

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009338.D
 Acq On : 06 May 2019 09:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 07 06:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194409	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	303334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124550	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.49	113	93927	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	376505	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	138112	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85887	47.941	ug/l	100
3) Chloromethane	1.32	50	109987	44.968	ug/l	99
4) Vinyl Chloride	1.41	62	113466	47.574	ug/l	98
5) Bromomethane	1.64	94	66209	46.251	ug/l	98
6) Chloroethane	1.71	64	73245	47.833	ug/l	98
7) Trichlorofluoromethane	1.92	101	144535	49.855	ug/l	100
8) Diethyl Ether	2.18	74	66571	48.476	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92613	50.870	ug/l	99
10) Methyl Iodide	2.51	142	96209	45.897	ug/l	100
11) Tert butyl alcohol	3.05	59	137141	223.242	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89472	49.050	ug/l	95
13) Acrolein	2.29	56	124377	223.561	ug/l	99
14) Allyl chloride	2.72	41	212174	47.729	ug/l	100
15) Acrylonitrile	3.14	53	346694	230.814	ug/l	99
16) Acetone	2.44	43	362960	254.700	ug/l	98
17) Carbon Disulfide	2.56	76	238084	46.489	ug/l	100
18) Methyl Acetate	2.77	43	158020	46.627	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	351933	49.683	ug/l	99
20) Methylene Chloride	2.85	84	108306	46.939	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95404	48.226	ug/l	97
22) Diisopropyl ether	3.85	45	425750	49.801	ug/l	93
23) Vinyl Acetate	3.81	43	1837653	251.025	ug/l	100
24) 1,1-Dichloroethane	3.69	63	205256	48.670	ug/l	100
25) 2-Butanone	4.67	43	547260	247.128	ug/l	100
26) 2,2-Dichloropropane	4.57	77	162643	51.812	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115477	48.904	ug/l	99
28) Bromochloromethane	5.01	49	83778	49.311	ug/l	100
29) Tetrahydrofuran	5.12	42	331354	232.528	ug/l	100
30) Chloroform	5.20	83	189110	49.579	ug/l	100
31) Cyclohexane	5.57	56	191150	48.717	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	158964	50.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143891	51.045	ug/l	100
37) Ethyl Acetate	4.82	43	191929	48.867	ug/l	99
38) Carbon Tetrachloride	5.78	117	133616	52.170	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 07 06:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180593	52.166	ug/l	99
40) Benzene	6.13	78	441072	50.558	ug/l	100
41) Methacrylonitrile	5.04	41	111410	47.652	ug/l	99
42) 1,2-Dichloroethane	6.18	62	158152	50.536	ug/l	100
43) Isopropyl Acetate	6.44	43	315119	50.159	ug/l	100
44) Trichloroethene	7.21	130	106209	50.358	ug/l	99
45) 1,2-Dichloropropane	7.51	63	125426	50.773	ug/l	99
46) Dibromomethane	7.65	93	70577	49.199	ug/l	97
47) Bromodichloromethane	7.89	83	148863	52.023	ug/l	97
48) Methyl methacrylate	7.76	41	158149	50.740	ug/l	99
49) 1,4-Dioxane	7.73	88	56178	888.761	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1005029	244.752	ug/l	99
52) Toluene	8.78	92	269203	50.763	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173988	53.855	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190231	53.199	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109731	50.718	ug/l	96
56) Ethyl methacrylate	9.17	69	198197	51.320	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193560	50.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	499237	243.674	ug/l	99
59) 2-Hexanone	9.49	43	835106	258.944	ug/l	99
60) Dibromochloromethane	9.58	129	113232	53.586	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111259	50.944	ug/l	100
64) Tetrachloroethene	9.34	164	100919	54.229	ug/l	98
65) Chlorobenzene	10.13	112	281688	51.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	104233	52.975	ug/l	99
67) Ethyl Benzene	10.25	91	520997	52.162	ug/l	99
68) m/p-Xylenes	10.35	106	386682	105.941	ug/l	99
69) o-Xylene	10.69	106	186066	51.667	ug/l	99
70) Styrene	10.71	104	332570	53.133	ug/l	99
71) Bromoform	10.85	173	87729	54.866	ug/l	99
73) Isopropylbenzene	11.02	105	510423	51.040	ug/l	99
74) N-amyl acetate	10.90	43	292087	50.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183107	49.116	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	216119	67.749	ug/l	82
77) Bromobenzene	11.25	156	124362	50.102	ug/l	99
78) n-propylbenzene	11.36	91	590797	51.729	ug/l	99
79) 2-Chlorotoluene	11.42	91	349624	49.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435013	51.662	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64887	52.044	ug/l	97
82) 4-Chlorotoluene	11.51	91	410078	51.516	ug/l	99
83) tert-Butylbenzene	11.77	119	421939	51.511	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	440479	52.116	ug/l	99
85) sec-Butylbenzene	11.94	105	507257	52.233	ug/l	99
86) p-Isopropyltoluene	12.06	119	467098	53.502	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227808	51.483	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229966	51.549	ug/l	99
89) n-Butylbenzene	12.38	91	437857	55.488	ug/l	100
90) Hexachloroethane	12.59	117	80087	53.844	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	230394	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39526	47.263	ug/l	99

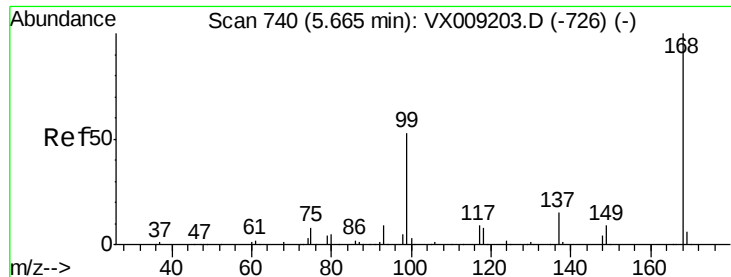
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
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MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 07 06:32:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Sat May 04 07:18:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	167819	54.451	ug/l	98
94) Hexachlorobutadiene	13.78	225	86176	54.755	ug/l	99
95) Naphthalene	13.83	128	510789	50.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165396	52.942	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

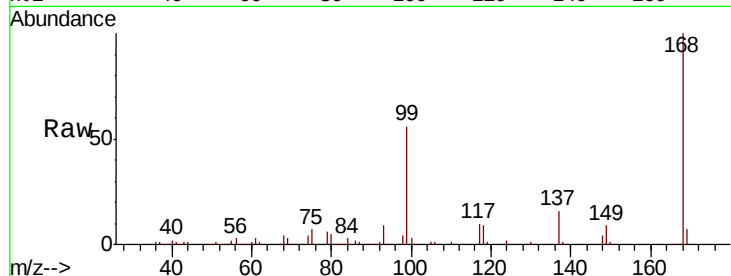
VSTDCCC050

Tot Ion:168 Resp: 194409

Ion Ratio Lower Upper

168 100

99 56.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

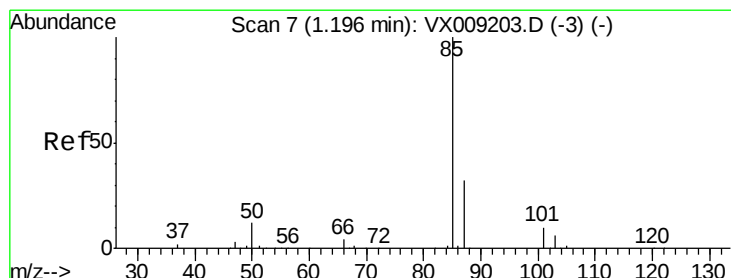
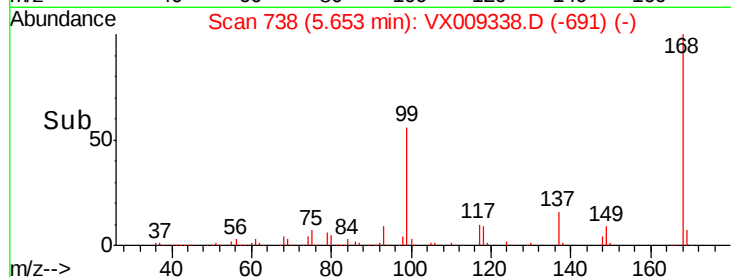
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.941 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009338.D

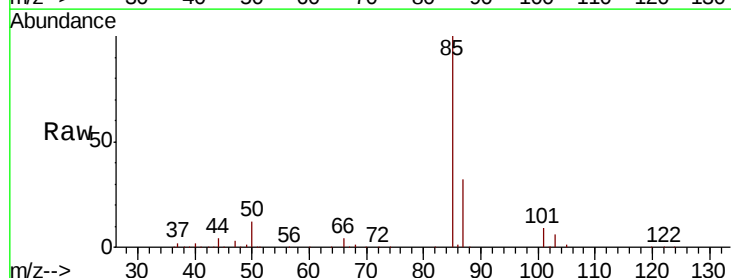
Acq: 06 May 2019 09:55

Tgt Ion: 85 Resp: 85887

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

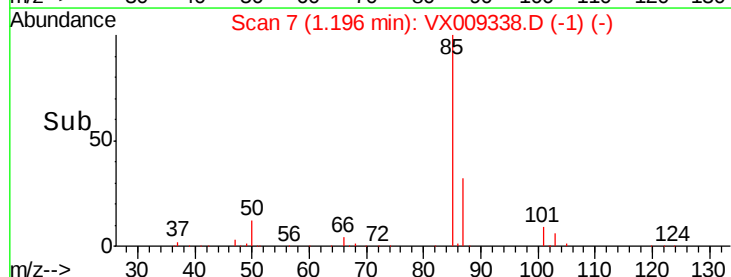
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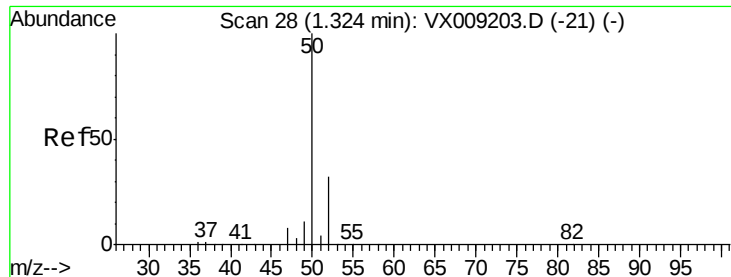
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.968 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

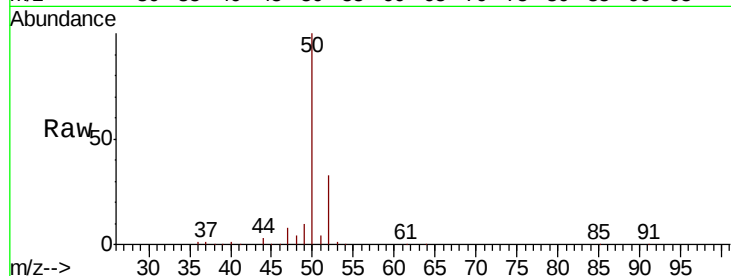
VSTDCCC050

Tot Ion: 50 Resp: 109987

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

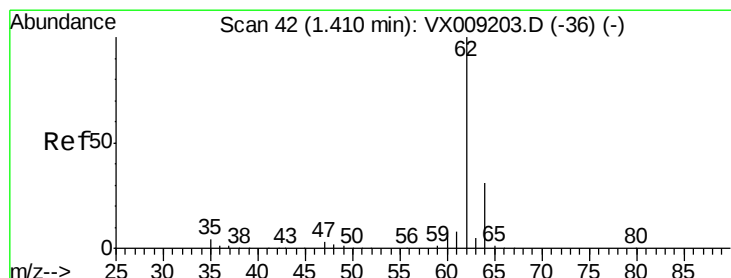
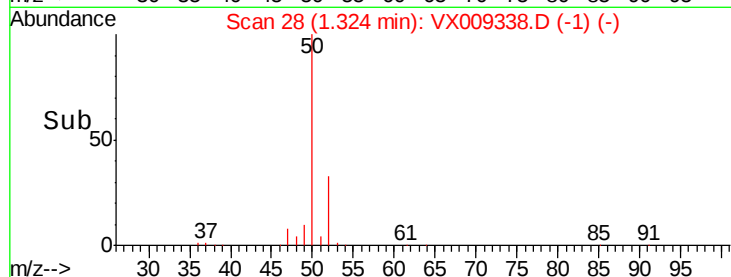
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.574 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009338.D

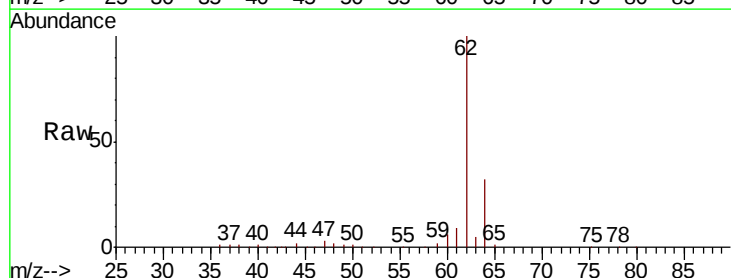
Acq: 06 May 2019 09:55

Tgt Ion: 62 Resp: 113466

Ion Ratio Lower Upper

62 100

64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

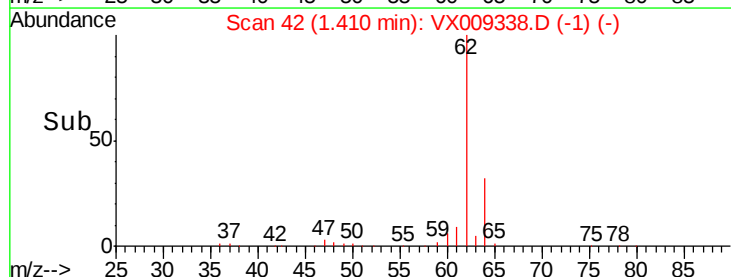
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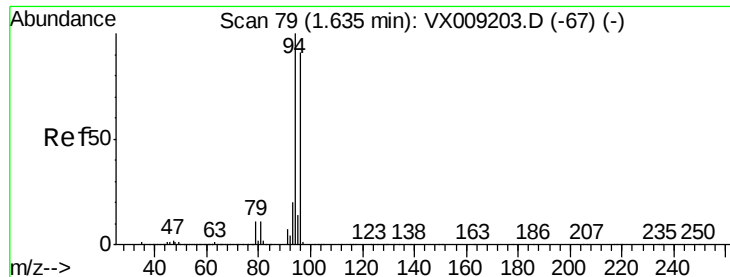
40000

20000

0

Time-->





#5

Bromomethane

Concen: 46.251 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

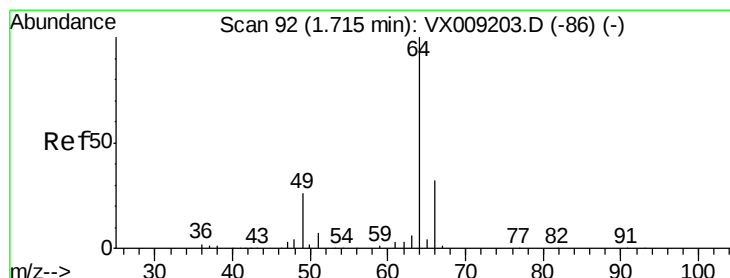
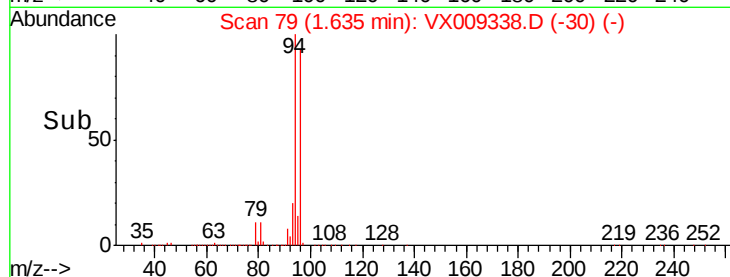
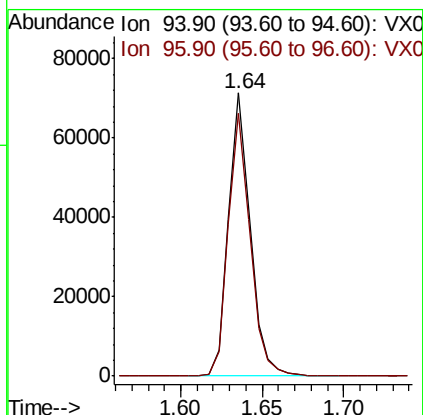
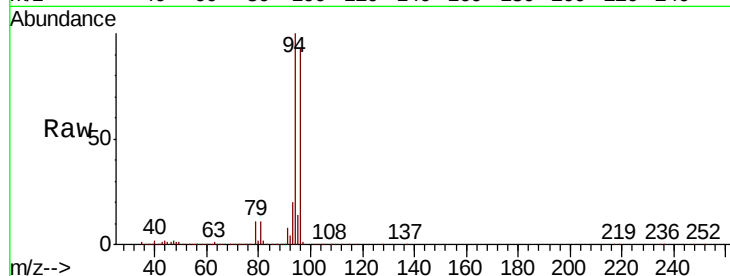
VSTDCCC050

Tot Ion: 94 Resp: 66209

Ion Ratio Lower Upper

94 100

96 92.8 73.0 109.6



#6

Chloroethane

Concen: 47.833 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009338.D

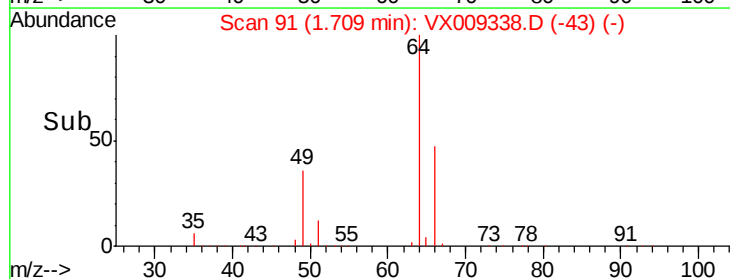
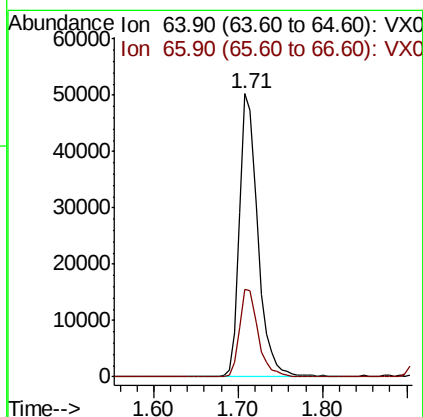
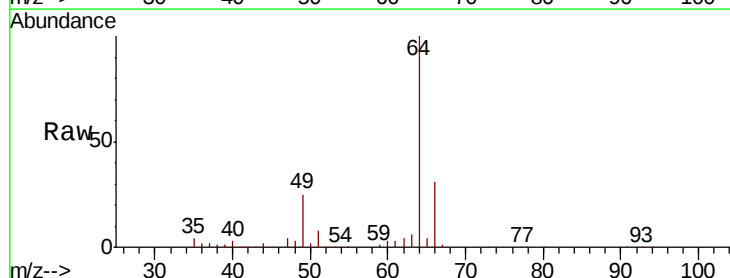
Acq: 06 May 2019 09:55

Tgt Ion: 64 Resp: 73245

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9



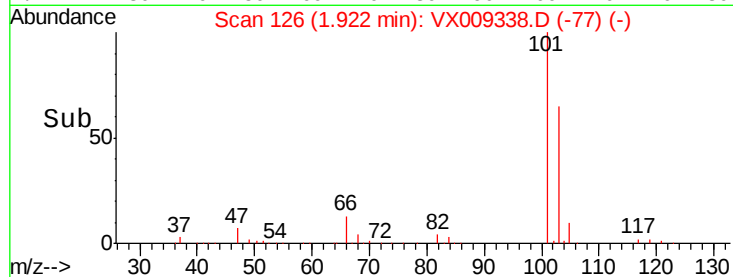
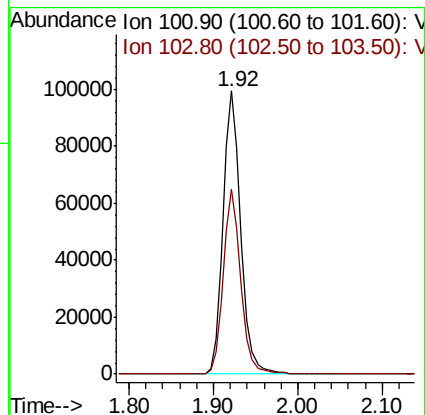
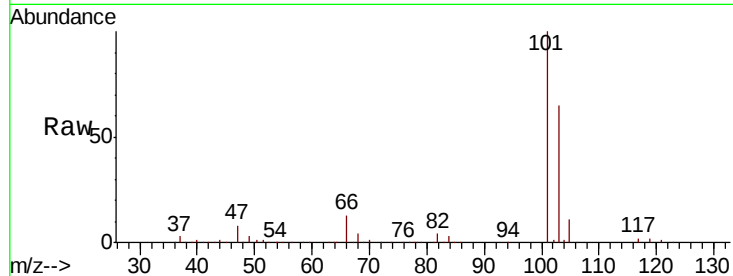


#7

Trichlorofluoromethane
 Concen: 49.855 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

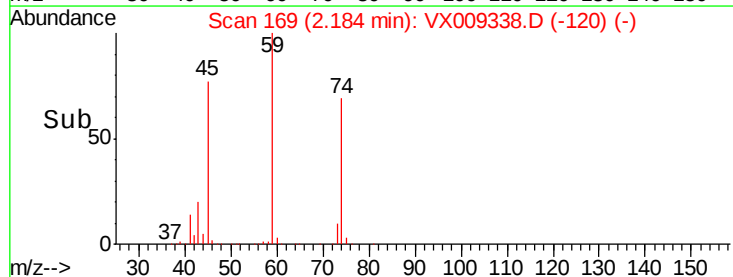
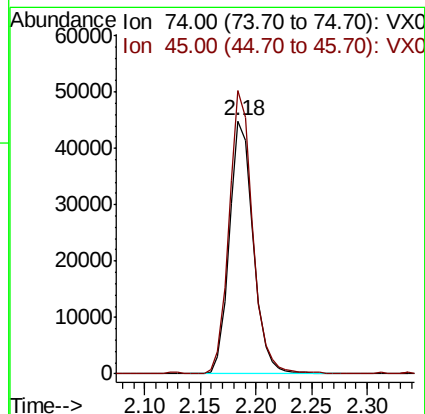
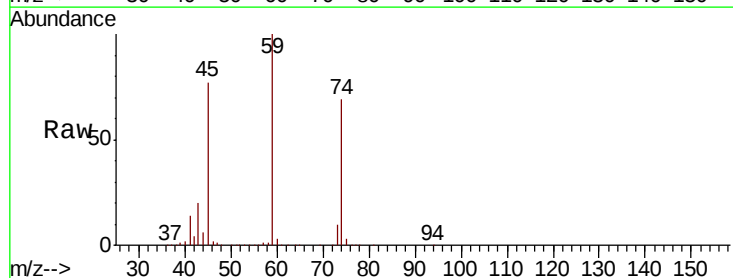
Tot Ion:101 Resp: 144535
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.4 78.6



#8

Diethyl Ether
 Concen: 48.476 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 74 Resp: 66571
 Ion Ratio Lower Upper
 74 100
 45 109.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.870 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

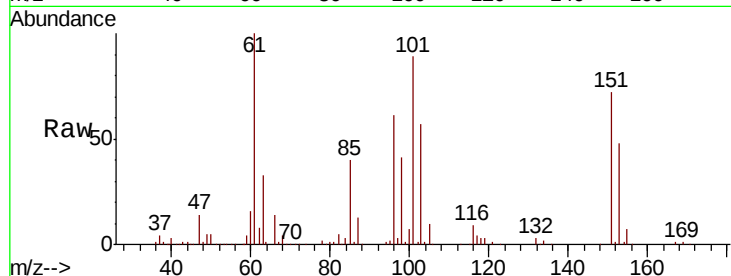
Tot Ion:101 Resp: 92613

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

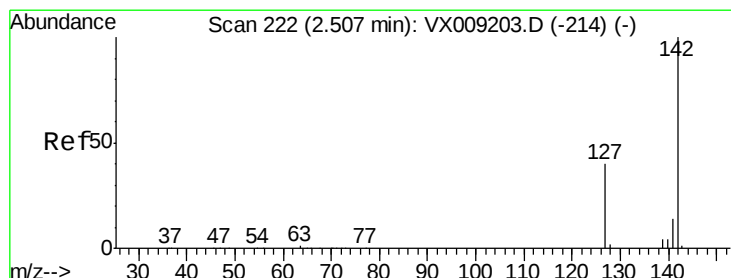
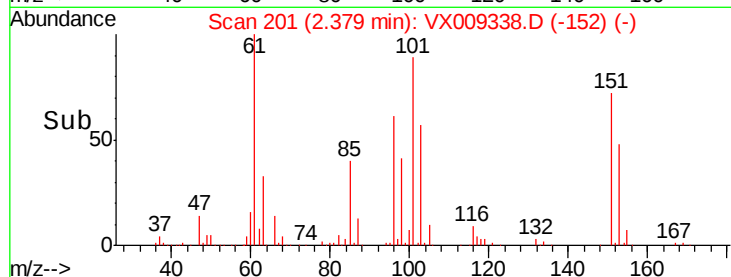
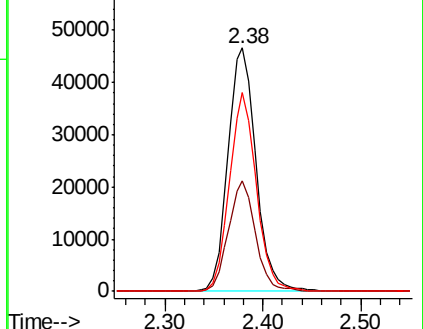
151 78.5 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.897 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

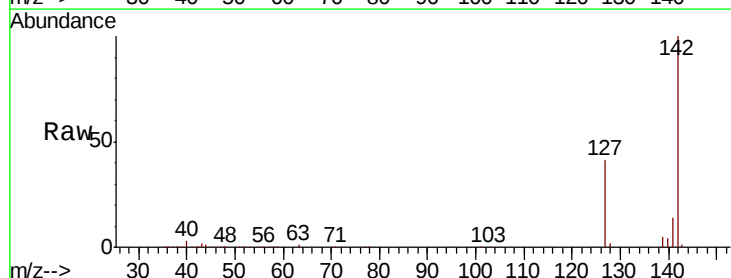
Tgt Ion:142 Resp: 96209

Ion Ratio Lower Upper

142 100

127 41.1 32.7 49.1

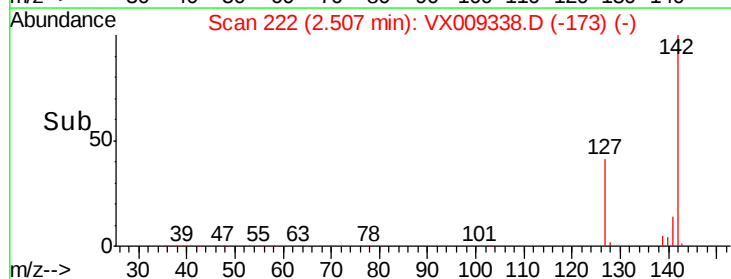
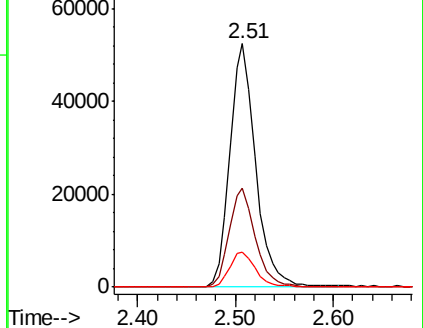
141 14.7 11.5 17.3

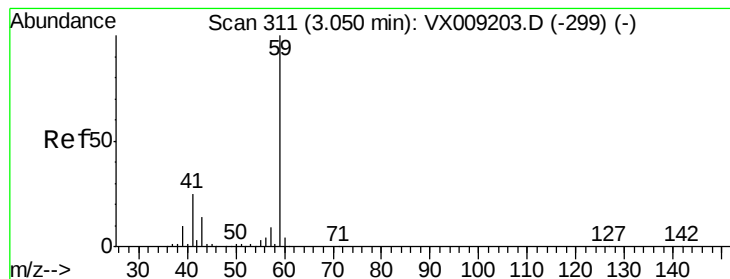


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



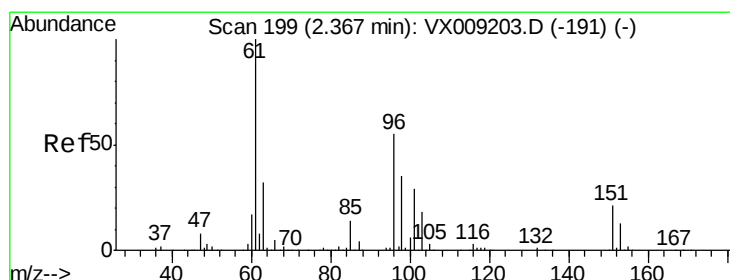
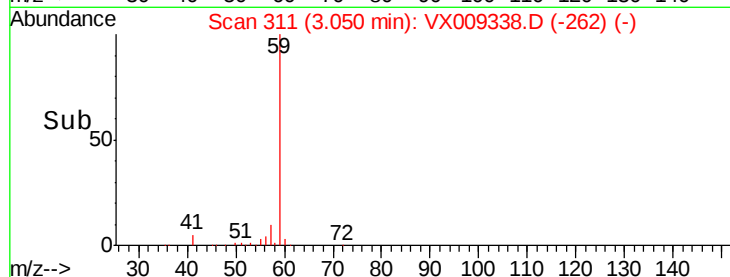
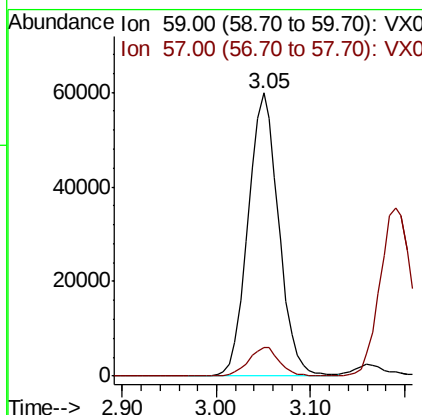
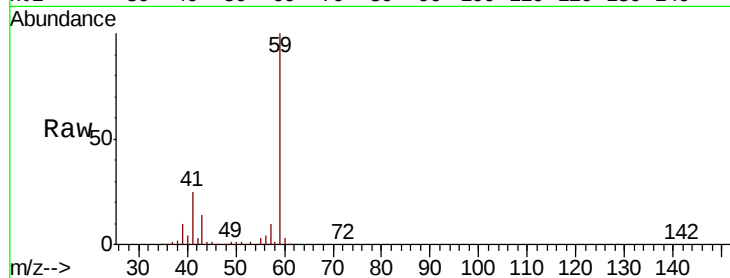


