

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003913.D
 Acq On : 08 Aug 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 08 08:42:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	70678	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	390299	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	357824	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	147353	28.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.67%
60) 4-Bromofluorobenzene	11.14	95	170773	29.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.80%
63) Toluene-d8	8.72	98	477577	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	98575	26.40	ug/l	100
3) Chloromethane	1.32	50	98593	19.62	ug/l	98
4) Vinyl Chloride	1.40	62	105547	19.97	ug/l	100
5) Bromomethane	1.64	94	60030	19.01	ug/l	99
6) Chloroethane	1.73	64	69125	19.99	ug/l	97
7) Trichlorofluoromethane	1.93	101	136240	19.17	ug/l	100
8) Diethyl Ether	2.19	74	59951	19.68	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80921	18.78	ug/l	93
10) 1,1-Dichloroethene	2.37	96	78487	19.37	ug/l	91
11) Methyl Iodide	2.51	142	97371	17.34	ug/l	91
13) Acrolein	2.29	56	63120	107.94	ug/l	98
14) Acrylonitrile	3.15	53	255820	86.59	ug/l	99
15) Acetone	2.45	58	72702	90.69	ug/l	79
16) Carbon Disulfide	2.57	76	202854	18.03	ug/l	100
17) Allvl chloride	2.73	41	136690	16.30	ug/l	92
18) Methylene Chloride	2.85	84	91497	19.06	ug/l	95
19) trans-1,2-Dichloroethene	3.16	96	83925	19.16	ug/l	96
20) Diisopropyl ether	3.87	45	267191	17.35	ug/l	97
21) 1,1-Dichloroethane	3.70	63	152972	17.55	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	93209	21.07	ug/l #	67
23) tert-Butyl Alcohol	3.07	59	114900	92.59	ug/l #	100
25) Chloroform	5.21	83	152510	20.20	ug/l	96
26) Cyclohexane	5.58	56	129494	19.77	ug/l #	89
29) 1,1-Dichloropropene	5.80	75	112965	19.60	ug/l	99
30) 2-Butanone	4.71	43	322039	87.50	ug/l #	92
31) 2,2-Dichloropropane	4.59	77	54342	9.73	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	127071	19.27	ug/l	99
33) Carbon Tetrachloride	5.79	117	108704	18.97	ug/l	97
34) Benzene	6.14	78	351299	19.84	ug/l	98
35) Methacrylonitrile	5.06	41	68506	17.91	ug/l	90
36) 1,2-Dichloroethane	6.20	62	120152	18.88	ug/l #	94
37) Trichloroethene	7.21	130	92899	20.13	ug/l	88
38) Methylcyclohexane	7.46	83	123510	18.86	ug/l	95
39) 1,2-Dichloropropane	7.52	63	88448	18.90	ug/l	98
40) Dibromomethane	7.67	93	56606	18.69	ug/l	95
41) Bromodichloromethane	7.90	83	105701	18.27	ug/l	97
42) Vinyl Acetate	3.82	43	1030525	72.87	ug/l	95

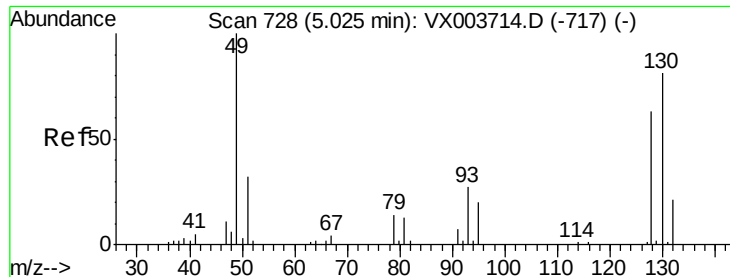
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003913.D
 Acq On : 08 Aug 2018 07:10
 Operator : JC/MD
 Sample : VSTDCCC020EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Aug 08 08:42:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.86	43	116933	17.01	ug/l	99
44) Isopropyl Acetate	6.46	43	184285	17.48	ug/l	93
45) 1,4-Dioxane	7.76	88	46761	399.29	ug/l #	82
46) Methyl methacrylate	7.78	41	97322	17.89	ug/l	89
47) n-amyl Acetate	10.90	43	158518	15.92	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	117810	16.78	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	106417	16.16	ug/l #	90
50) 1,1,2-Trichloroethane	9.22	97	89564	18.63	ug/l	97
51) Ethyl methacrylate	9.18	69	124745	17.23	ug/l	84
52) 1,3-Dichloropropane	9.37	76	150822	18.85	ug/l	99
53) Dibromochloromethane	9.59	129	84731	17.94	ug/l	100
54) 1,2-Dibromoethane	9.68	107	91646	18.23	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	328703	88.04	ug/l	97
56) Bromoform	10.86	173	63168	17.24	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	627616	92.89	ug/l #	90
59) 2-Hexanone	9.50	43	476411	88.56	ug/l	90
61) Tetrachloroethene	9.34	164	93695	22.50	ug/l	98
62) Toluene	8.79	91	378493	20.38	ug/l	99
64) Chlorobenzene	10.14	112	243210	20.26	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	84173	19.82	ug/l	98
66) Ethyl Benzene	10.26	91	406108	19.87	ug/l	99
67) m/p-Xylenes	10.36	106	322110	40.92	ug/l	96
68) o-Xylene	10.70	106	154494	20.51	ug/l	94
69) Styrene	10.71	104	250919	19.68	ug/l	97
70) Isopropylbenzene	11.02	105	414278	19.98	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	136353	18.42	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	144261	23.43	ug/l	94
73) Bromobenzene	11.26	156	108038	19.33	ug/l	98
74) n-propylbenzene	11.36	91	463391	18.97	ug/l	100
75) 2-Chlorotoluene	11.42	91	283627	19.70	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	339099	19.27	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	28535	13.60	ug/l	97
78) 4-Chlorotoluene	11.51	91	326588	19.39	ug/l	100
79) tert-butylbenzene	12.07	119	351562	19.42	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	352555	19.58	ug/l	98
81) sec-Butylbenzene	11.95	105	394492	19.25	ug/l	100
82) p-Isopropyltoluene	12.07	119	351562	19.42	ug/l	97
83) 1,3-Dichlorobenzene	12.03	146	199397	19.54	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	201584	19.62	ug/l	99
85) n-Butylbenzene	12.39	91	255078	15.87	ug/l	100
86) Hexachloroethane	12.60	117	46921	16.09	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	174277	17.01	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23880	15.29	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	126014	17.52	ug/l	98
90) Hexachlorobutadiene	13.79	225	60936	18.69	ug/l	98
91) Naphthalene	13.83	128	431266	19.62	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	143438	19.58	ug/l	99

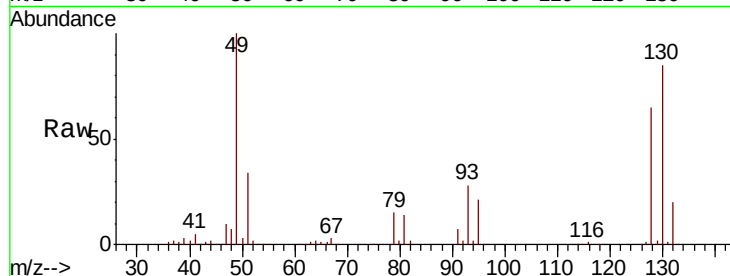
(#) = qualifier out of range (m) = manual integration (+) = signals summed



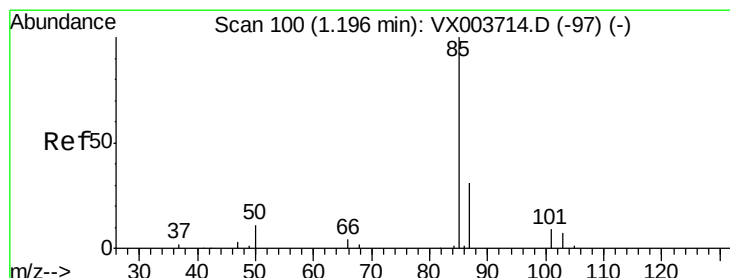
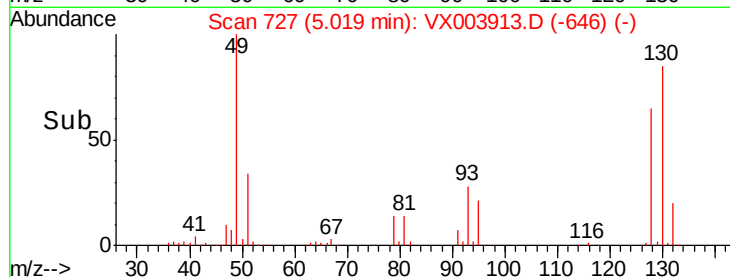
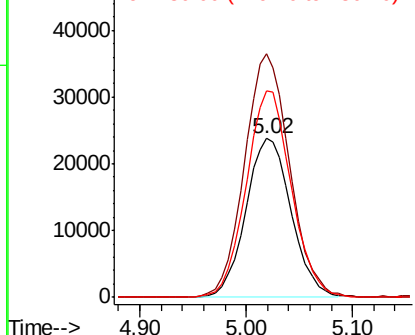
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 70678
 Ion Ratio Lower Upper
 128 100
 49 153.4 0.0 423.0
 130 129.5 0.0 324.3

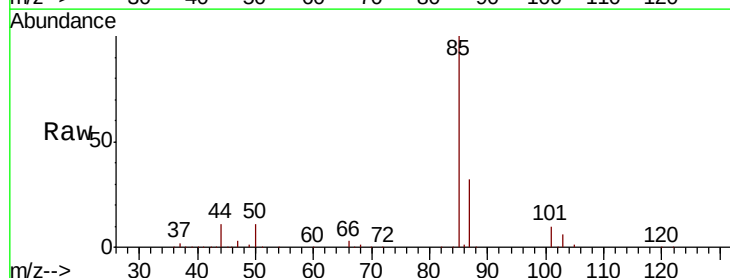


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V

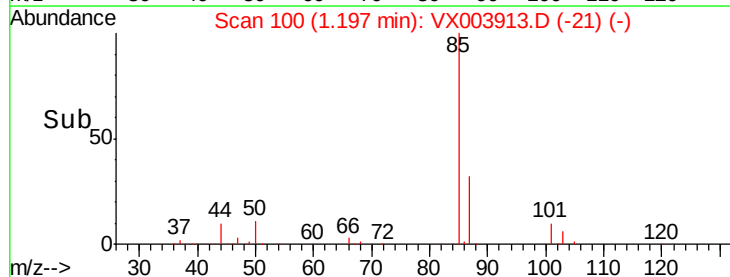
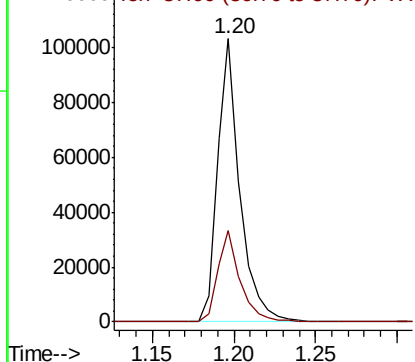


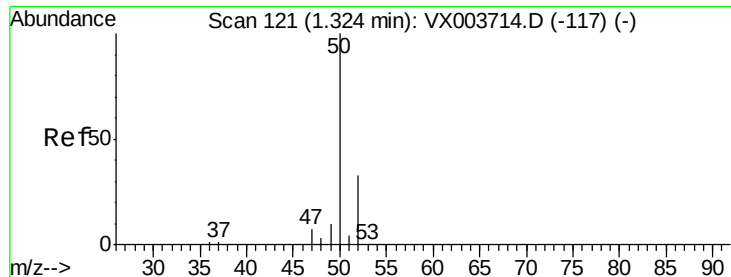
#2
 Dichlorodifluoromethane
 Concen: 26.40 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 85 Resp: 98575
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

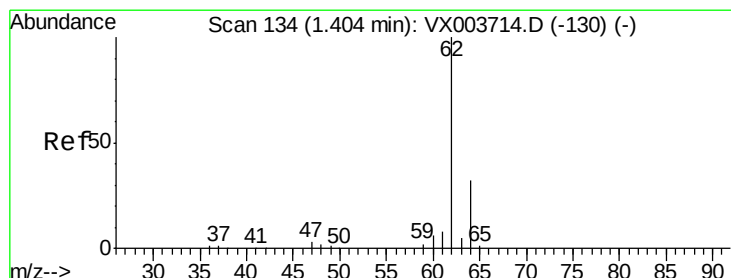
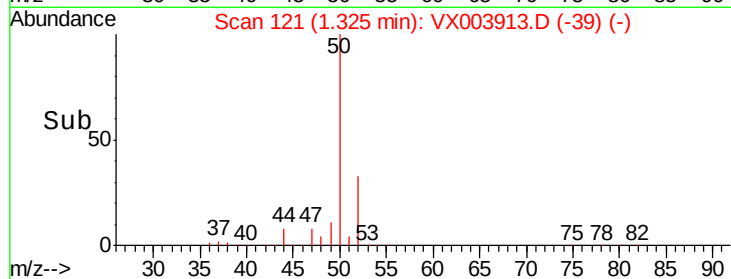
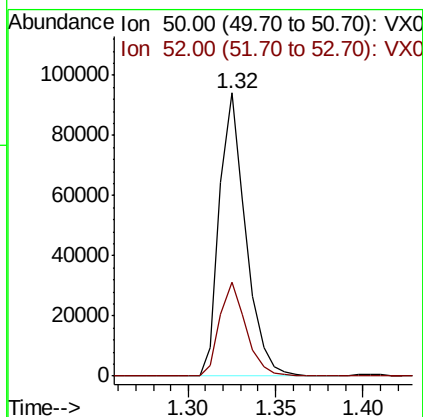
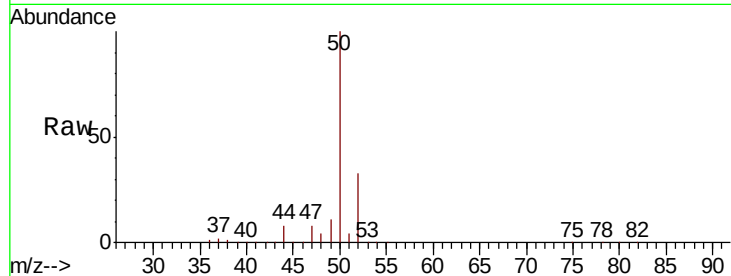




#3
Chloromethane
Concen: 19.62 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

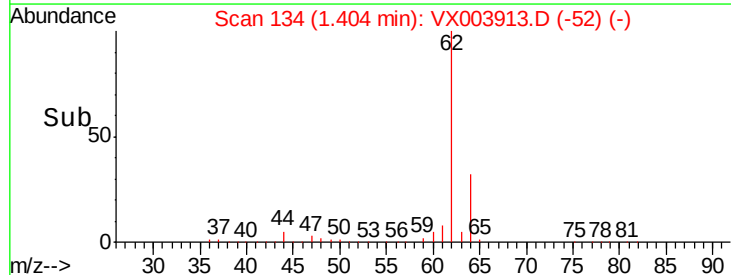
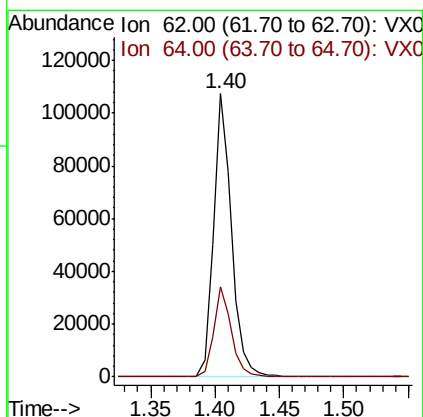
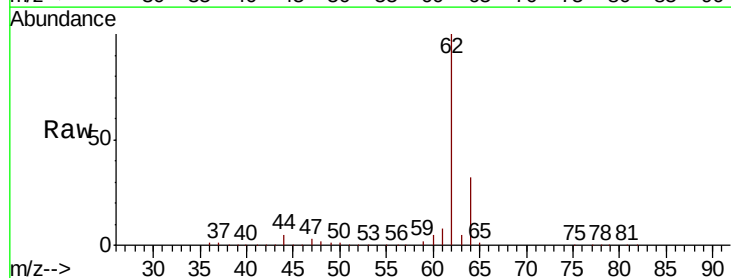
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

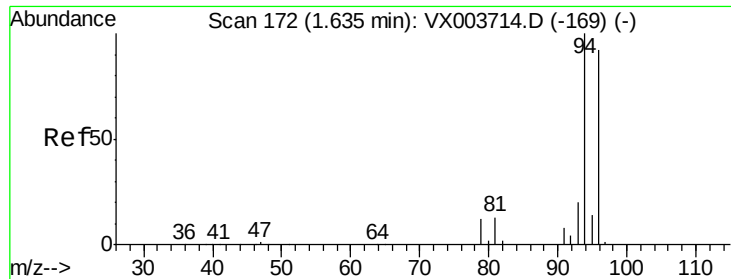
Tot Ion: 50 Resp: 98593
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 19.97 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 62 Resp: 105547
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5

Bromomethane

Concen: 19.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

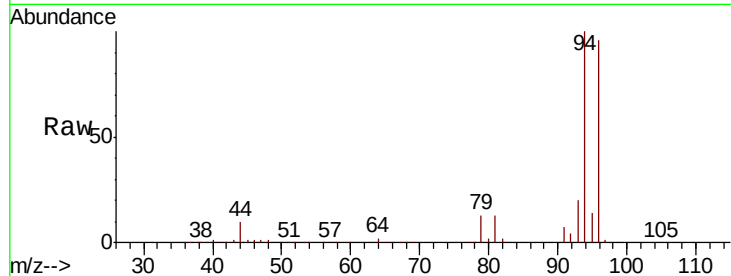
VSTDCCC020EC

Tot Ion: 94 Resp: 60030

Ion Ratio Lower Upper

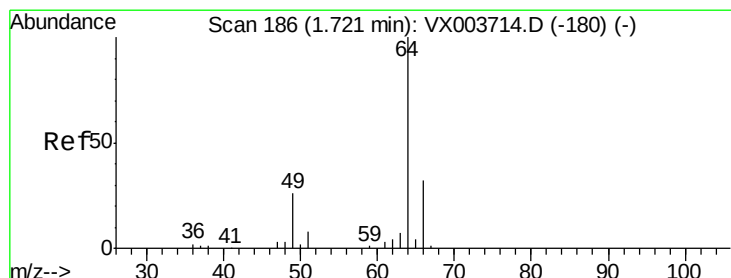
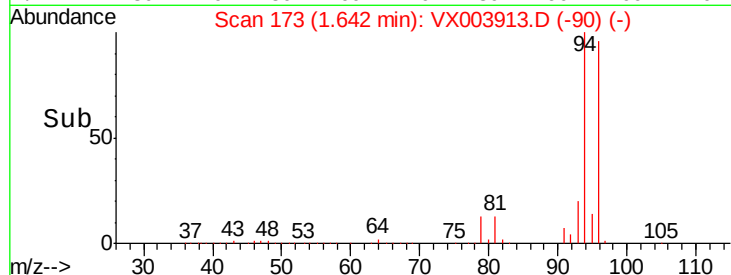
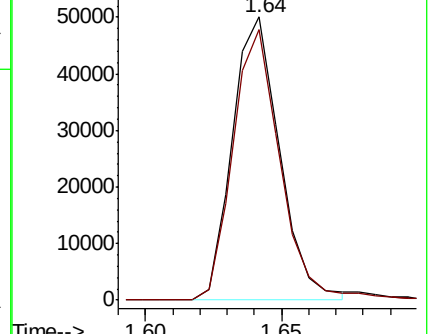
94 100

96 95.5 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.99 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003913.D

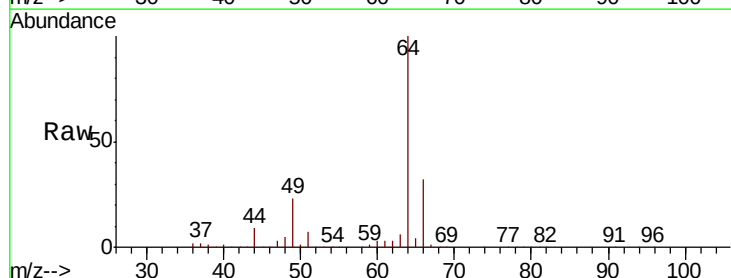
Acq: 08 Aug 2018 07:10

Tgt Ion: 64 Resp: 69125

Ion Ratio Lower Upper

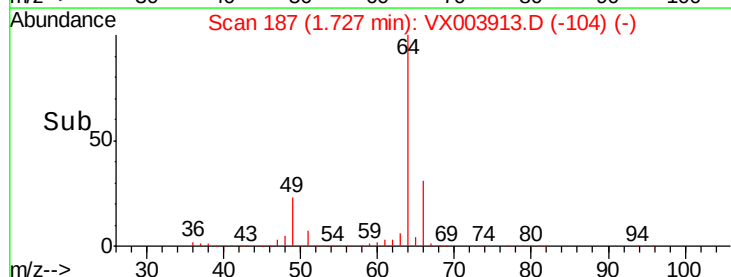
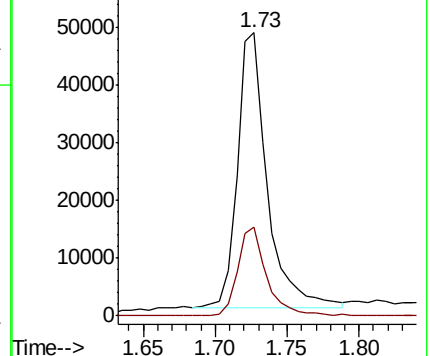
64 100

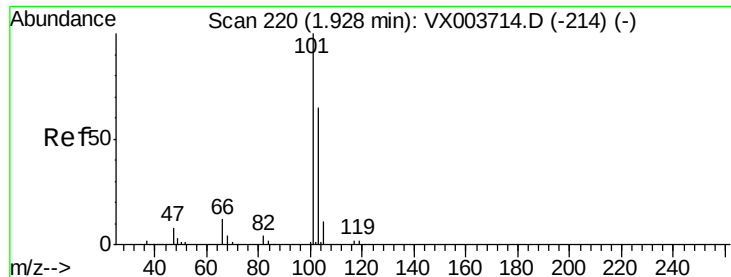
66 32.2 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



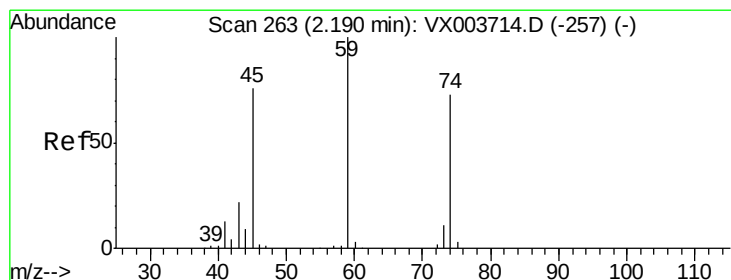
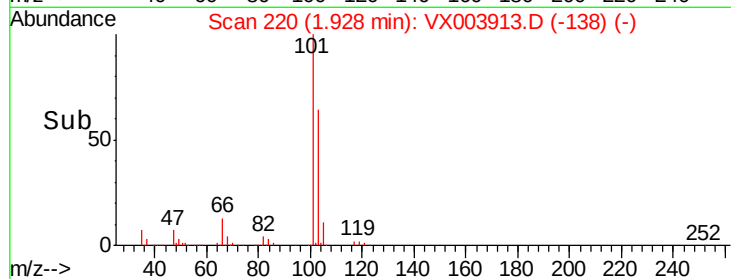
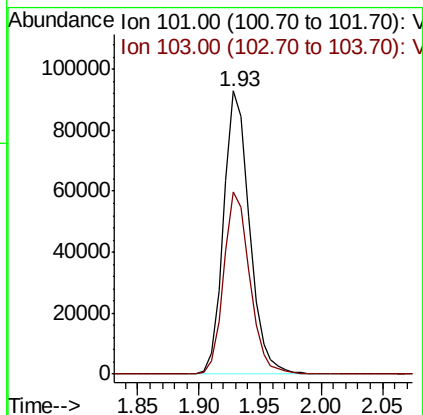
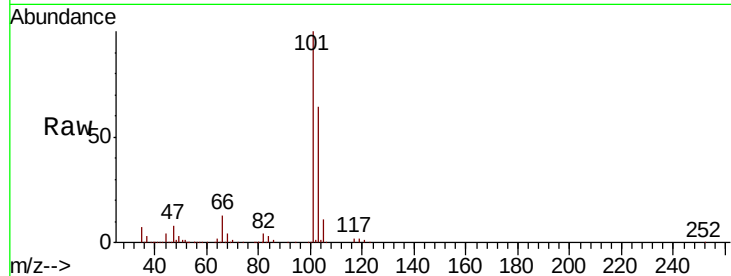


#7

Trichlorofluoromethane
 Concen: 19.17 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

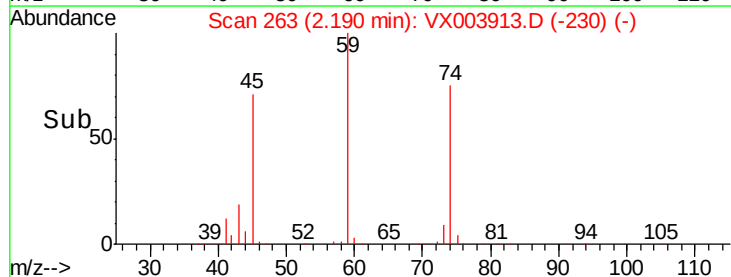
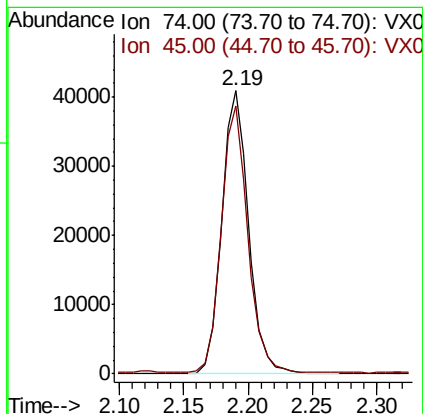
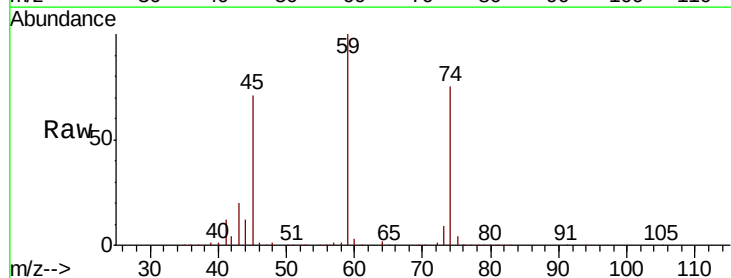
Tot Ion:101 Resp: 136240
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3

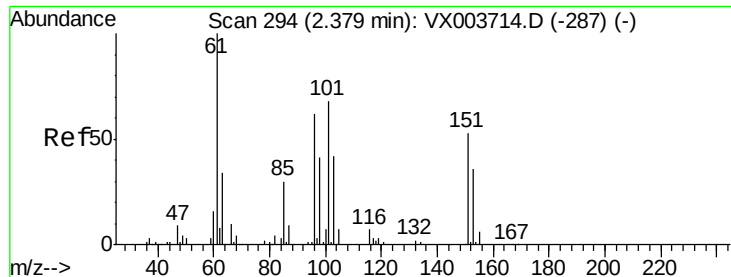


#8

Diethyl Ether
 Concen: 19.68 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 74 Resp: 59951
 Ion Ratio Lower Upper
 74 100
 45 93.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.78 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

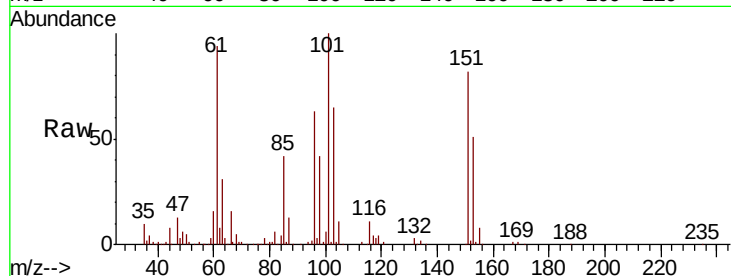
Tot Ion:101 Resp: 80921

Ion Ratio Lower Upper

101 100

85 42.1 0.0 87.0

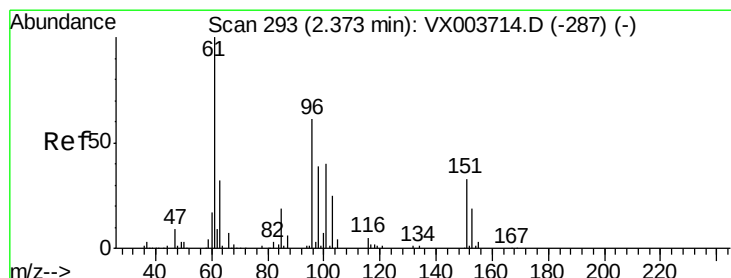
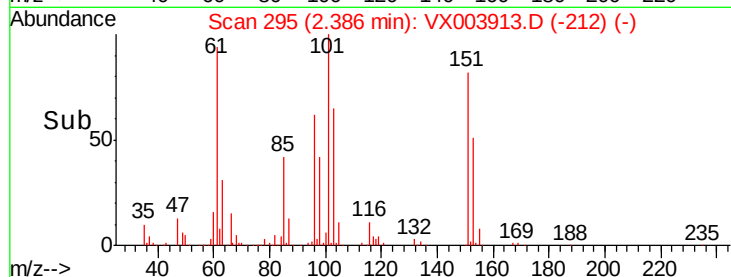
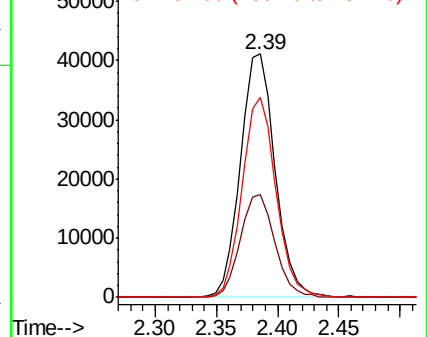
151 80.5 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.37 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

