

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009649.D
 Acq On : 17 May 2019 08:20
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 08:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	254938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106839	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.49	113	79621	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.71	98	310758	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.13	95	118196	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	58527	41.123	ug/l	100
3) Chloromethane	1.32	50	91993	47.344	ug/l	99
4) Vinyl Chloride	1.41	62	91461	48.271	ug/l	99
5) Bromomethane	1.64	94	60105	52.851	ug/l	98
6) Chloroethane	1.71	64	59197	48.662	ug/l	99
7) Trichlorofluoromethane	1.92	101	116808	50.717	ug/l	98
8) Diethyl Ether	2.19	74	56085	51.409	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69724	48.208	ug/l	100
10) Methyl Iodide	2.51	142	87720	51.998	ug/l	99
11) Tert butyl alcohol	3.06	59	129462	265.275	ug/l	100
12) 1,1-Dichloroethene	2.37	96	72335	49.916	ug/l	99
13) Acrolein	2.29	56	93381	211.281	ug/l	99
14) Allyl chloride	2.73	41	170107	48.168	ug/l	99
15) Acrylonitrile	3.14	53	316180	264.969	ug/l	100
16) Acetone	2.45	43	278788	246.258	ug/l	97
17) Carbon Disulfide	2.57	76	188906	46.431	ug/l	99
18) Methyl Acetate	2.78	43	144164	53.546	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	296889	52.758	ug/l	99
20) Methylene Chloride	2.85	84	89658	48.913	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	78670	50.058	ug/l	96
22) Diisopropyl ether	3.85	45	357280	52.606	ug/l	98
23) Vinyl Acetate	3.81	43	1552345	266.924	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172479	51.481	ug/l	100
25) 2-Butanone	4.67	43	469547	266.902	ug/l	98
26) 2,2-Dichloropropane	4.58	77	71091	28.507	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	95503	50.911	ug/l	95
28) Bromochloromethane	5.02	49	59129	43.485	ug/l	99
29) Tetrahydrofuran	5.13	42	311469	275.133	ug/l	98
30) Chloroform	5.21	83	158792	52.403	ug/l	100
31) Cyclohexane	5.57	56	154596	49.597	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	130843	51.871	ug/l	99
36) 1,1-Dichloropropene	5.80	75	117284	49.504	ug/l	100
37) Ethyl Acetate	4.84	43	175052	53.031	ug/l	99
38) Carbon Tetrachloride	5.79	117	108018	50.182	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136042	46.757	ug/l	98
40) Benzene	6.14	78	369296	50.366	ug/l	99
41) Methacrylonitrile	5.04	41	101153	51.478	ug/l	99
42) 1,2-Dichloroethane	6.19	62	137006	52.090	ug/l	99
43) Isopropyl Acetate	6.45	43	282941	53.587	ug/l	99
44) Trichloroethene	7.21	130	86844	48.993	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106260	51.181	ug/l	98
46) Dibromomethane	7.66	93	61179	50.744	ug/l	99
47) Bromodichloromethane	7.90	83	125008	51.979	ug/l	97
48) Methyl methacrylate	7.77	41	142172	54.273	ug/l	98
49) 1,4-Dioxane	7.74	88	52598	990.090	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	953656	276.329	ug/l	99
52) Toluene	8.78	92	223556	50.158	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132490	48.795	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	145112	48.285	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93373	51.351	ug/l	98
56) Ethyl methacrylate	9.18	69	174488	53.757	ug/l	99
57) 1,3-Dichloropropane	9.37	76	163580	51.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	382933	222.388	ug/l	100
59) 2-Hexanone	9.49	43	739140	272.695	ug/l	98
60) Dibromochloromethane	9.58	129	94209	53.047	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94950	51.730	ug/l	100
64) Tetrachloroethene	9.34	164	83577	51.729	ug/l	99
65) Chlorobenzene	10.13	112	235438	49.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87603	51.283	ug/l	100
67) Ethyl Benzene	10.25	91	436534	50.341	ug/l	100
68) m/p-Xylenes	10.36	106	322226	101.686	ug/l	99
69) o-Xylene	10.70	106	158258	50.618	ug/l	99
70) Styrene	10.71	104	279165	51.373	ug/l	99
71) Bromoform	10.85	173	74204	53.454	ug/l #	99
73) Isopropylbenzene	11.02	105	420628	48.987	ug/l	99
74) N-amyl acetate	10.90	43	261897	52.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	160002	49.986	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181649	66.319	ug/l	81
77) Bromobenzene	11.26	156	106269	49.863	ug/l	99
78) n-propylbenzene	11.36	91	484224	49.379	ug/l	100
79) 2-Chlorotoluene	11.42	91	293428	48.501	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	356618	49.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45499	42.503	ug/l	97
82) 4-Chlorotoluene	11.51	91	337865	49.433	ug/l	99
83) tert-Butylbenzene	11.77	119	342883	48.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	363501	50.090	ug/l	100
85) sec-Butylbenzene	11.94	105	411947	49.404	ug/l	100
86) p-Isopropyltoluene	12.06	119	371567	49.567	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	186522	49.094	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188288	49.157	ug/l	99
89) n-Butylbenzene	12.38	91	333014	49.151	ug/l	100
90) Hexachloroethane	12.60	117	65625	51.386	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	192089	49.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36905	51.395	ug/l	97

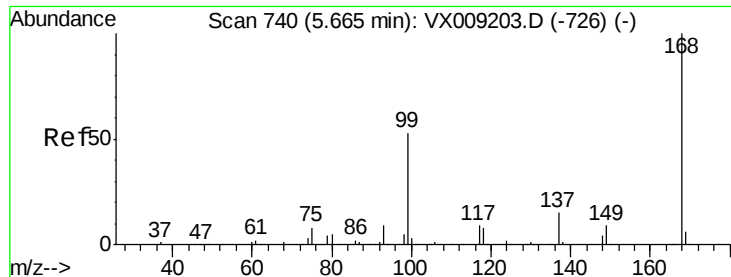
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131297	49.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	65689	48.610	ug/l	98
95) Naphthalene	13.83	128	436624	50.715	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134832	50.265	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

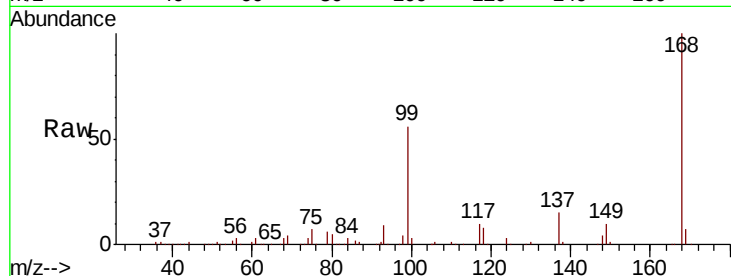
VSTDCCC050EC

Tot Ion:168 Resp: 154444

Ion Ratio Lower Upper

168 100

99 56.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

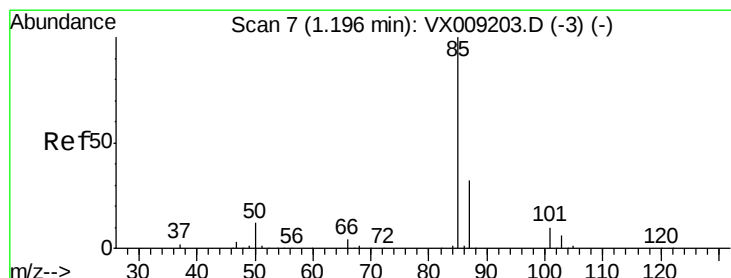
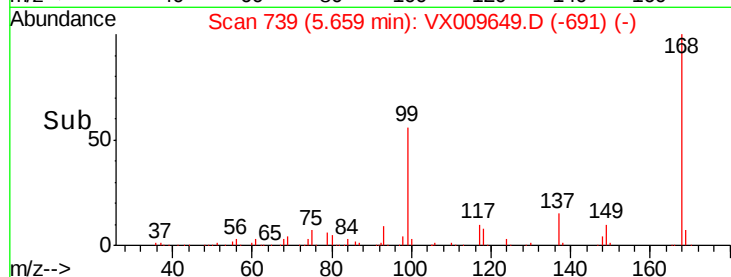
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.123 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009649.D

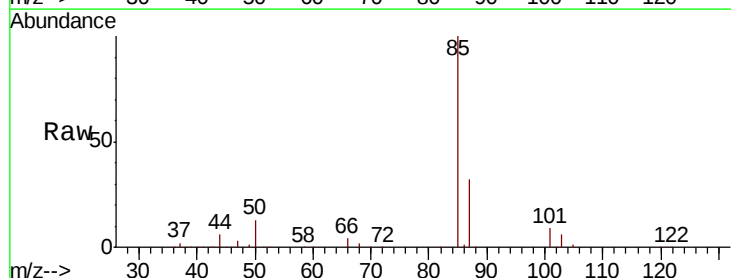
Acq: 17 May 2019 08:20

Tgt Ion: 85 Resp: 58527

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

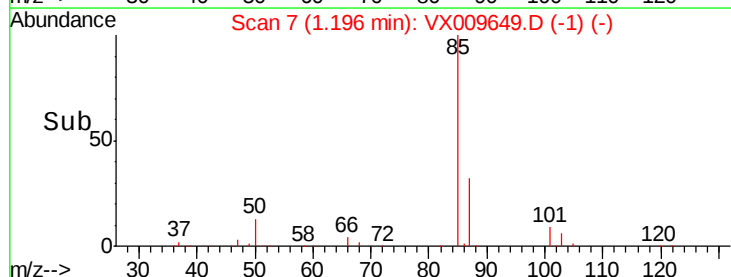
20000

10000

0

Time-->

1.15 1.20 1.25 1.30

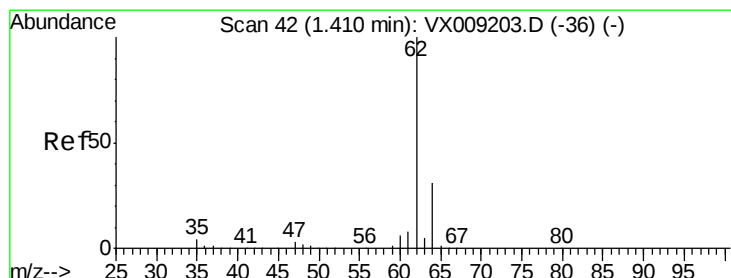
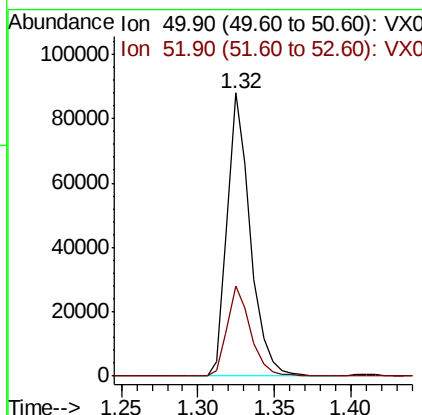
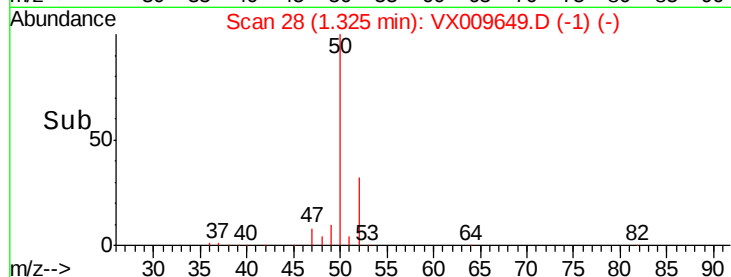
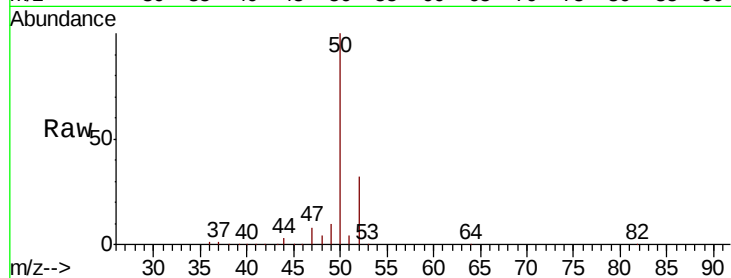




#3
Chloromethane
Concen: 47.344 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

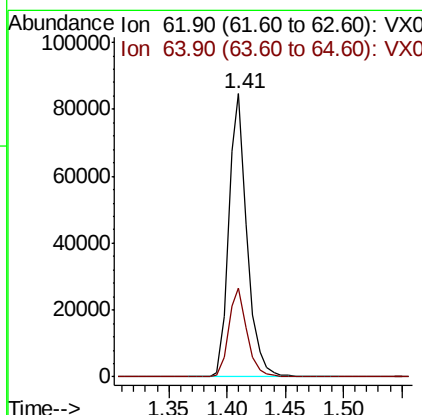
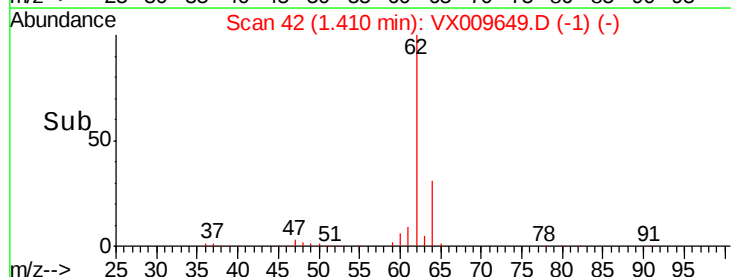
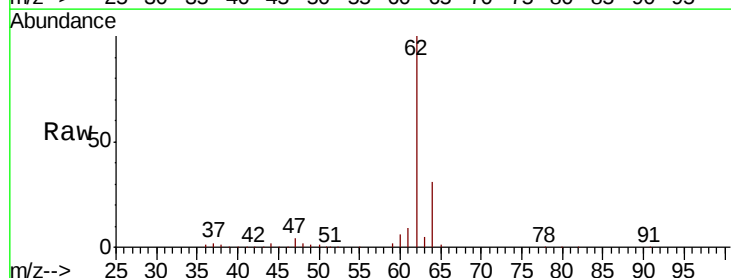
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

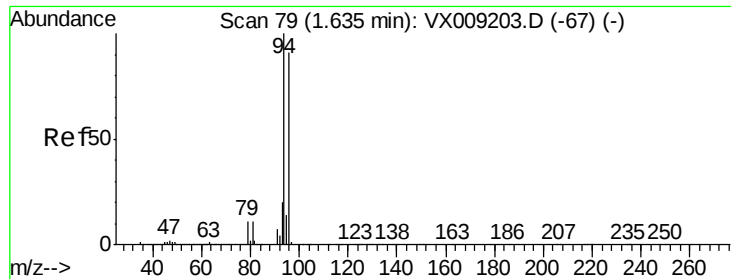
Tot Ion: 50 Resp: 91993
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9



#4
Vinyl Chloride
Concen: 48.271 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 62 Resp: 91461
Ion Ratio Lower Upper
62 100
64 31.4 24.6 36.8





#5

Bromomethane

Concen: 52.851 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

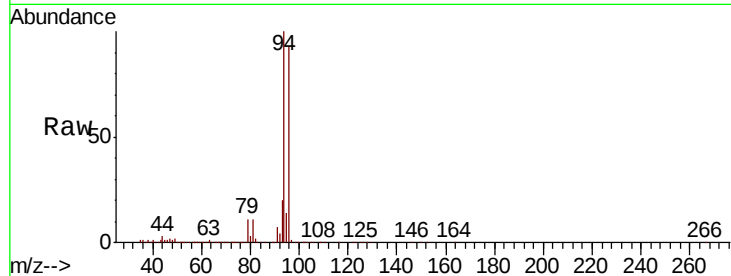
VSTDCCC050EC

Tot Ion: 94 Resp: 60105

Ion Ratio Lower Upper

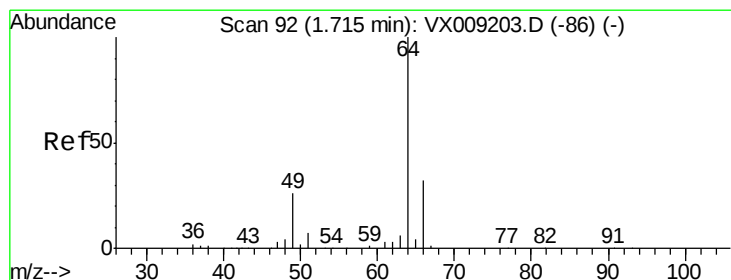
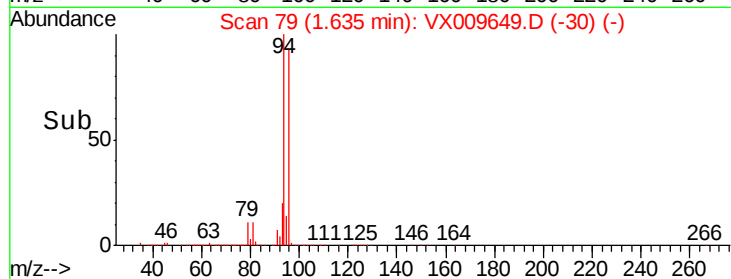
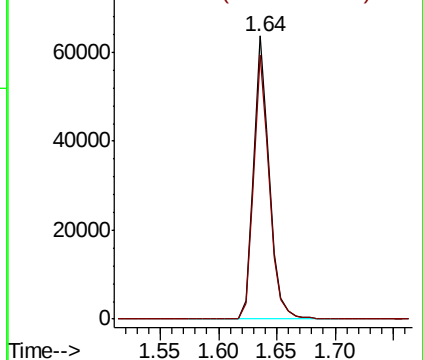
94 100

96 93.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.662 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009649.D

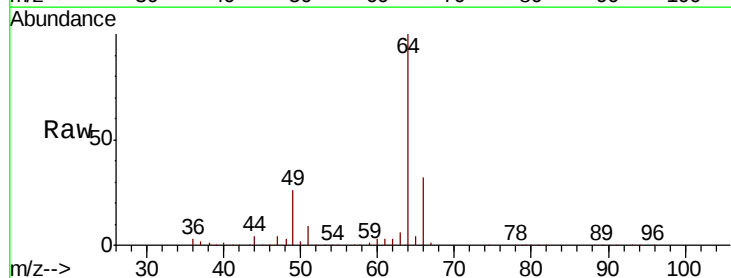
Acq: 17 May 2019 08:20

Tgt Ion: 64 Resp: 59197

Ion Ratio Lower Upper

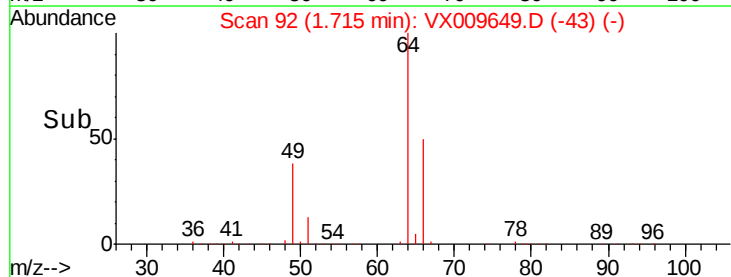
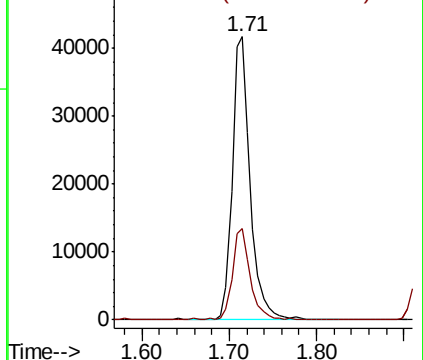
64 100

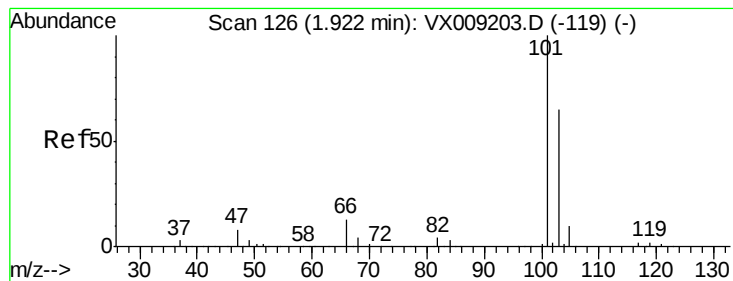
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



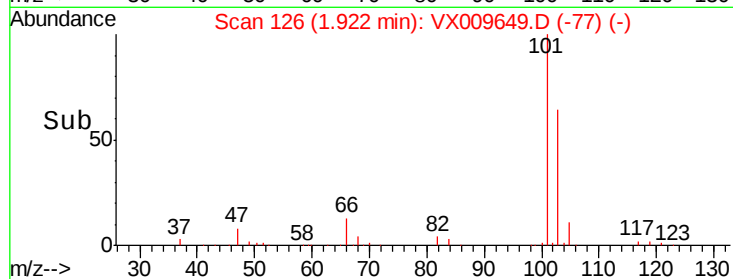
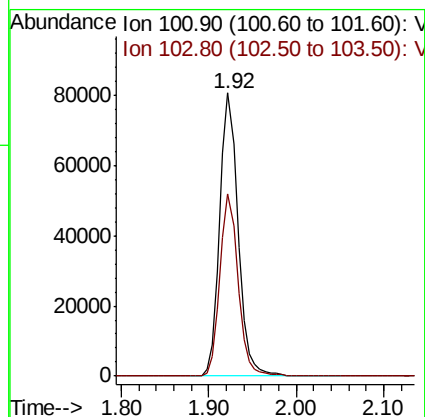
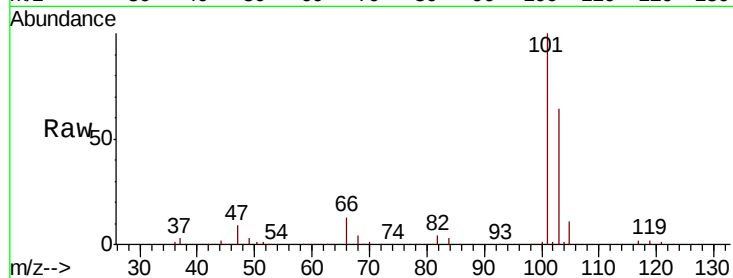


#7

Trichlorofluoromethane
 Concen: 50.717 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

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 VSTDCCC050EC

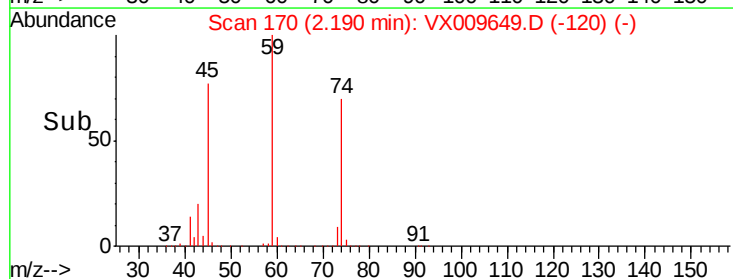
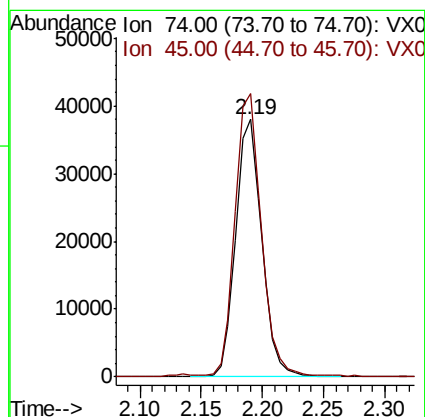
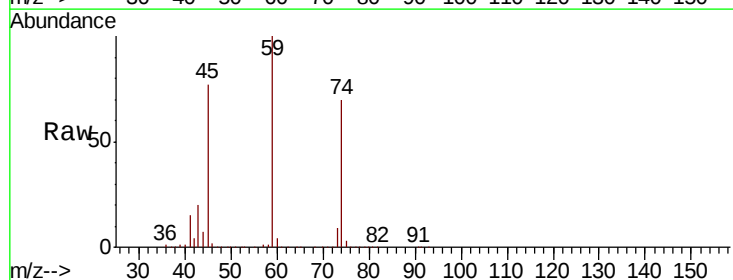
Tot Ion:101 Resp: 116808
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.4 78.6



#8

Diethyl Ether
 Concen: 51.409 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion: 74 Resp: 56085
 Ion Ratio Lower Upper
 74 100
 45 109.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.208 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

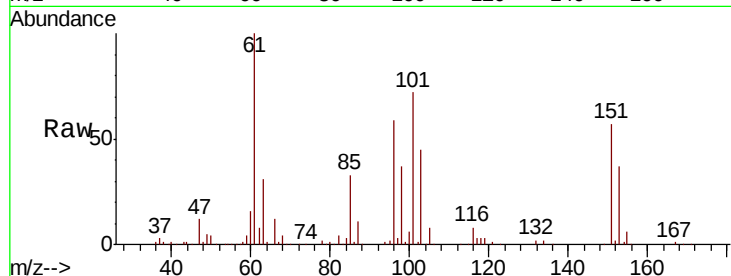
Tot Ion:101 Resp: 69724

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

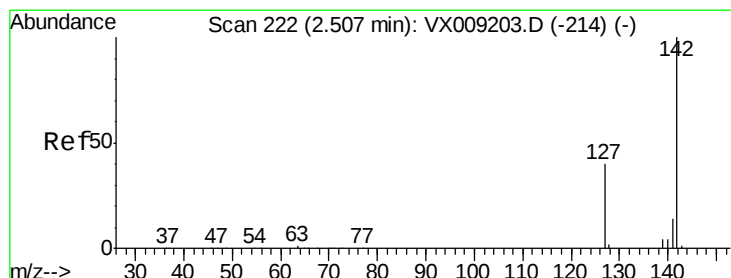
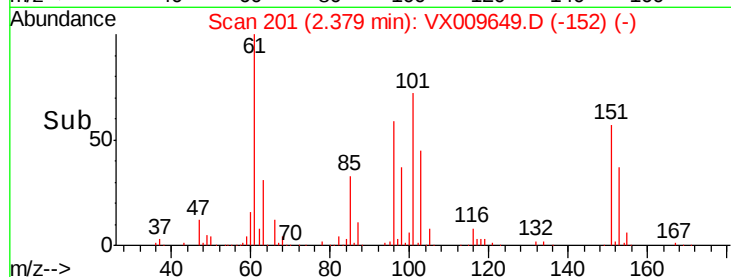
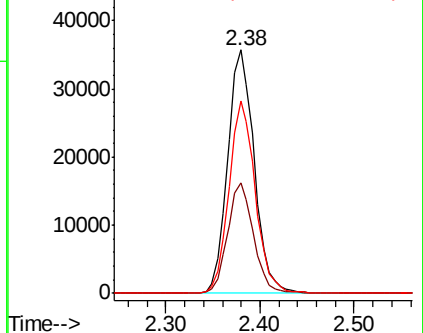
151 78.1 62.2 93.2



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: 51.998 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

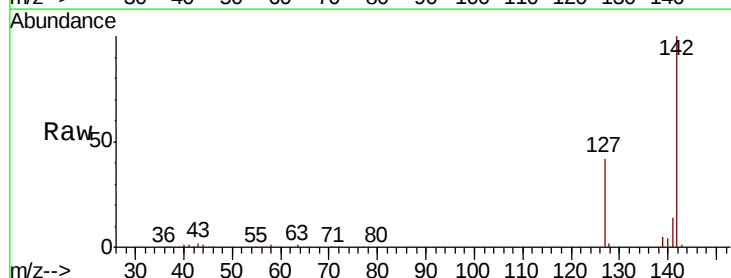
Tgt Ion:142 Resp: 87720

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

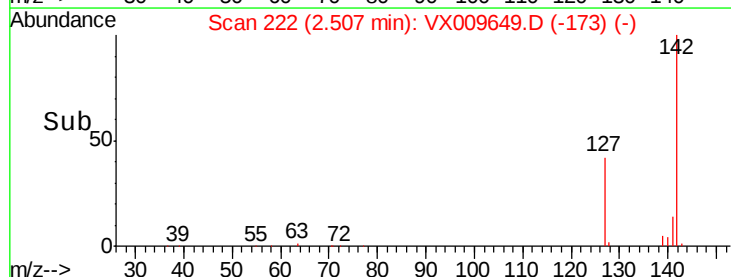
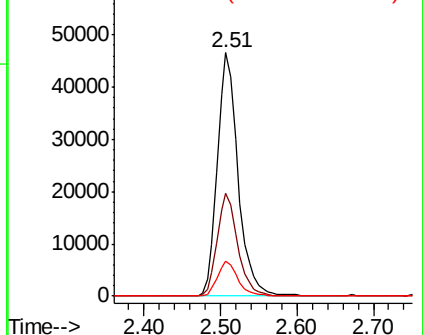
141 14.0 11.5 17.3

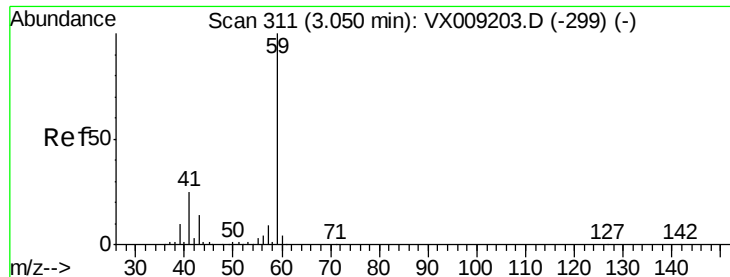


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

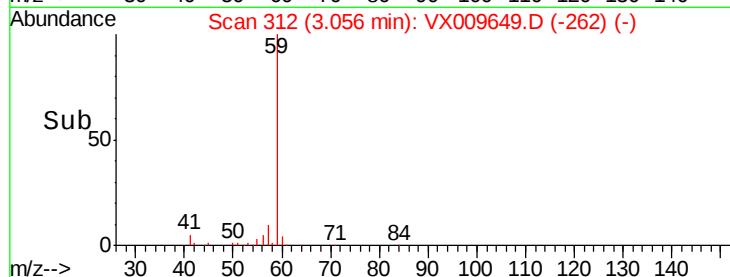
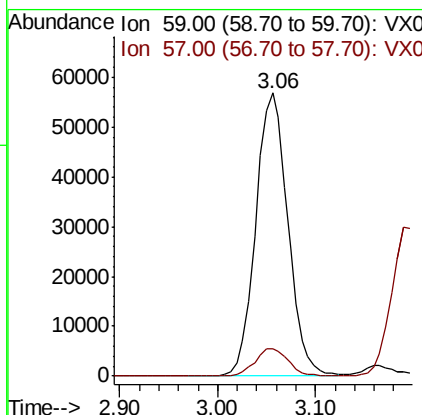
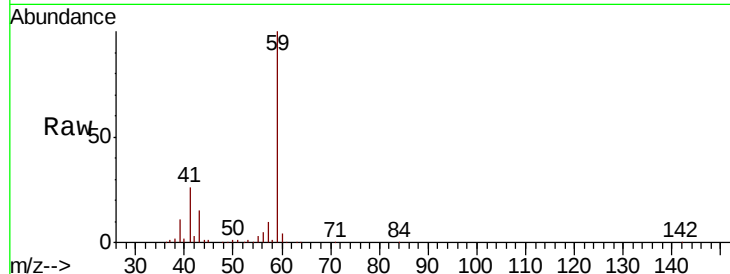