#11

Tert butyl alcohol
 Concen: 223.242 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

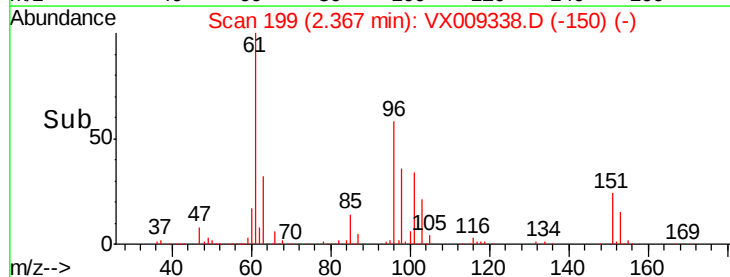
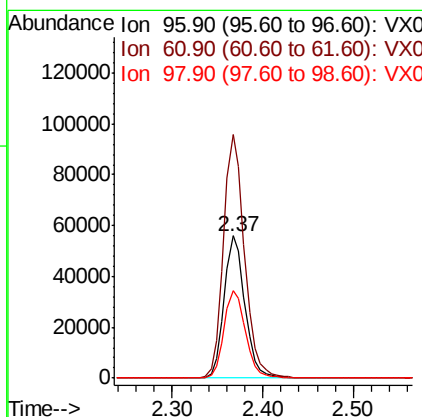
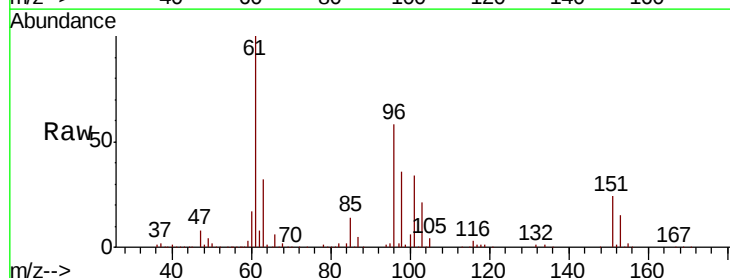
Tot Ion: 59 Resp: 137141
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

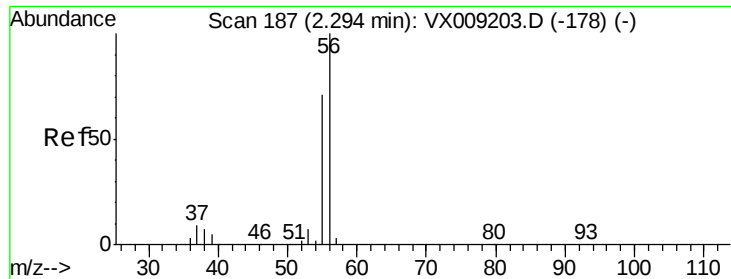


#12

1,1-Dichloroethene
 Concen: 49.050 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 96 Resp: 89472
 Ion Ratio Lower Upper
 96 100
 61 171.5 144.3 216.5
 98 62.1 50.3 75.5

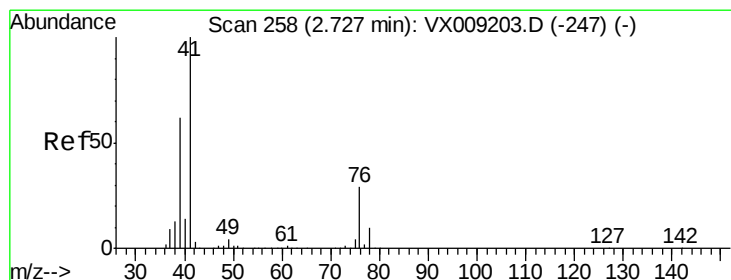
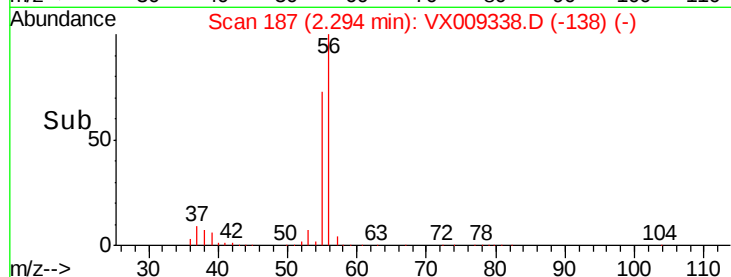
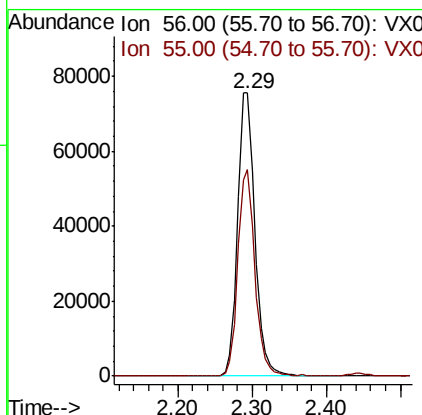
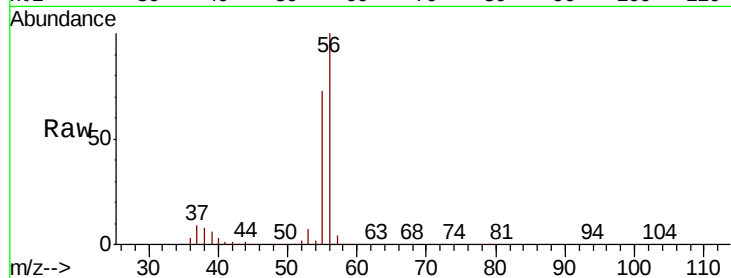




#13
 Acrolein
 Concen: 223.561 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

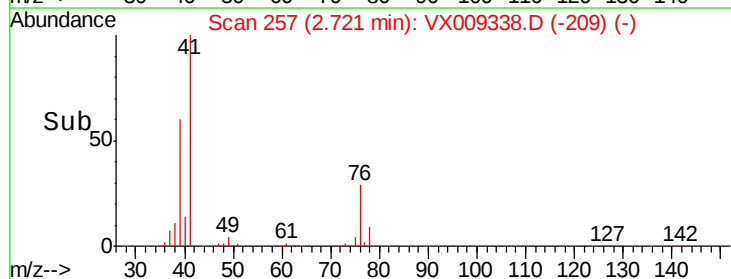
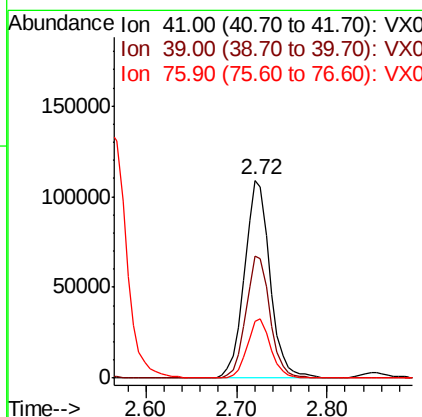
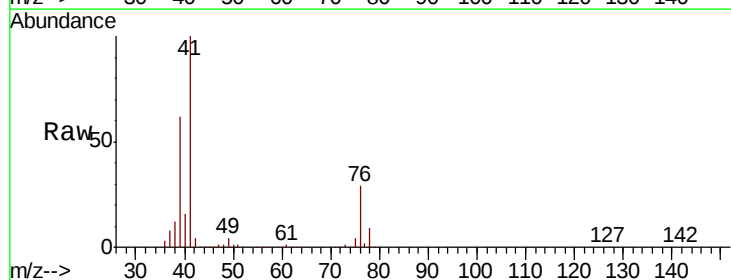
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 56 Resp: 124377
 Ion Ratio Lower Upper
 56 100
 55 72.0 56.6 85.0



#14
 Allyl chloride
 Concen: 47.729 ug/l
 RT: 2.72 min Scan# 257
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 41 Resp: 212174
 Ion Ratio Lower Upper
 41 100
 39 58.6 46.7 70.1
 76 27.8 21.8 32.8





#15

Acrylonitrile

Concen: 230.814 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

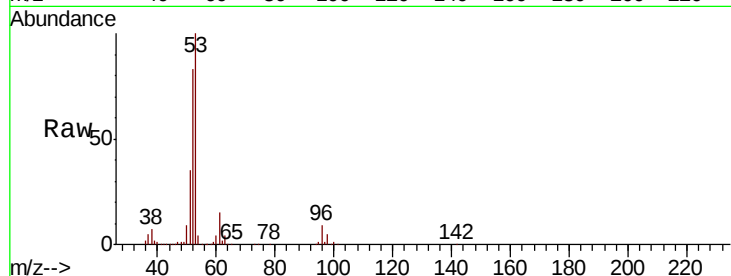
Tot Ion: 53 Resp: 346694

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

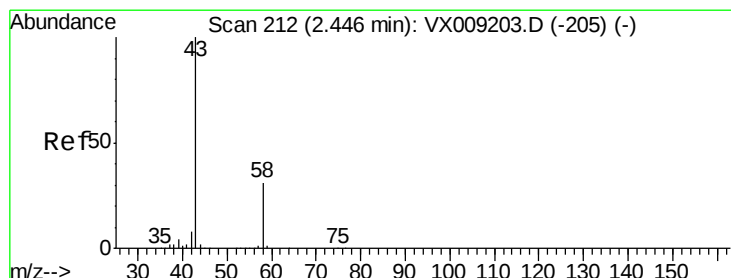
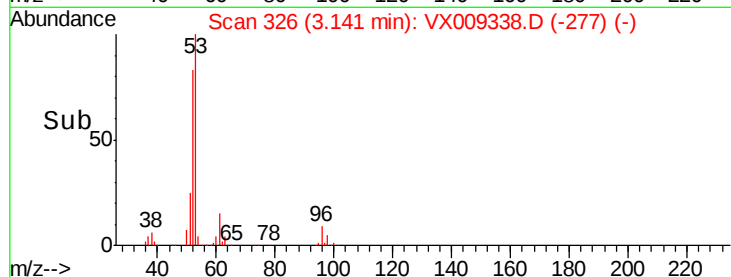
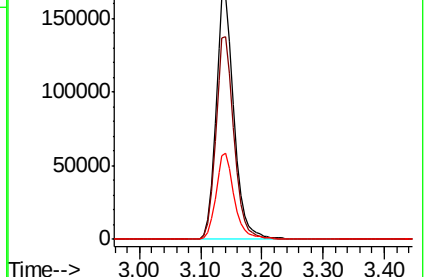
51 35.6 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.700 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009338.D

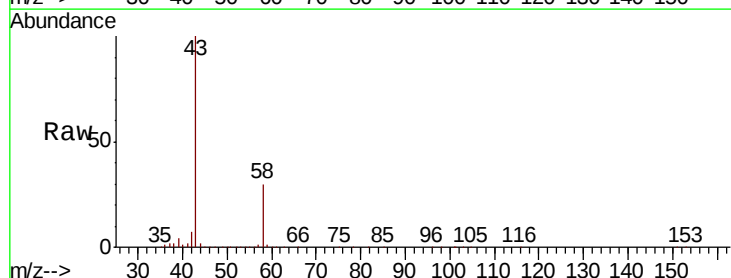
Acq: 06 May 2019 09:55

Tgt Ion: 43 Resp: 362960

Ion Ratio Lower Upper

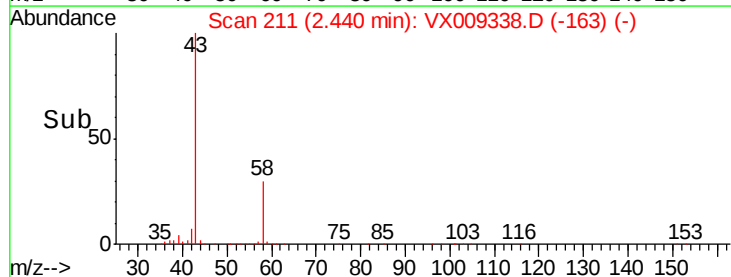
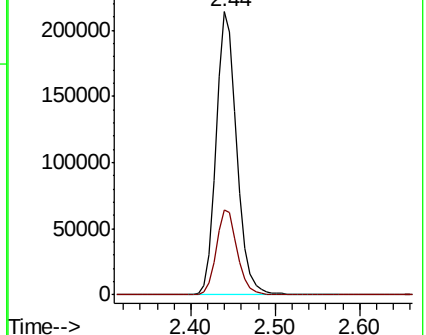
43 100

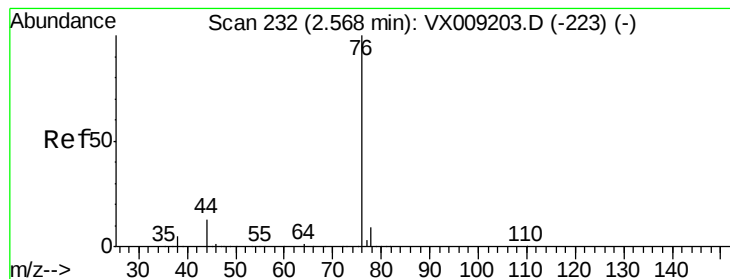
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.489 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

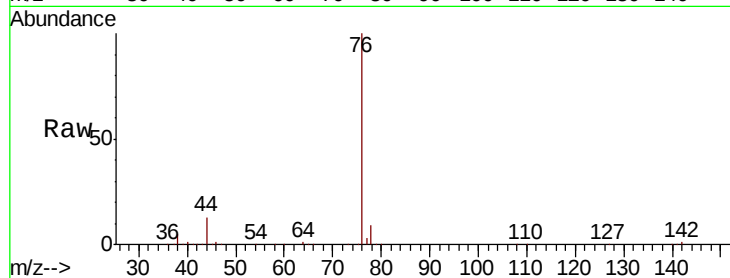
VSTDCCC050

Tot Ion: 76 Resp: 238084

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

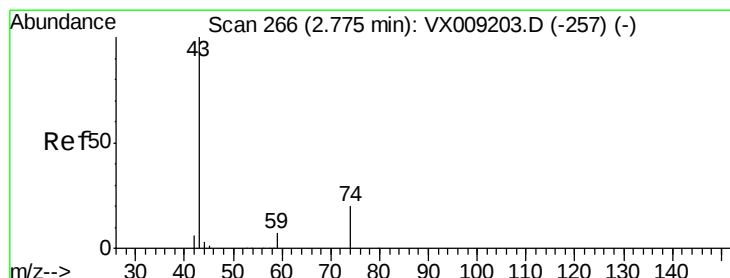
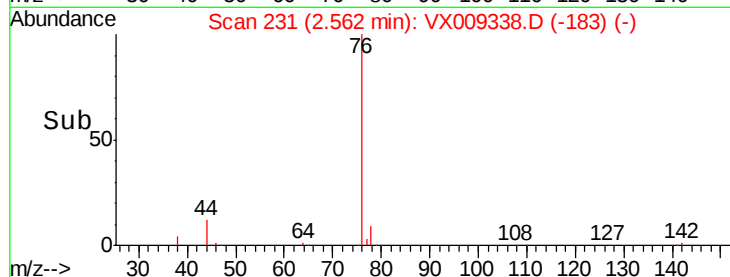
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 46.627 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009338.D

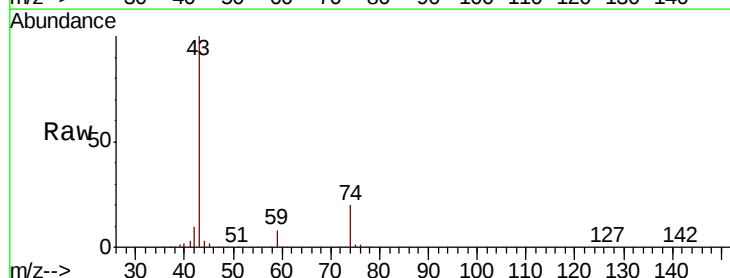
Acq: 06 May 2019 09:55

Tgt Ion: 43 Resp: 158020

Ion Ratio Lower Upper

43 100

74 20.0 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

60000

40000

20000

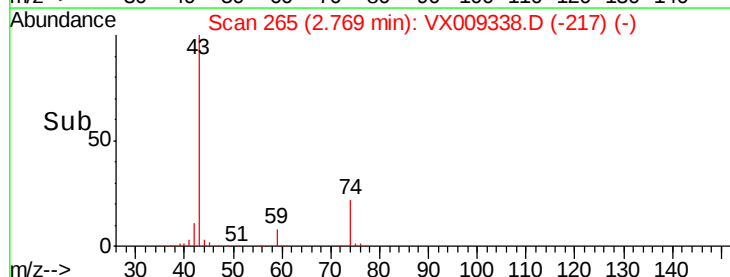
0

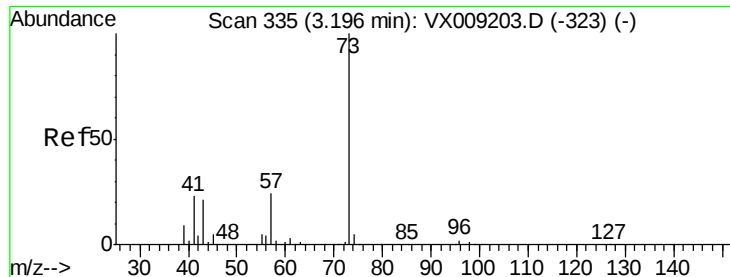
Time-->

2.70

2.80

2.90

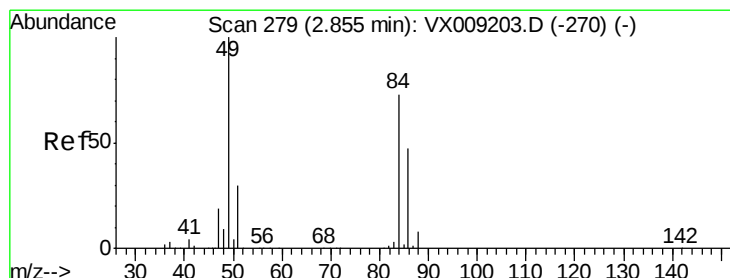
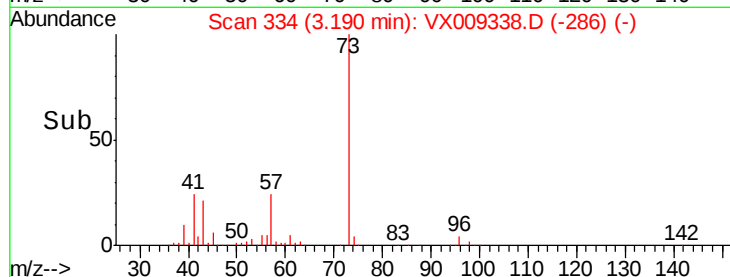
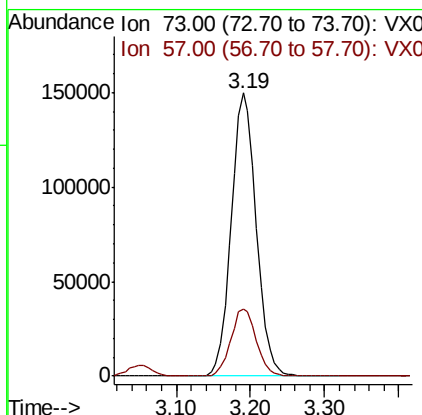
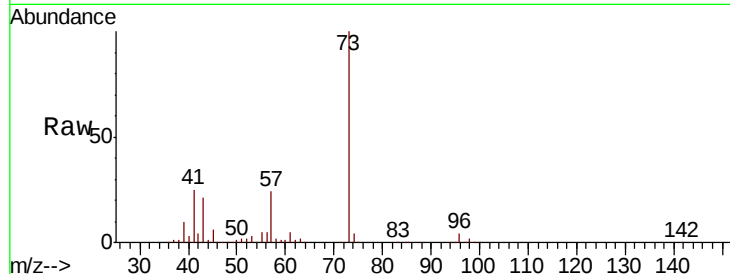




#19
Methyl tert-butyl Ether
Concen: 49.683 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

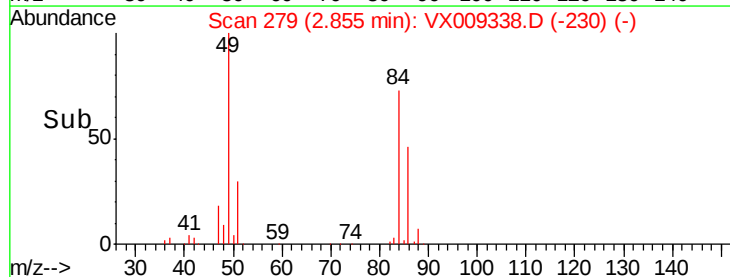
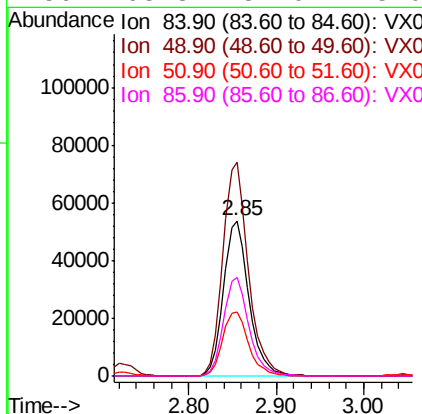
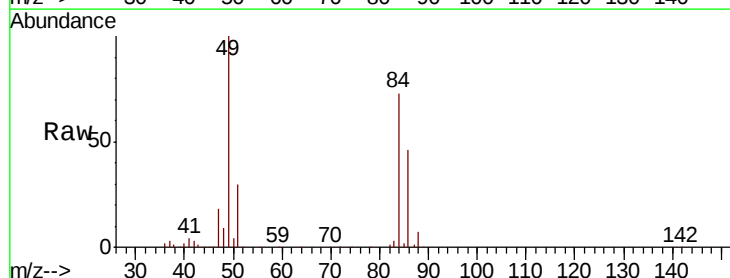
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

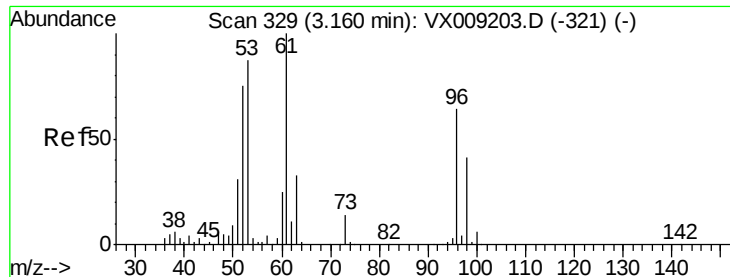
Tot Ion: 73 Resp: 351933
Ion Ratio Lower Upper
73 100
57 23.8 19.3 28.9



#20
Methylene Chloride
Concen: 46.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion: 84 Resp: 108306
Ion Ratio Lower Upper
84 100
49 137.4 109.9 164.9
51 41.3 32.7 49.1
86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.226 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

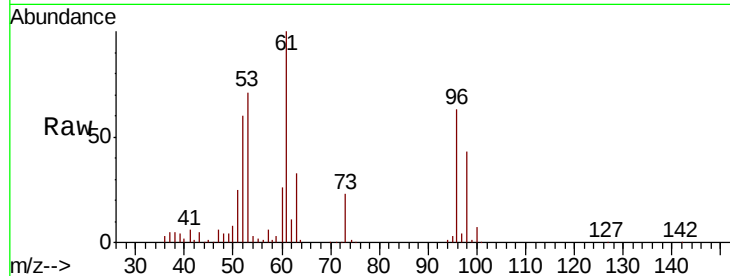
Tot Ion: 96 Resp: 95404

Ion Ratio Lower Upper

96 100

61 157.7 124.5 186.7

98 67.5 50.4 75.6

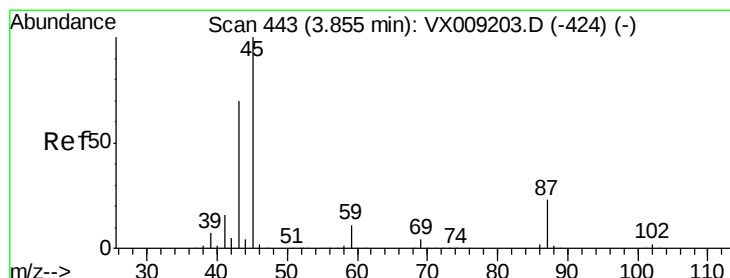
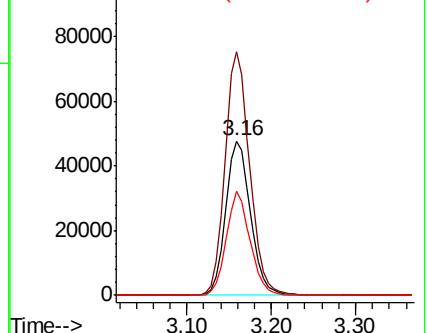
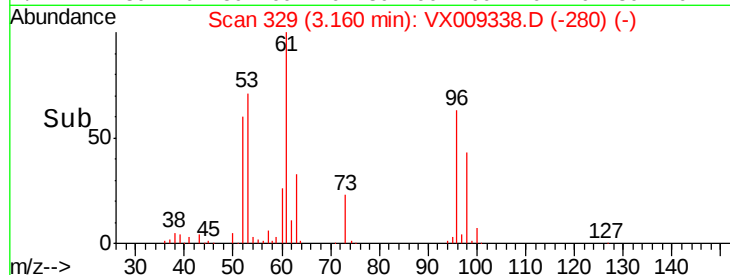


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.801 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Tgt Ion: 45 Resp: 425750

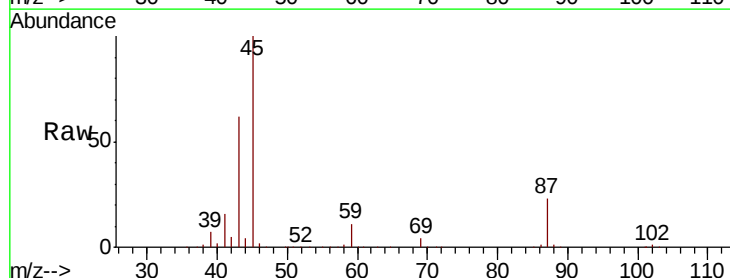
Ion Ratio Lower Upper

45 100

43 61.8 56.1 84.1

87 22.7 18.1 27.1

59 10.5 8.5 12.7



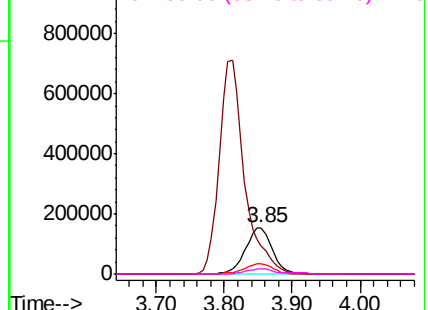
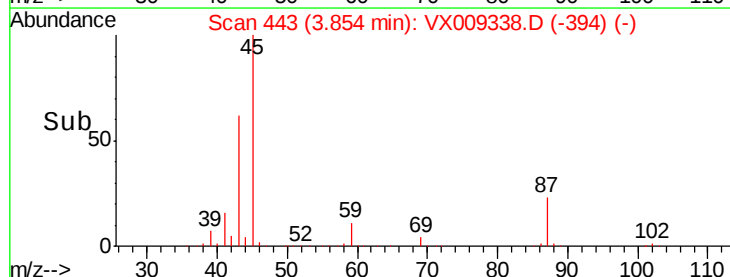
Abundance

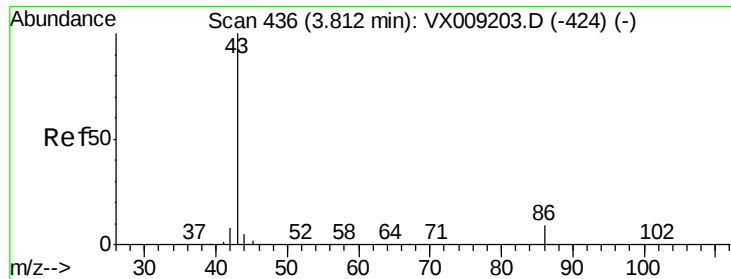
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.025 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

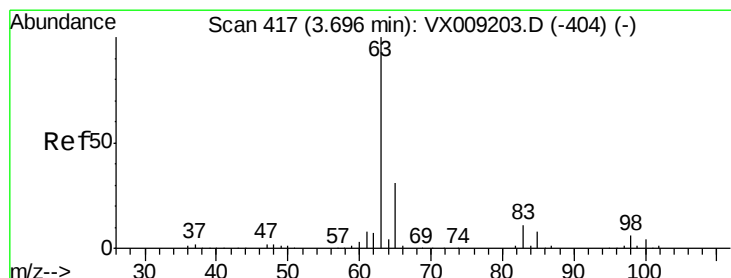
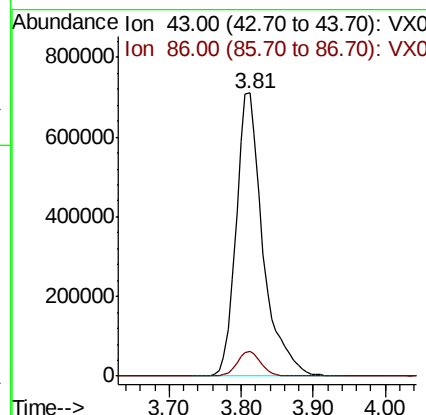
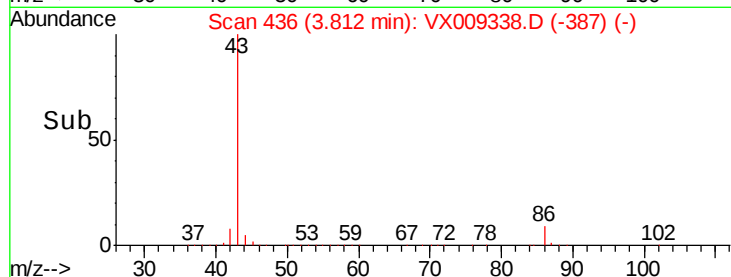
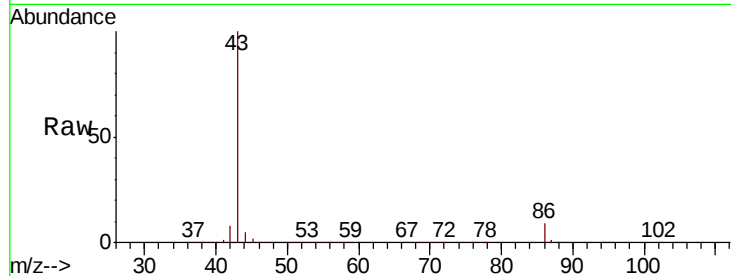
VSTDCCC050

