

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008468.D
 Acq On : 26 Mar 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 27 01:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143546	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.49	113	107185	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	428925	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	160959	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99729	44.343	ug/l	100
3) Chloromethane	1.32	50	136581	48.098	ug/l	99
4) Vinyl Chloride	1.40	62	141779	45.150	ug/l	99
5) Bromomethane	1.64	94	67360	41.201	ug/l	97
6) Chloroethane	1.71	64	86487	46.492	ug/l	100
7) Trichlorofluoromethane	1.92	101	160899	45.241	ug/l	98
8) Diethyl Ether	2.18	74	77185	45.859	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99868	46.464	ug/l	99
10) Methyl Iodide	2.51	142	103414	49.495	ug/l	99
11) Tert butyl alcohol	3.05	59	162972	254.297	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103003	46.403	ug/l	98
13) Acrolein	2.29	56	135101	290.292	ug/l	100
14) Allyl chloride	2.73	41	229822	46.995	ug/l	99
15) Acrylonitrile	3.14	53	400316	238.215	ug/l	99
16) Acetone	2.44	43	340612	225.300	ug/l	100
17) Carbon Disulfide	2.56	76	300410	47.148	ug/l	99
18) Methyl Acetate	2.77	43	172891	47.616	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	390500	48.818	ug/l	98
20) Methylene Chloride	2.85	84	123738	50.151	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	109339	49.430	ug/l	96
22) Diisopropyl ether	3.85	45	463938	48.180	ug/l	97
23) Vinyl Acetate	3.81	43	2066381	245.969	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230546	47.424	ug/l	99
25) 2-Butanone	4.67	43	577365	238.215	ug/l	100
26) 2,2-Dichloropropane	4.58	77	149354	46.191	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	127868	47.108	ug/l	100
28) Bromochloromethane	5.01	49	146027	60.800	ug/l	100
29) Tetrahydrofuran	5.13	42	378588	237.002	ug/l	100
30) Chloroform	5.21	83	209879	47.839	ug/l	99
31) Cyclohexane	5.58	56	216454	46.685	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	168920	48.169	ug/l	100
36) 1,1-Dichloropropene	5.80	75	160905	45.781	ug/l	99
37) Ethyl Acetate	4.83	43	219502	48.209	ug/l	100
38) Carbon Tetrachloride	5.78	117	139108	47.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196402	46.759	ug/l	99
40) Benzene	6.14	78	496900	47.225	ug/l	100
41) Methacrylonitrile	5.04	41	126255	49.342	ug/l	99
42) 1,2-Dichloroethane	6.19	62	176904	45.920	ug/l	99
43) Isopropyl Acetate	6.44	43	354001	48.608	ug/l	100
44) Trichloroethene	7.21	130	113962	46.128	ug/l	98
45) 1,2-Dichloropropane	7.51	63	142748	47.730	ug/l	100
46) Dibromomethane	7.66	93	80885	46.314	ug/l	100
47) Bromodichloromethane	7.90	83	162638	48.653	ug/l	99
48) Methyl methacrylate	7.77	41	178971	49.113	ug/l	99
49) 1,4-Dioxane	7.74	88	71445	986.051	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1169802	247.303	ug/l	100
52) Toluene	8.78	92	301567	47.933	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	180563	49.315	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	202878	48.728	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	122038	47.652	ug/l	99
56) Ethyl methacrylate	9.18	69	229457	49.635	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217007	47.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	590817	247.241	ug/l	100
59) 2-Hexanone	9.49	43	915399	249.750	ug/l	100
60) Dibromochloromethane	9.58	129	119333	48.996	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125754	48.116	ug/l	100
64) Tetrachloroethene	9.34	164	94051	47.009	ug/l	97
65) Chlorobenzene	10.13	112	303967	47.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108942	49.132	ug/l	99
67) Ethyl Benzene	10.25	91	575658	47.460	ug/l	99
68) m/p-Xylenes	10.36	106	419103	94.979	ug/l	99
69) o-Xylene	10.69	106	204410	47.736	ug/l	100
70) Styrene	10.71	104	363325	49.120	ug/l	99
71) Bromoform	10.85	173	87335	49.875	ug/l	100
73) Isopropylbenzene	11.02	105	542013	46.445	ug/l	100
74) N-amyl acetate	10.90	43	339306	50.233	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	212914	47.023	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	241993	56.746	ug/l	82
77) Bromobenzene	11.26	156	128765	45.463	ug/l	99
78) n-propylbenzene	11.36	91	637675	46.646	ug/l	100
79) 2-Chlorotoluene	11.42	91	380623	45.776	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	462999	46.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65873	49.474	ug/l	98
82) 4-Chlorotoluene	11.51	91	443796	46.271	ug/l	99
83) tert-Butylbenzene	11.77	119	455404	47.843	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	462867	46.384	ug/l	100
85) sec-Butylbenzene	11.94	105	531340	46.874	ug/l	100
86) p-Isopropyltoluene	12.06	119	473817	47.371	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233398	46.122	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	233878	45.794	ug/l	99
89) n-Butylbenzene	12.38	91	448715	47.357	ug/l	100
90) Hexachloroethane	12.60	117	78844	47.316	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	238030	46.971	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46572	47.172	ug/l	99

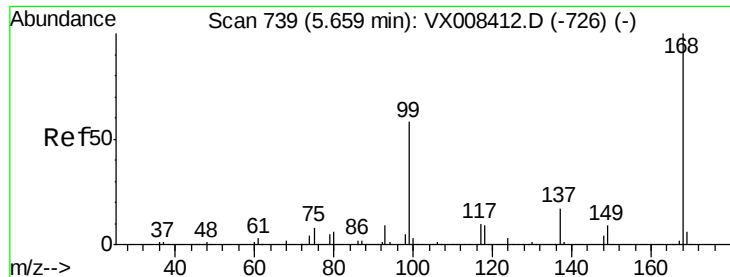
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162832	47.726	ug/l	100
94) Hexachlorobutadiene	13.78	225	77368	47.757	ug/l	99
95) Naphthalene	13.83	128	563588	48.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162280	47.334	ug/l	100

(#) = 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. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

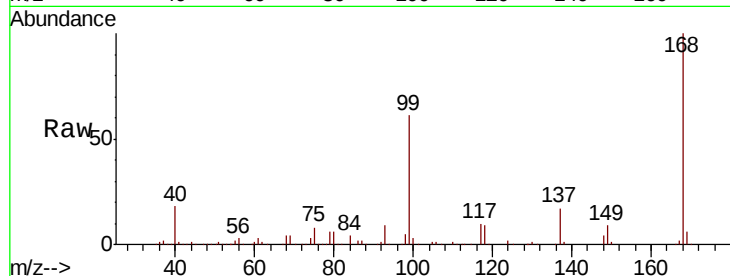
VSTDCCC050EC

Tot Ion:168 Resp: 190800

Ion Ratio Lower Upper

168 100

99 60.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): VX008412.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008412.D (-726) (-)

5.66

60000

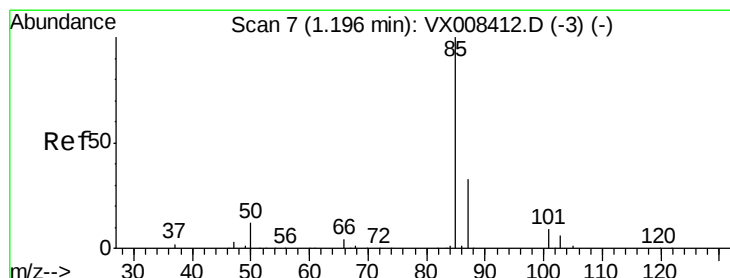
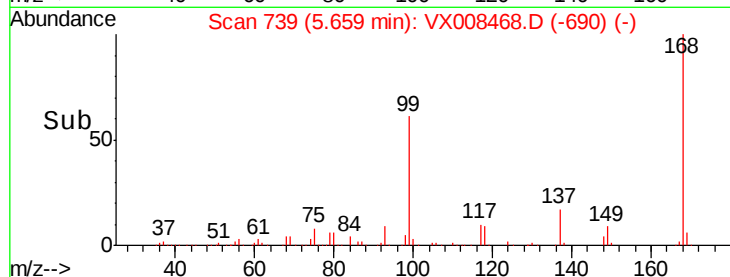
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.343 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008468.D

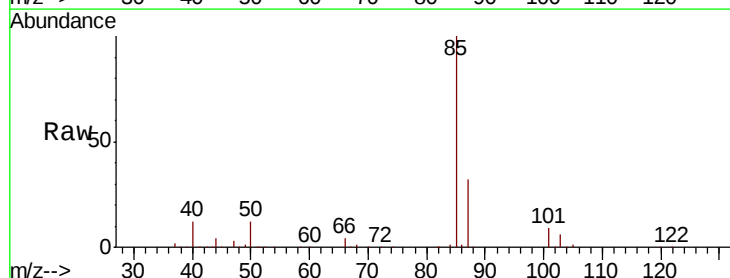
Acq: 26 Mar 2019 20:41

Tgt Ion: 85 Resp: 99729

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008412.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008412.D (-3) (-)

1.20

100000

80000

60000

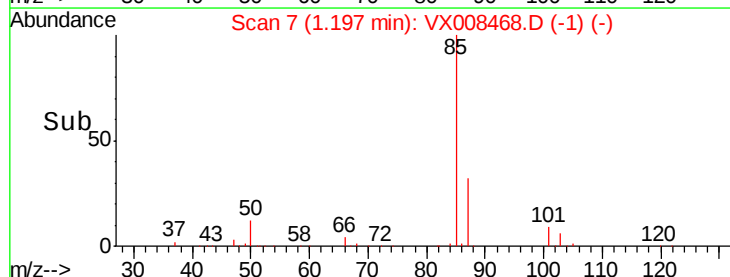
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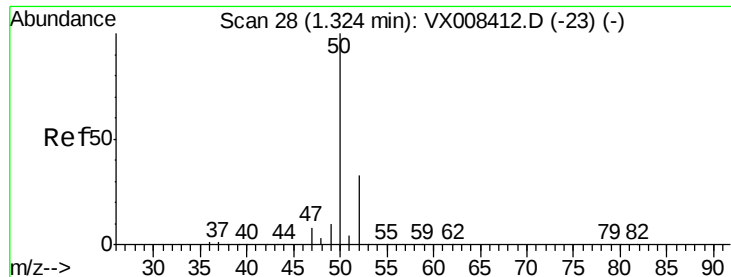
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.098 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

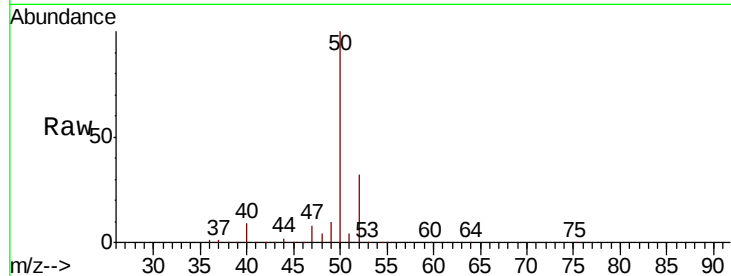
VSTDCCC050EC

Tot Ion: 50 Resp: 136581

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX008412.D (-23) (-)

Ion 51.90 (51.60 to 52.60): VX008468.D (-1) (-)

1.32

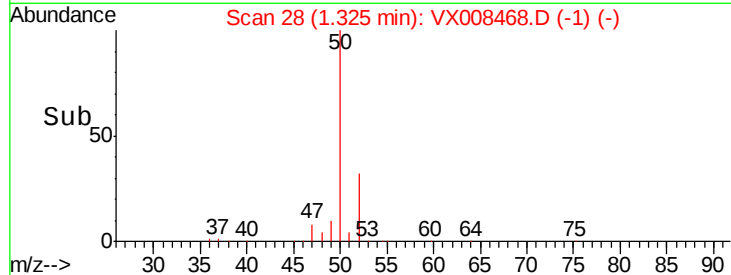
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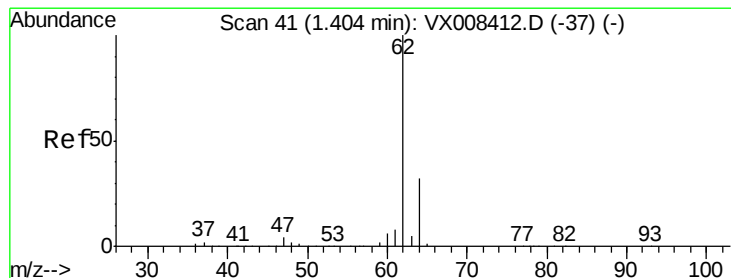
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 45.150 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008468.D

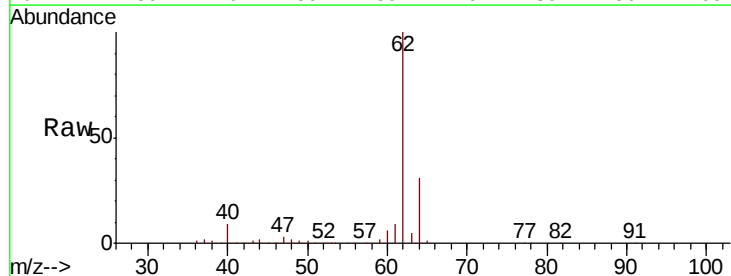
Acq: 26 Mar 2019 20:41

Tgt Ion: 62 Resp: 141779

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX008412.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VX008468.D (-1) (-)

1.40

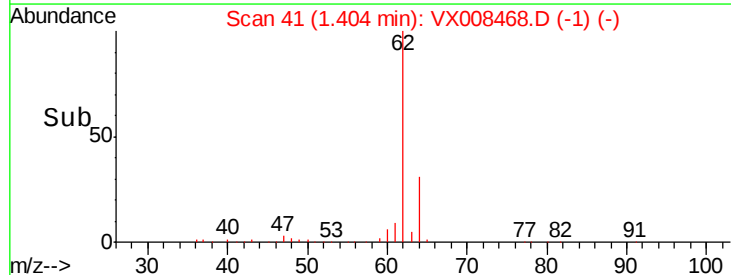
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.201 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

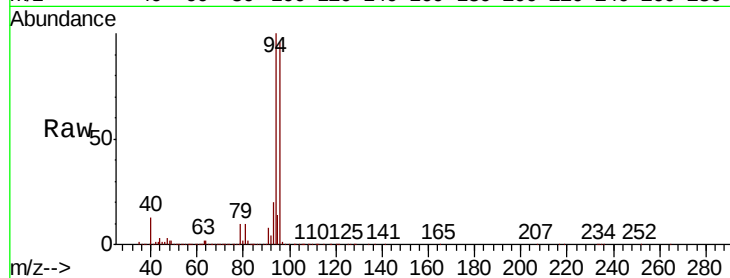
VSTDCCC050EC

Tot Ion: 94 Resp: 67360

Ion Ratio Lower Upper

94 100

96 96.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

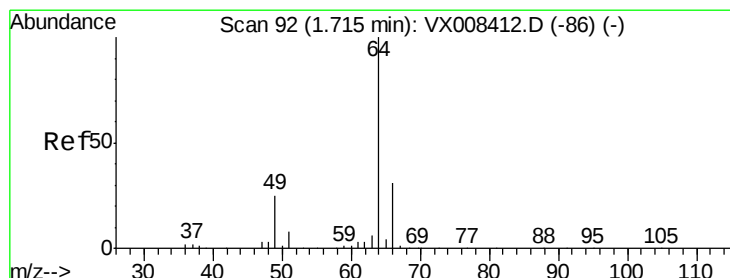
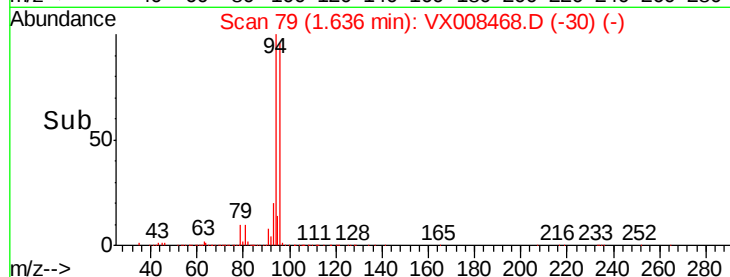
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 46.492 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008468.D

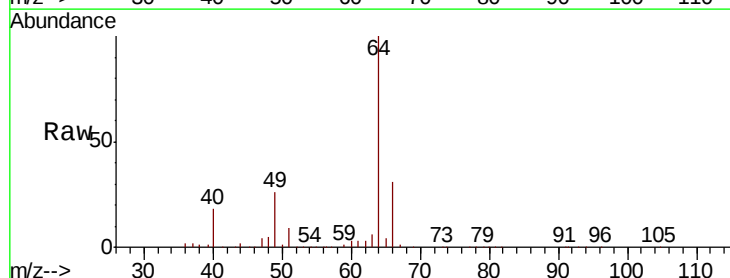
Acq: 26 Mar 2019 20:41

Tgt Ion: 64 Resp: 86487

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

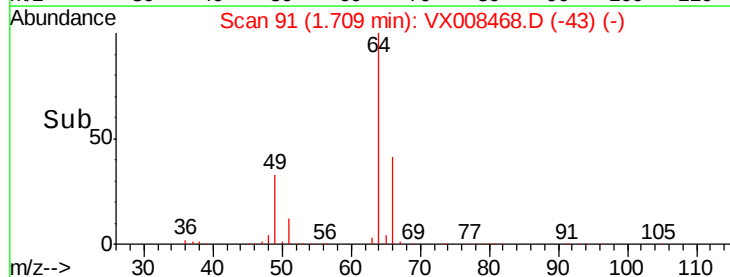
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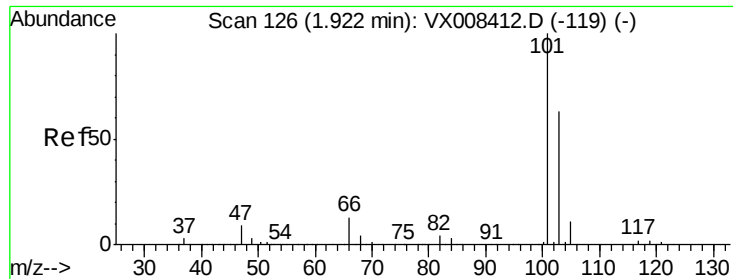
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Time-->

1.65 1.70 1.75 1.80



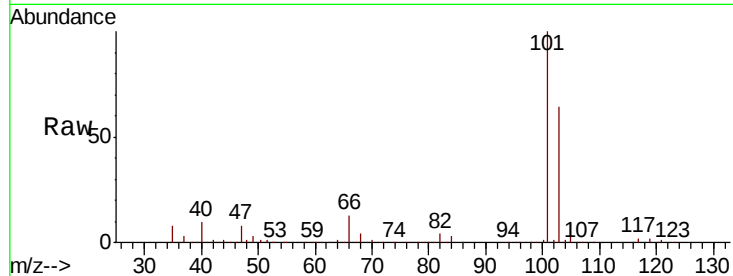


#7

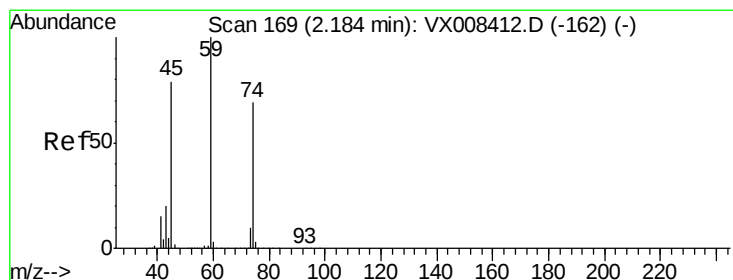
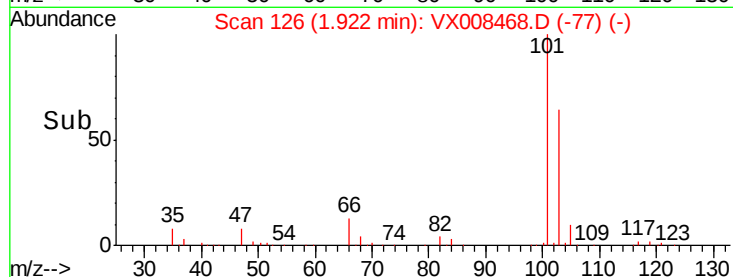
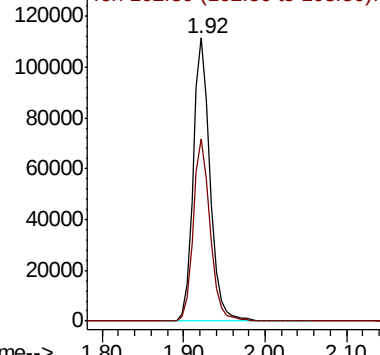
Trichlorofluoromethane
 Concen: 45.241 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 160899
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.2 75.4



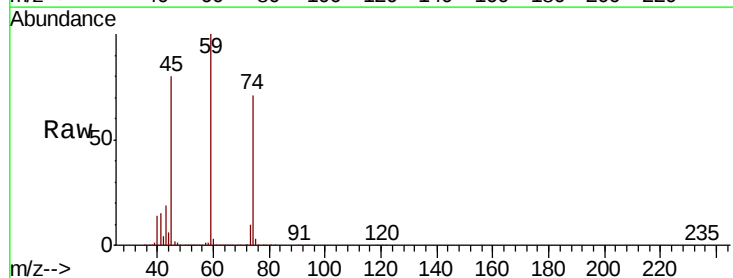
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



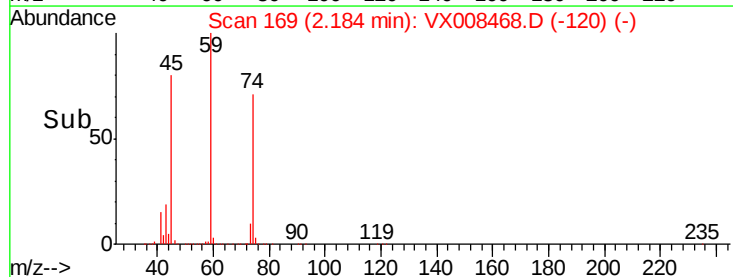
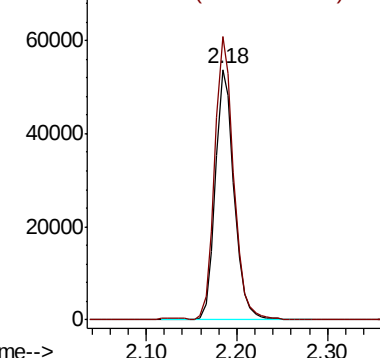
#8

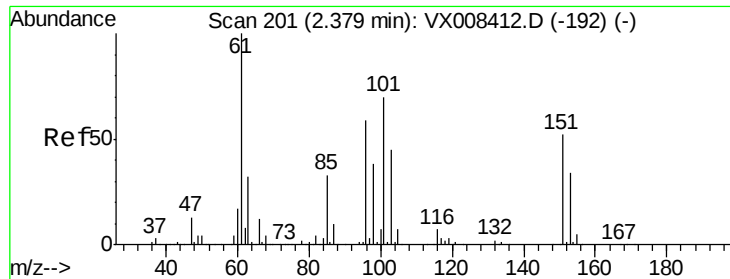
Diethyl Ether
 Concen: 45.859 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion: 74 Resp: 77185
 Ion Ratio Lower Upper
 74 100
 45 113.5 56.4 169.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.464 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

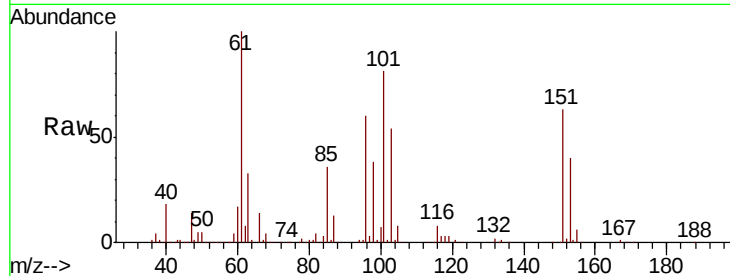
Tot Ion:101 Resp: 99868

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

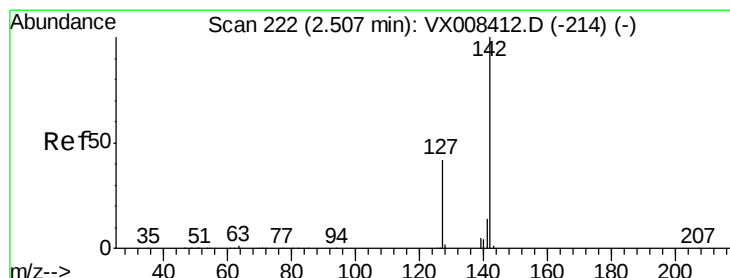
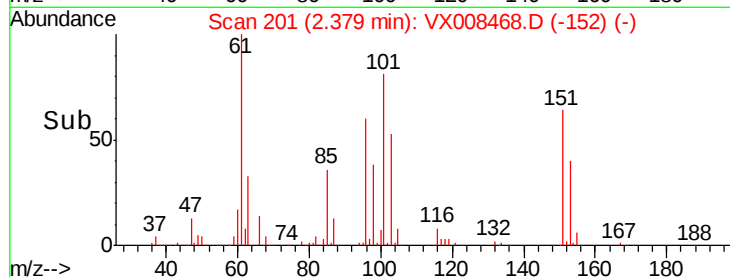
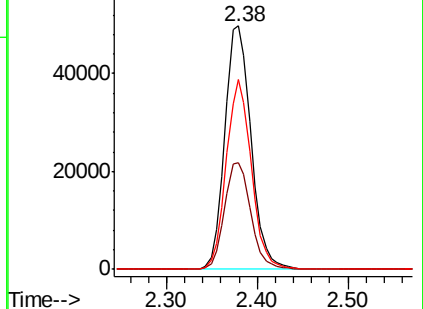
151 75.0 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.495 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

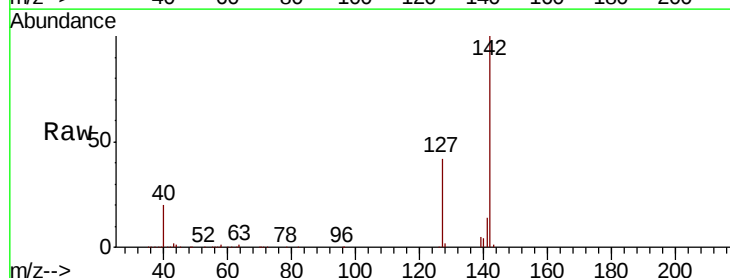
Tgt Ion:142 Resp: 103414

Ion Ratio Lower Upper

142 100

127 41.1 33.6 50.4

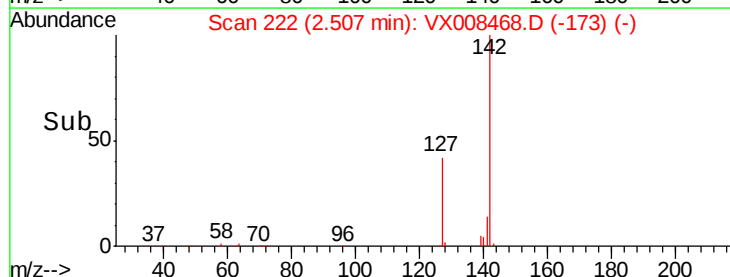
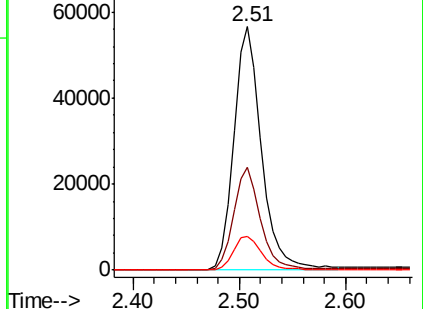
141 14.3 11.3 16.9

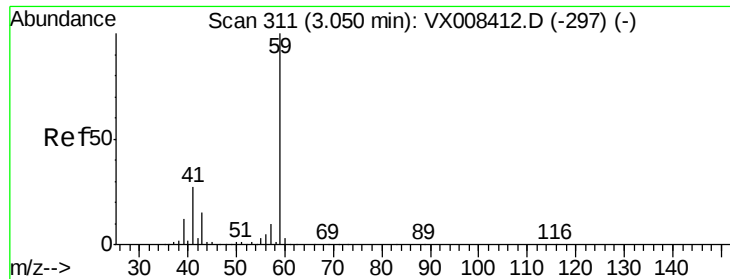


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

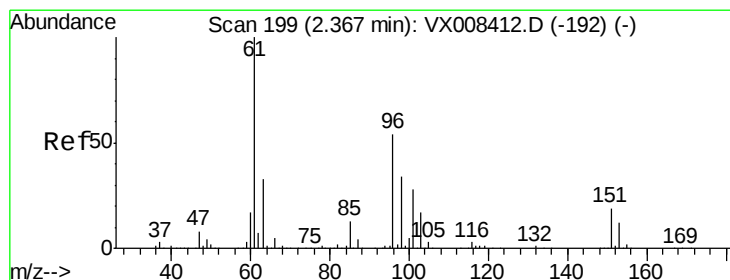
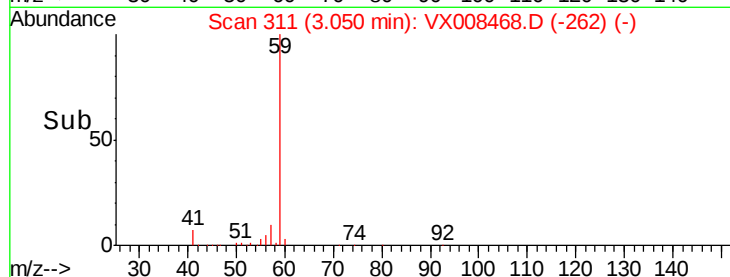
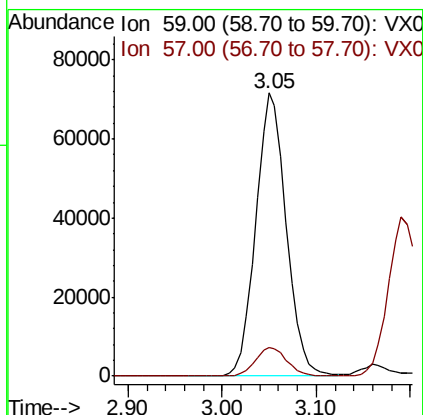
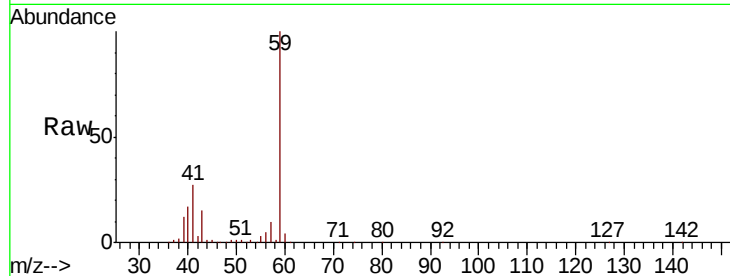




#11
Tert butyl alcohol
Concen: 254.297 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