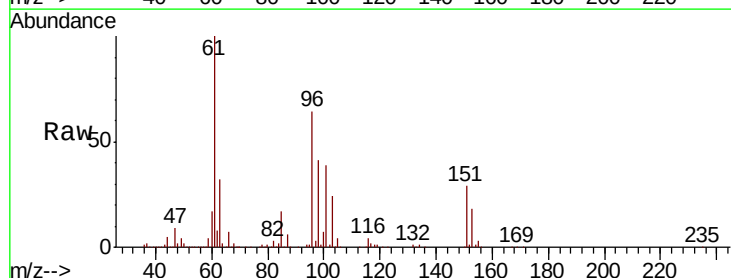
Tgt Ion: 96 Resp: 78487

Ion Ratio Lower Upper

96 100

61 155.2 137.5 206.3

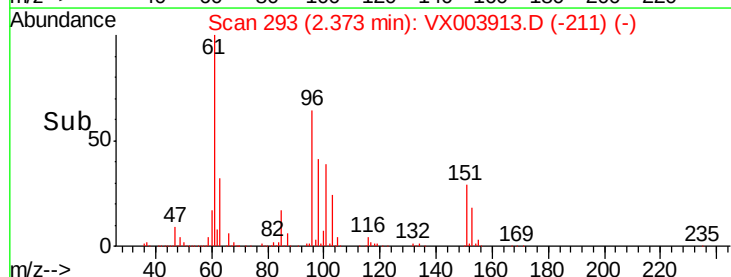
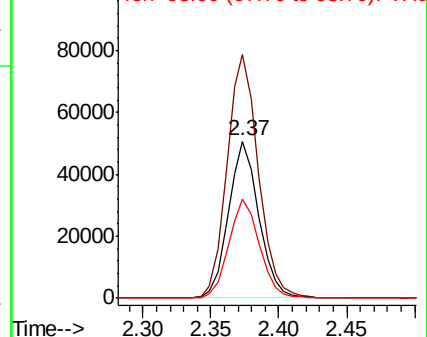
98 63.0 51.4 77.2

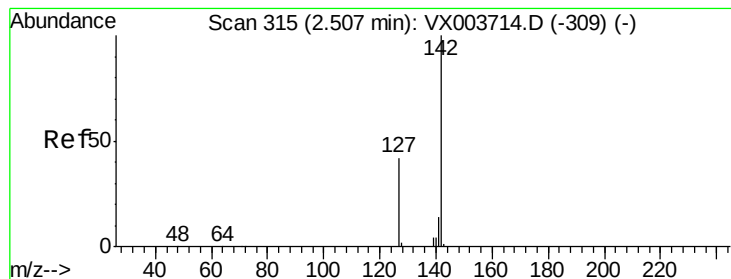


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

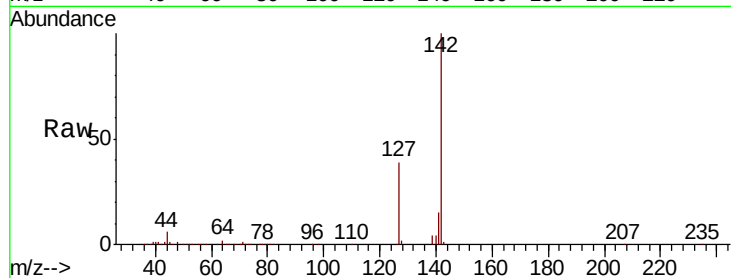
Tot Ion:142 Resp: 97371

Ion Ratio Lower Upper

142 100

127 38.9 23.2 69.6

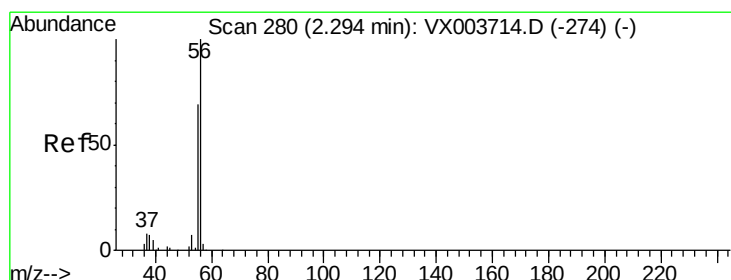
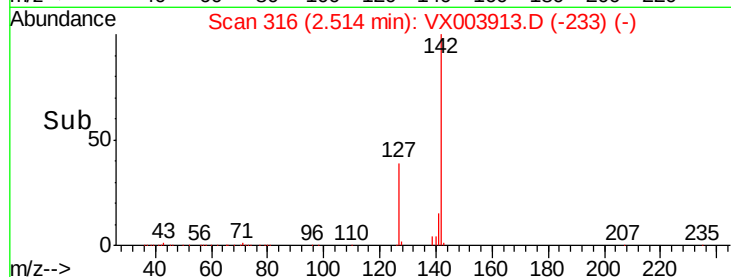
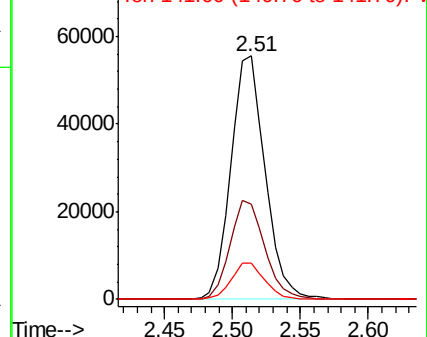
141 14.7 7.4 22.2



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#13

Acrolein

Concen: 107.94 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003913.D

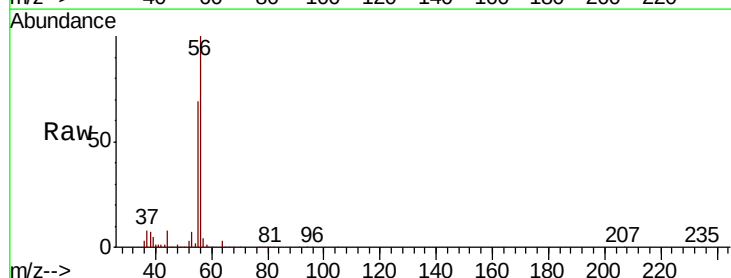
Acq: 08 Aug 2018 07:10

Tgt Ion: 56 Resp: 63120

Ion Ratio Lower Upper

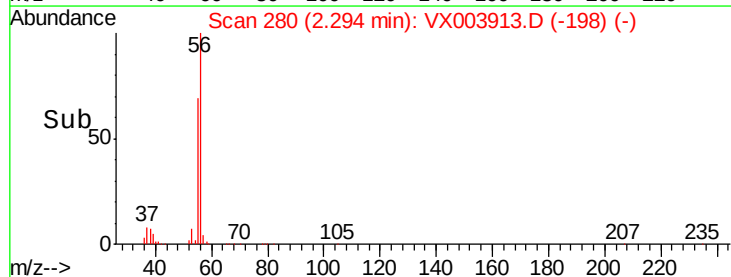
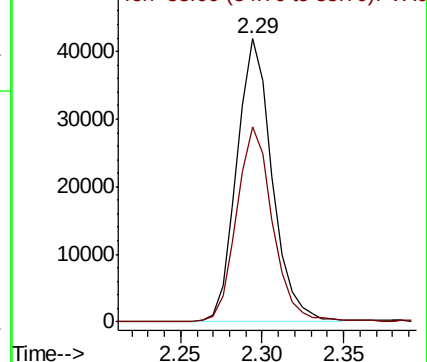
56 100

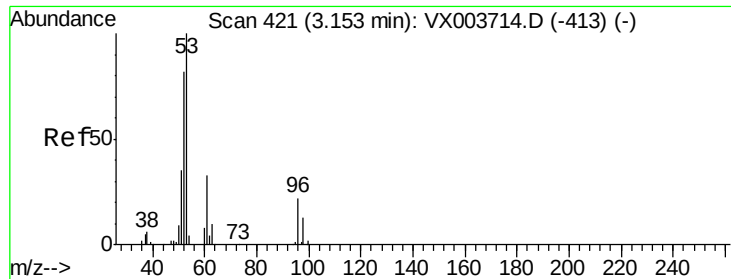
55 69.8 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Acrylonitrile

Concen: 86.59 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

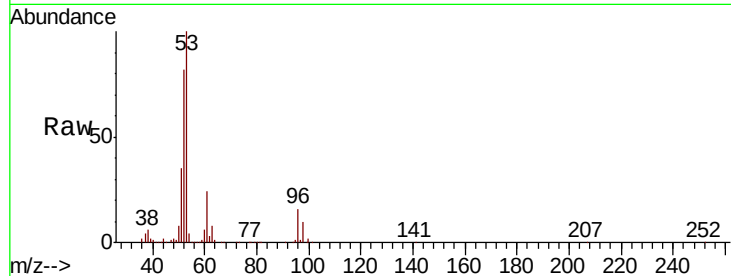
Tot Ion: 53 Resp: 255820

Ion Ratio Lower Upper

53 100

52 81.8 41.5 124.6

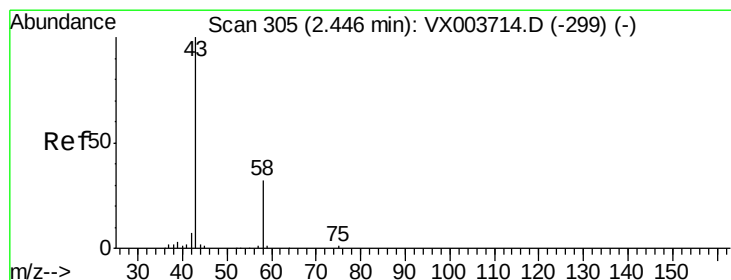
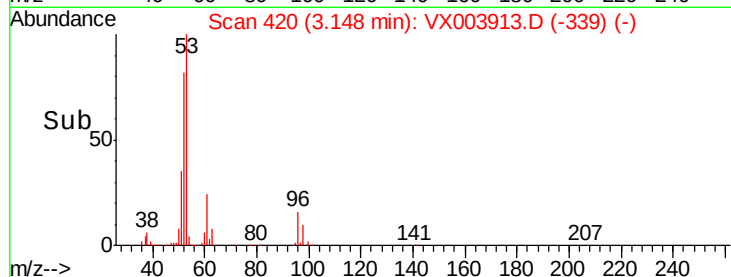
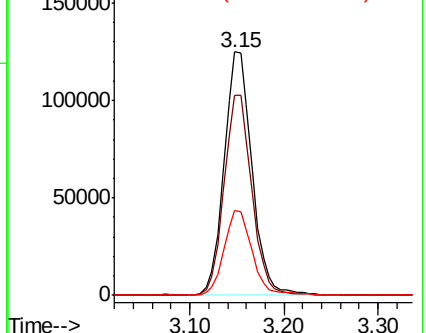
51 35.4 17.9 53.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#15

Acetone

Concen: 90.69 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003913.D

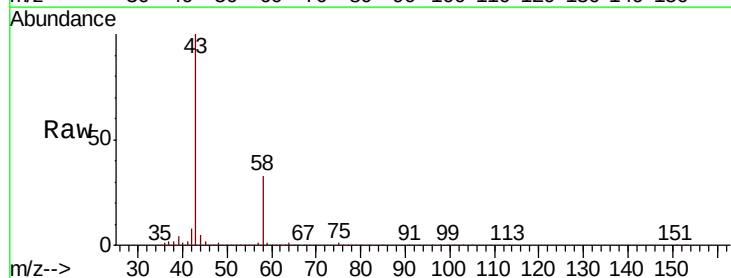
Acq: 08 Aug 2018 07:10

Tgt Ion: 58 Resp: 72702

Ion Ratio Lower Upper

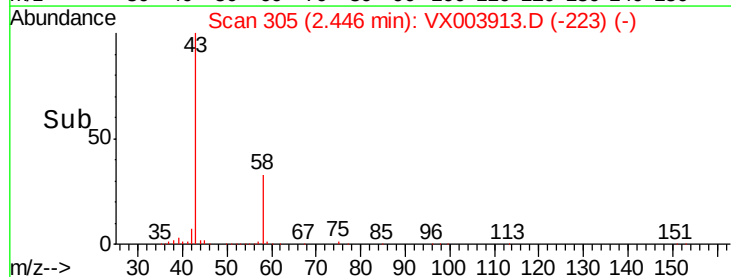
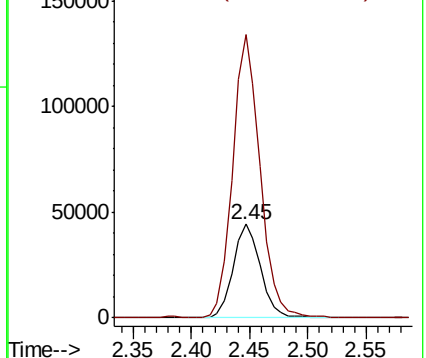
58 100

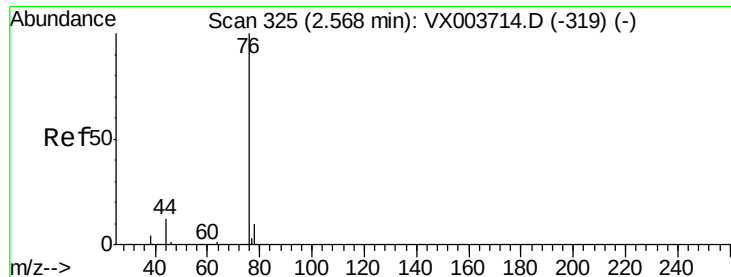
43 302.8 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#16

Carbon Disulfide

Concen: 18.03 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

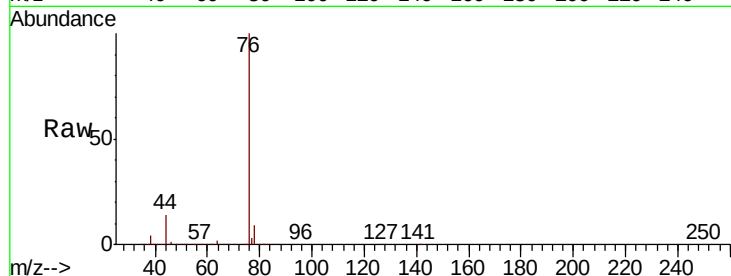
VSTDCCC020EC

Tot Ion: 76 Resp: 202854

Ion Ratio Lower Upper

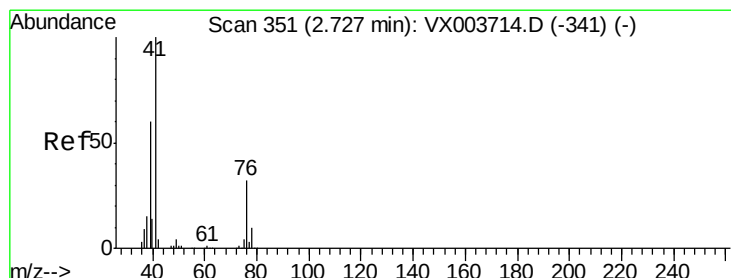
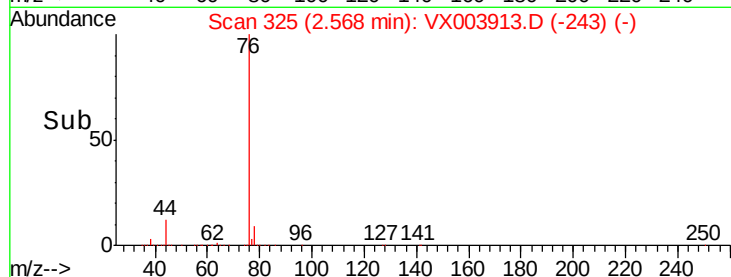
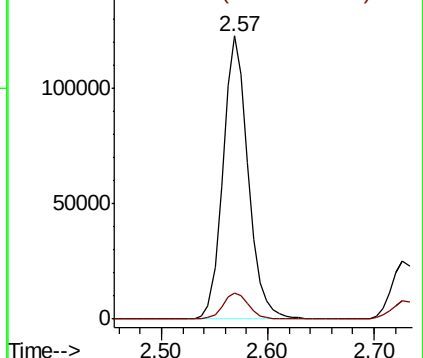
76 100

78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#17

Allyl chloride

Concen: 16.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

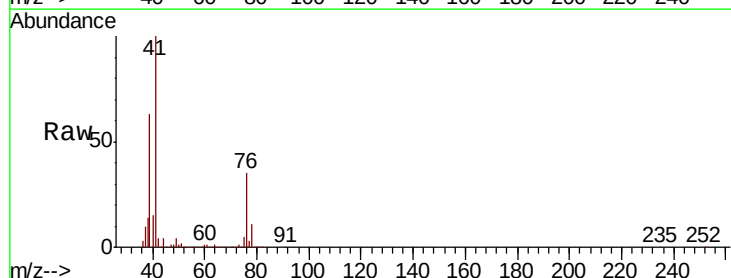
Tgt Ion: 41 Resp: 136690

Ion Ratio Lower Upper

41 100

39 63.3 34.6 103.8

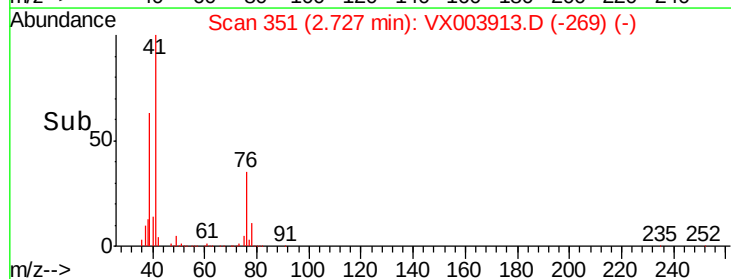
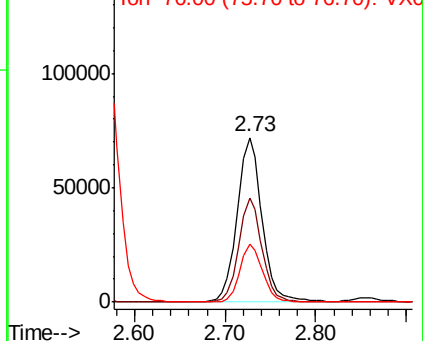
76 35.1 15.0 45.1

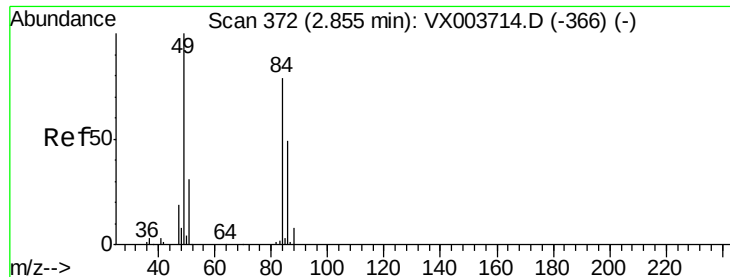


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0

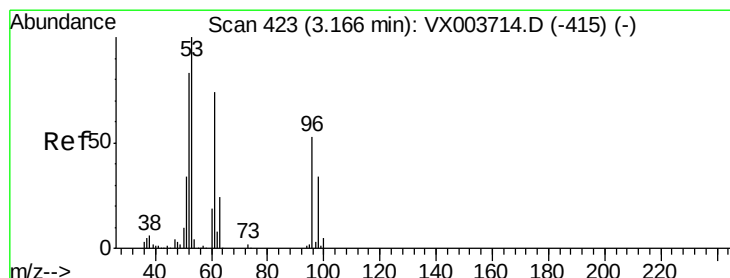
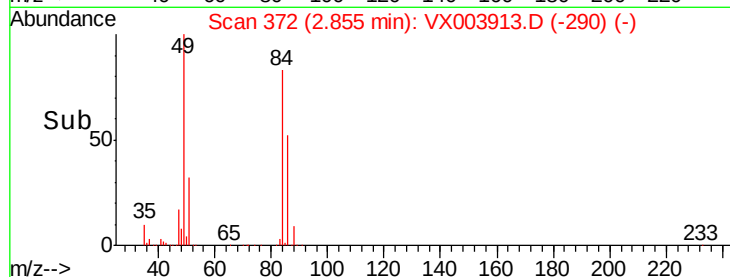
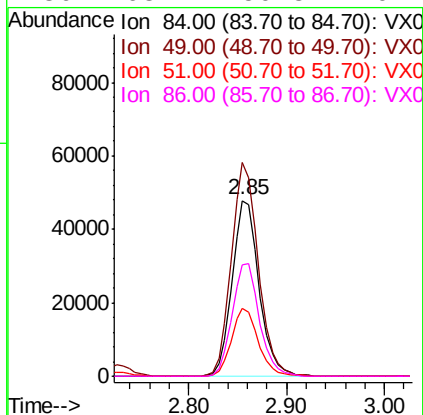
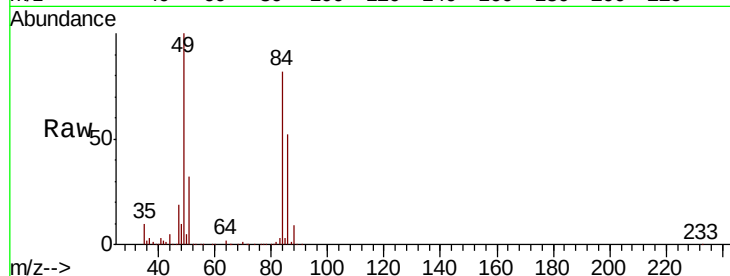




#18
Methylene Chloride
Concen: 19.06 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

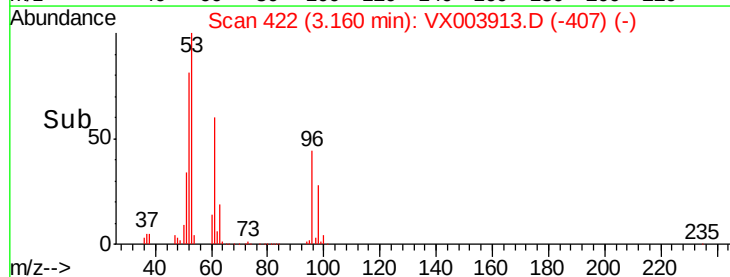
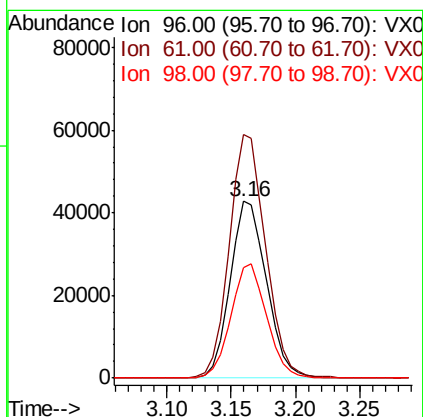
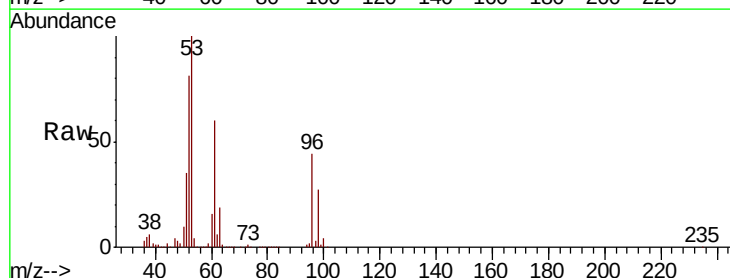
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

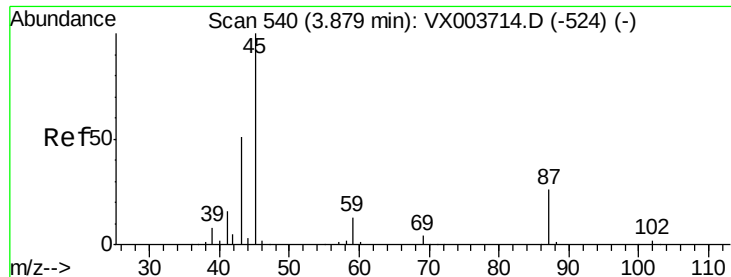
Tot Ion: 84 Resp: 91497
Ion Ratio Lower Upper
84 100
49 121.6 104.7 157.1
51 38.6 31.0 46.4
86 63.2 50.8 76.2



#19
trans-1,2-Dichloroethene
Concen: 19.16 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 96 Resp: 83925
Ion Ratio Lower Upper
96 100
61 137.5 114.6 172.0
98 62.8 51.3 76.9

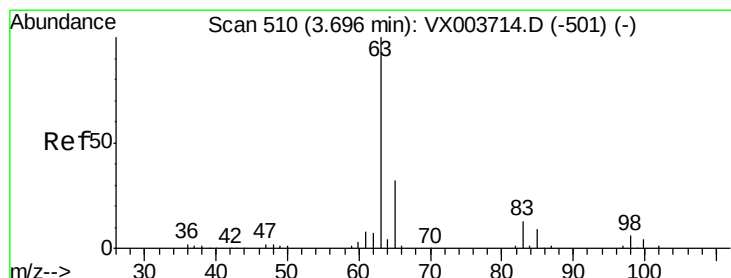
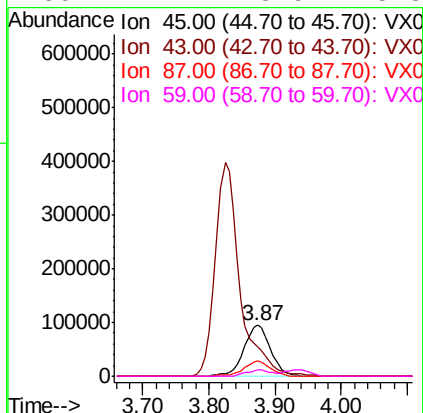
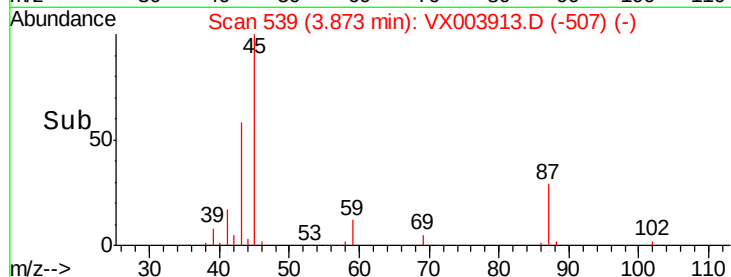
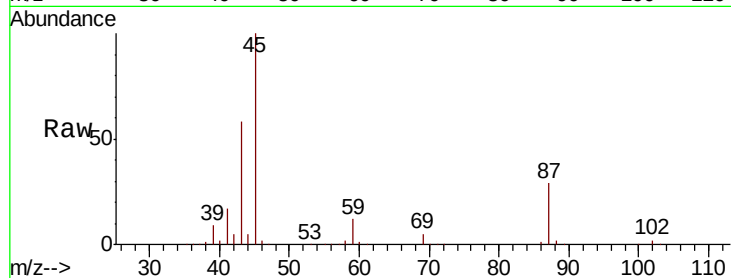




#20
Diisopropyl ether
Concen: 17.35 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

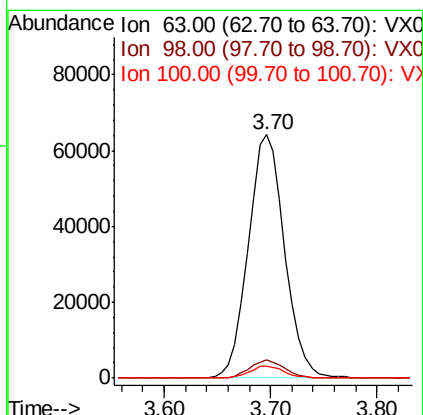
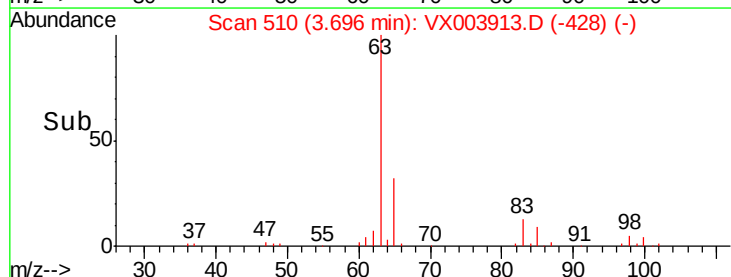
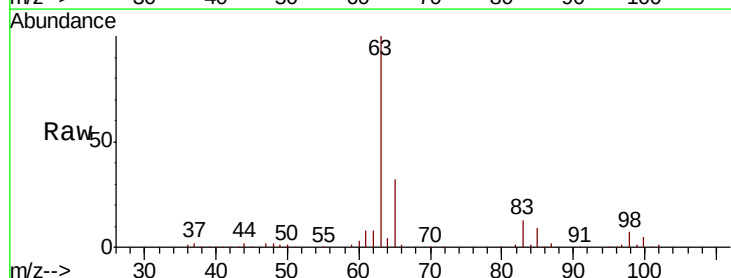
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

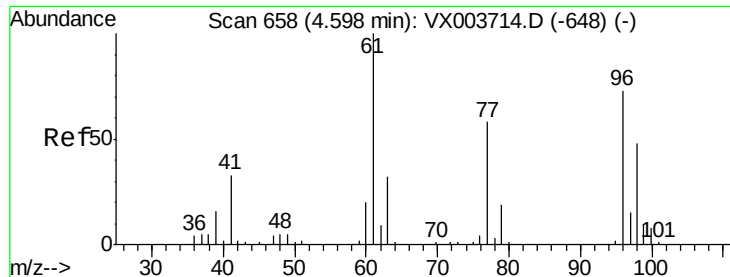
Tot Ion:	45	Resp:	267191
Ion	Ratio	Lower	Upper
45	100		
43	57.9	45.6	68.4
87	29.4	20.7	31.1
59	12.1	8.9	13.3



#21
1,1-Dichloroethane
Concen: 17.55 ug/l
RT: 3.70 min Scan# 510
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:	63	Resp:	152972
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.1	9.3
100	5.0	2.2	6.6