Tot Ion: 43 Resp: 1837653

Ion Ratio Lower Upper

43 100

86 8.7 6.9 10.3



#24

1,1-Dichloroethane

Concen: 48.670 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

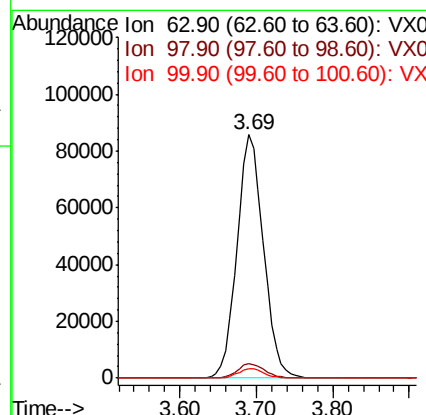
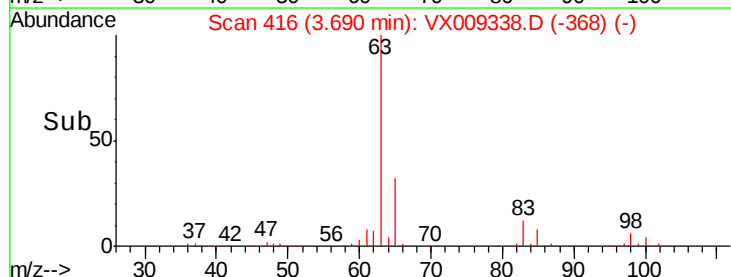
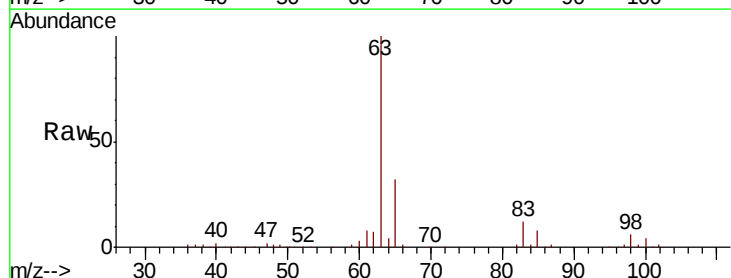
Tgt Ion: 63 Resp: 205256

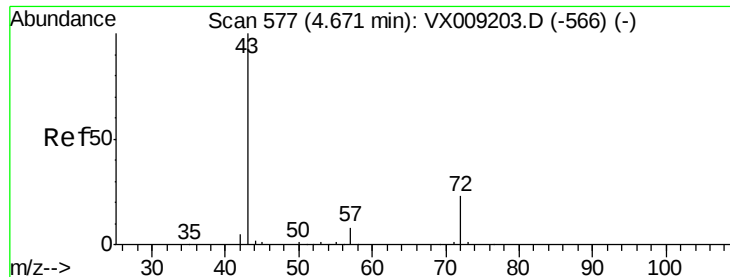
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 247.128 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

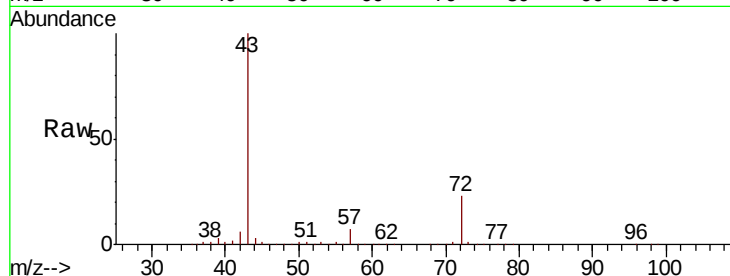
VSTDCCC050

Tot Ion: 43 Resp: 547260

Ion Ratio Lower Upper

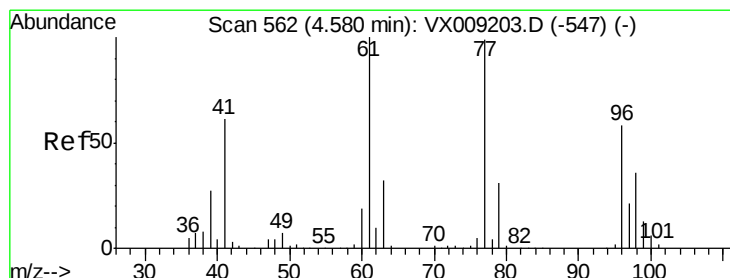
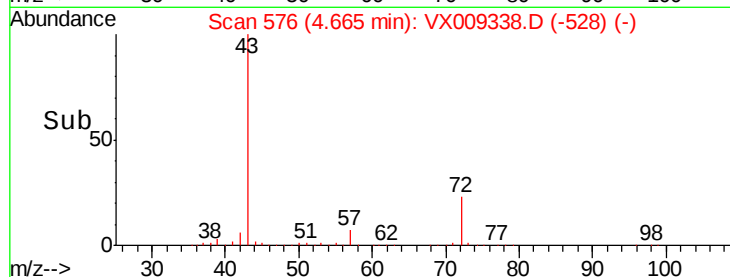
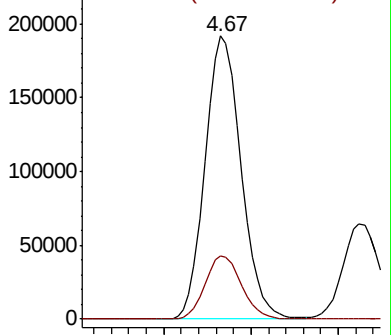
43 100

72 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.812 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX009338.D

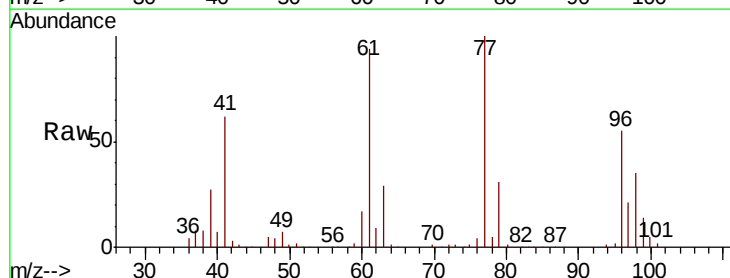
Acq: 06 May 2019 09:55

Tgt Ion: 77 Resp: 162643

Ion Ratio Lower Upper

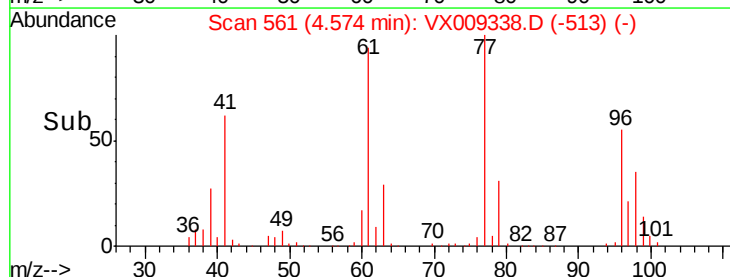
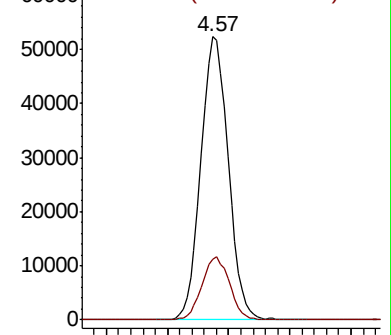
77 100

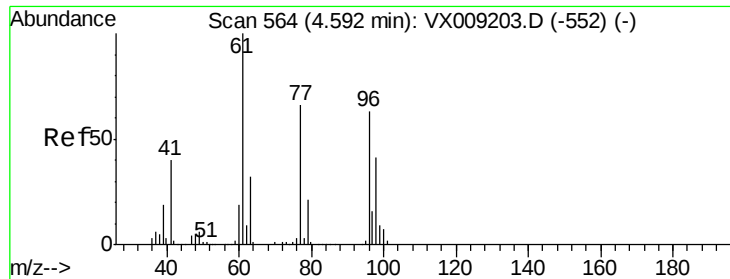
97 22.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



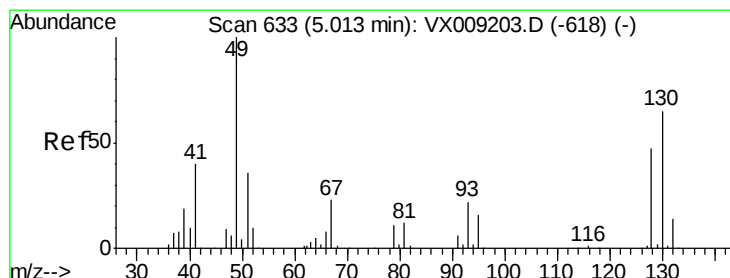
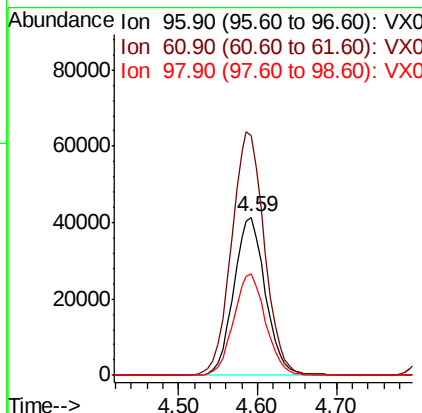
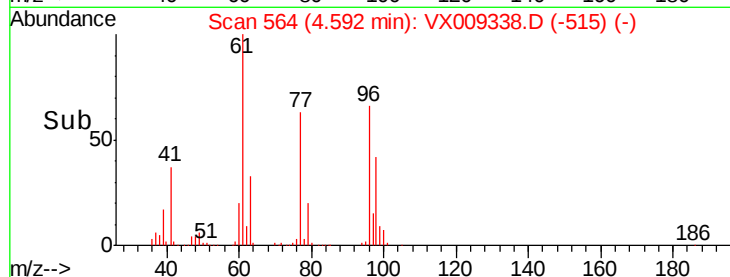
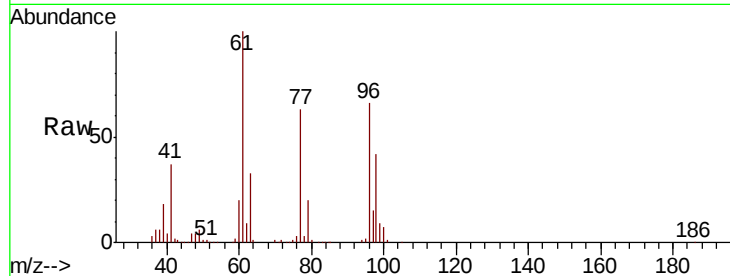


#27

cis-1,2-Dichloroethene
 Concen: 48.904 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

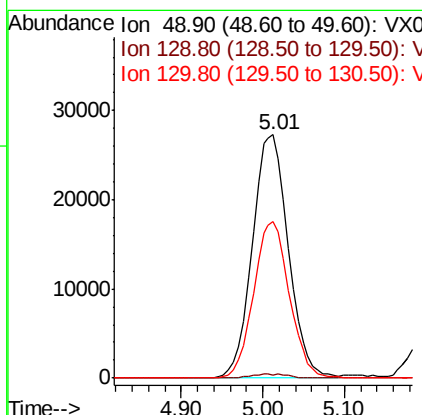
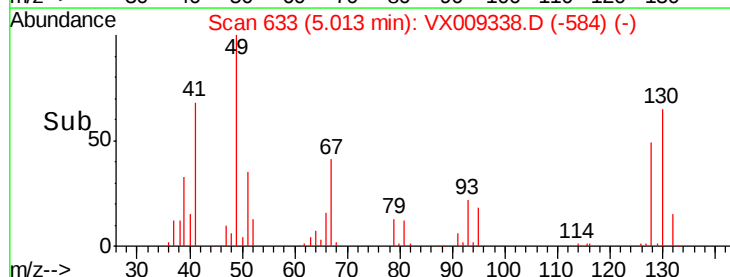
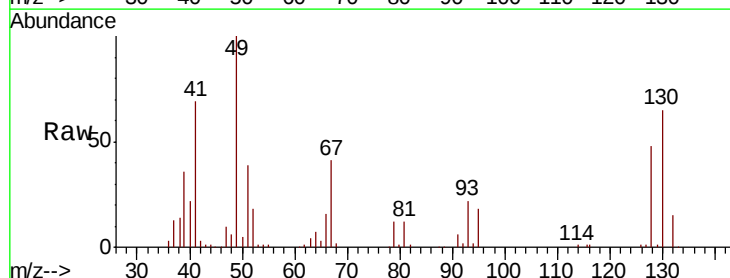
Tot Ion: 96 Resp: 115477
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 324.0
 98 64.9 0.0 130.4

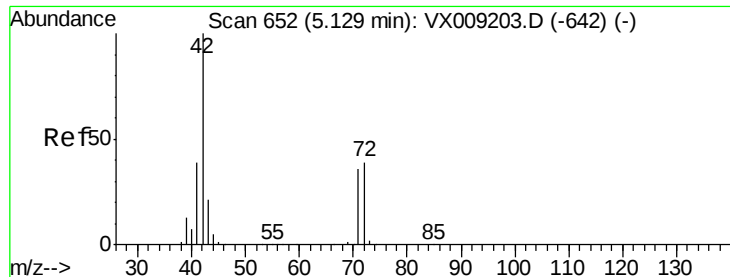


#28

Bromochloromethane
 Concen: 49.311 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 49 Resp: 83778
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 63.8 51.2 76.8





#29

Tetrahydrofuran

Concen: 232.528 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

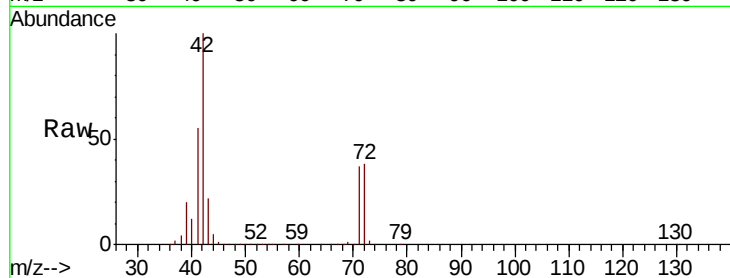
Tot Ion: 42 Resp: 331354

Ion Ratio Lower Upper

42 100

72 37.8 30.4 45.6

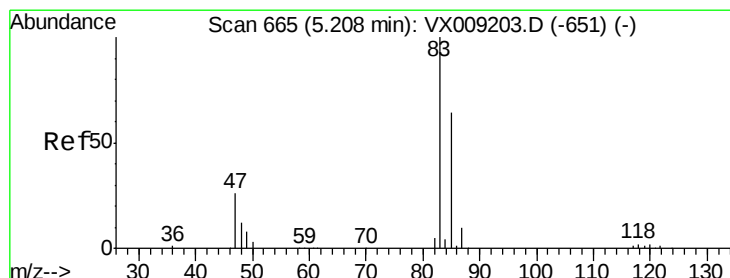
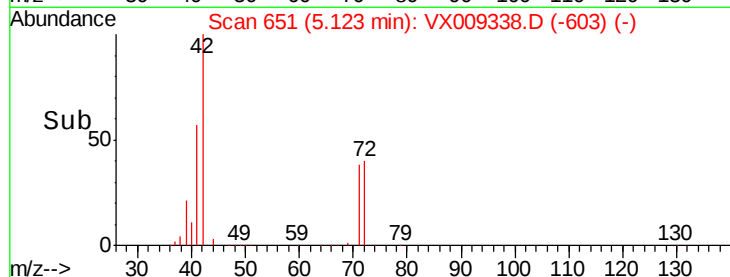
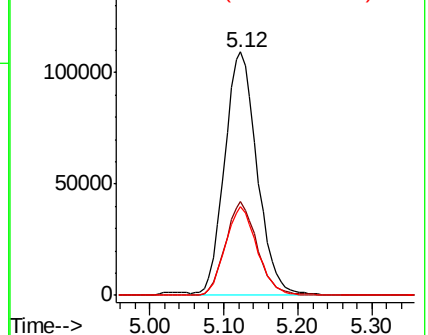
71 35.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.579 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009338.D

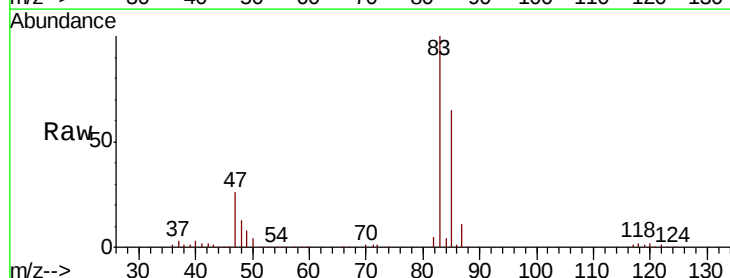
Acq: 06 May 2019 09:55

Tgt Ion: 83 Resp: 189110

Ion Ratio Lower Upper

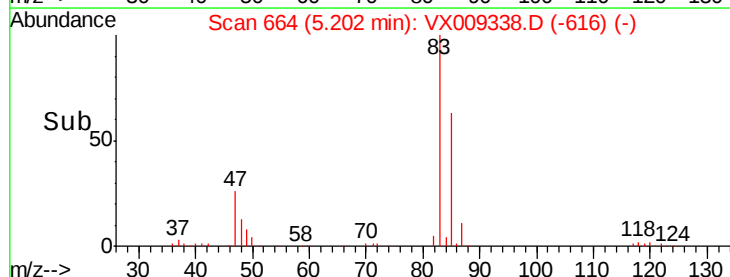
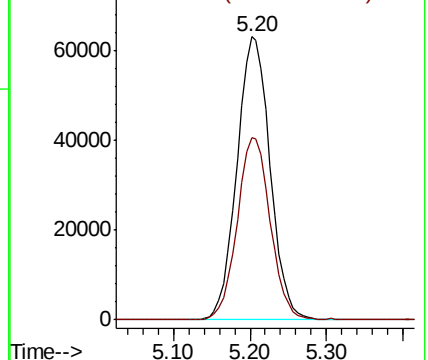
83 100

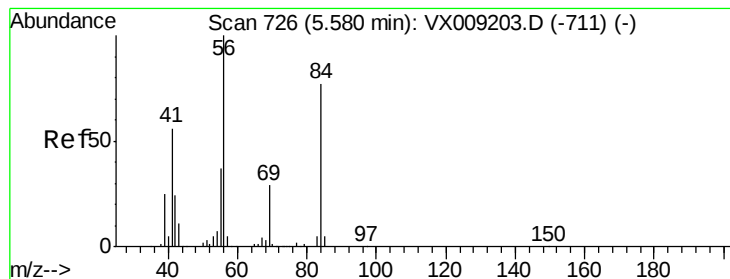
85 64.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.717 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

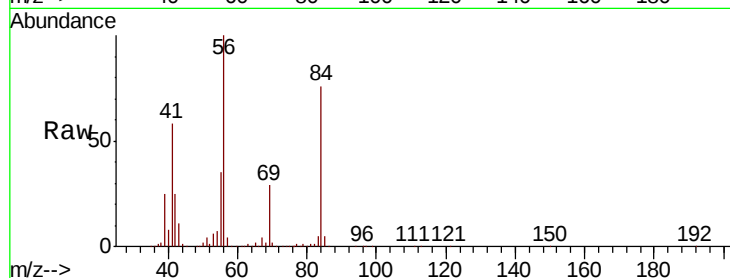
Tot Ion: 56 Resp: 191150

Ion Ratio Lower Upper

56 100

69 28.4 23.4 35.0

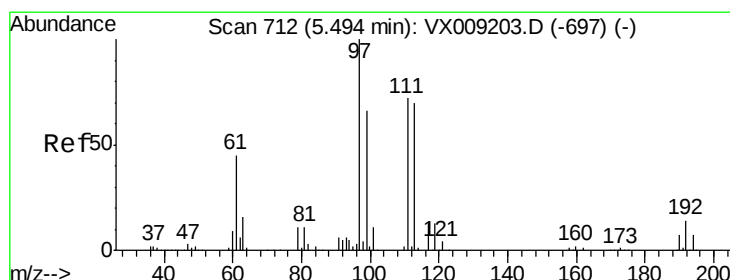
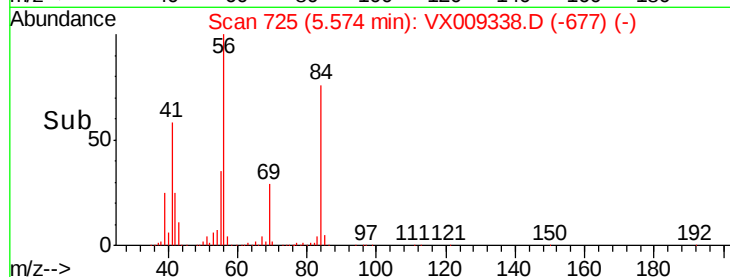
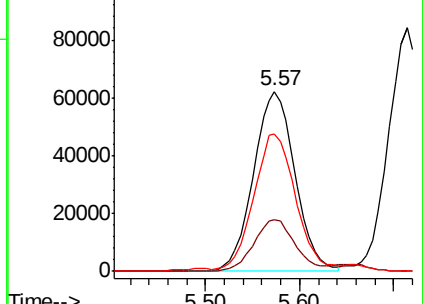
84 75.2 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.064 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

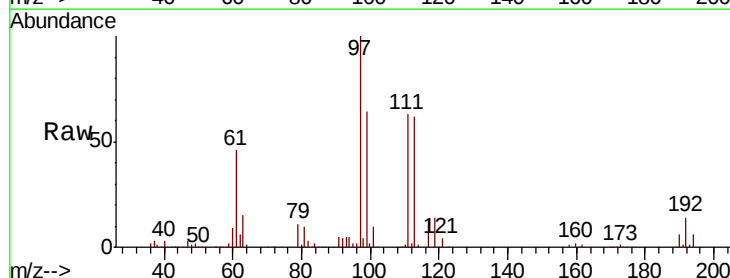
Tgt Ion: 97 Resp: 158964

Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.8

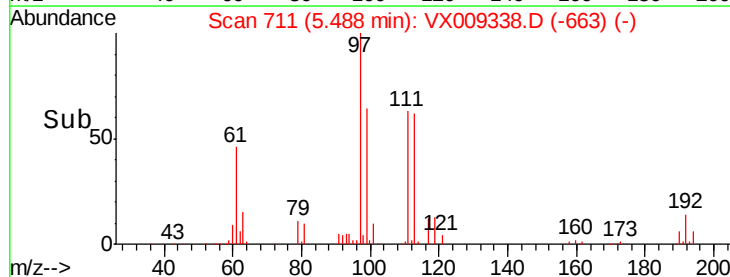
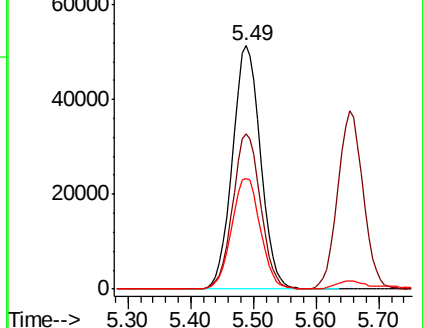
61 46.8 37.8 56.8

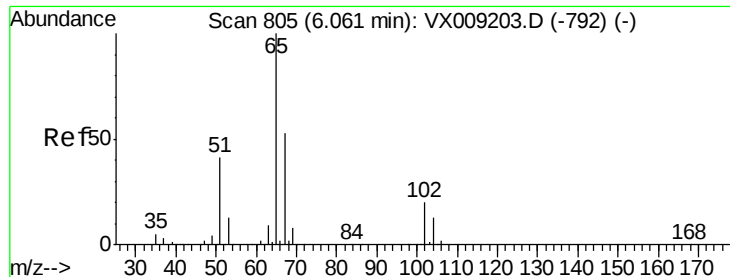


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.931 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

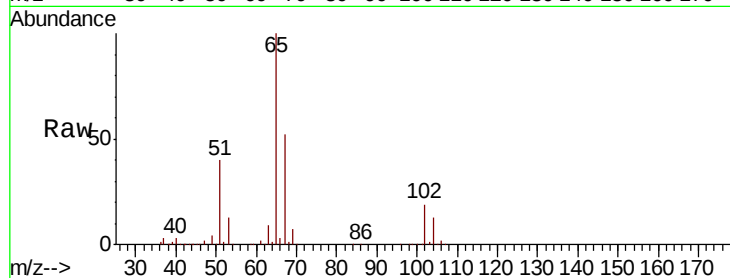
VSTDCCC050

Tot Ion: 65 Resp: 124550

Ion Ratio Lower Upper

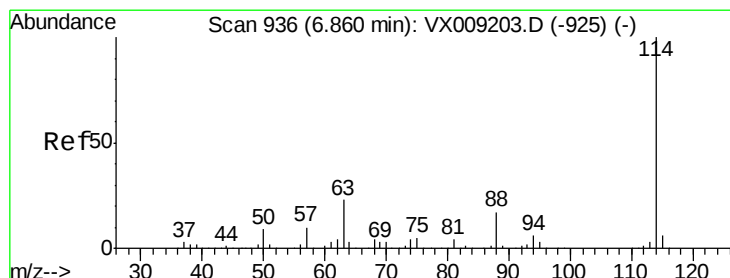
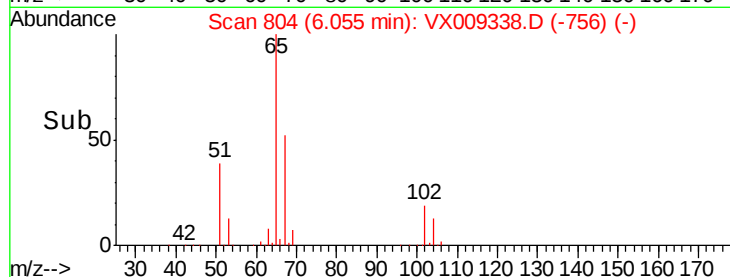
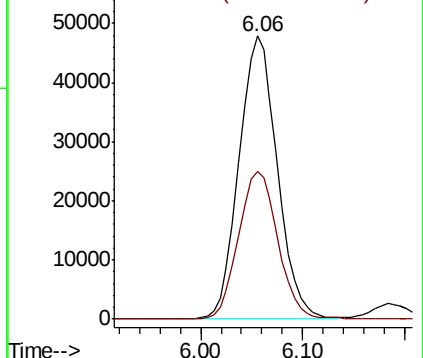
65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

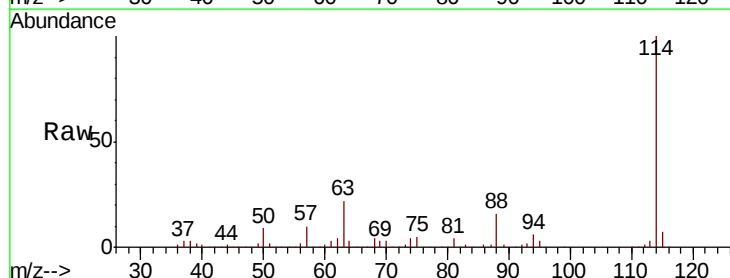
Tgt Ion: 114 Resp: 303334

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

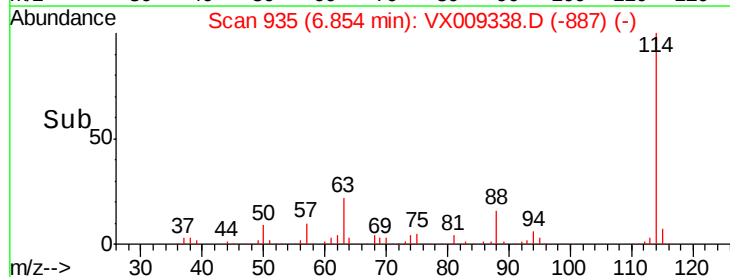
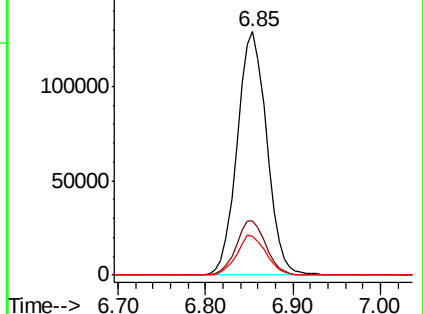
88 16.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

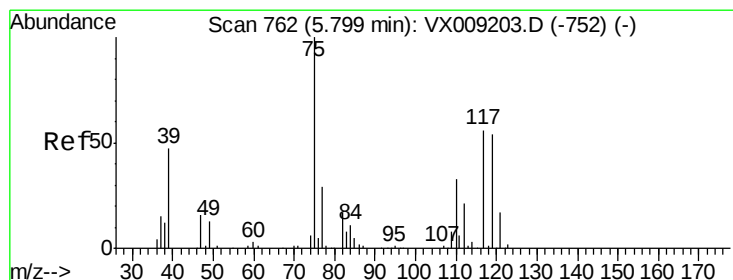
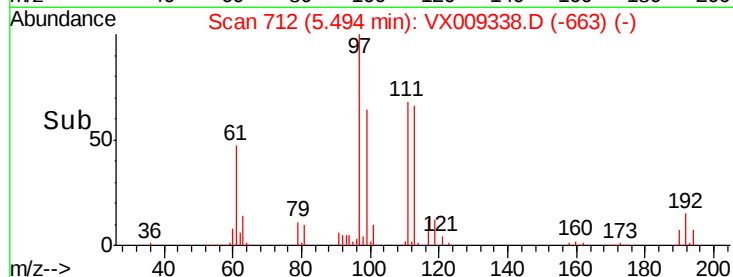
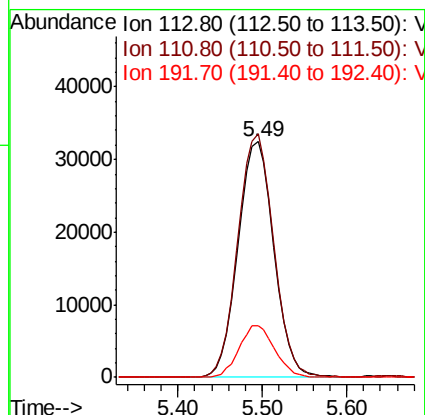
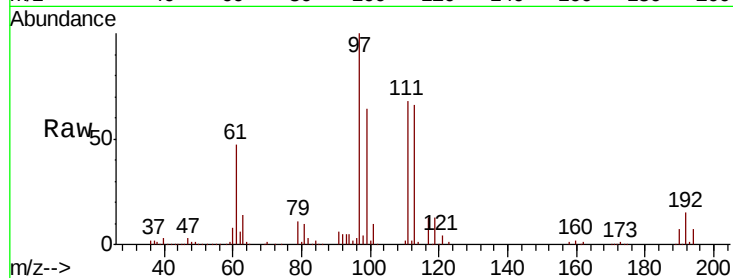




