

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\
 Data File : VX008595.D
 Acq On : 02 Apr 2019 16:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 04:07:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	324153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115079	38.54	ug/l	0.00
Spiked Amount			Recovery	=	77.08%	
35) Dibromofluoromethane	5.49	113	86035	40.70	ug/l	0.00
Spiked Amount			Recovery	=	81.40%	
50) Toluene-d8	8.71	98	343378	40.63	ug/l	0.00
Spiked Amount			Recovery	=	81.26%	
62) 4-Bromofluorobenzene	11.13	95	133166	42.52	ug/l	0.00
Spiked Amount			Recovery	=	85.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	95111	40.967	ug/l	100
3) Chloromethane	1.32	50	128823	43.891	ug/l	100
4) Vinyl Chloride	1.40	62	132497	40.874	ug/l	99
5) Bromomethane	1.64	94	66556	39.513	ug/l	99
6) Chloroethane	1.71	64	84612	44.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	157666	42.946	ug/l	99
8) Diethyl Ether	2.18	74	74156	42.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101735	45.853	ug/l	98
10) Methyl Iodide	2.50	142	84280	39.945	ug/l	99
11) Tert butyl alcohol	3.06	59	162501	245.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98067	42.798	ug/l	98
13) Acrolein	2.29	56	131908	274.568	ug/l	100
14) Allyl chloride	2.72	41	241977	47.934	ug/l	98
15) Acrylonitrile	3.14	53	414323	238.841	ug/l	100
16) Acetone	2.44	43	431651	276.589	ug/l	99
17) Carbon Disulfide	2.56	76	287356	43.660	ug/l	100
18) Methyl Acetate	2.77	43	186092	49.649	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	402173	48.705	ug/l	99
20) Methylene Chloride	2.85	84	125563	49.288	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	110496	48.386	ug/l	100
22) Diisopropyl ether	3.85	45	476450	47.932	ug/l	93
23) Vinyl Acetate	3.81	43	2112396	243.583	ug/l	100
24) 1,1-Dichloroethane	3.69	63	236599	47.147	ug/l	100
25) 2-Butanone	4.67	43	643283	257.112	ug/l	100
26) 2,2-Dichloropropane	4.58	77	174712	52.344	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	132682	47.353	ug/l	100
28) Bromochloromethane	5.01	49	113277	45.690	ug/l	99
29) Tetrahydrofuran	5.12	42	389808	236.395	ug/l	99
30) Chloroform	5.20	83	216752	47.860	ug/l	100
31) Cyclohexane	5.57	56	226266	47.275	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	175363	48.442	ug/l	100
36) 1,1-Dichloropropene	5.79	75	165921	48.007	ug/l	99
37) Ethyl Acetate	4.83	43	228344	50.999	ug/l	100
38) Carbon Tetrachloride	5.78	117	147434	51.116	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212253	51.388	ug/l	98
40) Benzene	6.13	78	506306	48.933	ug/l	100
41) Methacrylonitrile	5.04	41	130547	51.883	ug/l	99
42) 1,2-Dichloroethane	6.19	62	182796	48.252	ug/l	100
43) Isopropyl Acetate	6.44	43	363852	50.805	ug/l	100
44) Trichloroethene	7.21	130	119144	49.042	ug/l	98
45) 1,2-Dichloropropane	7.51	63	147519	50.159	ug/l	99
46) Dibromomethane	7.66	93	83118	48.398	ug/l	99
47) Bromodichloromethane	7.90	83	170417	51.842	ug/l	99
48) Methyl methacrylate	7.77	41	185178	51.676	ug/l	98
49) 1,4-Dioxane	7.74	88	62971	883.797	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1217498	261.739	ug/l	100
52) Toluene	8.78	92	307835	49.757	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	196592	54.601	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	216081	52.777	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126815	50.355	ug/l	99
56) Ethyl methacrylate	9.18	69	236954	52.124	ug/l	99
57) 1,3-Dichloropropane	9.37	76	222646	49.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	698838	297.392	ug/l	100
59) 2-Hexanone	9.49	43	957855	265.754	ug/l	99
60) Dibromochloromethane	9.58	129	126058	52.632	ug/l	99
61) 1,2-Dibromoethane	9.67	107	129007	50.195	ug/l	100
64) Tetrachloroethene	9.34	164	100758	51.107	ug/l	98
65) Chlorobenzene	10.13	112	320869	50.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113926	52.141	ug/l	100
67) Ethyl Benzene	10.25	91	604469	50.574	ug/l	99
68) m/p-Xylenes	10.36	106	441635	101.568	ug/l	99
69) o-Xylene	10.69	106	214157	50.753	ug/l	100
70) Styrene	10.71	104	383071	52.557	ug/l	99
71) Bromoform	10.85	173	94544	54.792	ug/l	100
73) Isopropylbenzene	11.02	105	578740	49.020	ug/l	100
74) N-amyl acetate	10.90	43	342330	50.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	215778	47.105	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	254862	59.074	ug/l	81
77) Bromobenzene	11.25	156	137011	47.816	ug/l	99
78) n-propylbenzene	11.36	91	695873	50.315	ug/l	100
79) 2-Chlorotoluene	11.42	91	403766	47.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492761	49.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	73481	54.551	ug/l	100
82) 4-Chlorotoluene	11.51	91	469891	48.426	ug/l	99
83) tert-Butylbenzene	11.77	119	475390	49.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	494852	49.017	ug/l	98
85) sec-Butylbenzene	11.94	105	578568	50.451	ug/l	100
86) p-Isopropyltoluene	12.06	119	521797	51.565	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255343	49.876	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251798	48.734	ug/l	99
89) n-Butylbenzene	12.38	91	506178	52.805	ug/l	100
90) Hexachloroethane	12.59	117	88649	52.586	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	251491	49.054	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47798	47.855	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
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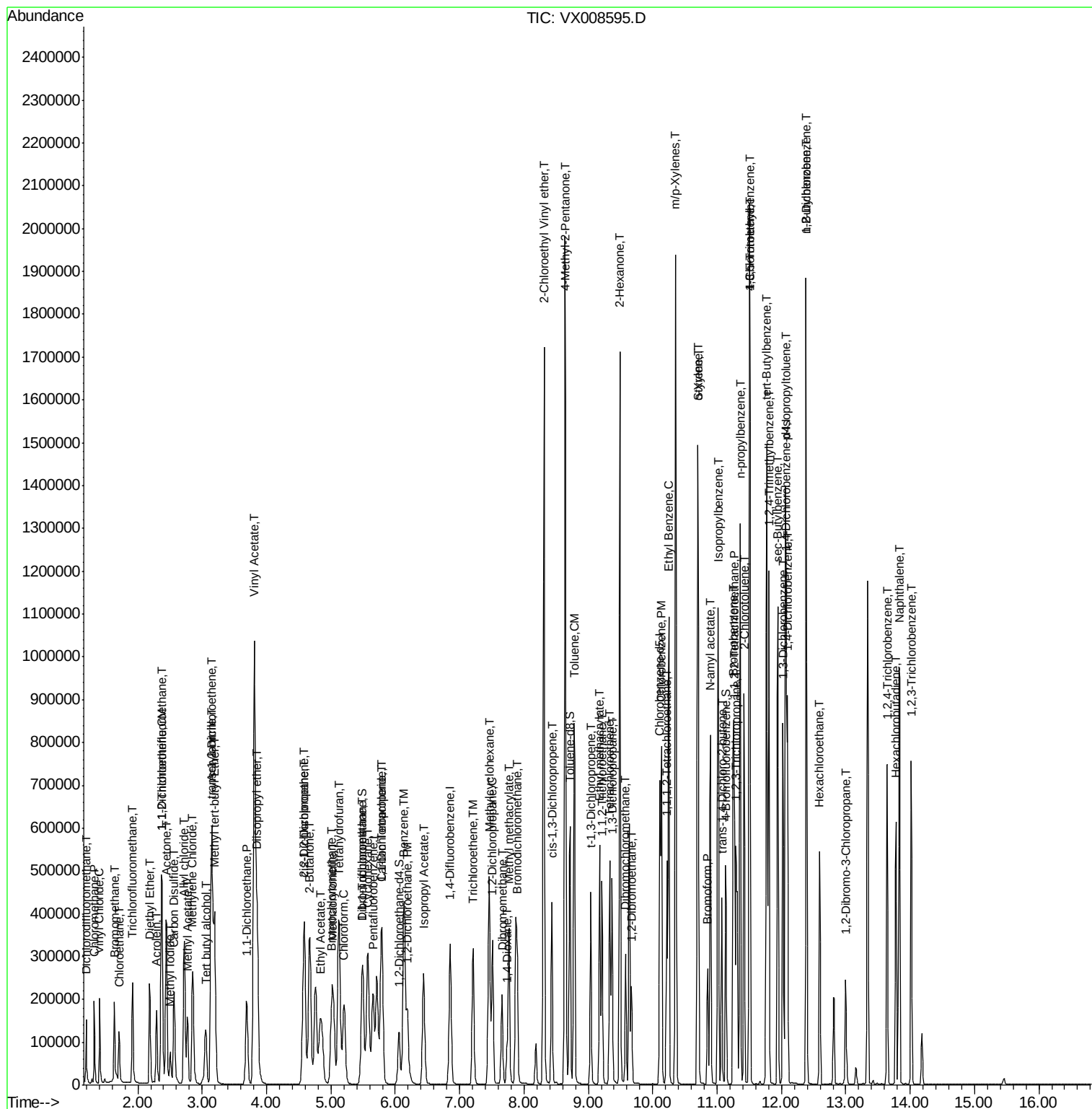
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181197	52.495	ug/l	99
94) Hexachlorobutadiene	13.78	225	89132	54.383	ug/l	99
95) Naphthalene	13.83	128	588162	49.701	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	179026	51.615	ug/l	99

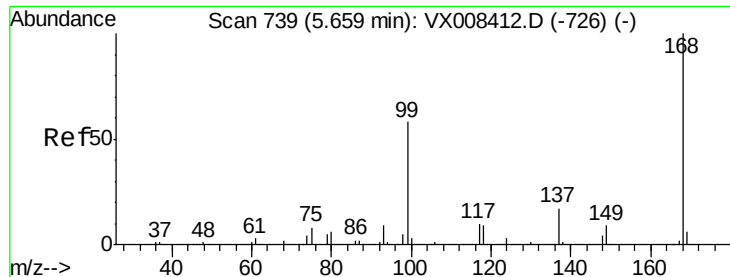
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

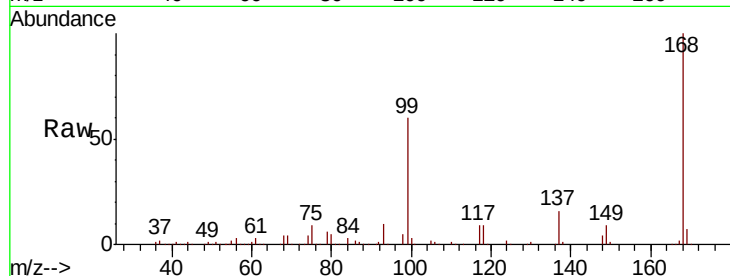
VSTDCCC050

Tot Ion:168 Resp: 196959

Ion Ratio Lower Upper

168 100

99 59.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

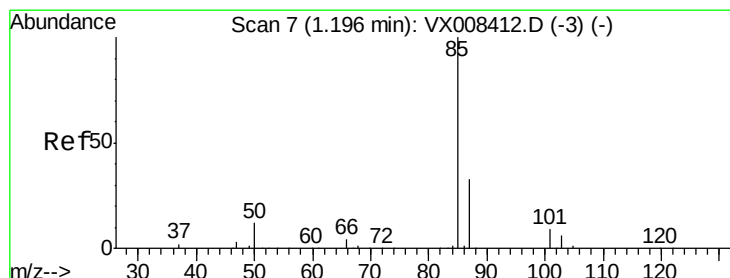
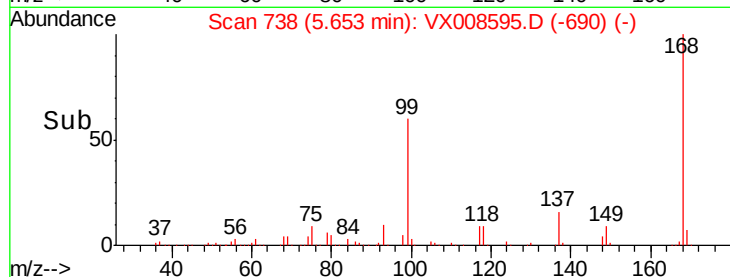
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 40.967 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008595.D

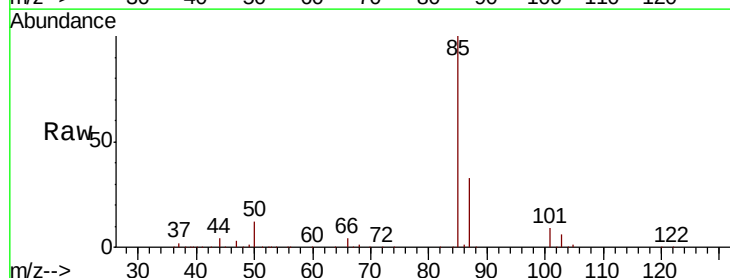
Acq: 02 Apr 2019 16:06

Tgt Ion: 85 Resp: 95111

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

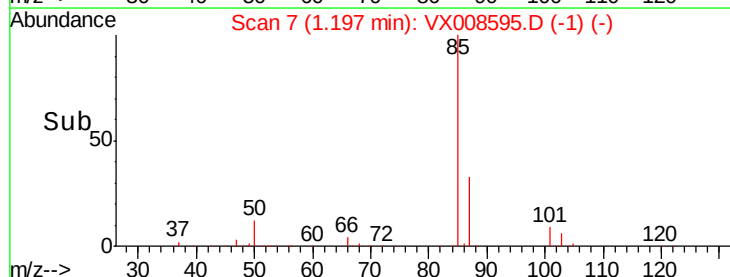
Time-->

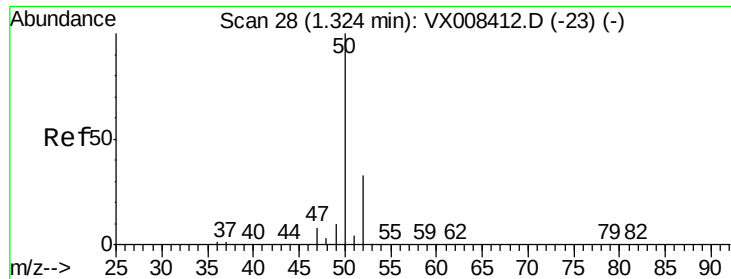
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 43.891 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

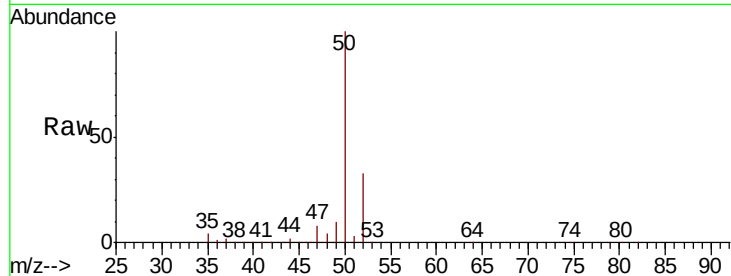
VSTDCCC050

Tot Ion: 50 Resp: 128823

Ion Ratio Lower Upper

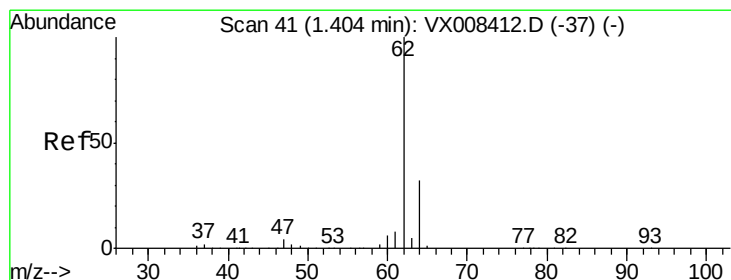
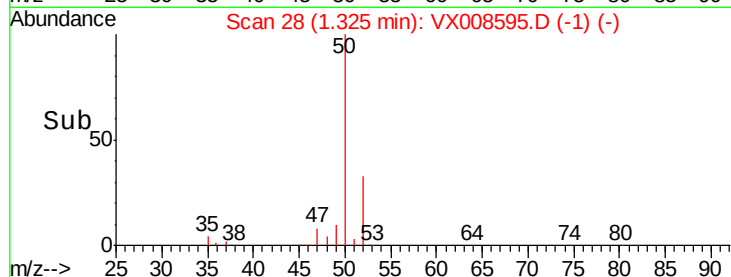
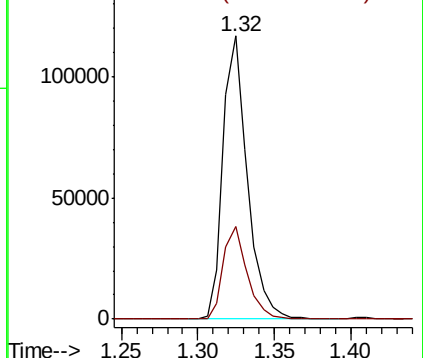
50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 40.874 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008595.D

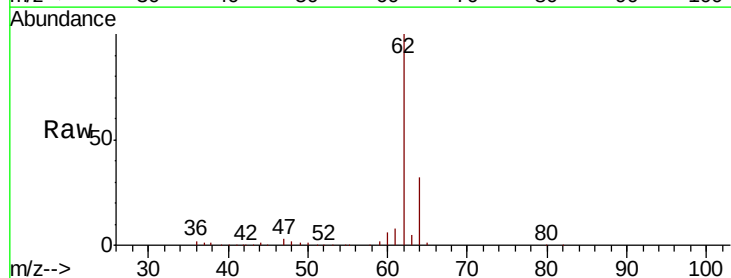
Acq: 02 Apr 2019 16:06

Tgt Ion: 62 Resp: 132497

Ion Ratio Lower Upper

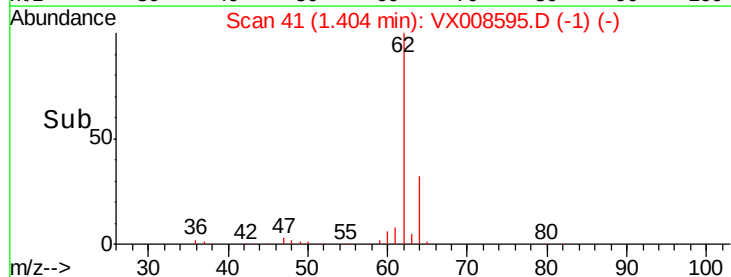
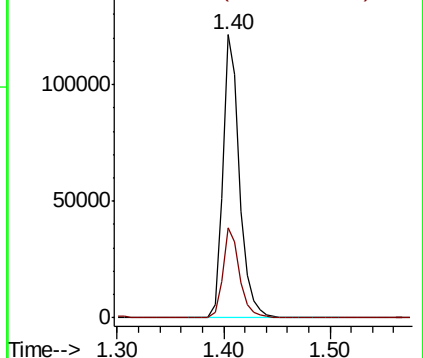
62 100

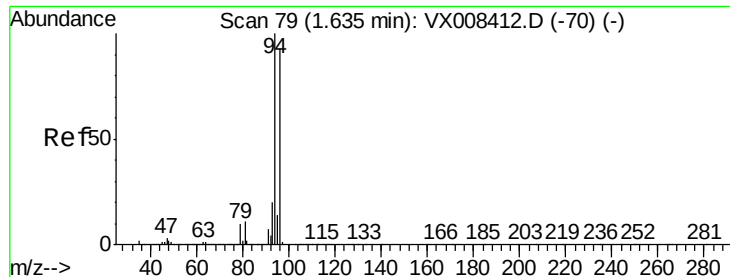
64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.513 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

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ClientSampleId :

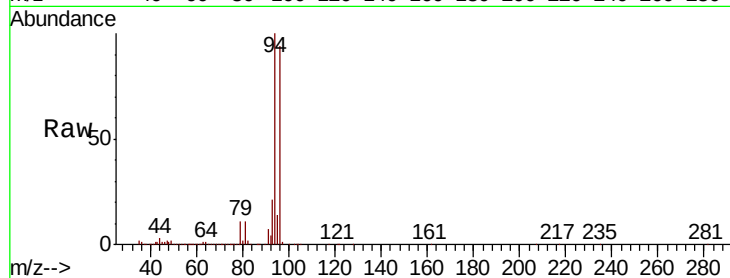
VSTDCCC050

Tot Ion: 94 Resp: 66556

Ion Ratio Lower Upper

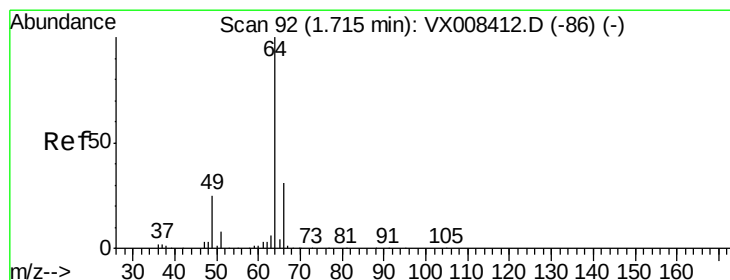
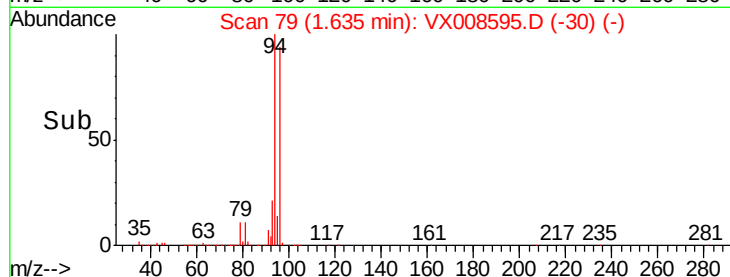
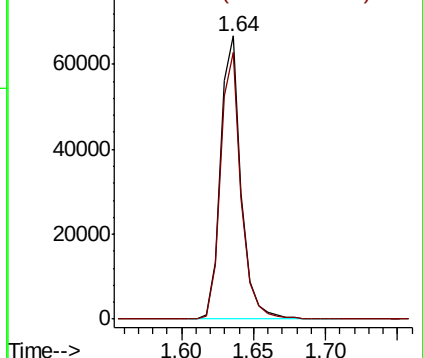
94 100

96 94.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.062 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008595.D

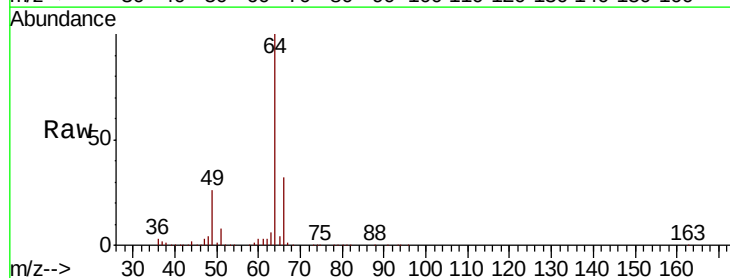
Acq: 02 Apr 2019 16:06

Tgt Ion: 64 Resp: 84612

Ion Ratio Lower Upper

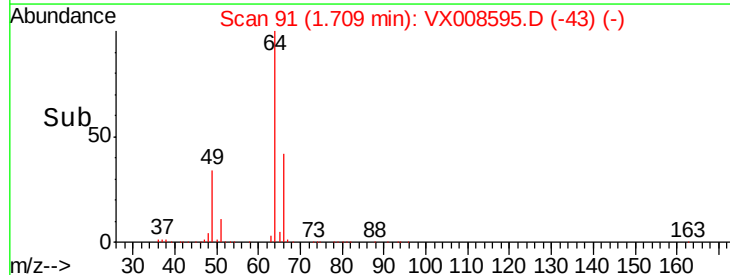
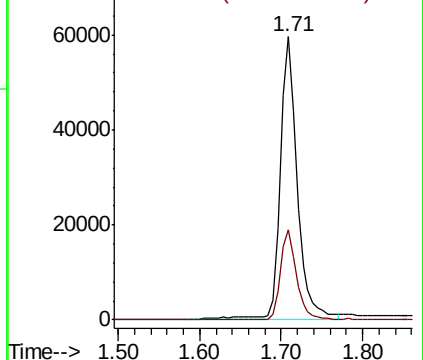
64 100

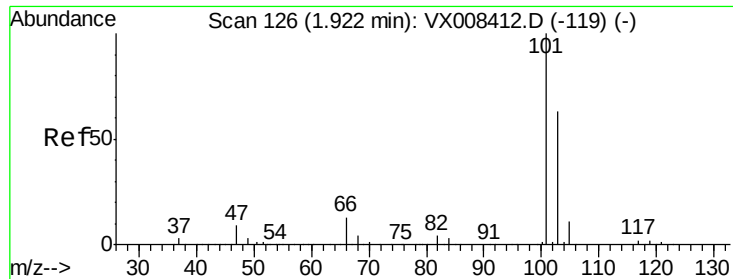
66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



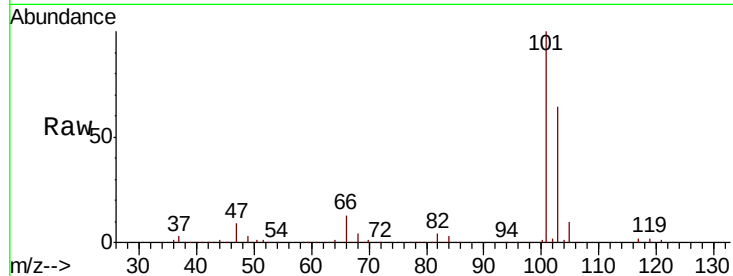


#7

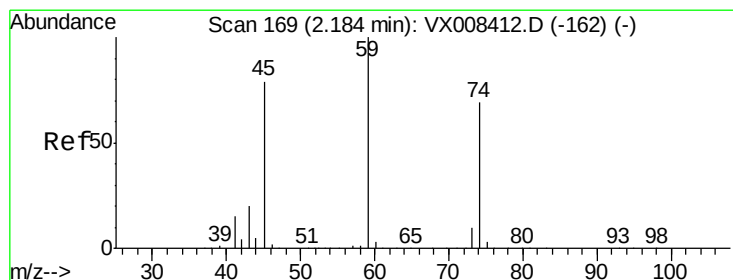
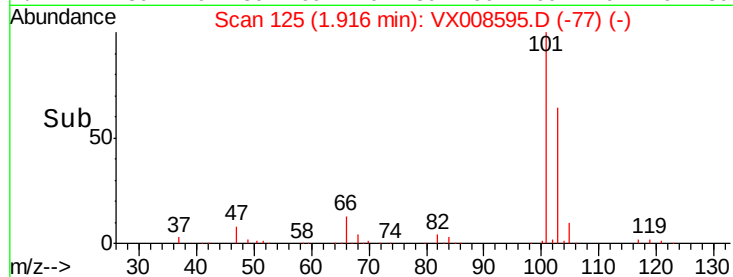
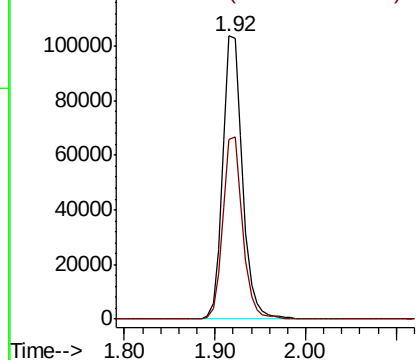
Trichlorofluoromethane
Concen: 42.946 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

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Tot Ion:101 Resp: 157666
Ion Ratio Lower Upper
101 100
103 63.7 50.2 75.4



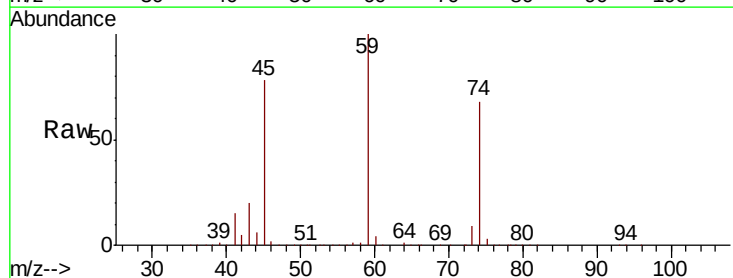
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



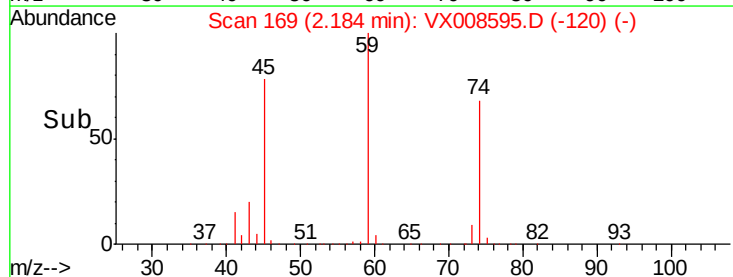
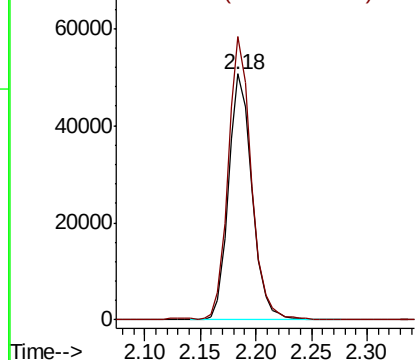
#8

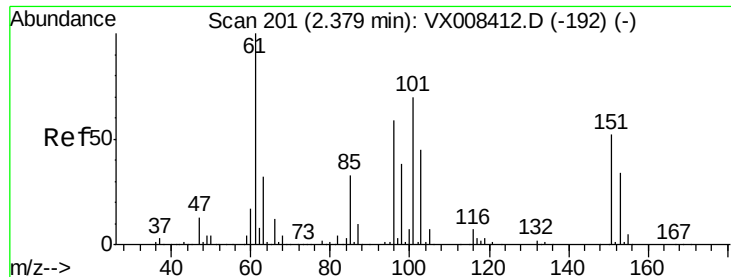
Diethyl Ether
Concen: 42.681 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008595.D
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Tgt Ion: 74 Resp: 74156
Ion Ratio Lower Upper
74 100
45 112.1 56.4 169.2



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

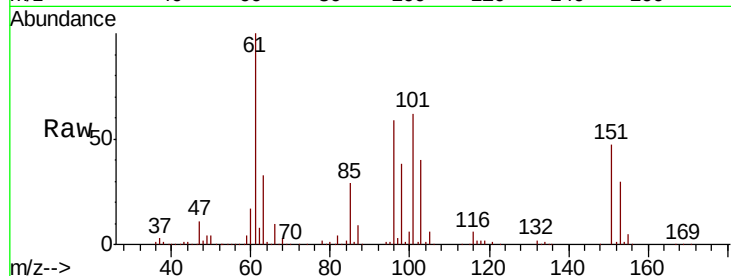




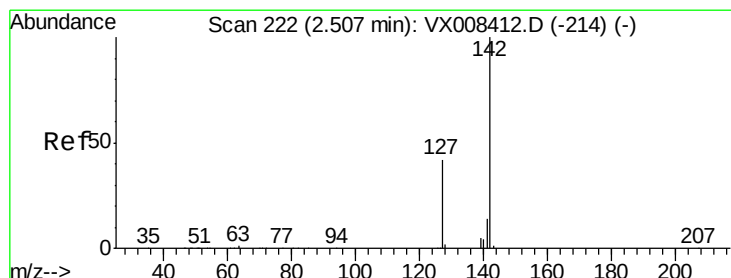
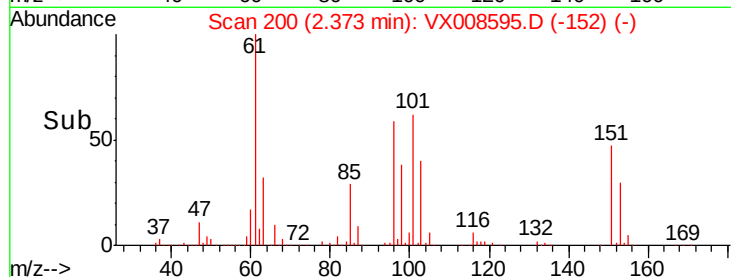
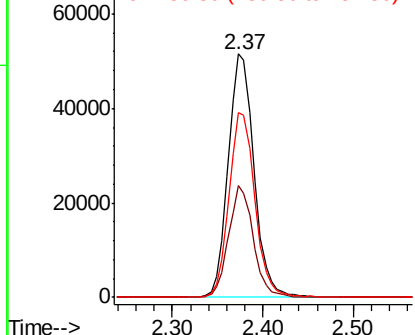
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.853 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 101735
Ion Ratio Lower Upper
101 100
85 43.8 36.0 54.0
151 76.2 59.2 88.8

