

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032319\
 Data File : VX008349.D
 Acq On : 23 Mar 2019 14:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 23 14:55:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	154706	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	5.49	113	113285	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	446362	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	161101	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	111858	45.789	ug/l 99
3) Chloromethane	1.32	50	161704	52.753	ug/l 99
4) Vinyl Chloride	1.40	62	160468	52.505	ug/l 100
5) Bromomethane	1.64	94	101853	39.123	ug/l 98
6) Chloroethane	1.71	64	92381	48.209	ug/l 99
7) Trichlorofluoromethane	1.92	101	185460	47.549	ug/l 99
8) Diethyl Ether	2.18	74	87269	43.488	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109857	42.422	ug/l 89
10) Methyl Iodide	2.51	142	144253	43.749	ug/l 98
11) Tert butyl alcohol	3.05	59	170090	261.823	ug/l 100
12) 1,1-Dichloroethene	2.37	96	112003	45.813	ug/l 88
13) Acrolein	2.29	56	148916	300.745	ug/l 98
14) Allyl chloride	2.73	41	254273	47.778	ug/l 95
15) Acrylonitrile	3.14	53	437876	254.830	ug/l 99
16) Acetone	2.45	43	382132	222.023	ug/l 98
17) Carbon Disulfide	2.57	76	343156	43.527	ug/l 99
18) Methyl Acetate	2.78	43	188141	47.217	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	415233	46.974	ug/l 98
20) Methylene Chloride	2.85	84	130934	45.621	ug/l 91
21) trans-1,2-Dichloroethene	3.17	96	120347	45.566	ug/l 93
22) Diisopropyl ether	3.85	45	495598	47.547	ug/l # 83
23) Vinyl Acetate	3.81	43	2247016	251.448	ug/l 97
24) 1,1-Dichloroethane	3.70	63	250471	46.722	ug/l 98
25) 2-Butanone	4.67	43	637557	250.944	ug/l 97
26) 2,2-Dichloropropane	4.58	77	164914	40.836	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	139993	46.496	ug/l 90
28) Bromochloromethane	5.02	49	132072	54.865	ug/l # 78
29) Tetrahydrofuran	5.13	42	424728	267.423	ug/l 95
30) Chloroform	5.21	83	226193	45.107	ug/l 100
31) Cyclohexane	5.58	56	239466	47.569	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	181638	43.543	ug/l 96
36) 1,1-Dichloropropene	5.80	75	176880	43.681	ug/l 96
37) Ethyl Acetate	4.84	43	244614	51.103	ug/l 98
38) Carbon Tetrachloride	5.79	117	152403	42.241	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216142	44.356	ug/l	92
40) Benzene	6.14	78	535625	44.691	ug/l	100
41) Methacrylonitrile	5.04	41	135930	50.626	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191073	43.520	ug/l	96
43) Isopropyl Acetate	6.45	43	383577	49.993	ug/l	97
44) Trichloroethene	7.21	130	121663	41.516	ug/l	88
45) 1,2-Dichloropropane	7.51	63	153619	45.787	ug/l	99
46) Dibromomethane	7.66	93	88604	43.617	ug/l #	84
47) Bromodichloromethane	7.90	83	175725	45.391	ug/l	99
48) Methyl methacrylate	7.77	41	191360	46.907	ug/l	94
49) 1,4-Dioxane	7.74	88	74952	1041.125	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1239178	249.822	ug/l	98
52) Toluene	8.79	92	316303	44.485	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	196496	45.353	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	224344	46.693	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	129642	45.128	ug/l	96
56) Ethyl methacrylate	9.18	69	240989	52.442	ug/l	92
57) 1,3-Dichloropropane	9.37	76	233211	45.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	659522	280.198	ug/l	92
59) 2-Hexanone	9.49	43	950656	248.942	ug/l	97
60) Dibromochloromethane	9.59	129	127774	46.280	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134864	44.960	ug/l	99
64) Tetrachloroethene	9.34	164	98492	35.246	ug/l	96
65) Chlorobenzene	10.14	112	317697	41.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113533	42.725	ug/l	99
67) Ethyl Benzene	10.25	91	600934	44.744	ug/l	97
68) m/p-Xylenes	10.36	106	435958	88.366	ug/l	92
69) o-Xylene	10.70	106	212515	44.330	ug/l	94
70) Styrene	10.71	104	373764	47.974	ug/l	97
71) Bromoform	10.85	173	89305	44.182	ug/l #	99
73) Isopropylbenzene	11.02	105	559572	43.618	ug/l	98
74) N-amyl acetate	10.90	43	346104	51.493	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	220431	47.918	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	251307	62.081	ug/l	91
77) Bromobenzene	11.26	156	131279	42.324	ug/l	80
78) n-propylbenzene	11.36	91	666510	44.732	ug/l	95
79) 2-Chlorotoluene	11.42	91	393191	43.965	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	476841	44.991	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71763	50.707	ug/l	94
82) 4-Chlorotoluene	11.51	91	457379	43.950	ug/l	93
83) tert-Butylbenzene	11.77	119	464259	45.881	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	478231	44.508	ug/l	97
85) sec-Butylbenzene	11.94	105	546758	43.632	ug/l	95
86) p-Isopropyltoluene	12.06	119	491114	45.277	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234632	42.327	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	233461	40.716	ug/l	97
89) n-Butylbenzene	12.38	91	469896	46.156	ug/l	97
90) Hexachloroethane	12.60	117	81383	44.055	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	236556	42.323	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49464	48.412	ug/l	77

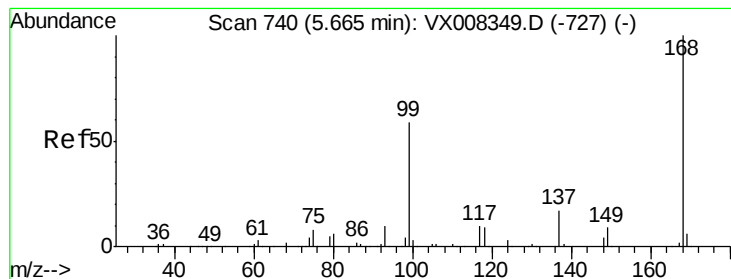
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159307	43.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	76950	42.856	ug/l	98
95) Naphthalene	13.83	128	576884	49.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162972	44.988	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

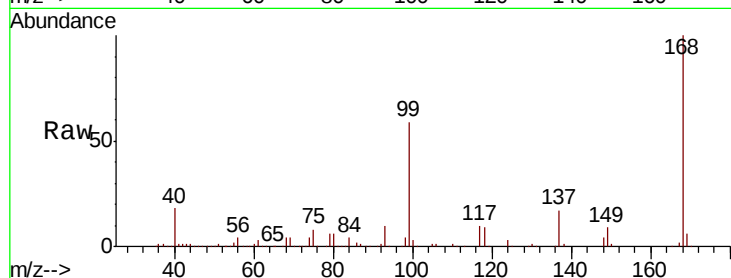
VSTDICCC050

Tgt Ion:168 Resp: 201491

Ion Ratio Lower Upper

168 100

99 59.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

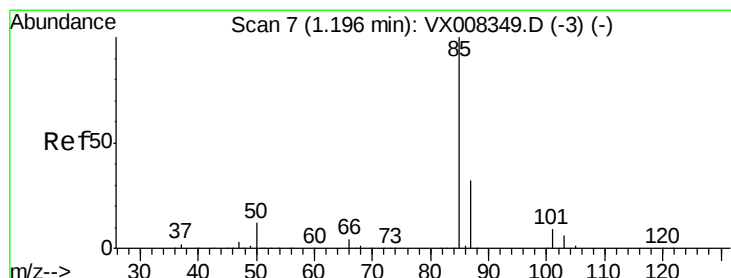
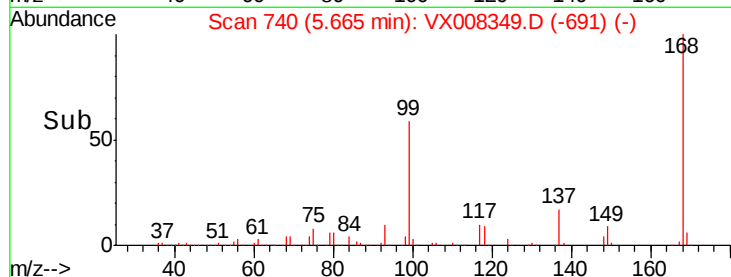
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.789 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008349.D

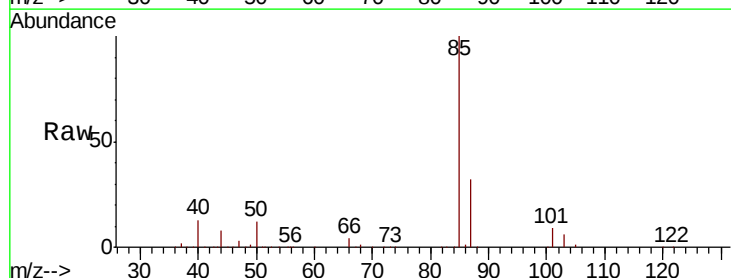
Acq: 23 Mar 2019 14:19

Tgt Ion: 85 Resp: 111858

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

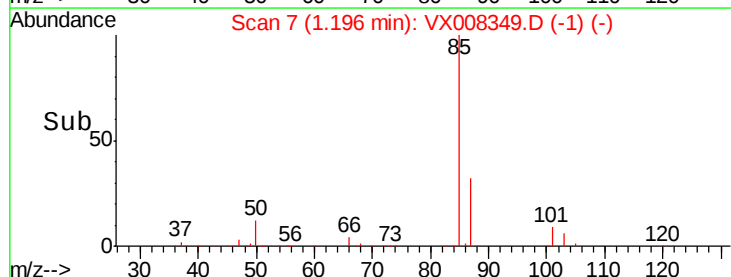
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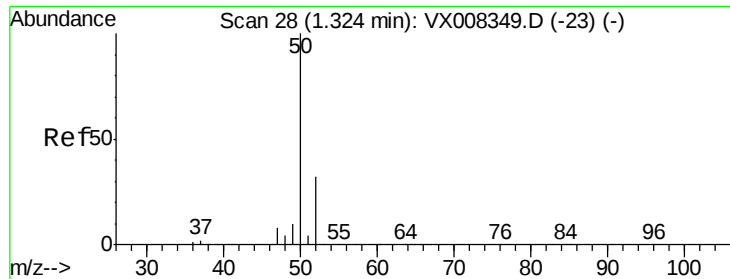
20000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 52.753 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

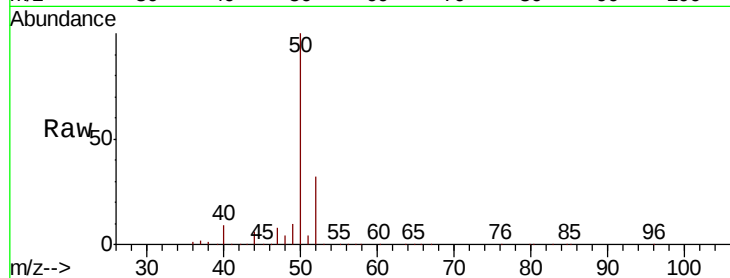
VSTDICCC050

Tgt Ion: 50 Resp: 161704

Ion Ratio Lower Upper

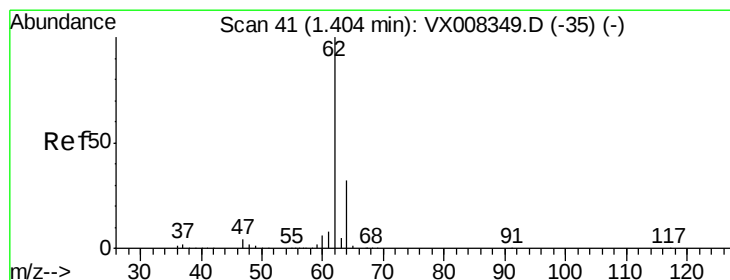
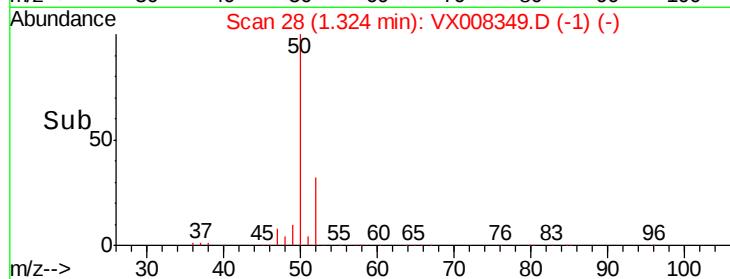
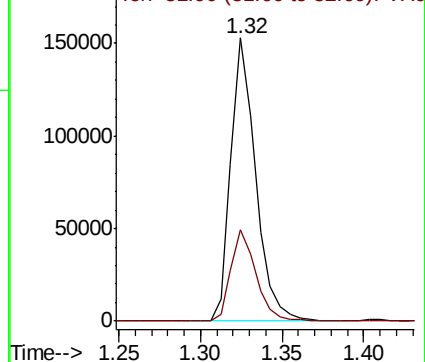
50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.505 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008349.D

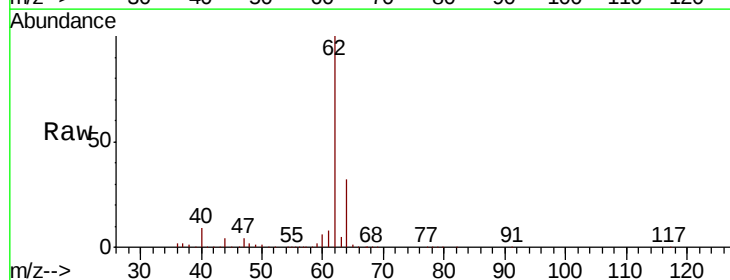
Acq: 23 Mar 2019 14:19

Tgt Ion: 62 Resp: 160468

Ion Ratio Lower Upper

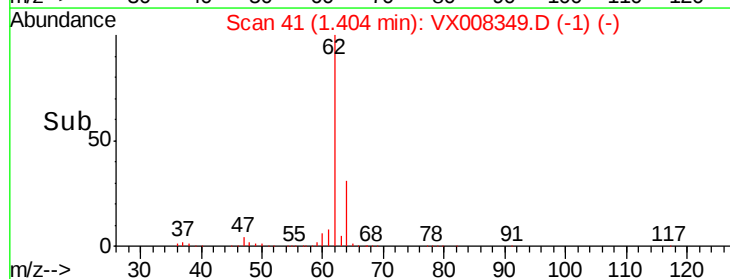
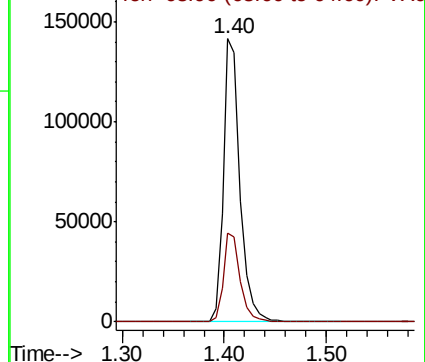
62 100

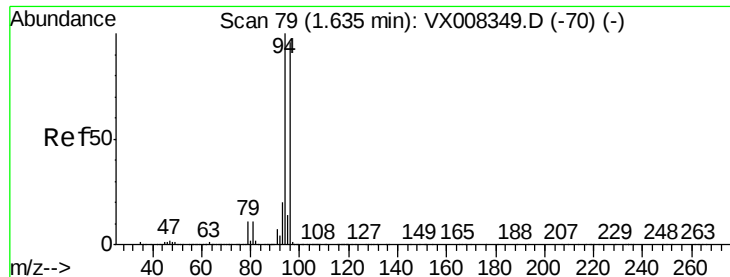
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.123 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

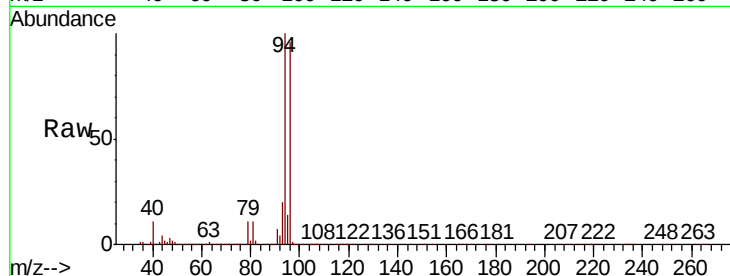
VSTDICCC050

Tgt Ion: 94 Resp: 101853

Ion Ratio Lower Upper

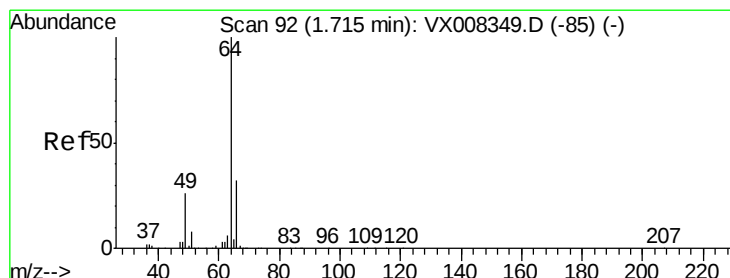
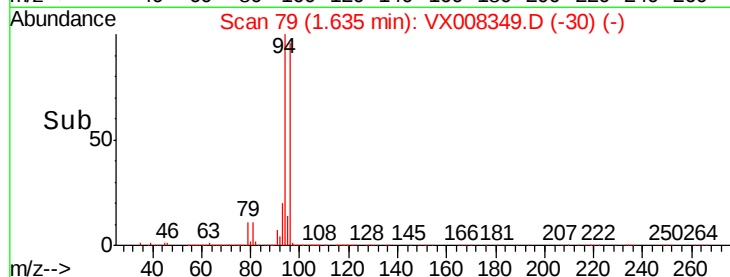
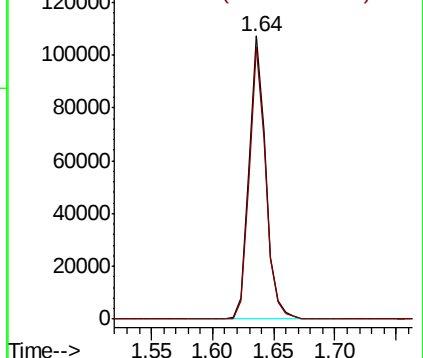
94 100

96 96.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.209 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008349.D

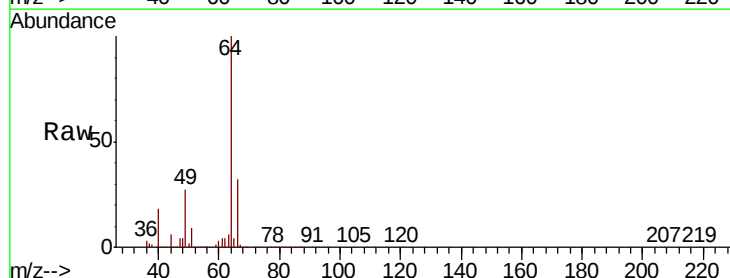
Acq: 23 Mar 2019 14:19

Tgt Ion: 64 Resp: 92381

Ion Ratio Lower Upper

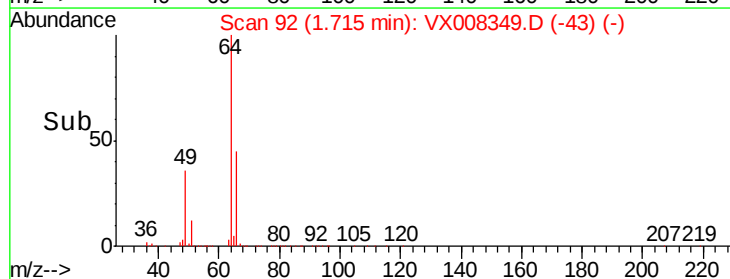
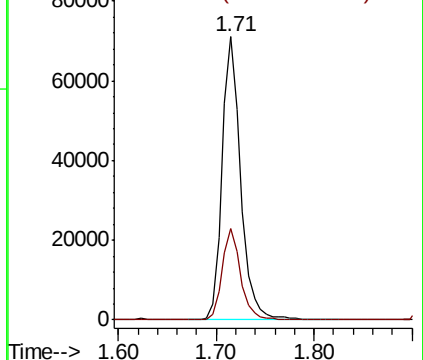
64 100

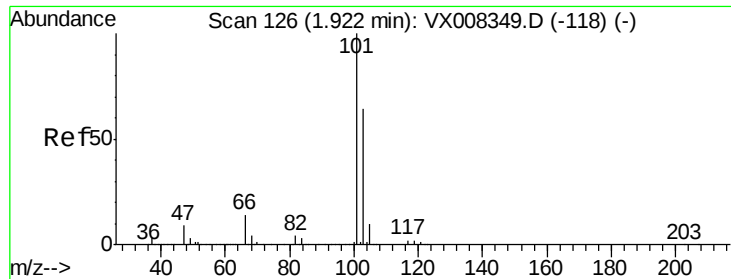
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



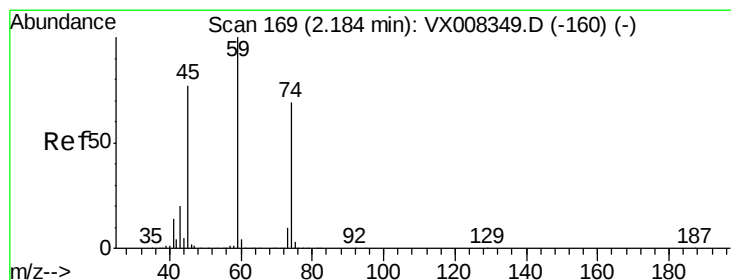
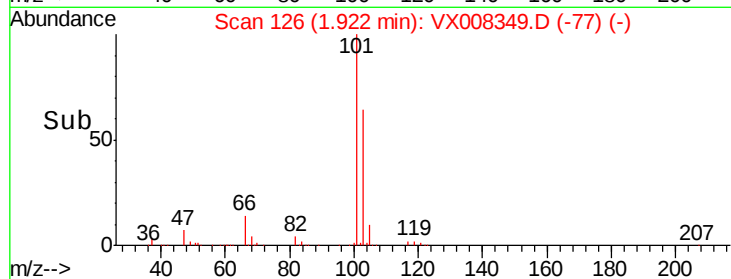
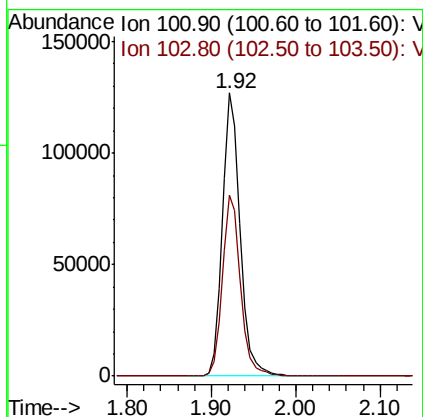
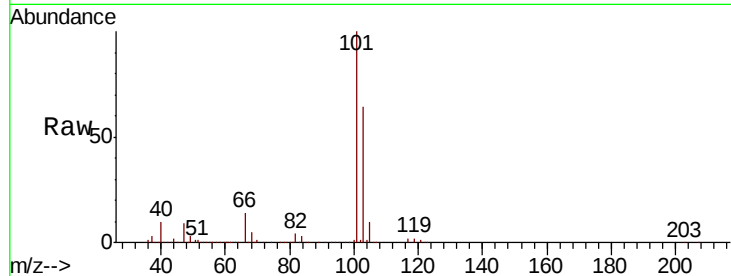