#35
 Dibromofluoromethane
 Concen: 49.257 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

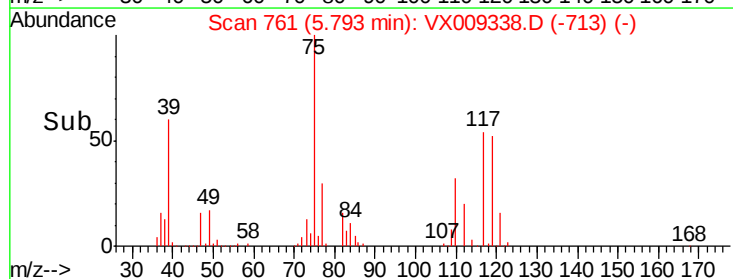
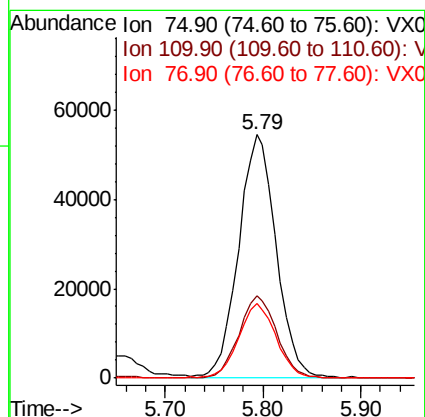
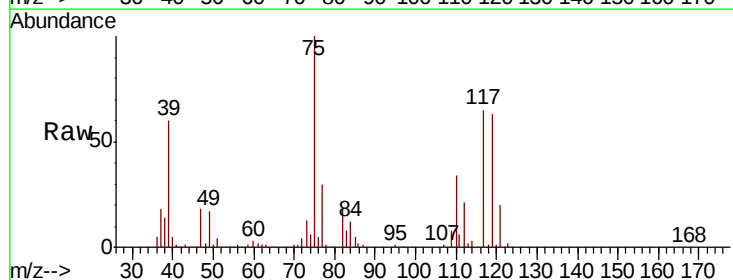
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

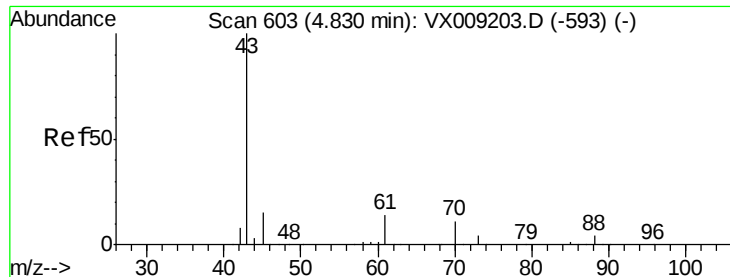
Tot Ion:113 Resp: 93927
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 51.045 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 75 Resp: 143891
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 48.867 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

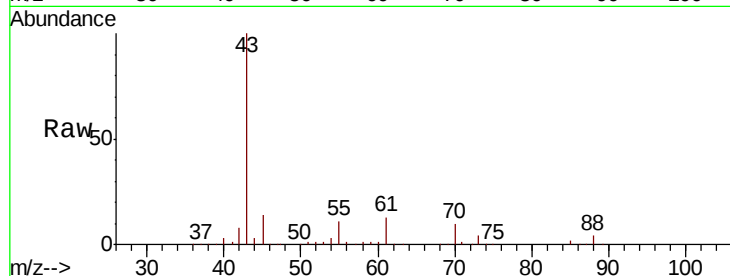
Tot Ion: 43 Resp: 191929

Ion Ratio Lower Upper

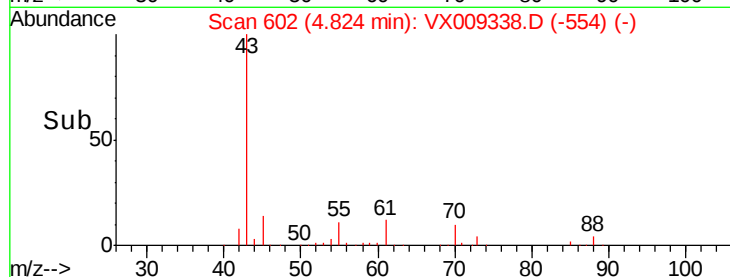
43 100

61 12.8 10.5 15.7

70 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009338.D (-554) (-)



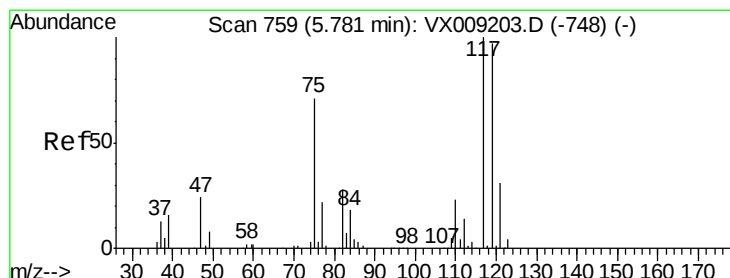
Ion 60.90 (60.60 to 61.60): VX009338.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009338.D (-554) (-)

Time-->

4.82

Time-->



#38

Carbon Tetrachloride

Concen: 52.170 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

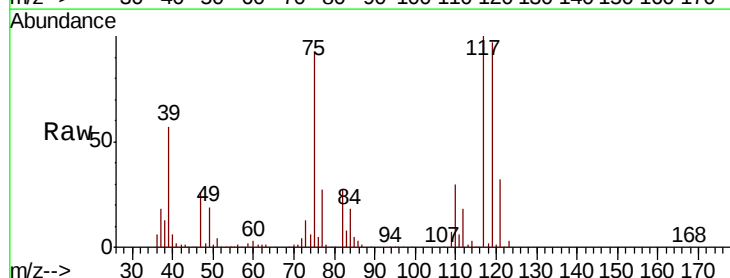
Tgt Ion: 117 Resp: 133616

Ion Ratio Lower Upper

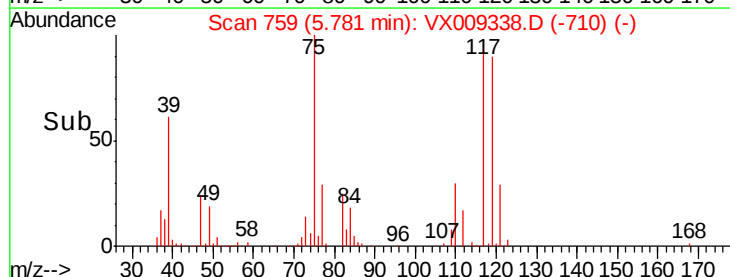
117 100

119 96.7 77.5 116.3

121 31.7 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009338.D (-710) (-)



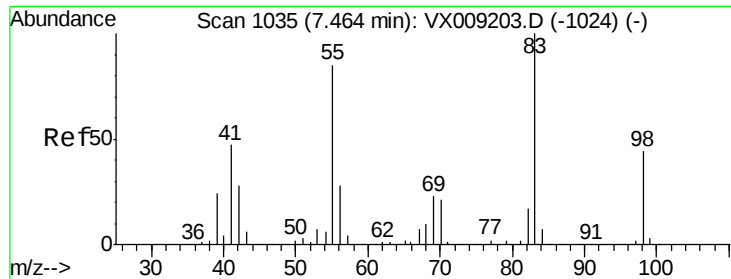
Ion 118.80 (118.50 to 119.50): VX009338.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009338.D (-710) (-)

Time-->

5.78

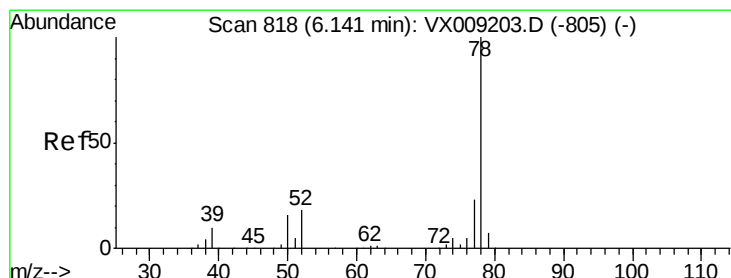
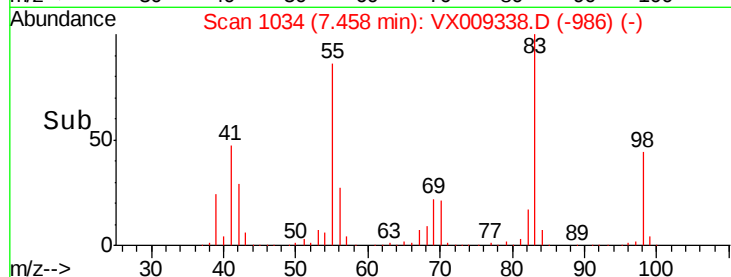
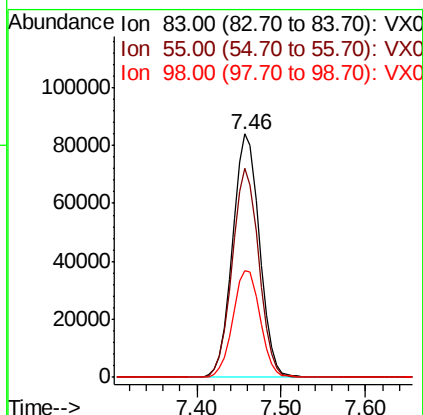
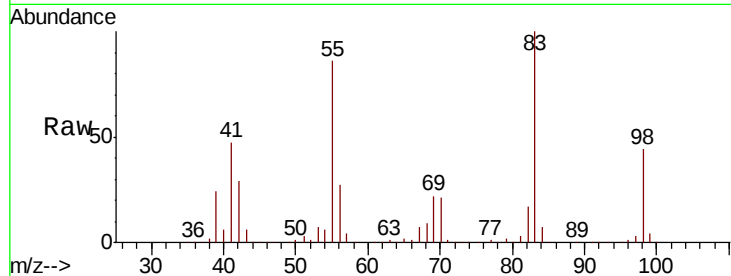
Time-->



#39
Methvlcvclohexane
Concen: 52.166 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

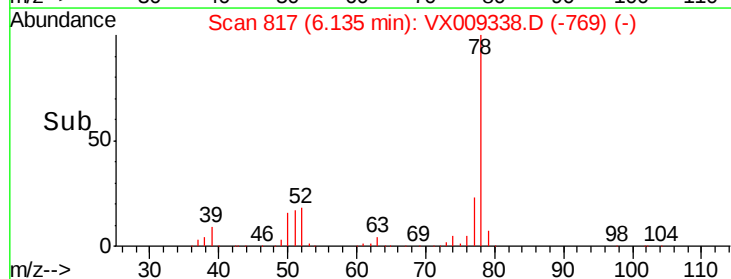
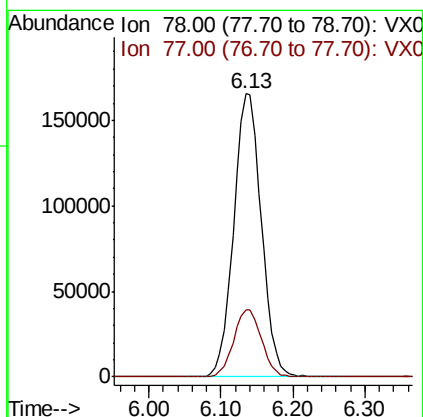
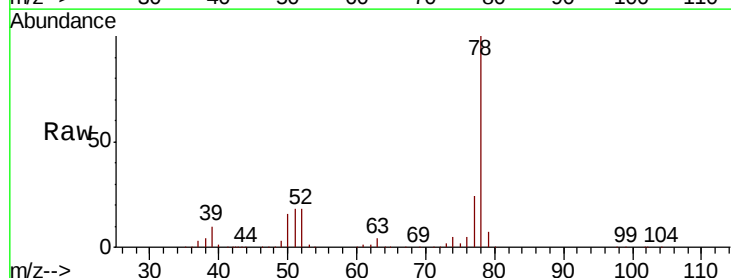
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 180593
Ion Ratio Lower Upper
83 100
55 85.9 67.7 101.5
98 44.0 35.5 53.3



#40
Benzene
Concen: 50.558 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion: 78 Resp: 441072
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 47.652 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 111410

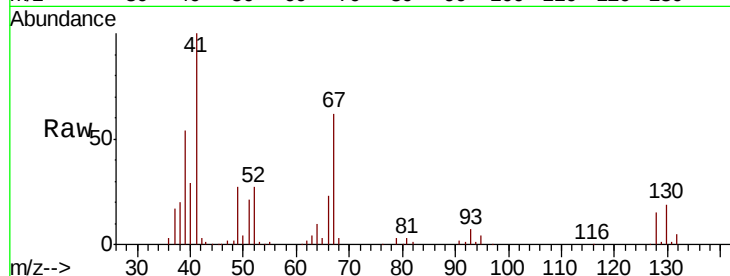
Ion Ratio Lower Upper

41 100

39 52.2 42.0 63.0

67 62.7 49.8 74.8

52 27.0 20.3 30.5

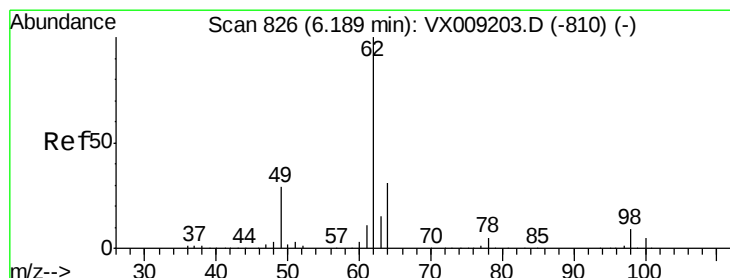
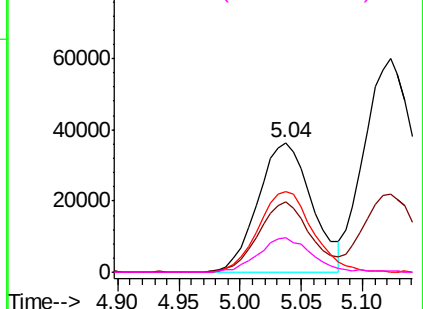
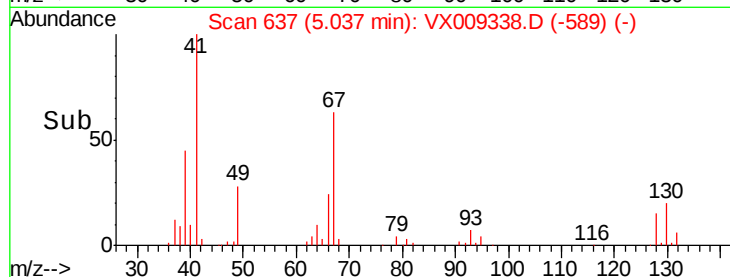


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.536 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX009338.D

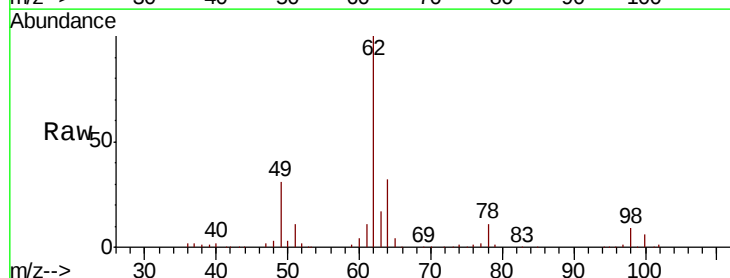
Acq: 06 May 2019 09:55

Tgt Ion: 62 Resp: 158152

Ion Ratio Lower Upper

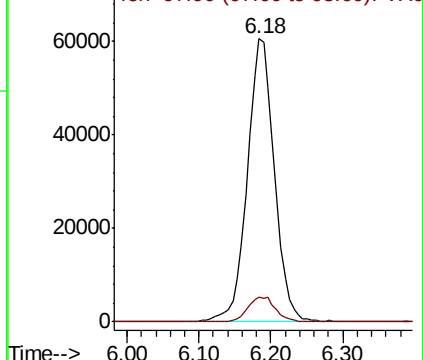
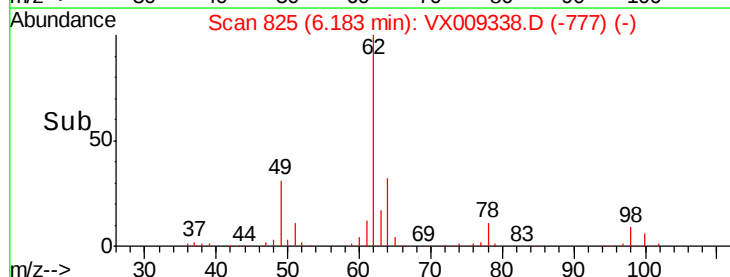
62 100

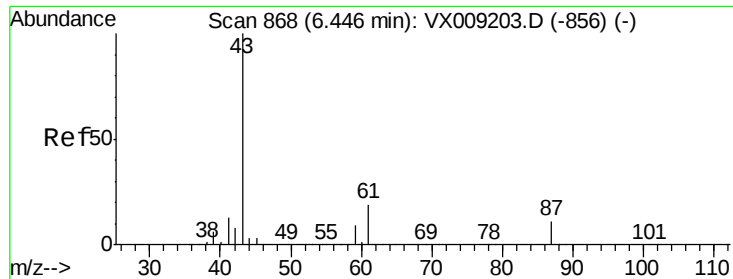
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



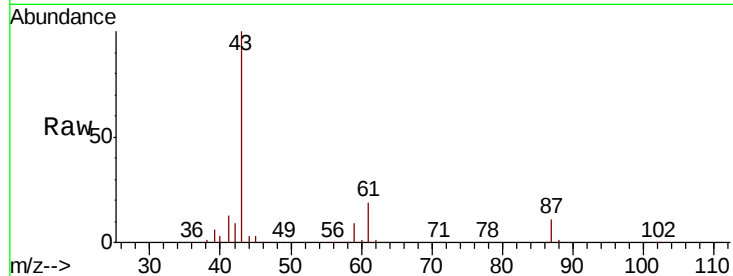


#43

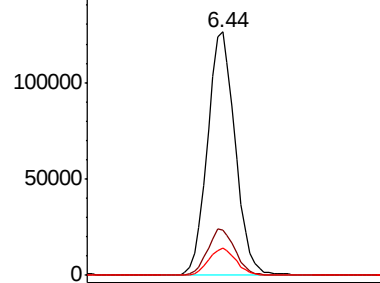
Isopropyl Acetate
 Concen: 50.159 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

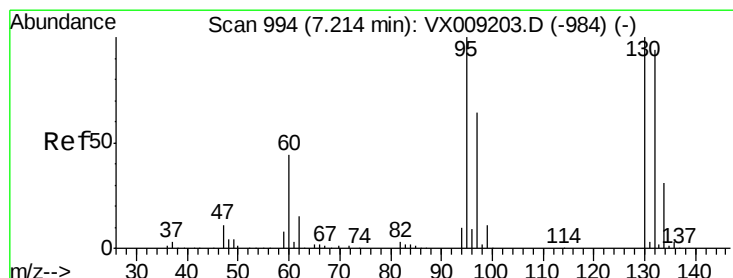
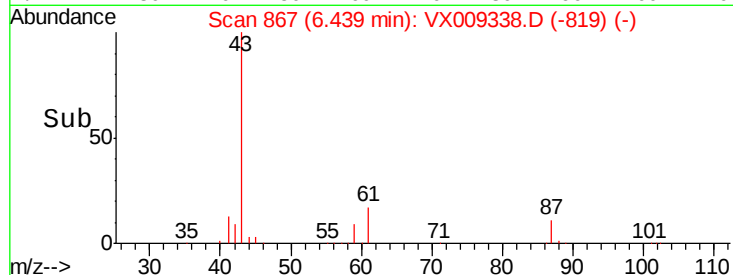
Tot Ion: 43 Resp: 315119
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.1 22.7
 87 11.2 9.0 13.6



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



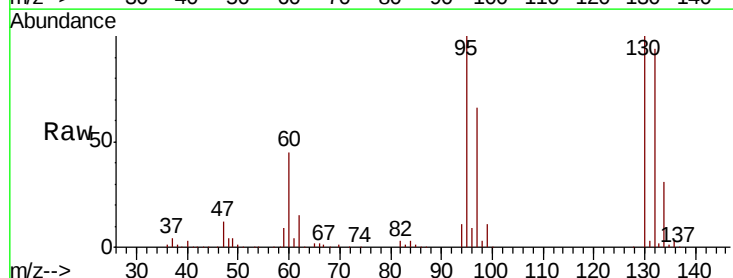
Time-->



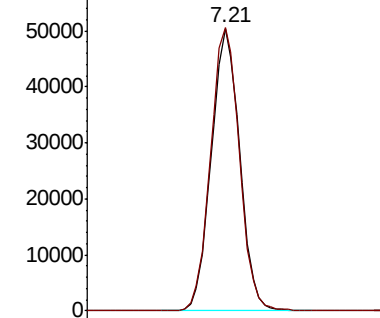
#44

Trichloroethene
 Concen: 50.358 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

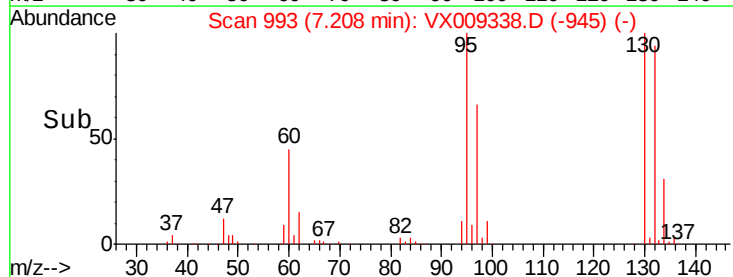
Tgt Ion: 130 Resp: 106209
 Ion Ratio Lower Upper
 130 100
 95 100.3 0.0 199.2



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



Time-->

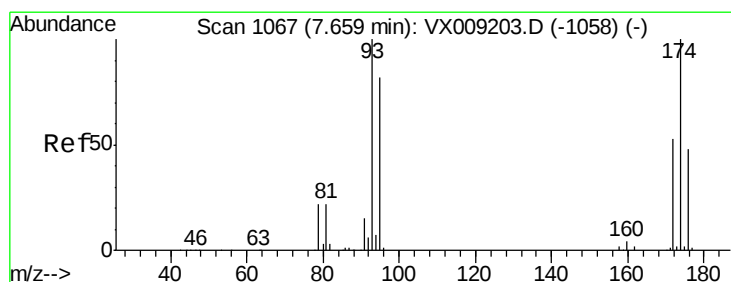
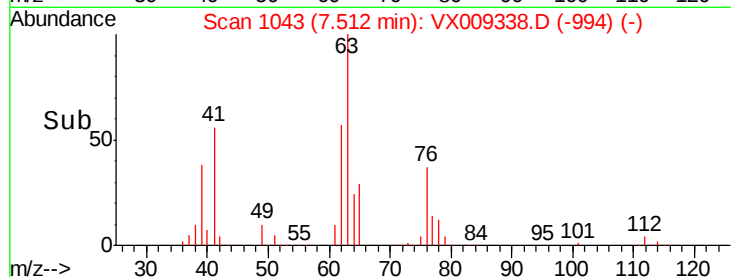
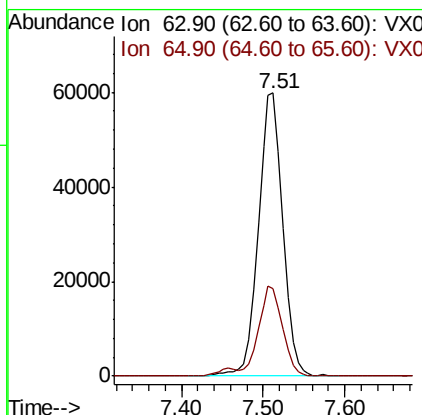
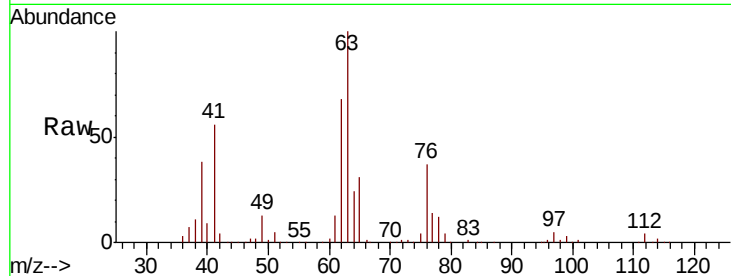




#45
 1,2-Dichloropropane
 Concen: 50.773 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

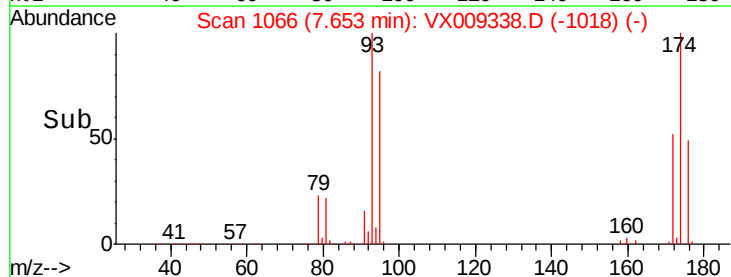
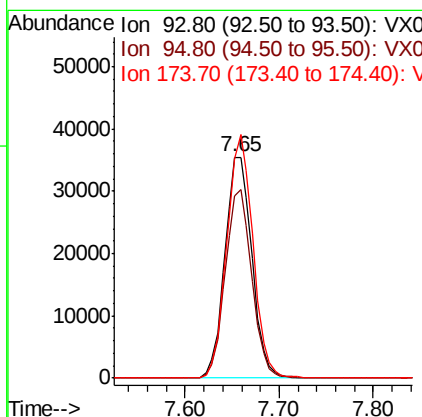
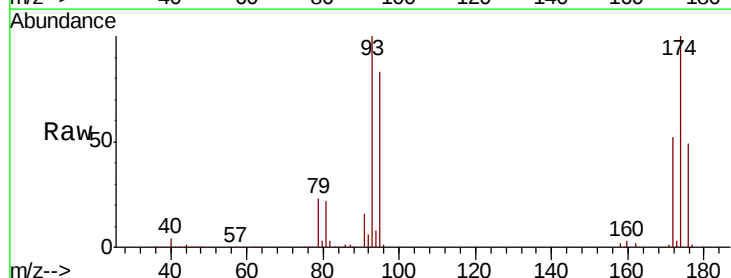
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

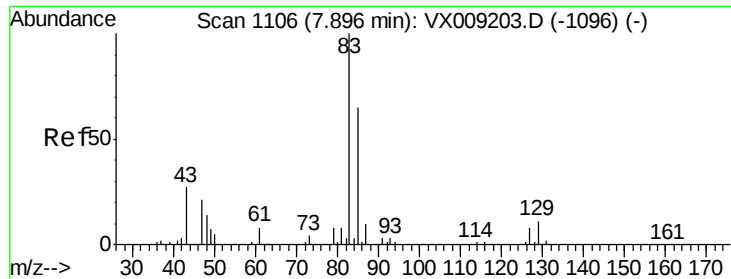
Tot Ion: 63 Resp: 125426
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.6



#46
 Dibromomethane
 Concen: 49.199 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 93 Resp: 70577
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.5 99.7
 174 106.7 82.1 123.1





#47

Bromodichloromethane

Concen: 52.023 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

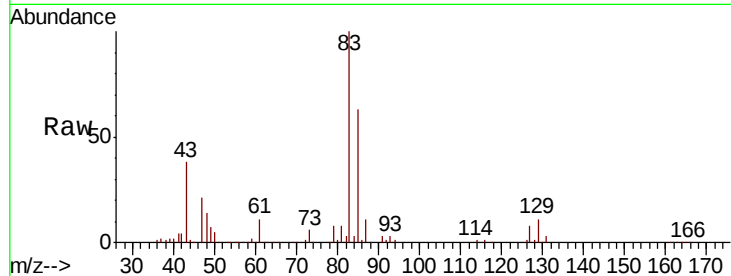
Tot Ion: 83 Resp: 148863

Ion Ratio Lower Upper

83 100

85 62.9 52.4 78.6

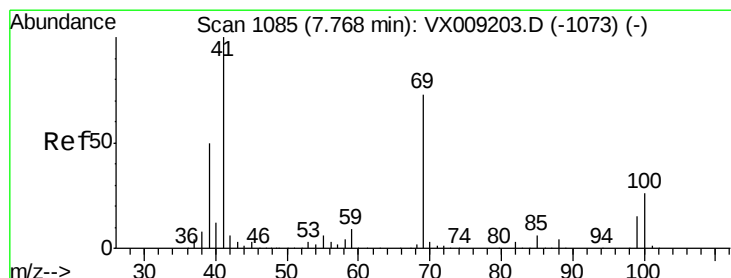
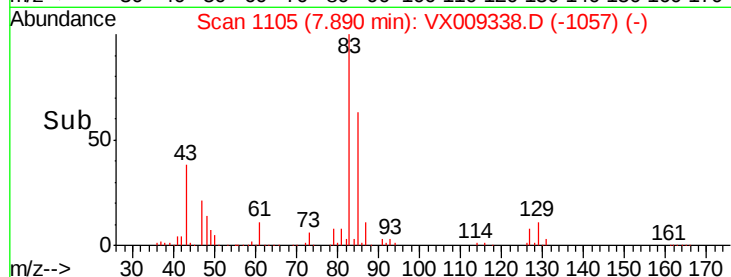
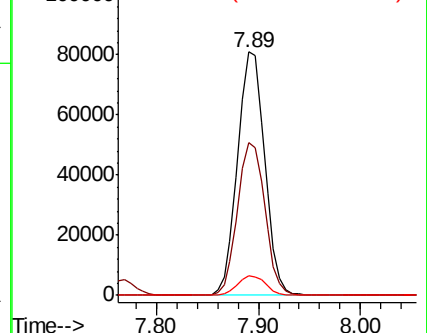
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.740 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