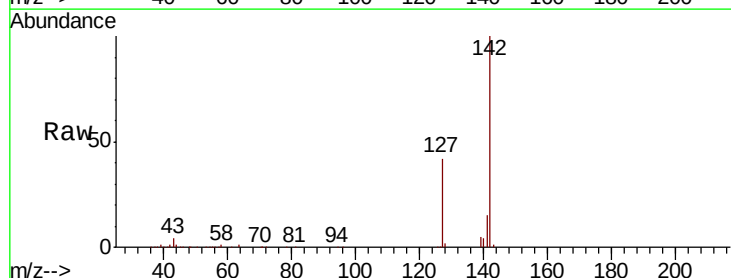


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

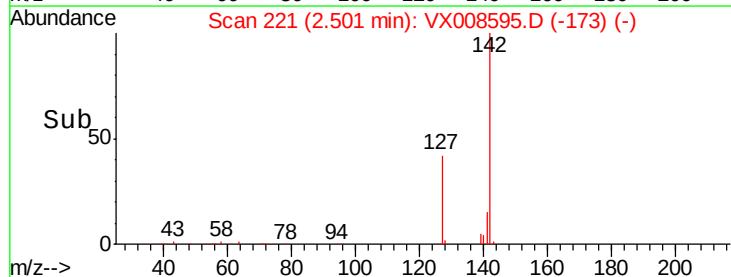
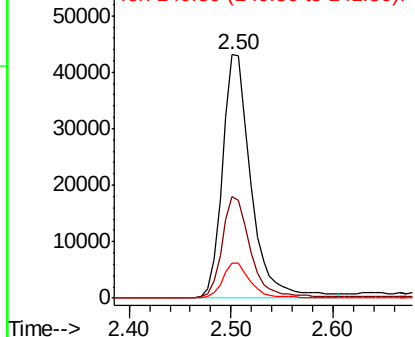


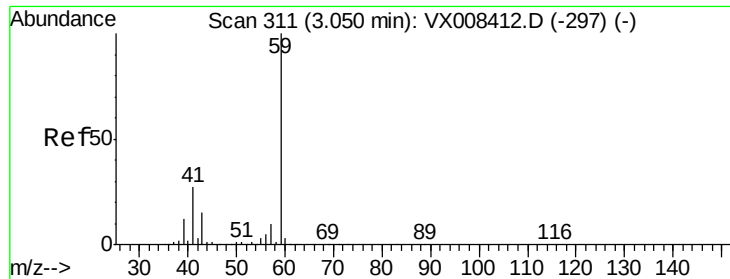
#10
Methyl Iodide
Concen: 39.945 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:142 Resp: 84280
Ion Ratio Lower Upper
142 100
127 41.0 33.6 50.4
141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



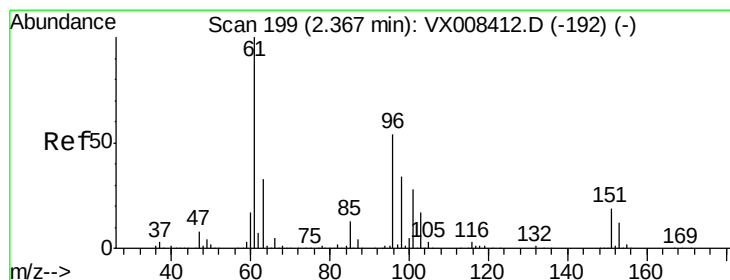
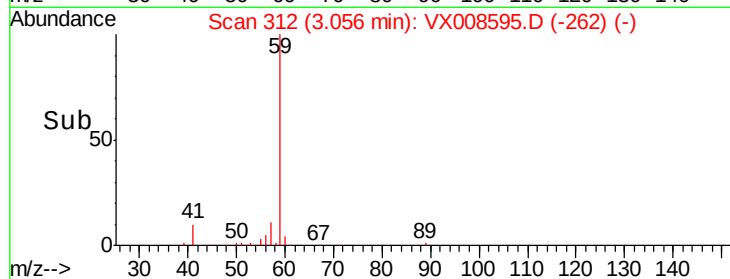
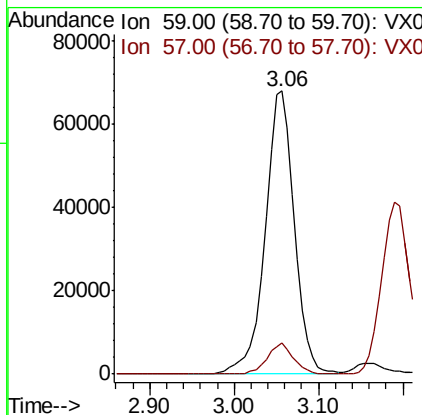
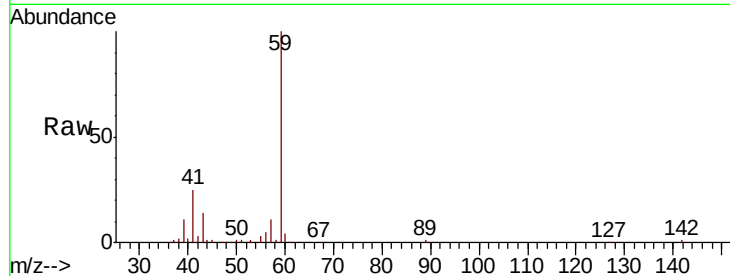


#11

Tert butyl alcohol
Concen: 245.633 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

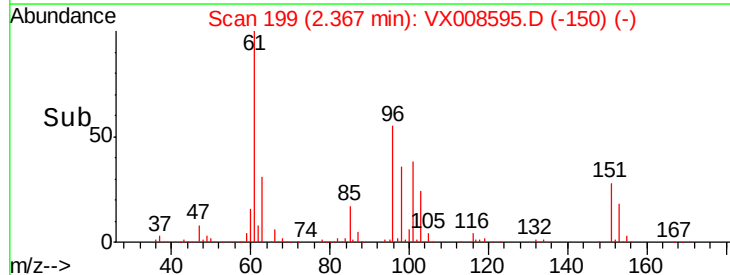
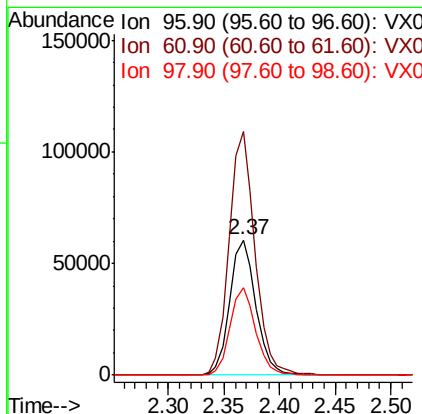
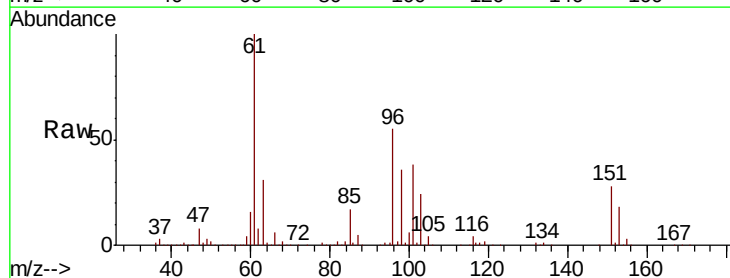
Tot Ion: 59 Resp: 162501
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

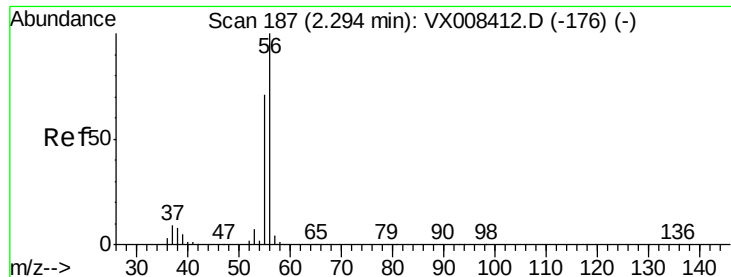


#12

1,1-Dichloroethene
Concen: 42.798 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 96 Resp: 98067
Ion Ratio Lower Upper
96 100
61 180.4 146.9 220.3
98 64.5 50.1 75.1





#13

Acrolein

Concen: 274.568 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

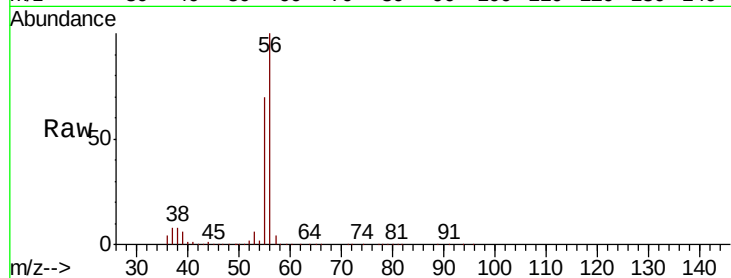
VSTDCCC050

Tot Ion: 56 Resp: 131908

Ion Ratio Lower Upper

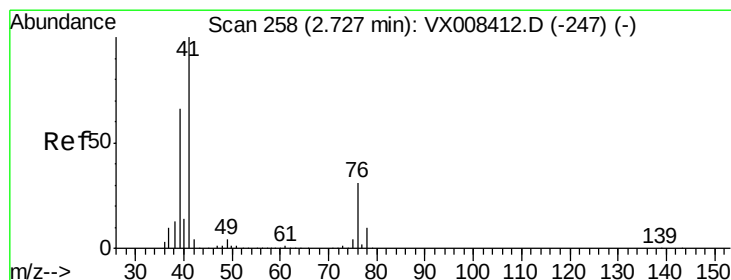
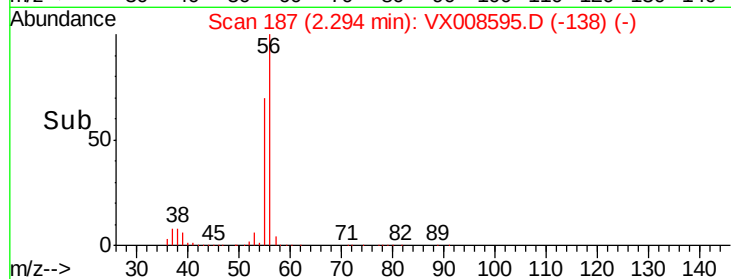
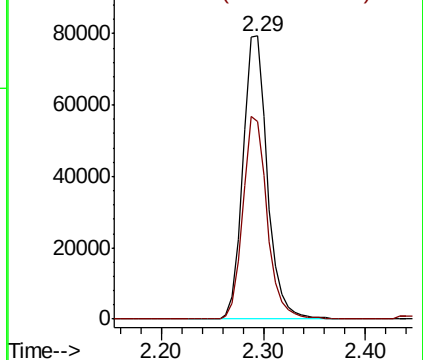
56 100

55 70.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.934 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

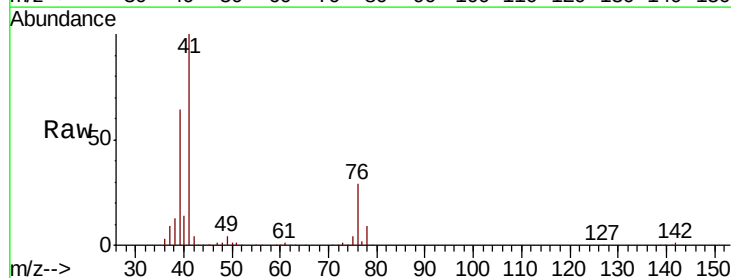
Tgt Ion: 41 Resp: 241977

Ion Ratio Lower Upper

41 100

39 60.1 49.6 74.4

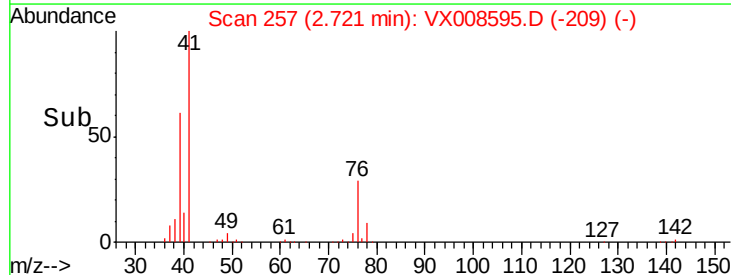
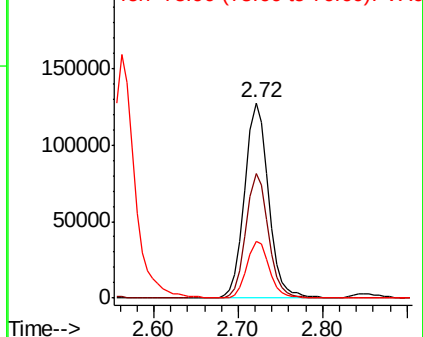
76 27.4 22.6 34.0

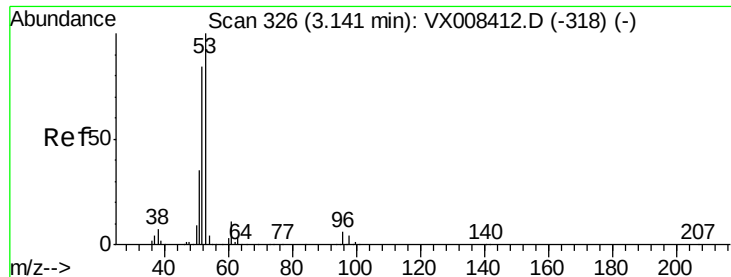


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 238.841 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

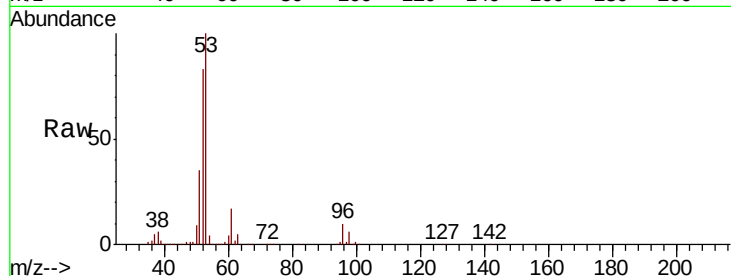
Tot Ion: 53 Resp: 414323

Ion Ratio Lower Upper

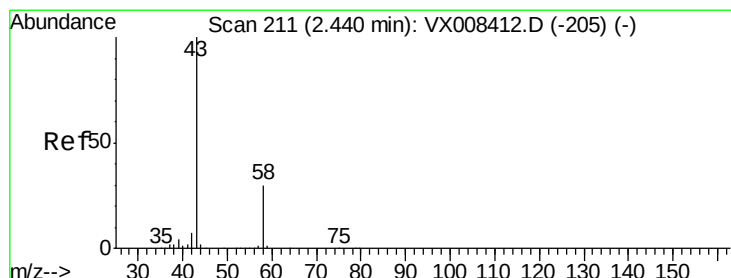
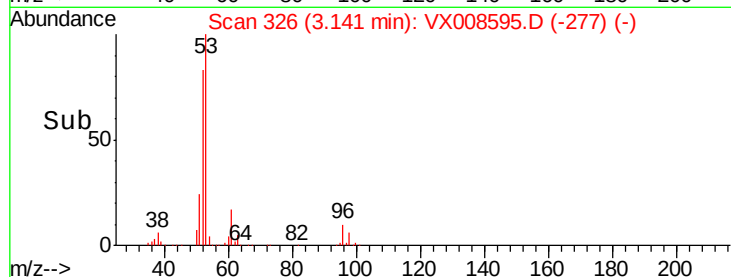
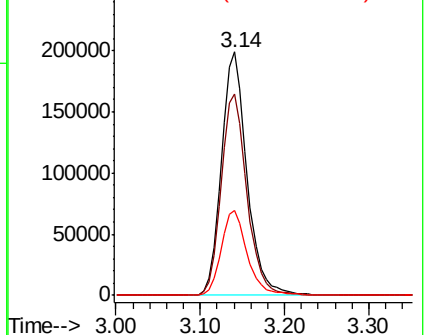
53 100

52 83.5 66.5 99.7

51 35.6 28.3 42.5



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: 276.589 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008595.D

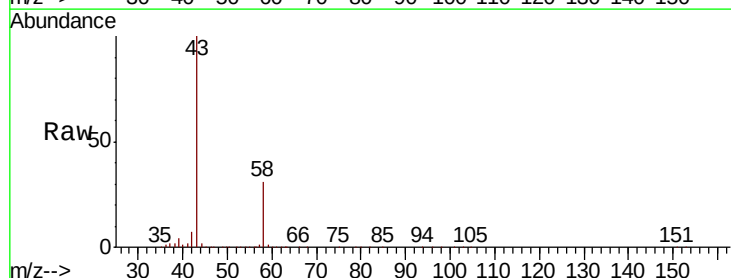
Acq: 02 Apr 2019 16:06

Tgt Ion: 43 Resp: 431651

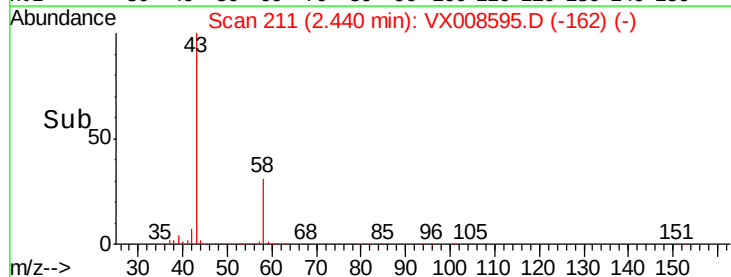
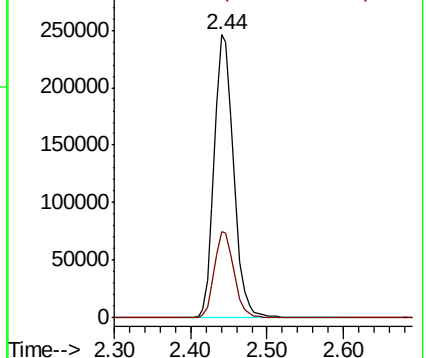
Ion Ratio Lower Upper

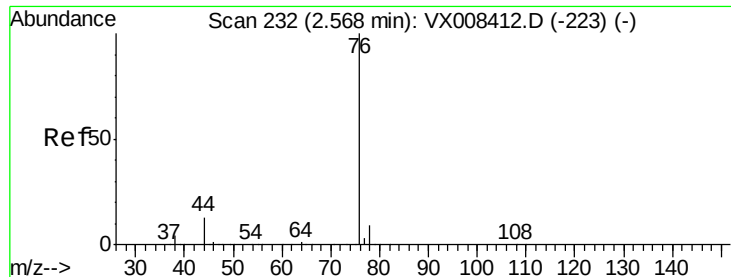
43 100

58 30.7 24.2 36.2



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





#17

Carbon Disulfide

Concen: 43.660 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

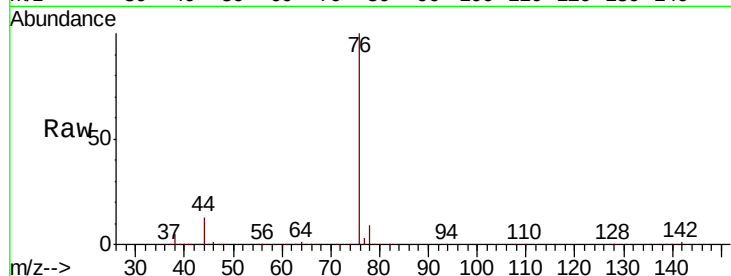
VSTDCCC050

Tot Ion: 76 Resp: 287356

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

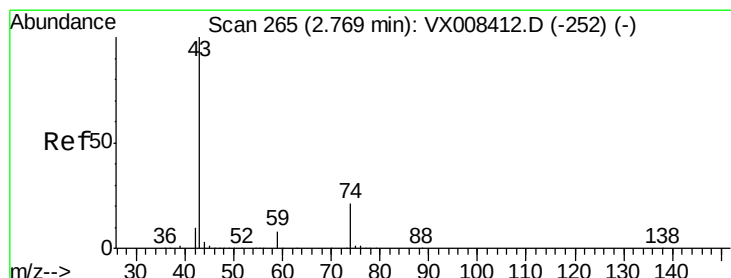
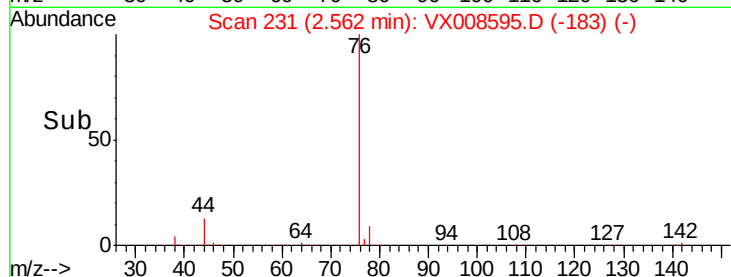
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.649 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008595.D

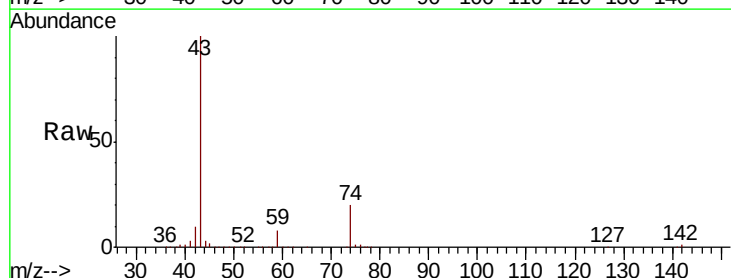
Acq: 02 Apr 2019 16:06

Tgt Ion: 43 Resp: 186092

Ion Ratio Lower Upper

43 100

74 20.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

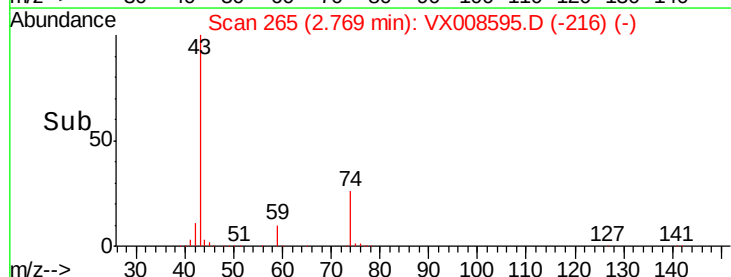
60000

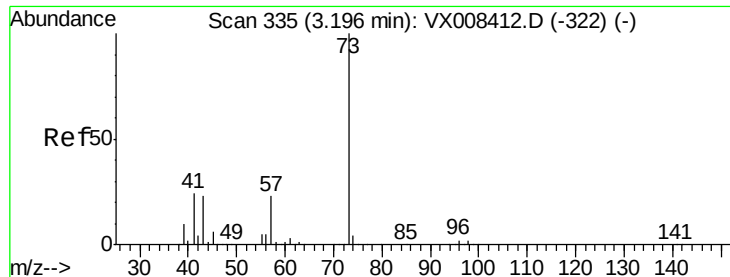
40000

20000

0

Time-->

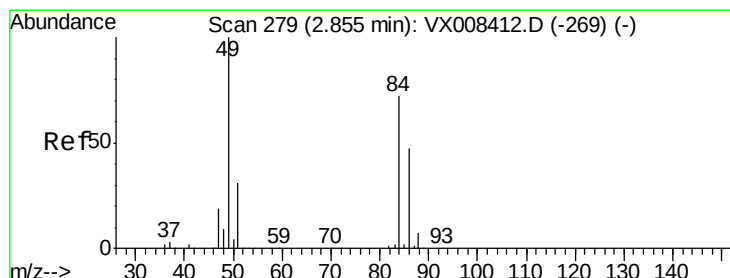
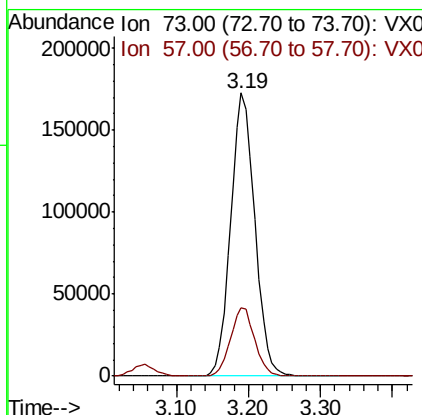
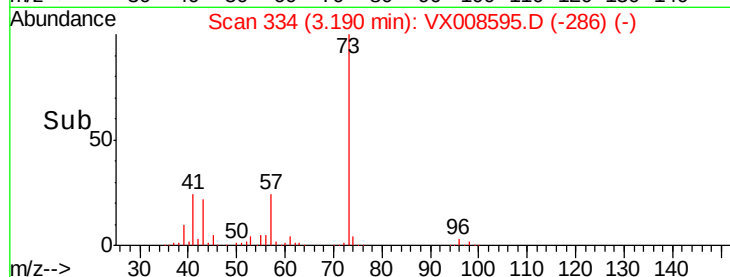
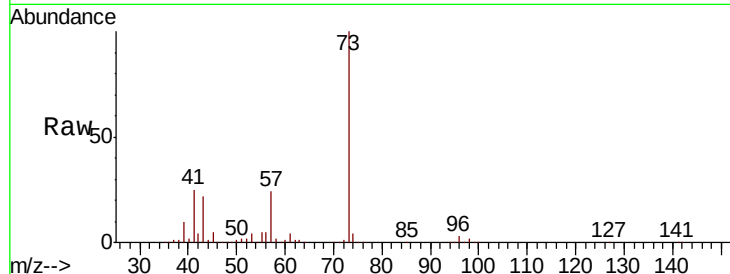




#19
Methyl tert-butyl Ether
Concen: 48.705 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

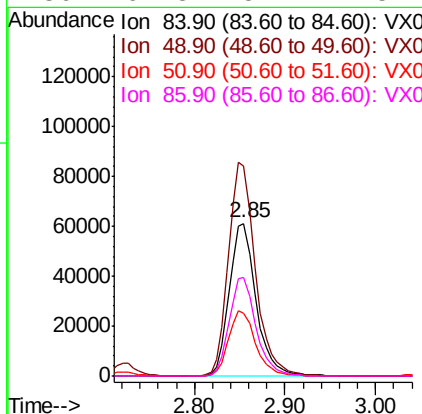
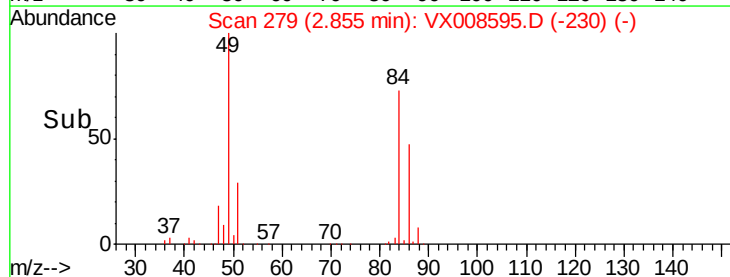
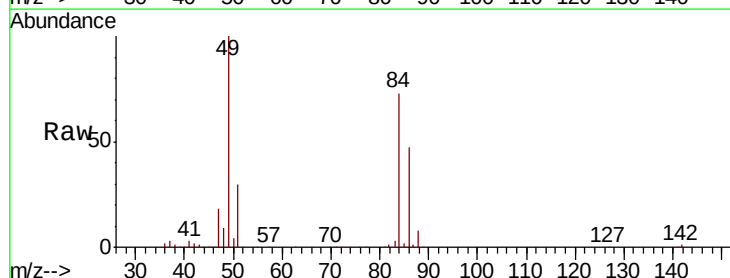
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

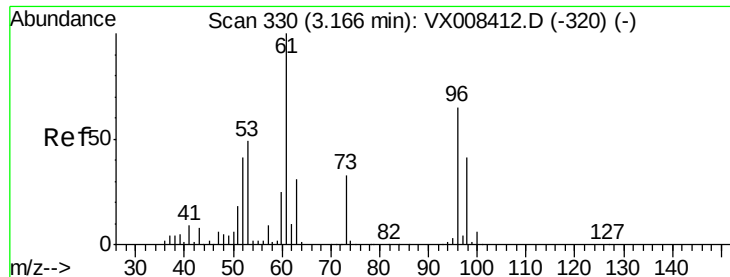
Tot Ion: 73 Resp: 402173
Ion Ratio Lower Upper
73 100
57 23.9 18.6 28.0



#20
Methylene Chloride
Concen: 49.288 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 84 Resp: 125563
Ion Ratio Lower Upper
84 100
49 137.6 110.6 165.8
51 40.7 33.9 50.9
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

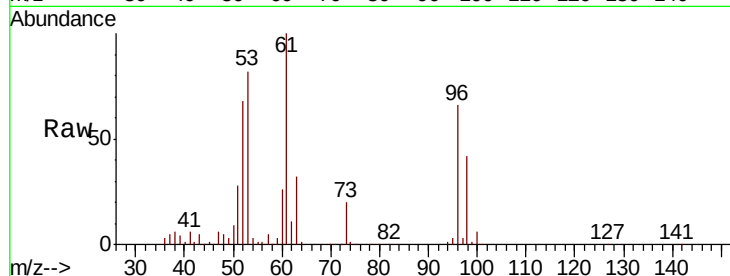
Tot Ion: 96 Resp: 110496

Ion Ratio Lower Upper

96 100

61 152.6 122.6 184.0

98 63.4 50.9 76.3



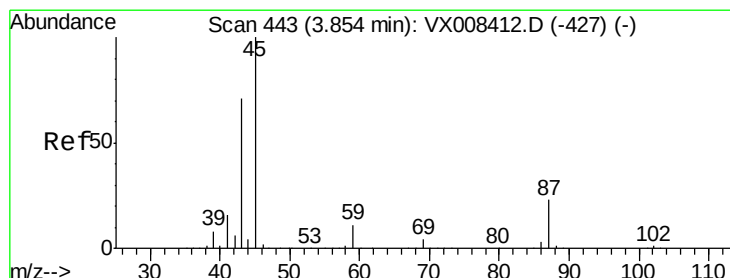
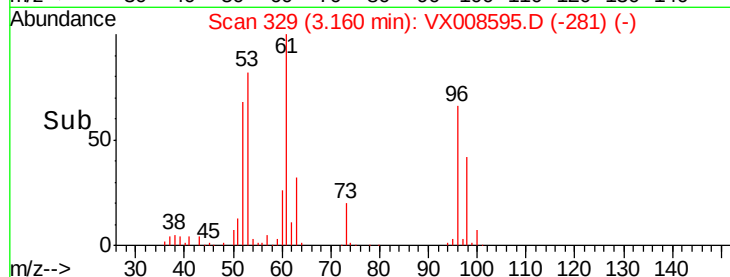
Abundance

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

Time-->



#22

Diisopropyl ether

Concen: 47.932 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Tgt Ion: 45 Resp: 476450