#11
Tert butyl alcohol
Concen: 265.275 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

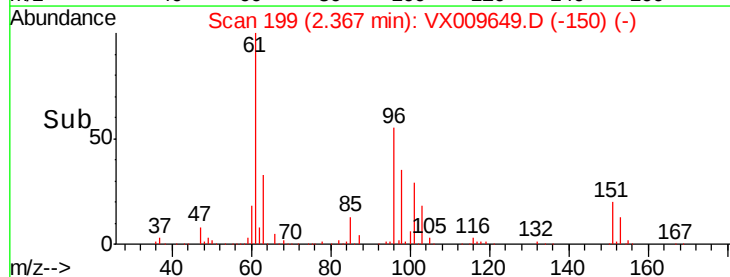
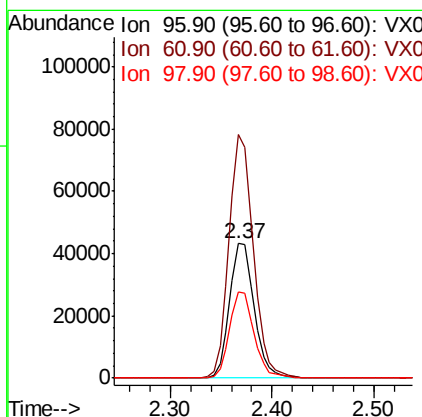
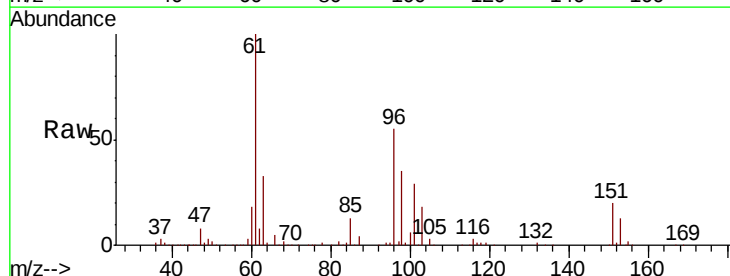
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 129462
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.916 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 96 Resp: 72335
Ion Ratio Lower Upper
96 100
61 181.3 144.3 216.5
98 64.3 50.3 75.5

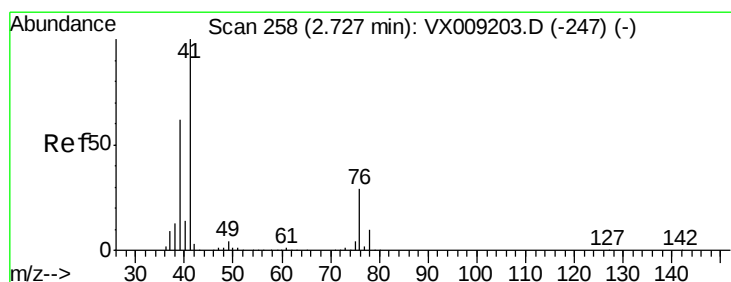
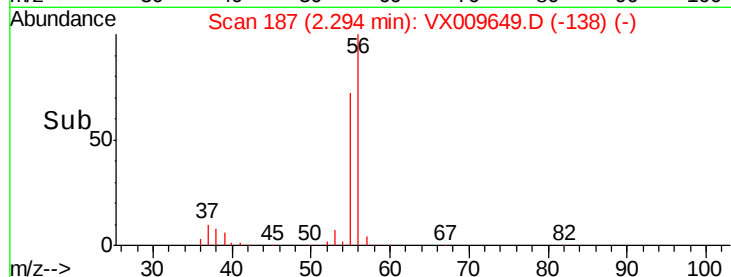
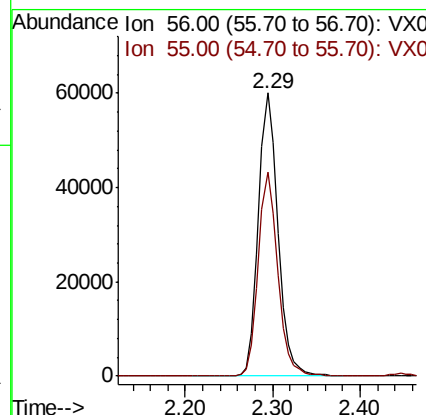
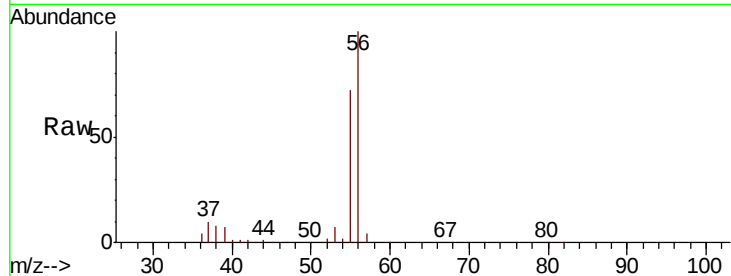




#13
Acrolein
Concen: 211.281 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

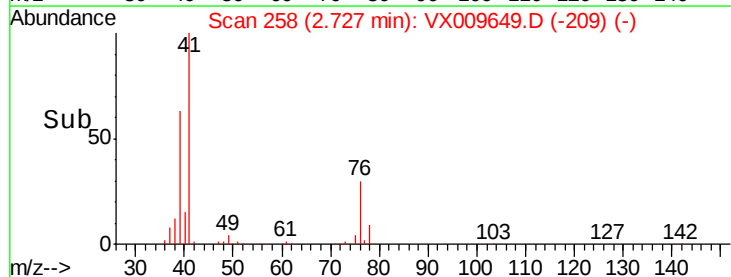
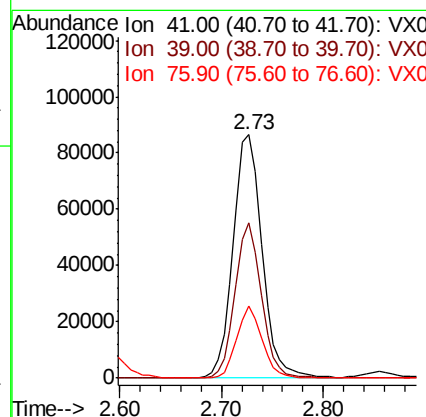
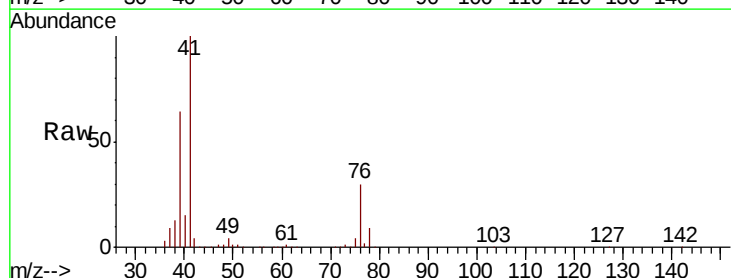
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 93381
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0



#14
Allyl chloride
Concen: 48.168 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 41 Resp: 170107
Ion Ratio Lower Upper
41 100
39 58.4 46.7 70.1
76 26.0 21.8 32.8





#15

Acrylonitrile

Concen: 264.969 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

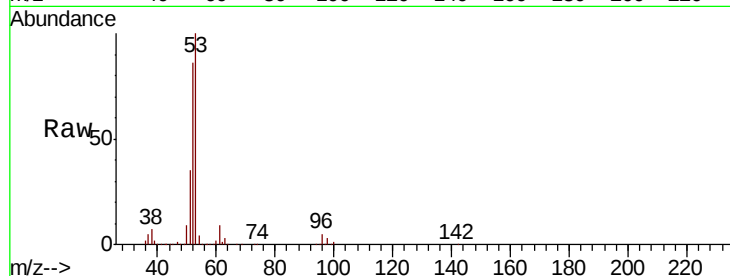
Tot Ion: 53 Resp: 316180

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

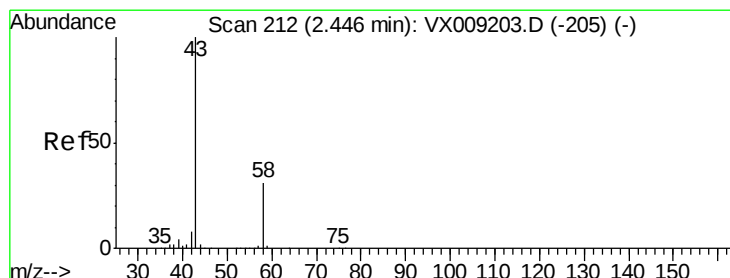
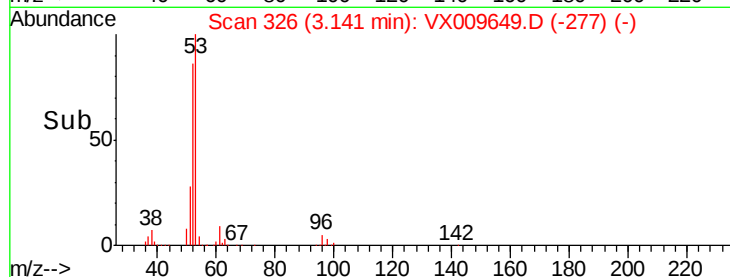
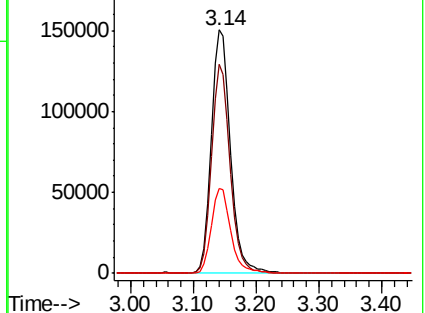
51 35.2 28.2 42.2



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: 246.258 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009649.D

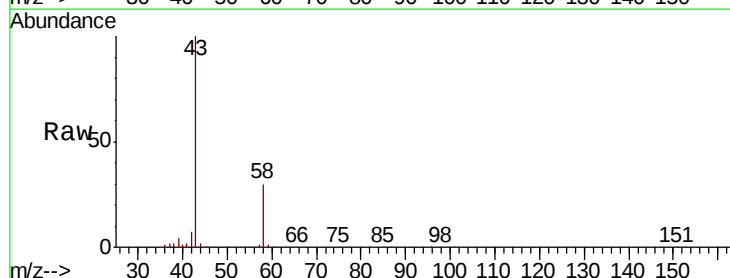
Acq: 17 May 2019 08:20

Tgt Ion: 43 Resp: 278788

Ion Ratio Lower Upper

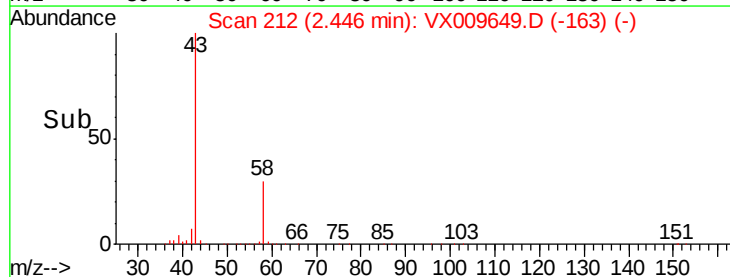
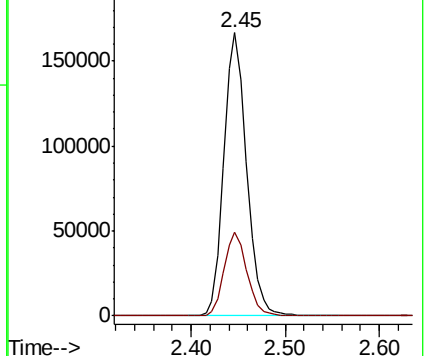
43 100

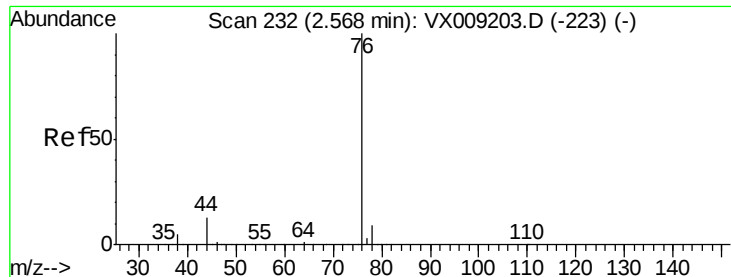
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

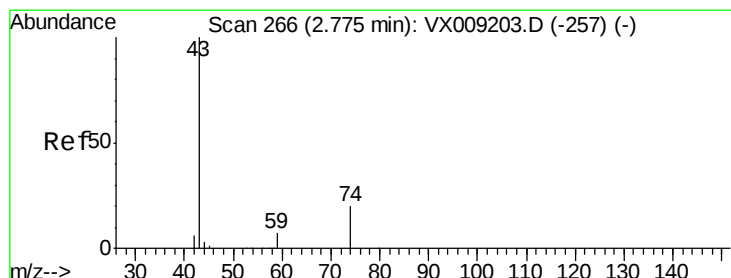
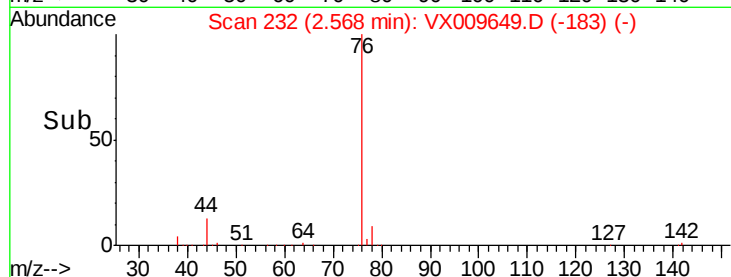
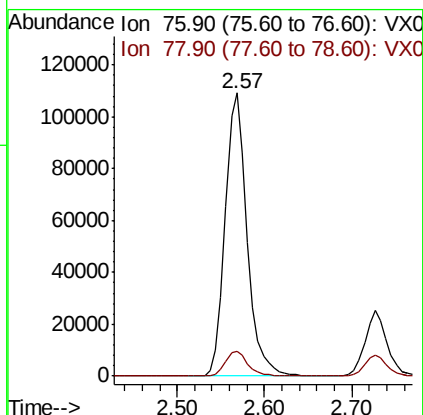
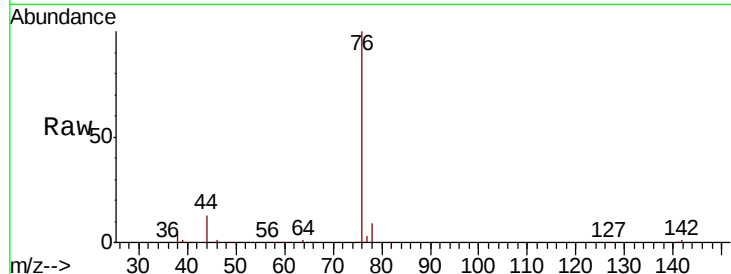




#17
Carbon Disulfide
Concen: 46.431 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

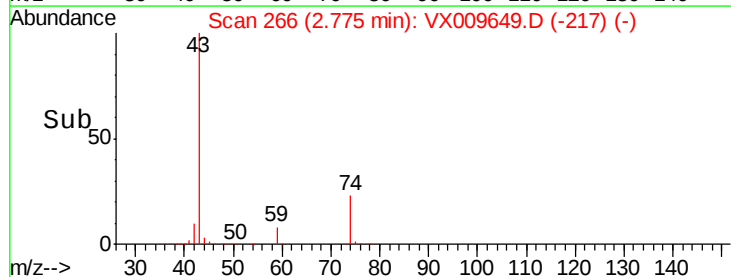
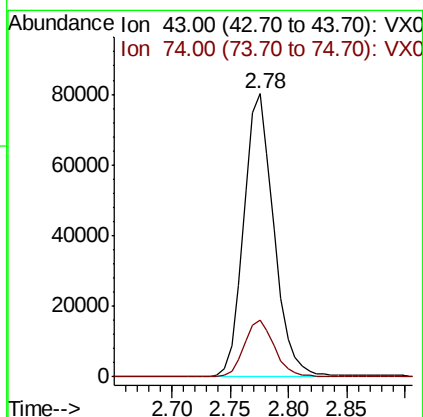
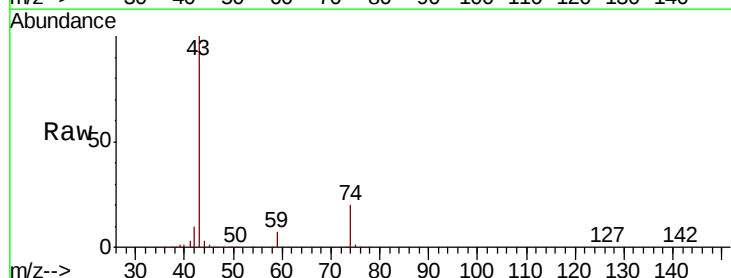
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

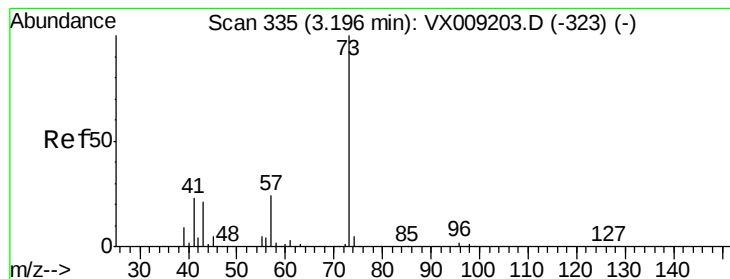
Tot Ion: 76 Resp: 188906
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.546 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 43 Resp: 144164
Ion Ratio Lower Upper
43 100
74 20.2 16.2 24.4



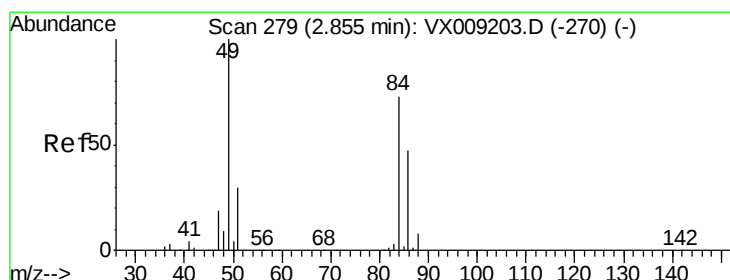
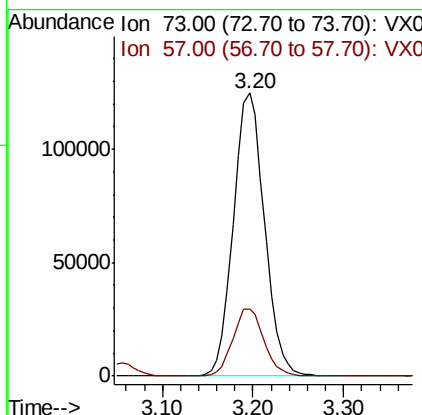
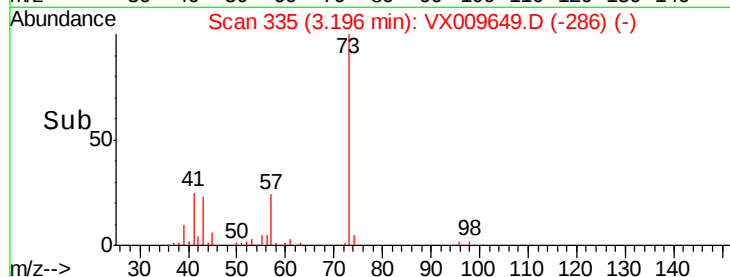
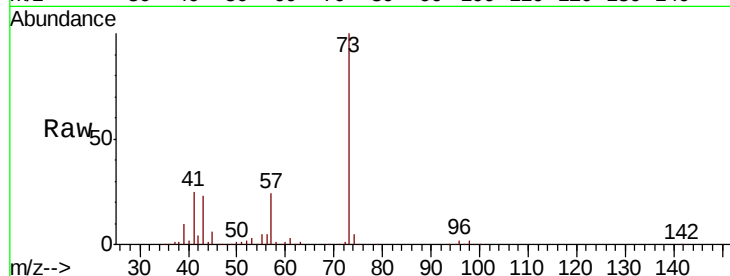


#19

Methyl tert-butyl Ether
 Concen: 52.758 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

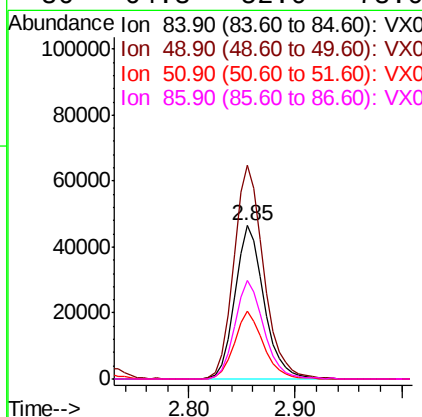
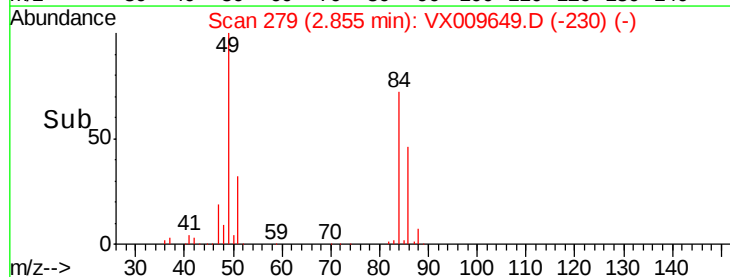
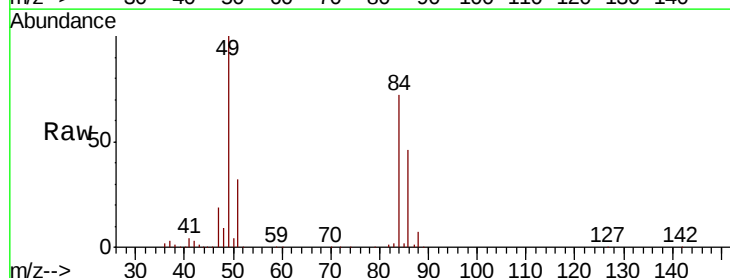
Tot Ion: 73 Resp: 296889
 Ion Ratio Lower Upper
 73 100
 57 23.8 19.3 28.9



#20

Methylene Chloride
 Concen: 48.913 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion: 84 Resp: 89658
 Ion Ratio Lower Upper
 84 100
 49 139.1 109.9 164.9
 51 44.4 32.7 49.1
 86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.058 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

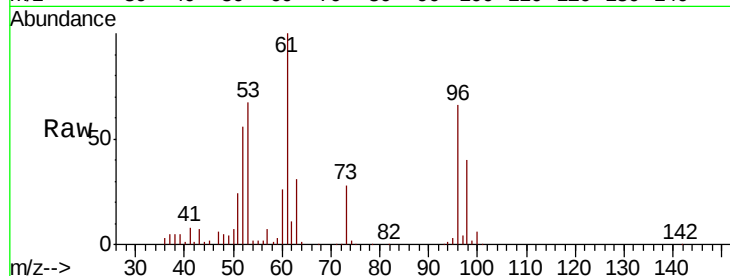
Tot Ion: 96 Resp: 78670

Ion Ratio Lower Upper

96 100

61 150.8 124.5 186.7

98 60.6 50.4 75.6

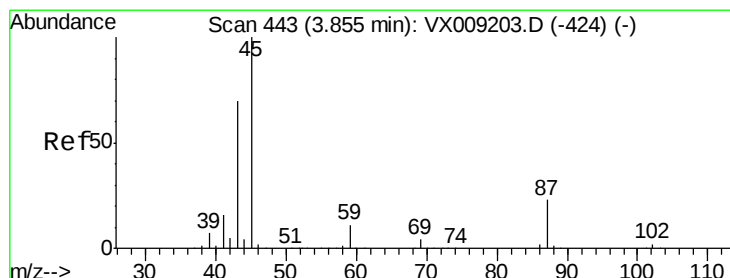
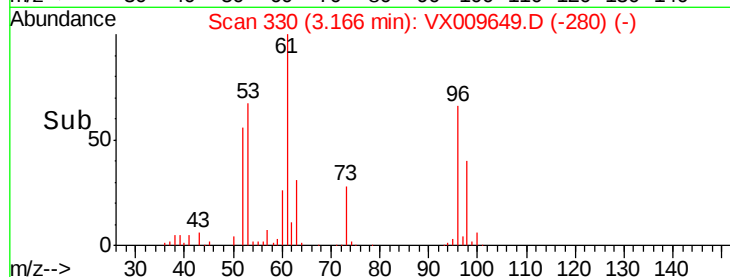
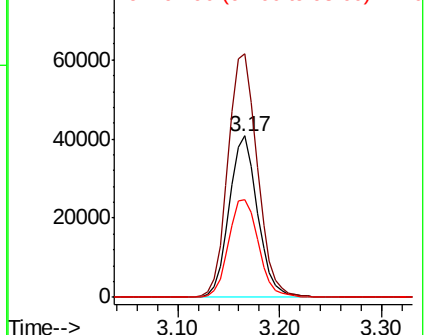


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.606 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Tgt Ion: 45 Resp: 357280

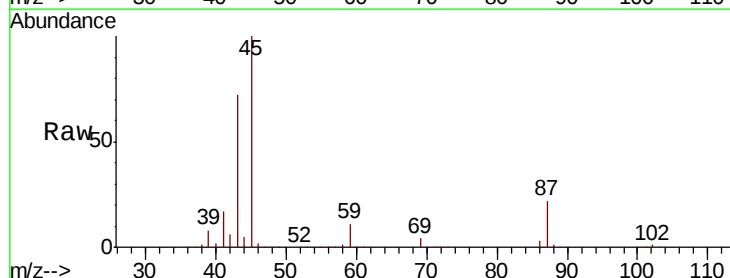
Ion Ratio Lower Upper

45 100

43 71.8 56.1 84.1

87 22.2 18.1 27.1

59 10.6 8.5 12.7



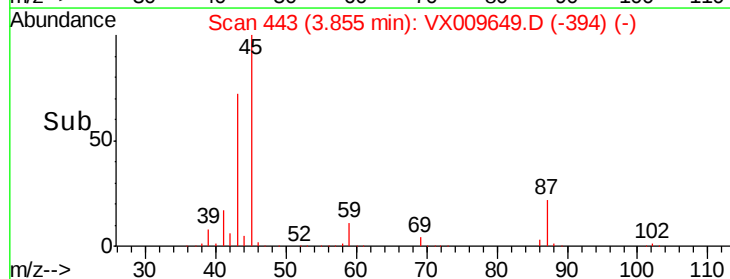
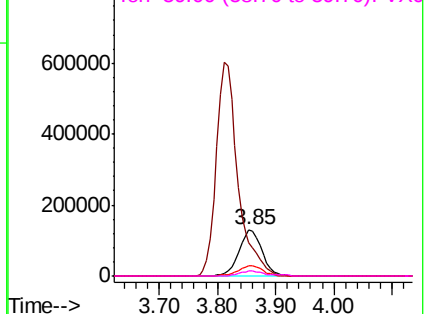
Abundance

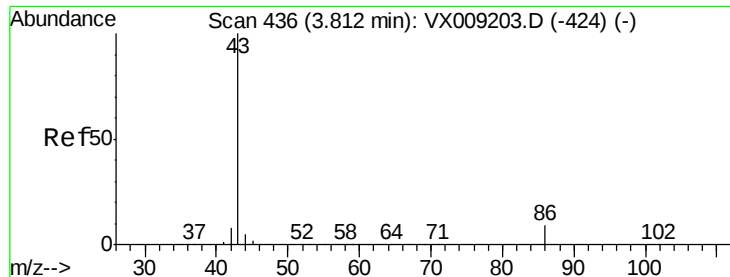
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 266.924 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

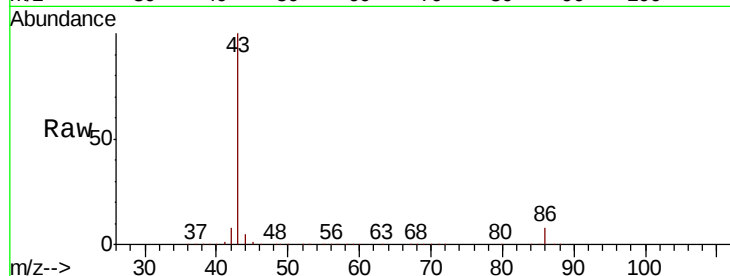
VSTDCCC050EC

Tot Ion: 43 Resp: 1552345

Ion Ratio Lower Upper

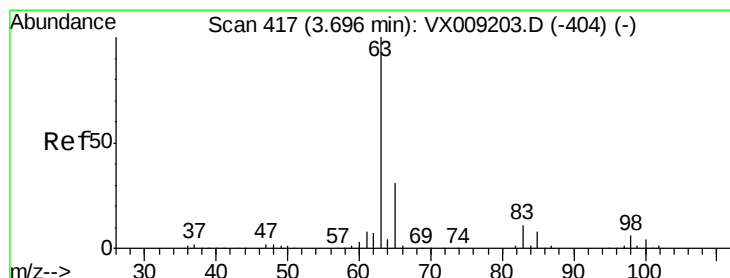
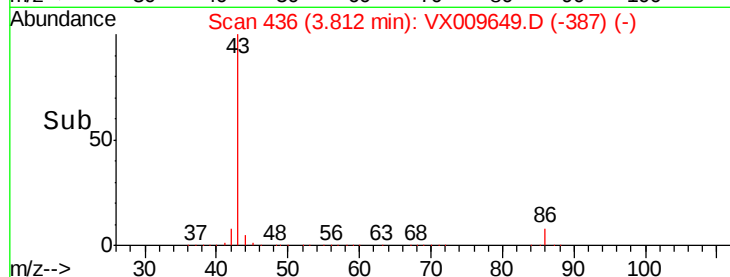
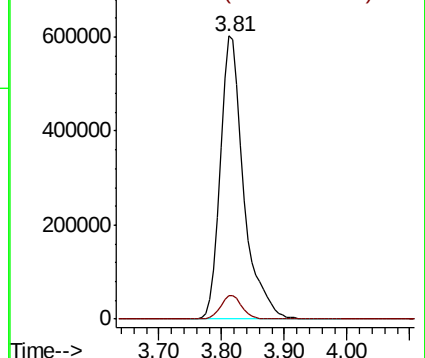
43 100