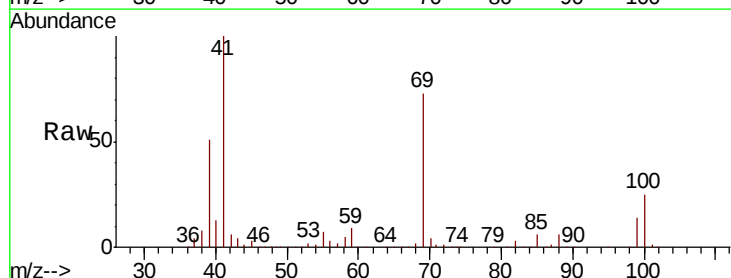
Tgt Ion: 41 Resp: 158149

Ion Ratio Lower Upper

41 100

69 73.2 59.1 88.7

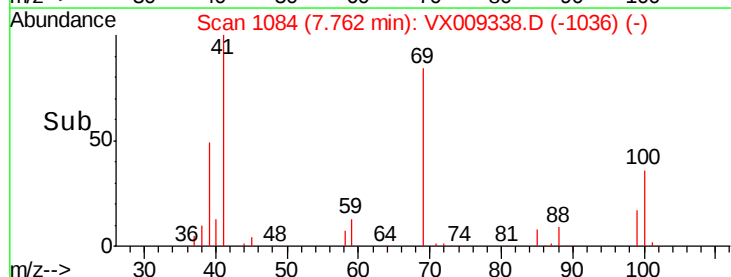
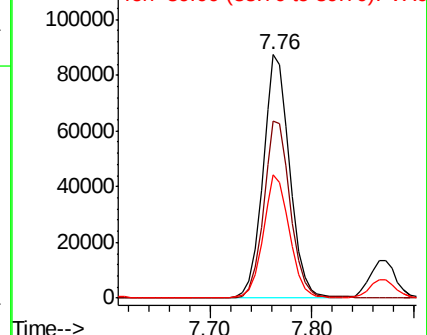
39 50.2 40.4 60.6

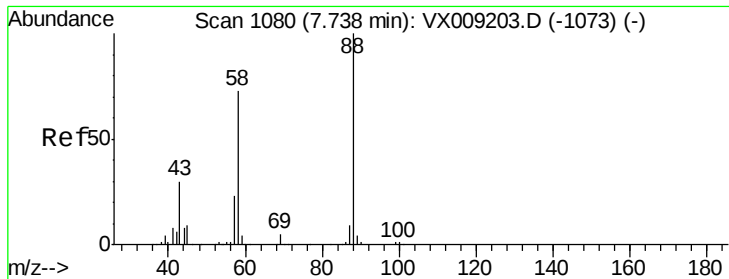


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

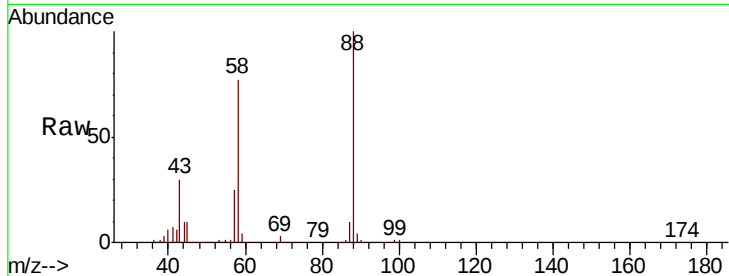




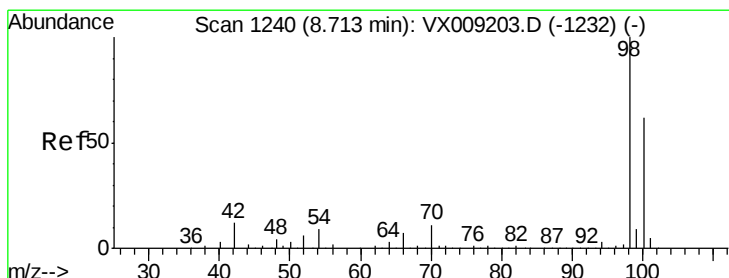
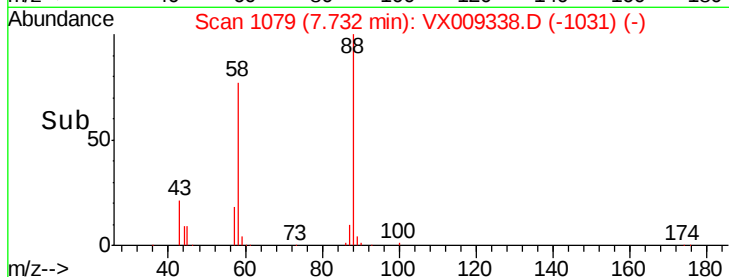
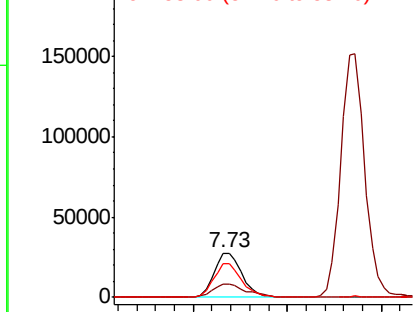
#49
1,4-Dioxane
Concen: 888.761 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 56178
Ion Ratio Lower Upper
88 100
43 35.6 28.6 42.8
58 78.2 61.7 92.5

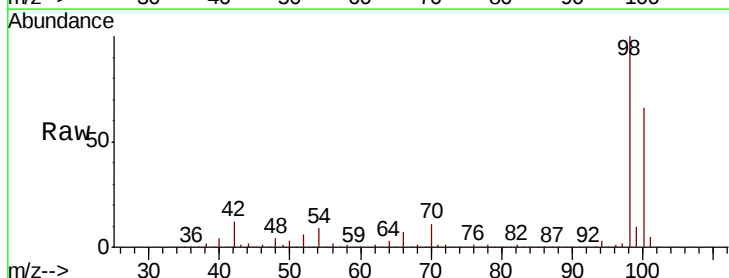


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

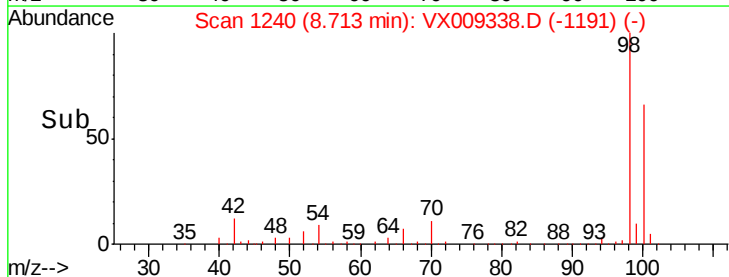
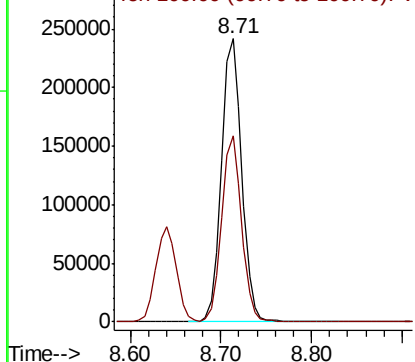


#50
Toluene-d8
Concen: 48.906 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion: 98 Resp: 376505
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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

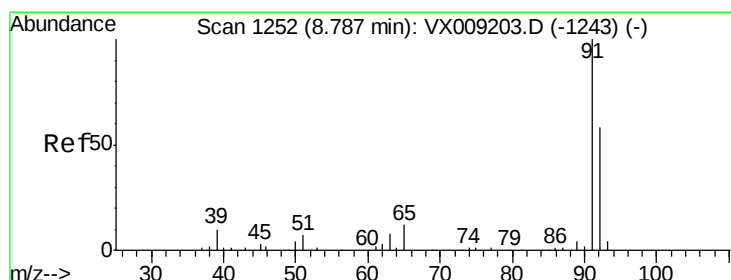
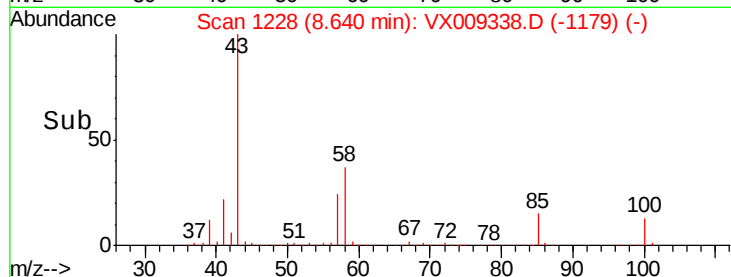
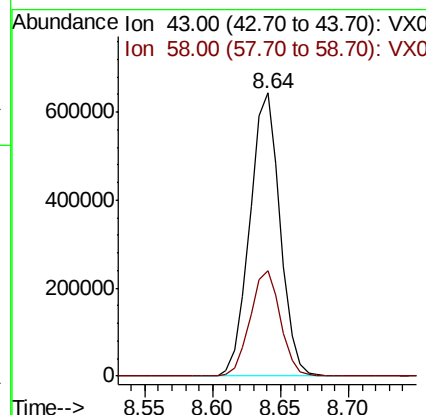
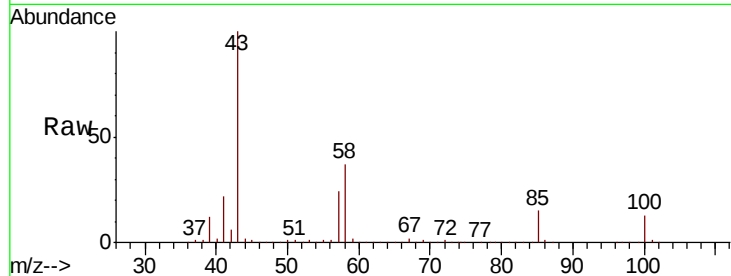




#51
 4-Methyl-2-Pentanone
 Concen: 244.752 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

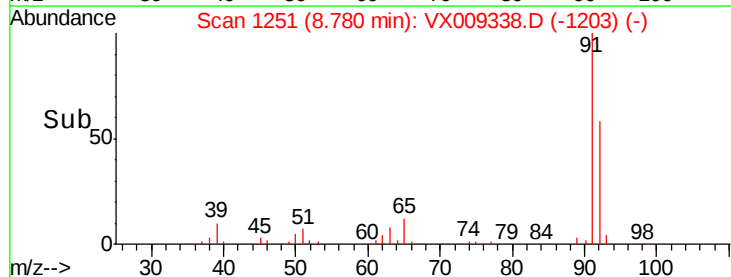
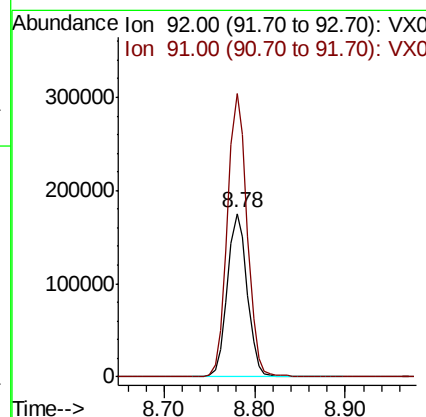
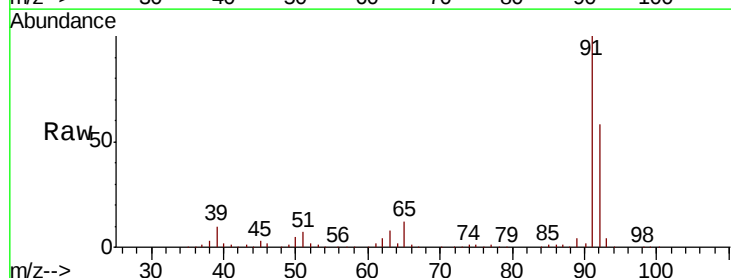
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

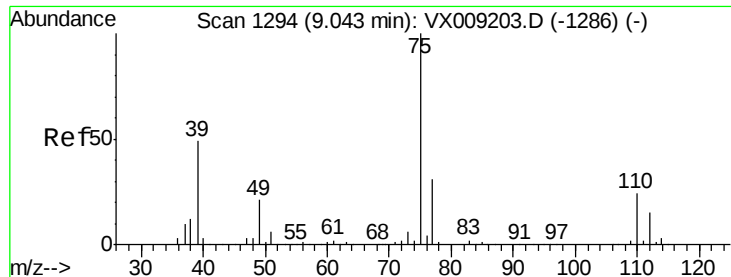
Tot Ion: 43 Resp: 1005029
 Ion Ratio Lower Upper
 43 100
 58 37.3 29.5 44.3



#52
 Toluene
 Concen: 50.763 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 92 Resp: 269203
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 53.855 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

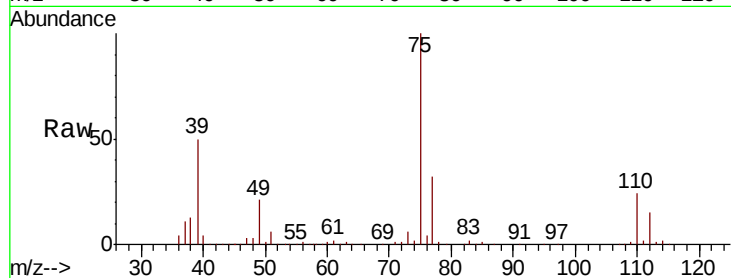
VSTDCCC050

Tot Ion: 75 Resp: 173988

Ion Ratio Lower Upper

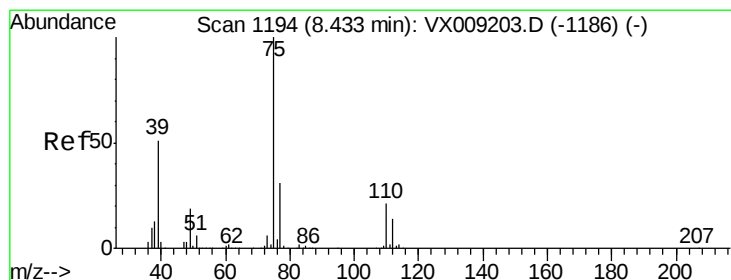
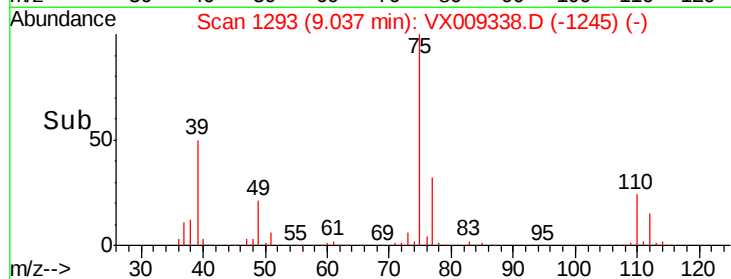
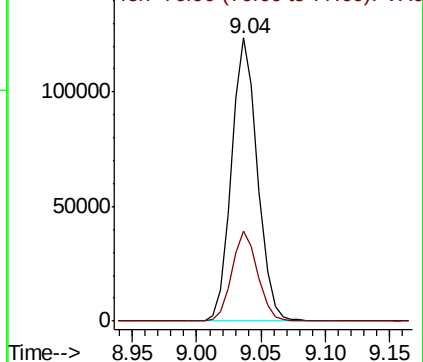
75 100

77 31.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.199 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

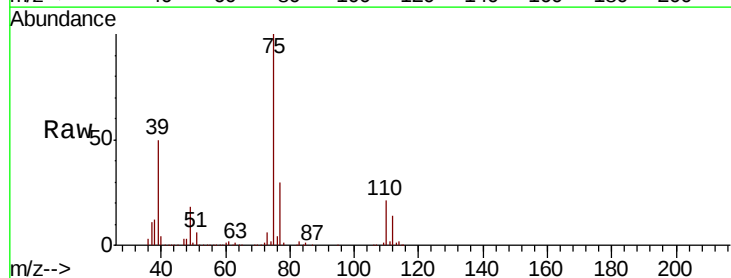
Tgt Ion: 75 Resp: 190231

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

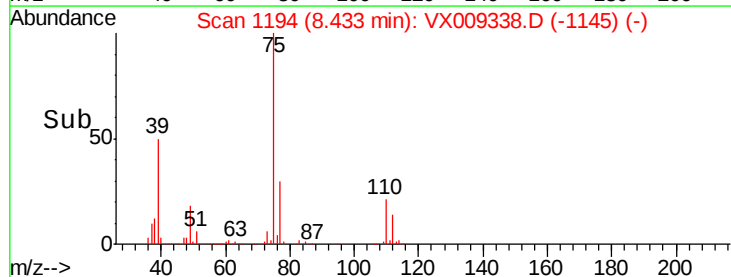
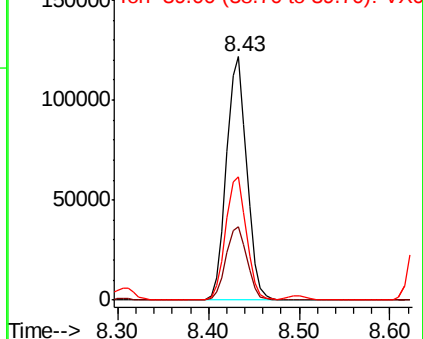
39 50.3 40.6 60.8

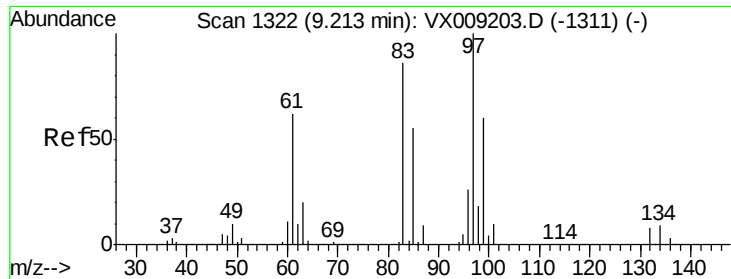


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

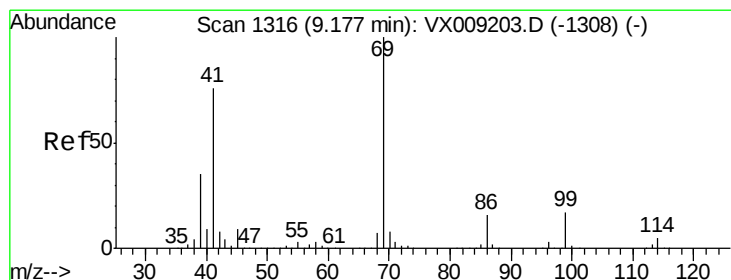
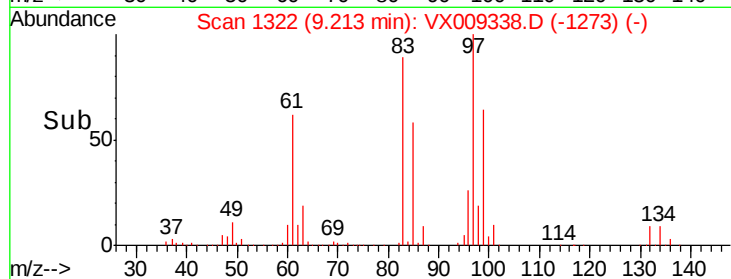
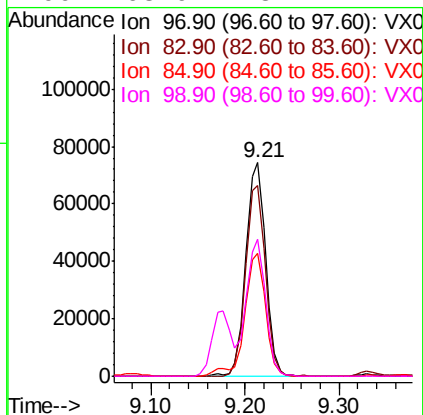
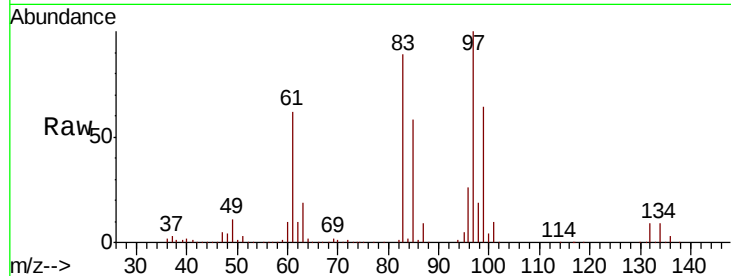




#55
 1,1,2-Trichloroethane
 Concen: 50.718 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

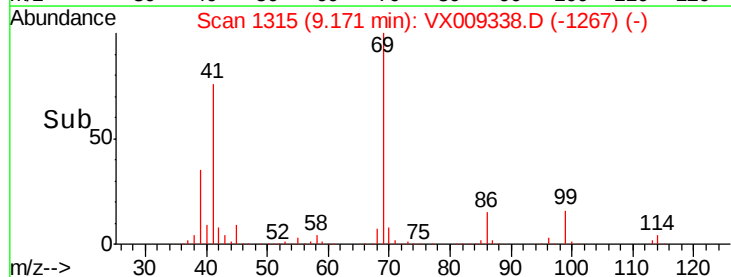
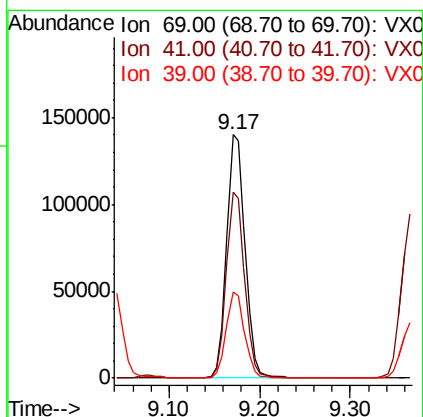
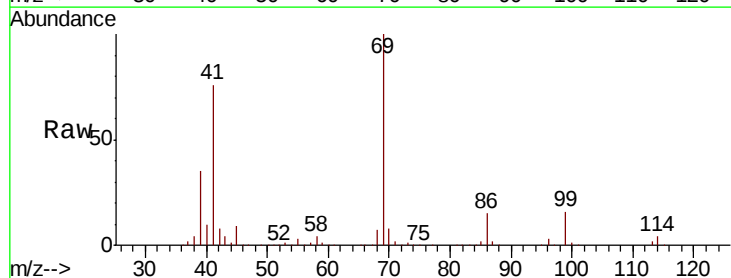
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

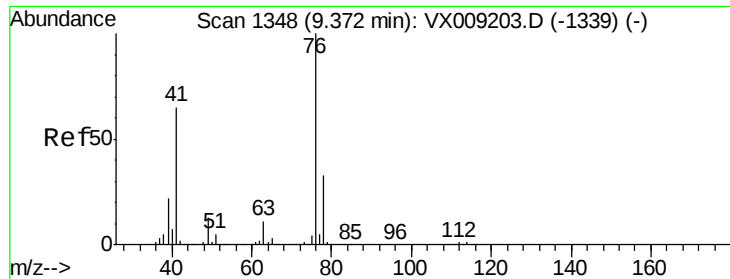
Tot Ion:	97	Resp:	109731
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.9	103.3
85	57.7	43.8	65.6
99	63.9	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 51.320 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion:	69	Resp:	198197
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.6	90.8
39	35.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.840 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

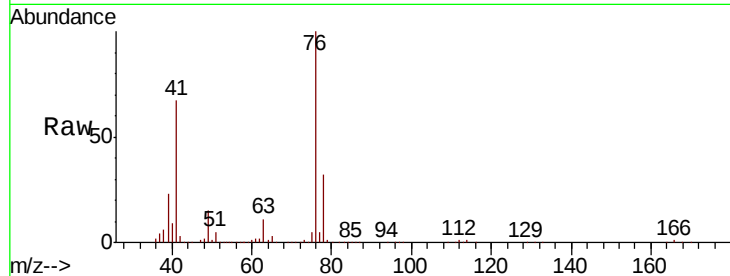
VSTDCCC050

Tot Ion: 76 Resp: 193560

Ion Ratio Lower Upper

76 100

78 31.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

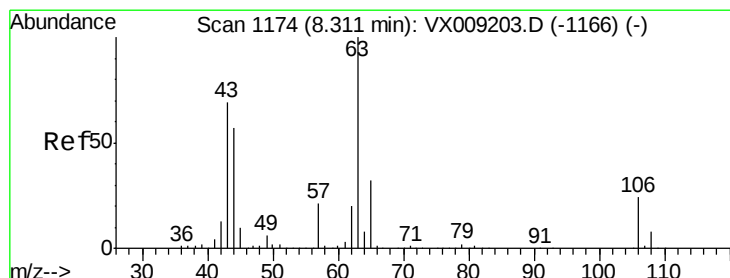
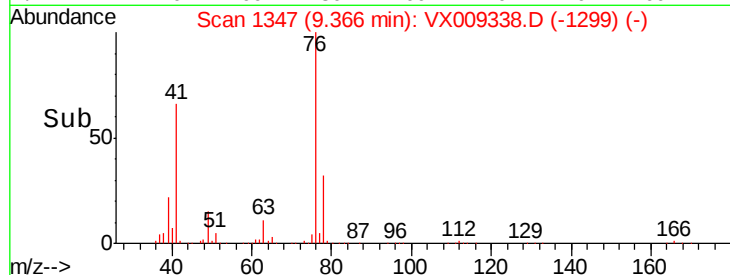
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.674 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX009338.D

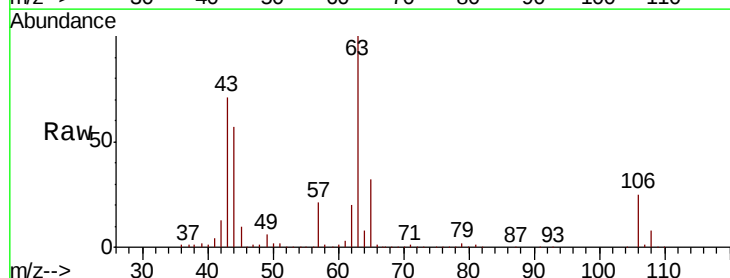
Acq: 06 May 2019 09:55

Tgt Ion: 63 Resp: 499237

Ion Ratio Lower Upper

63 100

106 25.0 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

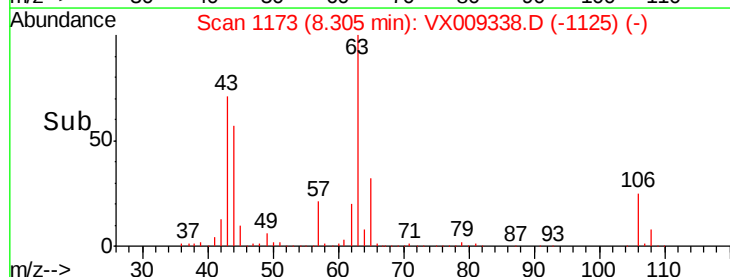
200000

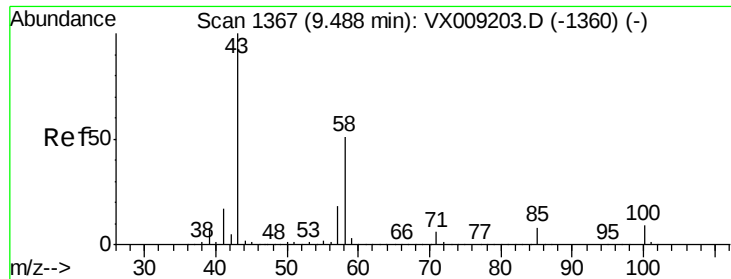
100000

0

8.20 8.30 8.40

Time-->

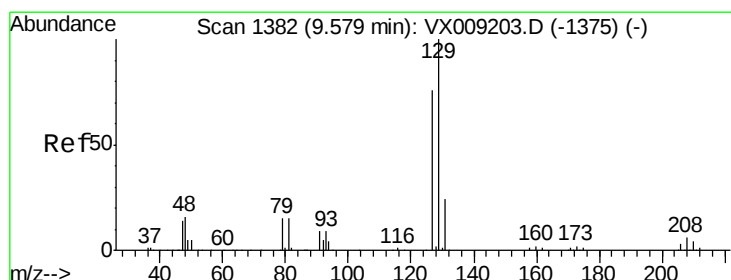
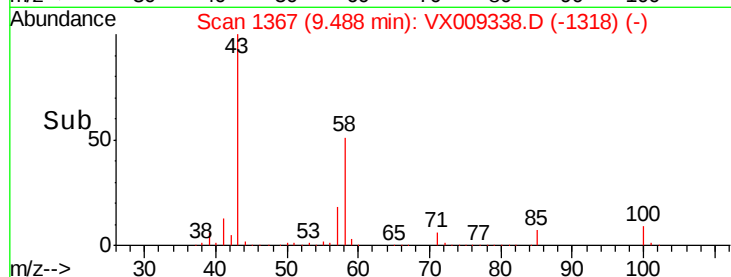
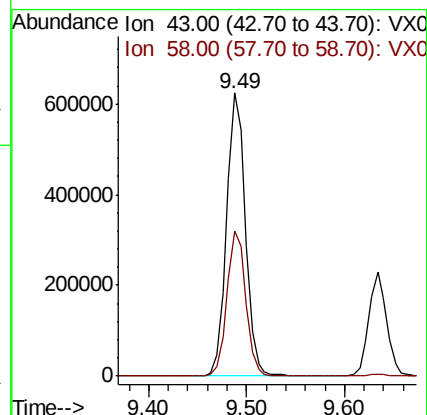
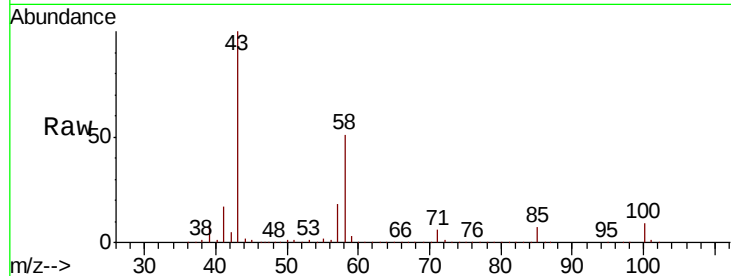




#59
2-Hexanone
Concen: 258.944 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

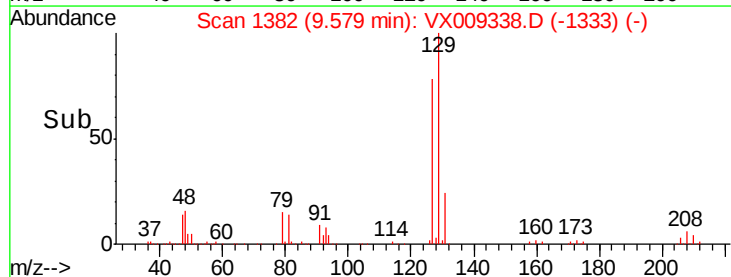
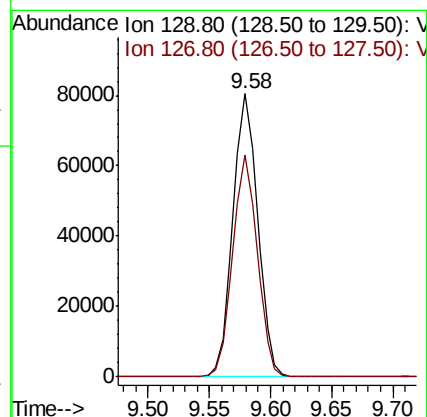
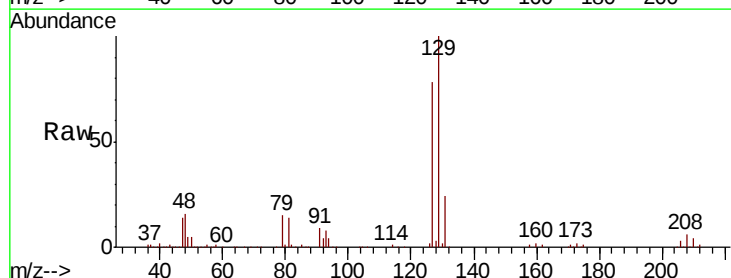
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