#7

Trichlorofluoromethane
 Concen: 47.549 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Instrument :
 MSVOA_X
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 VSTDICCC050

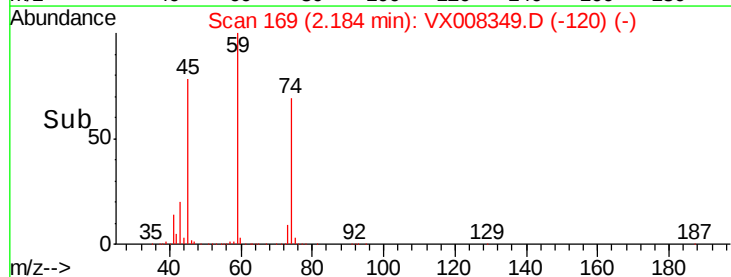
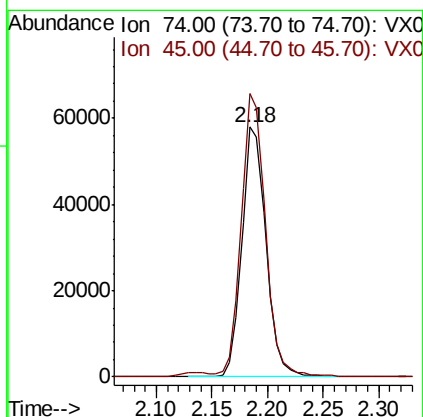
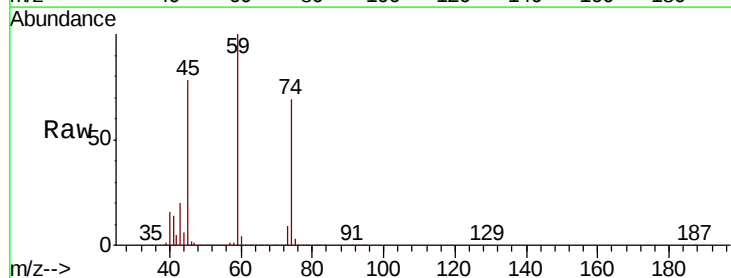
Tgt Ion:101 Resp: 185460
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.4 75.6

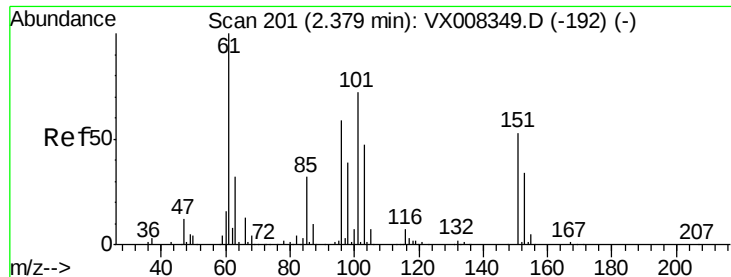


#8

Diethyl Ether
 Concen: 43.488 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 74 Resp: 87269
 Ion Ratio Lower Upper
 74 100
 45 112.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.422 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

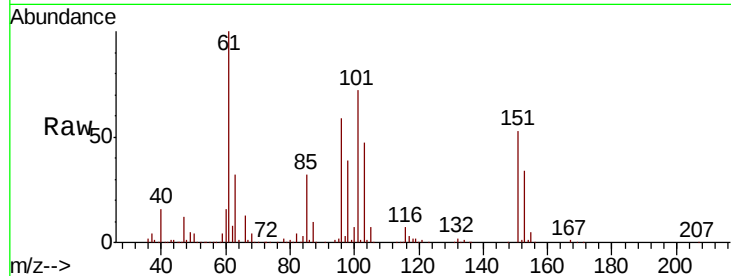
Tgt Ion:101 Resp: 109857

Ion Ratio Lower Upper

101 100

85 44.4 33.8 50.6

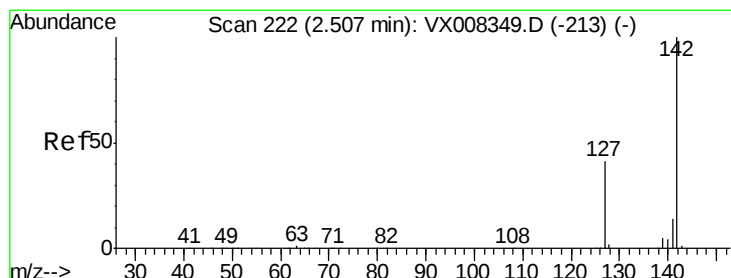
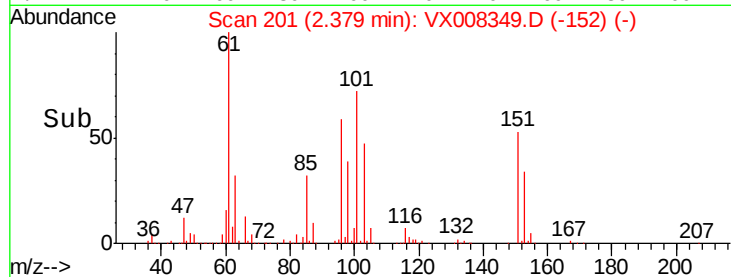
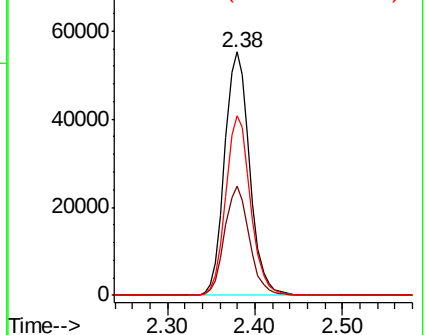
151 73.1 69.1 103.7



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: 43.749 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

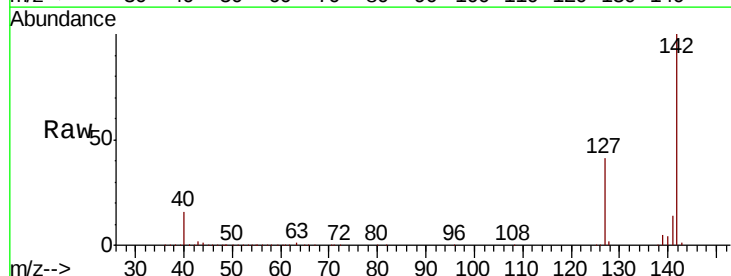
Tgt Ion:142 Resp: 144253

Ion Ratio Lower Upper

142 100

127 42.0 32.1 48.1

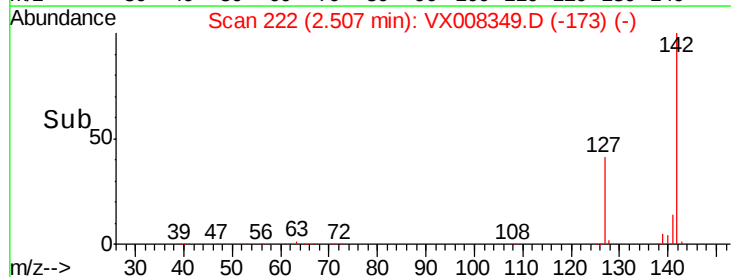
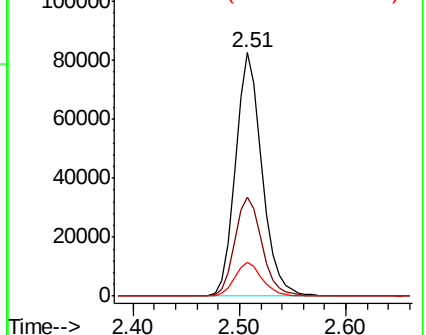
141 14.2 11.4 17.2

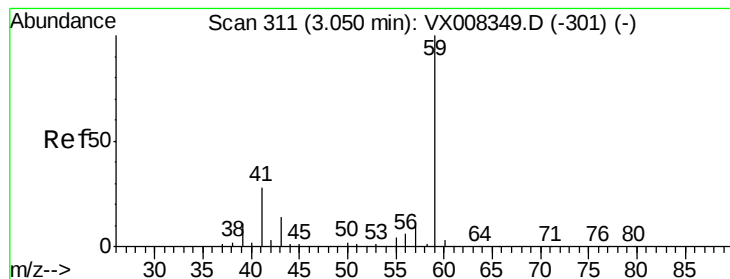


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



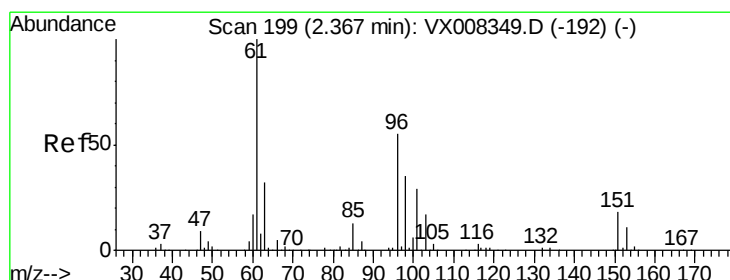
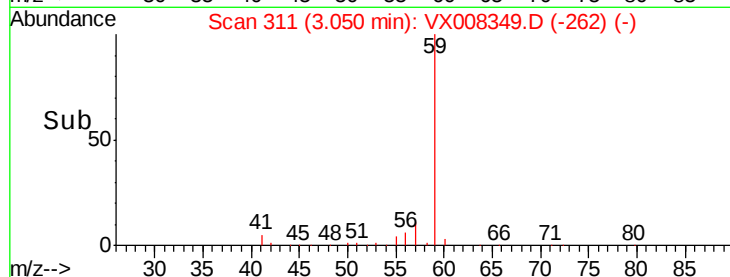
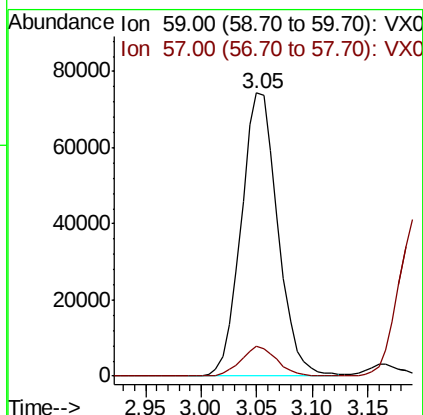
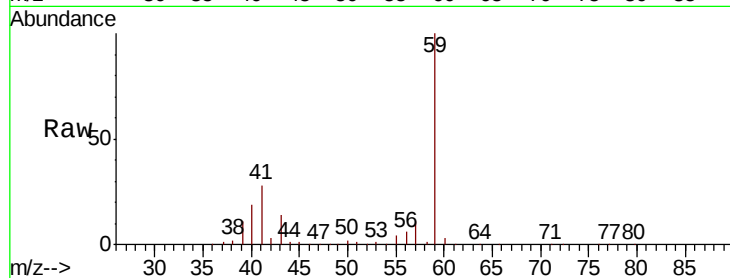


#11

Tert butyl alcohol
Concen: 261.823 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

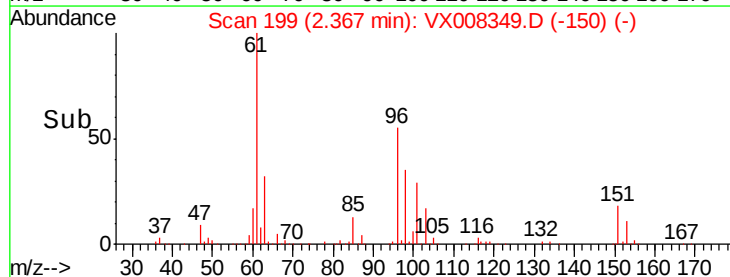
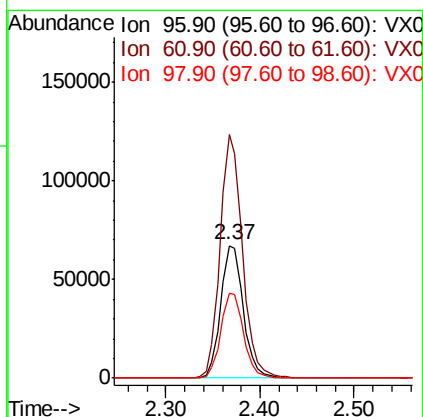
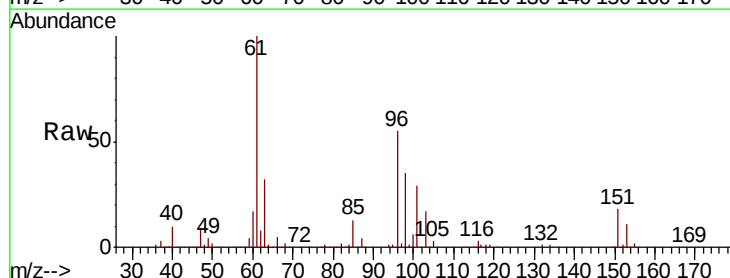
Tgt Ion: 59 Resp: 170090
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

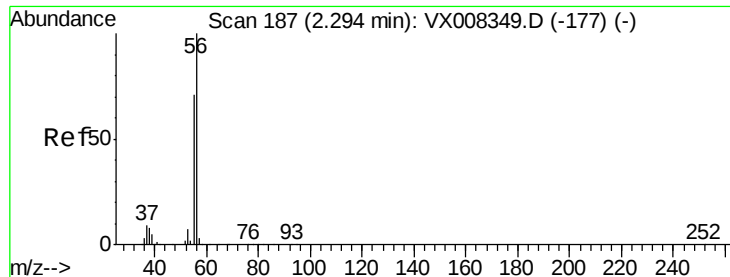


#12

1,1-Dichloroethene
Concen: 45.813 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 96 Resp: 112003
Ion Ratio Lower Upper
96 100
61 183.3 129.8 194.6
98 64.3 51.0 76.6





#13

Acrolein

Concen: 300.745 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

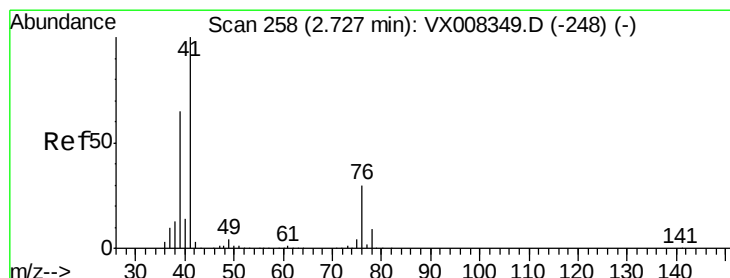
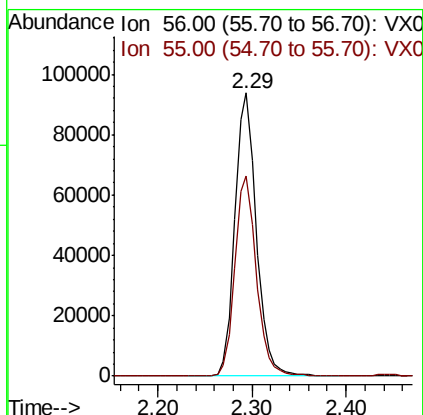
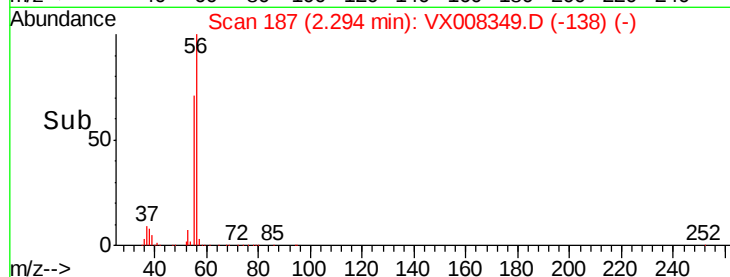
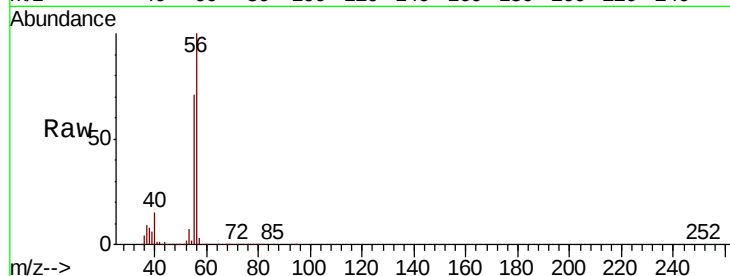
VSTDICCC050

Tgt Ion: 56 Resp: 148916

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 47.778 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

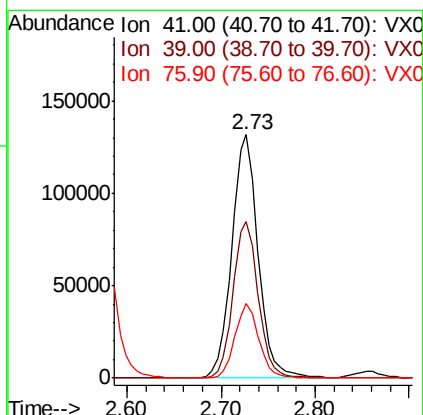
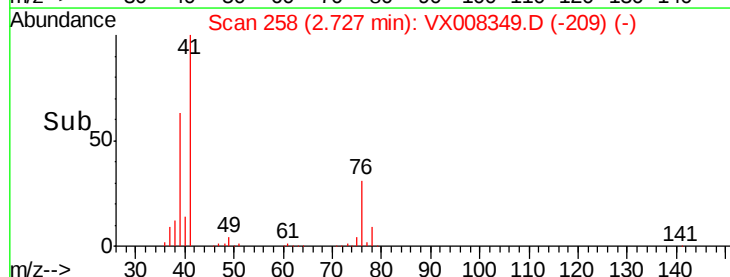
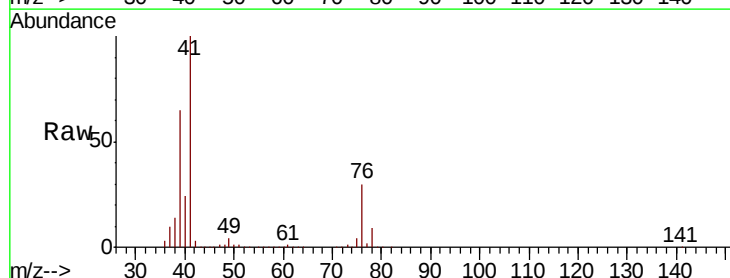
Tgt Ion: 41 Resp: 254273

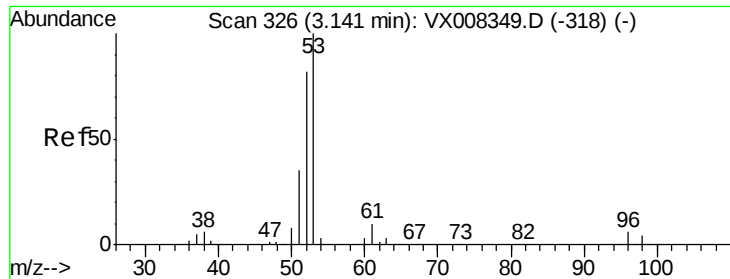
Ion Ratio Lower Upper

41 100

39 61.7 46.1 69.1

76 27.8 24.0 36.0





#15

Acrylonitrile

Concen: 254.830 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

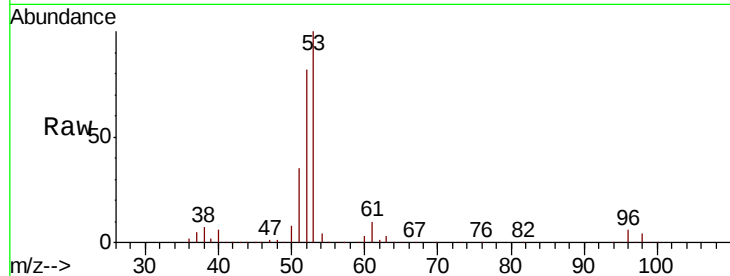
Tgt Ion: 53 Resp: 437876

Ion Ratio Lower Upper

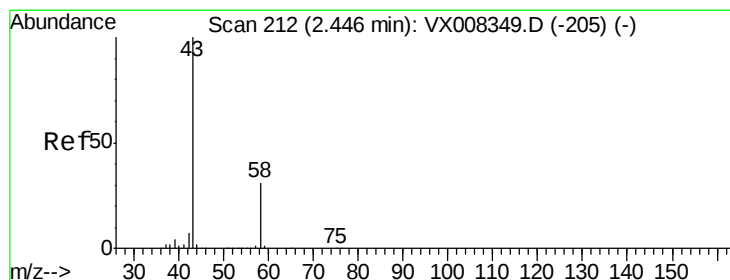
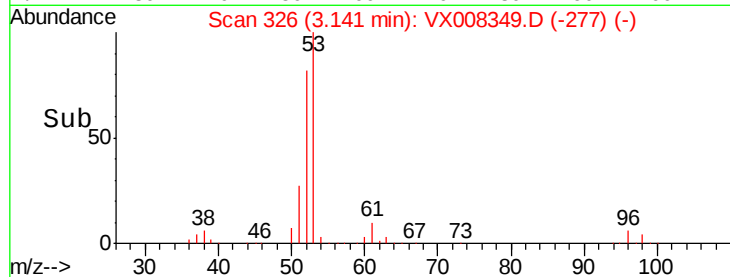
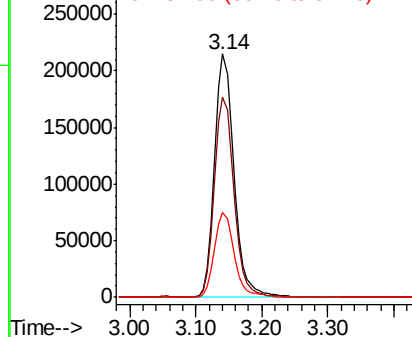
53 100

