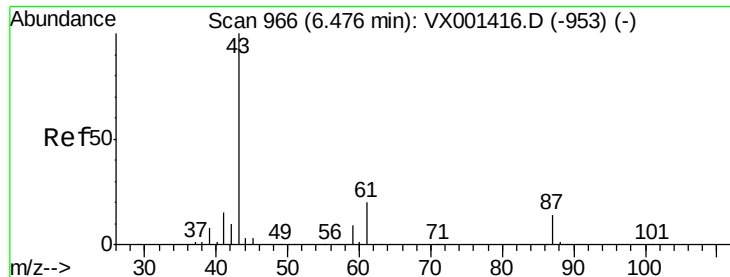
Tgt Ion:	41	Resp:	128304
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.0	67.6
67	66.1	55.0	82.6
52	28.1	23.4	35.0



#42
1,2-Dichloroethane
Concen: 53.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion:	62	Resp:	227995
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 55.23 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

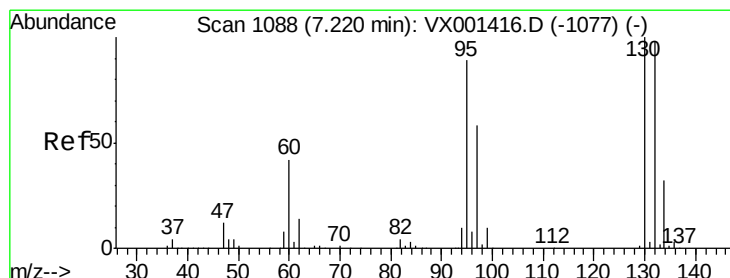
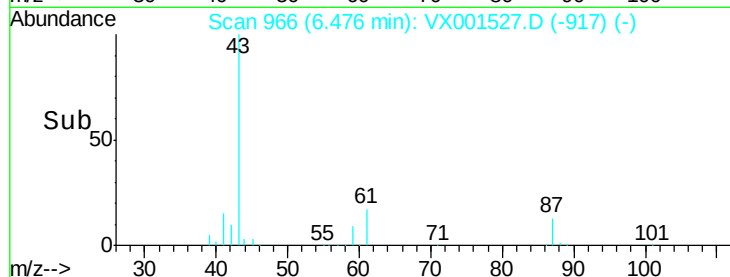
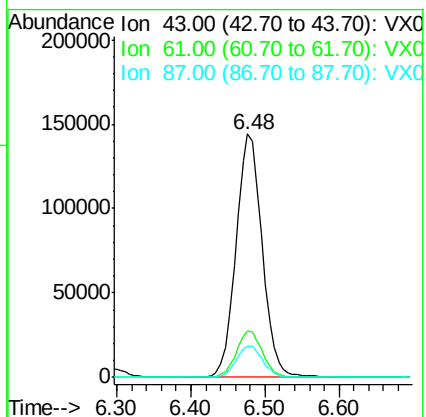
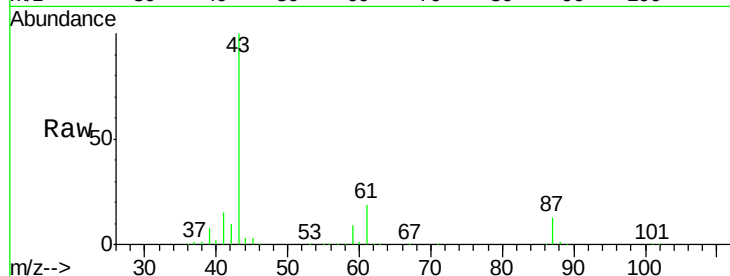
Tgt Ion: 43 Resp: 354088

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.0

87 13.3 10.8 16.2



#44

Trichloroethene

Concen: 52.66 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001527.D

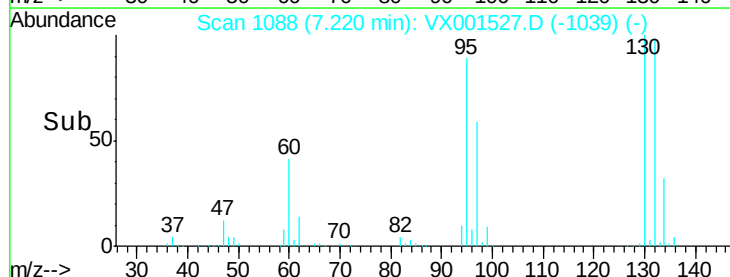
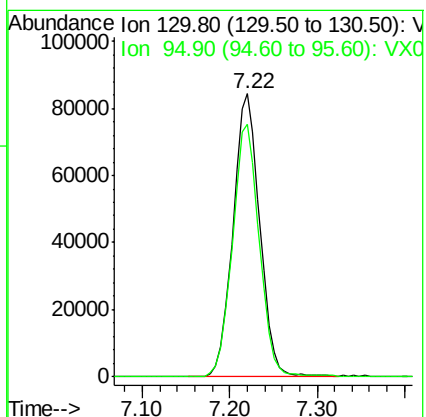
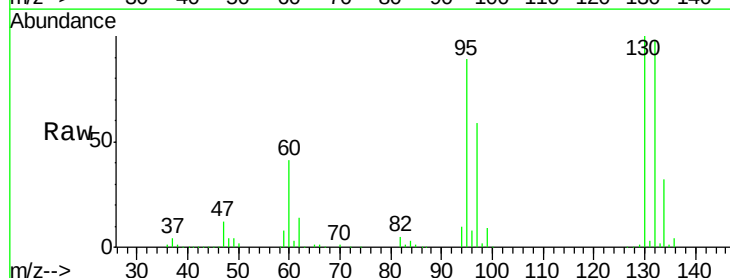
Acq: 08 May 2018 21:08

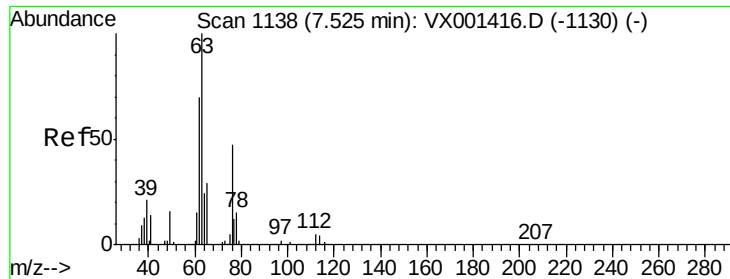
Tgt Ion: 130 Resp: 179120

Ion Ratio Lower Upper

130 100

95 89.4 0.0 178.4

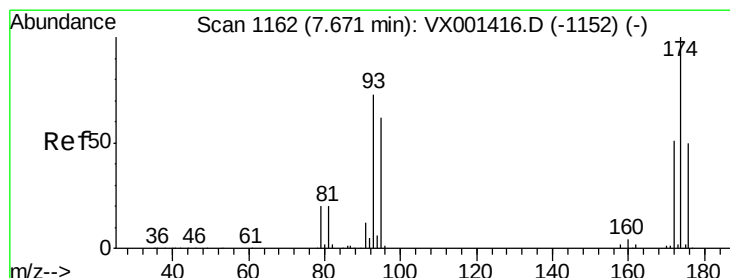
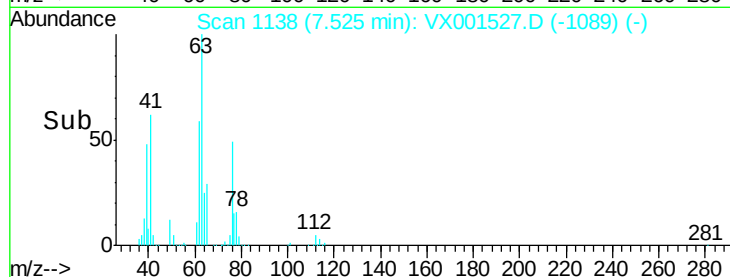
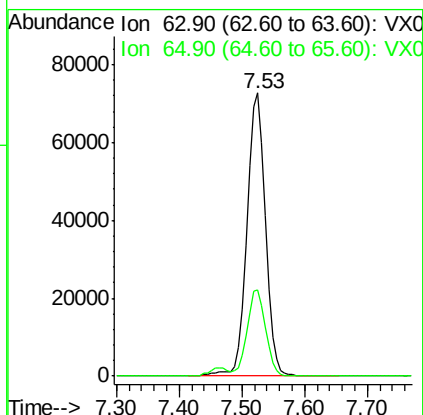
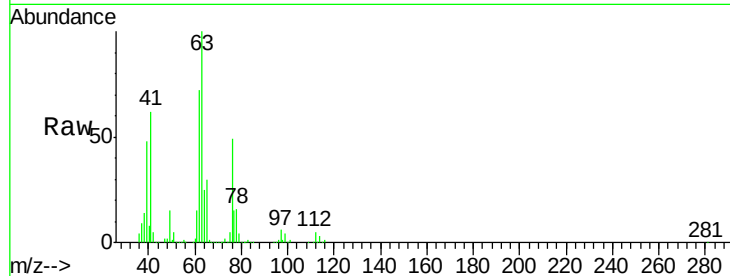




#45
 1,2-Dichloropropane
 Concen: 53.49 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

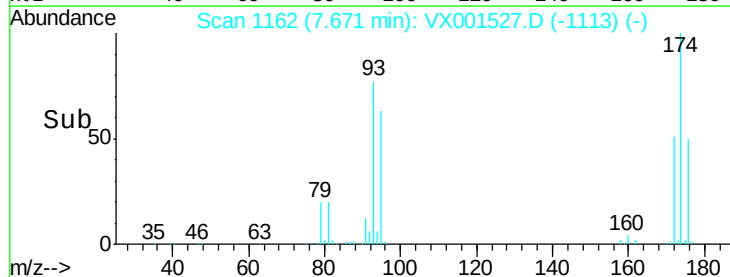
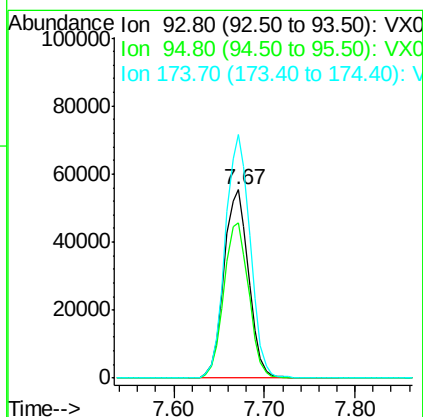
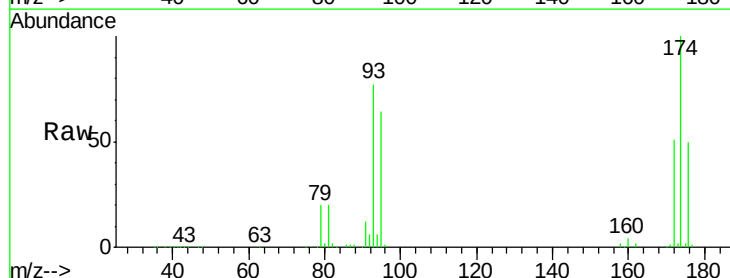
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

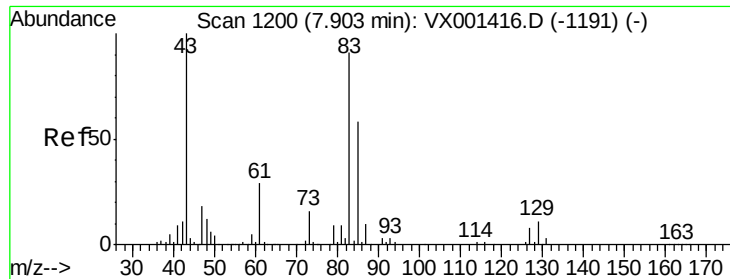
Tgt Ion: 63 Resp: 148395
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.5 36.7



#46
 Dibromomethane
 Concen: 53.57 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion: 93 Resp: 105216
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.4
 174 129.4 104.5 156.7





#47

Bromodichloromethane

Concen: 55.89 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

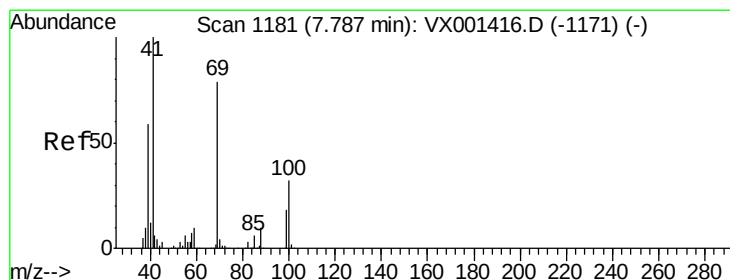
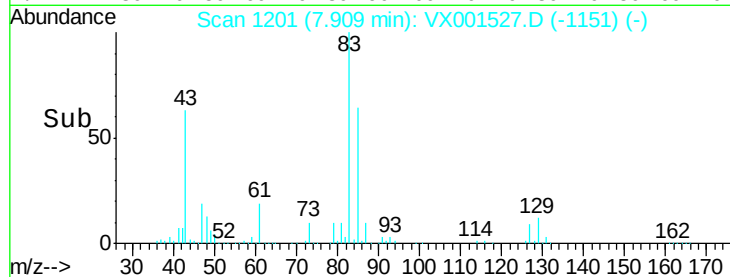
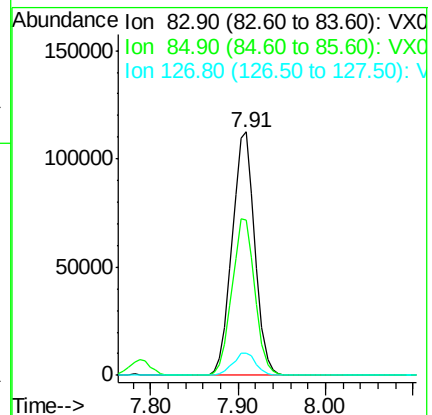
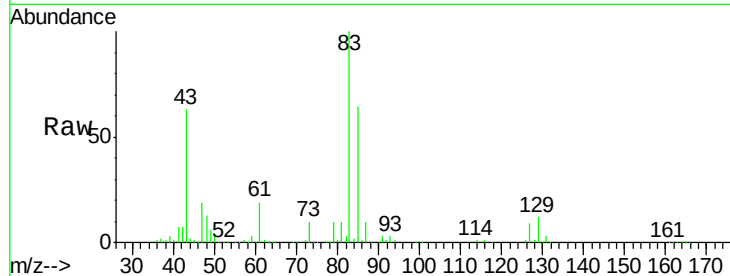
Tgt Ion: 83 Resp: 203134

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

127 9.2 7.4 11.2



#48

Methyl methacrylate

Concen: 54.59 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

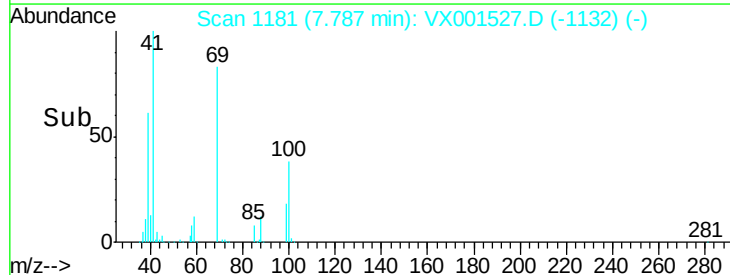
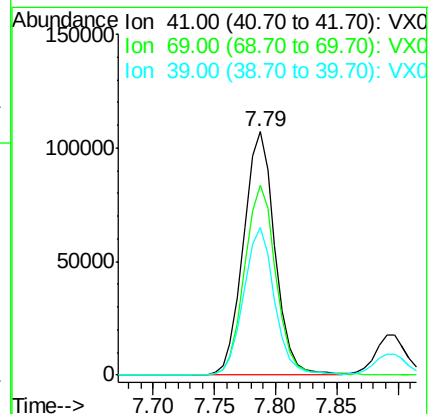
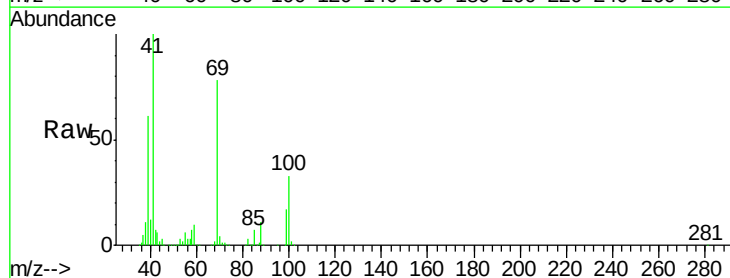
Tgt Ion: 41 Resp: 190567