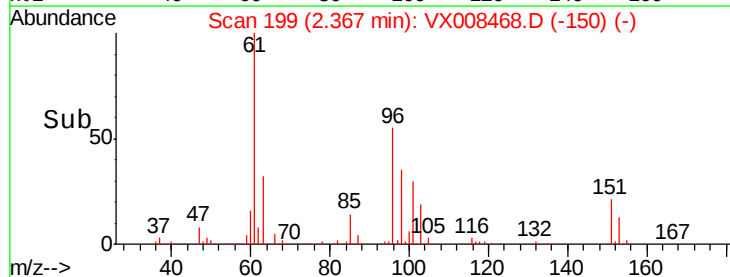
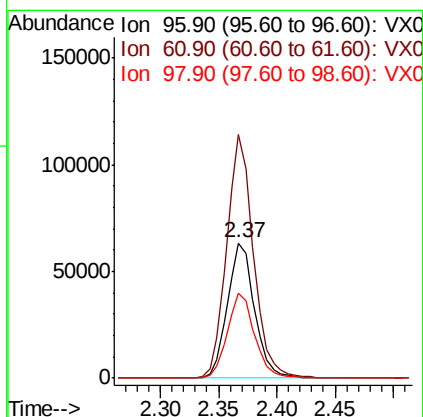
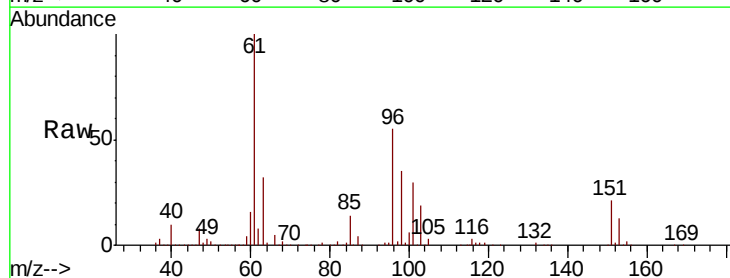
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

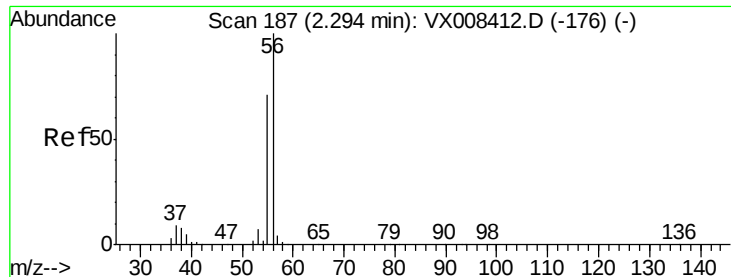
Tot Ion: 59 Resp: 162972
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.403 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 96 Resp: 103003
Ion Ratio Lower Upper
96 100
61 180.3 146.9 220.3
98 62.5 50.1 75.1





#13

Acrolein

Concen: 290.292 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

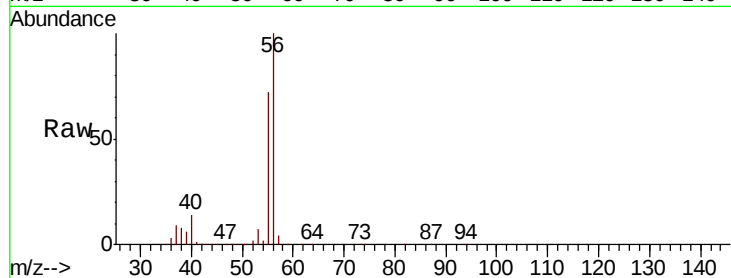
VSTDCCC050EC

Tot Ion: 56 Resp: 135101

Ion Ratio Lower Upper

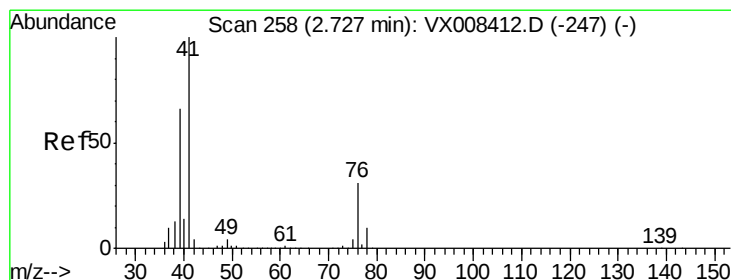
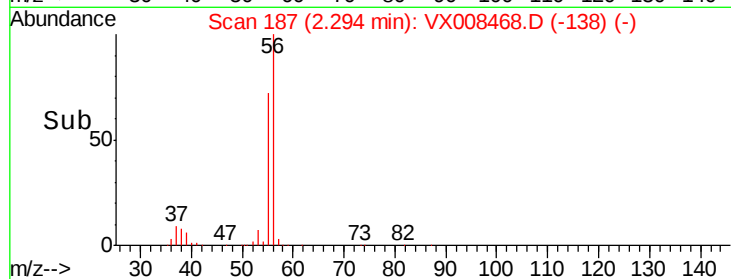
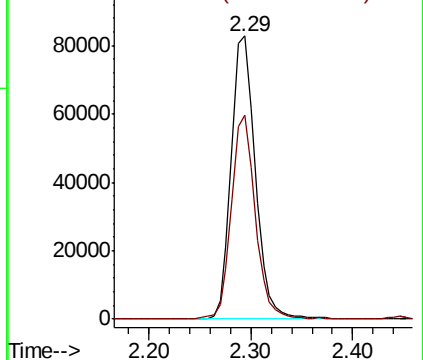
56 100

55 70.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.995 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

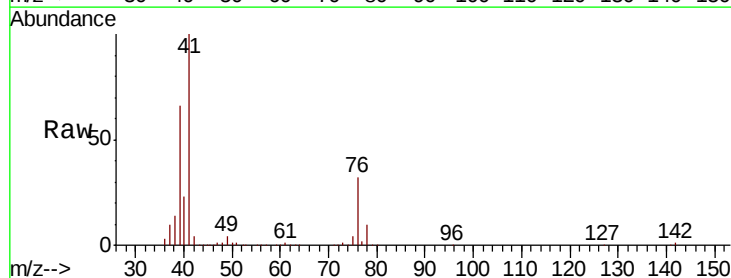
Tgt Ion: 41 Resp: 229822

Ion Ratio Lower Upper

41 100

39 61.6 49.6 74.4

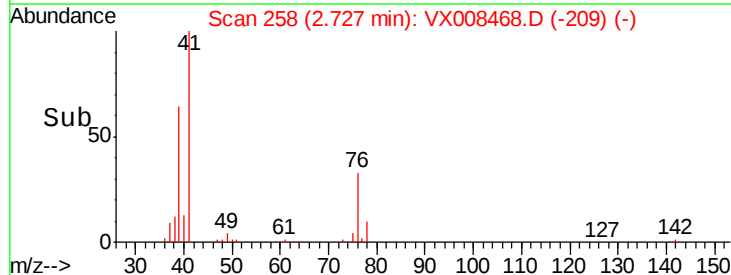
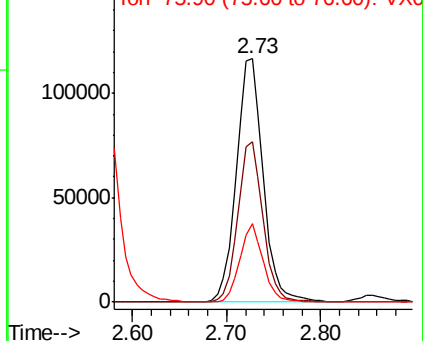
76 27.7 22.6 34.0

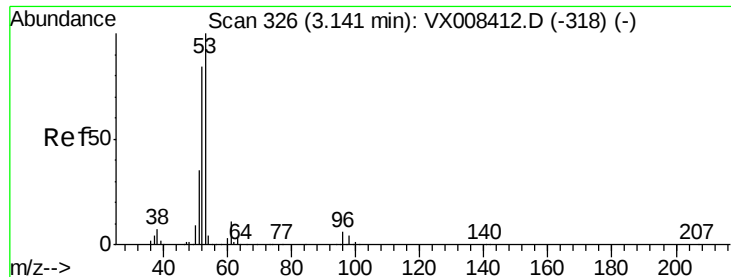


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

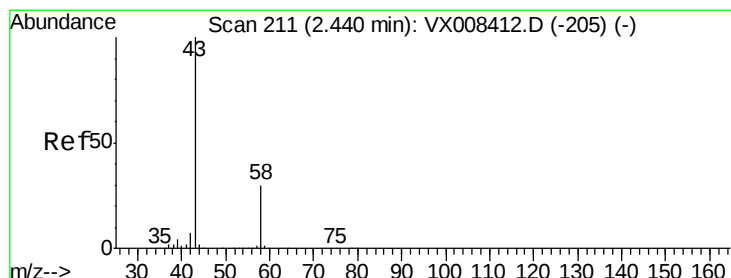
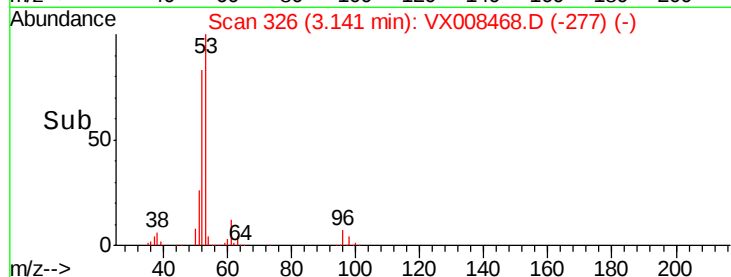
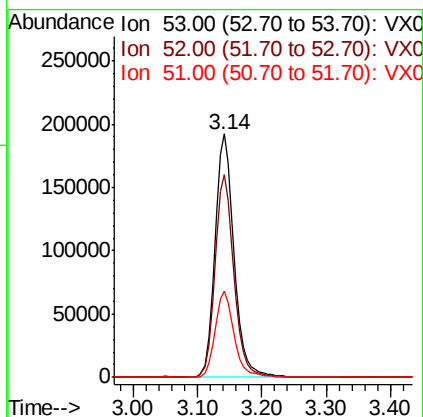
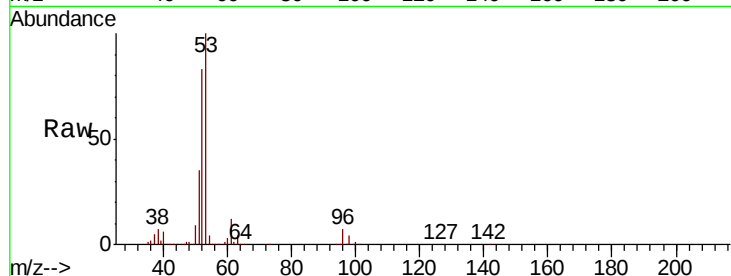




#15
 Acrylonitrile
 Concen: 238.215 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

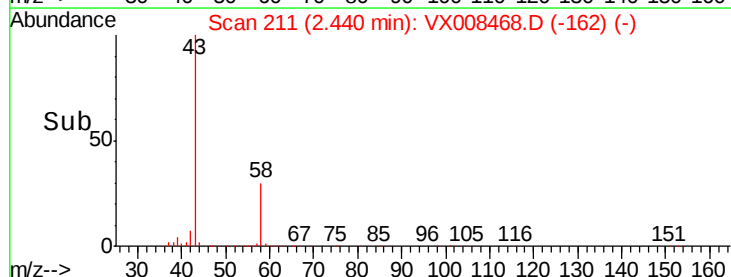
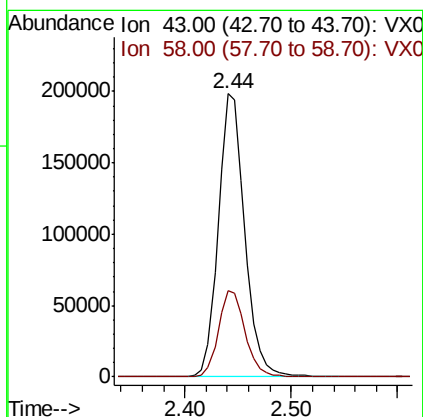
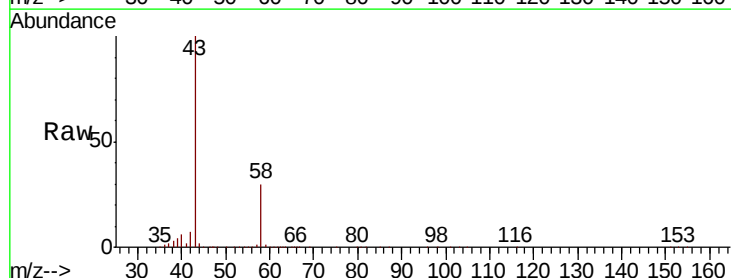
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

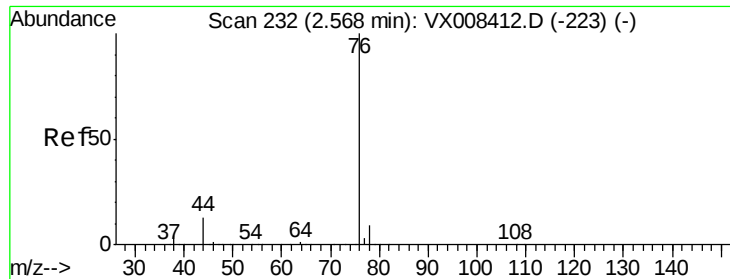
Tot Ion	53	Resp	400316
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.3	28.3	42.5



#16
 Acetone
 Concen: 225.300 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion	43	Resp	340612
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.2	36.2

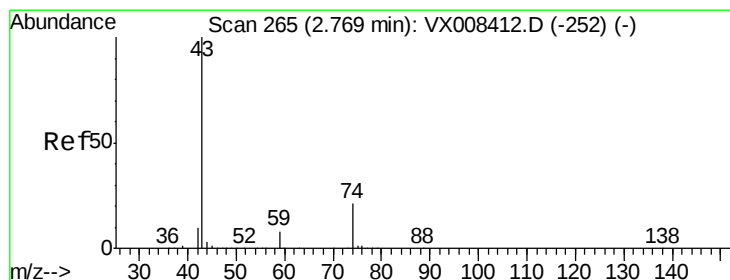
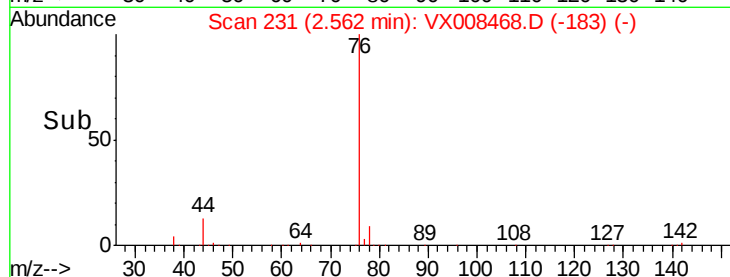
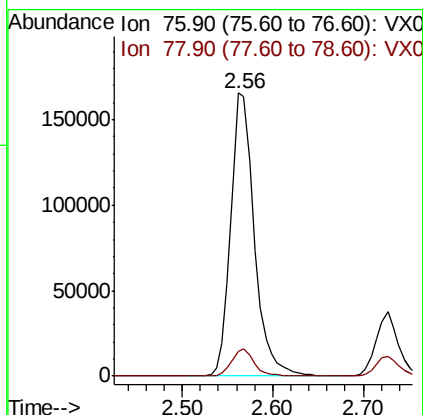
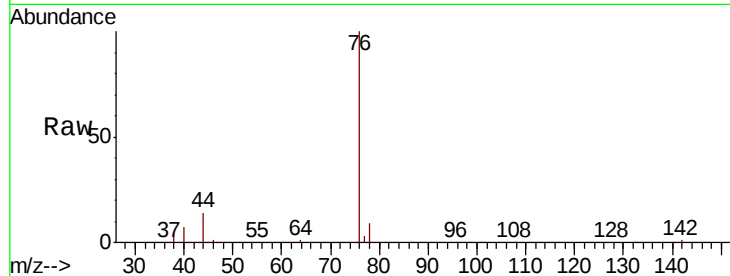




#17
Carbon Disulfide
Concen: 47.148 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

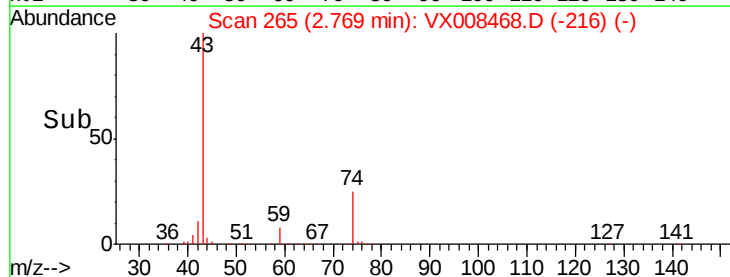
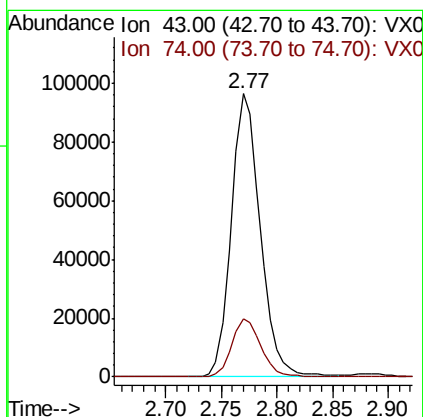
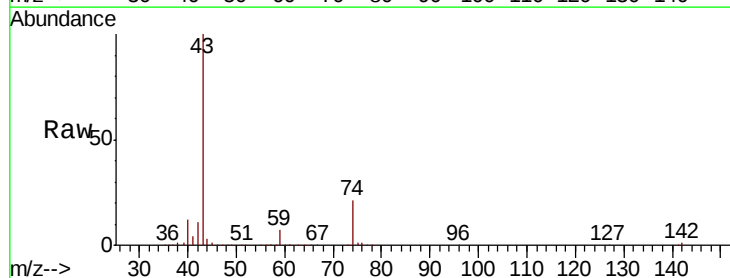
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

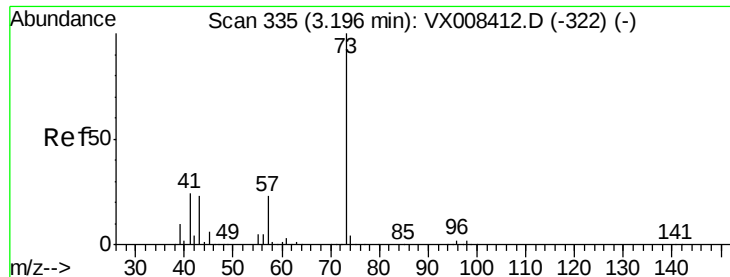
Tot Ion: 76 Resp: 300410
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#18
Methyl Acetate
Concen: 47.616 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 43 Resp: 172891
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

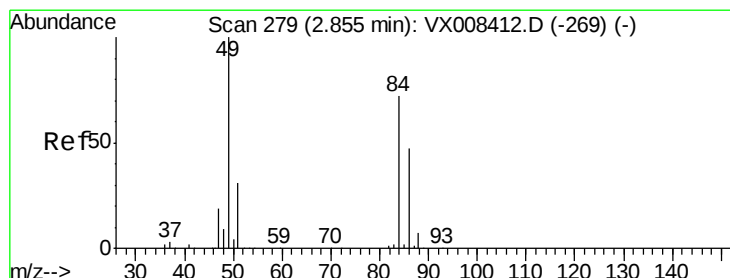
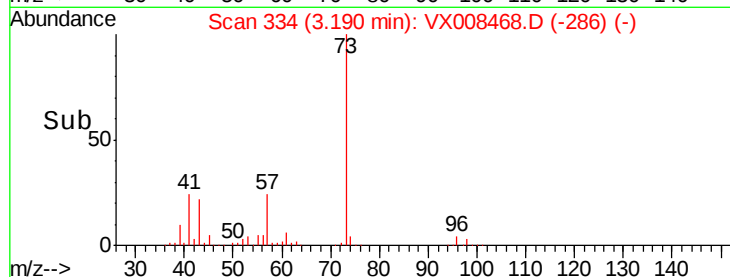
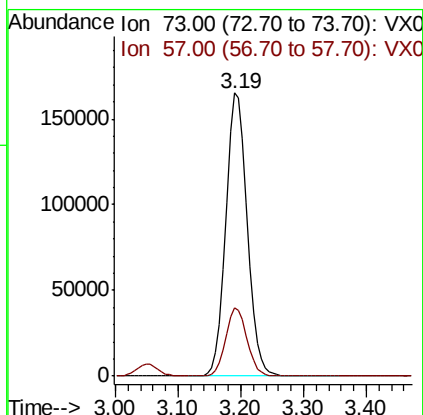
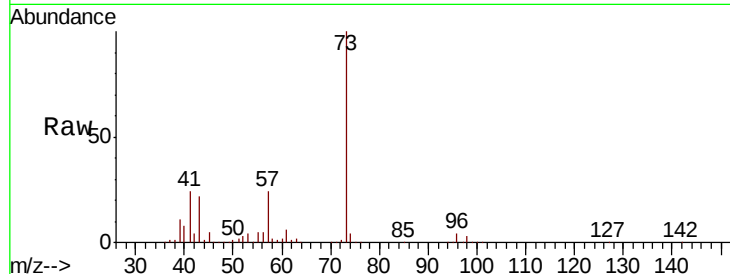




#19
Methyl tert-butyl Ether
Concen: 48.818 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

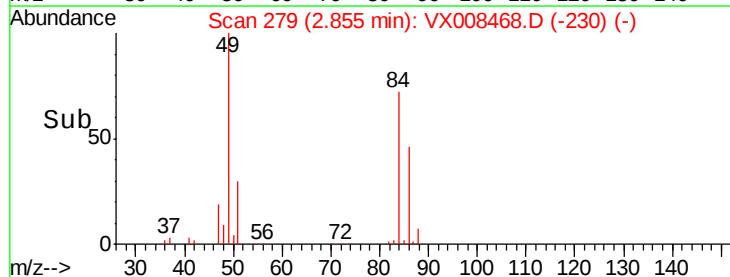
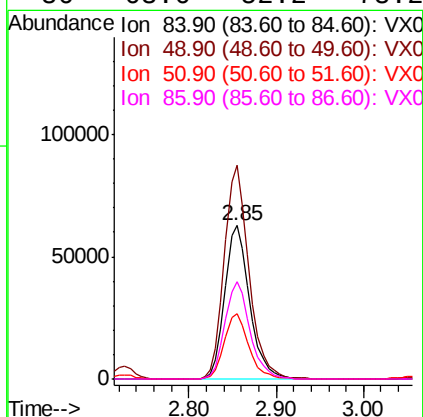
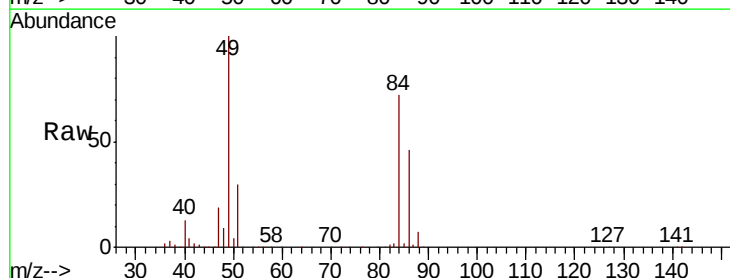
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

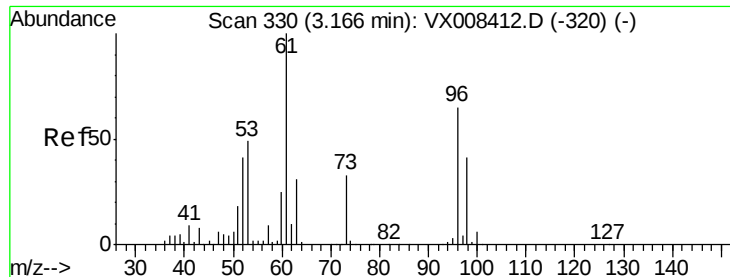
Tot Ion: 73 Resp: 390500
Ion Ratio Lower Upper
73 100
57 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 50.151 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 84 Resp: 123738
Ion Ratio Lower Upper
84 100
49 139.1 110.6 165.8
51 42.3 33.9 50.9
86 63.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.430 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

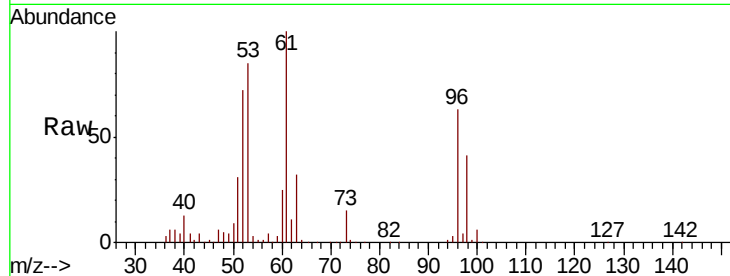
Tot Ion: 96 Resp: 109339

Ion Ratio Lower Upper

96 100

61 159.7 122.6 184.0

98 64.8 50.9 76.3

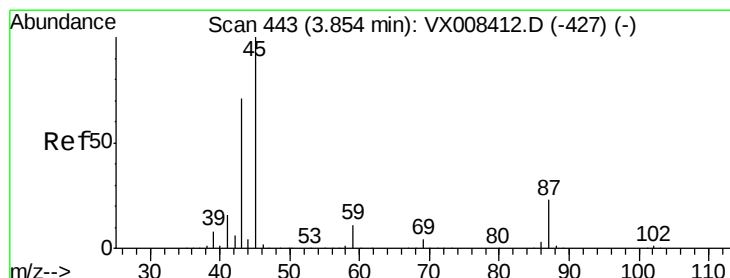
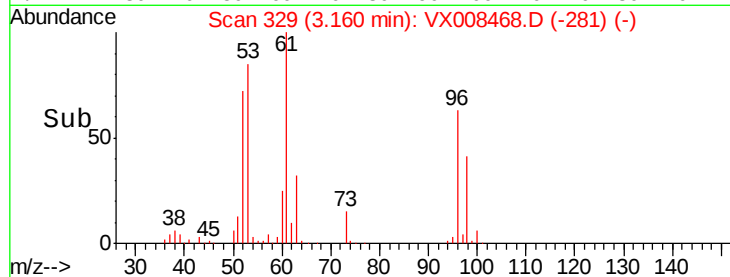
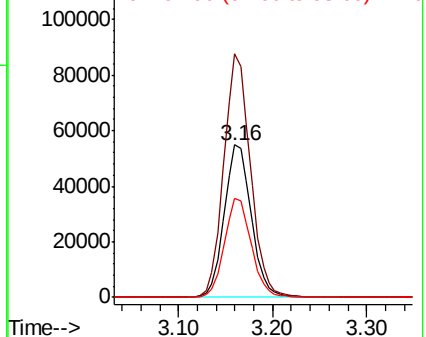


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.180 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Tgt Ion: 45 Resp: 463938

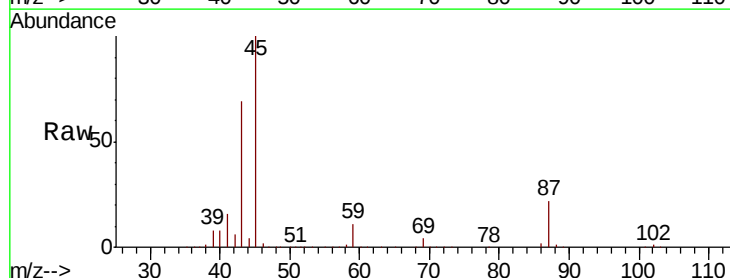
Ion Ratio Lower Upper

45 100

43 68.9 57.1 85.7

87 22.4 18.8 28.2

59 10.6 8.7 13.1



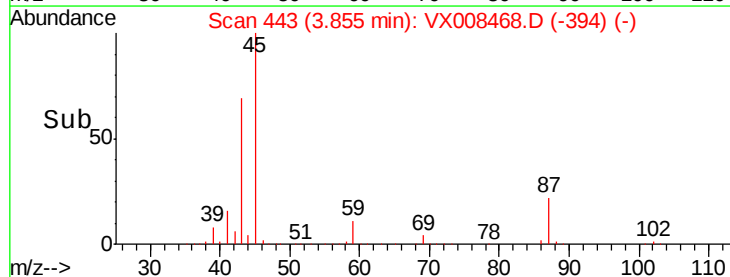
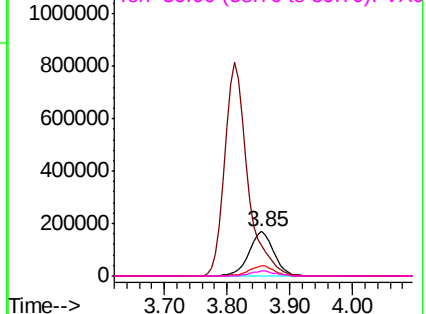
Abundance

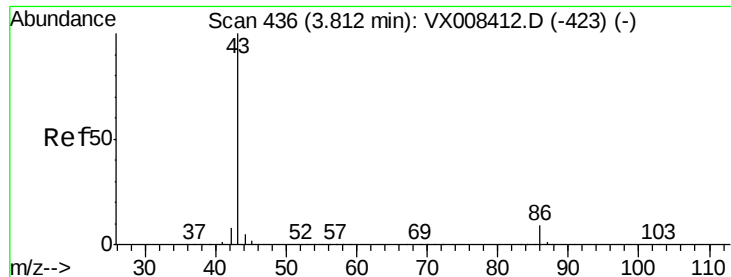
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.969 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

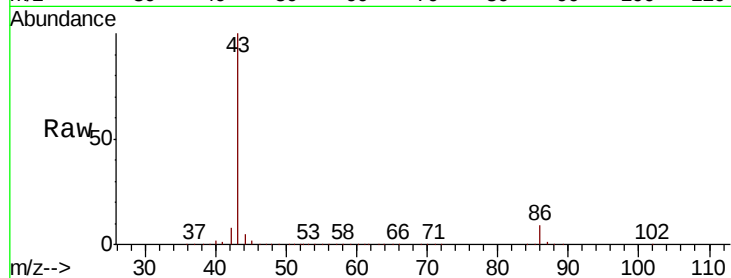
VSTDCCC050EC

Tot Ion: 43 Resp: 2066381

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

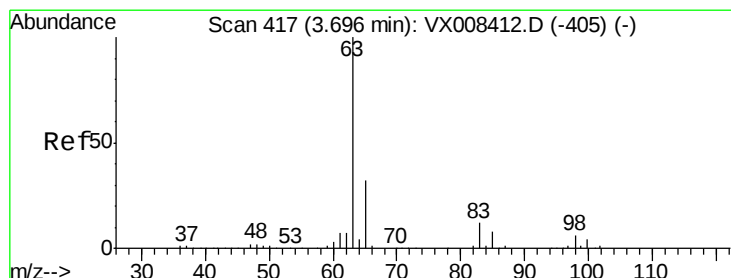
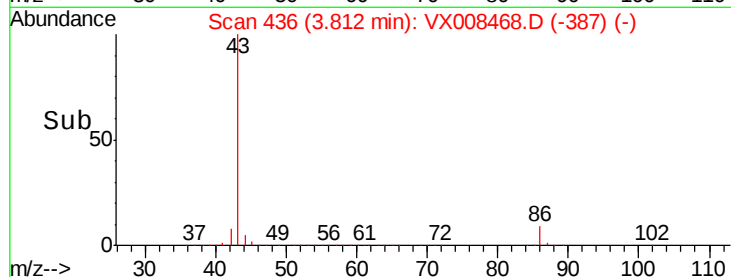
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.424 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