52 83.1 66.0 99.0

51 35.7 28.0 42.0



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: 222.023 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008349.D

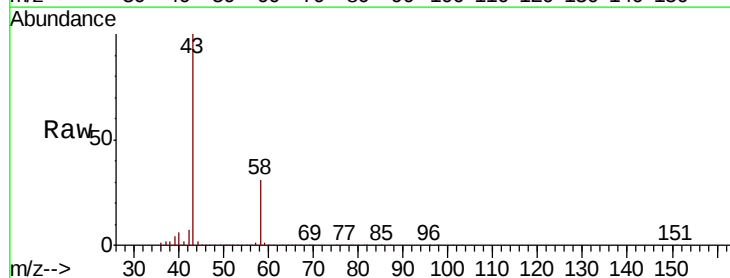
Acq: 23 Mar 2019 14:19

Tgt Ion: 43 Resp: 382132

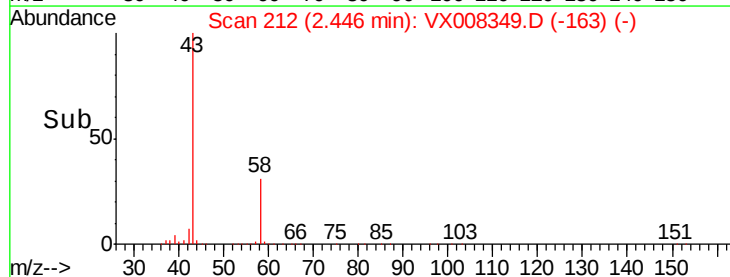
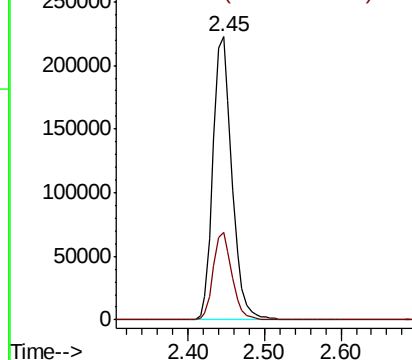
Ion Ratio Lower Upper

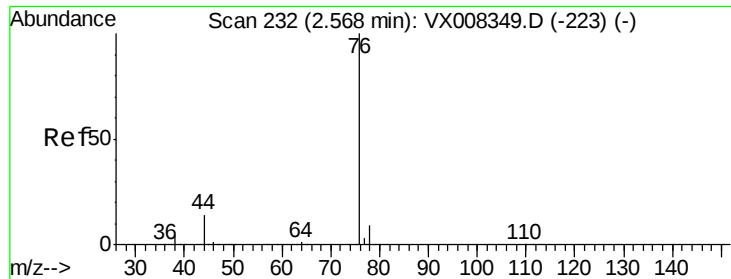
43 100

58 30.9 25.5 38.3



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

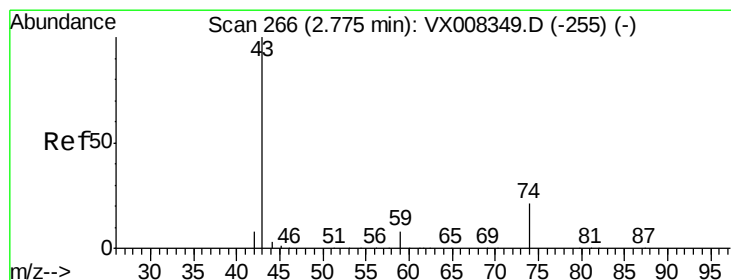
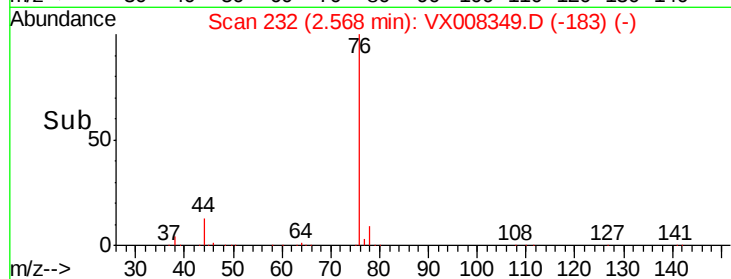
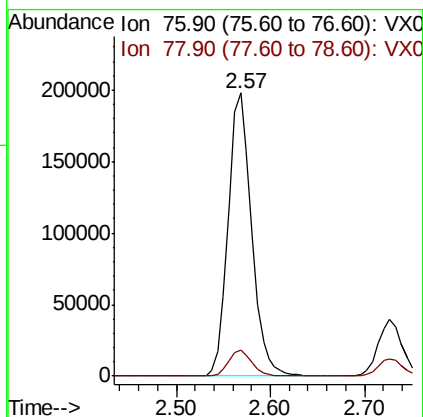
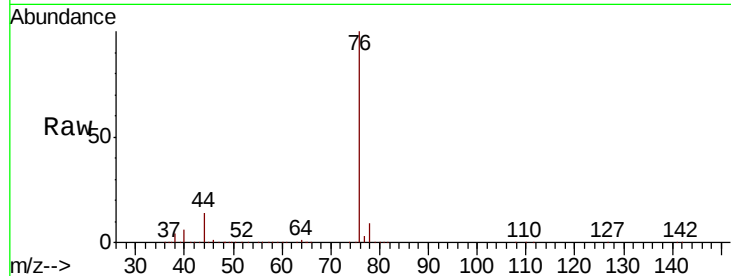




#17
Carbon Disulfide
Concen: 43.527 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

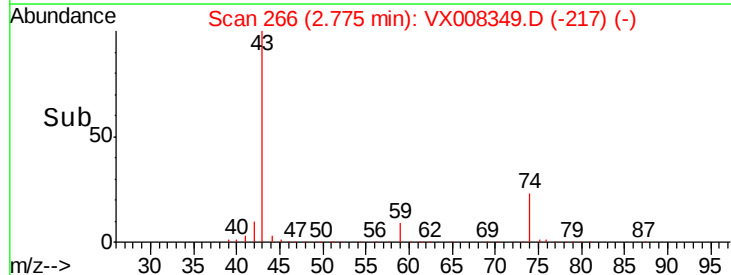
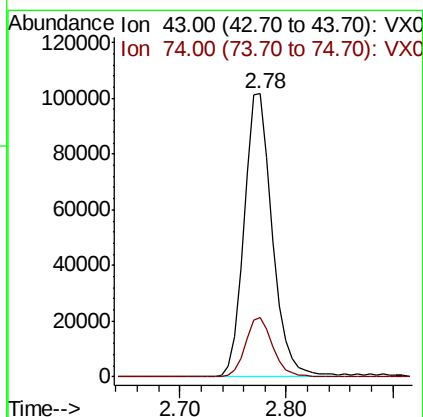
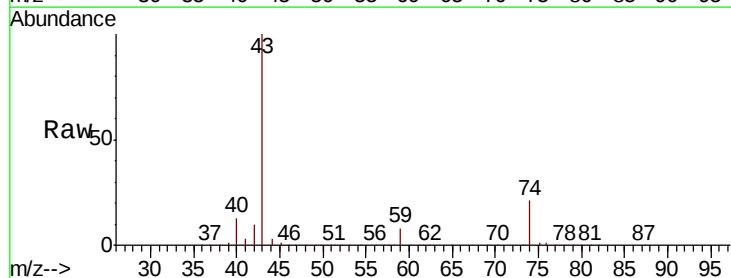
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

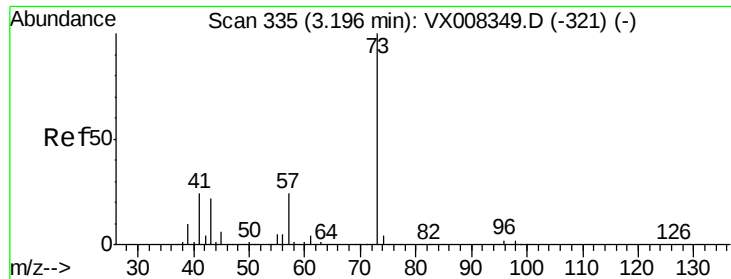
Tgt Ion: 76 Resp: 343156
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.217 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 43 Resp: 188141
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6



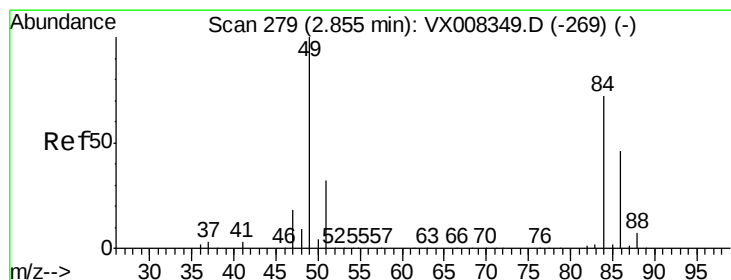
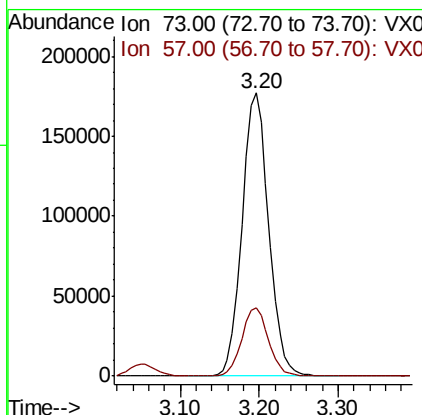
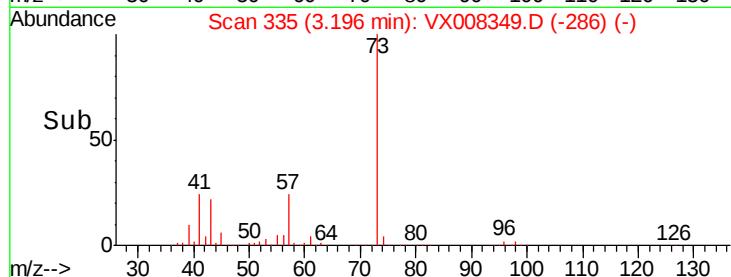
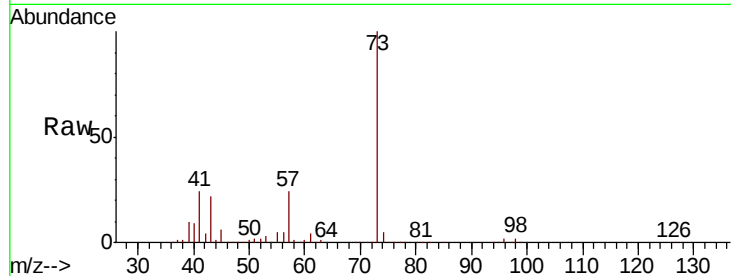


#19

Methyl tert-butyl Ether
Concen: 46.974 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

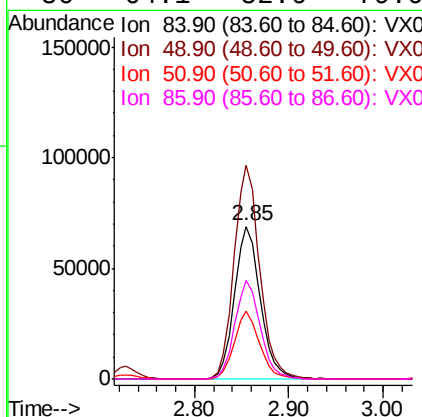
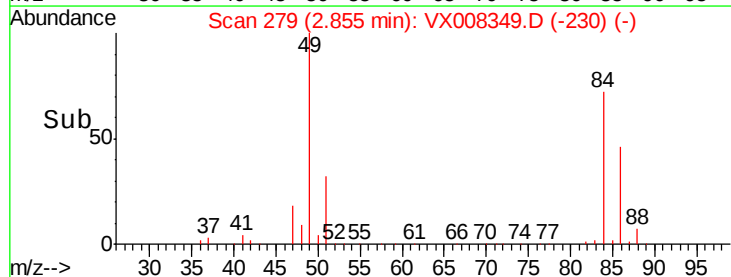
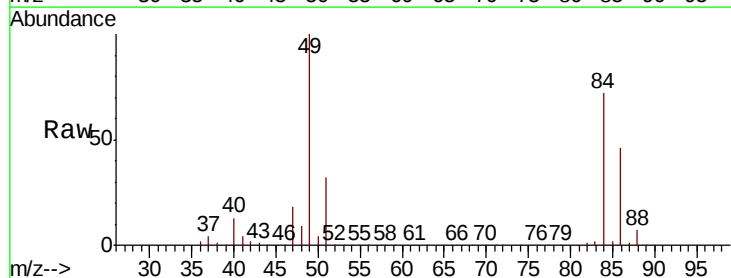
Tgt Ion: 73 Resp: 415233
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4

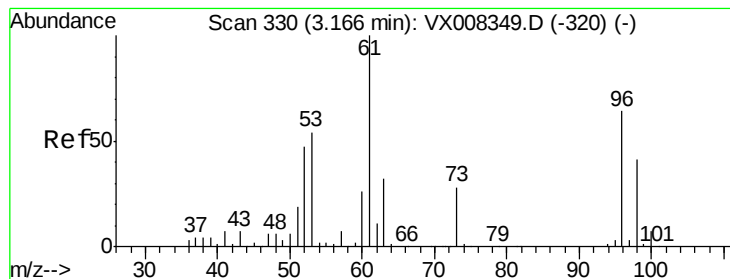


#20

Methylene Chloride
Concen: 45.621 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 84 Resp: 130934
Ion Ratio Lower Upper
84 100
49 139.4 99.3 148.9
51 44.1 31.3 46.9
86 64.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.566 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

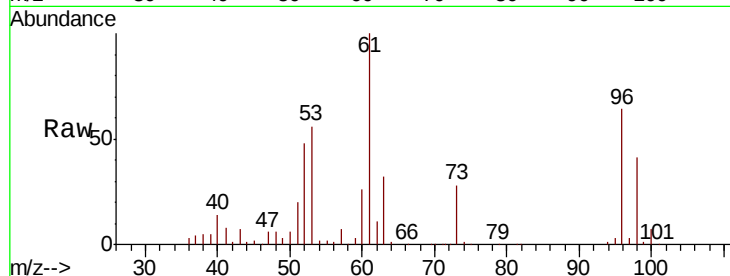
Tgt Ion: 96 Resp: 120347

Ion Ratio Lower Upper

96 100

61 155.7 114.4 171.6

98 63.7 51.1 76.7

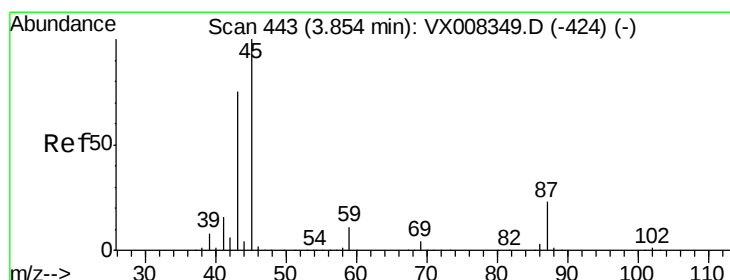
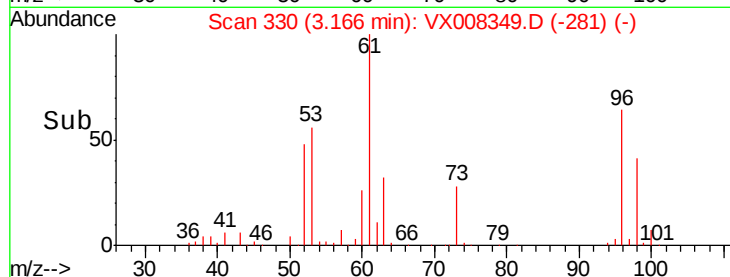
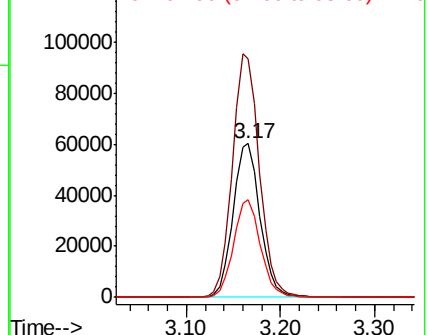


Abundance

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: 47.547 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Tgt Ion: 45 Resp: 495598

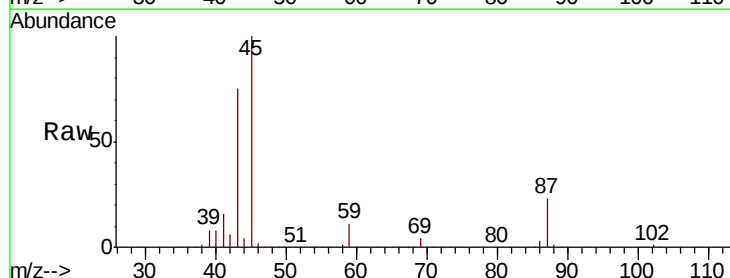
Ion Ratio Lower Upper

45 100

43 74.7 45.3 67.9#

87 22.8 21.4 32.0

59 11.3 9.5 14.3



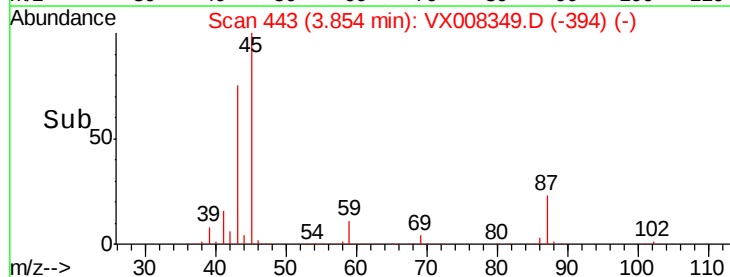
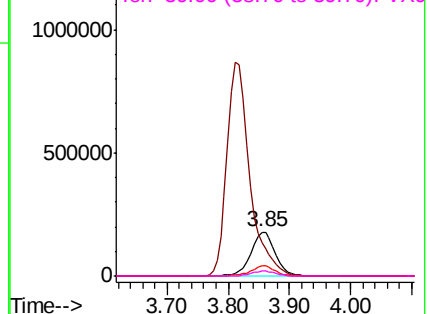
Abundance

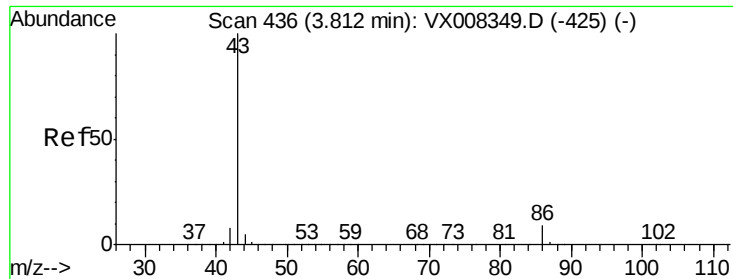
Ion 45.00 (44.70 to 45.70): VX0

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: 251.448 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

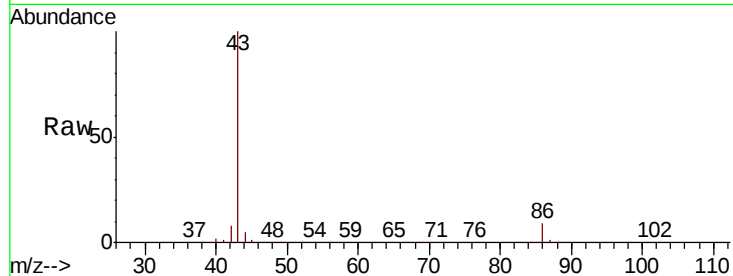
VSTDICCC050

Tgt Ion: 43 Resp: 2247016

Ion Ratio Lower Upper

43 100

86 8.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

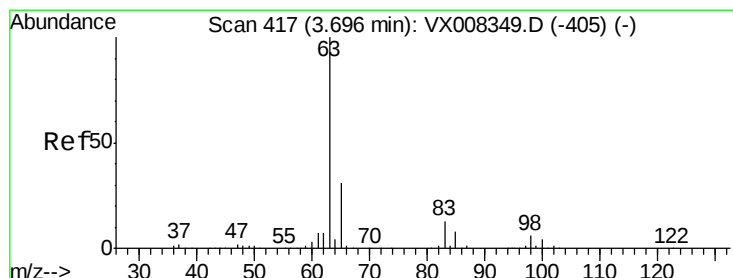
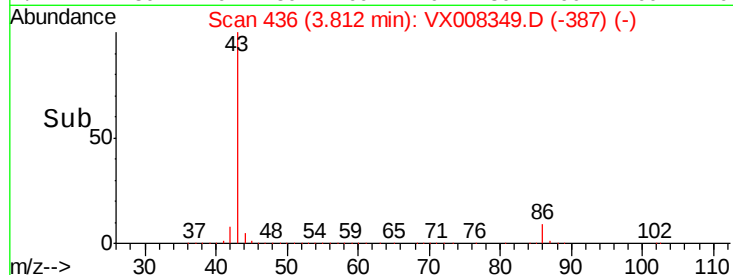
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.722 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