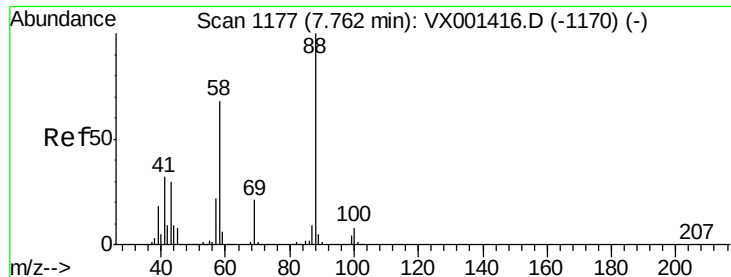
Ion Ratio Lower Upper

41 100

69 78.7 63.4 95.2

39 59.5 47.0 70.4

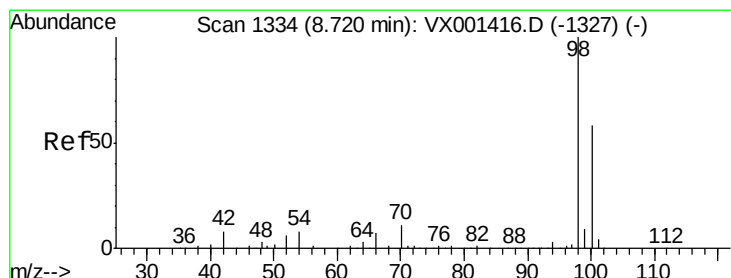
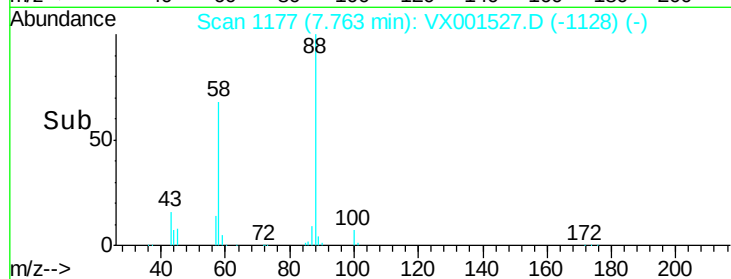
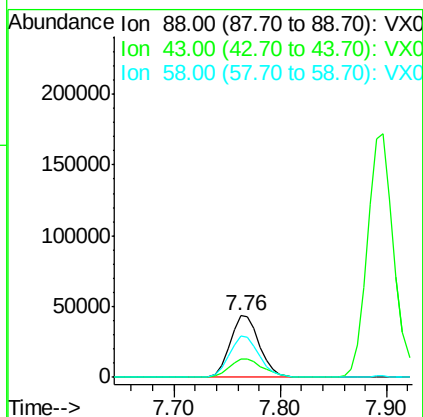
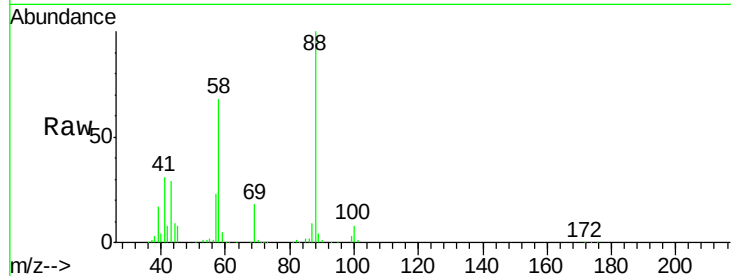




#49
1,4-Dioxane
Concen: 1118.88 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

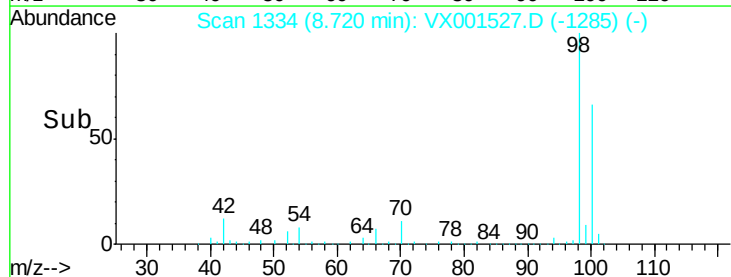
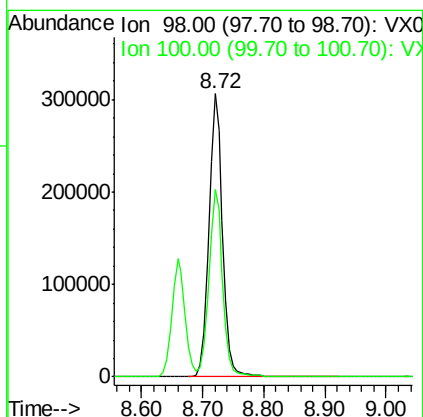
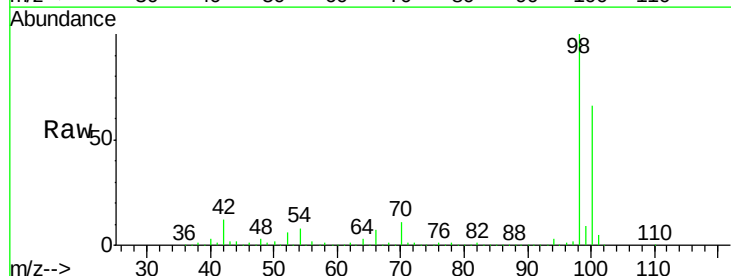
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

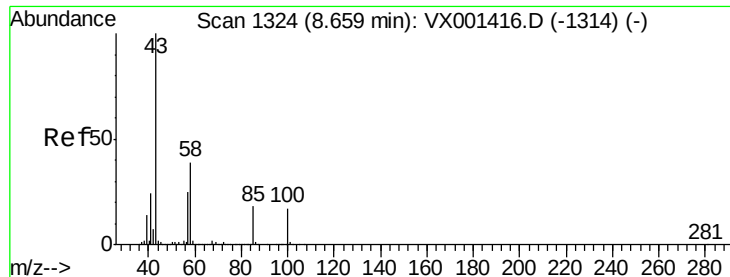
Tgt Ion: 88 Resp: 84386
Ion Ratio Lower Upper
88 100
43 33.9 26.4 39.6
58 68.6 54.1 81.1



#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 98 Resp: 481749
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 284.64 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

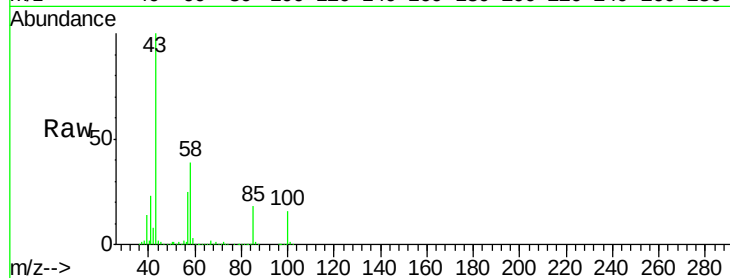
VSTDCCC050EC

Tgt Ion: 43 Resp: 1212617

Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

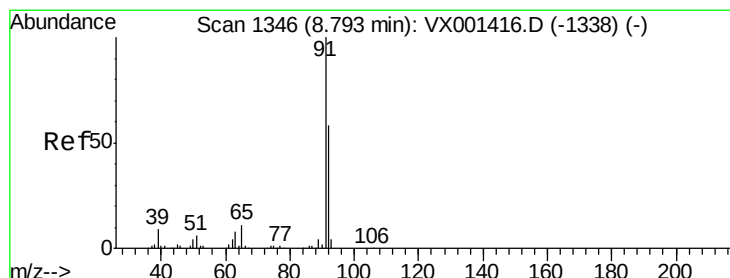
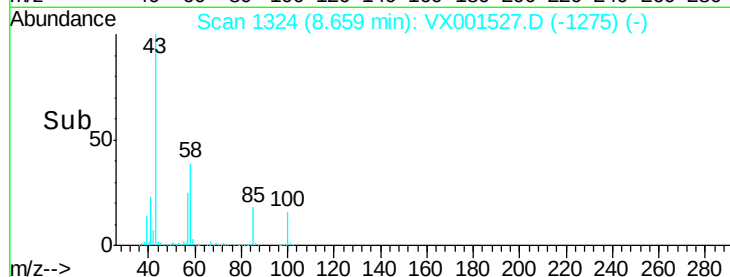
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001527.D

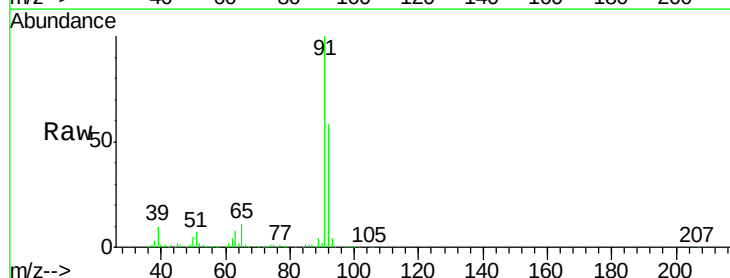
Acq: 08 May 2018 21:08

Tgt Ion: 92 Resp: 393160

Ion Ratio Lower Upper

92 100

91 169.0 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

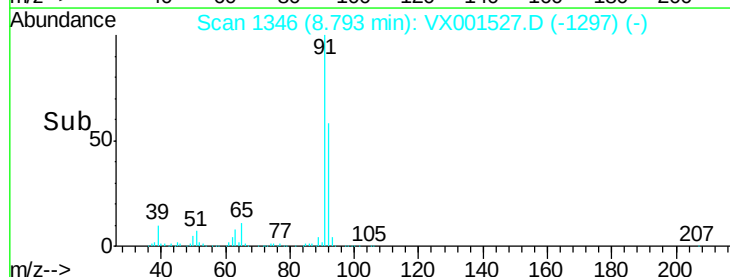
300000

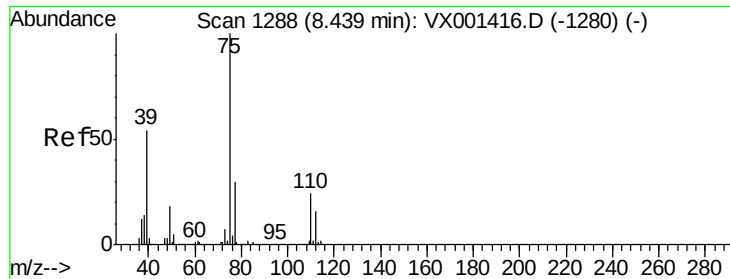
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.92 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

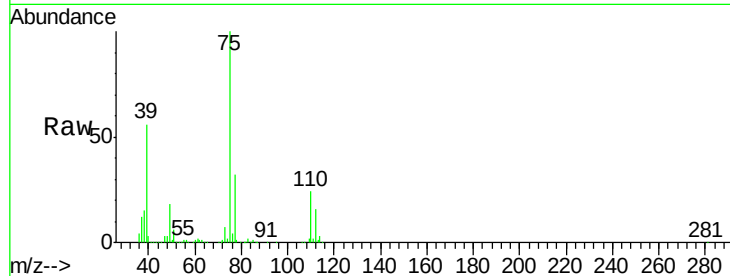
VSTDCCC050EC

Tgt Ion: 75 Resp: 229686

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

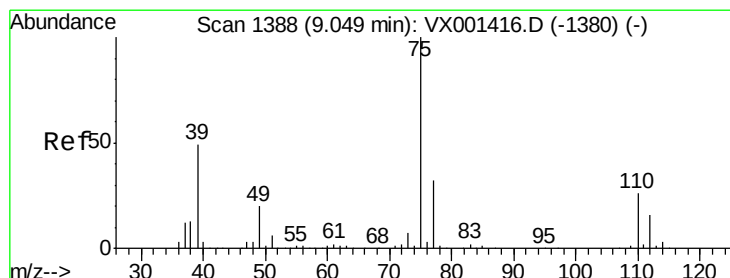
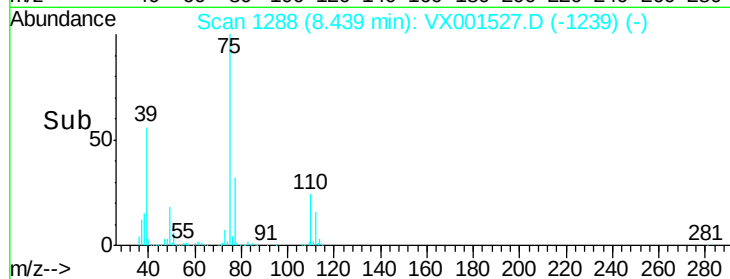
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.64 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

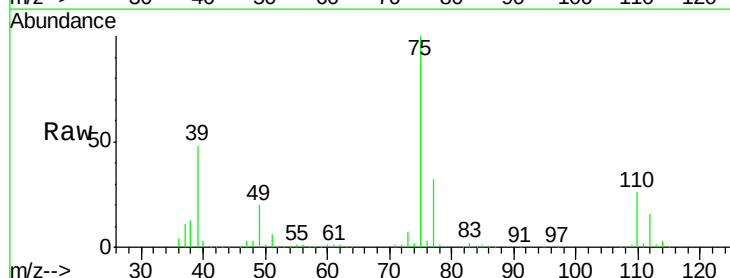
Tgt Ion: 75 Resp: 206294

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 47.5 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

150000

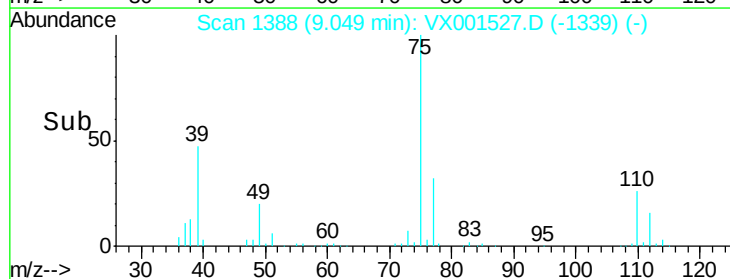
100000

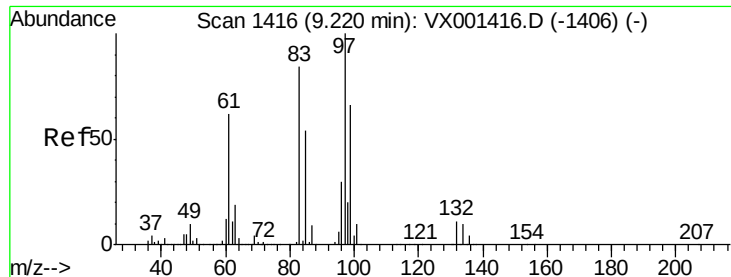
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->

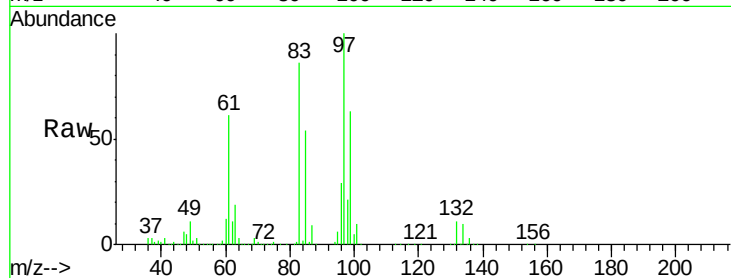




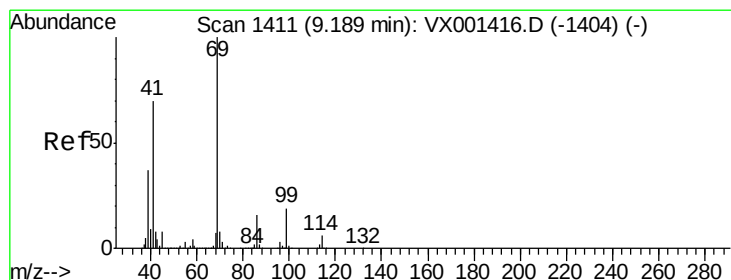
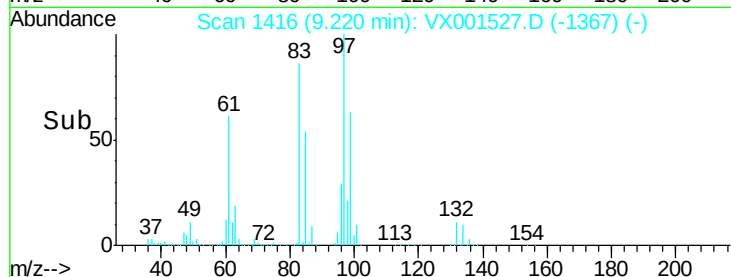
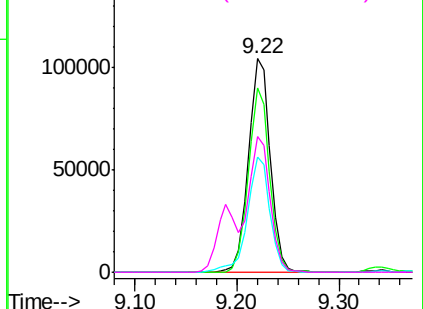
#55
 1,1,2-Trichloroethane
 Concen: 53.10 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	155658
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.4	101.0
85	54.1	43.3	64.9
99	63.3	52.5	78.7

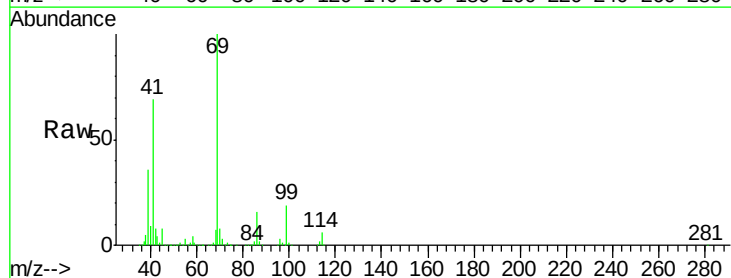


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

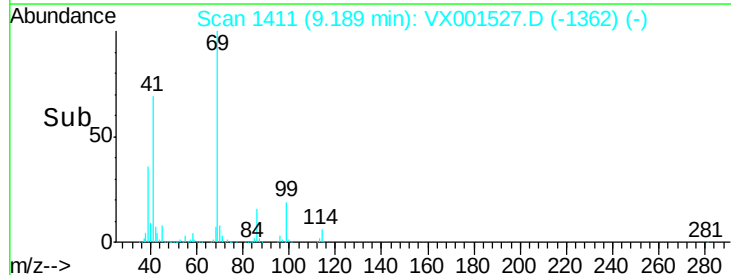
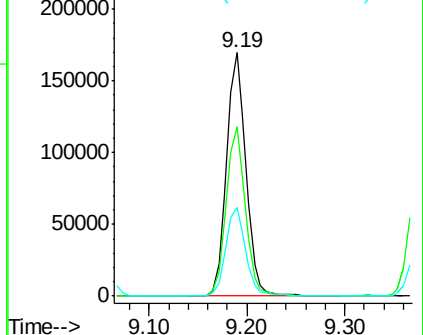