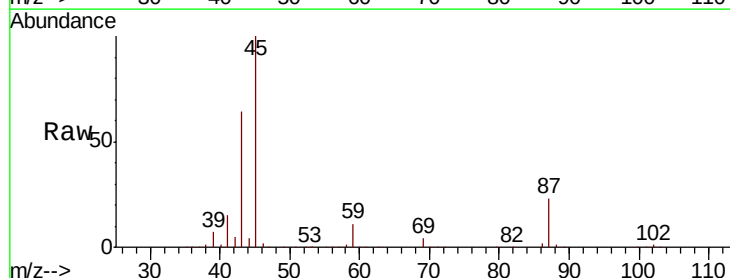
Ion Ratio Lower Upper

45 100

43 63.7 57.1 85.7

87 22.9 18.8 28.2

59 10.8 8.7 13.1



Abundance

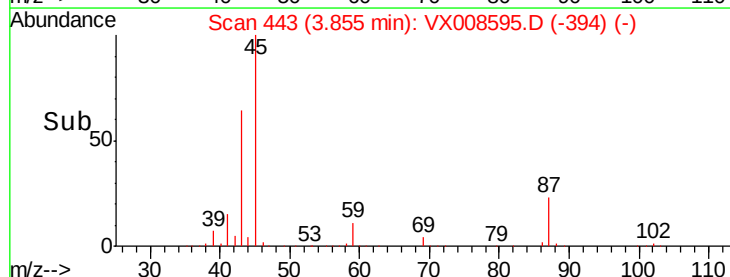
Ion 45.00 (44.70 to 45.70): VX0

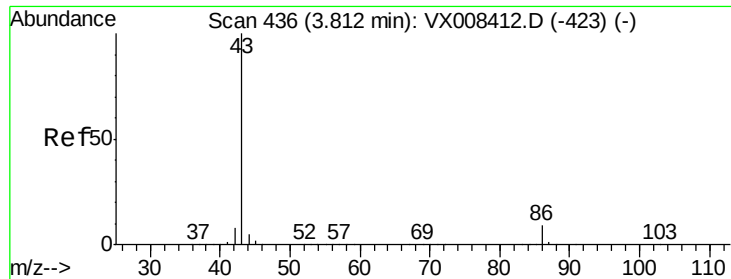
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

Time-->





#23

Vinyl Acetate

Concen: 243.583 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

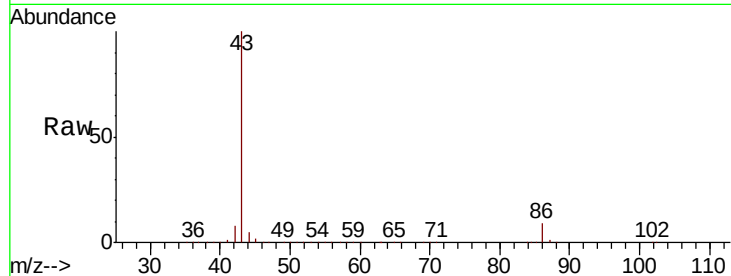
VSTDCCC050

Tot Ion: 43 Resp: 2112396

Ion Ratio Lower Upper

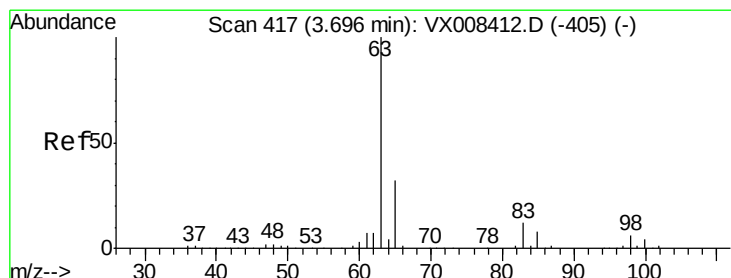
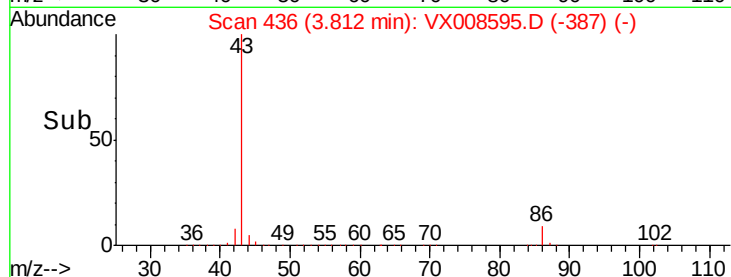
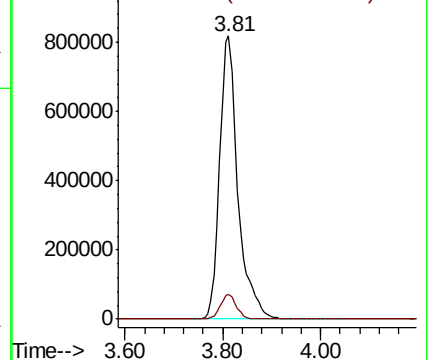
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.147 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

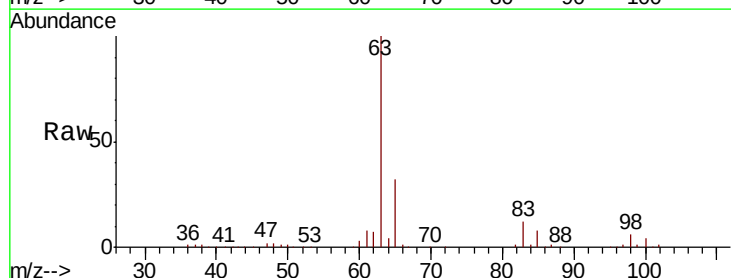
Tgt Ion: 63 Resp: 236599

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

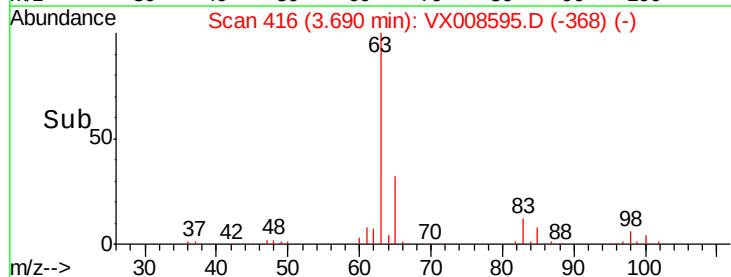
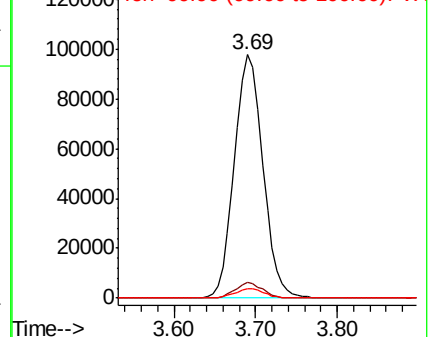
100 3.9 2.0 5.8

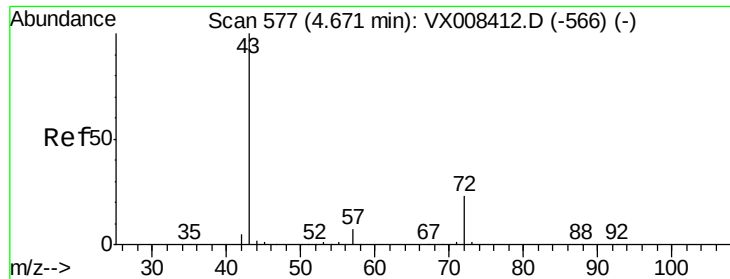


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.112 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

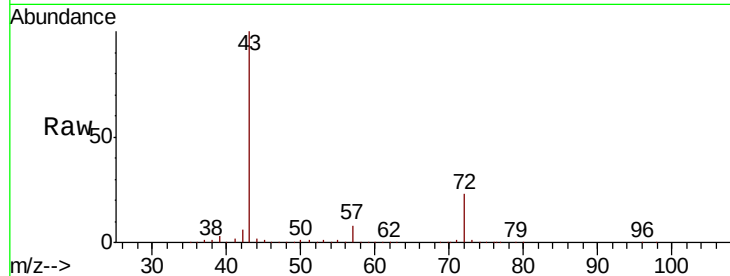
VSTDCCC050

Tot Ion: 43 Resp: 643283

Ion Ratio Lower Upper

43 100

72 23.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

250000

200000

150000

100000

50000

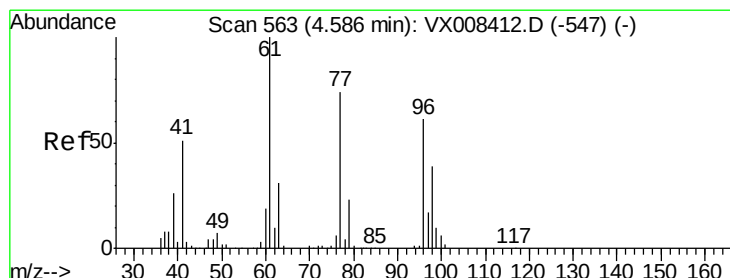
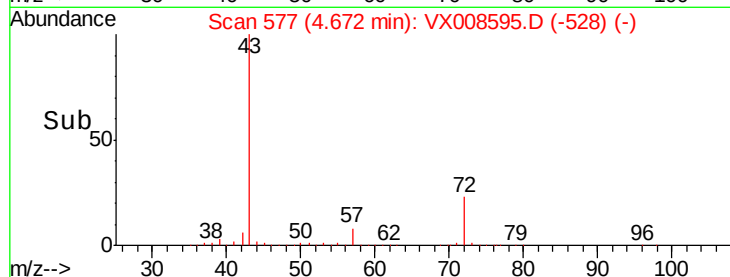
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.344 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008595.D

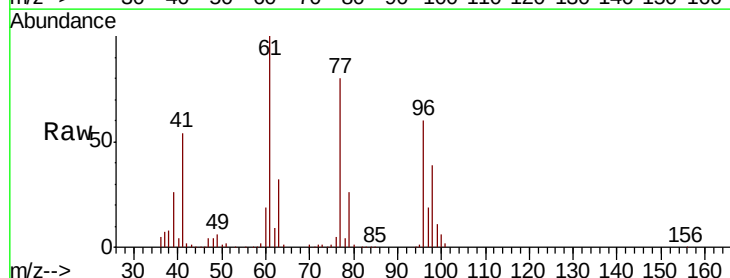
Acq: 02 Apr 2019 16:06

Tgt Ion: 77 Resp: 174712

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

30000

20000

10000

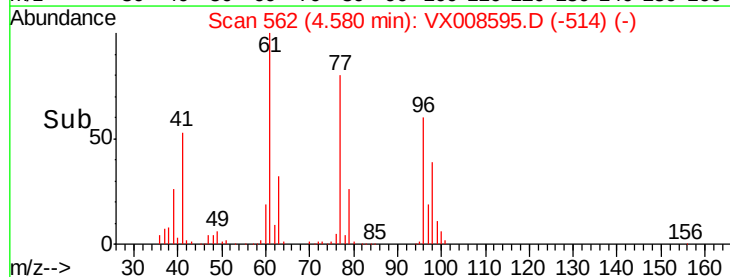
0

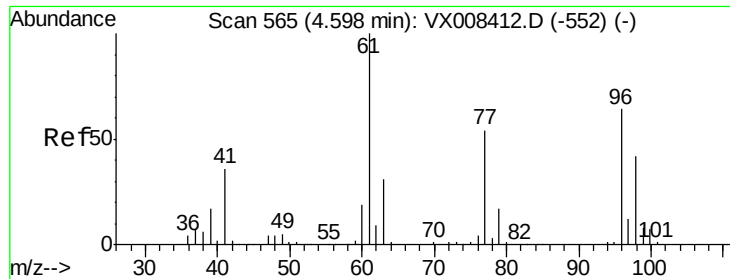
4.50

4.60

4.70

Time-->



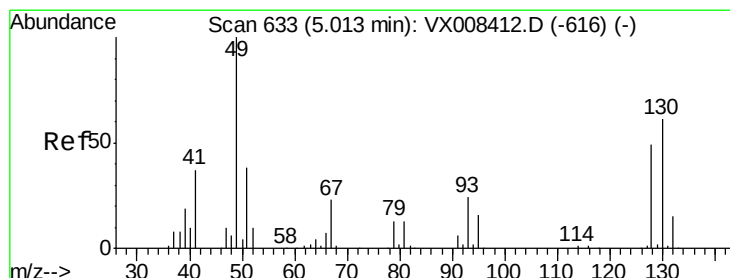
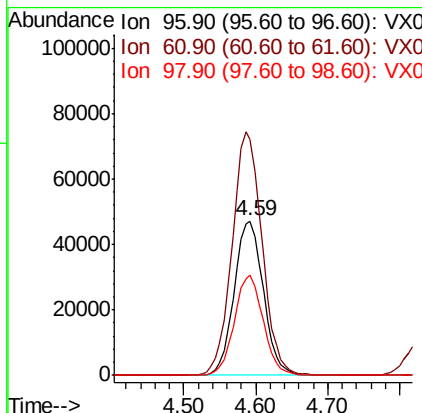
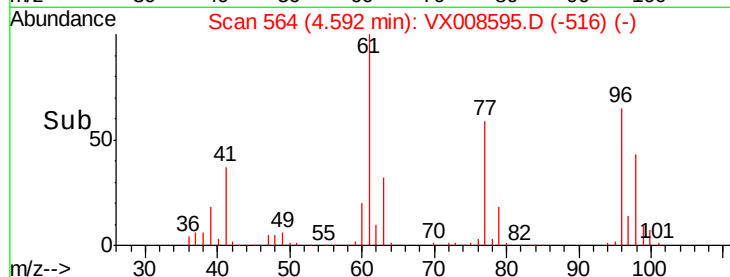
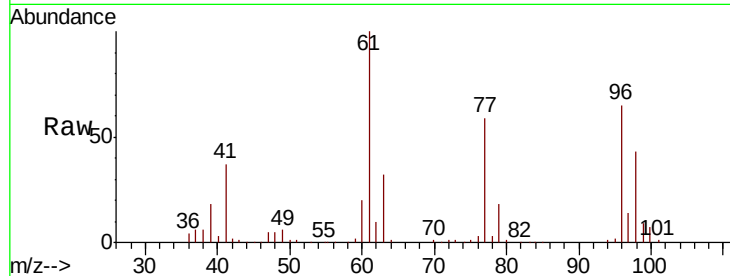


#27

cis-1,2-Dichloroethene
 Concen: 47.353 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

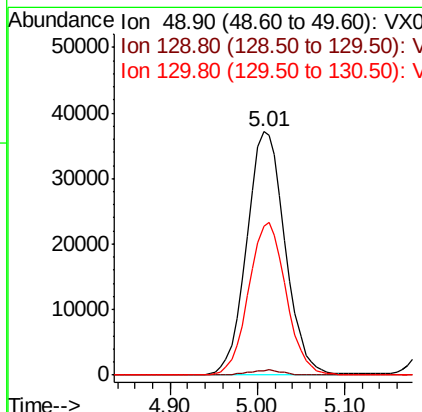
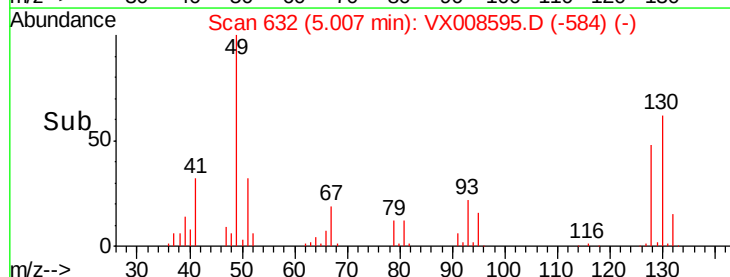
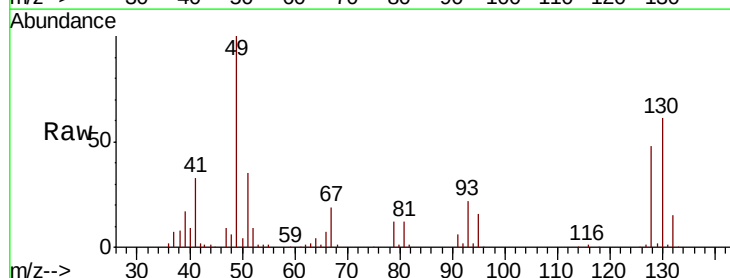
Tot Ion: 96 Resp: 132682
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 325.6
 98 64.4 0.0 130.0

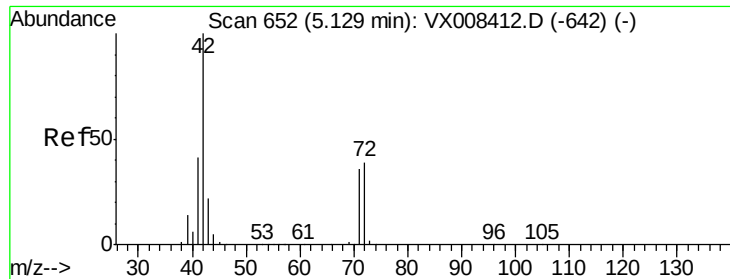


#28

Bromochloromethane
 Concen: 45.690 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 49 Resp: 113277
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 61.3 49.8 74.6

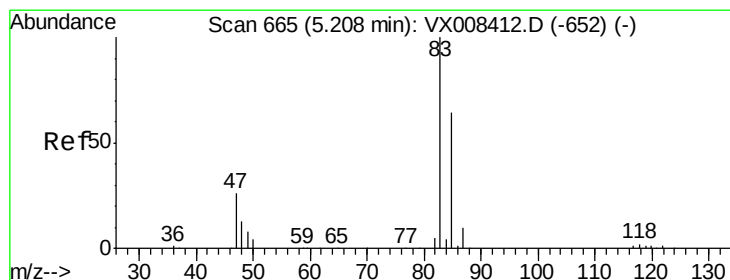
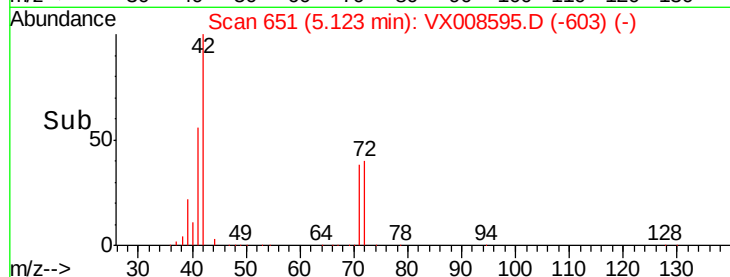
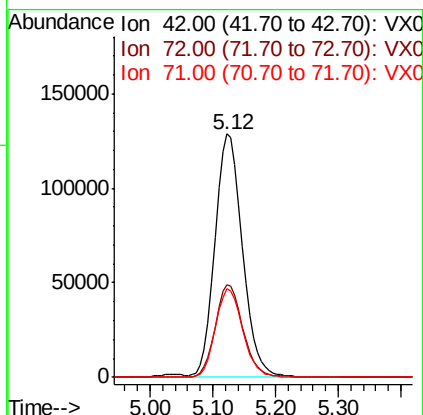
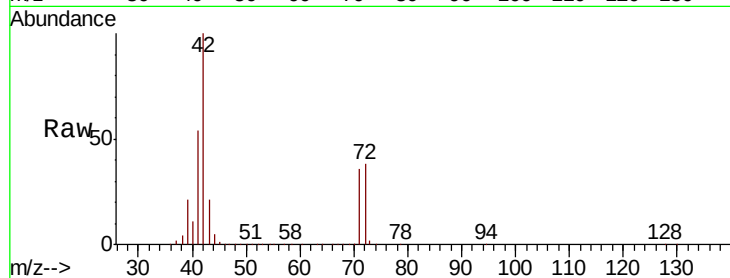




#29
Tetrahydrofuran
Concen: 236.395 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

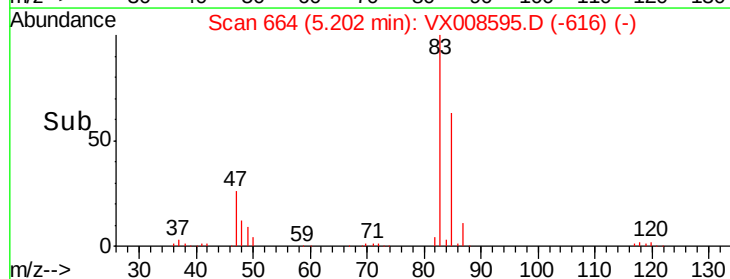
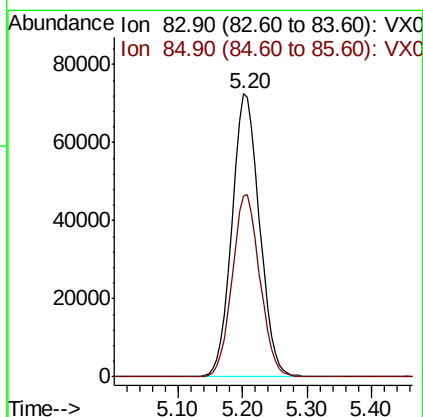
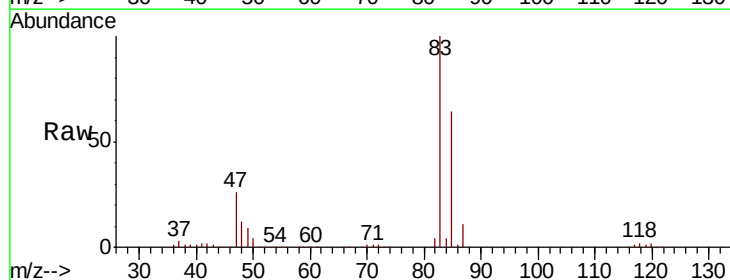
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

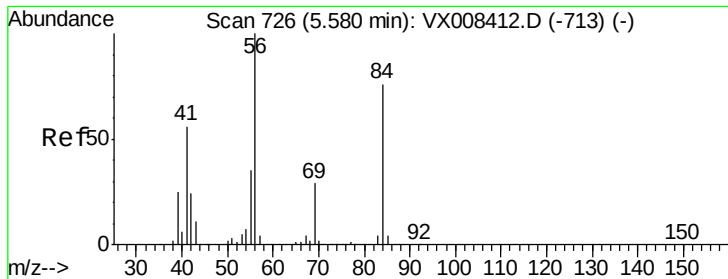
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.4	47.2
71	36.2	29.4	44.2



#30
Chloroform
Concen: 47.860 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.2

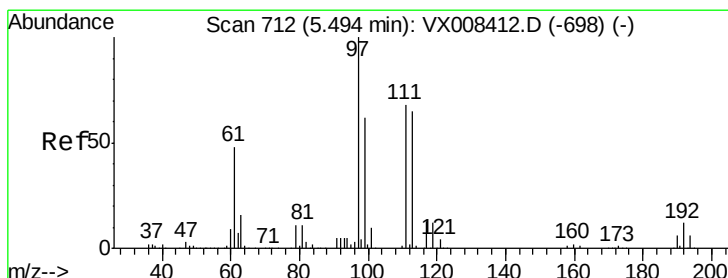
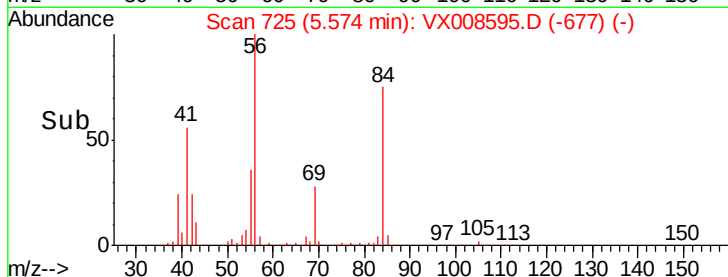
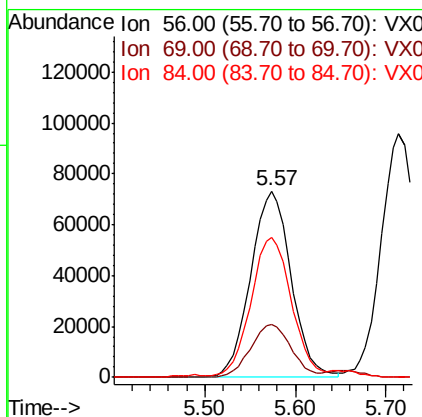
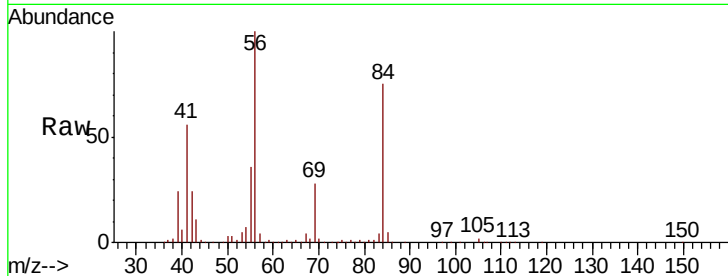




#31
Cyclohexane
Concen: 47.275 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

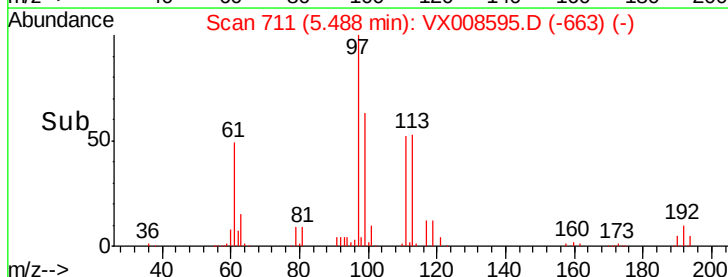
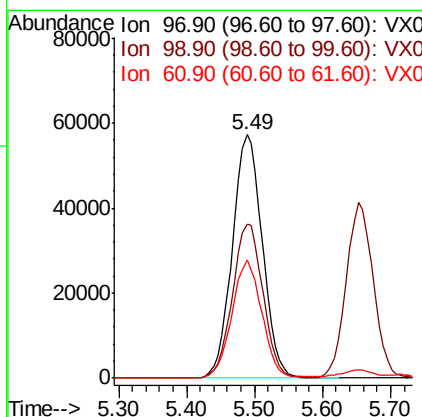
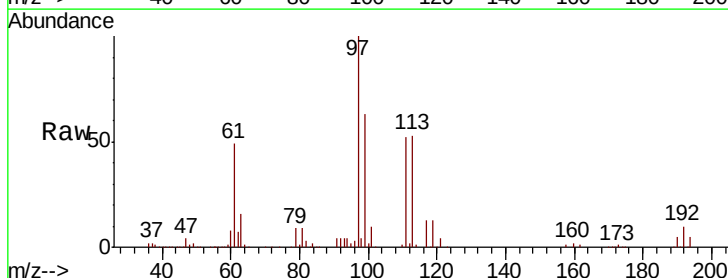
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

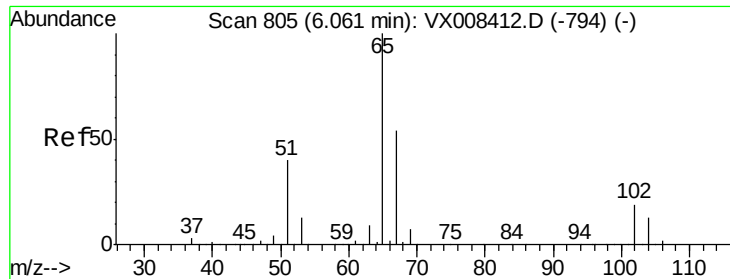
Tot Ion: 56 Resp: 226266
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 74.1 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 48.442 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 97 Resp: 175363
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 48.5 38.8 58.2

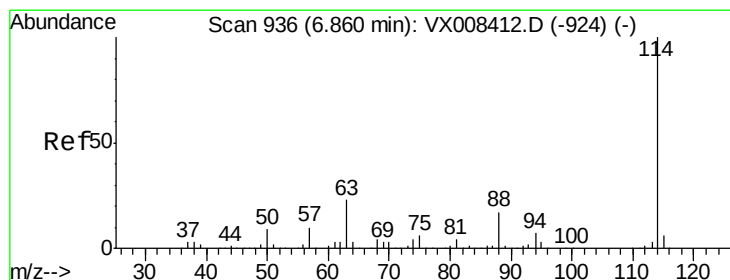
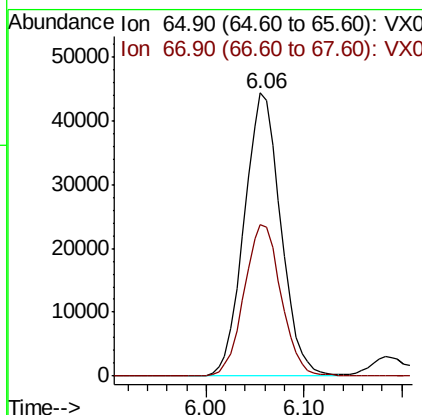
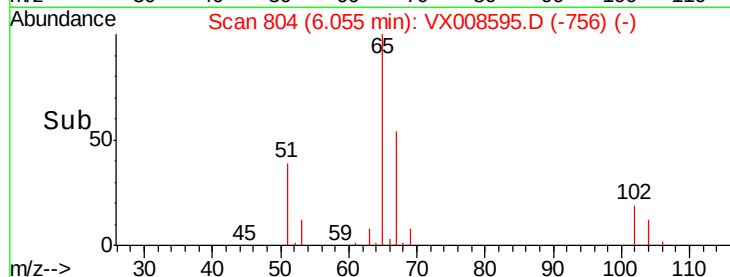
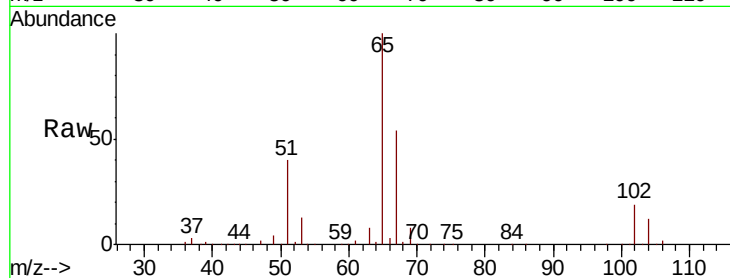




#33
 1,2-Dichloroethane-d4
 Concen: 38.540 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

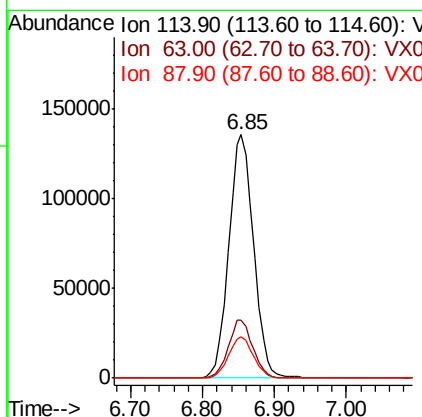
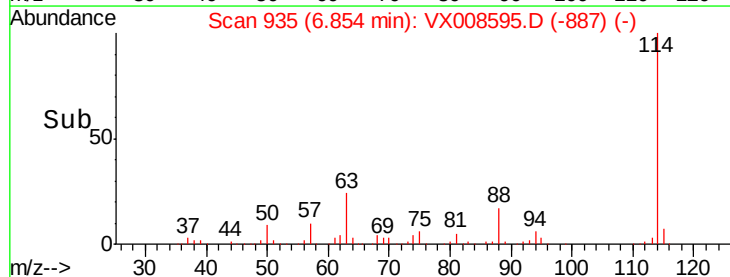
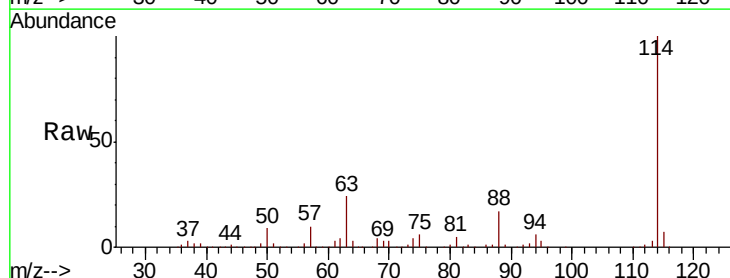
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

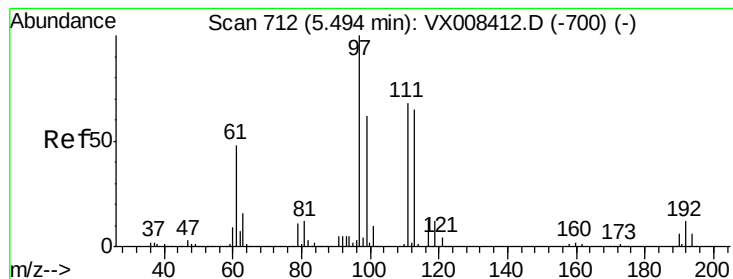
Tot Ion: 65 Resp: 115079
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 114 Resp: 324153
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 40.705 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