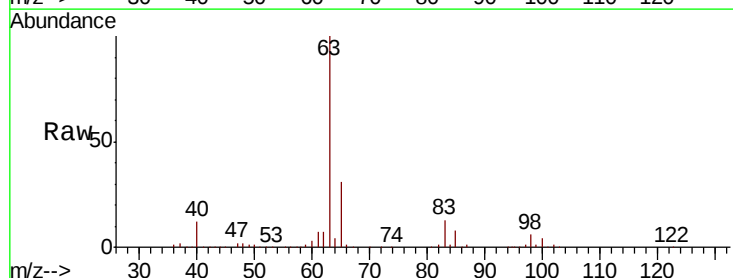
Tgt Ion: 63 Resp: 250471

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

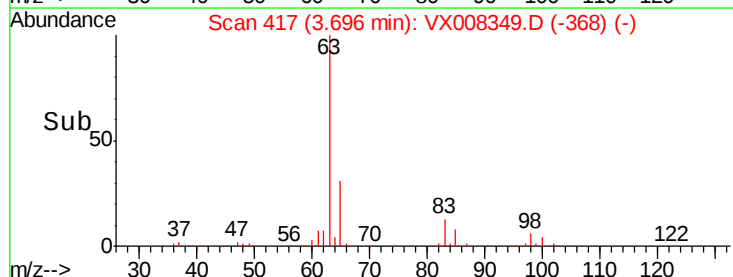
3.70

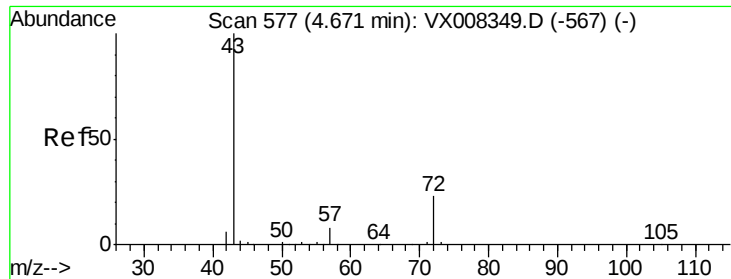
100000

50000

0

Time-->





#25

2-Butanone

Concen: 250.944 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

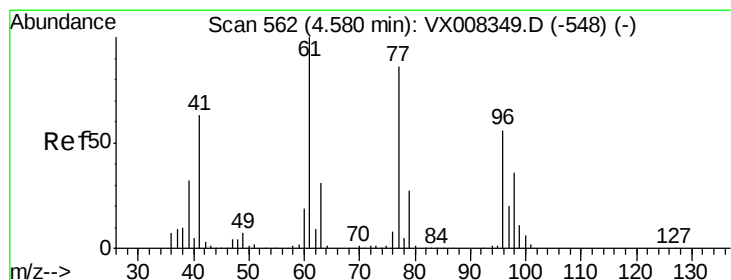
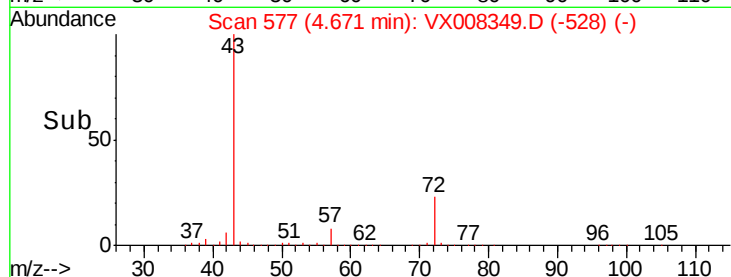
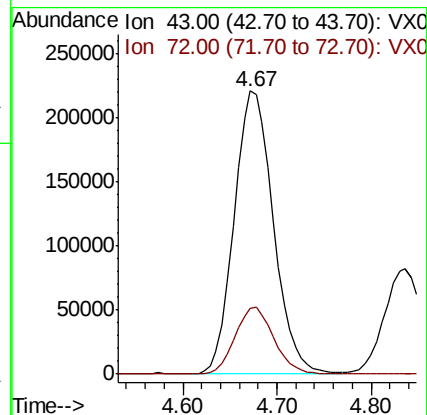
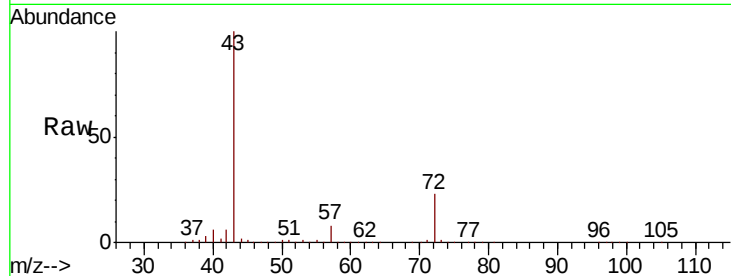
VSTDICCC050

Tgt Ion: 43 Resp: 637557

Ion Ratio Lower Upper

43 100

72 23.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 40.836 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX008349.D

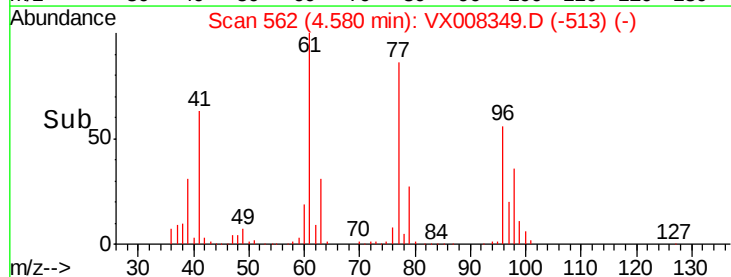
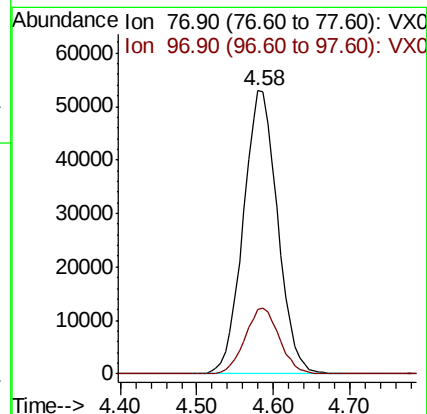
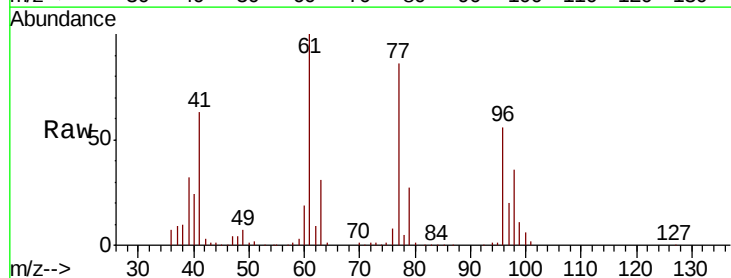
Acq: 23 Mar 2019 14:19

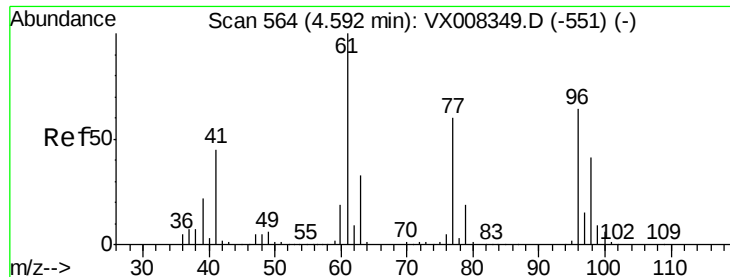
Tgt Ion: 77 Resp: 164914

Ion Ratio Lower Upper

77 100

97 23.4 12.2 36.6



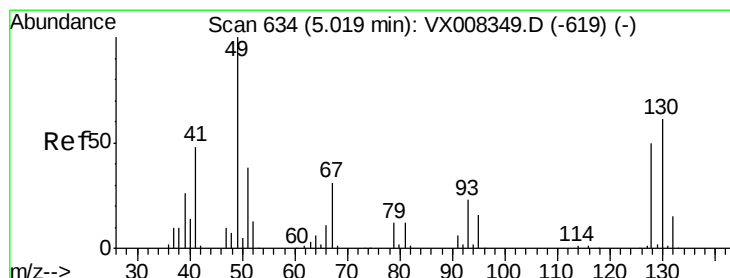
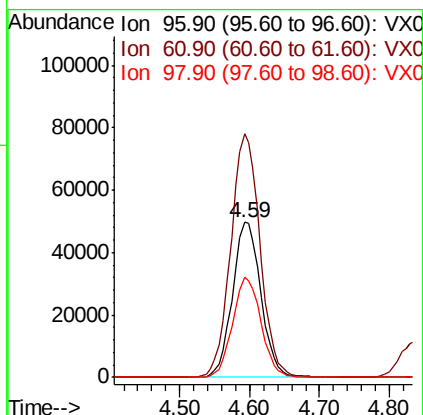
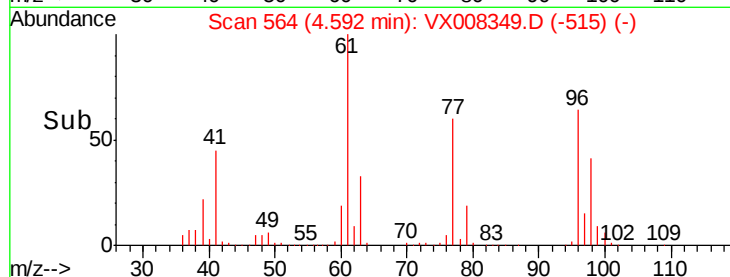
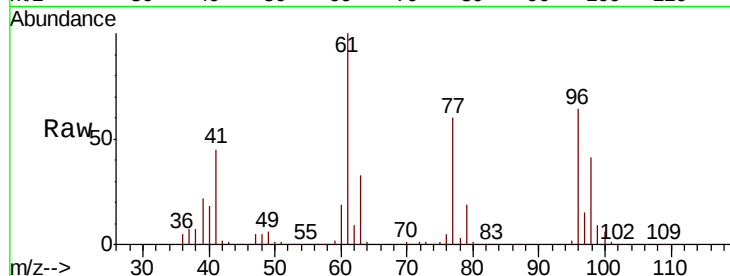


#27

cis-1,2-Dichloroethene
Concen: 46.496 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

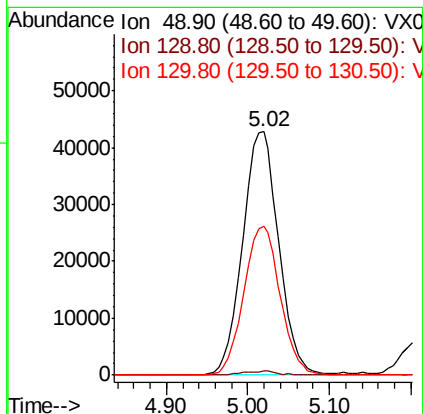
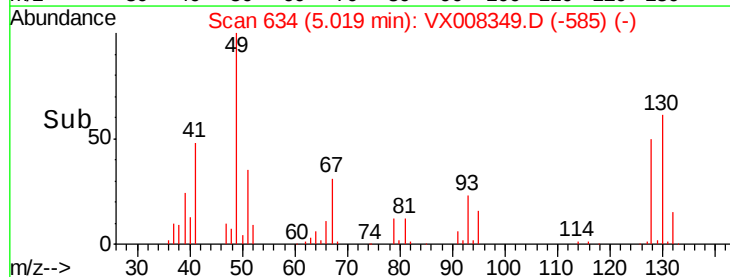
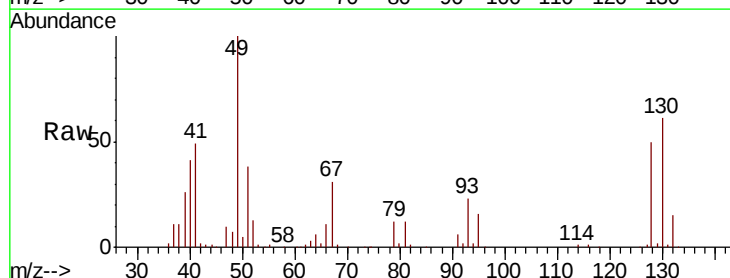
Tgt Ion: 96 Resp: 139993
Ion Ratio Lower Upper
96 100
61 161.7 0.0 288.0
98 64.4 0.0 129.0

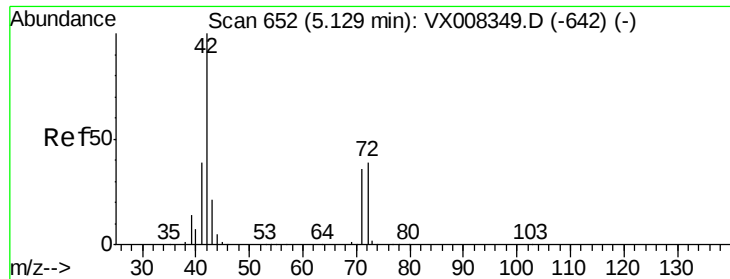


#28

Bromochloromethane
Concen: 54.865 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 49 Resp: 132072
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 61.2 65.0 97.4#





#29

Tetrahydrofuran

Concen: 267.423 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

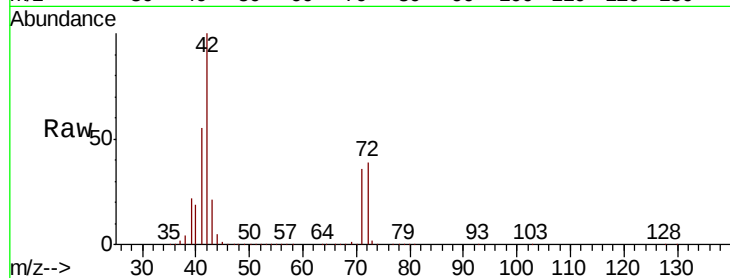
Tgt Ion: 42 Resp: 424728

Ion Ratio Lower Upper

42 100

72 39.3 33.8 50.6

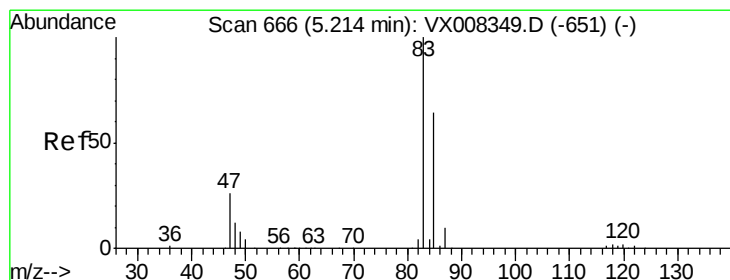
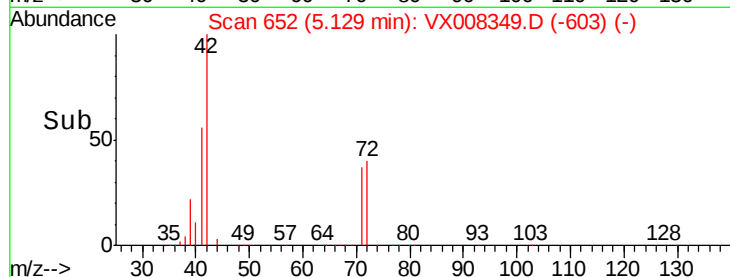
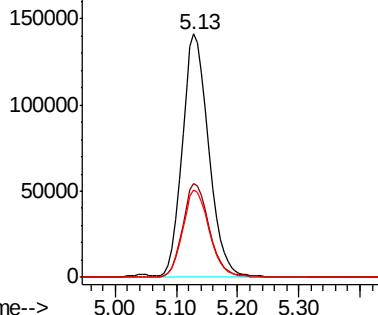
71 36.3 31.5 47.3



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: 45.107 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008349.D

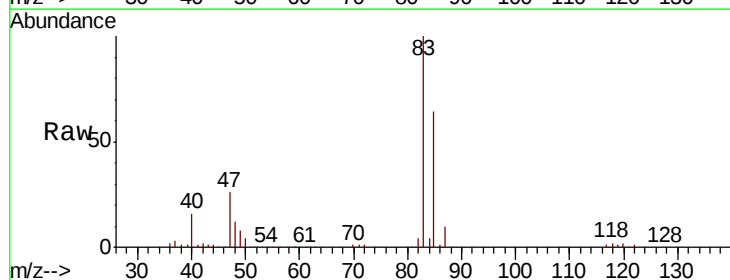
Acq: 23 Mar 2019 14:19

Tgt Ion: 83 Resp: 226193

Ion Ratio Lower Upper

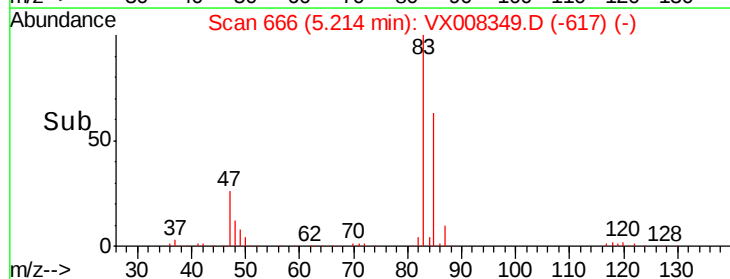
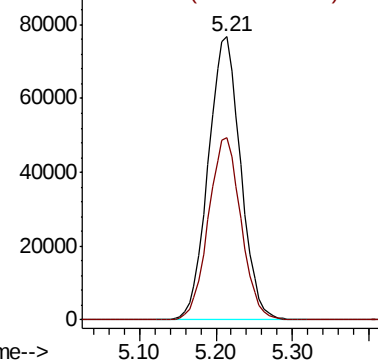
83 100

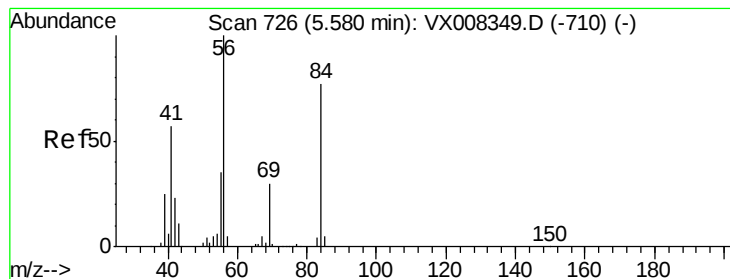
85 64.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.569 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

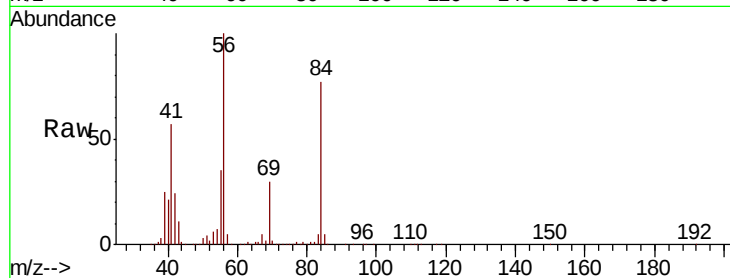
Tgt Ion: 56 Resp: 239466

Ion Ratio Lower Upper

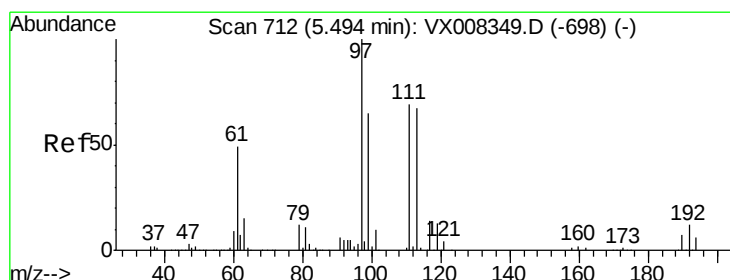
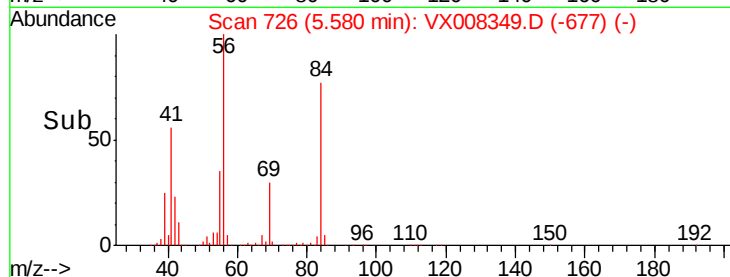
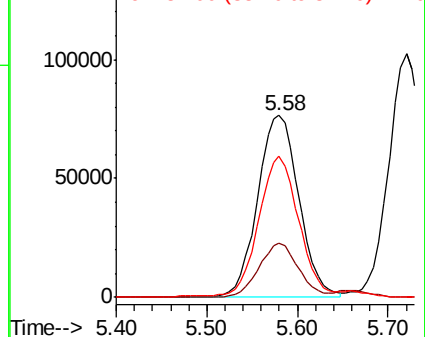
56 100

69 29.9 24.0 36.0

84 76.5 65.3 97.9



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: 43.543 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

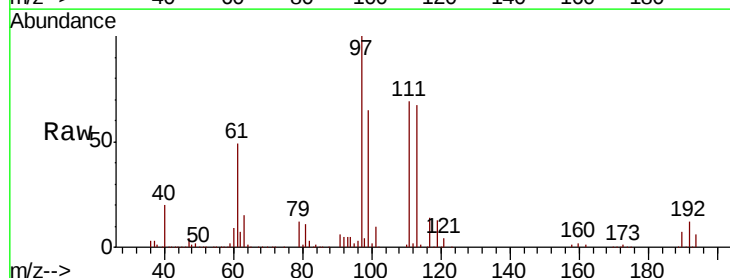
Tgt Ion: 97 Resp: 181638

Ion Ratio Lower Upper

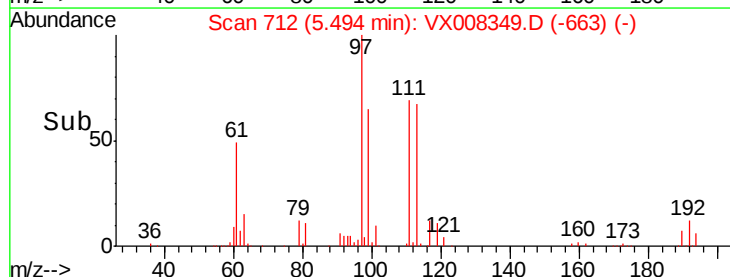
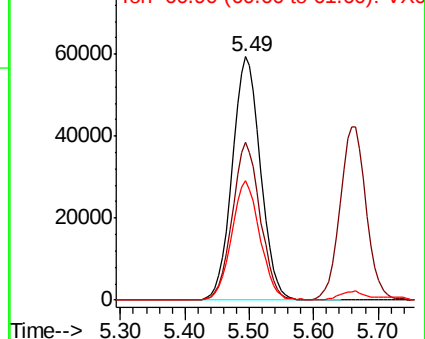
97 100