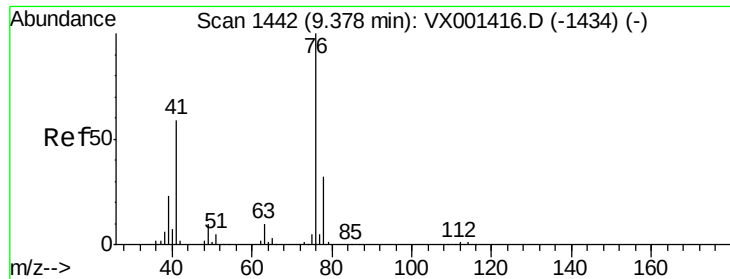
#56
 Ethyl methacrylate
 Concen: 55.42 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion:	69	Resp:	234173
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.1	82.7
39	37.0	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

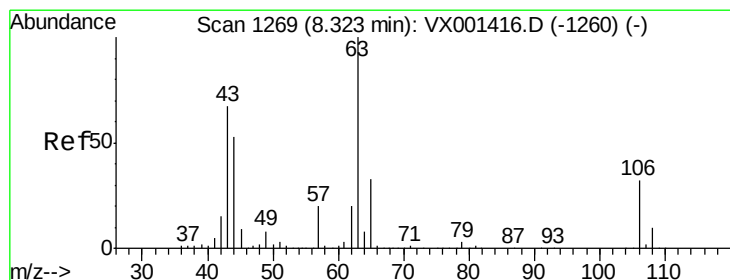
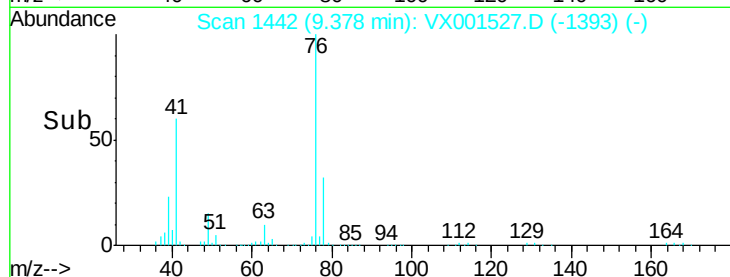
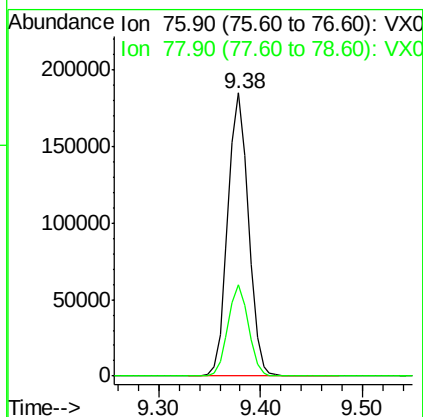
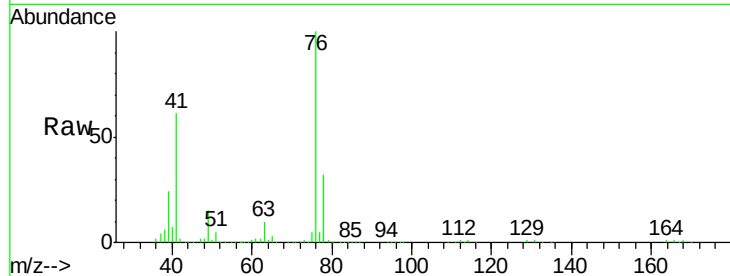




#57
 1,3-Dichloropropane
 Concen: 53.52 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

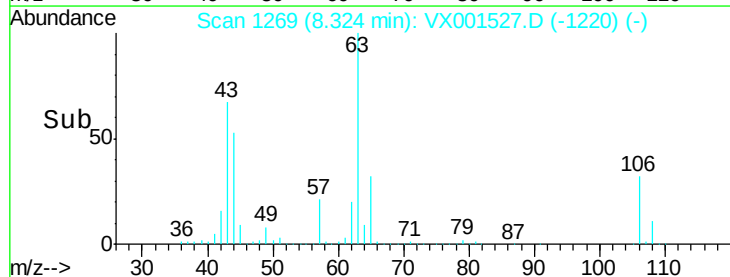
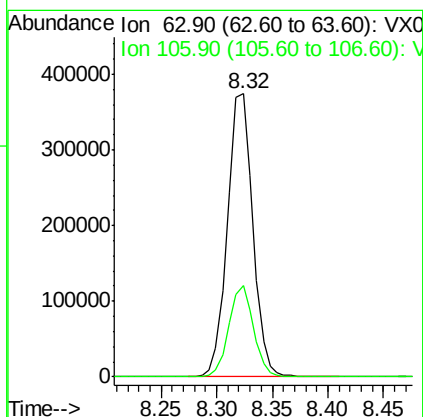
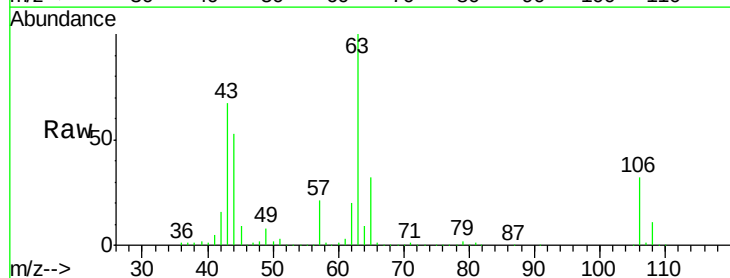
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

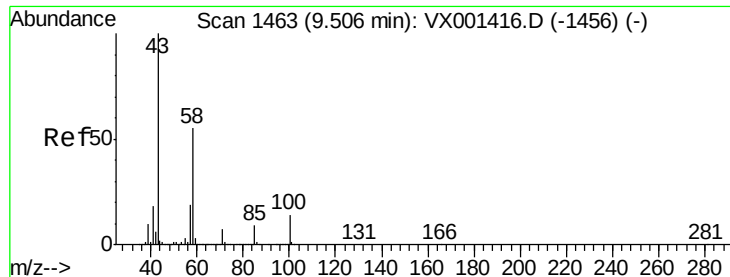
Tgt Ion: 76 Resp: 259421
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.36 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion: 63 Resp: 591433
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0

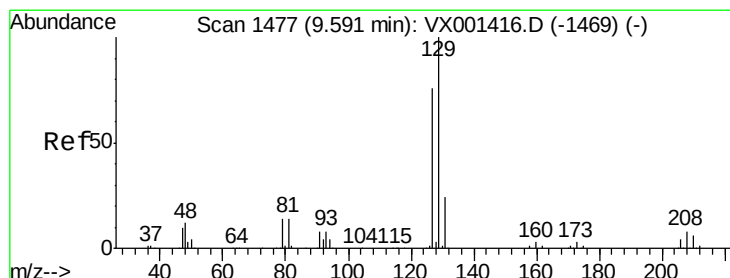
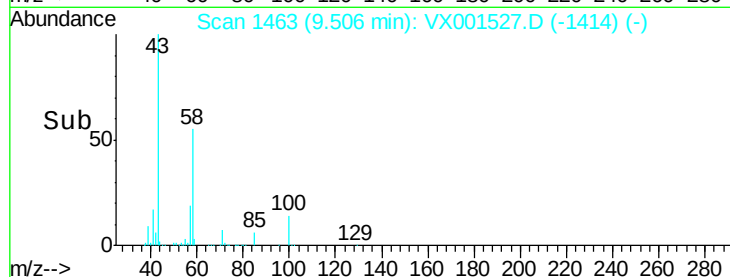
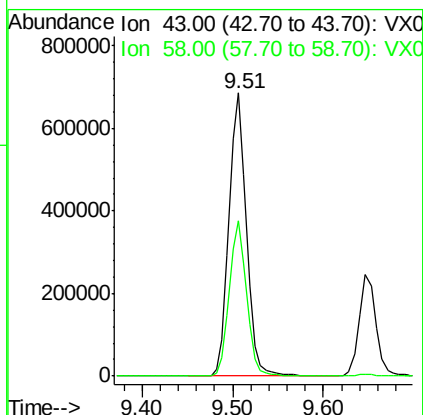
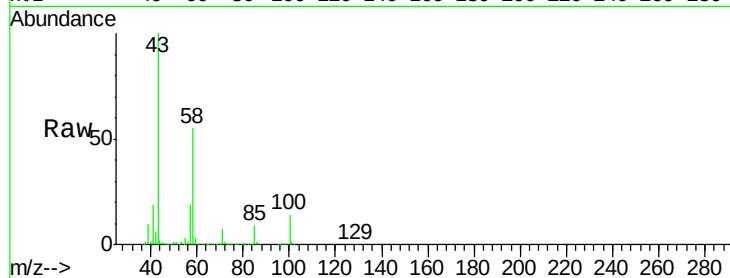




#59
2-Hexanone
Concen: 281.89 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

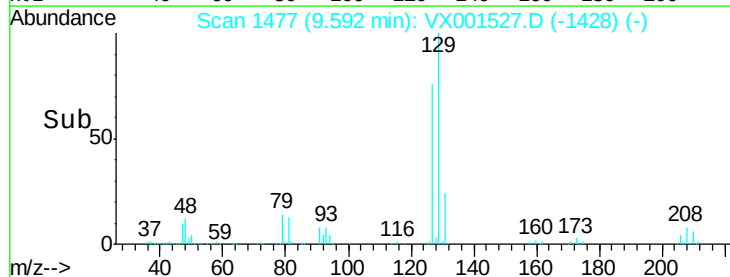
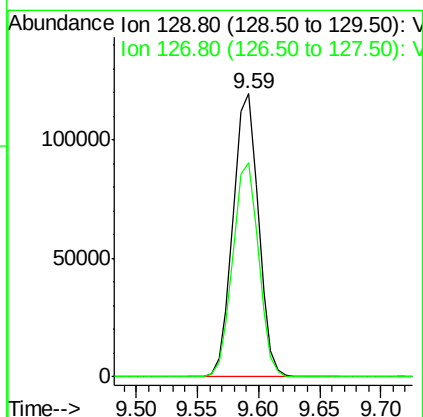
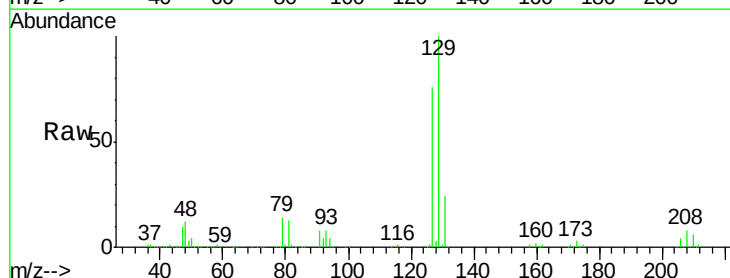
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

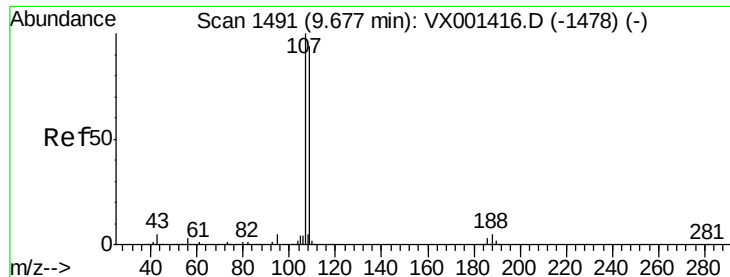
Tgt Ion: 43 Resp: 919610
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.2



#60
Dibromochloromethane
Concen: 57.23 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 129 Resp: 171787
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 54.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

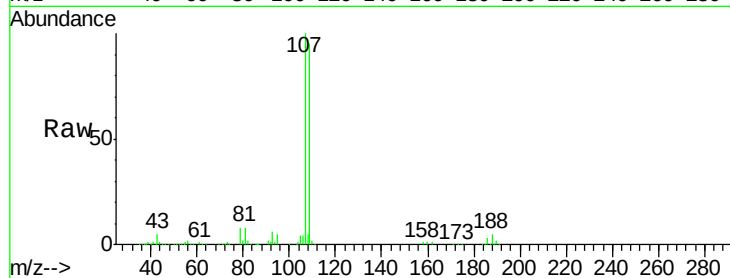
VSTDCCC050EC

Tgt Ion:107 Resp: 168430

Ion Ratio Lower Upper

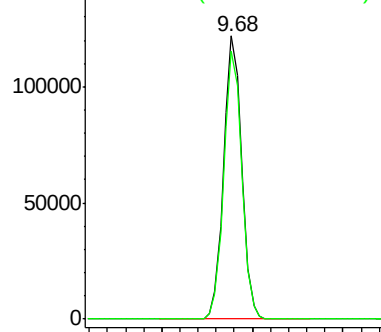
107 100

109 94.7 75.5 113.3

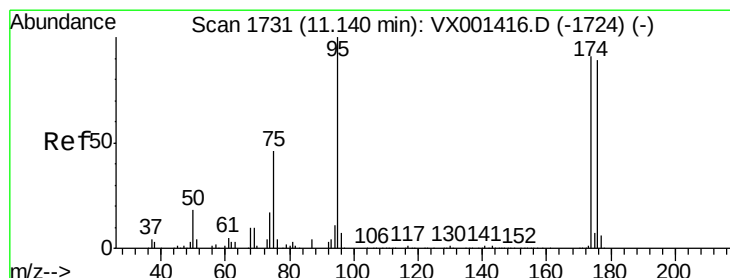
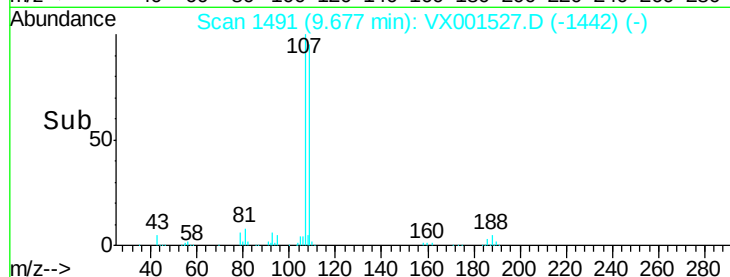


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

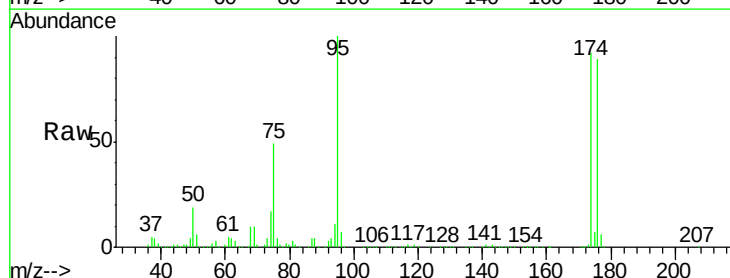
Tgt Ion: 95 Resp: 183475

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

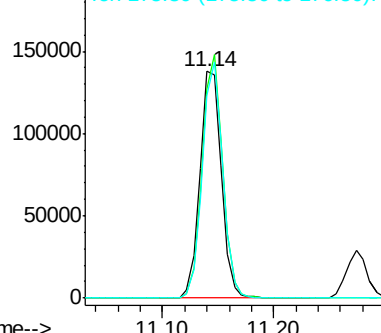
176 99.2 0.0 197.4



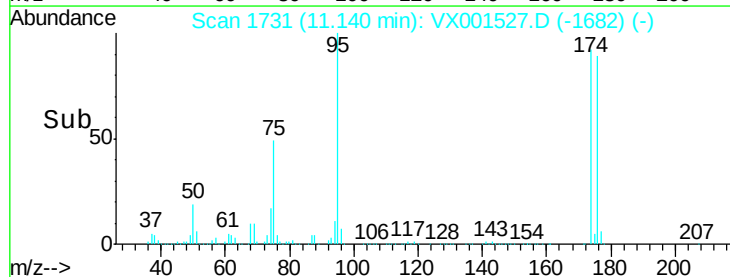
Abundance Ion 94.90 (94.60 to 95.60): VX0

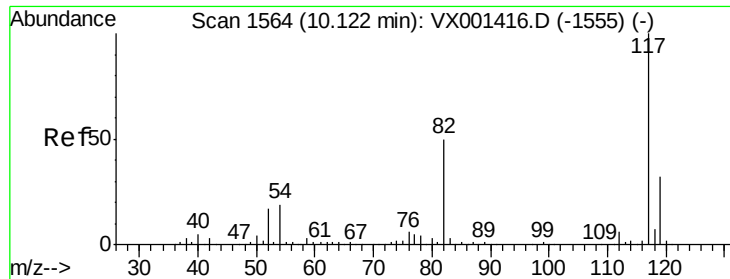
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