86 8.3 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: 51.481 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

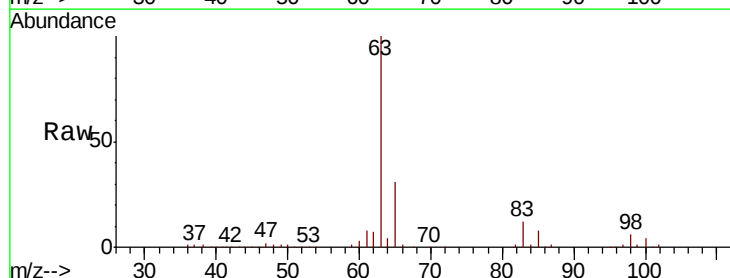
Tgt Ion: 63 Resp: 172479

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

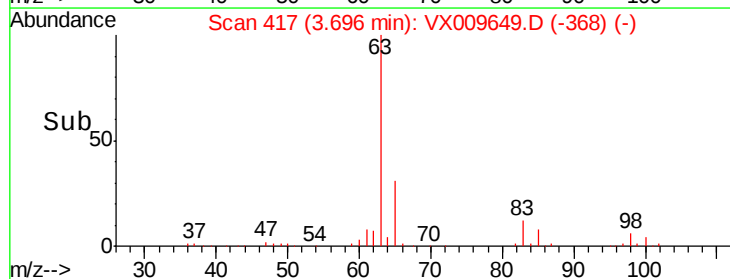
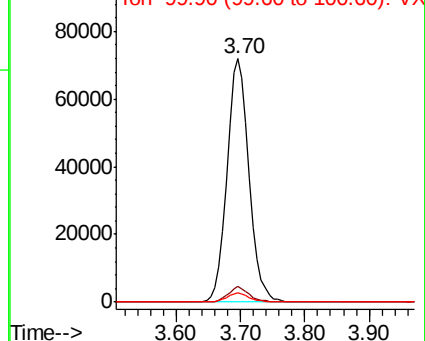
100 4.0 2.0 6.0

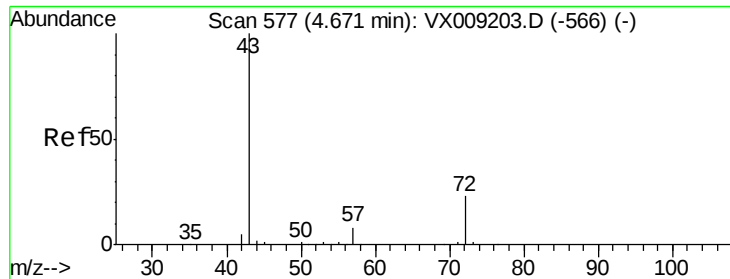


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.902 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

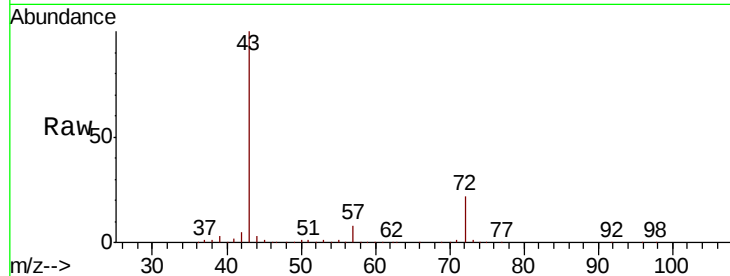
VSTDCCC050EC

Tot Ion: 43 Resp: 469547

Ion Ratio Lower Upper

43 100

72 21.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-566) (-)

Ion 72.00 (71.70 to 72.70): VX009203.D (-566) (-)

4.67

150000

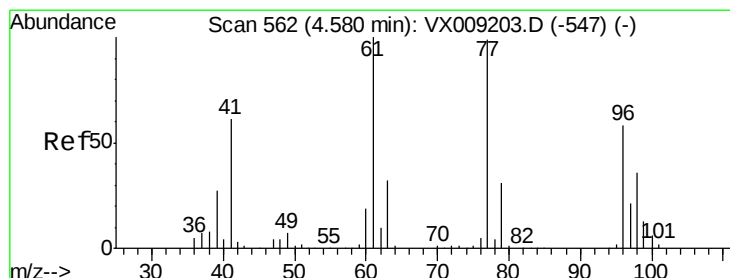
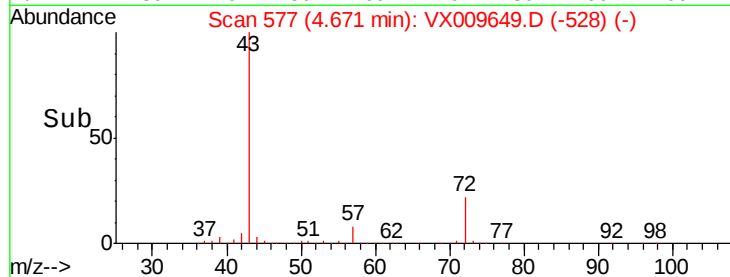
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.507 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009649.D

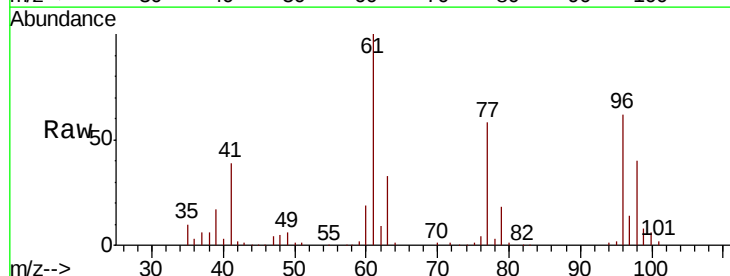
Acq: 17 May 2019 08:20

Tgt Ion: 77 Resp: 71091

Ion Ratio Lower Upper

77 100

97 25.3 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009203.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX009203.D (-547) (-)

4.58

25000

20000

15000

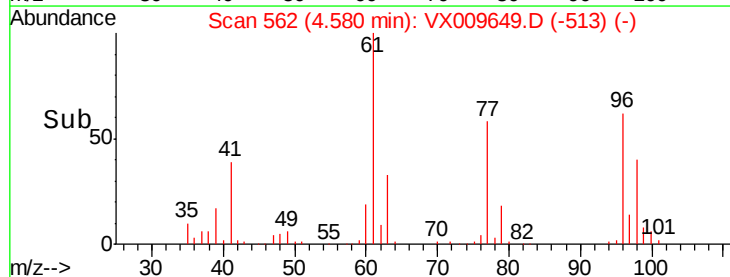
10000

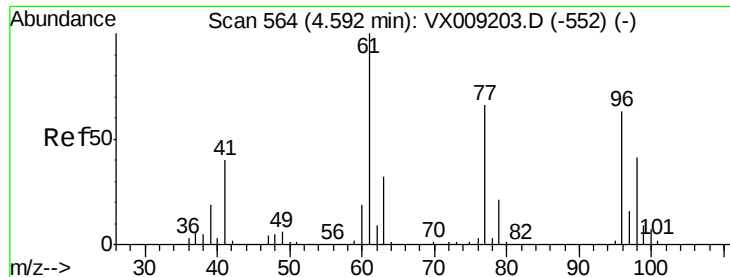
5000

0

4.50 4.60 4.70

Time-->



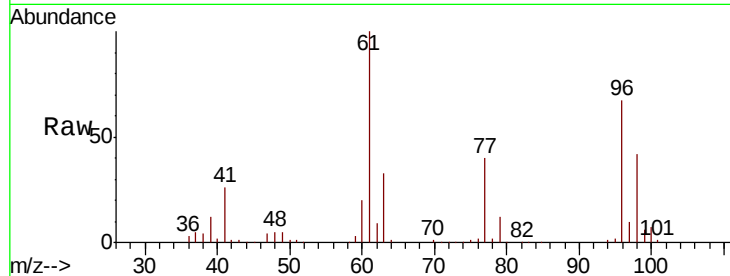


#27

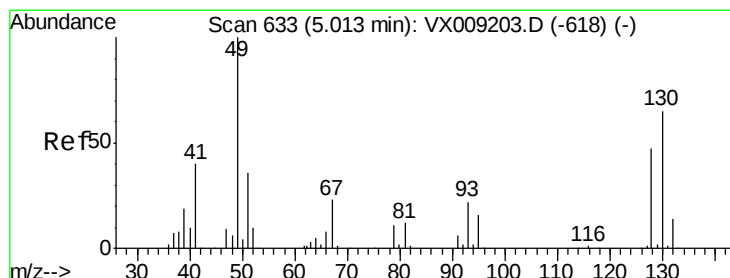
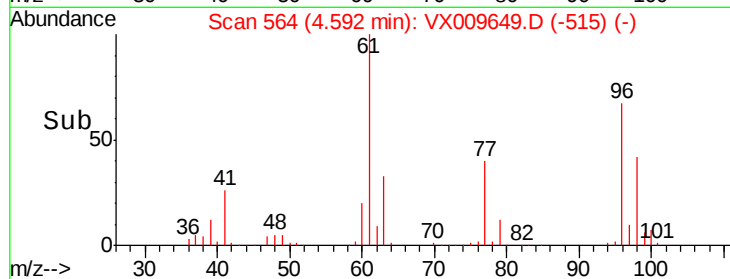
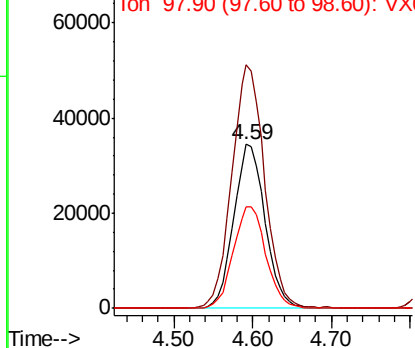
cis-1,2-Dichloroethene
Concen: 50.911 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 95503
Ion Ratio Lower Upper
96 100
61 154.0 0.0 324.0
98 64.4 0.0 130.4



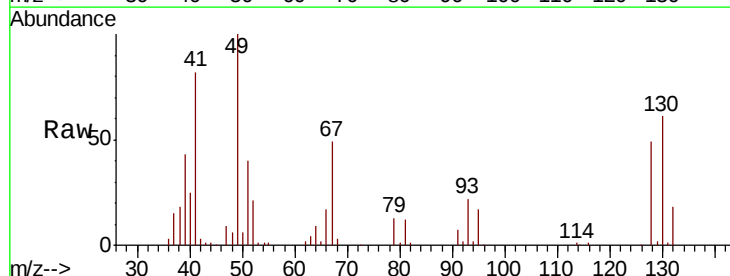
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



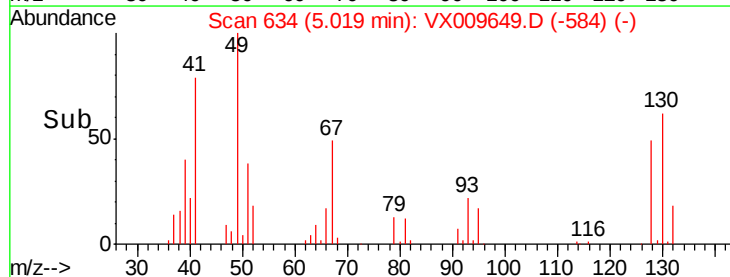
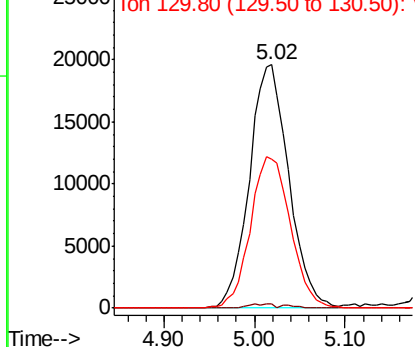
#28

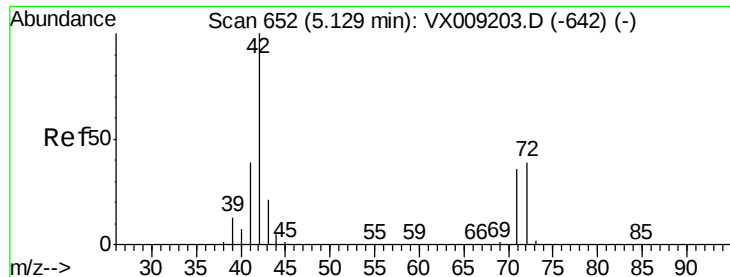
Bromochloromethane
Concen: 43.485 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 49 Resp: 59129
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 63.0 51.2 76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

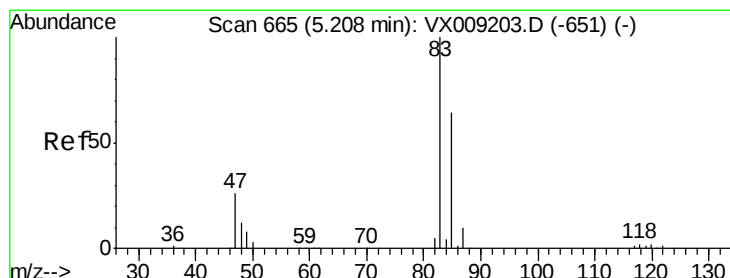
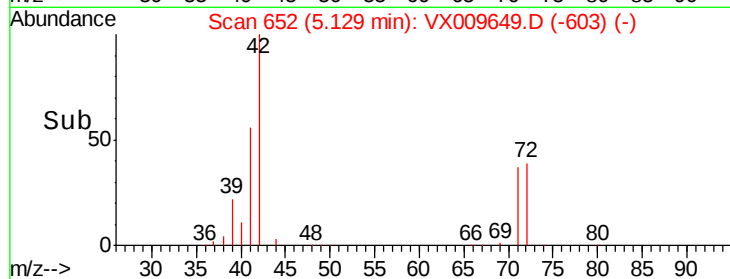
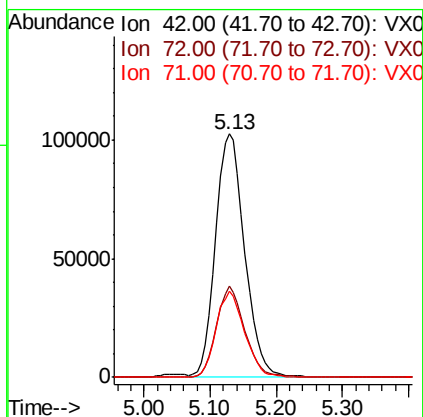
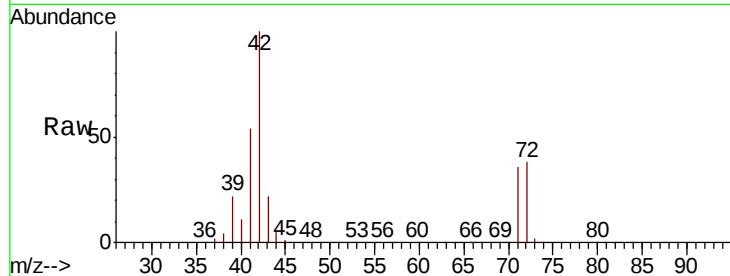




#29
Tetrahydrofuran
Concen: 275.133 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

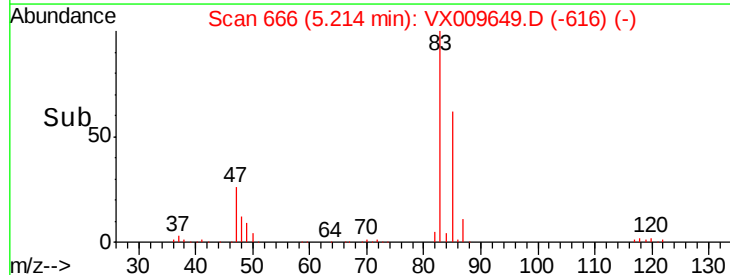
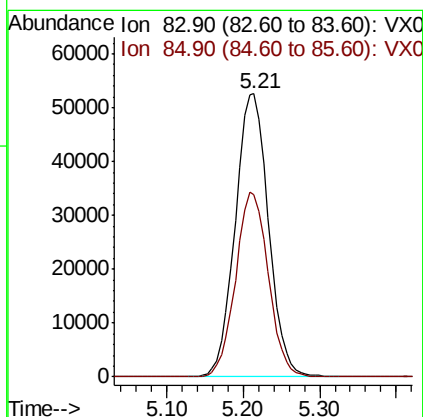
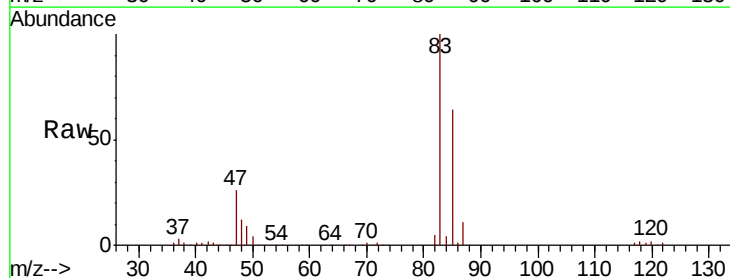
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

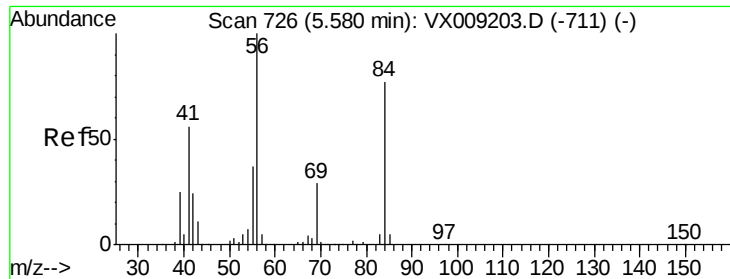
Tot Ion: 42 Resp: 311469
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 34.6 28.6 43.0



#30
Chloroform
Concen: 52.403 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 83 Resp: 158792
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

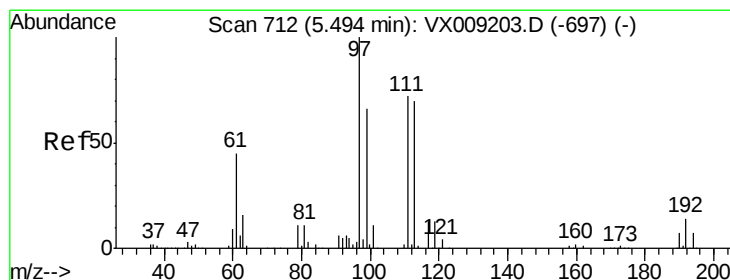
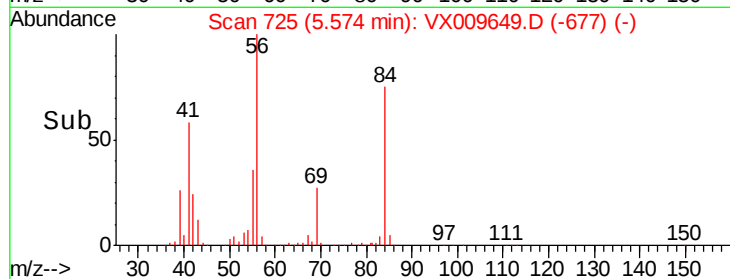
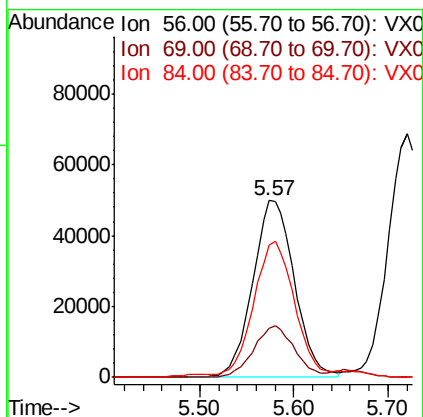
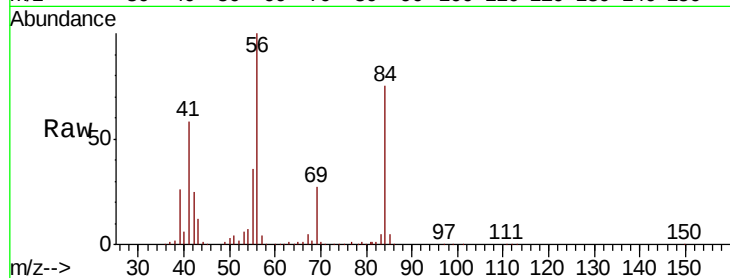




#31
Cyclohexane
Concen: 49.597 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

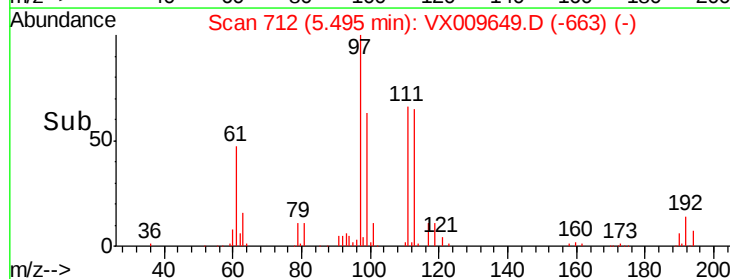
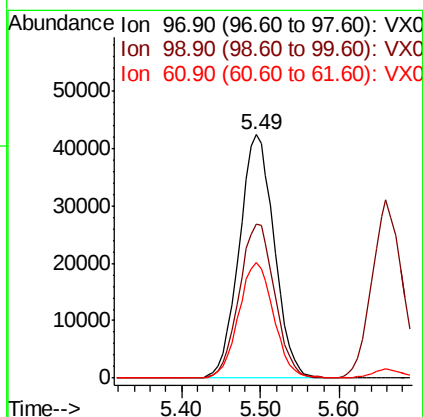
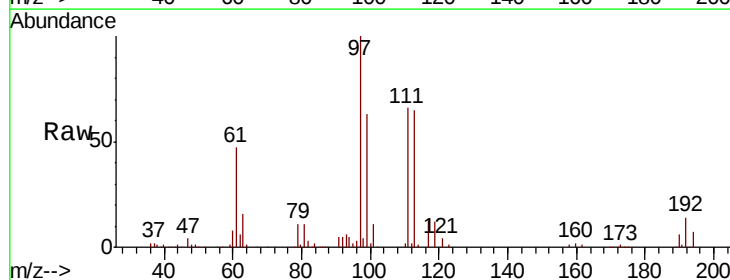
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

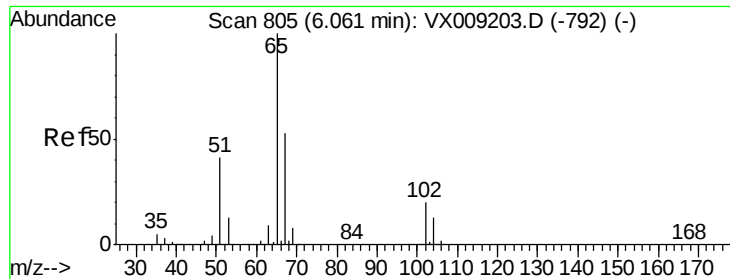
Tot Ion: 56 Resp: 154596
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.0
84 73.3 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 51.871 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 97 Resp: 130843
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 47.6 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 50.674 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

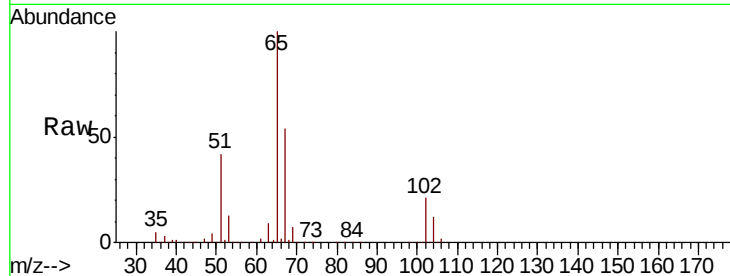
VSTDCCC050EC

Tot Ion: 65 Resp: 106839

Ion Ratio Lower Upper

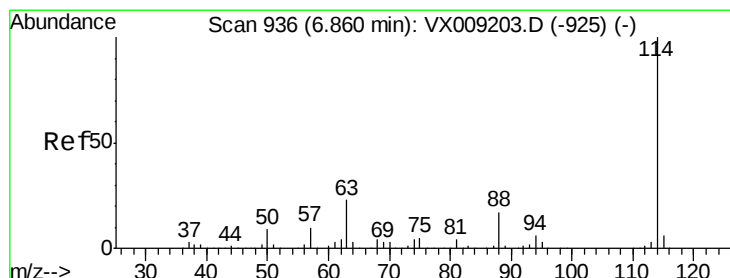
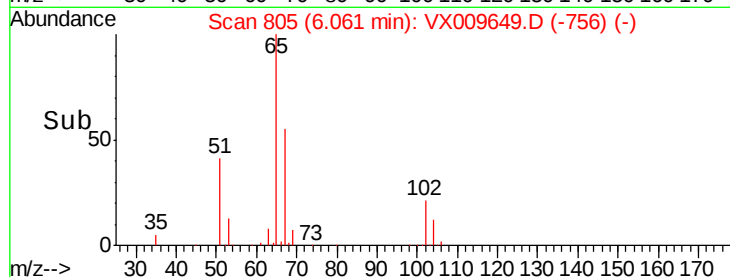
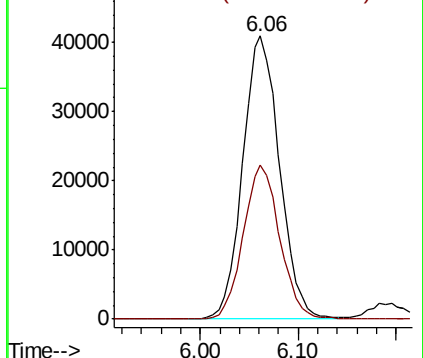
65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

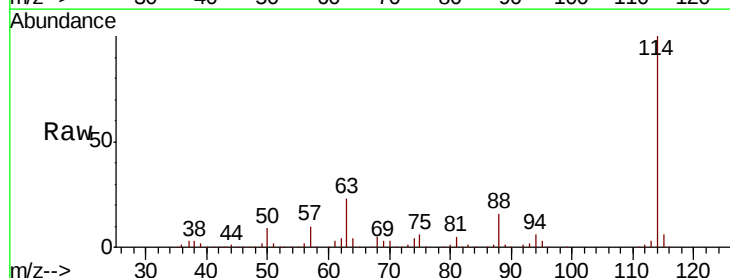
Tgt Ion: 114 Resp: 254938

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

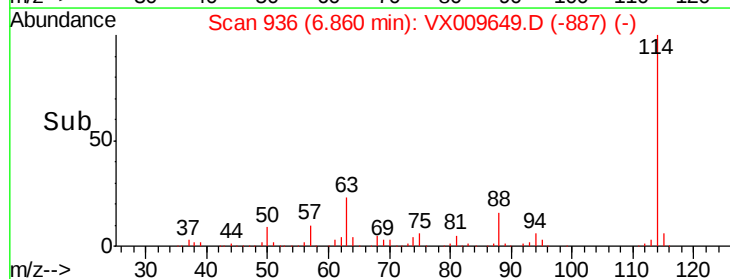
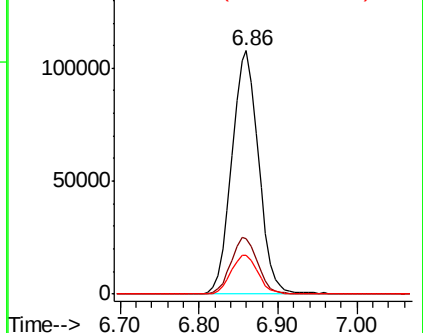
88 15.7 0.0 33.2

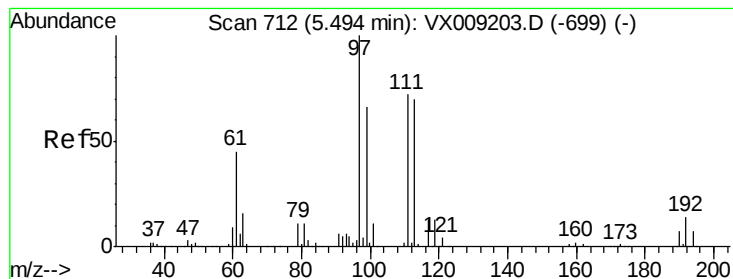


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.681 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

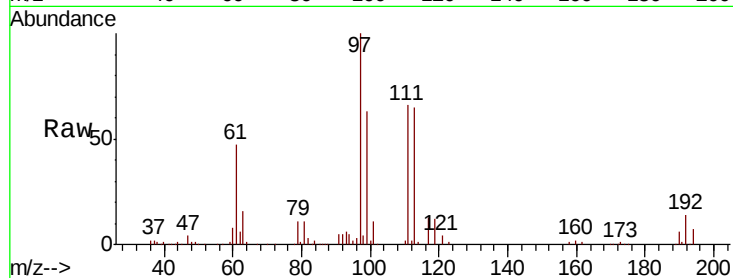
Tot Ion:113 Resp: 79621

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 22.3 17.0 25.6

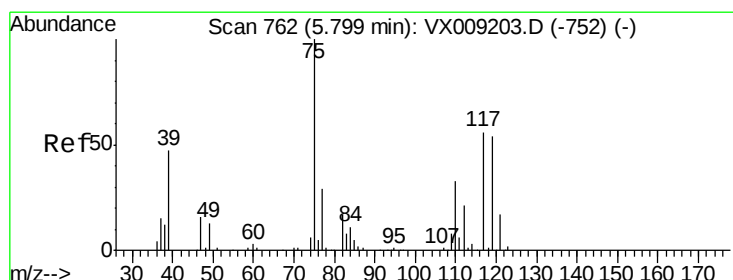
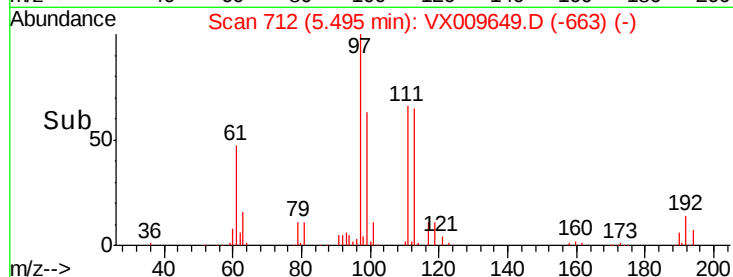
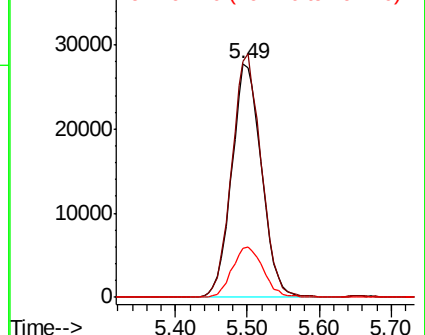