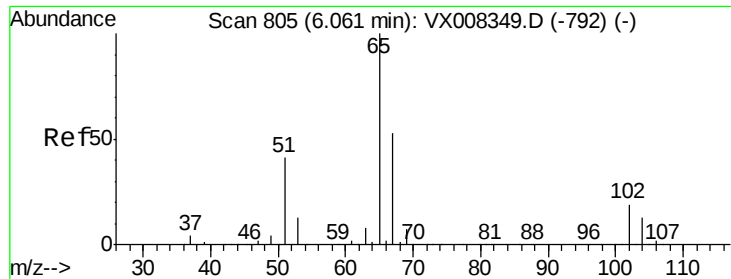
99 63.9 52.2 78.2

61 49.2 34.9 52.3



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

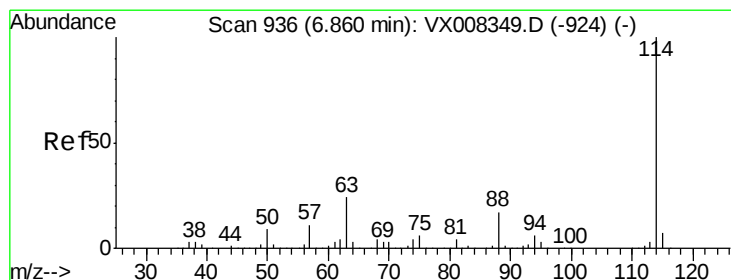
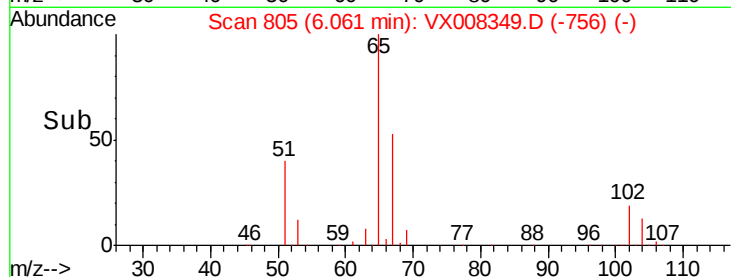
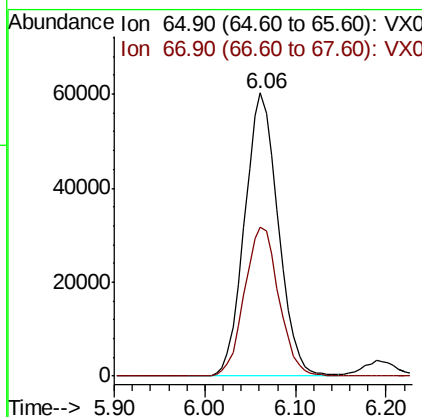
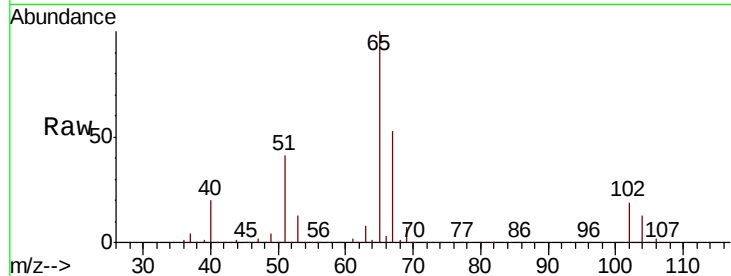




#33
 1,2-Dichloroethane-d4
 Concen: 50.980 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

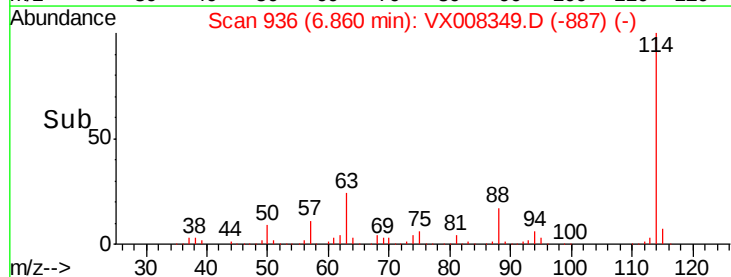
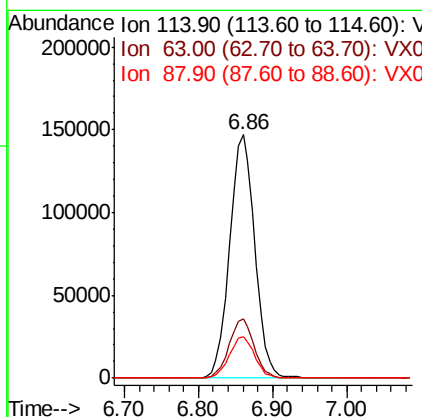
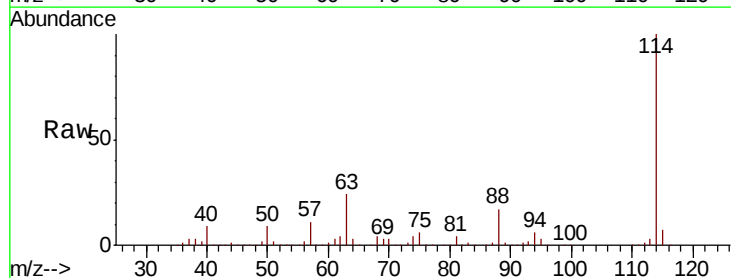
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

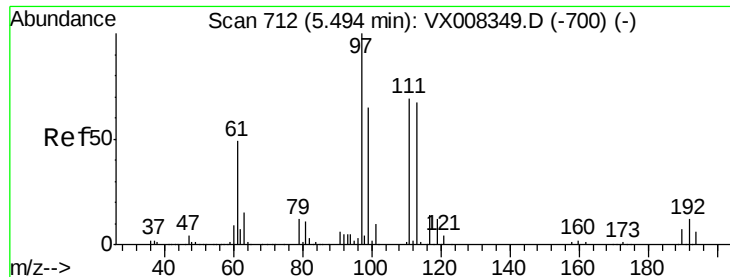
Tgt Ion: 65 Resp: 154706
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 114 Resp: 347800
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 39.8
 88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.656 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

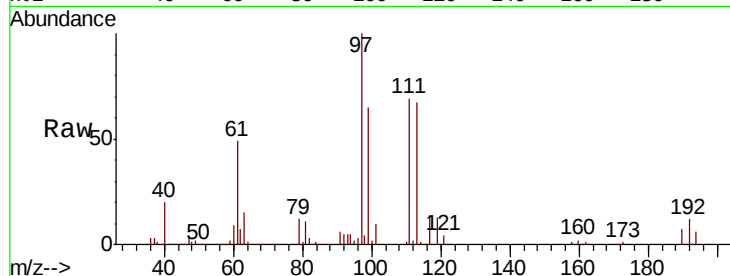
Tgt Ion:113 Resp: 113285

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

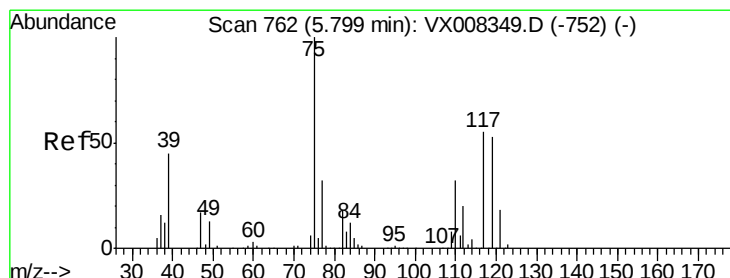
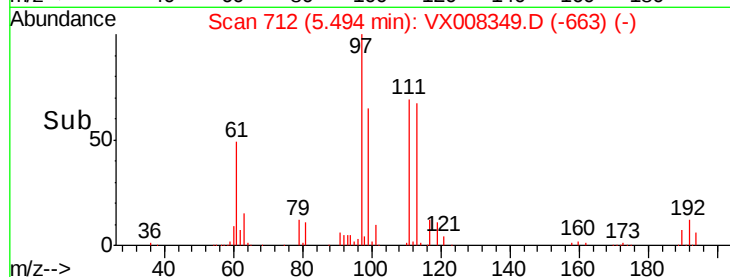
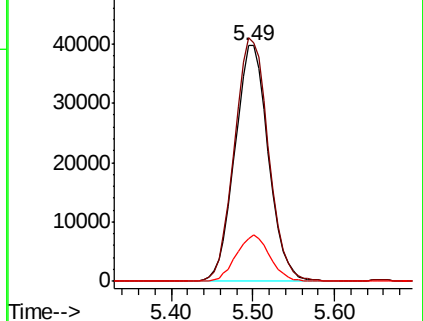
192 19.5 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.681 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

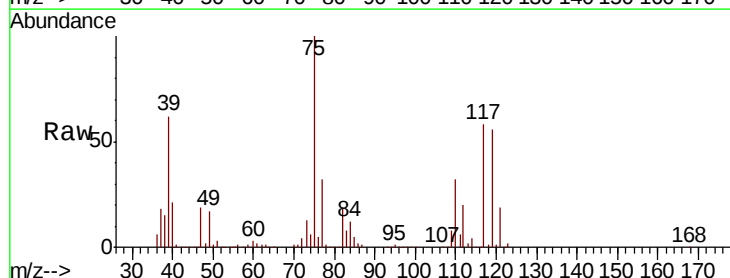
Tgt Ion: 75 Resp: 176880

Ion Ratio Lower Upper

75 100

110 32.3 18.4 55.0

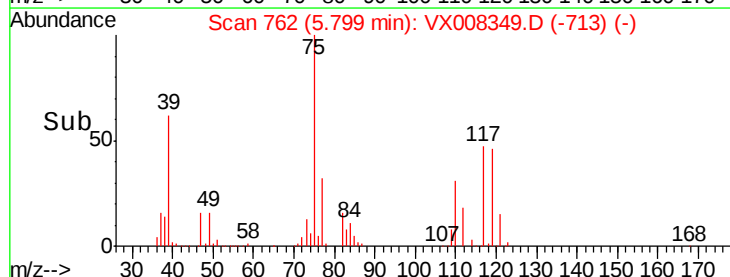
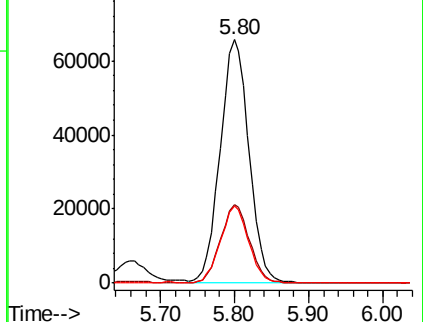
77 31.1 25.0 37.4

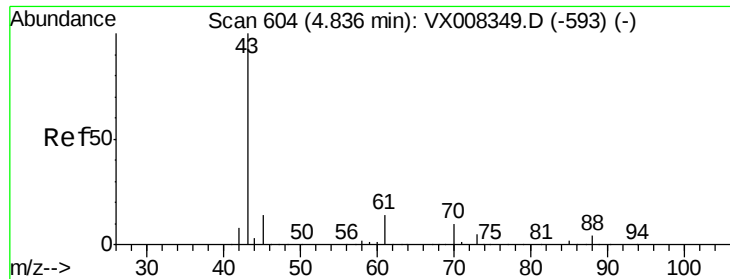


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.103 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

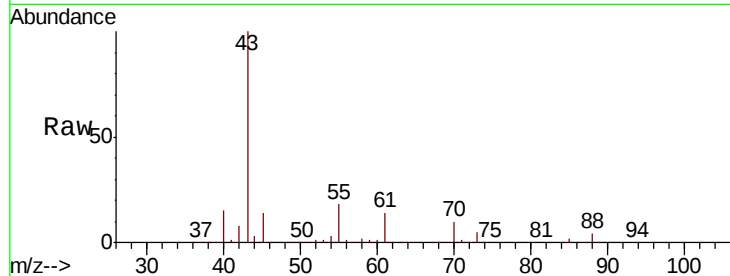
Tgt Ion: 43 Resp: 244614

Ion Ratio Lower Upper

43 100

61 13.7 11.3 16.9

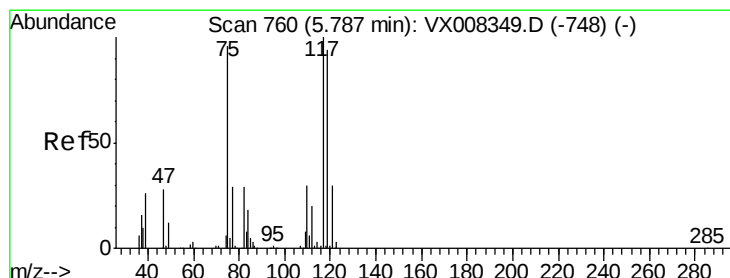
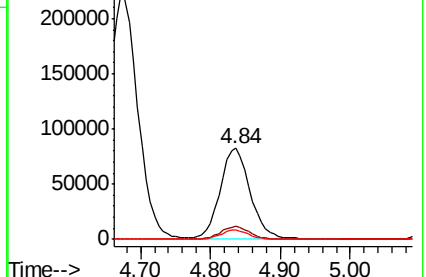
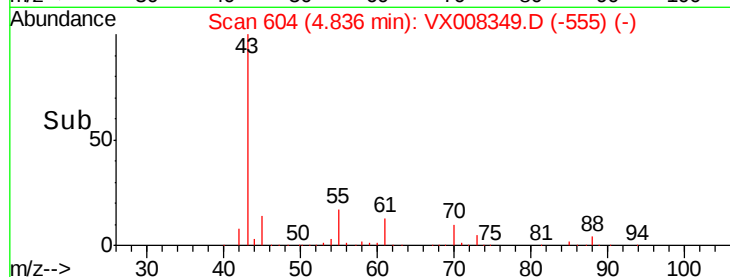
70 9.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX008349.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008349.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008349.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 42.241 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

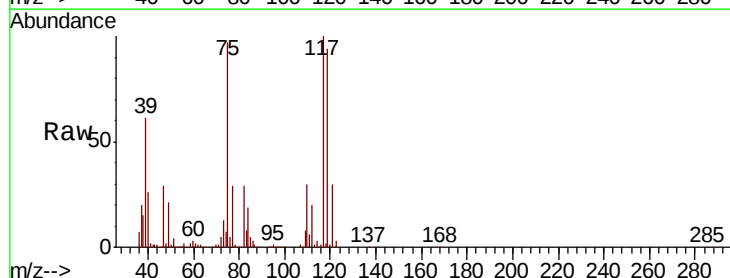
Tgt Ion: 117 Resp: 152403

Ion Ratio Lower Upper

117 100

119 93.8 76.2 114.2

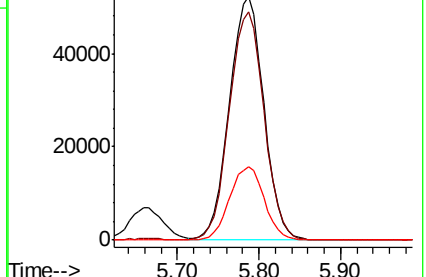
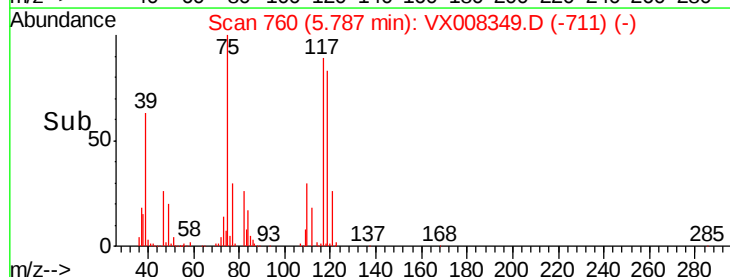
121 29.9 24.6 36.8

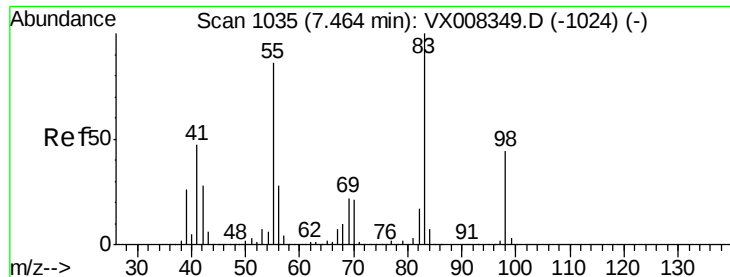


Abundance Ion 116.80 (116.50 to 117.50): VX008349.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX008349.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX008349.D (-748) (-)

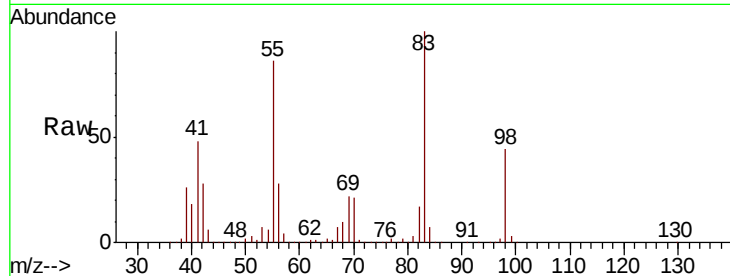




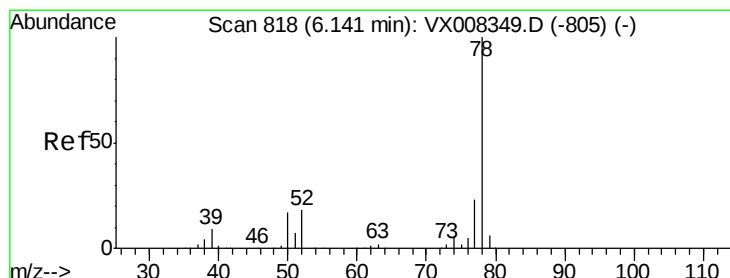
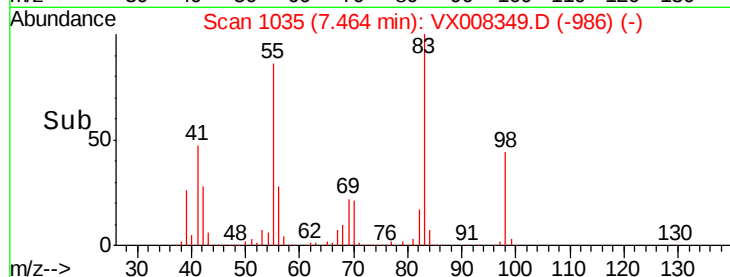
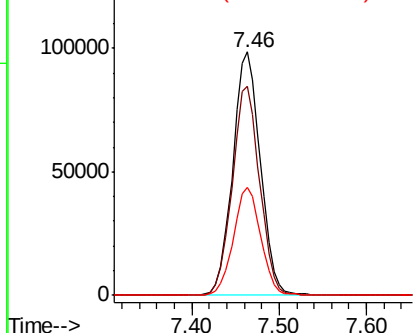
#39
Methylcyclohexane
Concen: 44.356 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion: 83 Resp: 216142
Ion Ratio Lower Upper
83 100
55 85.6 60.4 90.6
98 44.2 36.5 54.7

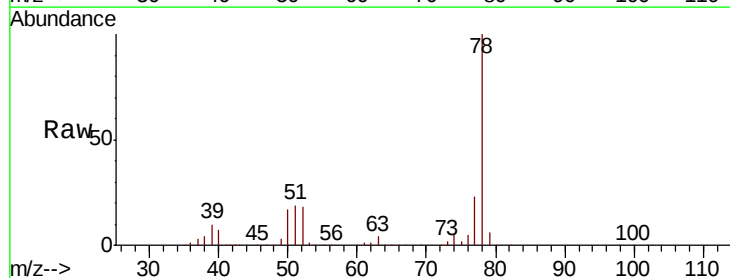


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

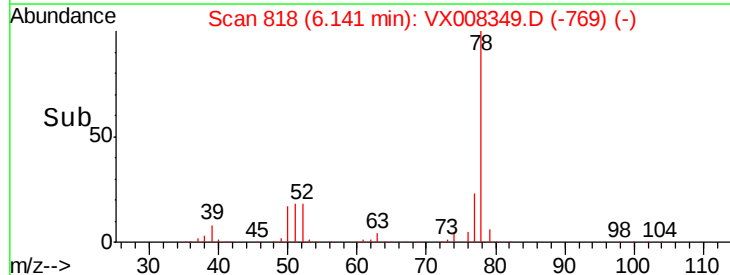
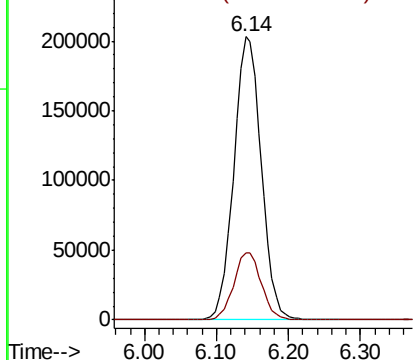


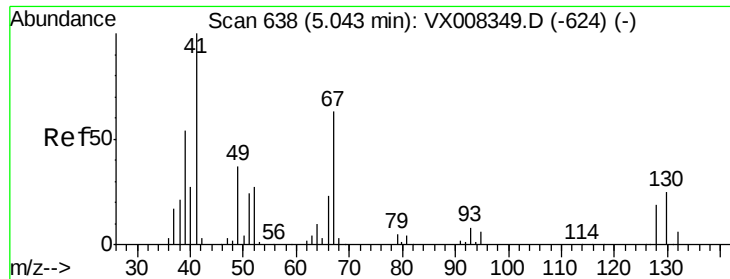
#40
Benzene
Concen: 44.691 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 78 Resp: 535625
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

