

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005016.D
 Acq On : 04 Oct 2018 13:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 14:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169572	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	140688	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
50) Toluene-d8	8.72	98	536943	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	200381	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	170099	50.882	ug/l	99
3) Chloromethane	1.32	50	190226	46.902	ug/l	100
4) Vinyl Chloride	1.40	62	191417	50.320	ug/l	100
5) Bromomethane	1.64	94	129263	57.304	ug/l	93
6) Chloroethane	1.71	64	112099	54.272	ug/l	97
7) Trichlorofluoromethane	1.92	101	245980	52.233	ug/l	93
8) Diethyl Ether	2.19	74	105921	51.773	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141837	52.874	ug/l	99
10) Methyl Iodide	2.51	142	168819	47.029	ug/l	94
11) Tert butyl alcohol	3.08	59	246351	251.554	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136572	51.408	ug/l	96
13) Acrolein	2.29	56	95458	136.999	ug/l	90
14) Allyl chloride	2.73	41	303516	52.362	ug/l	96
15) Acrylonitrile	3.15	53	568127	263.528	ug/l	97
16) Acetone	2.45	43	484610	236.997	ug/l	92
17) Carbon Disulfide	2.57	76	369145	46.242	ug/l	99
18) Methyl Acetate	2.78	43	316566	61.105	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	522152	56.981	ug/l	95
20) Methylene Chloride	2.85	84	161921	54.539	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	147192	50.613	ug/l	86
22) Diisopropyl ether	3.87	45	531035	54.404	ug/l	96
23) Vinyl Acetate	3.82	43	2293140	256.655	ug/l	100
24) 1,1-Dichloroethane	3.70	63	287094	49.308	ug/l	99
25) 2-Butanone	4.70	43	758269	251.575	ug/l	97
26) 2,2-Dichloropropane	4.58	77	210253	51.856	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	165917	51.070	ug/l	95
28) Bromochloromethane	5.02	49	131349	47.905	ug/l	100
29) Tetrahydrofuran	5.16	42	497706	265.675	ug/l	99
30) Chloroform	5.21	83	273514	49.704	ug/l	98
31) Cyclohexane	5.57	56	246078	55.219	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	231215	51.449	ug/l	96
36) 1,1-Dichloropropene	5.80	75	202736	46.533	ug/l	95
37) Ethyl Acetate	4.86	43	269484	46.597	ug/l	98
38) Carbon Tetrachloride	5.78	117	199785	43.623	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237441	53.372	ug/l #	85
40) Benzene	6.14	78	645441	47.320	ug/l	94
41) Methacrylonitrile	5.06	41	153417	47.834	ug/l	97
42) 1,2-Dichloroethane	6.20	62	220720	45.775	ug/l	98
43) Isopropyl Acetate	6.46	43	416512	49.898	ug/l	95
44) Trichloroethene	7.21	130	169080	50.425	ug/l	99
45) 1,2-Dichloropropane	7.52	63	169329	50.623	ug/l	99
46) Dibromomethane	7.66	93	106599	50.709	ug/l	100
47) Bromodichloromethane	7.90	83	204972	52.079	ug/l	99
48) Methyl methacrylate	7.78	41	213088	56.243	ug/l	97
49) 1,4-Dioxane	7.76	88	90034	956.526	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1447405	275.391	ug/l	98
52) Toluene	8.79	92	389962	52.030	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	239328	53.810	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	256399	55.039	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	163275	49.733	ug/l	96
56) Ethyl methacrylate	9.18	69	267663	50.228	ug/l	96
57) 1,3-Dichloropropane	9.37	76	276116	50.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	723129	255.312	ug/l	99
59) 2-Hexanone	9.50	43	1145648	261.577	ug/l	96
60) Dibromochloromethane	9.59	129	167424	50.993	ug/l	100
61) 1,2-Dibromoethane	9.68	107	169971	48.343	ug/l	95
64) Tetrachloroethene	9.34	164	174944	50.116	ug/l	97
65) Chlorobenzene	10.14	112	442376	48.640	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	159521	49.891	ug/l	100
67) Ethyl Benzene	10.26	91	750275	51.961	ug/l	97
68) m/p-Xylenes	10.36	106	587028	104.038	ug/l	95
69) o-Xylene	10.70	106	286562	55.293	ug/l	97
70) Styrene	10.71	104	481408	49.680	ug/l	99
71) Bromoform	10.86	173	137968	50.402	ug/l #	97
73) Isopropylbenzene	11.02	105	758983	56.164	ug/l	100
74) N-amyl acetate	10.90	43	377446	50.788	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	267327	48.597	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	317126	65.994	ug/l	85
77) Bromobenzene	11.26	156	203838	51.932	ug/l	100
78) n-propylbenzene	11.36	91	863611	55.698	ug/l	99
79) 2-Chlorotoluene	11.42	91	519233	53.725	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	644597	52.052	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81043	46.157	ug/l	97
82) 4-Chlorotoluene	11.51	91	613858	53.962	ug/l	99
83) tert-Butylbenzene	11.77	119	630059	56.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	681912	53.400	ug/l	99
85) sec-Butylbenzene	11.94	105	749529	55.307	ug/l	100
86) p-Isopropyltoluene	12.07	119	681320	55.490	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	373142	50.911	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380844	50.336	ug/l	99
89) n-Butylbenzene	12.39	91	608533	54.572	ug/l	99
90) Hexachloroethane	12.60	117	103274	50.518	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	378832	49.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64561	53.452	ug/l	98

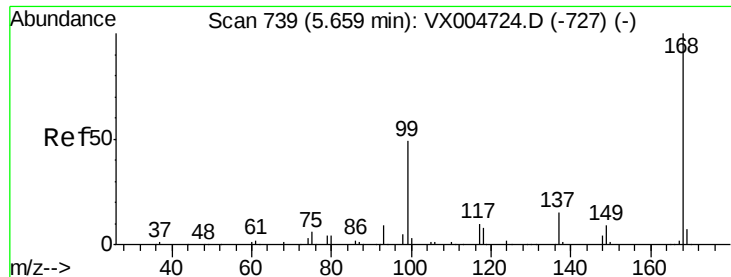
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284780	53.002	ug/l	99
94) Hexachlorobutadiene	13.78	225	134190	48.162	ug/l	99
95) Naphthalene	13.83	128	951482	53.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290651	52.366	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

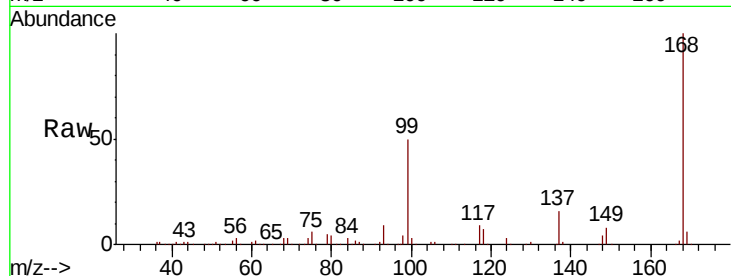
VSTDCCC050EC

Tot Ion:168 Resp: 245183

Ion Ratio Lower Upper

168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

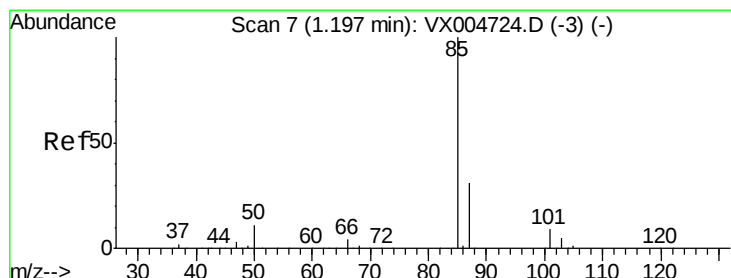
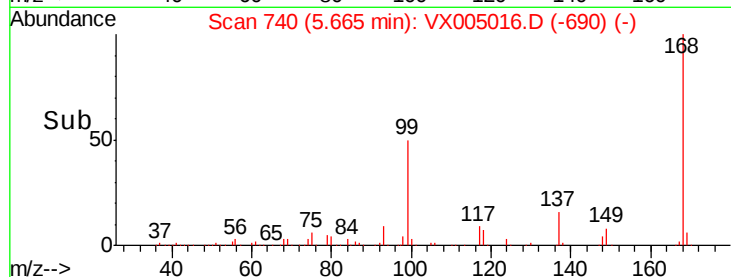
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.882 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005016.D

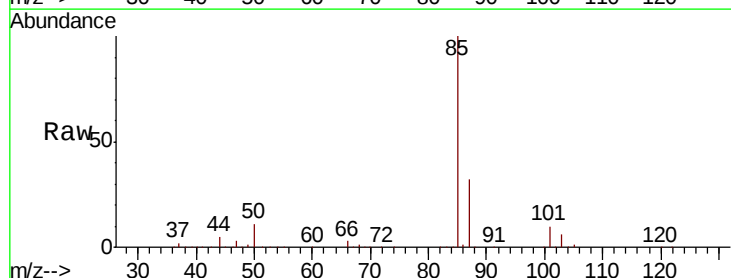
Acq: 04 Oct 2018 13:08

Tgt Ion: 85 Resp: 170099

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

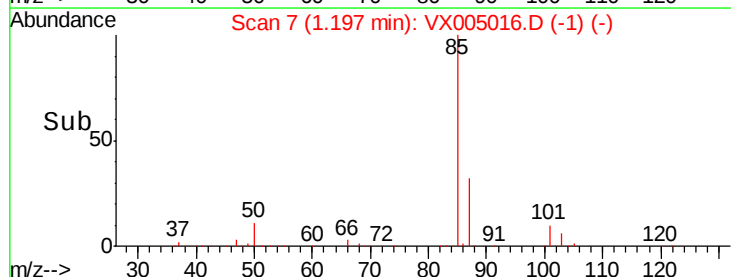
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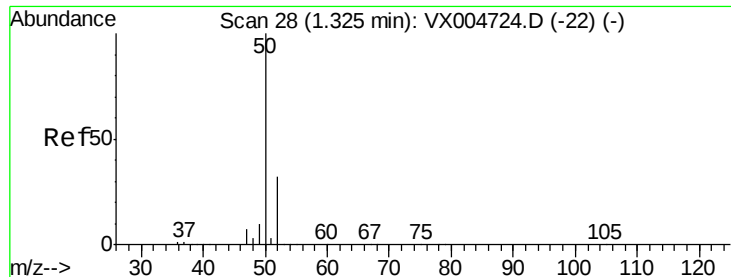
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.902 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

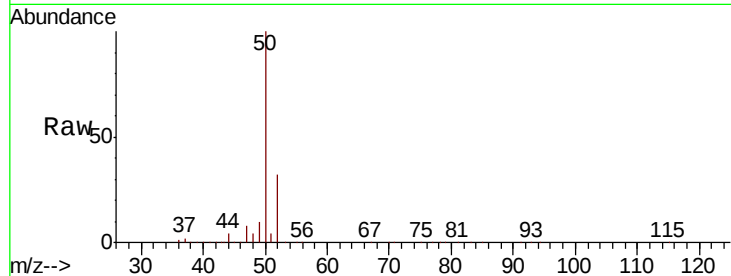
VSTDCCC050EC

Tot Ion: 50 Resp: 190226

Ion Ratio Lower Upper

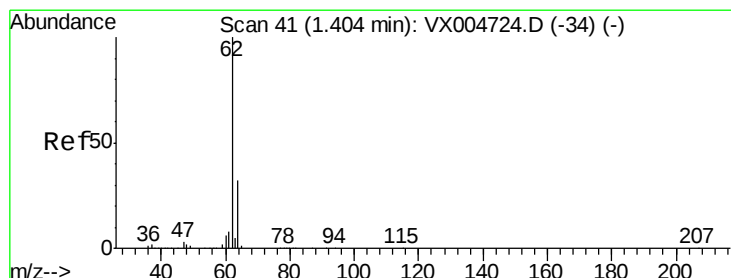
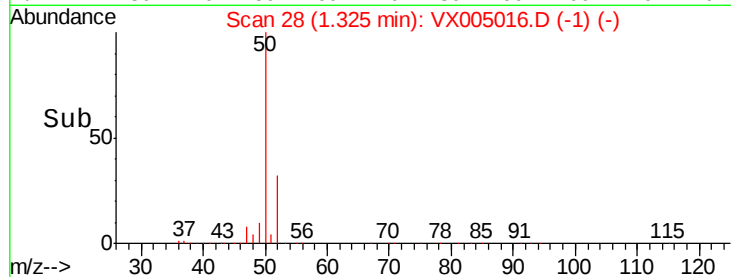
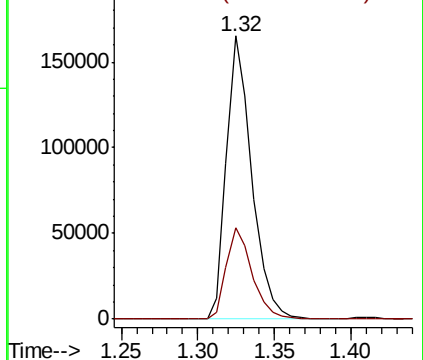
50 100

52 32.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.320 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005016.D

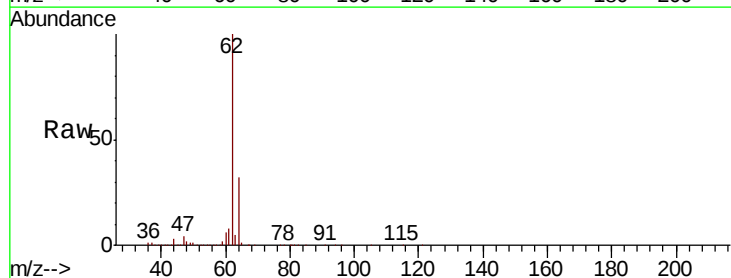
Acq: 04 Oct 2018 13:08

Tgt Ion: 62 Resp: 191417

Ion Ratio Lower Upper

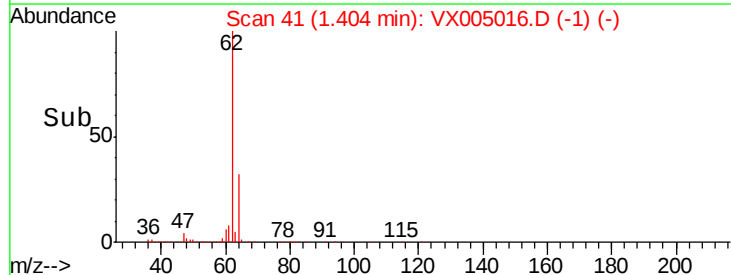
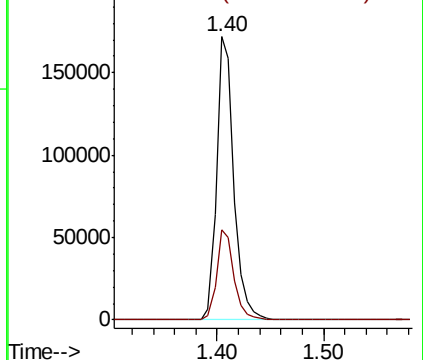
62 100

64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.304 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

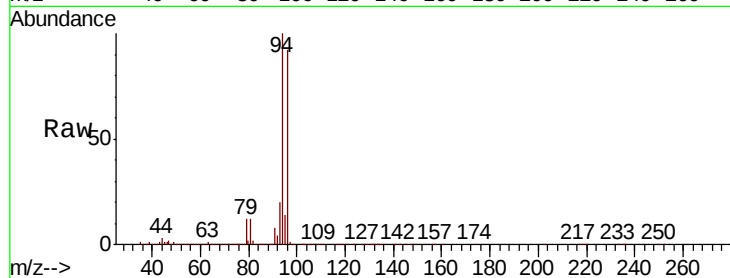
VSTDCCC050EC

Tot Ion: 94 Resp: 129263

Ion Ratio Lower Upper

94 100

96 92.2 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

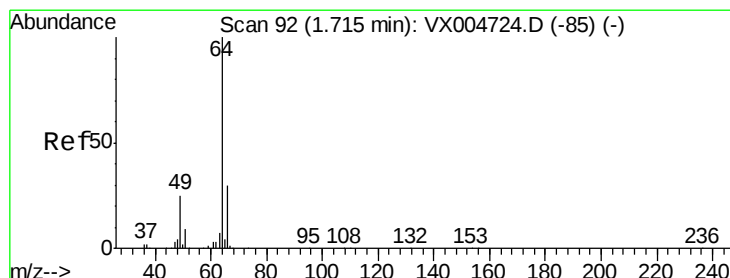
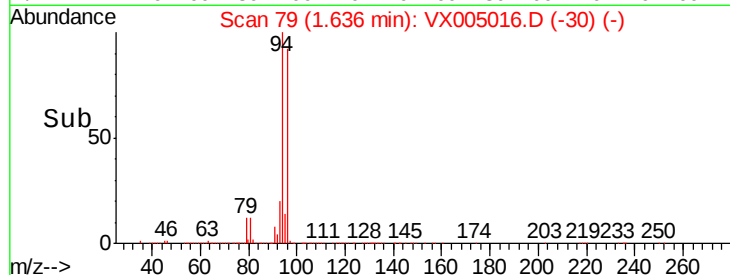
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 54.272 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005016.D

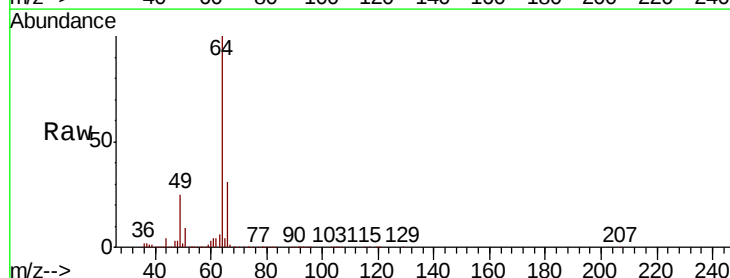
Acq: 04 Oct 2018 13:08

Tgt Ion: 64 Resp: 112099

Ion Ratio Lower Upper

64 100

66 31.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

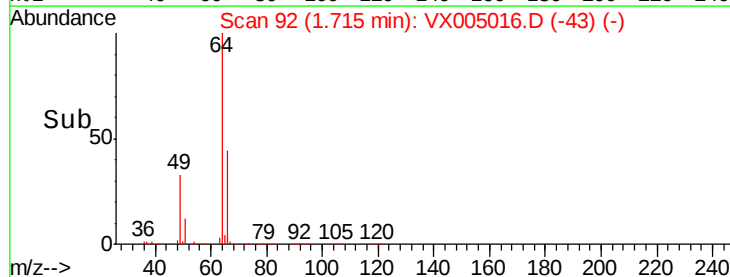
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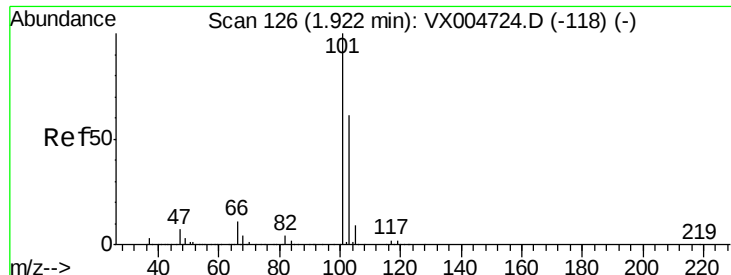
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20000

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Time-->



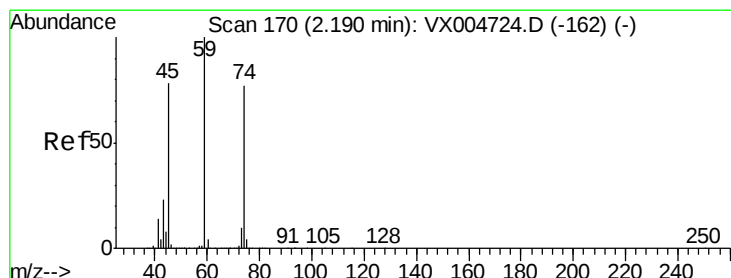
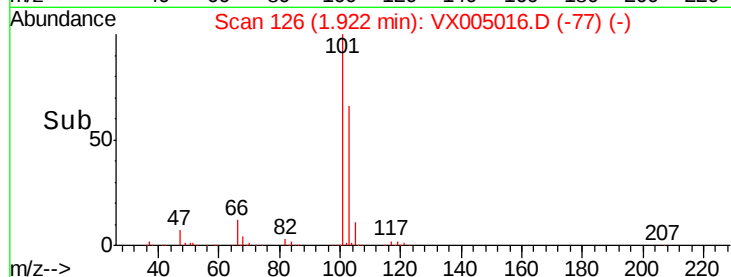
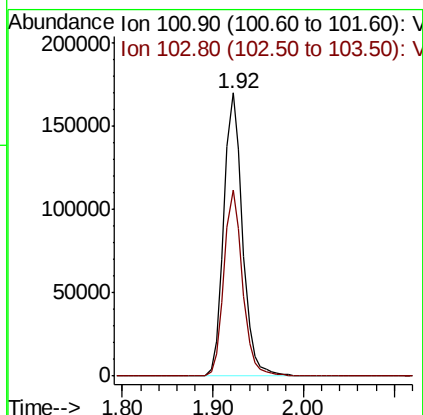
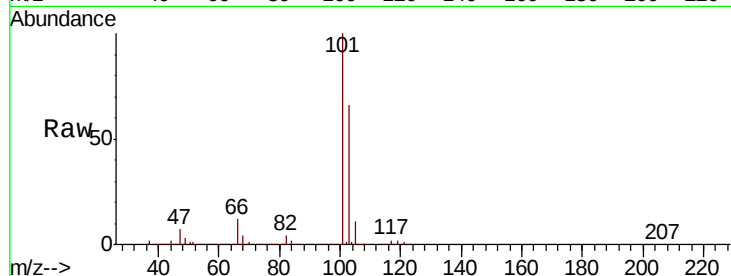


#7

Trichlorofluoromethane
Concen: 52.233 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

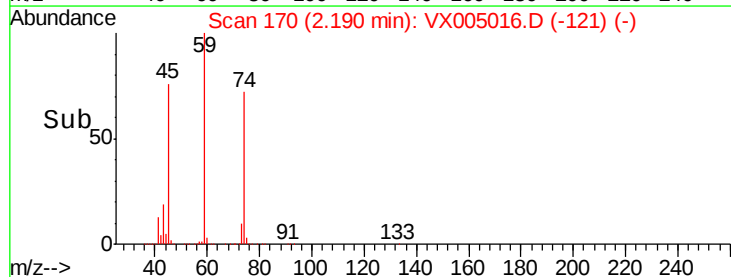
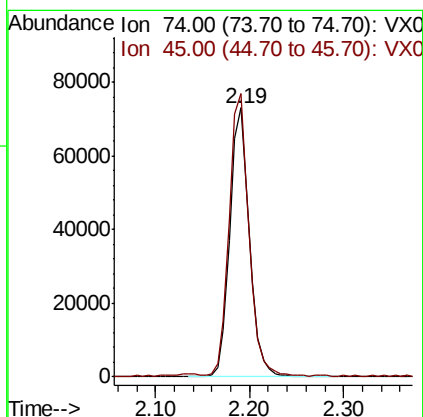
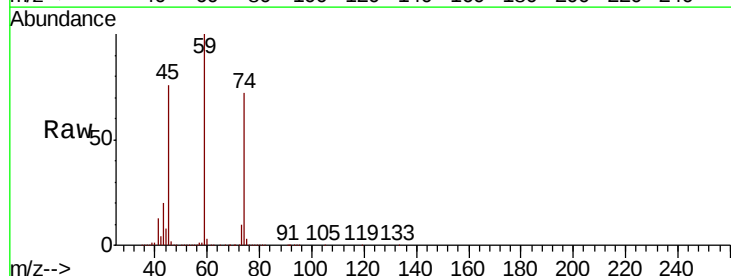
Tot Ion:101 Resp: 245980
Ion Ratio Lower Upper
101 100
103 65.7 48.4 72.6



#8

Diethyl Ether
Concen: 51.773 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 74 Resp: 105921
Ion Ratio Lower Upper
74 100
45 105.2 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.874 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

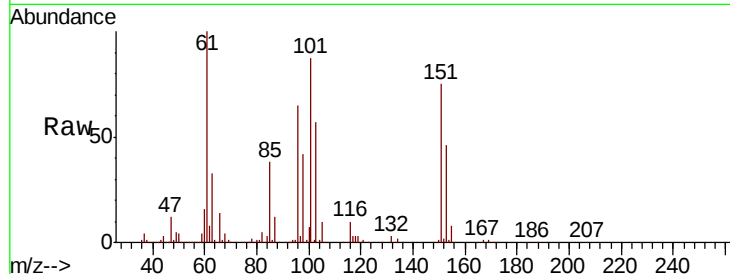
Tot Ion:101 Resp: 141837

Ion Ratio Lower Upper

101 100

85 43.5 35.9 53.9

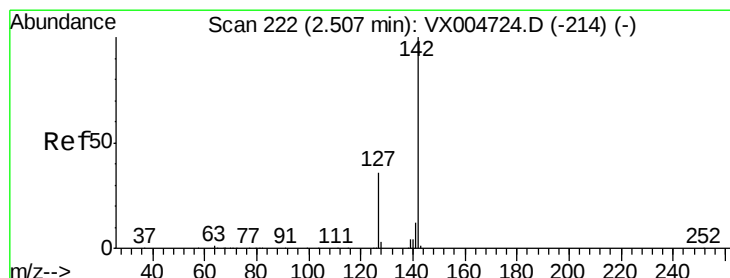
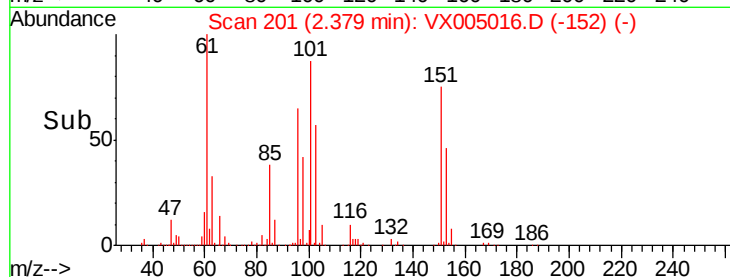
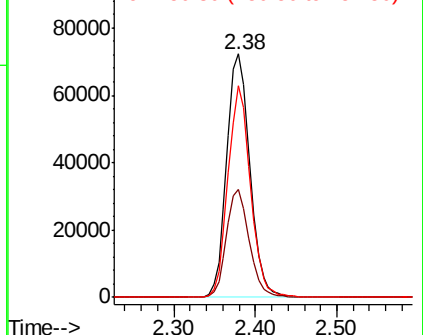
151 83.8 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.029 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

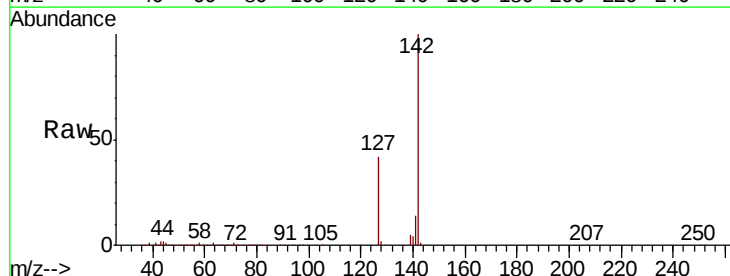
Tgt Ion:142 Resp: 168819

Ion Ratio Lower Upper

142 100

127 42.2 30.1 45.1

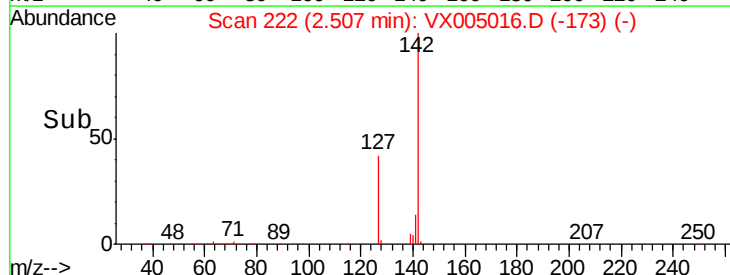
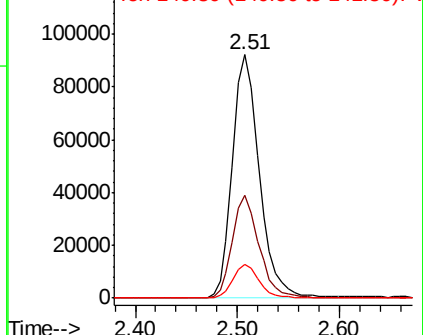
141 13.8 10.1 15.1

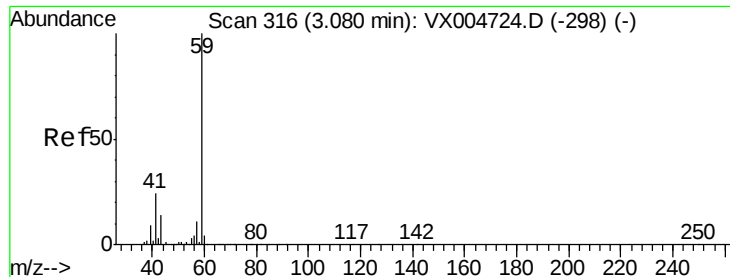


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

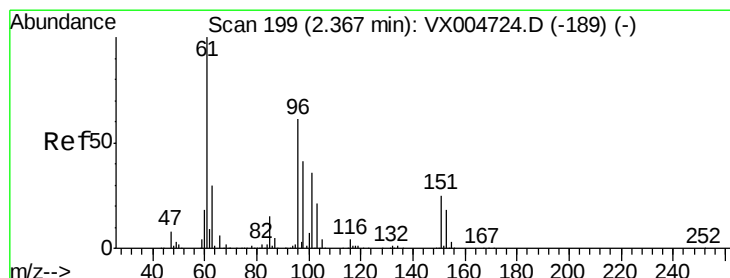
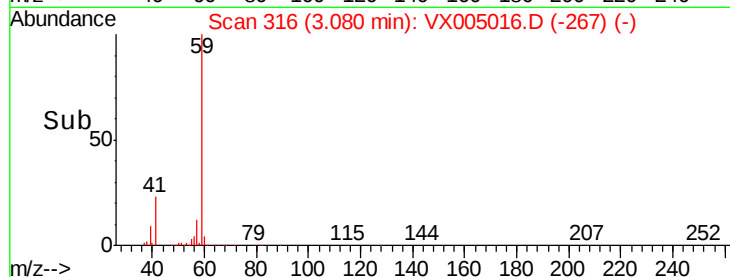
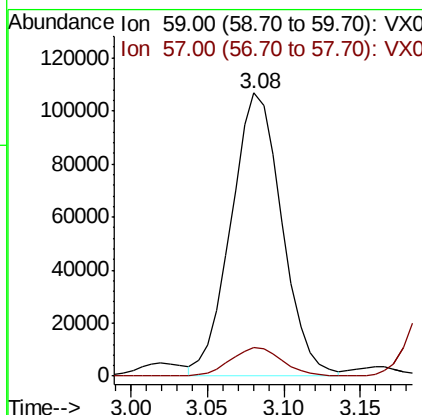
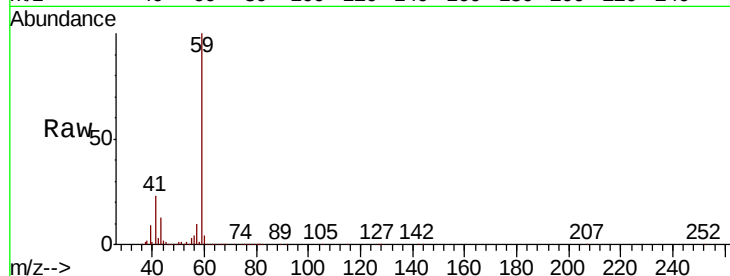