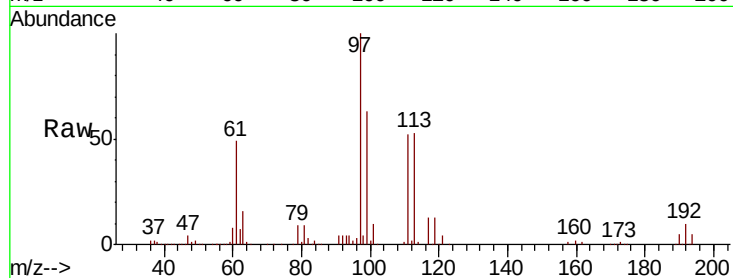
Tot Ion:113 Resp: 86035

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

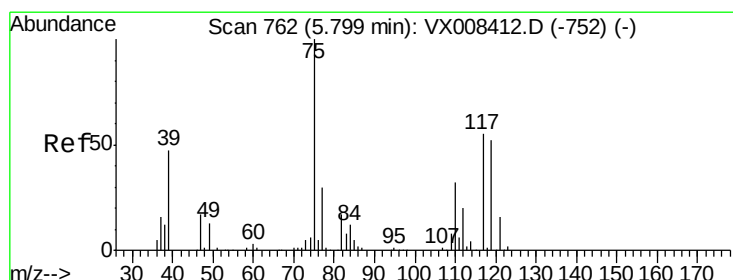
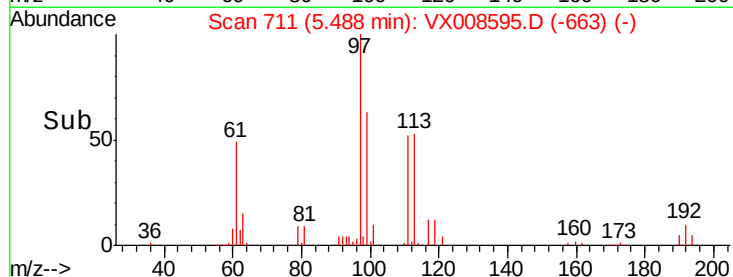
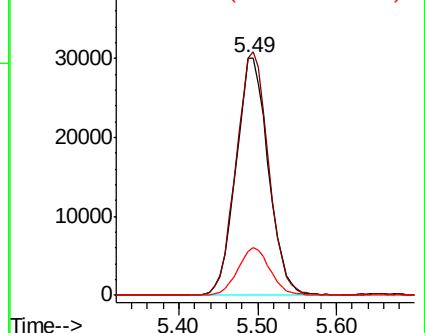
192 19.8 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.007 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

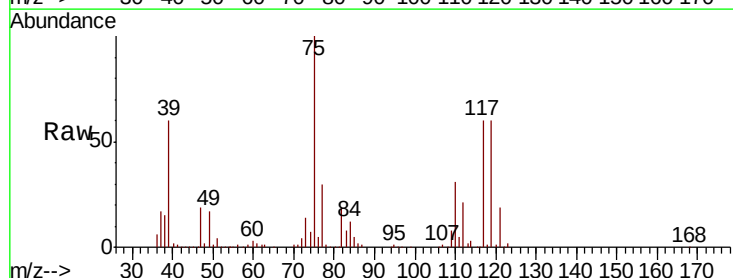
Tgt Ion: 75 Resp: 165921

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.7

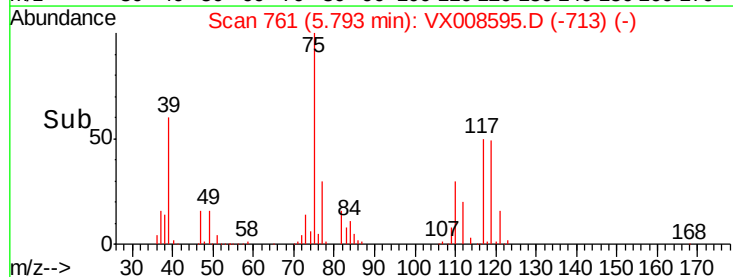
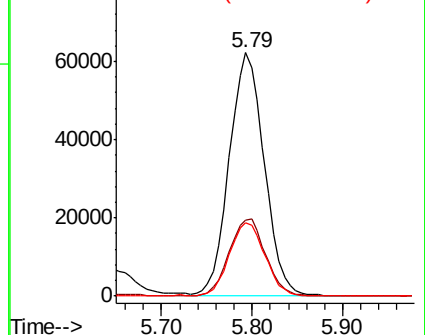
77 30.9 24.2 36.2

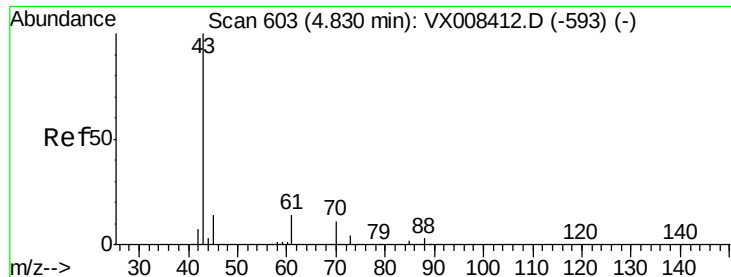


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

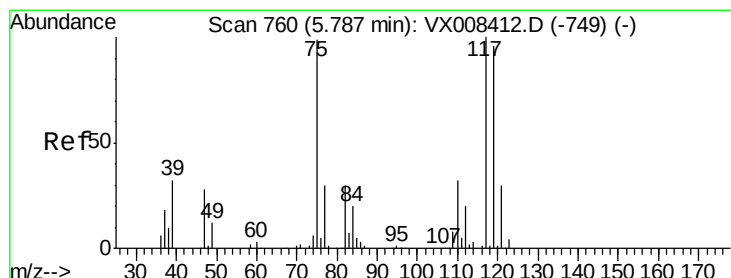
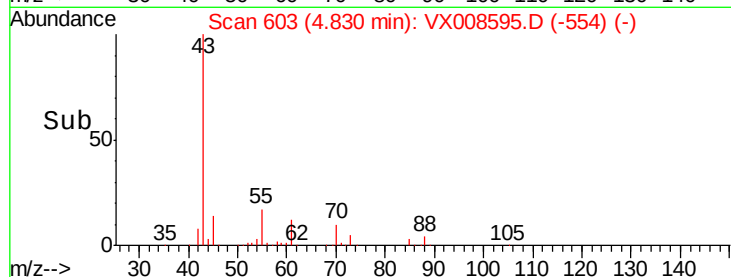
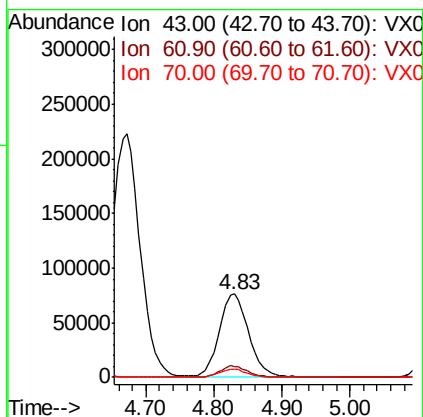
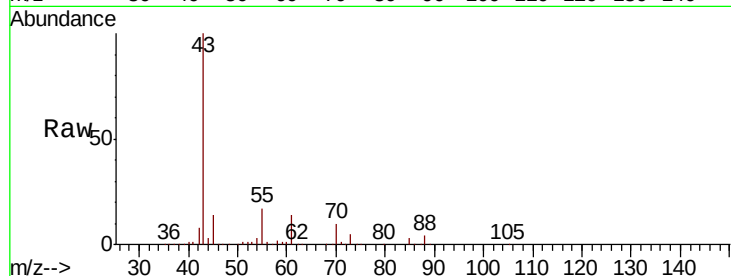




#37
Ethyl Acetate
Concen: 50.999 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

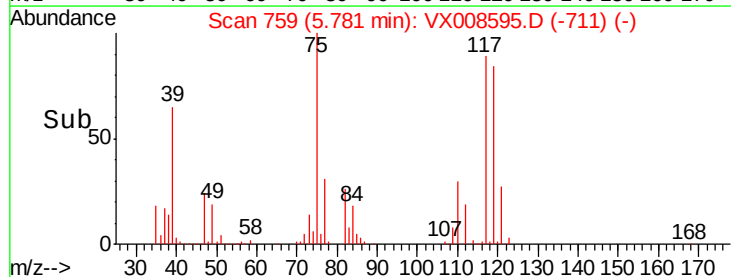
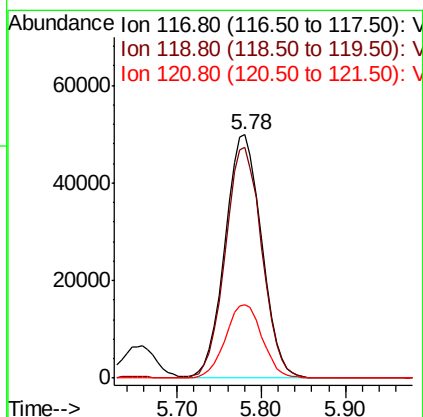
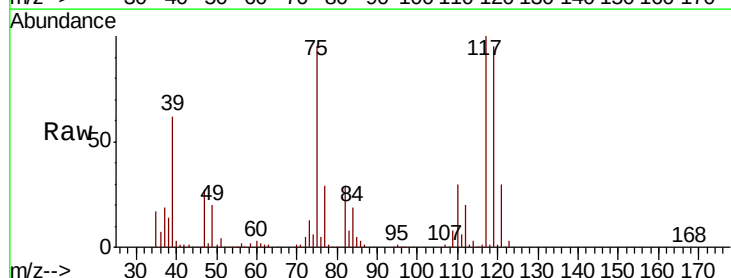
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

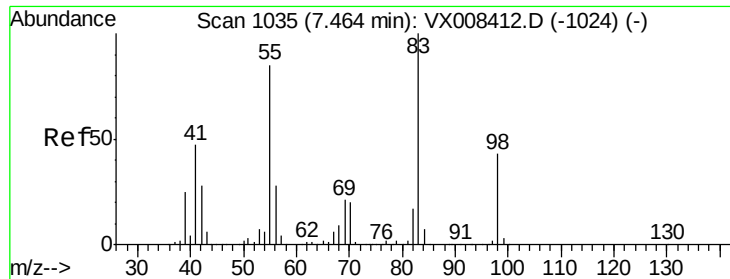
Tot Ion: 43 Resp: 228344
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.116 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 117 Resp: 147434
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1
121 30.2 24.3 36.5

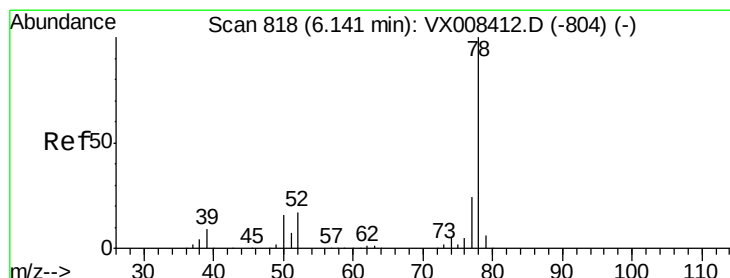
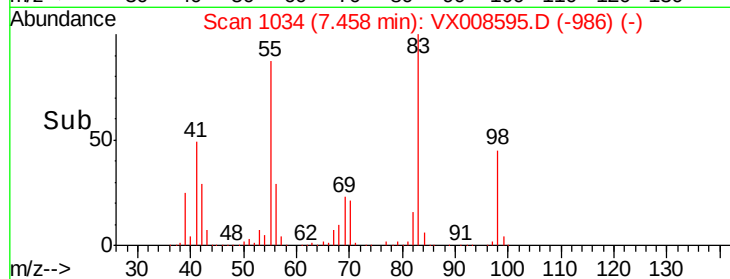
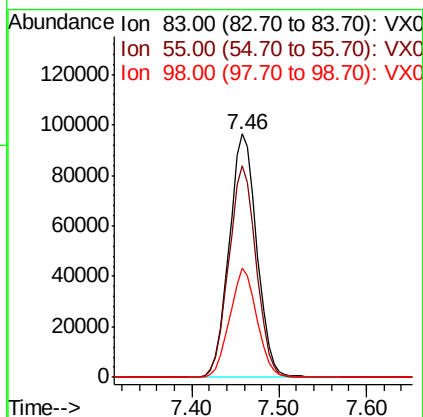
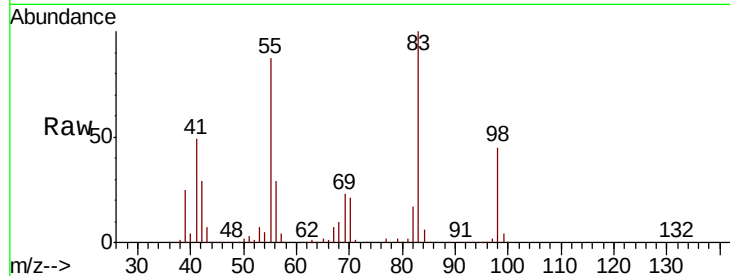




#39
Methylvlcyclohexane
Concen: 51.388 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

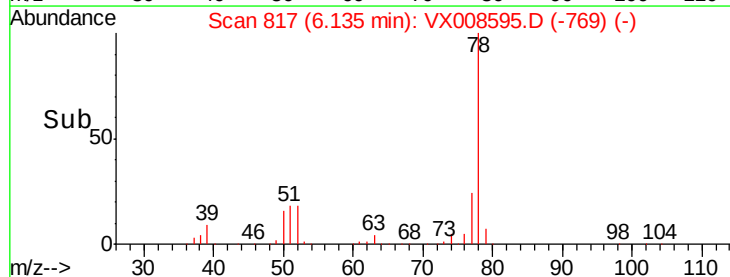
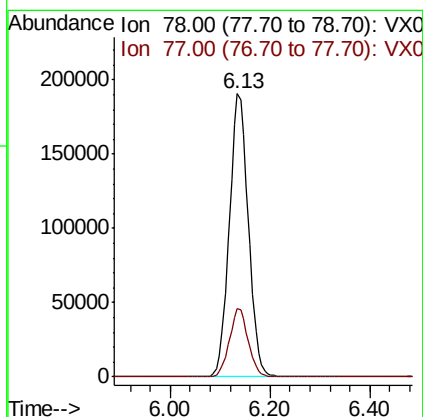
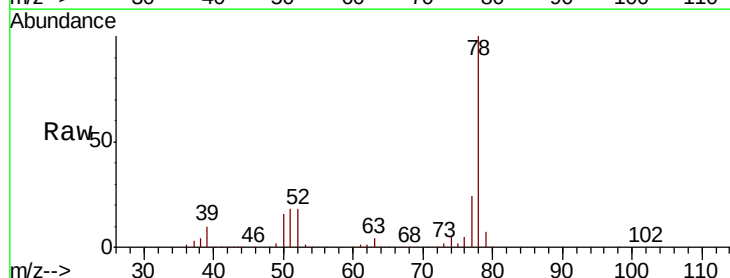
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

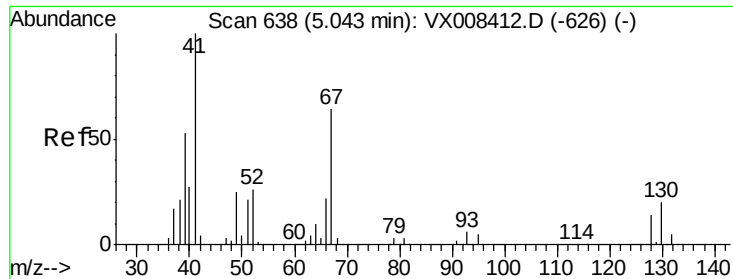
Tot Ion: 83 Resp: 212253
Ion Ratio Lower Upper
83 100
55 87.0 68.2 102.4
98 44.9 34.2 51.4



#40
Benzene
Concen: 48.933 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 78 Resp: 506306
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

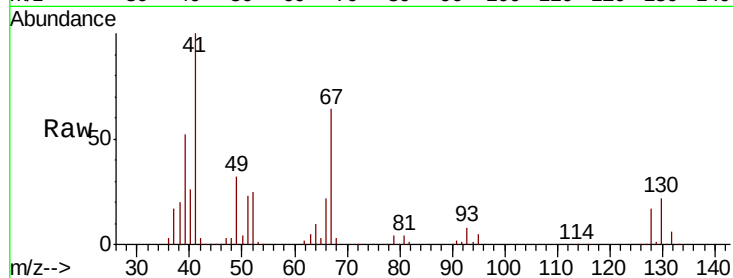




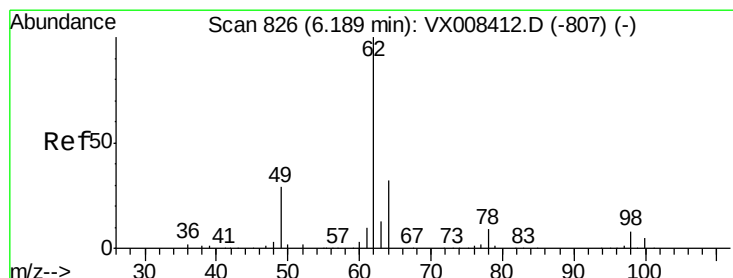
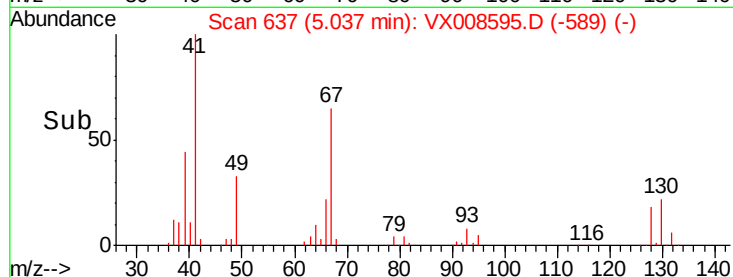
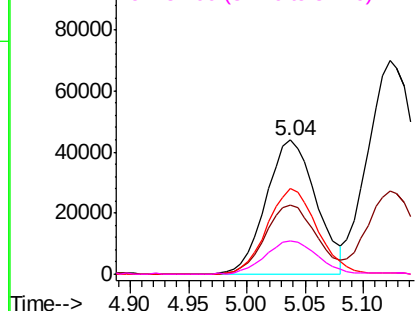
#41
Methacrylonitrile
Concen: 51.883 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	130547
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.6	64.0
67	64.4	52.2	78.4
52	25.9	21.4	32.0

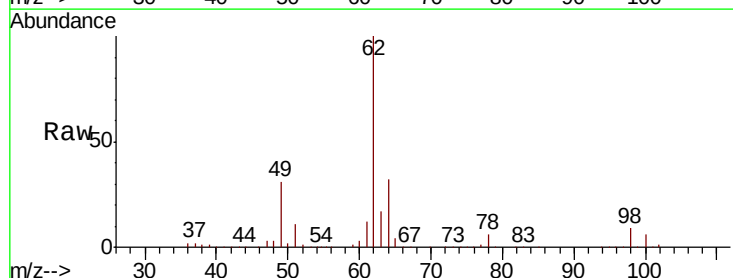


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

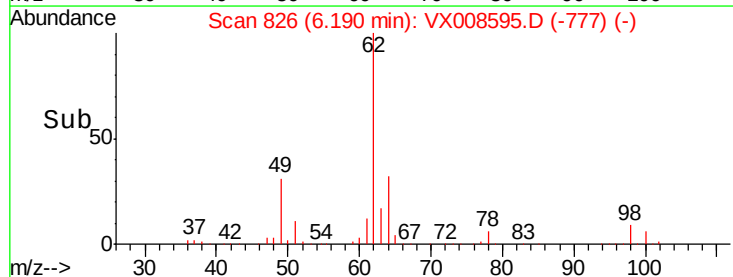
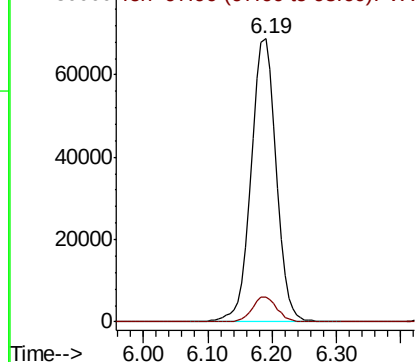


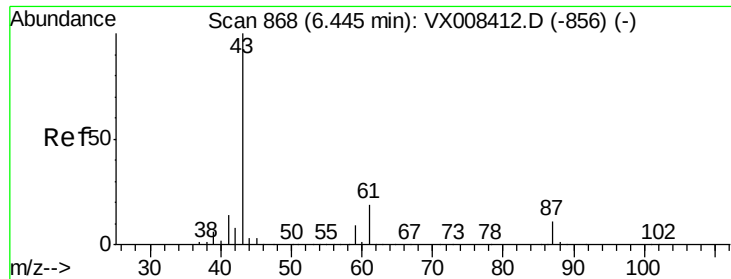
#42
1,2-Dichloroethane
Concen: 48.252 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:	62	Resp:	182796
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 50.805 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

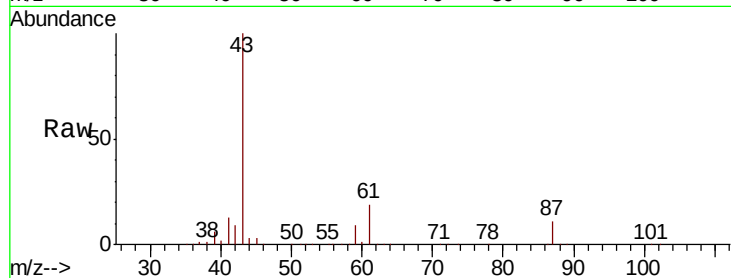
Tot Ion: 43 Resp: 363852

Ion Ratio Lower Upper

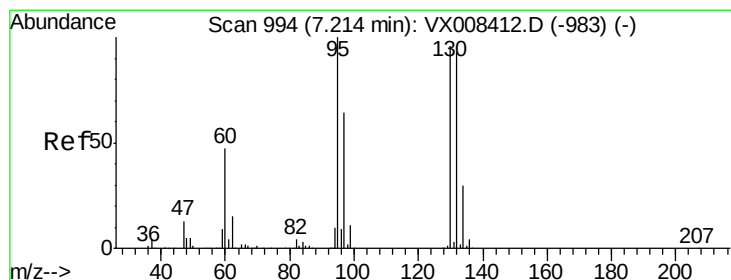
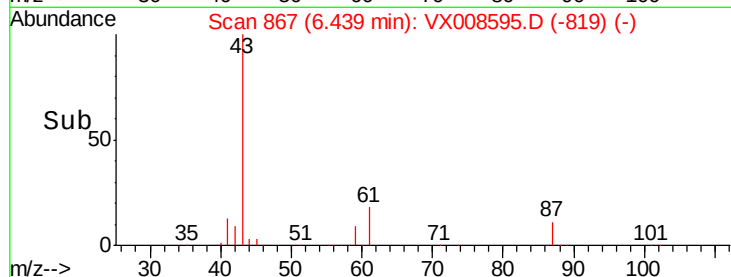
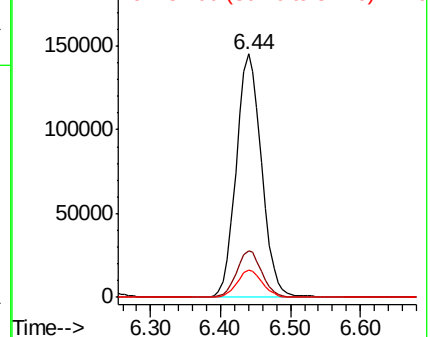
43 100

61 19.2 15.4 23.2

87 11.3 9.1 13.7



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: 49.042 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008595.D

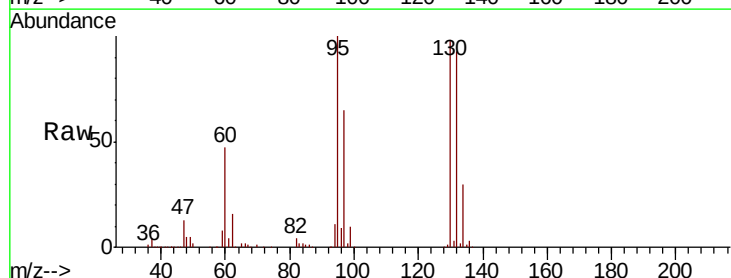
Acq: 02 Apr 2019 16:06

Tgt Ion:130 Resp: 119144

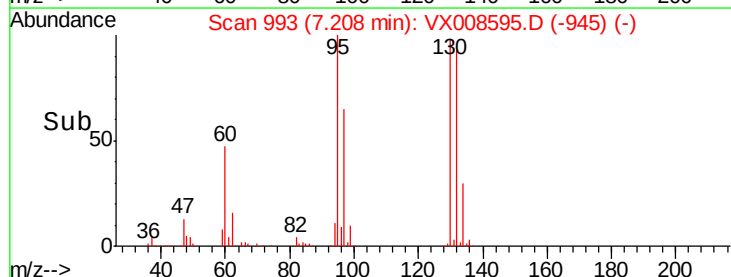
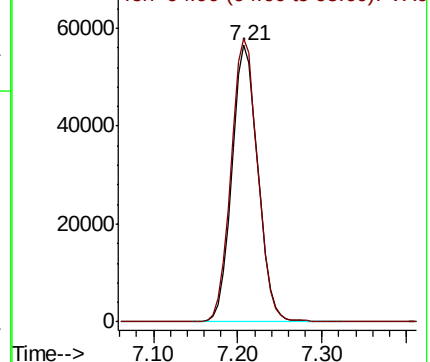
Ion Ratio Lower Upper

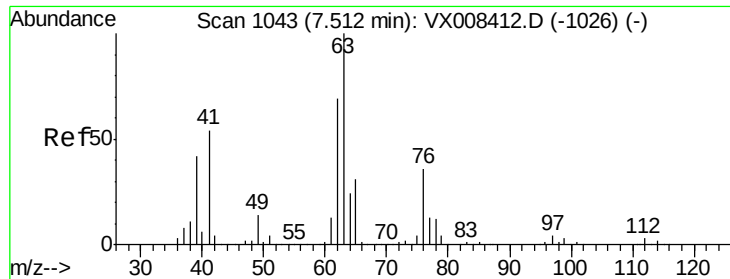
130 100

95 102.4 0.0 208.8



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

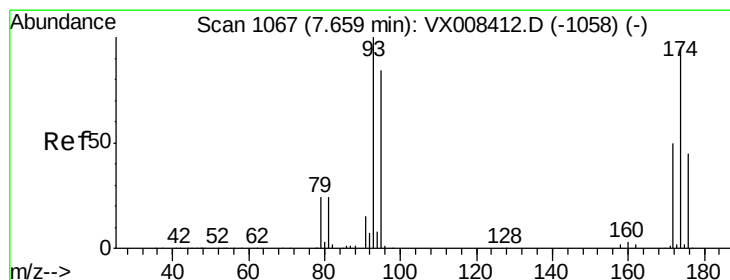
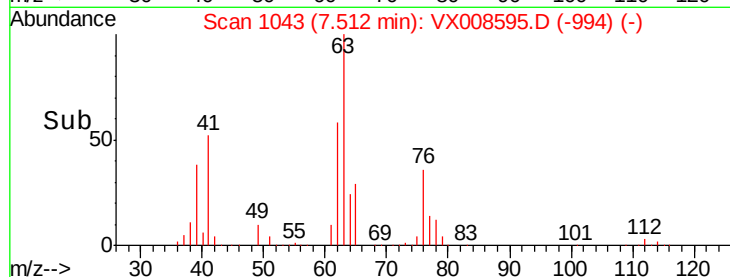
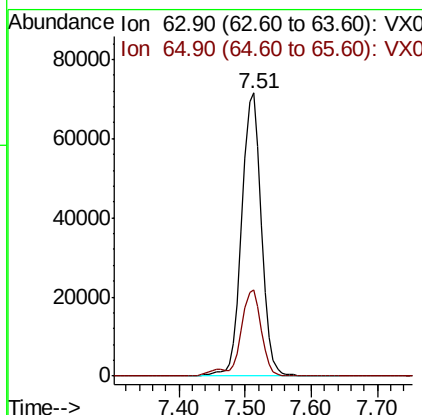
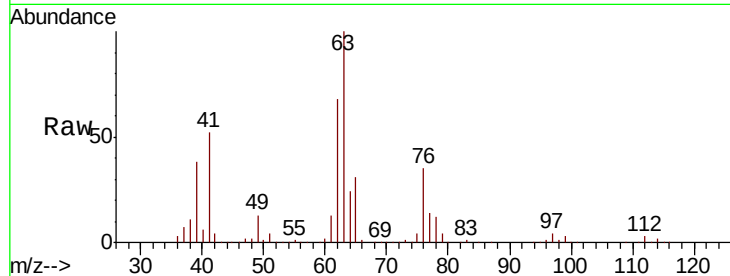




#45
 1,2-Dichloropropane
 Concen: 50.159 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

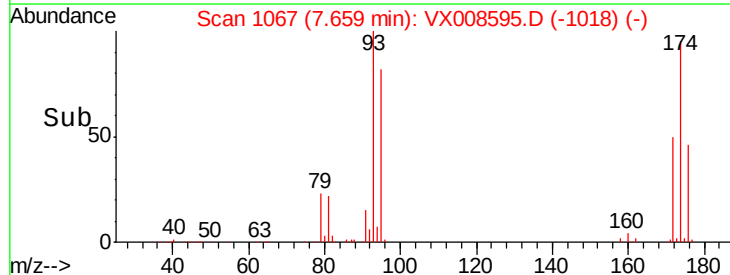
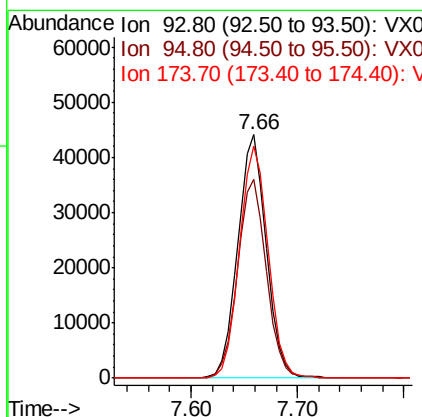
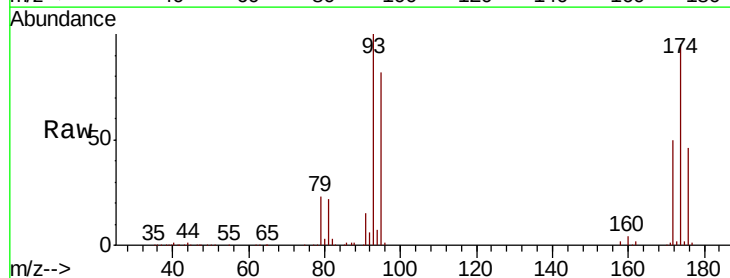
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

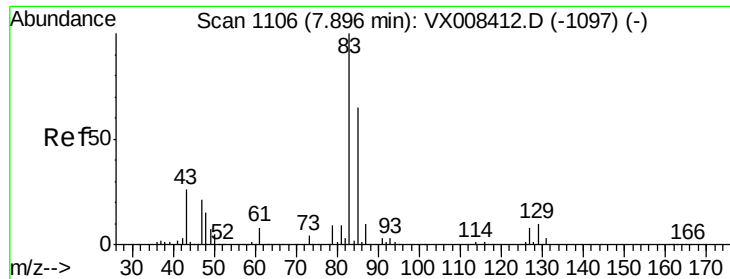
Tot Ion: 63 Resp: 147519
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 48.398 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 93 Resp: 83118
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.6
 174 96.2 76.0 114.0