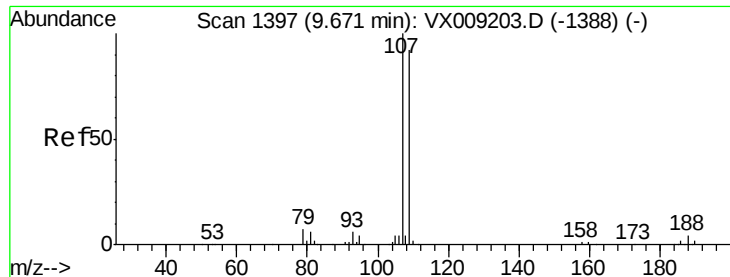
Tot Ion: 43 Resp: 835106
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 53.586 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion:129 Resp: 113232
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.944 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

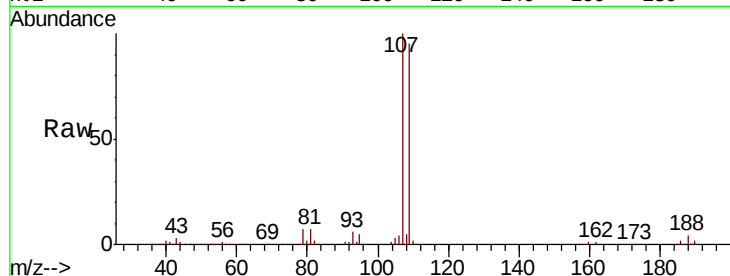
VSTDCCC050

Tot Ion:107 Resp: 111259

Ion Ratio Lower Upper

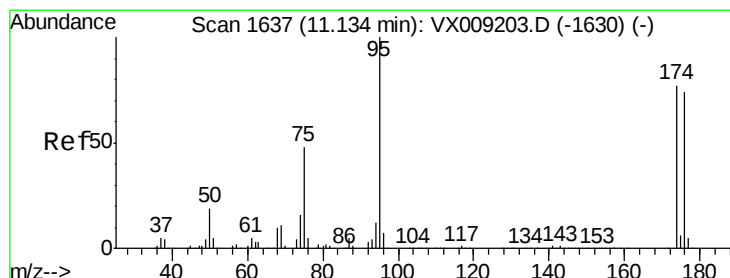
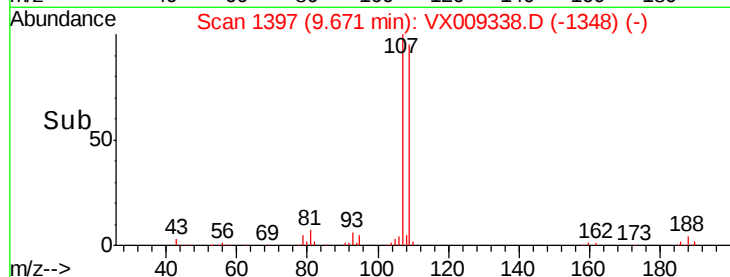
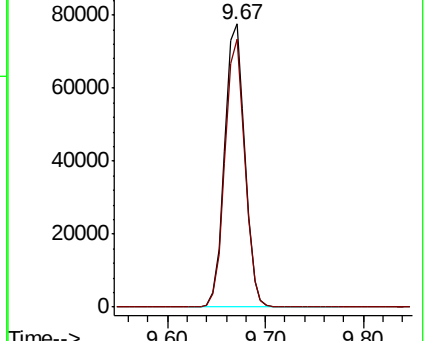
107 100

109 93.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.372 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

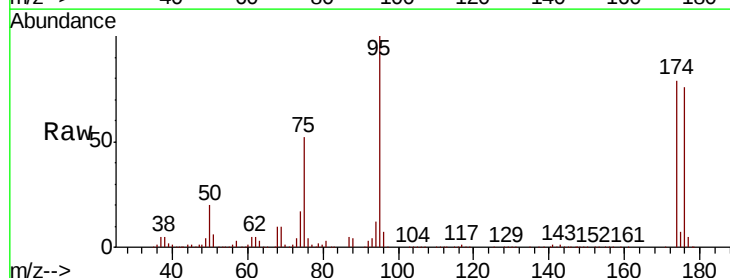
Tgt Ion: 95 Resp: 138112

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

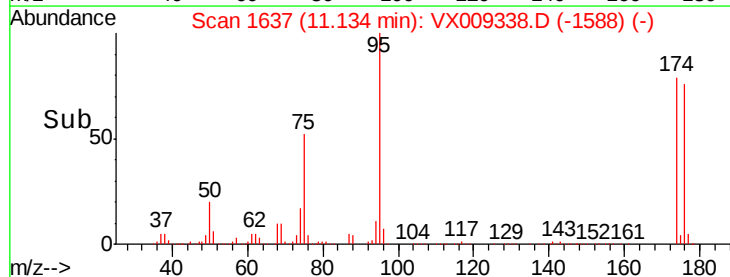
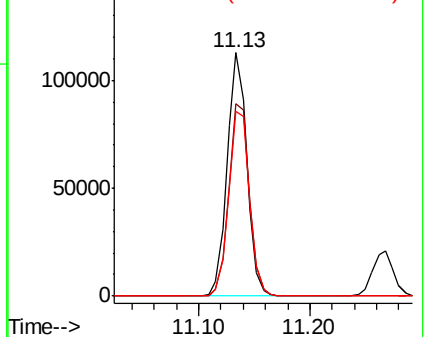
176 80.1 0.0 159.2

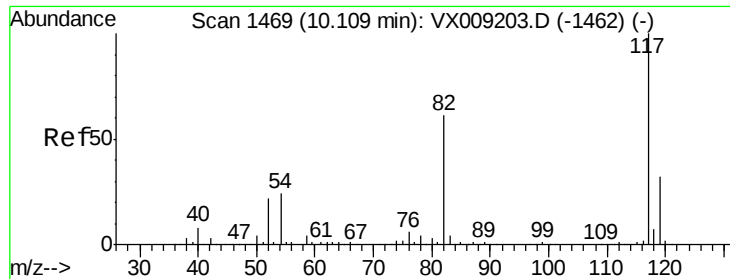


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

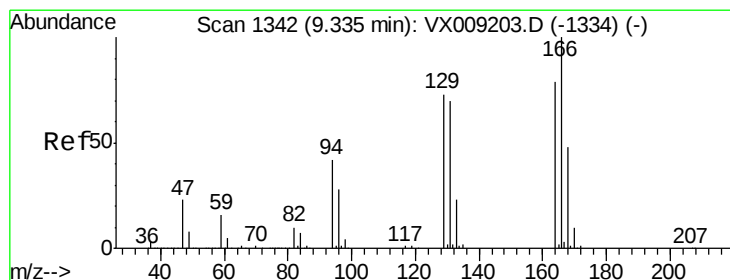
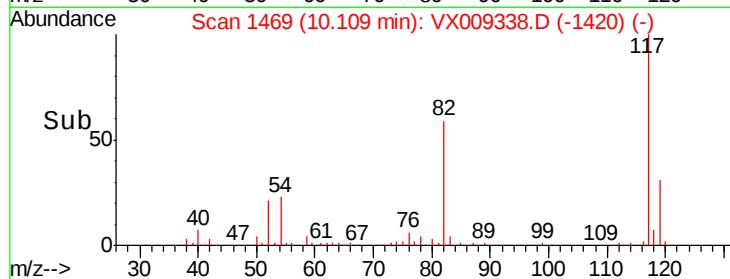
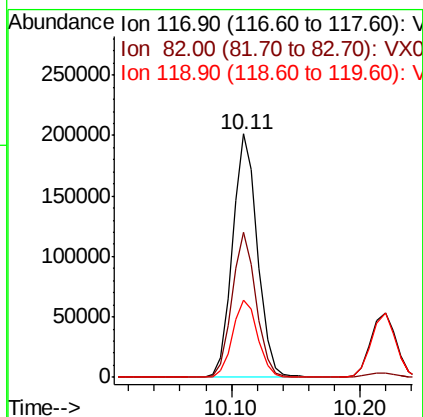
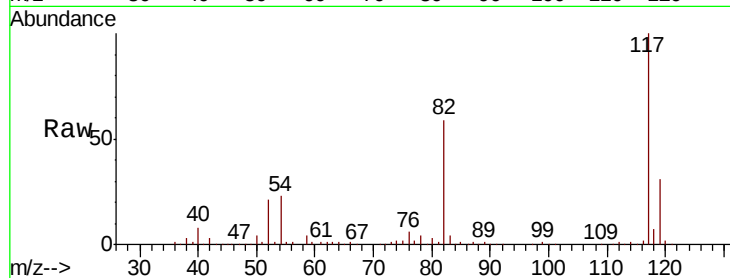




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

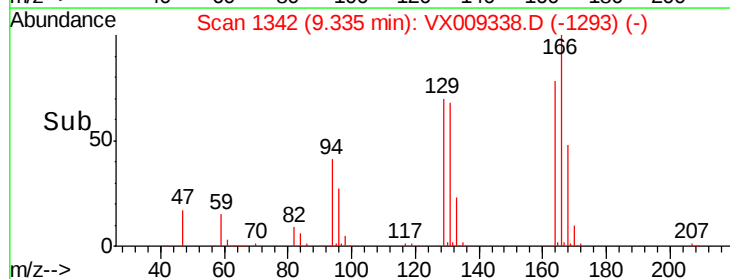
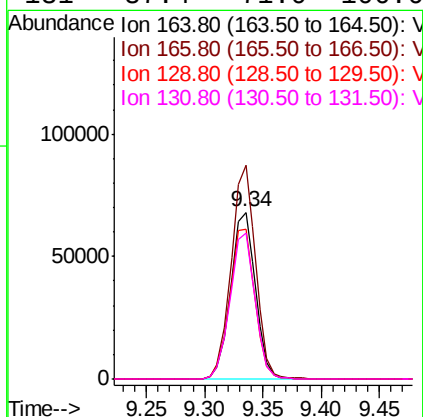
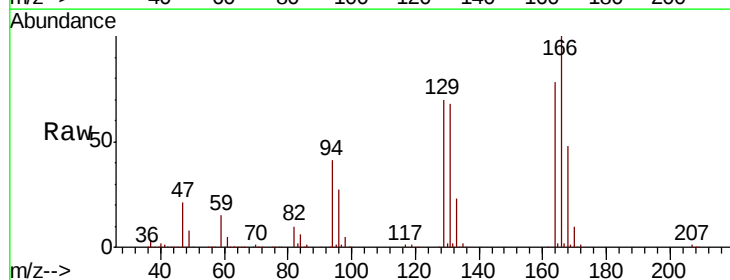
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

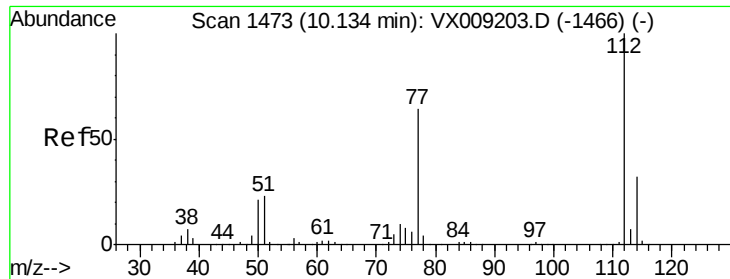
Tot Ion:117 Resp: 271298
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 54.229 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion:164 Resp: 100919
Ion Ratio Lower Upper
164 100
166 128.0 101.2 151.8
129 89.6 74.3 111.5
131 87.4 71.0 106.6

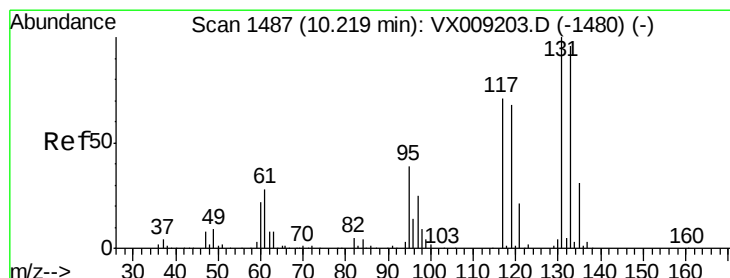
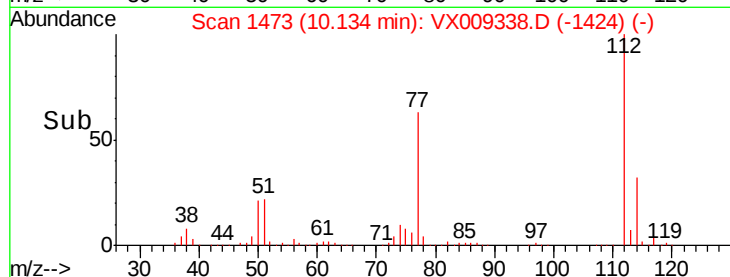
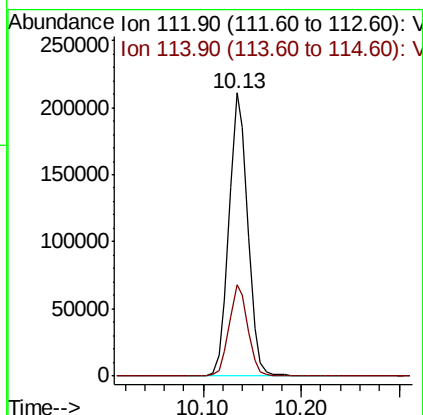
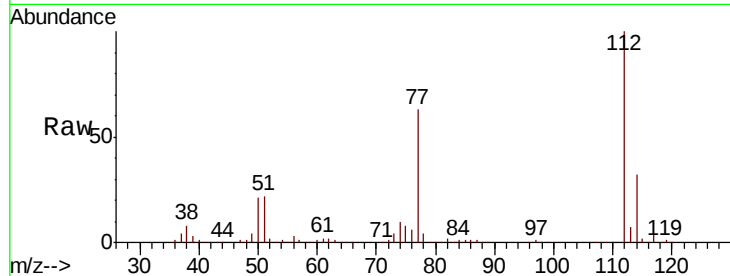




#65
Chlorobenzene
Concen: 51.903 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

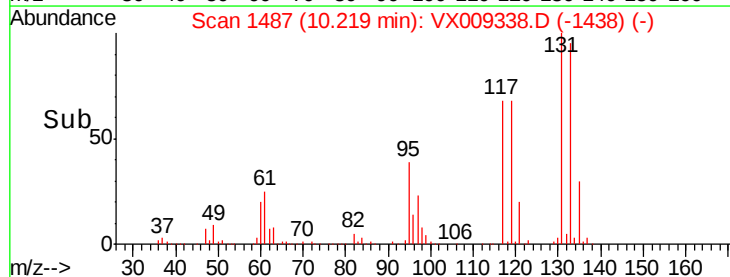
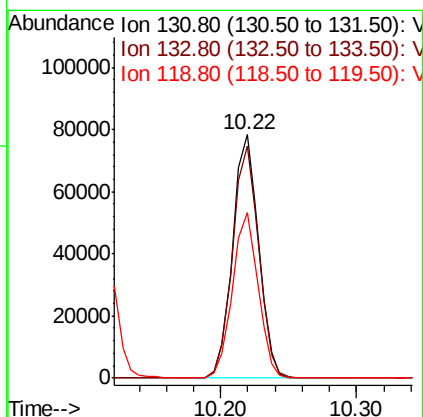
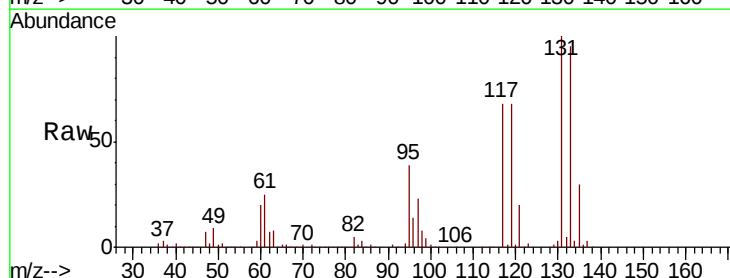
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

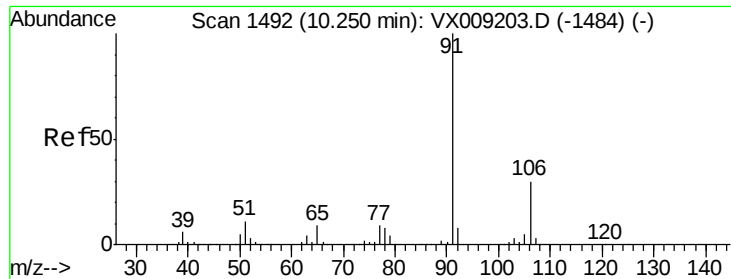
Tot Ion:112 Resp: 281688
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.975 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion:131 Resp: 104233
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 67.4 33.5 100.4

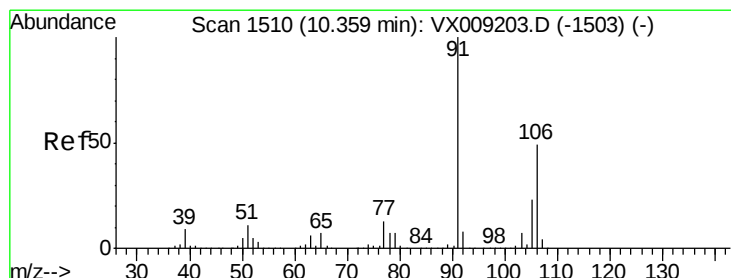
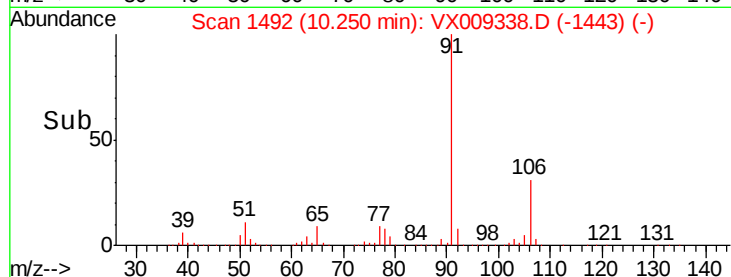
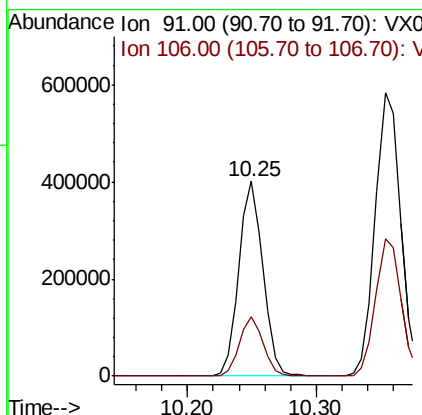
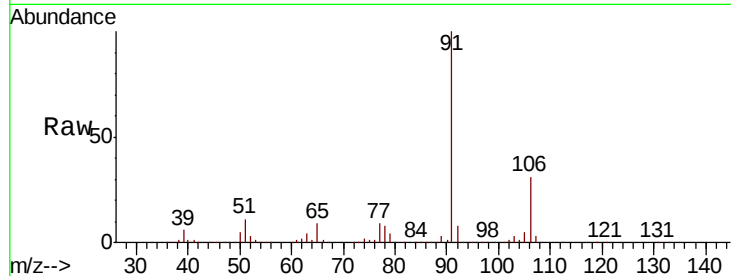




#67
Ethyl Benzene
Concen: 52.162 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

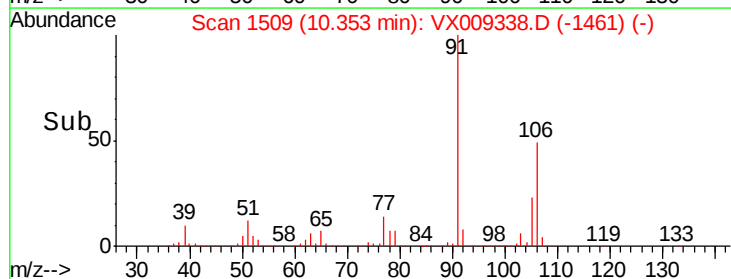
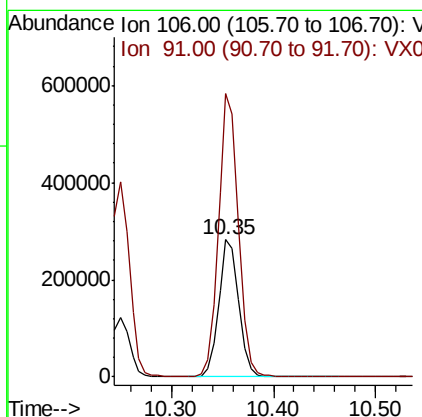
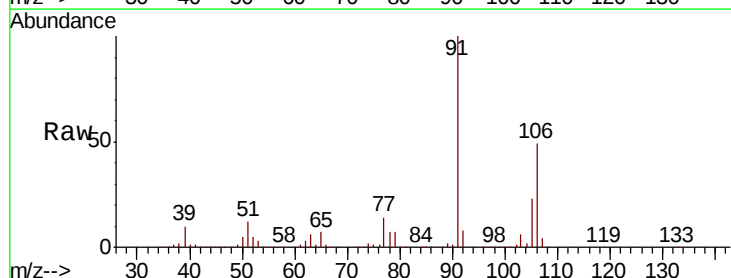
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

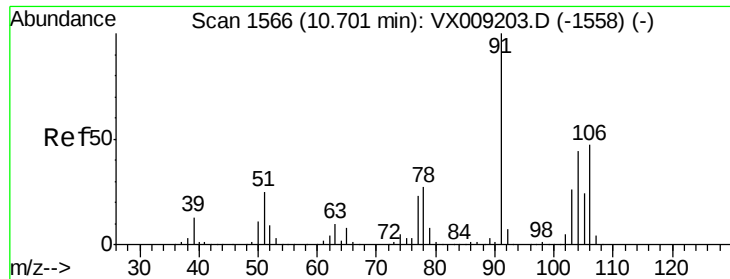
Tot Ion: 91 Resp: 520997
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 105.941 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion: 106 Resp: 386682
Ion Ratio Lower Upper
106 100
91 205.9 164.0 246.0

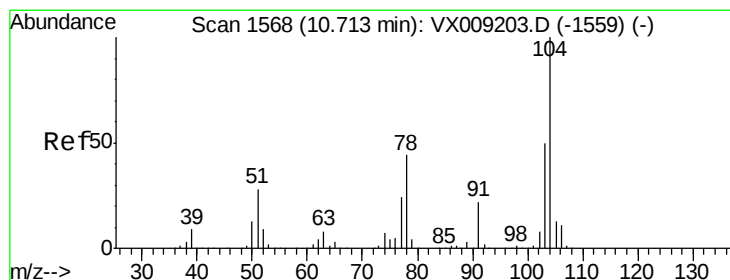
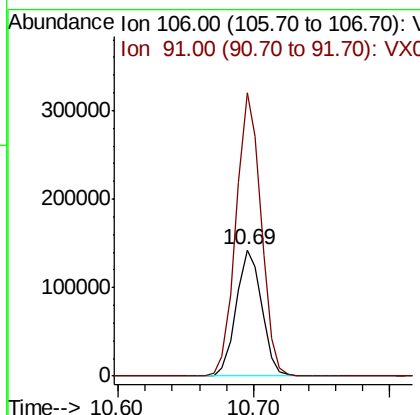
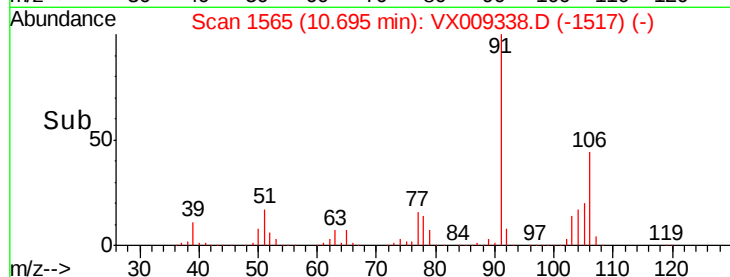
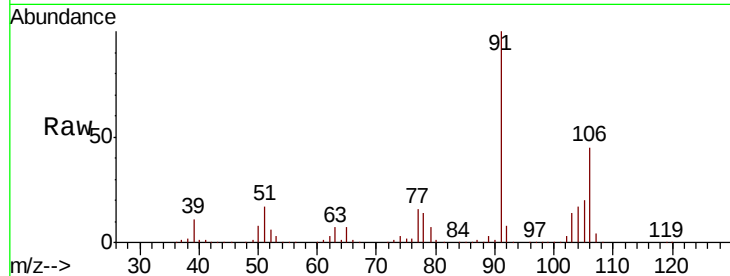




#69
o-Xylene
Concen: 51.667 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

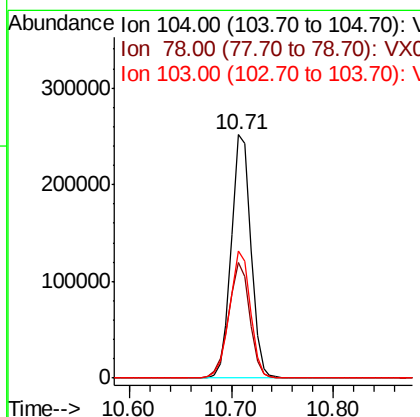
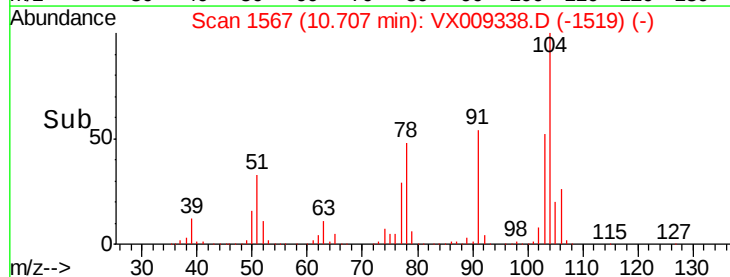
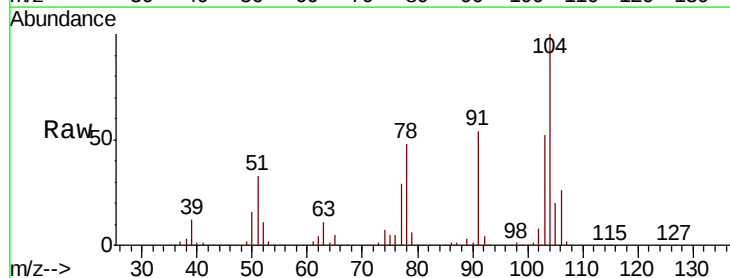
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

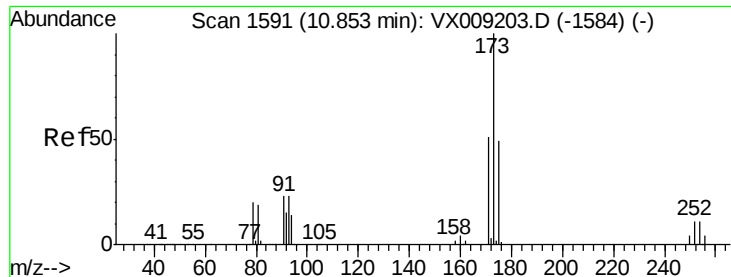
Tot Ion:106 Resp: 186066
Ion Ratio Lower Upper
106 100
91 220.4 109.5 328.4



#70
Styrene
Concen: 53.133 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion:104 Resp: 332570
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.4
103 55.3 43.8 65.6





#71

Bromoform

Concen: 54.866 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

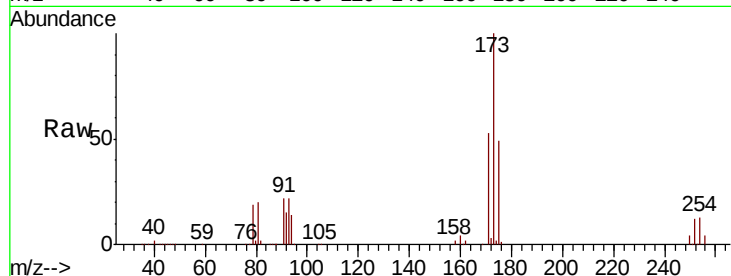
Tot Ion:173 Resp: 87729

Ion Ratio Lower Upper

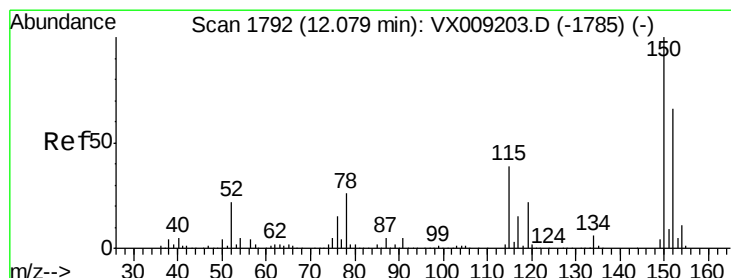
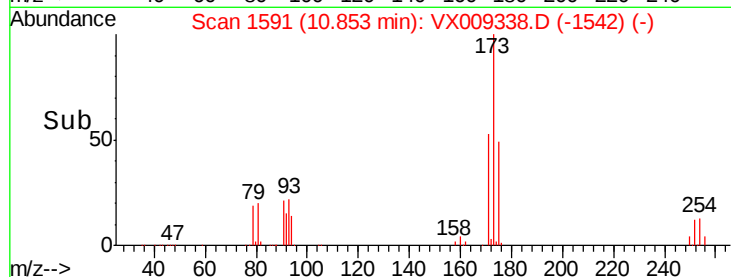
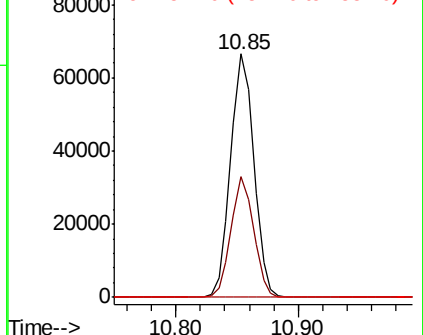
173 100