#11
Tert butyl alcohol
Concen: 251.554 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

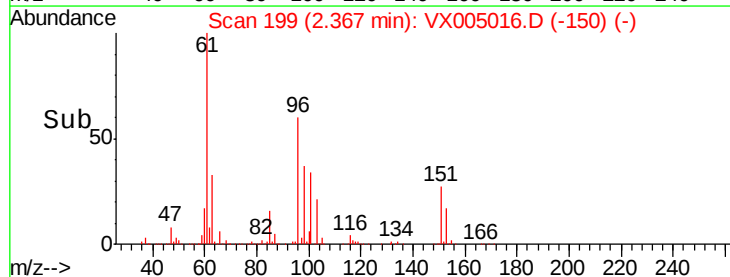
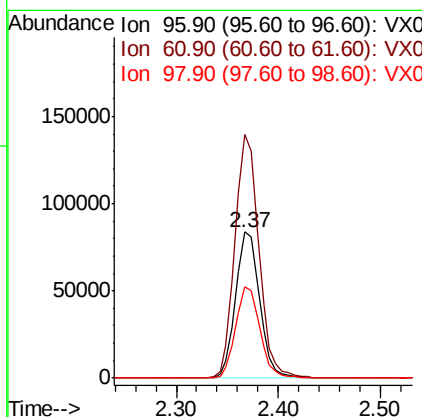
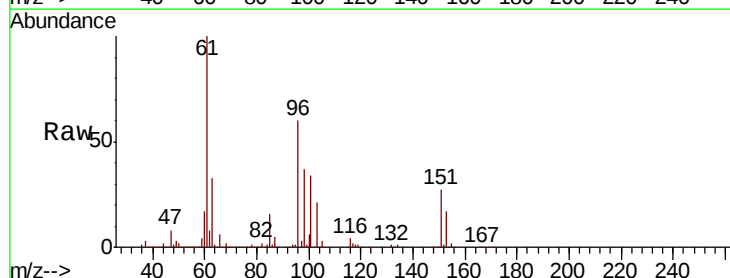
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

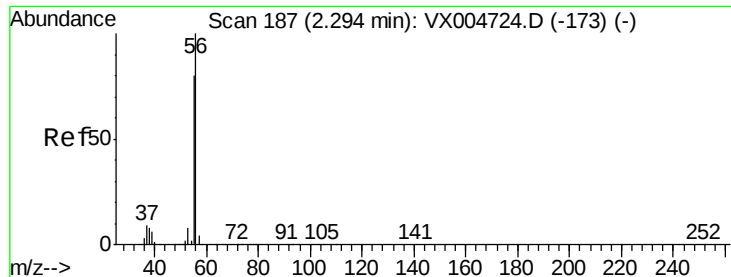
Tot Ion: 59 Resp: 246351
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 51.408 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 96 Resp: 136572
Ion Ratio Lower Upper
96 100
61 166.9 130.2 195.4
98 62.4 53.4 80.0

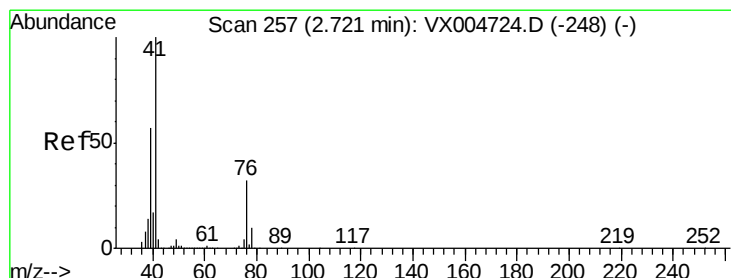
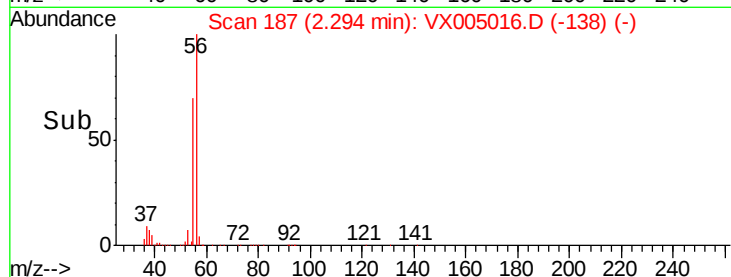
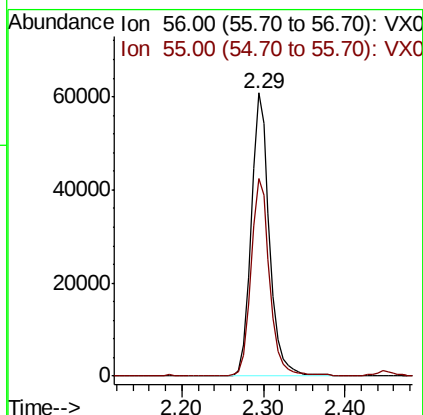
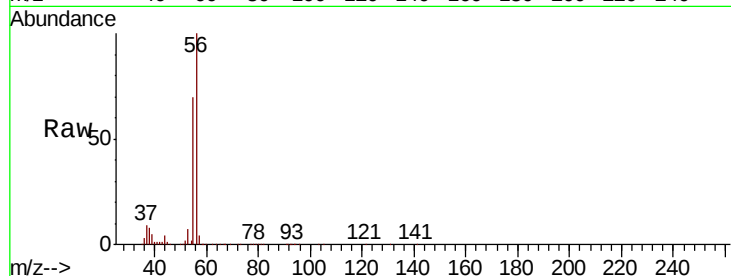




#13
Acrolein
Concen: 136.999 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

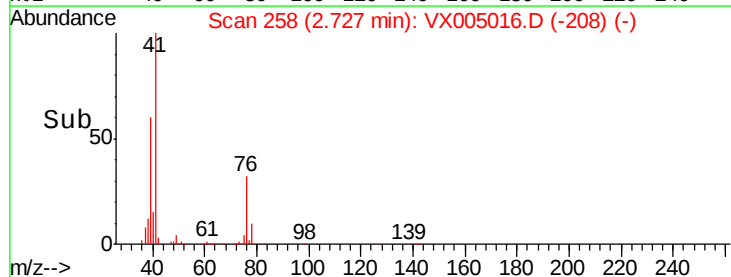
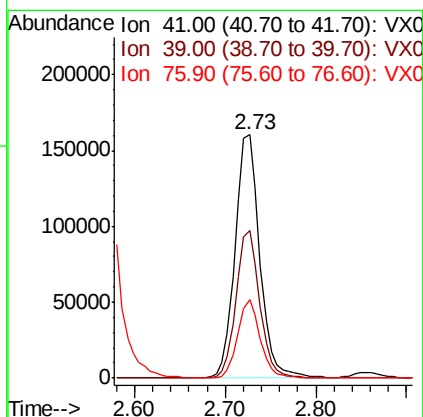
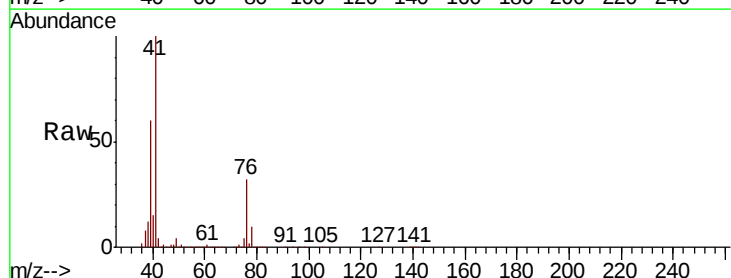
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

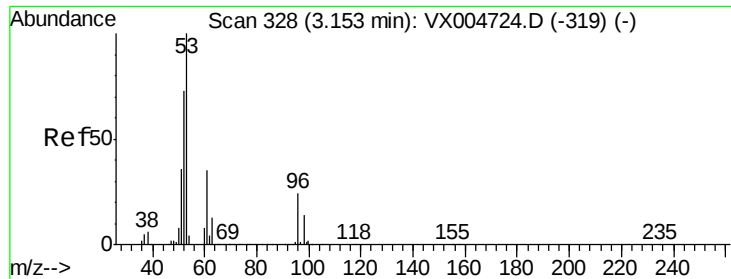
Tot Ion: 56 Resp: 95458
Ion Ratio Lower Upper
56 100
55 70.5 63.4 95.2



#14
Allyl chloride
Concen: 52.362 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 41 Resp: 303516
Ion Ratio Lower Upper
41 100
39 57.8 44.1 66.1
76 29.5 25.0 37.4





#15

Acrylonitrile

Concen: 263.528 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

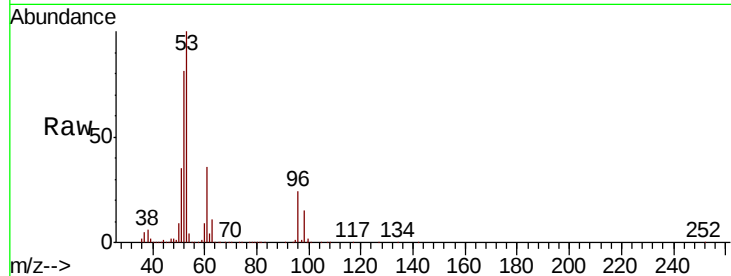
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 568127

Ion	Ratio	Lower	Upper
53	100		
52	82.4	63.0	94.4
51	35.4	28.6	42.8

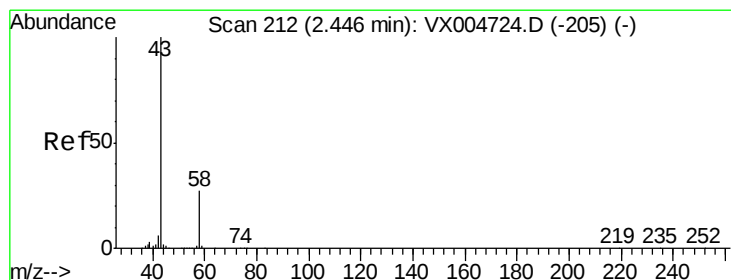
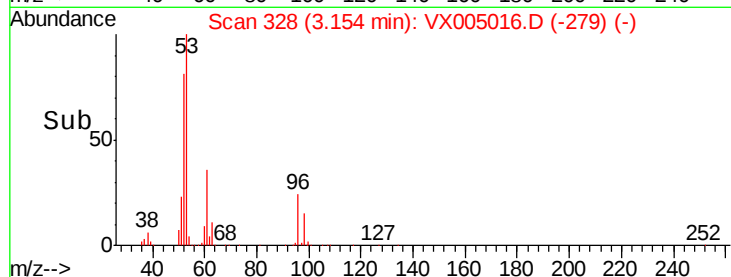
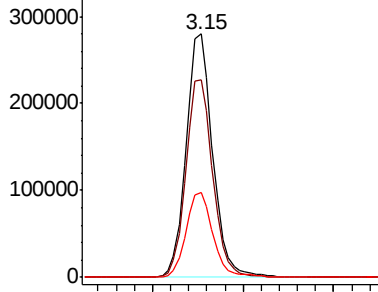


Abundance

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



#16

Acetone

Concen: 236.997 ug/l

RT: 2.45 min Scan# 212

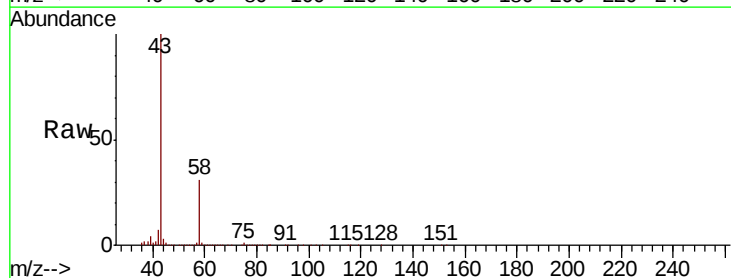
Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Tgt Ion: 43 Resp: 484610

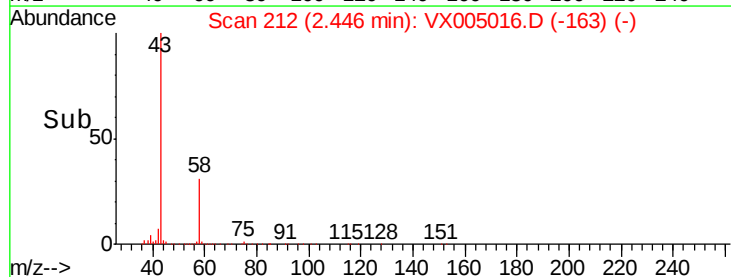
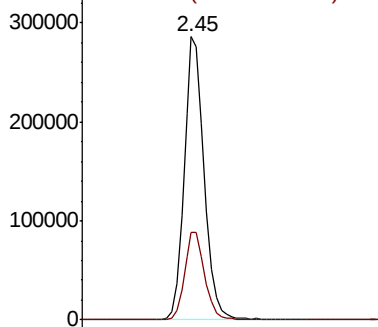
Ion	Ratio	Lower	Upper
43	100		
58	31.2	21.8	32.6



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

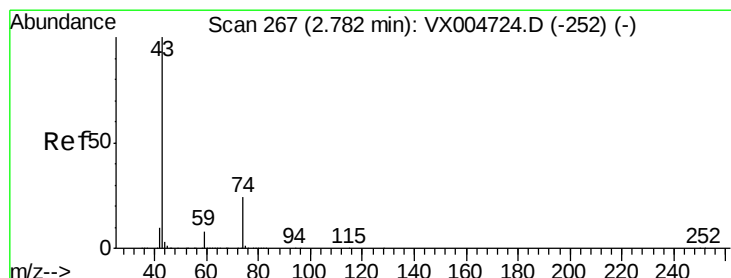
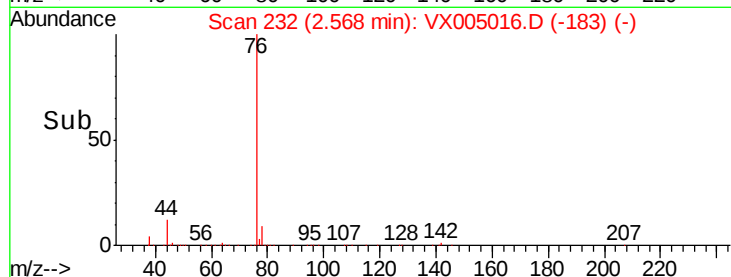
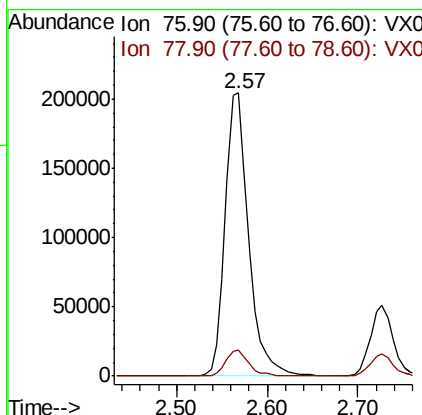
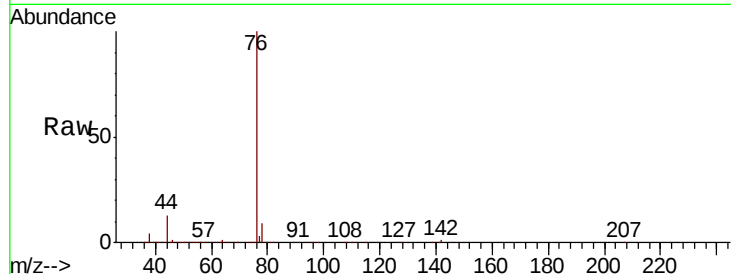




#17
Carbon Disulfide
Concen: 46.242 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

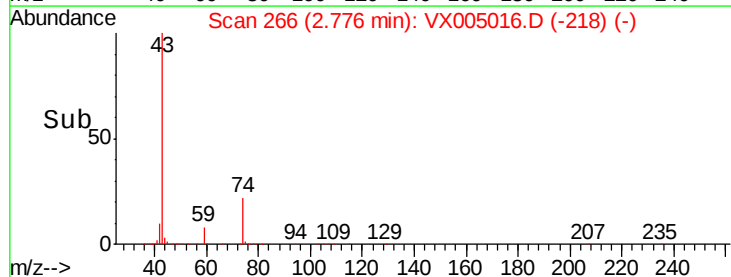
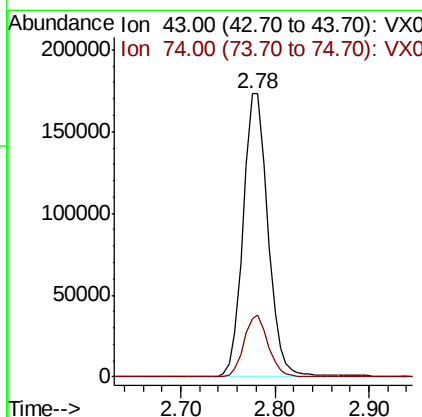
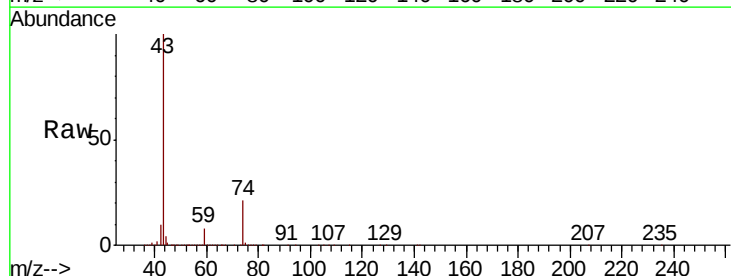
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

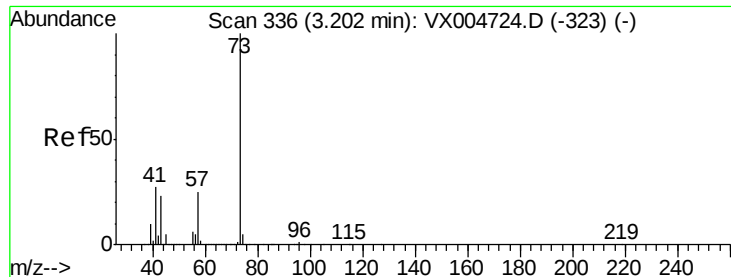
Tot Ion: 76 Resp: 369145
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 61.105 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 43 Resp: 316566
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



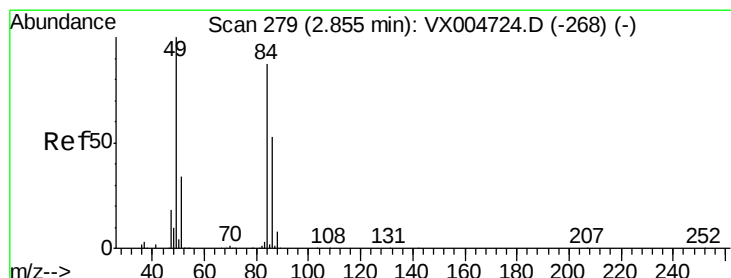
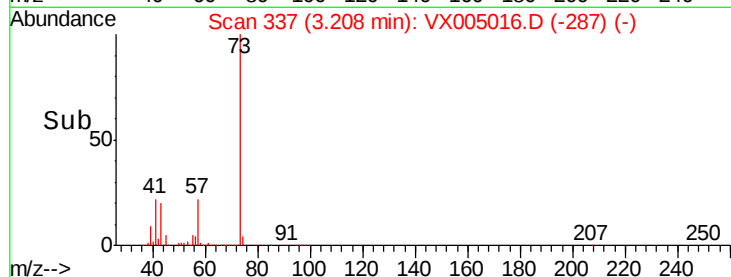
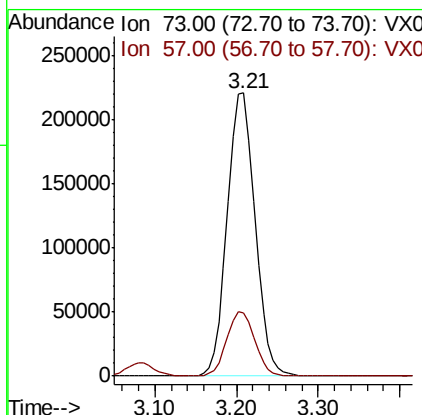
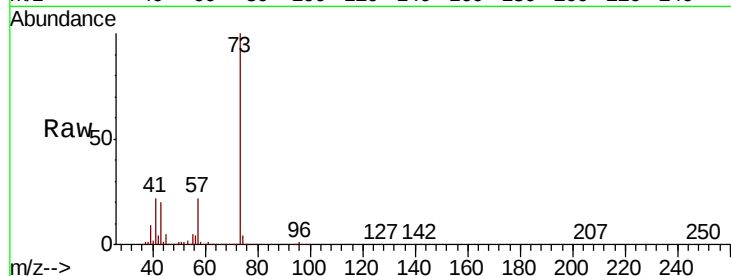


#19

Methyl tert-butyl Ether
 Concen: 56.981 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

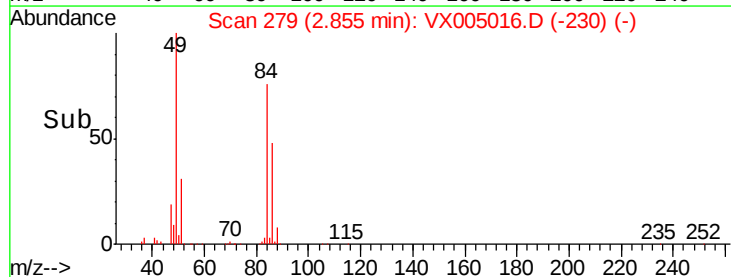
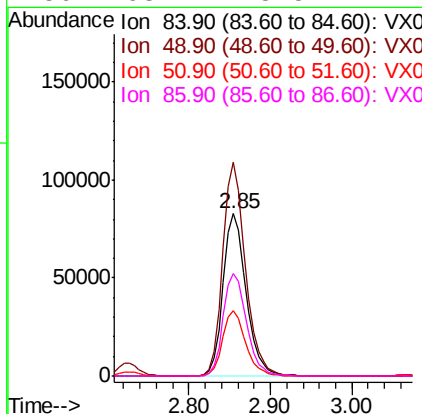
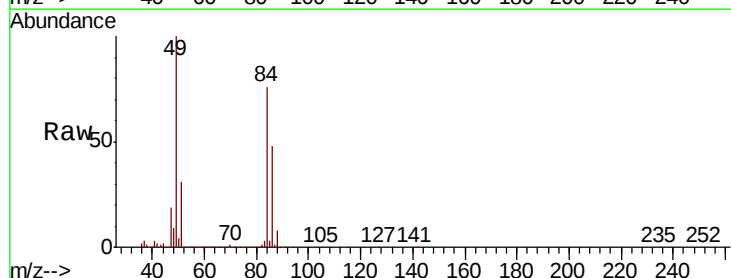
Tot Ion: 73 Resp: 522152
 Ion Ratio Lower Upper
 73 100
 57 22.4 19.9 29.9

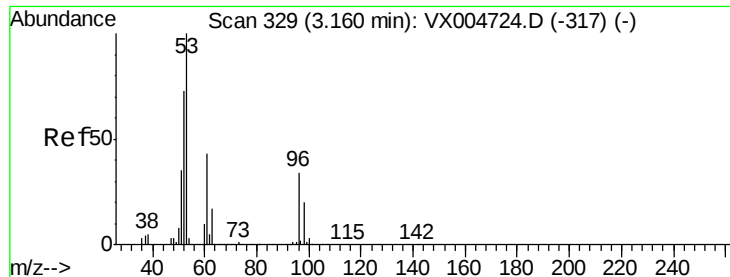


#20

Methylene Chloride
 Concen: 54.539 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 84 Resp: 161921
 Ion Ratio Lower Upper
 84 100
 49 131.8 92.3 138.5
 51 40.6 31.8 47.6
 86 63.1 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 50.613 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

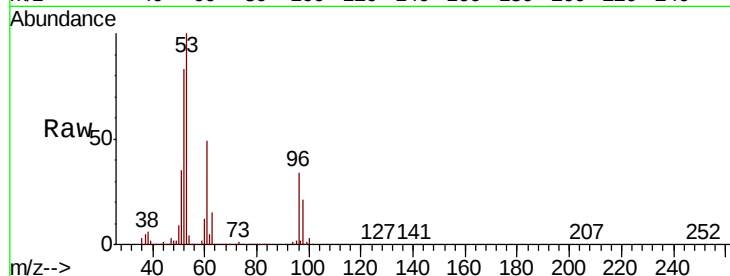
Tot Ion: 96 Resp: 147192

Ion Ratio Lower Upper

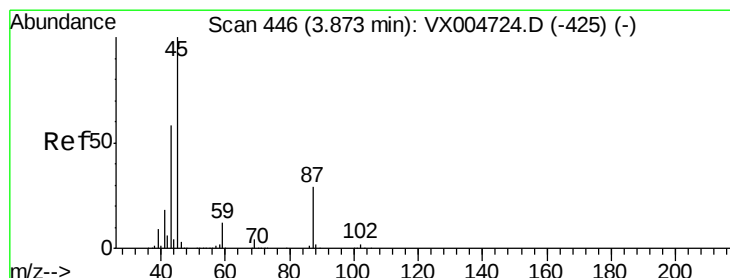
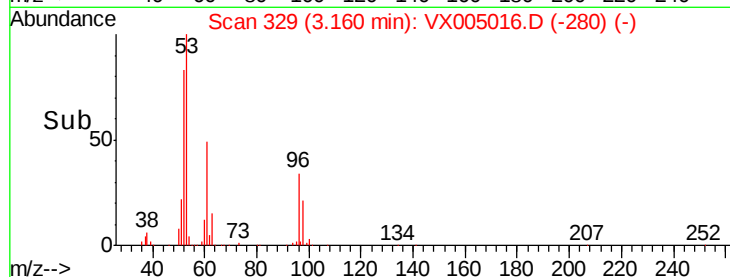
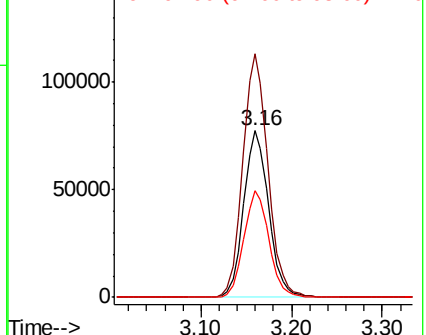
96 100

61 146.0 101.0 151.6

98 63.9 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.404 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Tgt Ion: 45 Resp: 531035

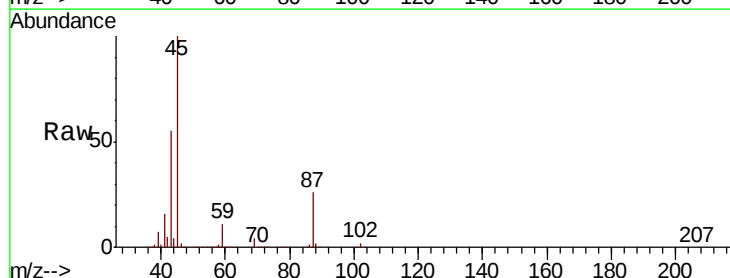
Ion Ratio Lower Upper

45 100

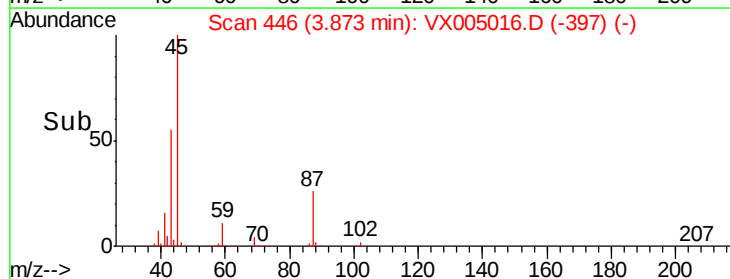
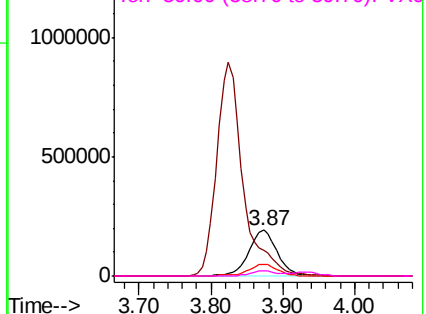
43 55.0 46.7 70.1