#47

Bromodichloromethane

Concen: 51.842 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

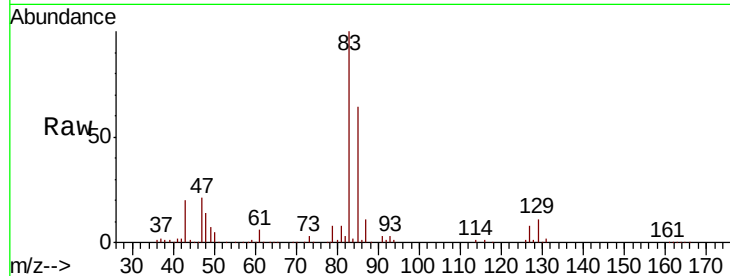
Tot Ion: 83 Resp: 170417

Ion Ratio Lower Upper

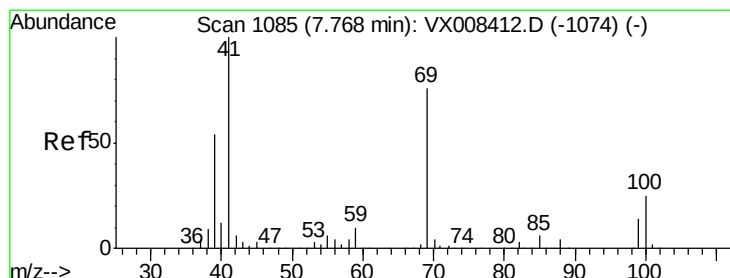
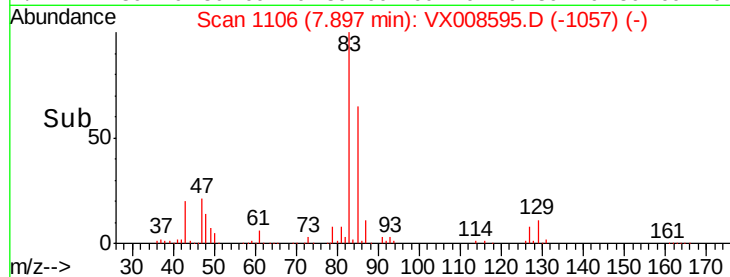
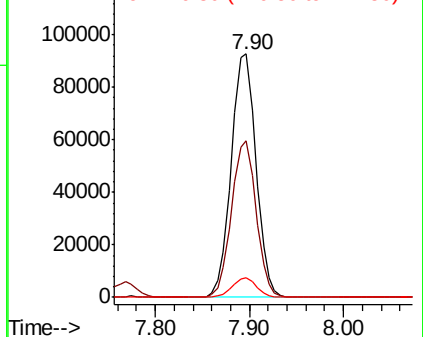
83 100

85 64.4 52.0 78.0

127 8.3 6.4 9.6



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: 51.676 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

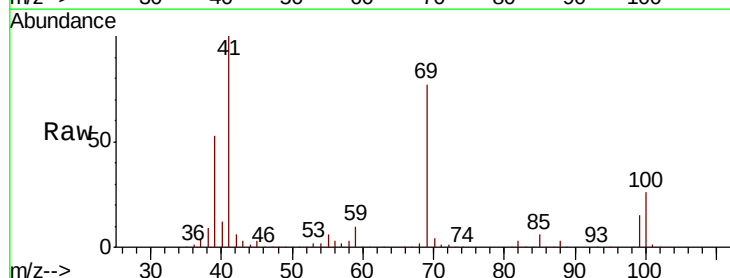
Tgt Ion: 41 Resp: 185178

Ion Ratio Lower Upper

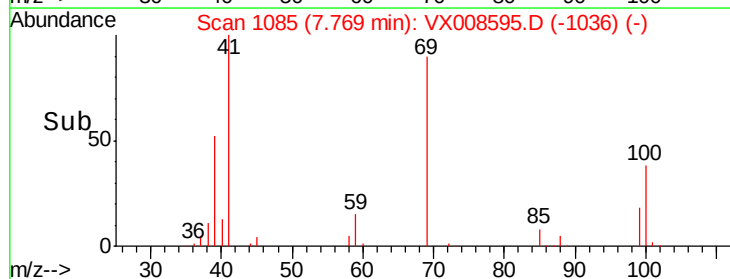
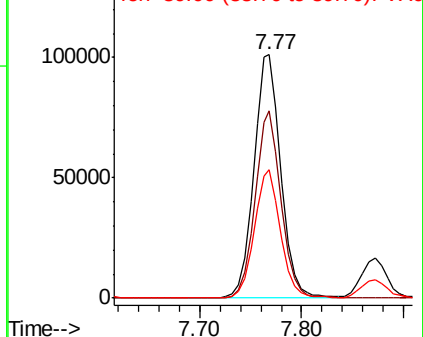
41 100

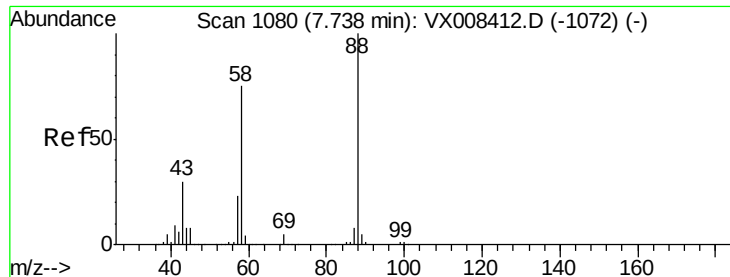
69 74.8 60.8 91.2

39 51.2 42.3 63.5



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

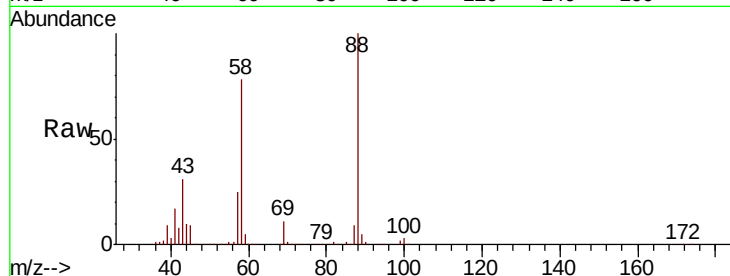




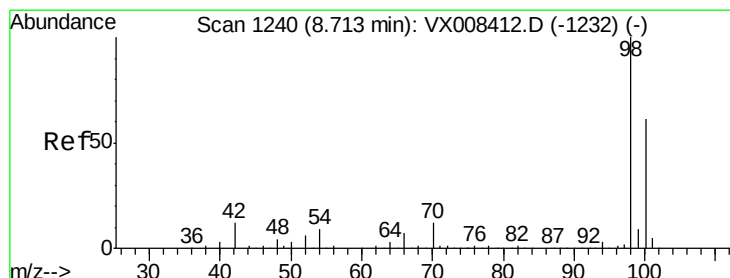
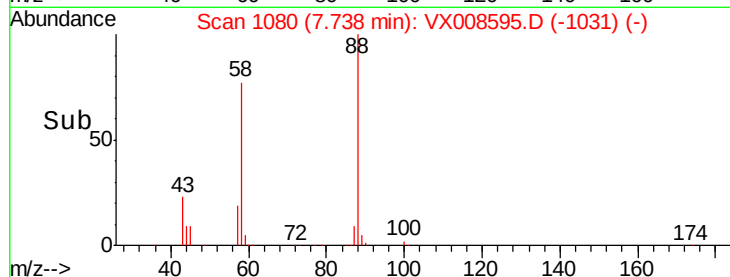
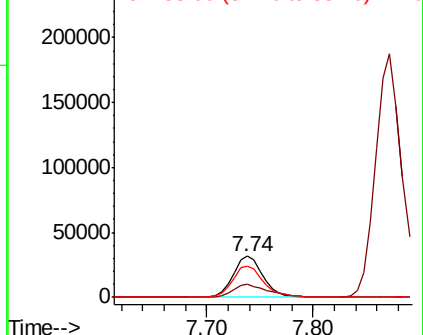
#49
1,4-Dioxane
Concen: 883.797 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 62971
Ion Ratio Lower Upper
88 100
43 36.4 28.6 43.0
58 79.2 63.0 94.4

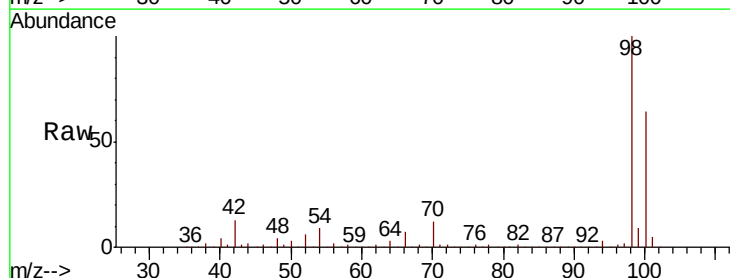


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

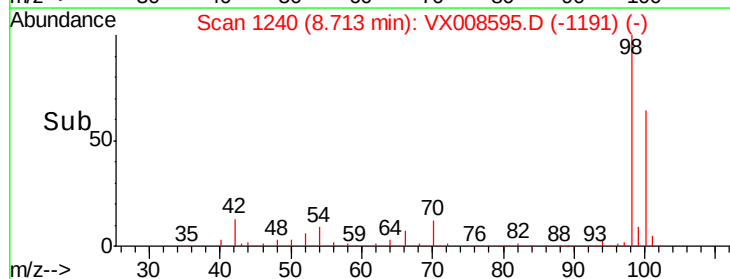
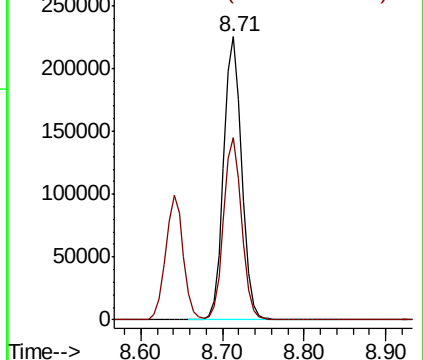


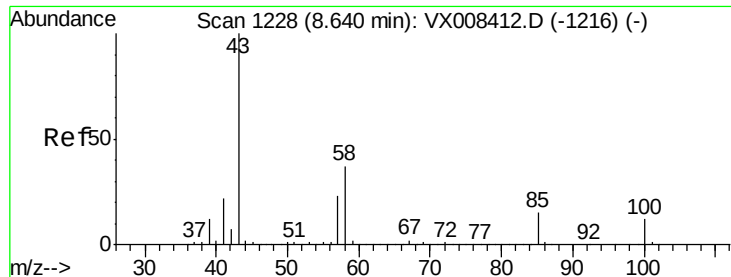
#50
Toluene-d8
Concen: 40.629 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 98 Resp: 343378
Ion Ratio Lower Upper
98 100
100 64.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 261.739 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

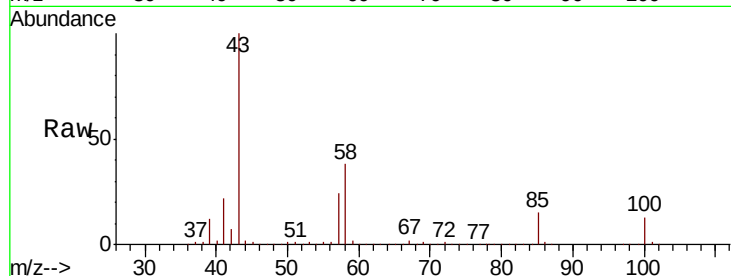
VSTDCCC050

Tot Ion: 43 Resp: 1217498

Ion Ratio Lower Upper

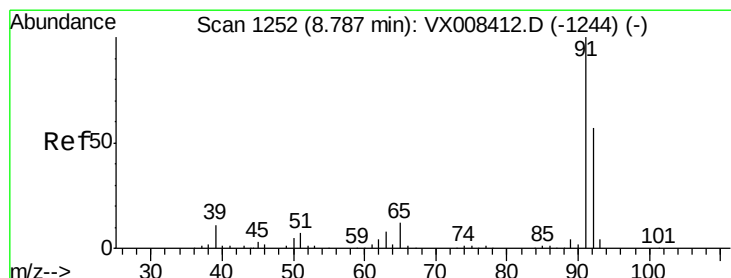
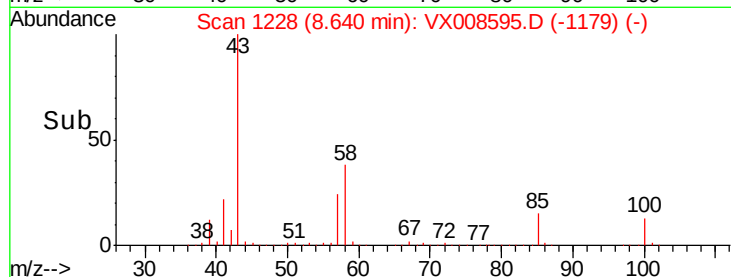
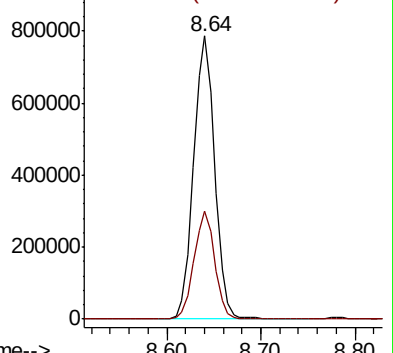
43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.757 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008595.D

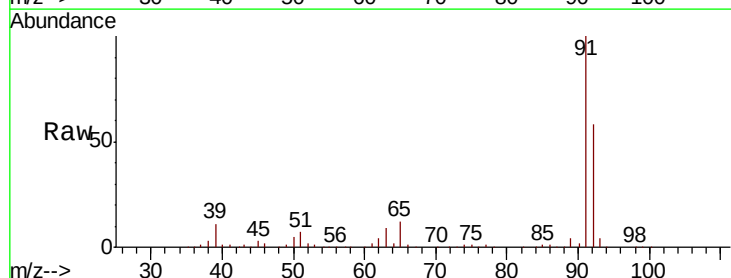
Acq: 02 Apr 2019 16:06

Tgt Ion: 92 Resp: 307835

Ion Ratio Lower Upper

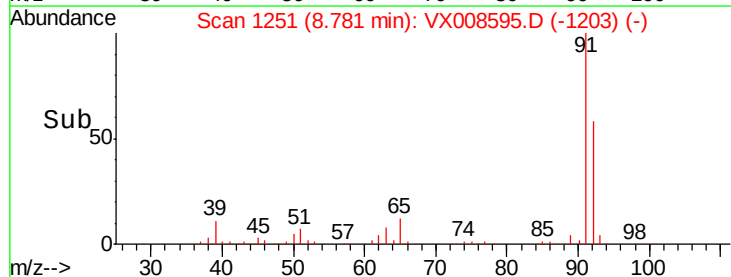
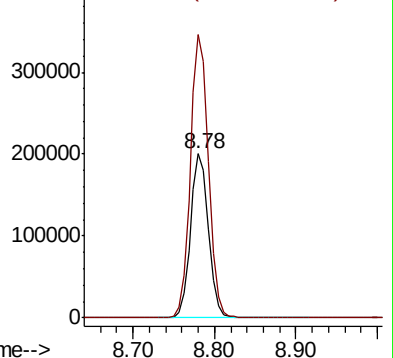
92 100

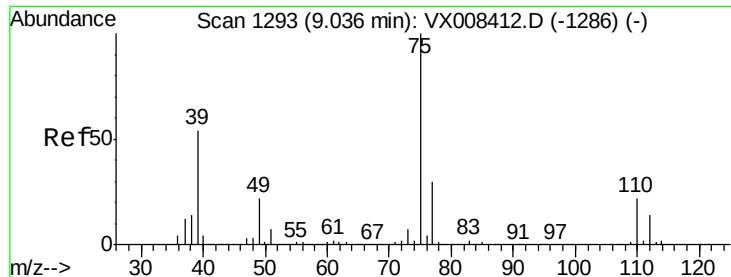
91 173.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

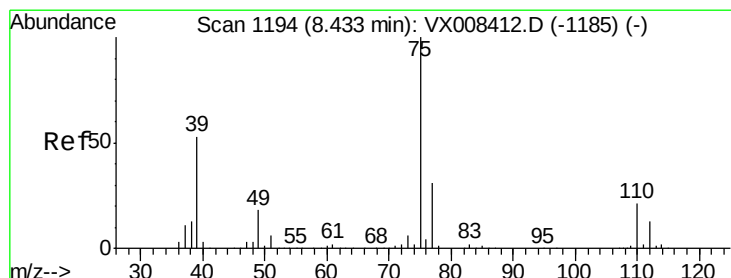
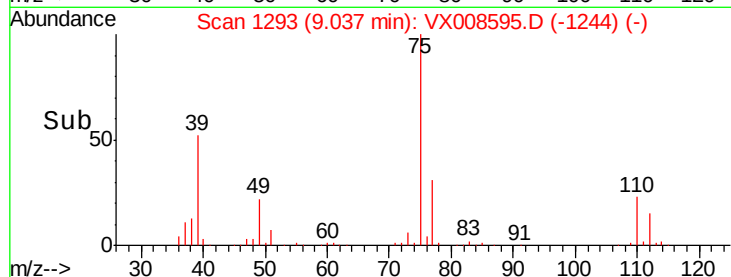
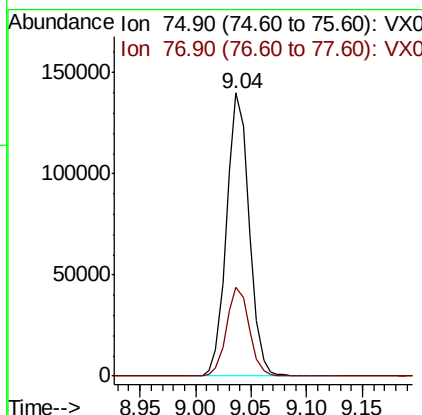
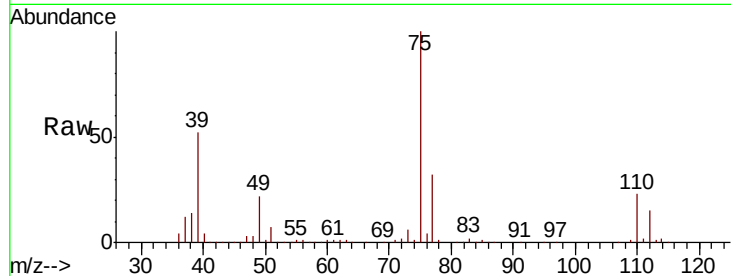




#53
t-1,3-Dichloropropene
Concen: 54.601 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

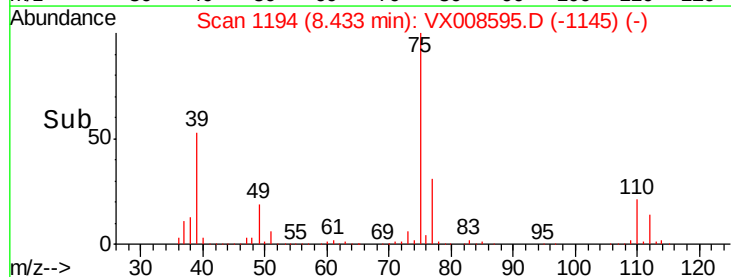
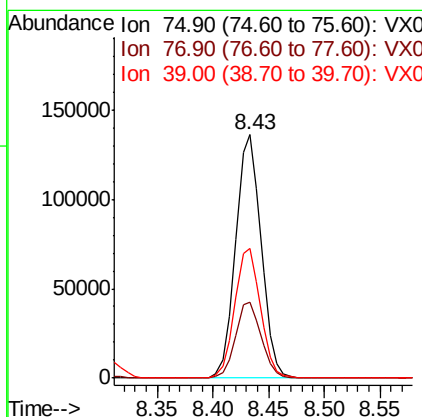
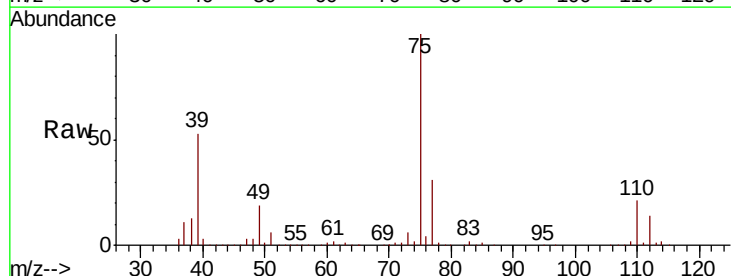
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

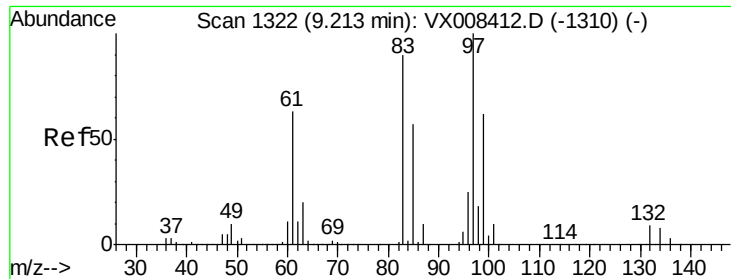
Tot Ion: 75 Resp: 196592
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 52.777 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 75 Resp: 216081
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 52.9 42.4 63.6

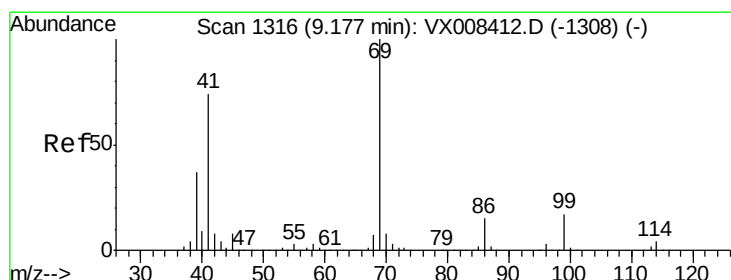
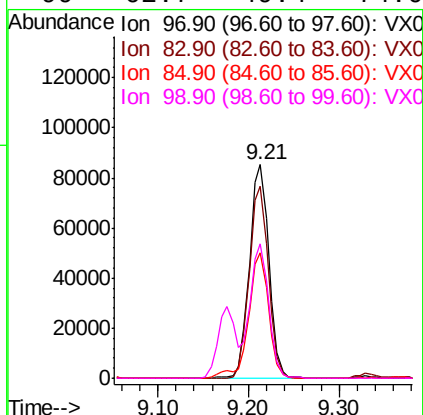
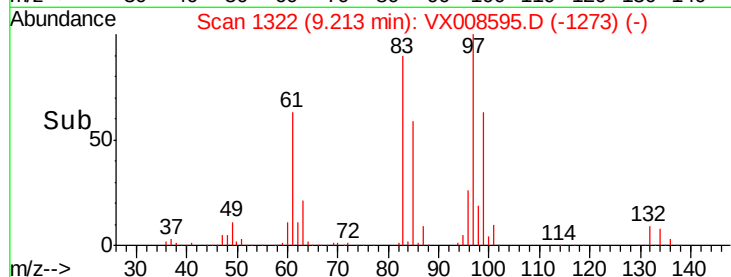
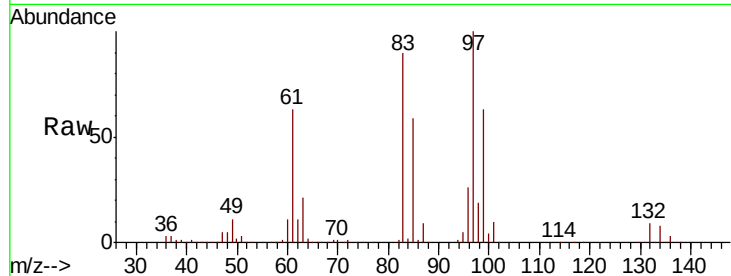




#55
 1,1,2-Trichloroethane
 Concen: 50.355 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

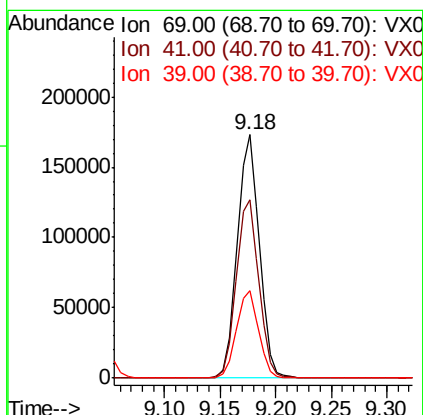
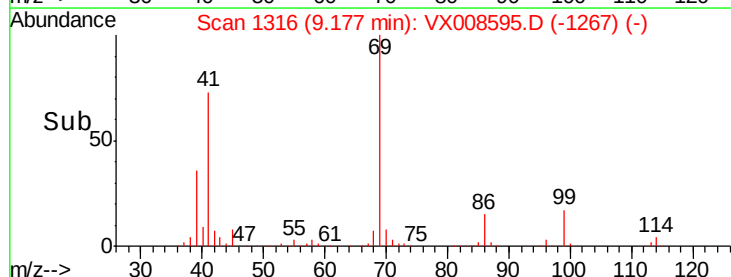
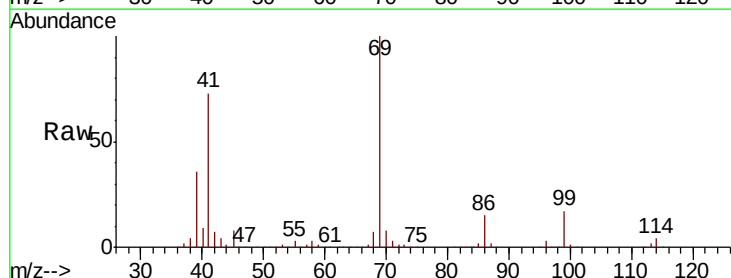
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

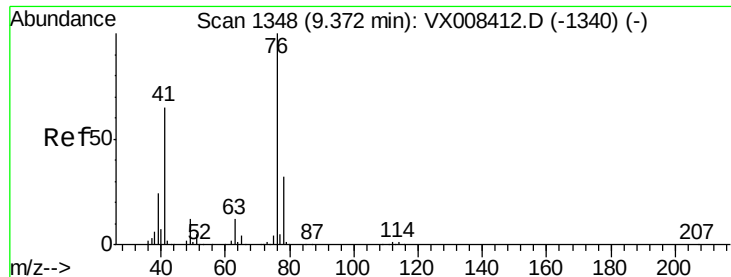
Tot Ion:	97	Resp:	126815
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.8	107.6
85	58.9	45.9	68.9
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 52.124 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion:	69	Resp:	236954
Ion	Ratio	Lower	Upper
69	100		
41	74.7	59.5	89.3
39	36.0	29.3	43.9

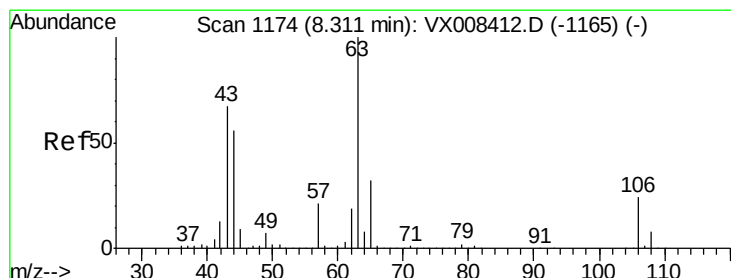
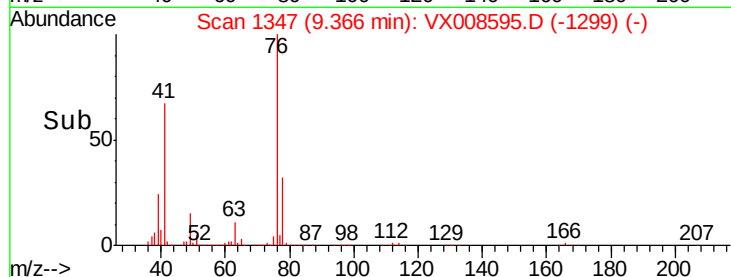
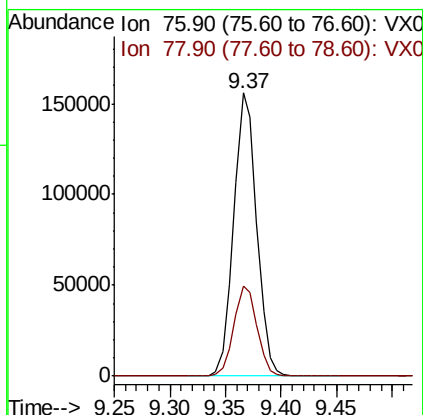
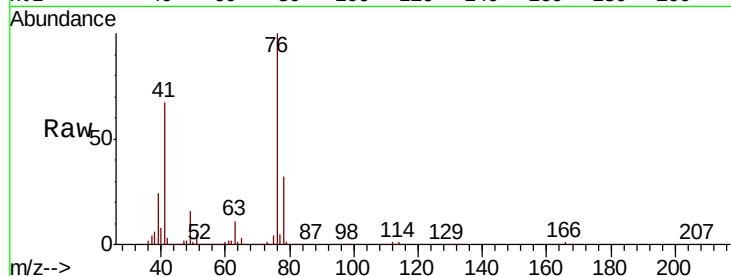




#57
 1,3-Dichloropropane
 Concen: 49.309 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

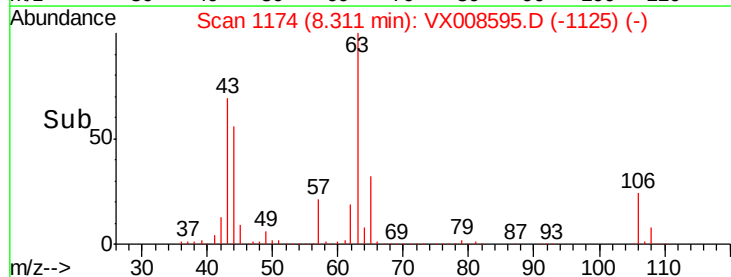
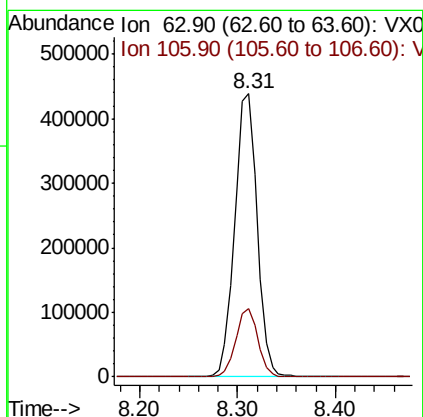
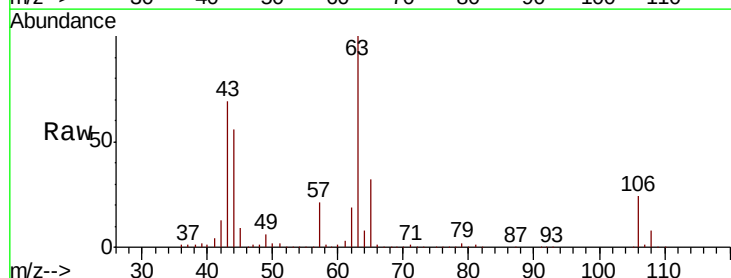
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

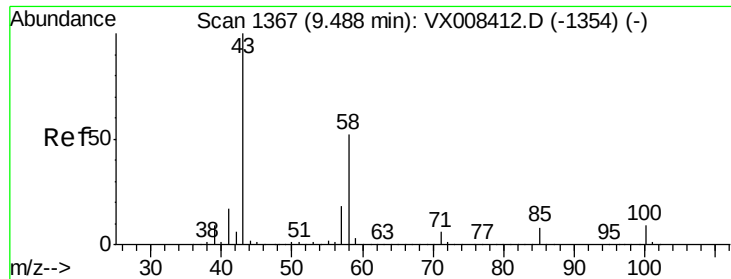
Tot Ion: 76 Resp: 222646
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 297.392 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 63 Resp: 698838
 Ion Ratio Lower Upper
 63 100
 106 23.8 19.0 28.6

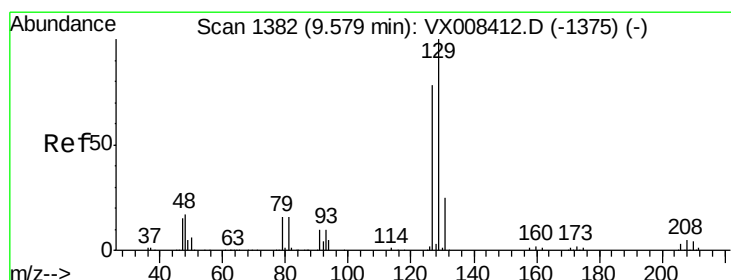
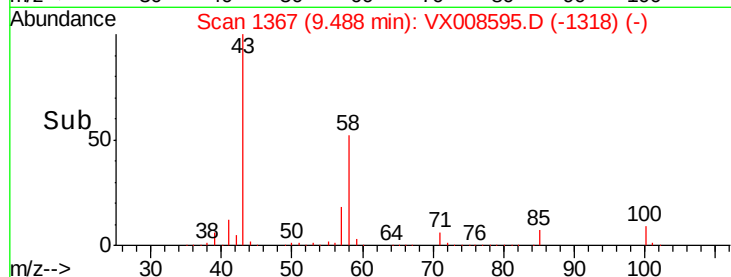
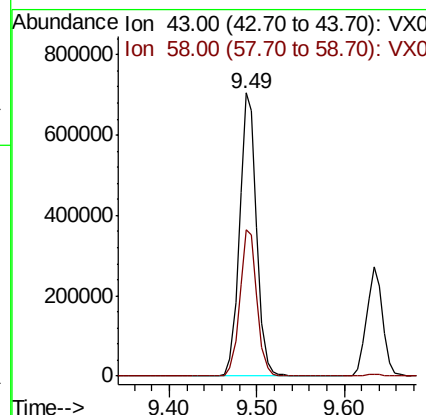
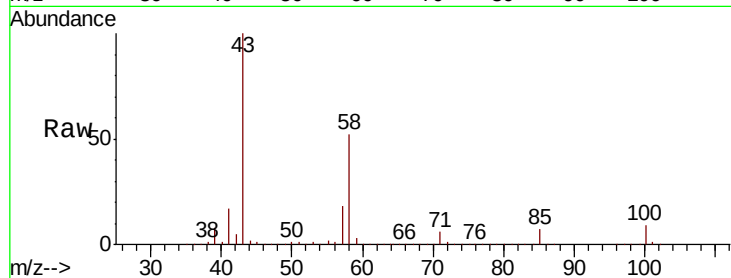