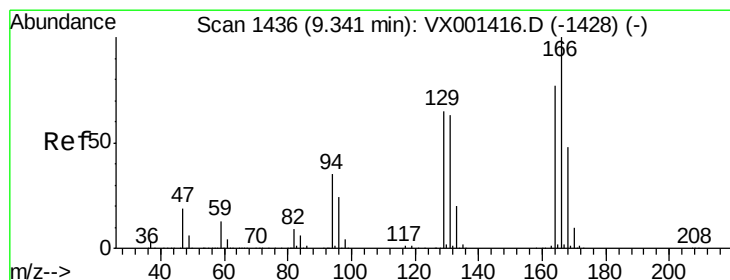
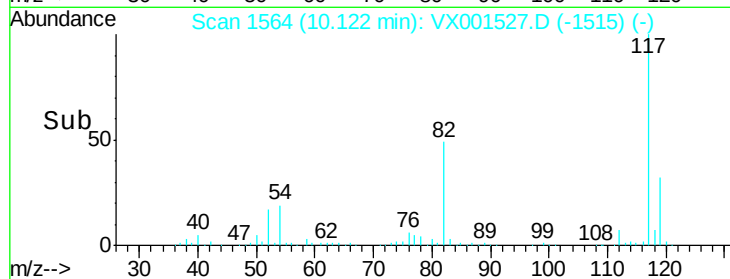
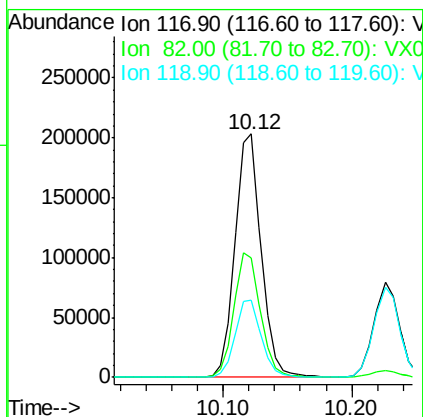
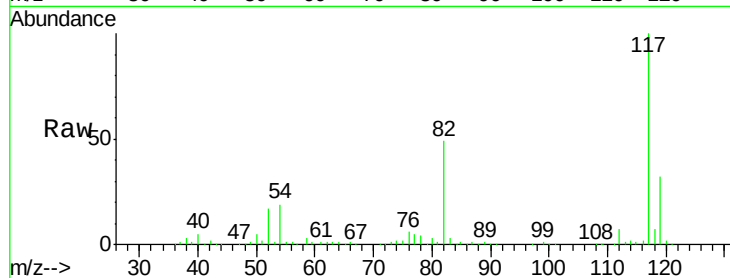




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

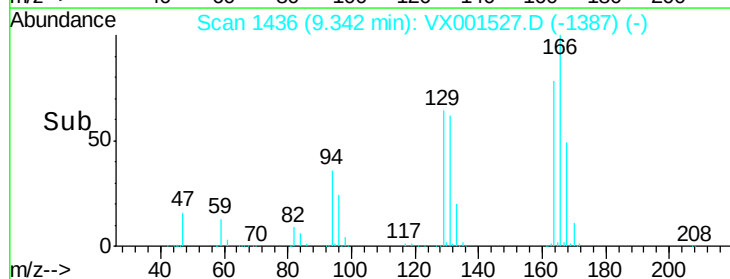
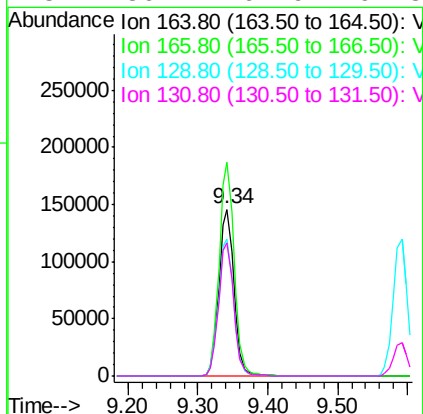
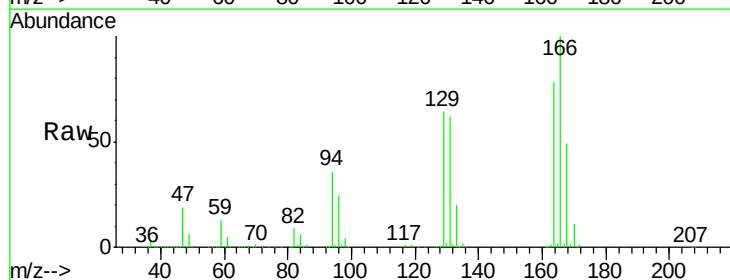
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

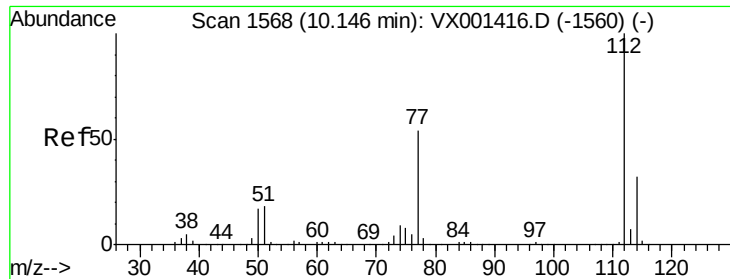
Tgt Ion:117 Resp: 287490
Ion Ratio Lower Upper
117 100
82 49.3 40.0 60.0
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 54.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion:164 Resp: 218524
Ion Ratio Lower Upper
164 100
166 128.3 103.5 155.3
129 82.0 66.7 100.1
131 80.1 64.9 97.3

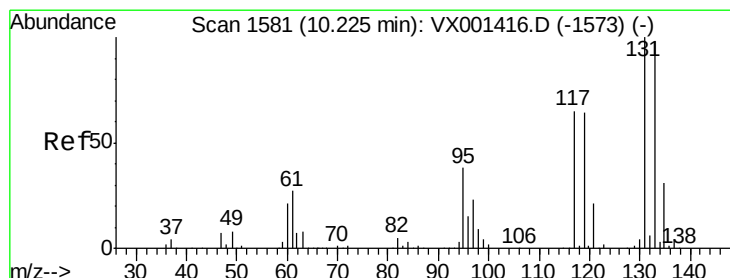
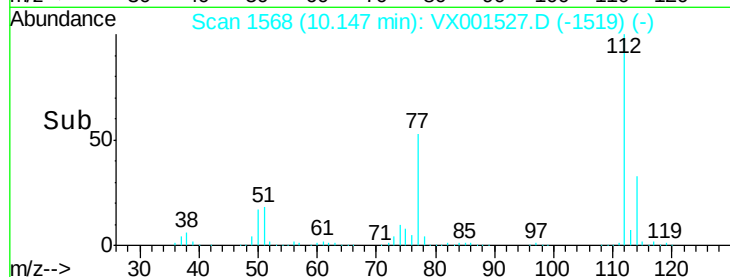
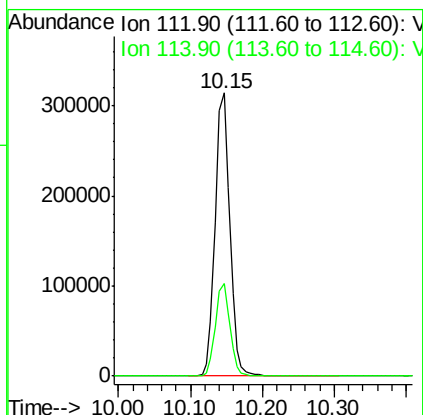
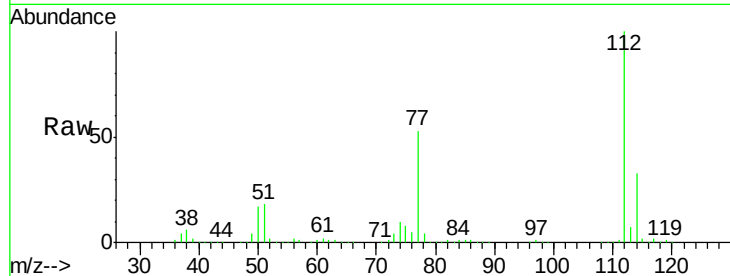




#65
Chlorobenzene
Concen: 52.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

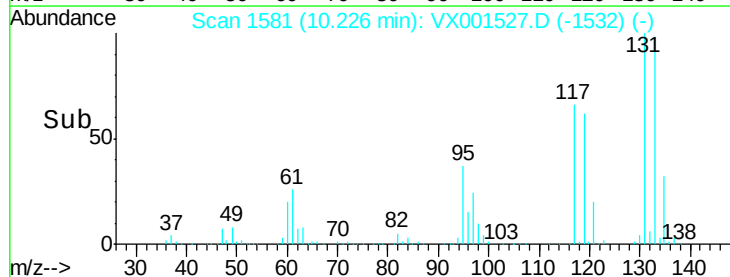
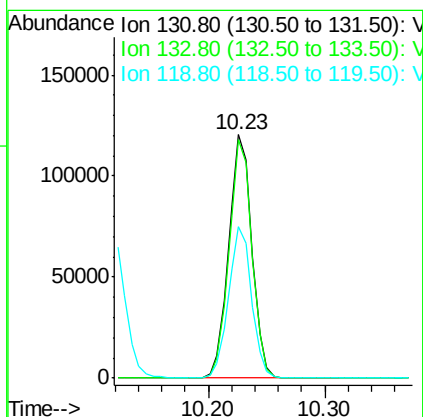
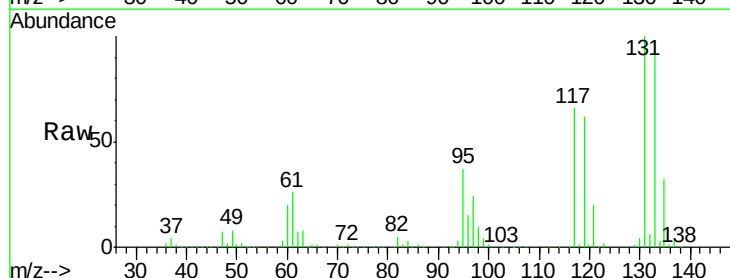
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

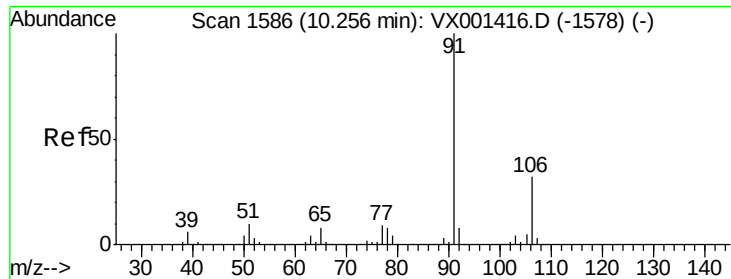
Tgt Ion:112 Resp: 444625
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.22 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion:131 Resp: 166545
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.8
119 61.9 31.1 93.3

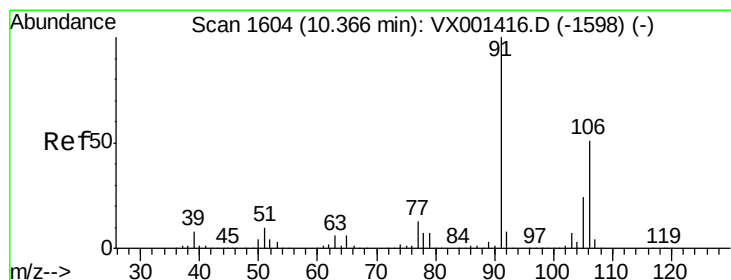
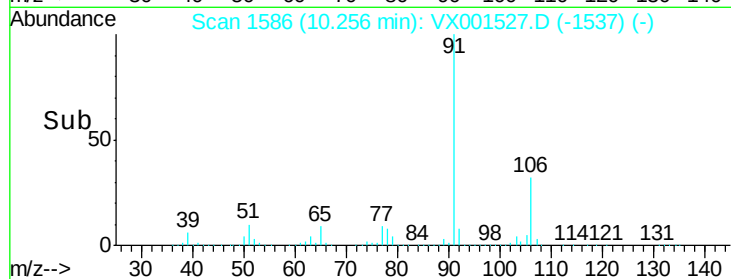
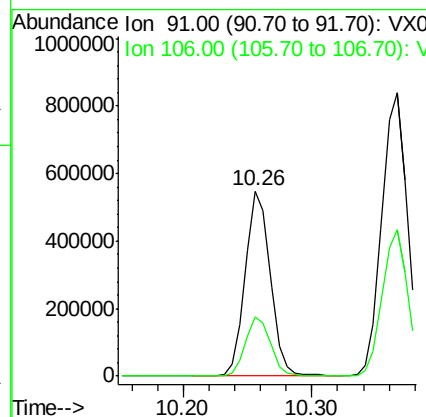
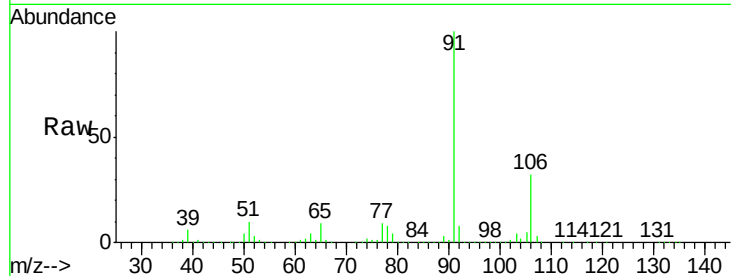




#67
Ethyl Benzene
Concen: 53.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

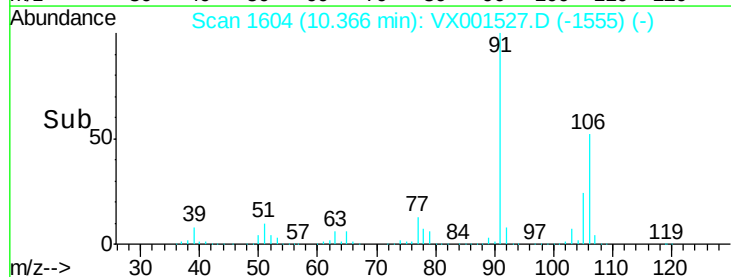
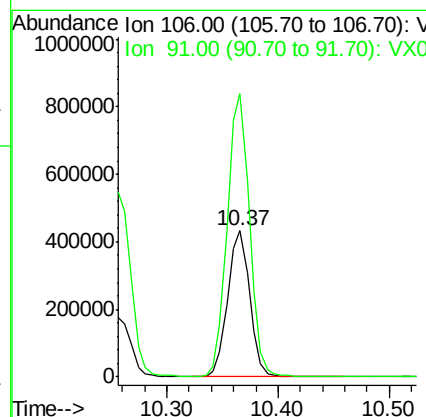
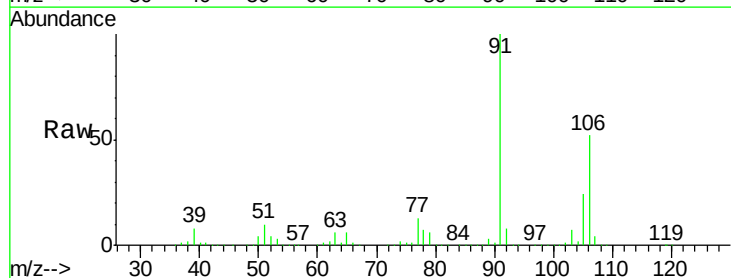
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

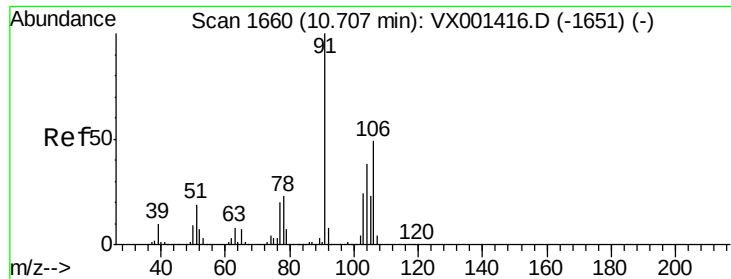
Tgt Ion: 91 Resp: 737700
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 108.71 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 106 Resp: 593614
Ion Ratio Lower Upper
106 100
91 196.2 157.5 236.3

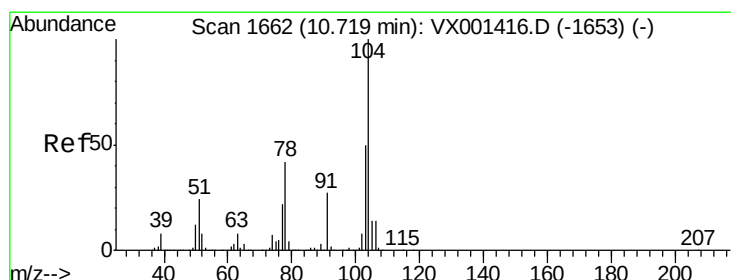
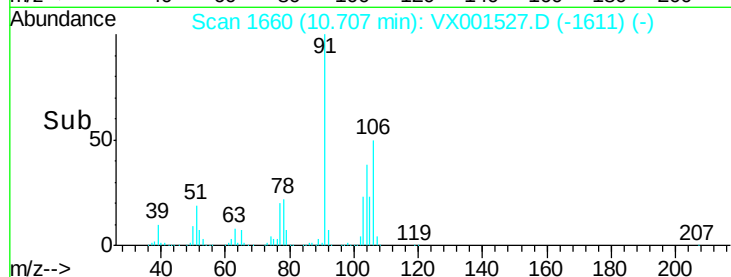
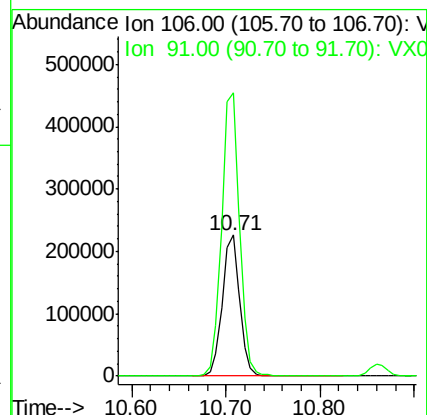
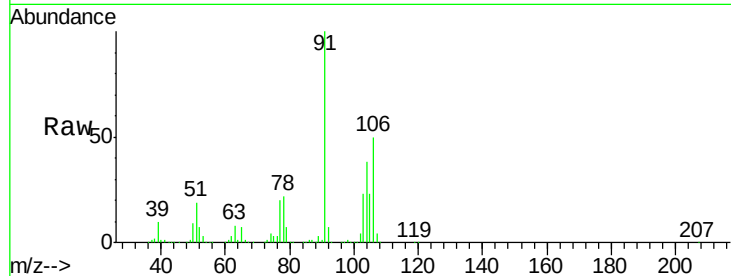