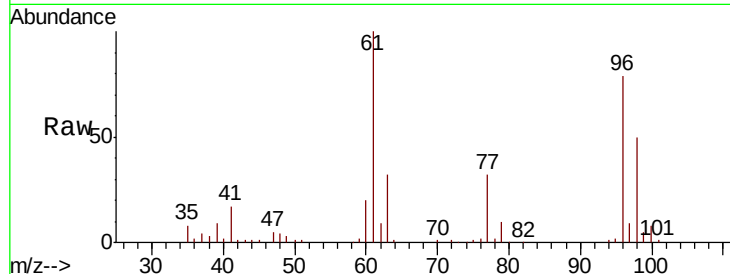


#22

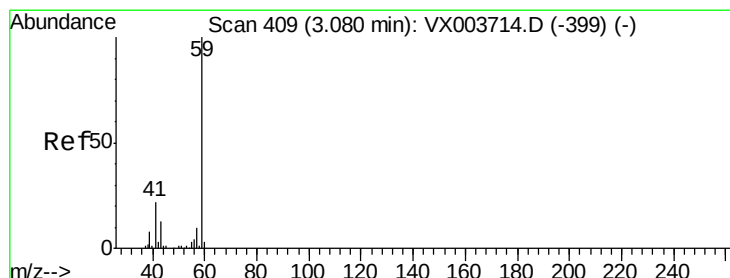
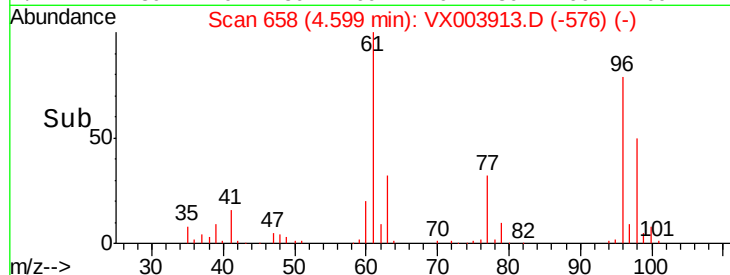
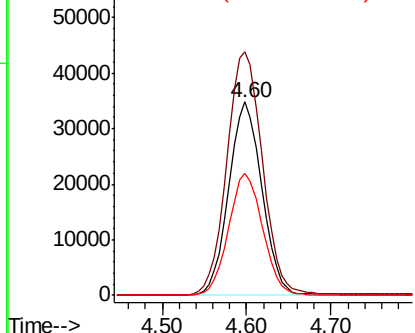
cis-1,2-Dichloroethene
 Concen: 21.07 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 96 Resp: 93209
 Ion Ratio Lower Upper
 96 100
 61 135.4 160.2 240.2#
 98 64.5 54.1 81.1



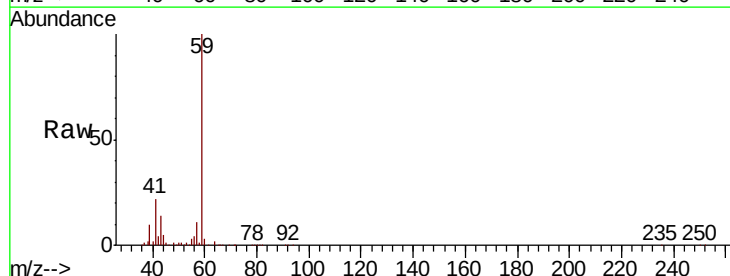
Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0



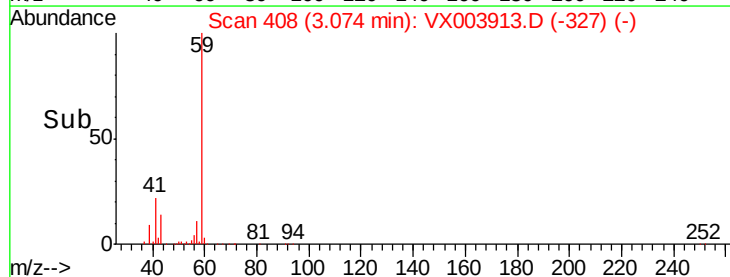
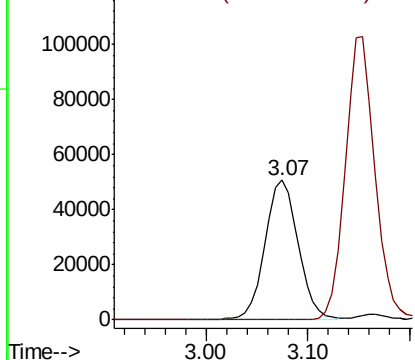
#23

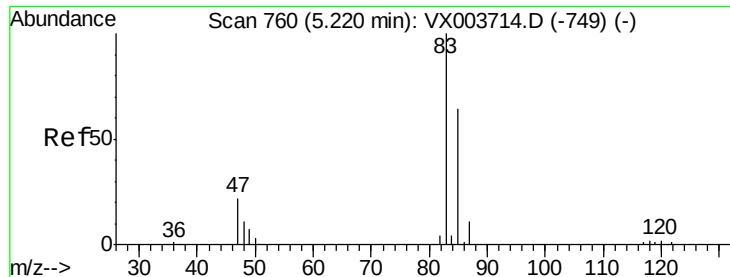
tert-Butyl Alcohol
 Concen: 92.59 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 59 Resp: 114900
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0

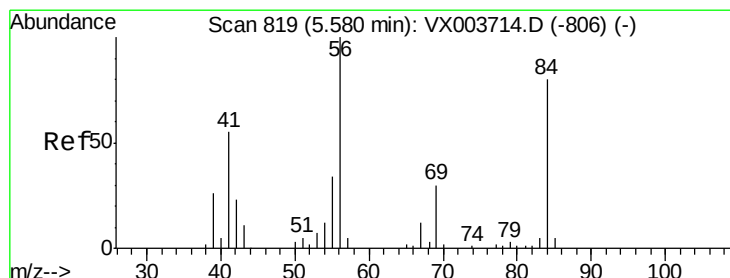
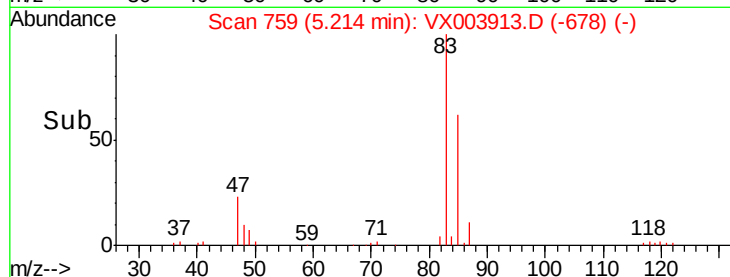
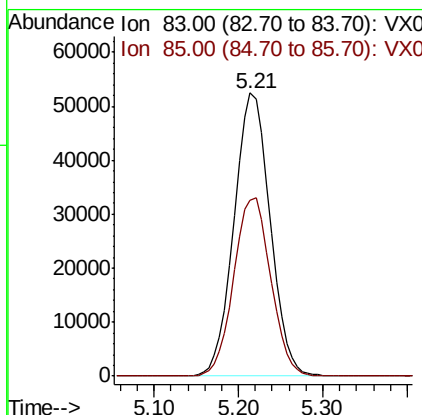
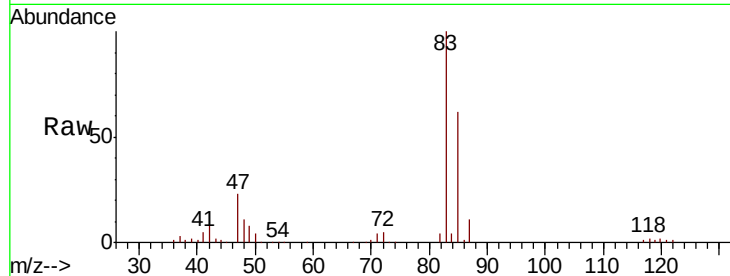




#25
Chloroform
Concen: 20.20 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

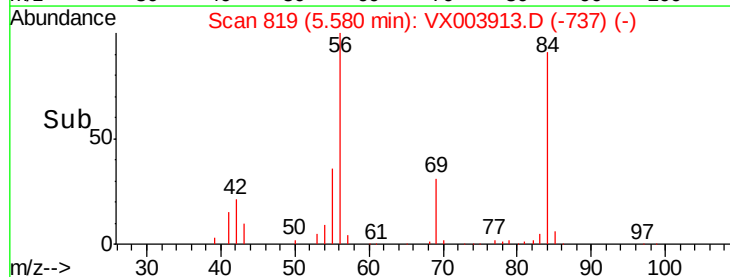
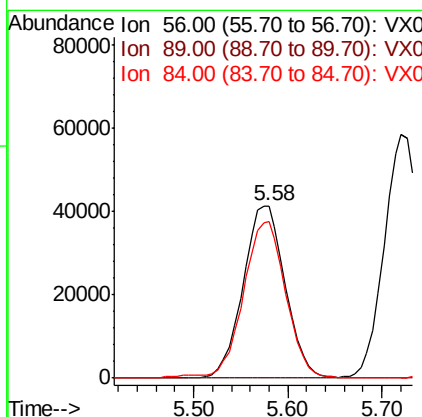
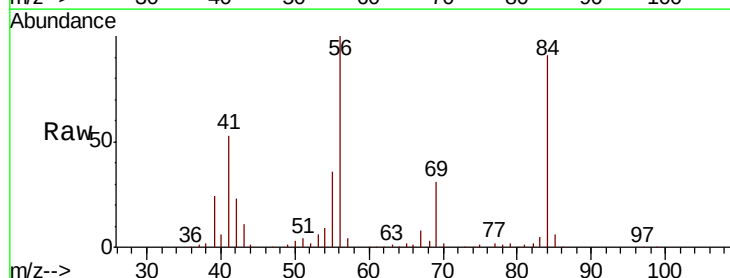
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

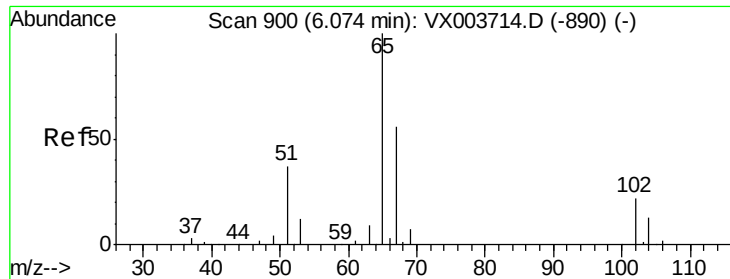
Tot Ion: 83 Resp: 152510
Ion Ratio Lower Upper
83 100
85 62.0 51.9 77.9



#26
Cyclohexane
Concen: 19.77 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 56 Resp: 129494
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.5 64.9 97.3

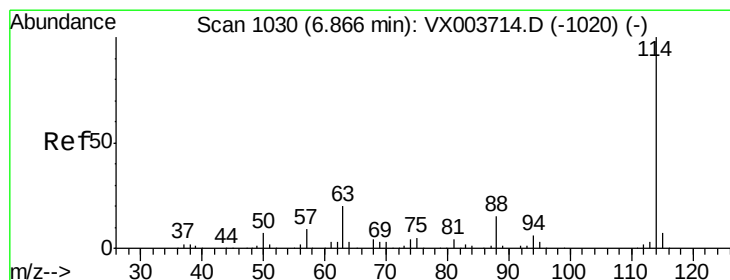
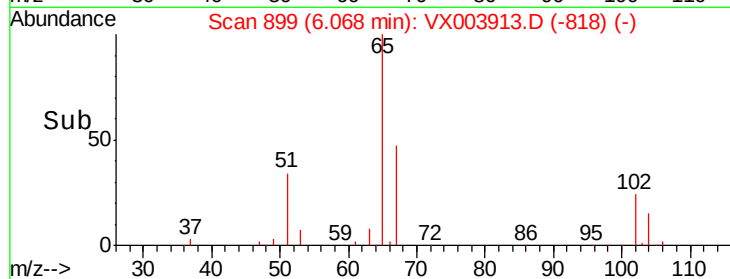
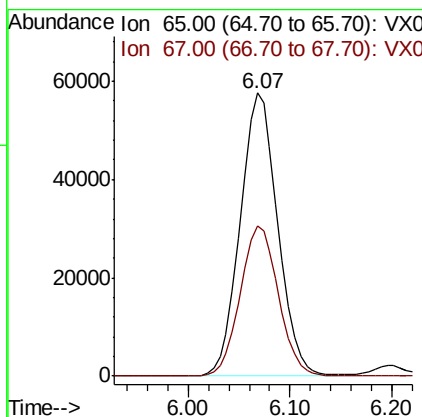
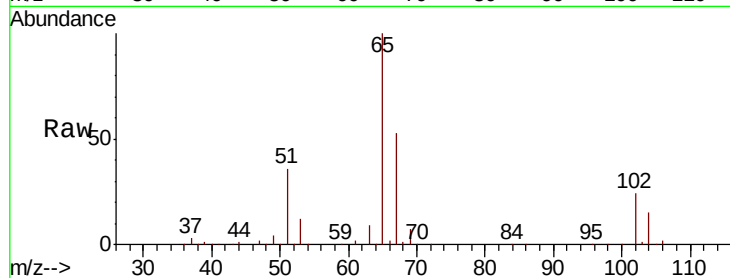




#27
 1,2-Dichloroethane-d4
 Concen: 28.40 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

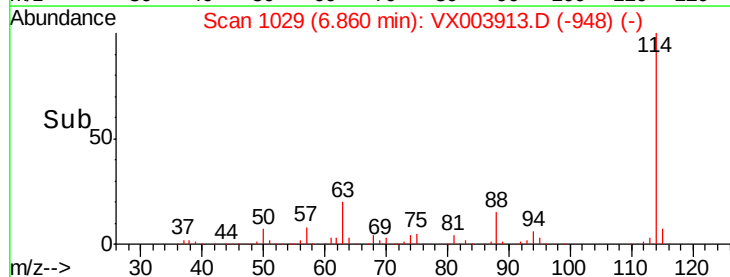
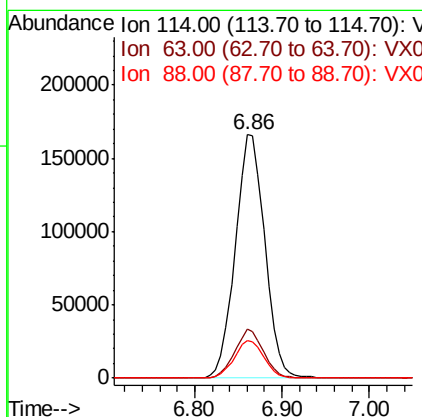
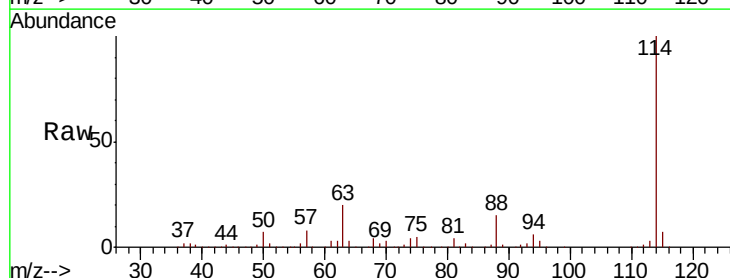
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

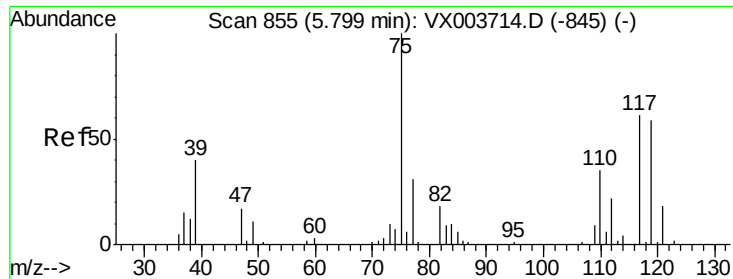
Tot Ion: 65 Resp: 147353
 Ion Ratio Lower Upper
 65 100
 67 53.8 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 114 Resp: 390299
 Ion Ratio Lower Upper
 114 100
 63 19.5 17.1 25.7
 88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.60 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

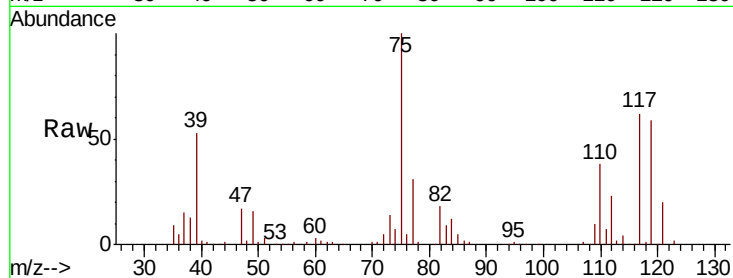
Tot Ion: 75 Resp: 112965

Ion Ratio Lower Upper

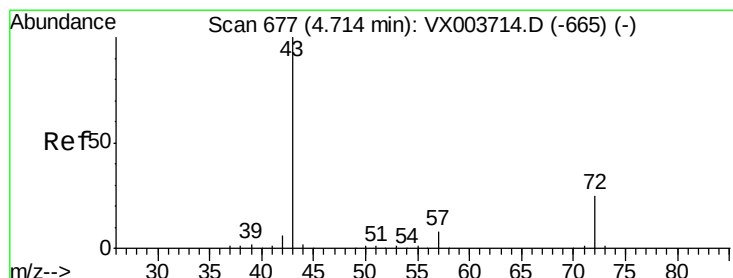
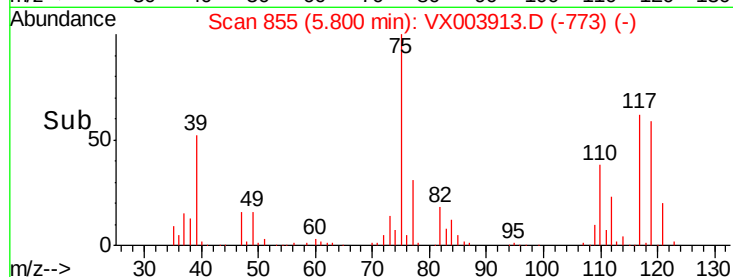
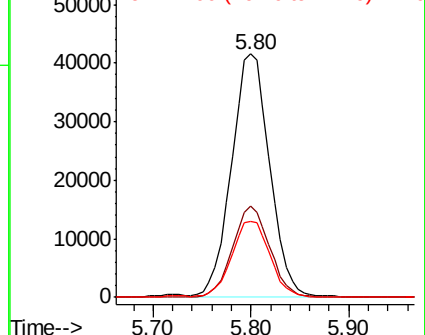
75 100

110 36.3 0.0 71.4

77 31.3 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 87.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

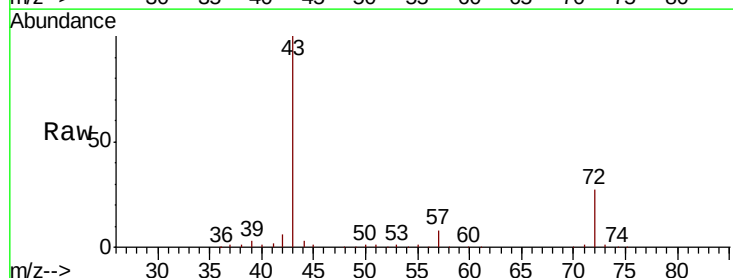
Tgt Ion: 43 Resp: 322039

Ion Ratio Lower Upper

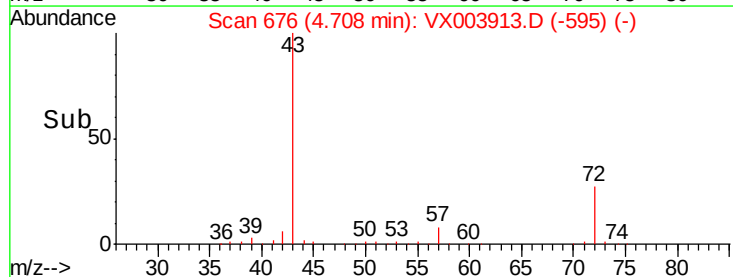
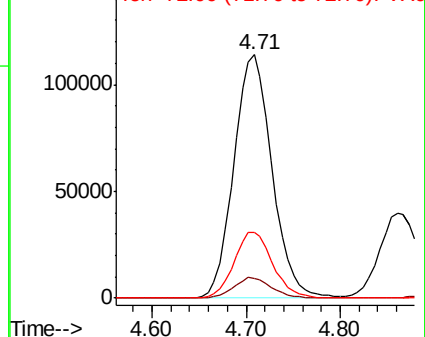
43 100

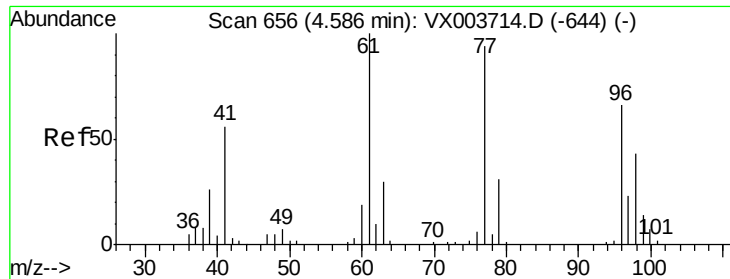
57 8.4 6.1 9.1

72 27.3 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

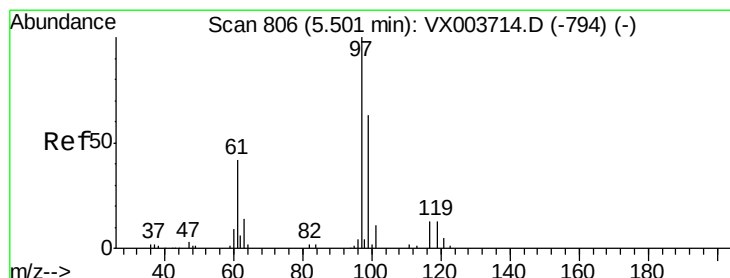
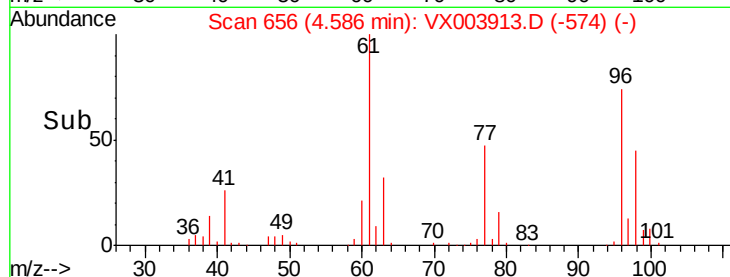
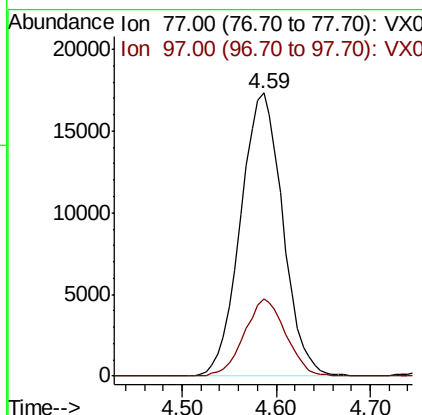
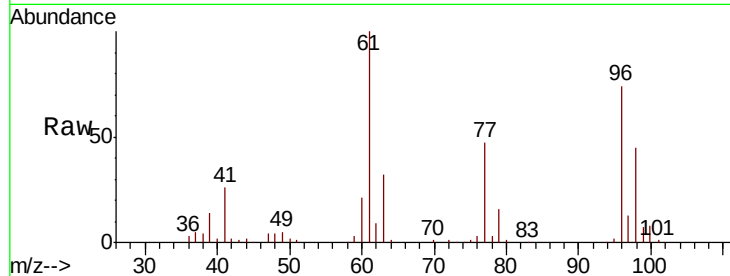




#31
 2,2-Dichloropropane
 Concen: 9.73 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

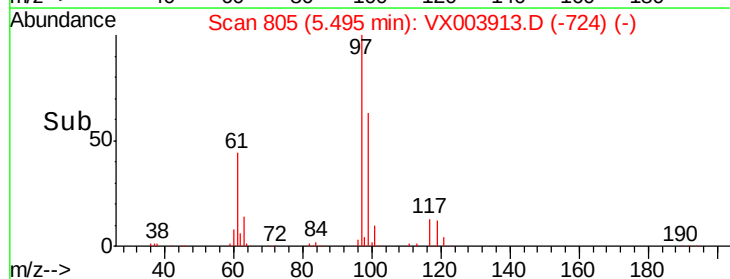
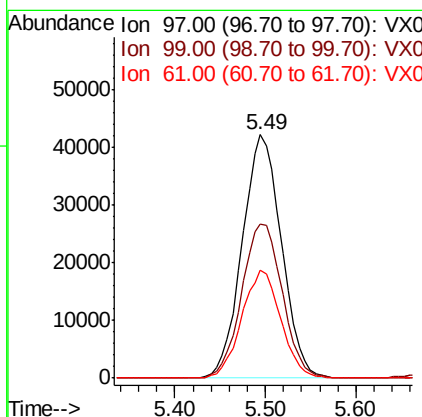
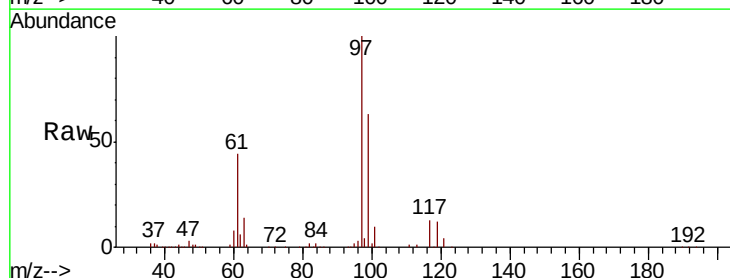
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

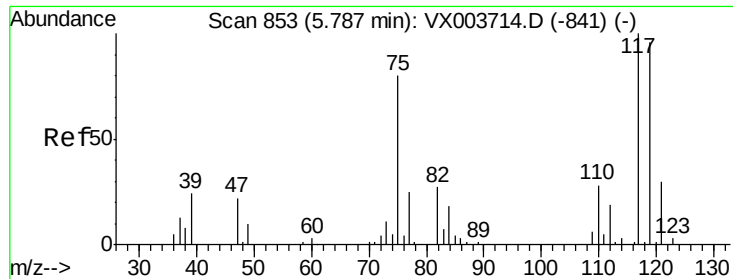
Tot Ion: 77 Resp: 54342
 Ion Ratio Lower Upper
 77 100
 97 26.7 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.27 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 97 Resp: 127071
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.7 77.5
 61 44.1 36.4 54.6

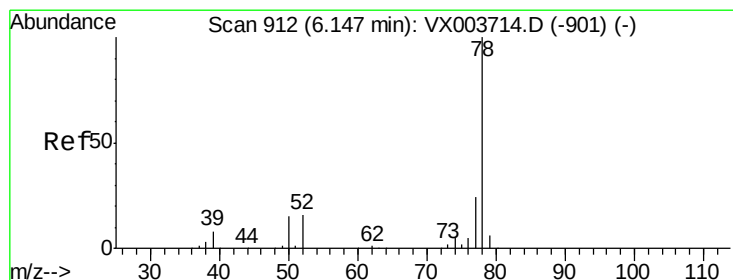
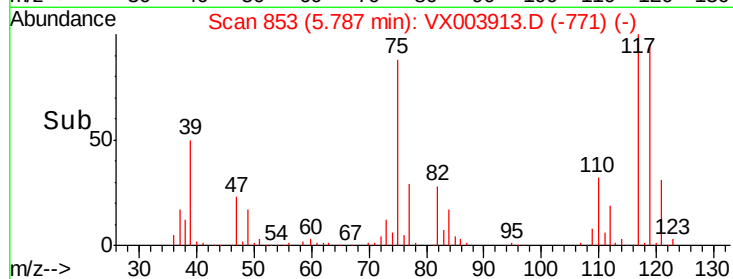
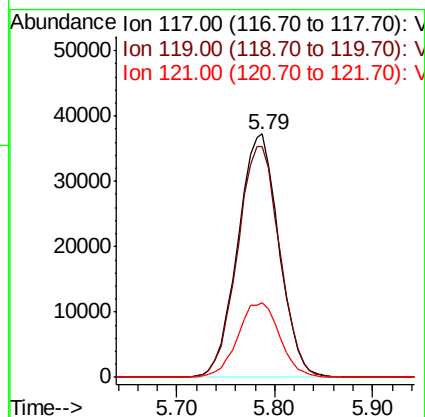
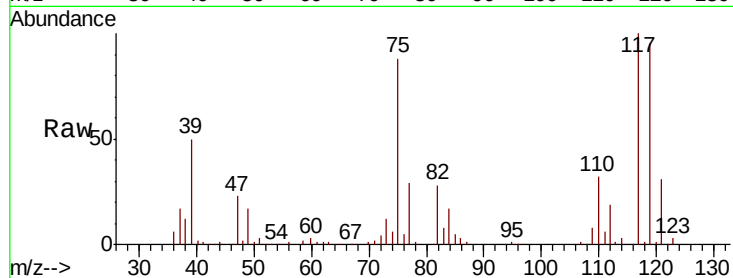




#33
Carbon Tetrachloride
Concen: 18.97 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

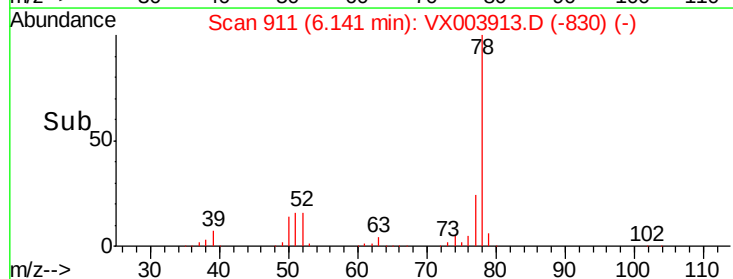
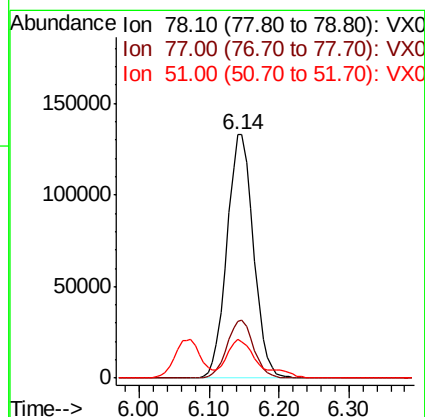
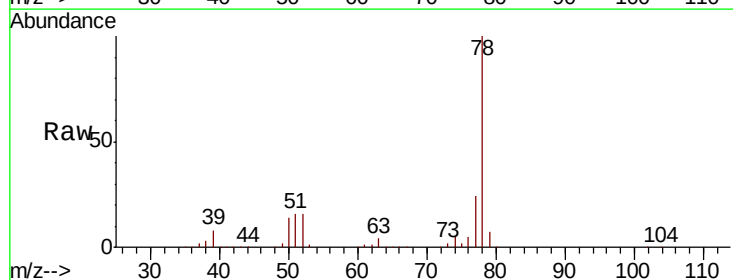
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