#59
2-Hexanone
Concen: 265.754 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

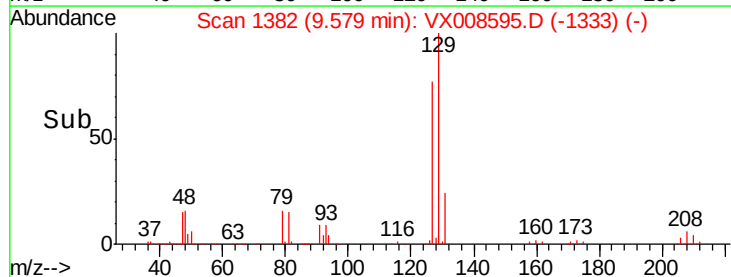
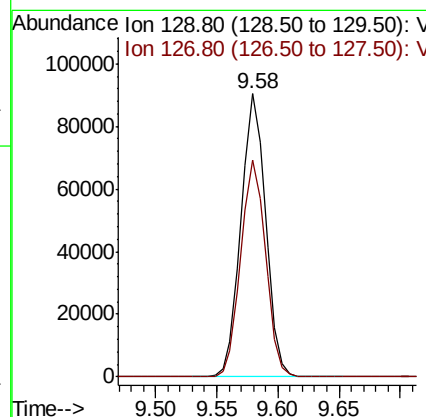
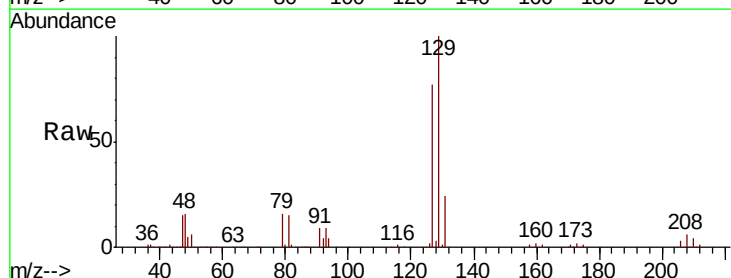
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

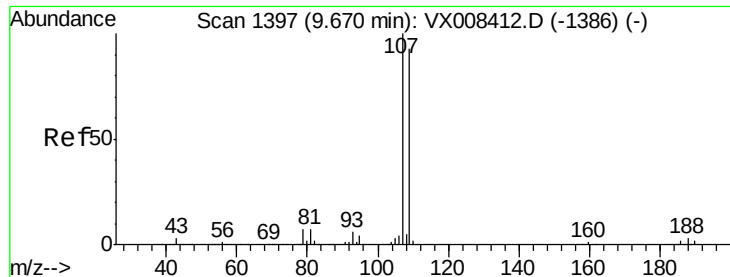
Tot Ion: 43 Resp: 957855
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 52.632 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 129 Resp: 126058
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.195 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

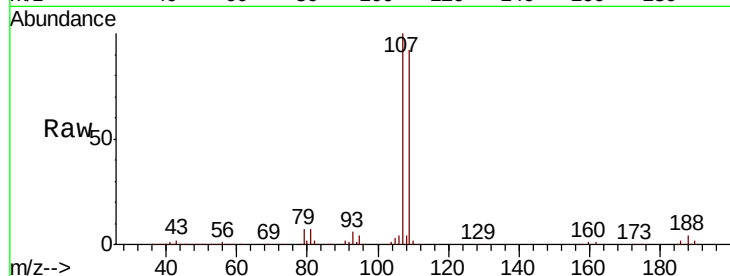
VSTDCCC050

Tot Ion: 107 Resp: 129007

Ion Ratio Lower Upper

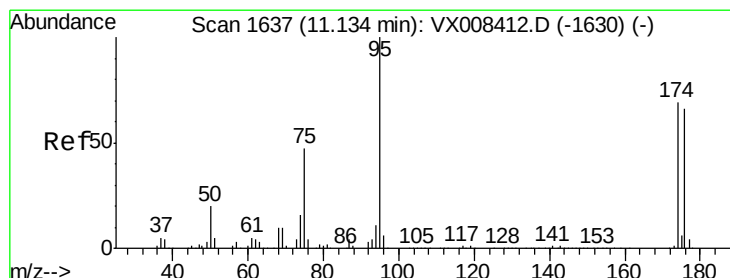
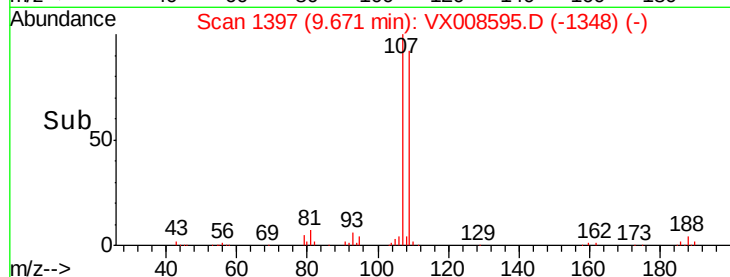
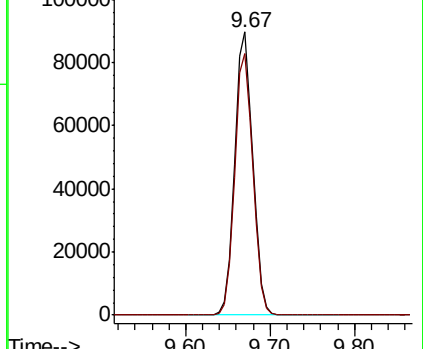
107 100

109 93.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.520 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

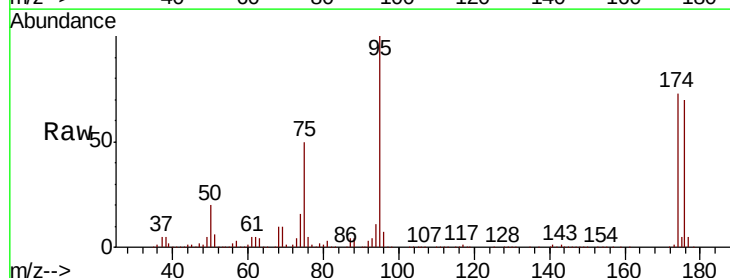
Tgt Ion: 95 Resp: 133166

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

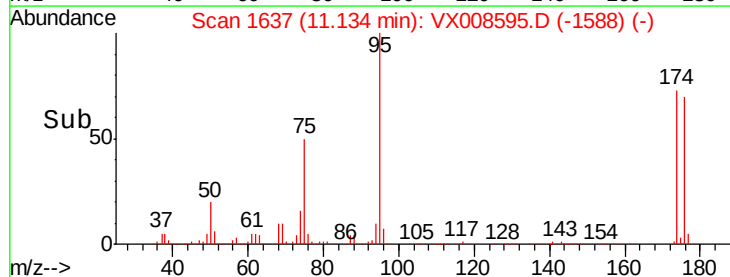
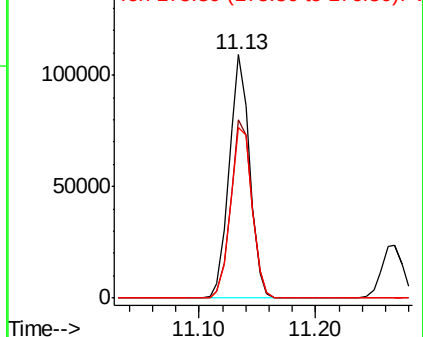
176 74.6 0.0 142.4

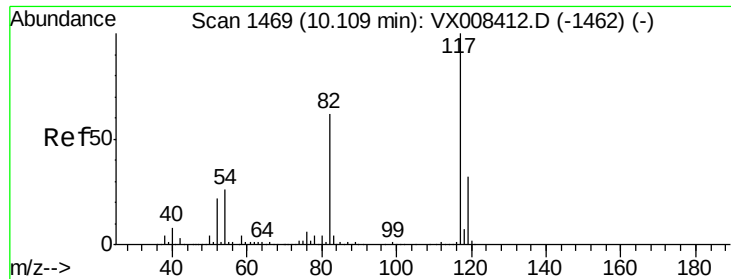


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

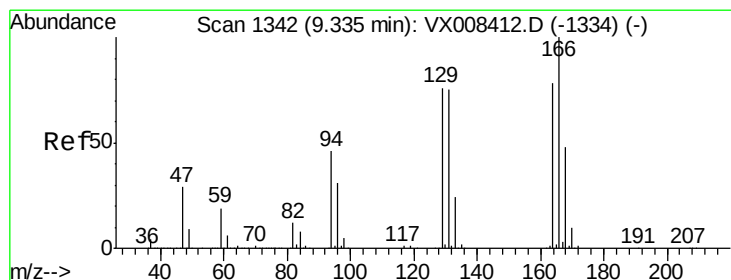
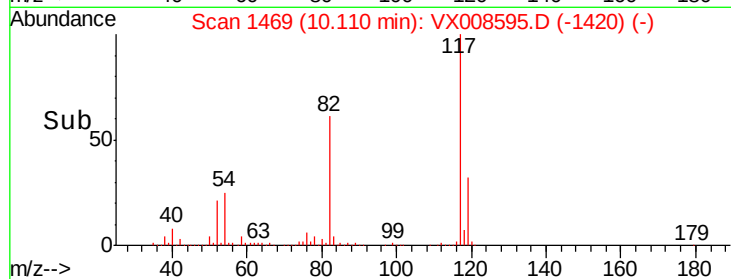
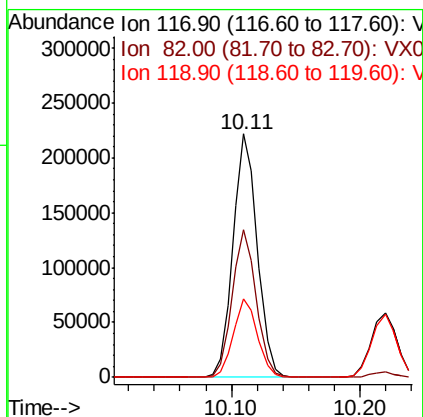
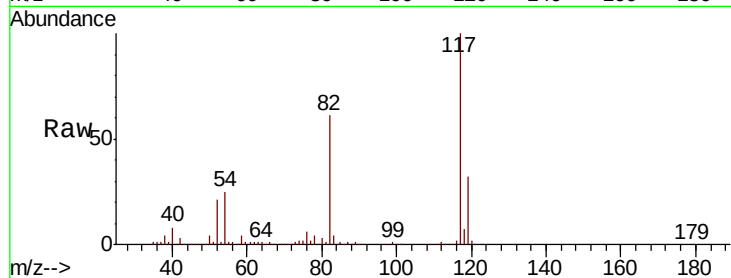




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

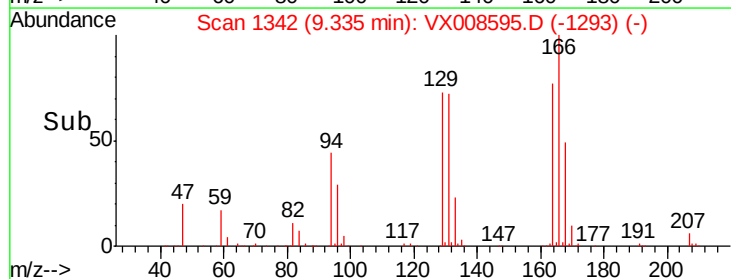
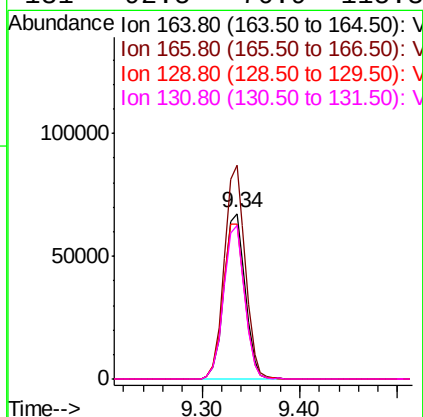
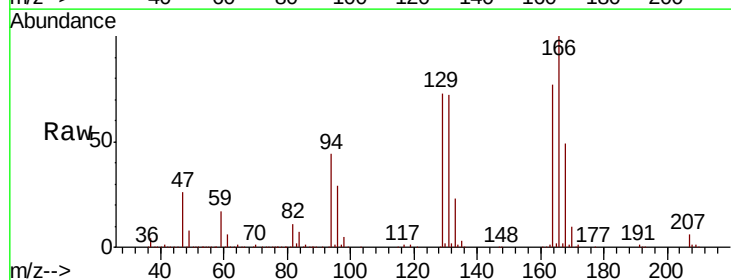
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

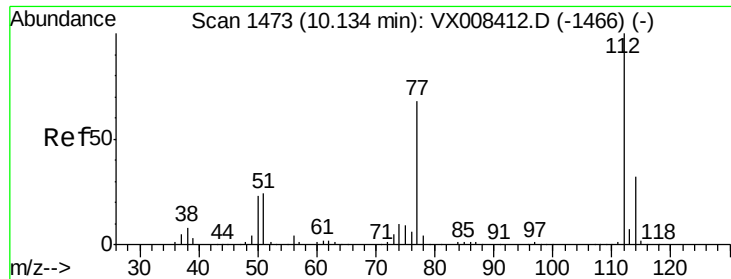
Tot Ion:117 Resp: 291213
Ion Ratio Lower Upper
117 100
82 60.6 49.4 74.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 51.107 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:164 Resp: 100758
Ion Ratio Lower Upper
164 100
166 129.1 102.5 153.7
129 94.0 77.8 116.8
131 92.5 76.9 115.3

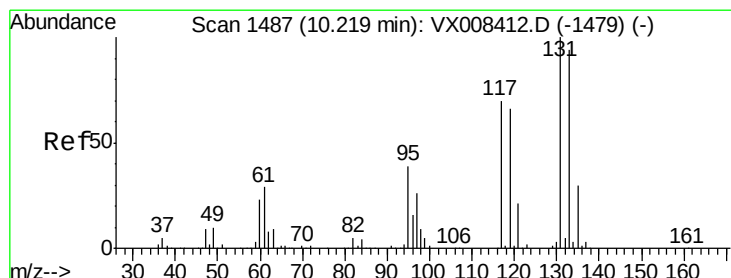
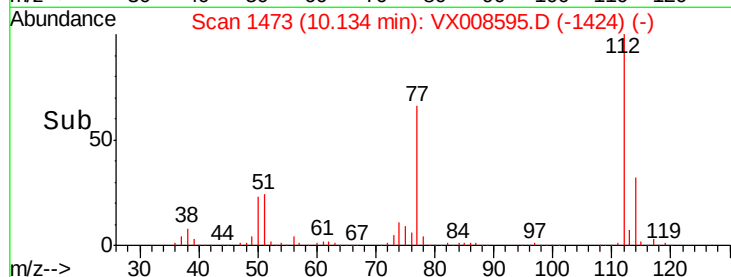
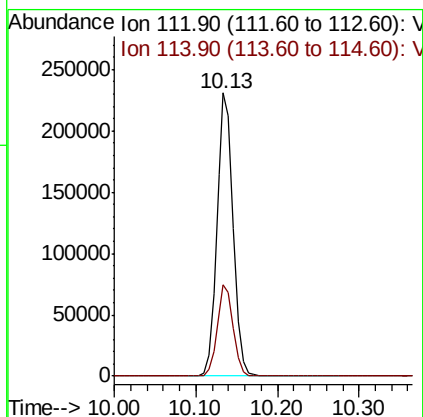
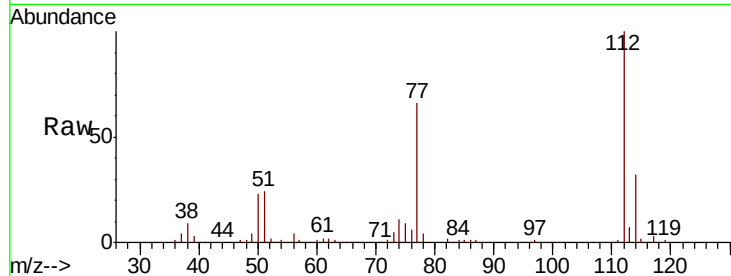




#65
Chlorobenzene
Concen: 50.666 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

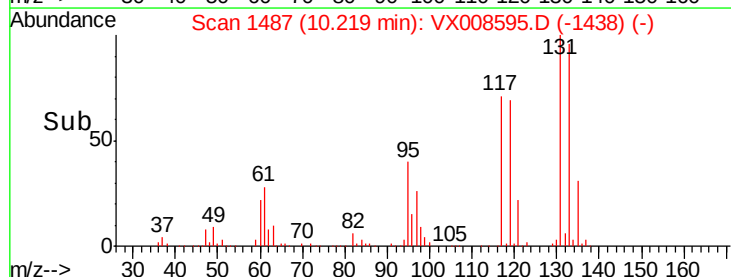
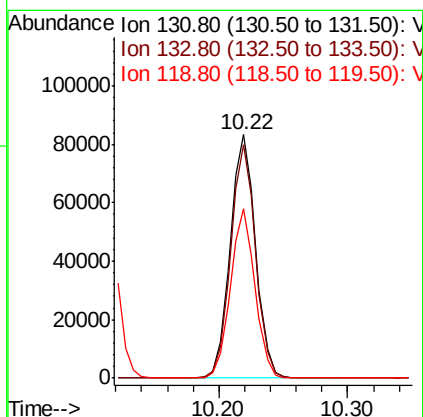
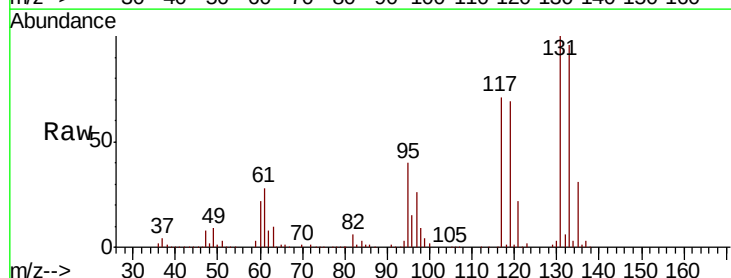
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

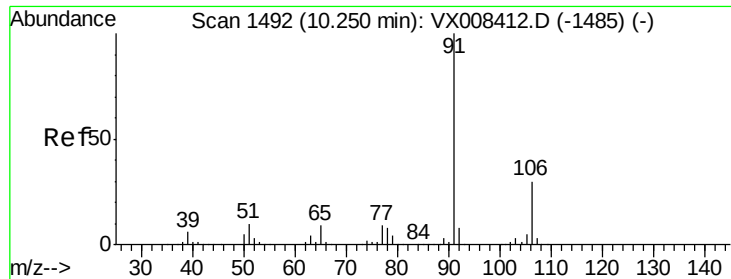
Tot Ion:112 Resp: 320869
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.141 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:131 Resp: 113926
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 67.5 33.6 100.6





#67

Ethyl Benzene

Concen: 50.574 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

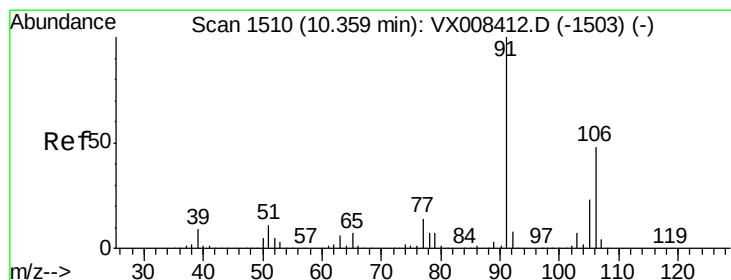
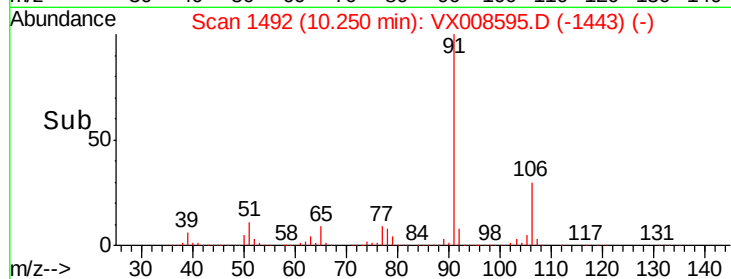
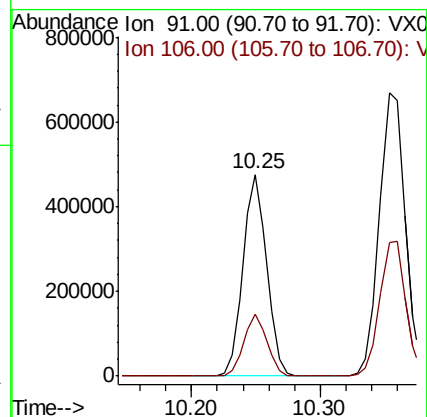
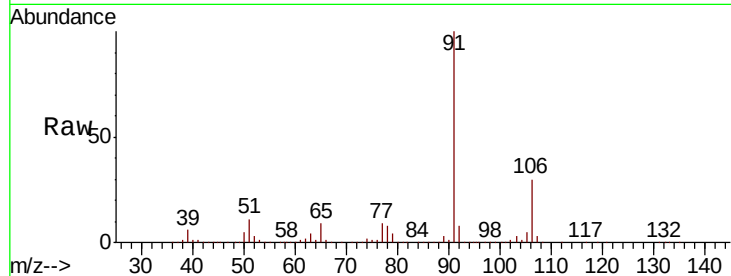
VSTDCCC050

Tot Ion: 91 Resp: 604469

Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0



#68

m/p-Xylenes

Concen: 101.568 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008595.D

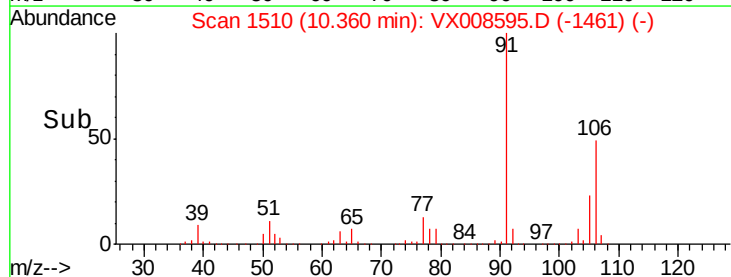
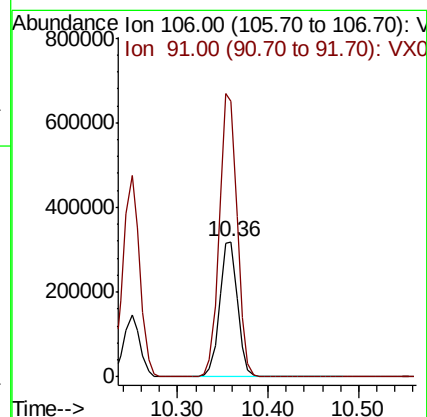
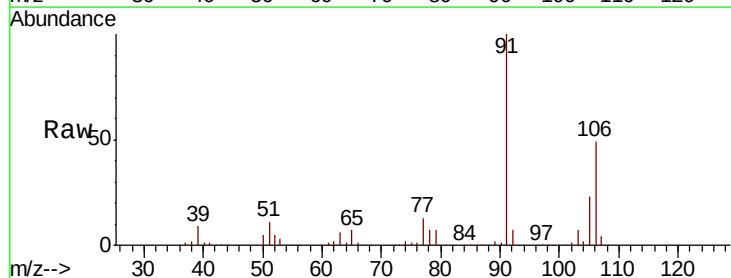
Acq: 02 Apr 2019 16:06

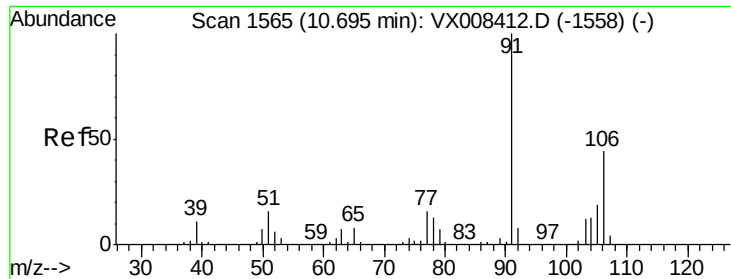
Tgt Ion: 106 Resp: 441635

Ion Ratio Lower Upper

106 100

91 209.3 168.6 253.0

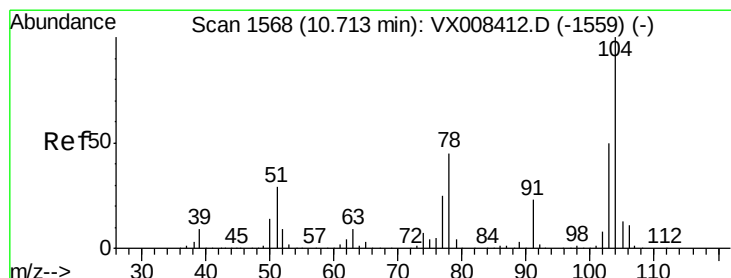
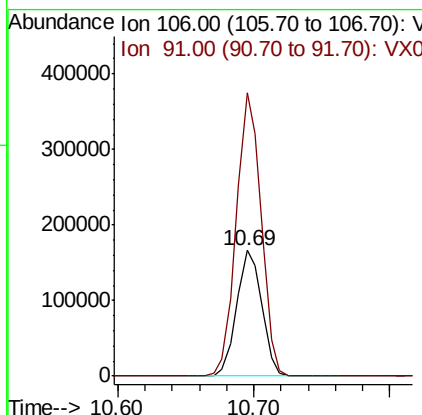
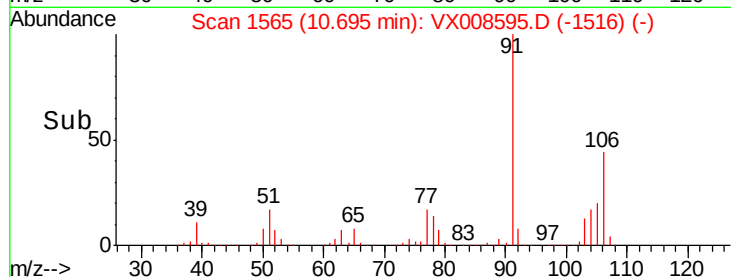
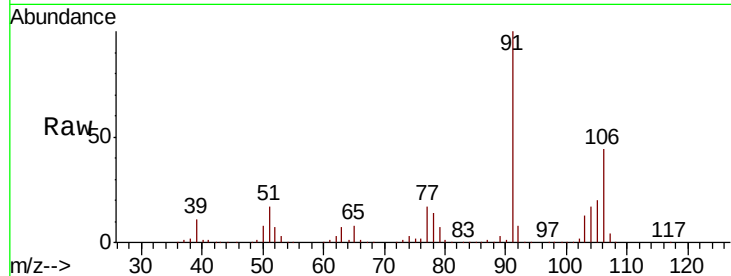




#69
o-Xylene
Concen: 50.753 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

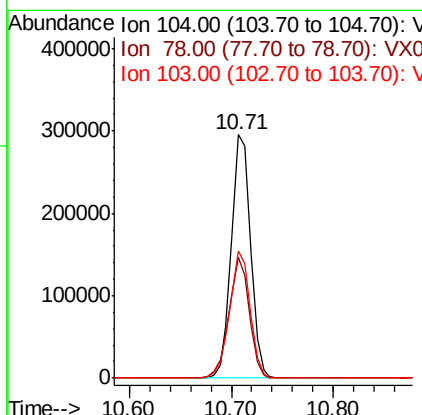
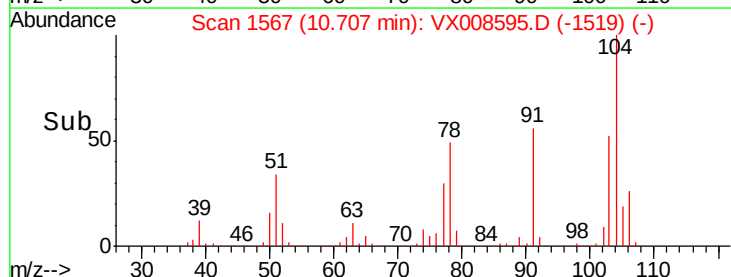
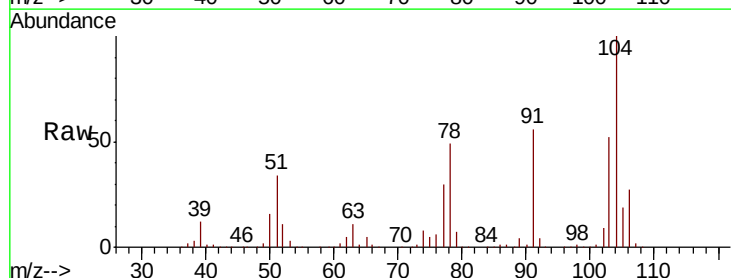
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

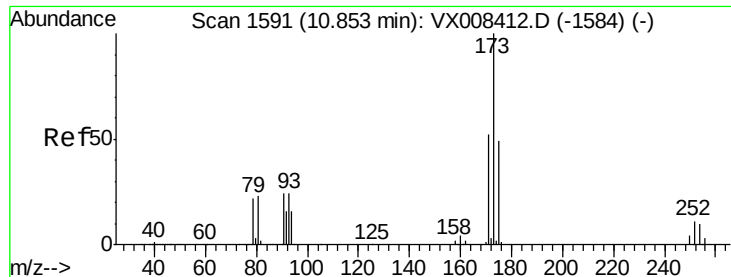
Tot Ion:106 Resp: 214157
Ion Ratio Lower Upper
106 100
91 222.7 111.4 334.2



#70
Styrene
Concen: 52.557 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:104 Resp: 383071
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 55.2 44.2 66.4





#71

Bromoform

Concen: 54.792 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

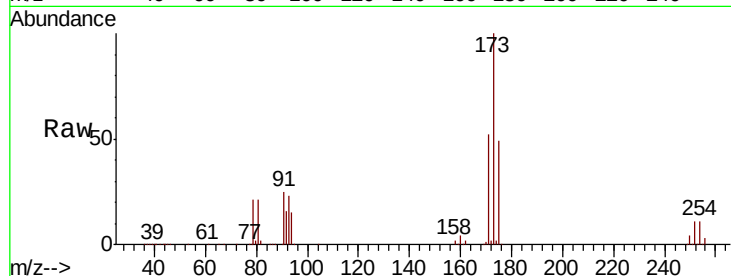
Tot Ion:173 Resp: 94544

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

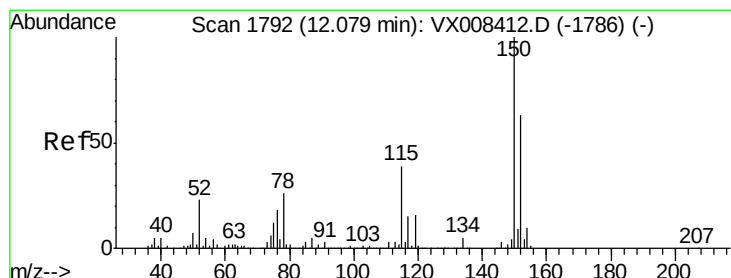
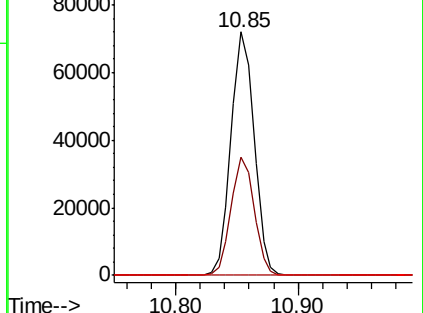
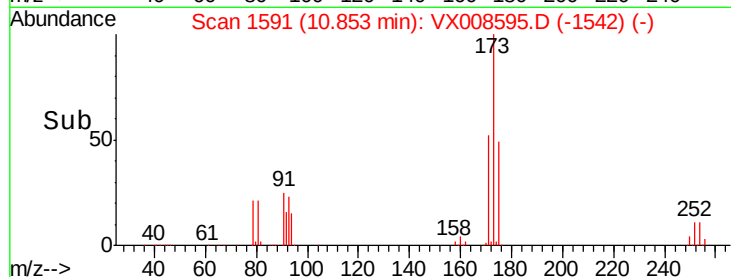
254 0.2 0.2 0.2