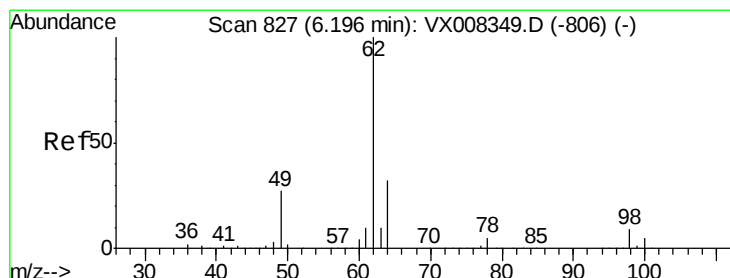
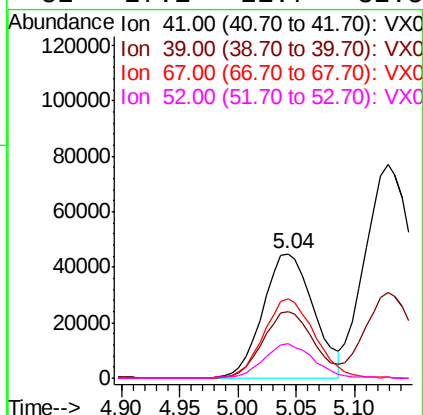
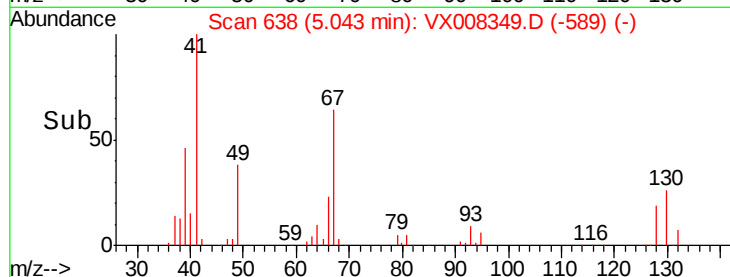
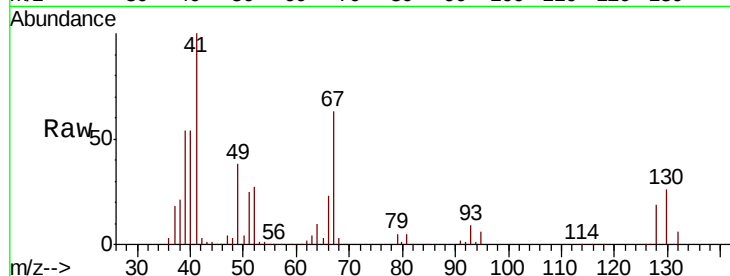




#41
Methacrylonitrile
Concen: 50.626 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

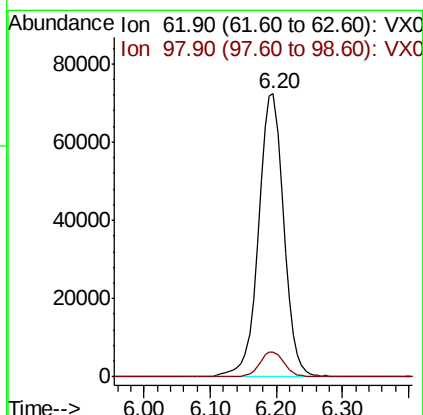
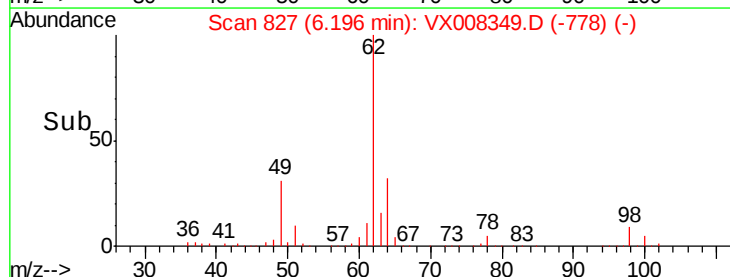
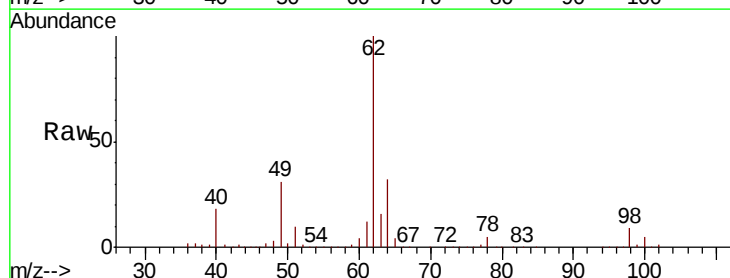
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

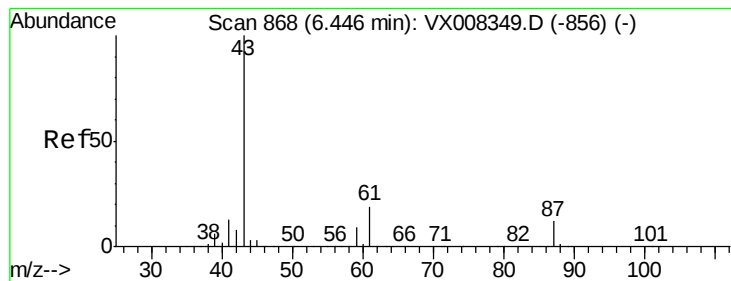
Tgt Ion:	41	Resp:	135930
Ion	Ratio	Lower	Upper
41	100		
39	52.7	41.6	62.4
67	64.7	55.8	83.6
52	27.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 43.520 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion:	62	Resp:	191073
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.4





#43

Isopropyl Acetate

Concen: 49.993 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

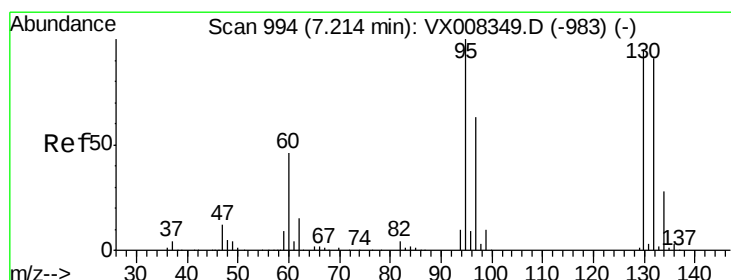
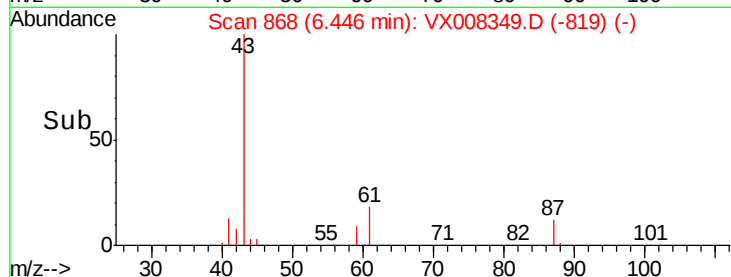
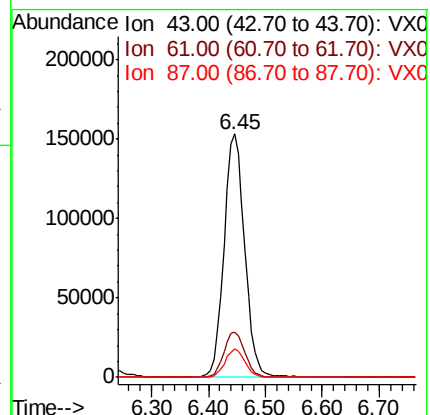
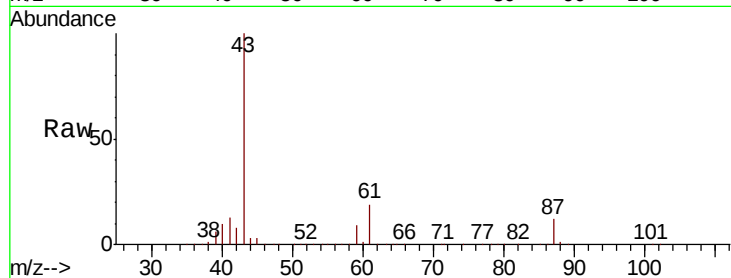
Tgt Ion: 43 Resp: 383577

Ion Ratio Lower Upper

43 100

61 19.3 16.3 24.5

87 11.3 10.5 15.7



#44

Trichloroethene

Concen: 41.516 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008349.D

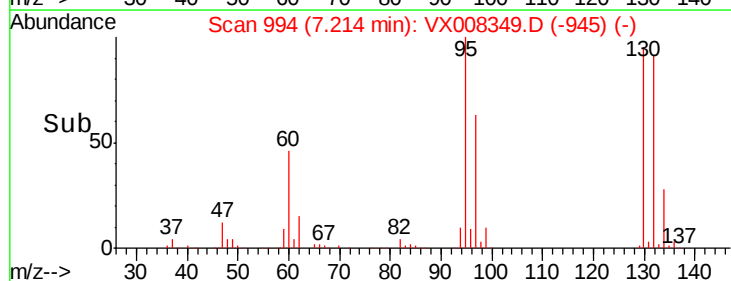
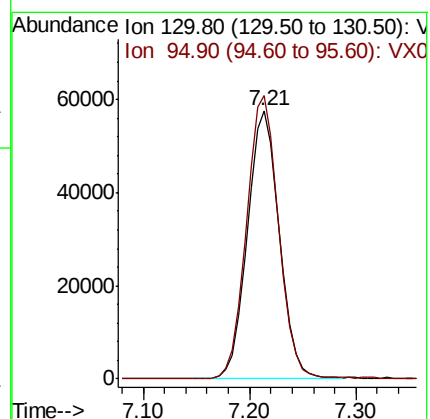
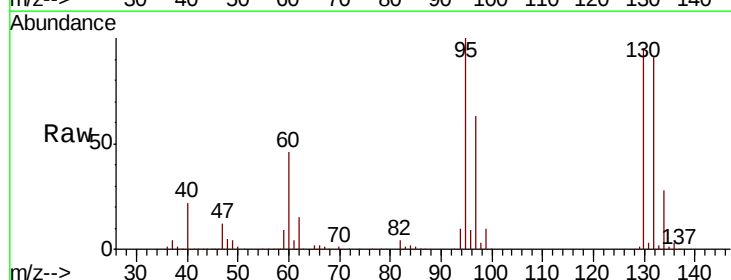
Acq: 23 Mar 2019 14:19

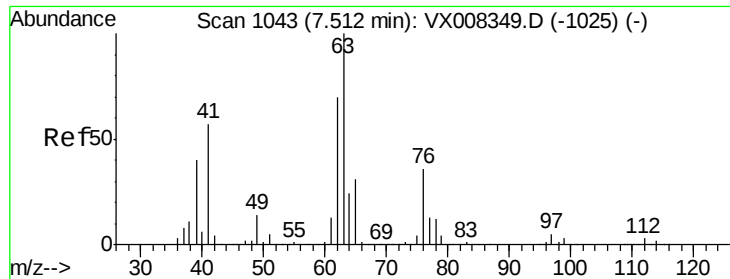
Tgt Ion: 130 Resp: 121663

Ion Ratio Lower Upper

130 100

95 105.6 0.0 188.0

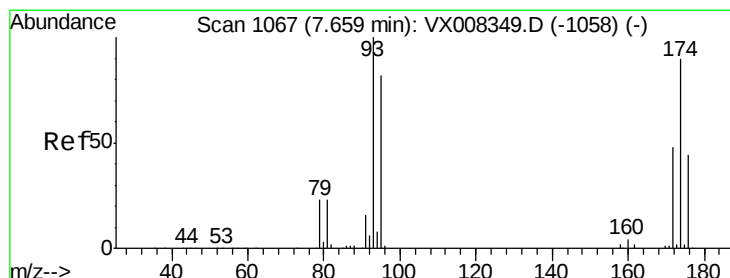
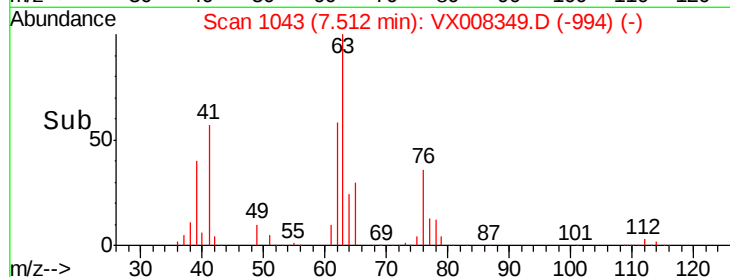
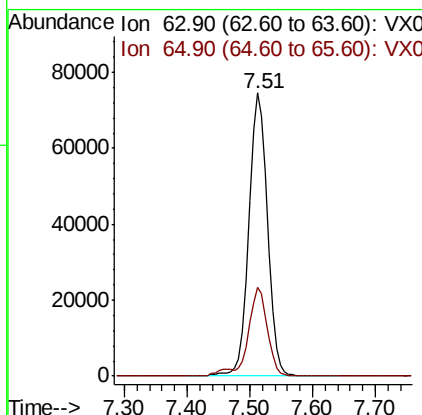
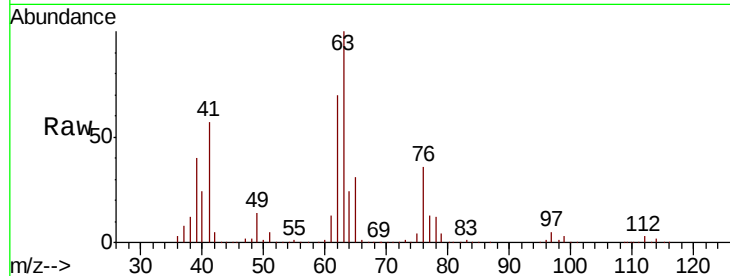




#45
 1,2-Dichloropropane
 Concen: 45.787 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

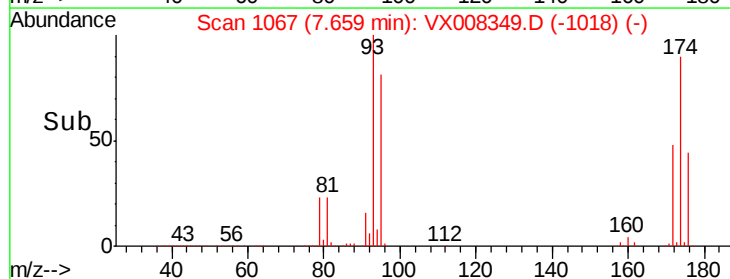
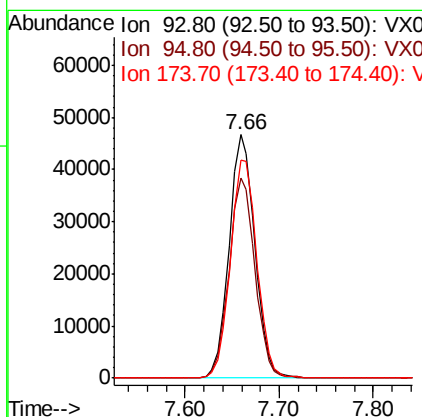
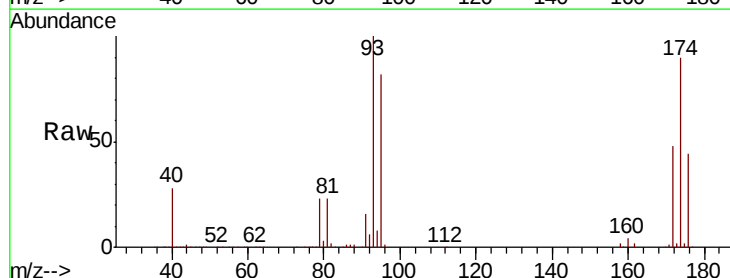
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

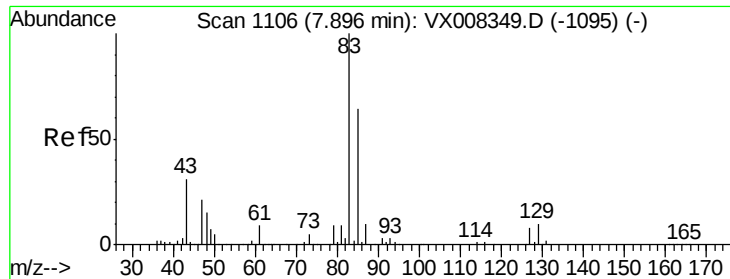
Tgt Ion: 63 Resp: 153619
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 43.617 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 93 Resp: 88604
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 92.4 97.3 145.9#

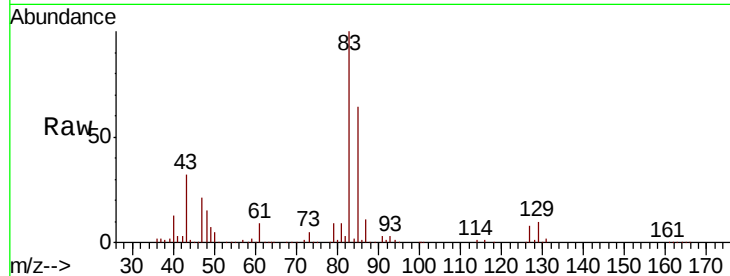




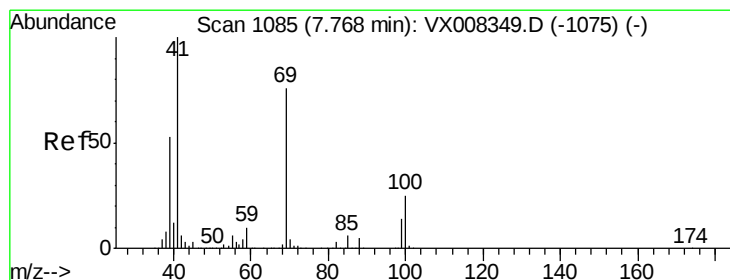
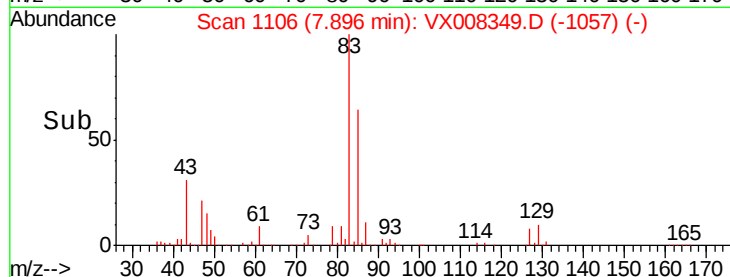
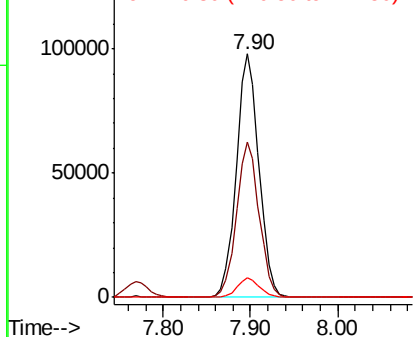
#47
 Bromodichloromethane
 Concen: 45.391 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 83 Resp: 175725
 Ion Ratio Lower Upper
 83 100
 85 63.9 50.9 76.3
 127 8.1 7.4 11.0

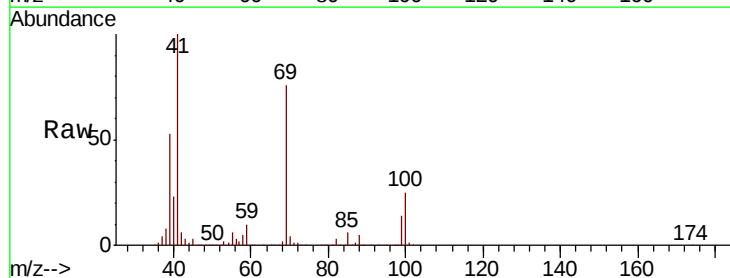


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

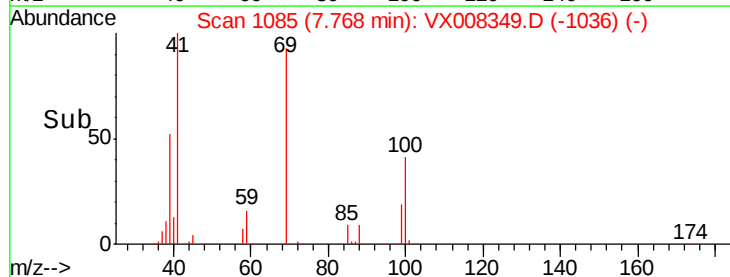
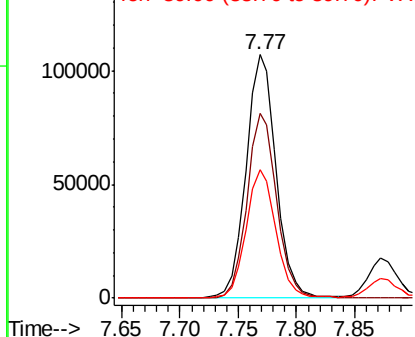


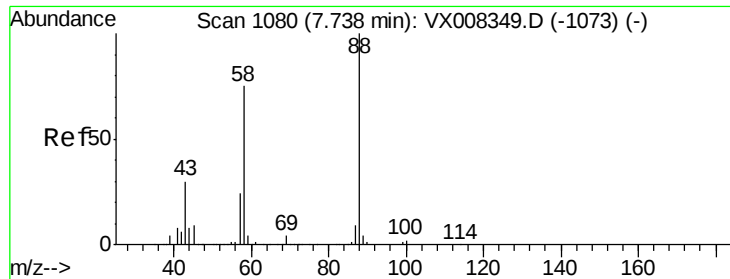
#48
 Methyl methacrylate
 Concen: 46.907 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 41 Resp: 191360
 Ion Ratio Lower Upper
 41 100
 69 75.5 65.2 97.8
 39 52.3 39.4 59.2



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

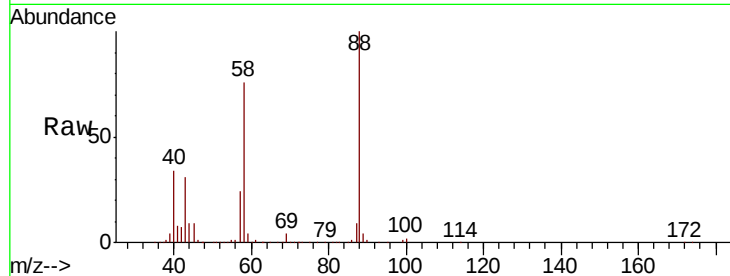




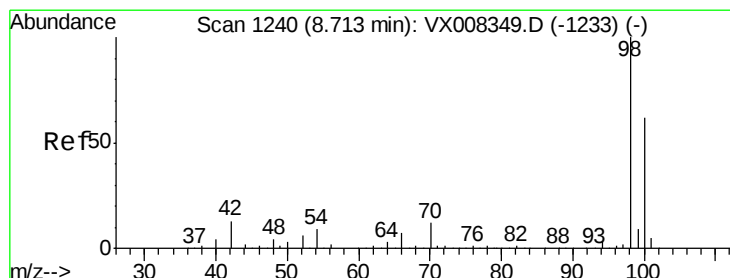
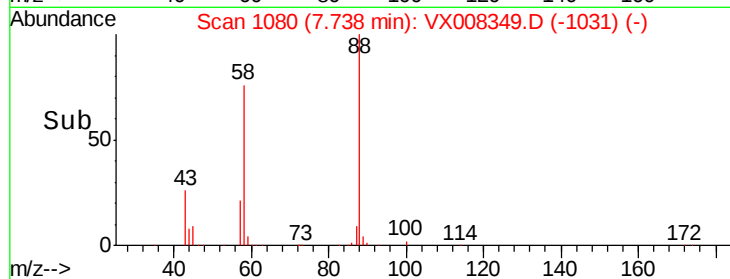
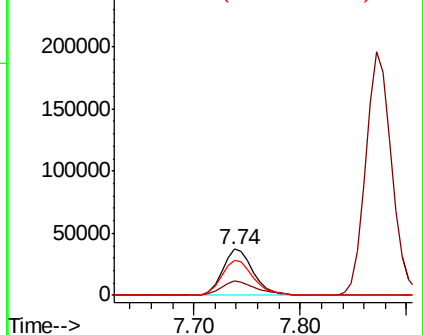
#49
1,4-Dioxane
Concen: 1041.125 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion: 88 Resp: 74952
Ion Ratio Lower Upper
88 100
43 36.1 25.1 37.7
58 78.7 57.8 86.6