Abundance

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: 49.504 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

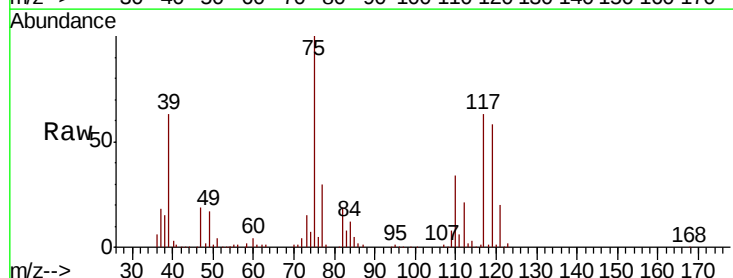
Tgt Ion: 75 Resp: 117284

Ion Ratio Lower Upper

75 100

110 34.1 16.9 50.6

77 31.1 24.8 37.2

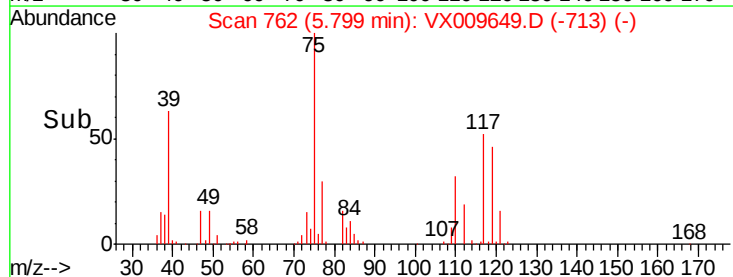
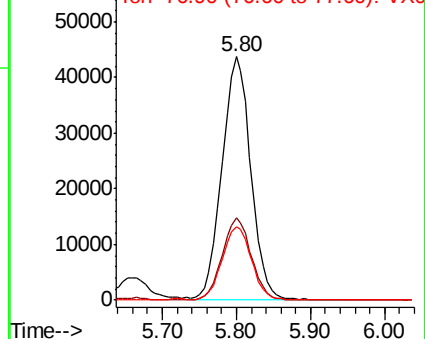


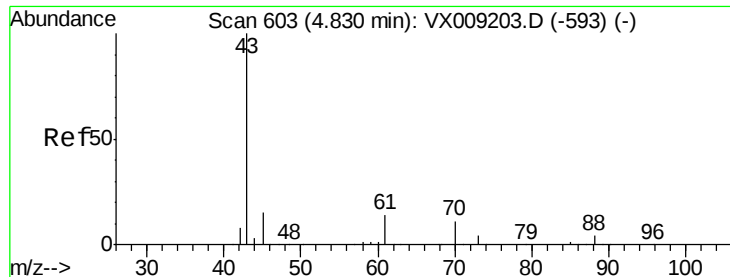
Abundance

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: 53.031 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

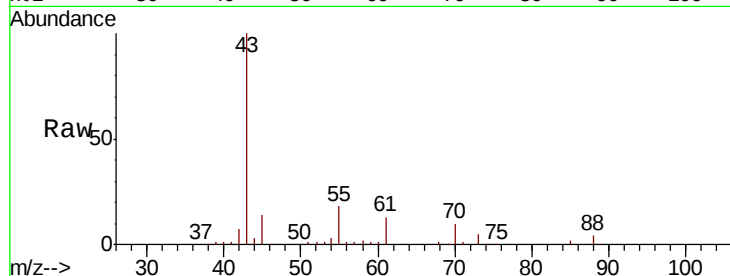
Tot Ion: 43 Resp: 175052

Ion Ratio Lower Upper

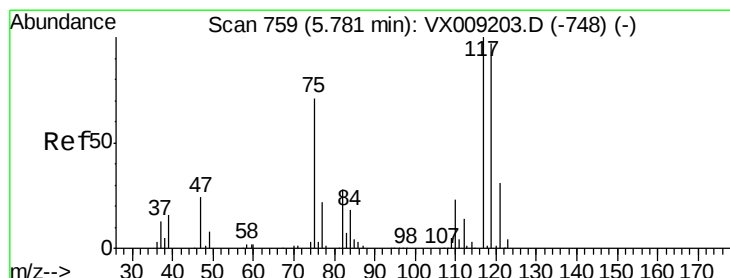
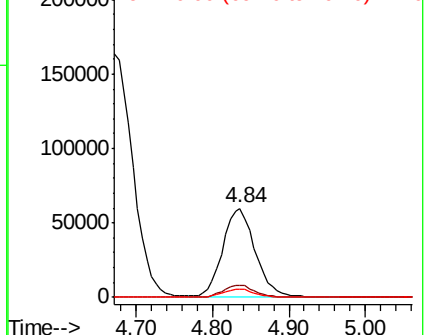
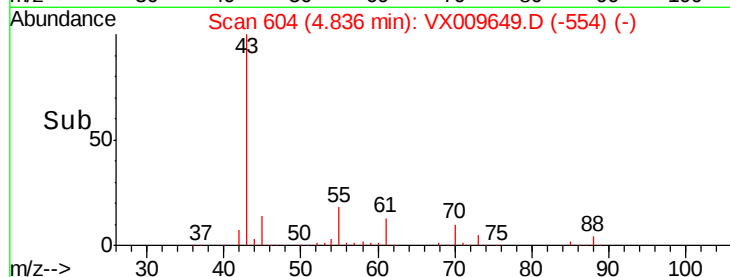
43 100

61 13.4 10.5 15.7

70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009649.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 50.182 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

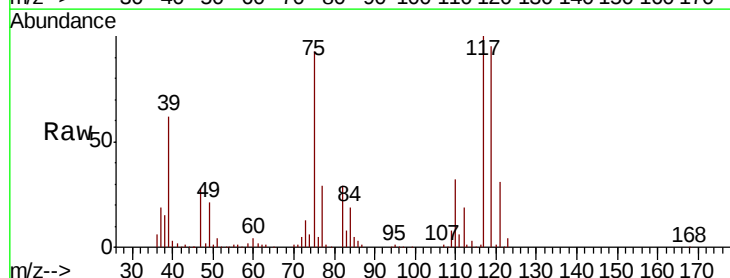
Tgt Ion: 117 Resp: 108018

Ion Ratio Lower Upper

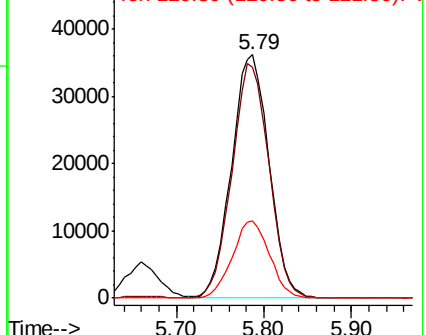
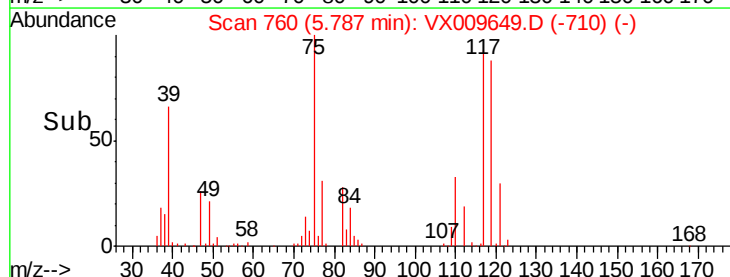
117 100

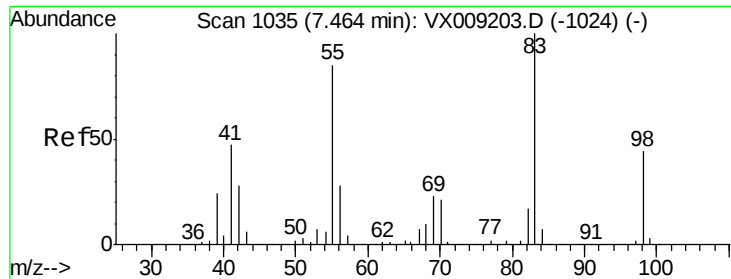
119 94.8 77.5 116.3

121 31.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009649.D (-710) (-)

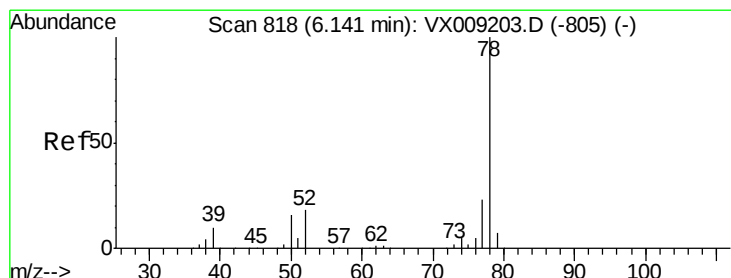
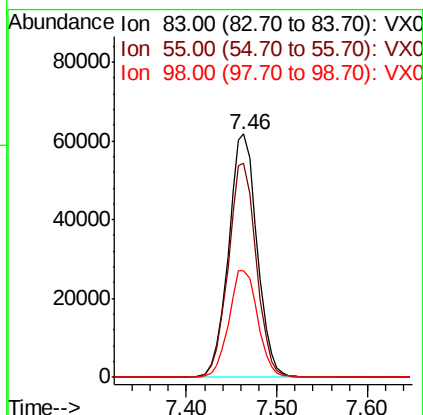
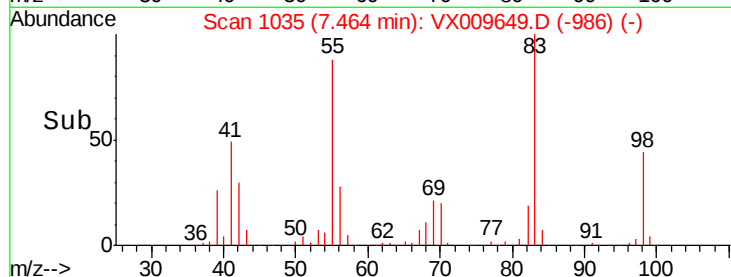
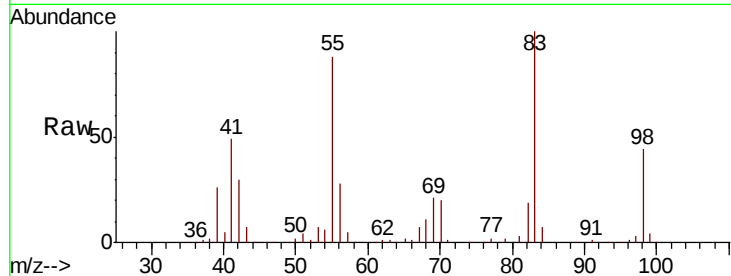




#39
Methvlcvclohexane
Concen: 46.757 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

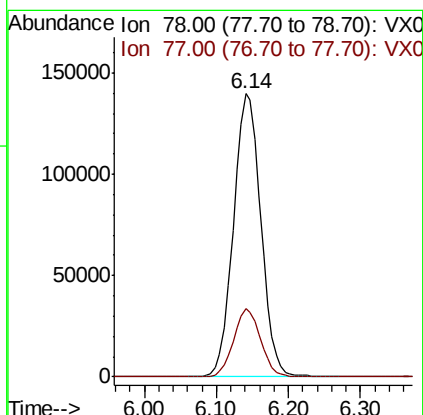
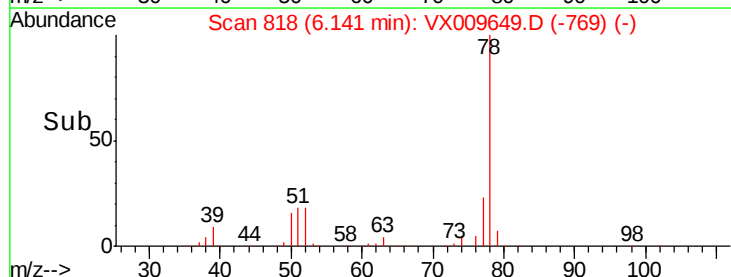
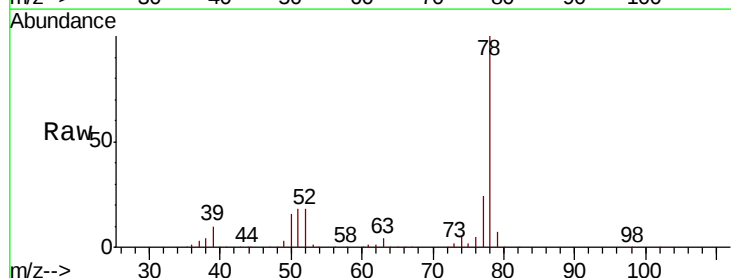
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 136042
Ion Ratio Lower Upper
83 100
55 87.6 67.7 101.5
98 44.0 35.5 53.3



#40
Benzene
Concen: 50.366 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 78 Resp: 369296
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 51.478 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 101153

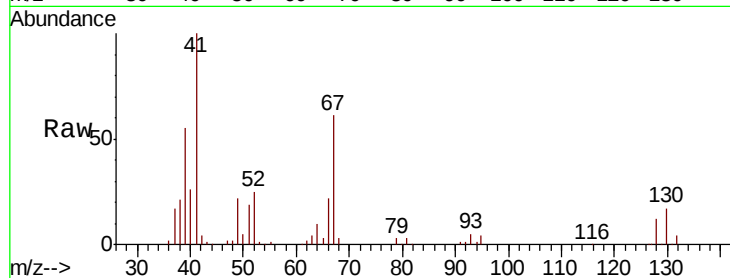
Ion Ratio Lower Upper

41 100

39 53.3 42.0 63.0

67 62.3 49.8 74.8

52 26.2 20.3 30.5

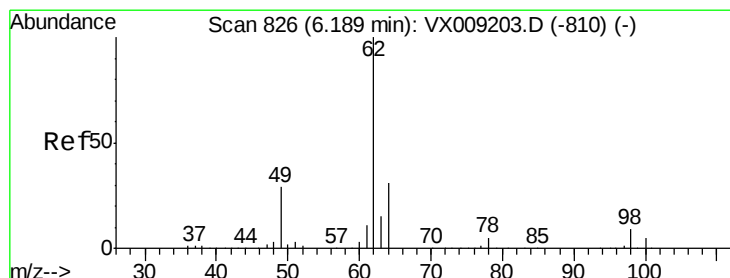
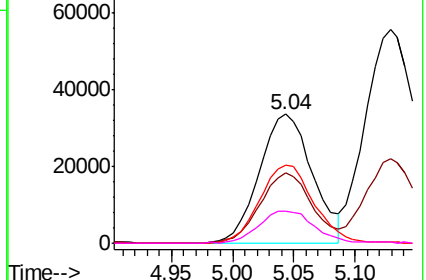
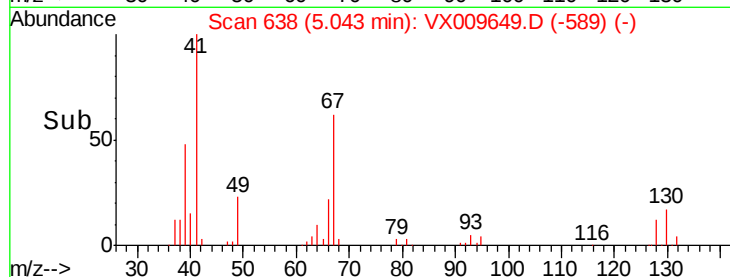


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 52.090 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009649.D

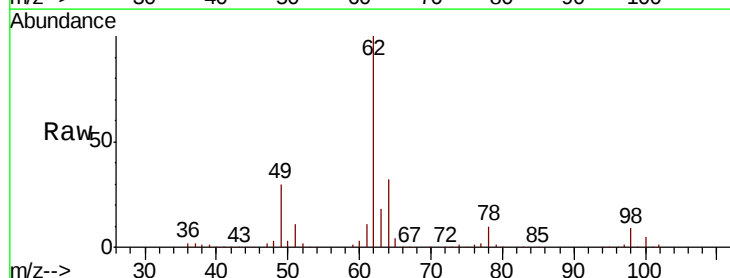
Acq: 17 May 2019 08:20

Tgt Ion: 62 Resp: 137006

Ion Ratio Lower Upper

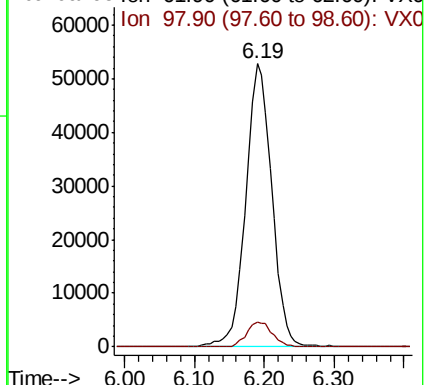
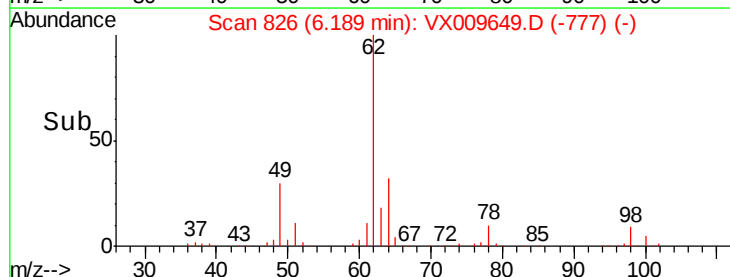
62 100

98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.587 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

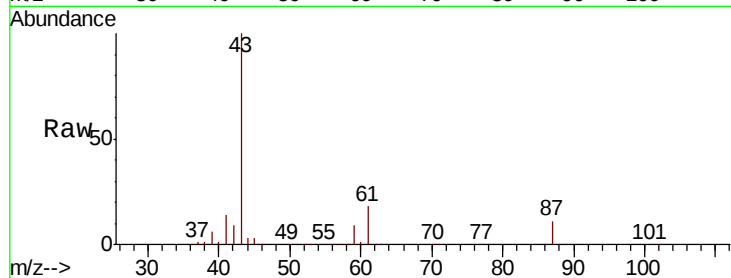
Tot Ion: 43 Resp: 282941

Ion Ratio Lower Upper

43 100

61 18.6 15.1 22.7

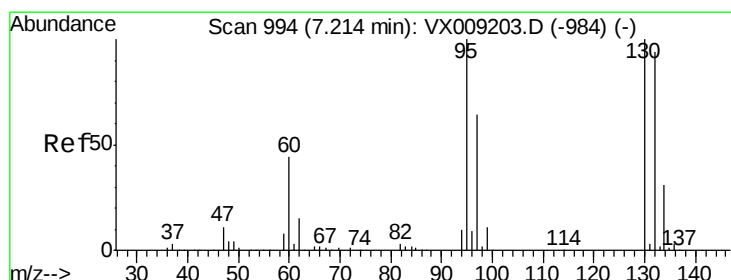
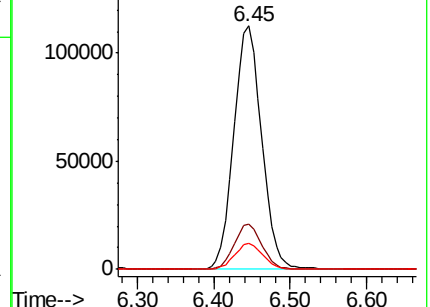
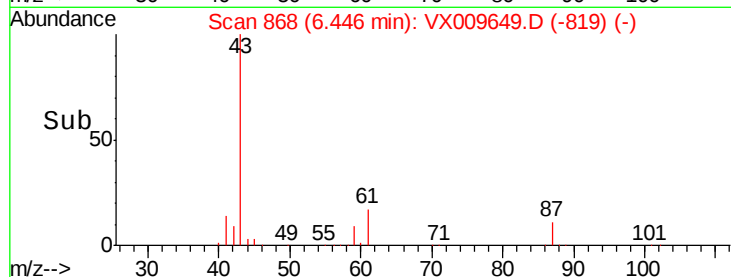
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX009649.D (-819) (-)

Ion 61.00 (60.70 to 61.70): VX009649.D (-819) (-)

Ion 87.00 (86.70 to 87.70): VX009649.D (-819) (-)



#44

Trichloroethene

Concen: 48.993 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009649.D

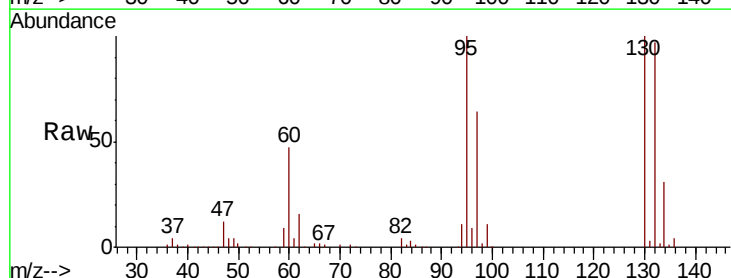
Acq: 17 May 2019 08:20

Tgt Ion:130 Resp: 86844

Ion Ratio Lower Upper

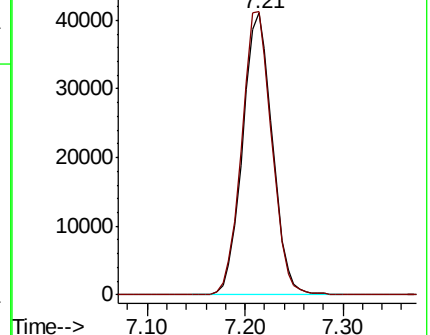
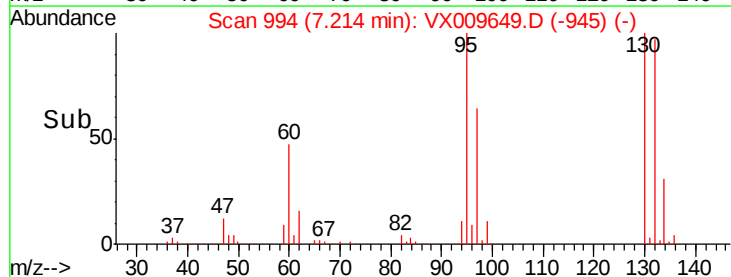
130 100

95 100.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VX009649.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX009649.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 51.181 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

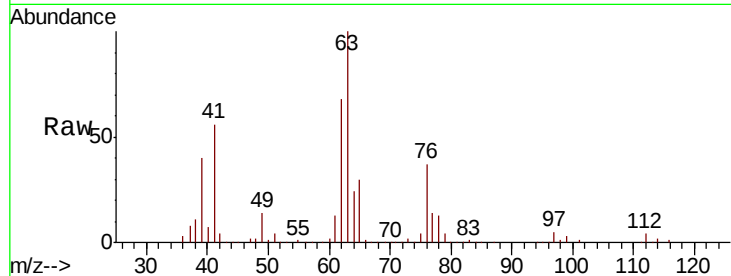
VSTDCCC050EC

Tot Ion: 63 Resp: 106260

Ion Ratio Lower Upper

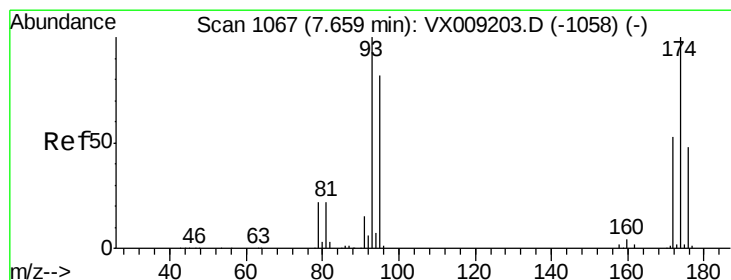
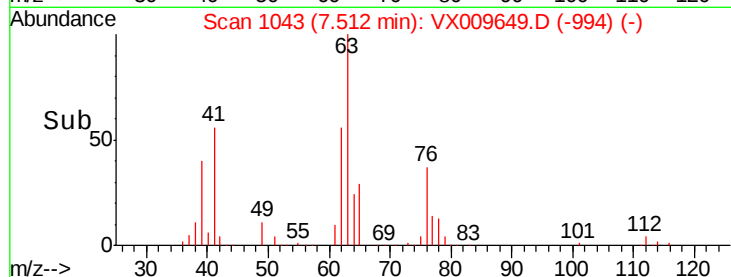
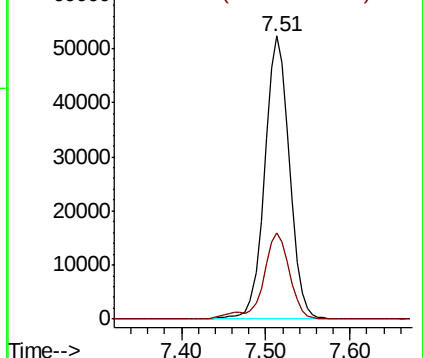
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.744 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

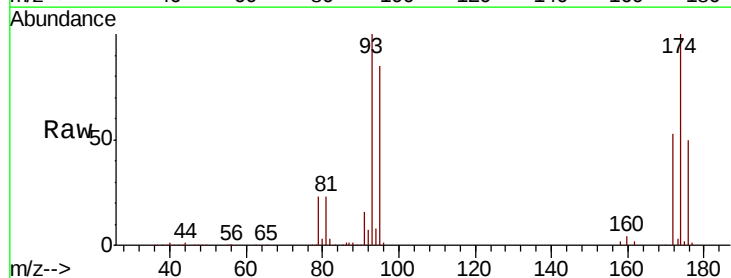
Tgt Ion: 93 Resp: 61179

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

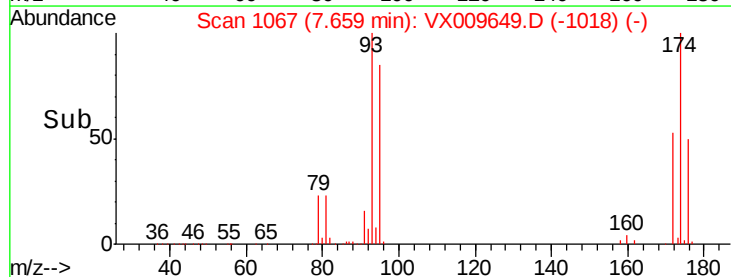
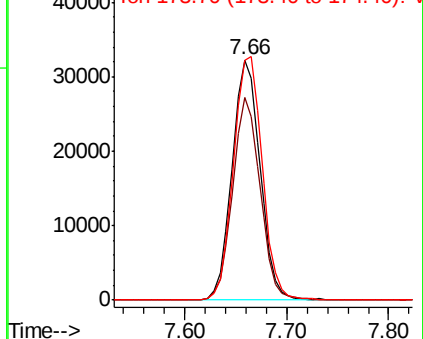
174 104.4 82.1 123.1

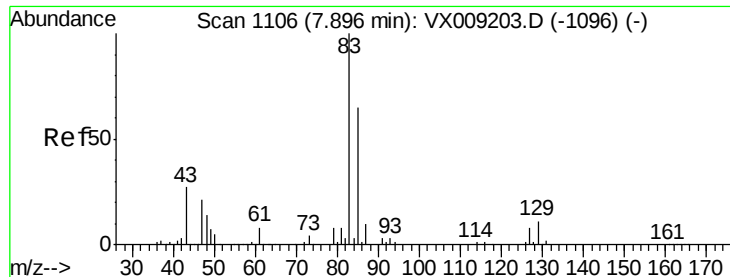


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.979 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

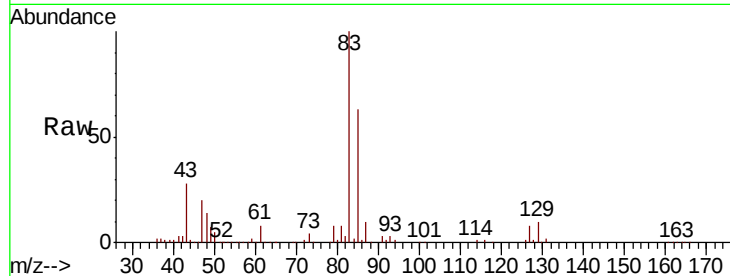
Tot Ion: 83 Resp: 125008

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

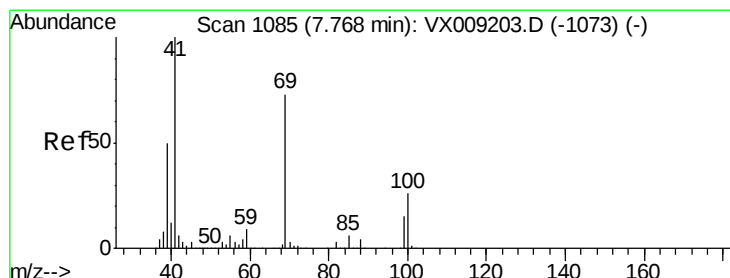
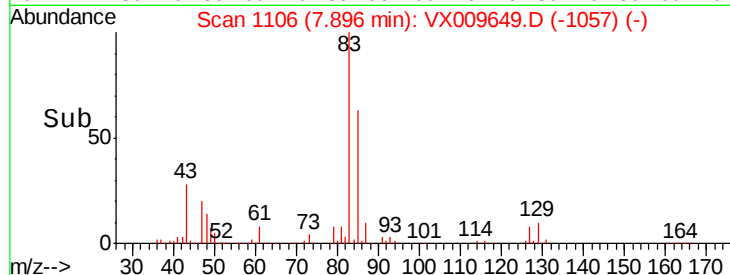
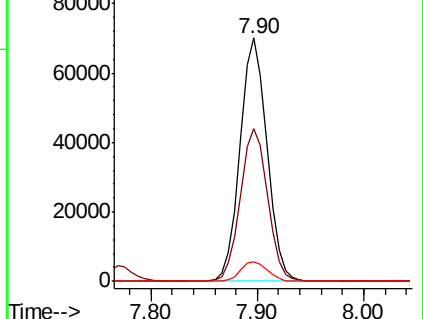
127 8.1 6.6 10.0