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: VX008595.D

Acq: 02 Apr 2019 16:06

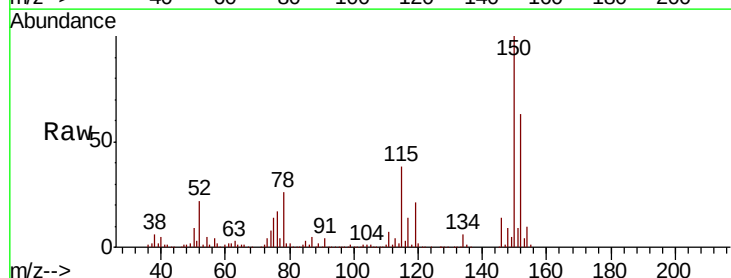
Tgt Ion:152 Resp: 145120

Ion Ratio Lower Upper

152 100

115 86.9 43.5 130.5

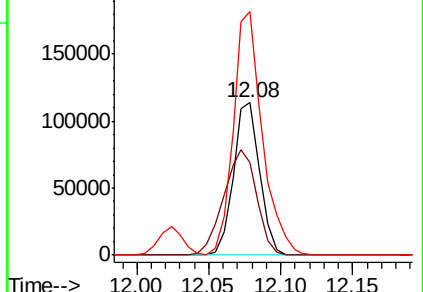
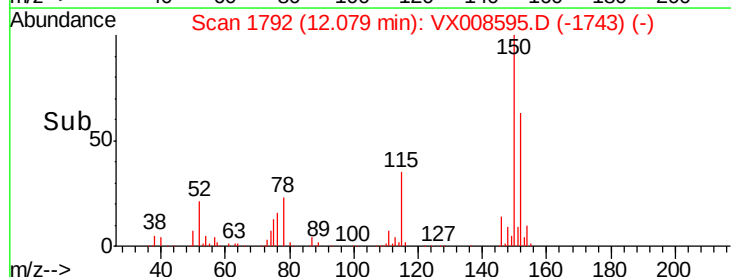
150 176.1 0.0 348.8

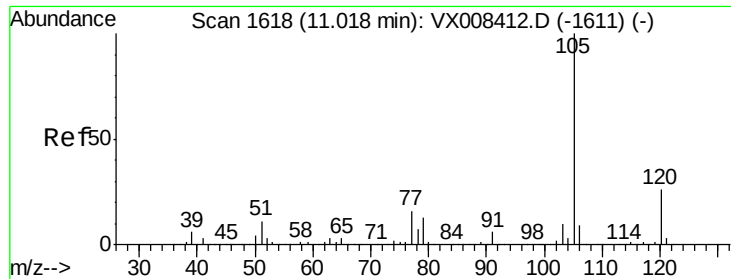


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.020 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

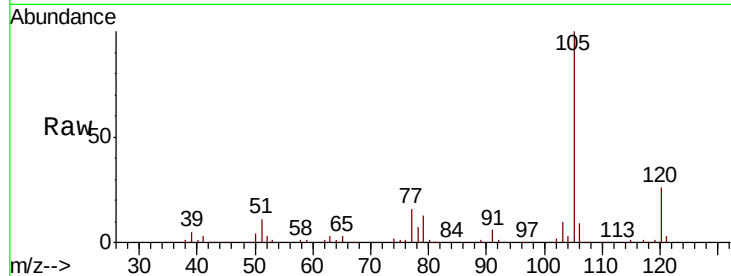
VSTDCCC050

Tot Ion:105 Resp: 578740

Ion Ratio Lower Upper

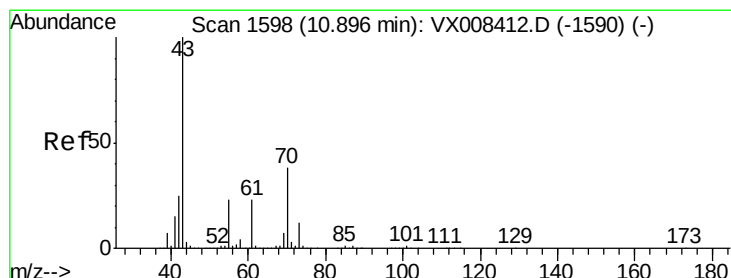
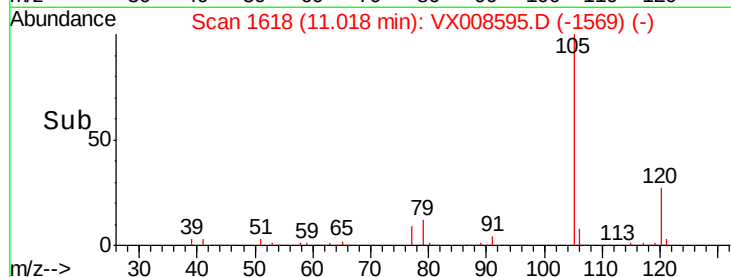
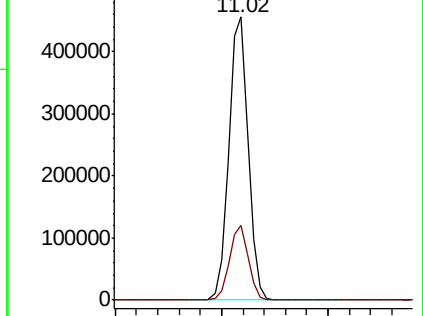
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.095 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Tgt Ion: 43 Resp: 342330

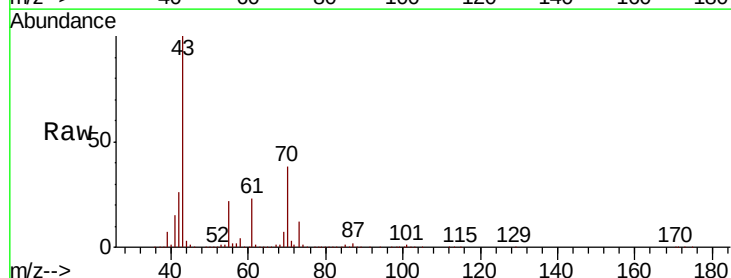
Ion Ratio Lower Upper

43 100

70 37.4 30.5 45.7

55 22.6 18.2 27.2

61 22.7 18.4 27.6

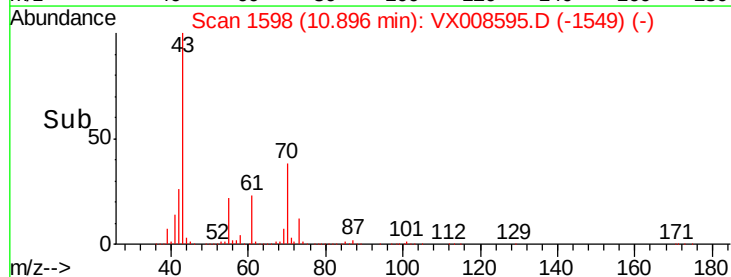
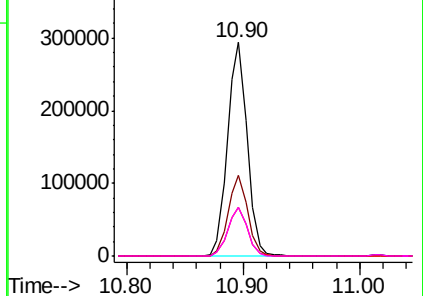


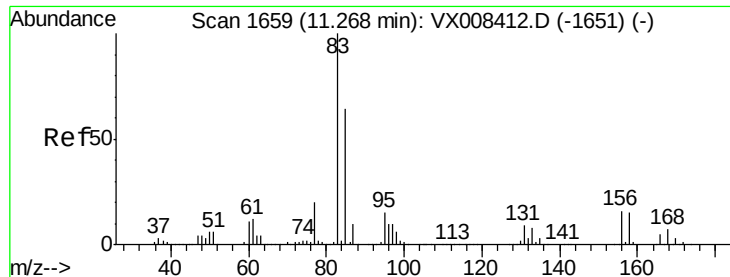
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.105 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

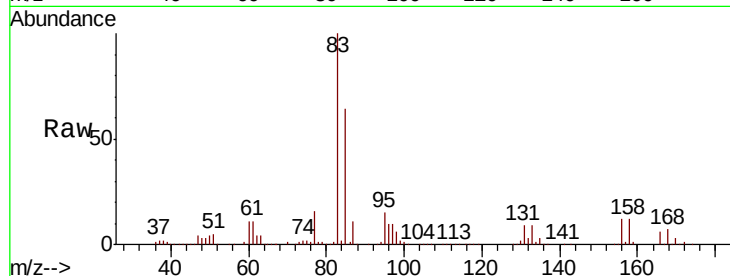
Tot Ion: 83 Resp: 215778

Ion Ratio Lower Upper

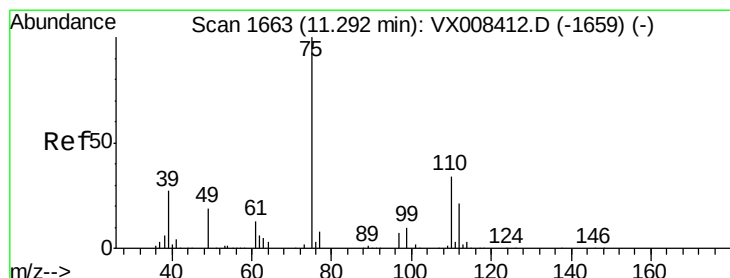
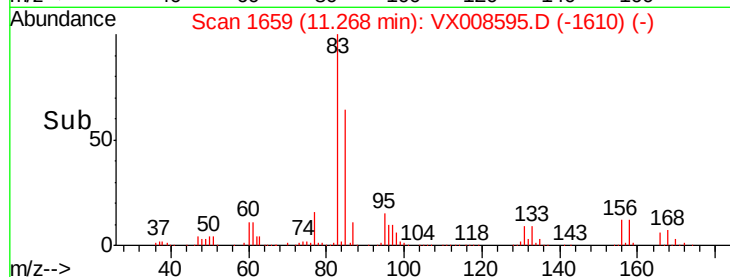
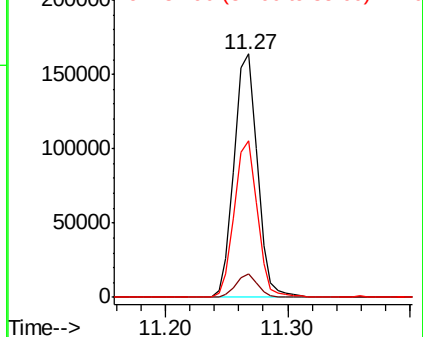
83 100

131 9.1 4.5 13.4

85 63.7 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: 59.074 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008595.D

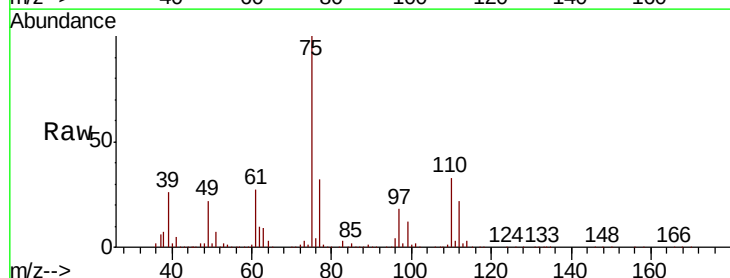
Acq: 02 Apr 2019 16:06

Tgt Ion: 75 Resp: 254862

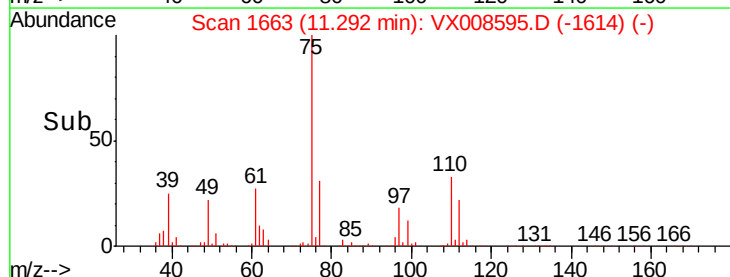
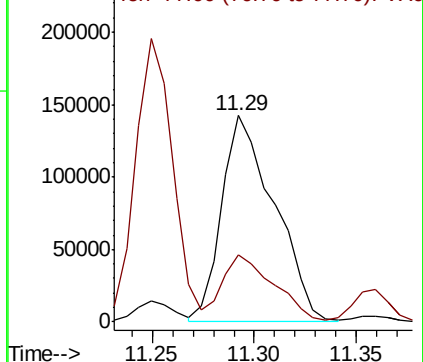
Ion Ratio Lower Upper

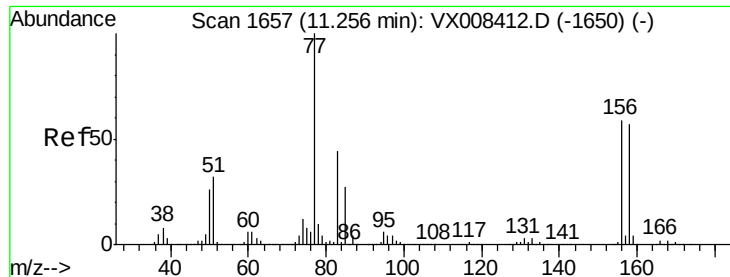
75 100

77 31.8 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.816 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

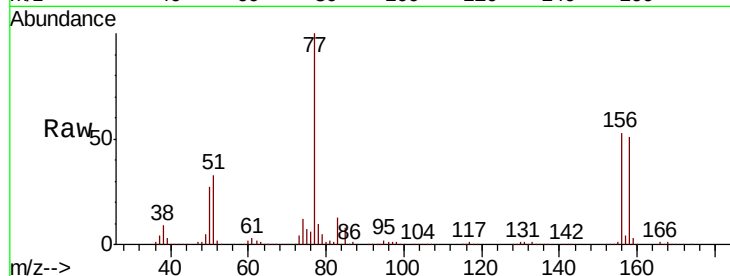
Tot Ion:156 Resp: 137011

Ion Ratio Lower Upper

156 100

77 181.2 91.1 273.3

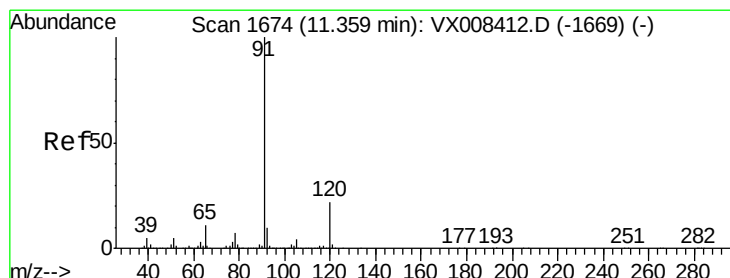
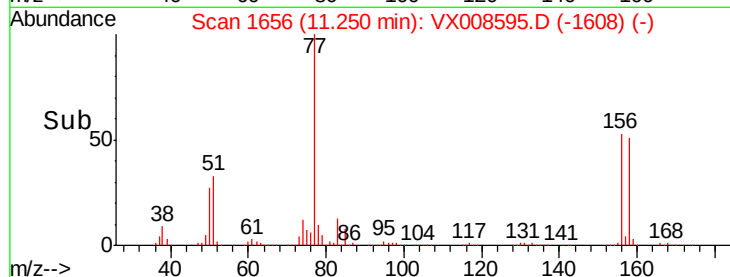
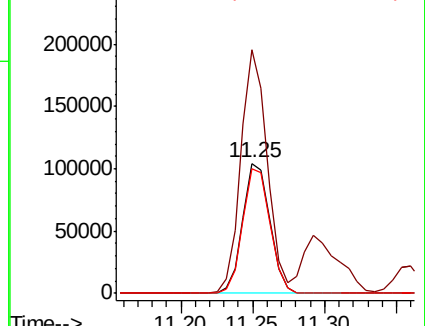
158 96.7 48.3 144.8



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: 50.315 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008595.D

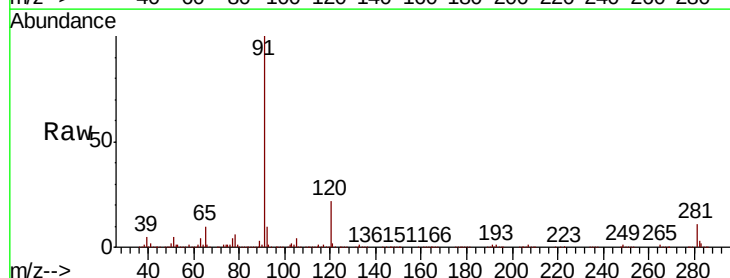
Acq: 02 Apr 2019 16:06

Tgt Ion: 91 Resp: 695873

Ion Ratio Lower Upper

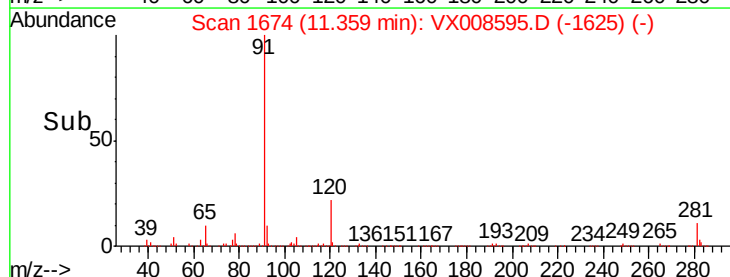
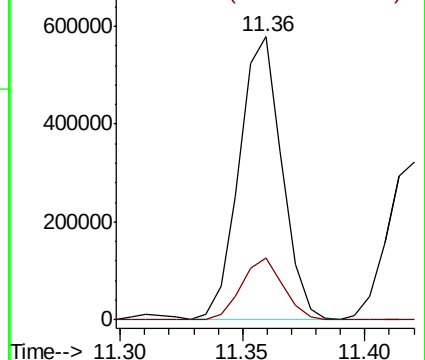
91 100

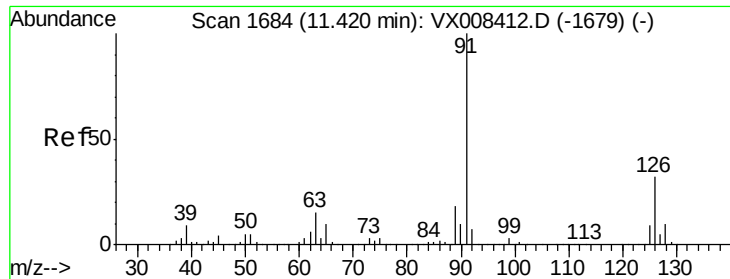
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

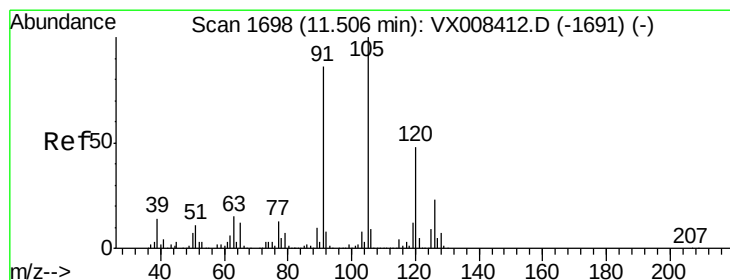
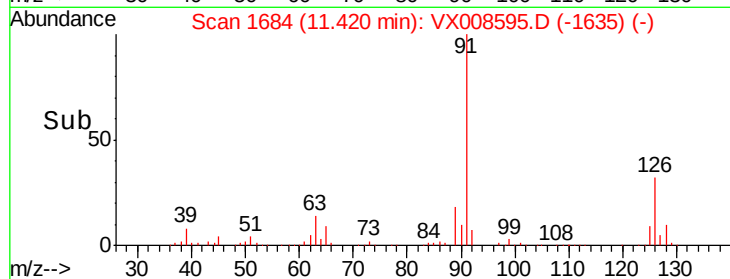
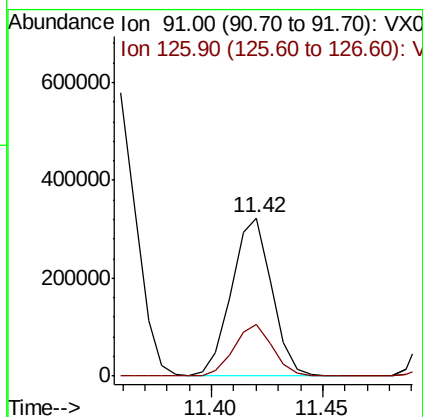
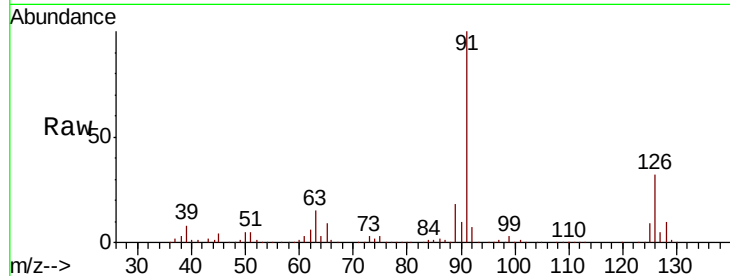




#79
 2-Chlorotoluene
 Concen: 47.999 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

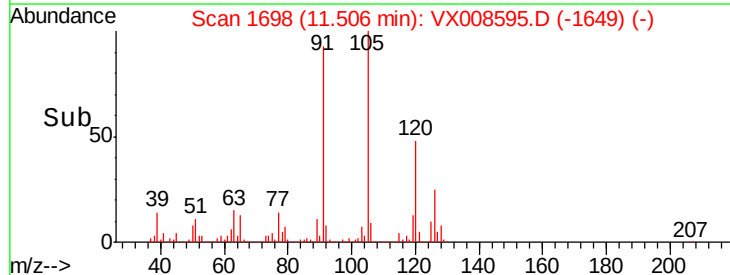
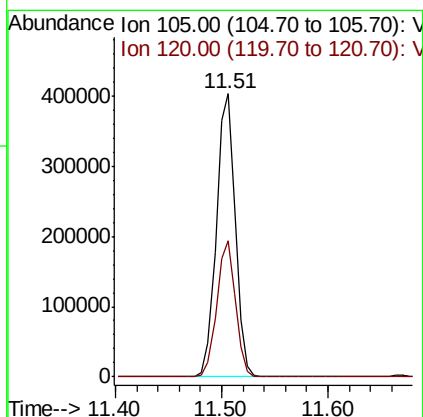
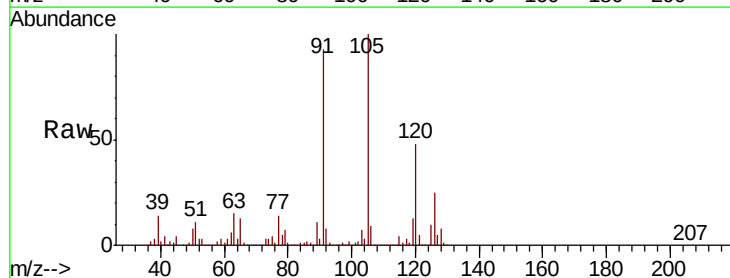
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

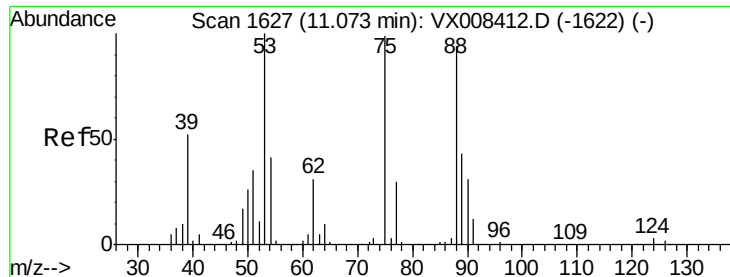
Tot Ion: 91 Resp: 403766
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.369 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 105 Resp: 492761
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.3

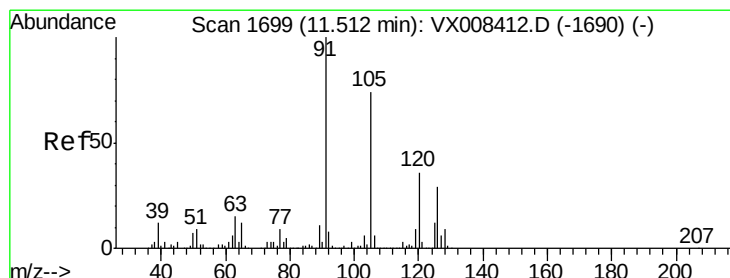
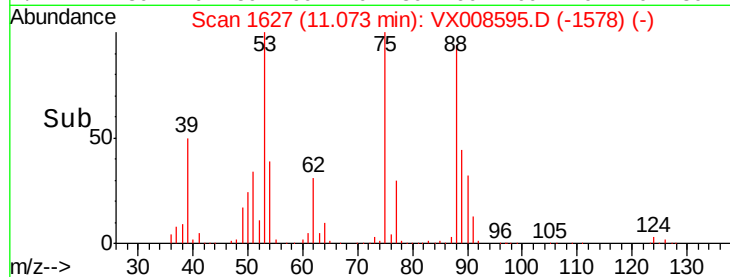
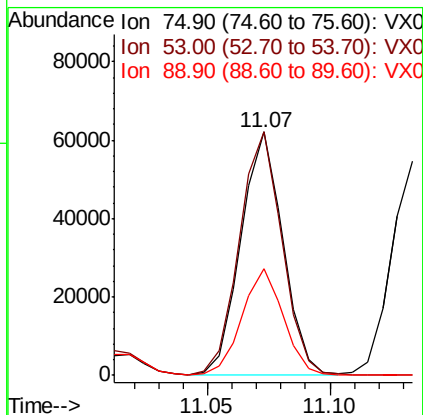
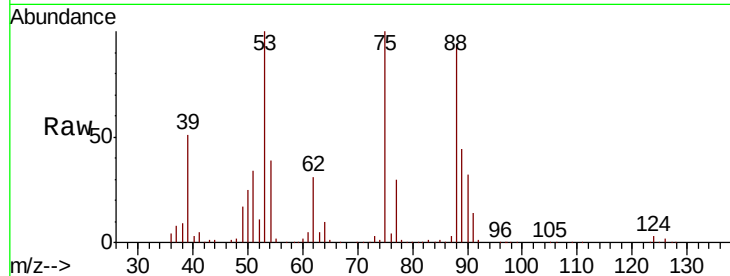




#81
trans-1,4-Dichloro-2-butene
Concen: 54.551 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

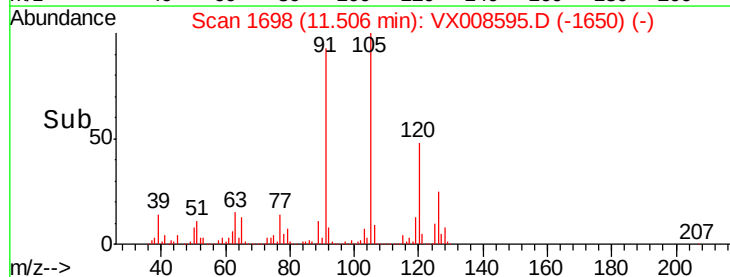
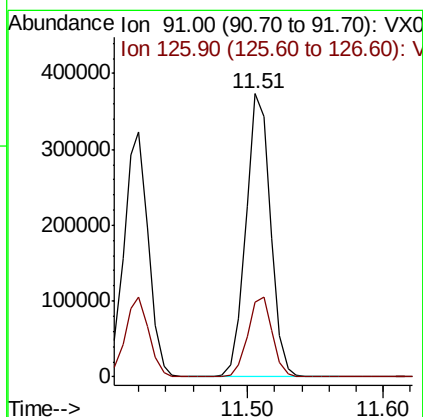
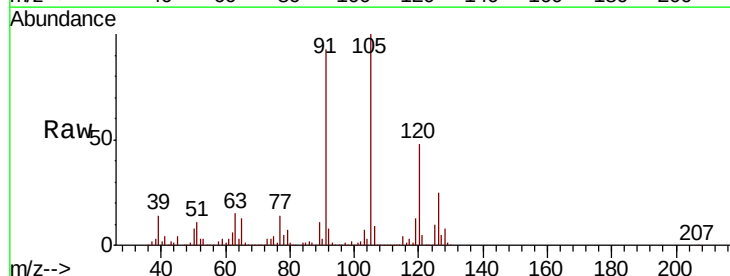
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

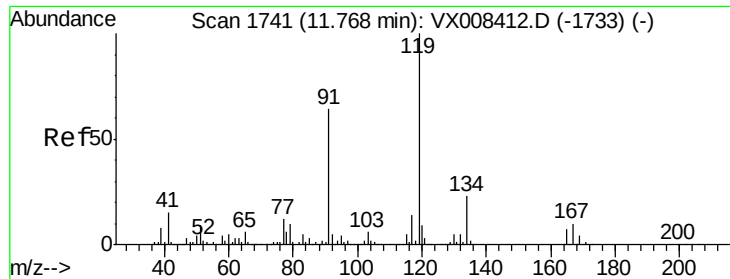
Tot Ion: 75 Resp: 73481
Ion Ratio Lower Upper
75 100
53 102.1 82.1 123.1
89 43.4 34.6 52.0



#82
4-Chlorotoluene
Concen: 48.426 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 91 Resp: 469891
Ion Ratio Lower Upper
91 100
126 28.4 13.9 41.7

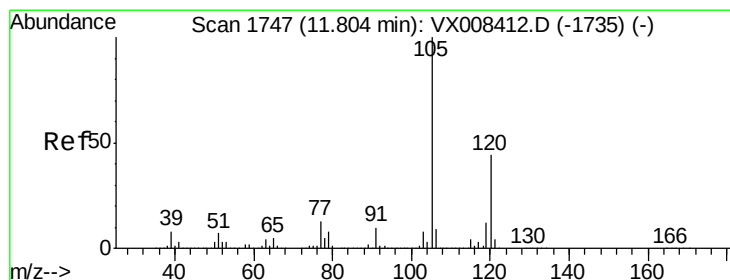
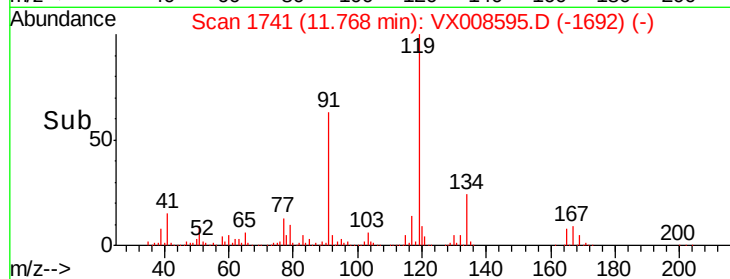
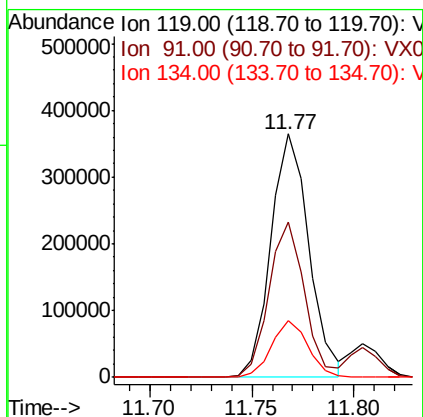
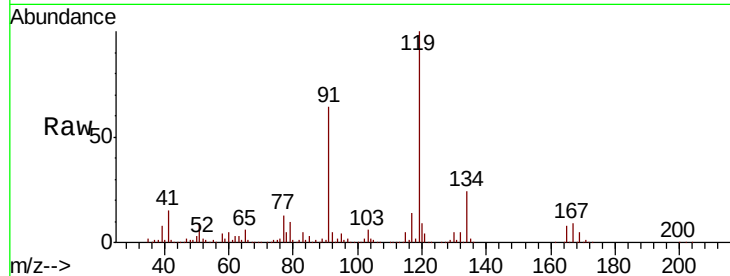