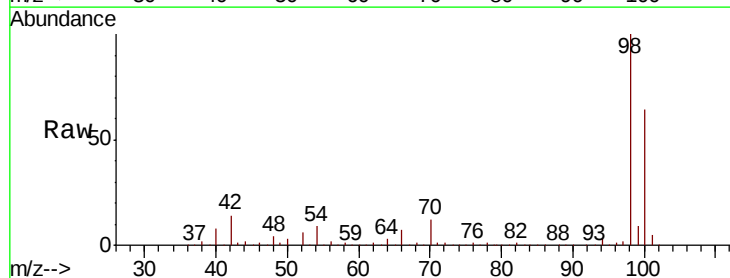


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

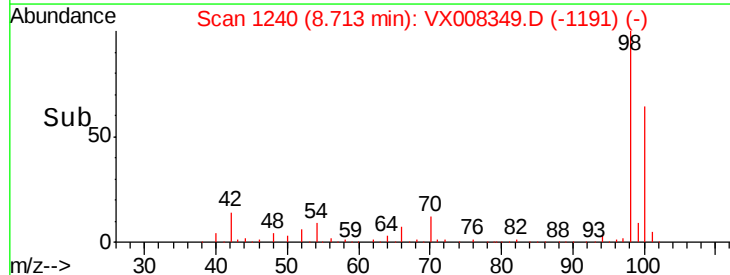
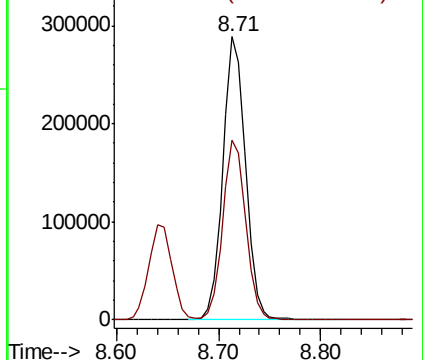


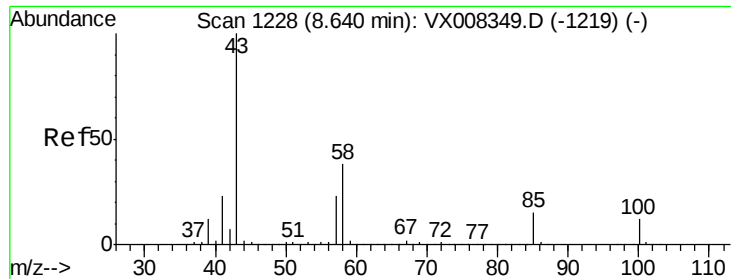
#50
Toluene-d8
Concen: 50.566 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 98 Resp: 446362
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



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

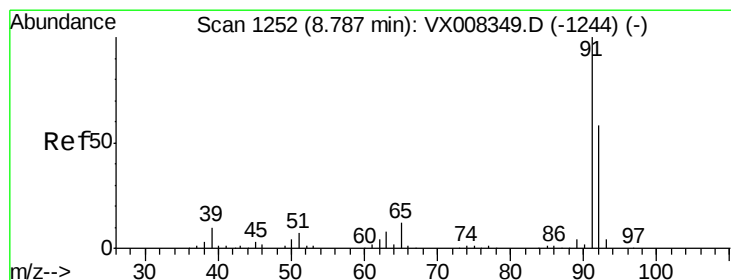
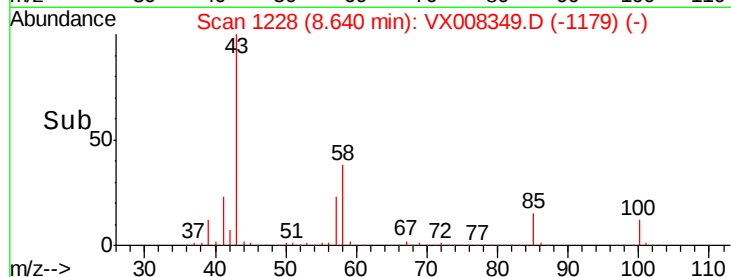
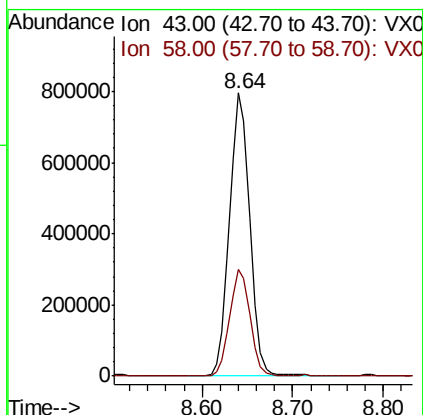
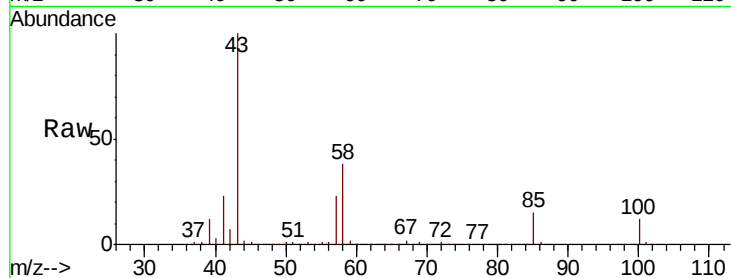




#51
 4-Methyl-2-Pentanone
 Concen: 249.822 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

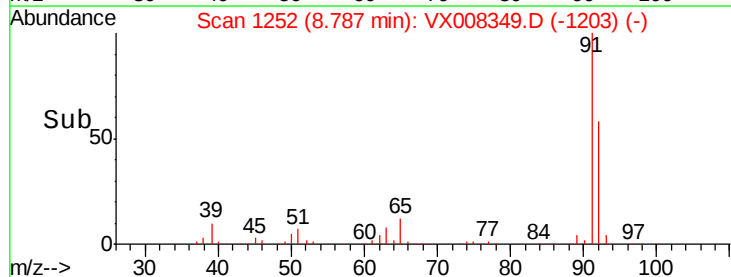
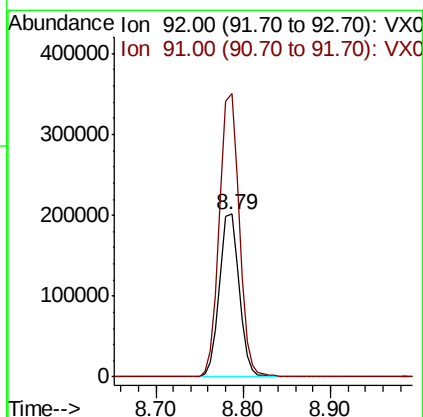
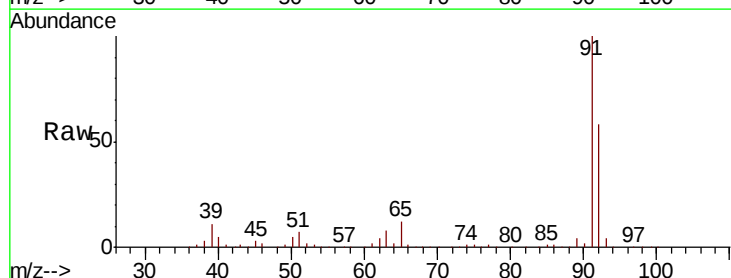
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

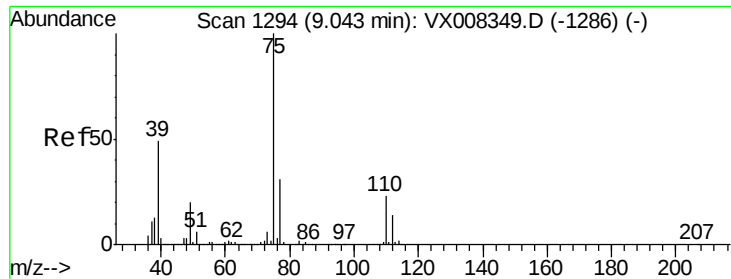
Tgt Ion: 43 Resp: 1239178
 Ion Ratio Lower Upper
 43 100
 58 37.6 31.3 46.9



#52
 Toluene
 Concen: 44.485 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 92 Resp: 316303
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 45.353 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

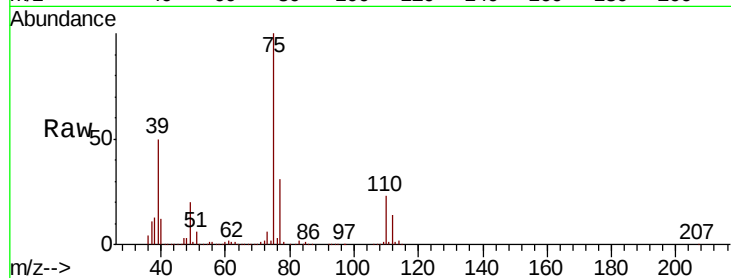
VSTDICCC050

Tgt Ion: 75 Resp: 196496

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

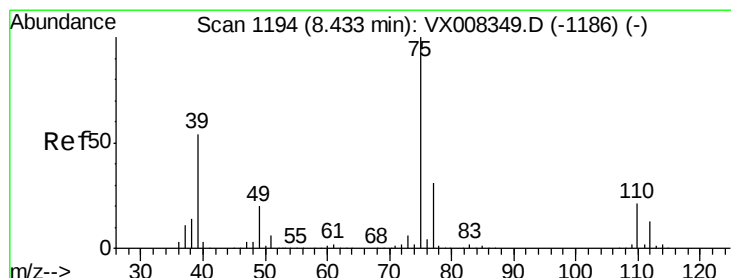
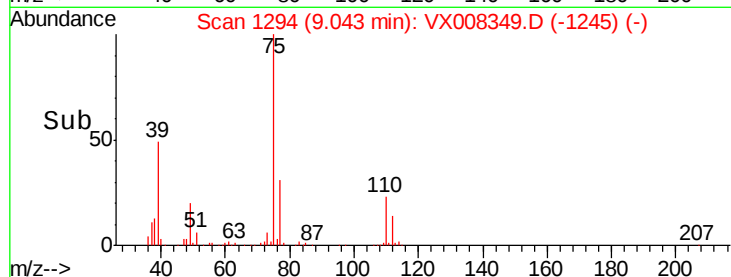
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 46.693 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

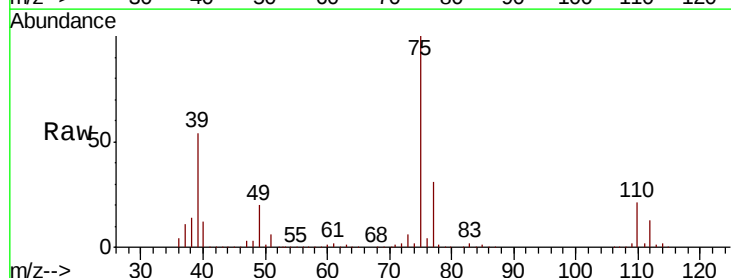
Tgt Ion: 75 Resp: 224344

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 53.6 36.6 54.8



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

8.43

200000

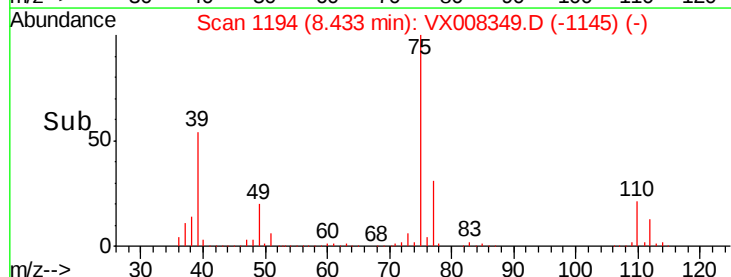
150000

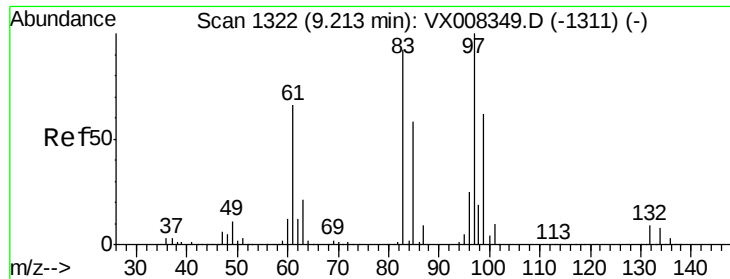
100000

50000

0

Time--> 8.40 8.50

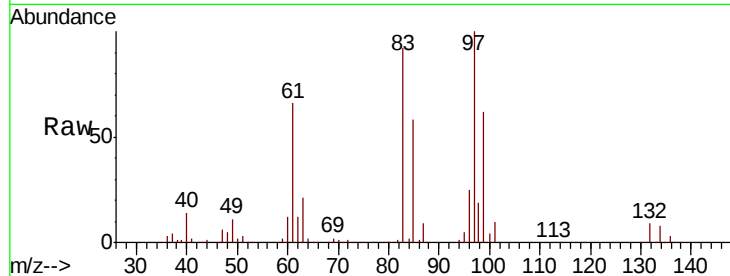




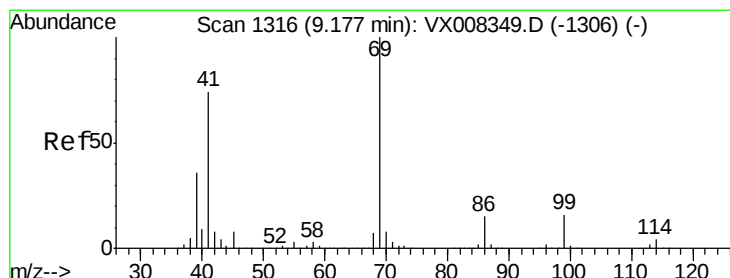
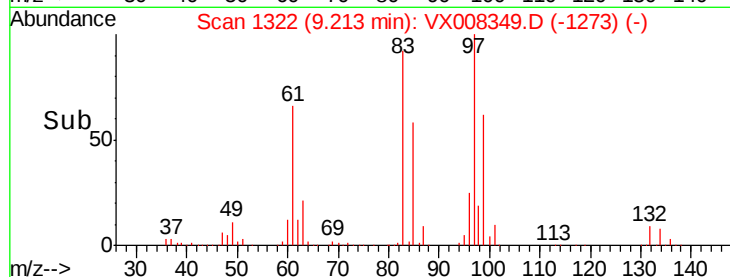
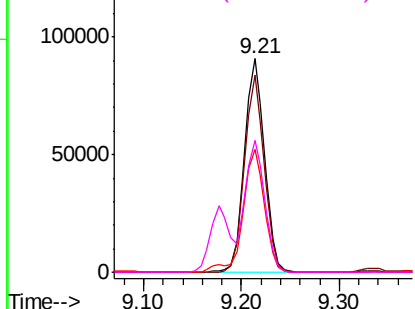
#55
 1,1,2-Trichloroethane
 Concen: 45.128 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 129642
 Ion Ratio Lower Upper
 97 100
 83 92.3 69.1 103.7
 85 57.5 44.3 66.5
 99 62.0 49.8 74.8

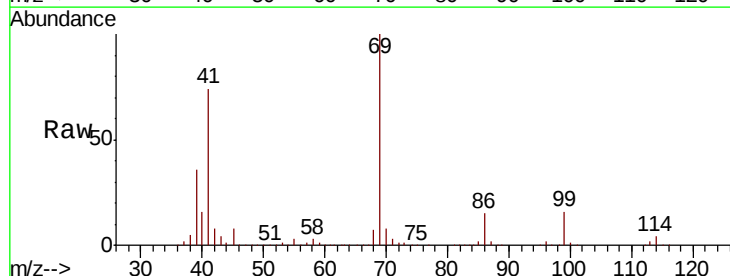


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

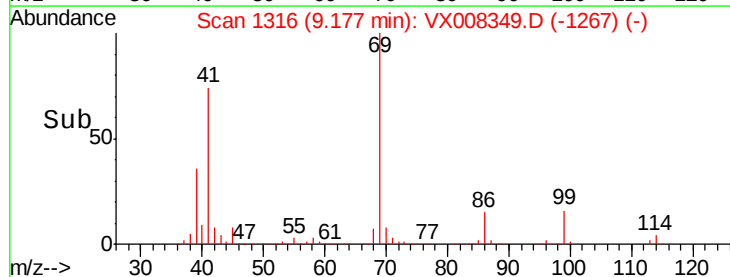
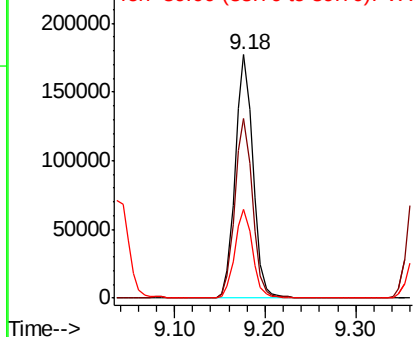


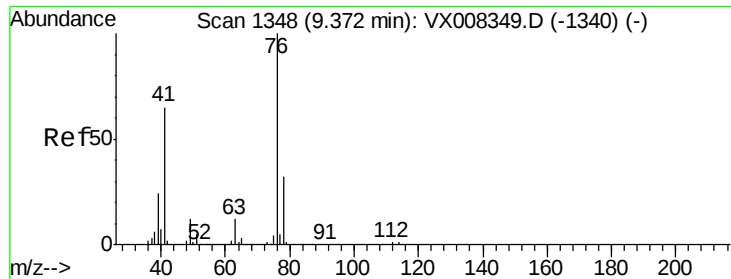
#56
 Ethyl methacrylate
 Concen: 52.442 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 69 Resp: 240989
 Ion Ratio Lower Upper
 69 100
 41 73.7 54.2 81.4
 39 36.6 25.0 37.4



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

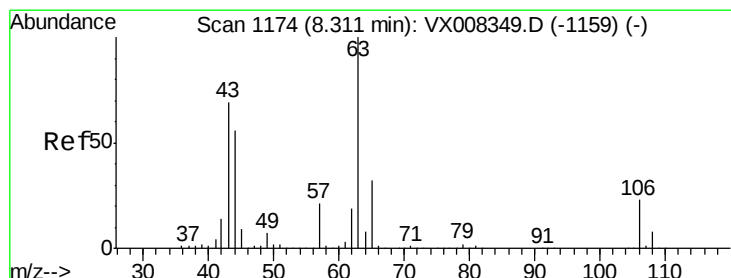
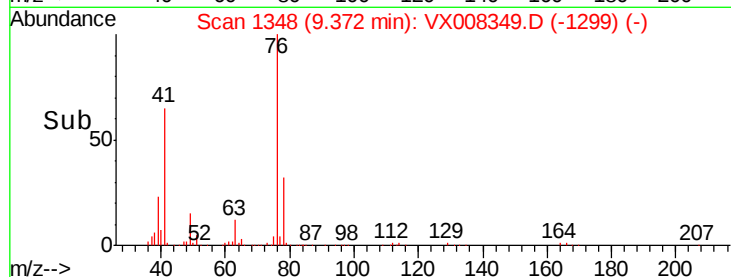
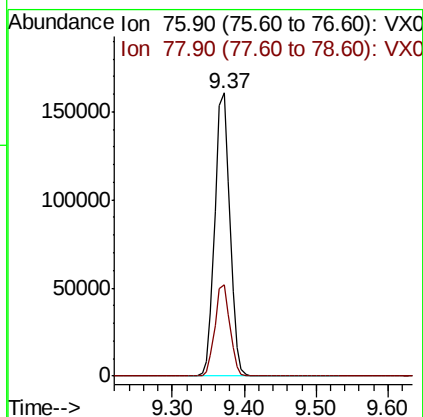
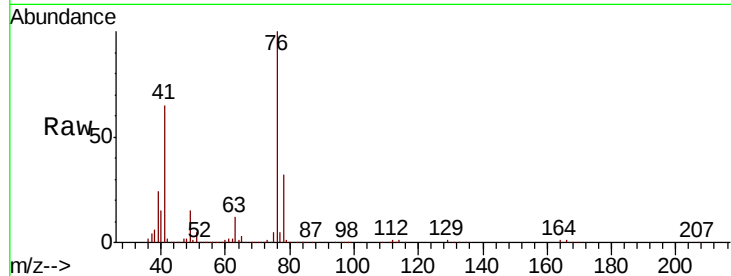




#57
 1,3-Dichloropropane
 Concen: 45.890 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

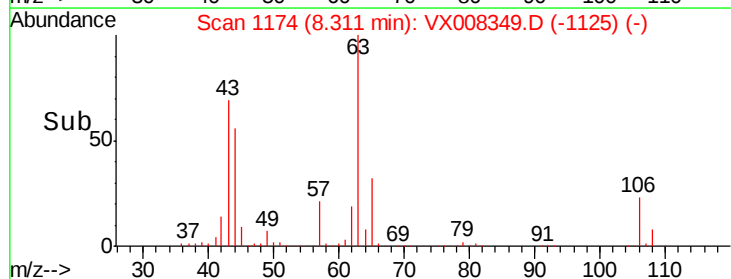
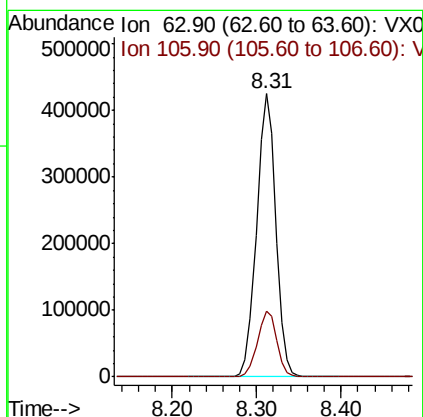
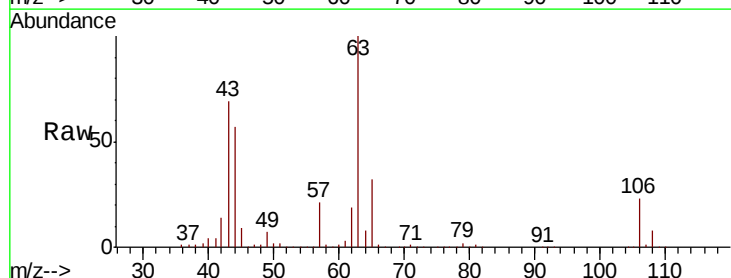
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