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: 54.273 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

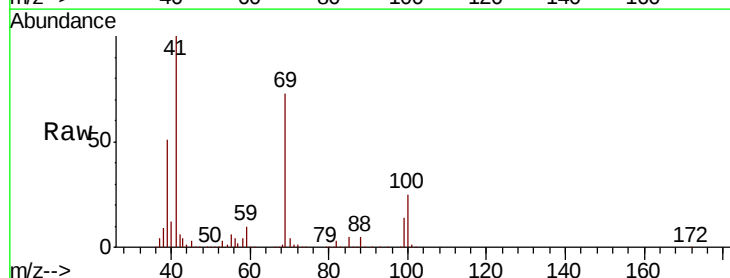
Tgt Ion: 41 Resp: 142172

Ion Ratio Lower Upper

41 100

69 72.1 59.1 88.7

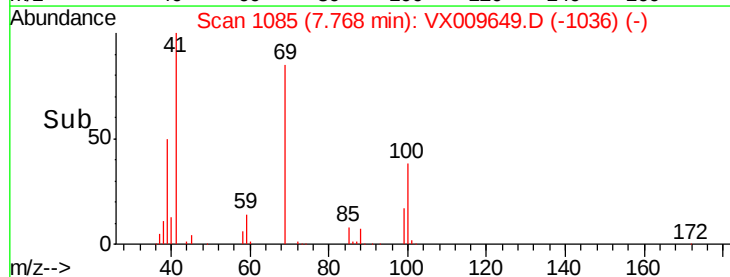
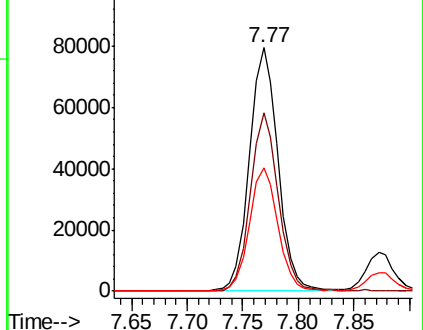
39 51.1 40.4 60.6

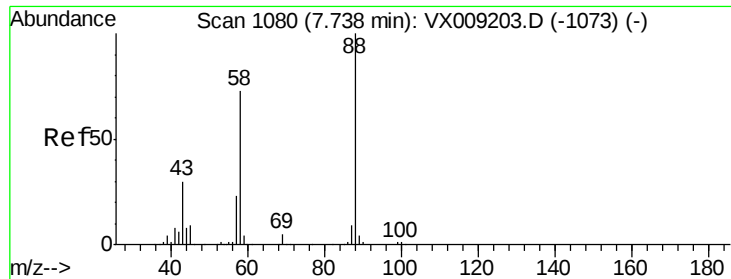


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

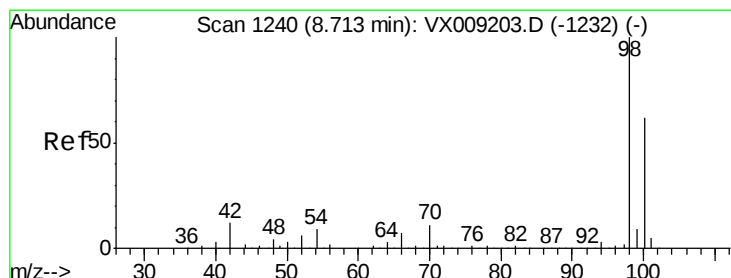
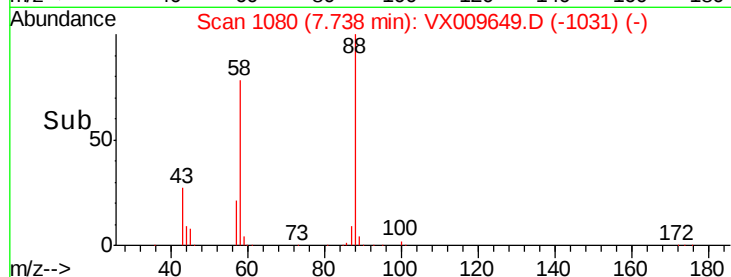
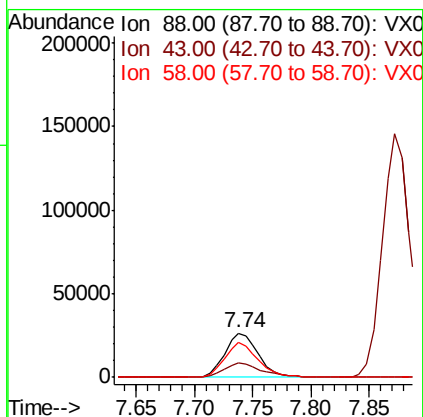
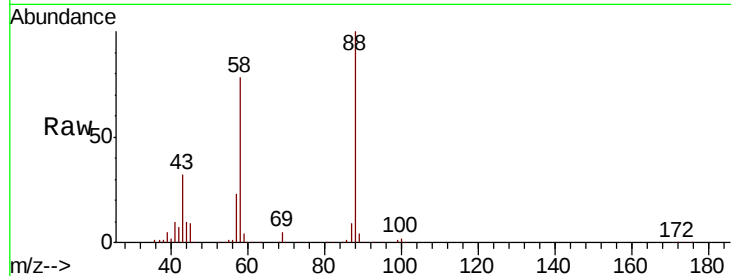




#49
1,4-Dioxane
Concen: 990.090 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

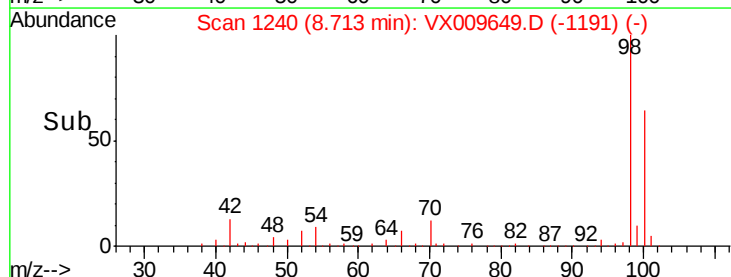
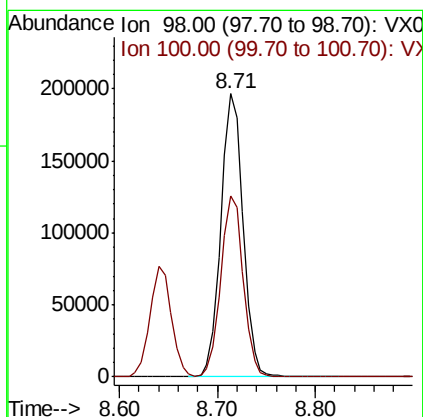
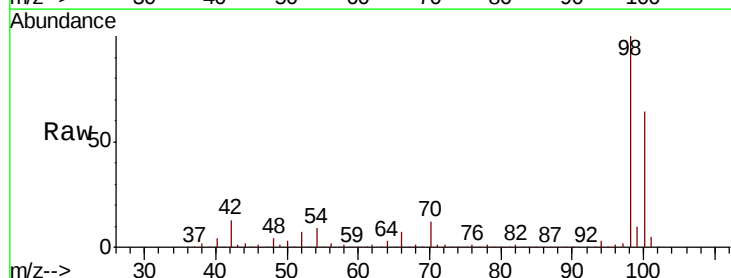
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

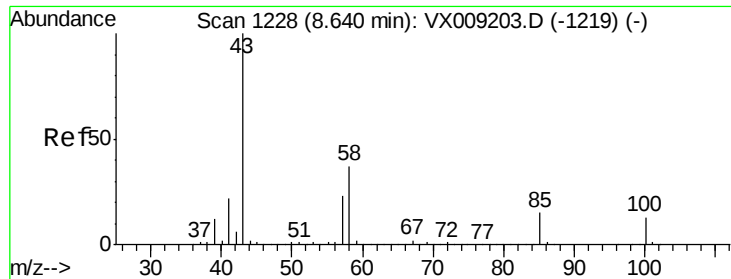
Tot Ion: 88 Resp: 52598
Ion Ratio Lower Upper
88 100
43 36.3 28.6 42.8
58 78.6 61.7 92.5



#50
Toluene-d8
Concen: 48.029 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 98 Resp: 310758
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 276.329 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

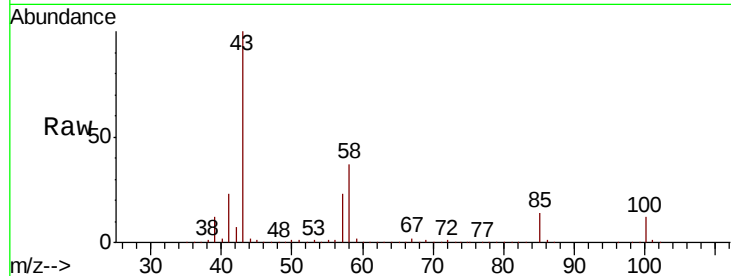
VSTDCCC050EC

Tot Ion: 43 Resp: 953656

Ion Ratio Lower Upper

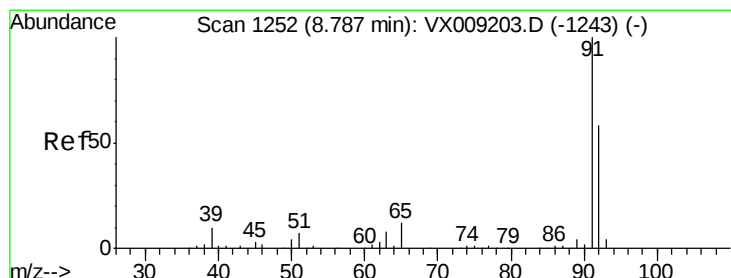
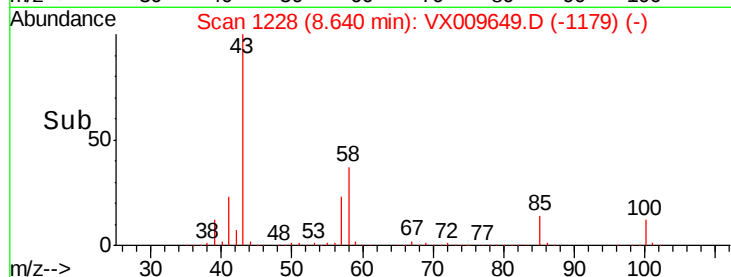
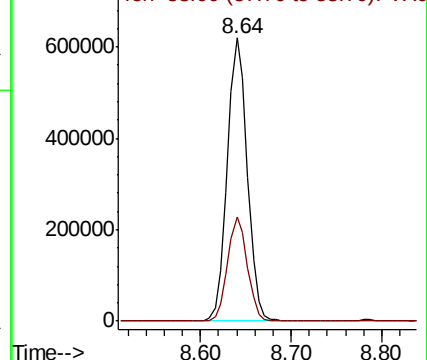
43 100

58 36.3 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.158 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009649.D

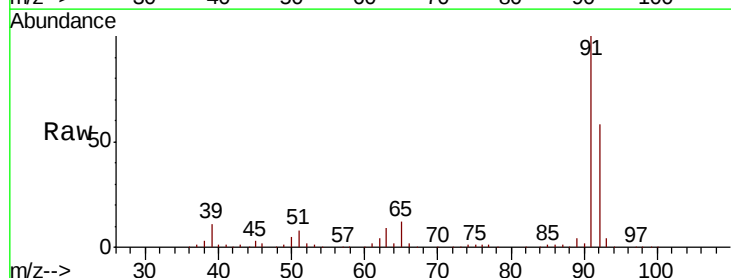
Acq: 17 May 2019 08:20

Tgt Ion: 92 Resp: 223556

Ion Ratio Lower Upper

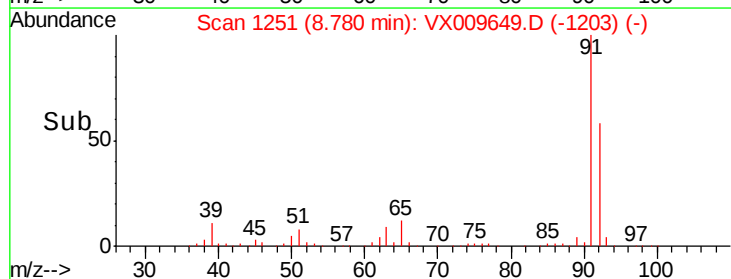
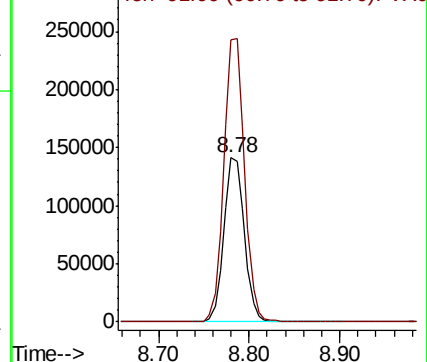
92 100

91 174.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

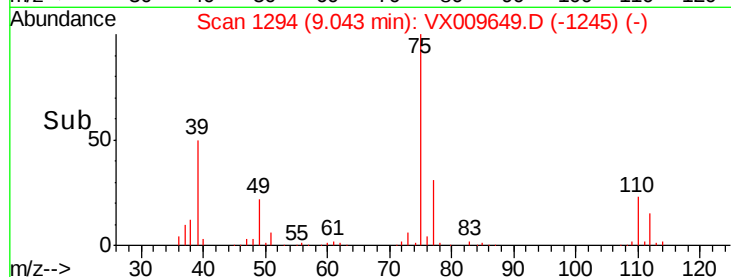
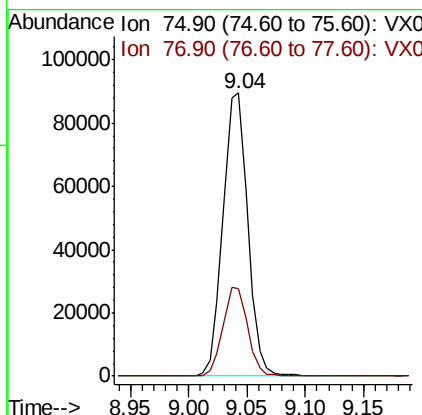
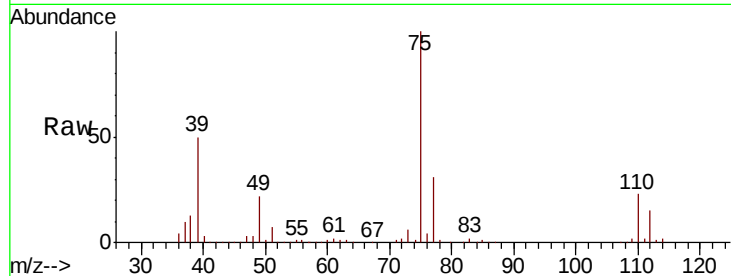




#53
 t-1,3-Dichloropropene
 Concen: 48.795 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

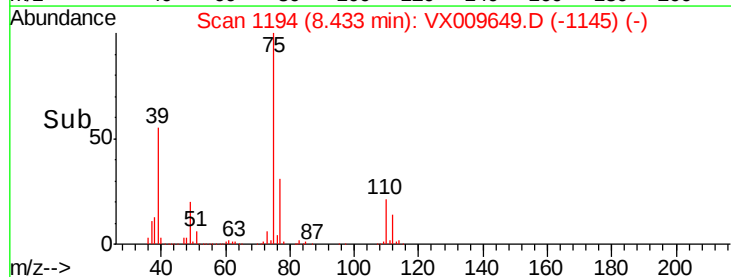
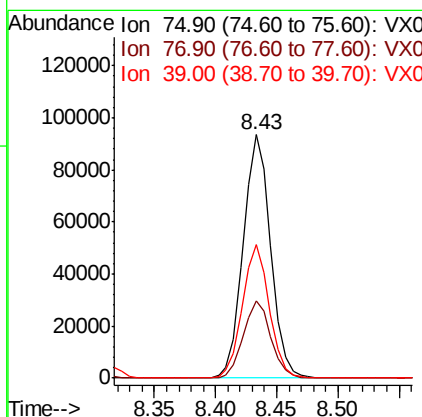
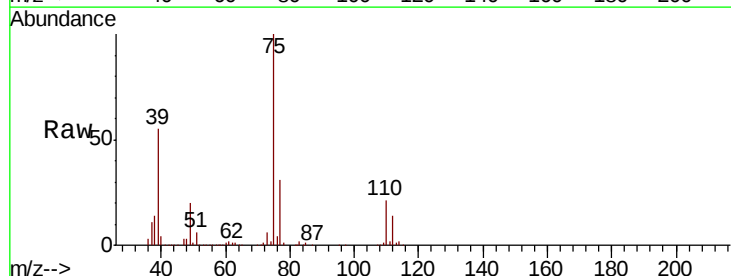
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

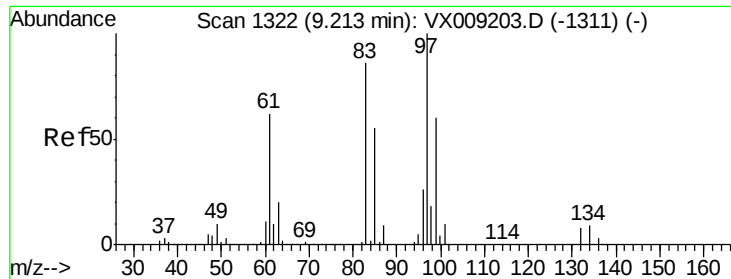
Tot Ion: 75 Resp: 132490
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.285 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion: 75 Resp: 145112
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 54.6 40.6 60.8

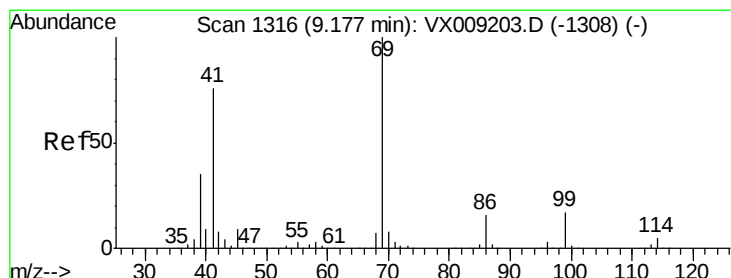
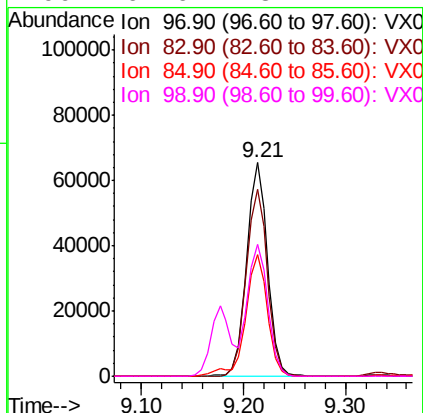
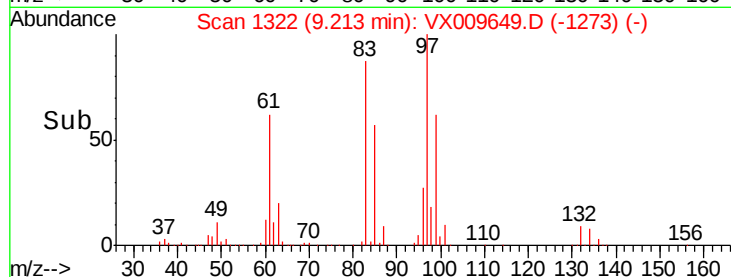
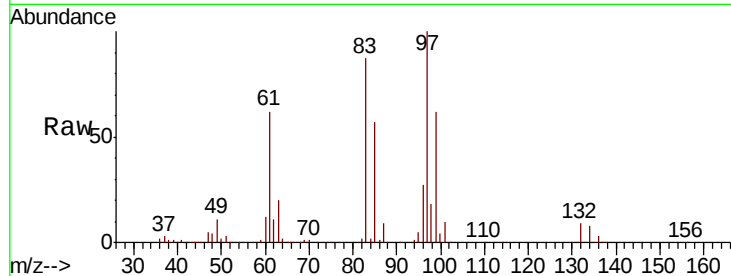




#55
1,1,2-Trichloroethane
Concen: 51.351 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

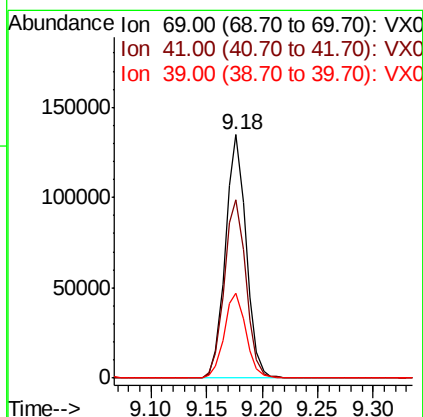
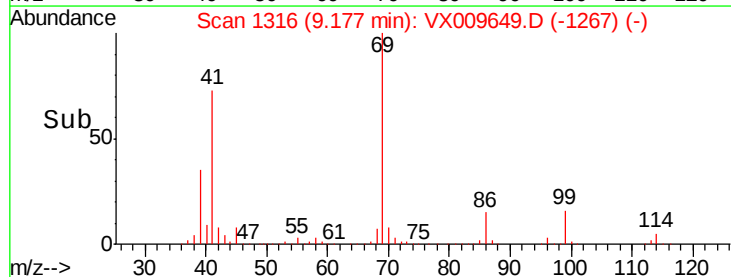
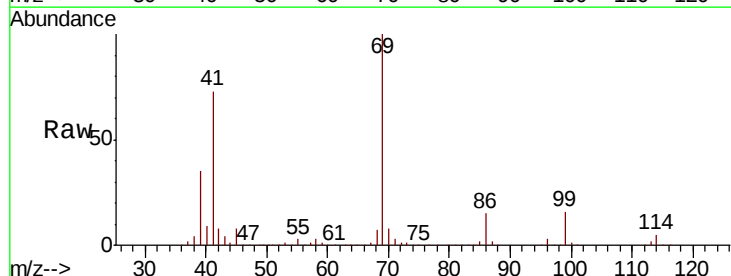
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

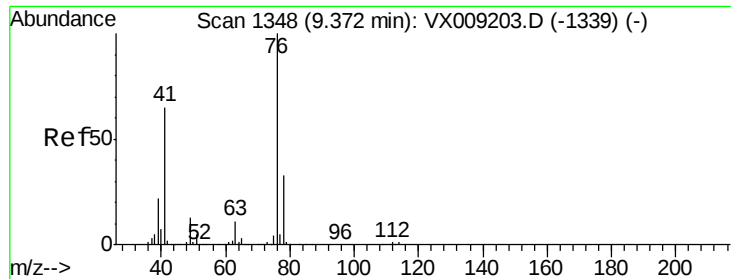
Tot Ion:	97	Resp:	93373
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.9	103.3
85	56.7	43.8	65.6
99	61.6	48.2	72.2



#56
Ethyl methacrylate
Concen: 53.757 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:	69	Resp:	174488
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.6	90.8
39	36.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.121 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

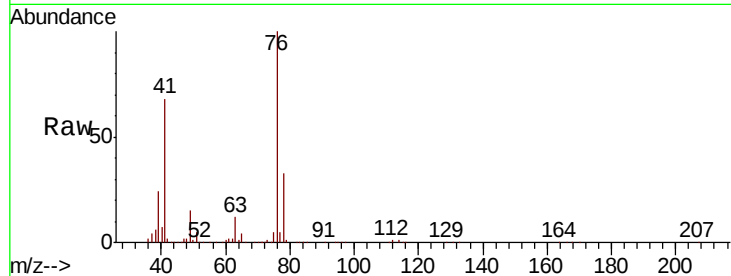
VSTDCCC050EC

Tot Ion: 76 Resp: 163580

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

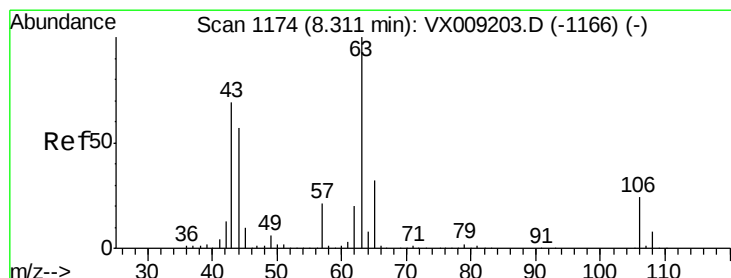
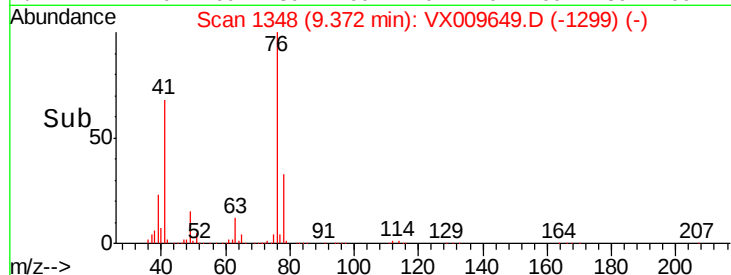
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 222.388 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009649.D

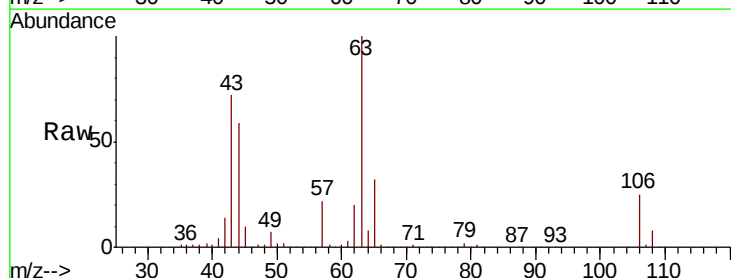
Acq: 17 May 2019 08:20

Tgt Ion: 63 Resp: 382933

Ion Ratio Lower Upper

63 100

106 24.7 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

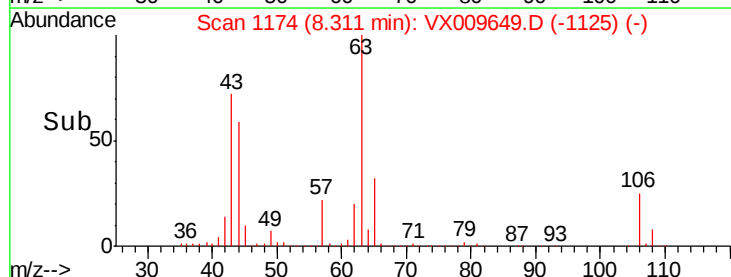
150000

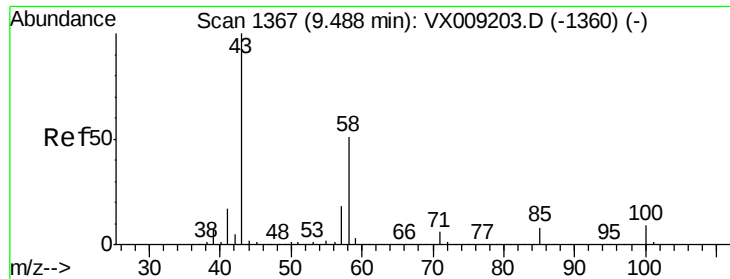
100000

50000

0

Time-->

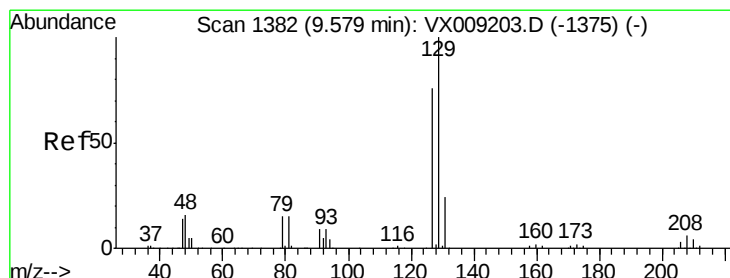
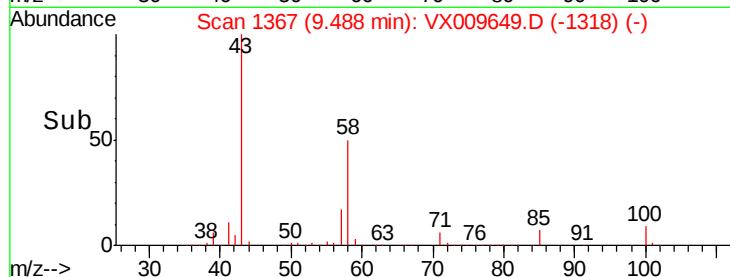
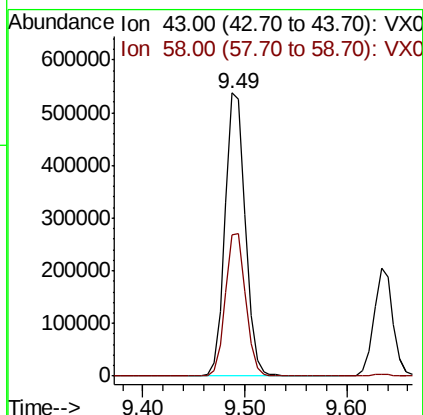
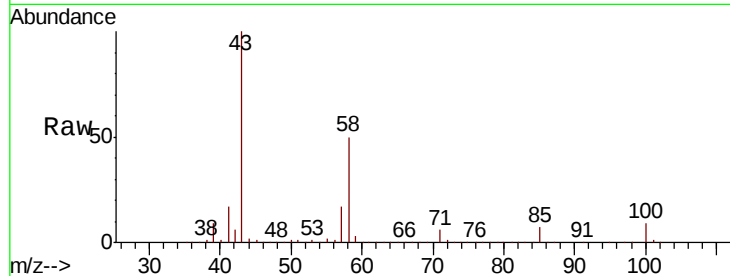




#59
2-Hexanone
Concen: 272.695 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