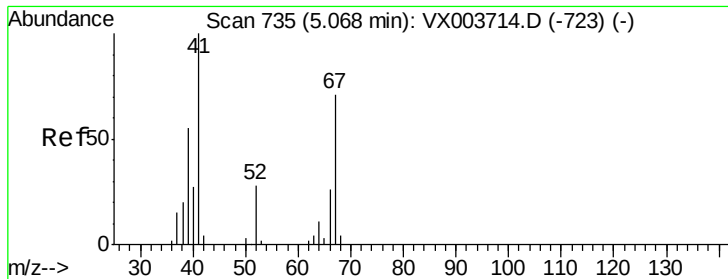
Tot Ion:117 Resp: 108704
Ion Ratio Lower Upper
117 100
119 94.9 73.3 109.9
121 30.6 23.6 35.4



#34
Benzene
Concen: 19.84 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 78 Resp: 351299
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0
51 16.0 13.8 20.6

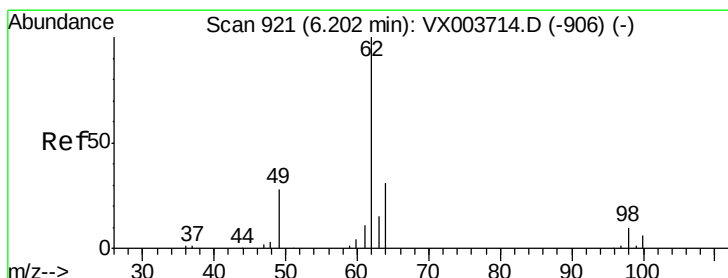
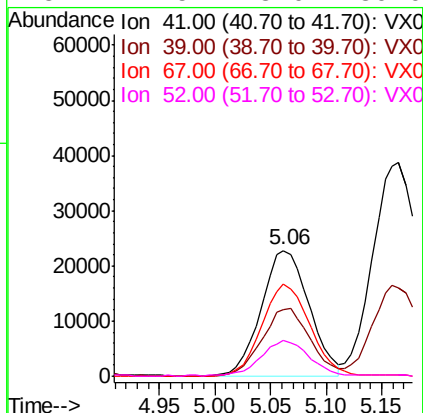
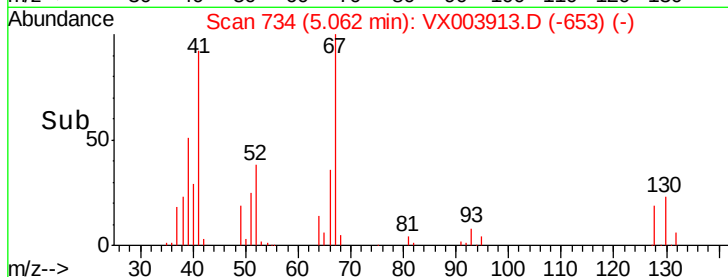
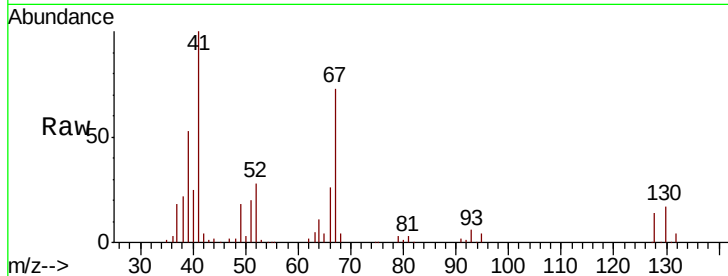




#35
Methacrylonitrile
Concen: 17.91 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

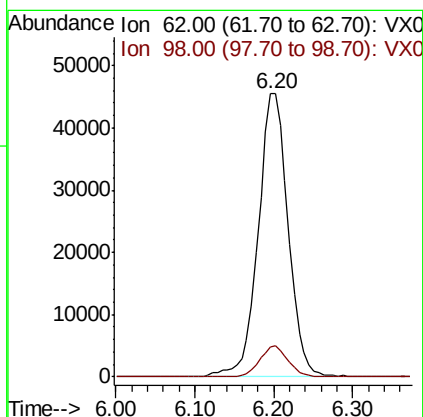
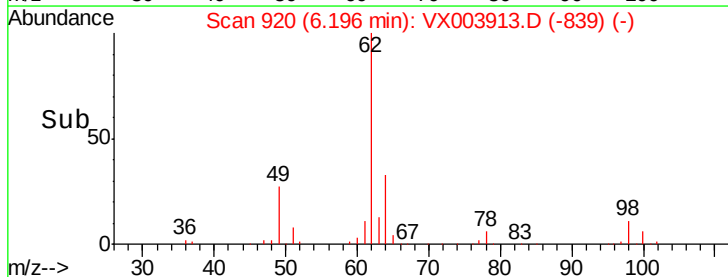
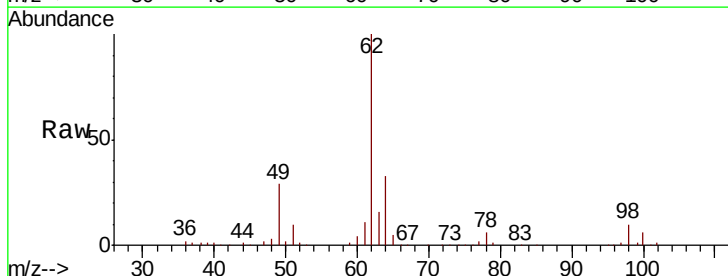
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

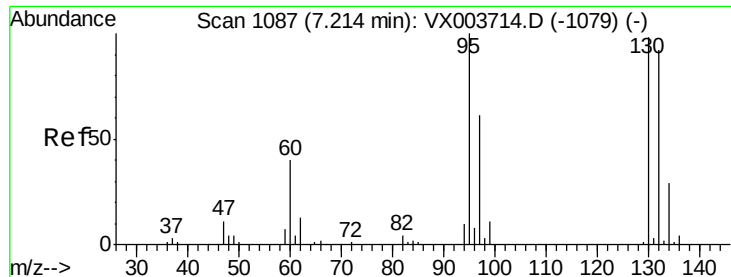
Tot Ion:	41	Resp:	68506
Ion	Ratio	Lower	Upper
41	100		
39	53.4	28.8	86.5
67	73.0	30.4	91.2
52	27.5	13.0	39.0



#36
1,2-Dichloroethane
Concen: 18.88 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:	62	Resp:	120152
Ion	Ratio	Lower	Upper
62	100		
98	10.2	6.5	9.7#

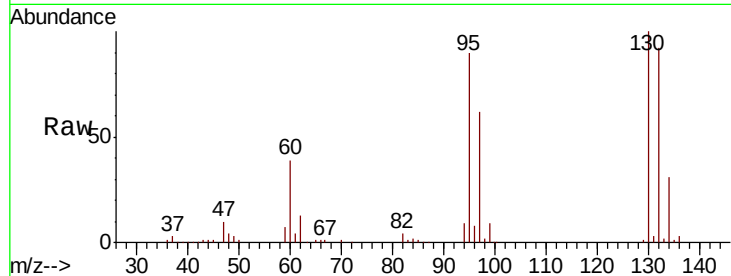




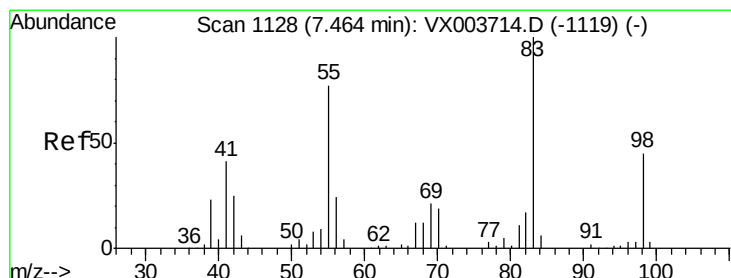
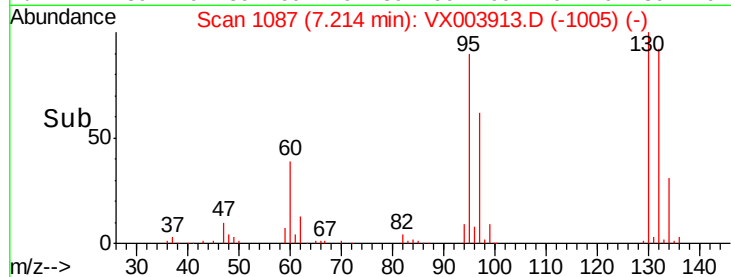
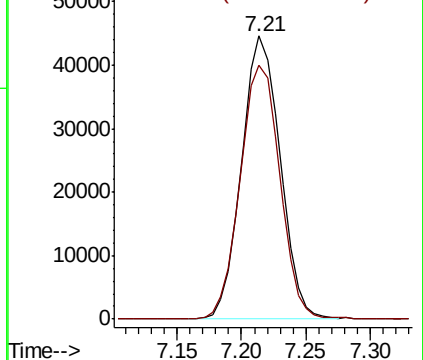
#37
 Trichloroethene
 Concen: 20.13 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 92899
 Ion Ratio Lower Upper
 130 100
 95 89.5 81.5 122.3

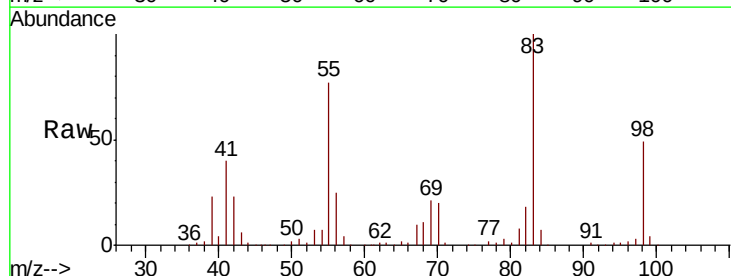


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

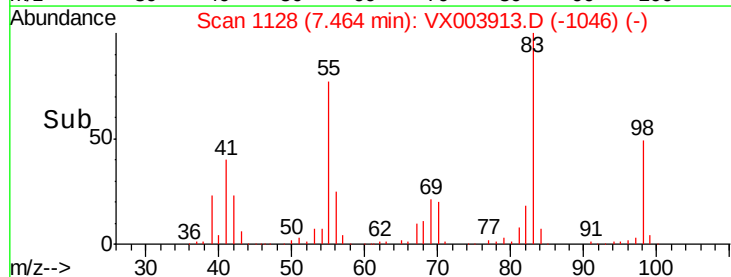
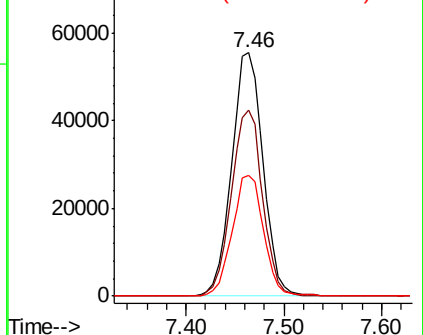


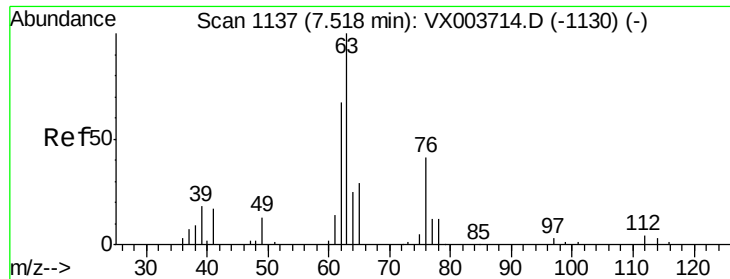
#38
 Methylcyclohexane
 Concen: 18.86 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 83 Resp: 123510
 Ion Ratio Lower Upper
 83 100
 55 75.6 40.6 121.8
 98 49.5 23.5 70.5



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





#39

1,2-Dichloropropane

Concen: 18.90 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

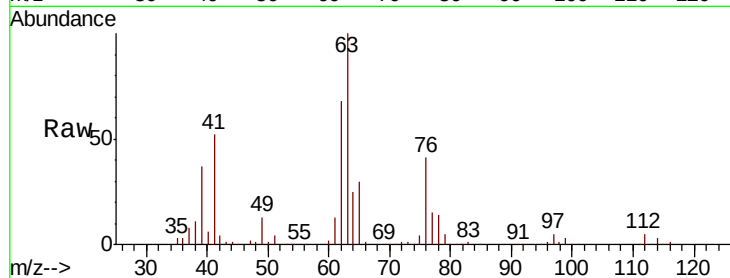
VSTDCCC020EC

Tot Ion: 63 Resp: 88448

Ion Ratio Lower Upper

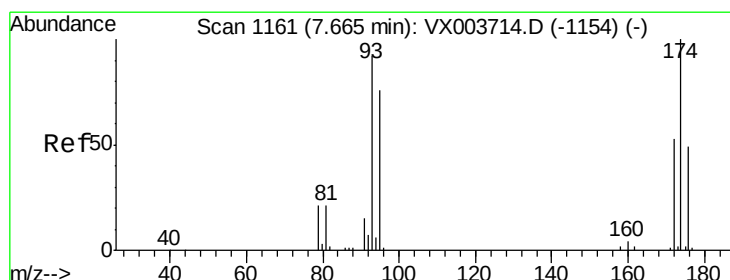
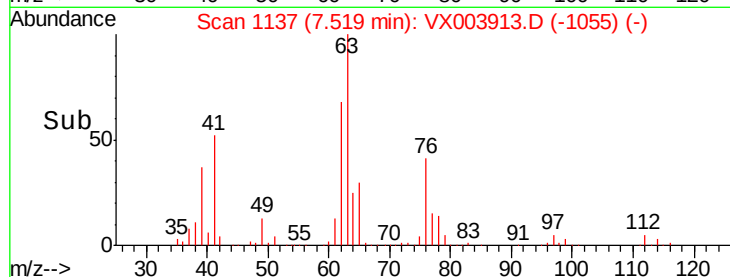
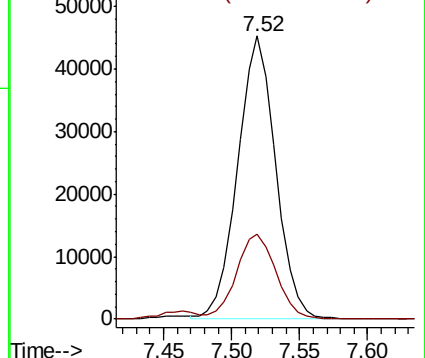
63 100

65 29.9 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.69 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

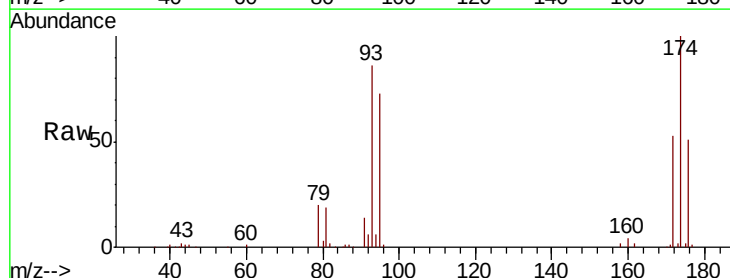
Tgt Ion: 93 Resp: 56606

Ion Ratio Lower Upper

93 100

95 85.6 0.0 162.6

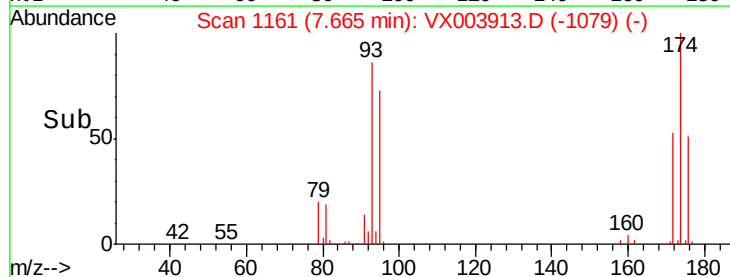
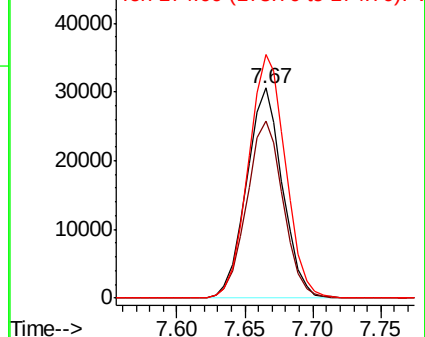
174 119.8 0.0 229.4

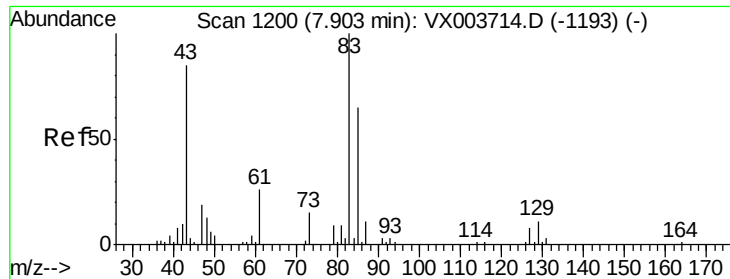


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

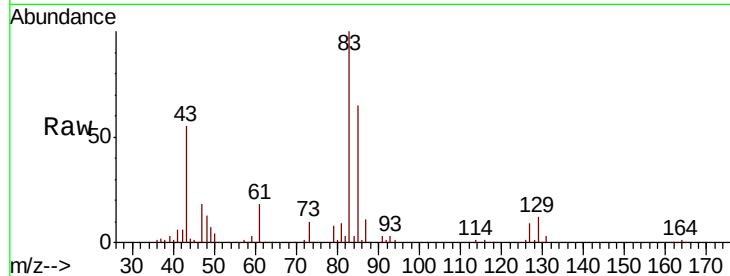
Tot Ion: 83 Resp: 105701

Ion Ratio Lower Upper

83 100

85 64.7 49.8 74.8

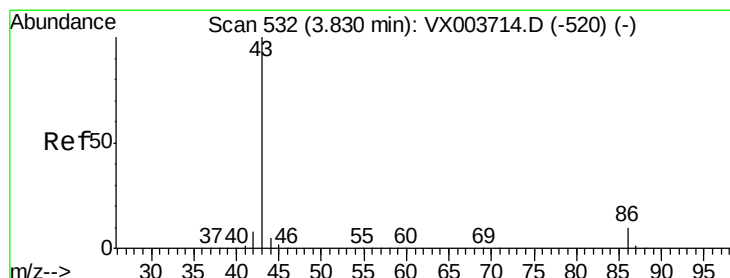
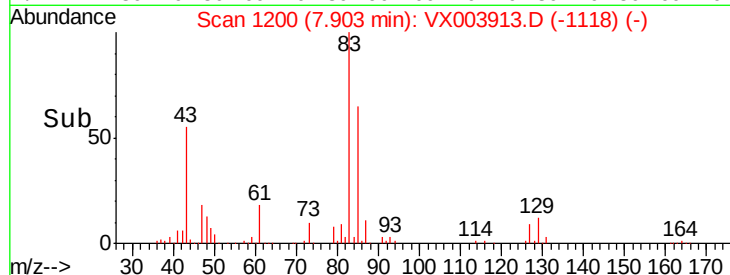
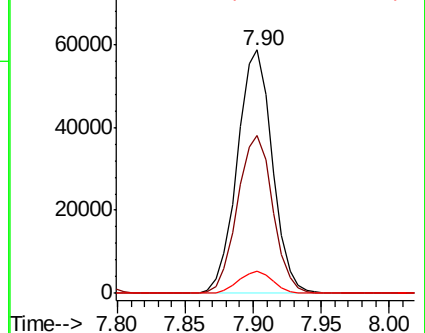
127 9.0 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 72.87 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003913.D

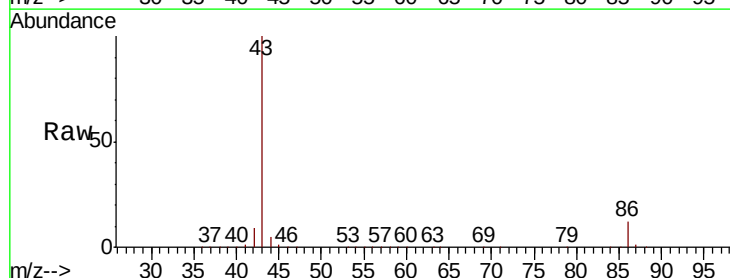
Acq: 08 Aug 2018 07:10

Tgt Ion: 43 Resp: 1030525

Ion Ratio Lower Upper

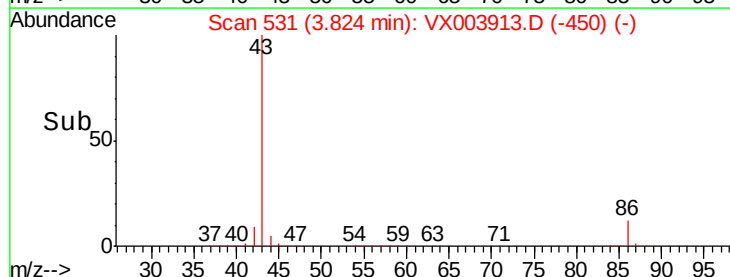
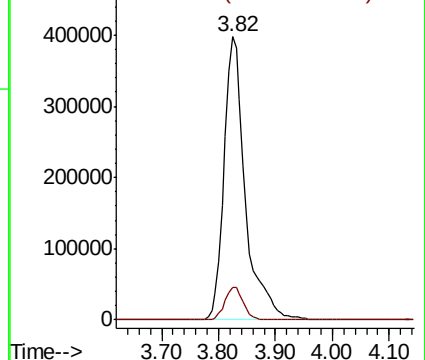
43 100

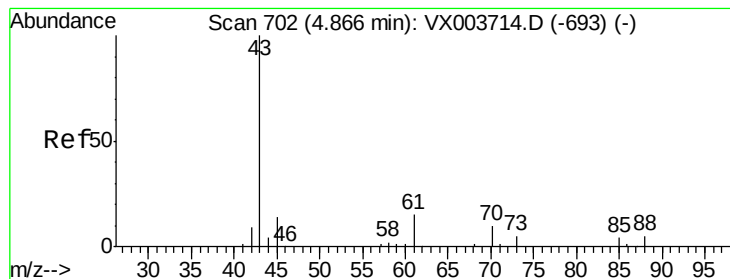
86 10.0 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 17.01 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

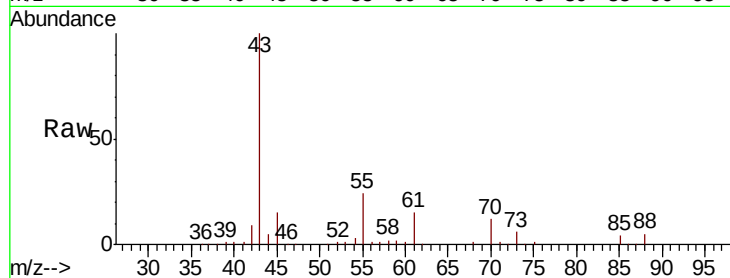
VSTDCCC020EC

Tot Ion: 43 Resp: 116933

Ion Ratio Lower Upper

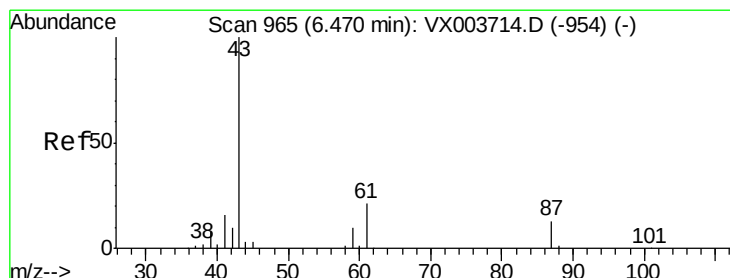
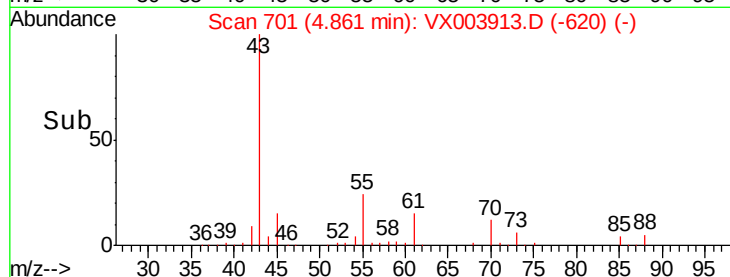
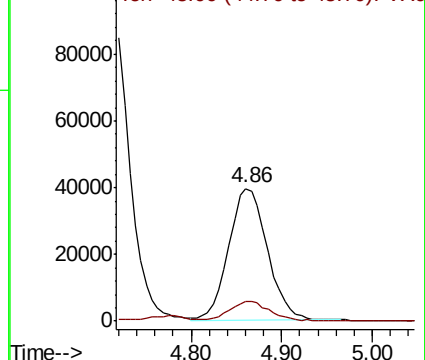
43 100

45 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 17.48 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003913.D

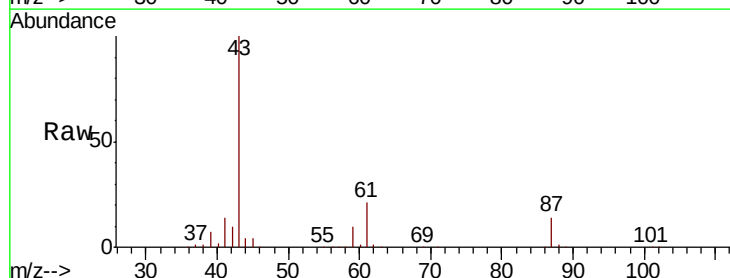
Acq: 08 Aug 2018 07:10

Tgt Ion: 43 Resp: 184285

Ion Ratio Lower Upper

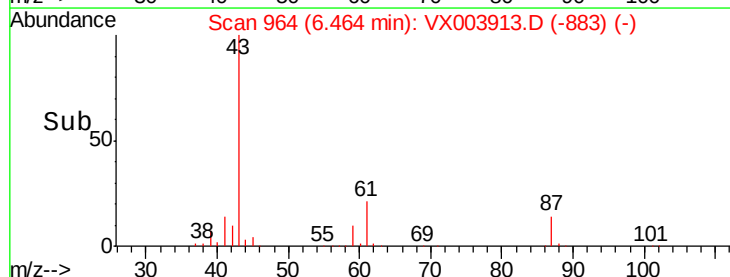
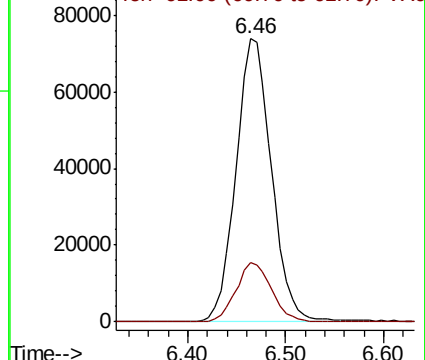
43 100

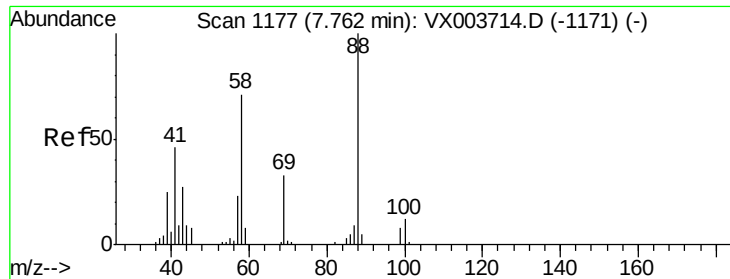
61 21.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

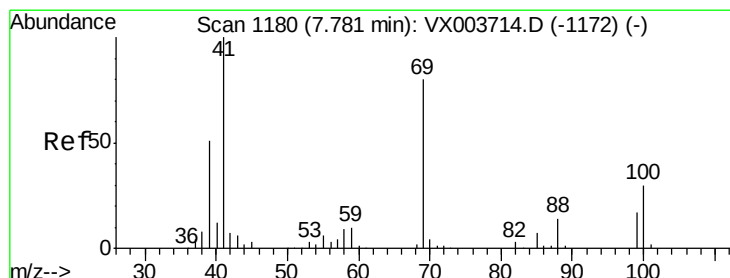
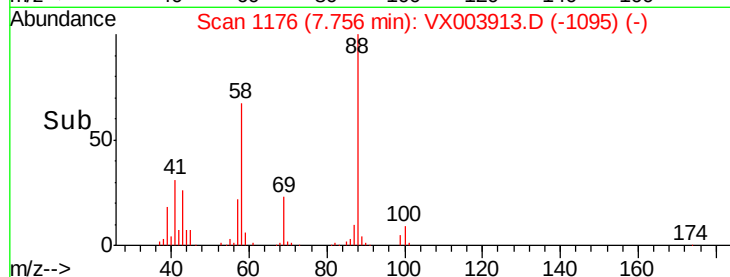
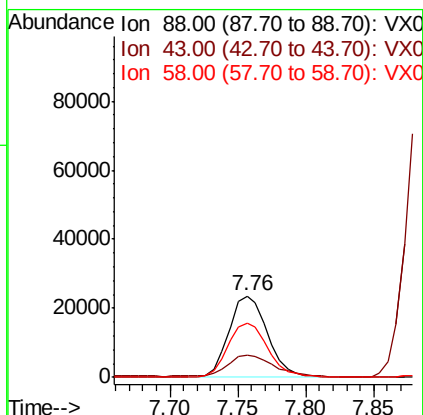
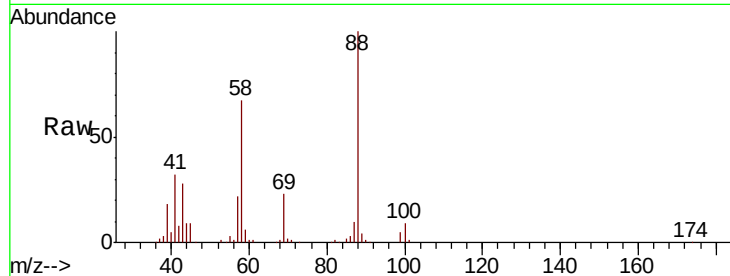




#45
1,4-Dioxane
Concen: 399.29 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