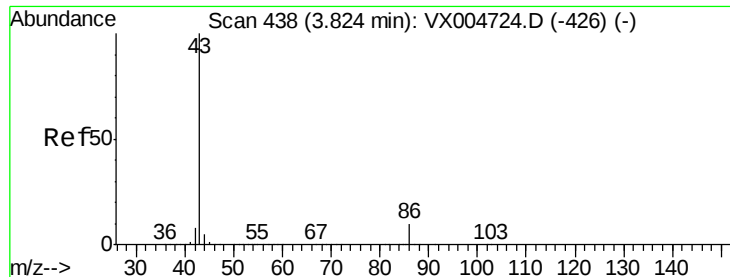
87 25.9 22.9 34.3

59 11.4 9.3 13.9



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





#23

Vinyl Acetate

Concen: 256.655 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

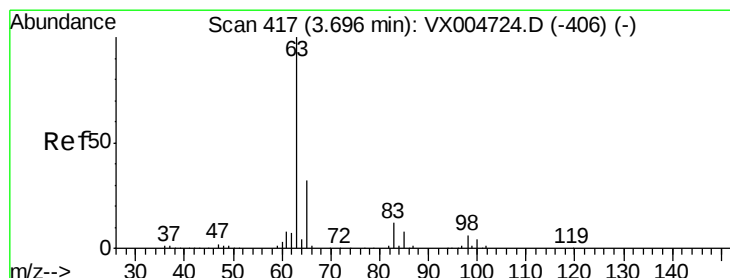
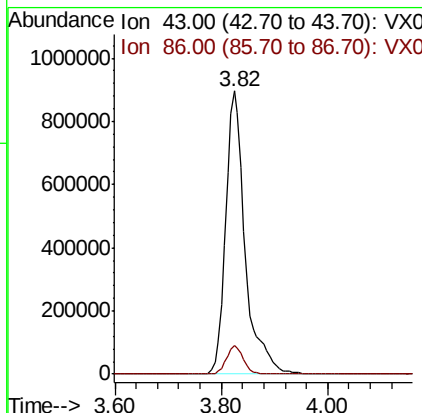
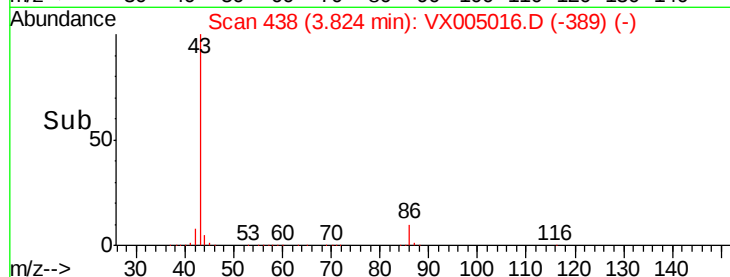
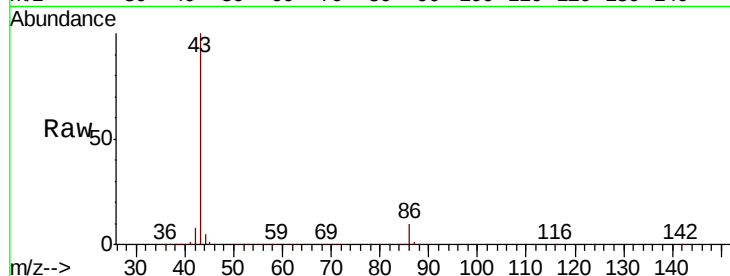
VSTDCCC050EC

Tot Ion: 43 Resp: 2293140

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

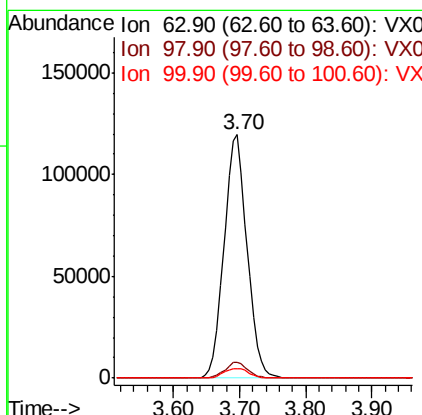
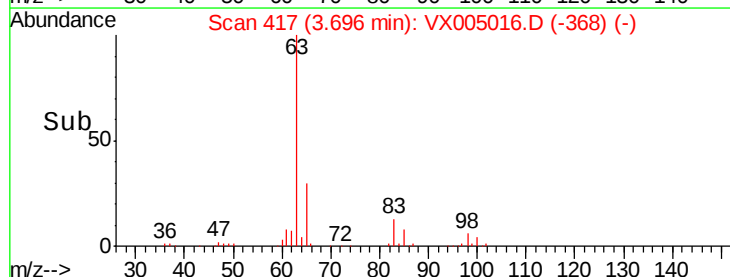
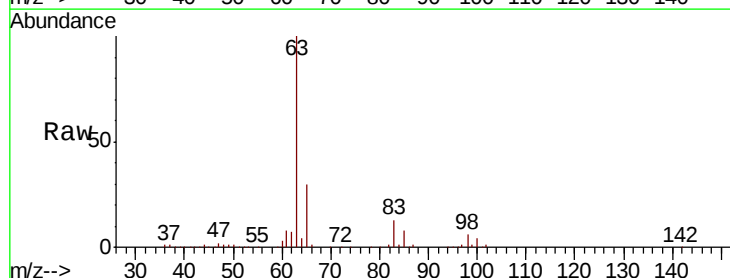
Tgt Ion: 63 Resp: 287094

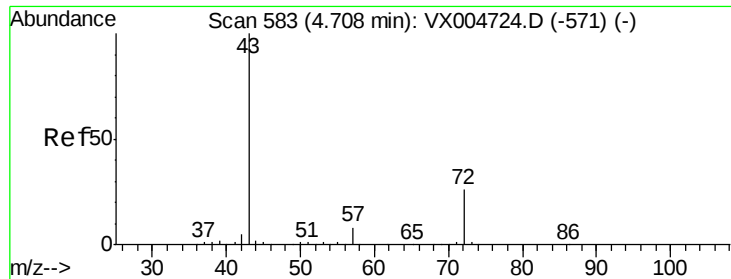
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 251.575 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

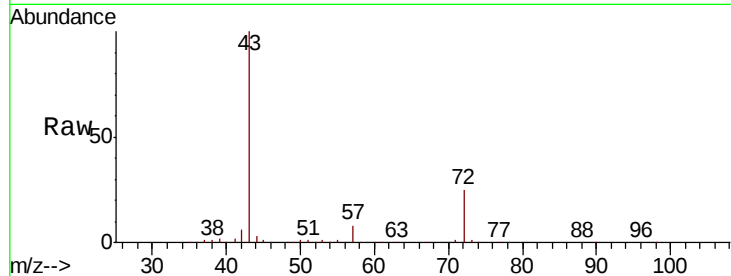
VSTDCCC050EC

Tot Ion: 43 Resp: 758269

Ion Ratio Lower Upper

43 100

72 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

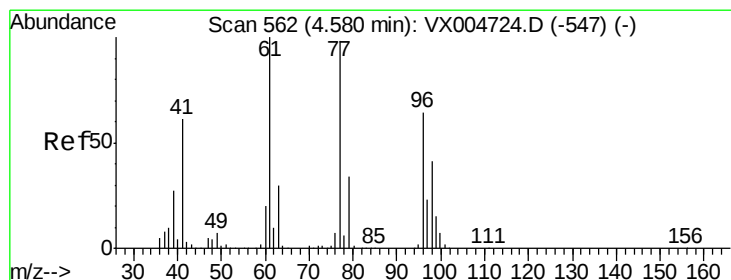
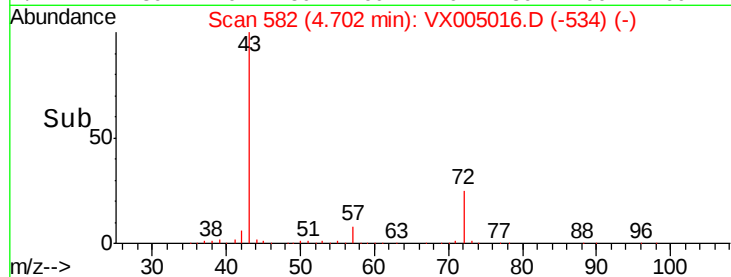
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.856 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005016.D

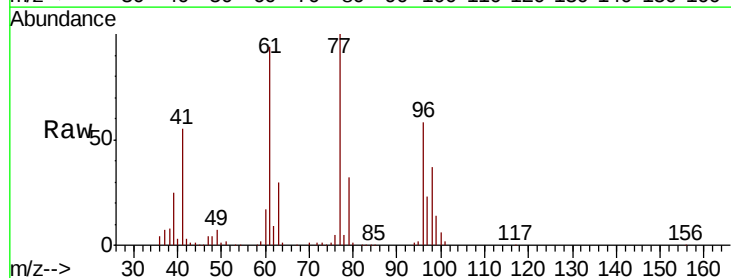
Acq: 04 Oct 2018 13:08

Tgt Ion: 77 Resp: 210253

Ion Ratio Lower Upper

77 100

97 23.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

80000

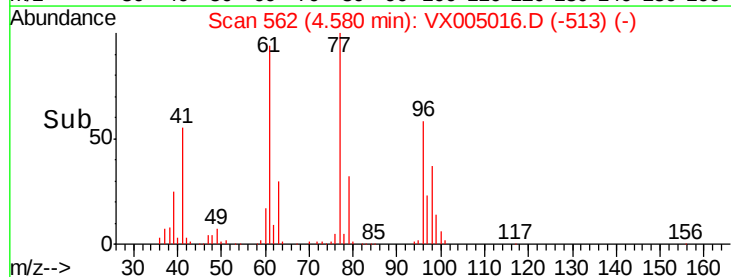
60000

40000

20000

0

Time-->



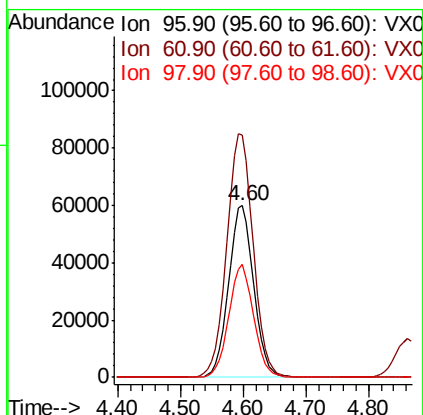
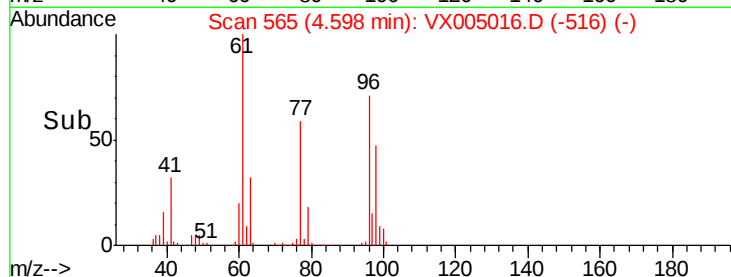
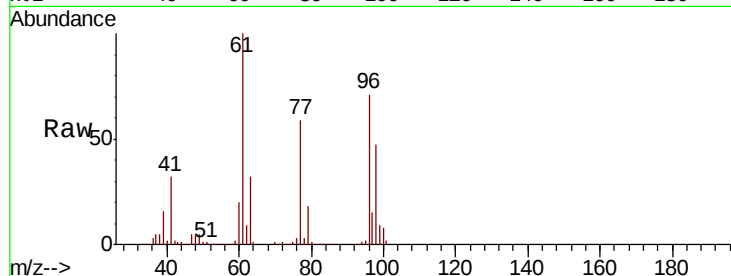


#27

cis-1,2-Dichloroethene
Concen: 51.070 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

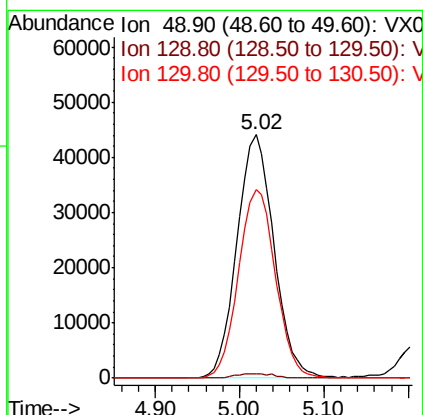
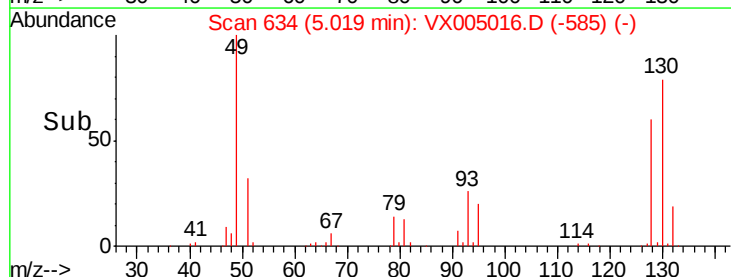
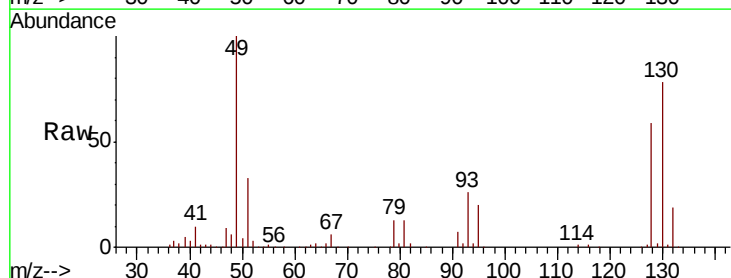
Tot Ion: 96 Resp: 165917
Ion Ratio Lower Upper
96 100
61 149.6 0.0 285.8
98 65.1 0.0 136.2

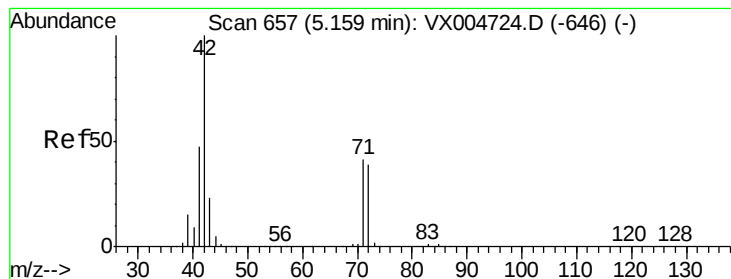


#28

Bromochloromethane
Concen: 47.905 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 49 Resp: 131349
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 77.4 62.0 93.0





#29

Tetrahydrofuran

Concen: 265.675 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

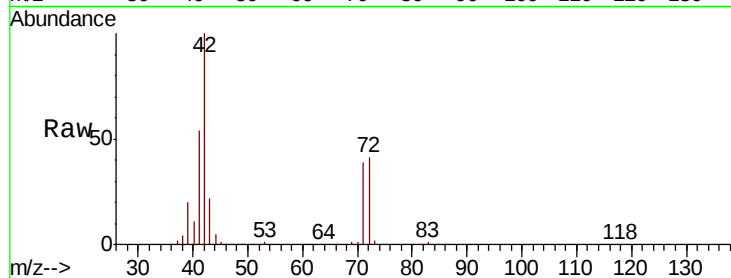
Tot Ion: 42 Resp: 497706

Ion Ratio Lower Upper

42 100

72 41.8 33.7 50.5

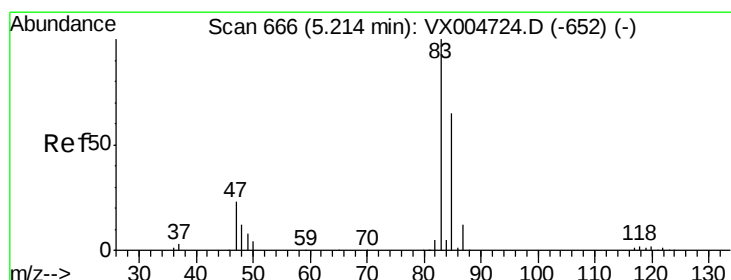
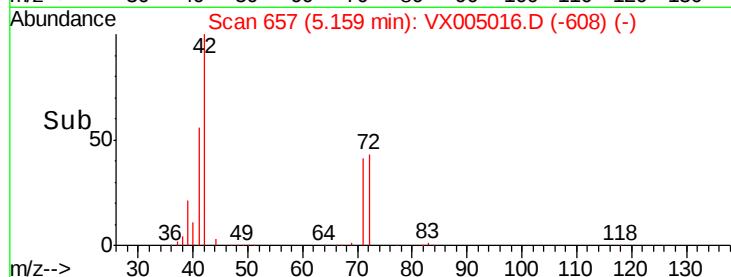
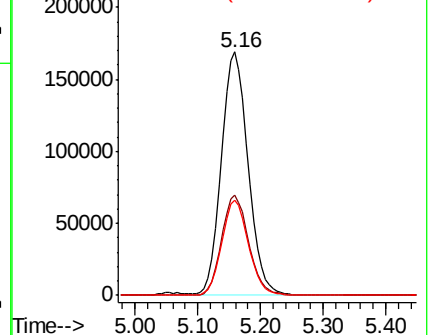
71 39.2 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.704 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005016.D

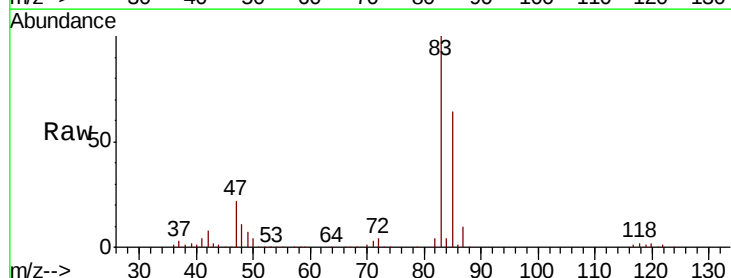
Acq: 04 Oct 2018 13:08

Tgt Ion: 83 Resp: 273514

Ion Ratio Lower Upper

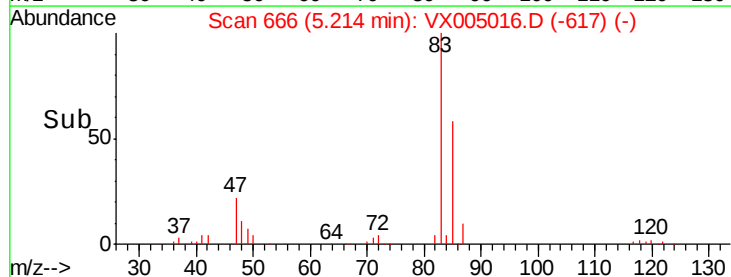
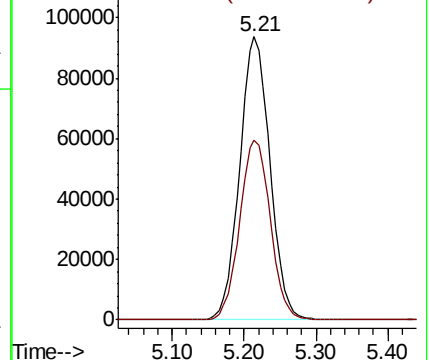
83 100

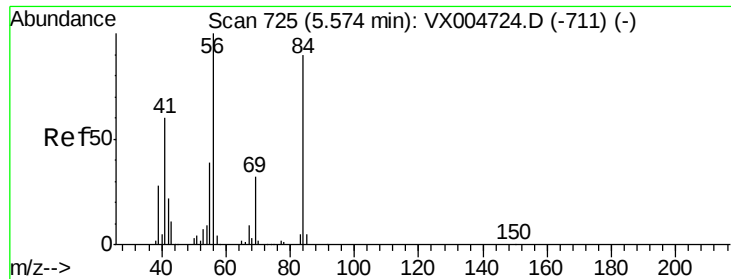
85 63.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

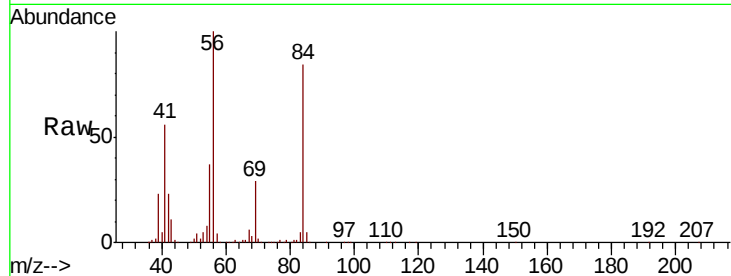




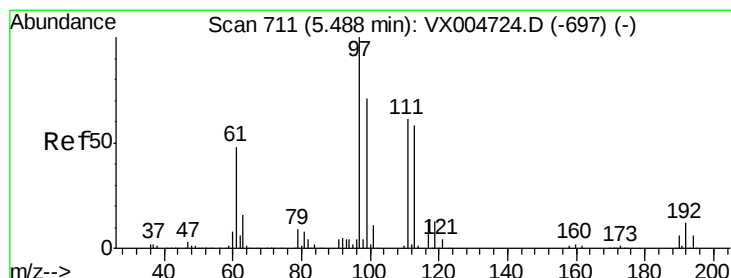
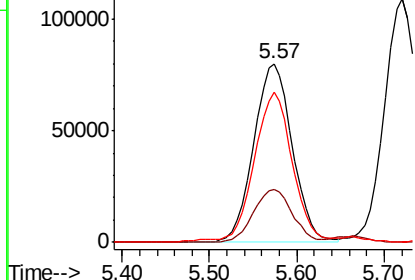
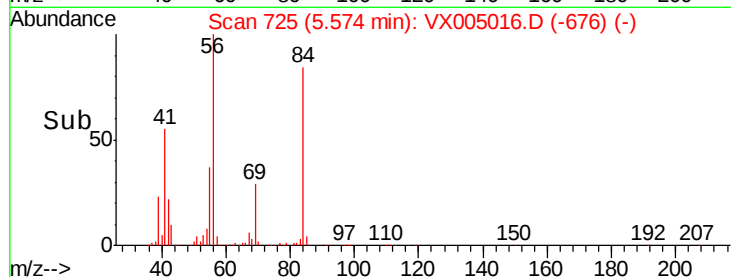
#31
Cyclohexane
Concen: 55.219 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 246078
Ion Ratio Lower Upper
56 100
69 29.3 25.9 38.9
84 82.6 71.9 107.9

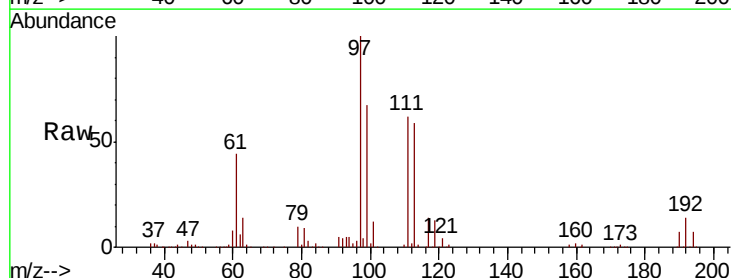


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

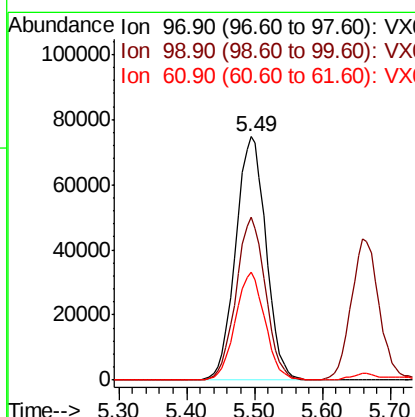
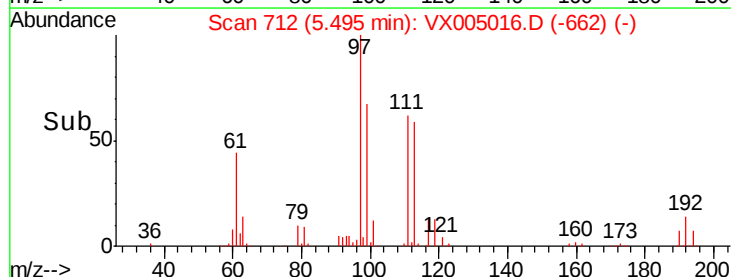


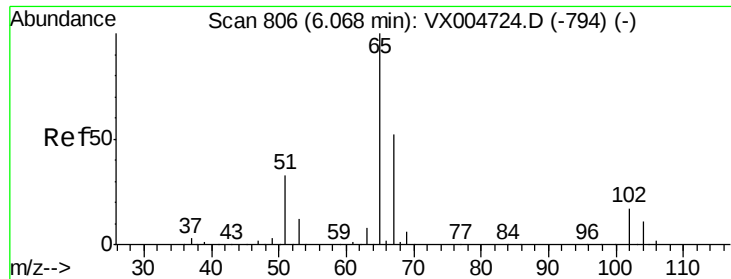
#32
1,1,1-Trichloroethane
Concen: 51.449 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 97 Resp: 231215
Ion Ratio Lower Upper
97 100
99 65.2 54.6 82.0
61 43.4 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

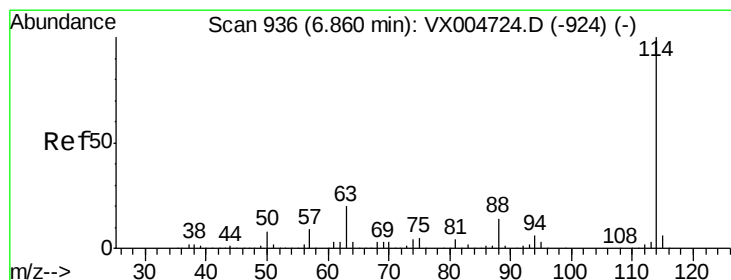
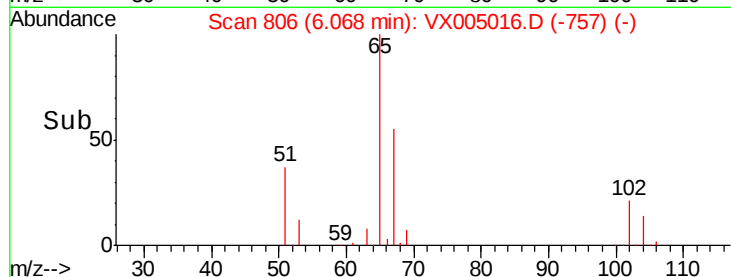
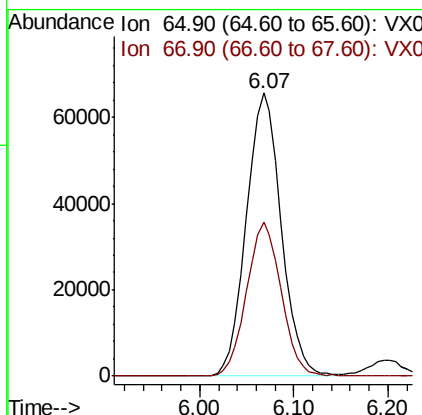
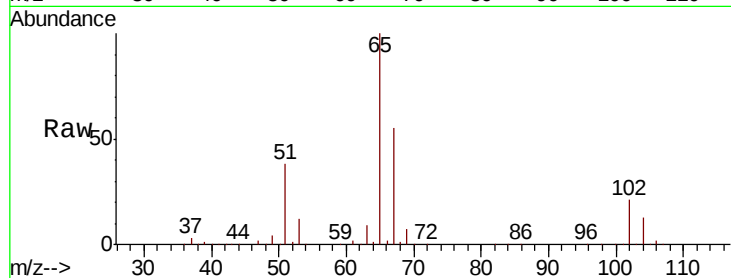




#33
 1,2-Dichloroethane-d4
 Concen: 48.415 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

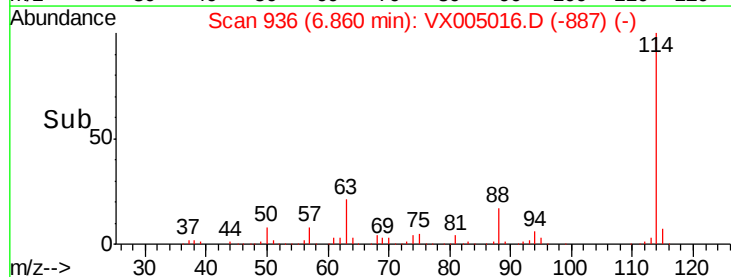
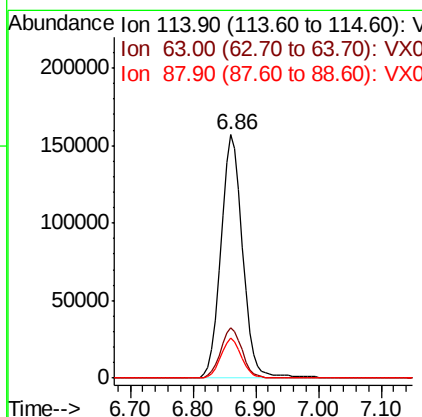
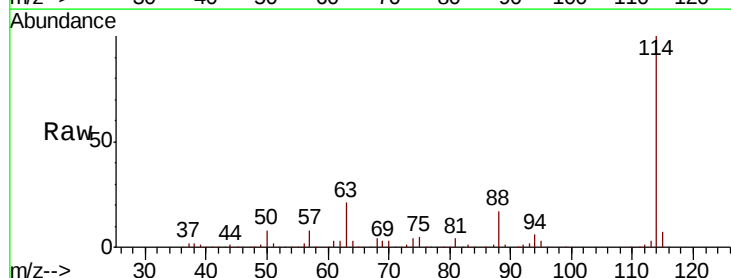
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 169572
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 114 Resp: 376783
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 16.5 0.0 27.0