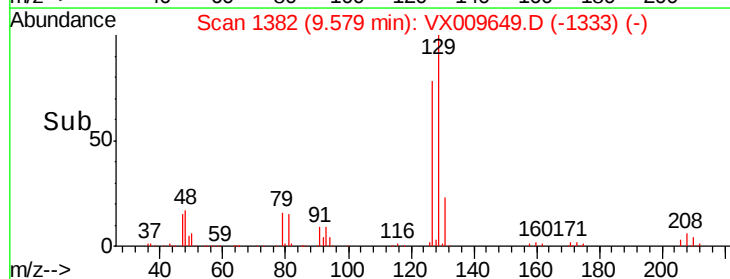
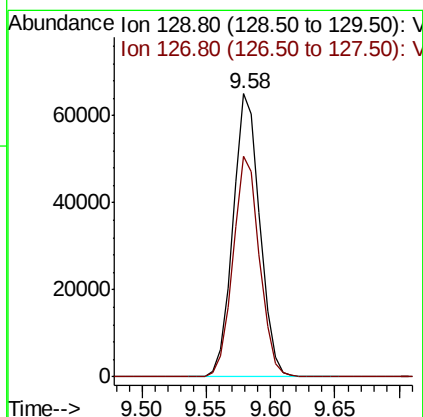
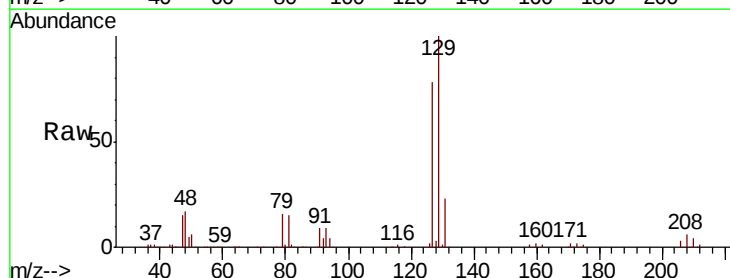
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

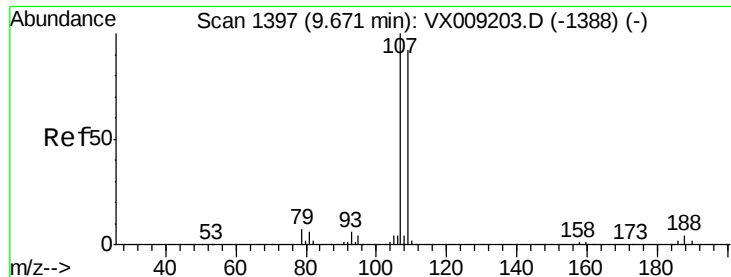
Tot Ion: 43 Resp: 739140
Ion Ratio Lower Upper
43 100
58 50.4 25.9 77.7



#60
Dibromochloromethane
Concen: 53.047 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 129 Resp: 94209
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.730 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

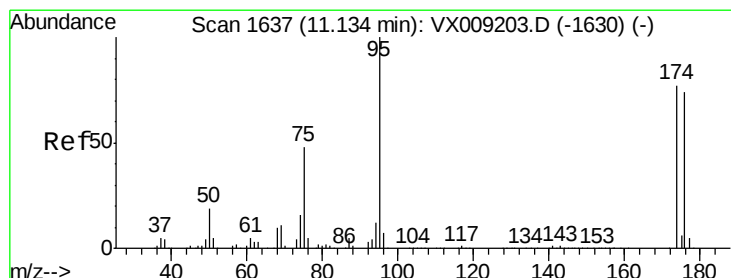
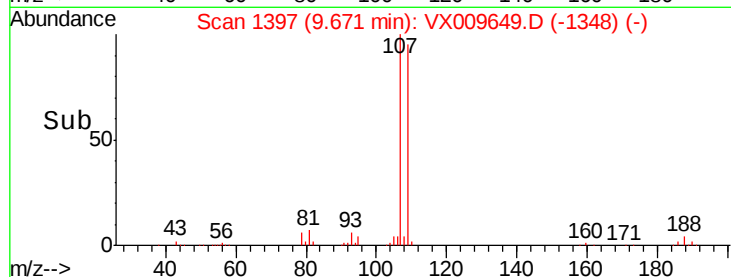
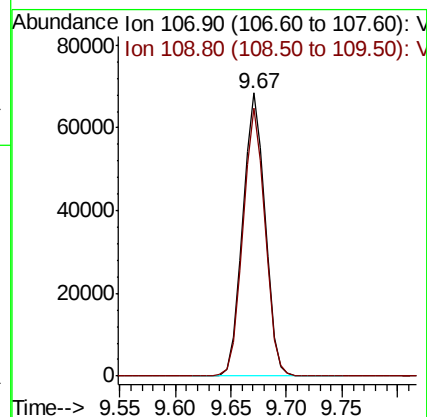
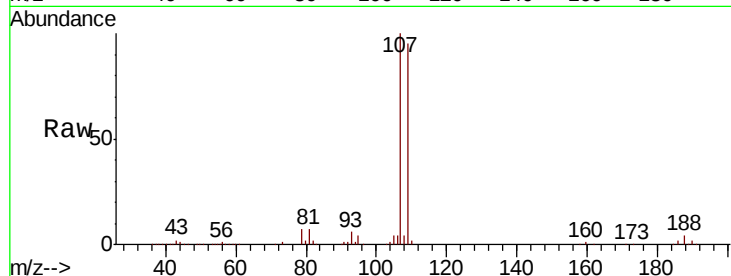
VSTDCCC050EC

Tot Ion:107 Resp: 94950

Ion Ratio Lower Upper

107 100

109 93.9 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 50.274 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

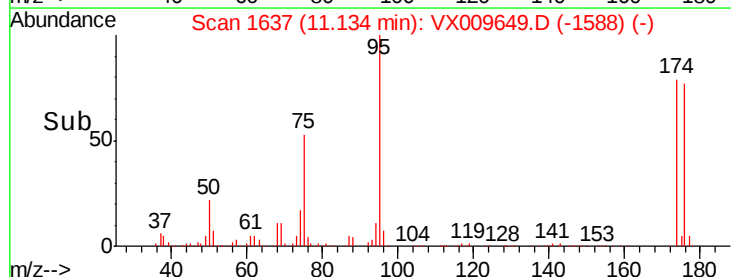
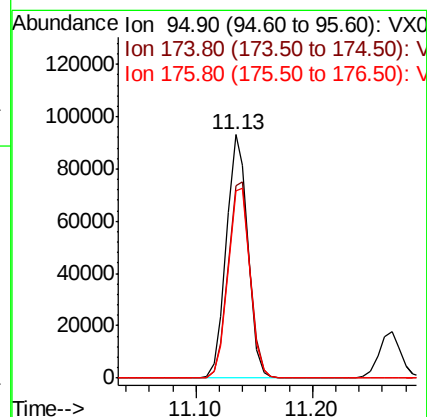
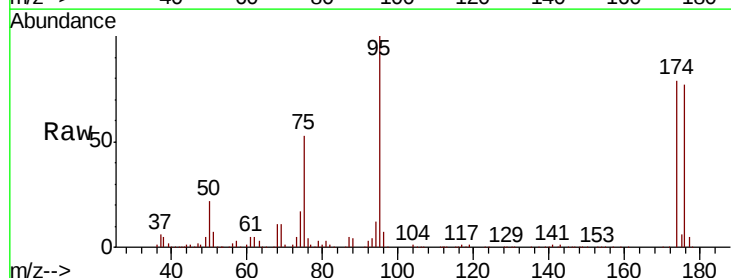
Tgt Ion: 95 Resp: 118196

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.6

176 80.2 0.0 159.2

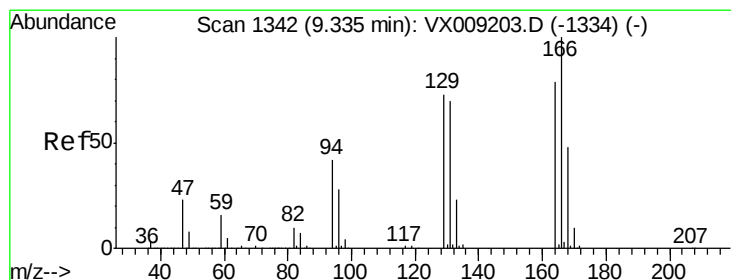
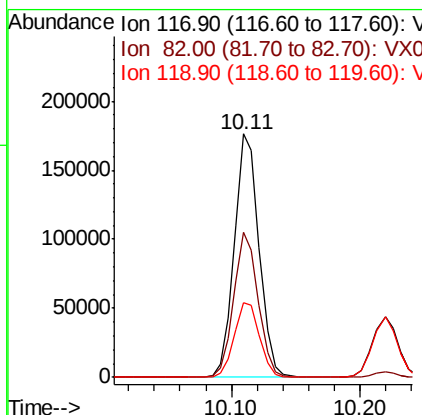
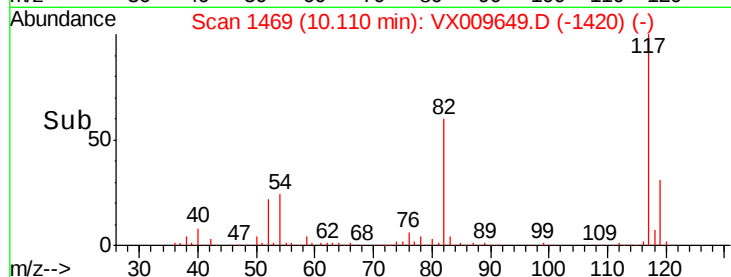
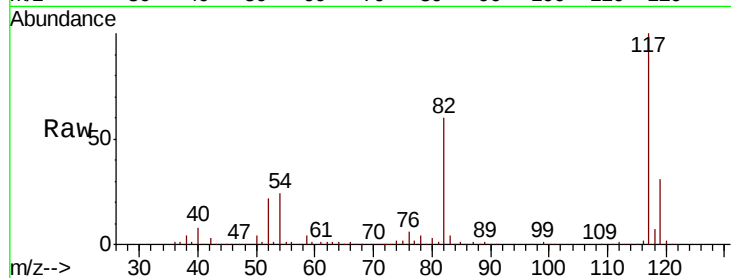




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

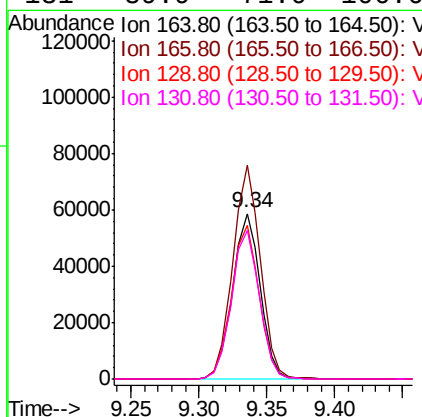
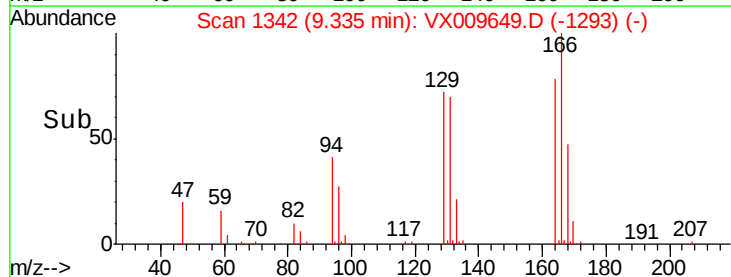
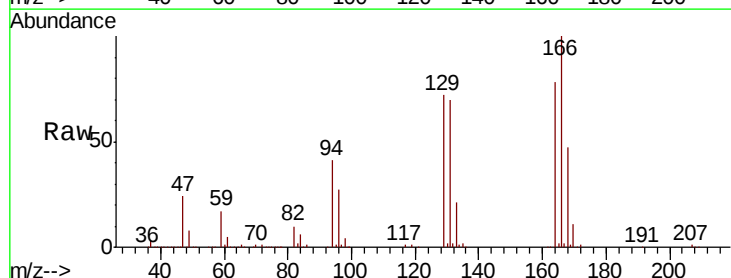
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

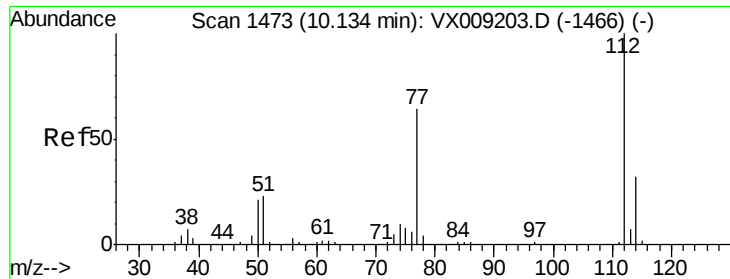
Tot Ion:117 Resp: 235536
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 51.729 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:164 Resp: 83577
Ion Ratio Lower Upper
164 100
166 128.9 101.2 151.8
129 92.4 74.3 111.5
131 89.9 71.0 106.6

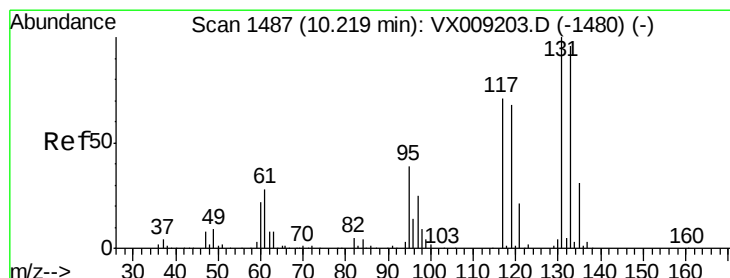
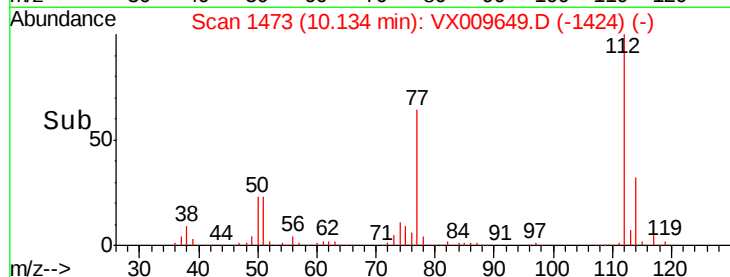
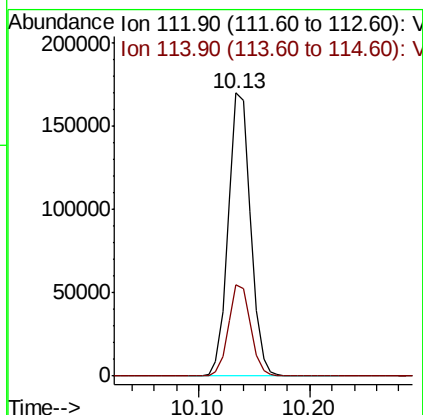
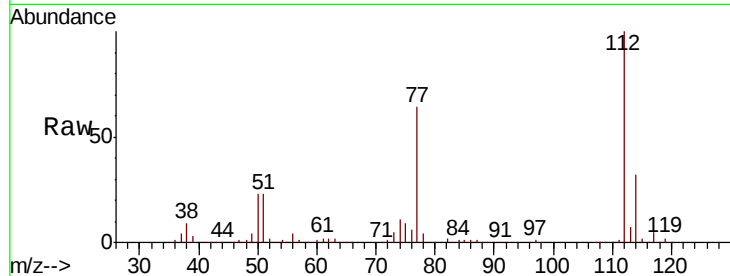




#65
Chlorobenzene
Concen: 49.968 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

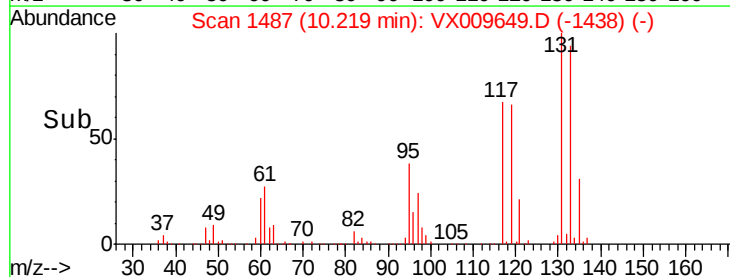
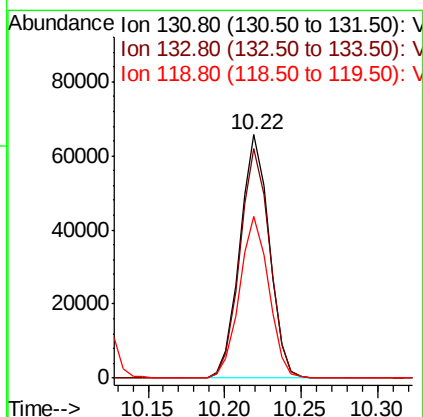
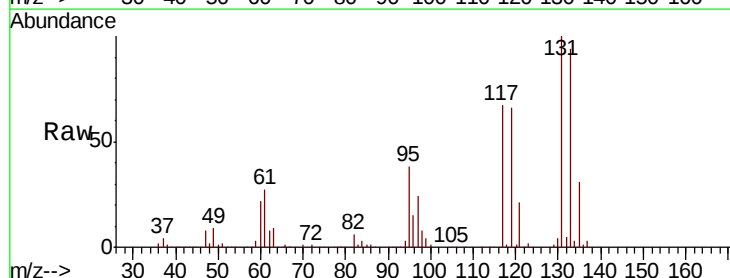
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

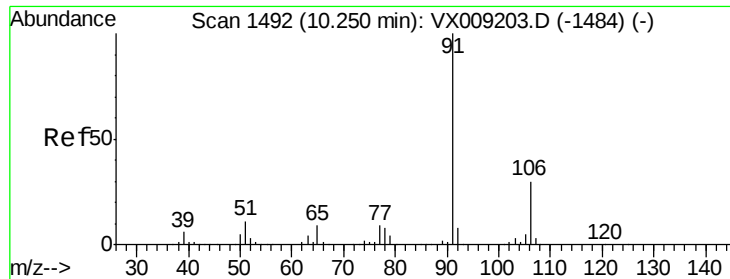
Tot Ion:112 Resp: 235438
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.283 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:131 Resp: 87603
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.3 33.5 100.4

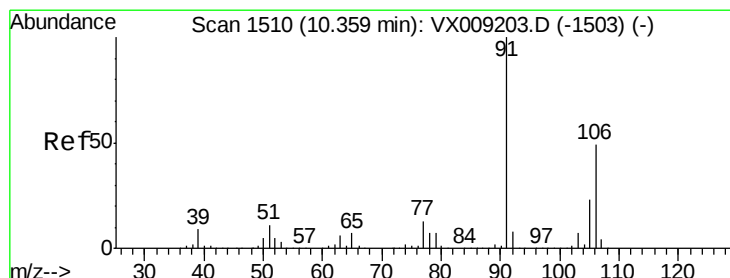
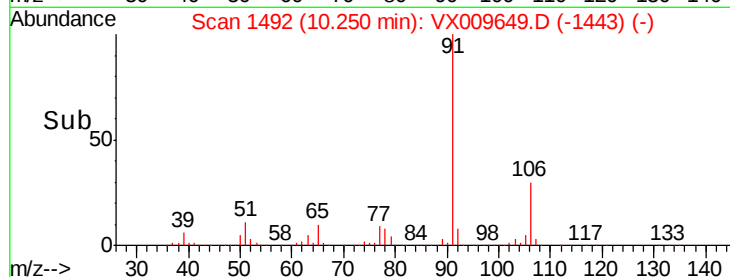
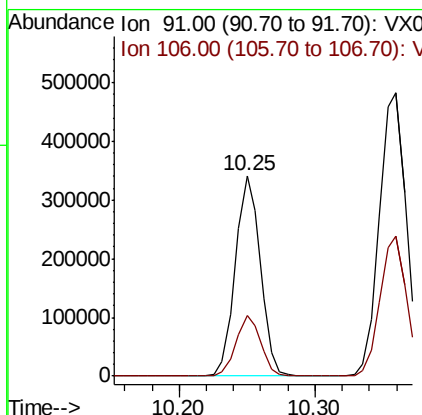
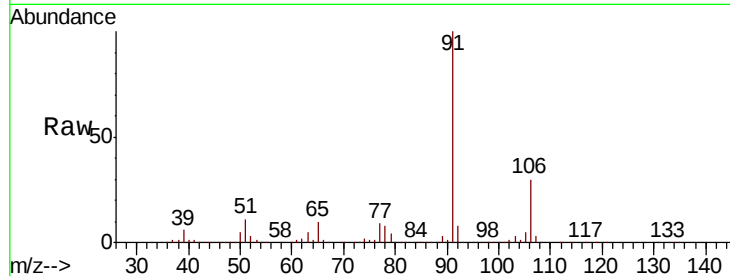




#67
Ethyl Benzene
Concen: 50.341 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

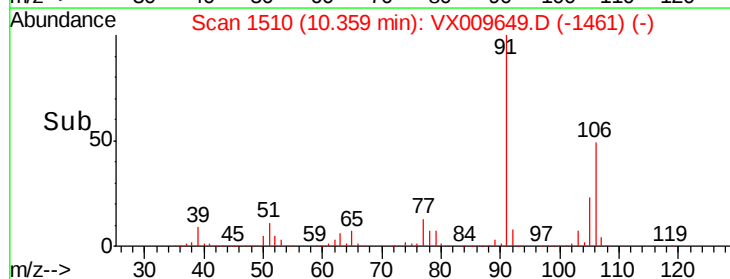
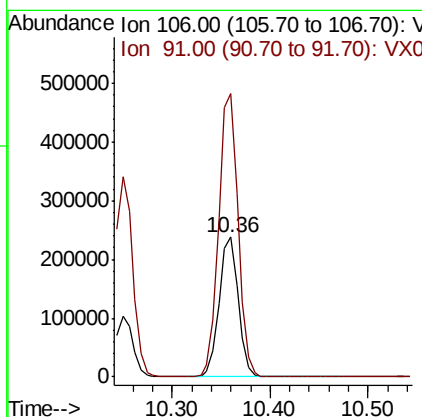
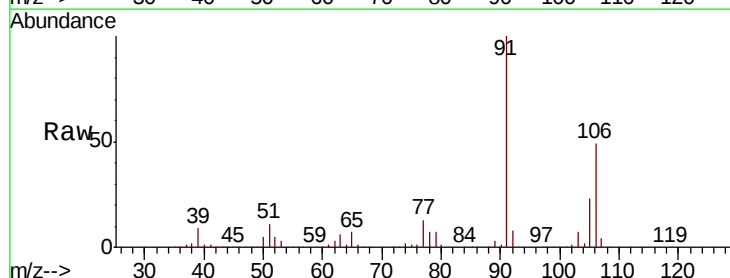
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

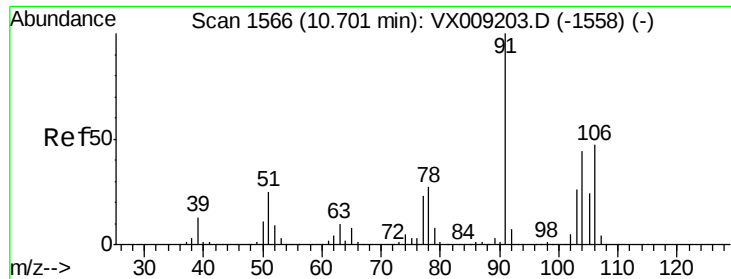
Tot Ion: 91 Resp: 436534
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 101.686 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 106 Resp: 322226
Ion Ratio Lower Upper
106 100
91 206.3 164.0 246.0

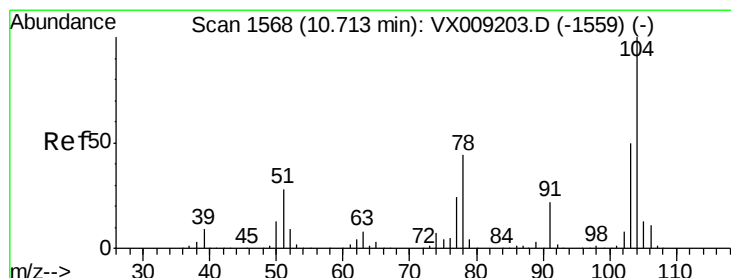
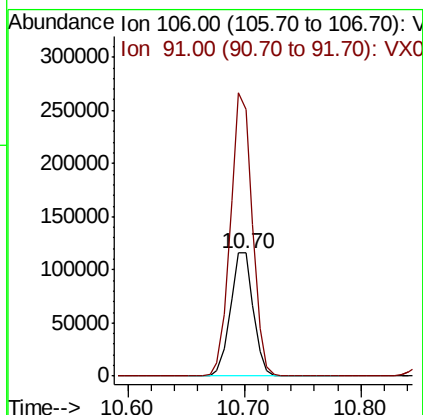
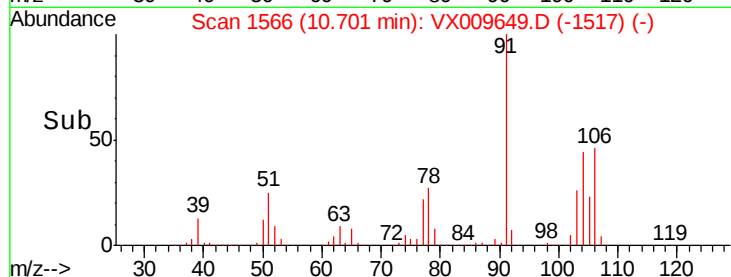
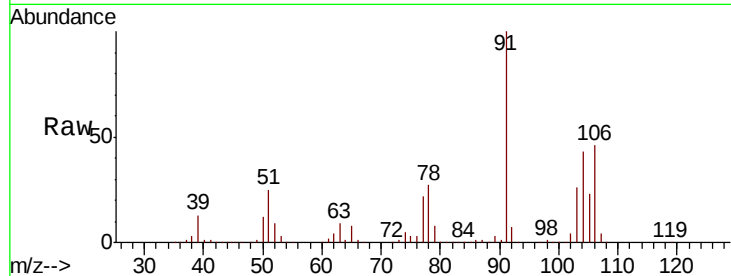




#69
o-Xylene
Concen: 50.618 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

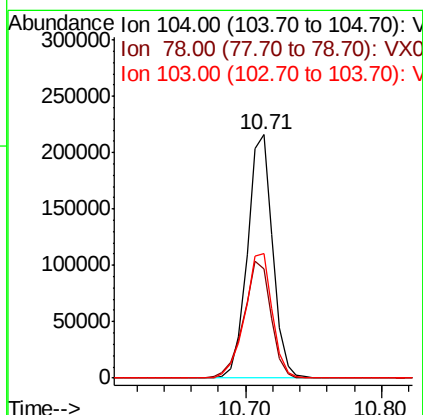
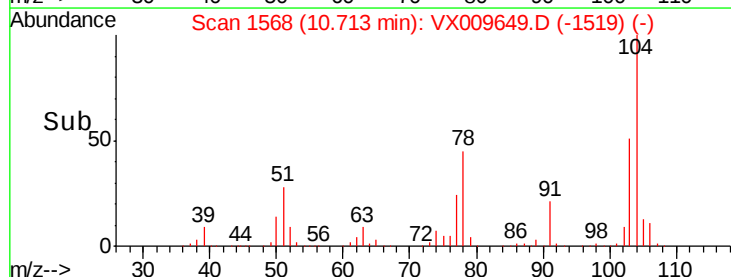
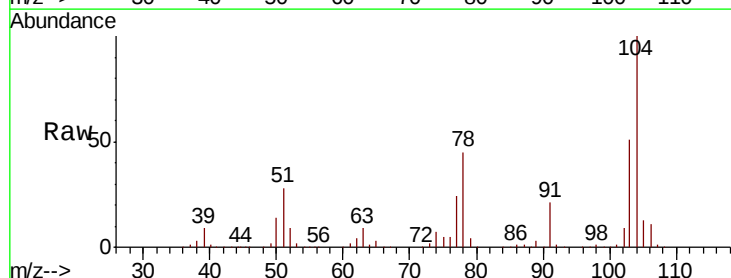
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

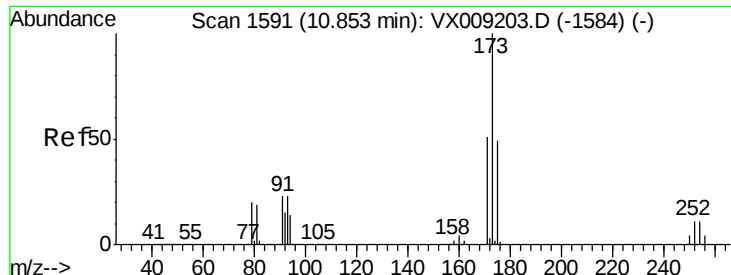
Tot Ion:106 Resp: 158258
Ion Ratio Lower Upper
106 100
91 220.8 109.5 328.4



#70
Styrene
Concen: 51.373 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:104 Resp: 279165
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.8 43.8 65.6

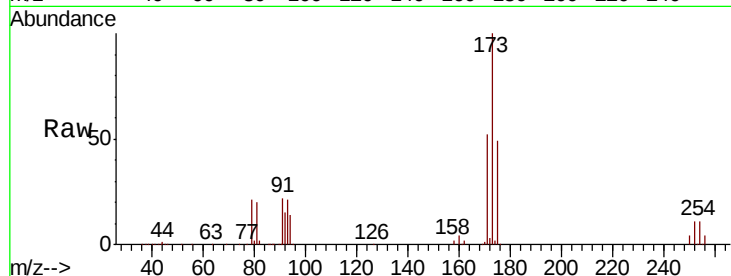




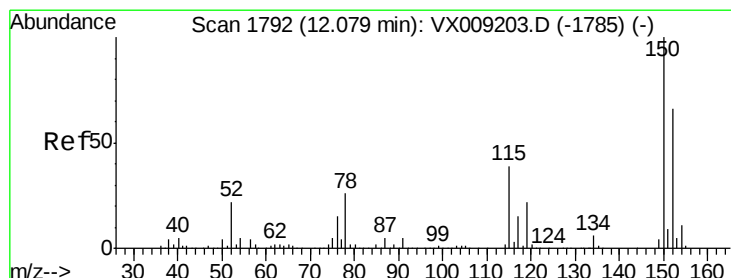
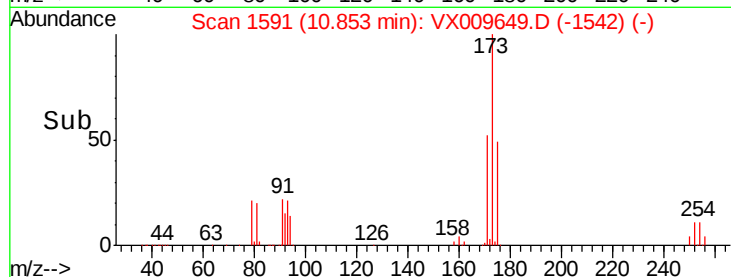
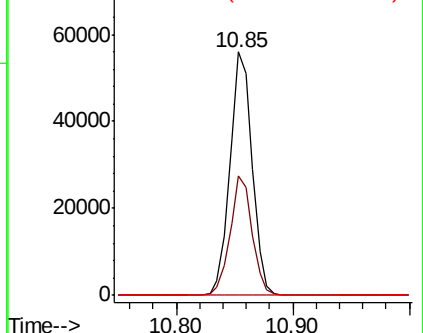
#71
Bromoform
Concen: 53.454 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 74204
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.2 0.1 0.1#