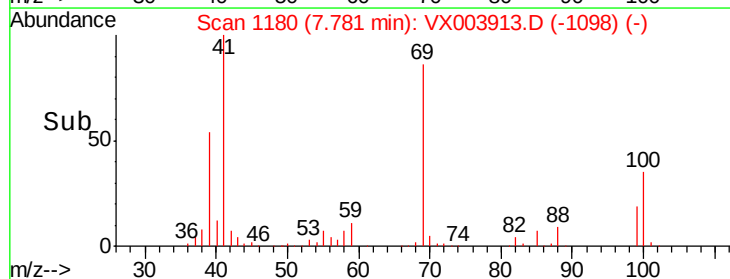
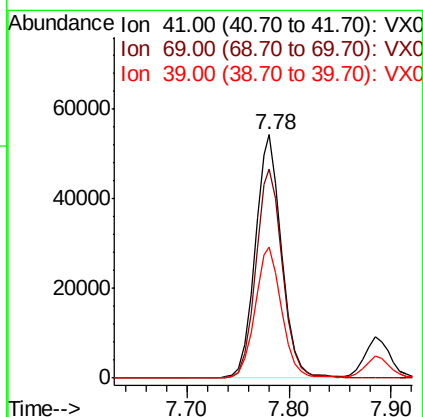
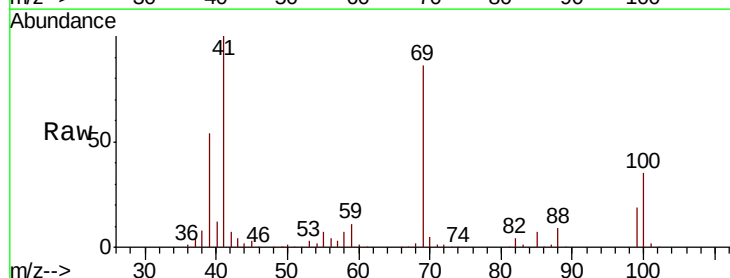
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

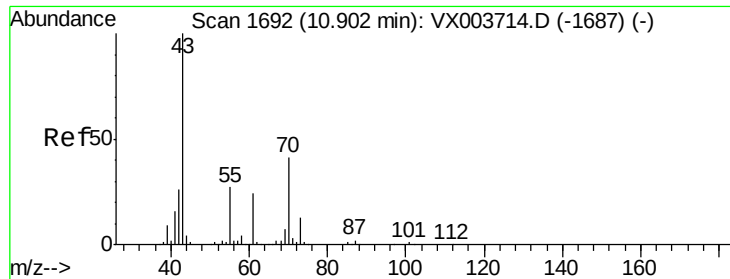
Tot Ion: 88 Resp: 46761
Ion Ratio Lower Upper
88 100
43 31.2 43.2 64.8#
58 68.9 60.2 90.2



#46
Methyl methacrylate
Concen: 17.89 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 41 Resp: 97322
Ion Ratio Lower Upper
41 100
69 86.0 37.0 110.9
39 53.5 29.6 88.9





#47

n-amvl Acetate

Concen: 15.92 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

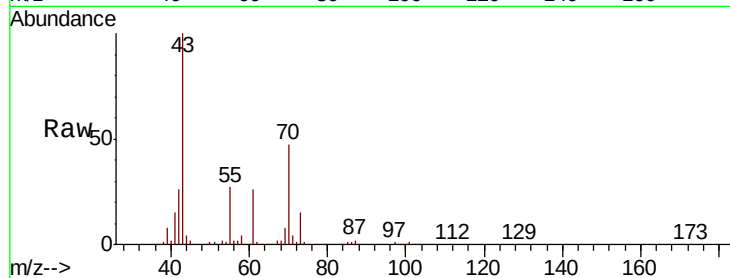
VSTDCCC020EC

Tot Ion: 43 Resp: 158518

Ion Ratio Lower Upper

43 100

55 26.9 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

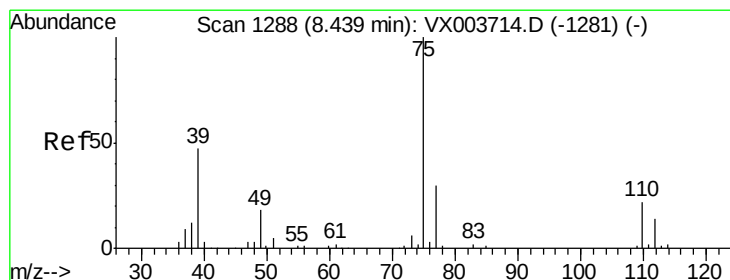
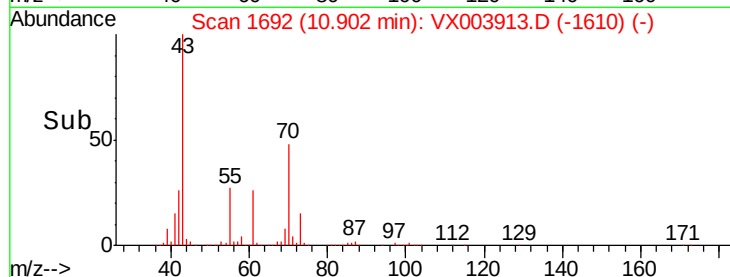
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 16.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003913.D

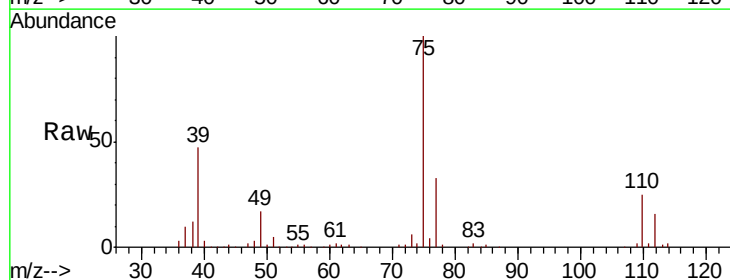
Acq: 08 Aug 2018 07:10

Tgt Ion: 75 Resp: 117810

Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

80000

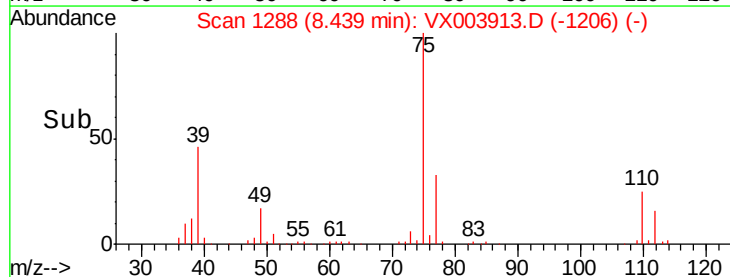
60000

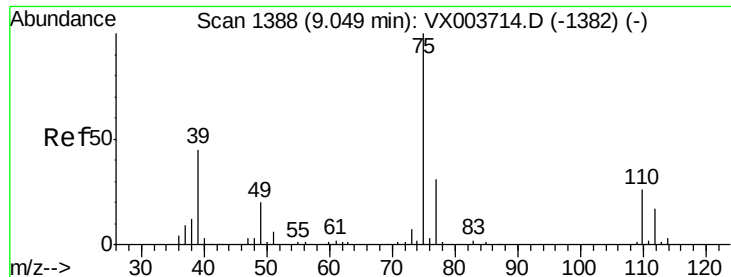
40000

20000

0

Time-->



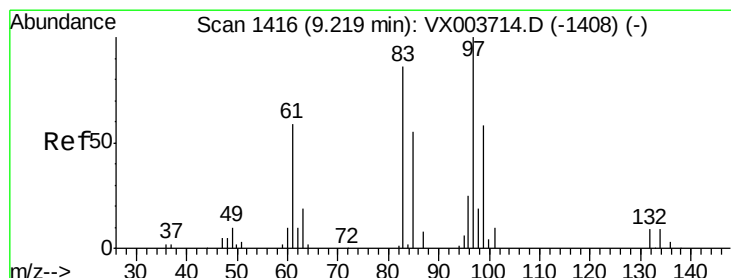
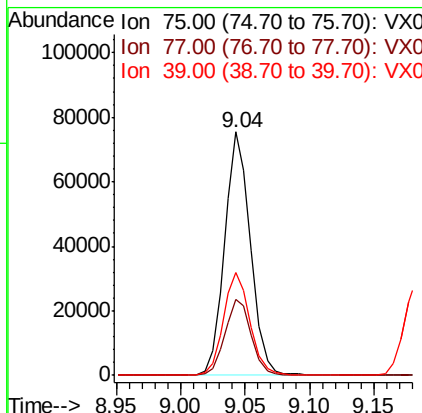
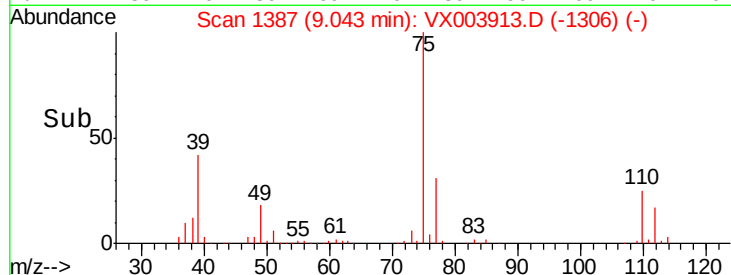
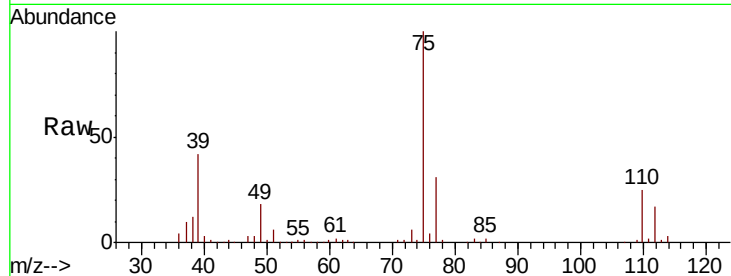


#49

cis-1,3-Dichloropropene
 Concen: 16.16 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

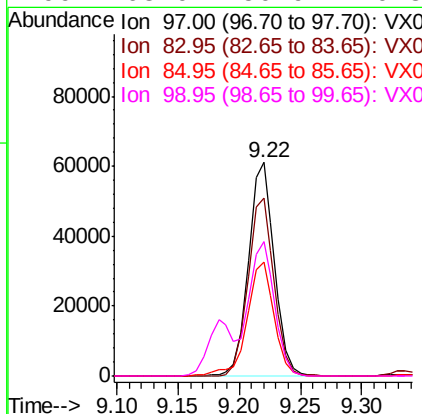
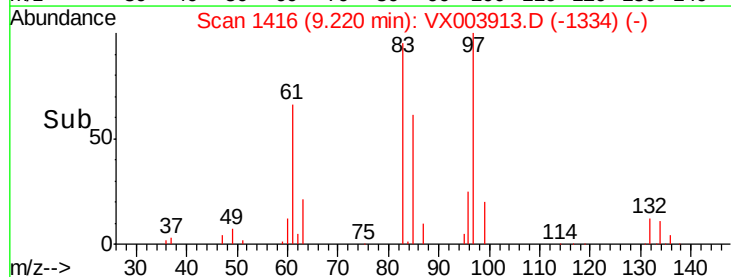
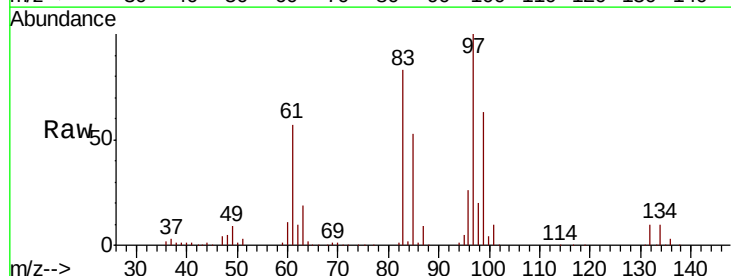
Tot Ion: 75 Resp: 106417
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2
 39 42.0 42.3 63.5#

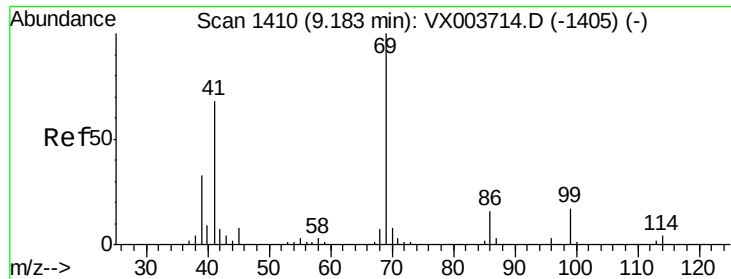


#50

1,1,2-Trichloroethane
 Concen: 18.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 97 Resp: 89564
 Ion Ratio Lower Upper
 97 100
 83 83.3 70.8 106.2
 85 53.4 43.5 65.3
 99 63.0 50.9 76.3





#51

Ethyl methacrylate

Concen: 17.23 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

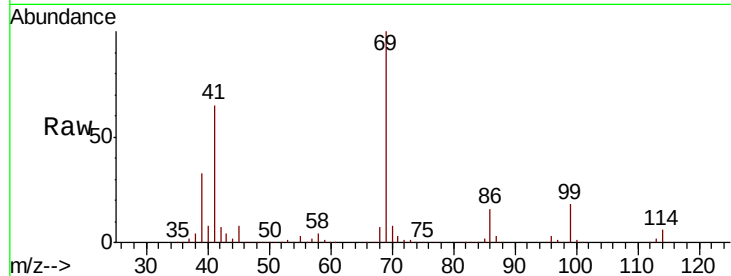
Tot Ion: 69 Resp: 124745

Ion Ratio Lower Upper

69 100

41 64.4 39.1 117.3

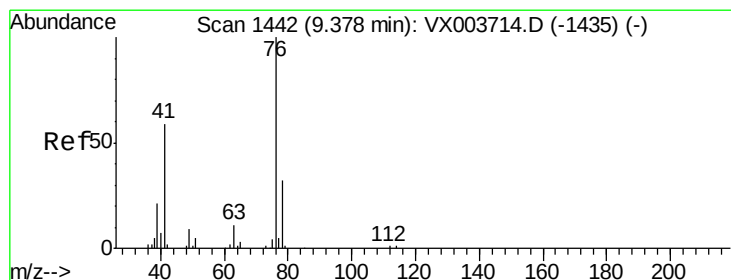
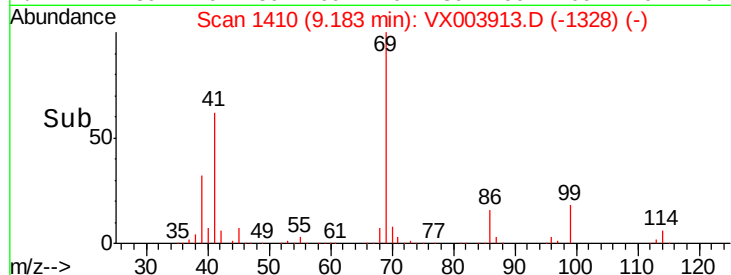
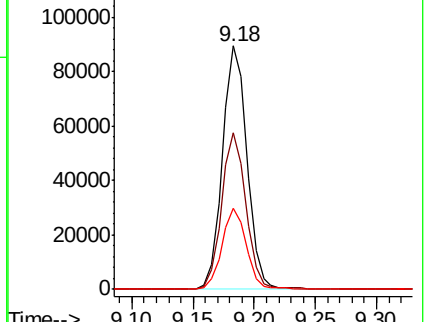
39 33.2 21.7 65.1



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



#52

1,3-Dichloropropane

Concen: 18.85 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003913.D

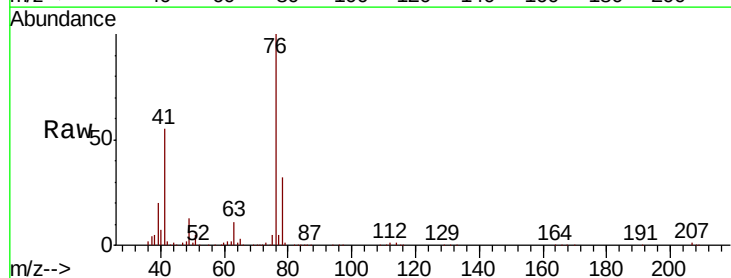
Acq: 08 Aug 2018 07:10

Tgt Ion: 76 Resp: 150822

Ion Ratio Lower Upper

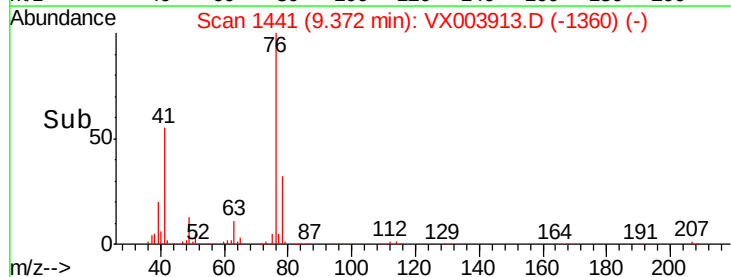
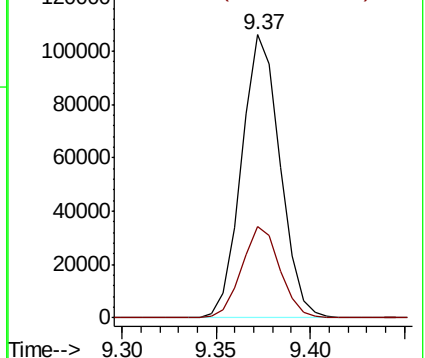
76 100

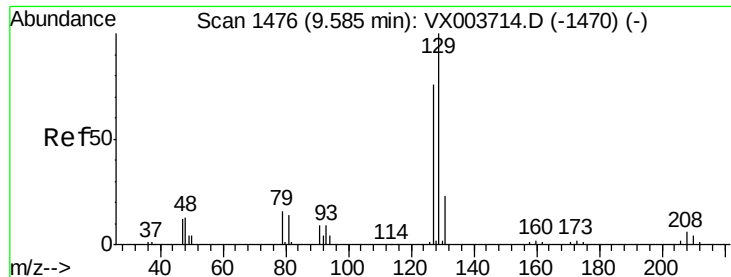
78 32.1 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.94 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

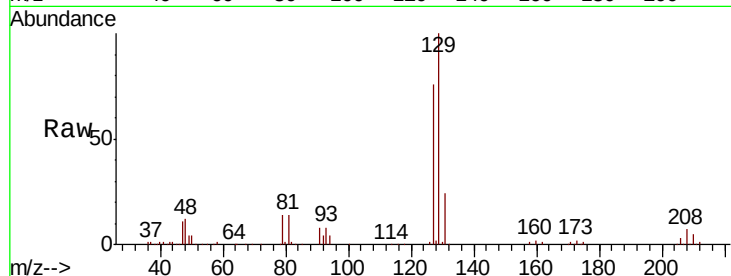
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 84731

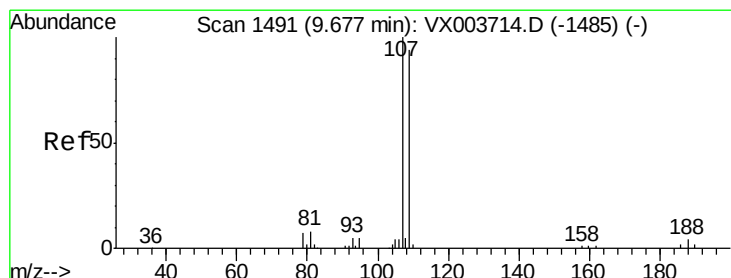
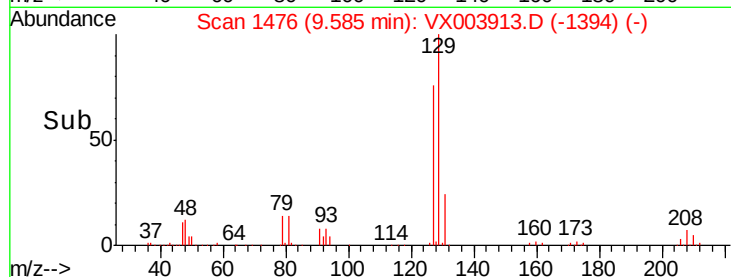
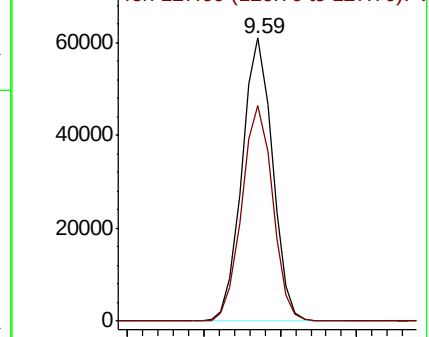
Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.23 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003913.D

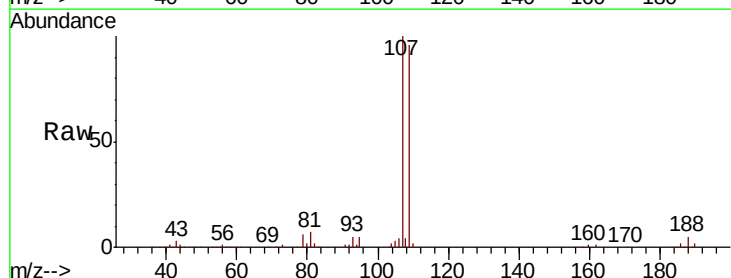
Acq: 08 Aug 2018 07:10

Tgt Ion:107 Resp: 91646

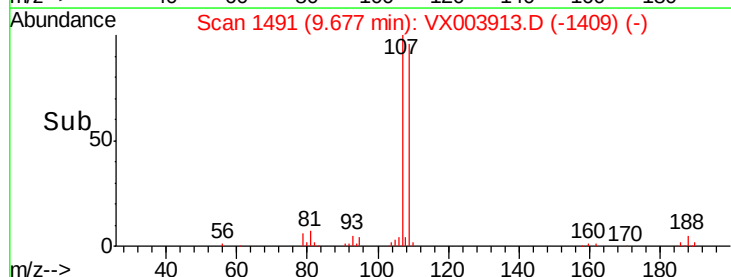
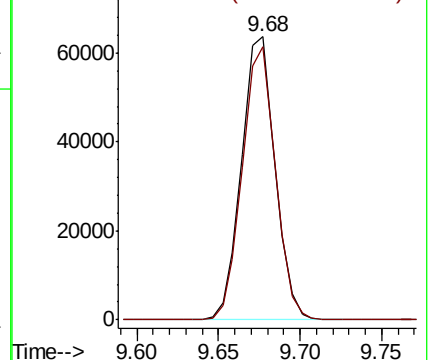
Ion Ratio Lower Upper

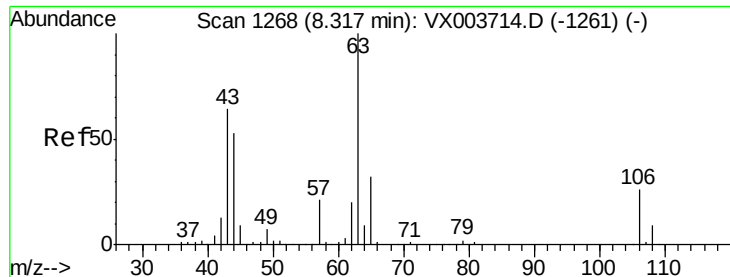
107 100

109 95.4 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

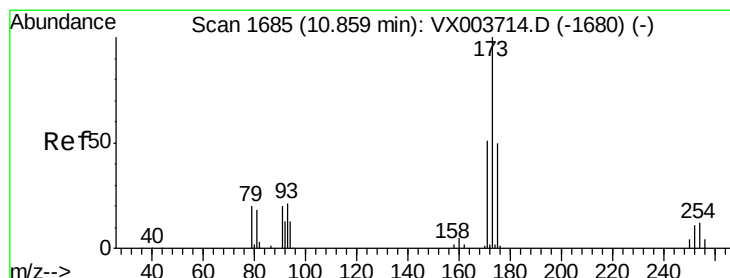
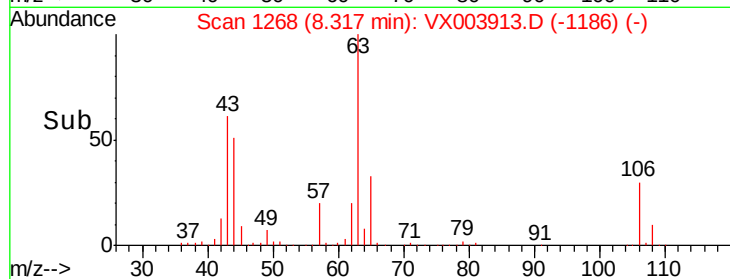
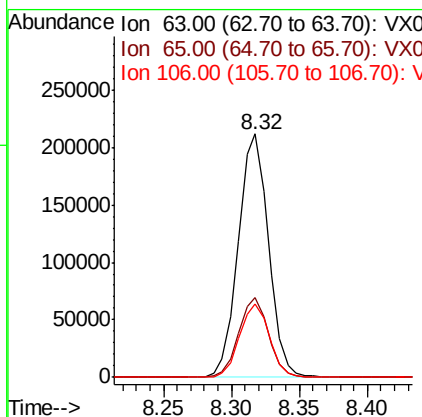
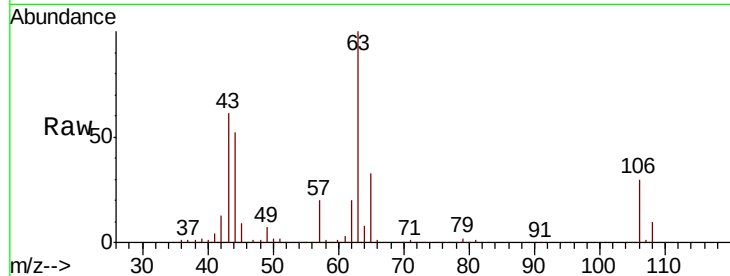




#55
2-Chloroethyl vinyl ether
Concen: 88.04 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

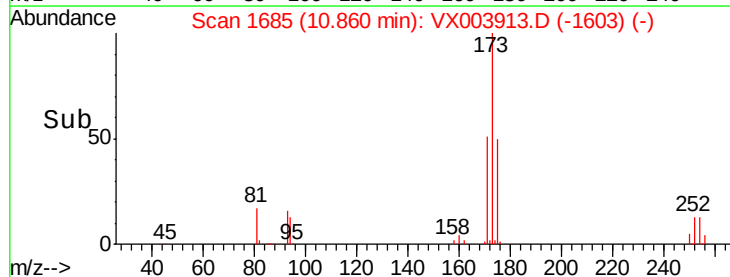
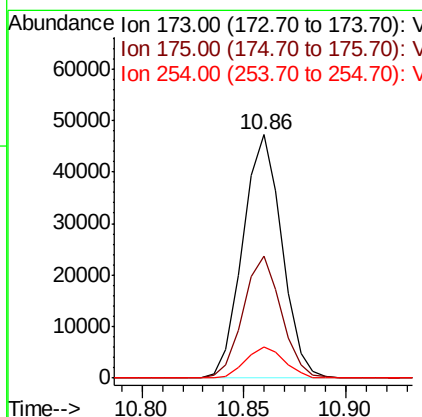
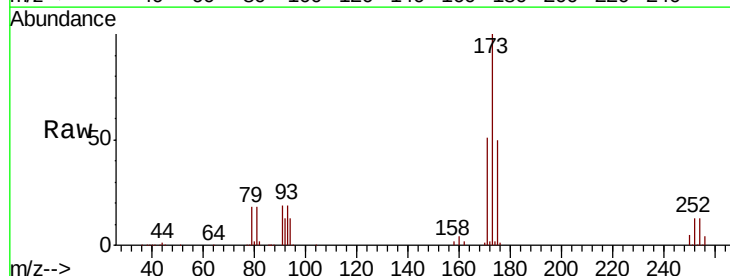
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

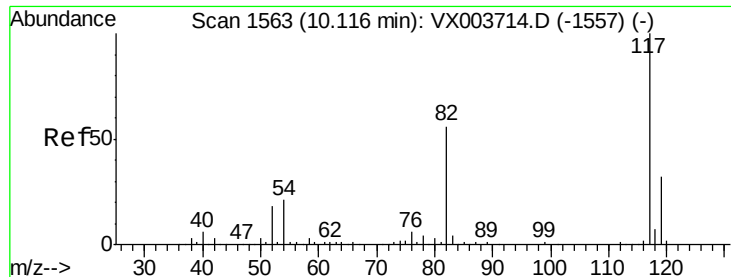
Tot Ion: 63 Resp: 328703
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 30.1 21.6 32.4



#56
Bromoform
Concen: 17.24 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:173 Resp: 63168
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 12.9 9.6 14.4

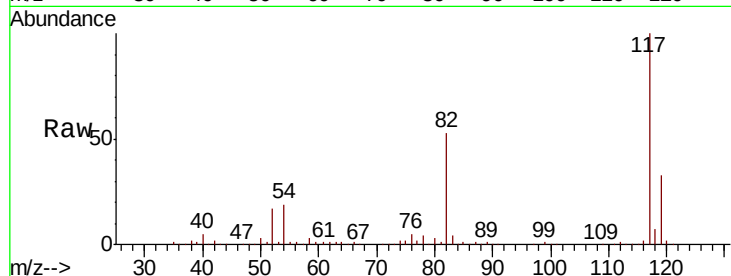




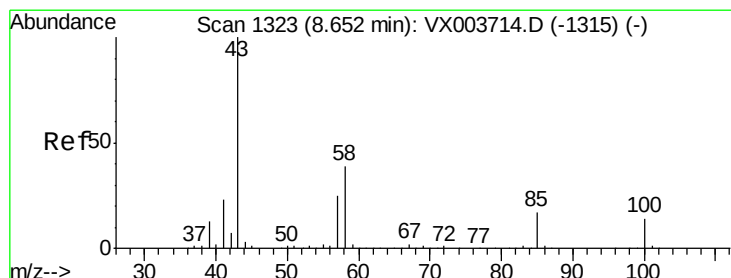
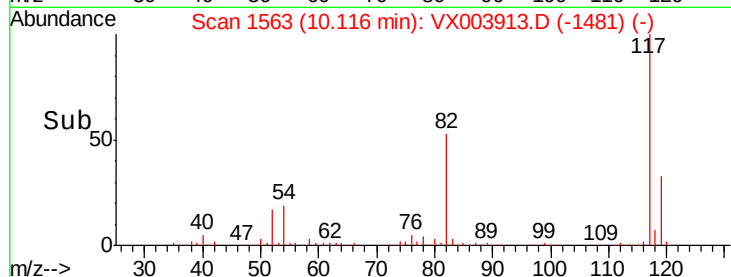
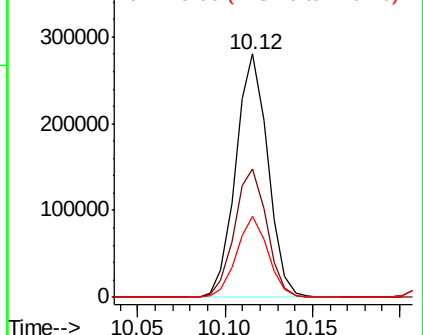
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 357824
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.5 25.7 38.5