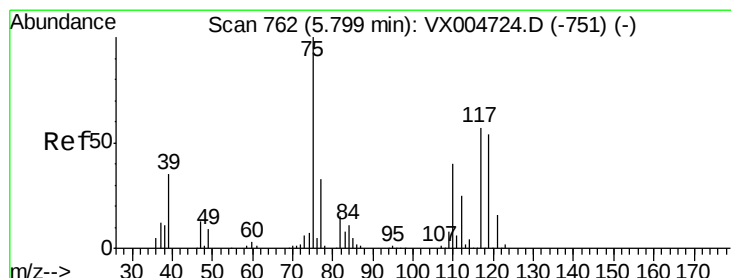
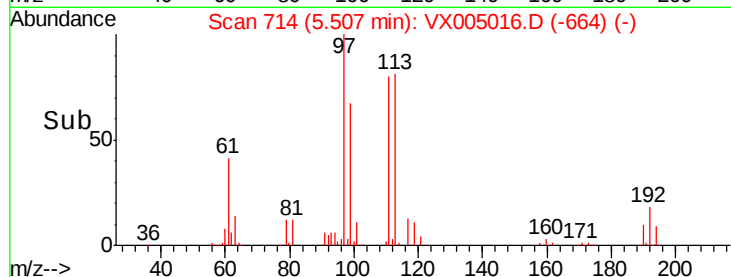
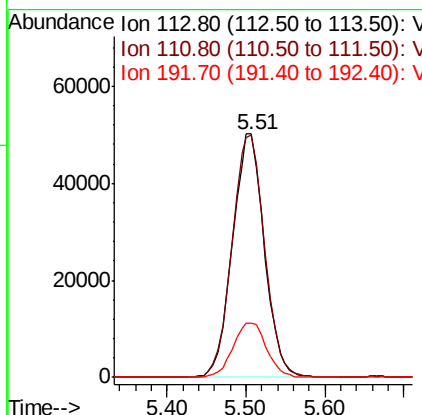
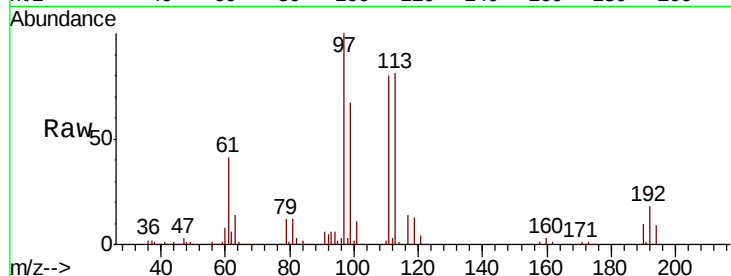




#35
 Dibromofluoromethane
 Concen: 44.057 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

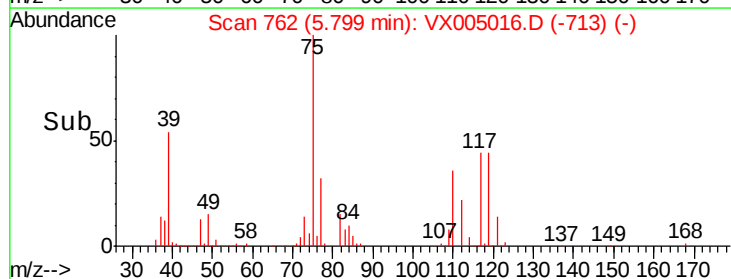
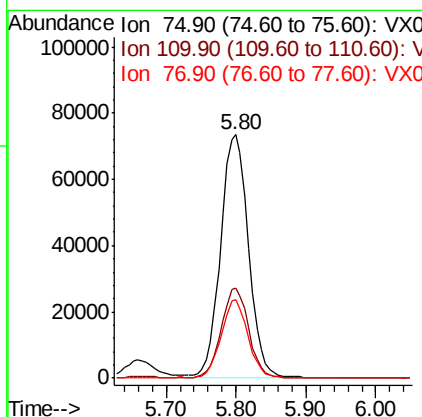
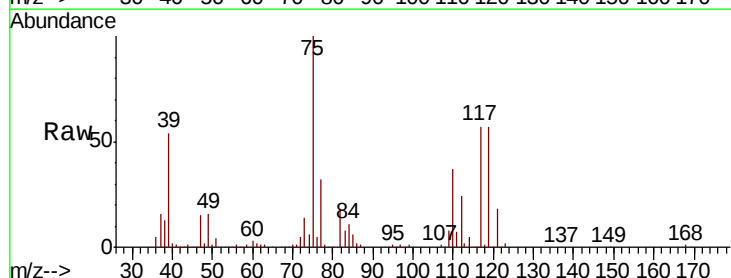
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

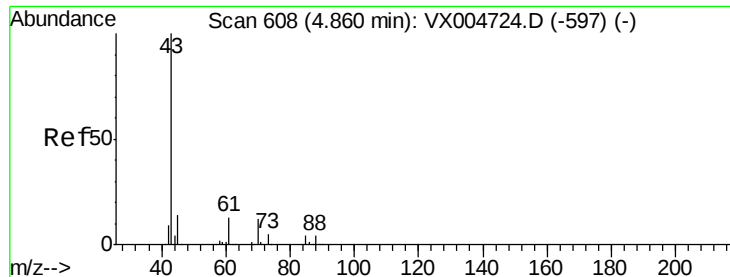
Tot Ion:113 Resp: 140688
 Ion Ratio Lower Upper
 113 100
 111 101.5 77.0 115.4
 192 23.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.533 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 75 Resp: 202736
 Ion Ratio Lower Upper
 75 100
 110 36.4 20.0 59.9
 77 31.2 27.1 40.7

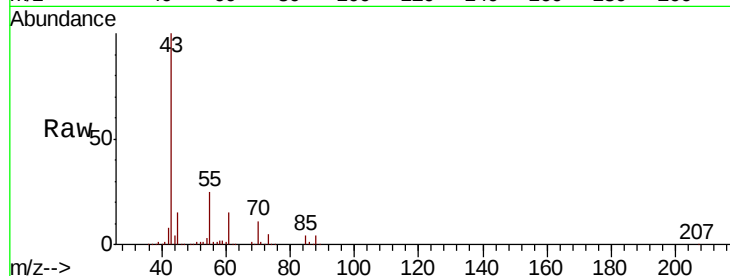




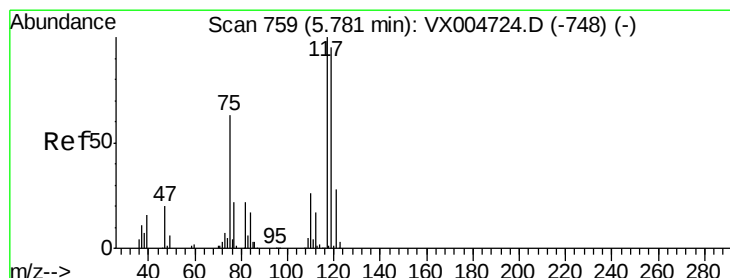
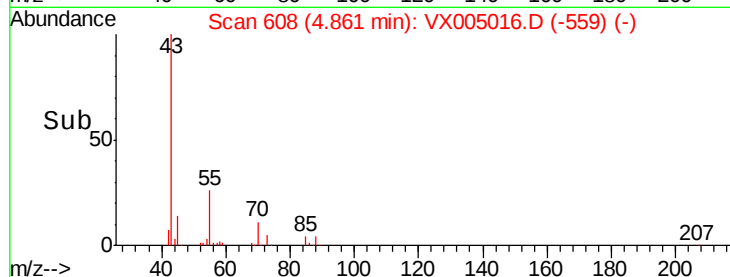
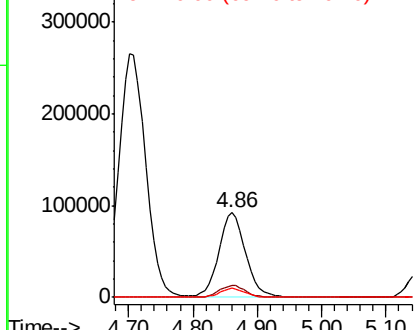
#37
Ethyl Acetate
Concen: 46.597 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 269484
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.3 8.7 13.1

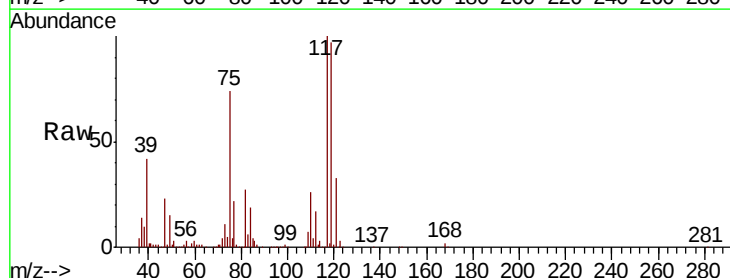


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

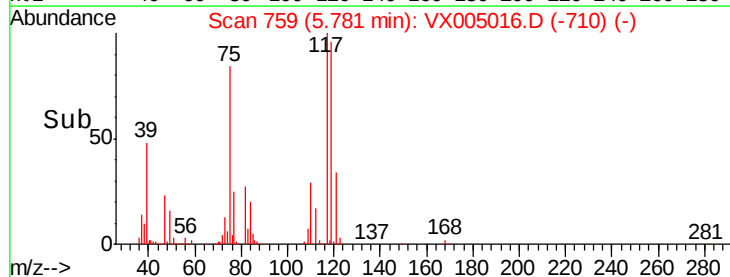
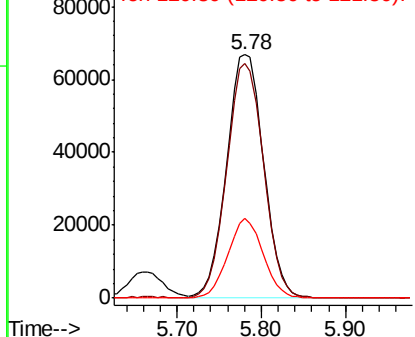


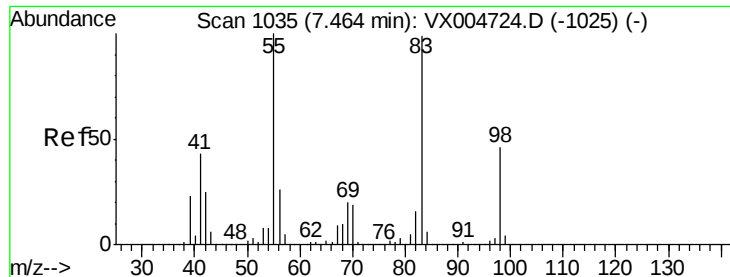
#38
Carbon Tetrachloride
Concen: 43.623 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 117 Resp: 199785
Ion Ratio Lower Upper
117 100
119 96.4 75.2 112.8
121 33.0 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

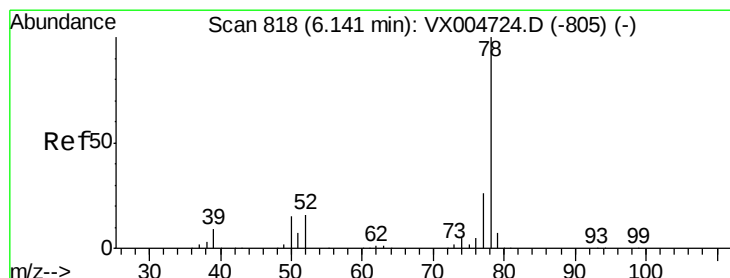
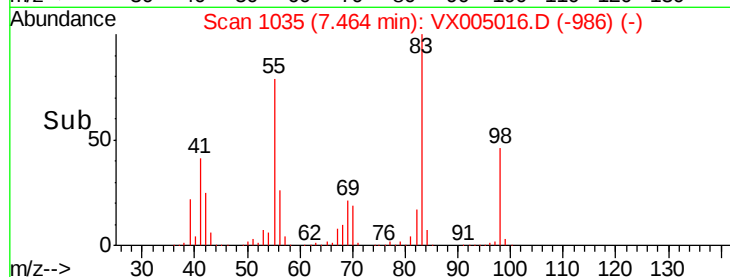
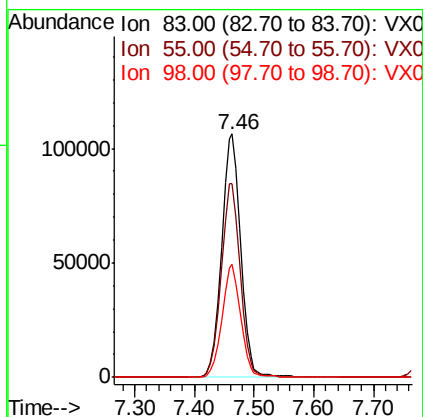
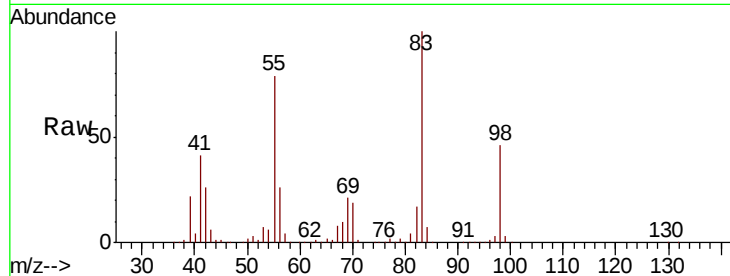




#39
Methvlcvclohexane
Concen: 53.372 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

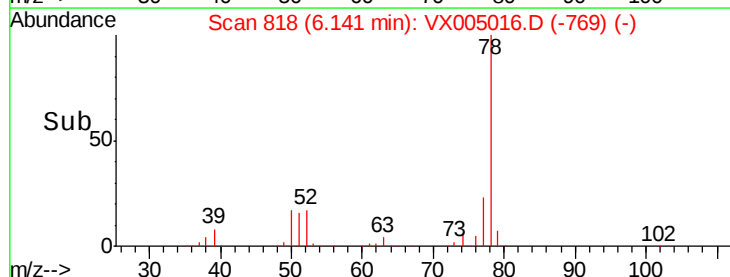
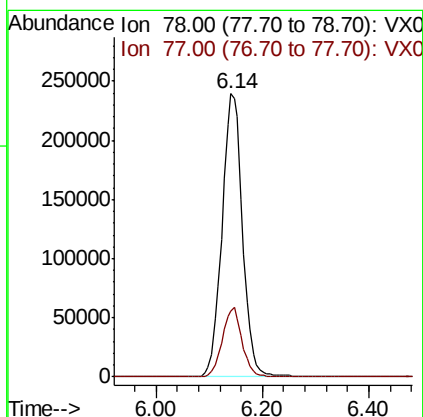
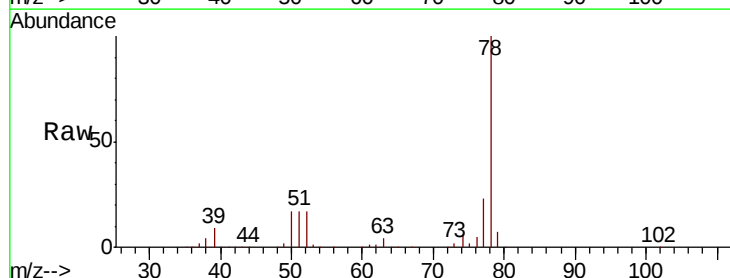
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 237441
Ion Ratio Lower Upper
83 100
55 79.4 81.1 121.7#
98 46.3 37.3 55.9



#40
Benzene
Concen: 47.320 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 78 Resp: 645441
Ion Ratio Lower Upper
78 100
77 23.2 21.0 31.4

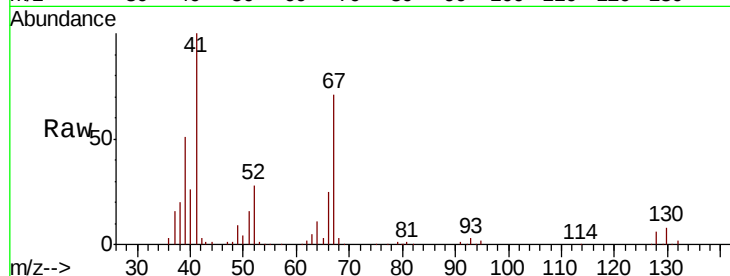




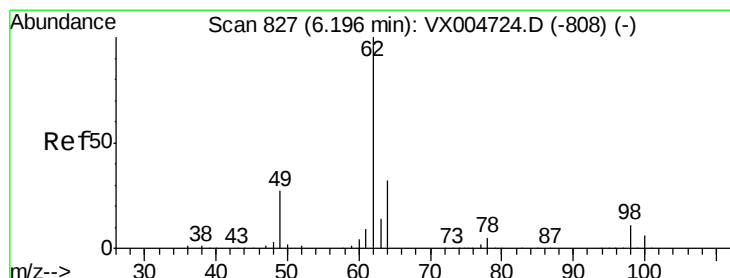
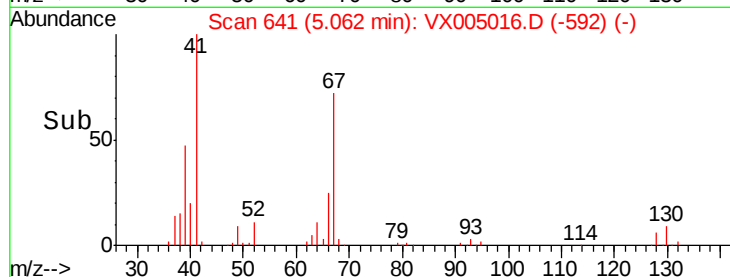
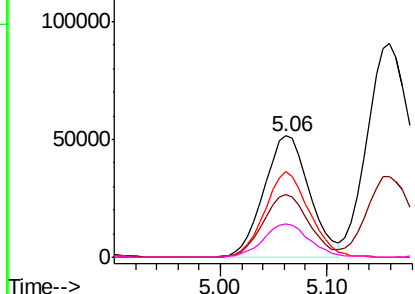
#41
Methacrylonitrile
Concen: 47.834 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	153417
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.5	63.7
67	69.0	53.0	79.6
52	27.5	19.8	29.8

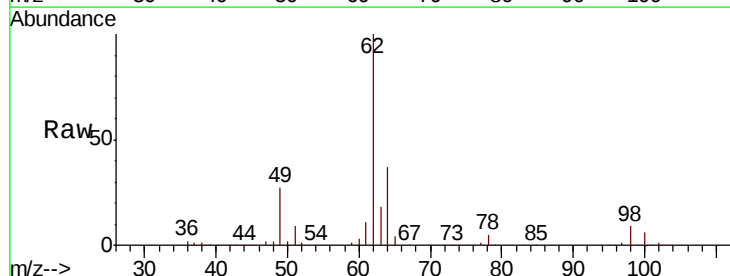


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

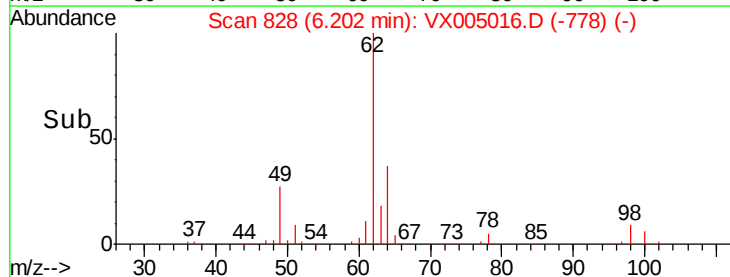
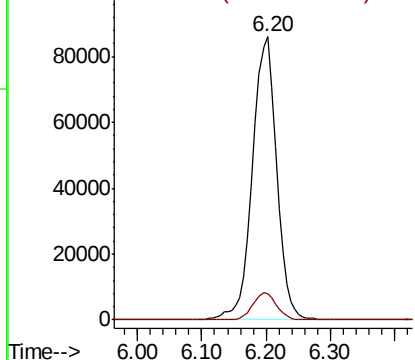


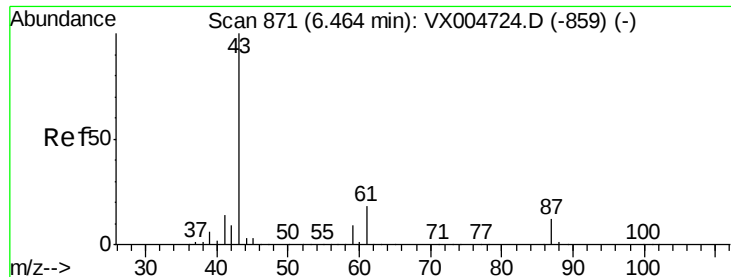
#42
1,2-Dichloroethane
Concen: 45.775 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion:	62	Resp:	220720
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



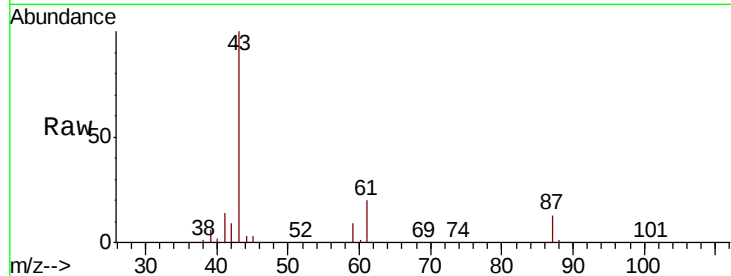


#43

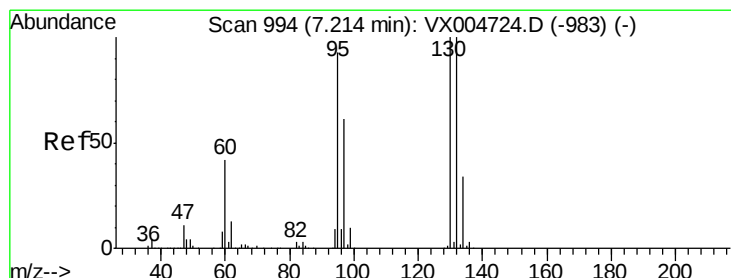
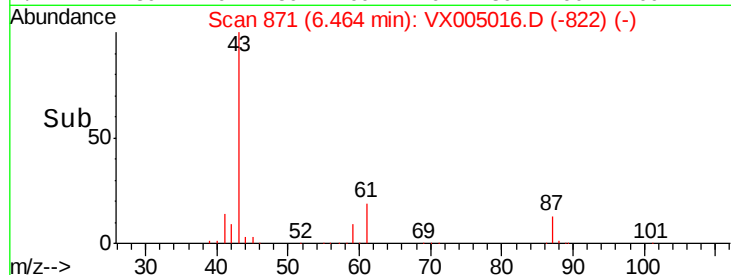
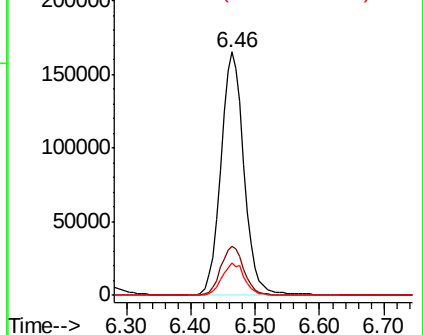
Isopropyl Acetate
 Concen: 49.898 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 416512
 Ion Ratio Lower Upper
 43 100
 61 20.4 14.2 21.4
 87 13.1 9.3 13.9



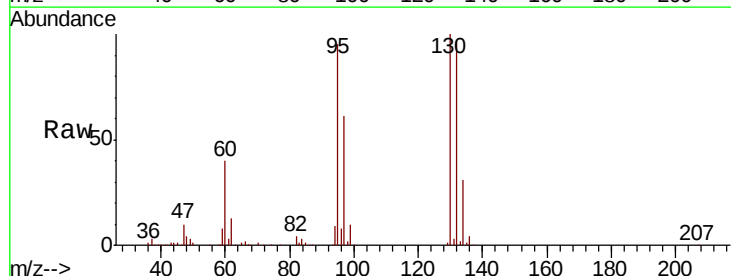
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



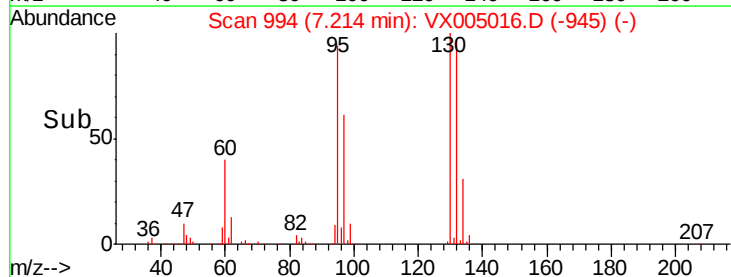
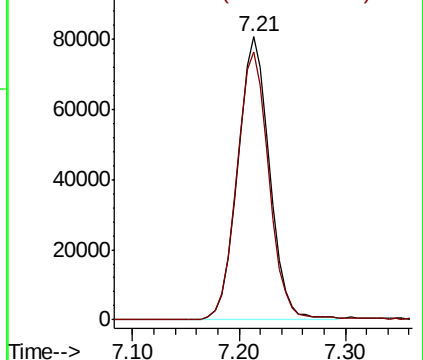
#44

Trichloroethene
 Concen: 50.425 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 130 Resp: 169080
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 186.8



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

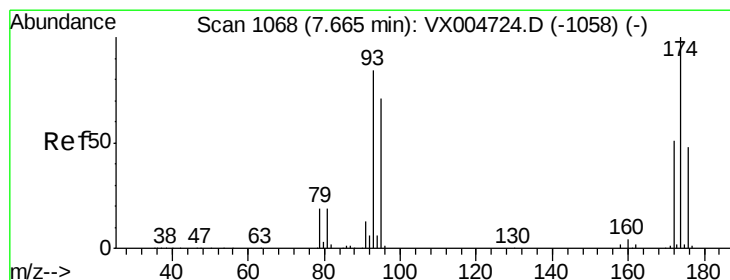
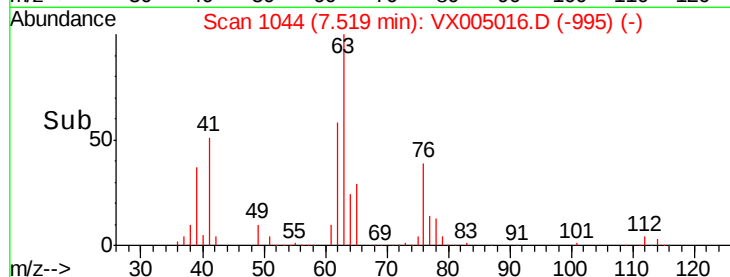
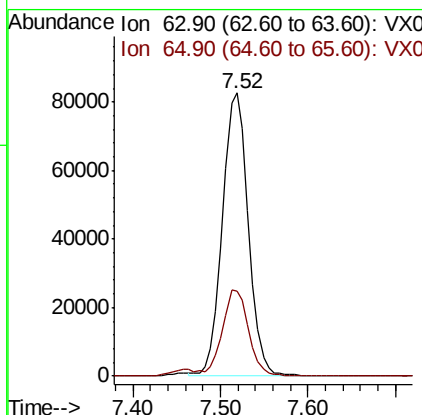
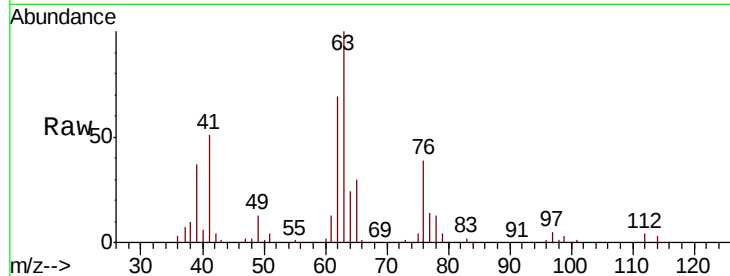




#45
 1,2-Dichloropropane
 Concen: 50.623 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

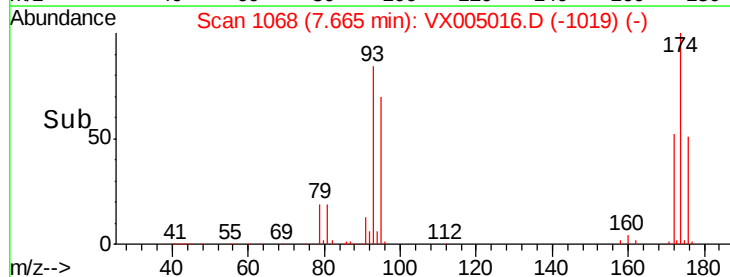
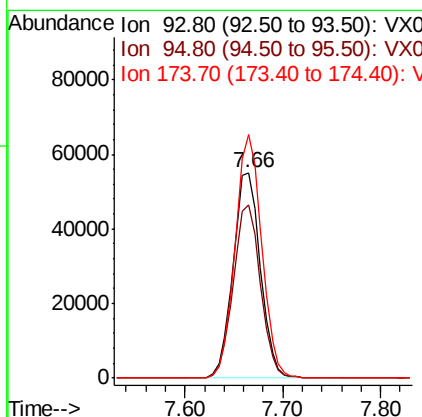
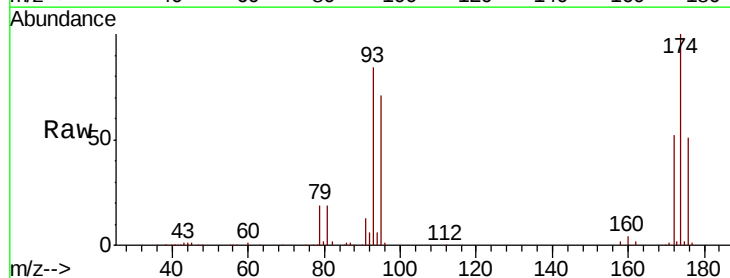
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

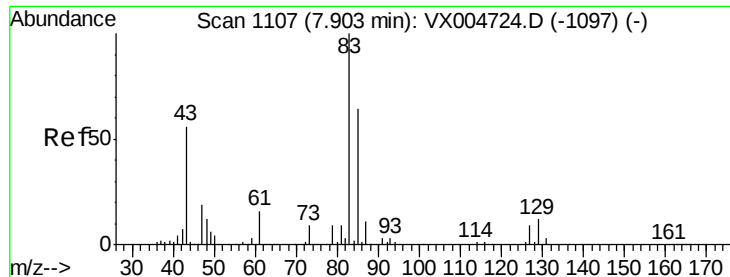
Tot Ion: 63 Resp: 169329
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9



#46
 Dibromomethane
 Concen: 50.709 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 93 Resp: 106599
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.7 100.1
 174 115.9 92.7 139.1