175 48.3 24.5 73.5

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

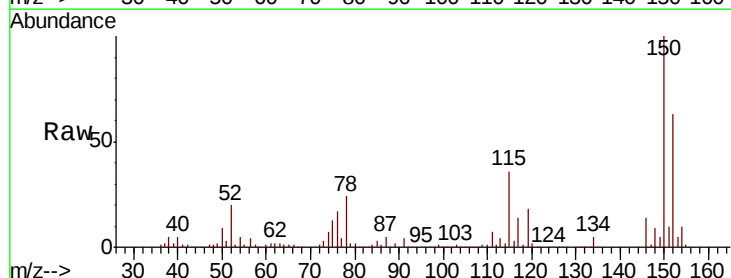
Tgt Ion:152 Resp: 137522

Ion Ratio Lower Upper

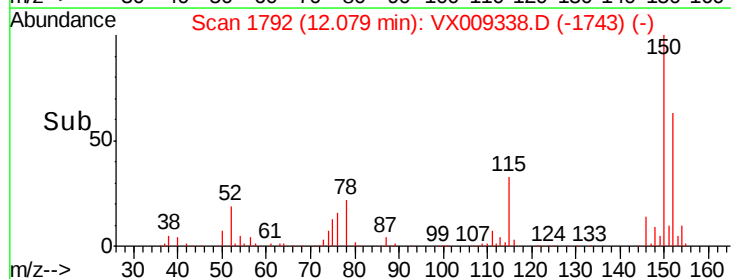
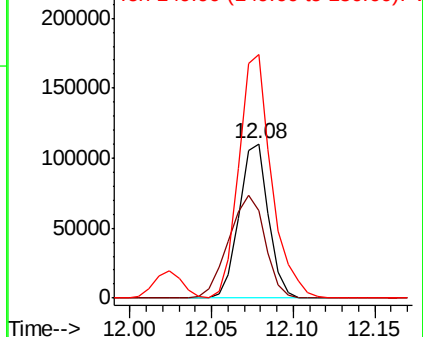
152 100

115 83.2 41.2 123.6

150 176.3 0.0 346.4



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





#73

Isopropylbenzene

Concen: 51.040 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

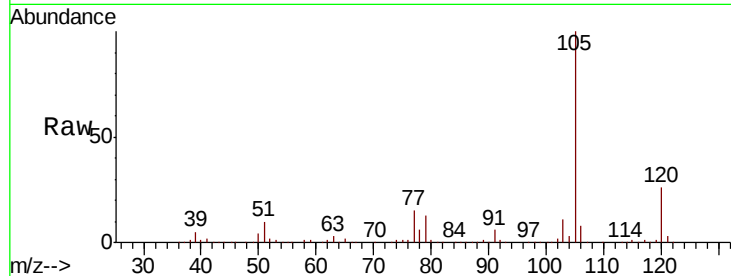
VSTDCCC050

Tot Ion:105 Resp: 510423

Ion Ratio Lower Upper

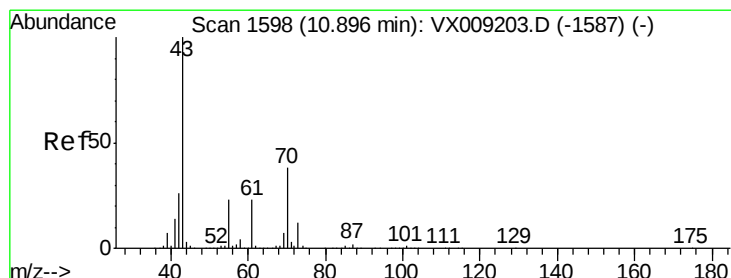
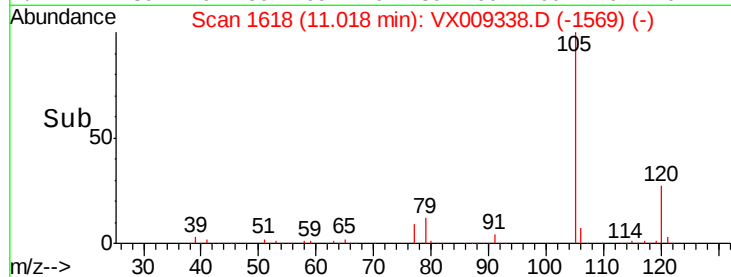
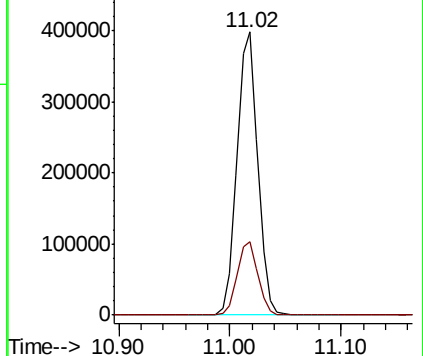
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.098 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Tgt Ion: 43 Resp: 292087

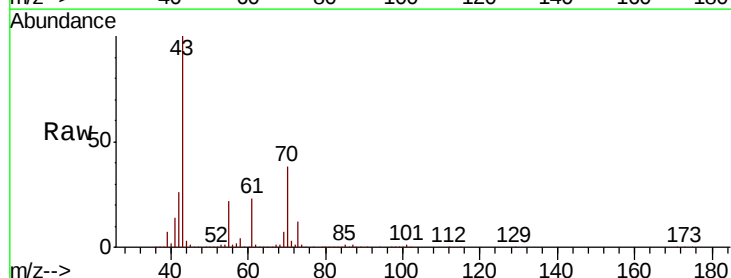
Ion Ratio Lower Upper

43 100

70 37.9 30.0 45.0

55 22.7 17.9 26.9

61 22.8 18.4 27.6

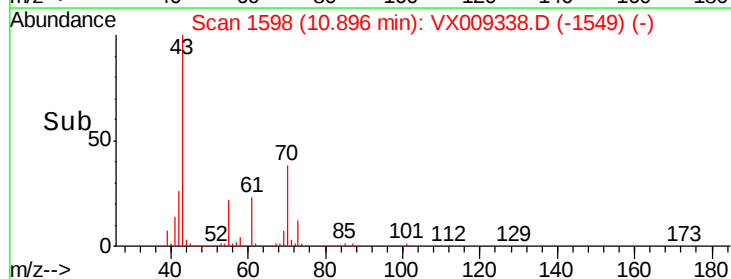
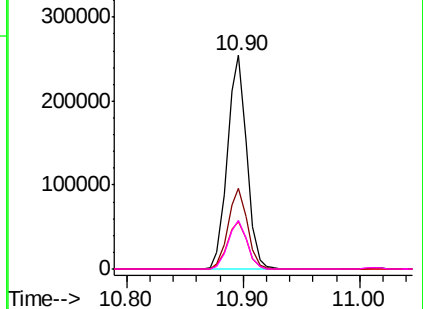


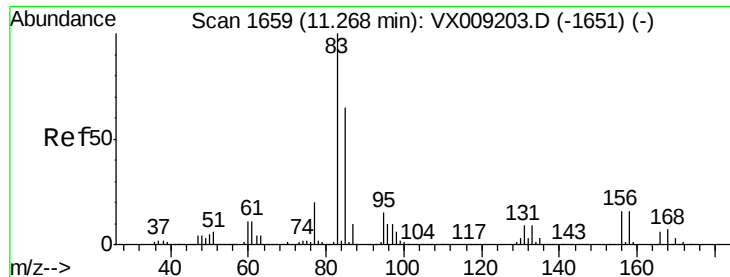
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.116 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

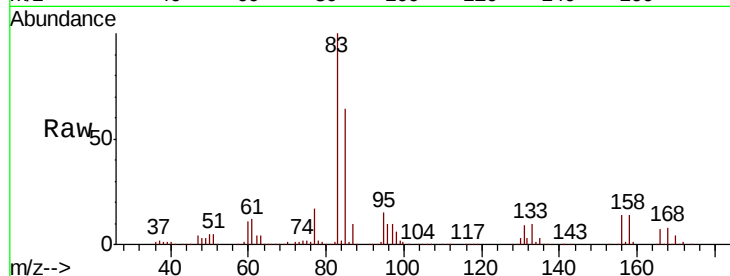
Tot Ion: 83 Resp: 183107

Ion Ratio Lower Upper

83 100

131 9.3 4.6 13.8

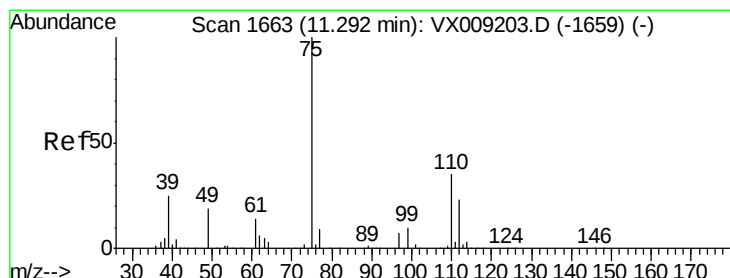
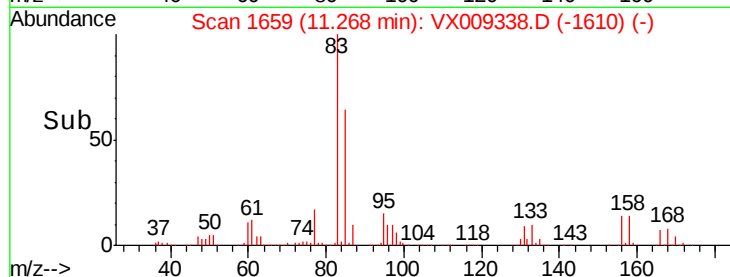
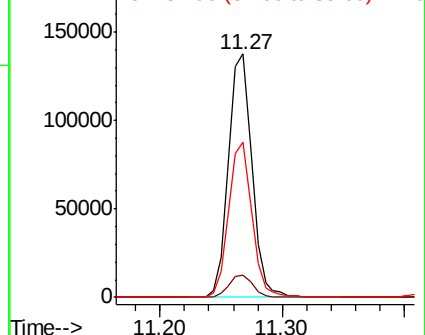
85 63.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX009338.D (-1651) (-)

Ion 130.80 (130.50 to 131.50): VX009338.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX009338.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 67.749 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009338.D

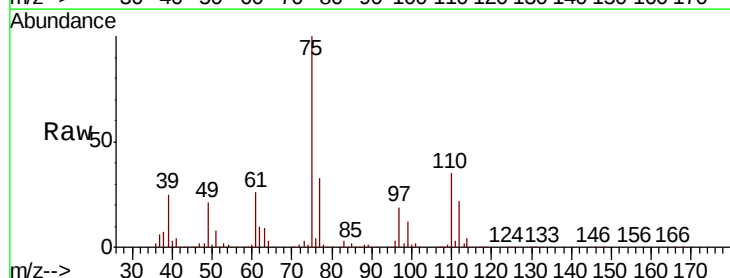
Acq: 06 May 2019 09:55

Tgt Ion: 75 Resp: 216119

Ion Ratio Lower Upper

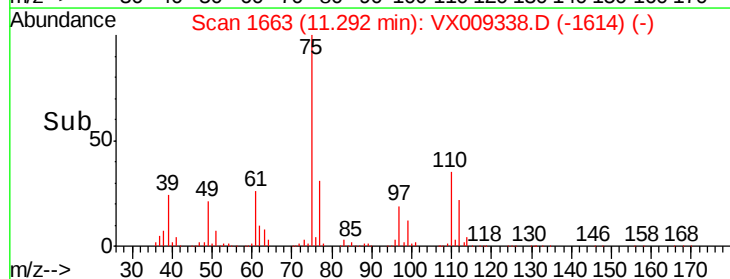
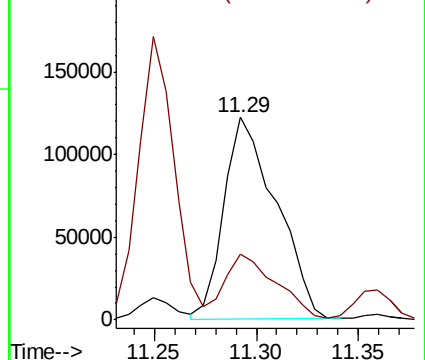
75 100

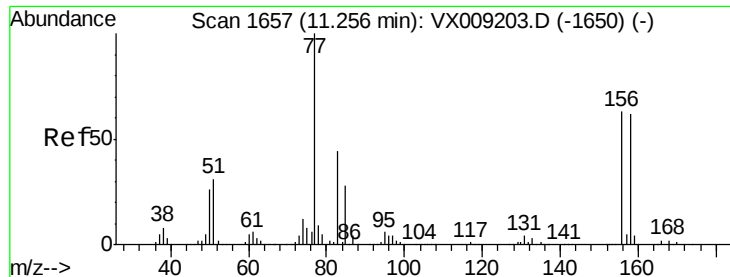
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX009338.D (-1614) (-)

Ion 77.00 (76.70 to 77.70): VX009338.D (-1614) (-)





#77

Bromobenzene

Concen: 50.102 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

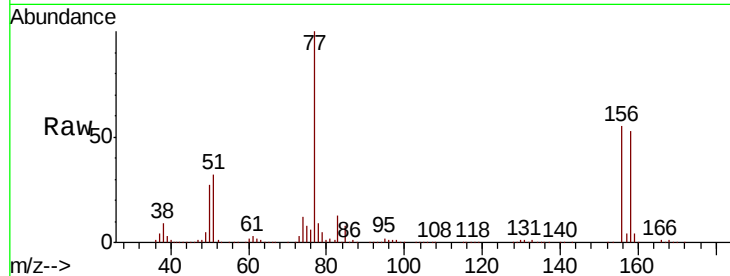
Tot Ion:156 Resp: 124362

Ion Ratio Lower Upper

156 100

77 168.5 84.8 254.3

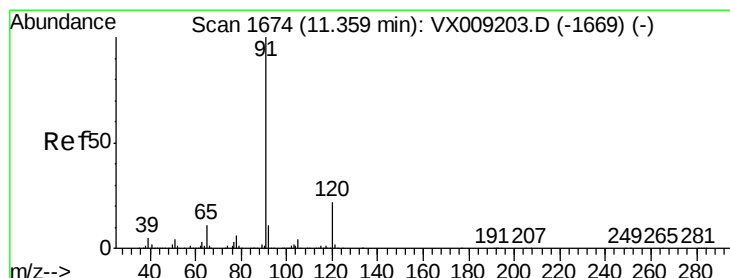
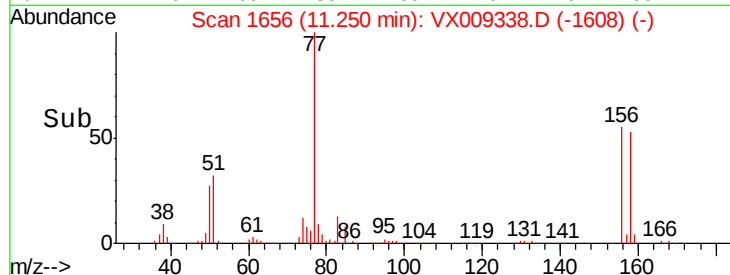
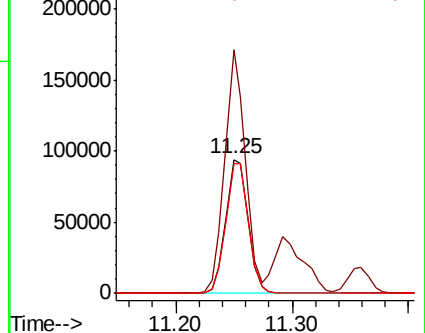
158 97.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.729 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009338.D

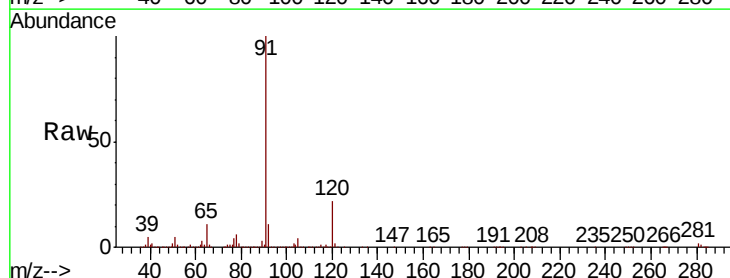
Acq: 06 May 2019 09:55

Tgt Ion: 91 Resp: 590797

Ion Ratio Lower Upper

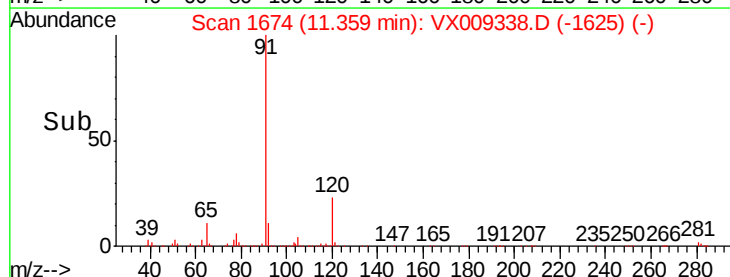
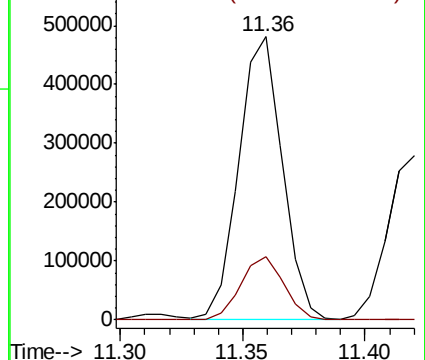
91 100

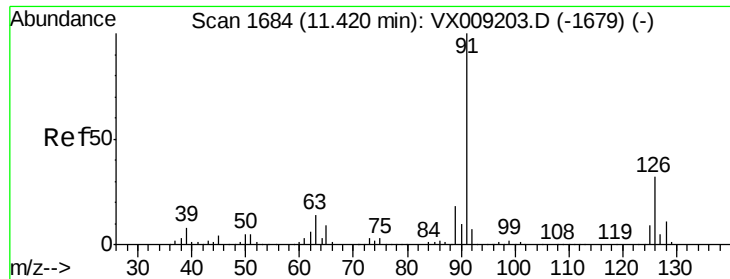
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

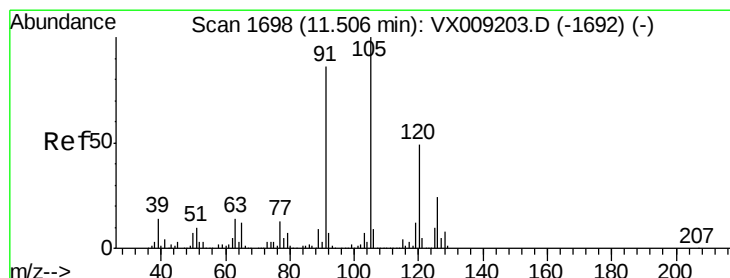
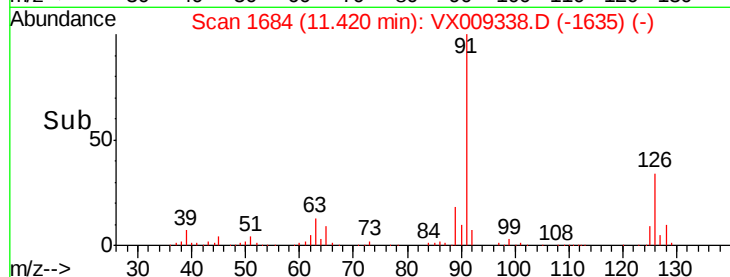
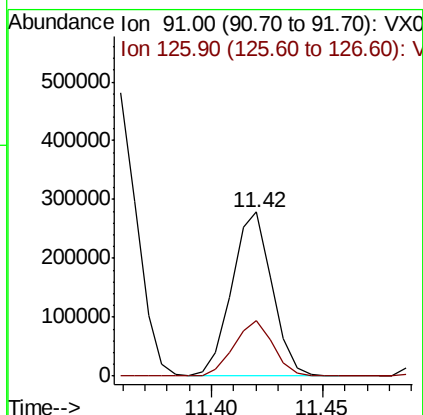
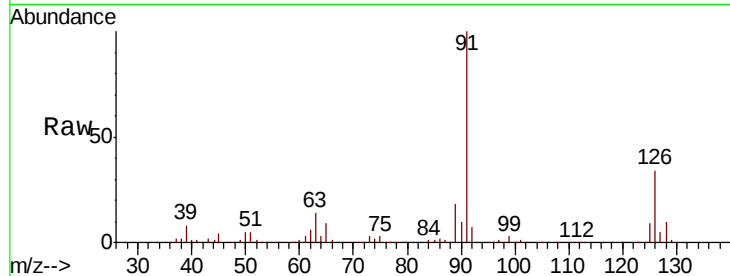




#79
 2-Chlorotoluene
 Concen: 49.619 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

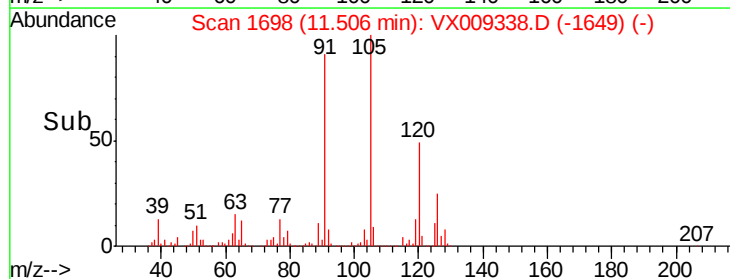
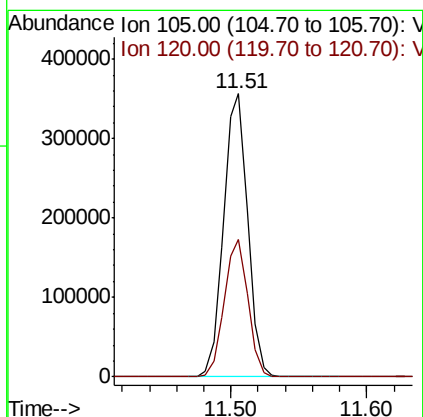
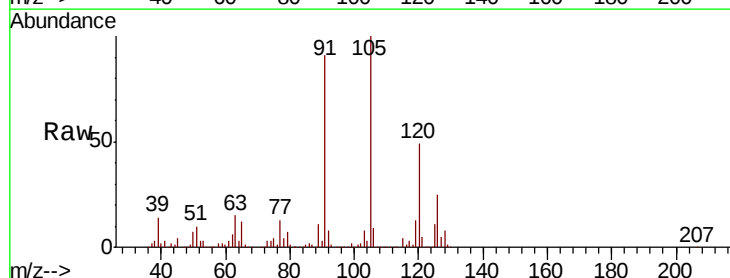
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

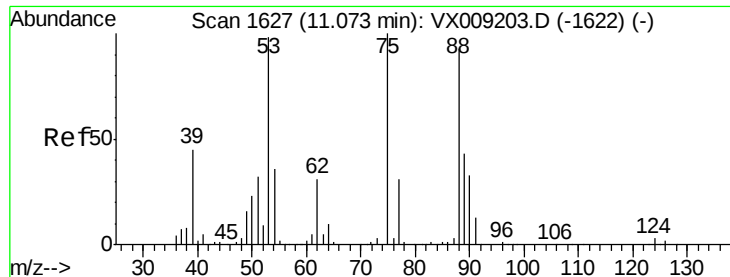
Tot Ion: 91 Resp: 349624
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.662 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 105 Resp: 435013
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.044 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

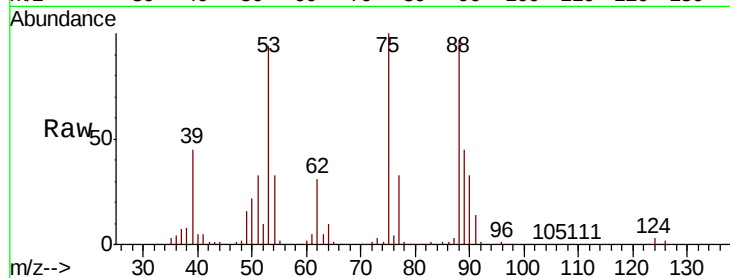
Tot Ion: 75 Resp: 64887

Ion Ratio Lower Upper

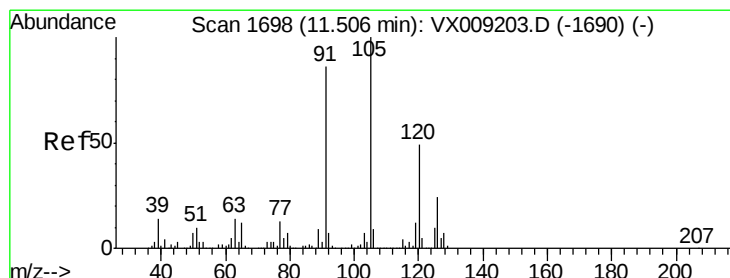
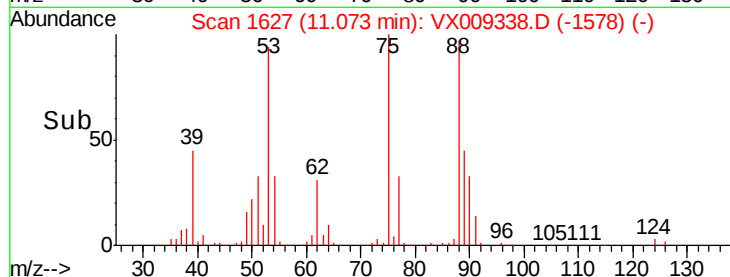
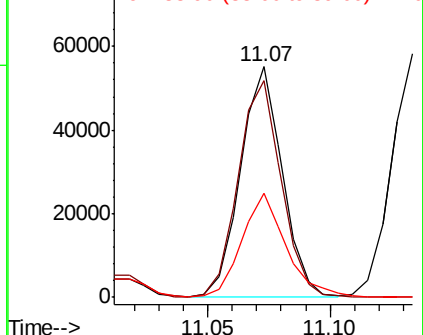
75 100

53 97.4 79.0 118.6

89 48.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.516 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009338.D

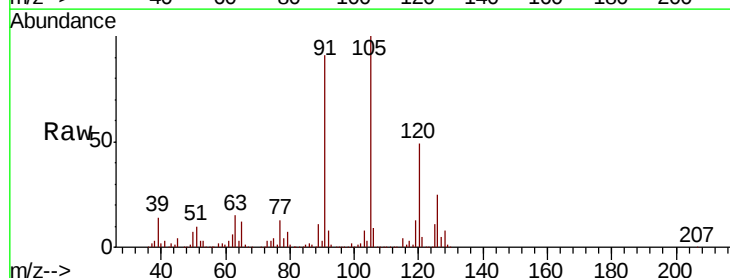
Acq: 06 May 2019 09:55

Tgt Ion: 91 Resp: 410078

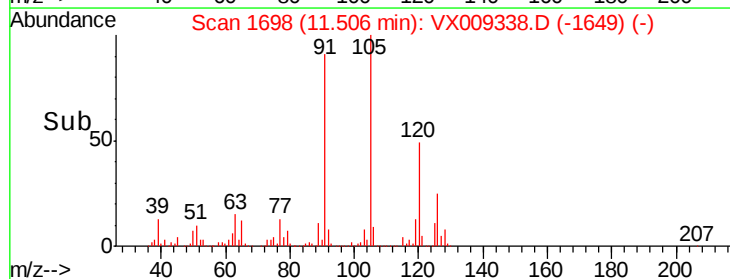
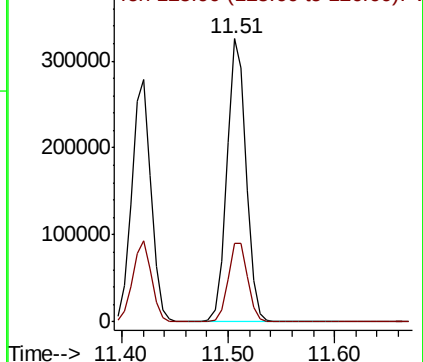
Ion Ratio Lower Upper

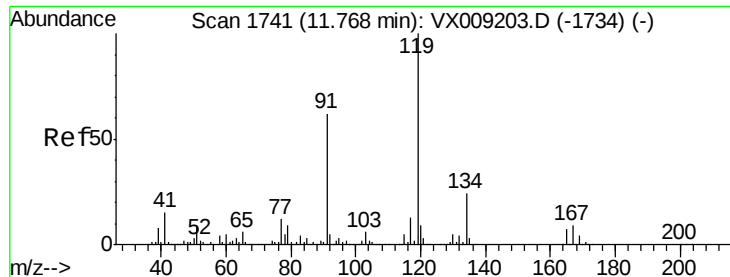
91 100

126 28.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

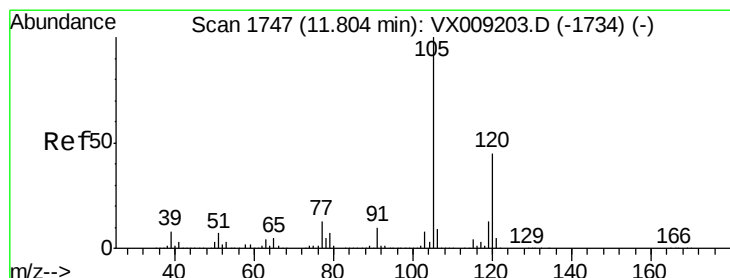
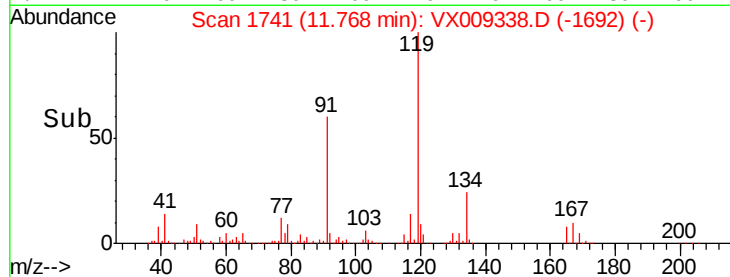
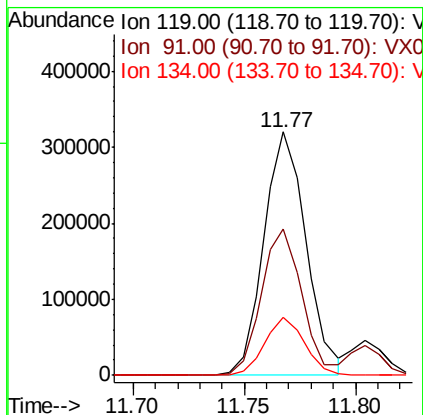
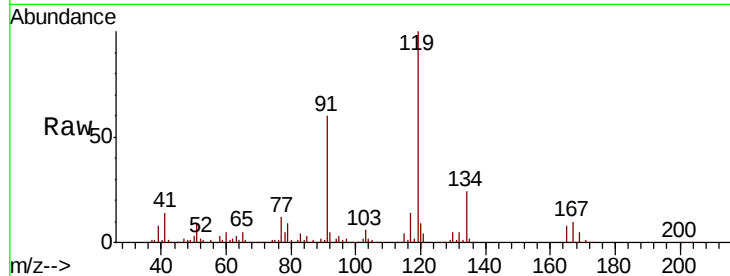