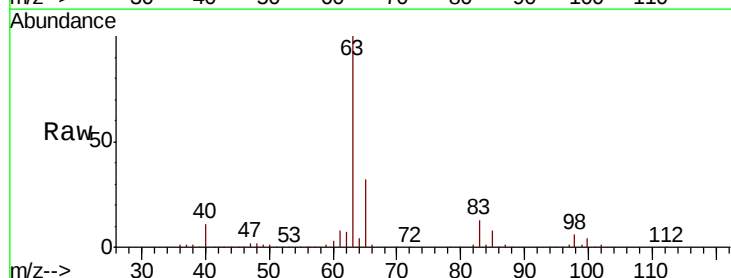
Tgt Ion: 63 Resp: 230546

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

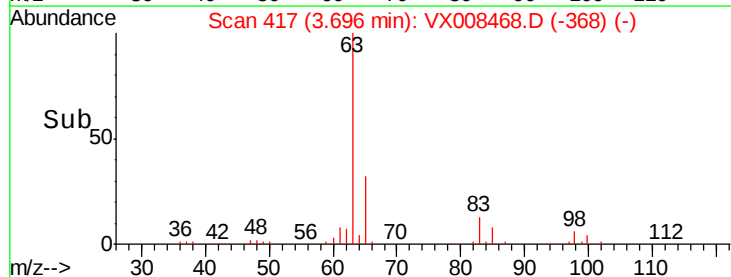
40000

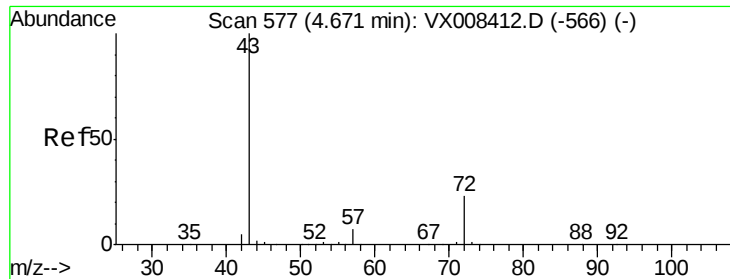
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 238.215 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

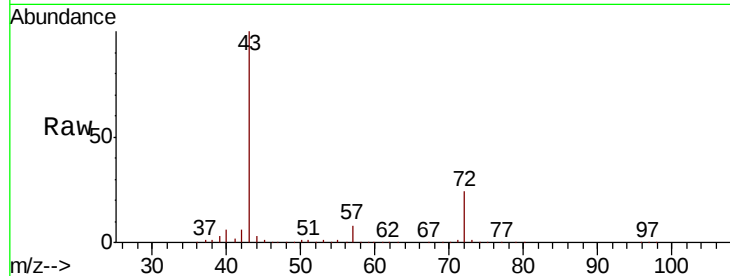
VSTDCCC050EC

Tot Ion: 43 Resp: 577365

Ion Ratio Lower Upper

43 100

72 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

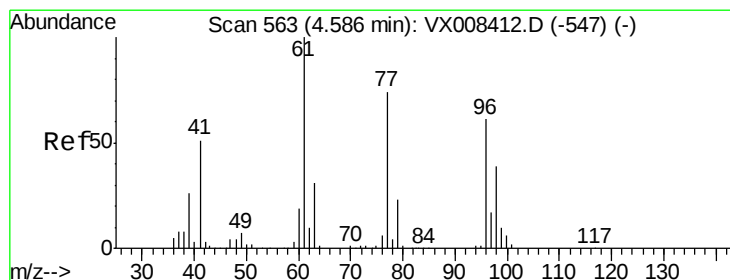
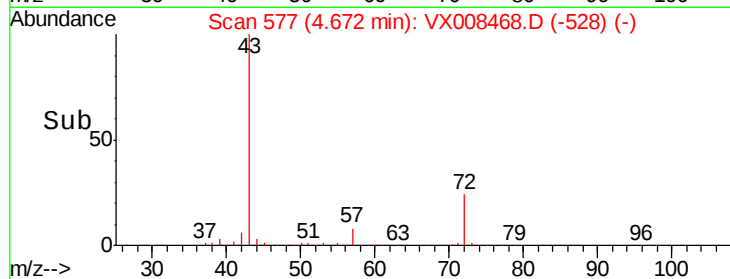
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.191 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008468.D

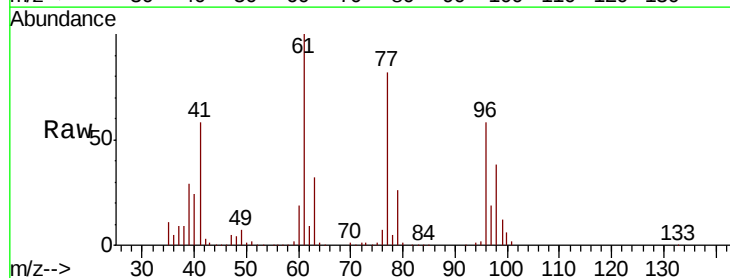
Acq: 26 Mar 2019 20:41

Tgt Ion: 77 Resp: 149354

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

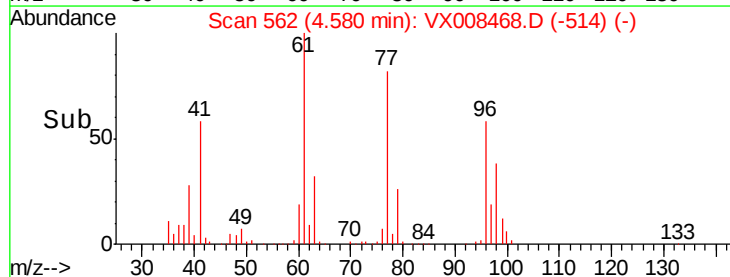
30000

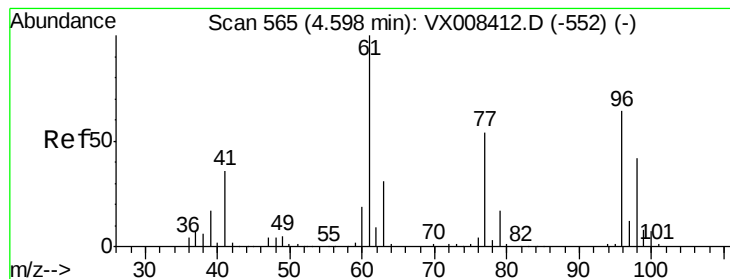
20000

10000

0

Time-->



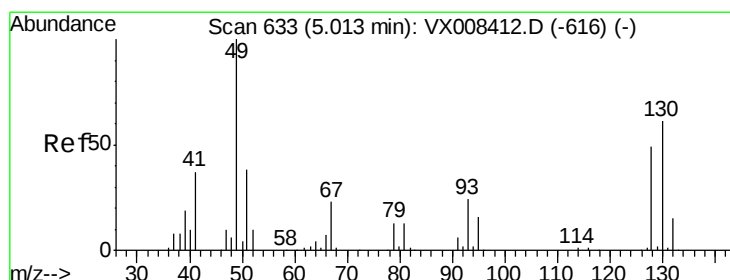
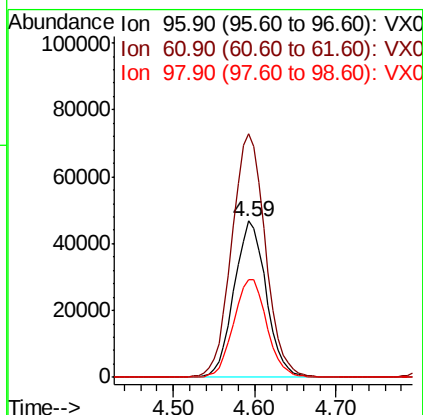
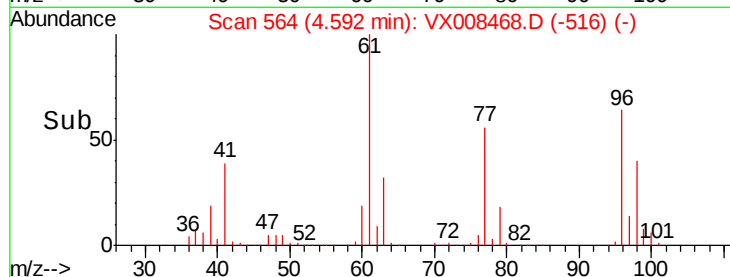
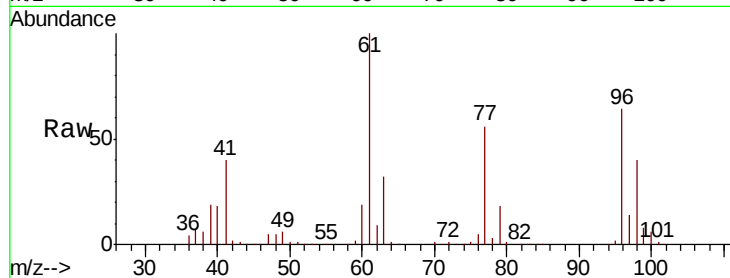


#27

cis-1,2-Dichloroethene
Concen: 47.108 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

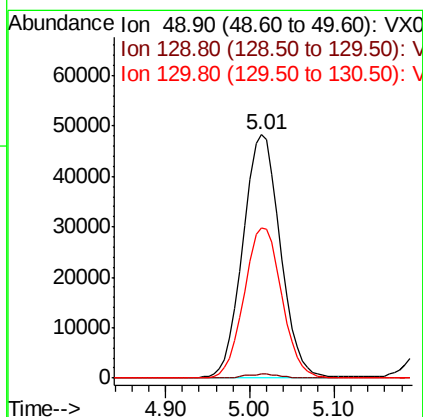
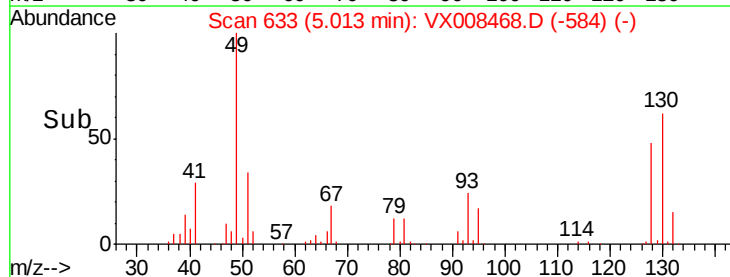
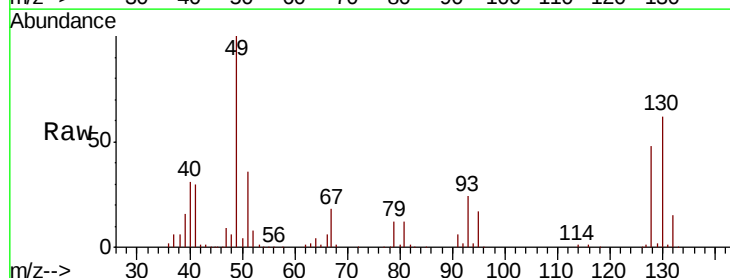
Tot Ion: 96 Resp: 127868
Ion Ratio Lower Upper
96 100
61 162.7 0.0 325.6
98 64.6 0.0 130.0

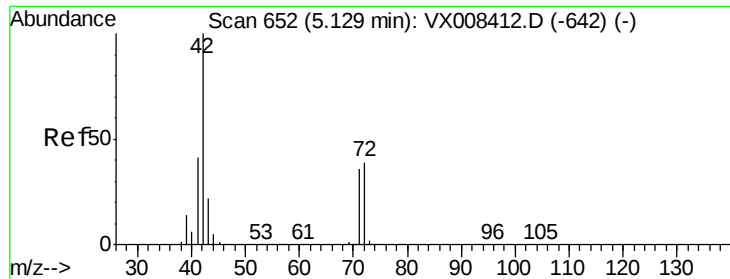


#28

Bromochloromethane
Concen: 60.800 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 49 Resp: 146027
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.0 49.8 74.6

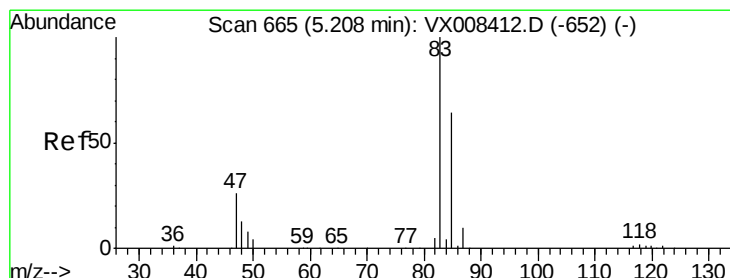
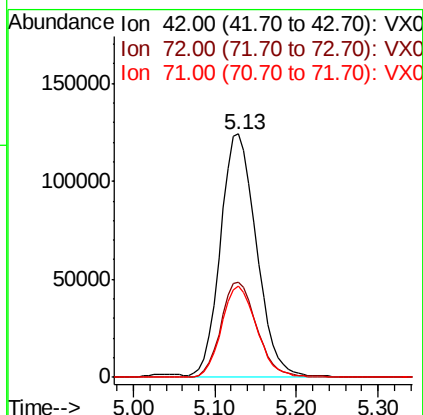
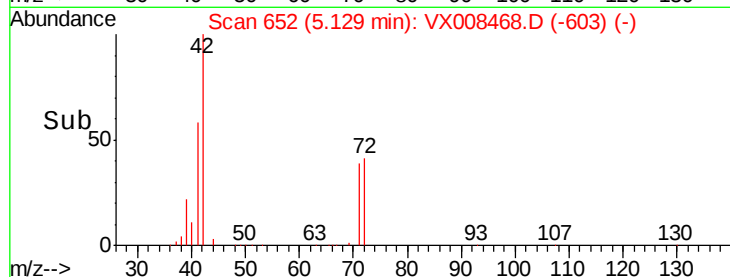
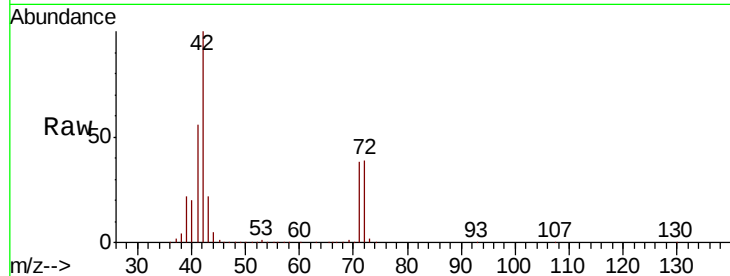




#29
Tetrahydrofuran
Concen: 237.002 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

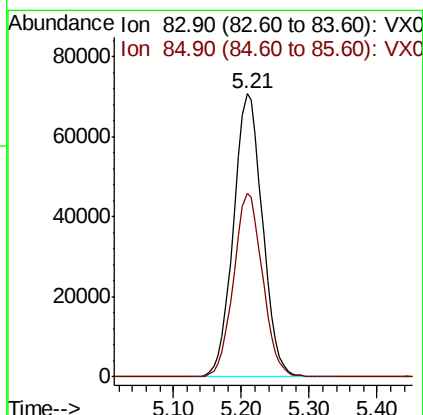
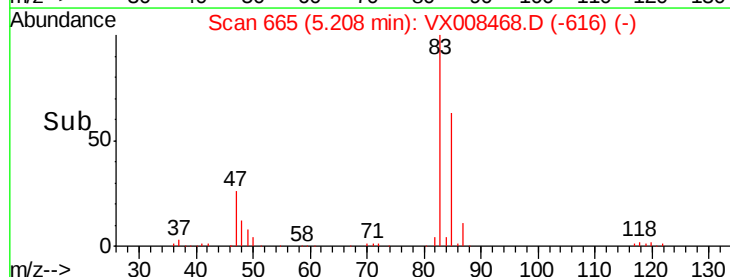
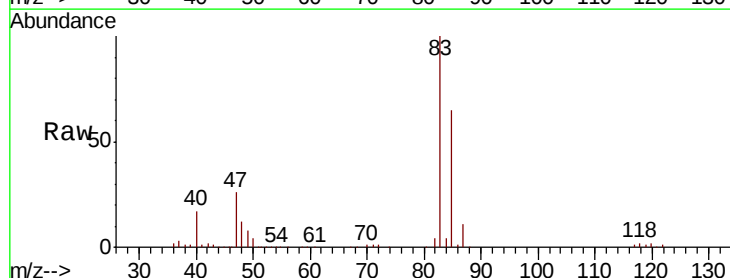
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

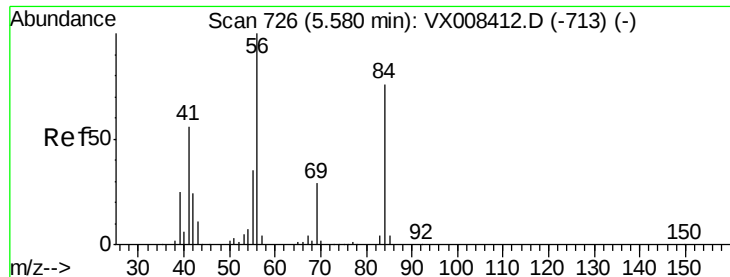
Tot Ion: 42 Resp: 378588
Ion Ratio Lower Upper
42 100
72 39.4 31.4 47.2
71 36.9 29.4 44.2



#30
Chloroform
Concen: 47.839 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 83 Resp: 209879
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2

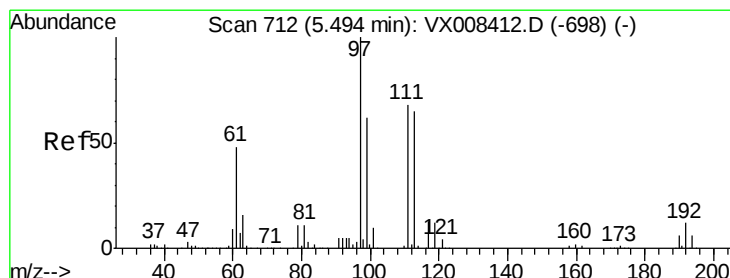
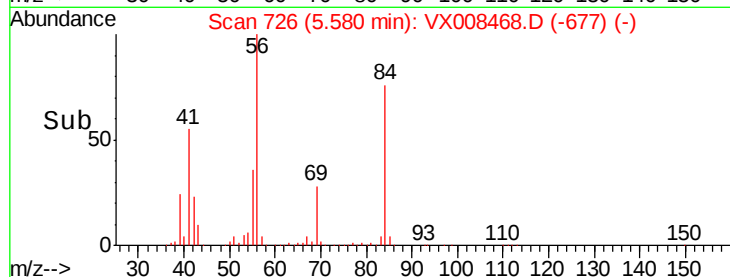
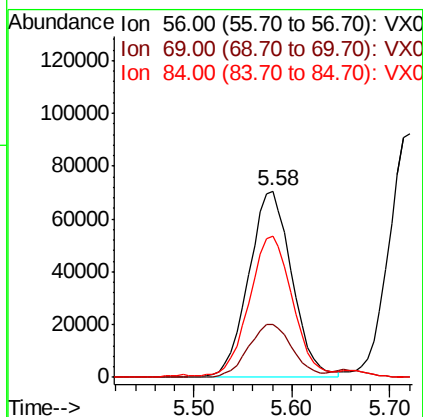
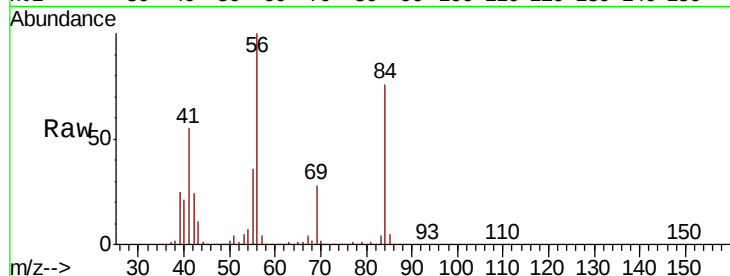




#31
Cyclohexane
Concen: 46.685 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

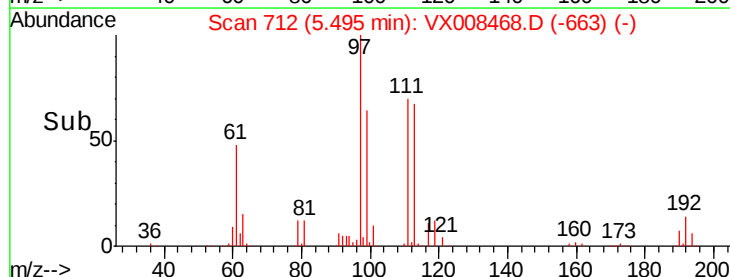
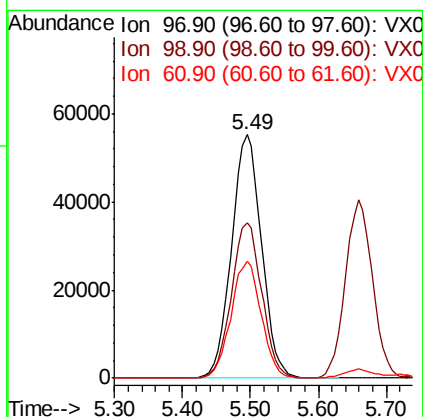
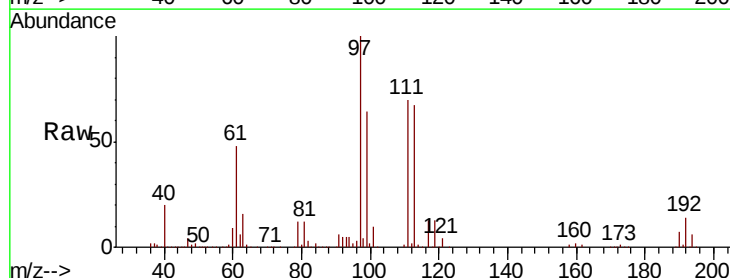
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

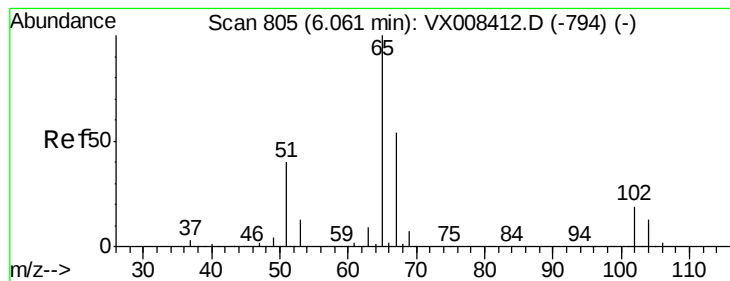
Tot Ion: 56 Resp: 216454
Ion Ratio Lower Upper
56 100
69 28.1 23.2 34.8
84 74.9 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 48.169 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 97 Resp: 168920
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 48.6 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 49.626 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

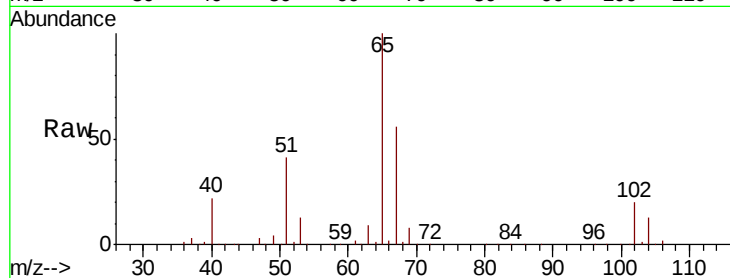
VSTDCCC050EC

Tot Ion: 65 Resp: 143546

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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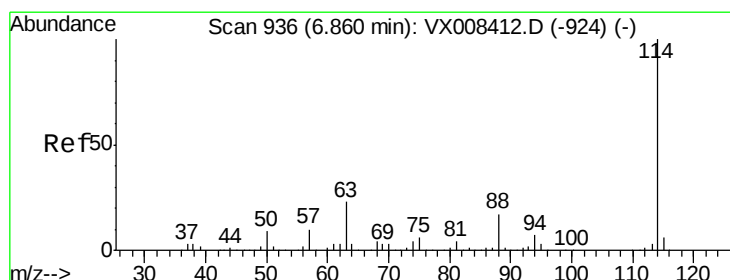
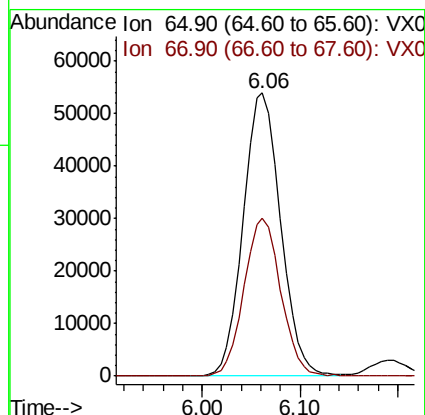
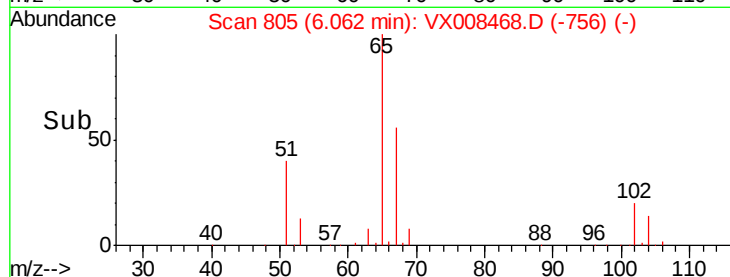
6.06

6.06

6.06

6.06

6.06



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

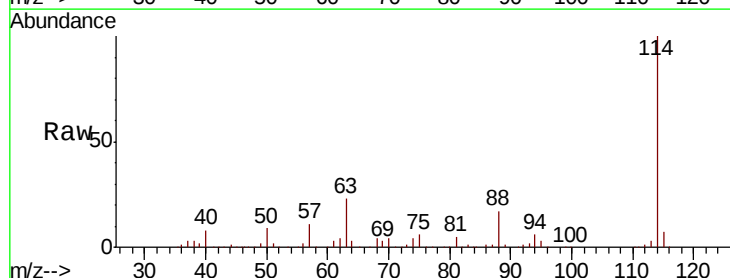
Tgt Ion: 114 Resp: 329636

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

88 16.9 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

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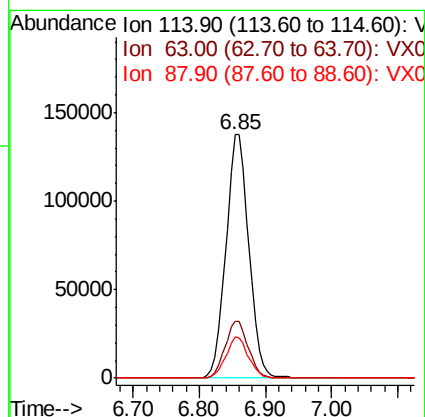
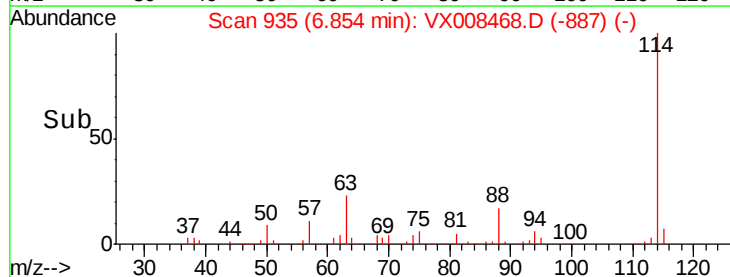
6.85

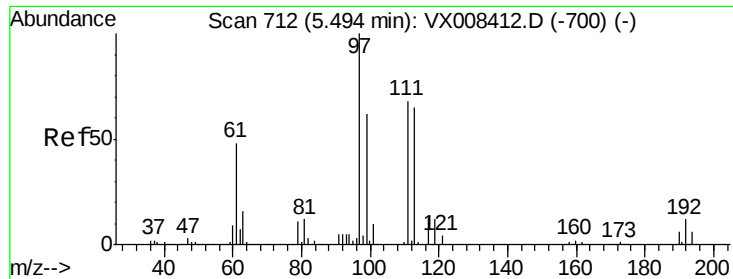
6.85

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6.85

6.85

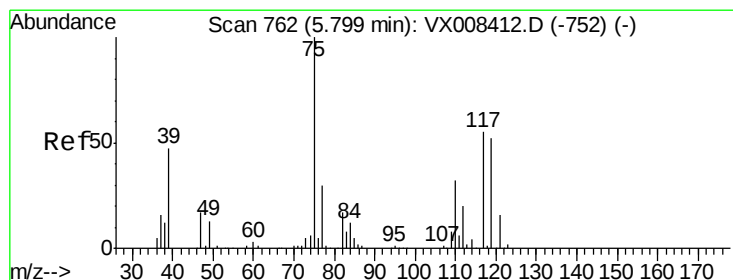
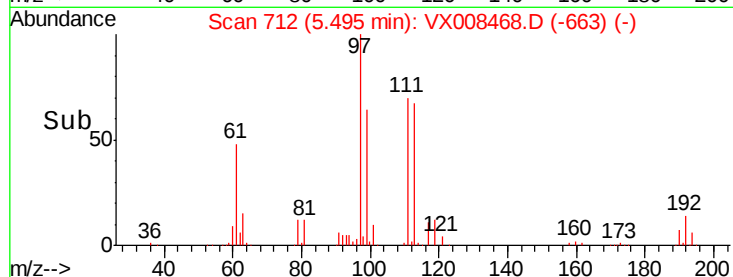
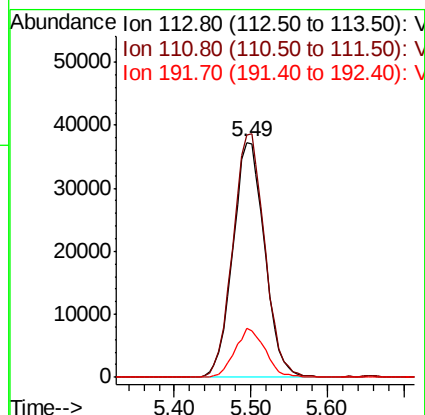
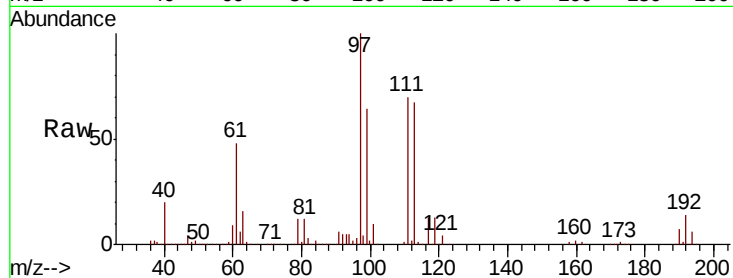




#35
 Dibromofluoromethane
 Concen: 49.868 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