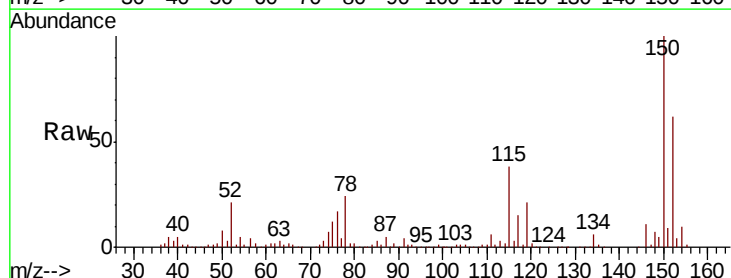


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

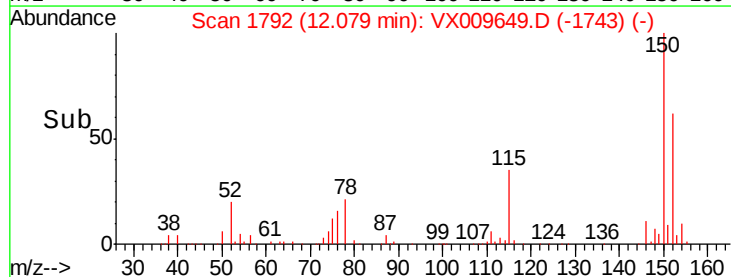
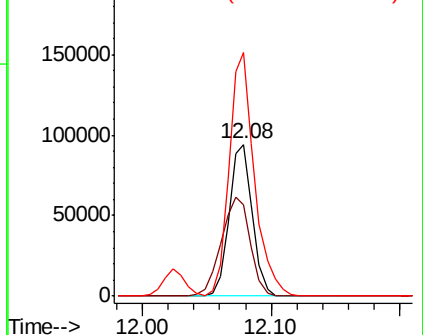


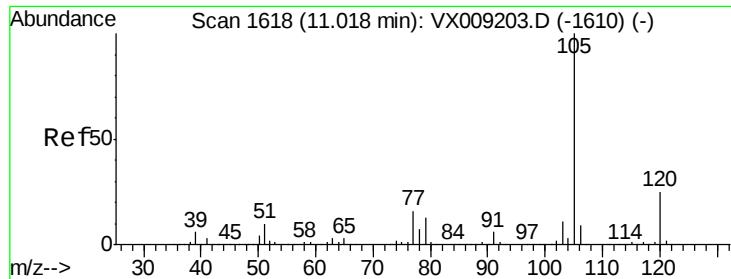
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:152 Resp: 118079
Ion Ratio Lower Upper
152 100
115 81.8 41.2 123.6
150 174.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 48.987 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

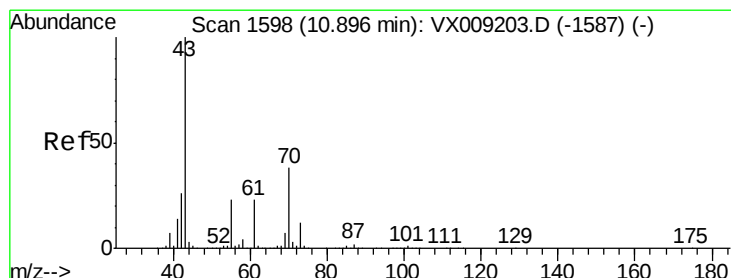
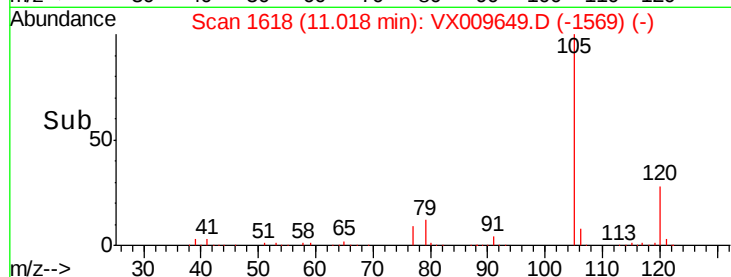
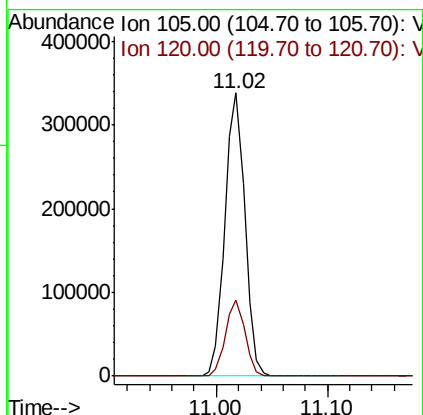
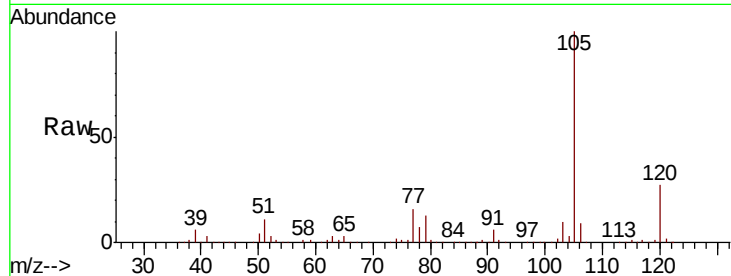
VSTDCCC050EC

Tot Ion:105 Resp: 420628

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



#74

N-ethyl acetate

Concen: 52.316 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Tgt Ion: 43 Resp: 261897

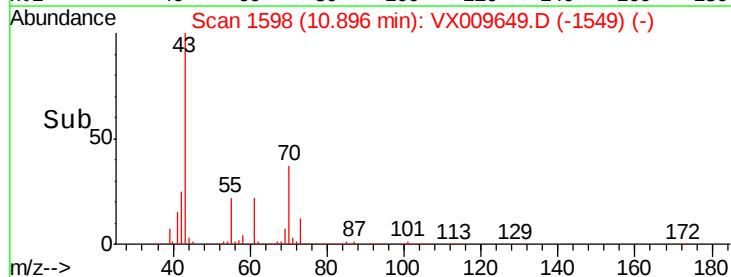
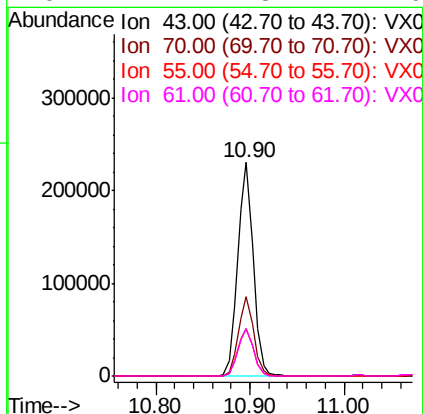
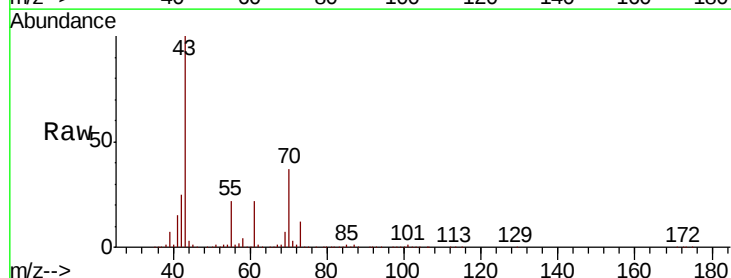
Ion Ratio Lower Upper

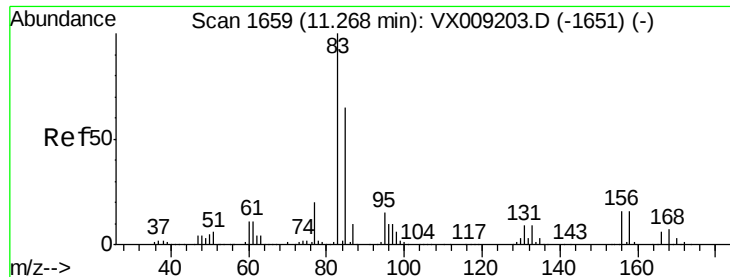
43 100

70 36.4 30.0 45.0

55 22.6 17.9 26.9

61 22.1 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.986 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

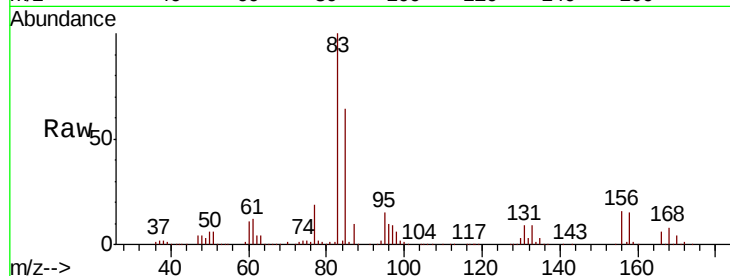
Tot Ion: 83 Resp: 160002

Ion Ratio Lower Upper

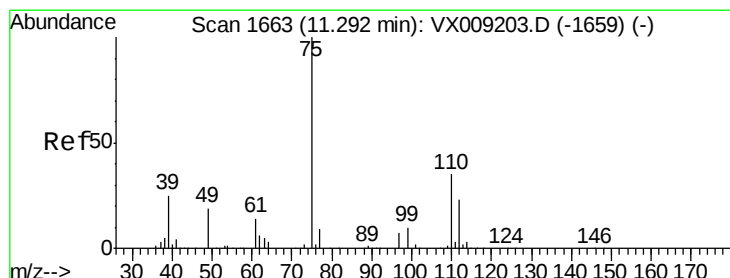
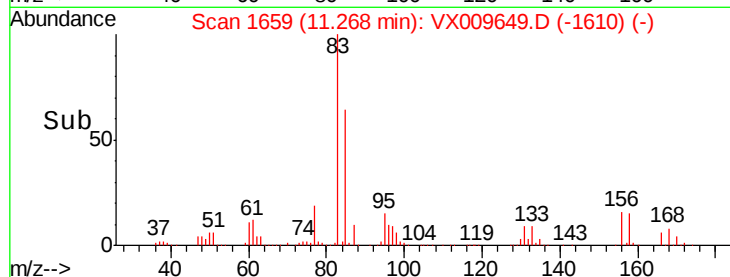
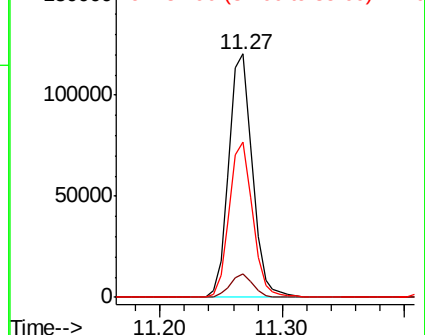
83 100

131 9.3 4.6 13.8

85 63.8 32.0 96.2



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: 66.319 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009649.D

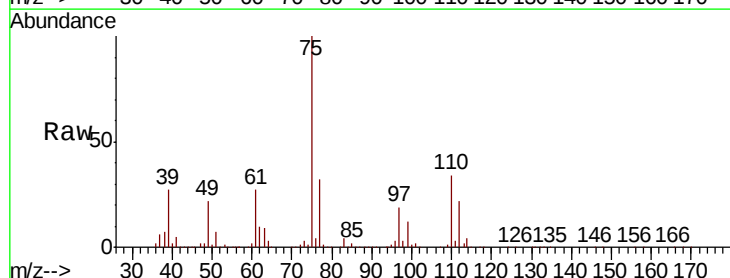
Acq: 17 May 2019 08:20

Tgt Ion: 75 Resp: 181649

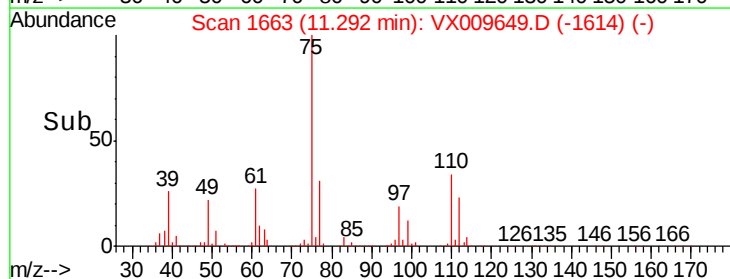
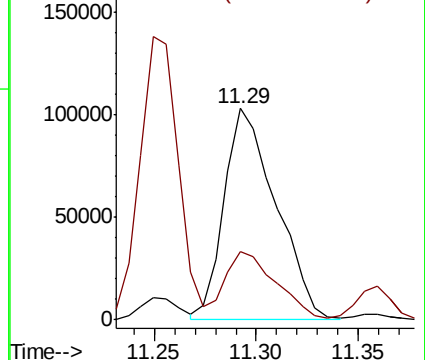
Ion Ratio Lower Upper

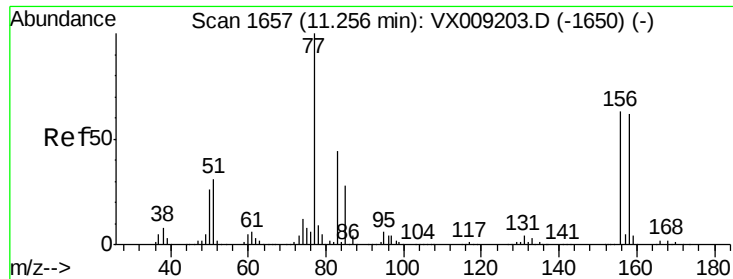
75 100

77 31.9 22.1 66.1



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





#77

Bromobenzene

Concen: 49.863 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

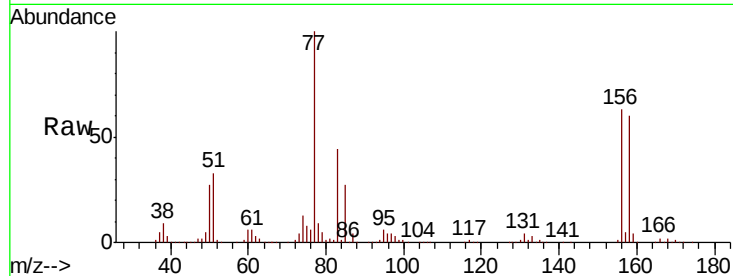
Tot Ion:156 Resp: 106269

Ion Ratio Lower Upper

156 100

77 169.1 84.8 254.3

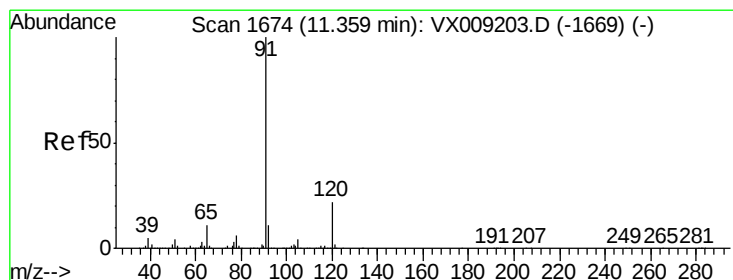
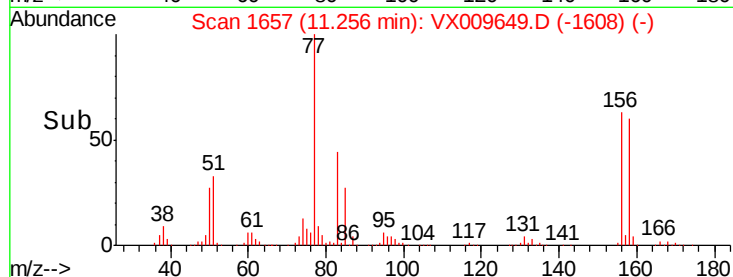
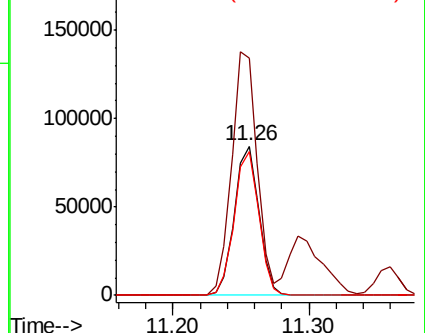
158 97.1 49.1 147.3



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: 49.379 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009649.D

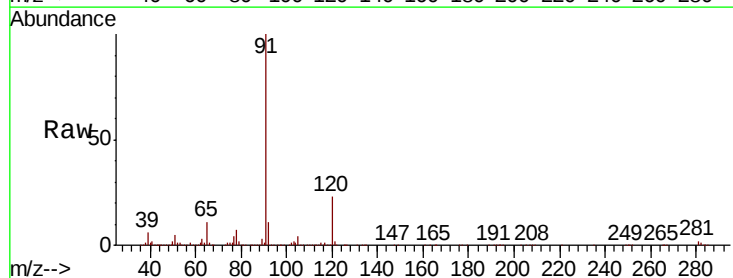
Acq: 17 May 2019 08:20

Tgt Ion: 91 Resp: 484224

Ion Ratio Lower Upper

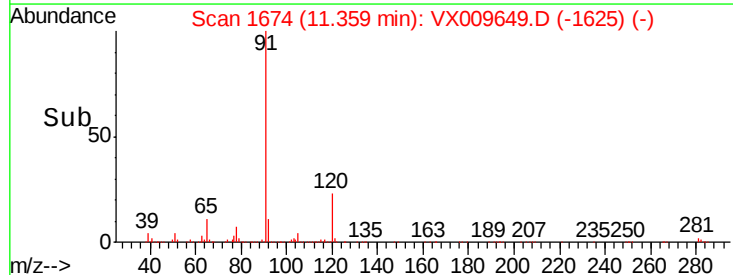
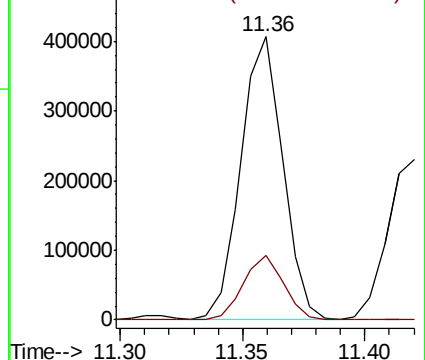
91 100

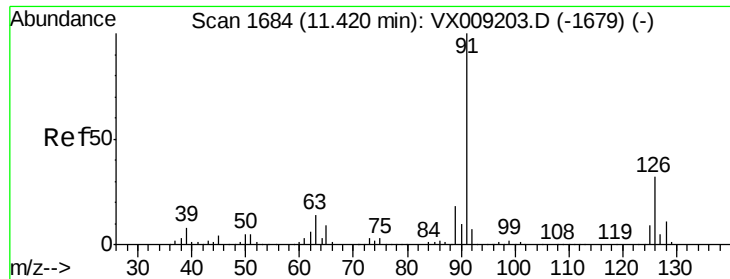
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

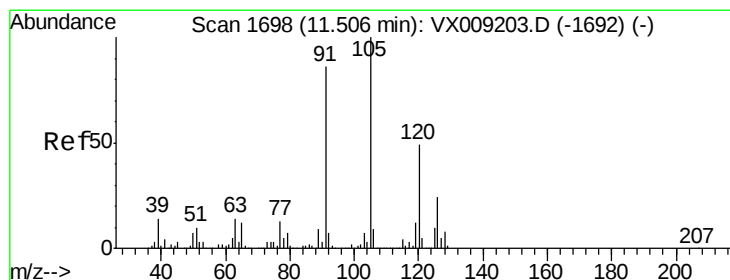
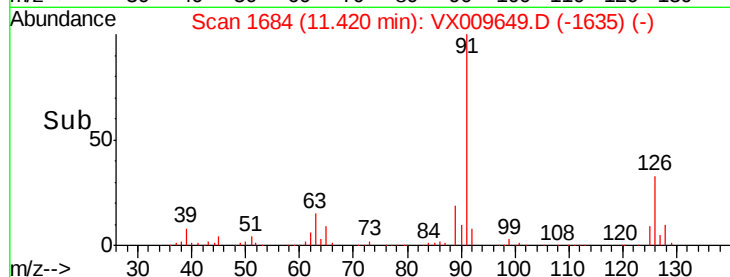
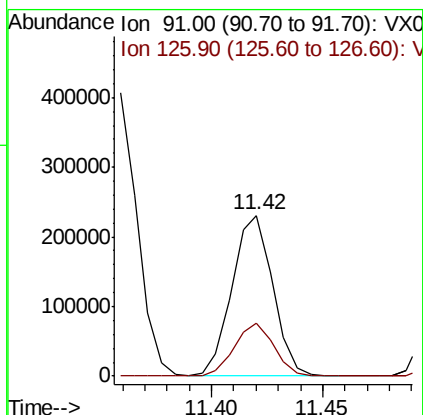
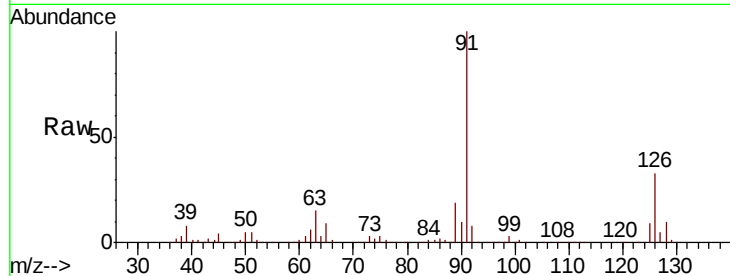




#79
 2-Chlorotoluene
 Concen: 48.501 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

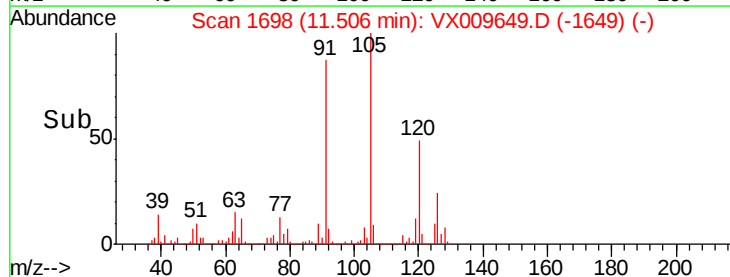
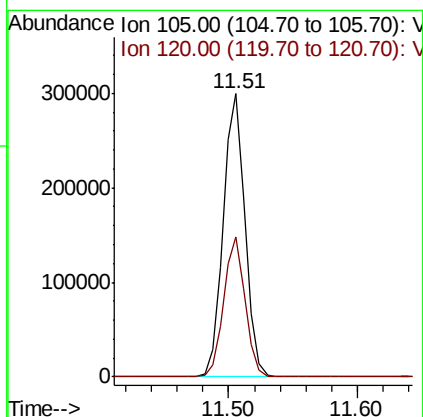
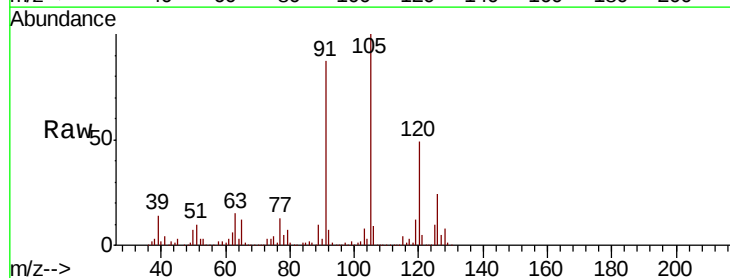
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 293428
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.325 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion: 105 Resp: 356618
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 42.503 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

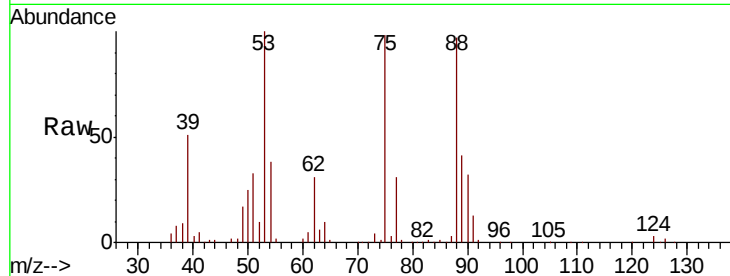
Tot Ion: 75 Resp: 45499

Ion Ratio Lower Upper

75 100

53 102.5 79.0 118.6

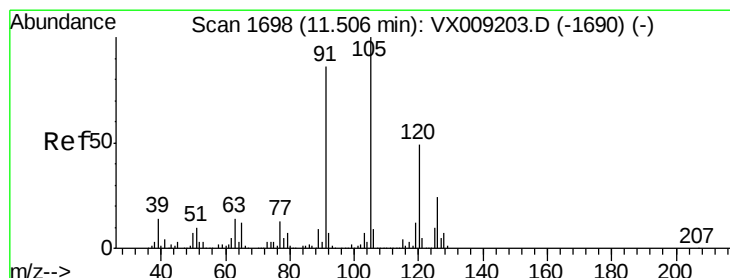
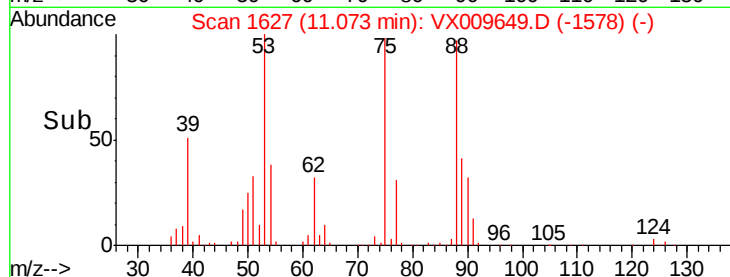
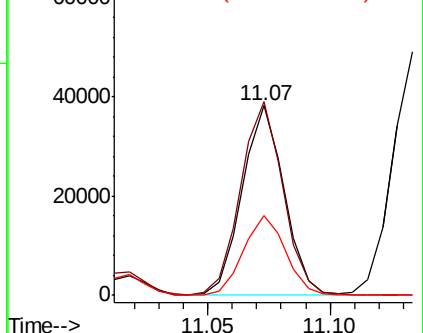
89 42.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.433 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009649.D

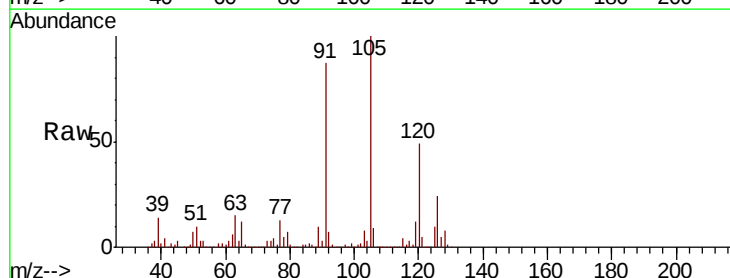
Acq: 17 May 2019 08:20

Tgt Ion: 91 Resp: 337865

Ion Ratio Lower Upper

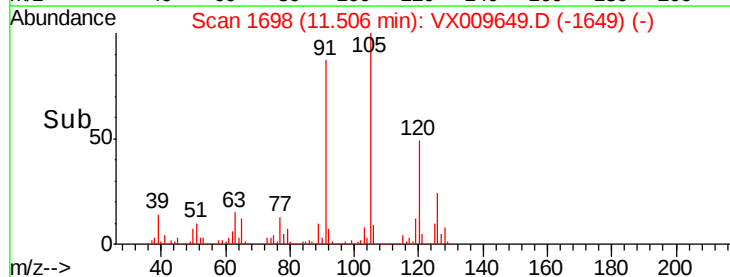
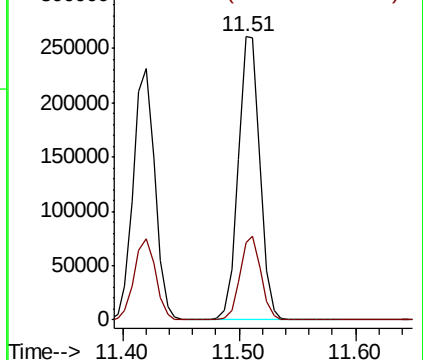
91 100

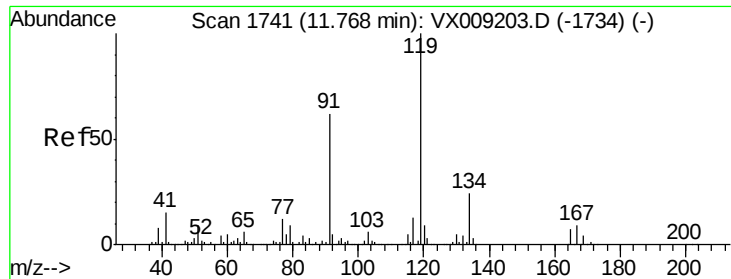
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.752 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

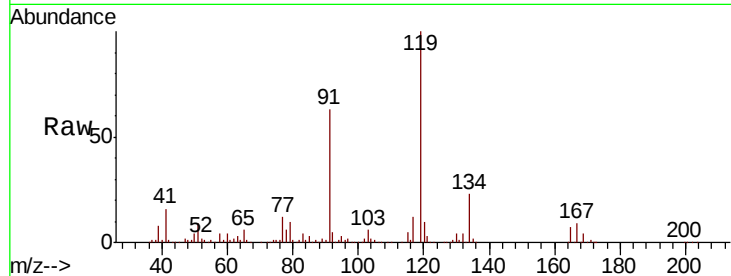
Tot Ion:119 Resp: 342883

Ion Ratio Lower Upper

119 100

91 60.3 29.5 88.5

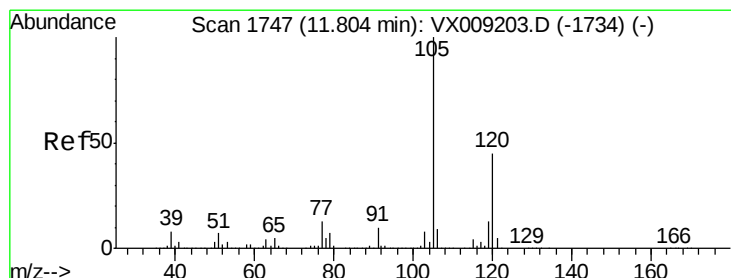
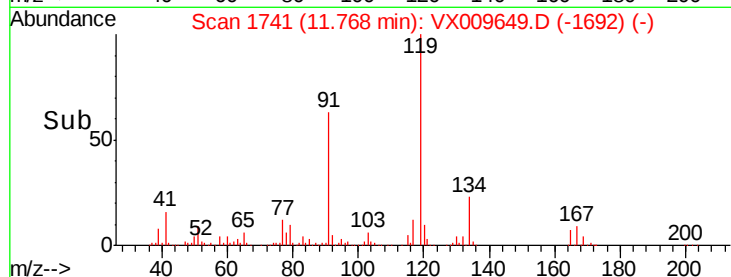
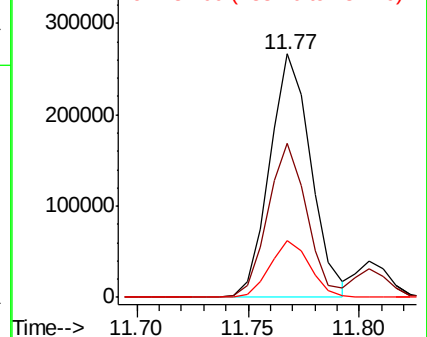
134 22.6 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.090 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009649.D