#47

Bromodichloromethane

Concen: 52.079 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

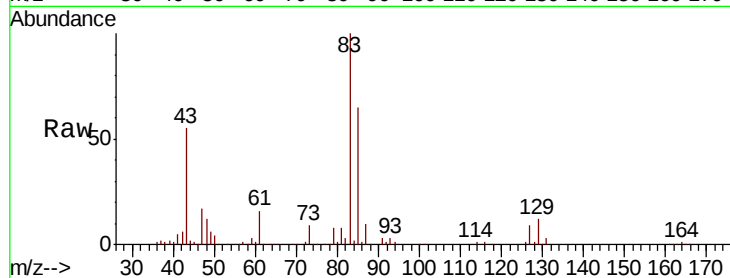
Tot Ion: 83 Resp: 204972

Ion Ratio Lower Upper

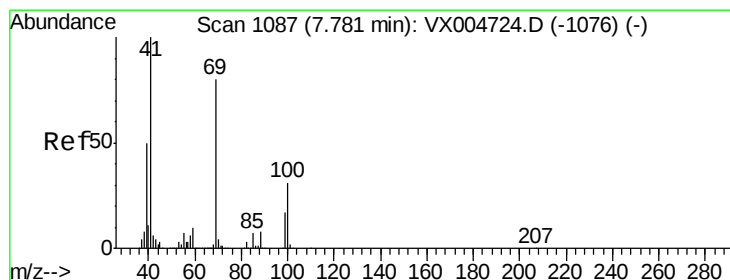
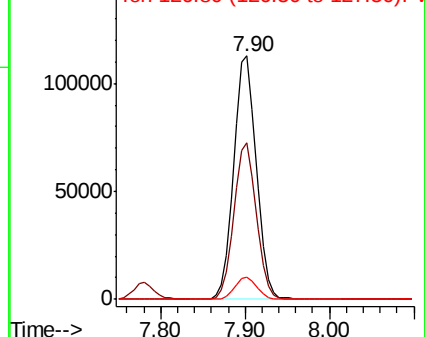
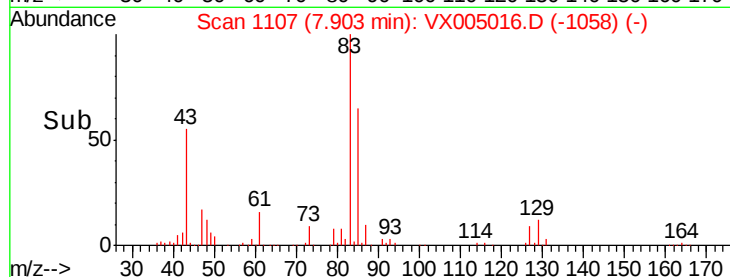
83 100

85 64.5 51.2 76.8

127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.243 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

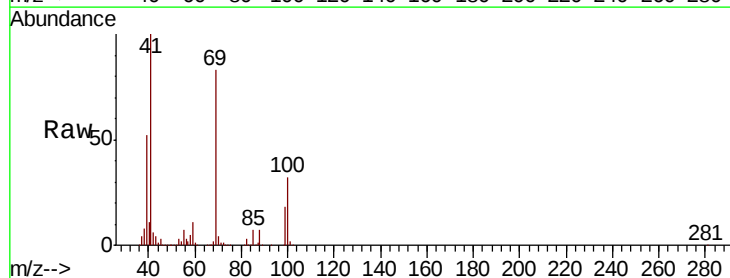
Tgt Ion: 41 Resp: 213088

Ion Ratio Lower Upper

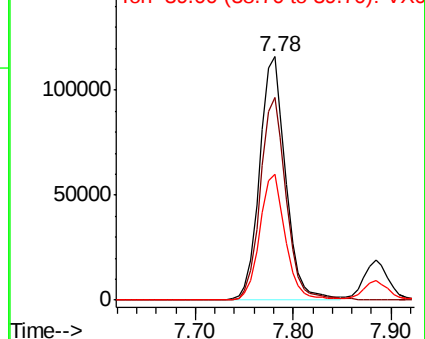
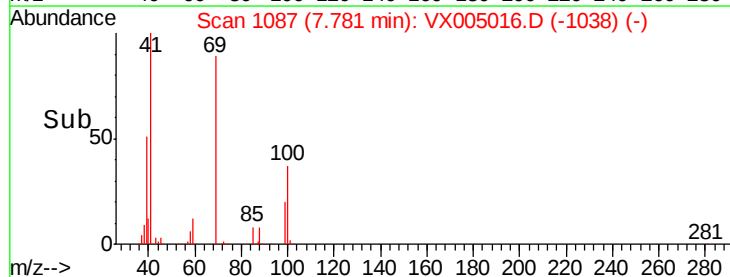
41 100

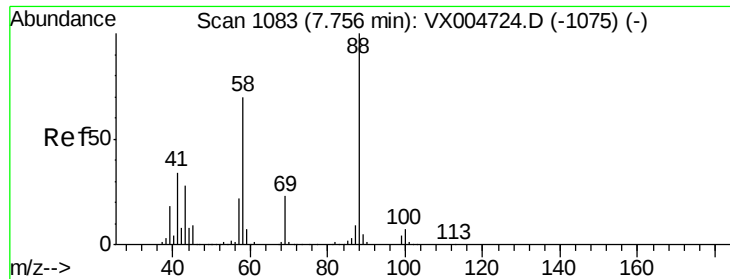
69 83.4 63.8 95.6

39 51.0 40.7 61.1



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

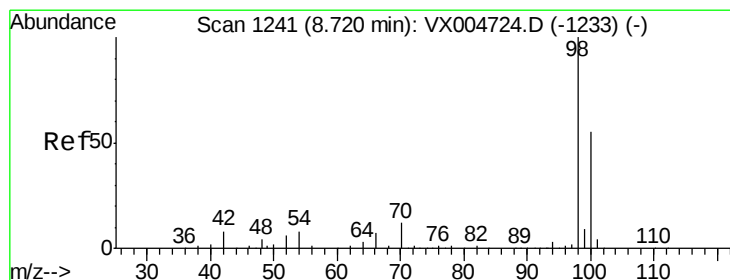
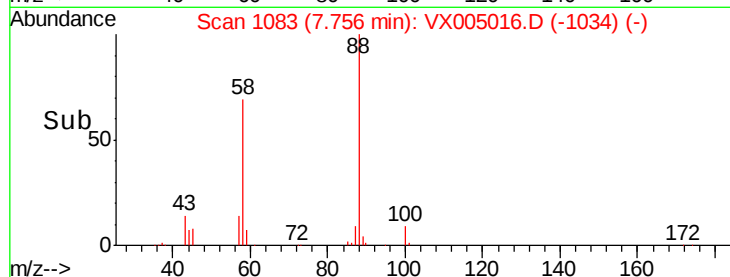
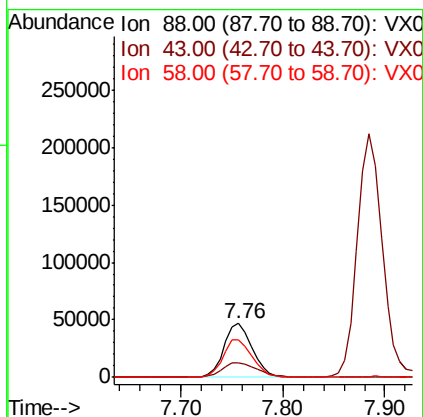
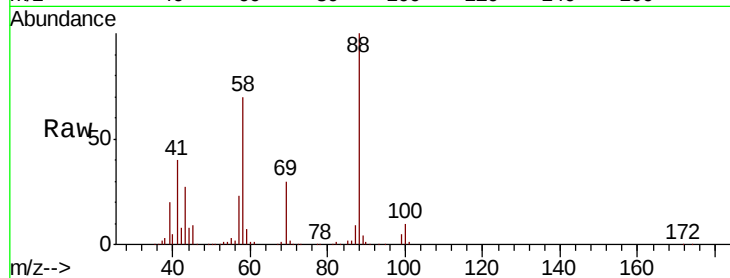




#49
1,4-Dioxane
Concen: 956.526 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

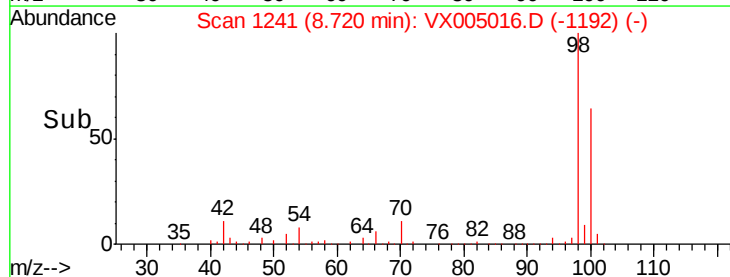
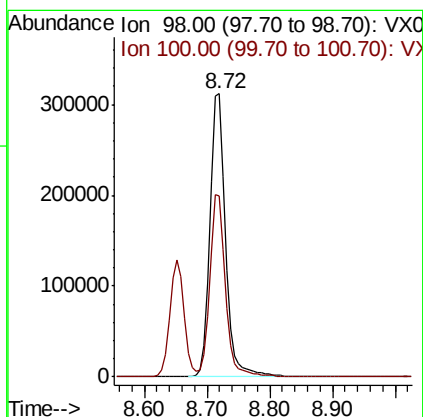
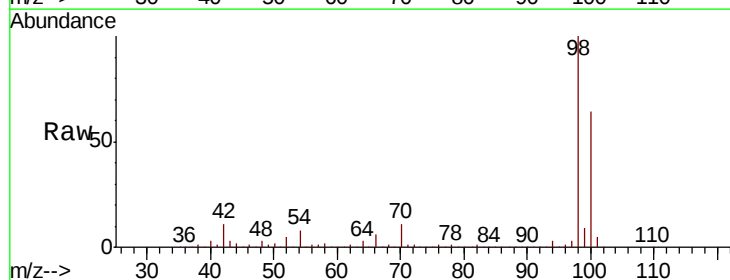
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 90034
Ion Ratio Lower Upper
88 100
43 31.6 25.1 37.7
58 72.5 56.2 84.2



#50
Toluene-d8
Concen: 50.578 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 98 Resp: 536943
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

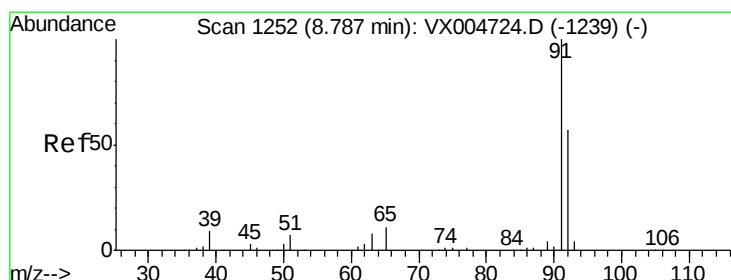
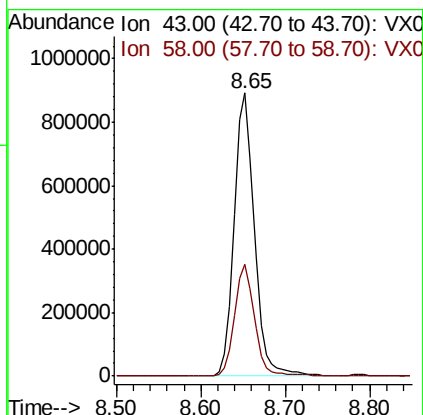
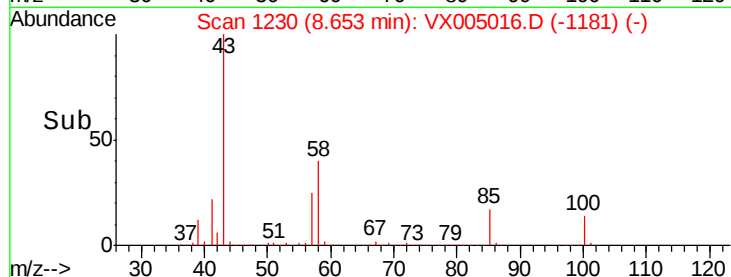
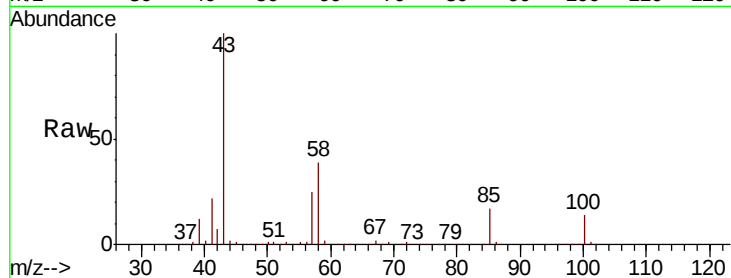




#51
4-Methyl-2-Pentanone
Concen: 275.391 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

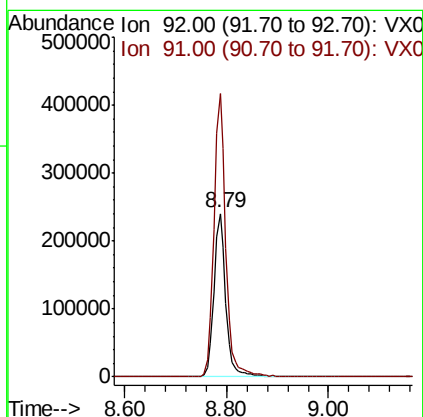
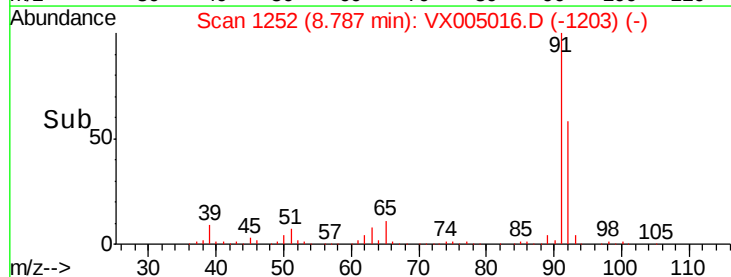
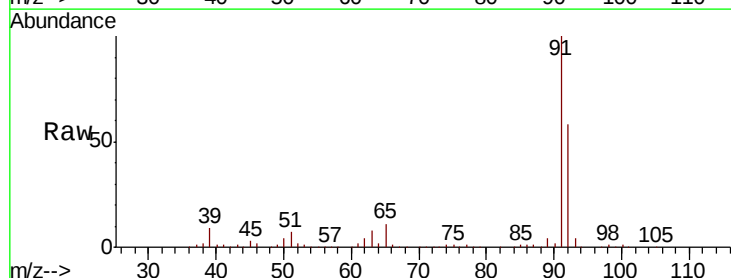
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

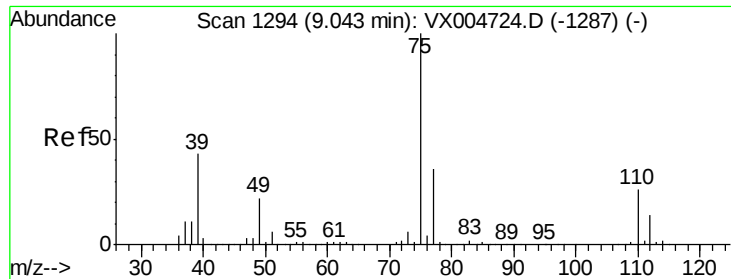
Tot Ion: 43 Resp: 1447405
Ion Ratio Lower Upper
43 100
58 39.3 30.5 45.7



#52
Toluene
Concen: 52.030 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 92 Resp: 389962
Ion Ratio Lower Upper
92 100
91 174.3 136.7 205.1

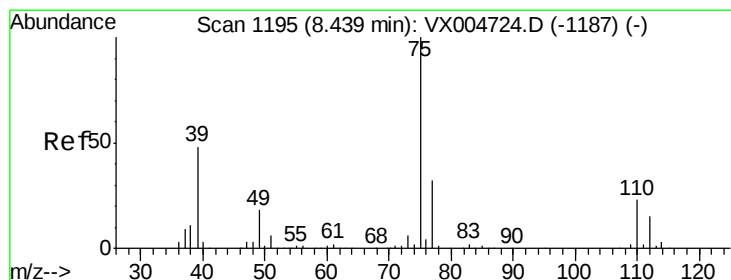
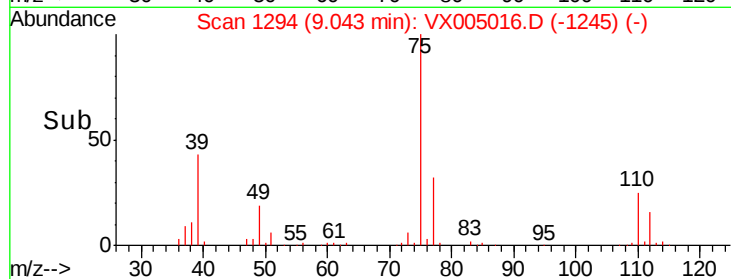
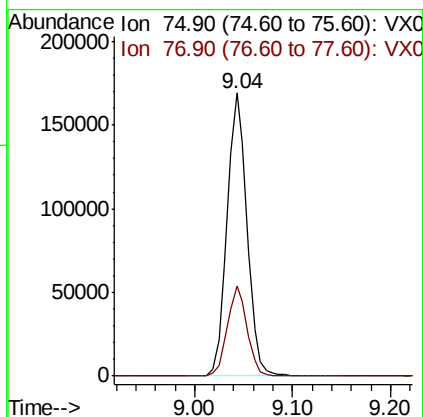
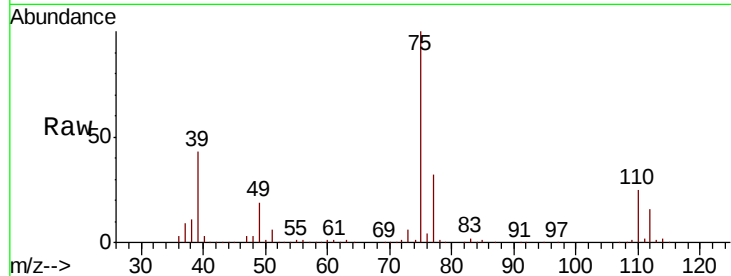




#53
t-1,3-Dichloropropene
Concen: 53.810 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

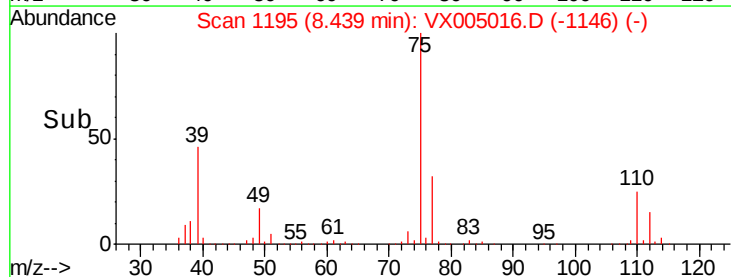
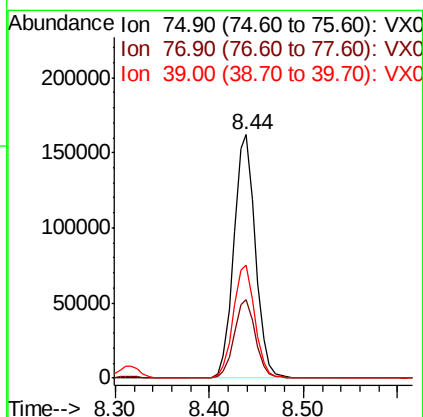
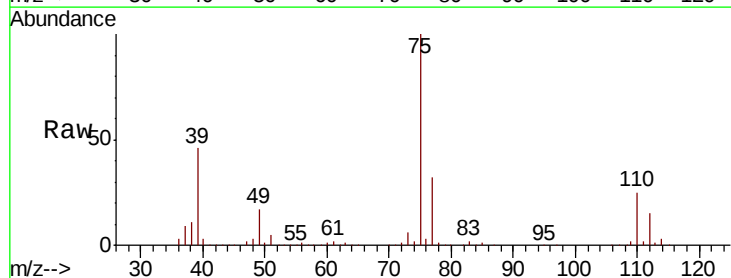
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 239328
Ion Ratio Lower Upper
75 100
77 31.7 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 55.039 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 75 Resp: 256399
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 46.1 38.3 57.5

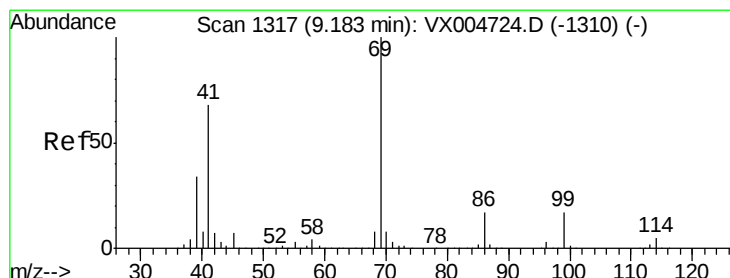
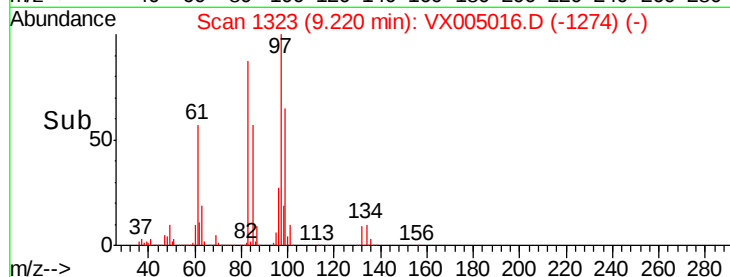
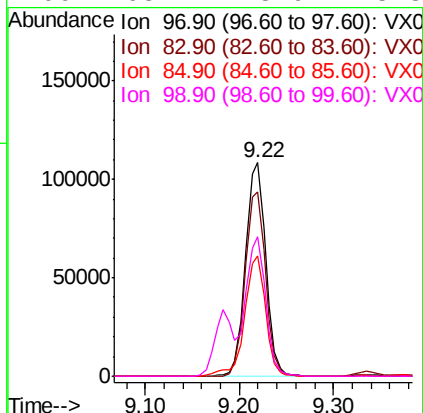
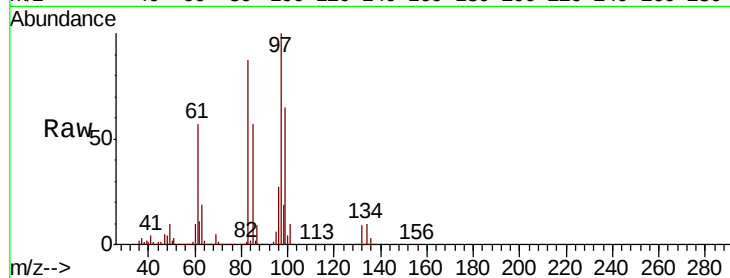




#55
 1,1,2-Trichloroethane
 Concen: 49.733 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

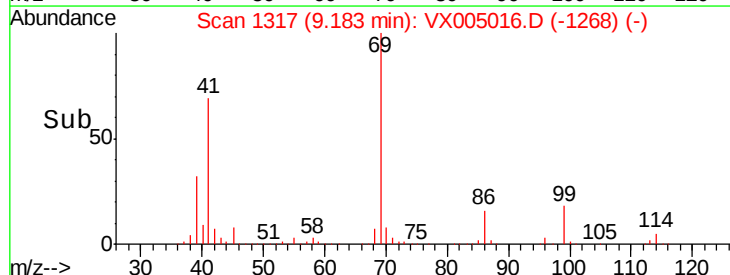
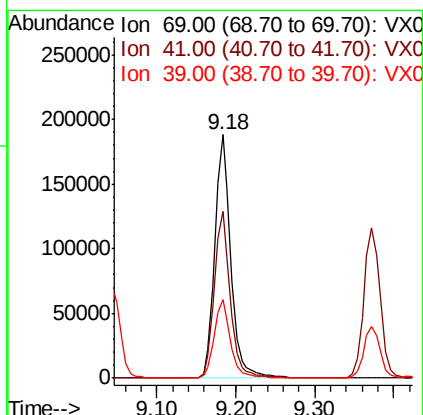
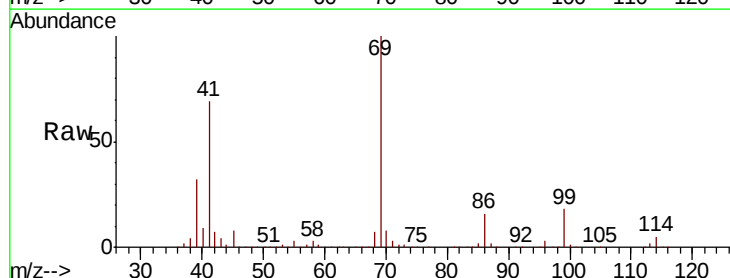
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	163275
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	56.6	49.9	74.9
99	65.1	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 50.228 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion:	69	Resp:	267663
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	32.5	28.4	42.6

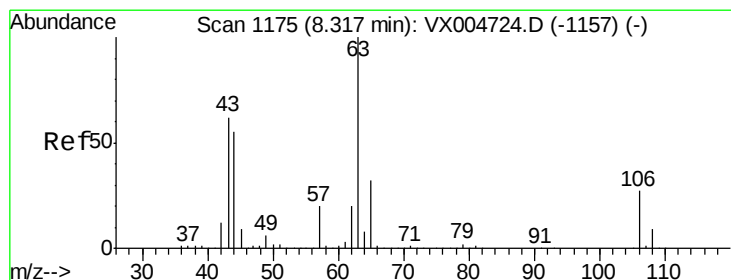
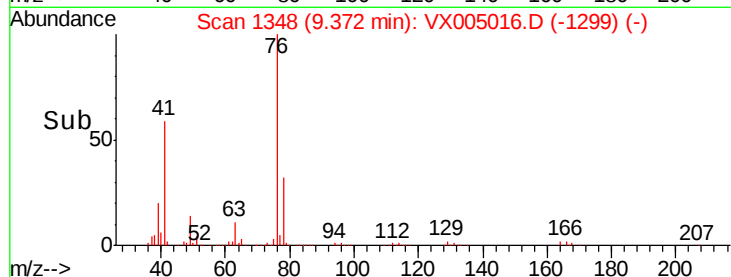
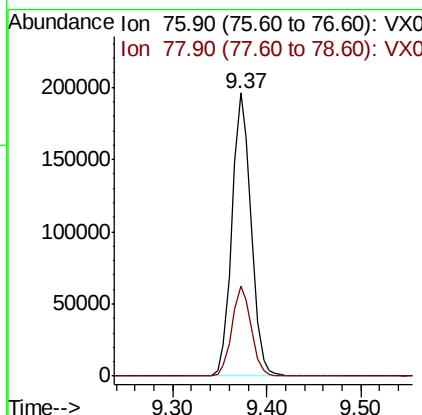
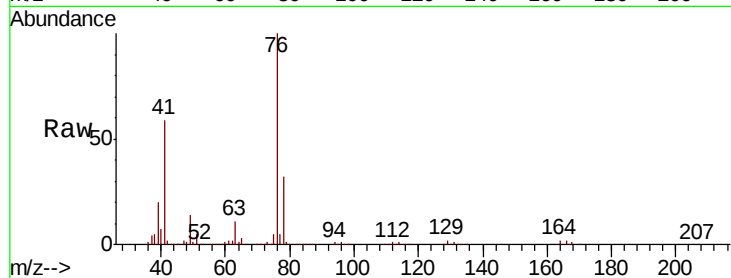




#57
 1,3-Dichloropropane
 Concen: 50.534 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

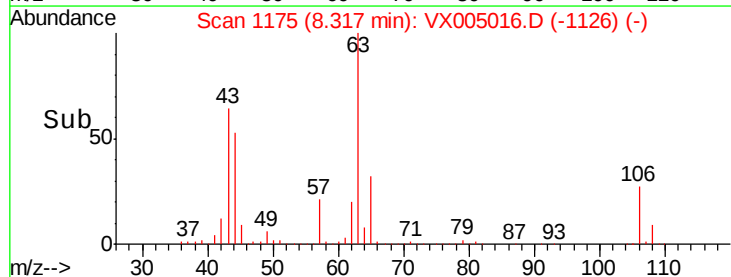
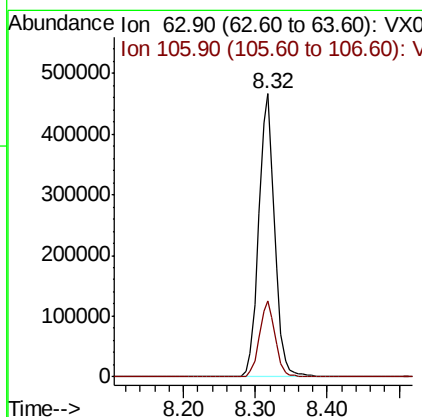
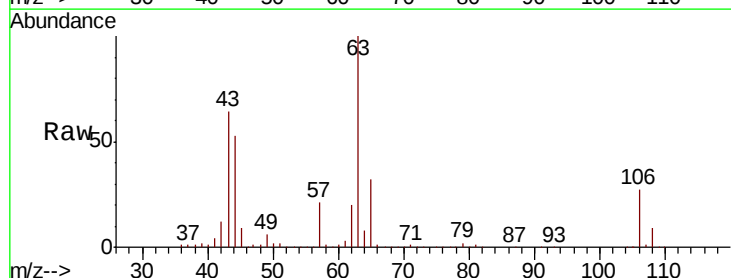
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

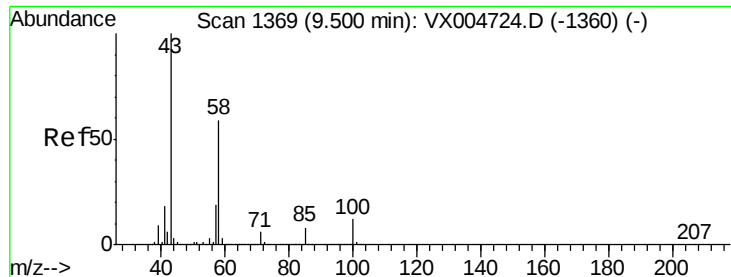
Tot Ion: 76 Resp: 276116
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.312 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 63 Resp: 723129
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