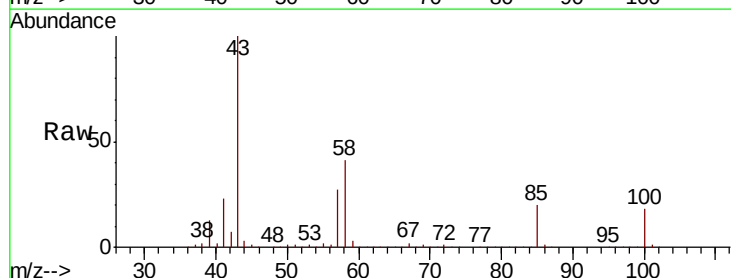


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

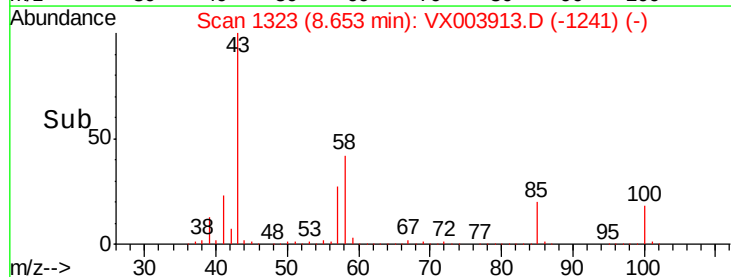
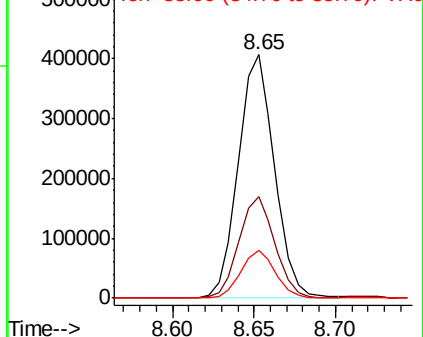


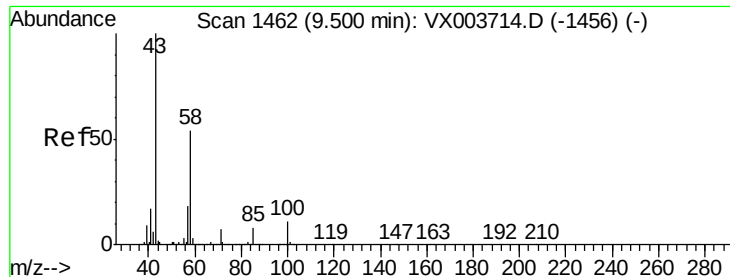
#58
4-Methyl-2-Pentanone
Concen: 92.89 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 43 Resp: 627616
Ion Ratio Lower Upper
43 100
58 41.3 28.2 42.4
85 19.1 12.4 18.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

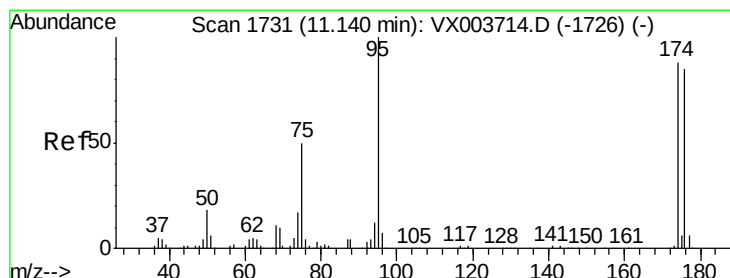
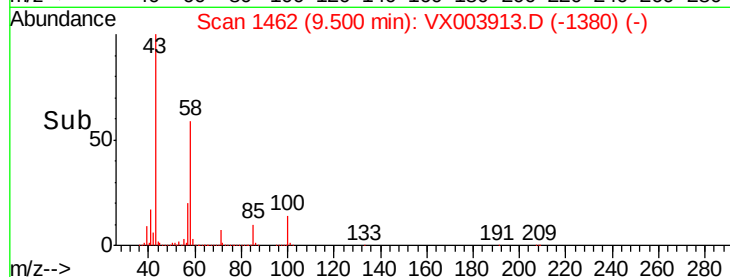
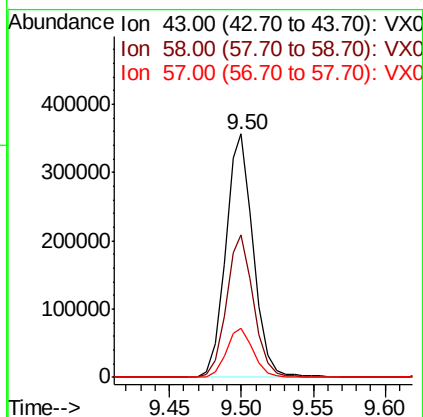
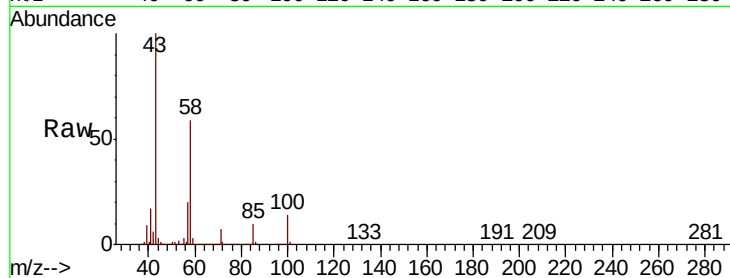




#59
2-Hexanone
Concen: 88.56 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

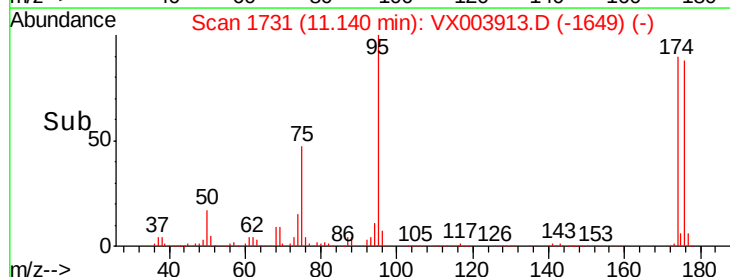
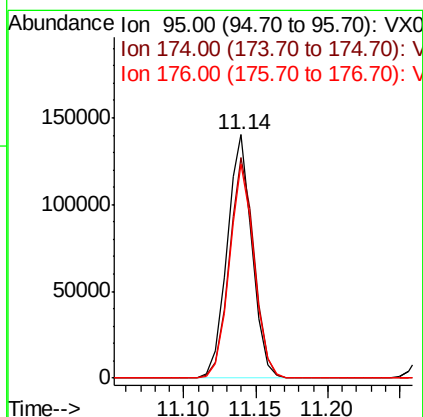
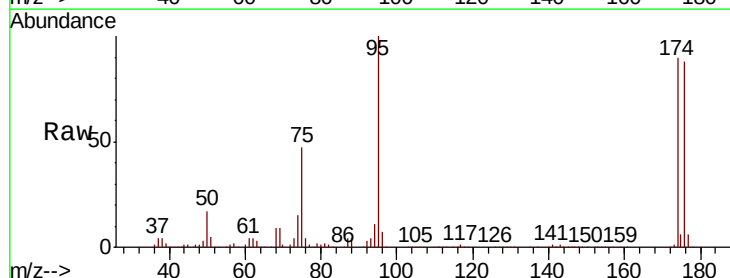
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

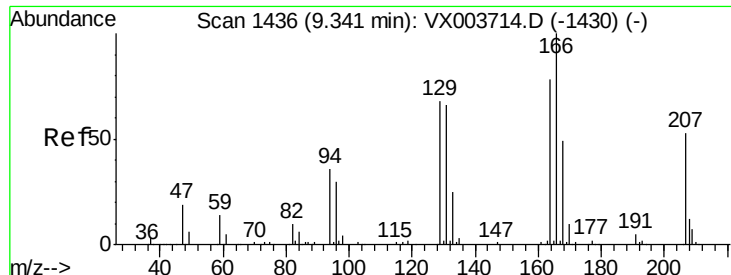
Tot Ion: 43 Resp: 476411
Ion Ratio Lower Upper
43 100
58 57.9 39.6 59.4
57 20.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 95 Resp: 170773
Ion Ratio Lower Upper
95 100
174 90.9 71.8 107.6
176 87.4 70.1 105.1

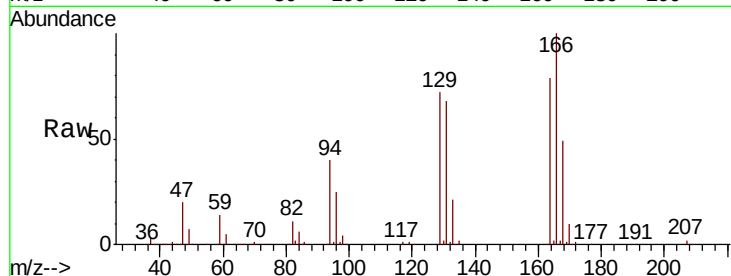




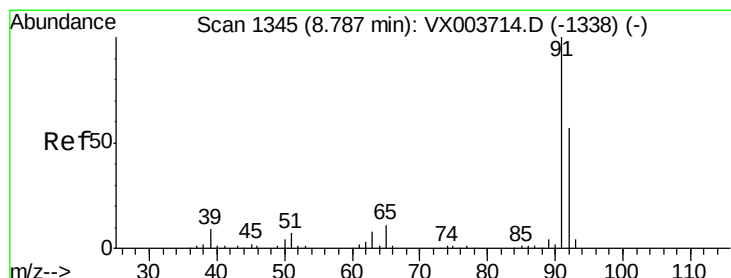
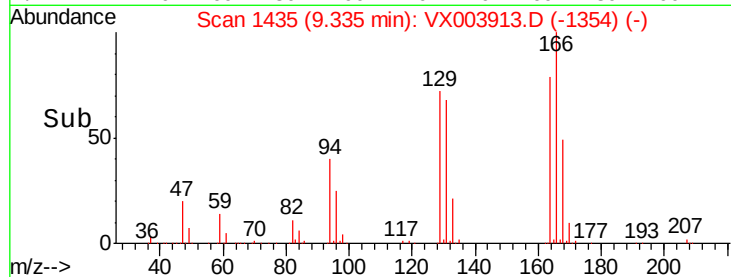
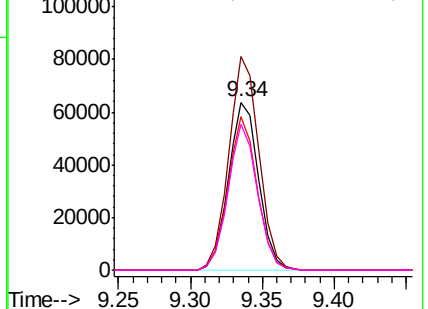
#61
Tetrachloroethene
Concen: 22.50 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:164 Resp: 93695
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 91.2 70.1 105.1
131 87.0 69.1 103.7

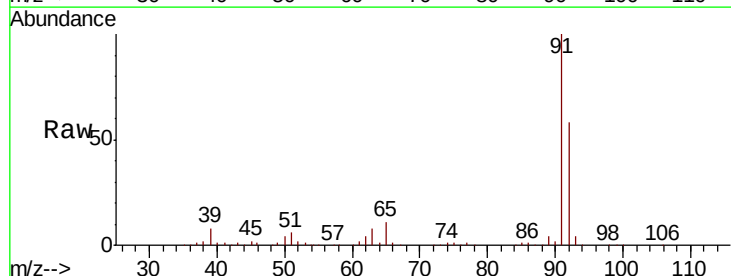


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

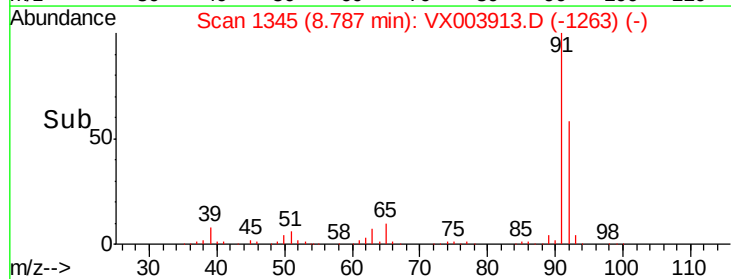
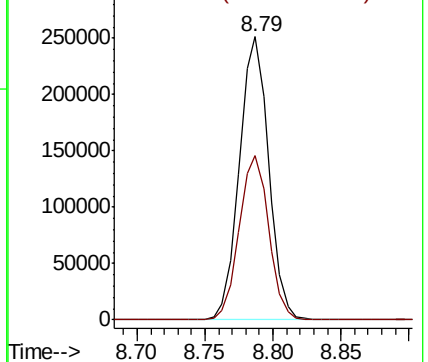


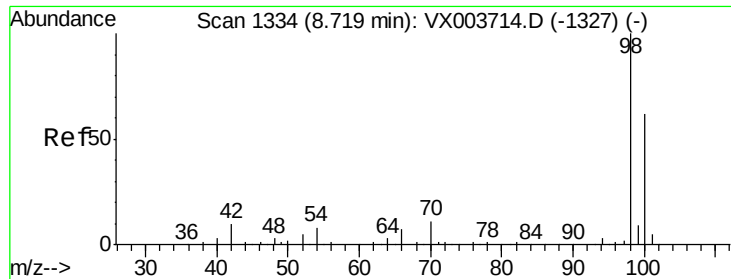
#62
Toluene
Concen: 20.38 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 91 Resp: 378493
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

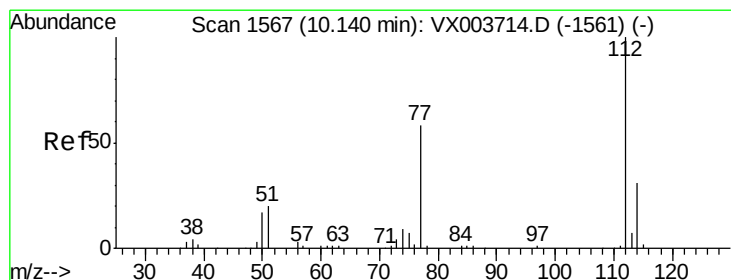
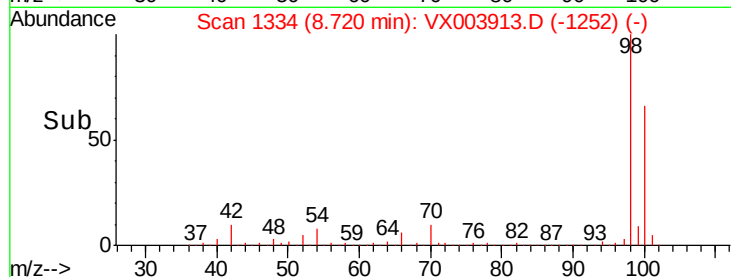
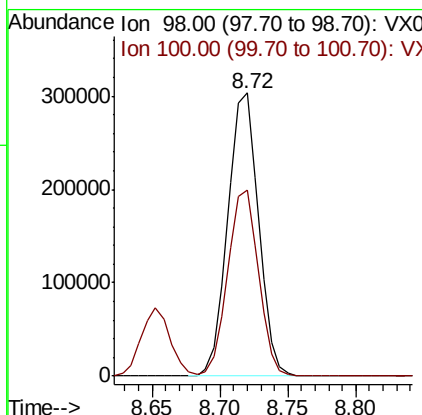
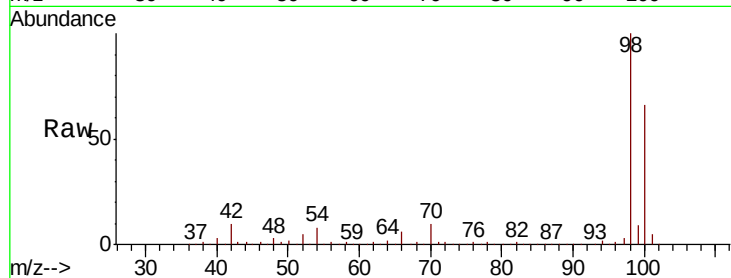




#63
Toluene-d8
Concen: 29.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

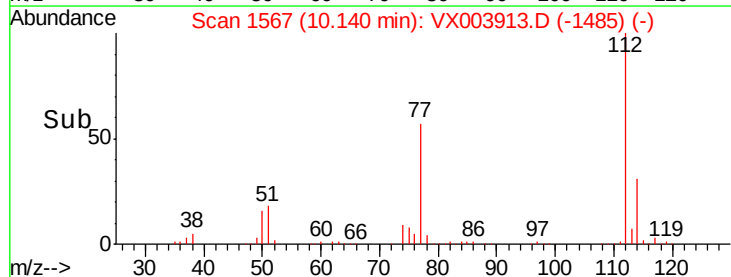
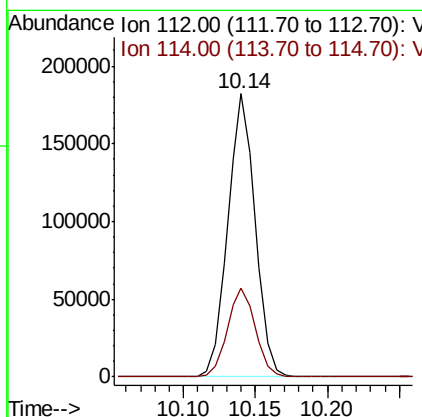
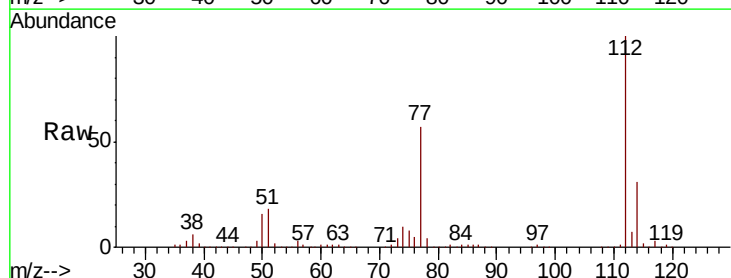
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

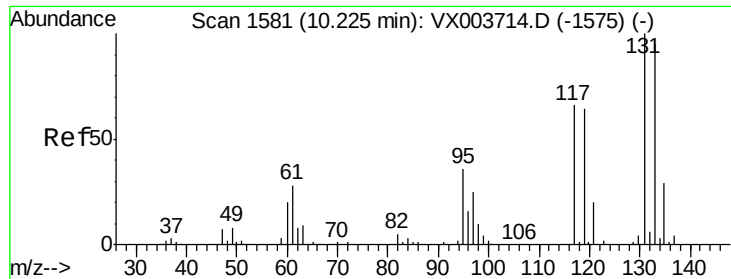
Tot Ion: 98 Resp: 477577
Ion Ratio Lower Upper
98 100
100 65.6 50.8 76.2



#64
Chlorobenzene
Concen: 20.26 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 112 Resp: 243210
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.82 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

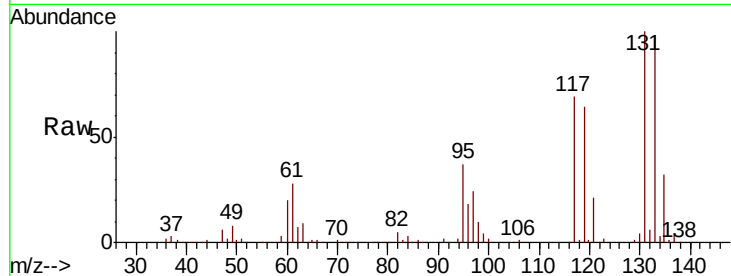
Tot Ion:131 Resp: 84173

Ion Ratio Lower Upper

131 100

133 96.5 0.0 191.2

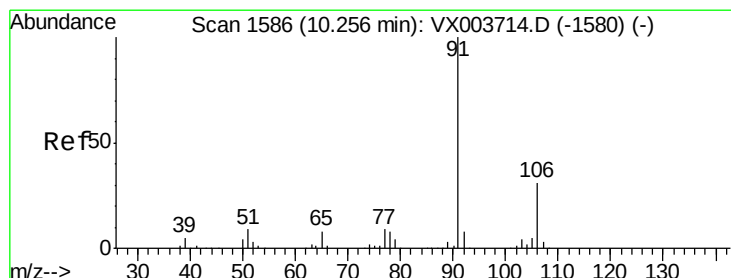
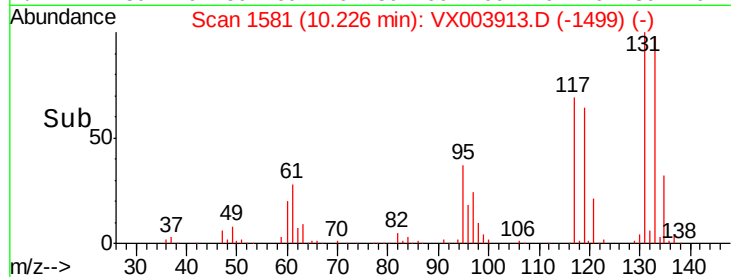
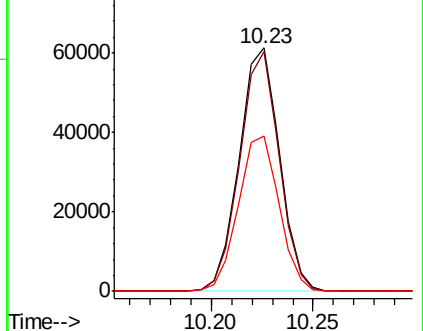
119 64.9 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.87 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003913.D

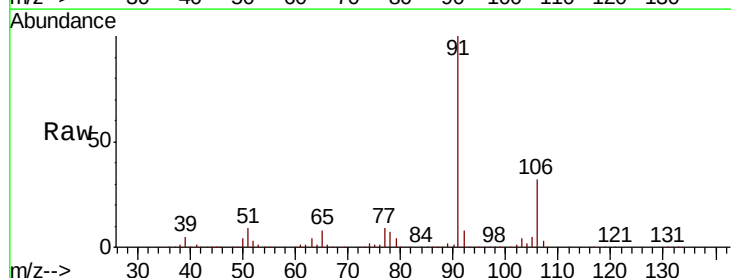
Acq: 08 Aug 2018 07:10

Tgt Ion: 91 Resp: 406108

Ion Ratio Lower Upper

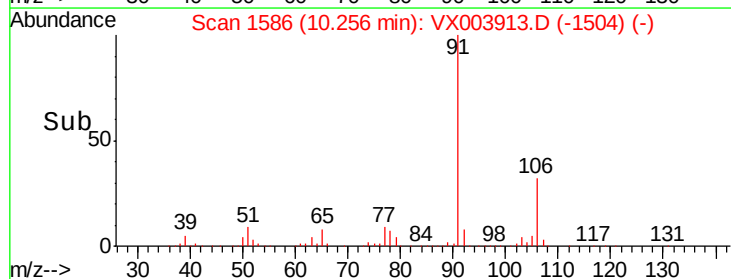
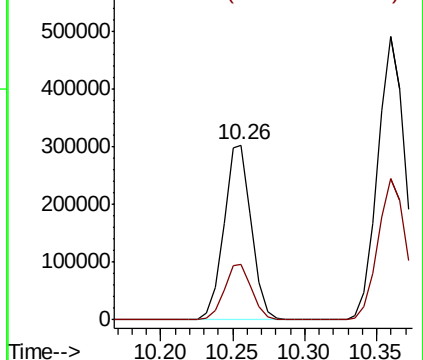
91 100

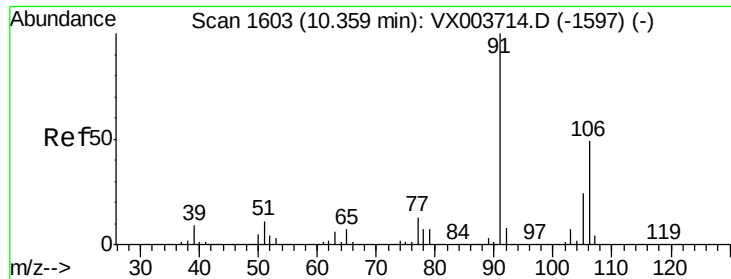
106 32.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

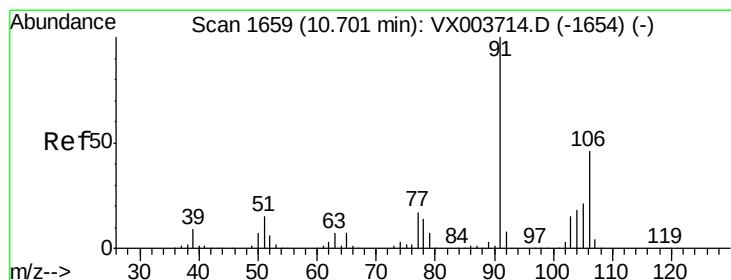
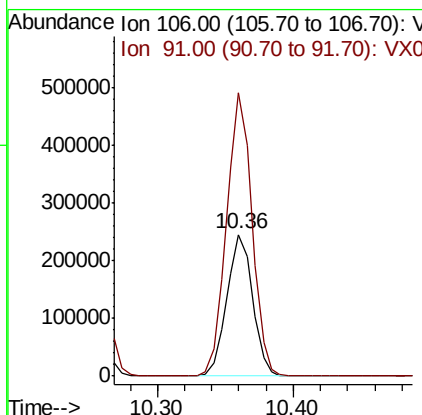
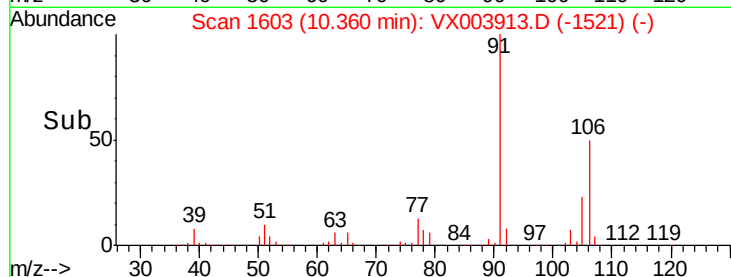
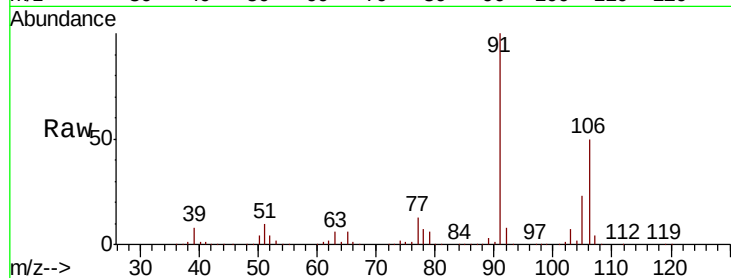




#67
m/p-Xylenes
Concen: 40.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

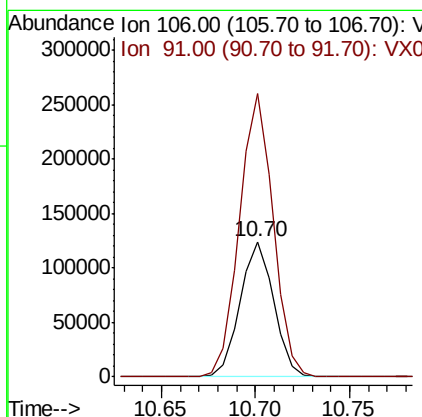
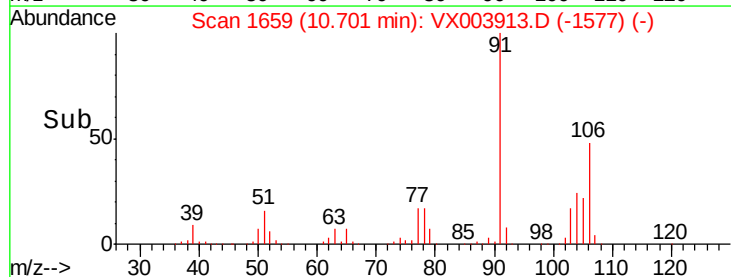
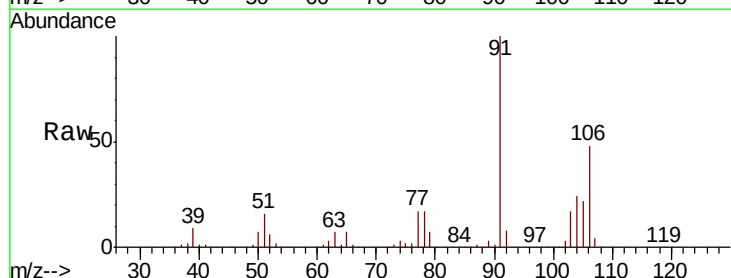
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

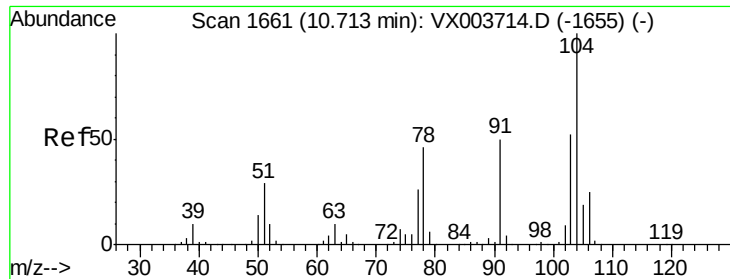
Tot Ion:106 Resp: 322110
Ion Ratio Lower Upper
106 100
91 198.3 164.1 246.1



#68
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:106 Resp: 154494
Ion Ratio Lower Upper
106 100
91 209.0 109.1 327.3

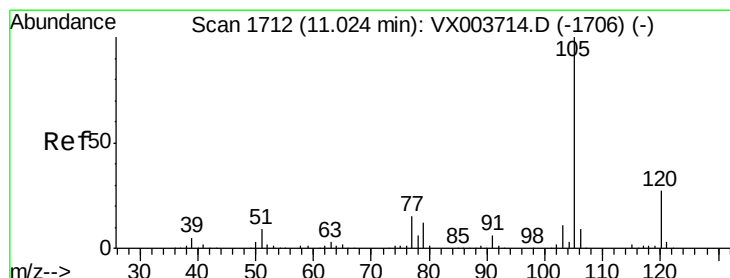
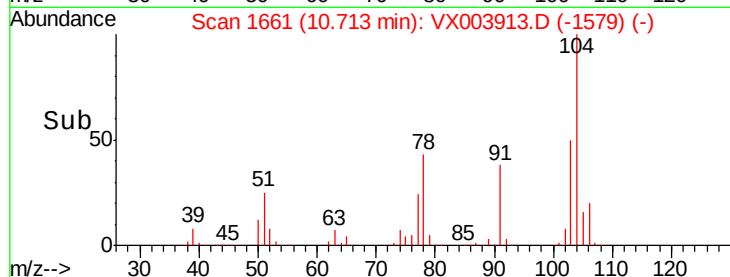
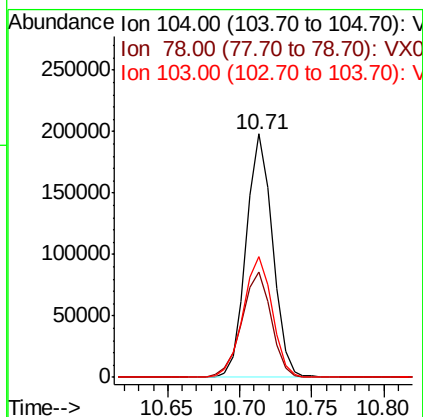
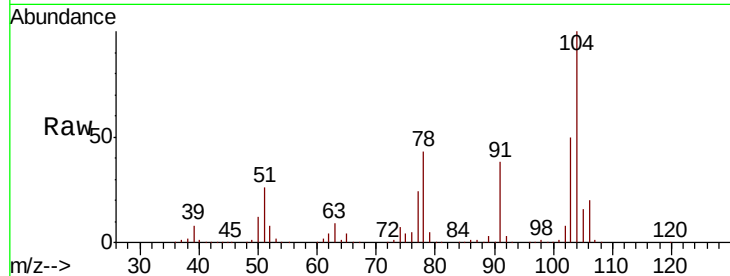