#69
o-Xylene
Concen: 54.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

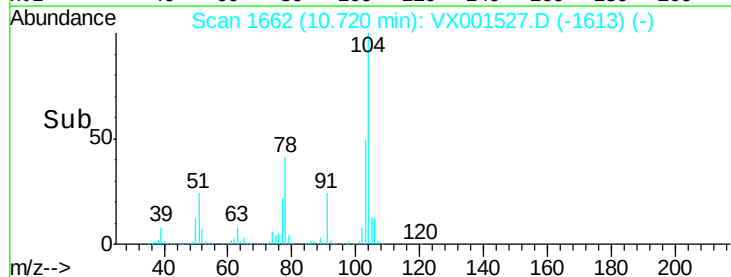
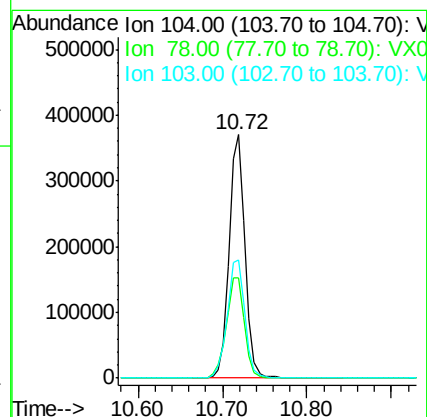
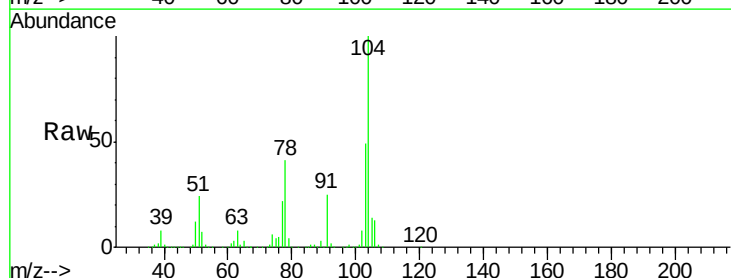
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

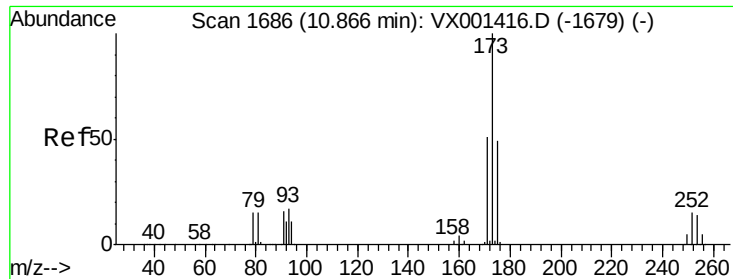
Tgt Ion:106 Resp: 291158
Ion Ratio Lower Upper
106 100
91 206.3 103.1 309.1



#70
Styrene
Concen: 55.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion:104 Resp: 482561
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 54.5 44.0 66.0





#71

Bromoform

Concen: 48.63 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

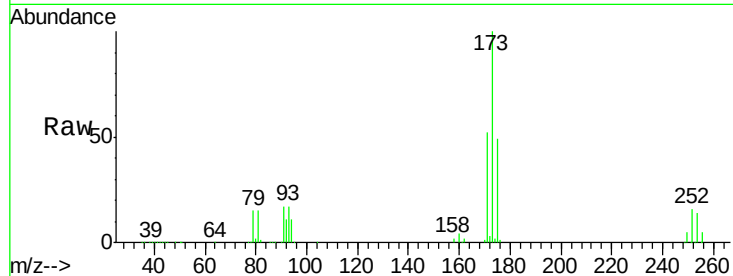
Tgt Ion:173 Resp: 140750

Ion Ratio Lower Upper

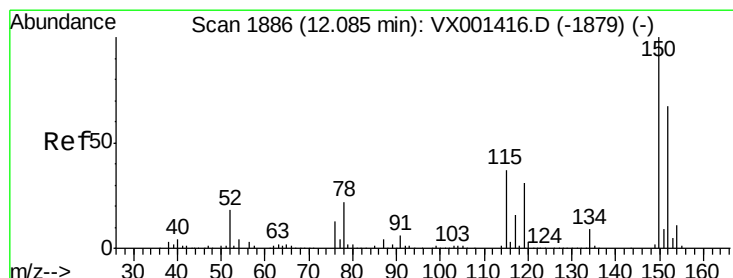
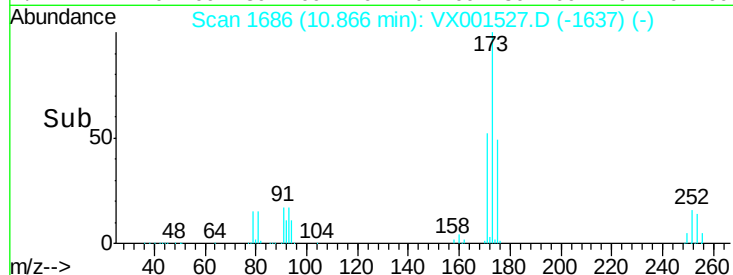
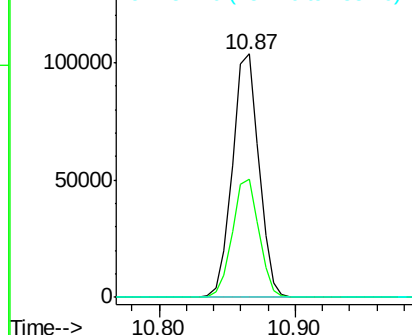
173 100

175 48.9 24.5 73.5

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

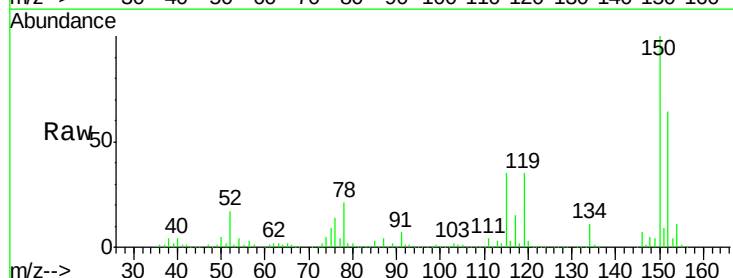
Tgt Ion:152 Resp: 211883

Ion Ratio Lower Upper

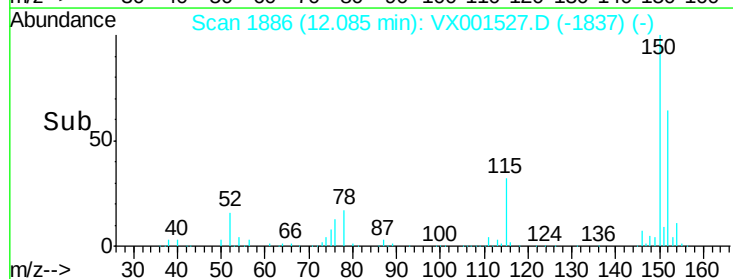
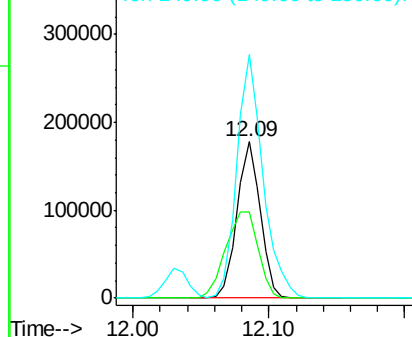
152 100

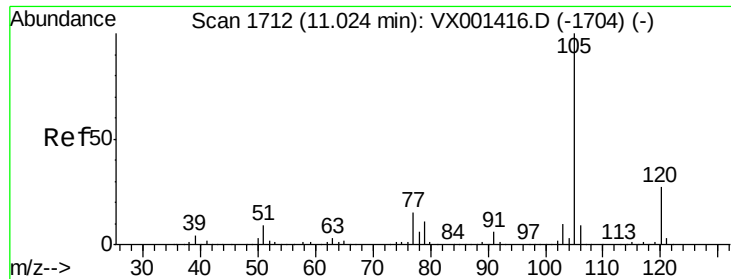
115 76.8 37.7 113.1

150 175.0 0.0 349.4



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

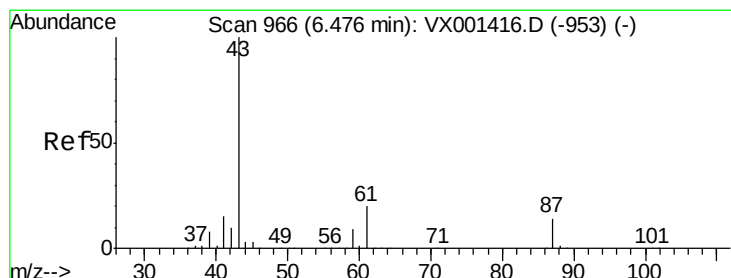
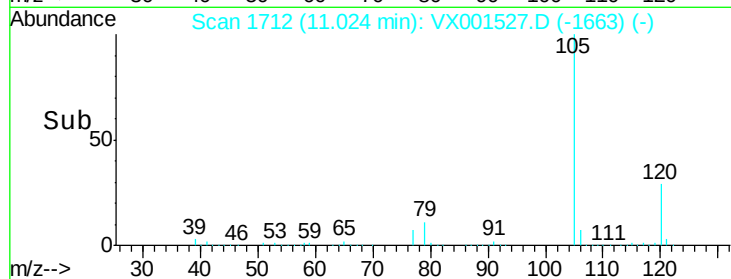
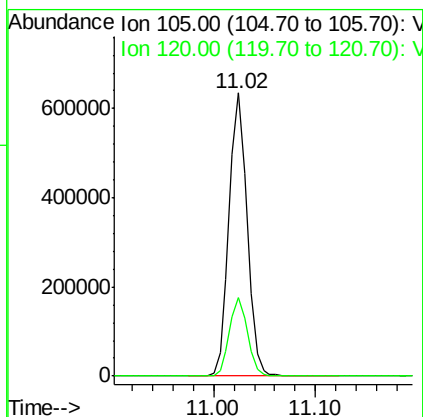
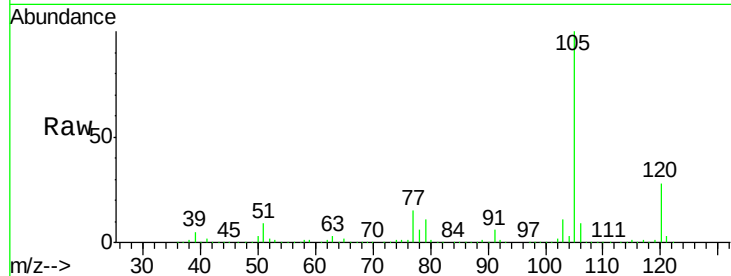




#73
Isopropylbenzene
Concen: 53.03 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

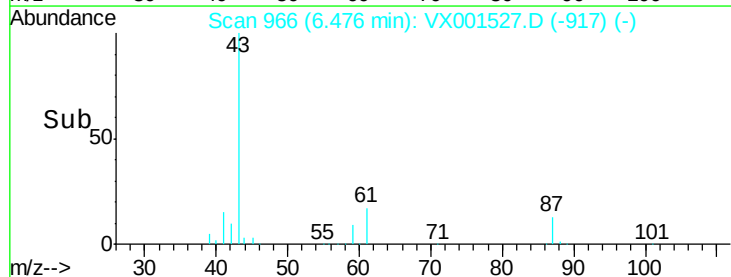
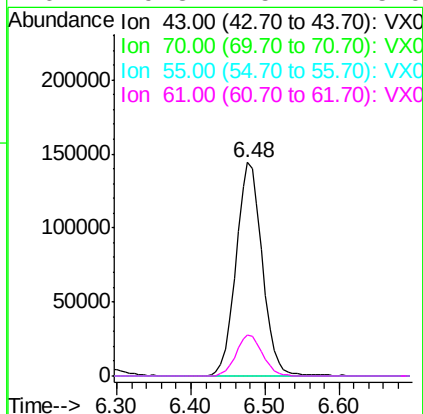
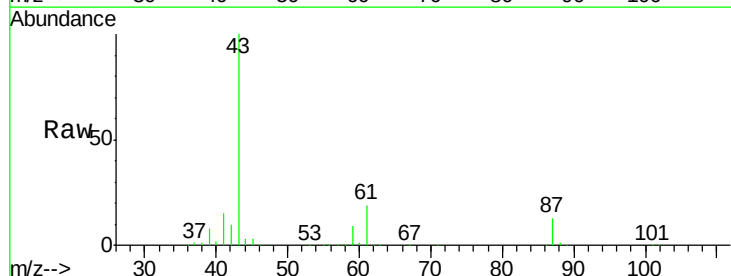
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

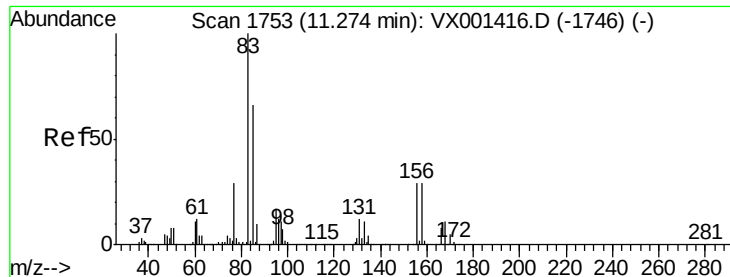
Tgt Ion: 105 Resp: 777915
Ion Ratio Lower Upper
105 100
120 27.7 13.6 40.8



#74
N-ethyl acetate
Concen: 53.15 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 43 Resp: 354088
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: 52.65 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

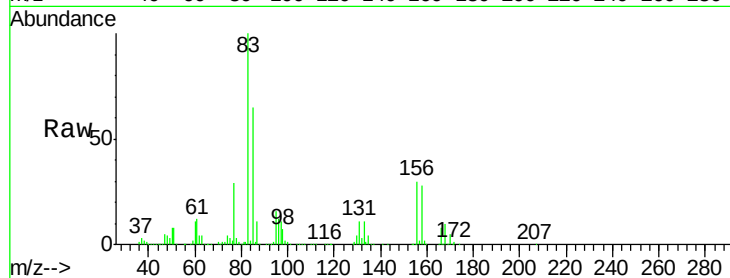
Tgt Ion: 83 Resp: 228071

Ion Ratio Lower Upper

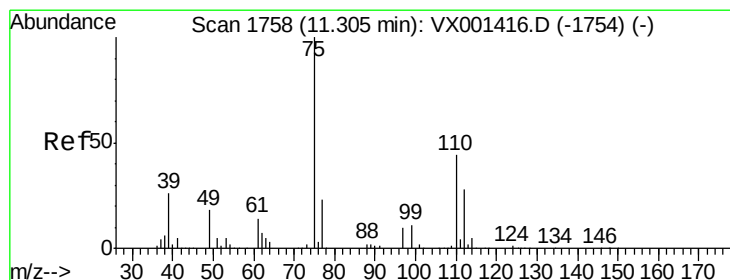
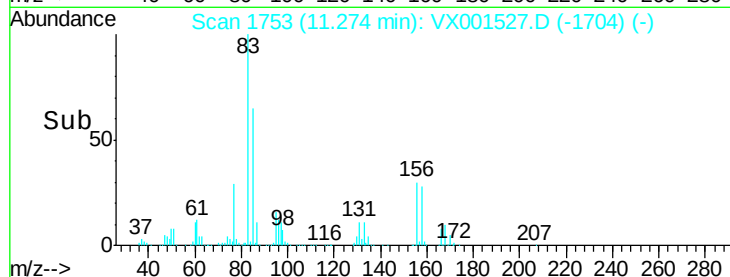
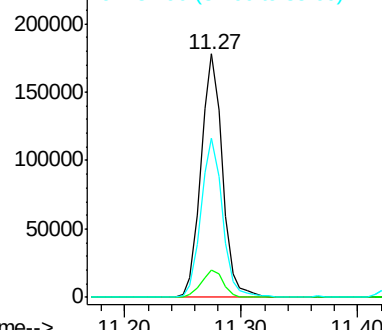
83 100

131 11.6 5.8 17.4

85 65.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): VX
Ion 84.90 (84.60 to 85.60): VX