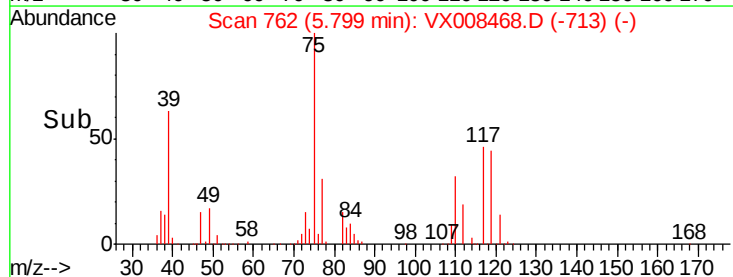
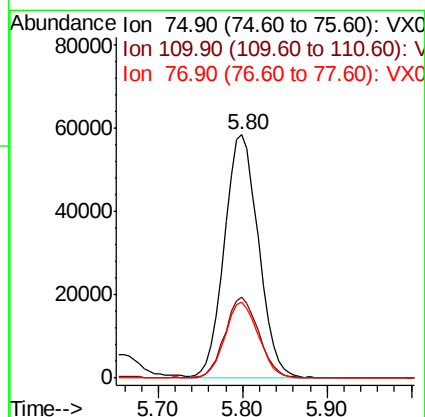
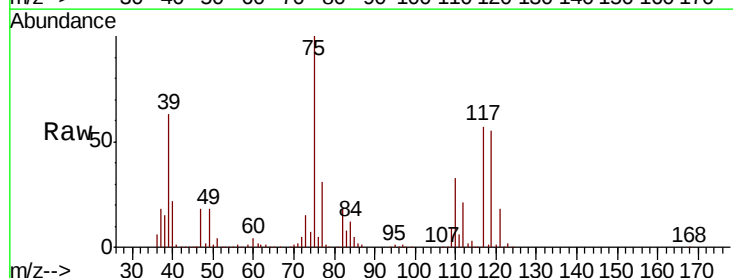
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

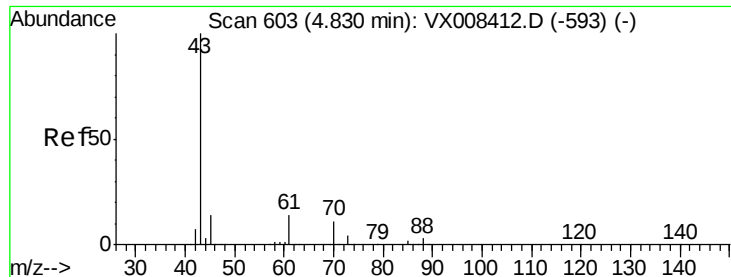
Tot Ion:113 Resp: 107185
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.4
 192 19.9 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 45.781 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion: 75 Resp: 160905
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.6 49.7
 77 31.2 24.2 36.2

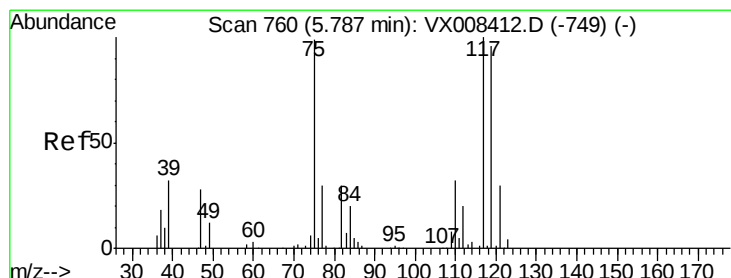
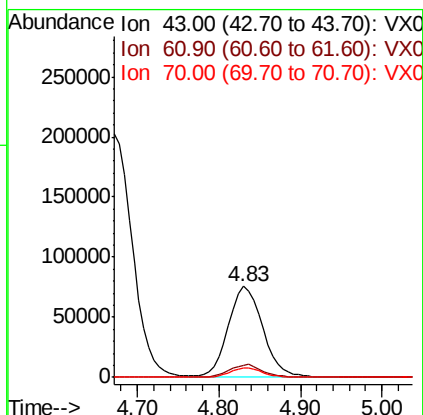
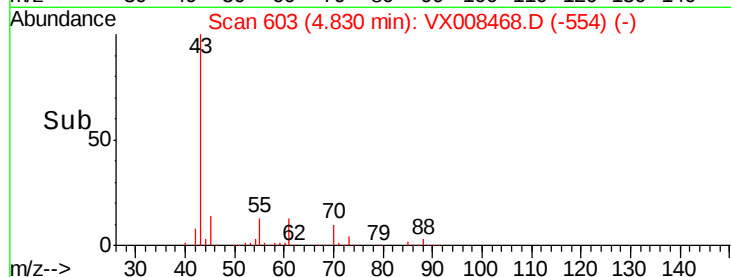
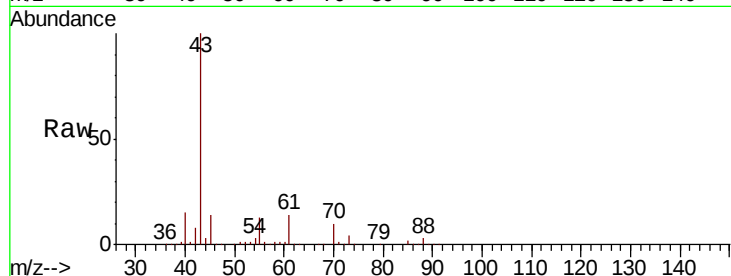




#37
Ethyl Acetate
Concen: 48.209 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

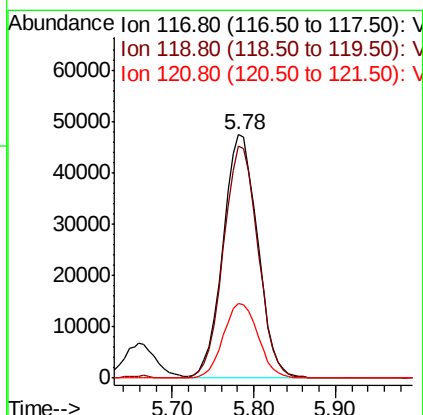
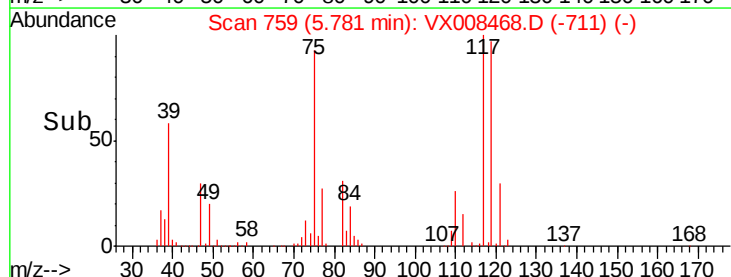
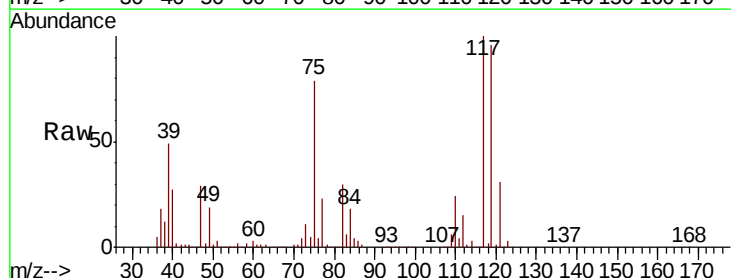
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

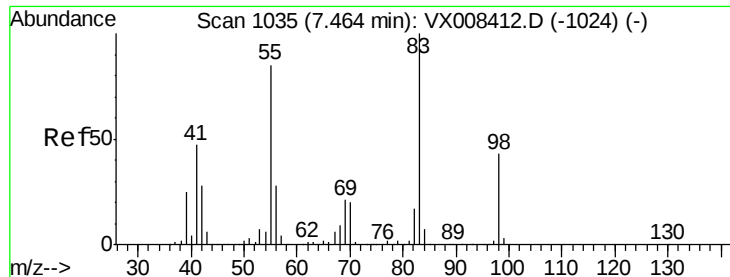
Tot Ion: 43 Resp: 219502
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.427 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 117 Resp: 139108
Ion Ratio Lower Upper
117 100
119 95.4 76.7 115.1
121 30.7 24.3 36.5

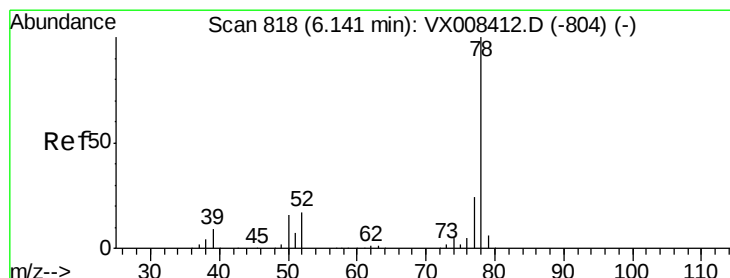
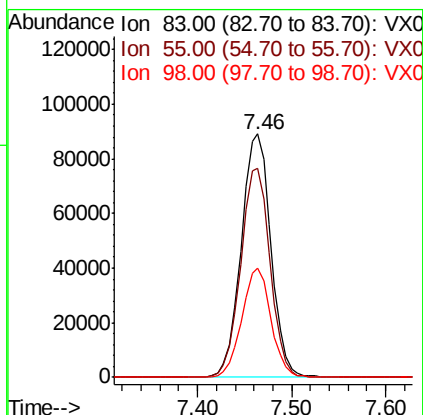
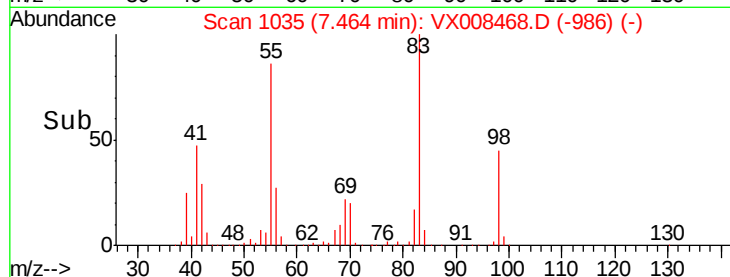
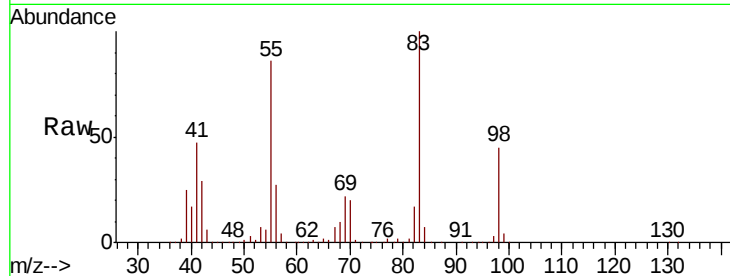




#39
Methvlcvclohexane
Concen: 46.759 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

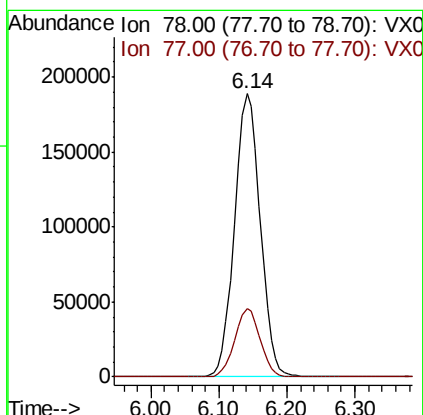
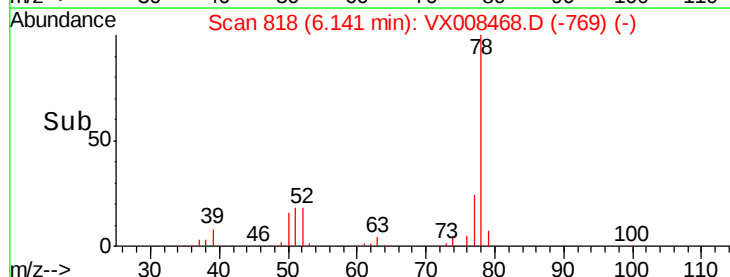
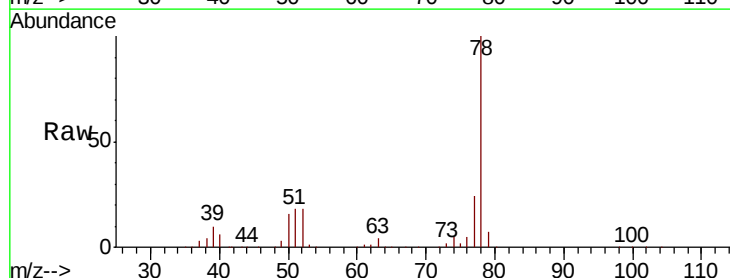
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

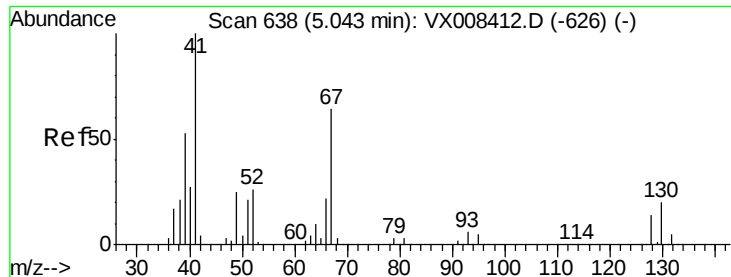
Tot Ion: 83 Resp: 196402
Ion Ratio Lower Upper
83 100
55 86.0 68.2 102.4
98 44.7 34.2 51.4



#40
Benzene
Concen: 47.225 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 78 Resp: 496900
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





#41

Methacrylonitrile

Concen: 49.342 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 126255

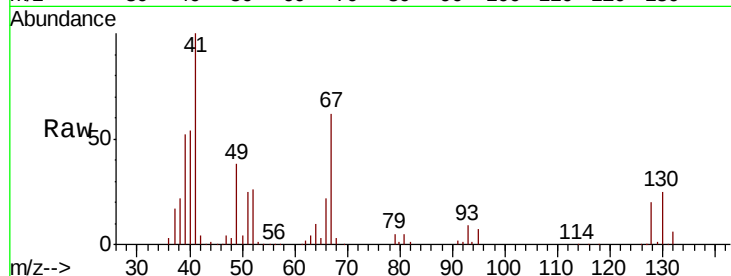
Ion Ratio Lower Upper

41 100

39 53.2 42.6 64.0

67 63.6 52.2 78.4

52 27.0 21.4 32.0

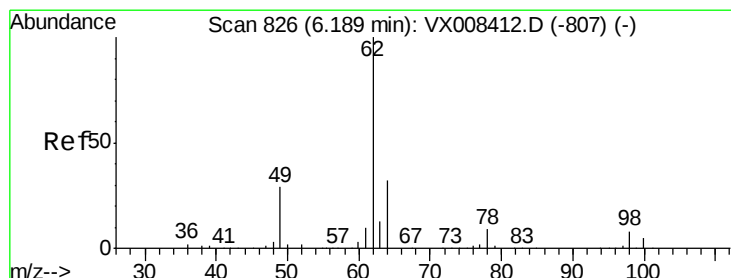
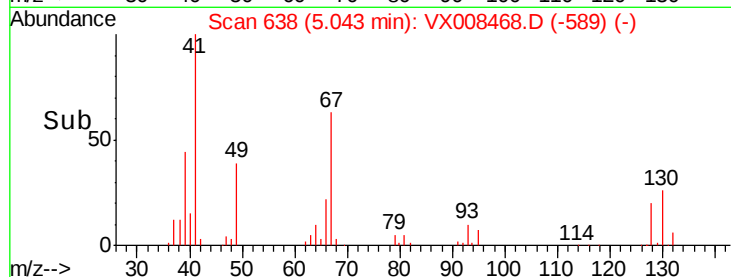
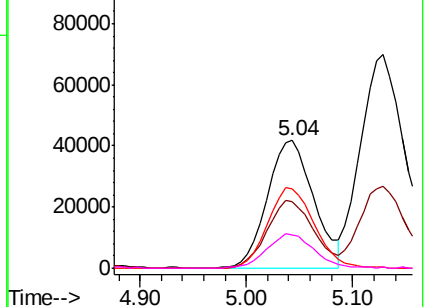


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 45.920 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008468.D

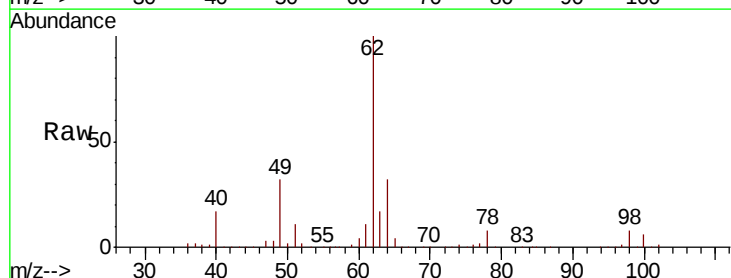
Acq: 26 Mar 2019 20:41

Tgt Ion: 62 Resp: 176904

Ion Ratio Lower Upper

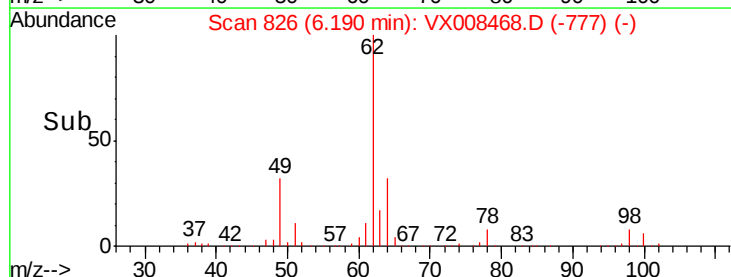
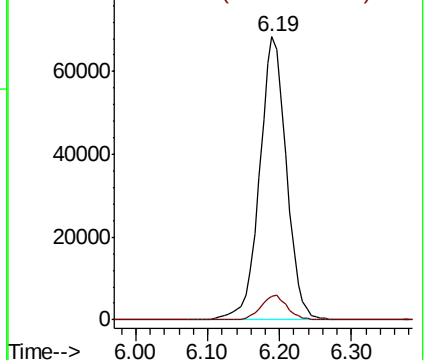
62 100

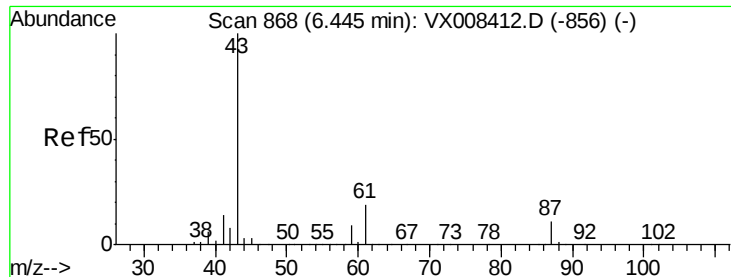
98 8.5 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



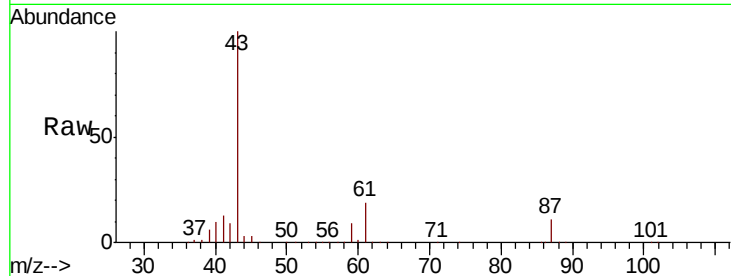


#43

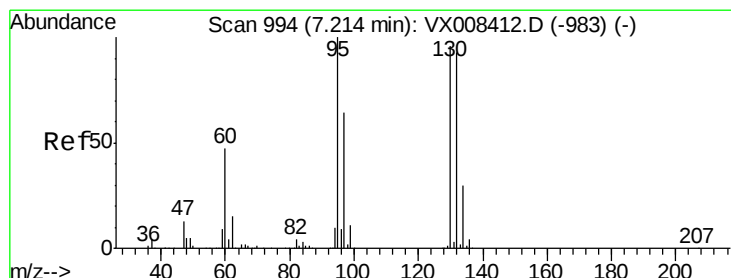
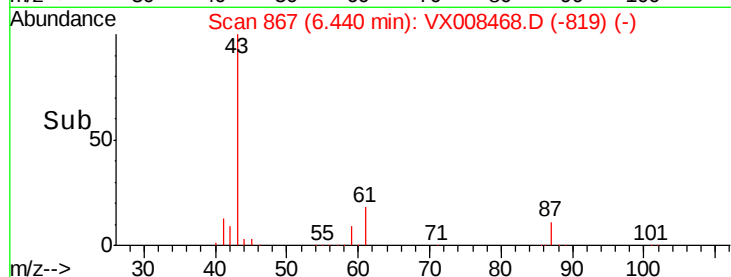
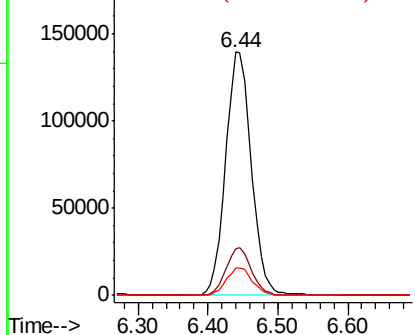
Isopropyl Acetate
 Concen: 48.608 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 354001
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.4 23.2
 87 11.5 9.1 13.7



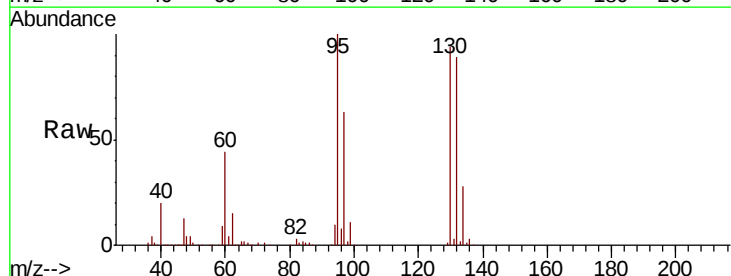
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



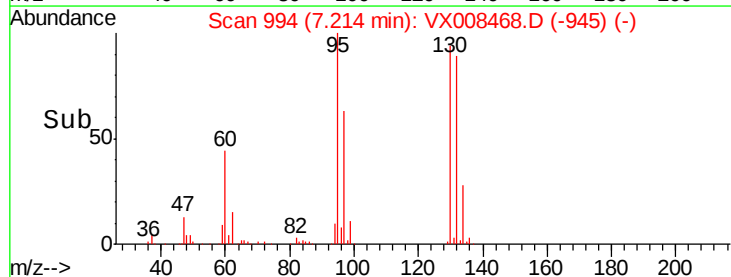
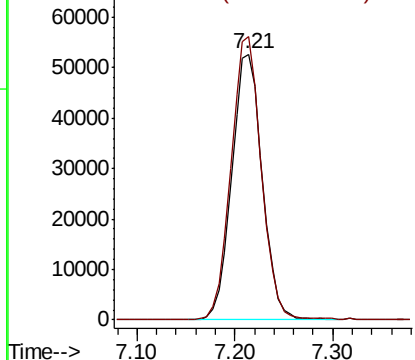
#44

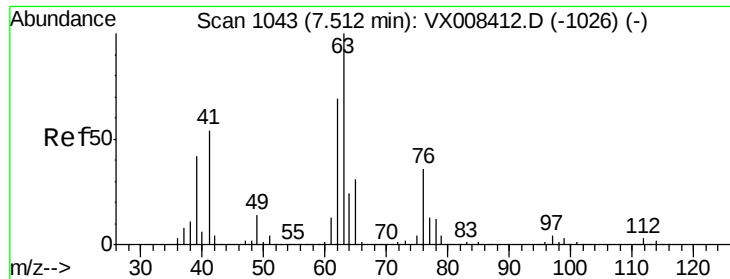
Trichloroethene
 Concen: 46.128 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion:130 Resp: 113962
 Ion Ratio Lower Upper
 130 100
 95 106.4 0.0 208.8



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

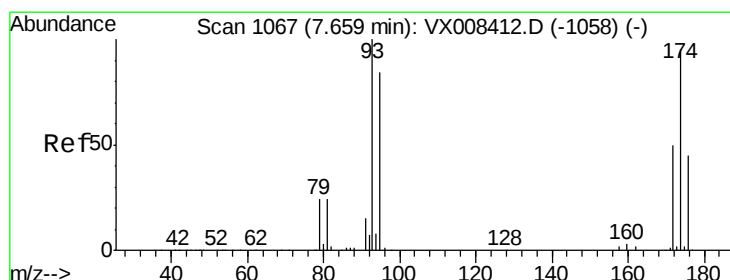
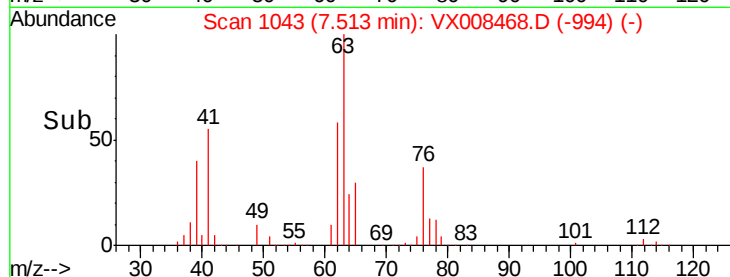
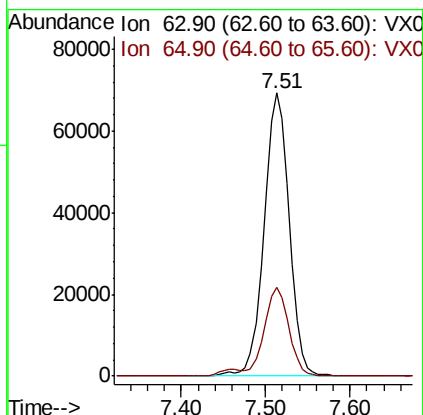
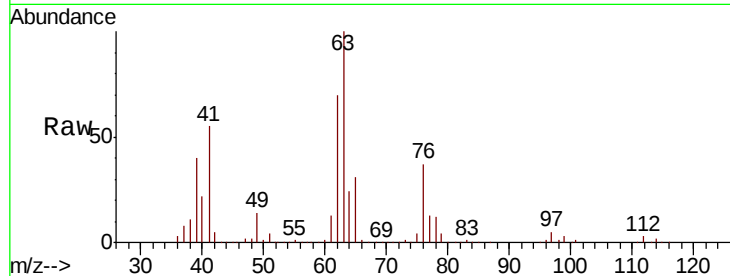




#45
 1,2-Dichloropropane
 Concen: 47.730 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

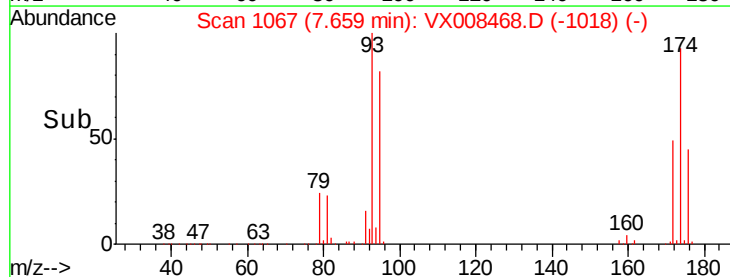
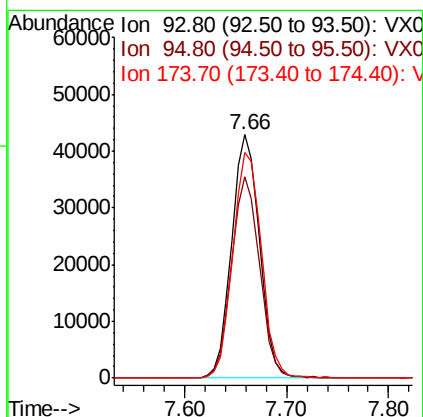
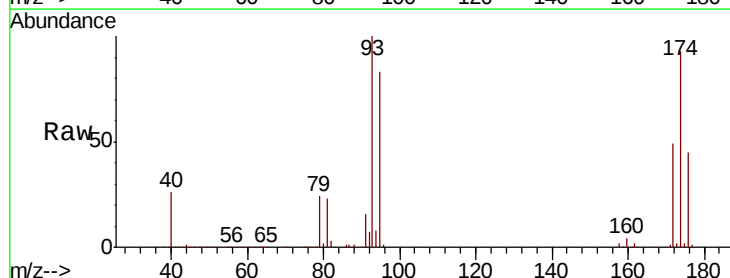
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

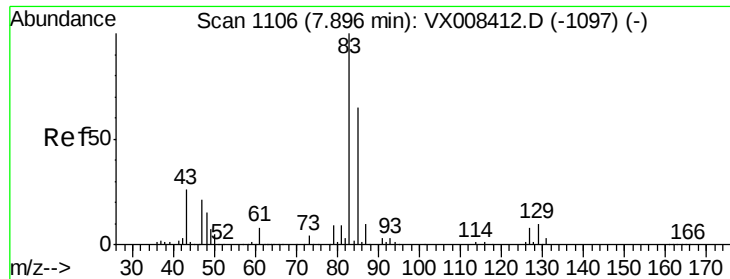
Tot Ion: 63 Resp: 142748
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 46.314 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion: 93 Resp: 80885
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 95.1 76.0 114.0





#47

Bromodichloromethane

Concen: 48.653 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

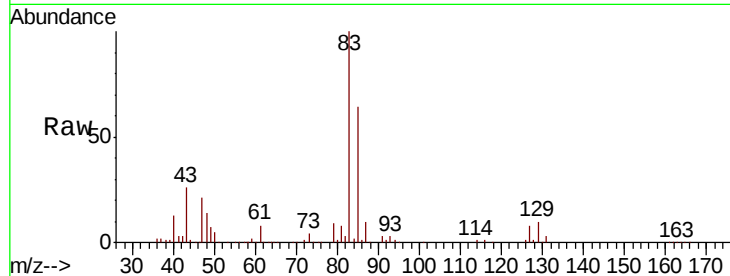
Tot Ion: 83 Resp: 162638

Ion Ratio Lower Upper

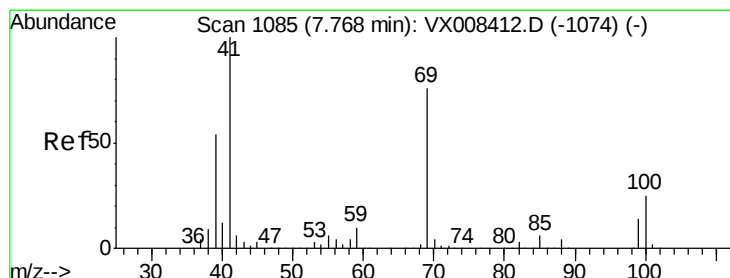
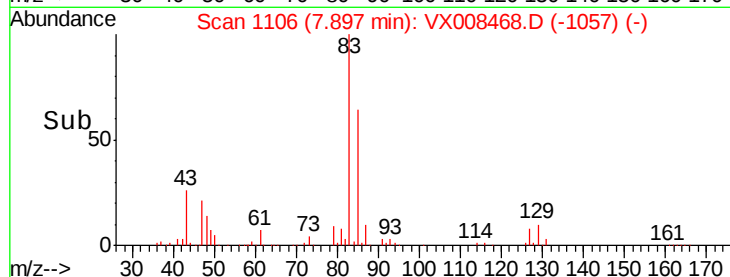
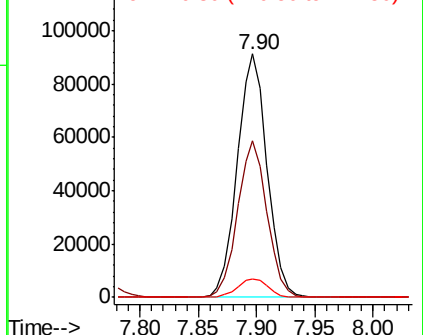
83 100