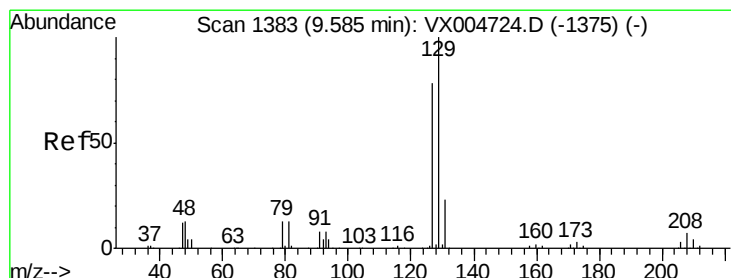
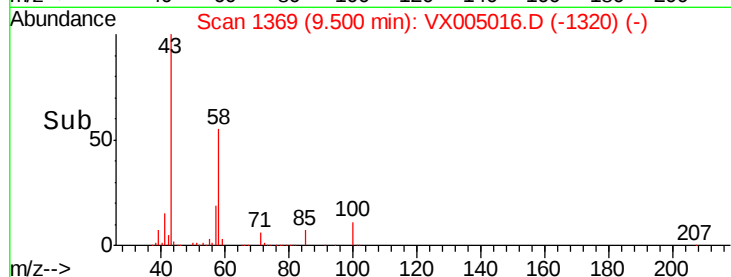
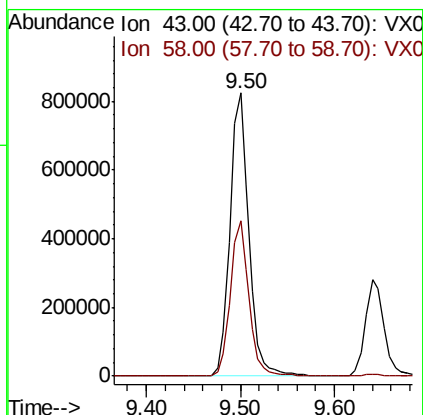
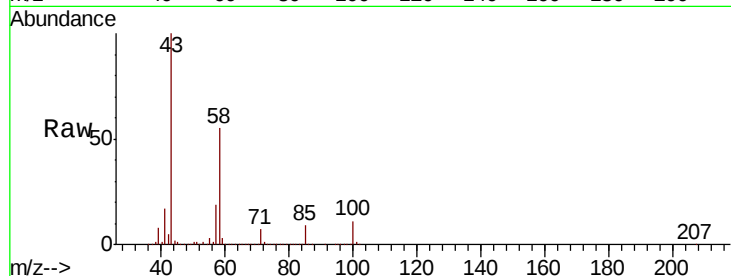




#59
2-Hexanone
Concen: 261.577 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

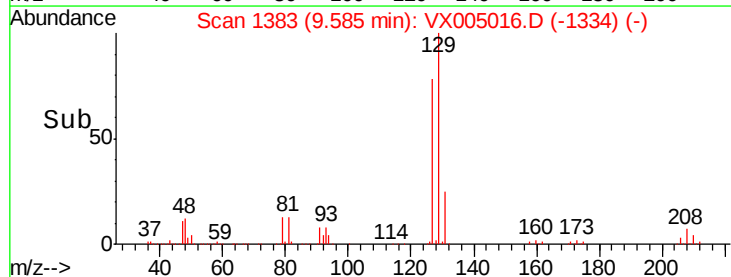
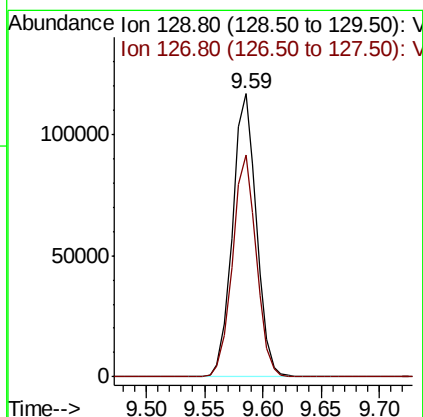
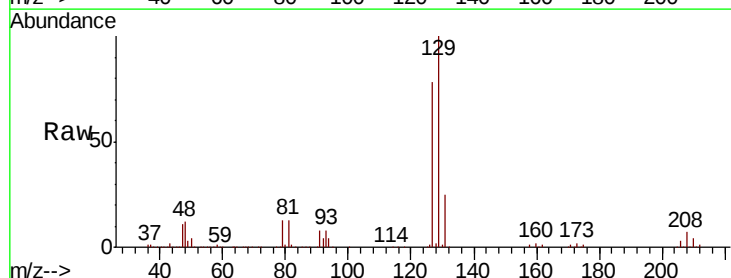
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1145648
Ion Ratio Lower Upper
43 100
58 54.2 28.4 85.3



#60
Dibromochloromethane
Concen: 50.993 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 129 Resp: 167424
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 48.343 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

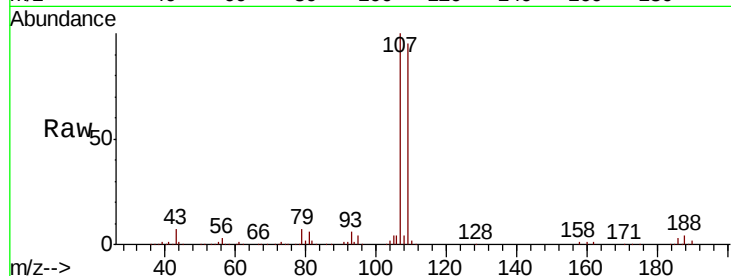
VSTDCCC050EC

Tot Ion:107 Resp: 169971

Ion Ratio Lower Upper

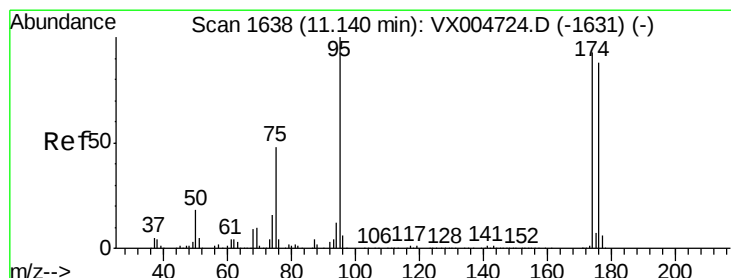
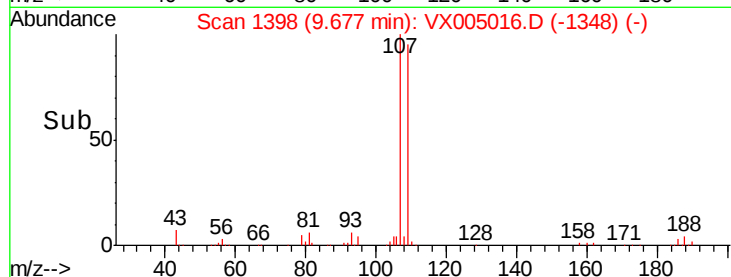
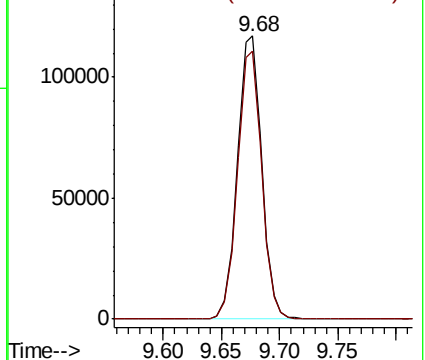
107 100

109 95.0 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.394 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

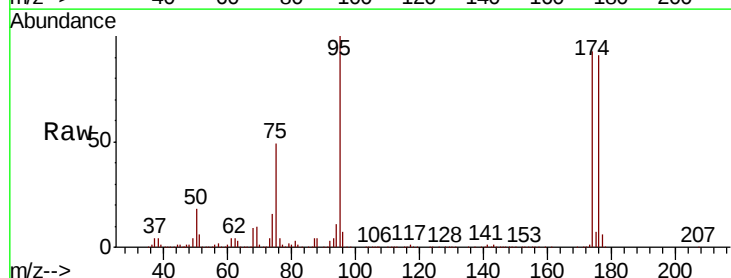
Tgt Ion: 95 Resp: 200381

Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.0

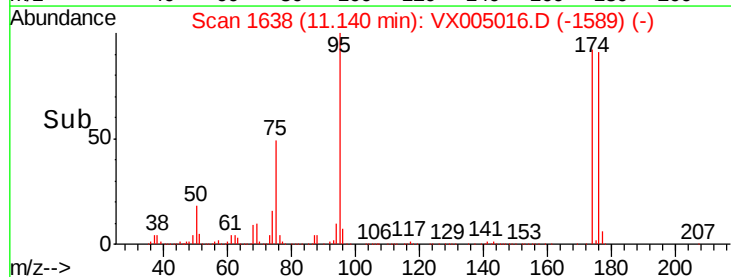
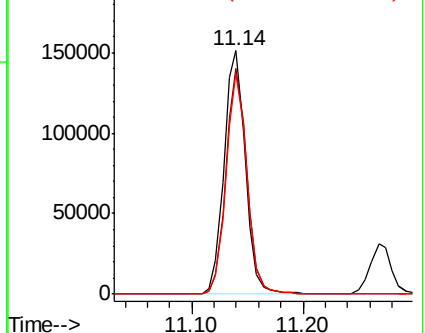
176 88.7 0.0 180.2

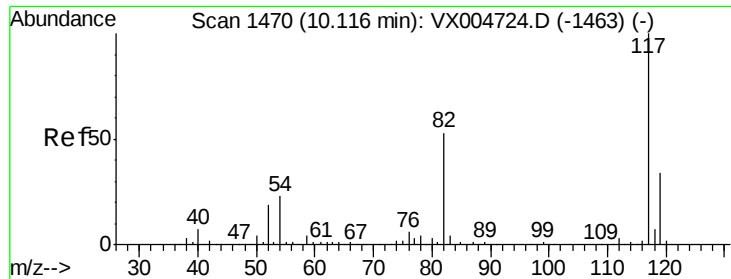


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

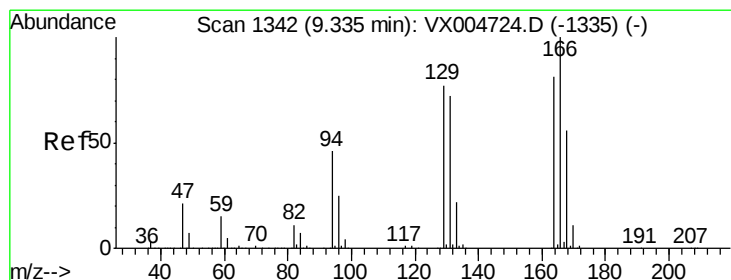
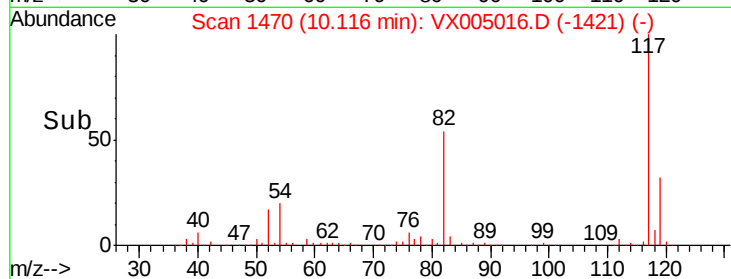
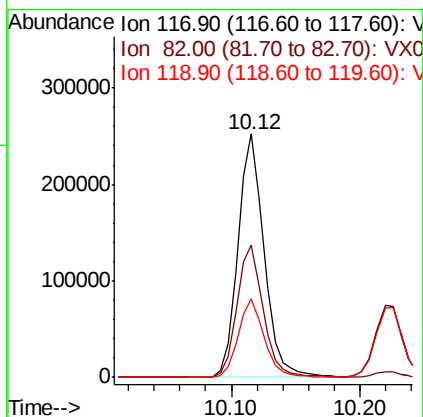
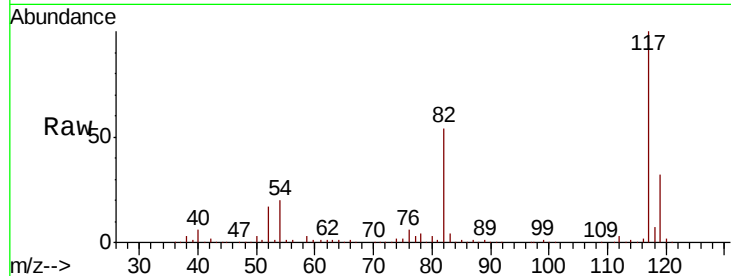




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

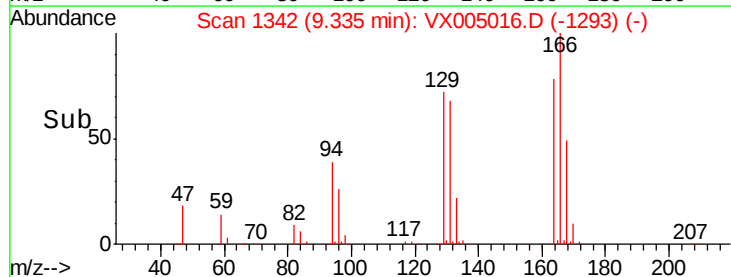
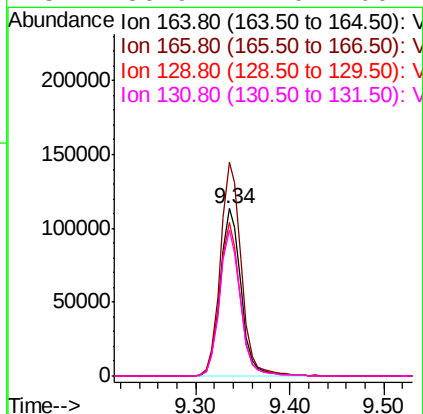
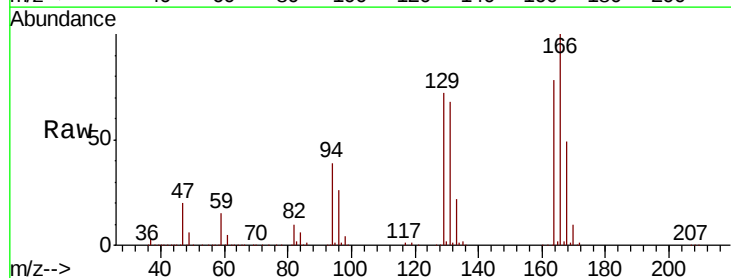
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

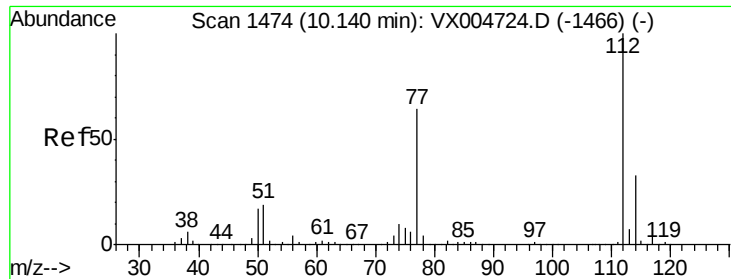
Tot Ion:117 Resp: 354676
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.4 27.4 41.0



#64
Tetrachloroethene
Concen: 50.116 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion:164 Resp: 174944
Ion Ratio Lower Upper
164 100
166 127.4 98.4 147.6
129 91.4 76.1 114.1
131 86.9 71.0 106.4





#65

Chlorobenzene

Concen: 48.640 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

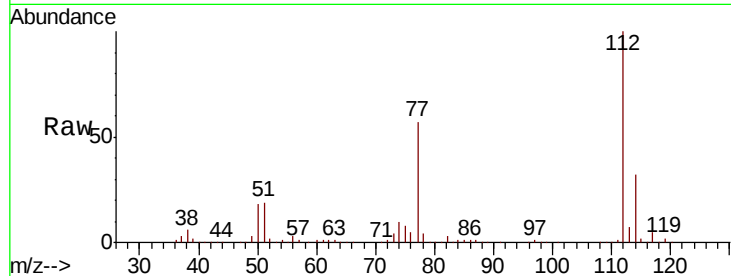
VSTDCCC050EC

Tot Ion:112 Resp: 442376

Ion Ratio Lower Upper

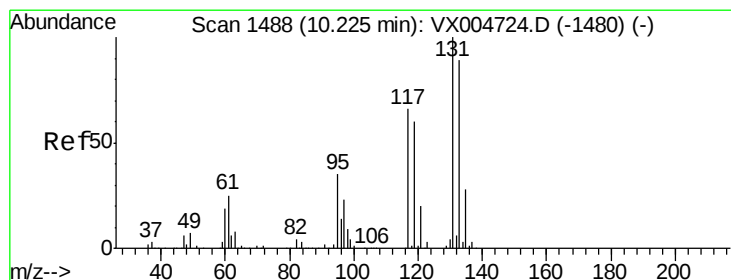
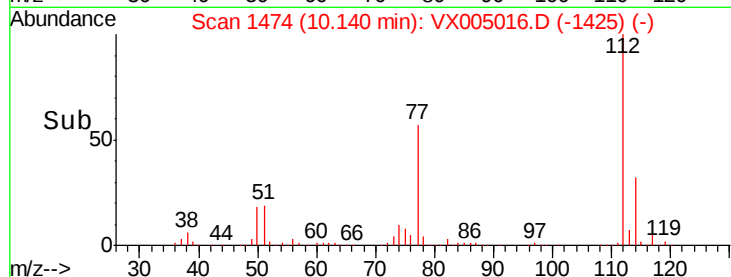
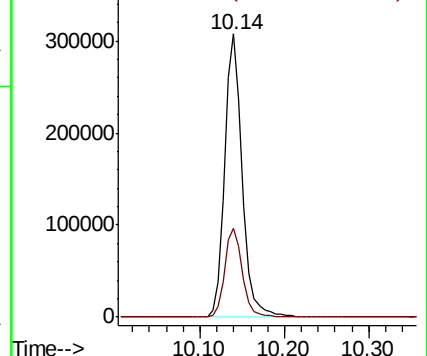
112 100

114 31.5 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.891 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

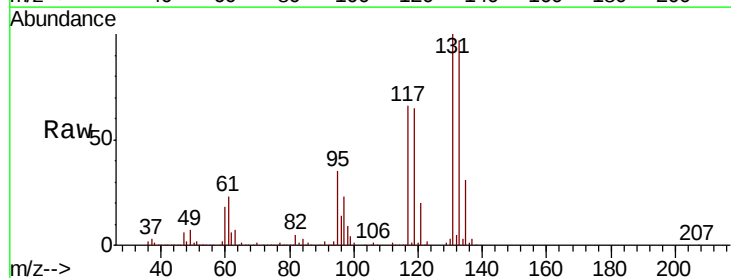
Tgt Ion:131 Resp: 159521

Ion Ratio Lower Upper

131 100

133 96.7 48.4 145.0

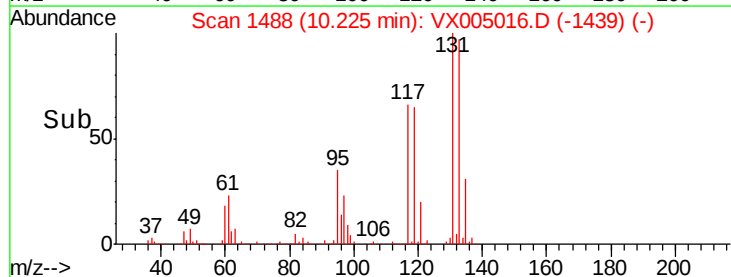
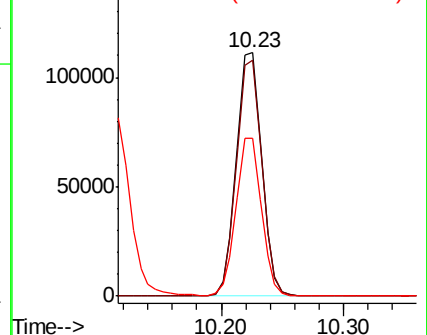
119 65.4 32.3 96.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

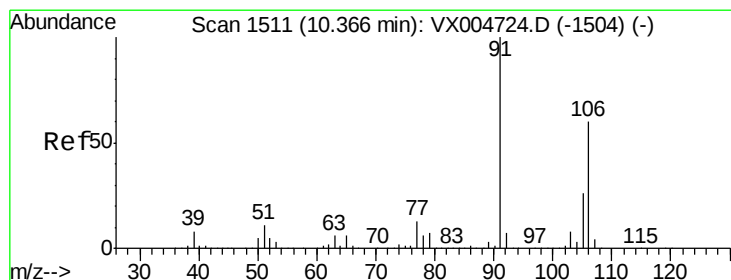
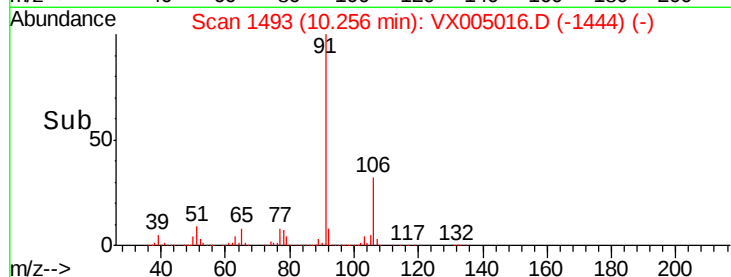
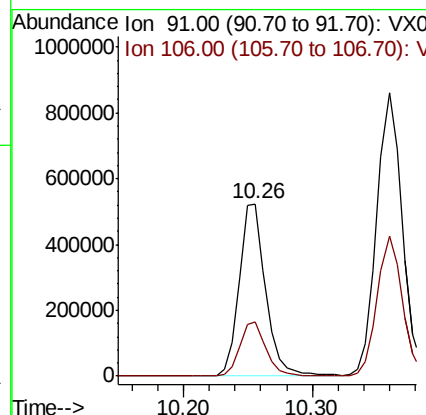
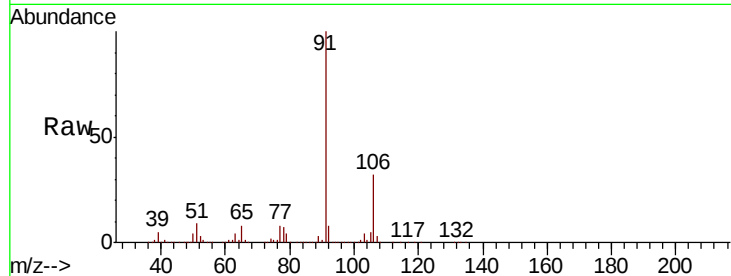




#67
Ethyl Benzene
Concen: 51.961 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

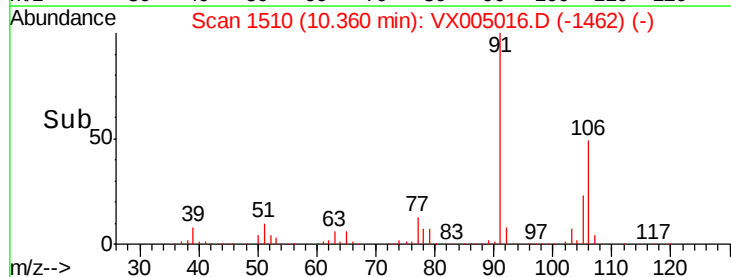
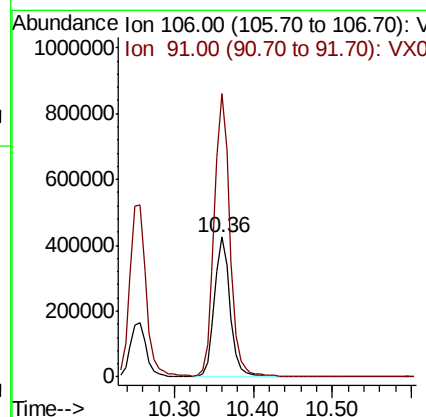
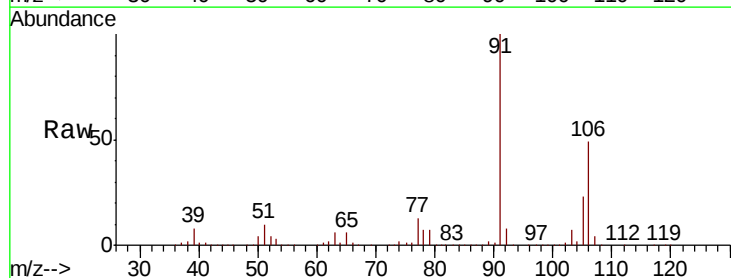
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 750275
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3



#68
m/p-Xylenes
Concen: 104.038 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 106 Resp: 587028
Ion Ratio Lower Upper
106 100
91 203.9 157.5 236.3

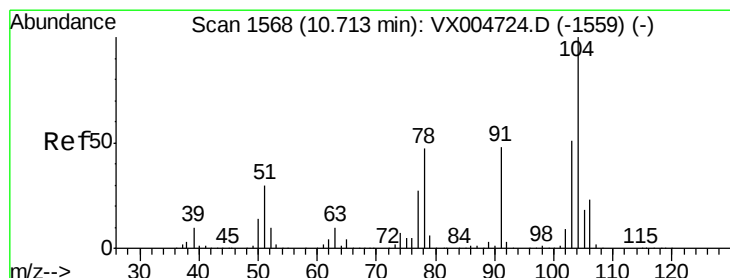
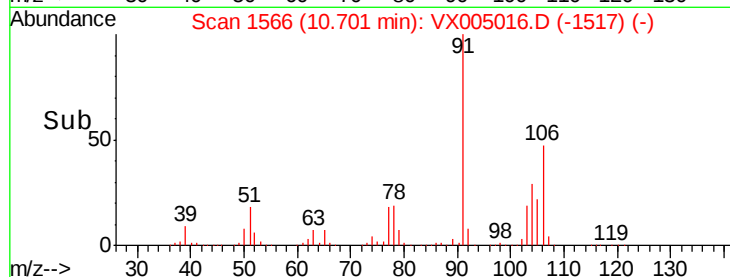
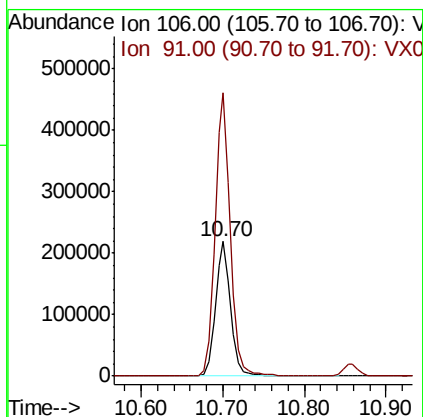
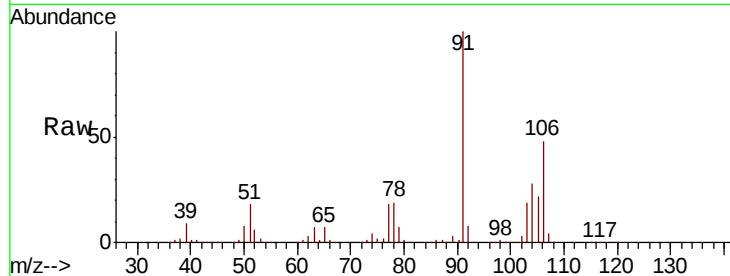




#69
o-Xylene
Concen: 55.293 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

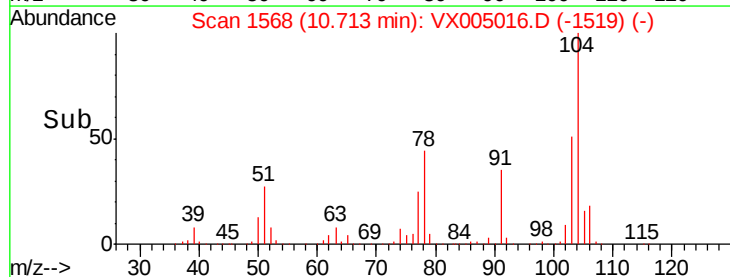
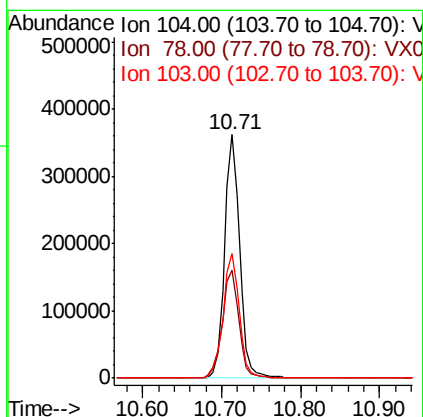
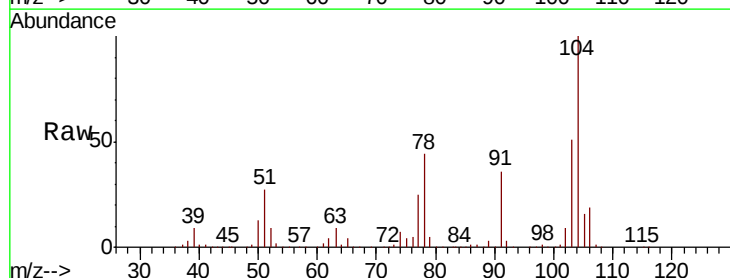
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

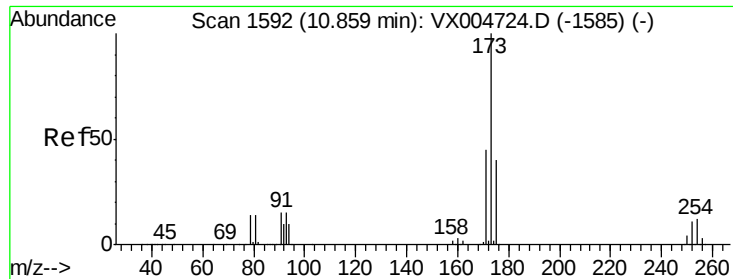
Tot Ion:106 Resp: 286562
Ion Ratio Lower Upper
106 100
91 211.4 108.3 324.8



#70
Styrene
Concen: 49.680 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion:104 Resp: 481408
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 55.3 44.3 66.5