#76

1,2,3-Trichloropropane

Concen: 63.58 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001527.D

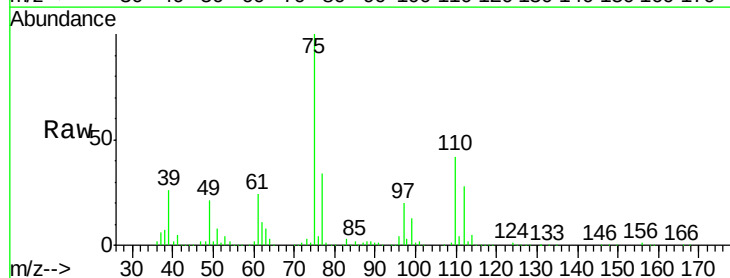
Acq: 08 May 2018 21:08

Tgt Ion: 75 Resp: 273208

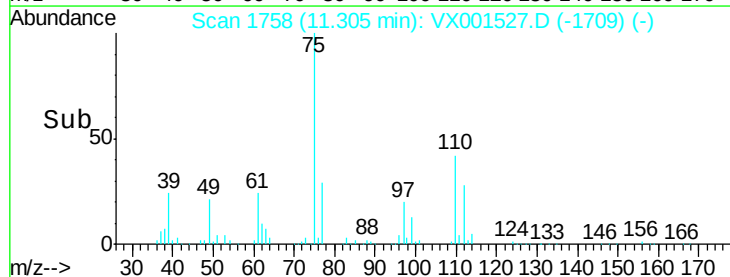
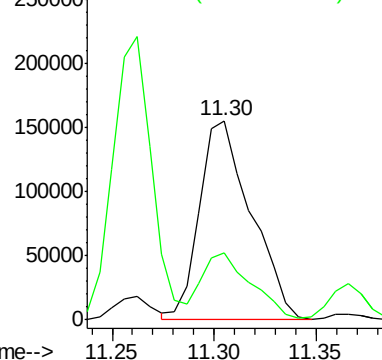
Ion Ratio Lower Upper

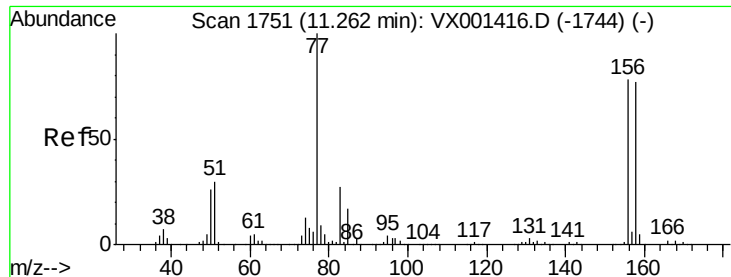
75 100

77 31.9 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: 51.43 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

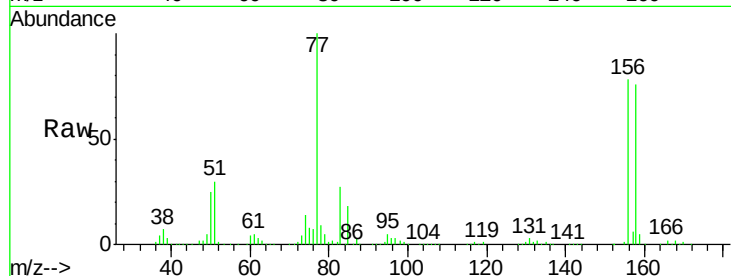
Tgt Ion:156 Resp: 219326

Ion Ratio Lower Upper

156 100

77 133.5 66.0 198.2

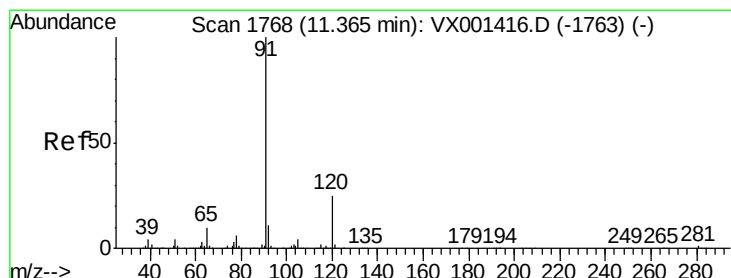
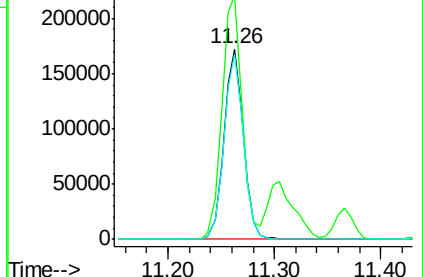
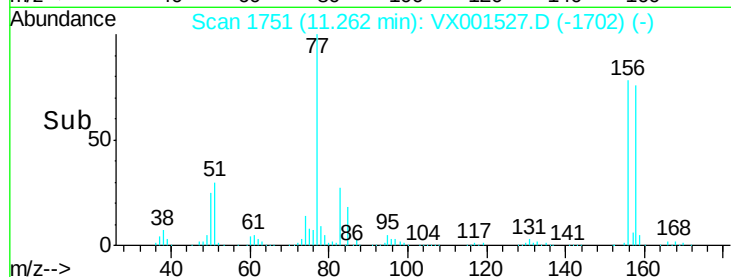
158 97.2 49.4 148.2



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: 53.77 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001527.D

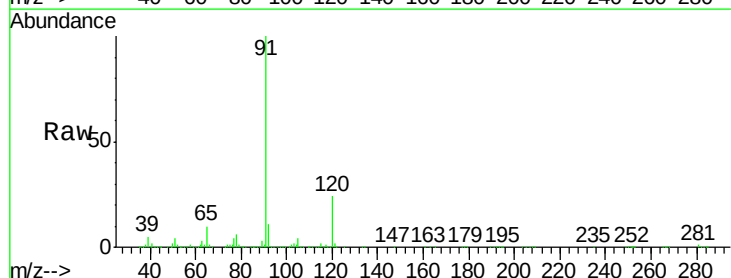
Acq: 08 May 2018 21:08

Tgt Ion: 91 Resp: 858866

Ion Ratio Lower Upper

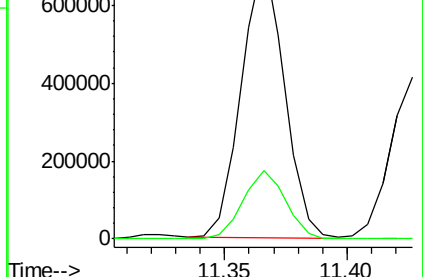
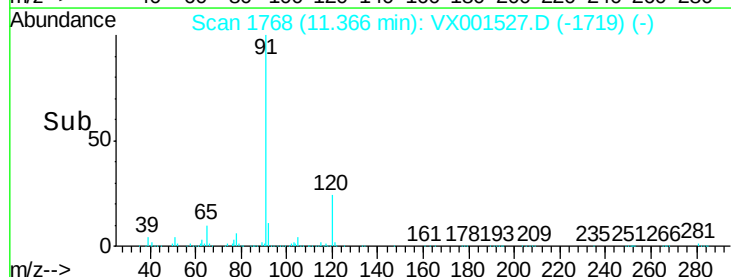
91 100

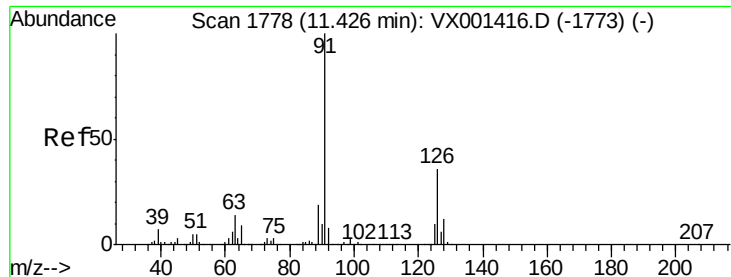
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

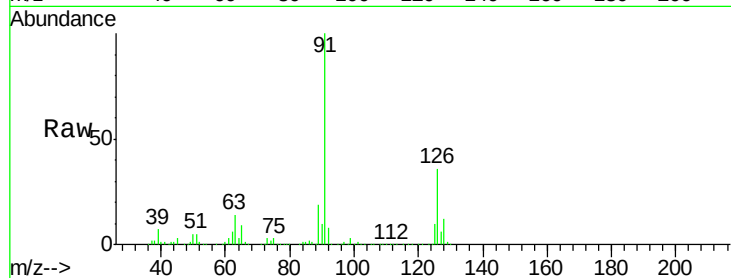
VSTDCCC050EC

Tgt Ion: 91 Resp: 513938

Ion Ratio Lower Upper

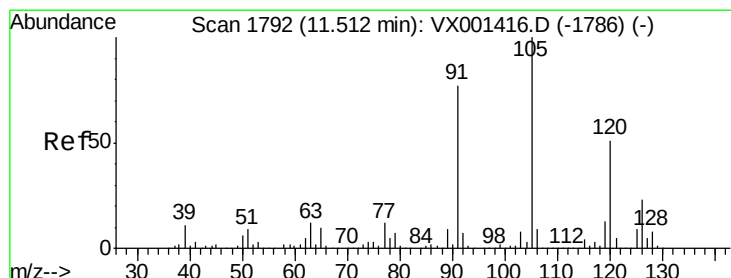
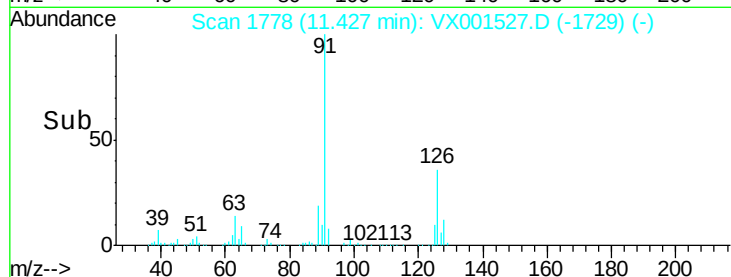
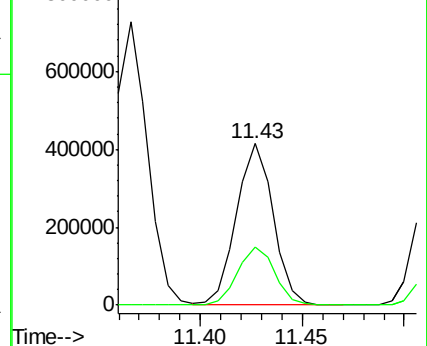
91 100

126 36.7 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001527.D

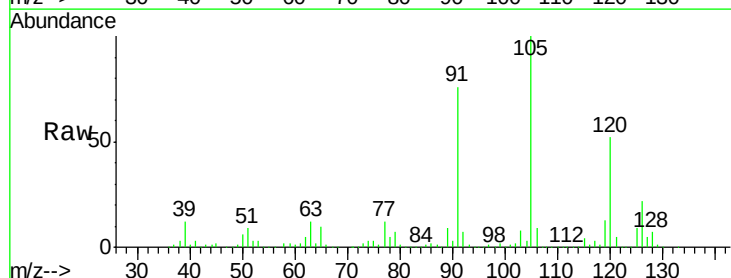
Acq: 08 May 2018 21:08

Tgt Ion: 105 Resp: 650755

Ion Ratio Lower Upper

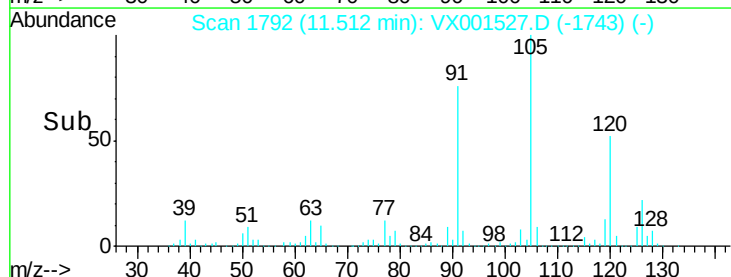
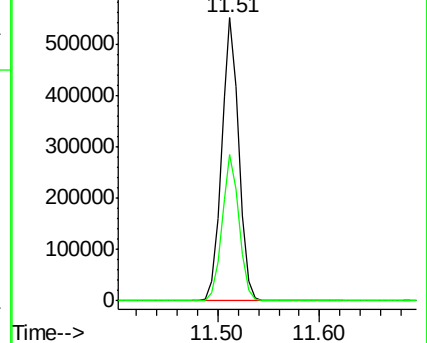
105 100

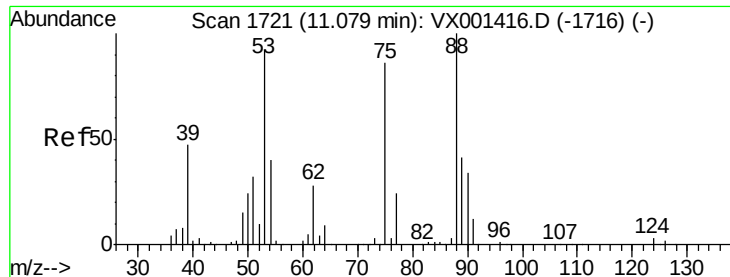
120 51.2 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.75 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

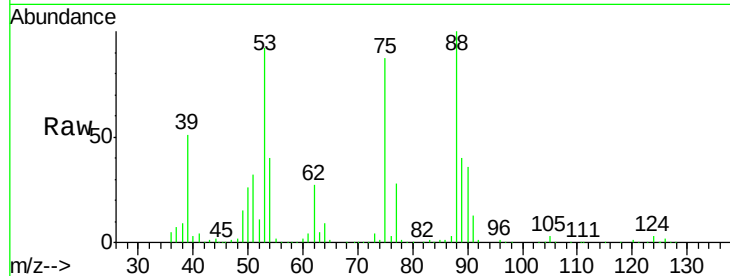
Tgt Ion: 75 Resp: 61117

Ion Ratio Lower Upper

75 100

53 106.1 84.5 126.7

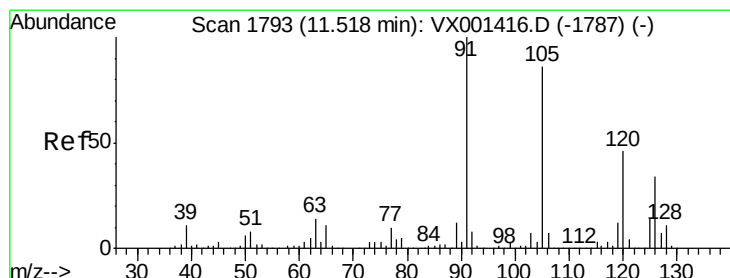
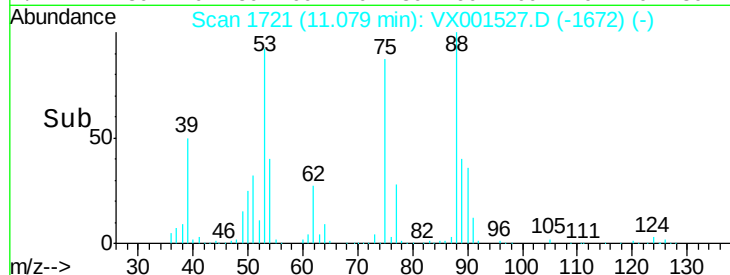
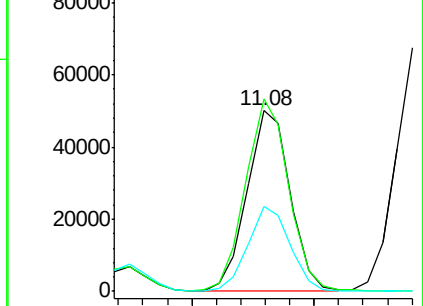
89 46.3 39.5 59.3



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: 52.98 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001527.D

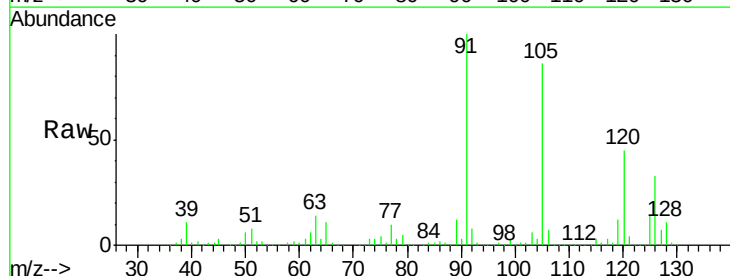
Acq: 08 May 2018 21:08

Tgt Ion: 91 Resp: 600705

Ion Ratio Lower Upper

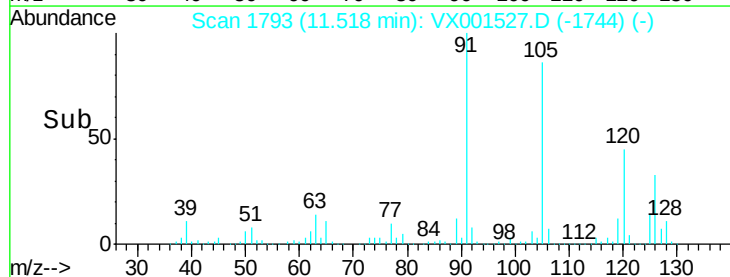
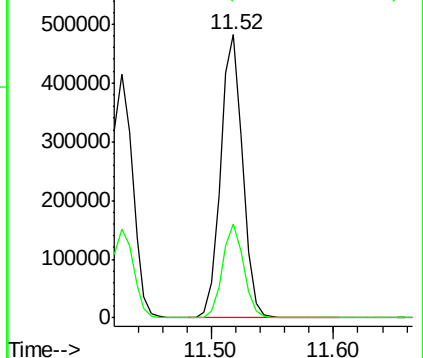
91 100

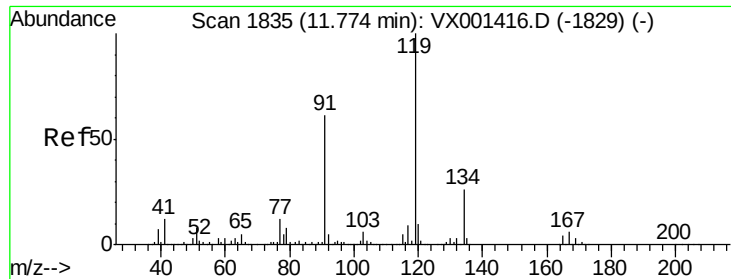
126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