85 64.1 52.0 78.0

127 7.6 6.4 9.6



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



#48

Methyl methacrylate

Concen: 49.113 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

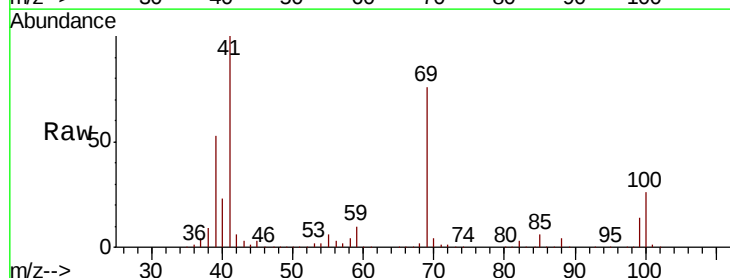
Tgt Ion: 41 Resp: 178971

Ion Ratio Lower Upper

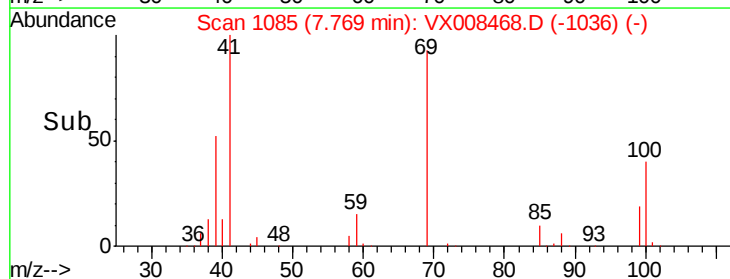
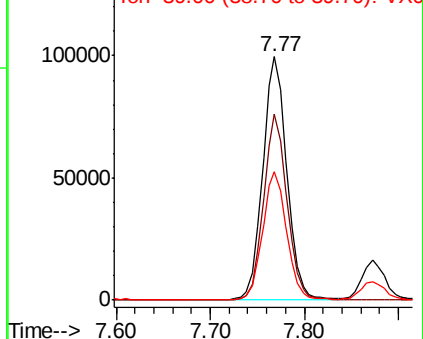
41 100

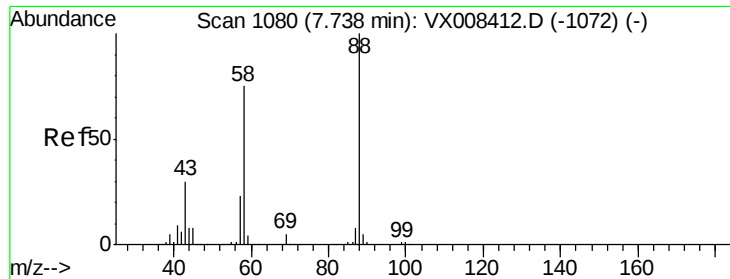
69 75.0 60.8 91.2

39 52.4 42.3 63.5



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

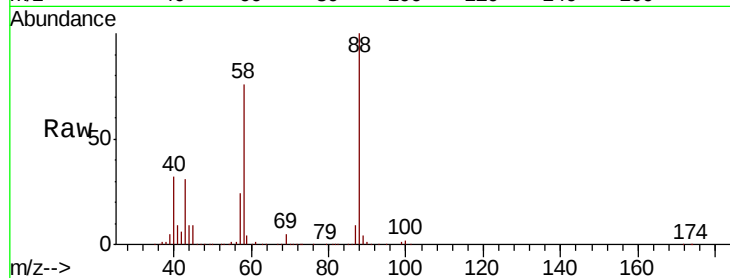




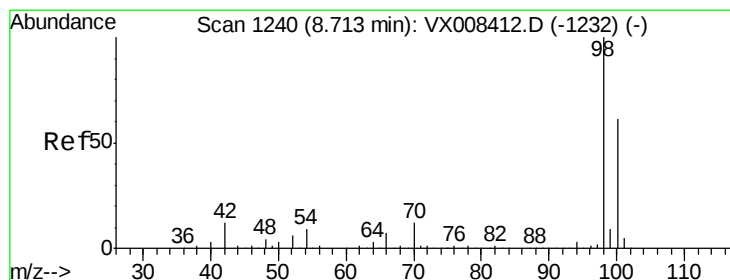
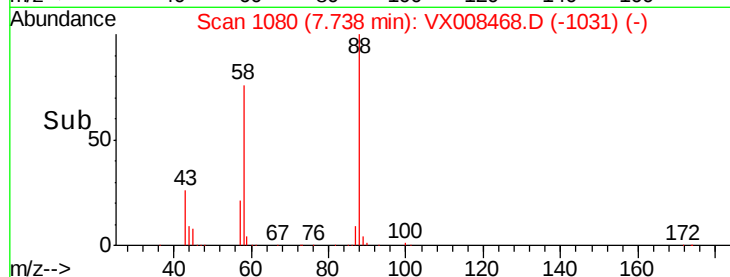
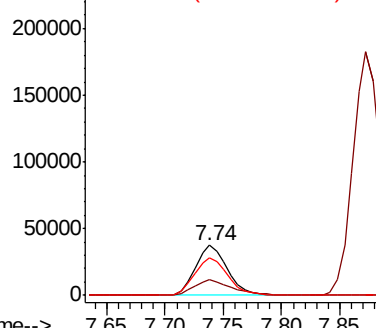
#49
1,4-Dioxane
Concen: 986.051 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 71445
Ion Ratio Lower Upper
88 100
43 35.7 28.6 43.0
58 78.9 63.0 94.4

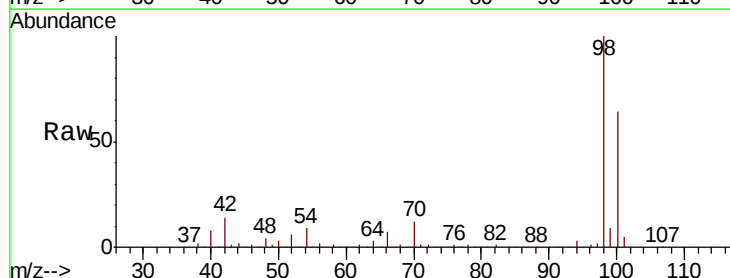


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

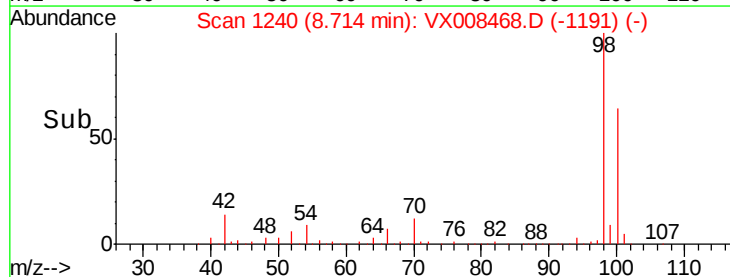
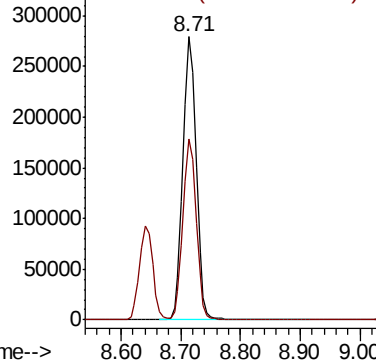


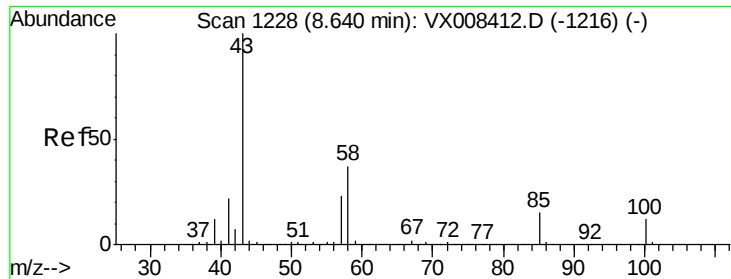
#50
Toluene-d8
Concen: 49.907 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 98 Resp: 428925
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 247.303 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

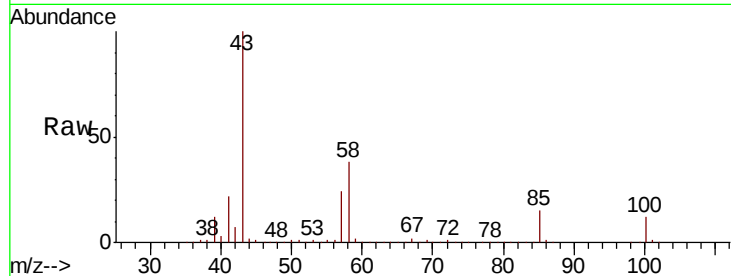
VSTDCCC050EC

Tot Ion: 43 Resp: 1169802

Ion Ratio Lower Upper

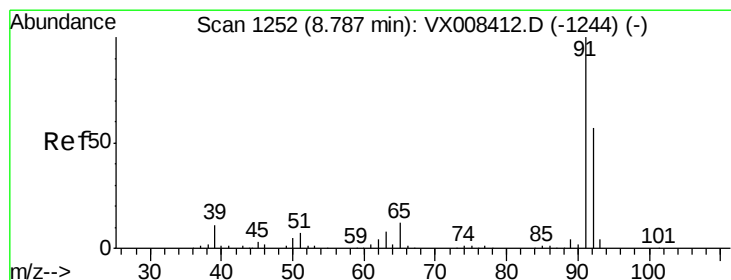
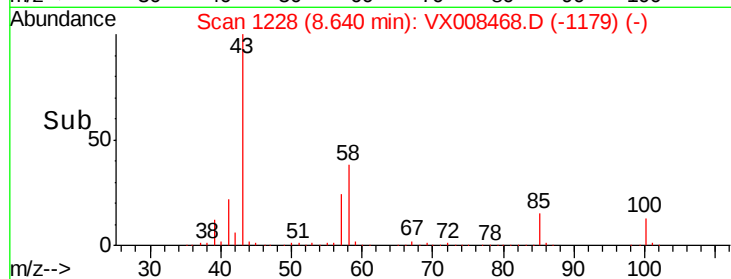
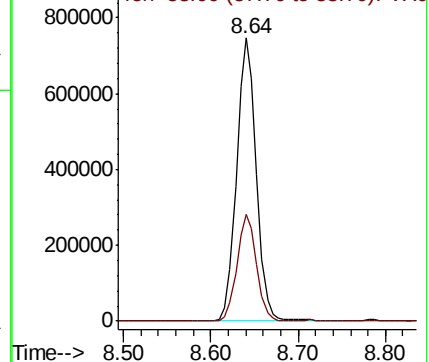
43 100

58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.933 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008468.D

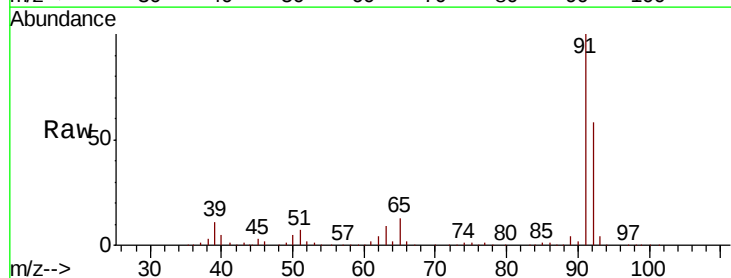
Acq: 26 Mar 2019 20:41

Tgt Ion: 92 Resp: 301567

Ion Ratio Lower Upper

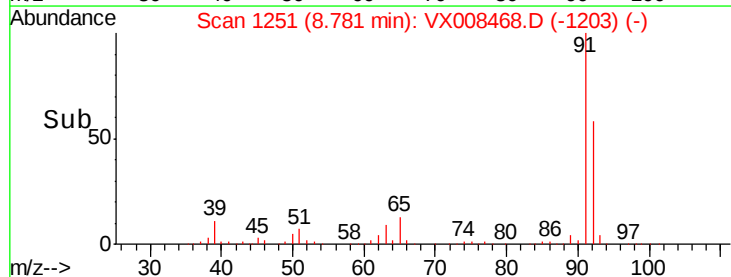
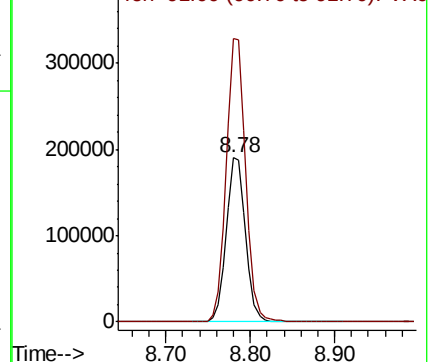
92 100

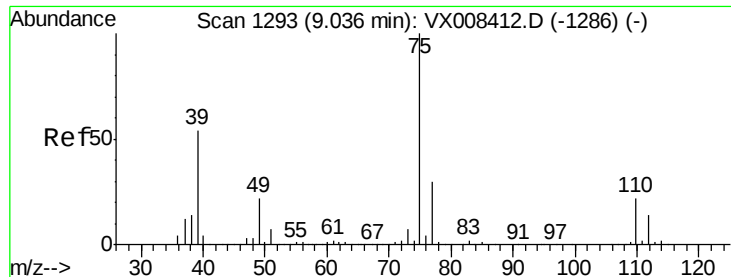
91 173.8 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

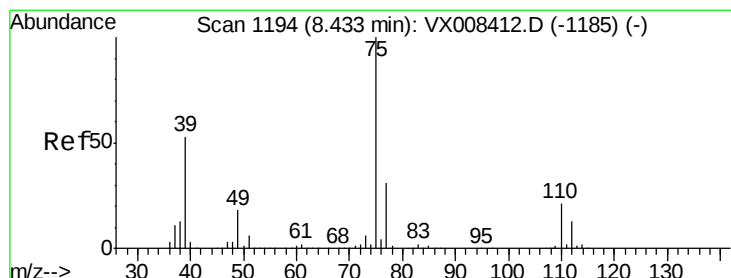
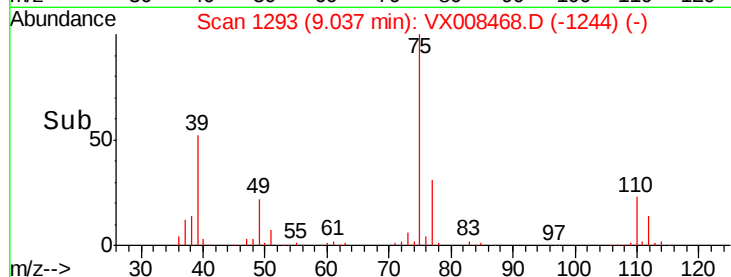
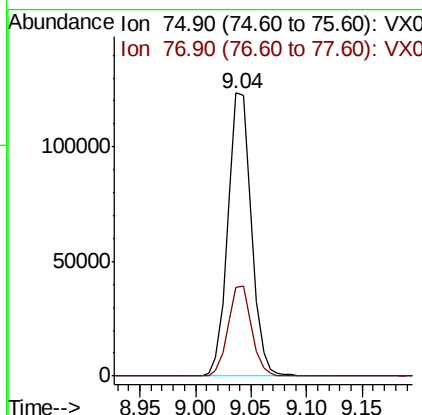
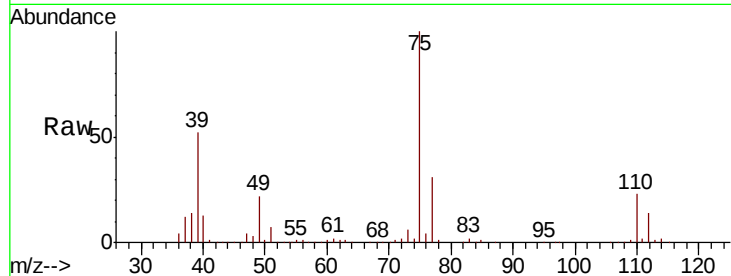




#53
t-1,3-Dichloropropene
Concen: 49.315 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

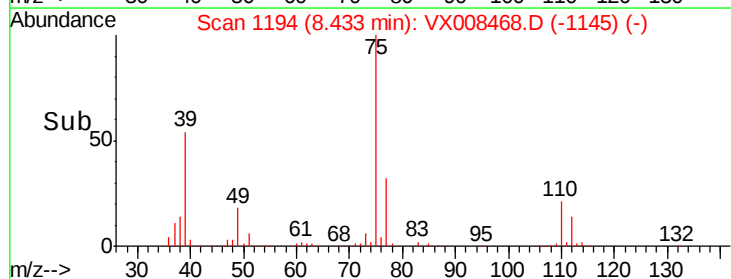
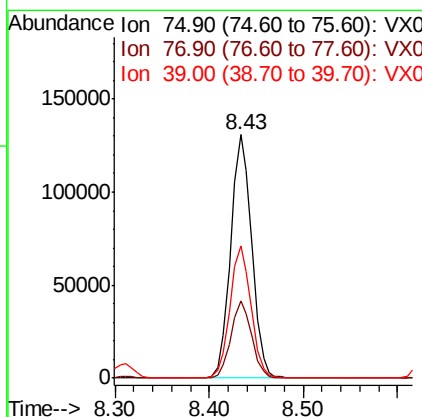
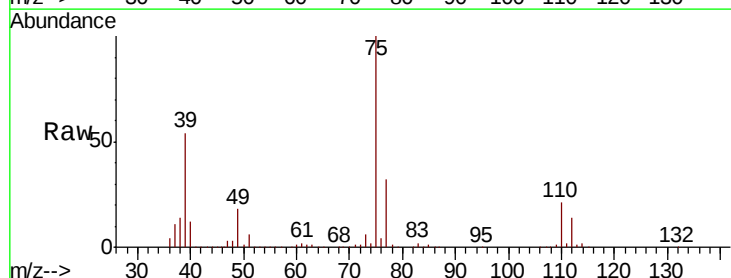
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

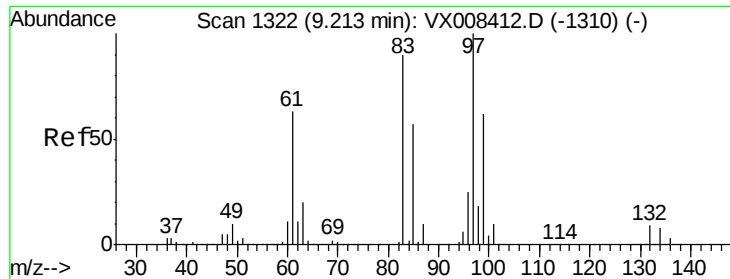
Tot Ion: 75 Resp: 180563
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 48.728 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 75 Resp: 202878
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 54.0 42.4 63.6

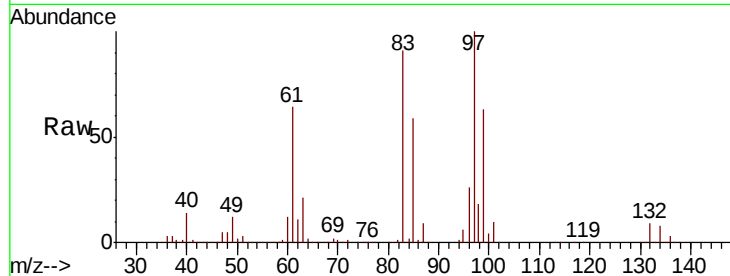




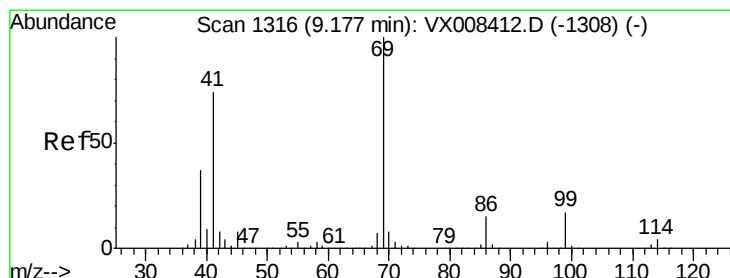
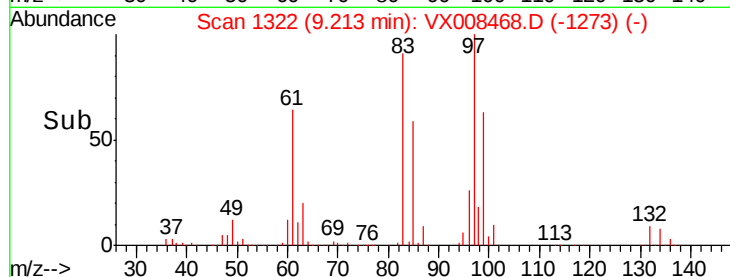
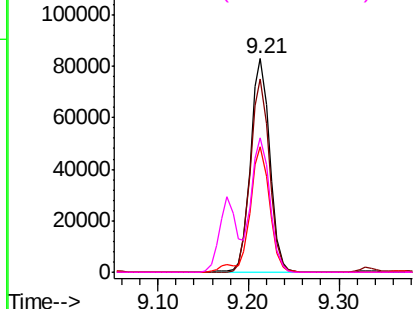
#55
 1,1,2-Trichloroethane
 Concen: 47.652 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 122038
 Ion Ratio Lower Upper
 97 100
 83 90.7 71.8 107.6
 85 58.6 45.9 68.9
 99 63.0 49.4 74.0

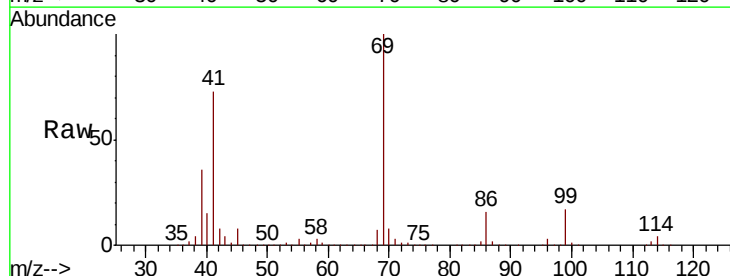


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

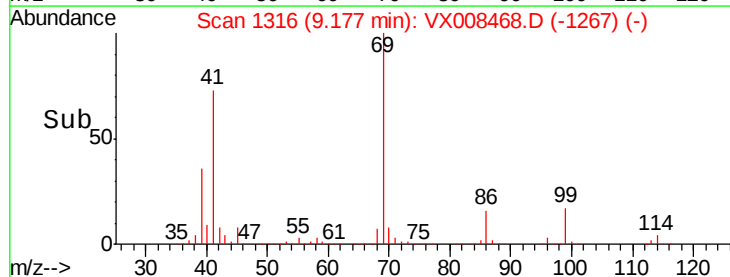
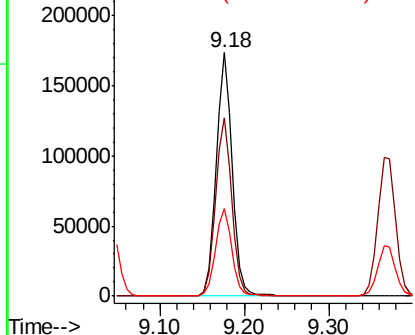


#56
 Ethyl methacrylate
 Concen: 49.635 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion: 69 Resp: 229457
 Ion Ratio Lower Upper
 69 100
 41 74.5 59.5 89.3
 39 36.3 29.3 43.9



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





#57

1,3-Dichloropropane

Concen: 47.261 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

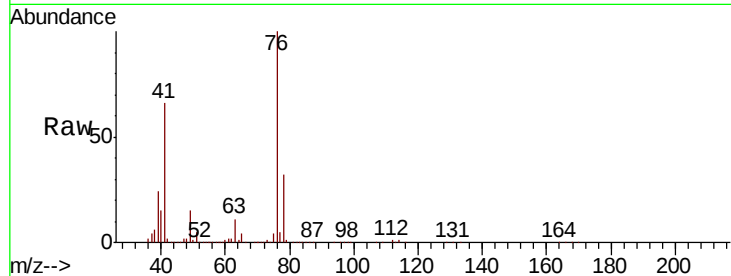
VSTDCCC050EC

Tot Ion: 76 Resp: 217007

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

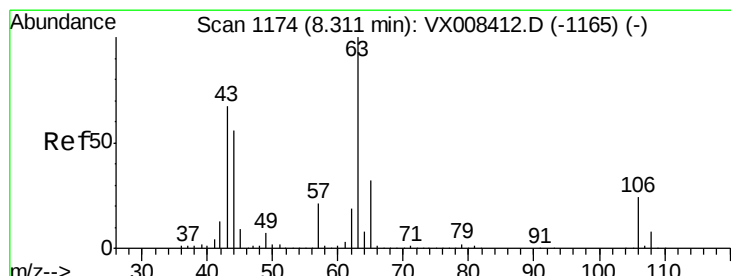
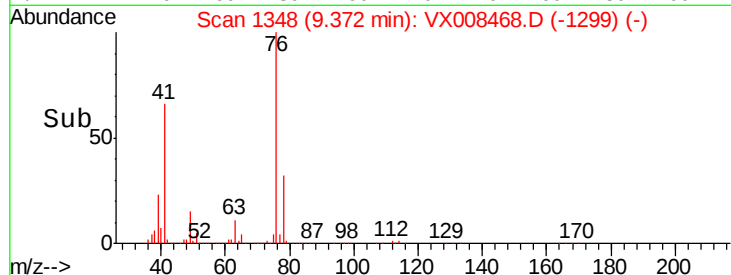
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 247.241 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008468.D

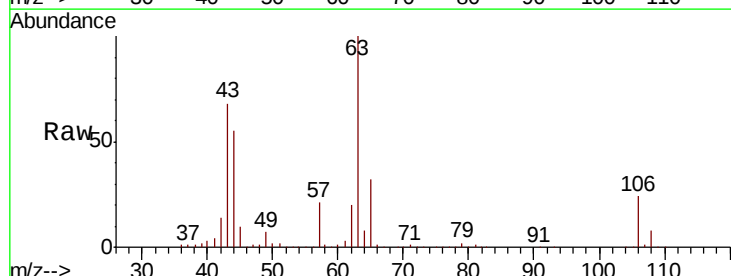
Acq: 26 Mar 2019 20:41

Tgt Ion: 63 Resp: 590817

Ion Ratio Lower Upper

63 100

106 23.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

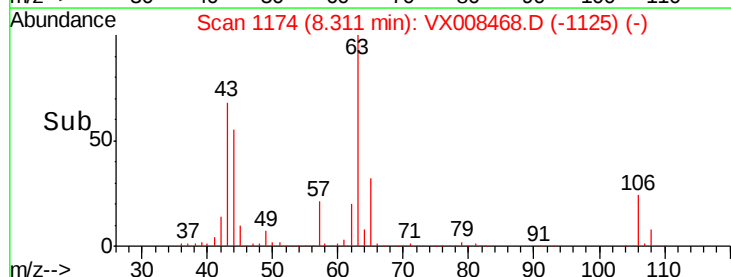
200000

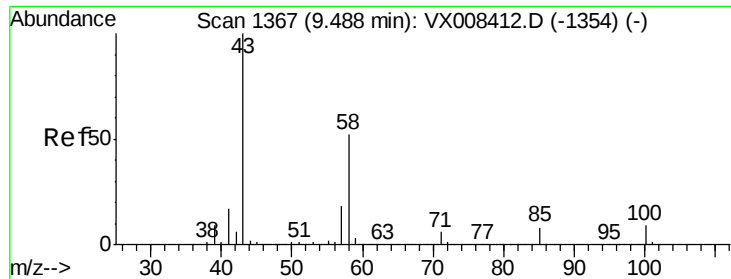
100000

0

8.20 8.30 8.40

Time-->

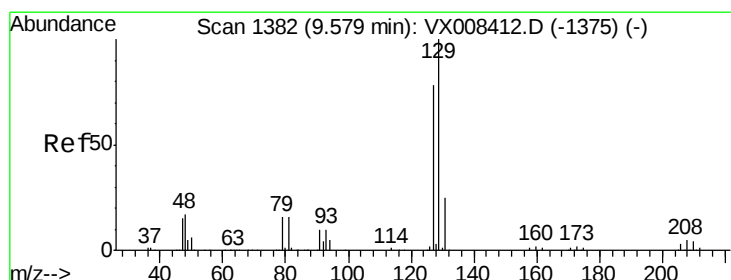
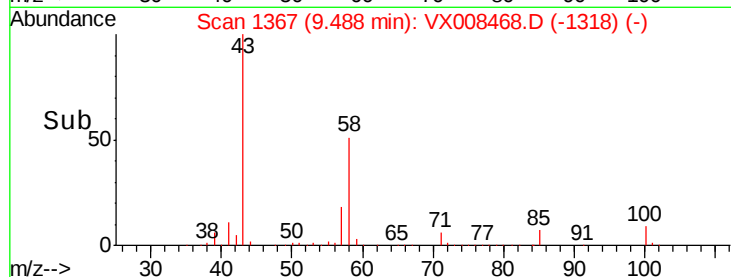
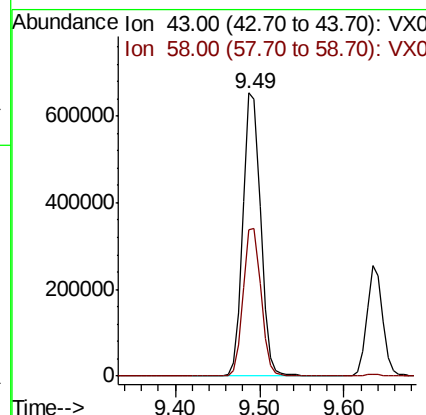
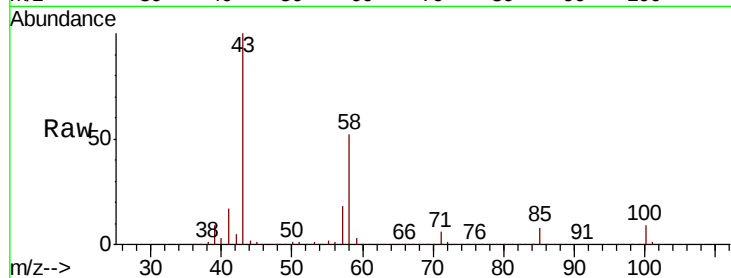




#59
2-Hexanone
Concen: 249.750 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