#83
 tert-Butylbenzene
 Concen: 51.511 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

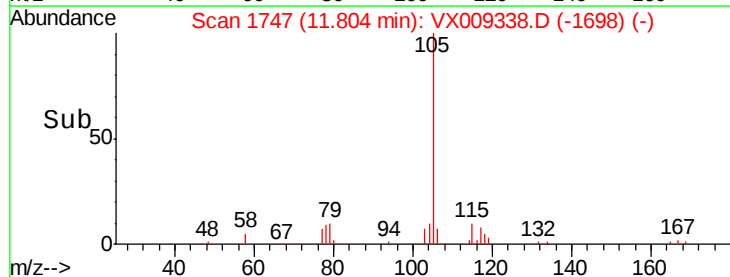
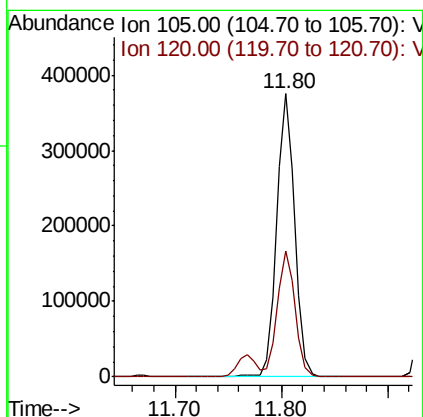
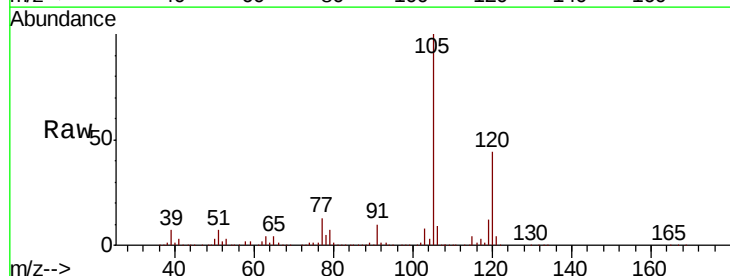
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

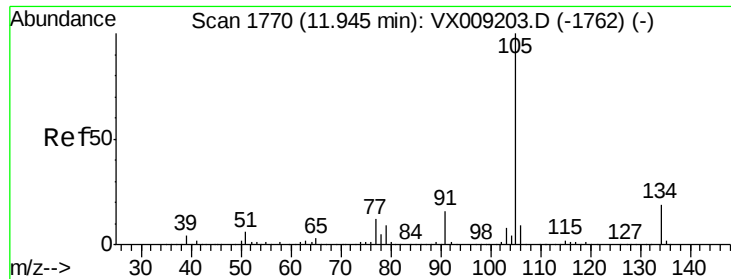
Tot Ion:119 Resp: 421939
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.116 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion:105 Resp: 440479
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.233 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

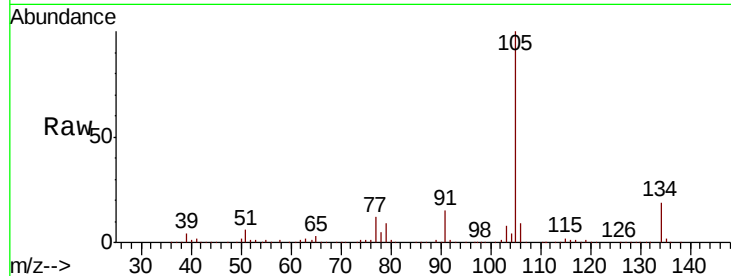
VSTDCCC050

Tot Ion:105 Resp: 507257

Ion Ratio Lower Upper

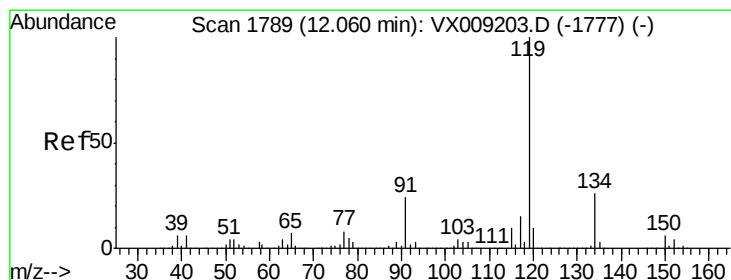
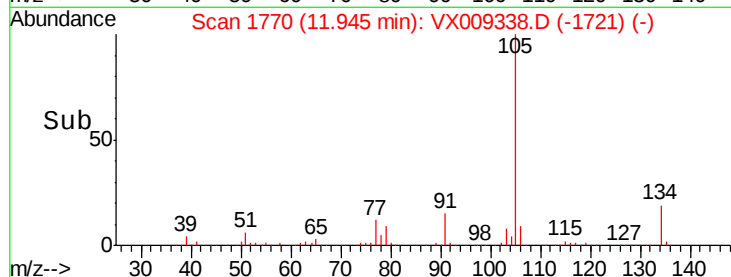
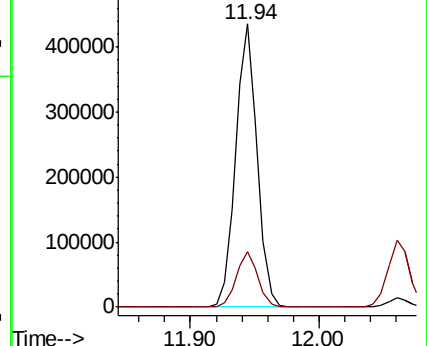
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.502 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

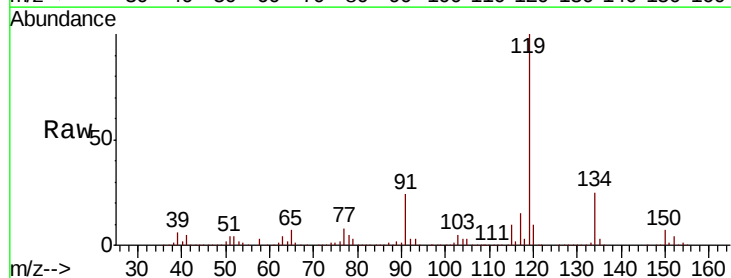
Tgt Ion:119 Resp: 467098

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

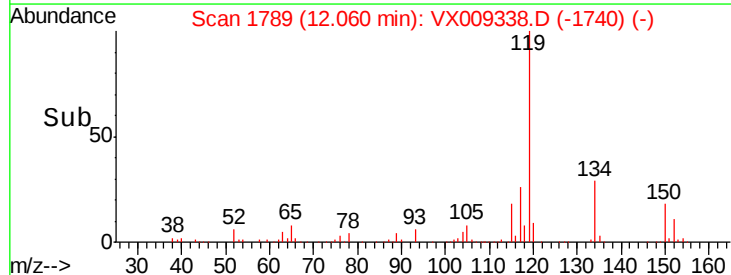
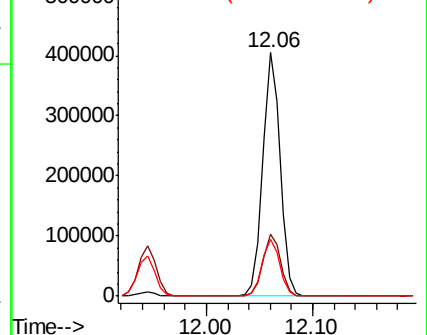
91 23.6 11.8 35.4

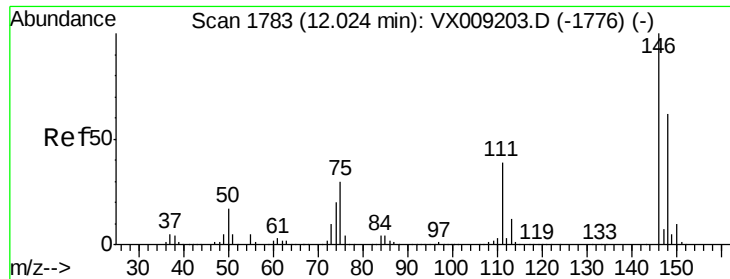


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

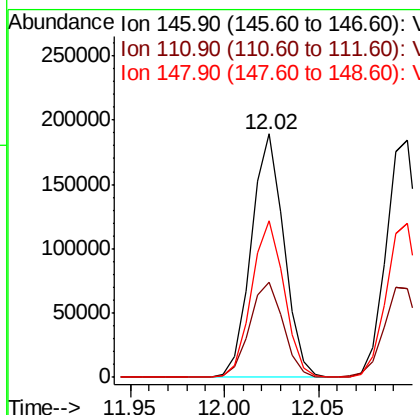
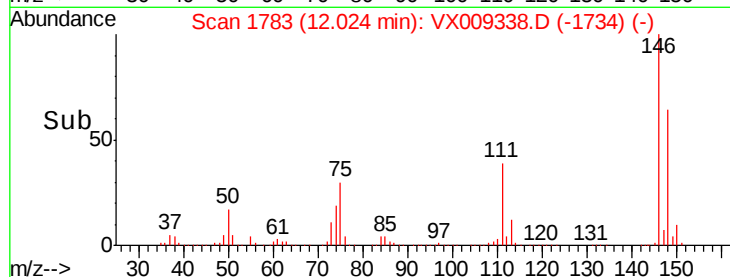
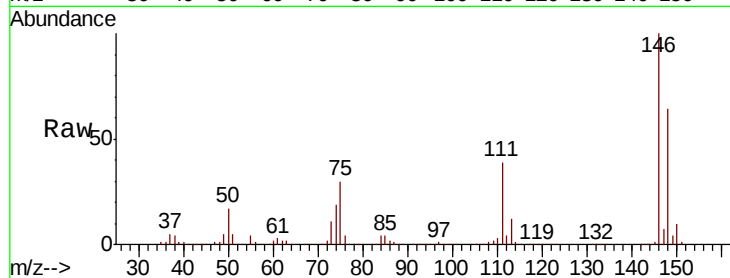




#87
 1,3-Dichlorobenzene
 Concen: 51.483 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

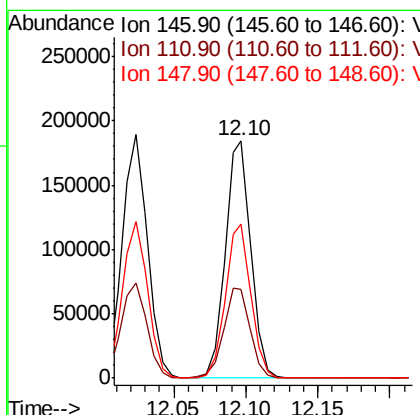
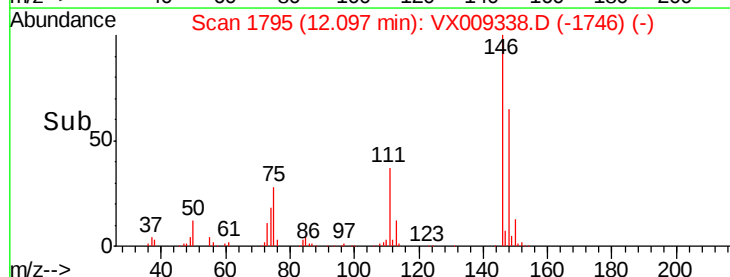
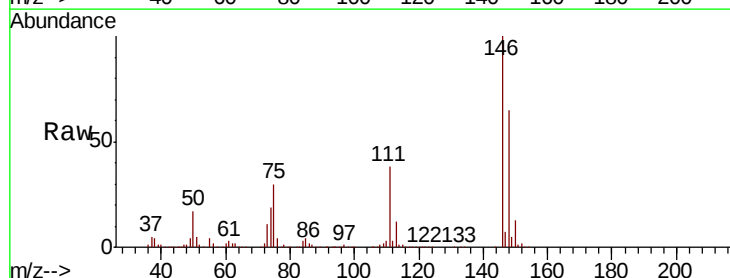
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

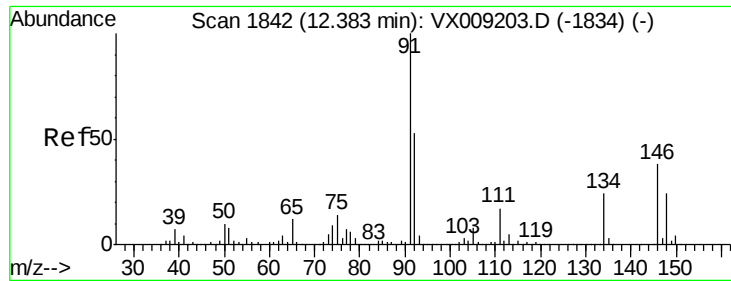
Tot Ion:146 Resp: 227808
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.549 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion:146 Resp: 229966
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 64.7 31.8 95.3

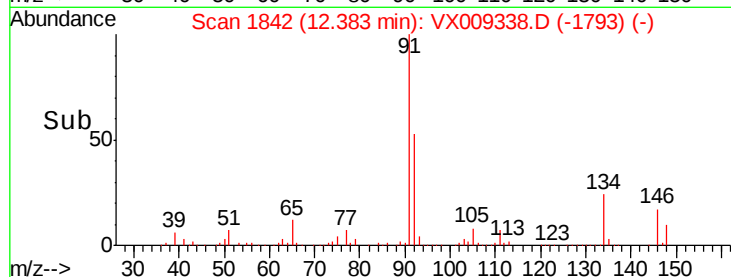
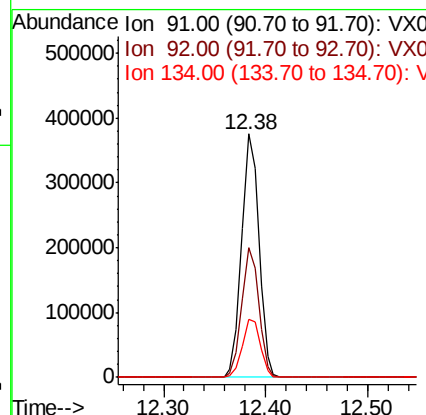
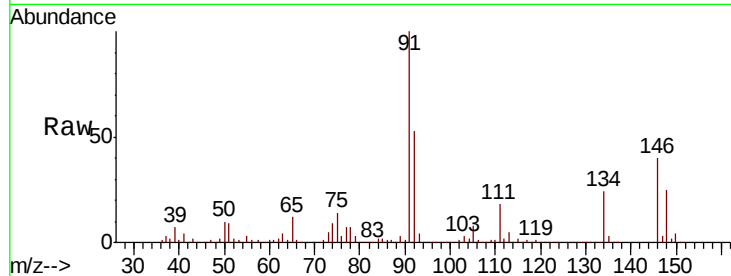




#89
n-Butylbenzene
Concen: 55.488 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

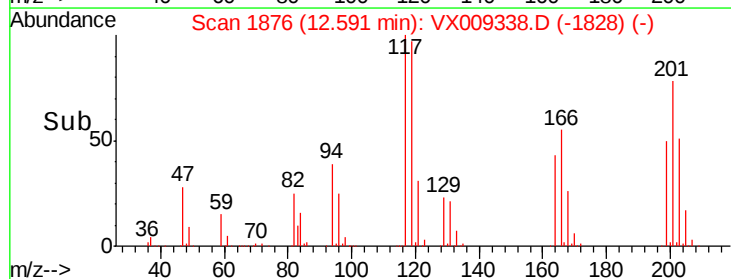
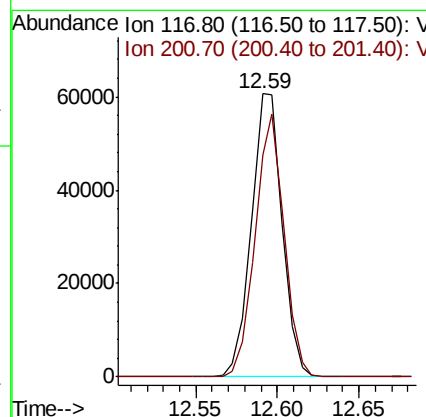
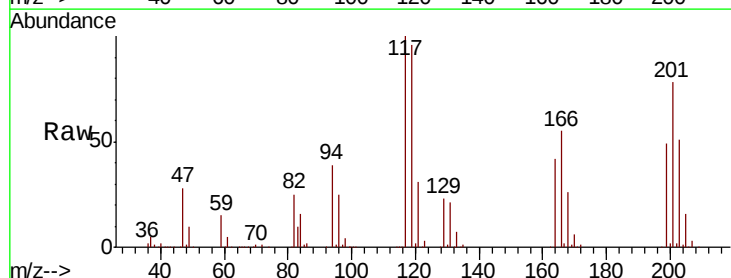
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 437857
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 53.844 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009338.D
Acq: 06 May 2019 09:55

Tgt Ion: 117 Resp: 80087
Ion Ratio Lower Upper
117 100
201 86.8 42.3 126.9

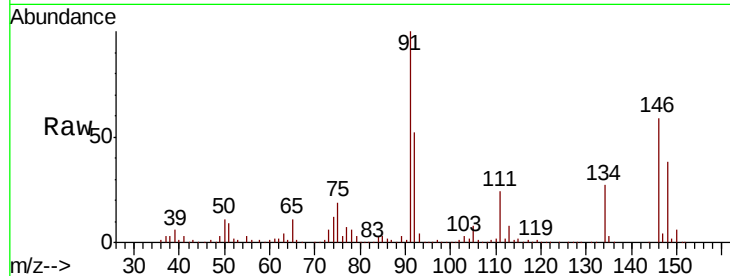




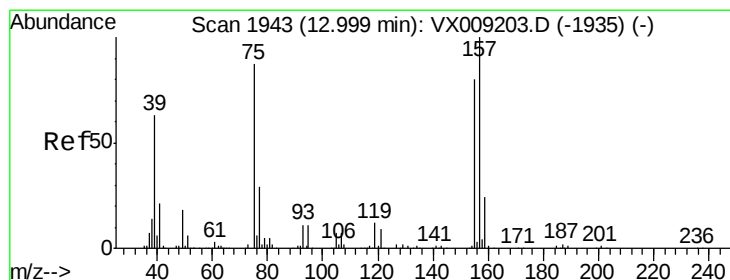
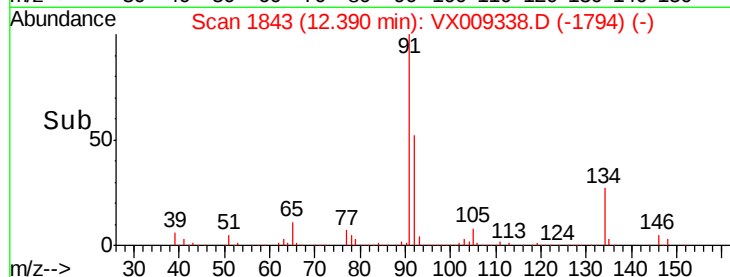
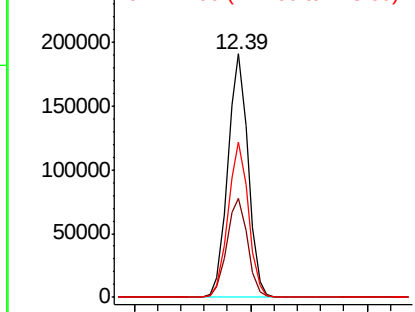
#91
 1,2-Dichlorobenzene
 Concen: 51.120 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 230394
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.9 31.9 95.9

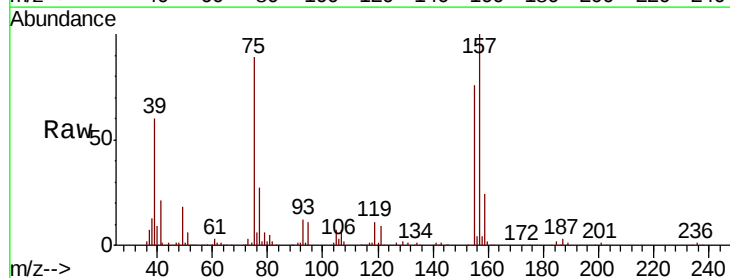


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

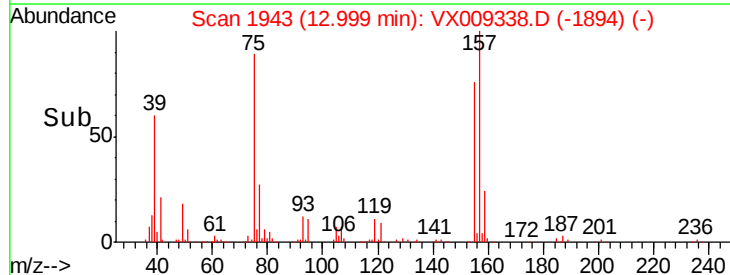
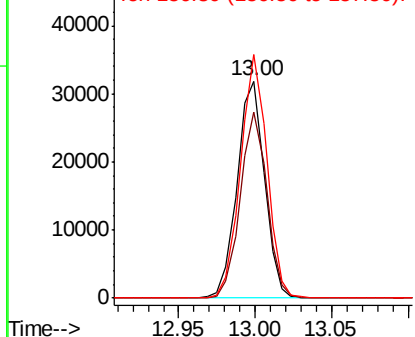


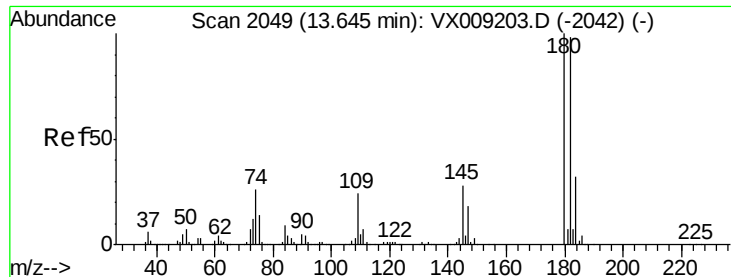
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.263 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion: 75 Resp: 39526
 Ion Ratio Lower Upper
 75 100
 155 83.4 42.0 126.0
 157 108.3 53.2 159.6



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

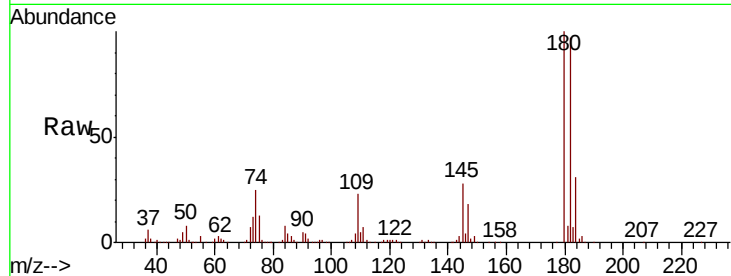




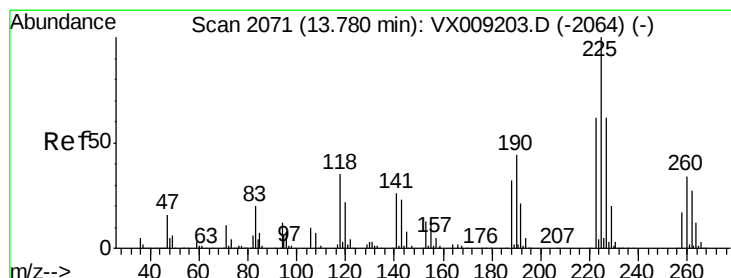
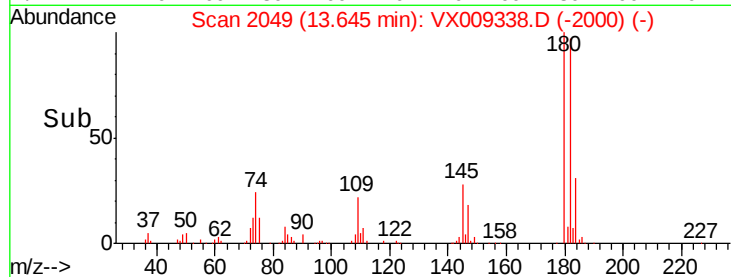
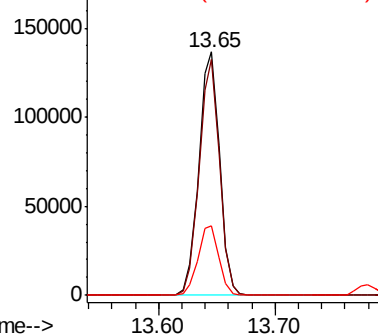
#93
 1,2,4-Trichlorobenzene
 Concen: 54.451 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	28.6	14.6	43.8

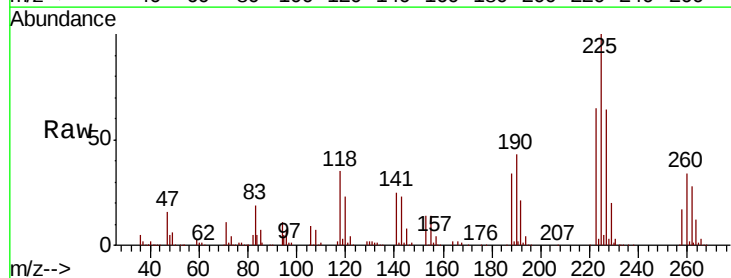


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

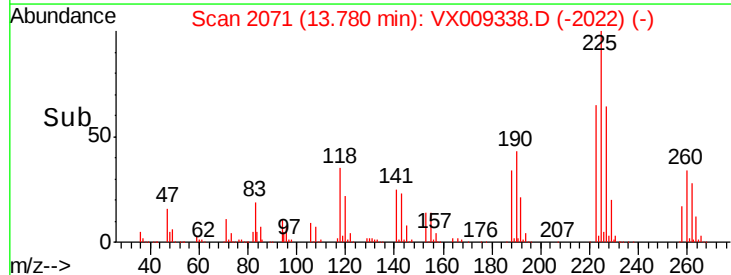
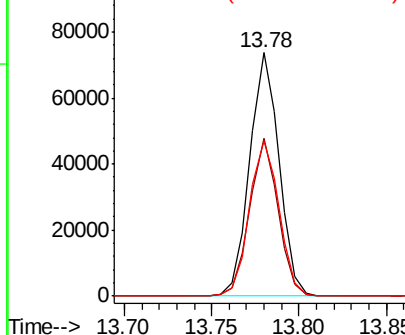


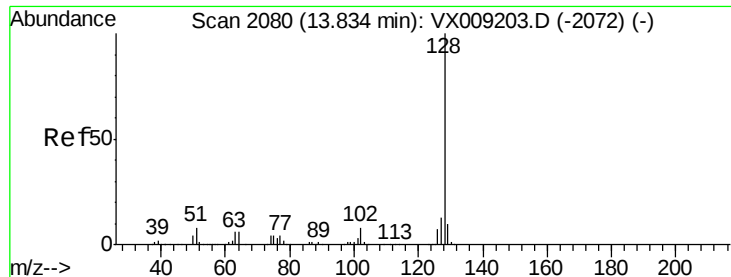
#94
 Hexachlorobutadiene
 Concen: 54.755 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009338.D
 Acq: 06 May 2019 09:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.5	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.941 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

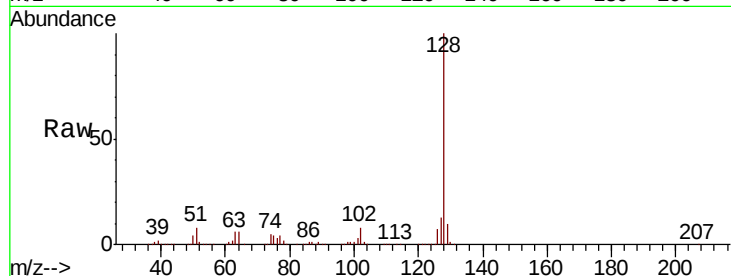
Tot Ion:128 Resp: 510789

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

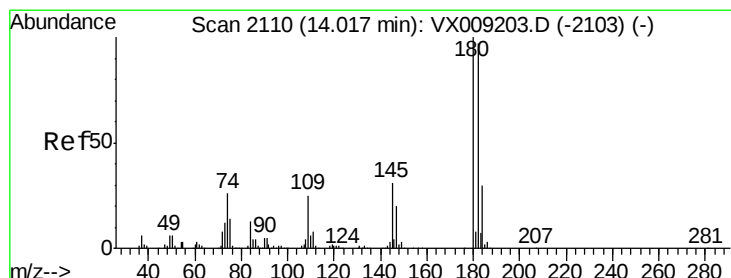
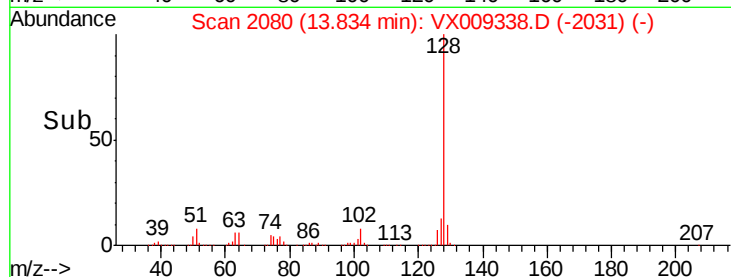
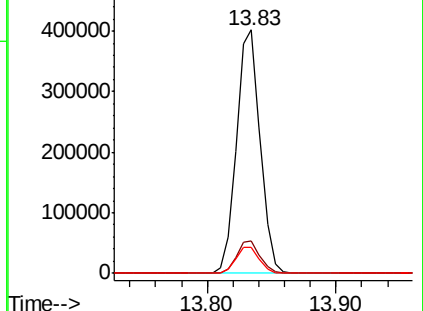
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.942 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009338.D

Acq: 06 May 2019 09:55

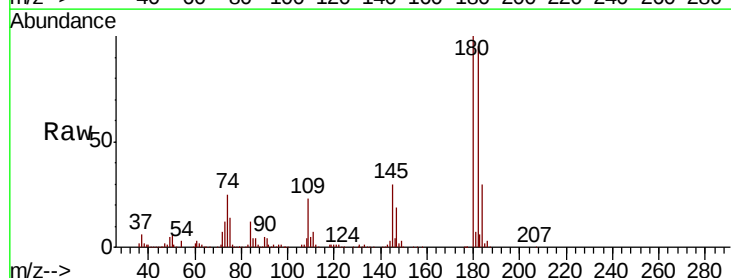
Tgt Ion:180 Resp: 165396

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

145 30.9 15.4 46.4



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