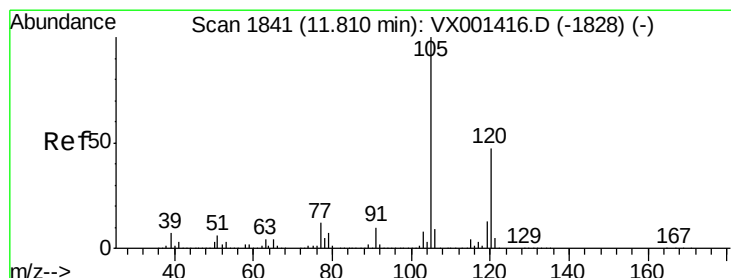
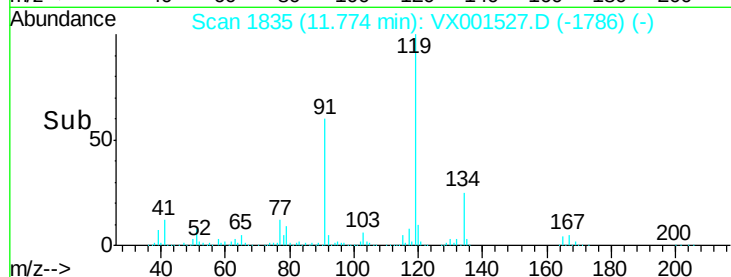
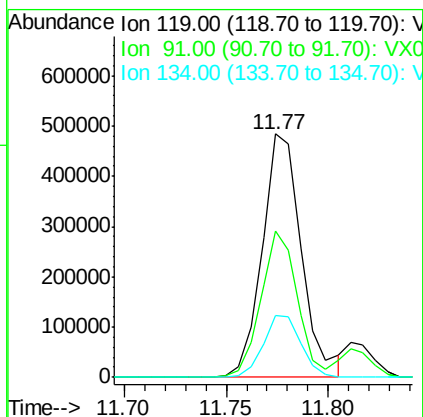
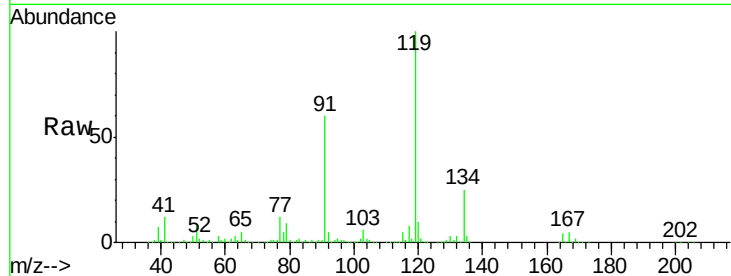




#83
 tert-Butylbenzene
 Concen: 53.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

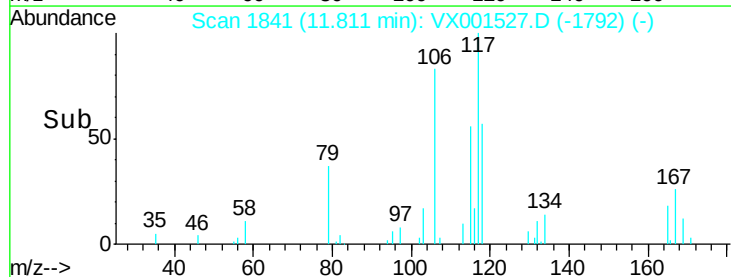
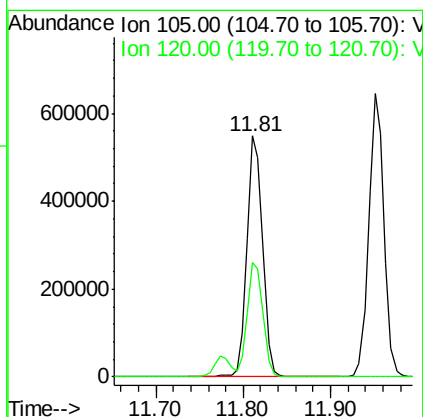
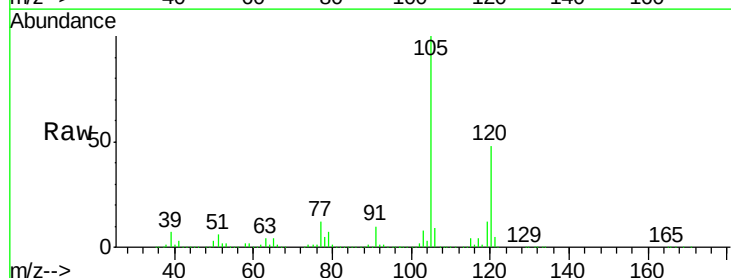
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

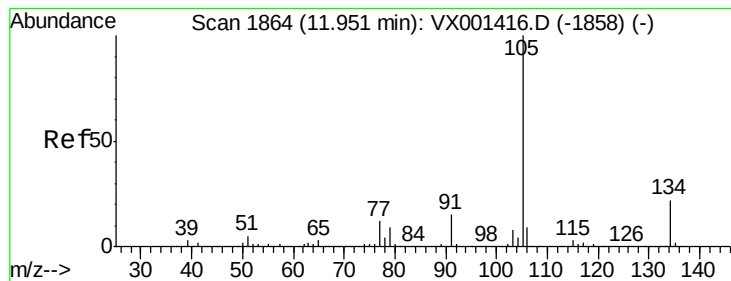
Tgt Ion:119 Resp: 650078
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.3
 134 24.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion:105 Resp: 674375
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 54.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

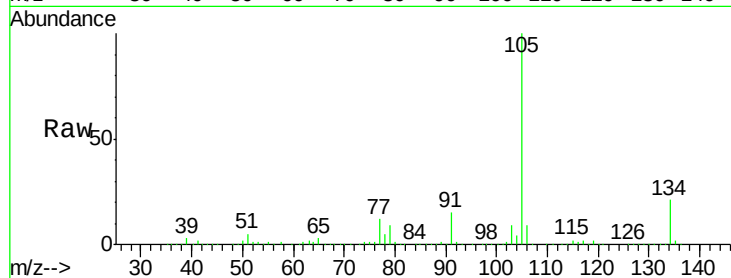
VSTDCCC050EC

Tgt Ion:105 Resp: 787692

Ion Ratio Lower Upper

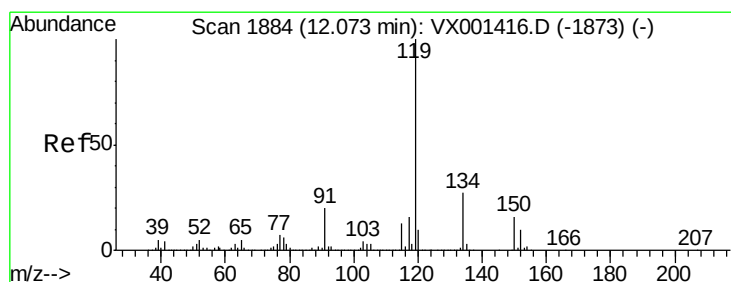
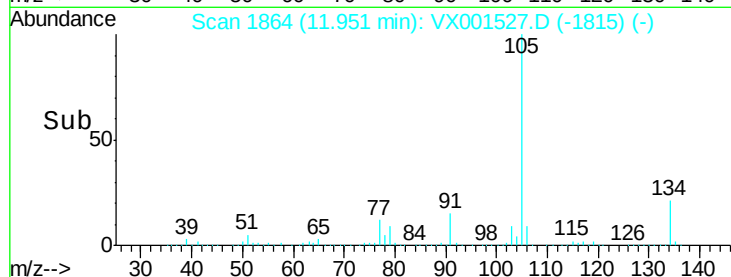
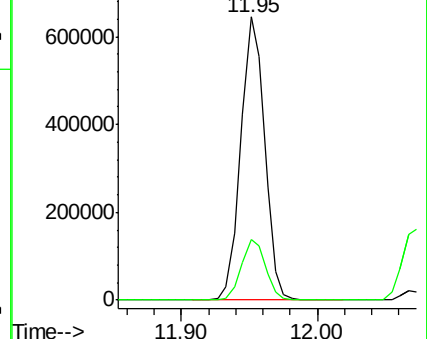
105 100

134 21.6 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: 54.08 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

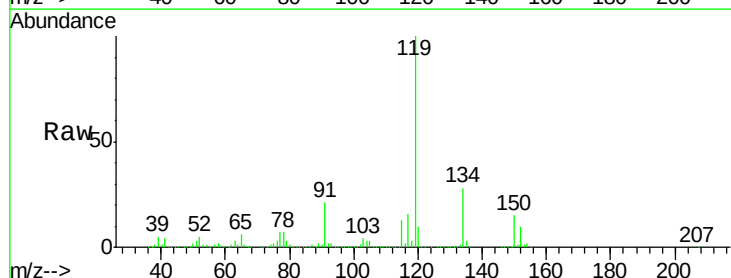
Tgt Ion:119 Resp: 723567

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

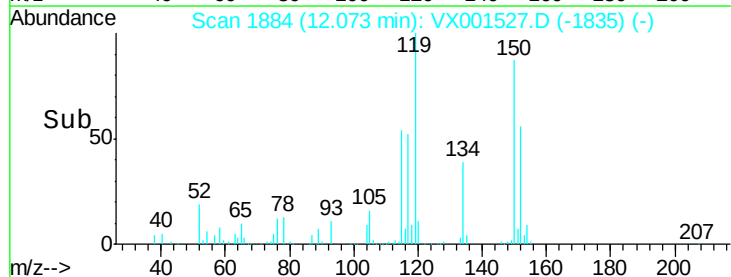
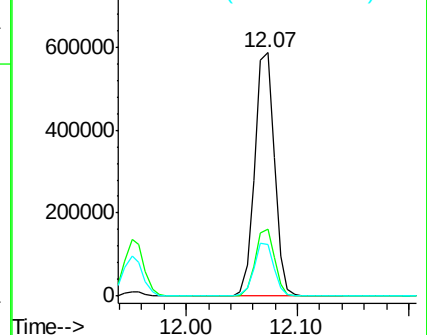
91 21.6 10.8 32.3

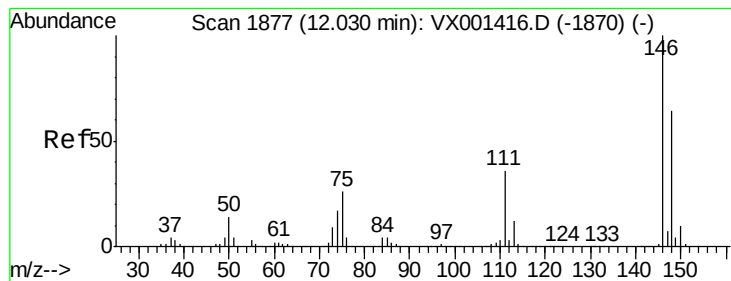


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.67 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

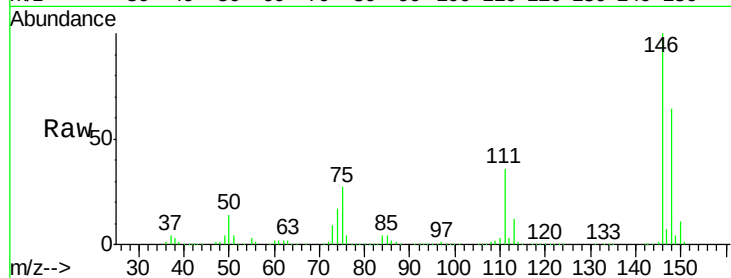
Tgt Ion:146 Resp: 393858

Ion Ratio Lower Upper

146 100

111 36.0 18.1 54.1

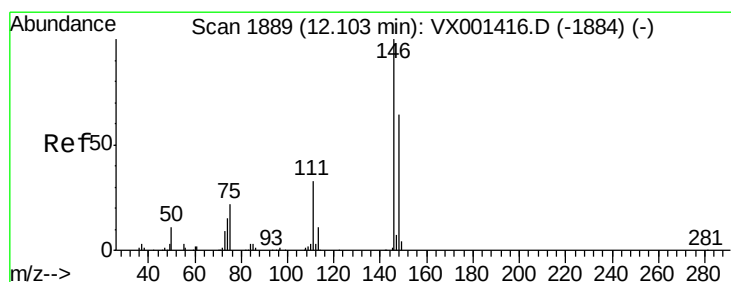
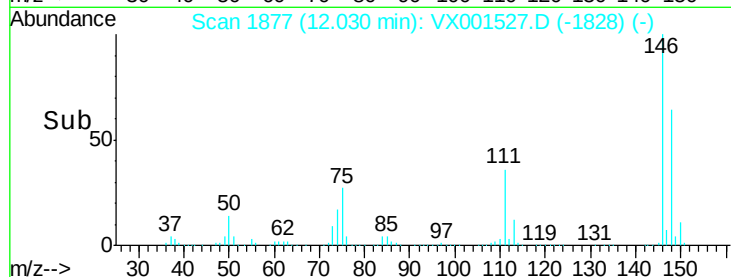
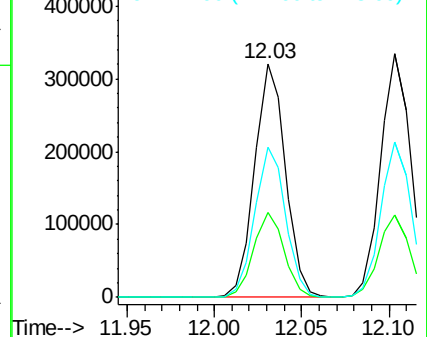
148 64.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.62 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

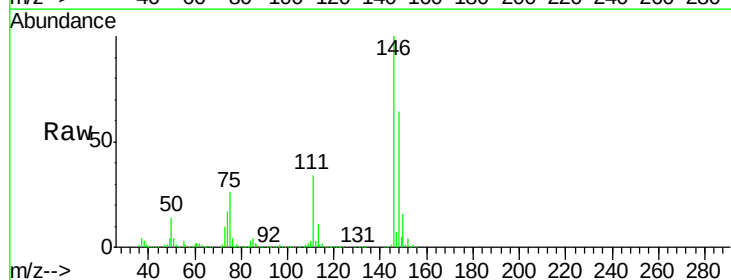
Tgt Ion:146 Resp: 401383

Ion Ratio Lower Upper

146 100

111 34.8 17.4 52.3

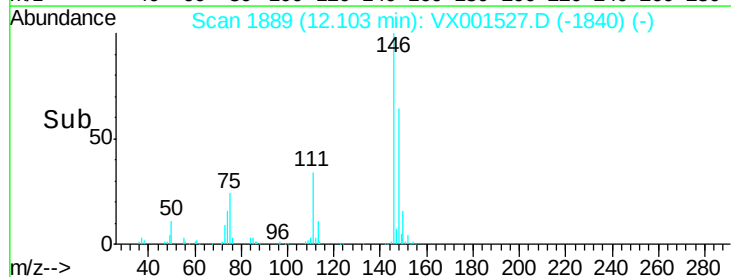
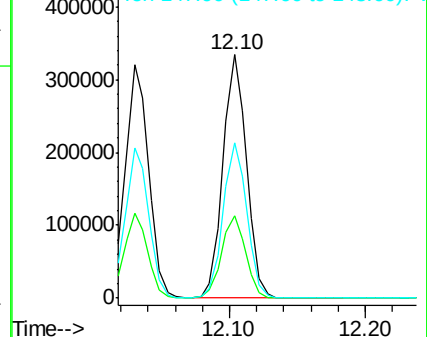
148 64.3 32.2 96.6

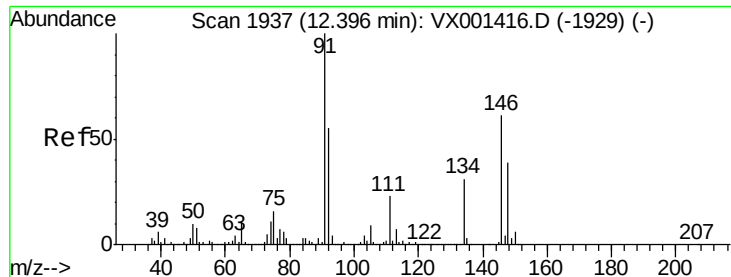


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

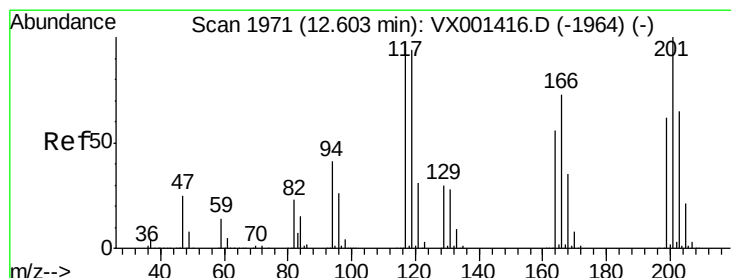
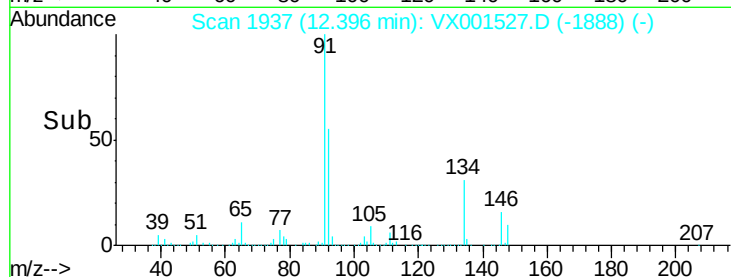
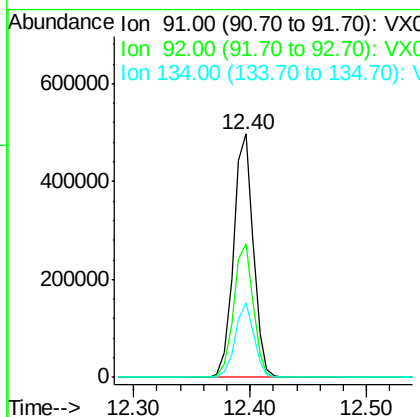
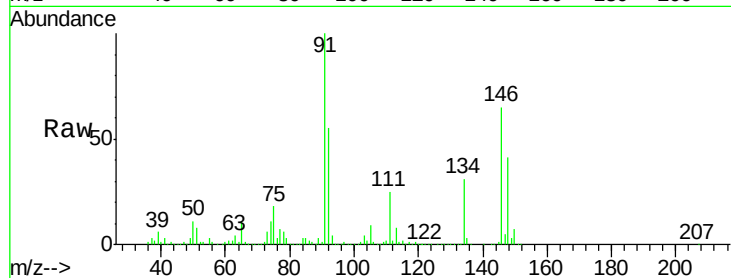