#71

Bromoform

Concen: 50.402 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

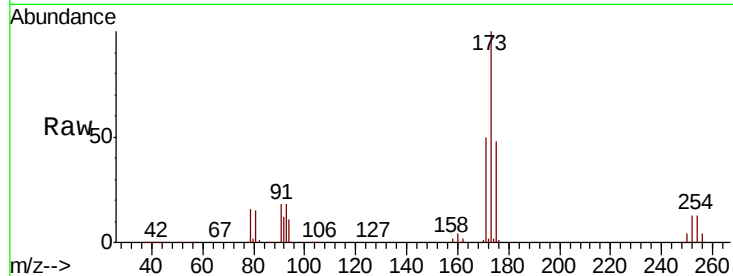
Tot Ion:173 Resp: 137968

Ion Ratio Lower Upper

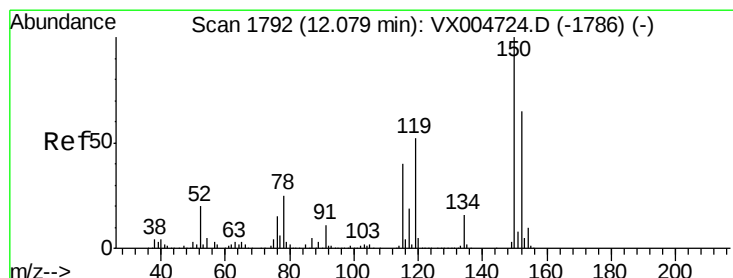
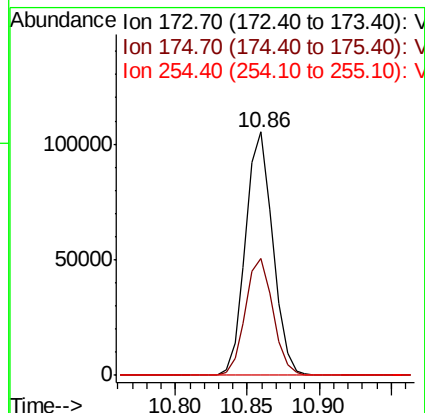
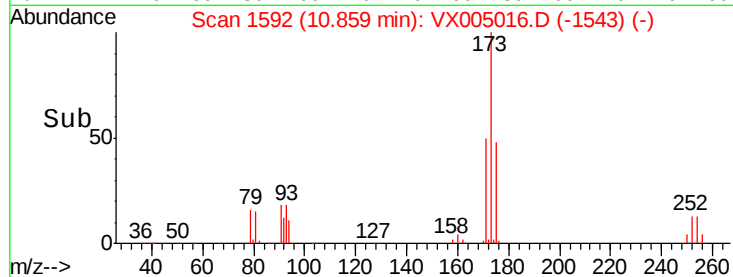
173 100

175 48.5 23.3 69.8

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

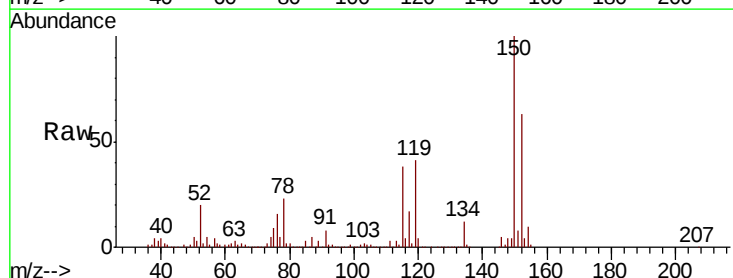
Tgt Ion:152 Resp: 214395

Ion Ratio Lower Upper

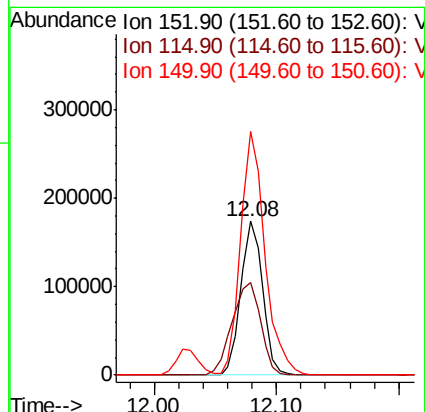
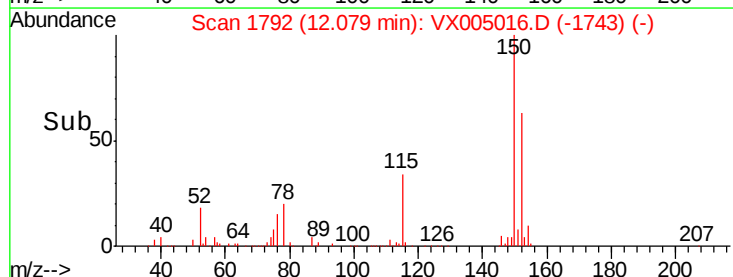
152 100

115 78.6 40.2 120.6

150 175.9 0.0 351.0



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





#73

Isopropylbenzene

Concen: 56.164 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

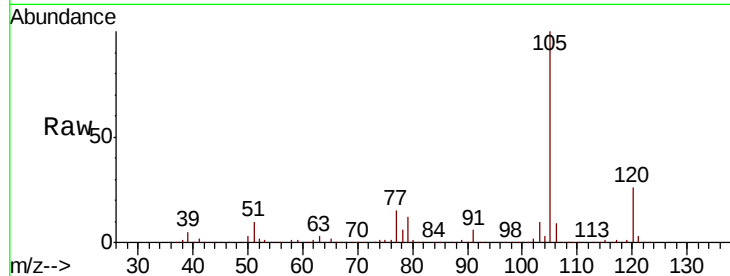
VSTDCCC050EC

Tot Ion: 105 Resp: 758983

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

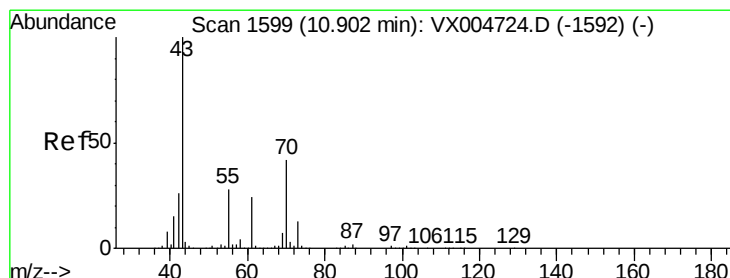
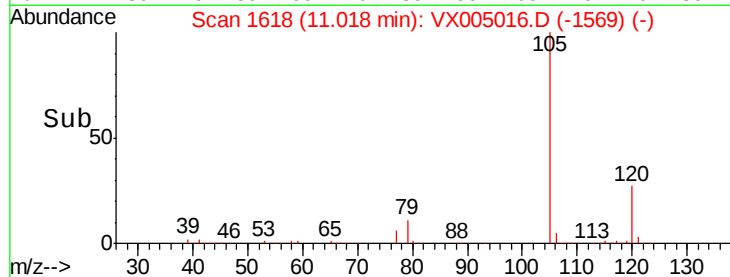
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 50.788 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Tgt Ion: 43 Resp: 377446

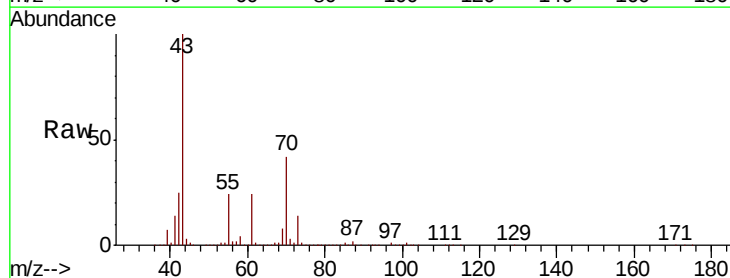
Ion Ratio Lower Upper

43 100

70 40.8 32.6 48.8

55 24.5 21.6 32.4

61 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

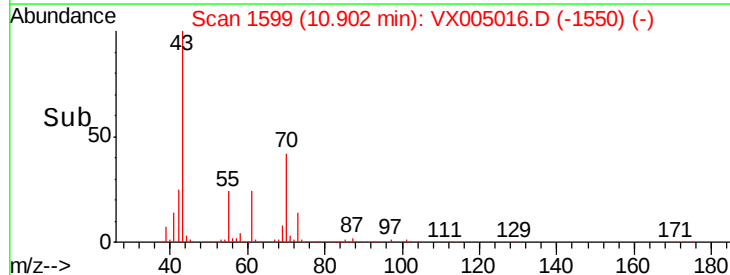
300000

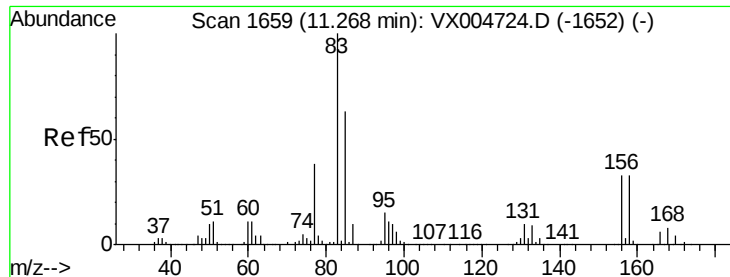
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.597 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

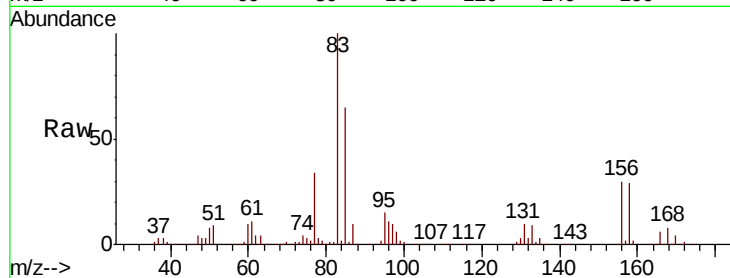
Tot Ion: 83 Resp: 267327

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

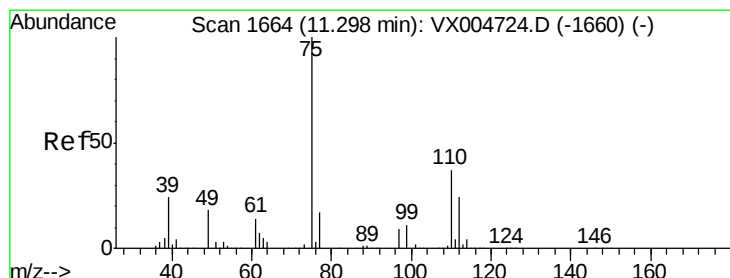
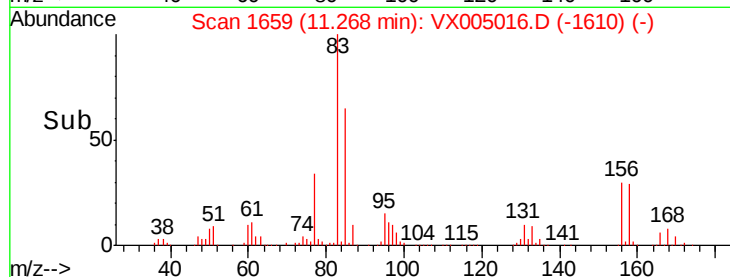
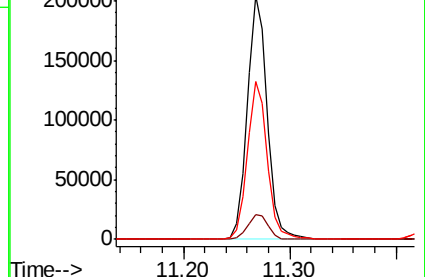
85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.994 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005016.D

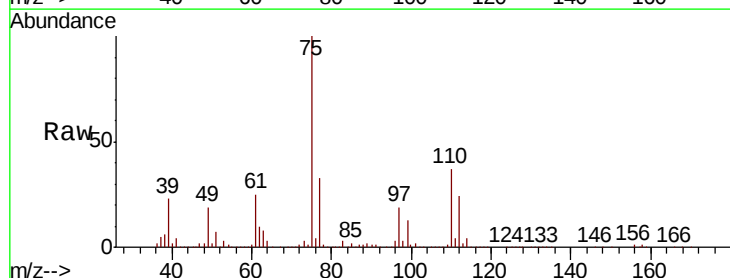
Acq: 04 Oct 2018 13:08

Tgt Ion: 75 Resp: 317126

Ion Ratio Lower Upper

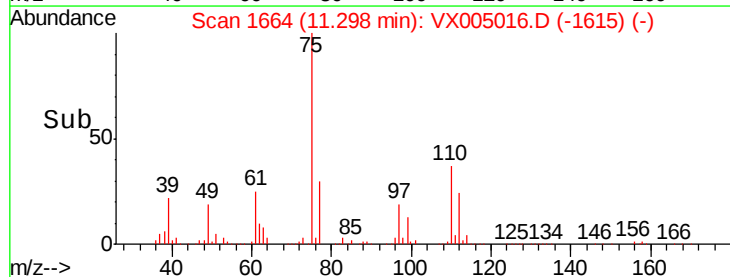
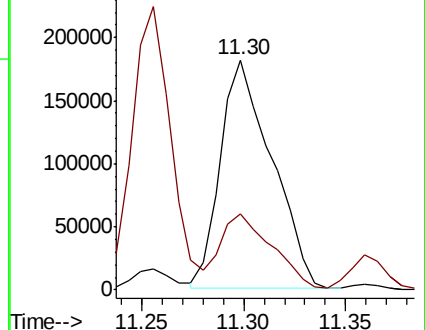
75 100

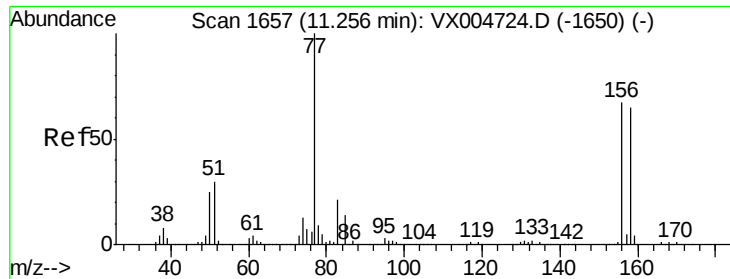
77 33.2 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.932 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

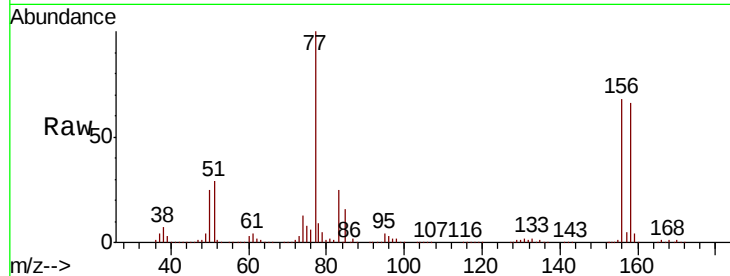
Tot Ion:156 Resp: 203838

Ion Ratio Lower Upper

156 100

77 146.4 73.4 220.2

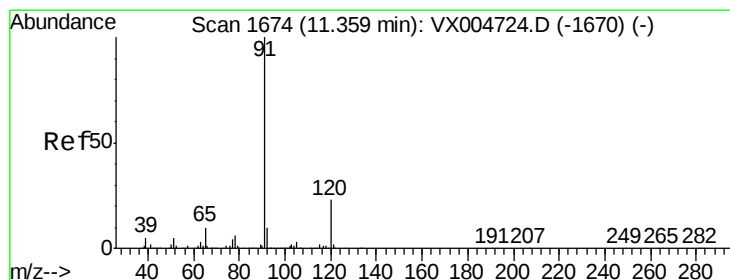
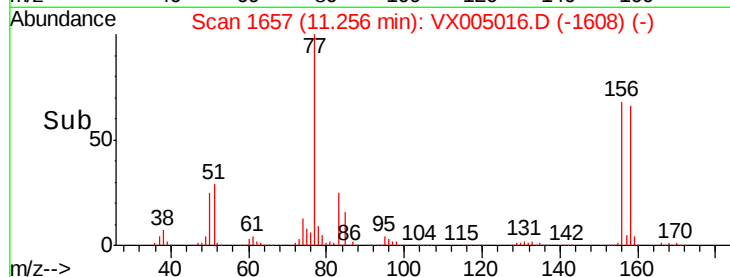
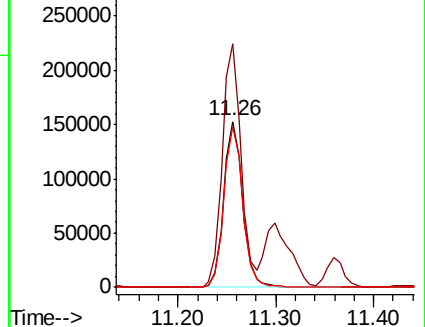
158 97.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.698 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005016.D

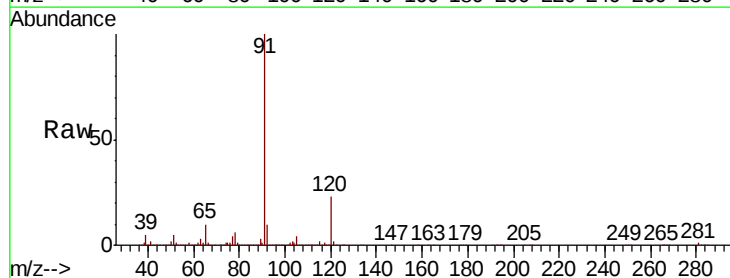
Acq: 04 Oct 2018 13:08

Tgt Ion: 91 Resp: 863611

Ion Ratio Lower Upper

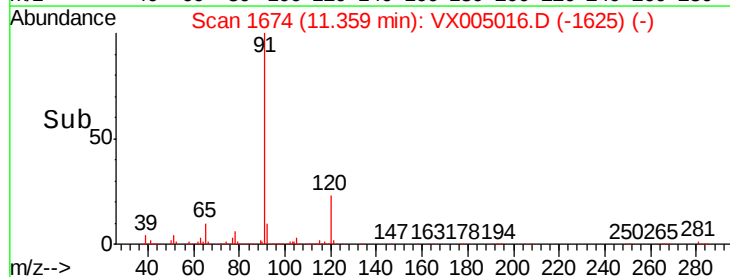
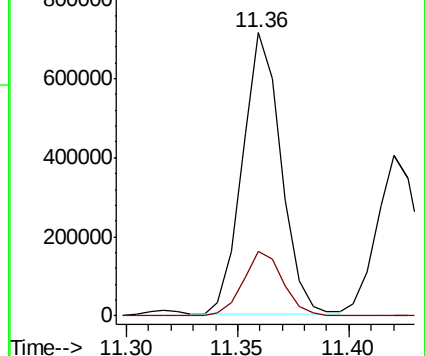
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.725 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

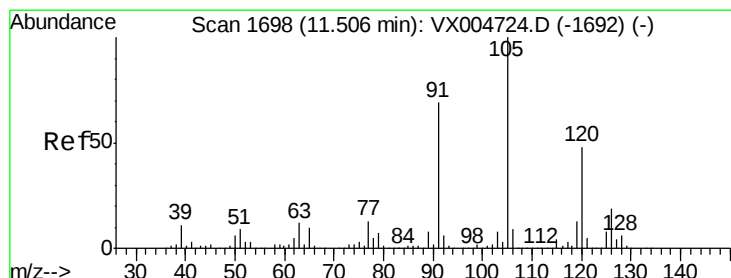
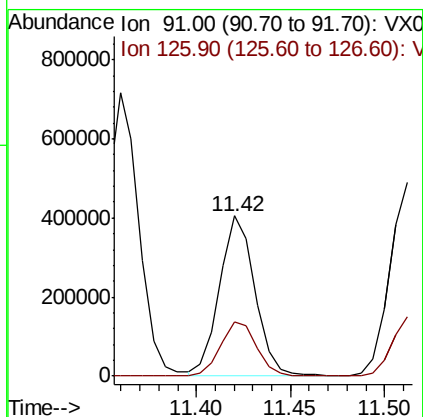
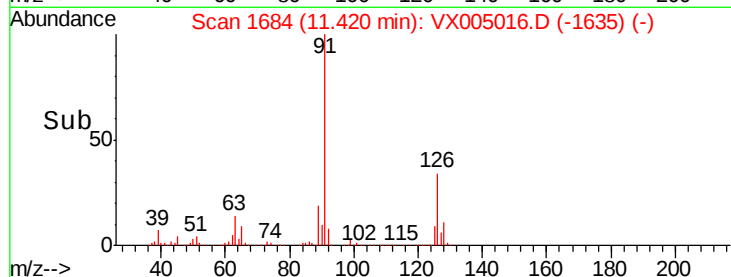
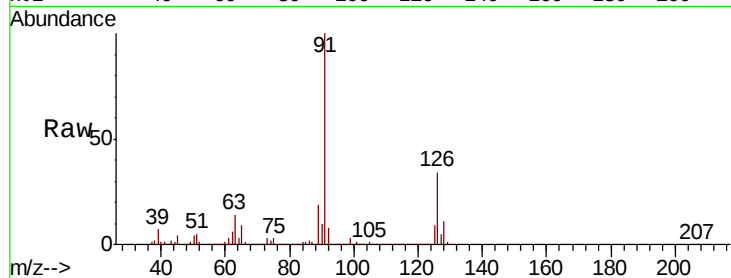
VSTDCCC050EC

Tot Ion: 91 Resp: 519233

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 52.052 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005016.D

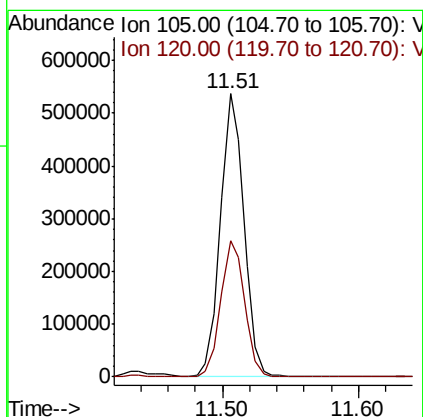
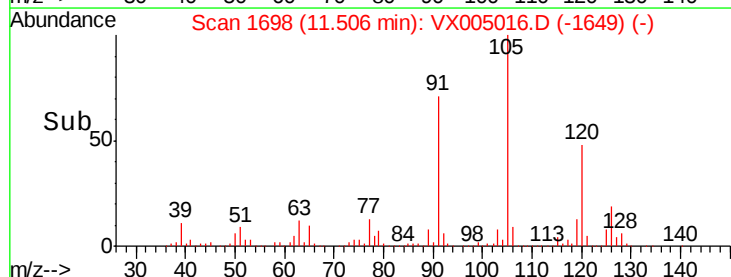
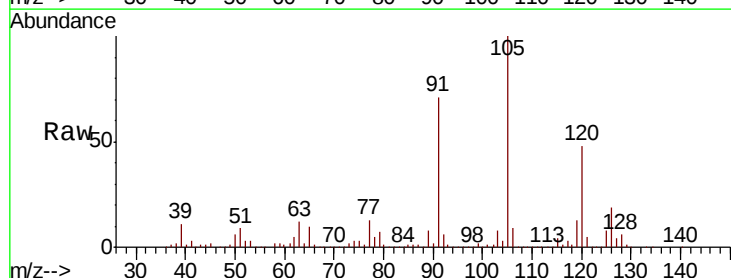
Acq: 04 Oct 2018 13:08

Tgt Ion: 105 Resp: 644597

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

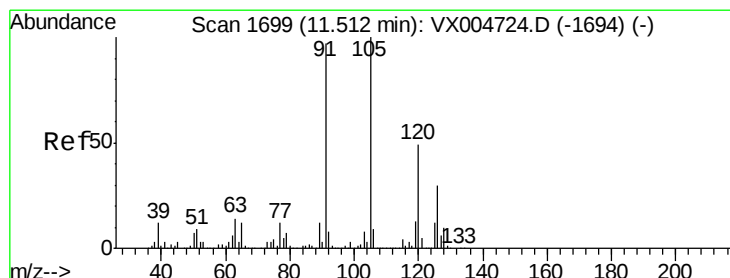
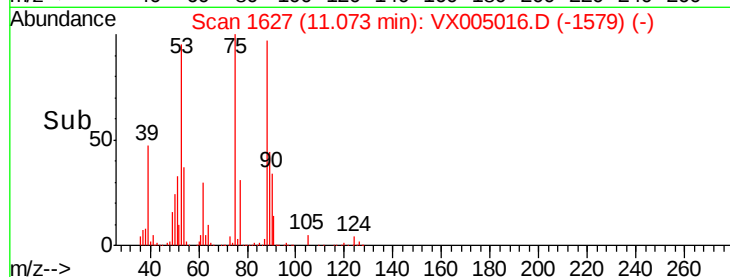
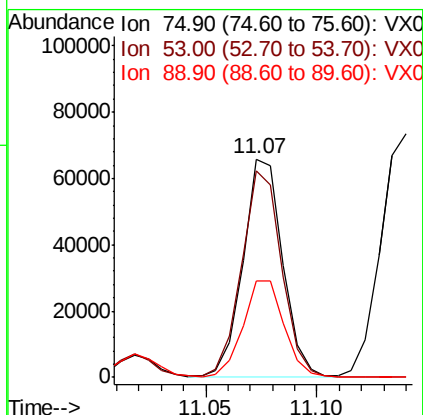
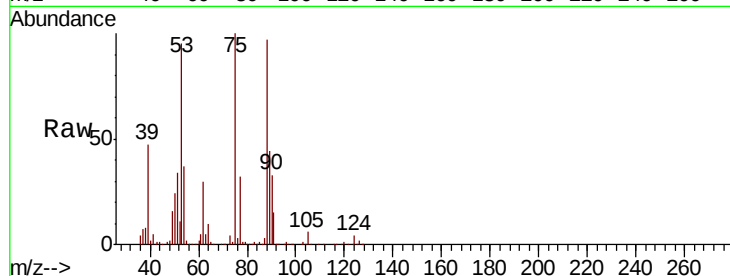




#81
trans-1,4-Dichloro-2-butene
Concen: 46.157 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

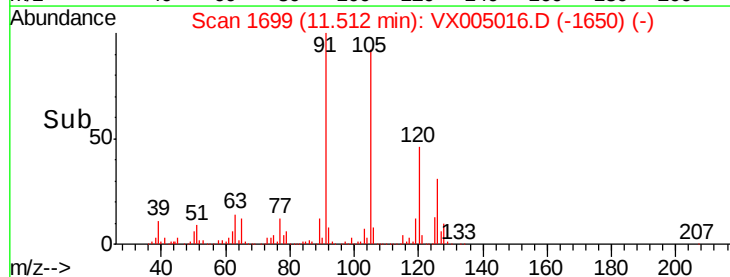
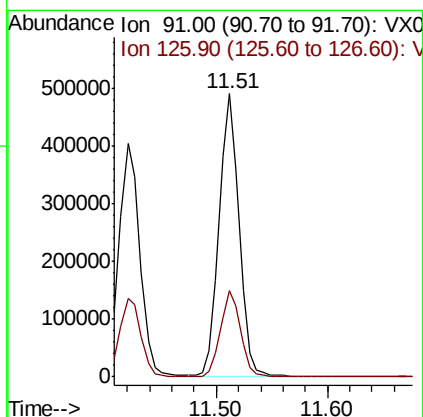
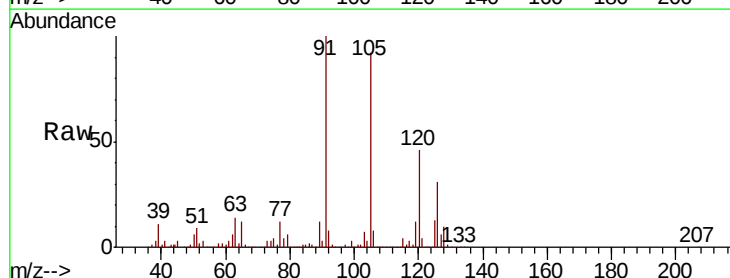
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

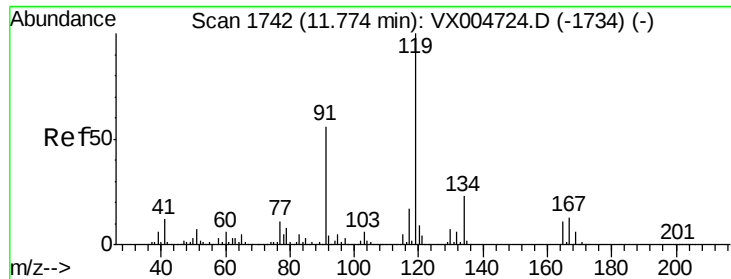
Tot Ion: 75 Resp: 81043
Ion Ratio Lower Upper
75 100
53 96.4 80.2 120.4
89 46.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 53.962 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 91 Resp: 613858
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5

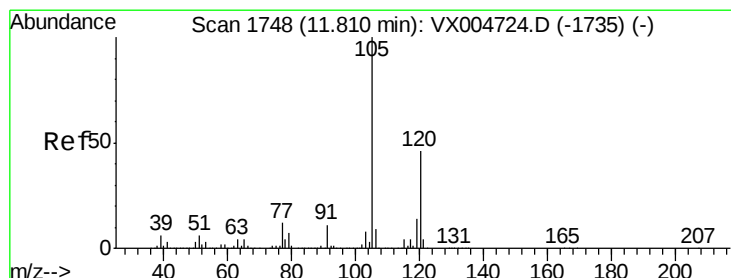
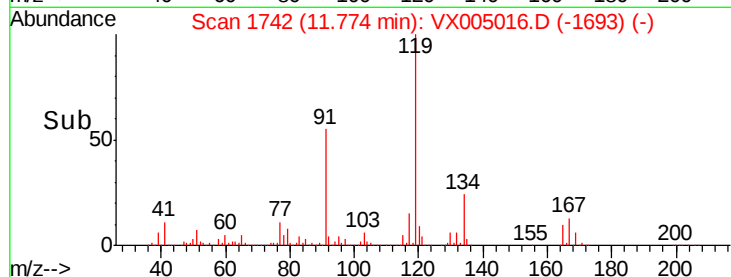
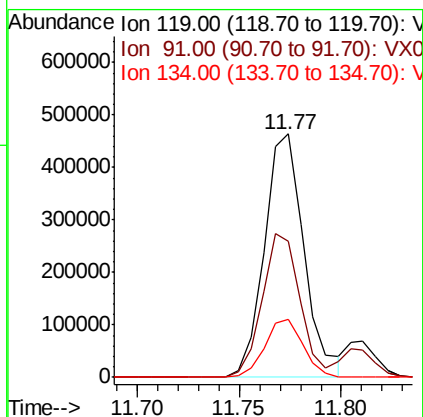
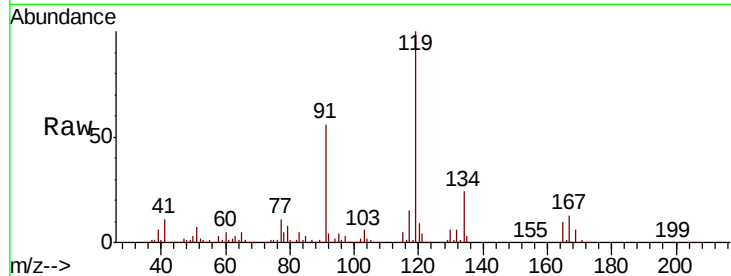