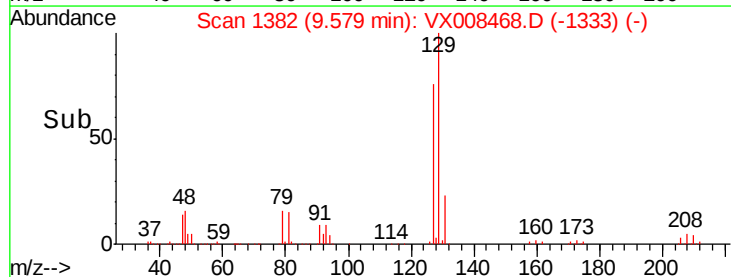
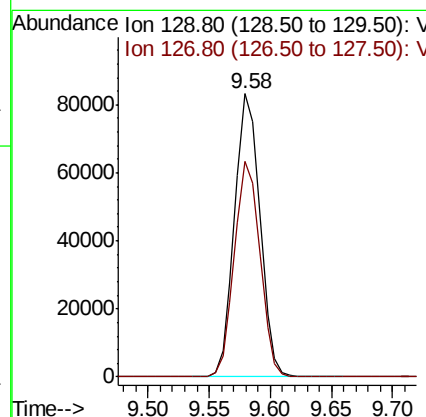
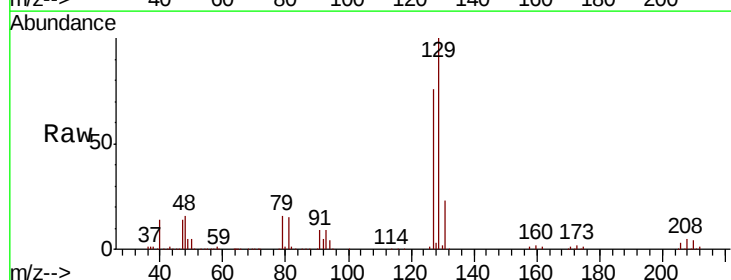
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

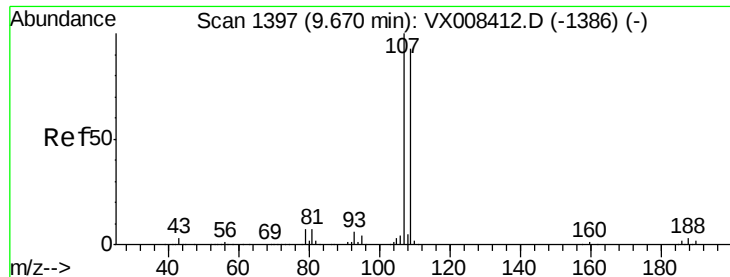
Tot Ion: 43 Resp: 915399
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9



#60
Dibromochloromethane
Concen: 48.996 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 129 Resp: 119333
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.116 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

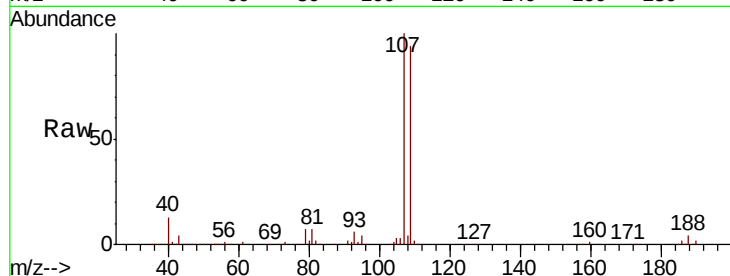
VSTDCCC050EC

Tot Ion:107 Resp: 125754

Ion Ratio Lower Upper

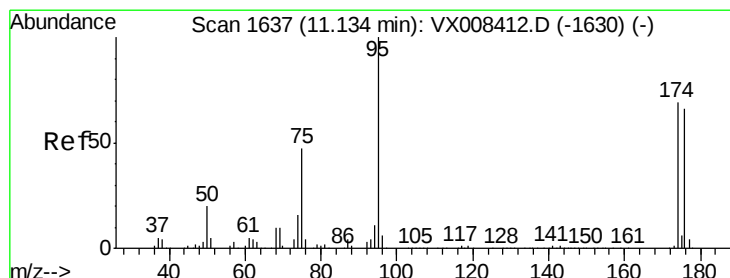
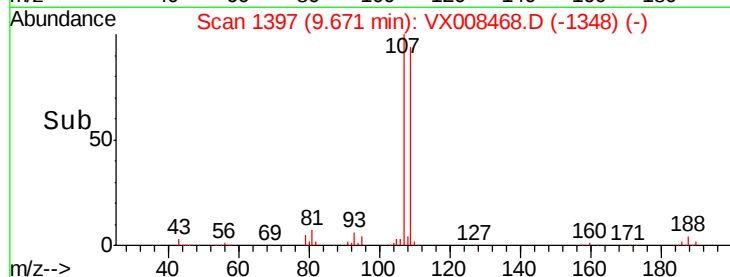
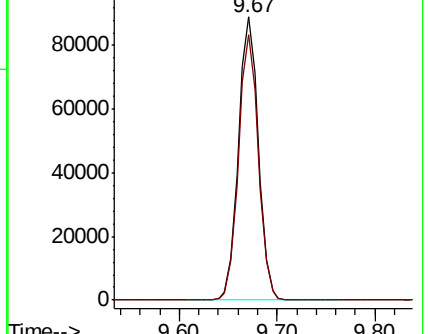
107 100

109 93.3 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

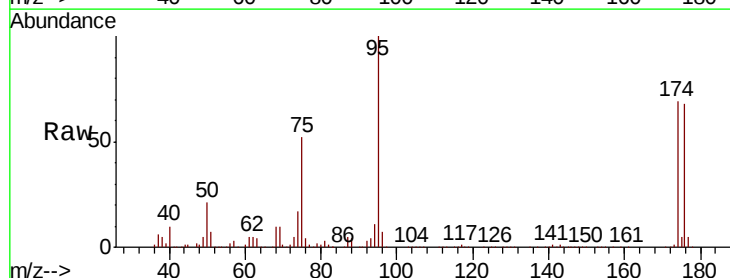
Tgt Ion: 95 Resp: 160959

Ion Ratio Lower Upper

95 100

174 74.4 0.0 147.2

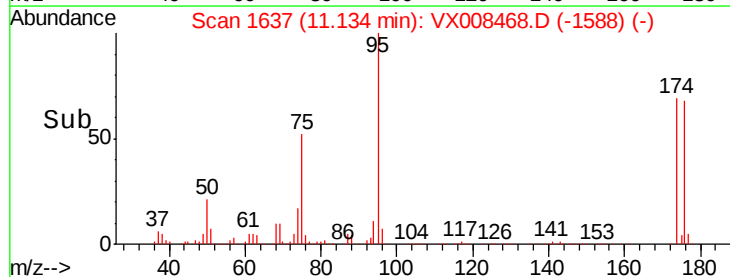
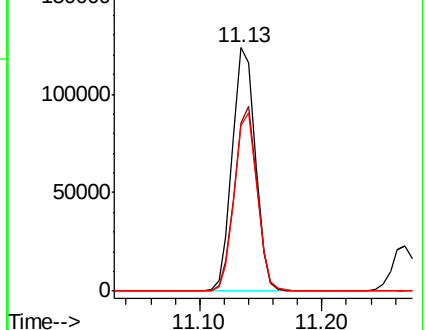
176 72.4 0.0 142.4

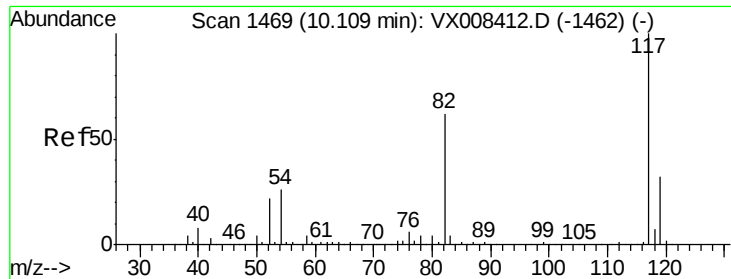


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

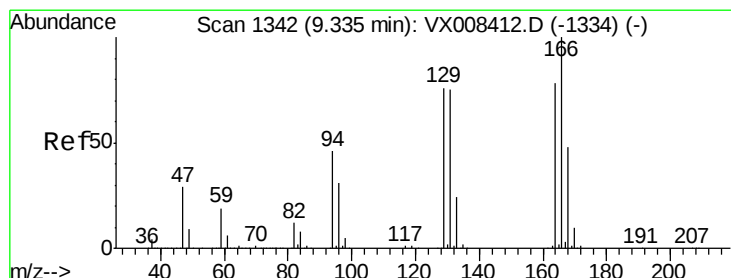
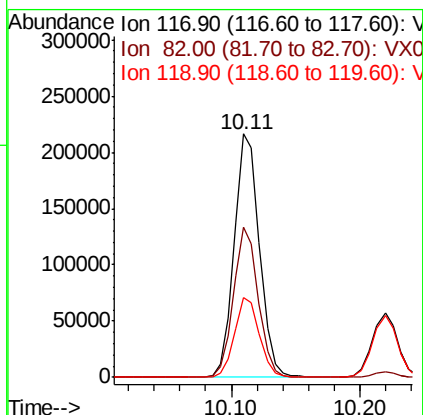
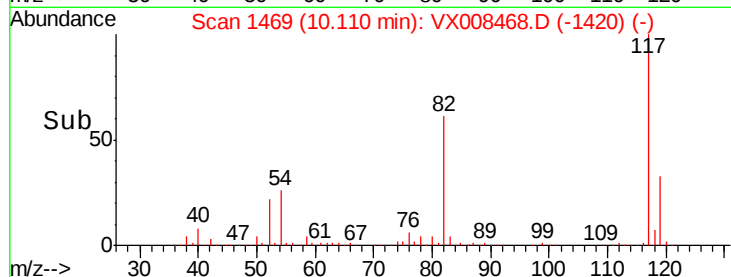
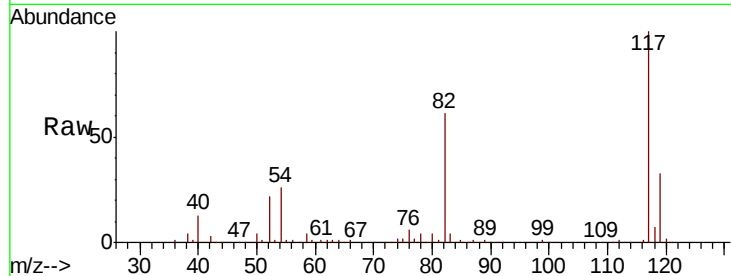




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

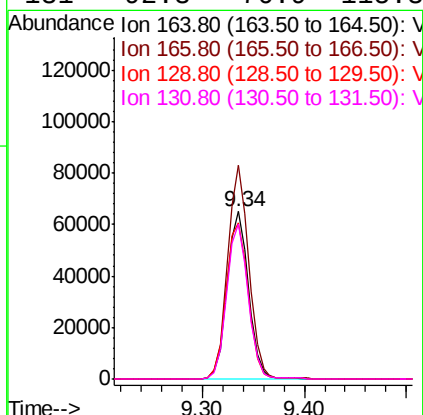
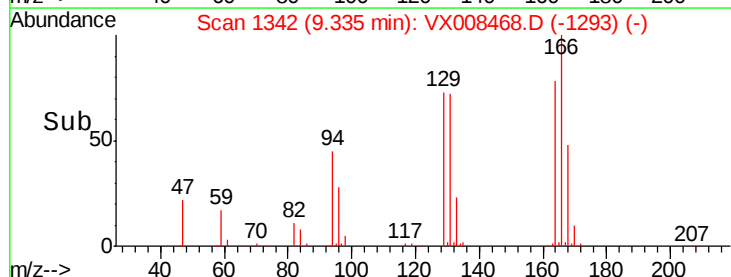
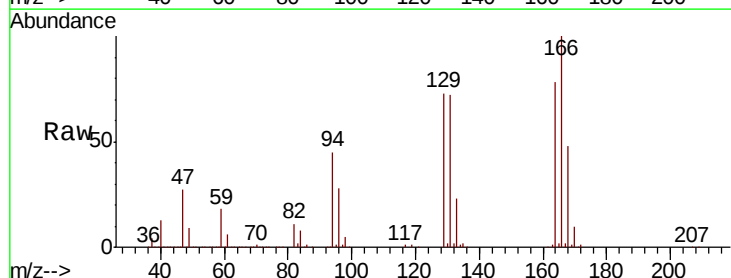
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

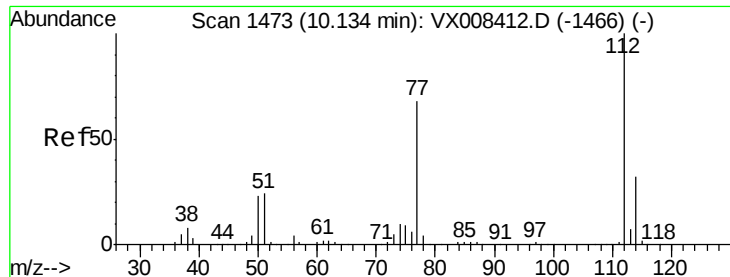
Tot Ion:117 Resp: 295528
Ion Ratio Lower Upper
117 100
82 61.5 49.4 74.2
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 47.009 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion:164 Resp: 94051
Ion Ratio Lower Upper
164 100
166 127.7 102.5 153.7
129 93.4 77.8 116.8
131 92.3 76.9 115.3

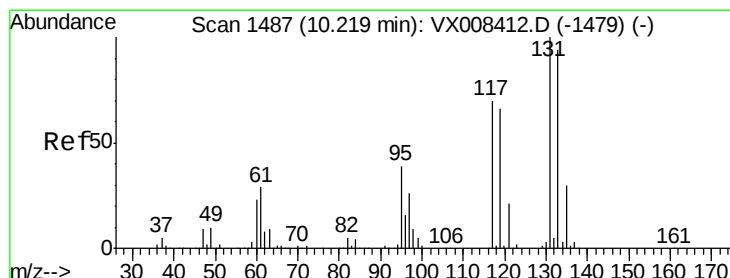
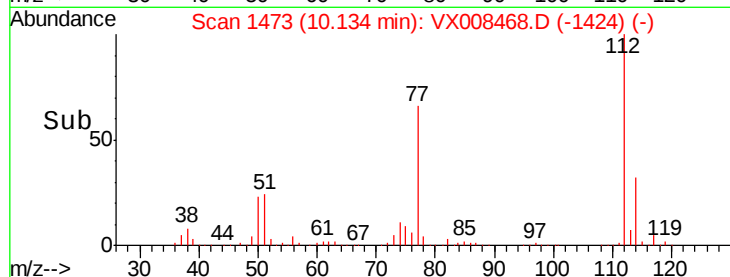
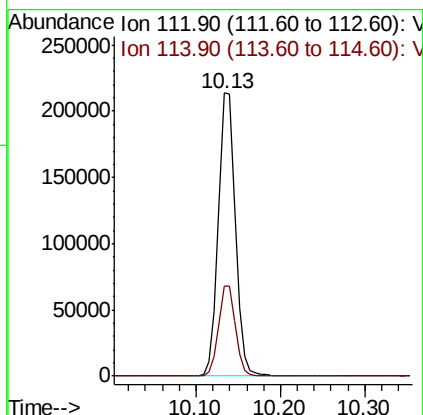
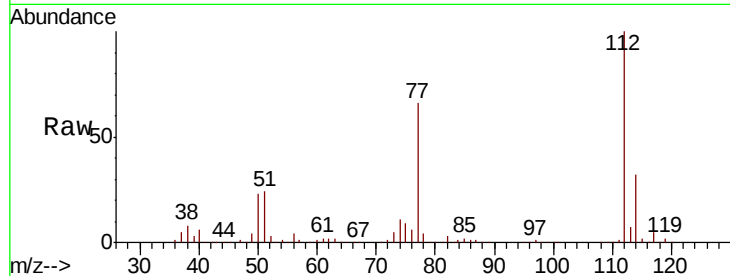




#65
Chlorobenzene
Concen: 47.296 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

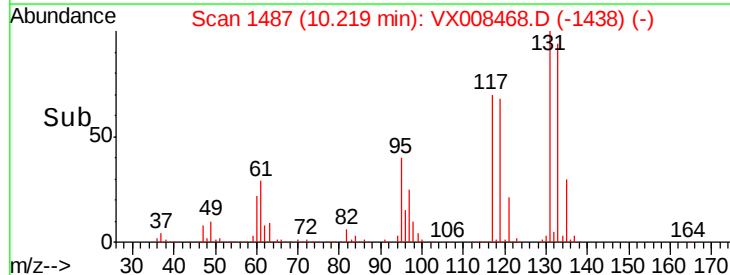
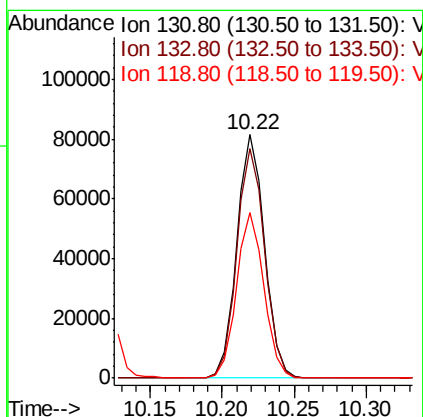
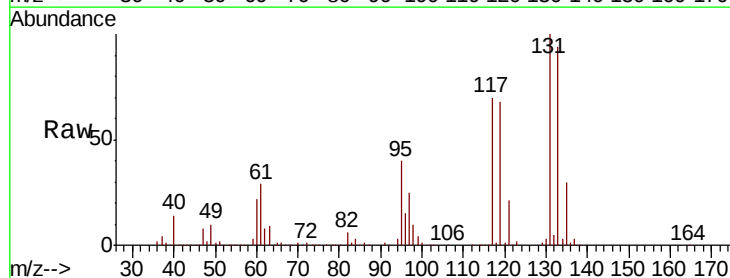
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

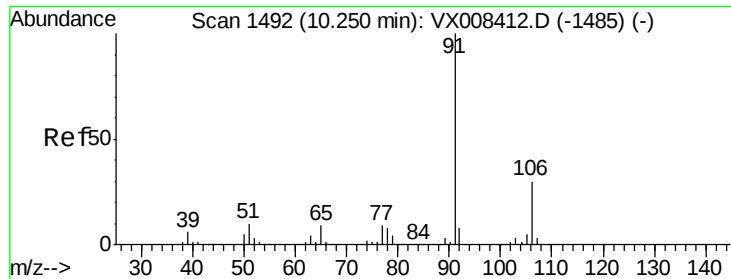
Tot Ion:112 Resp: 303967
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.132 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion:131 Resp: 108942
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 67.6 33.6 100.6

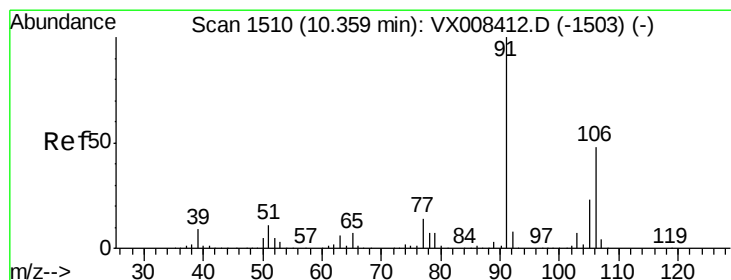
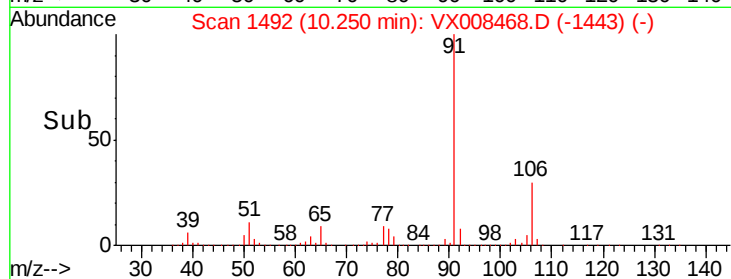
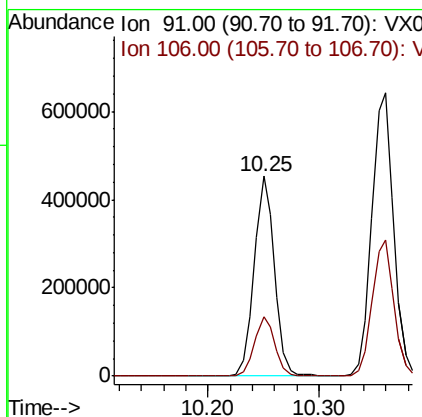
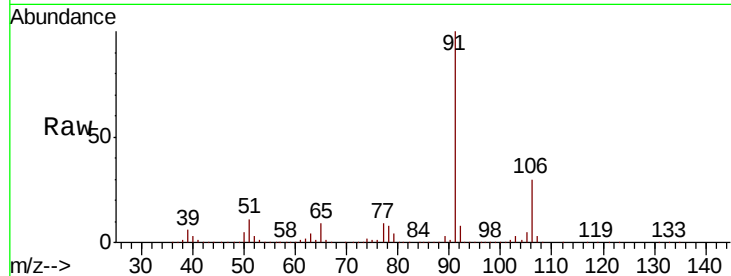




#67
Ethyl Benzene
Concen: 47.460 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

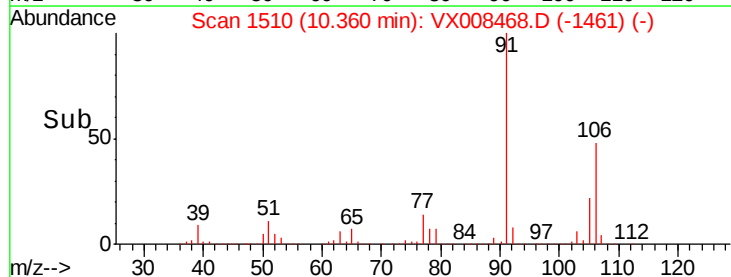
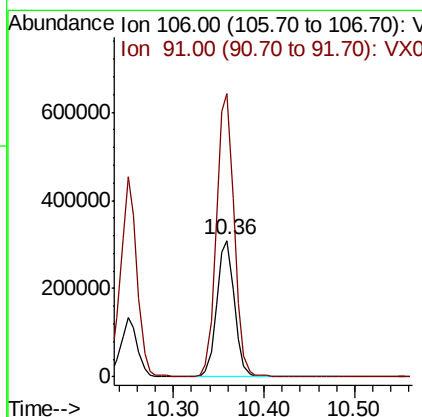
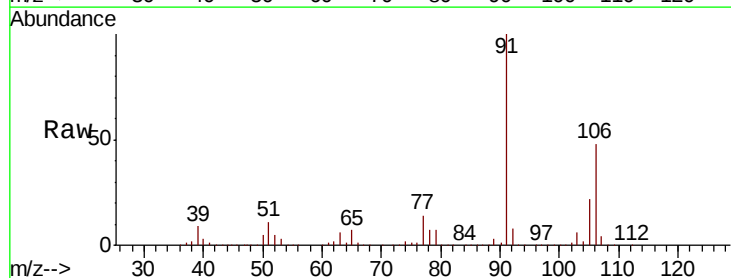
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

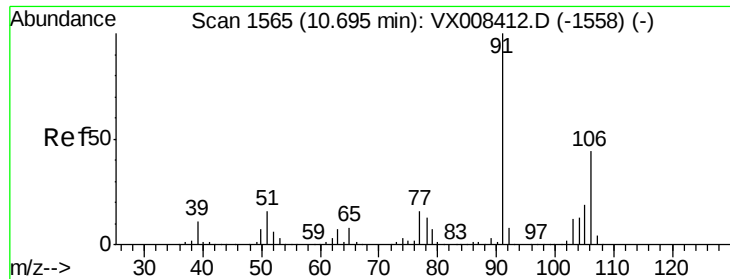
Tot Ion: 91 Resp: 575658
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0



#68
m/p-Xylenes
Concen: 94.979 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 106 Resp: 419103
Ion Ratio Lower Upper
106 100
91 209.9 168.6 253.0

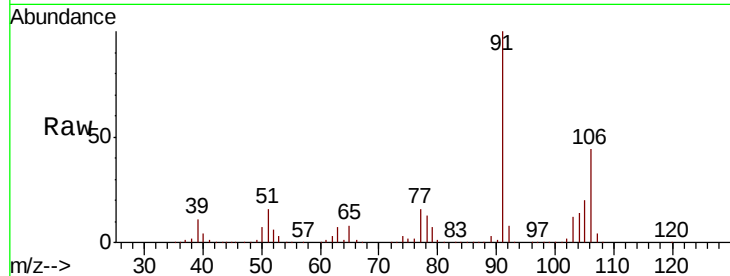




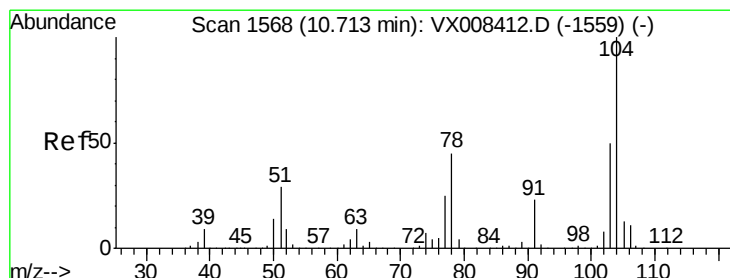
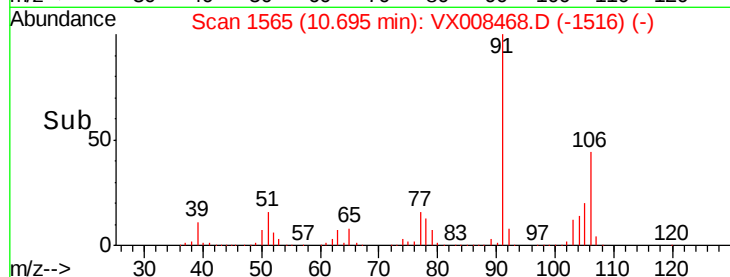
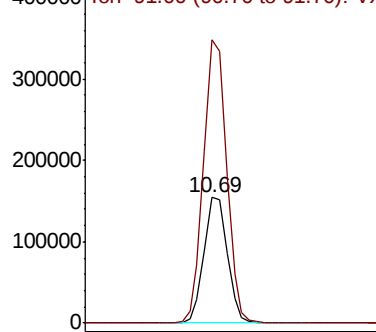
#69
o-Xylene
Concen: 47.736 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204410
Ion Ratio Lower Upper
106 100
91 222.8 111.4 334.2

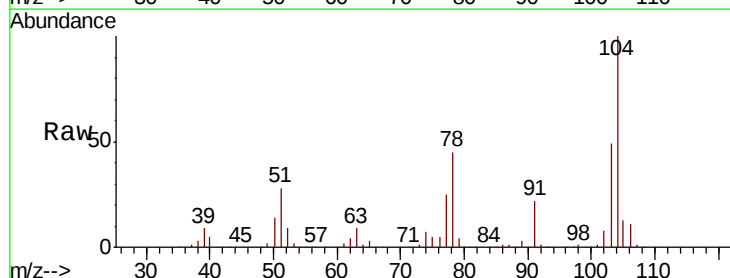


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

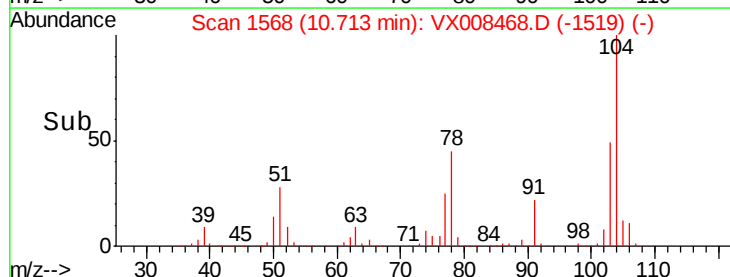
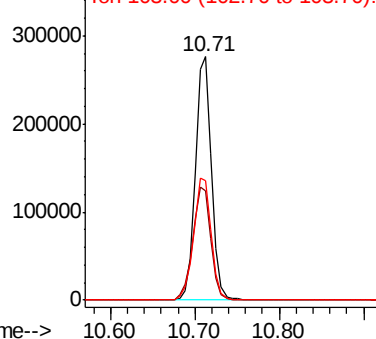


#70
Styrene
Concen: 49.120 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion:104 Resp: 363325
Ion Ratio Lower Upper
104 100
78 52.3 42.5 63.7
103 55.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.875 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

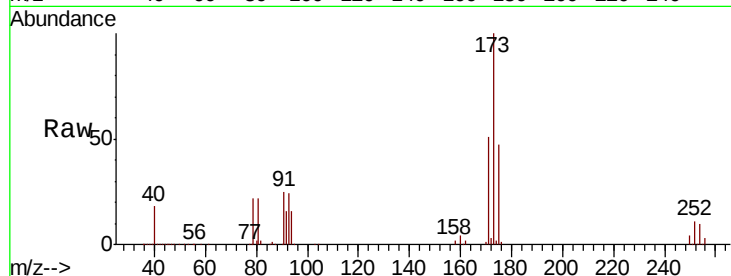
Tot Ion:173 Resp: 87335

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

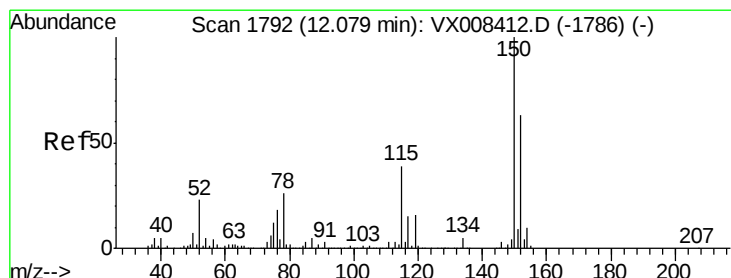
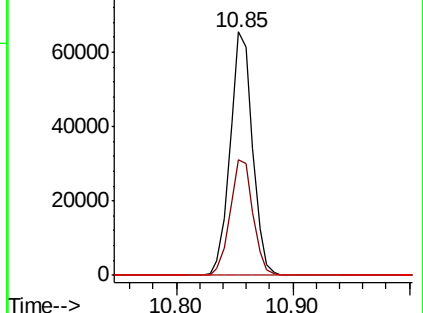
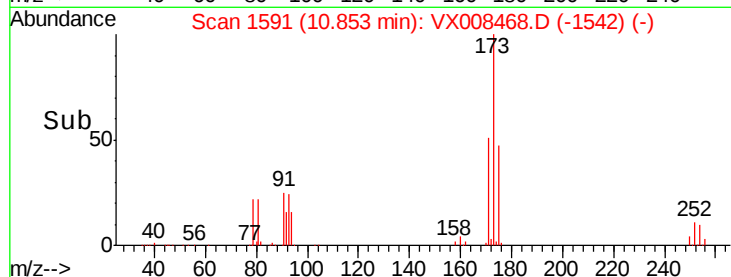
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