#89
n-Butylbenzene
Concen: 52.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

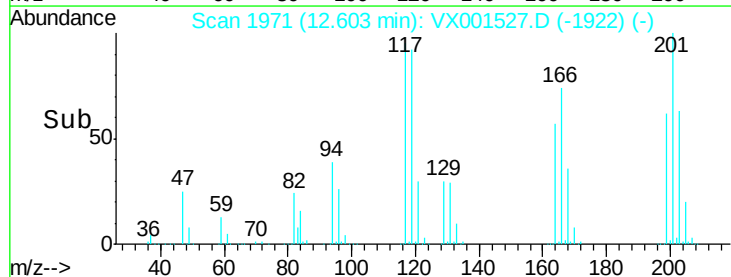
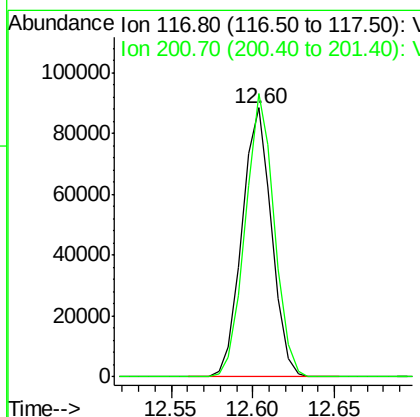
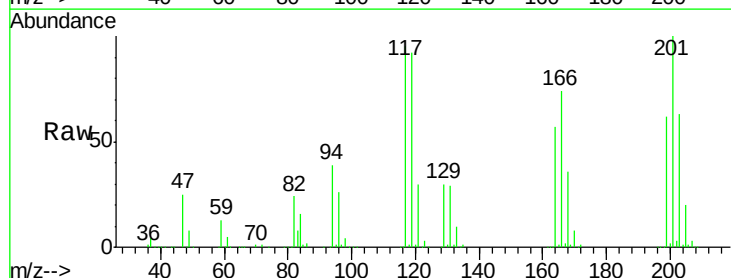
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

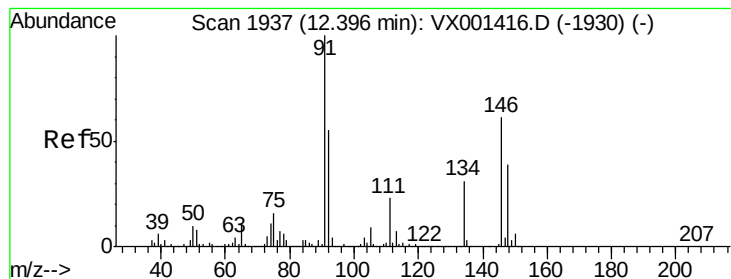
Tgt Ion: 91 Resp: 584856
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 29.3 14.6 44.0



#90
Hexachloroethane
Concen: 55.48 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion: 117 Resp: 111779
Ion Ratio Lower Upper
117 100
201 103.1 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 52.17 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

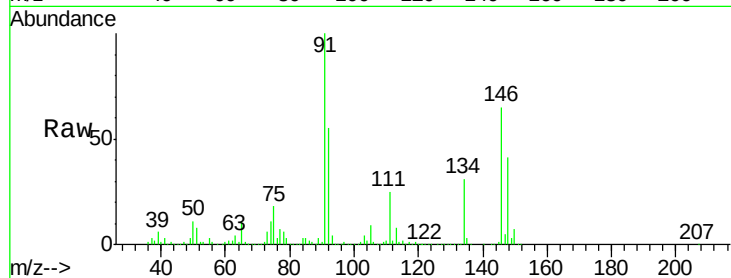
Tgt Ion:146 Resp: 404612

Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

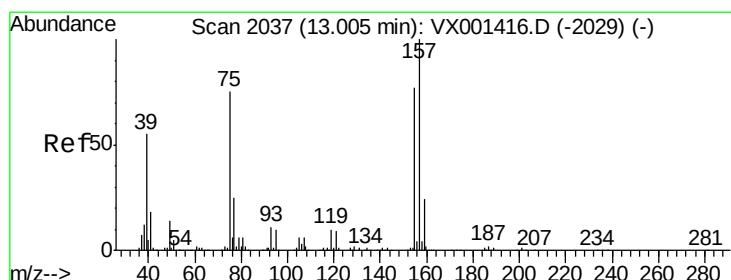
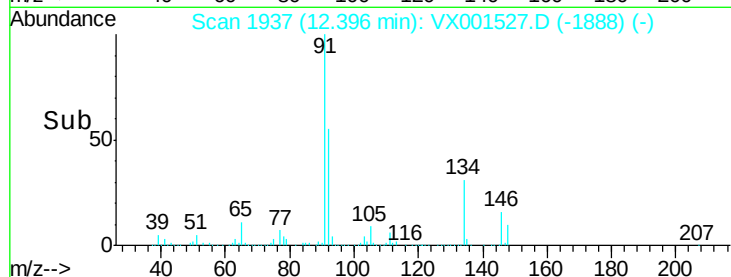
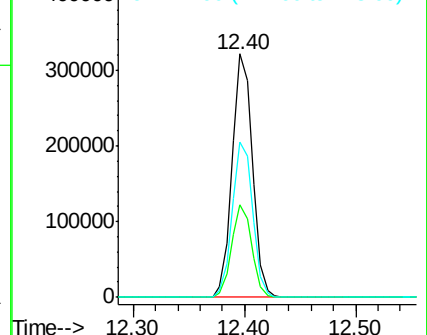
148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.92 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001527.D

Acq: 08 May 2018 21:08

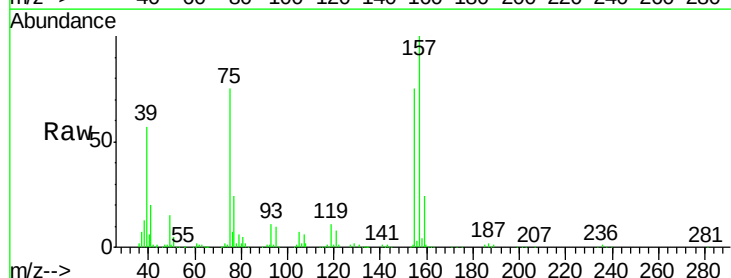
Tgt Ion: 75 Resp: 55130

Ion Ratio Lower Upper

75 100

155 105.2 53.4 160.2

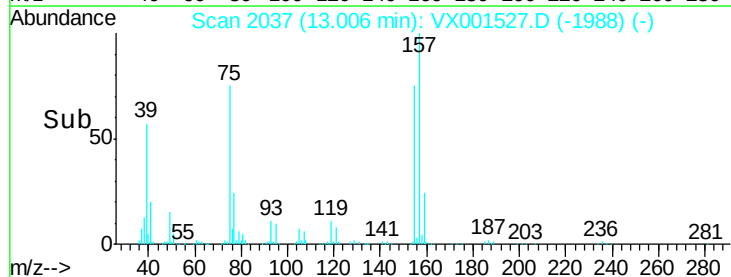
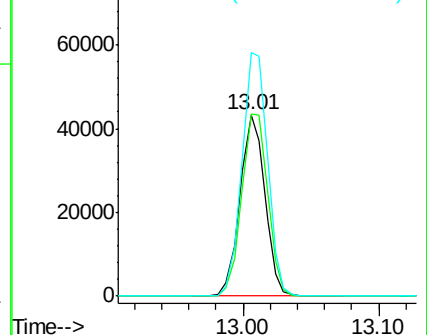
157 137.8 68.3 204.8

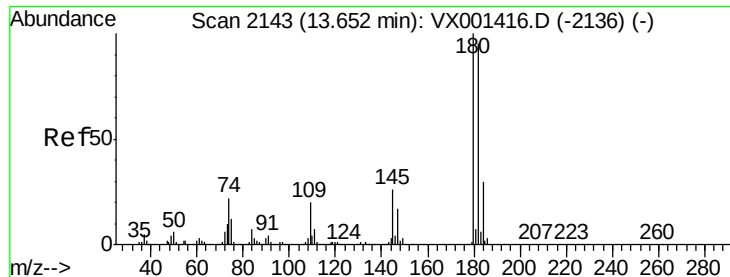


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

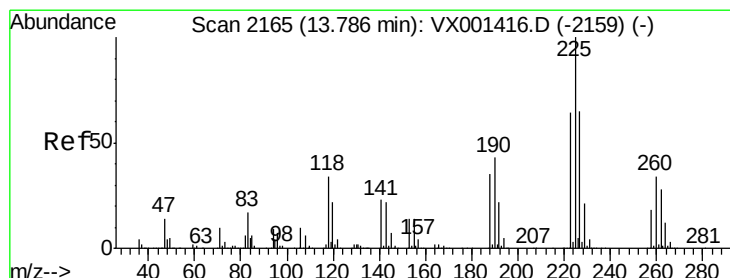
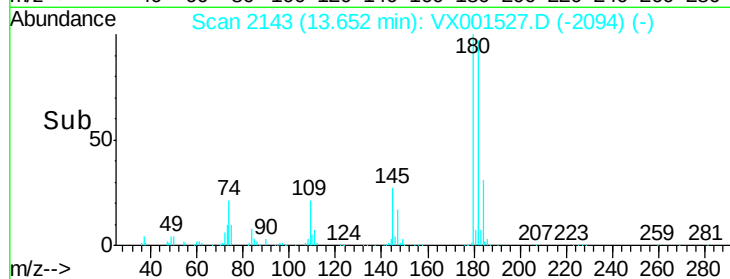
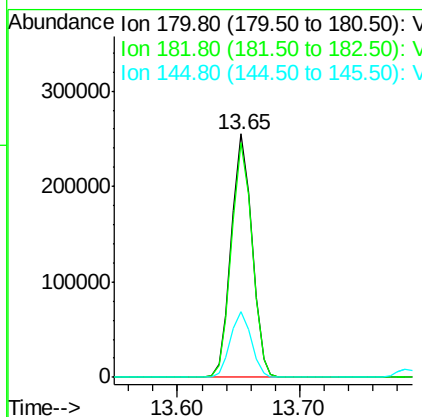
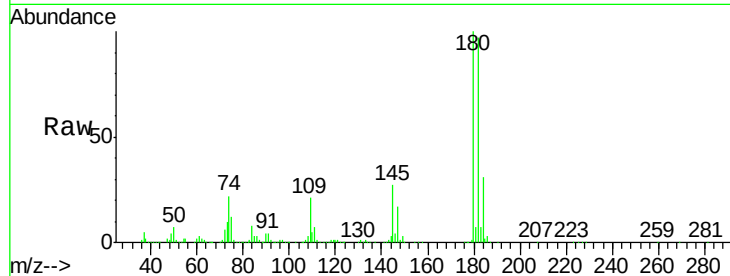




#93
 1,2,4-Trichlorobenzene
 Concen: 52.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

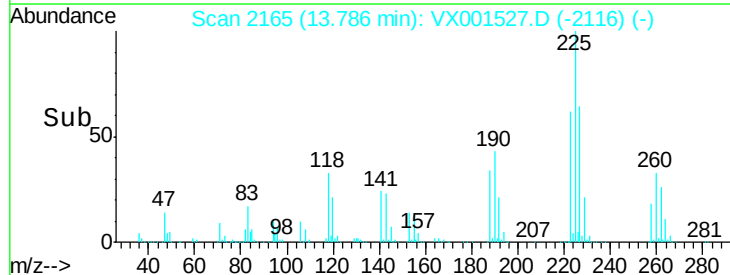
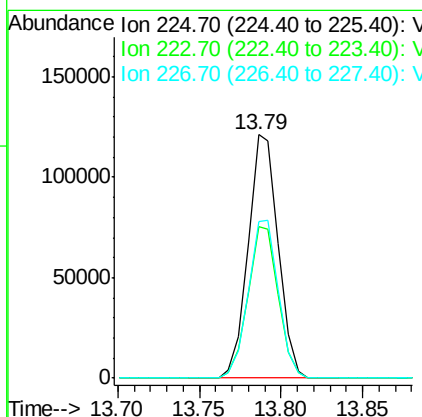
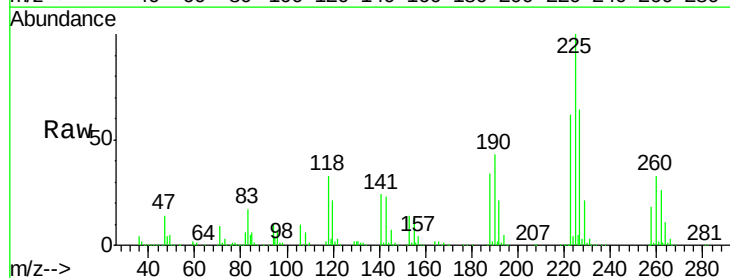
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

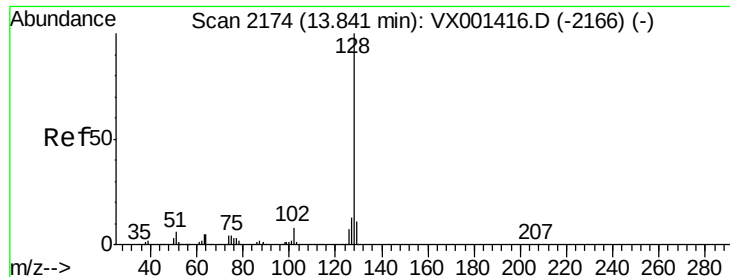
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	27.3	13.3	39.9



#94
 Hexachlorobutadiene
 Concen: 50.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001527.D
 Acq: 08 May 2018 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.9
227	65.0	32.4	97.2

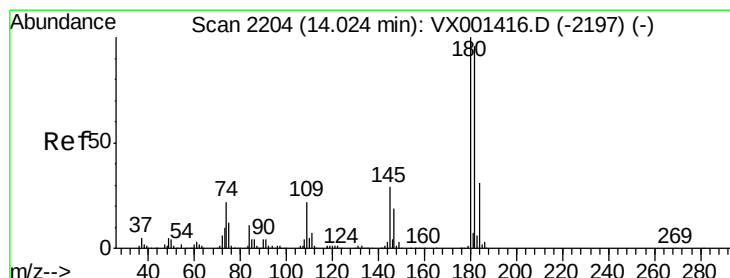
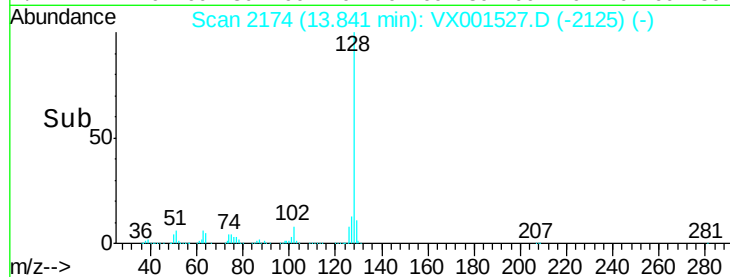
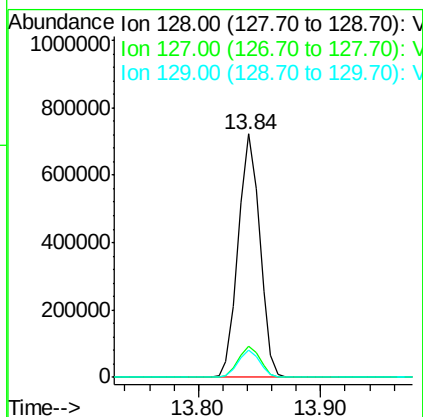
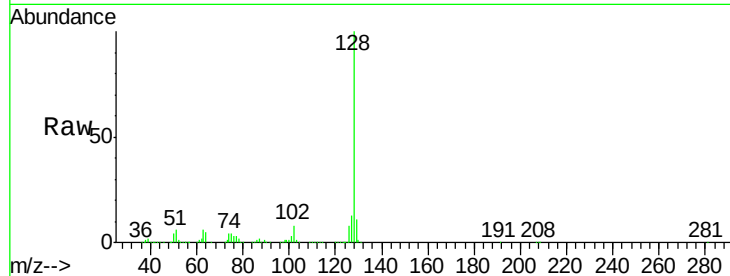




#95
Naphthalene
Concen: 55.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 878441
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.99 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001527.D
Acq: 08 May 2018 21:08

Tgt Ion:180 Resp: 314388
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 28.4 14.1 42.4