#83
 tert-Butylbenzene
 Concen: 56.629 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

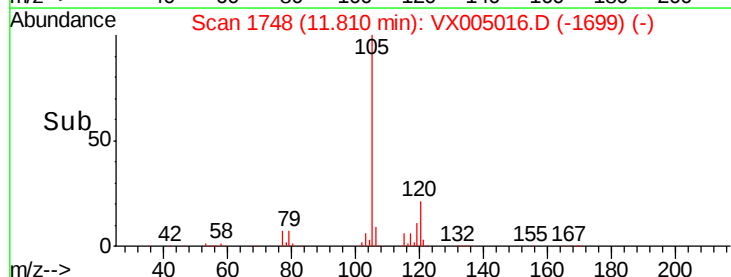
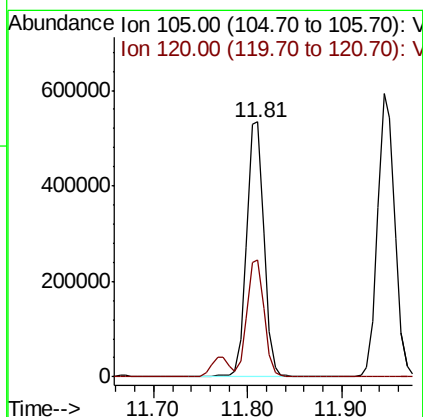
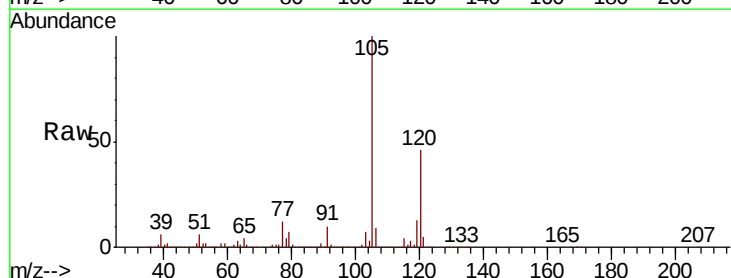
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.5	82.5
134	23.0	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.400 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.307 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

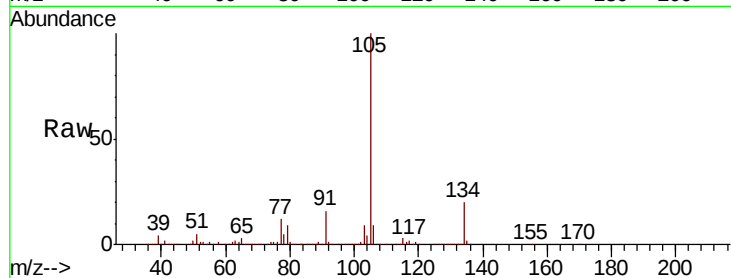
VSTDCCC050EC

Tot Ion:105 Resp: 749529

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

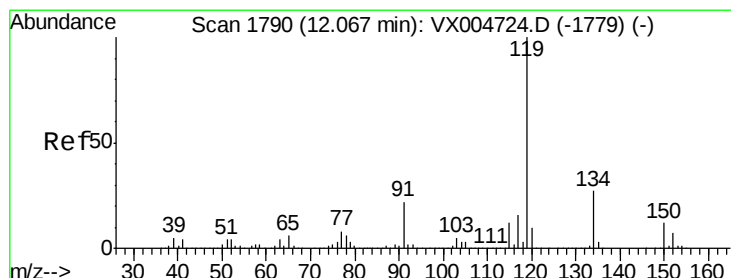
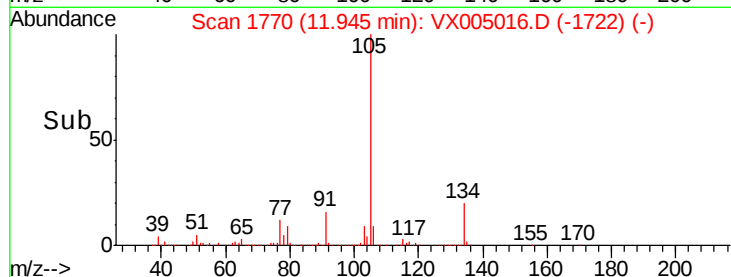
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.490 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

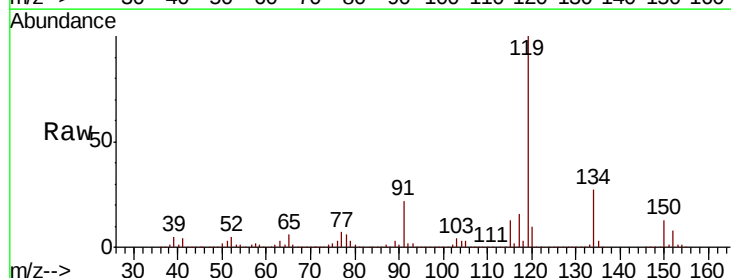
Tgt Ion:119 Resp: 681320

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

800000

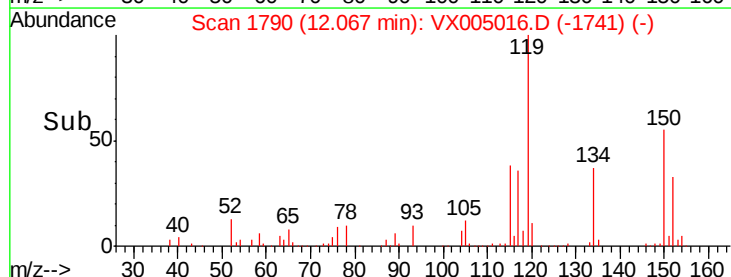
600000

400000

200000

0

Time-->

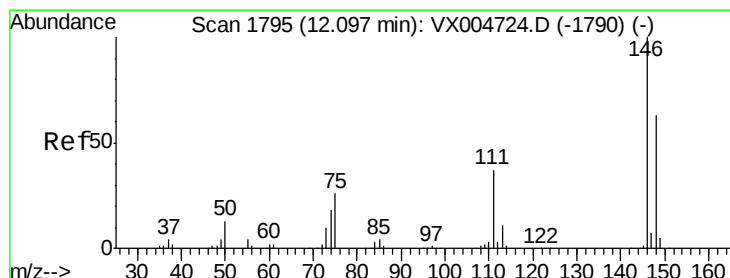
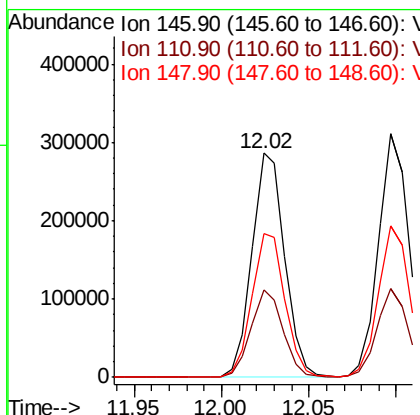
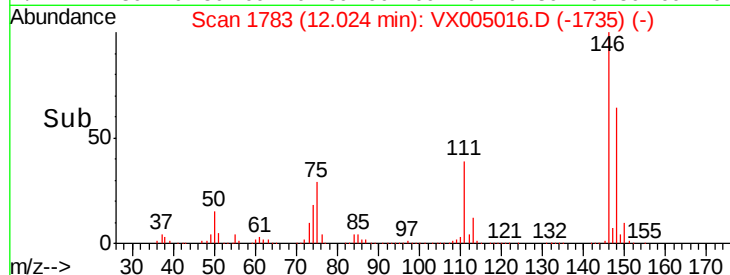
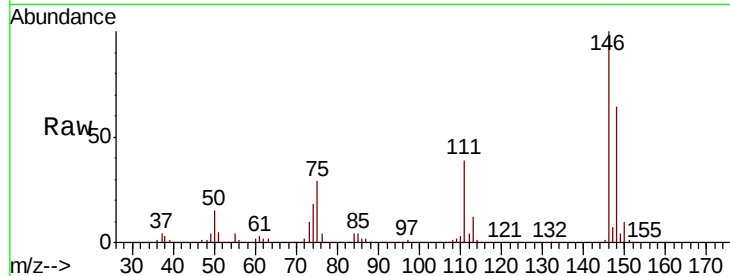




#87
 1,3-Dichlorobenzene
 Concen: 50.911 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

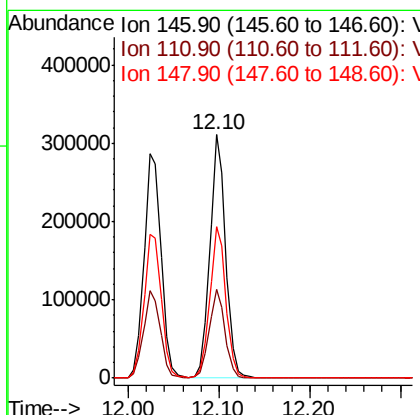
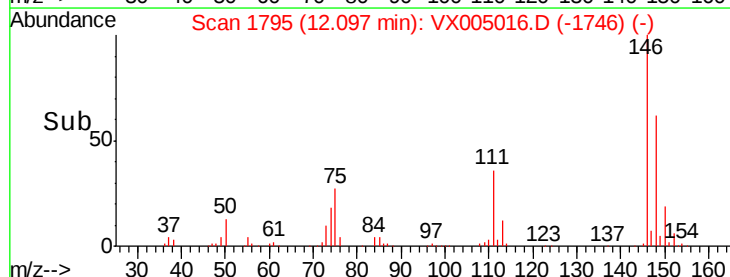
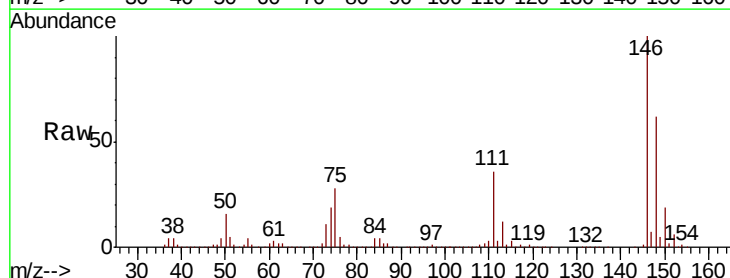
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

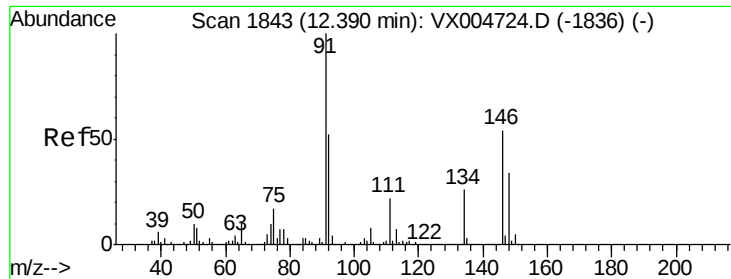
Tot Ion:146 Resp: 373142
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion:146 Resp: 380844
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 63.5 32.0 96.0

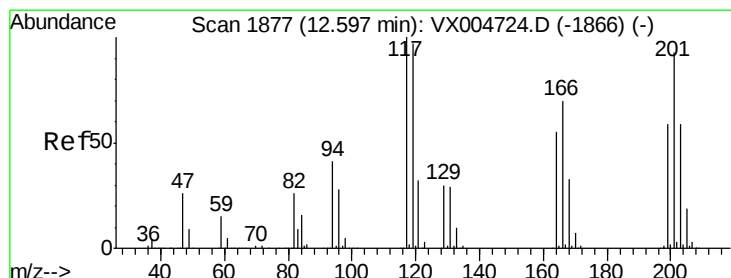
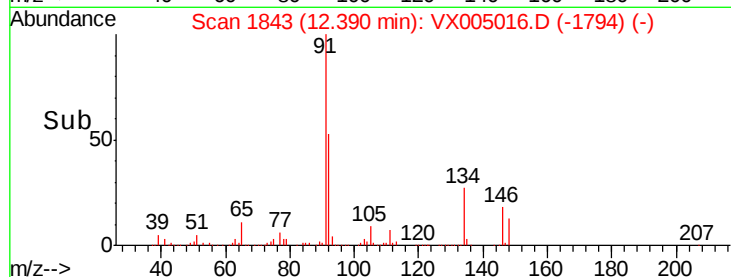
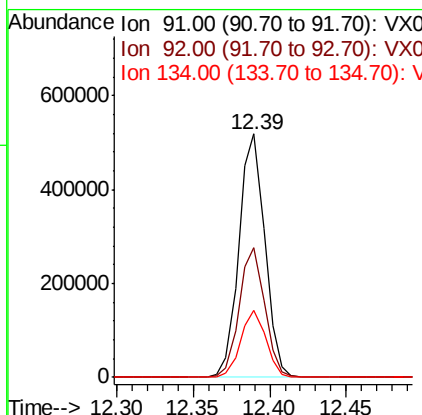
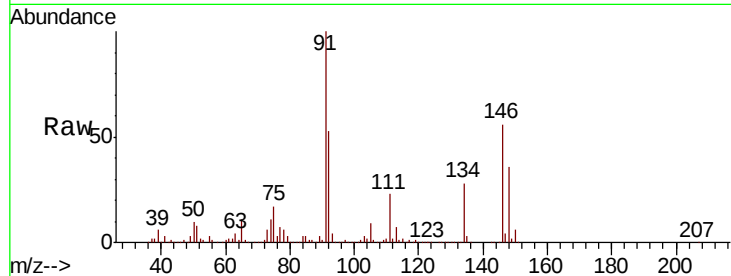




#89
n-Butylbenzene
Concen: 54.572 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

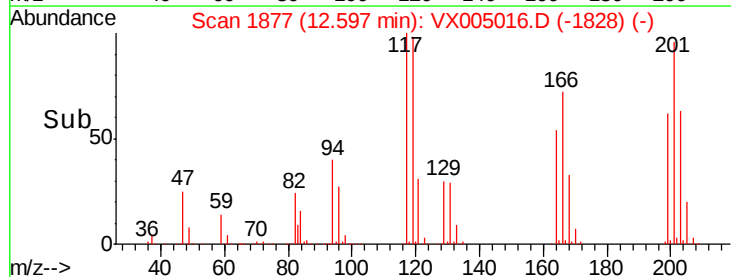
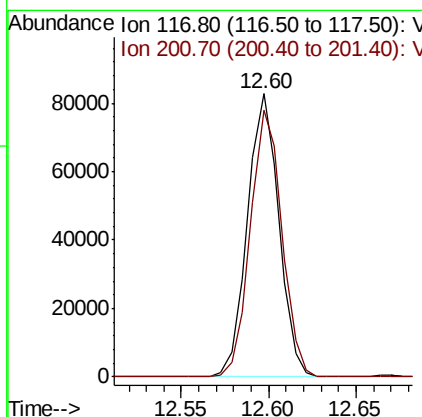
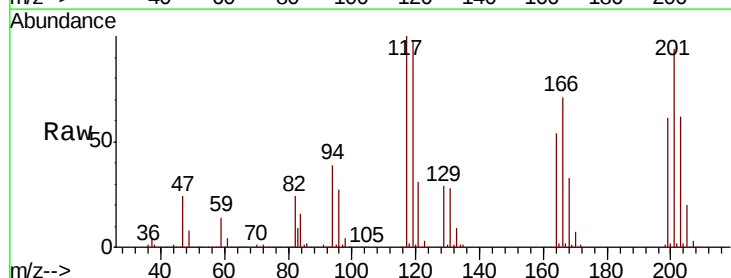
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

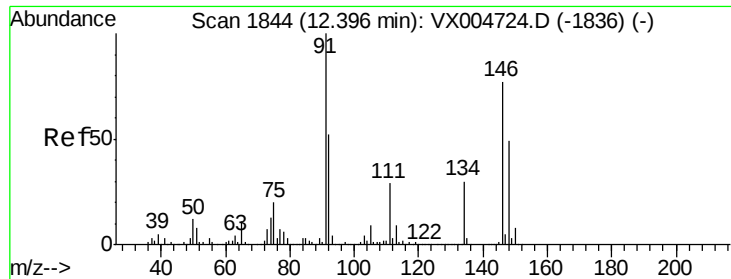
Tot Ion: 91 Resp: 608533
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 26.9 13.2 39.6



#90
Hexachloroethane
Concen: 50.518 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005016.D
Acq: 04 Oct 2018 13:08

Tgt Ion: 117 Resp: 103274
Ion Ratio Lower Upper
117 100
201 94.9 48.4 145.0

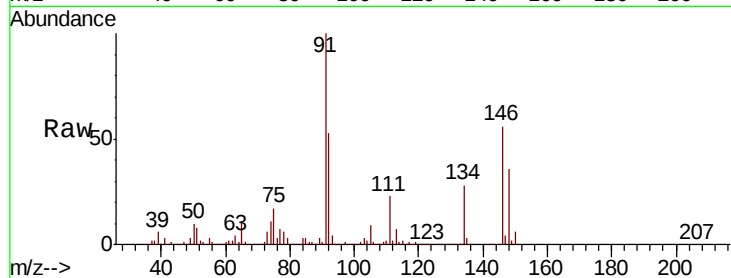




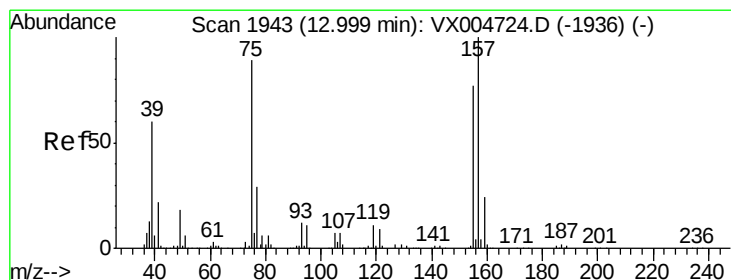
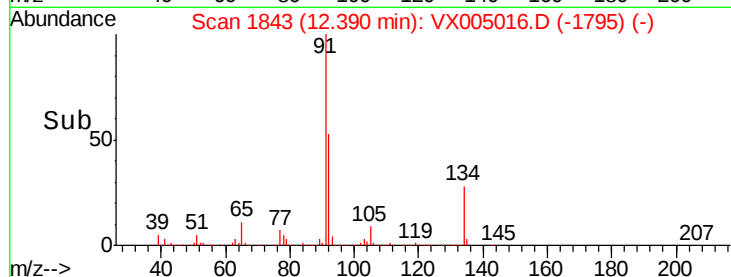
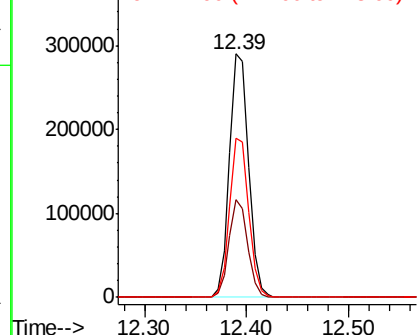
#91
 1,2-Dichlorobenzene
 Concen: 49.459 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 378832
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.7
 148 64.9 31.8 95.4

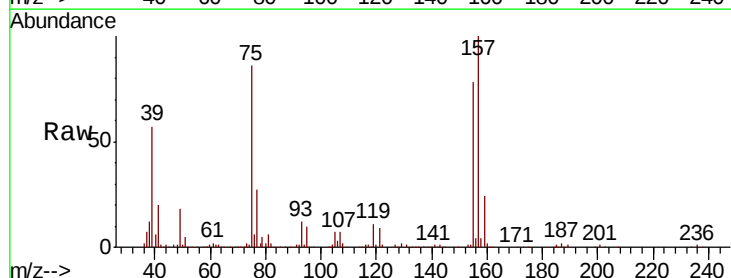


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

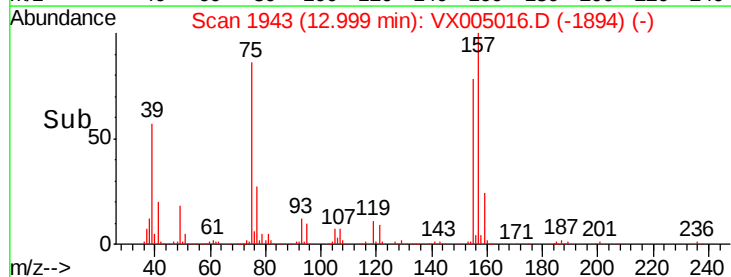
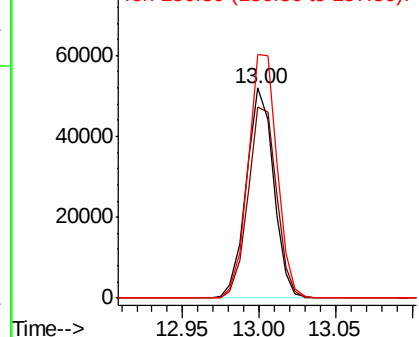


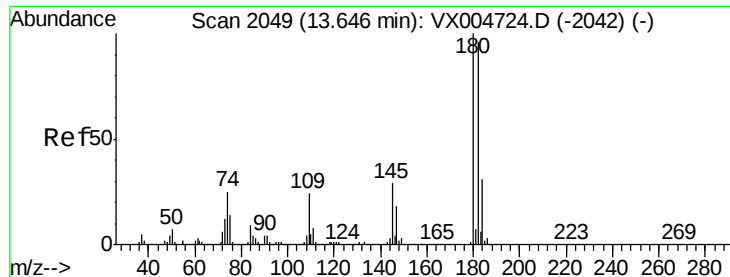
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.452 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion: 75 Resp: 64561
 Ion Ratio Lower Upper
 75 100
 155 94.4 46.1 138.3
 157 122.3 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

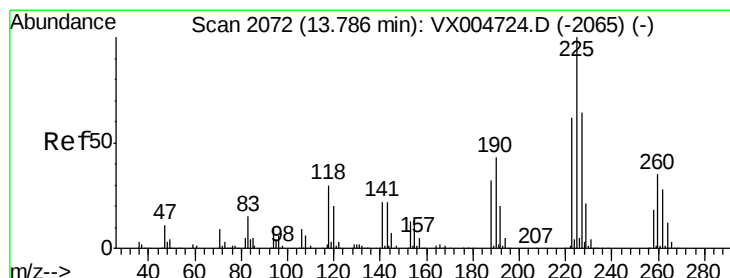
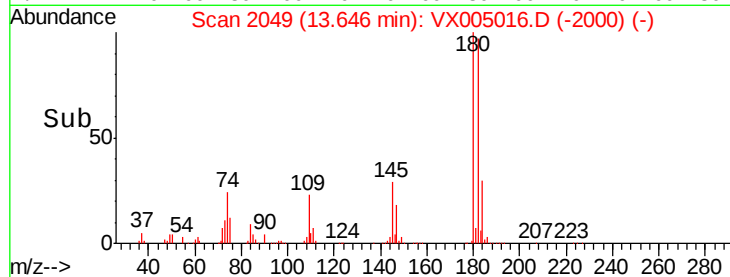
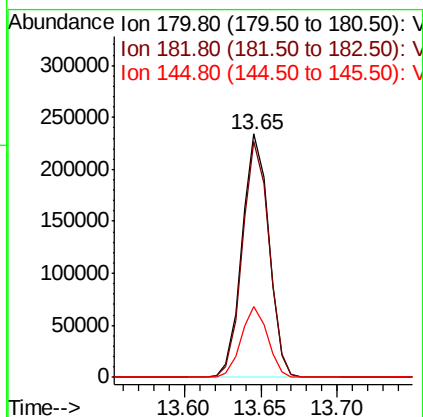
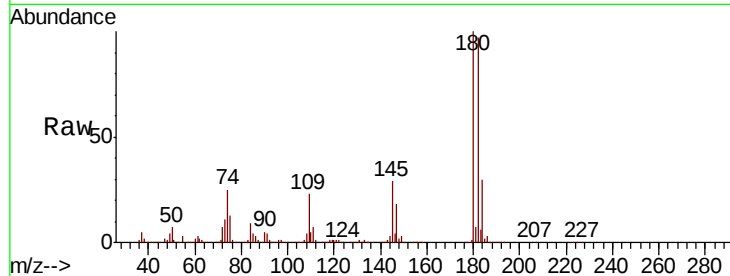




#93
 1,2,4-Trichlorobenzene
 Concen: 53.002 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

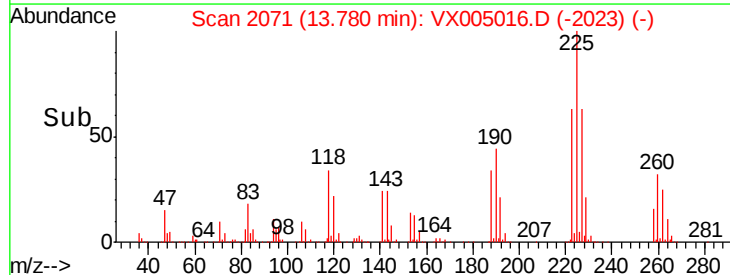
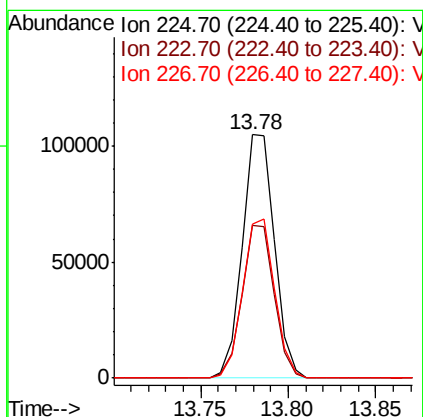
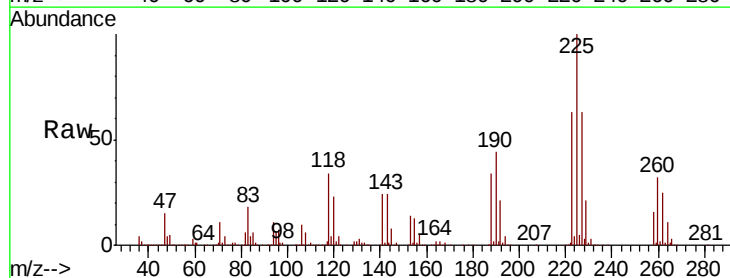
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

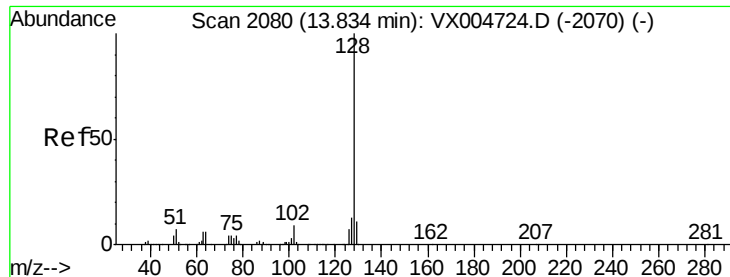
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.8	143.4
145	28.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 48.162 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005016.D
 Acq: 04 Oct 2018 13:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	64.8	31.9	95.5





#95

Naphthalene

Concen: 53.306 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

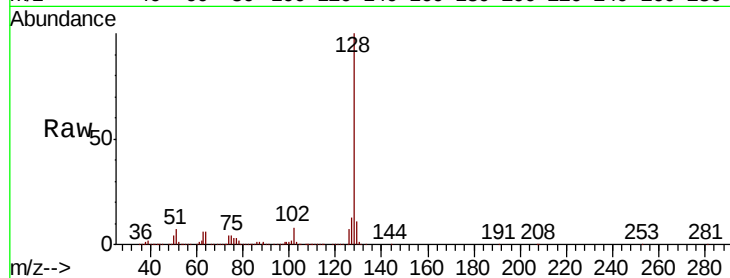
Tot Ion:128 Resp: 951482

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

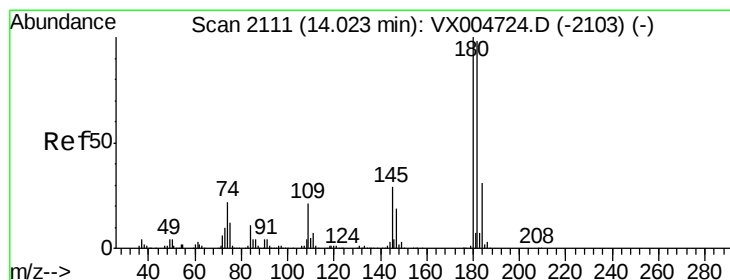
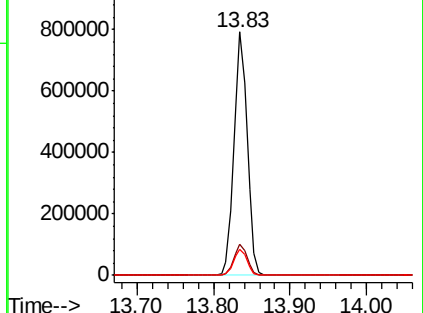
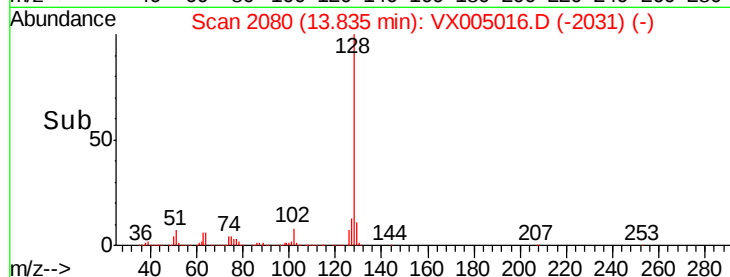
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.366 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005016.D

Acq: 04 Oct 2018 13:08

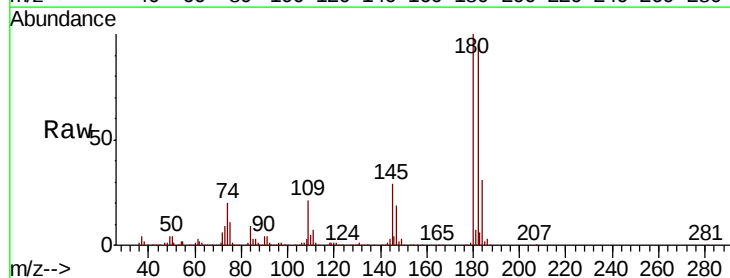
Tgt Ion:180 Resp: 290651

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 30.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