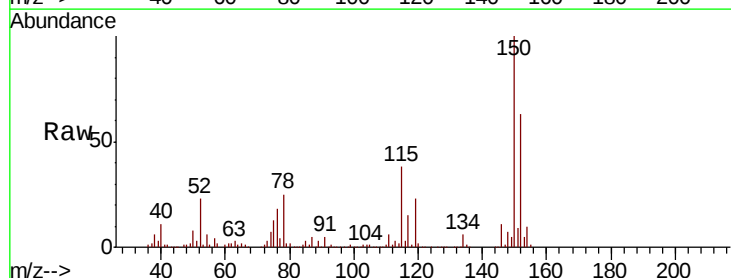
Tgt Ion:152 Resp: 143444

Ion Ratio Lower Upper

152 100

115 84.6 43.5 130.5

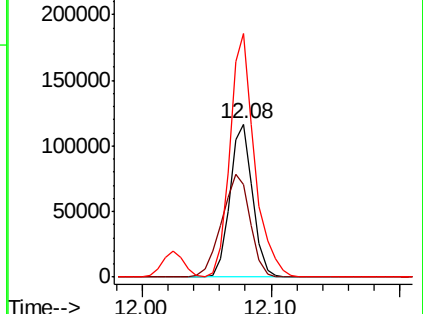
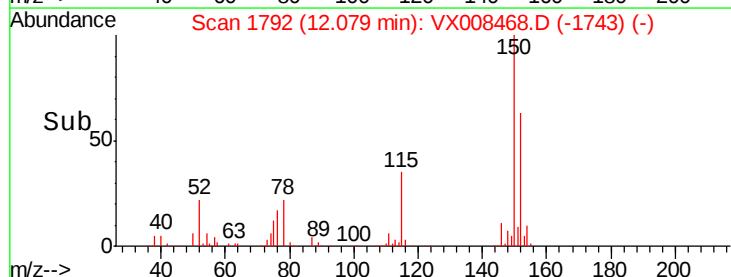
150 172.0 0.0 348.8

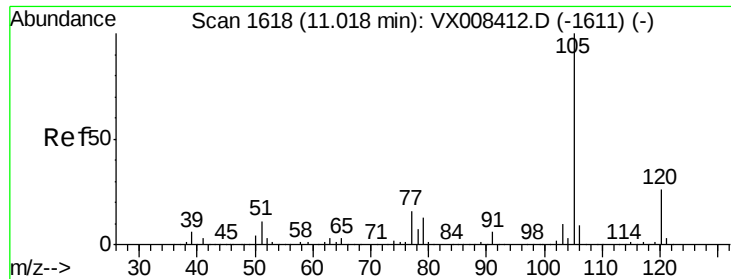


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

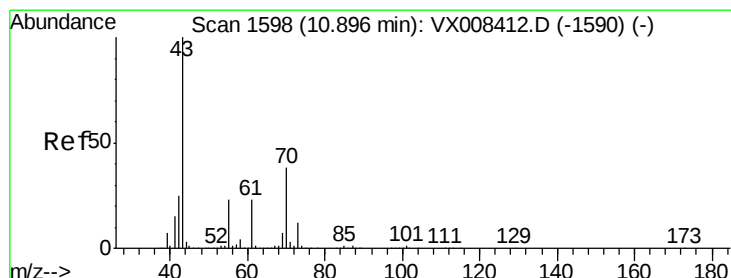
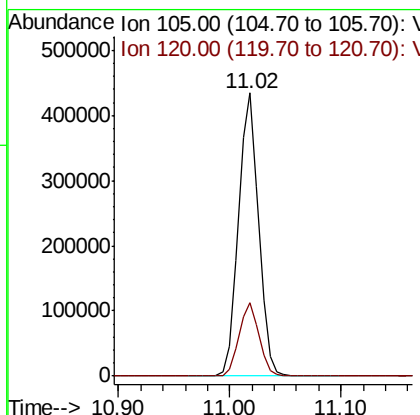
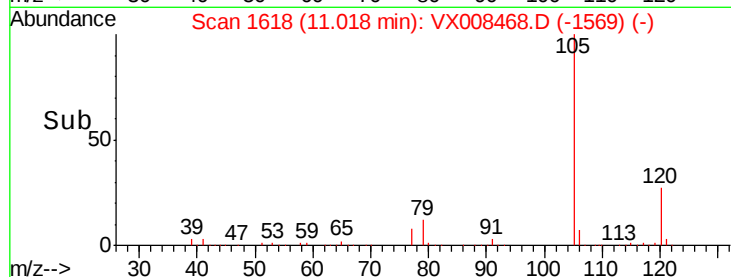
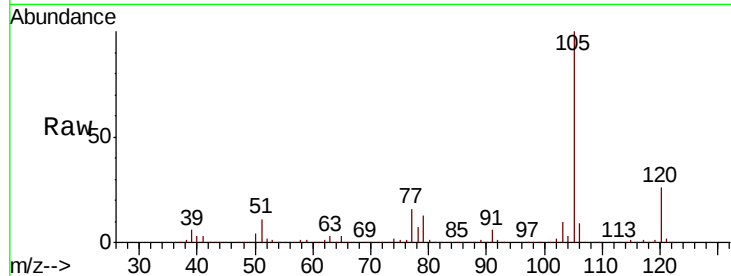




#73
Isopropylbenzene
Concen: 46.445 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

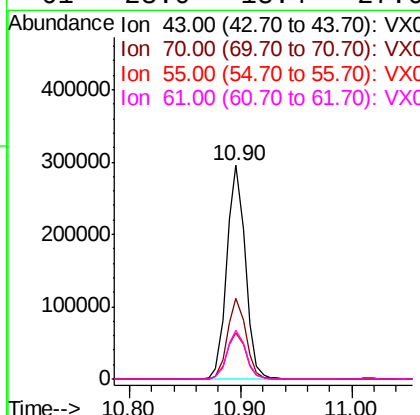
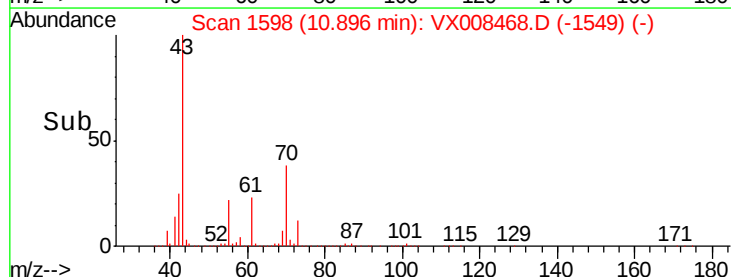
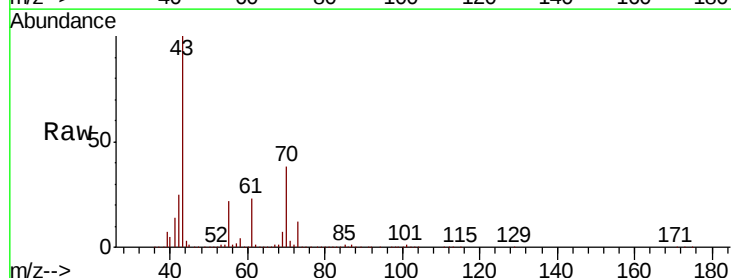
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

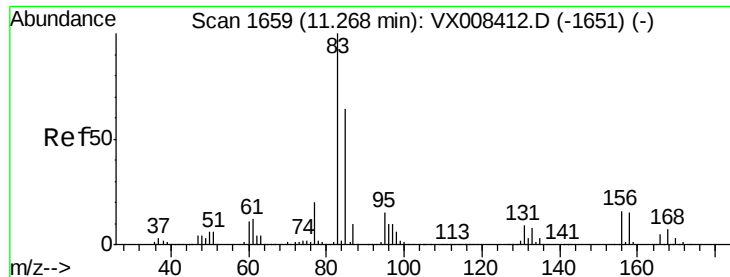
Tot Ion:105 Resp: 542013
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7



#74
N-ethyl acetate
Concen: 50.233 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 43 Resp: 339306
Ion Ratio Lower Upper
43 100
70 37.9 30.5 45.7
55 22.3 18.2 27.2
61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.023 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

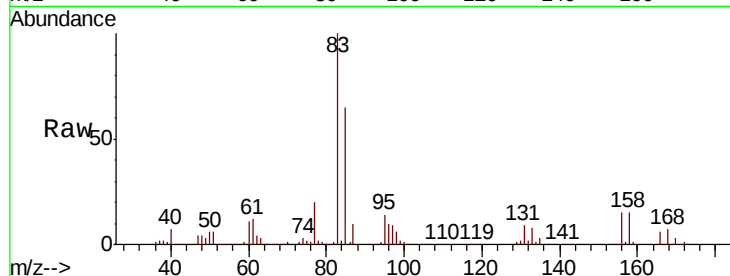
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 212914

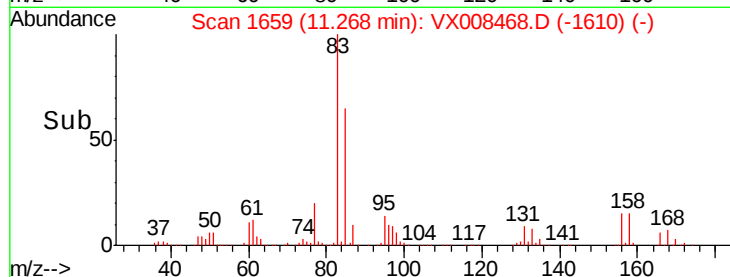
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.9	31.9	95.9



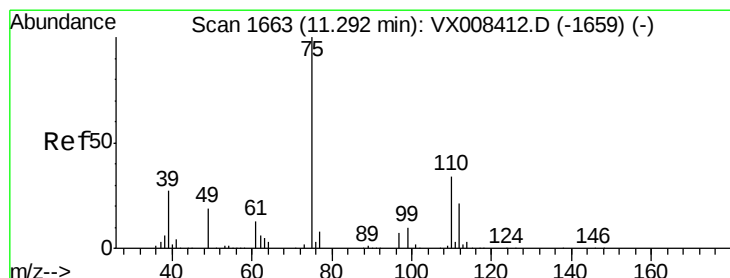
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 56.746 ug/l

RT: 11.29 min Scan# 1663

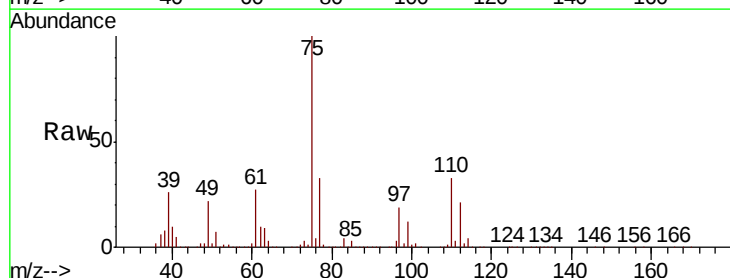
Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

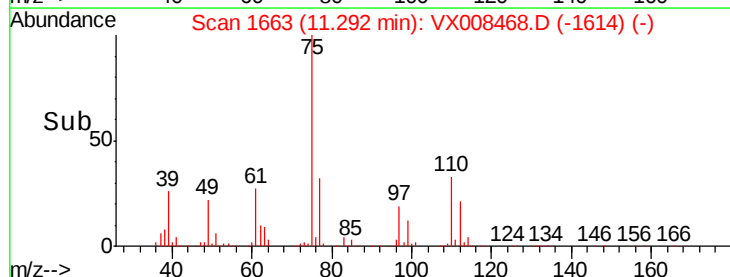
Tgt Ion: 75 Resp: 241993

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.9	65.7

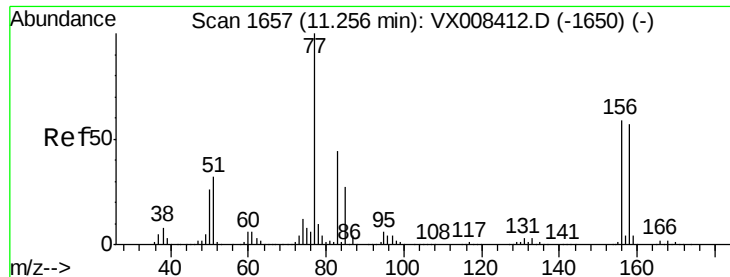


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 45.463 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

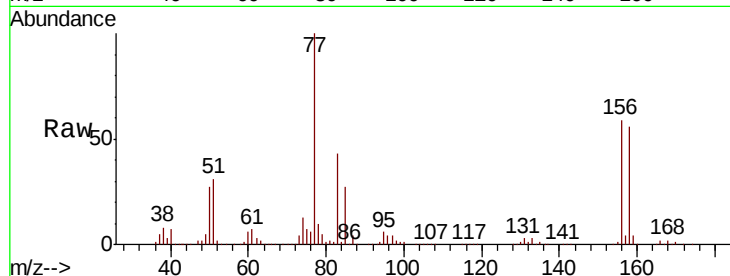
Tot Ion:156 Resp: 128765

Ion Ratio Lower Upper

156 100

77 182.6 91.1 273.3

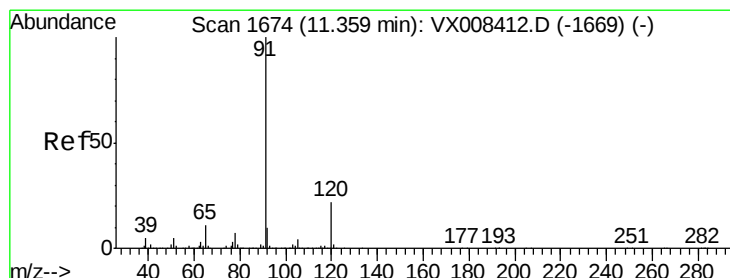
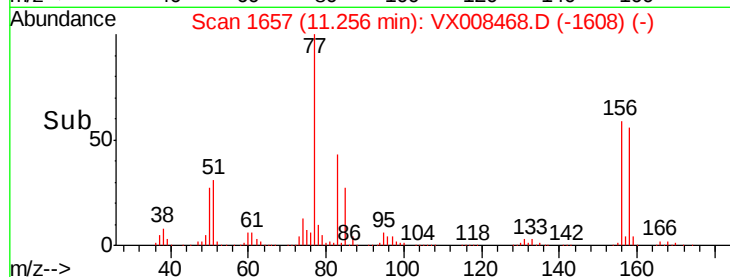
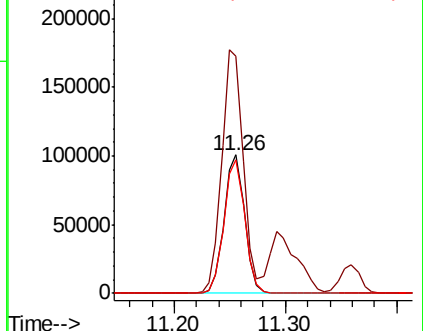
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.646 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008468.D

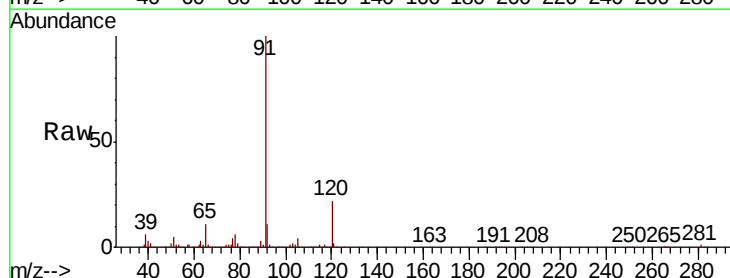
Acq: 26 Mar 2019 20:41

Tgt Ion: 91 Resp: 637675

Ion Ratio Lower Upper

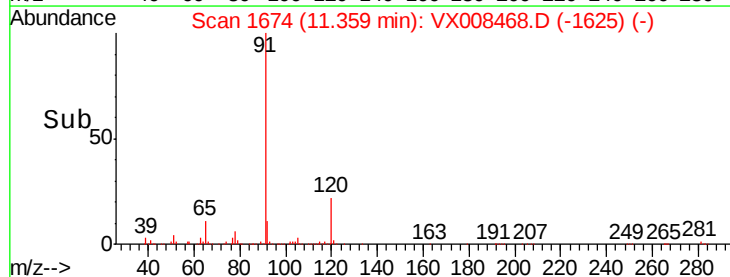
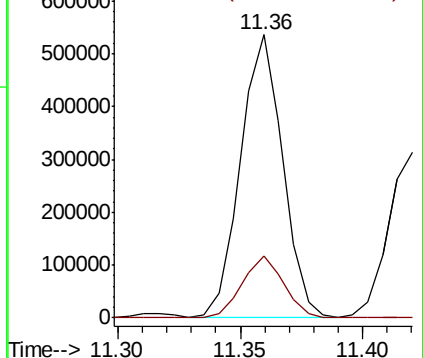
91 100

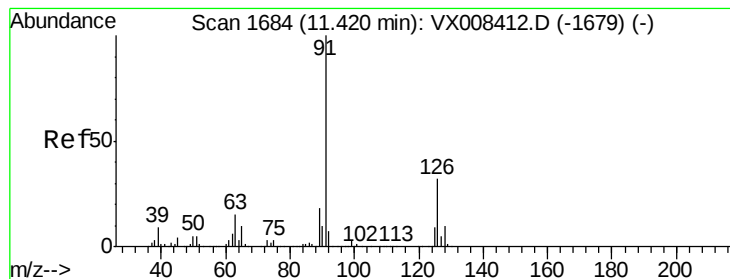
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.776 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

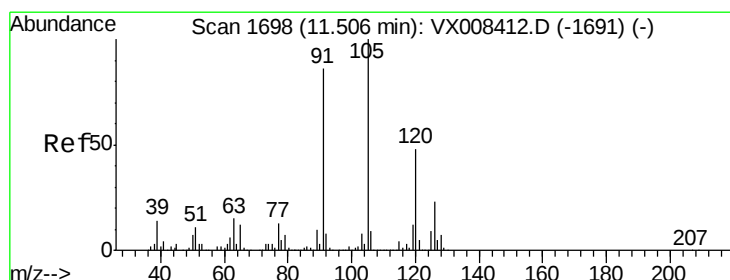
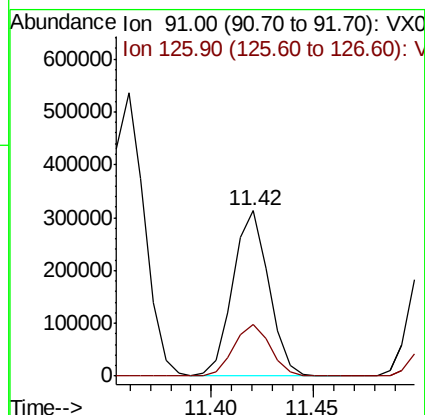
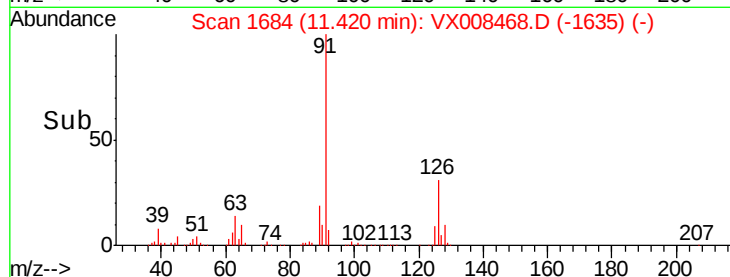
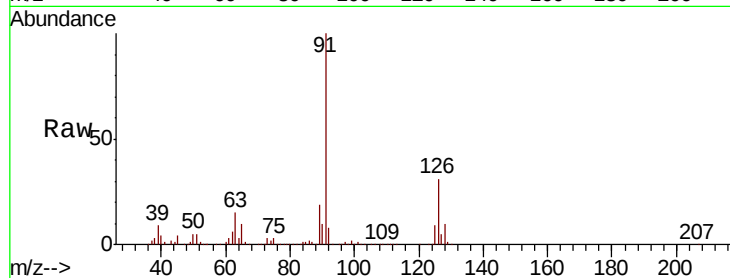
VSTDCCC050EC

Tot Ion: 91 Resp: 380623

Ion Ratio Lower Upper

91 100

126 31.9 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 46.929 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008468.D

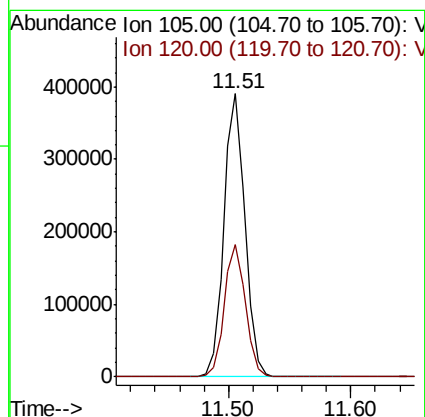
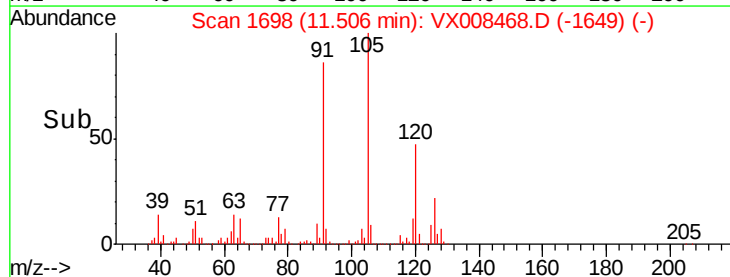
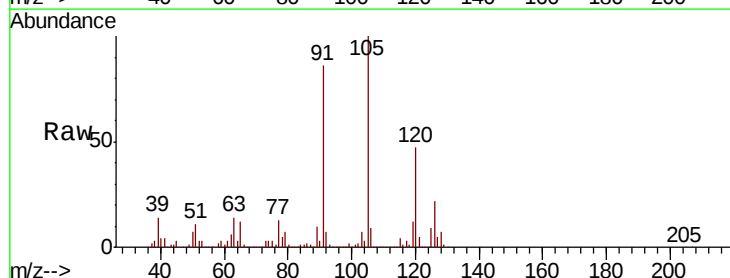
Acq: 26 Mar 2019 20:41

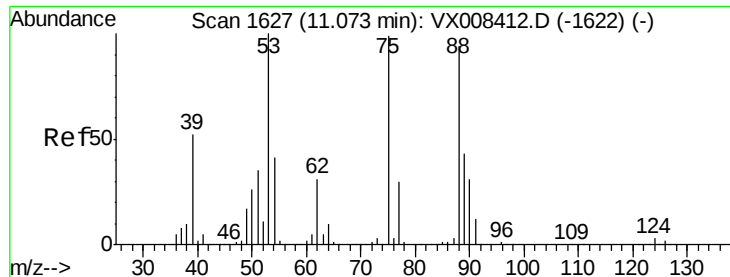
Tgt Ion: 105 Resp: 462999

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.474 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

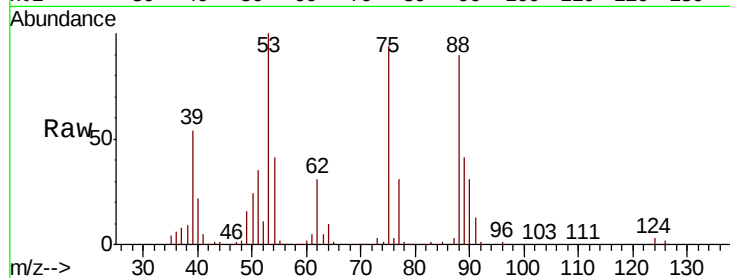
Tot Ion: 75 Resp: 65873

Ion Ratio Lower Upper

75 100

53 105.9 82.1 123.1

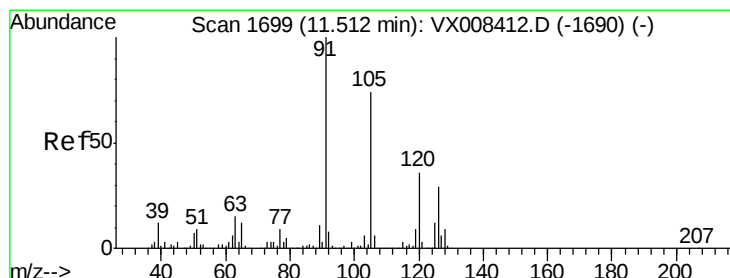
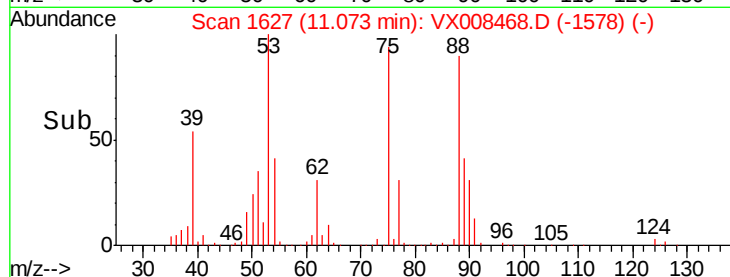
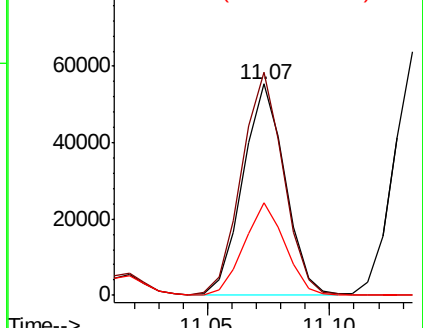
89 43.2 34.6 52.0



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: 46.271 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008468.D

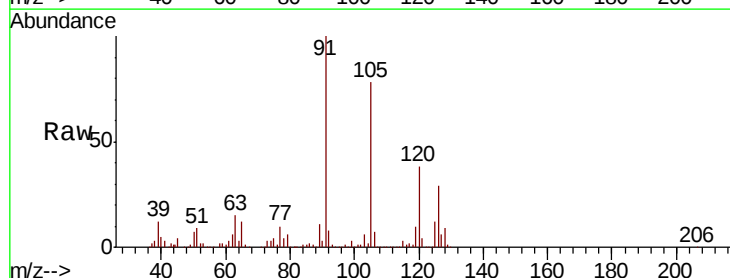
Acq: 26 Mar 2019 20:41

Tgt Ion: 91 Resp: 443796

Ion Ratio Lower Upper

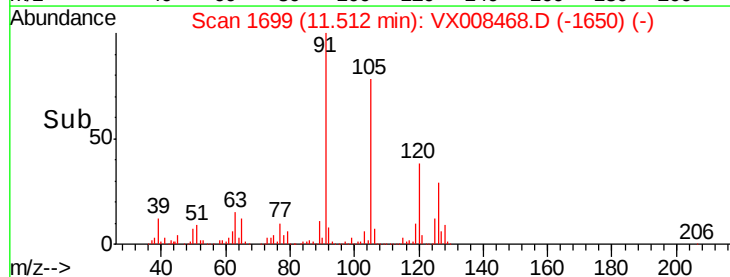
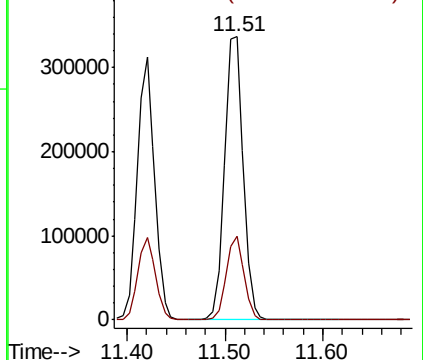
91 100

126 28.1 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

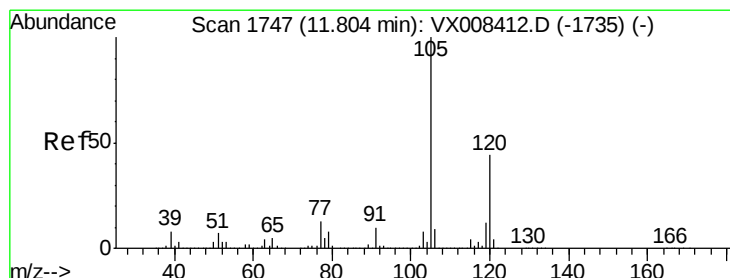
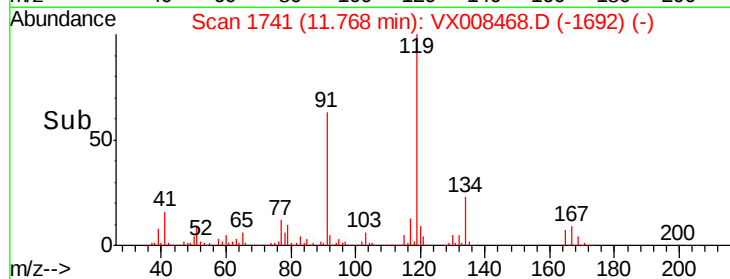
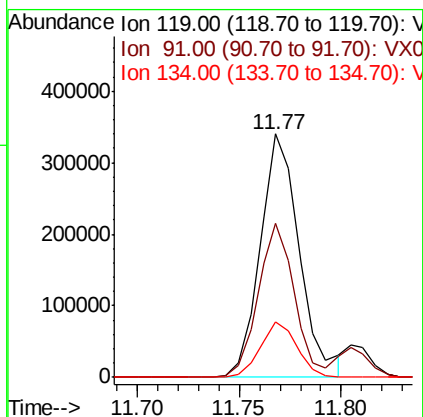
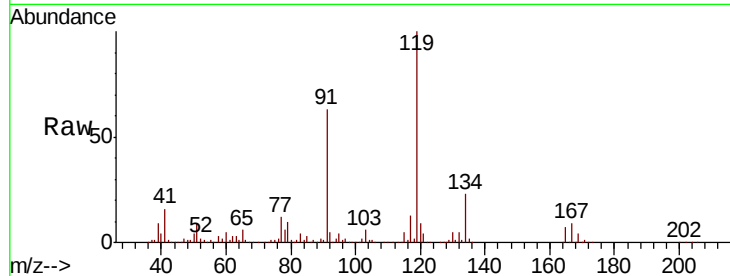




#83
 tert-Butylbenzene
 Concen: 47.843 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

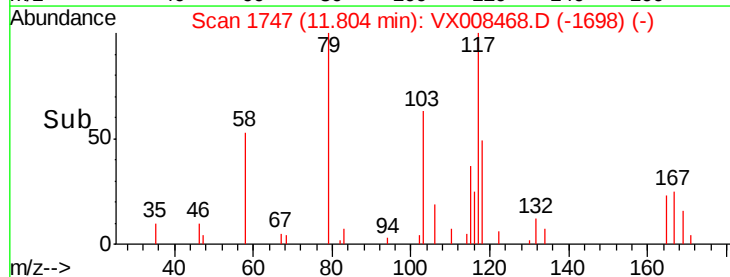
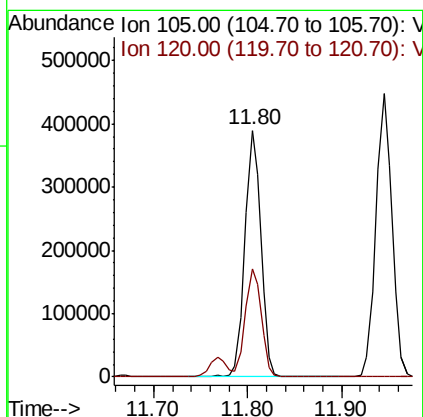
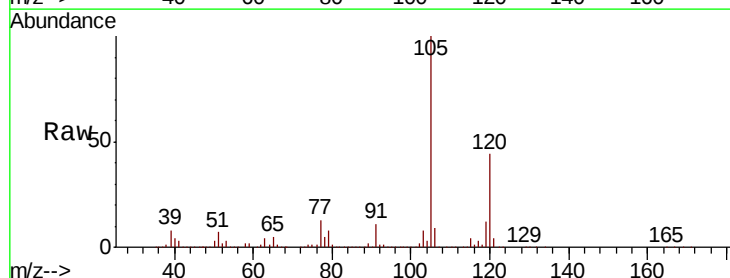
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