#69
Stvrene
Concen: 19.68 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

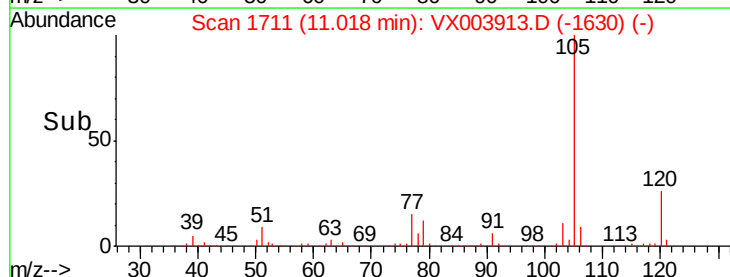
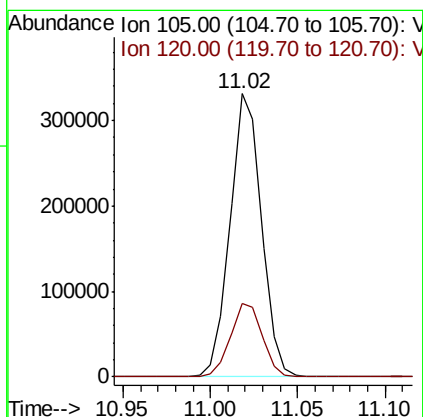
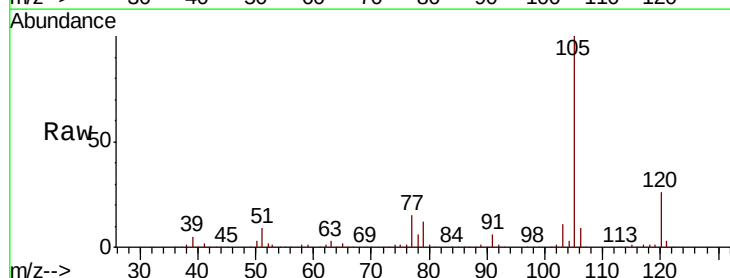
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

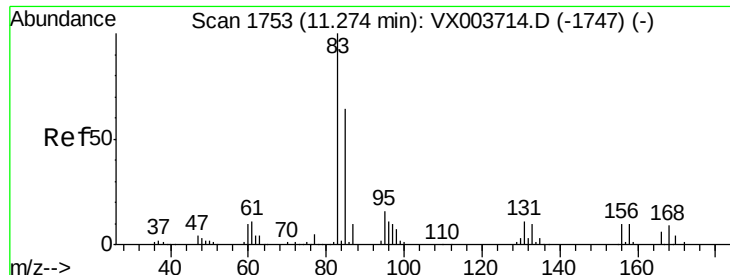
Tot Ion:104 Resp: 250919
Ion Ratio Lower Upper
104 100
78 48.3 41.8 62.8
103 55.0 44.9 67.3



#70
Isopropylbenzene
Concen: 19.98 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:105 Resp: 414278
Ion Ratio Lower Upper
105 100
120 26.5 19.0 35.2

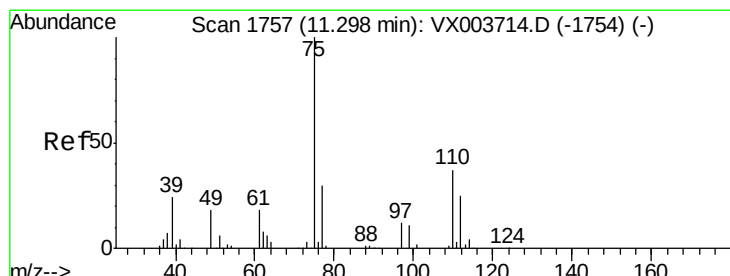
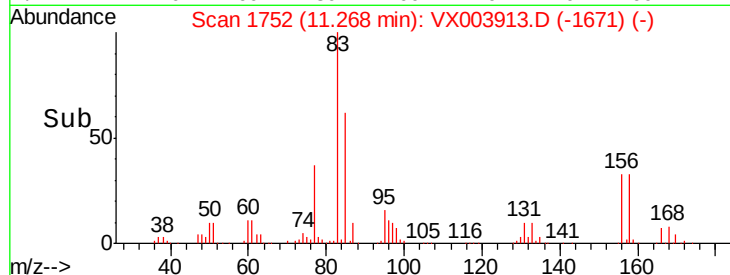
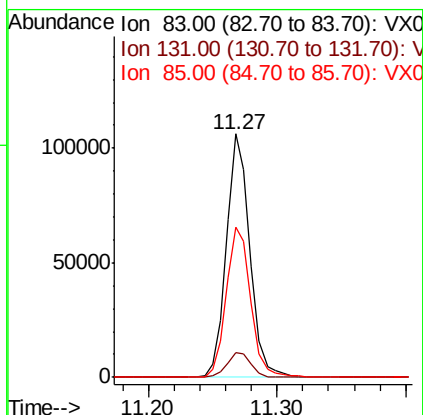
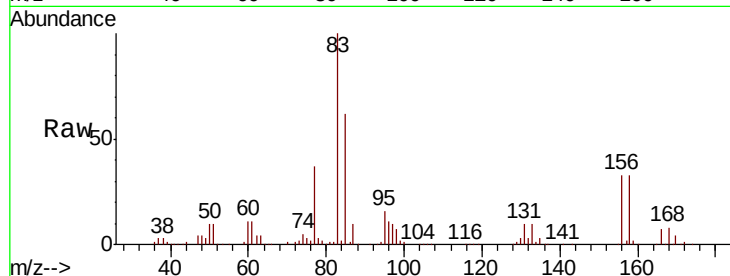




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.42 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

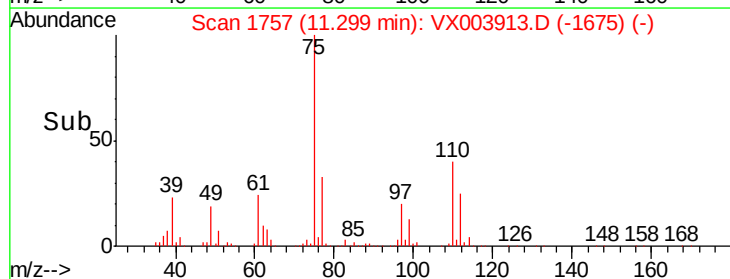
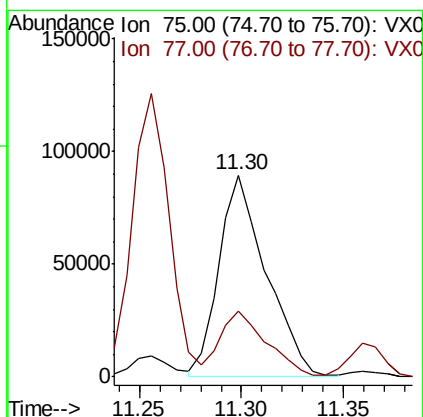
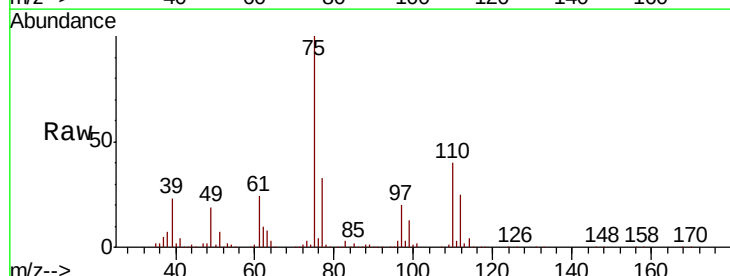
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

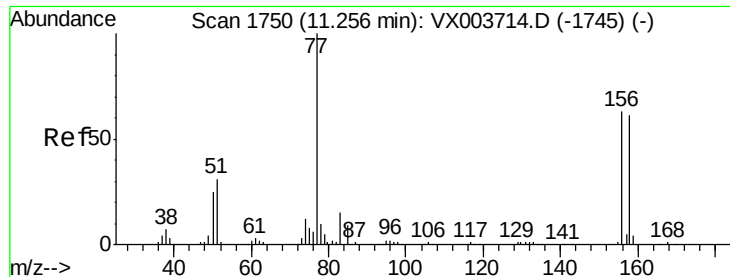
Tot Ion: 83 Resp: 136353
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.1 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 23.43 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 75 Resp: 144261
 Ion Ratio Lower Upper
 75 100
 77 32.2 0.0 71.8

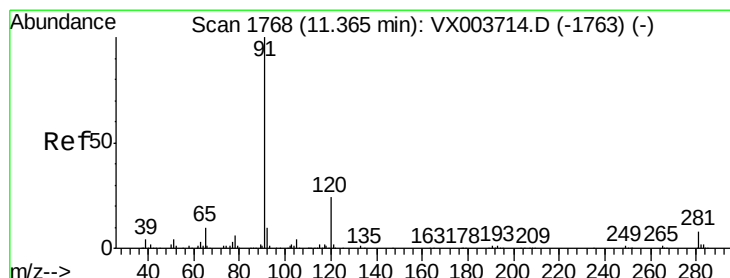
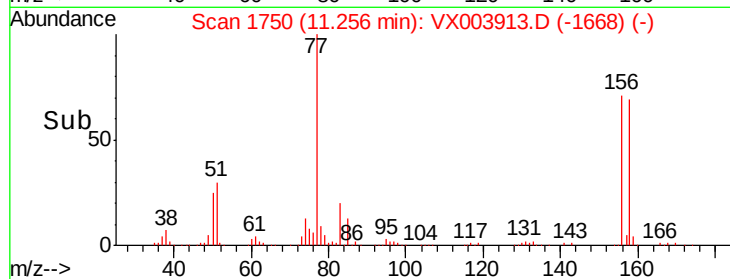
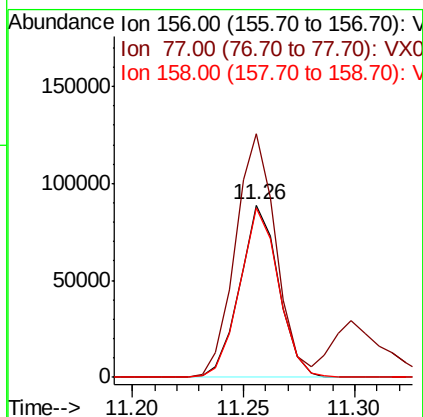
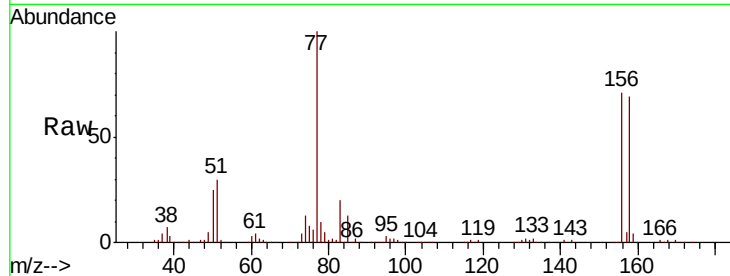




#73
Bromobenzene
Concen: 19.33 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

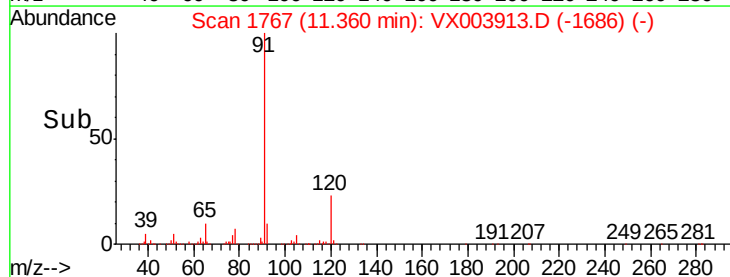
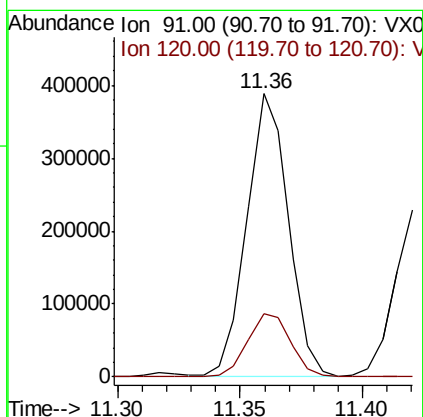
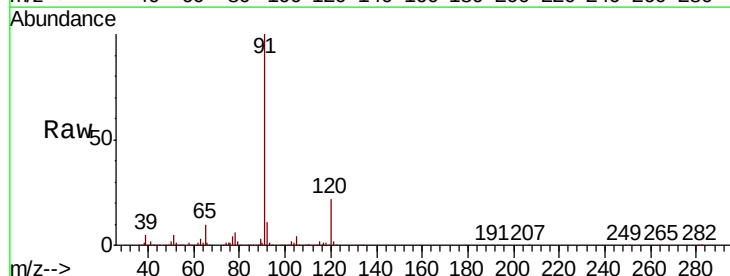
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

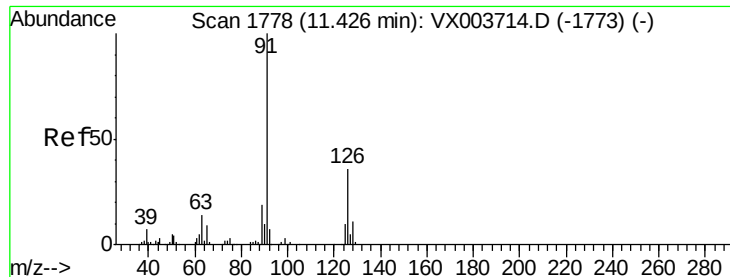
Tot Ion:156 Resp: 108038
Ion Ratio Lower Upper
156 100
77 147.4 0.0 301.0
158 99.2 0.0 196.2



#74
n-propylbenzene
Concen: 18.97 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion: 91 Resp: 463391
Ion Ratio Lower Upper
91 100
120 23.3 0.0 46.2





#75

2-Chlorotoluene

Concen: 19.70 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

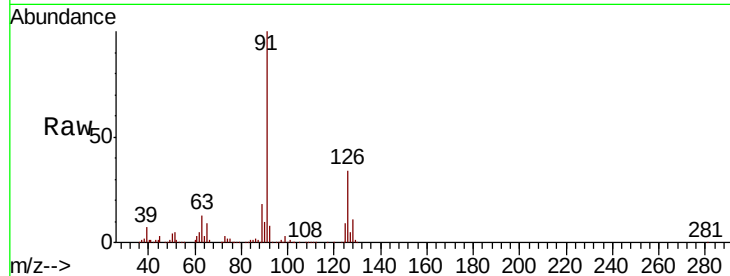
VSTDCCC020EC

Tot Ion: 91 Resp: 283627

Ion Ratio Lower Upper

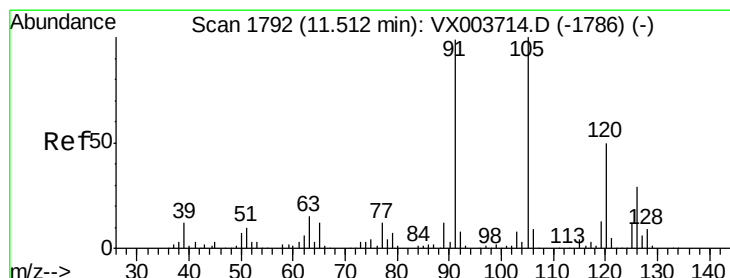
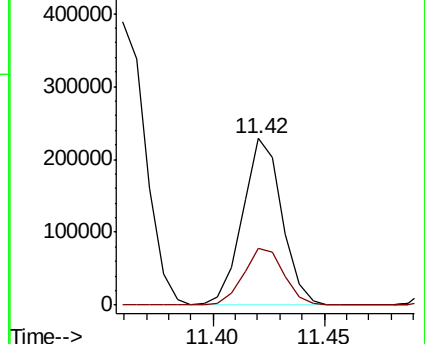
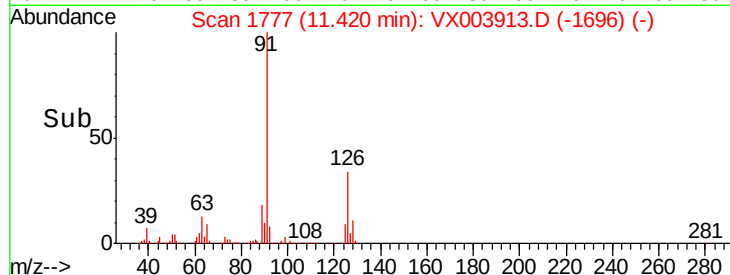
91 100

126 35.0 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.27 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003913.D

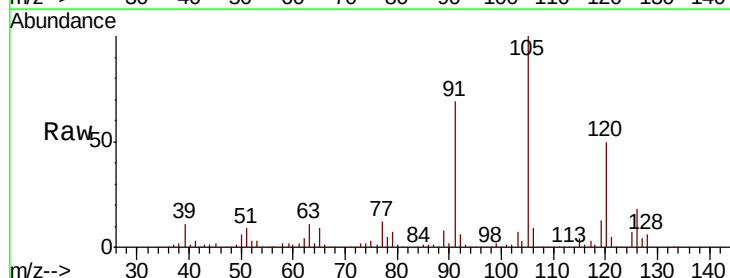
Acq: 08 Aug 2018 07:10

Tgt Ion:105 Resp: 339099

Ion Ratio Lower Upper

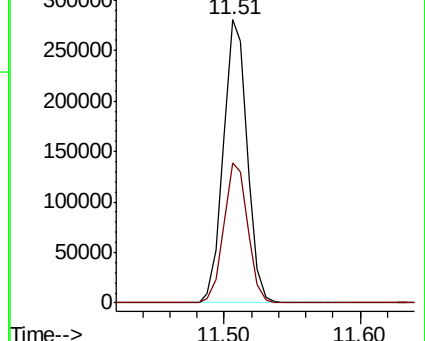
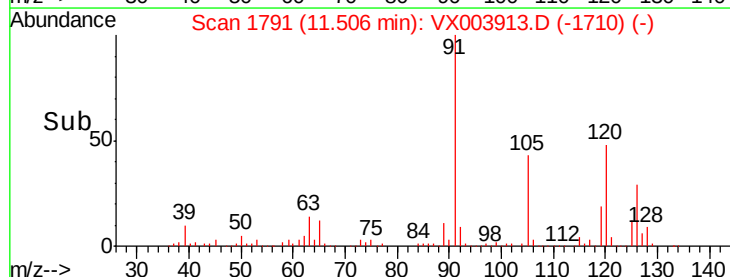
105 100

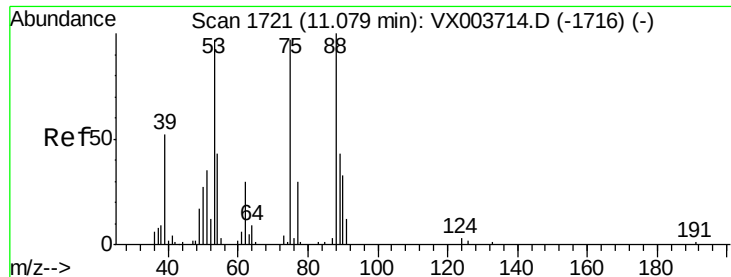
120 49.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 13.60 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

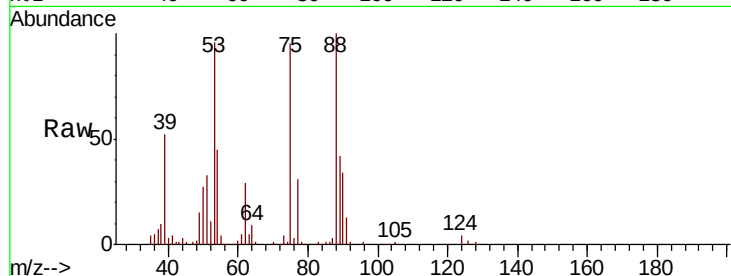
Tot Ion: 75 Resp: 28535

Ion Ratio Lower Upper

75 100

53 100.6 48.3 144.9

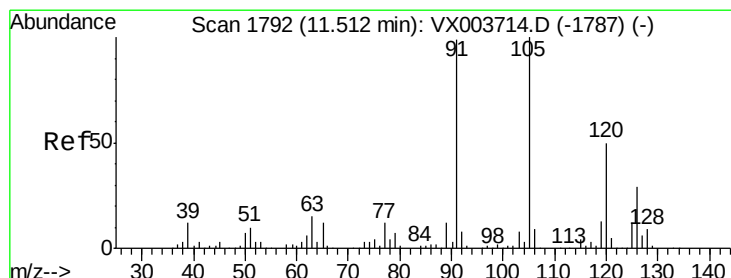
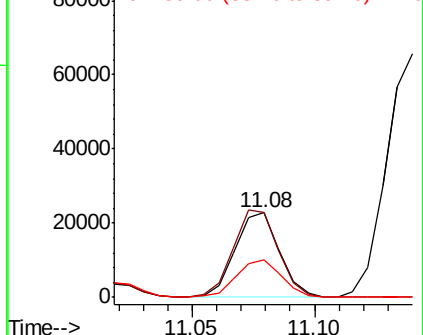
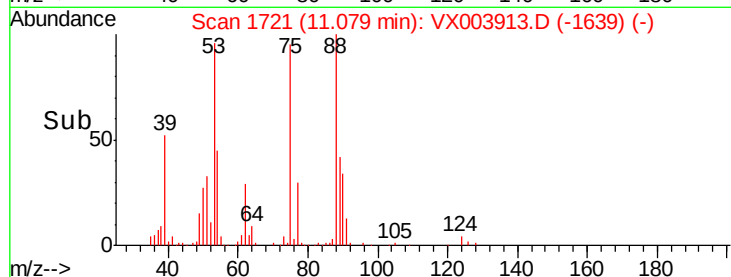
89 44.5 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003913.D

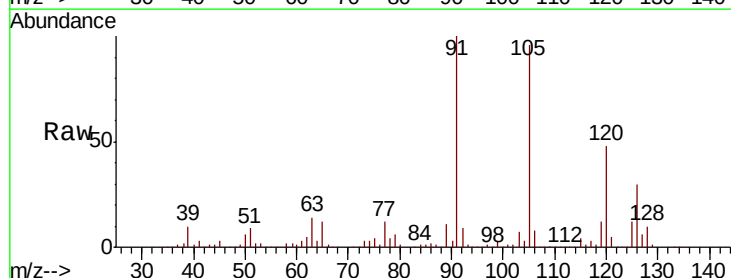
Acq: 08 Aug 2018 07:10

Tgt Ion: 91 Resp: 326588

Ion Ratio Lower Upper

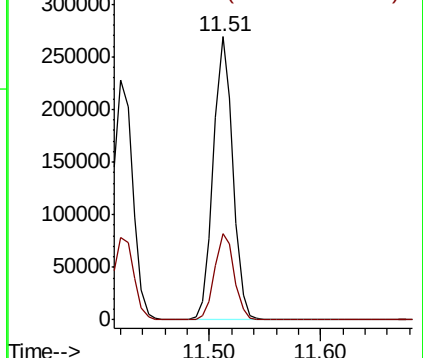
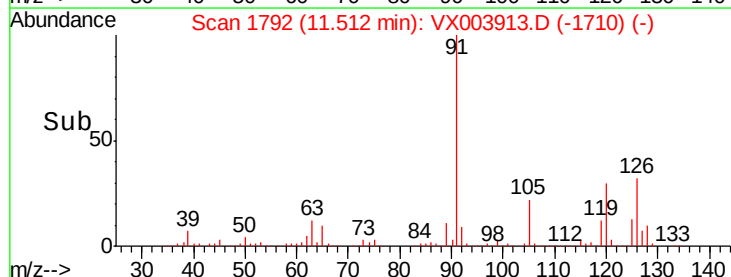
91 100

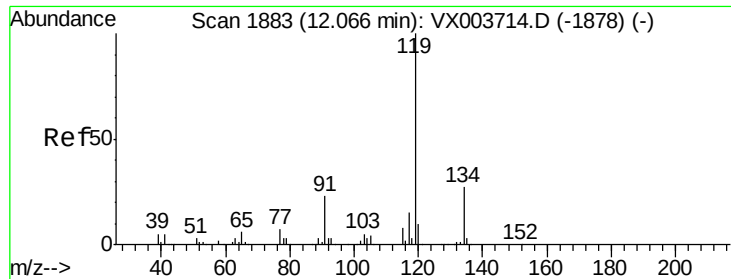
126 30.6 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

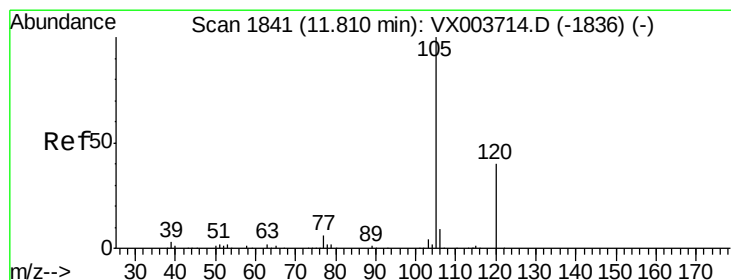
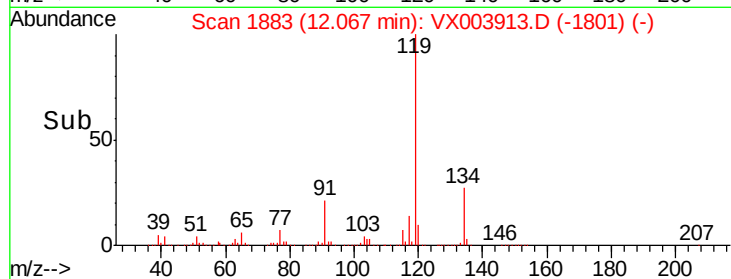
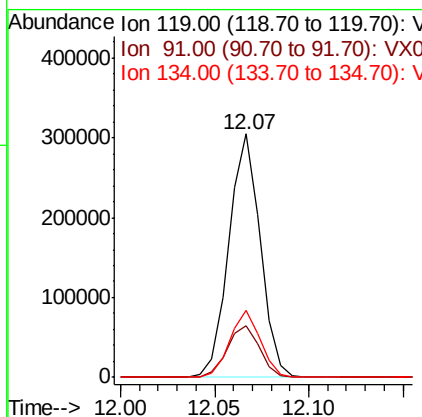
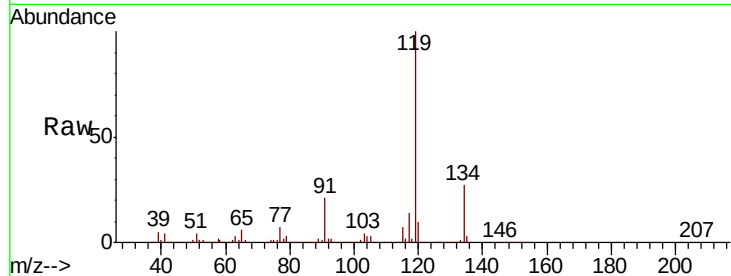




#79
tert-butylbenzene
Concen: 19.42 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

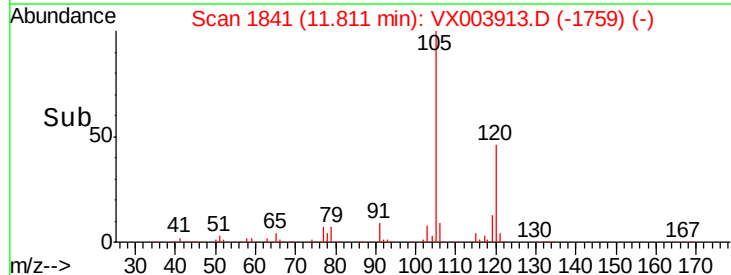
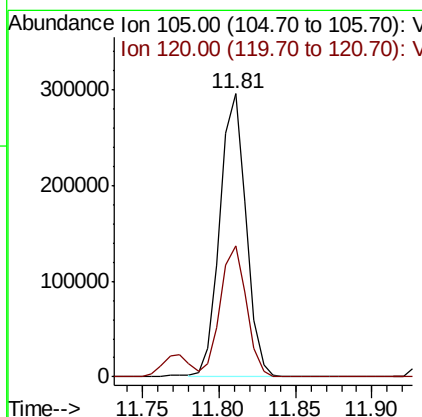
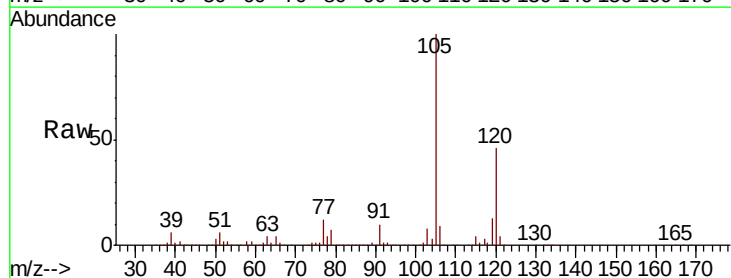
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