#83
 tert-Butylbenzene
 Concen: 49.366 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

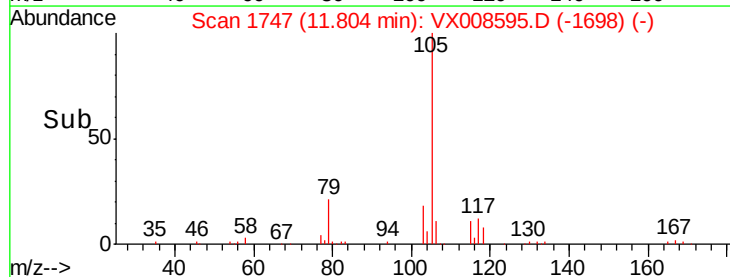
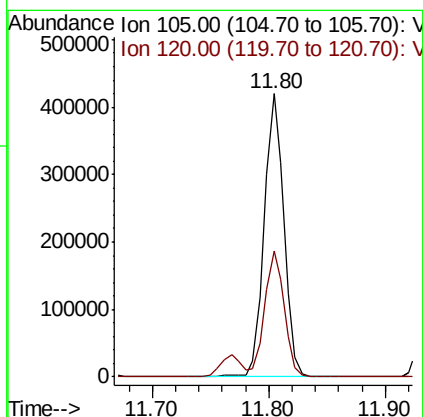
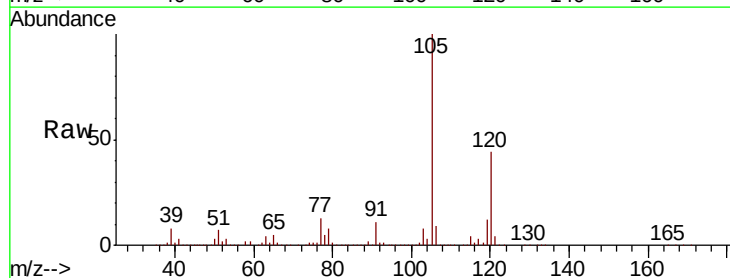
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

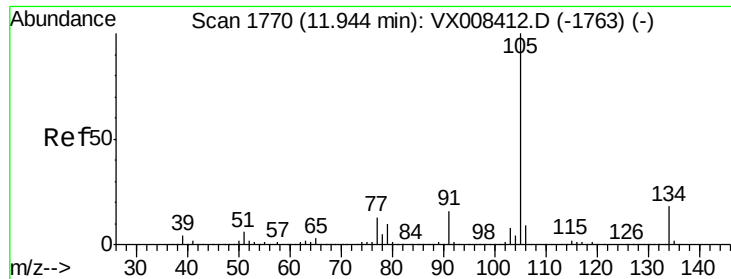
Tot Ion:119 Resp: 475390
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.1 90.3
 134 22.4 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.017 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion:105 Resp: 494852
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.6 65.0





#85

sec-Butylbenzene

Concen: 50.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

Instrument :

MSVOA_X

ClientSampleId :

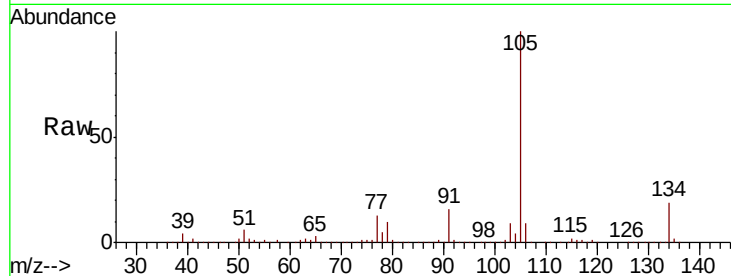
VSTDCCC050

Tot Ion:105 Resp: 578568

Ion Ratio Lower Upper

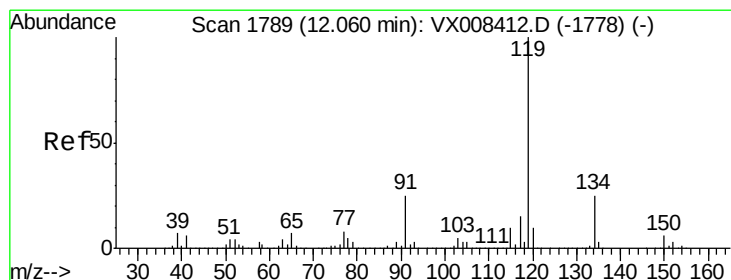
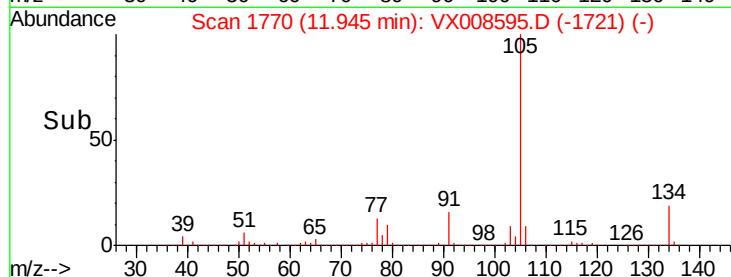
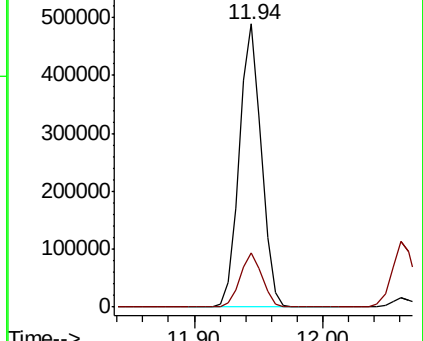
105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.565 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008595.D

Acq: 02 Apr 2019 16:06

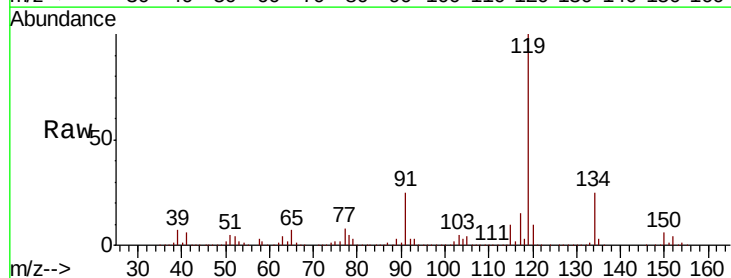
Tgt Ion:119 Resp: 521797

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

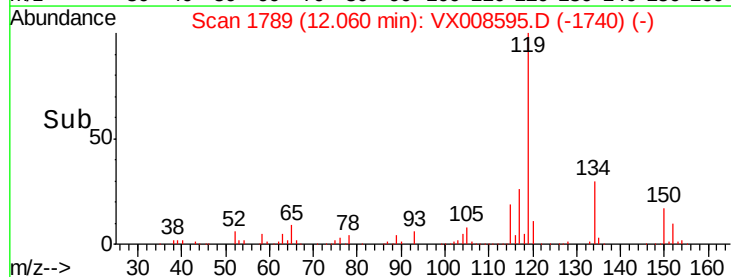
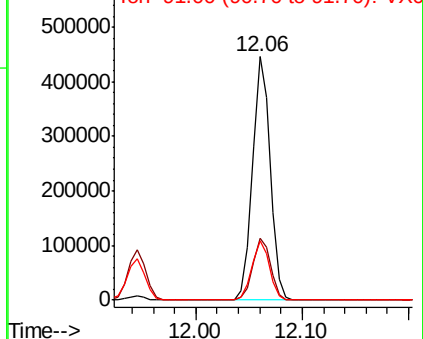
91 24.2 12.4 37.0

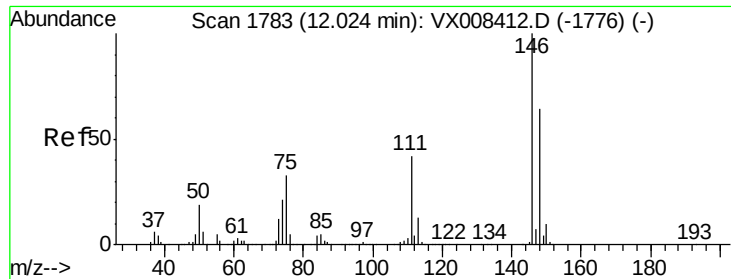


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

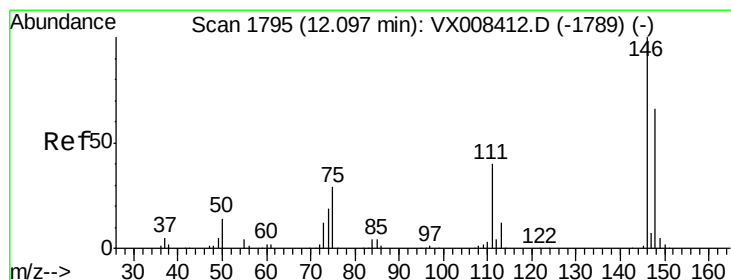
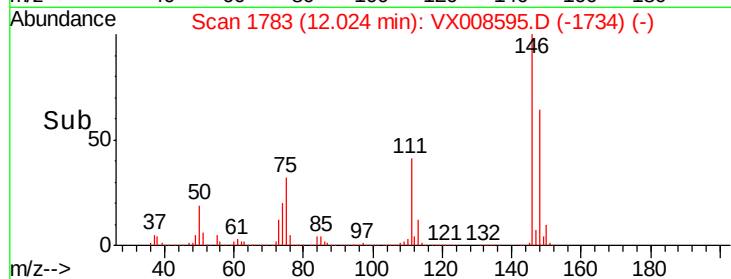
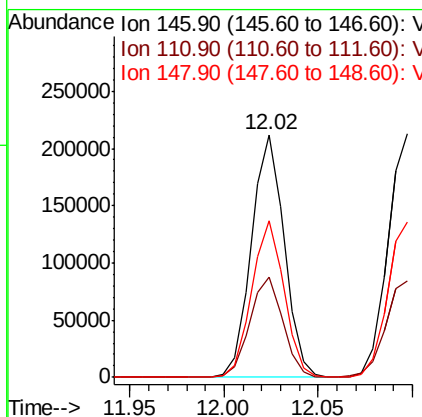
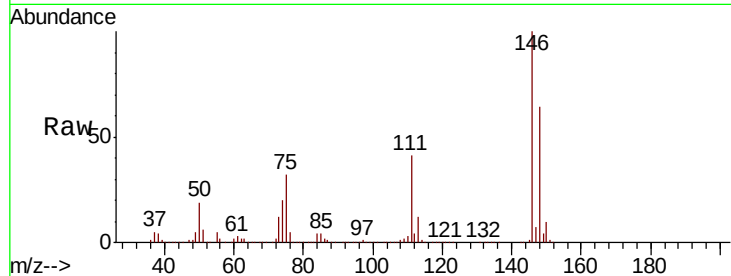




#87
 1,3-Dichlorobenzene
 Concen: 49.876 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

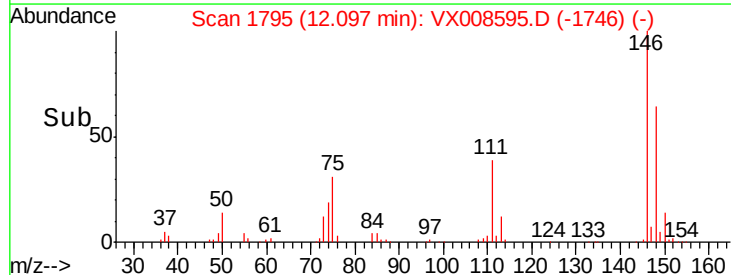
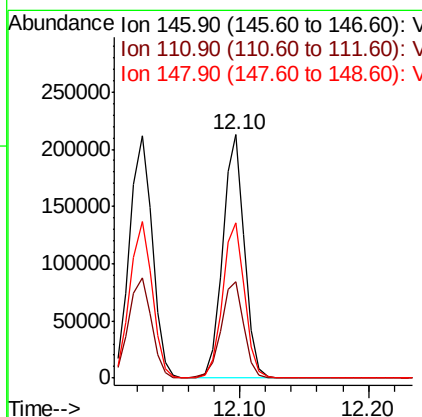
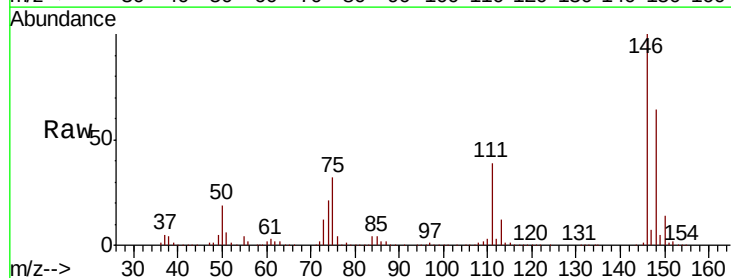
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

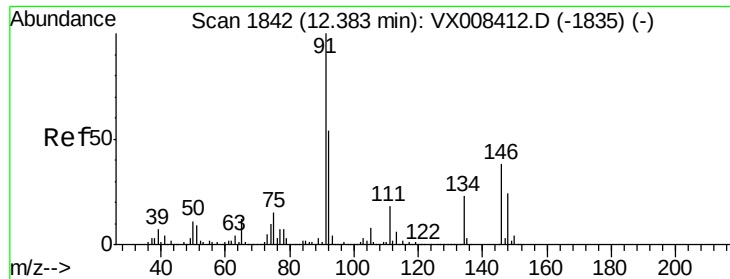
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.5
148	63.8	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.734 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	64.8	32.1	96.5

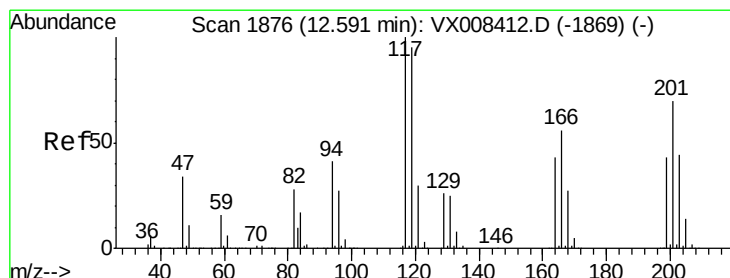
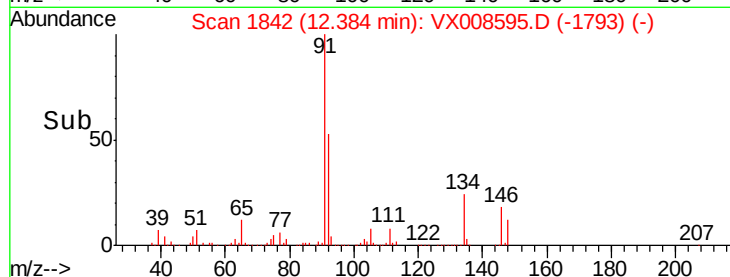
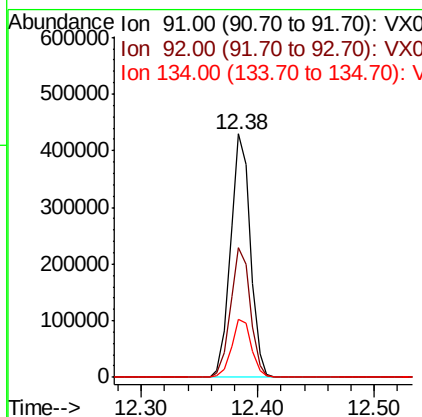
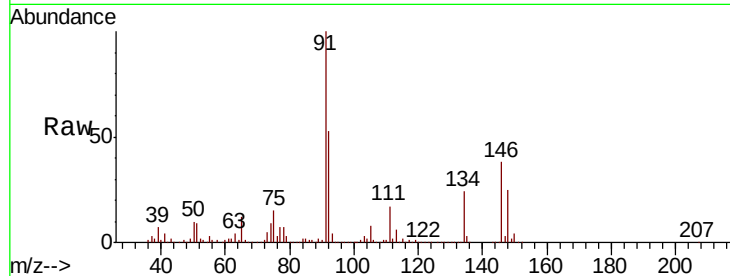




#89
n-Butylbenzene
Concen: 52.805 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

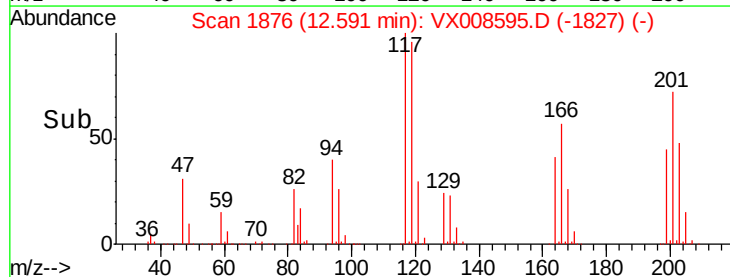
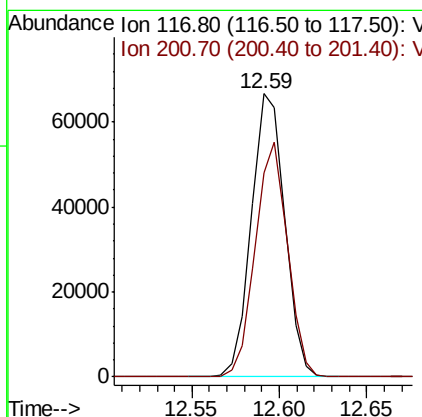
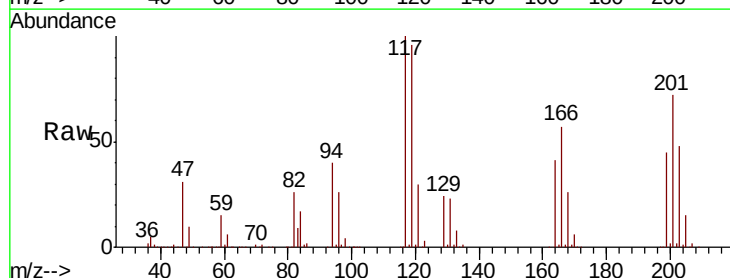
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

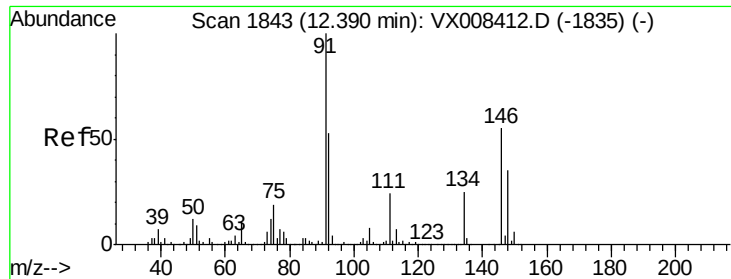
Tot Ion: 91 Resp: 506178
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 24.1 11.8 35.4



#90
Hexachloroethane
Concen: 52.586 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion: 117 Resp: 88649
Ion Ratio Lower Upper
117 100
201 79.7 39.4 118.1

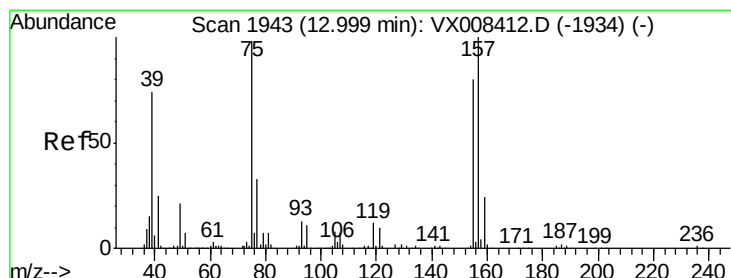
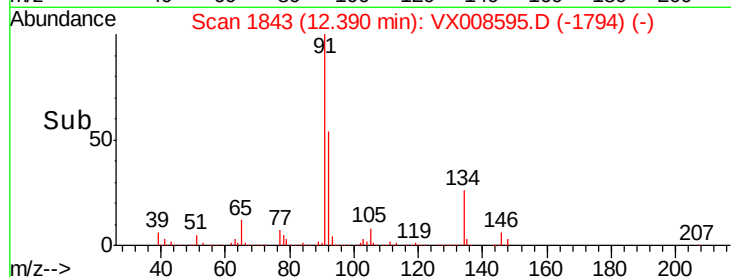
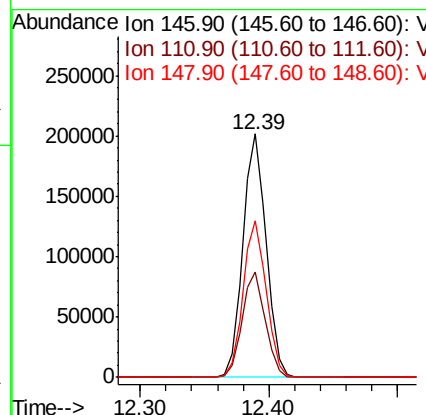
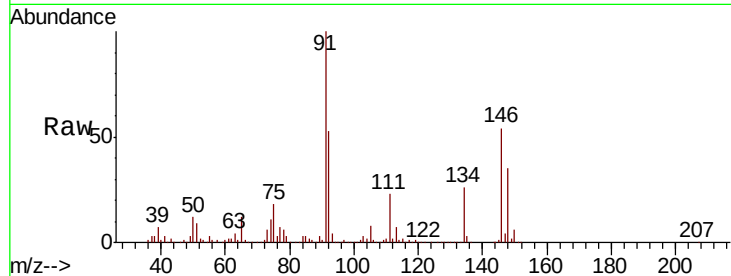




#91
 1,2-Dichlorobenzene
 Concen: 49.054 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

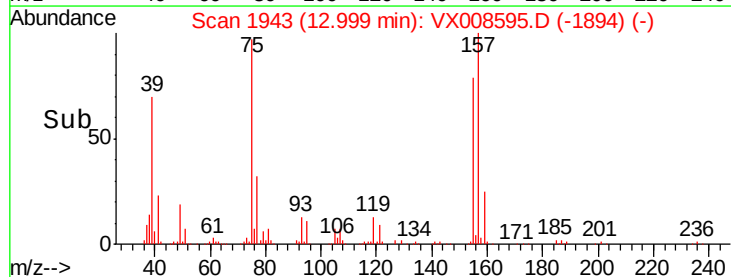
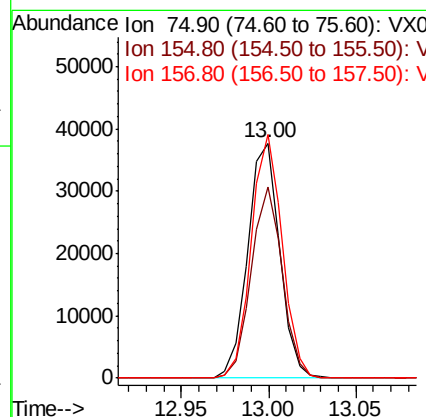
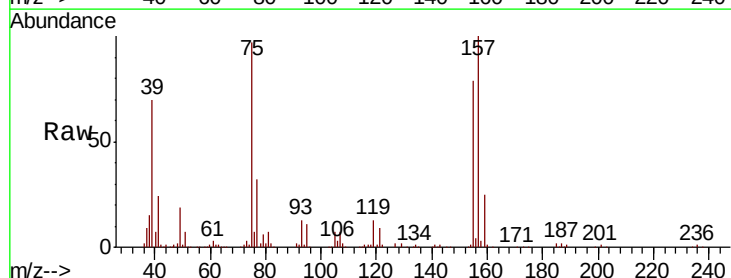
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

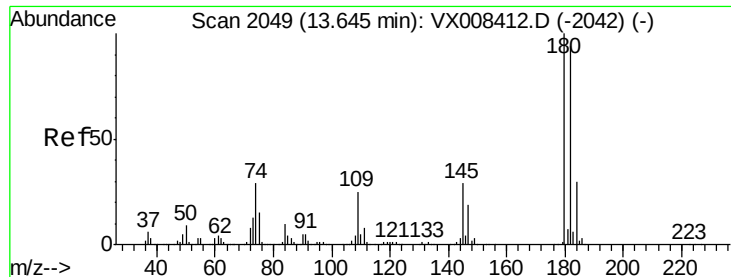
Tot Ion:146 Resp: 251491
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.855 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion: 75 Resp: 47798
 Ion Ratio Lower Upper
 75 100
 155 79.3 39.5 118.5
 157 100.6 49.9 149.7

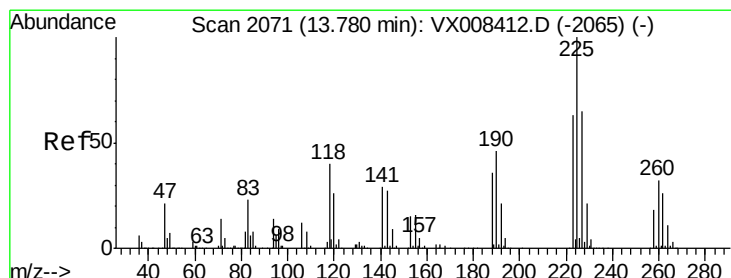
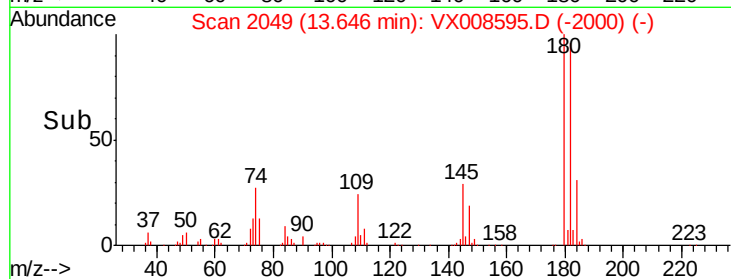
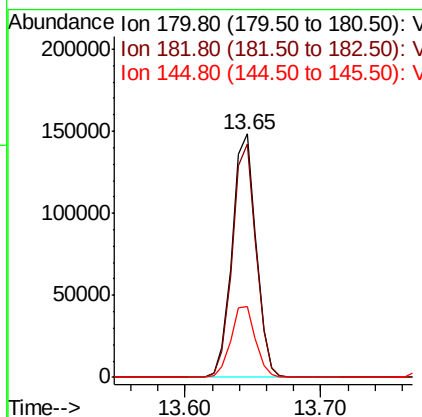
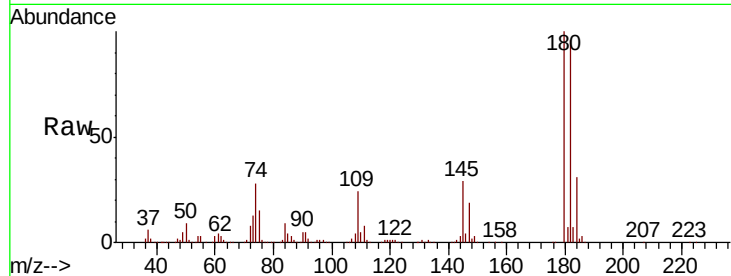




#93
 1,2,4-Trichlorobenzene
 Concen: 52.495 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

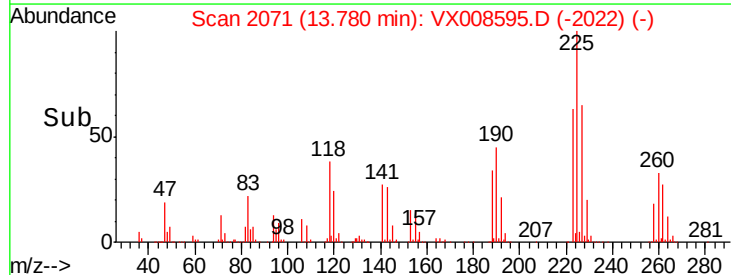
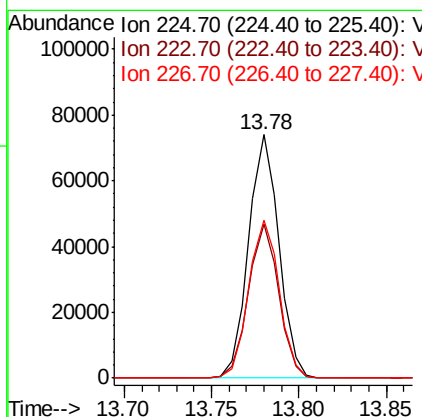
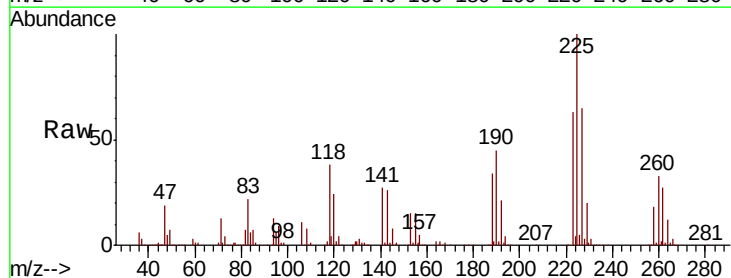
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

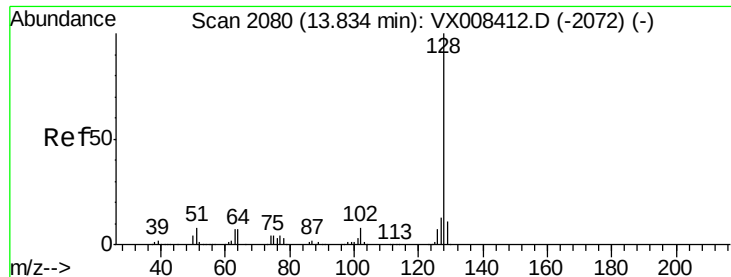
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	30.0	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 54.383 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008595.D
 Acq: 02 Apr 2019 16:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.4	94.0
227	65.3	31.9	95.9

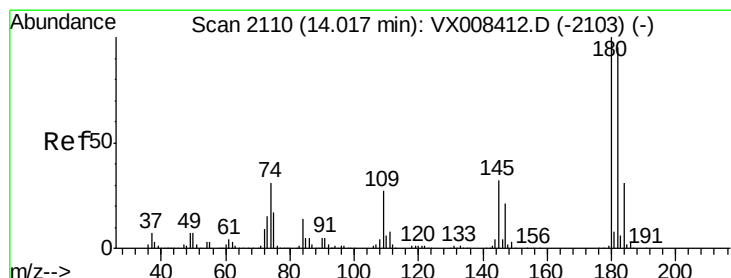
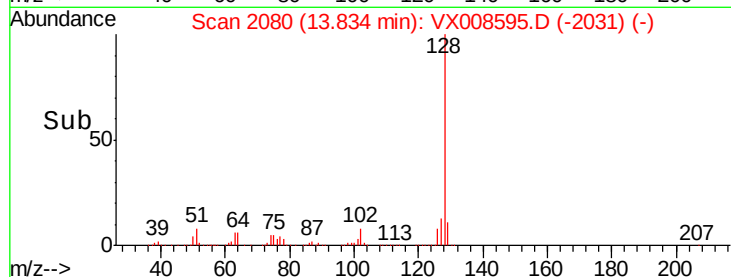
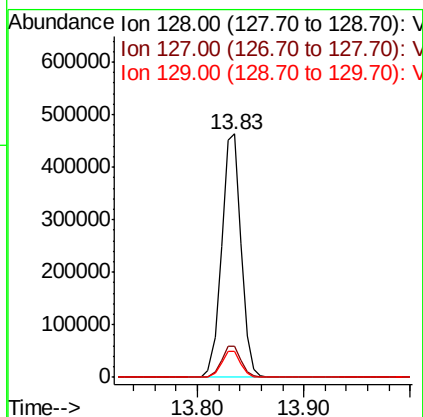
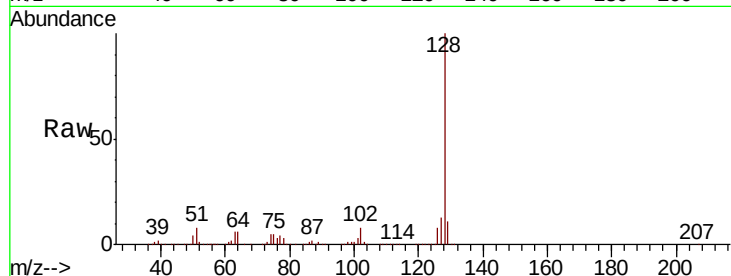




#95
Naphthalene
Concen: 49.701 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 588162
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.615 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008595.D
Acq: 02 Apr 2019 16:06

Tgt Ion:180 Resp: 179026
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 31.7 16.2 48.5