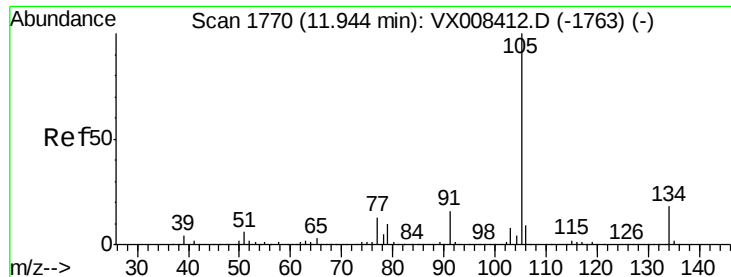
Tot Ion:119 Resp: 455404
 Ion Ratio Lower Upper
 119 100
 91 58.3 30.1 90.3
 134 21.4 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.384 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion:105 Resp: 462867
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.6 65.0





#85

sec-Butylbenzene

Concen: 46.874 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

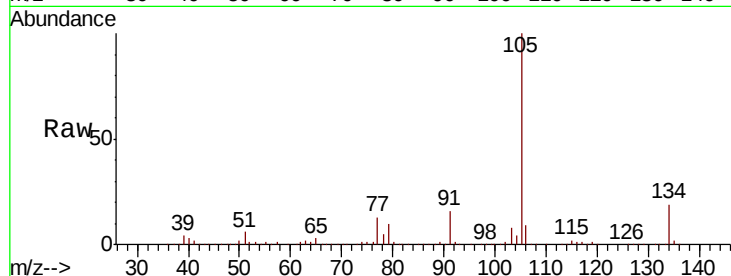
VSTDCCC050EC

Tot Ion:105 Resp: 531340

Ion Ratio Lower Upper

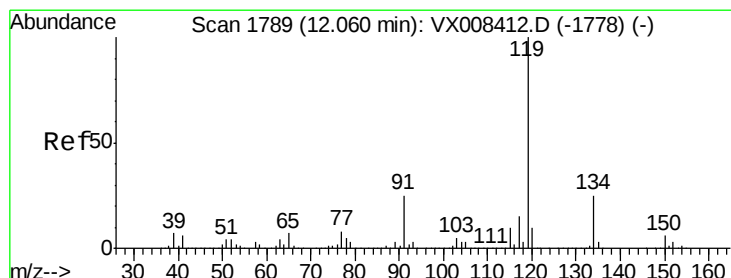
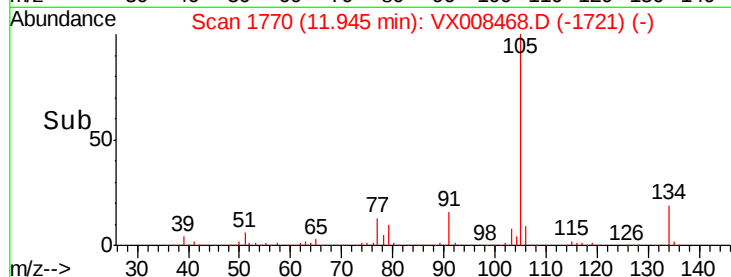
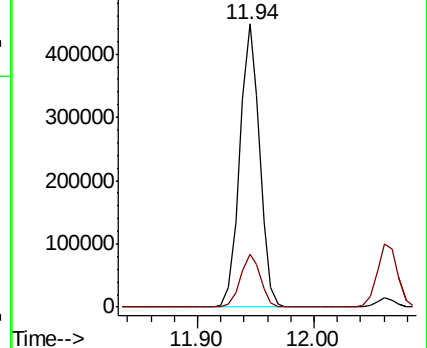
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.371 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

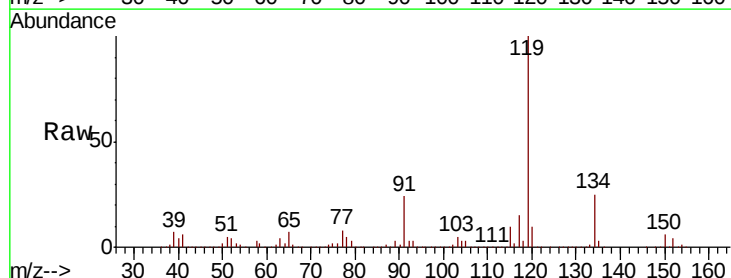
Tgt Ion:119 Resp: 473817

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

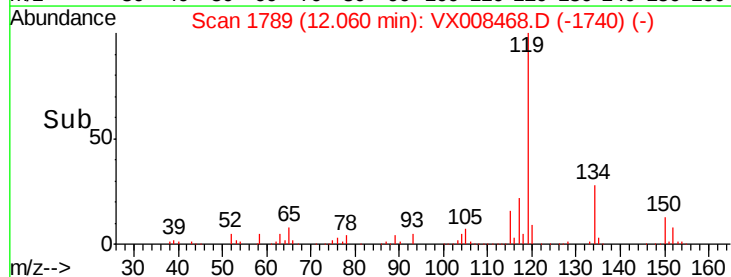
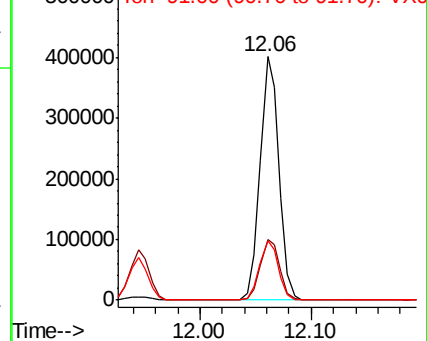
91 24.4 12.4 37.0

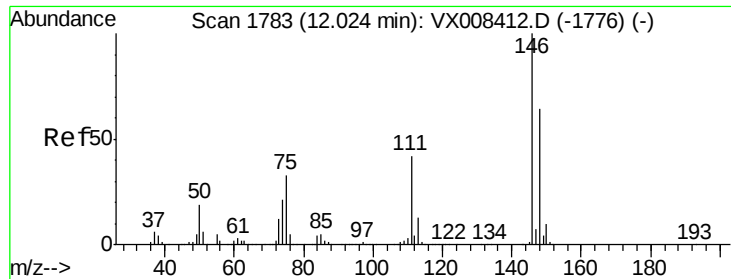


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 46.122 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

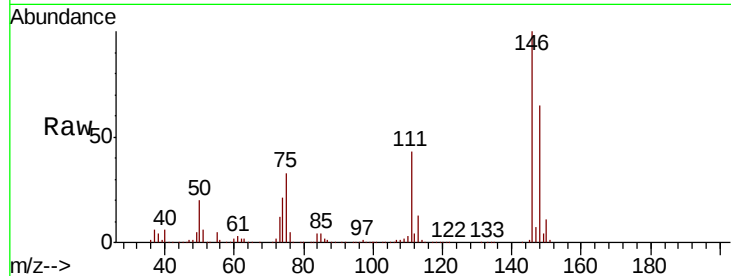
Tot Ion:146 Resp: 233398

Ion Ratio Lower Upper

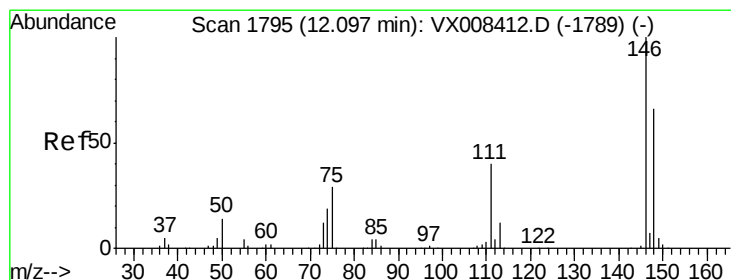
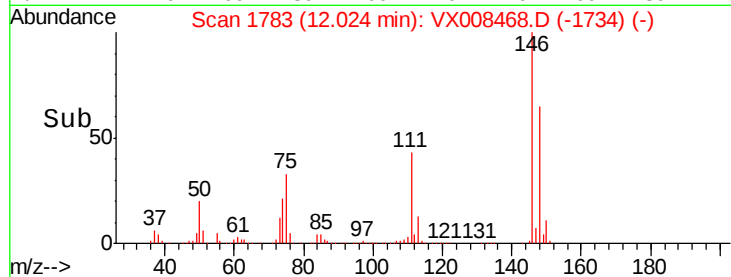
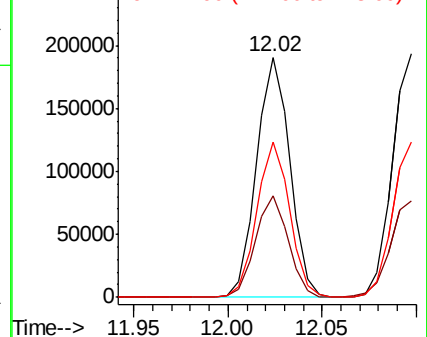
146 100

111 42.0 20.8 62.5

148 63.7 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 45.794 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

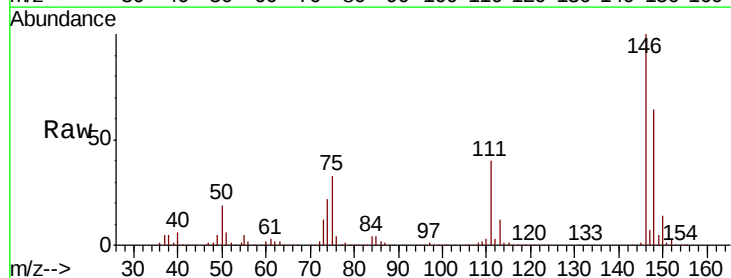
Tgt Ion:146 Resp: 233878

Ion Ratio Lower Upper

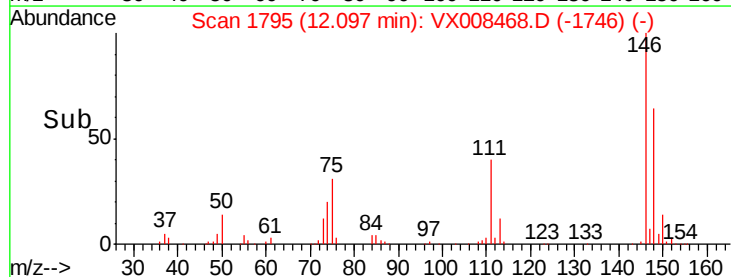
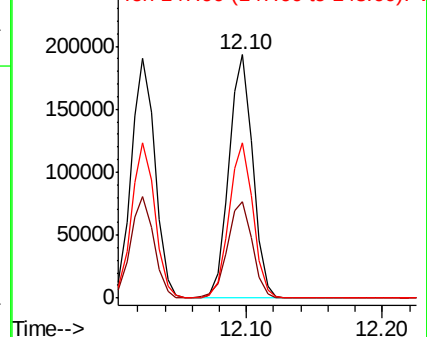
146 100

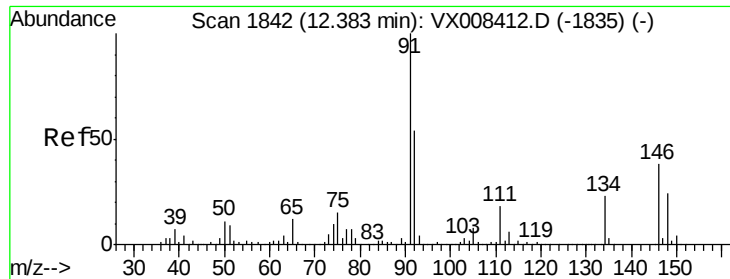
111 41.2 20.3 61.0

148 63.9 32.1 96.5



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

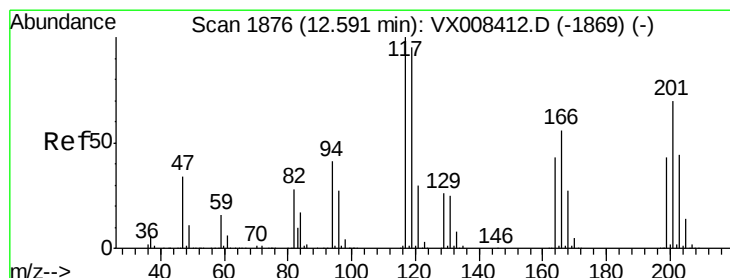
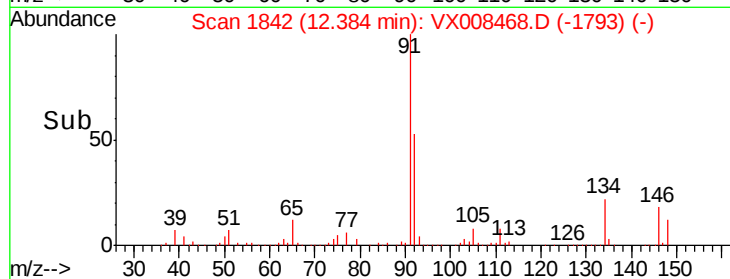
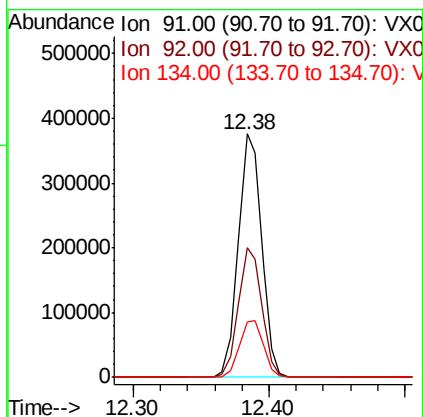
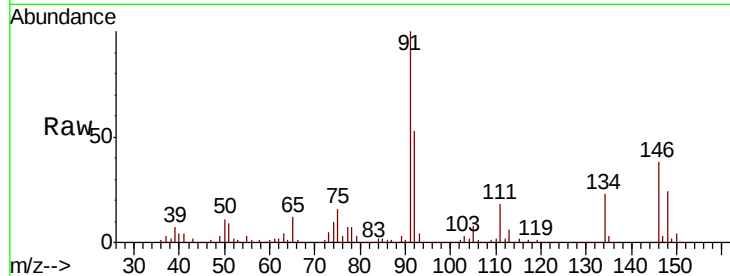




#89
n-Butylbenzene
Concen: 47.357 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

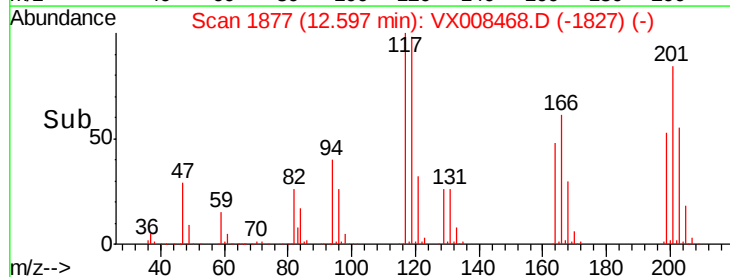
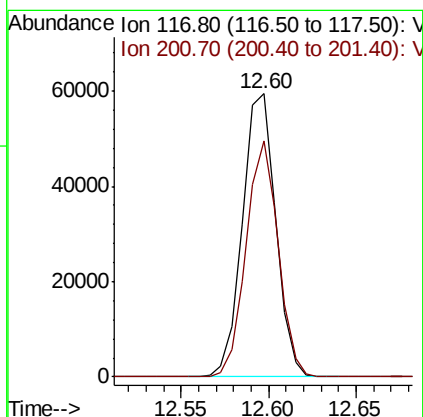
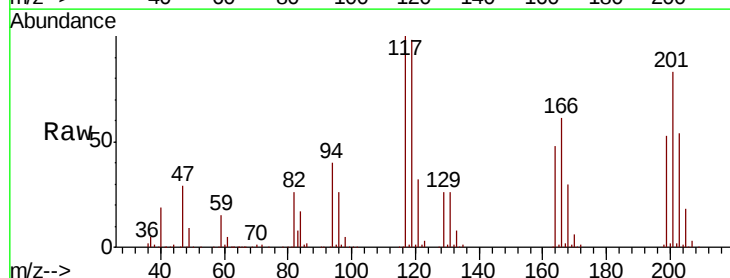
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

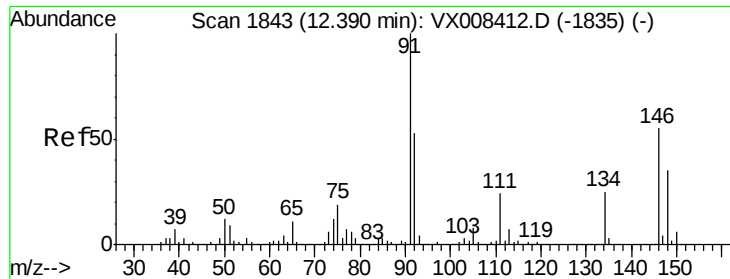
Tot Ion: 91 Resp: 448715
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 23.9 11.8 35.4



#90
Hexachloroethane
Concen: 47.316 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008468.D
Acq: 26 Mar 2019 20:41

Tgt Ion: 117 Resp: 78844
Ion Ratio Lower Upper
117 100
201 79.8 39.4 118.1

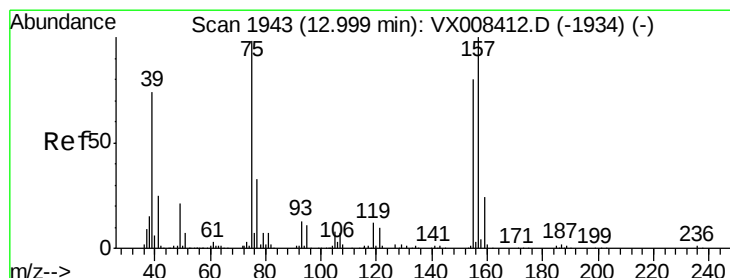
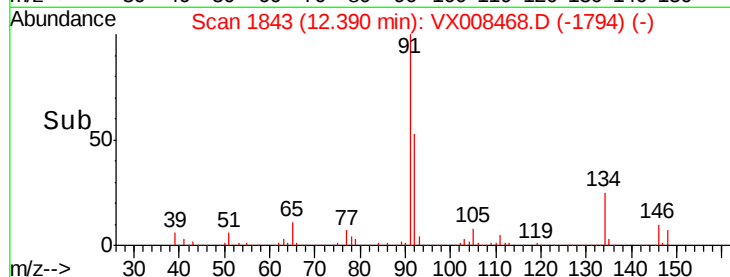
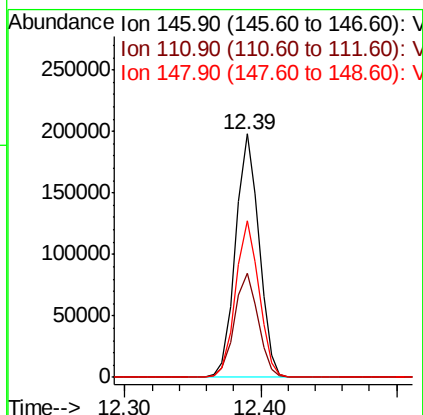
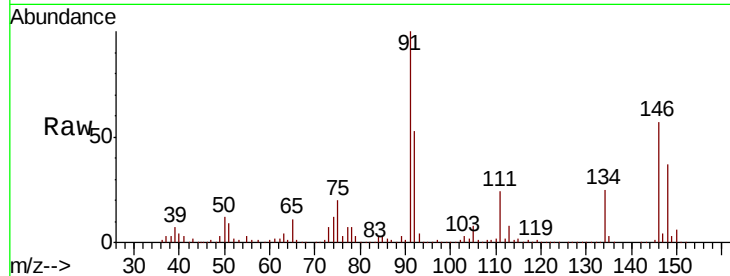




#91
 1,2-Dichlorobenzene
 Concen: 46.971 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

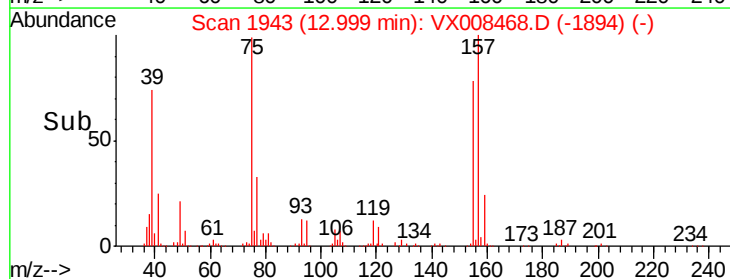
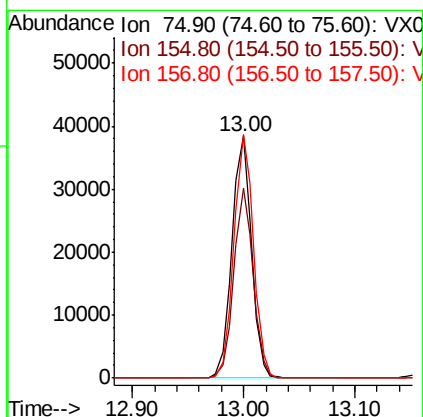
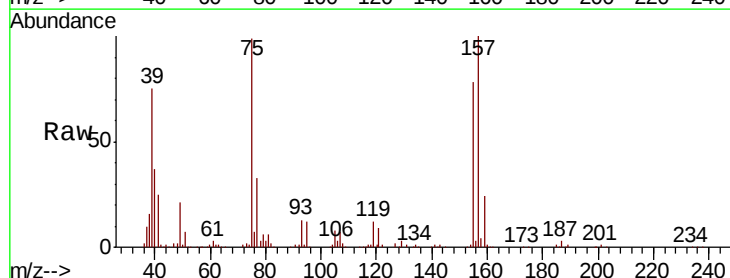
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

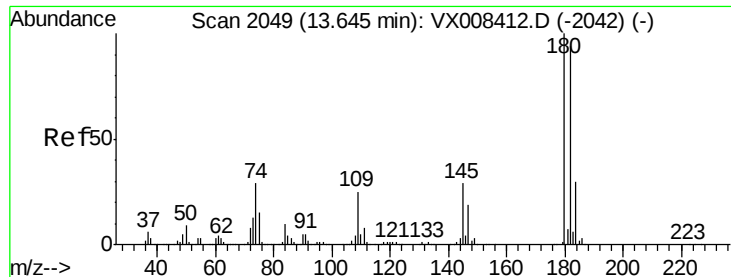
Tot Ion:146 Resp: 238030
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 64.6
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.172 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion: 75 Resp: 46572
 Ion Ratio Lower Upper
 75 100
 155 77.5 39.5 118.5
 157 100.7 49.9 149.7

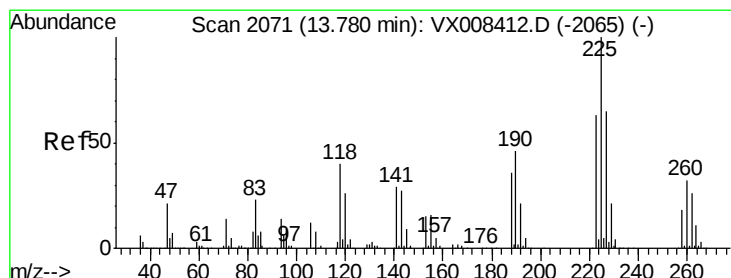
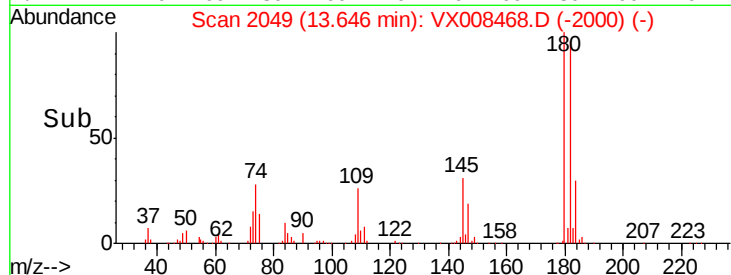
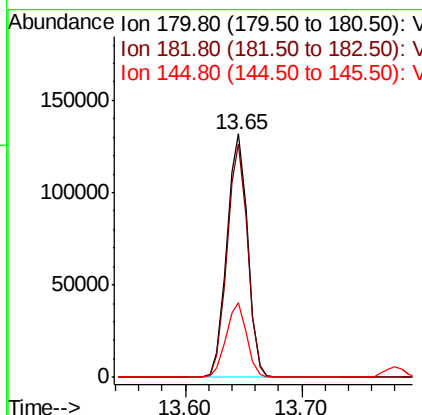
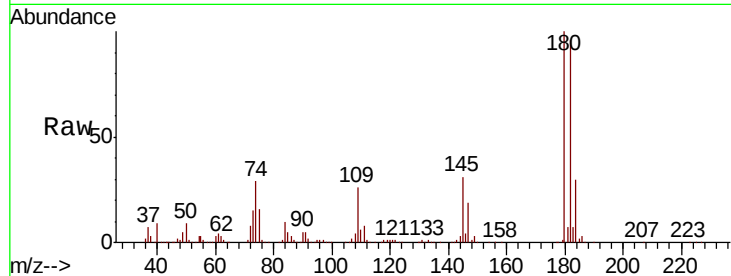




#93
 1,2,4-Trichlorobenzene
 Concen: 47.726 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

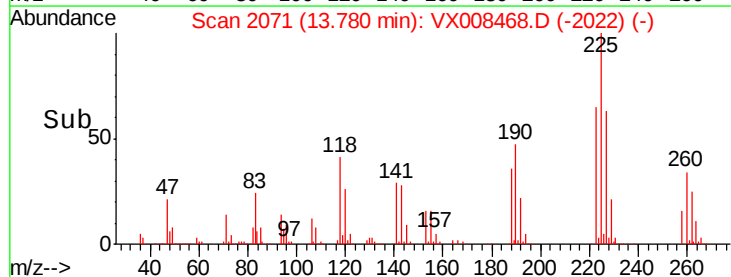
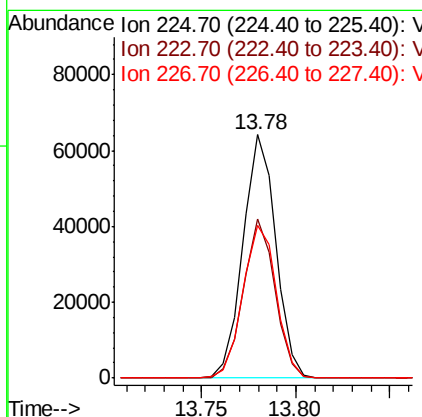
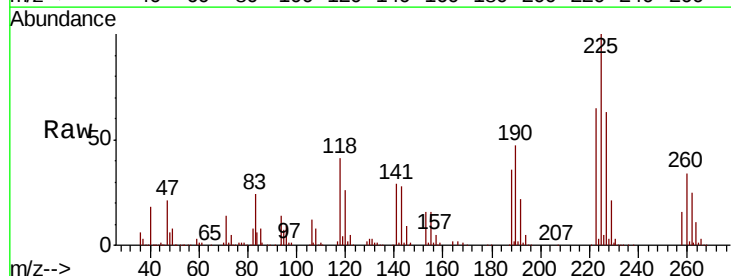
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

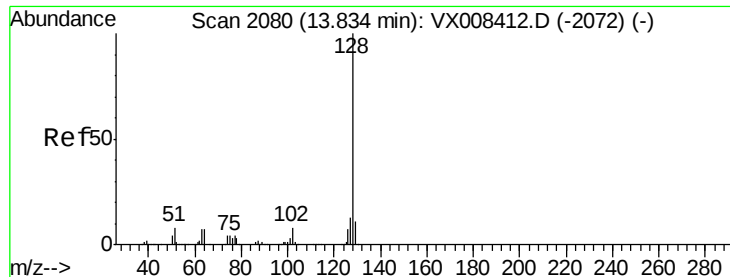
Tot Ion:180 Resp: 162832
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 30.2 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 47.757 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008468.D
 Acq: 26 Mar 2019 20:41

Tgt Ion:225 Resp: 77368
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.0
 227 64.6 31.9 95.9





#95

Naphthalene

Concen: 48.181 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

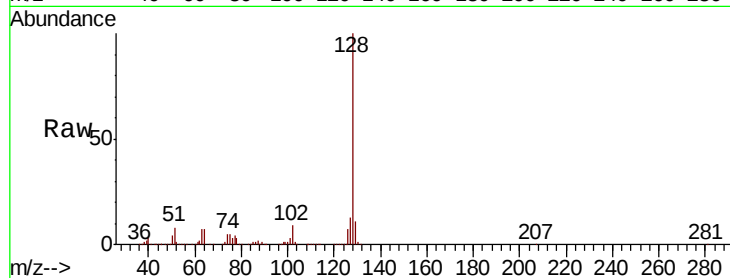
Tot Ion:128 Resp: 563588

Ion Ratio Lower Upper

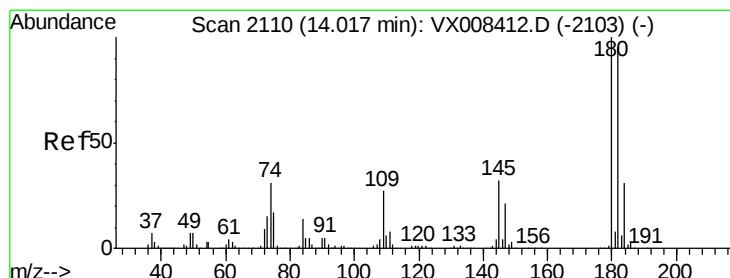
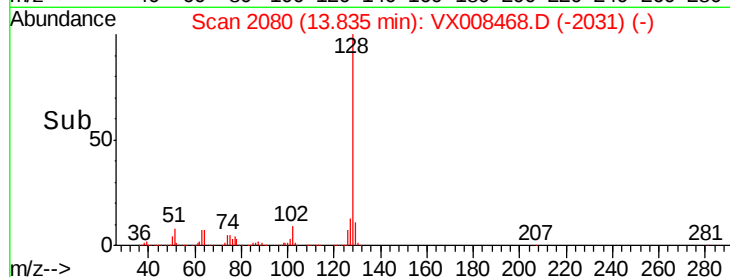
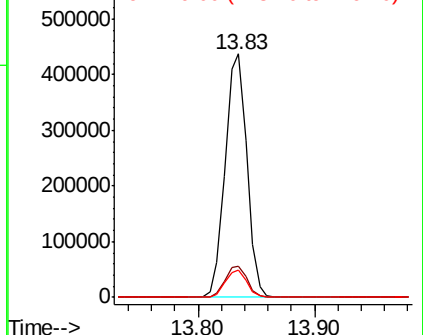
128 100

127 13.0 10.4 15.6

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.334 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008468.D

Acq: 26 Mar 2019 20:41

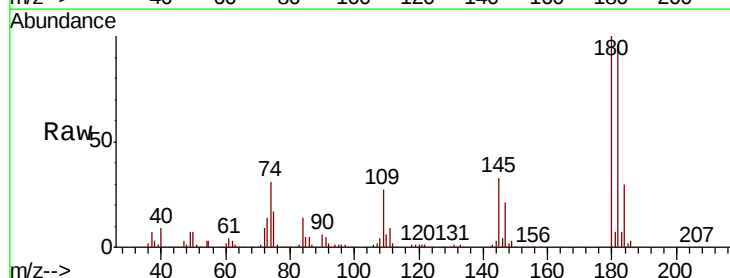
Tgt Ion:180 Resp: 162280

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.4 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