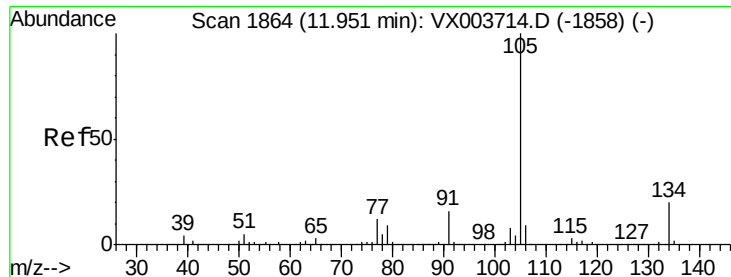
Tot Ion:119 Resp: 351562
Ion Ratio Lower Upper
119 100
91 21.8 0.0 48.0
134 26.8 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 19.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003913.D
Acq: 08 Aug 2018 07:10

Tgt Ion:105 Resp: 352555
Ion Ratio Lower Upper
105 100
120 46.0 0.0 89.2





#81

sec-Butylbenzene

Concen: 19.25 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

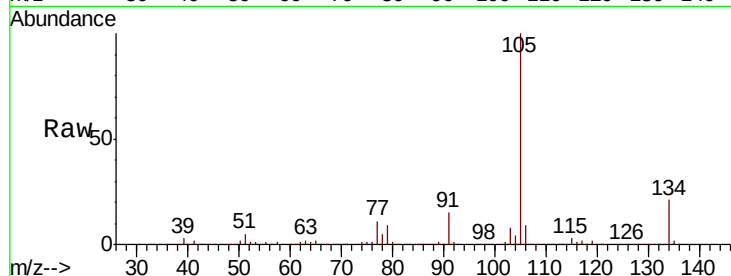
VSTDCCC020EC

Tot Ion:105 Resp: 394492

Ion Ratio Lower Upper

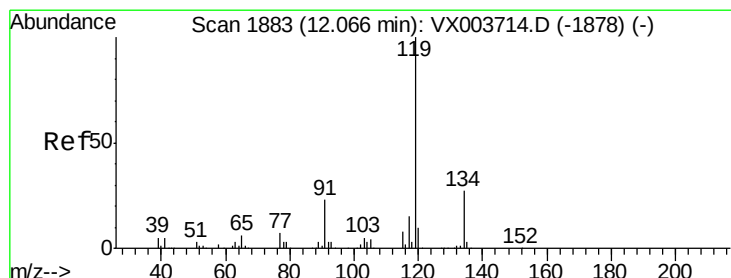
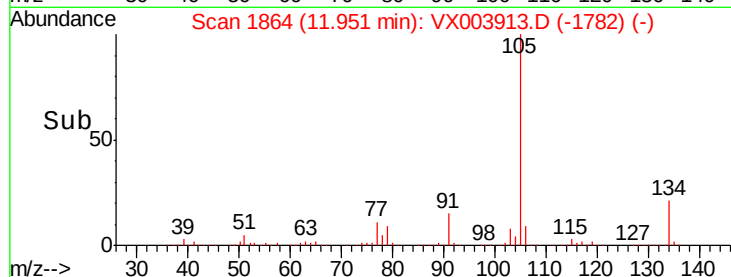
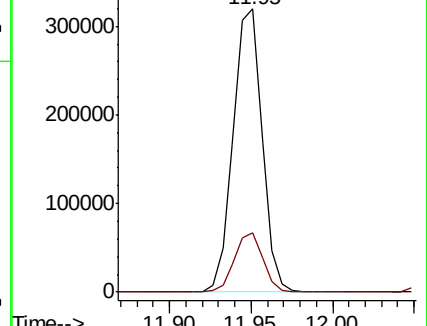
105 100

134 20.7 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.42 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

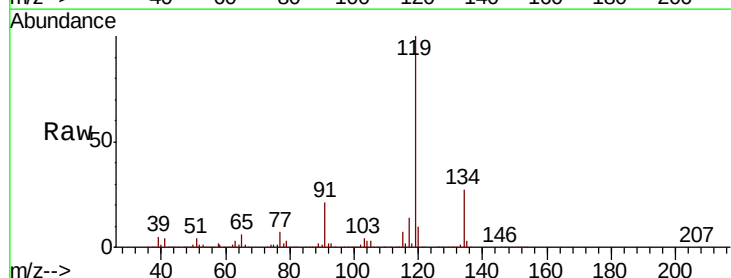
Tgt Ion:119 Resp: 351562

Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.6

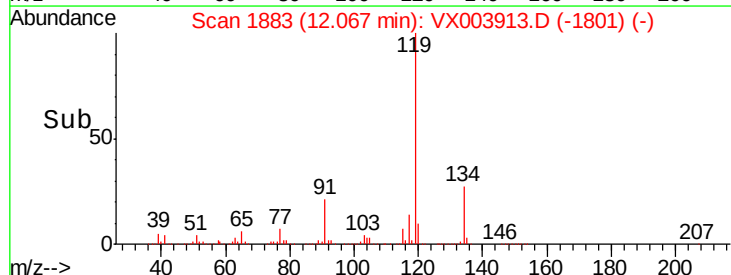
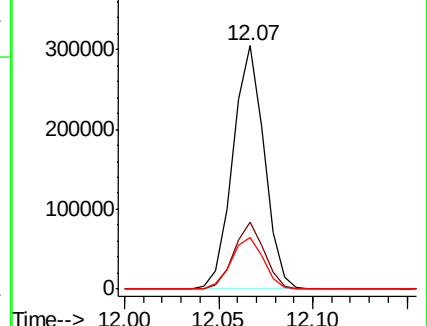
91 21.8 0.0 48.0

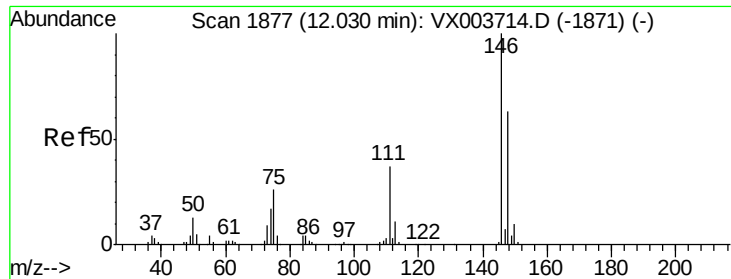


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 19.54 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

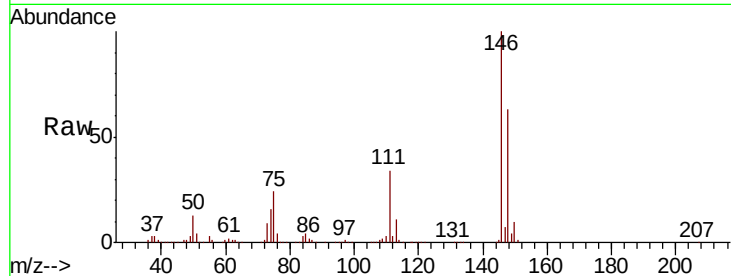
Tot Ion:146 Resp: 199397

Ion Ratio Lower Upper

146 100

111 36.3 19.1 57.5

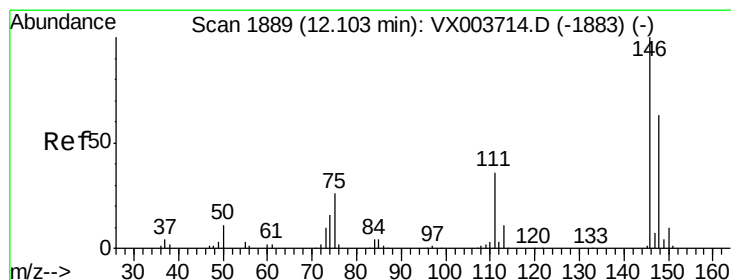
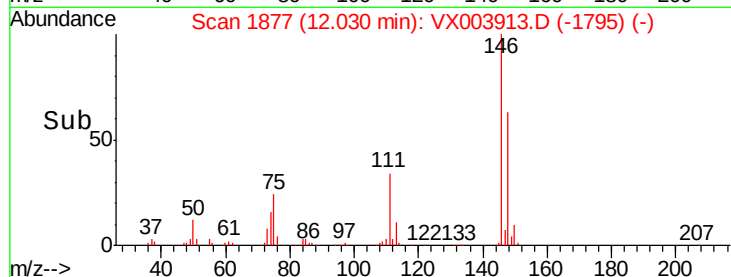
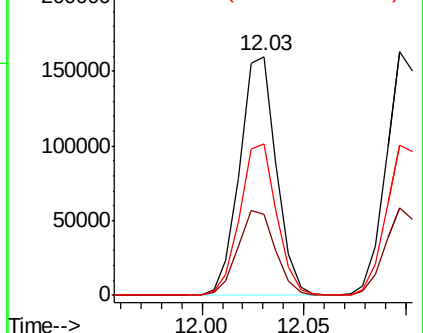
148 63.6 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.62 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

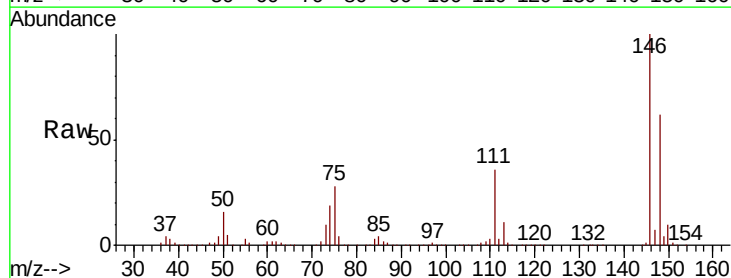
Tgt Ion:146 Resp: 201584

Ion Ratio Lower Upper

146 100

111 35.7 18.5 55.5

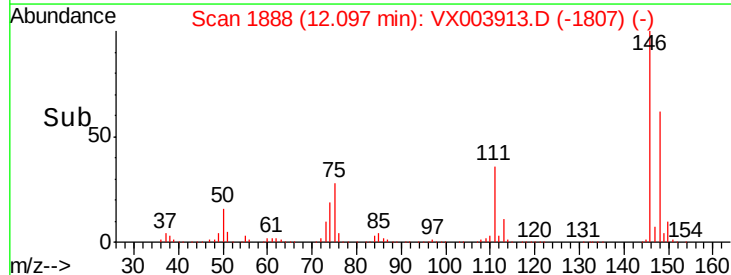
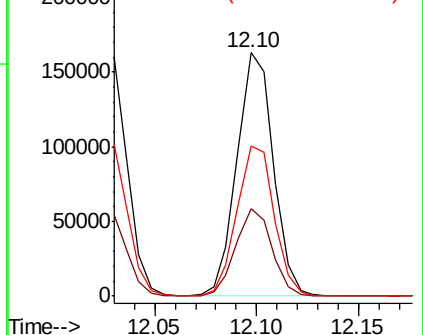
148 63.3 32.0 96.0

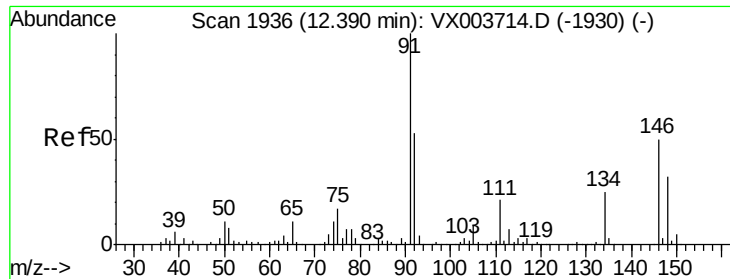


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 15.87 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

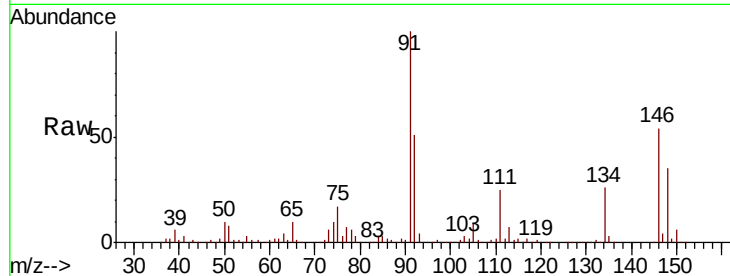
Tot Ion: 91 Resp: 255078

Ion Ratio Lower Upper

91 100

92 52.5 0.0 105.2

134 26.6 0.0 53.2

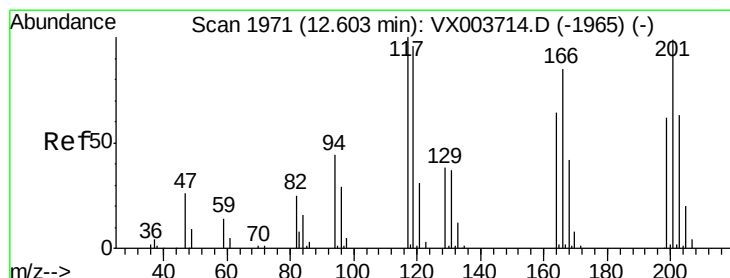
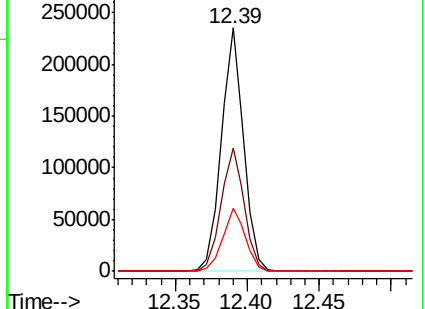
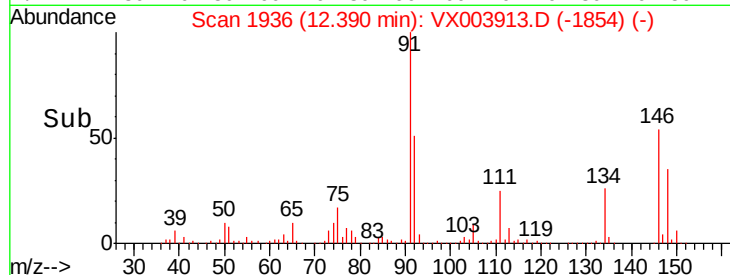


Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX003714.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX003714.D (-1930) (-)

Time-->



#86

Hexachloroethane

Concen: 16.09 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003913.D

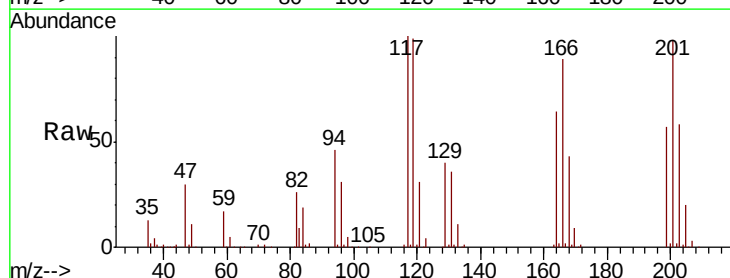
Acq: 08 Aug 2018 07:10

Tgt Ion: 117 Resp: 46921

Ion Ratio Lower Upper

117 100

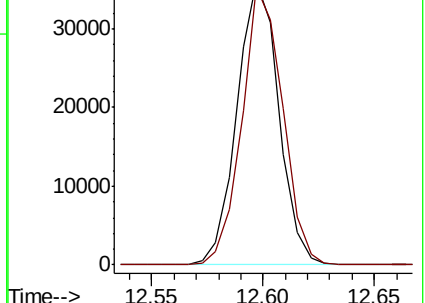
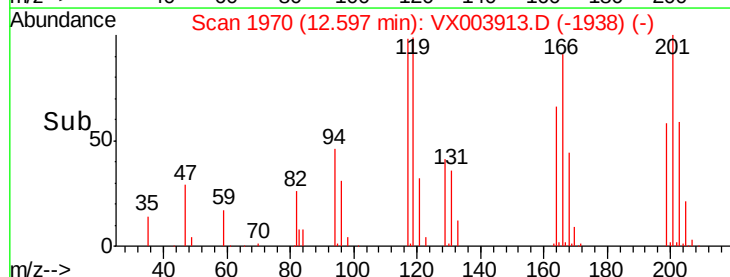
201 95.4 47.6 142.8

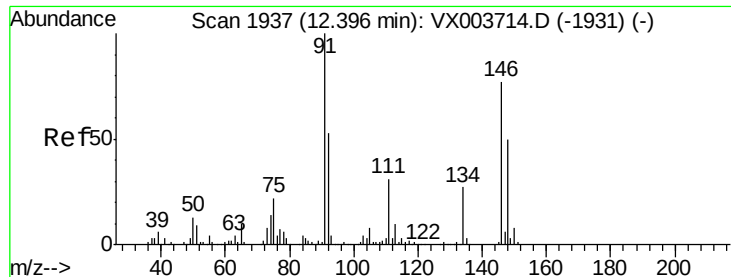


Abundance Ion 117.00 (116.70 to 117.70): VX003714.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX003714.D (-1965) (-)

Time-->

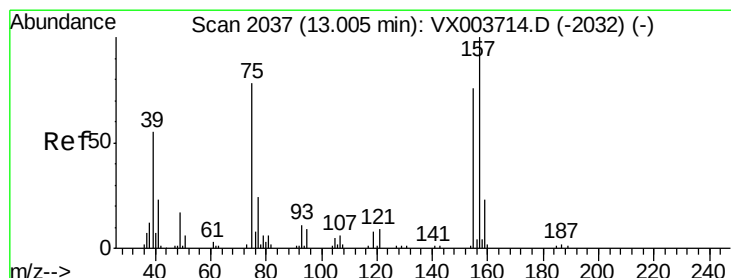
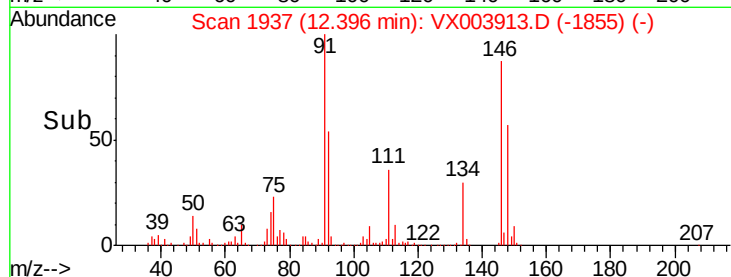
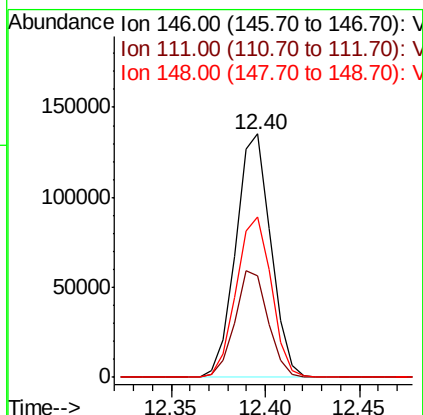
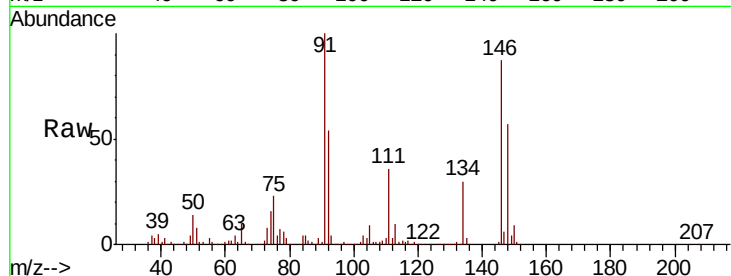




#87
 1,2-Dichlorobenzene
 Concen: 17.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

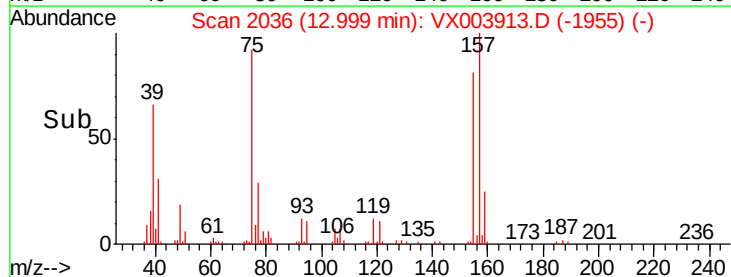
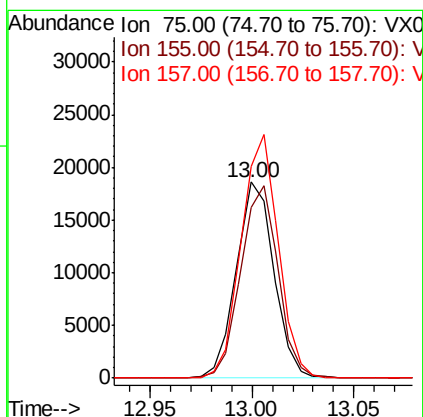
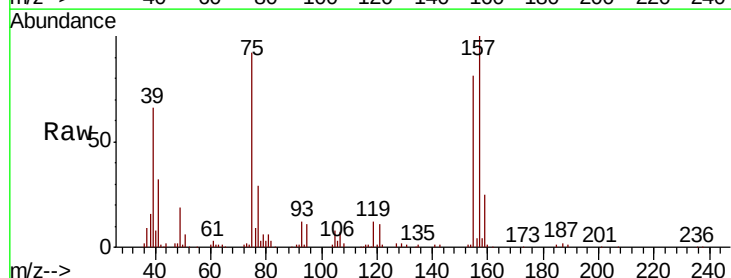
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

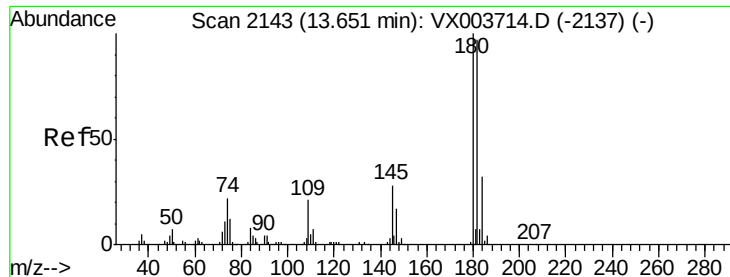
Tot Ion:146 Resp: 174277
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 59.9
 148 65.8 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.29 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion: 75 Resp: 23880
 Ion Ratio Lower Upper
 75 100
 155 97.1 73.1 109.7
 157 122.4 93.1 139.7

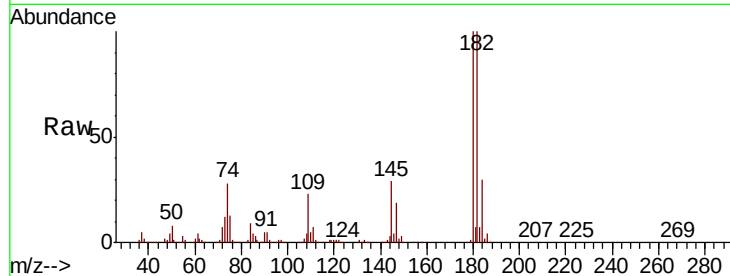




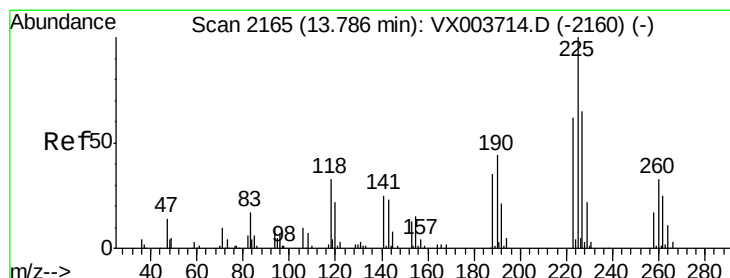
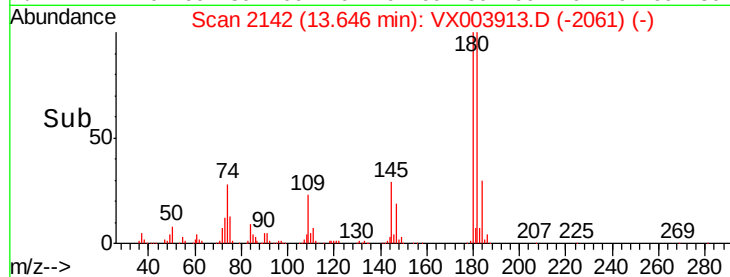
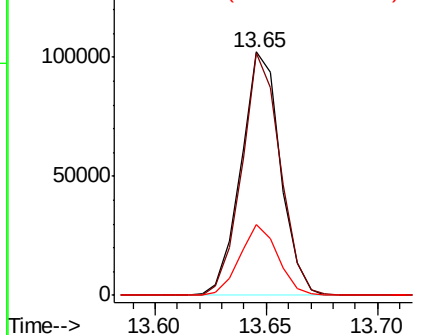
#89
 1,2,4-Trichlorobenzene
 Concen: 17.52 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:180 Resp: 126014
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.4 114.6
 145 28.1 22.9 34.3

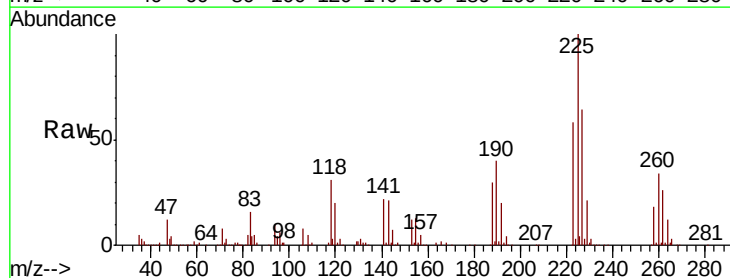


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

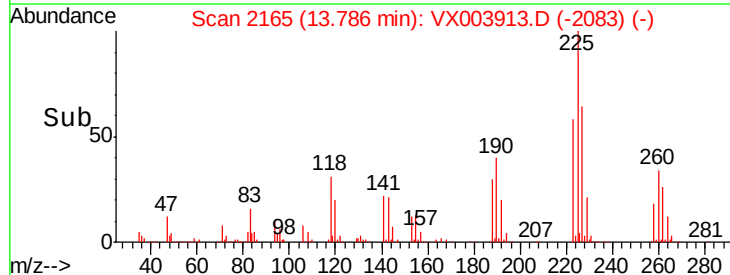
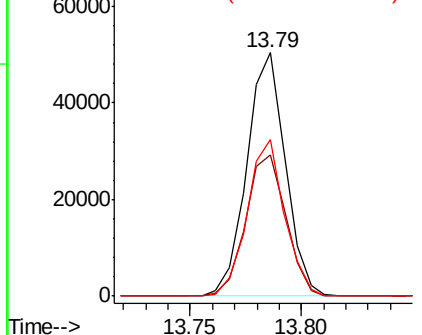


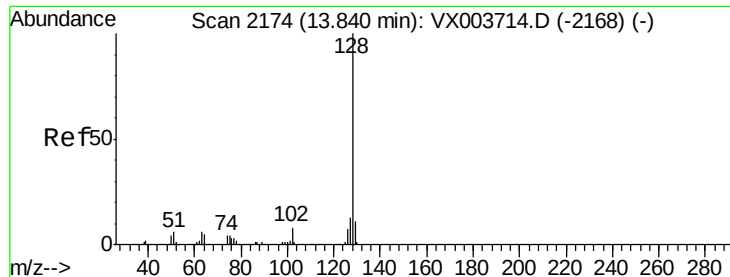
#90
 Hexachlorobutadiene
 Concen: 18.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003913.D
 Acq: 08 Aug 2018 07:10

Tgt Ion:225 Resp: 60936
 Ion Ratio Lower Upper
 225 100
 223 60.6 0.0 122.4
 227 62.2 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.62 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

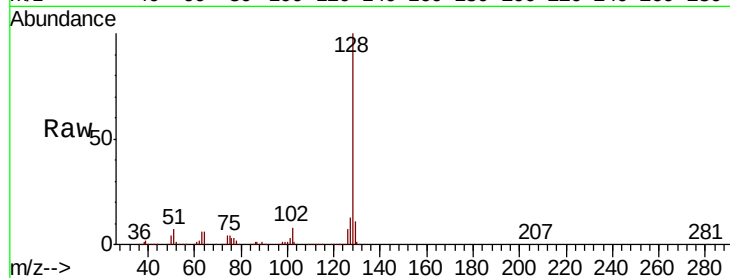
Tot Ion:128 Resp: 431266

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

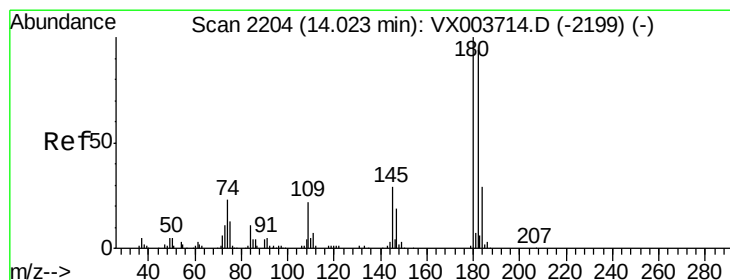
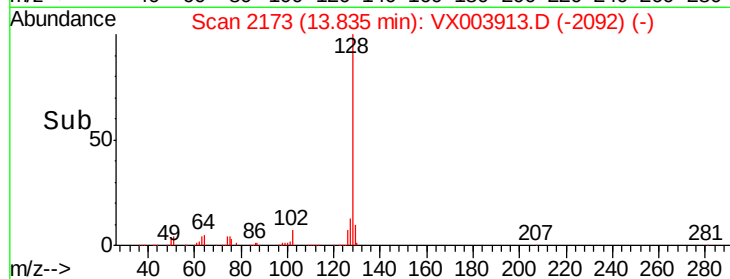
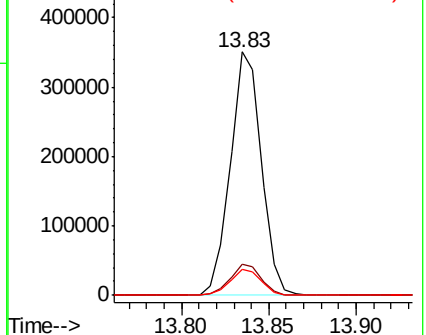
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.58 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003913.D

Acq: 08 Aug 2018 07:10

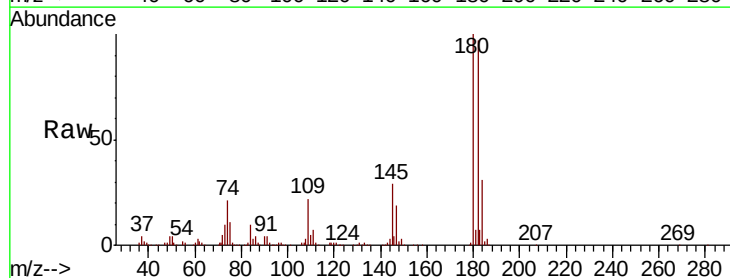
Tgt Ion:180 Resp: 143438

Ion Ratio Lower Upper

180 100

182 96.2 0.0 191.0

145 29.7 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