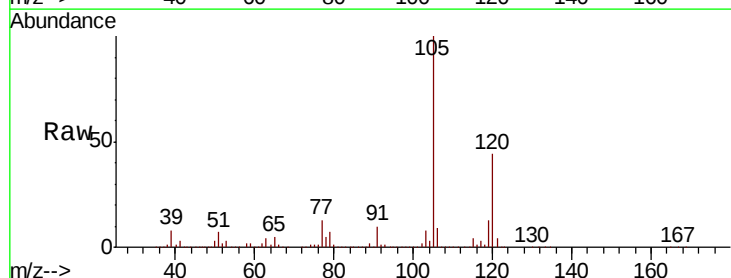
Acq: 17 May 2019 08:20

Tgt Ion:105 Resp: 363501

Ion Ratio Lower Upper

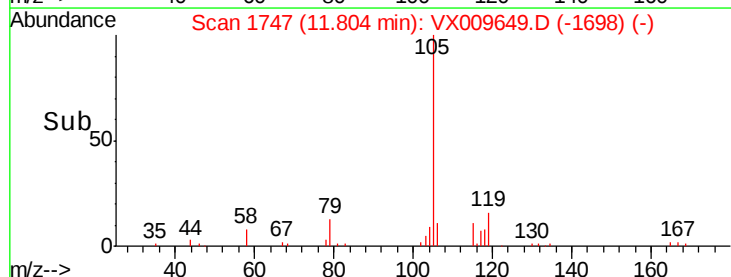
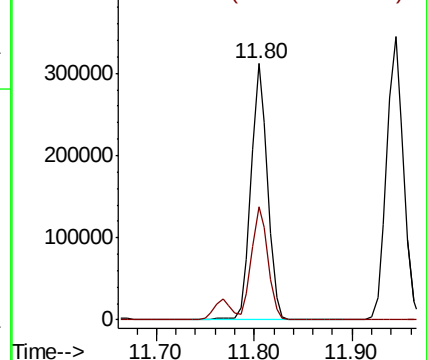
105 100

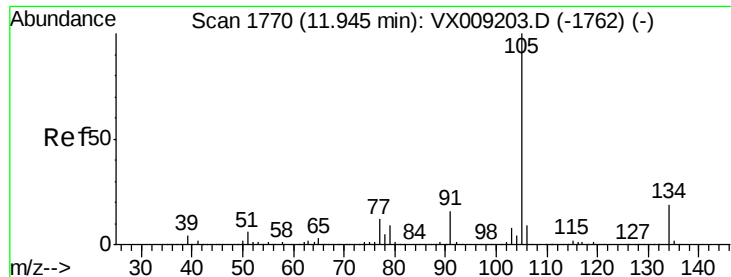
120 44.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.404 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

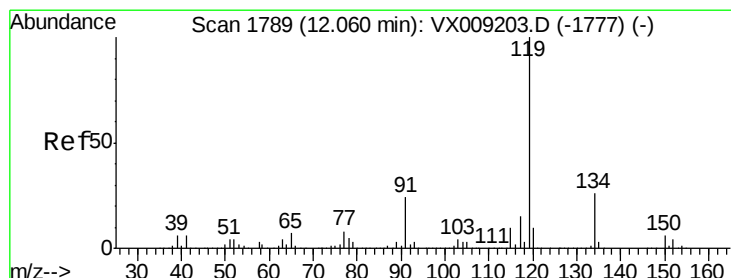
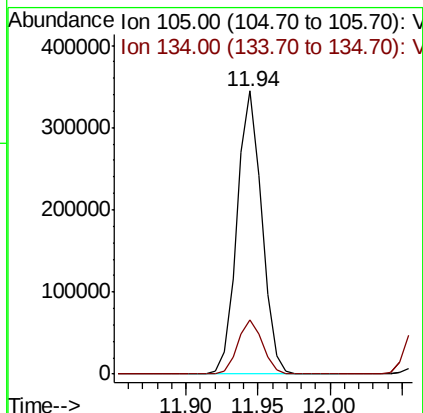
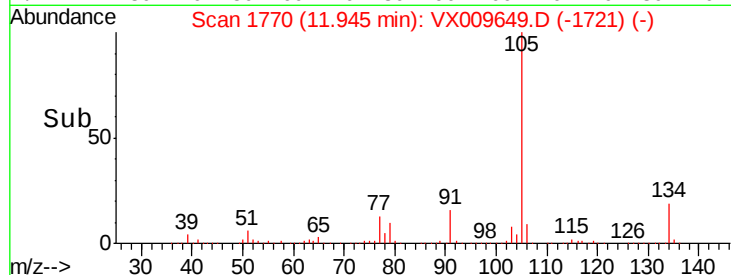
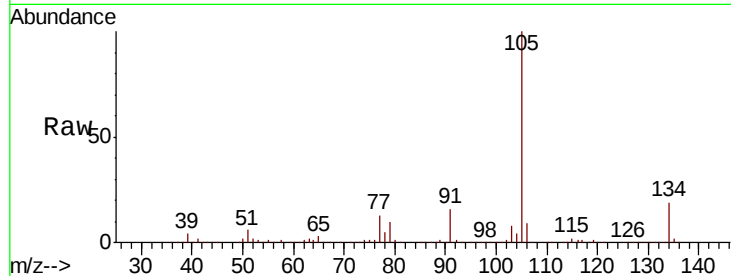
VSTDCCC050EC

Tot Ion:105 Resp: 411947

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.567 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

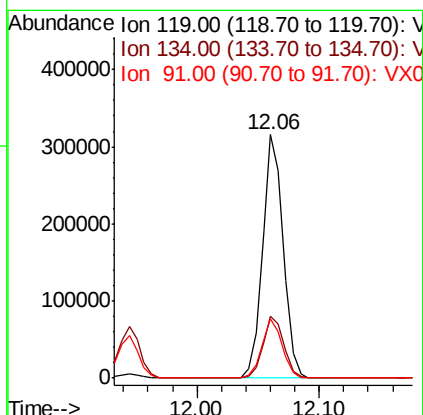
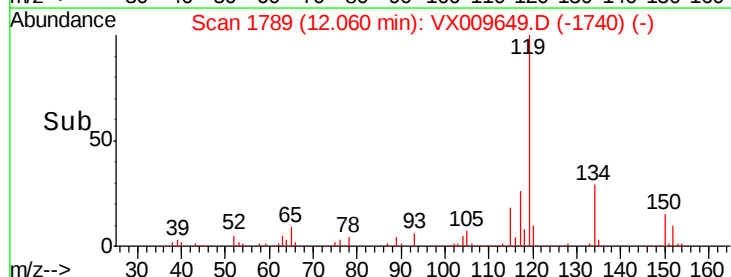
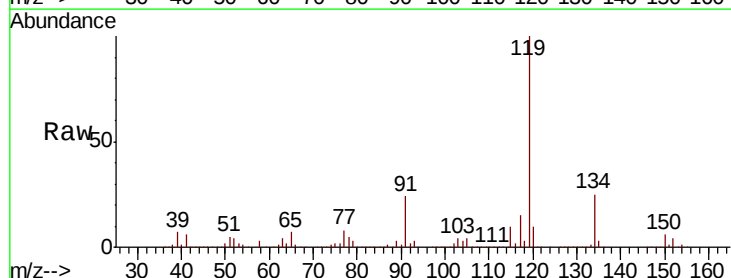
Tgt Ion:119 Resp: 371567

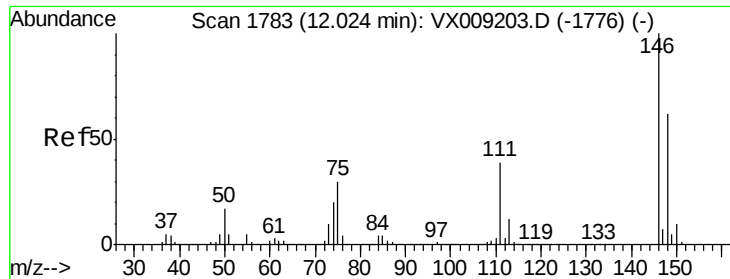
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.0 11.8 35.4

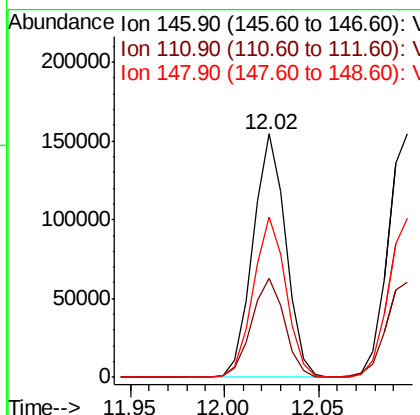
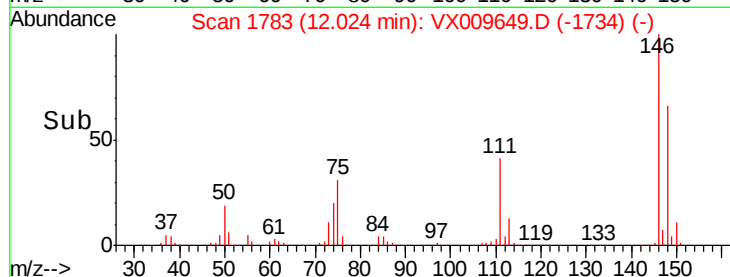
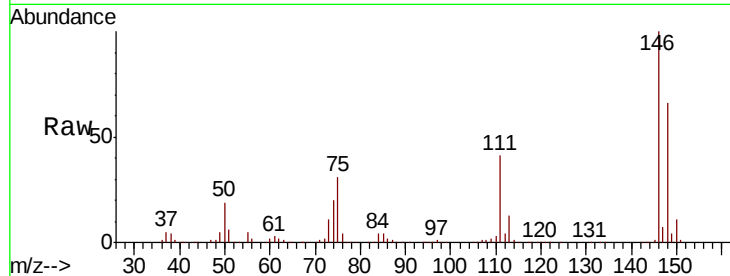




#87
 1,3-Dichlorobenzene
 Concen: 49.094 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

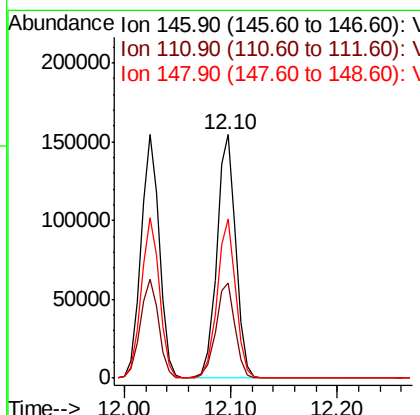
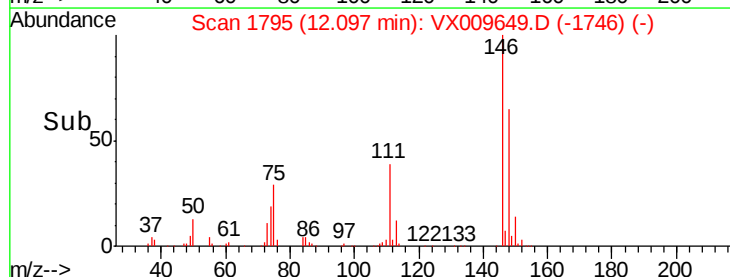
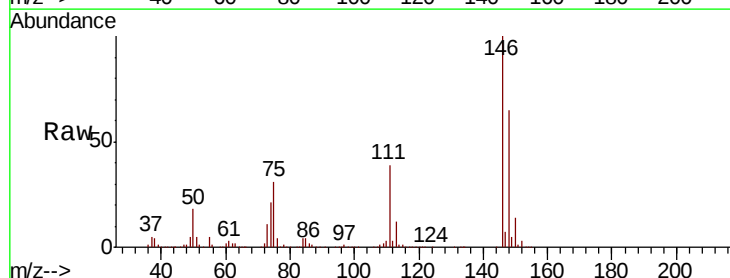
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

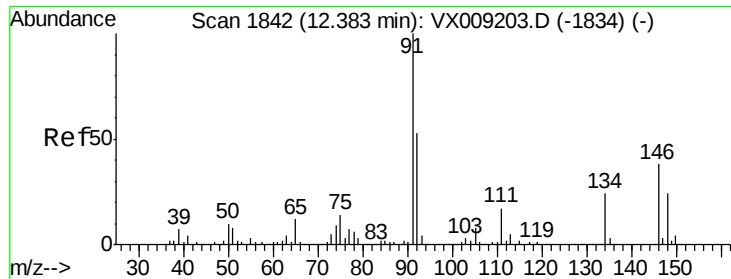
Tot Ion:146 Resp: 186522
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 65.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.157 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion:146 Resp: 188288
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.8
 148 64.4 31.8 95.3

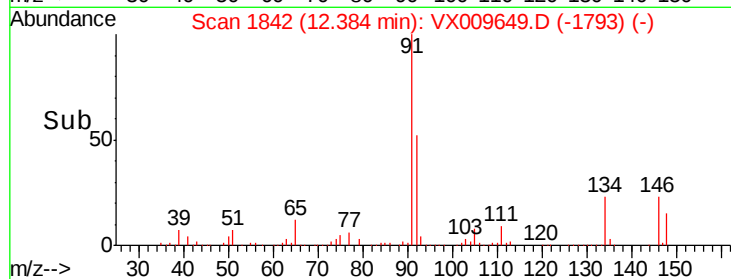
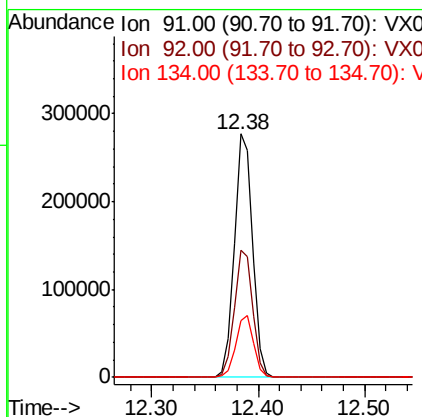
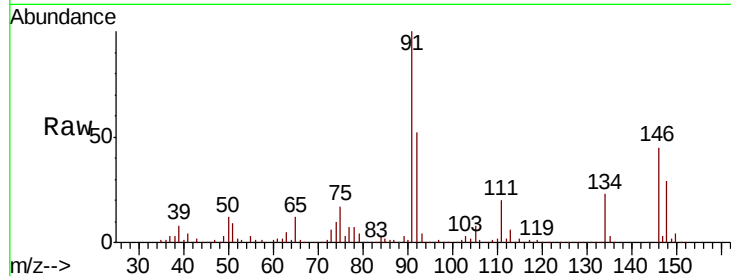




#89
n-Butylbenzene
Concen: 49.151 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

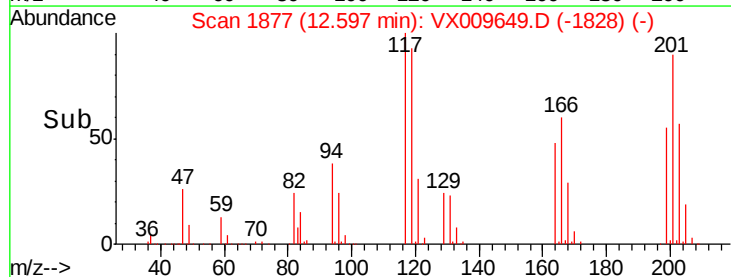
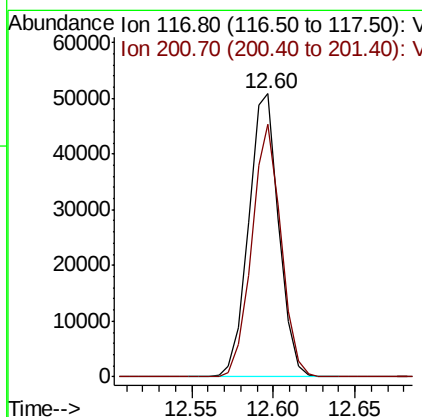
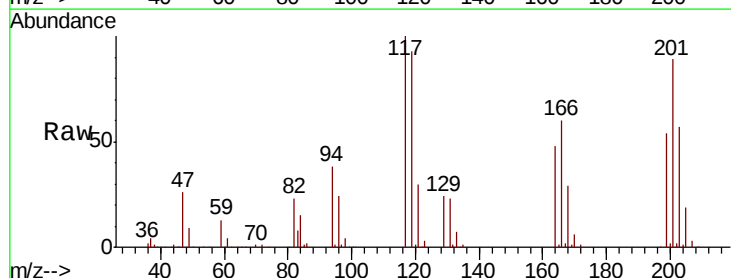
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 333014
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.7 12.4 37.2



#90
Hexachloroethane
Concen: 51.386 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion: 117 Resp: 65625
Ion Ratio Lower Upper
117 100
201 86.1 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 49.639 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

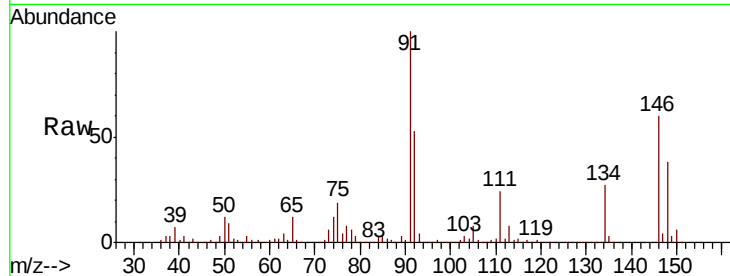
Tot Ion:146 Resp: 192089

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.4

148 63.4 31.9 95.9

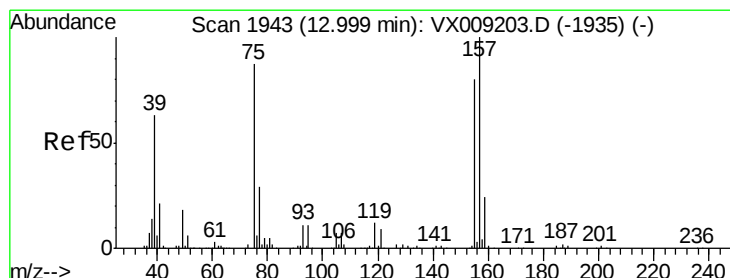
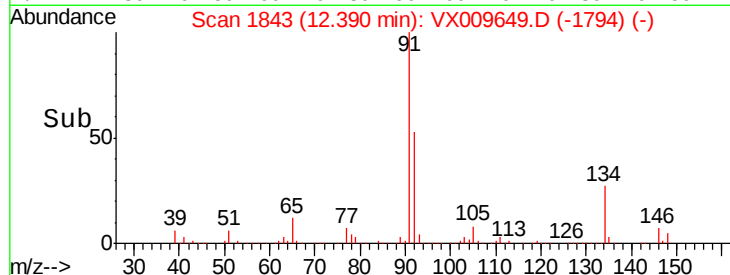
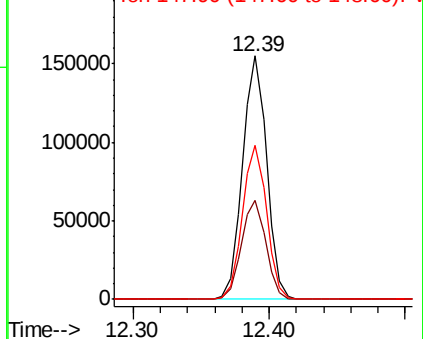


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.395 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009649.D

Acq: 17 May 2019 08:20

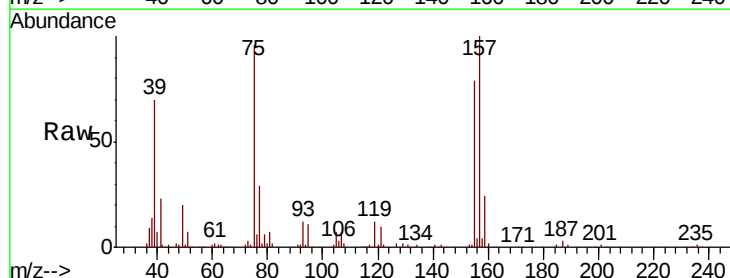
Tgt Ion: 75 Resp: 36905

Ion Ratio Lower Upper

75 100

155 81.3 42.0 126.0

157 103.6 53.2 159.6

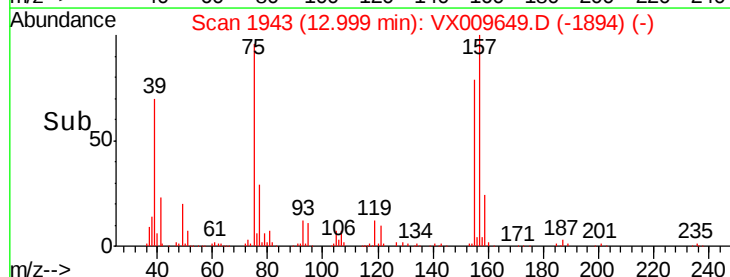
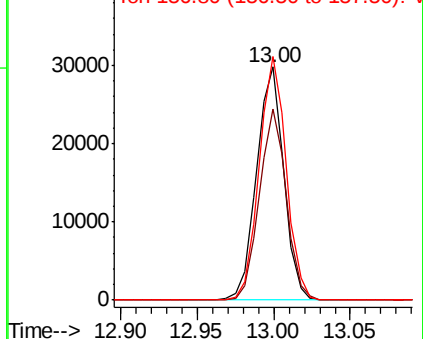


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

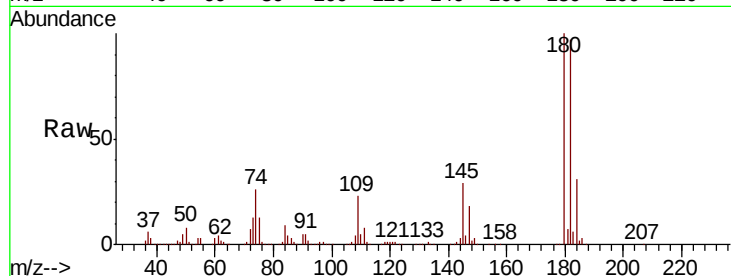




#93
 1,2,4-Trichlorobenzene
 Concen: 49.616 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.4	145.2
145	29.9	14.6	43.8

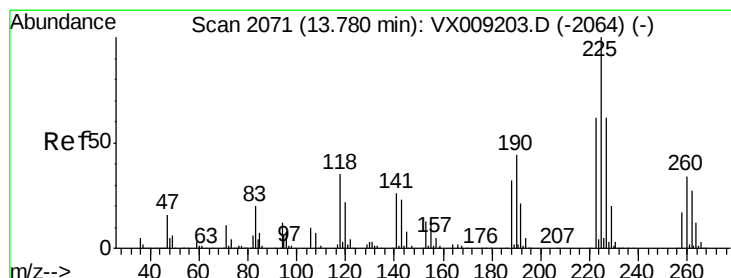
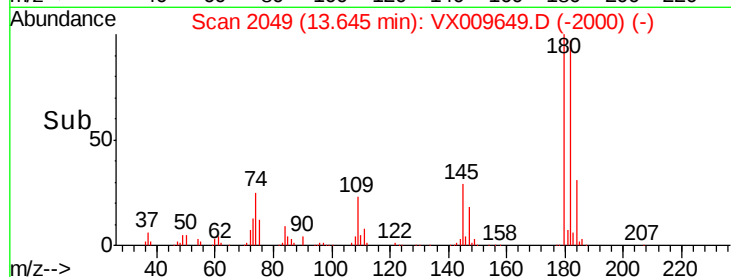
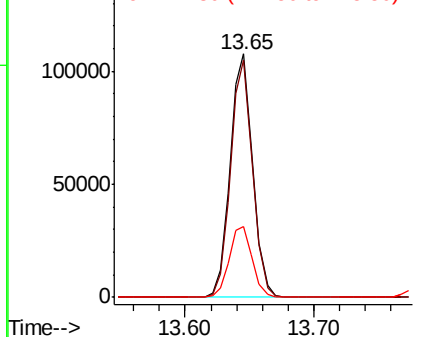


Abundance

Ion 179.80 (179.50 to 180.50): V

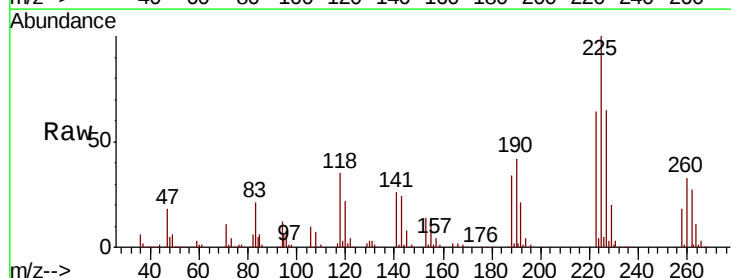
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.610 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009649.D
 Acq: 17 May 2019 08:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.8
227	65.0	31.8	95.3

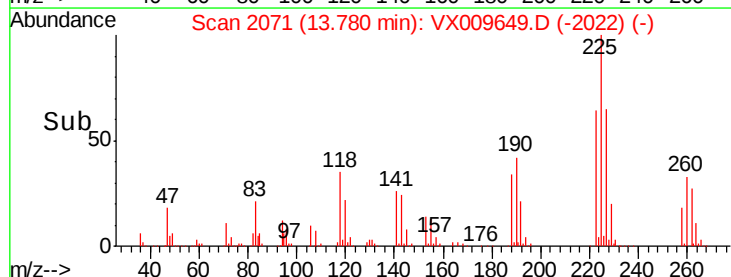
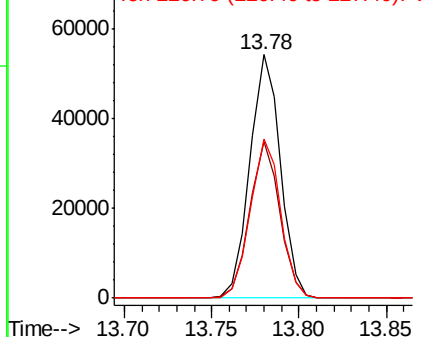


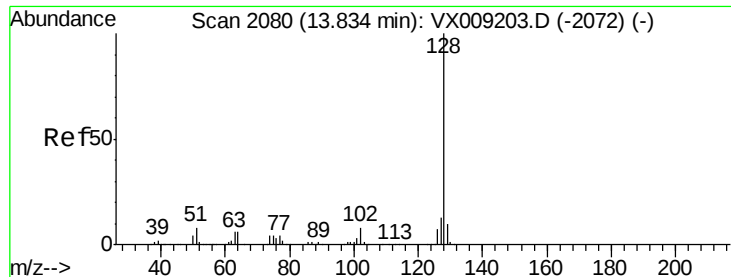
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

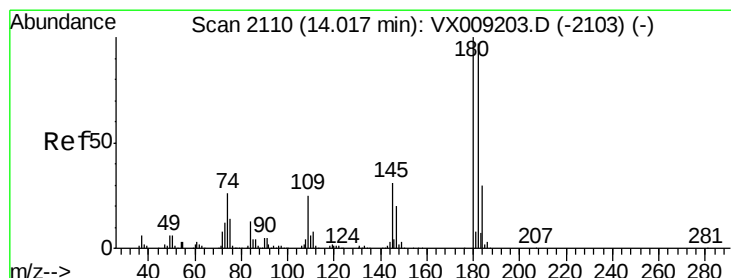
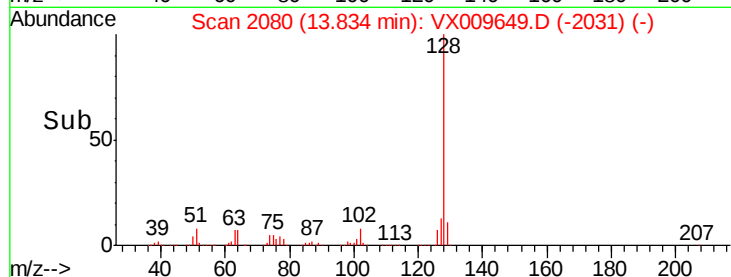
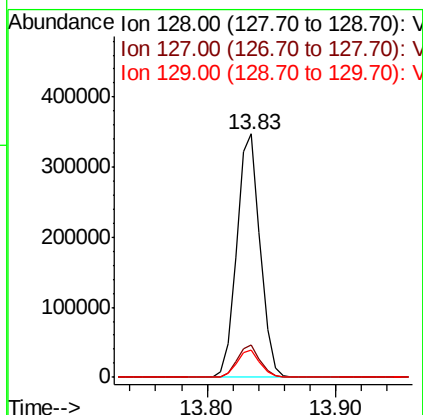
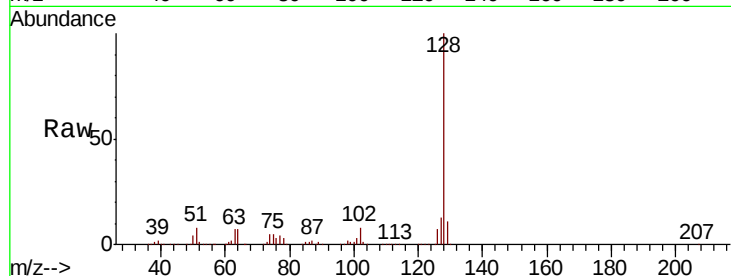




#95
Naphthalene
Concen: 50.715 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 436624
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.265 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009649.D
Acq: 17 May 2019 08:20

Tgt Ion:180 Resp: 134832
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.4
145 30.8 15.4 46.4