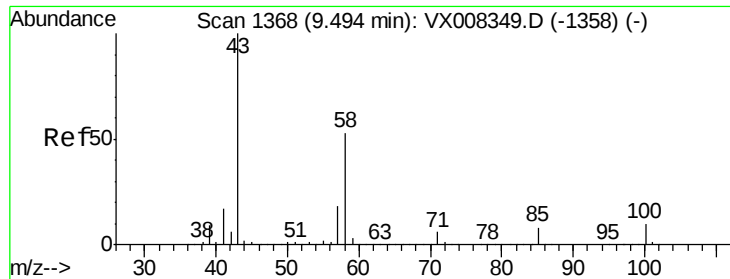
Tgt Ion: 76 Resp: 233211
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.198 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 63 Resp: 659522
 Ion Ratio Lower Upper
 63 100
 106 23.5 22.2 33.2

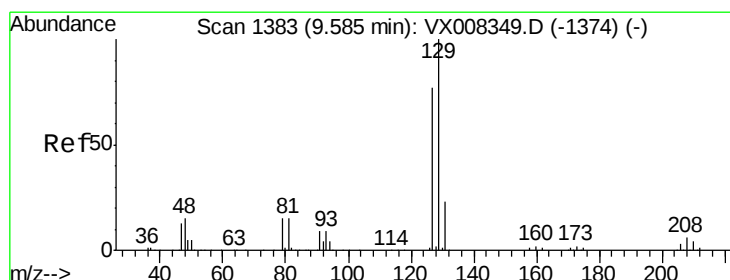
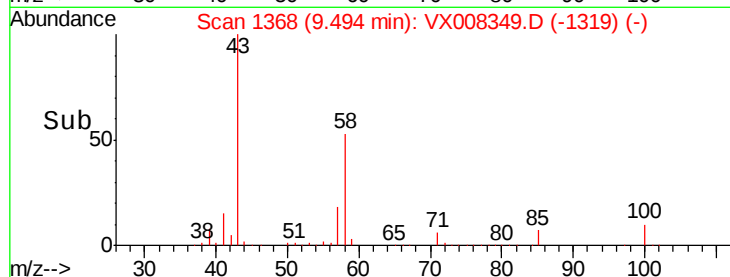
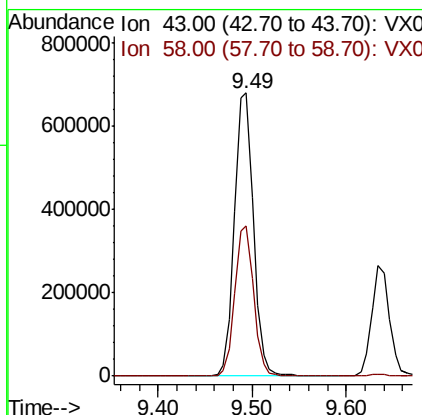
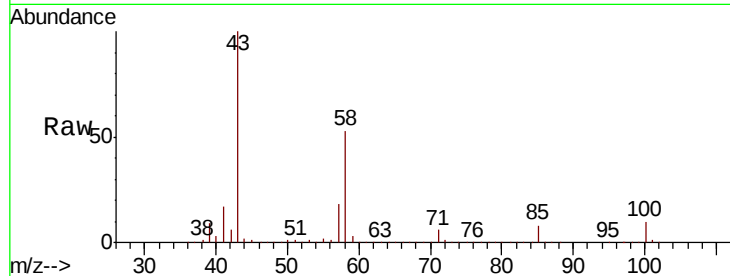




#59
2-Hexanone
Concen: 248.942 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

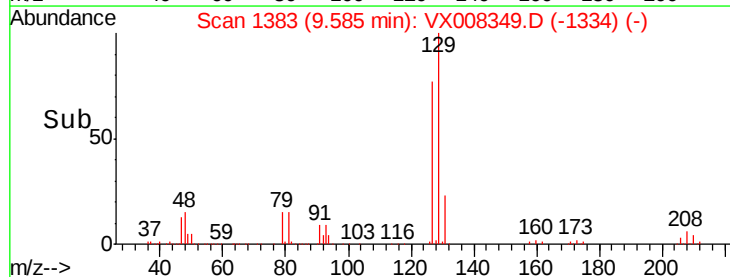
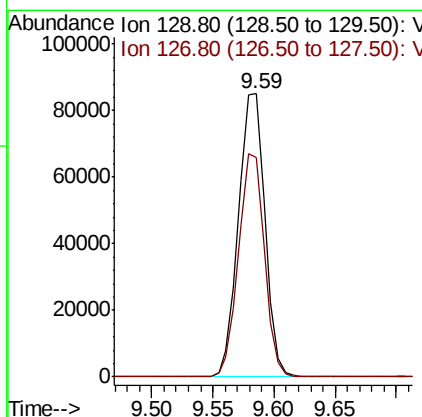
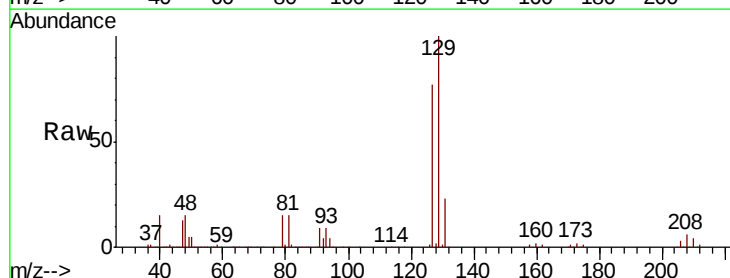
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

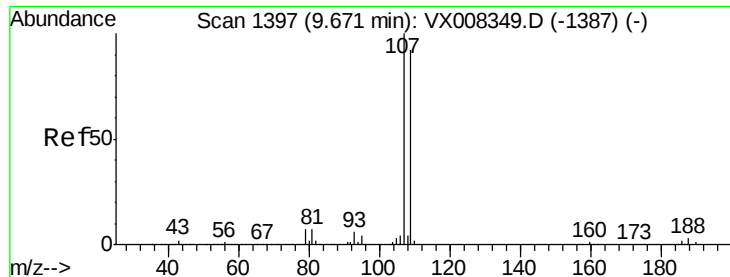
Tgt Ion: 43 Resp: 950656
Ion Ratio Lower Upper
43 100
58 52.7 27.6 82.7



#60
Dibromochloromethane
Concen: 46.280 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 129 Resp: 127774
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8

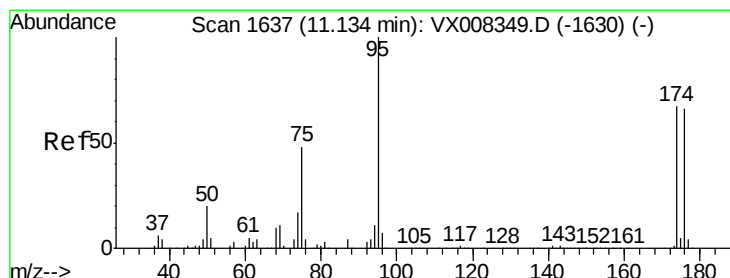
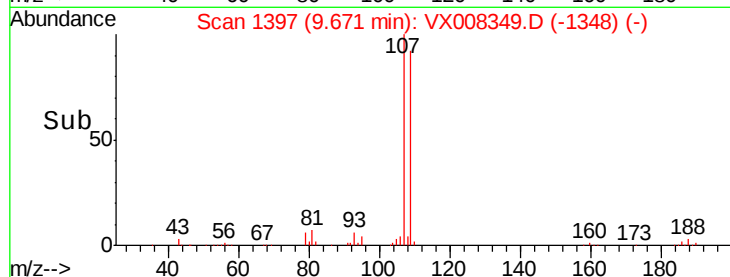
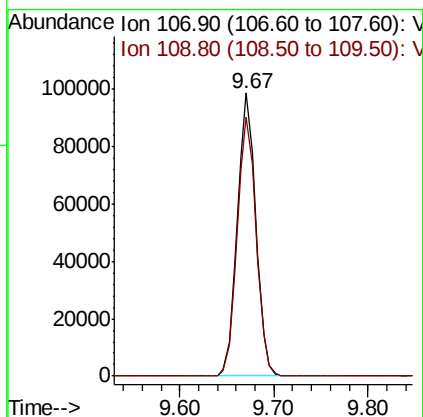
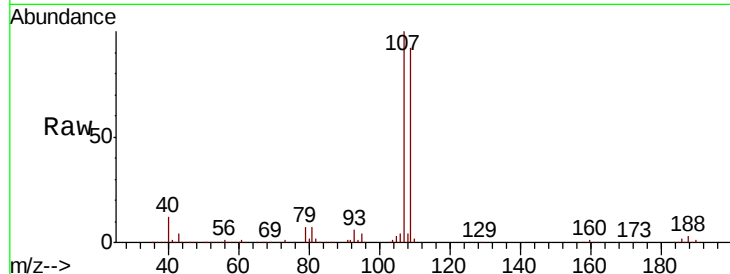




#61
 1,2-Dibromoethane
 Concen: 44.960 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

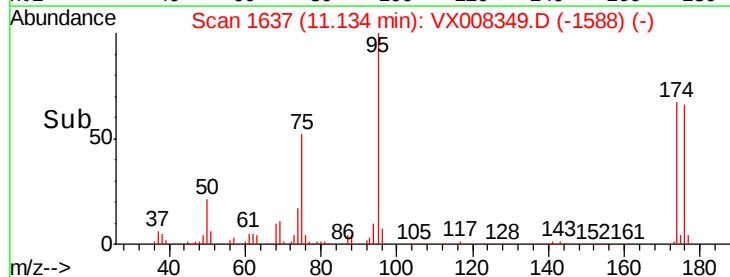
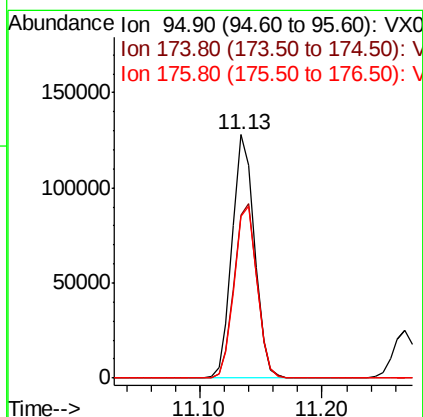
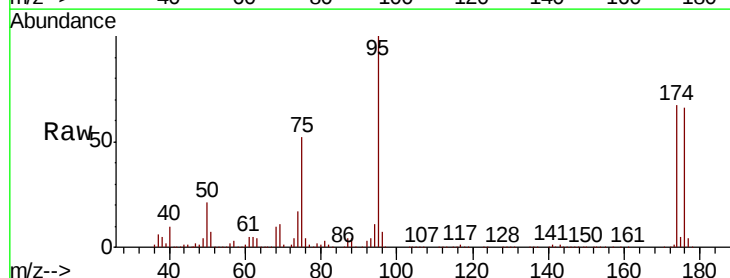
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

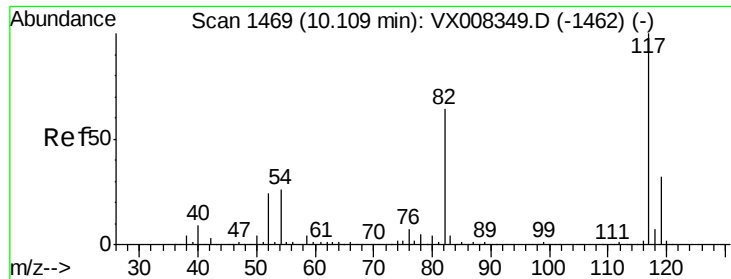
Tgt Ion: 107 Resp: 134864
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 53.004 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 95 Resp: 161101
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 182.8
 176 72.0 0.0 178.0

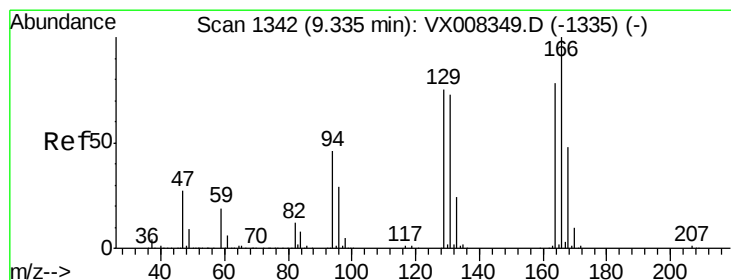
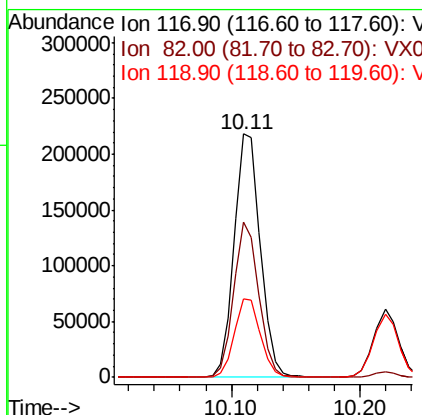
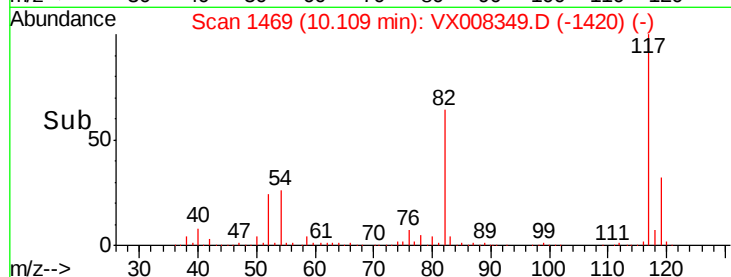
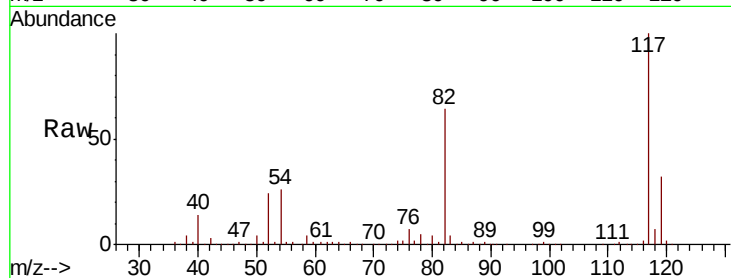




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

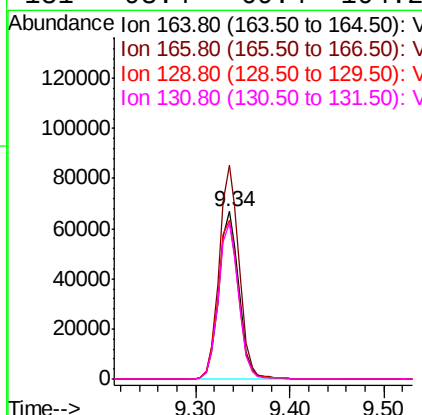
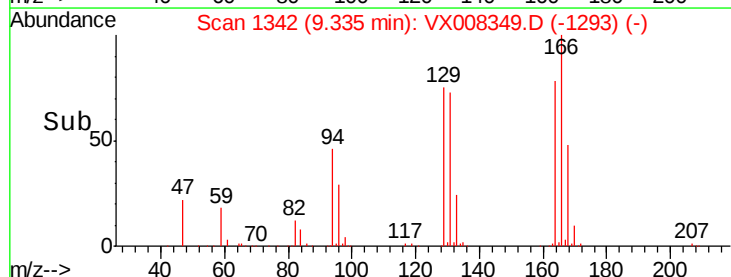
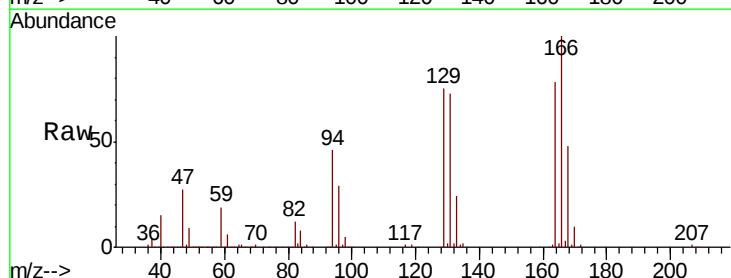
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

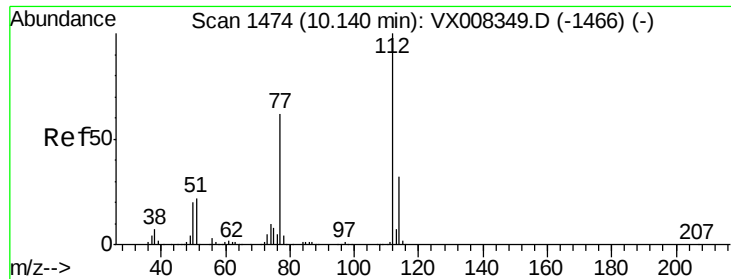
Tgt Ion:117 Resp: 309740
Ion Ratio Lower Upper
117 100
82 63.6 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 35.246 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion:164 Resp: 98492
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.0
129 95.0 72.2 108.4
131 93.4 69.4 104.2

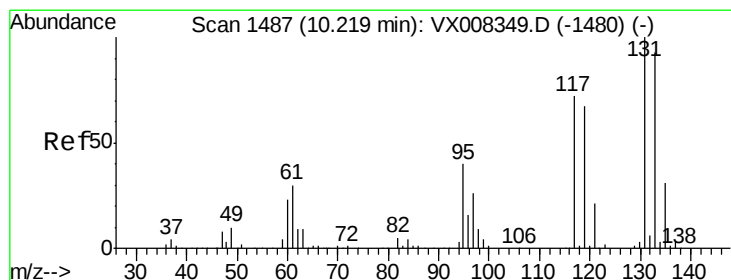
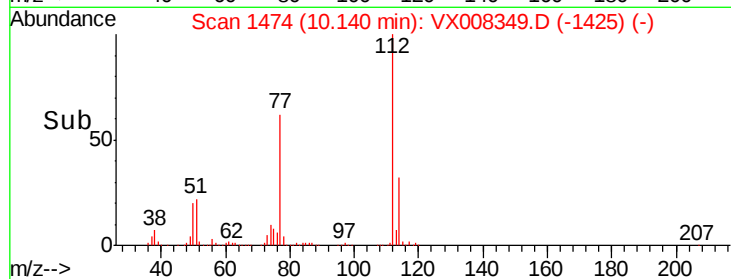
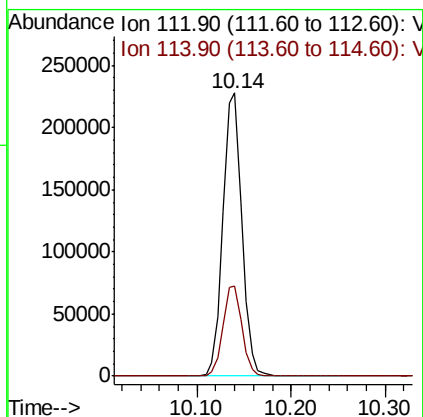
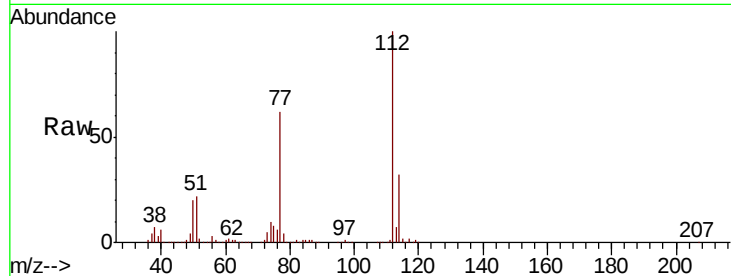




#65
Chlorobenzene
Concen: 41.685 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

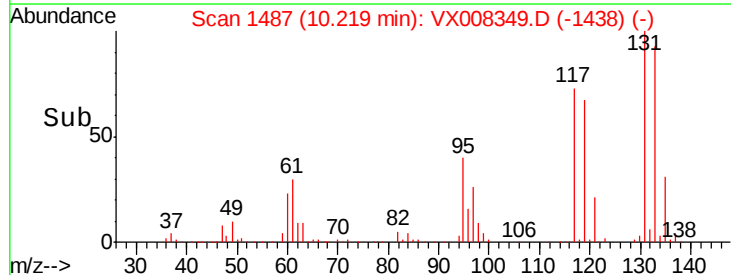
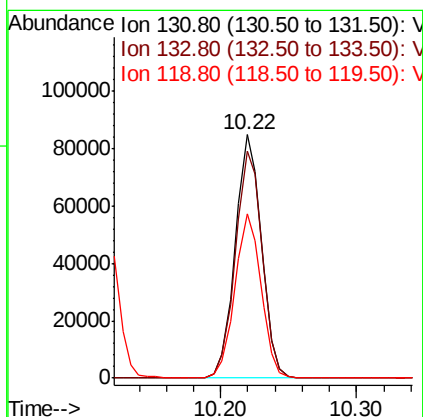
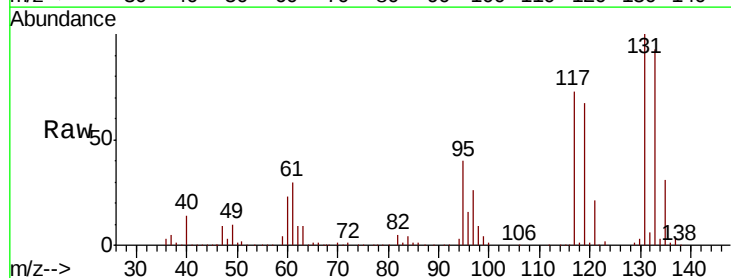
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

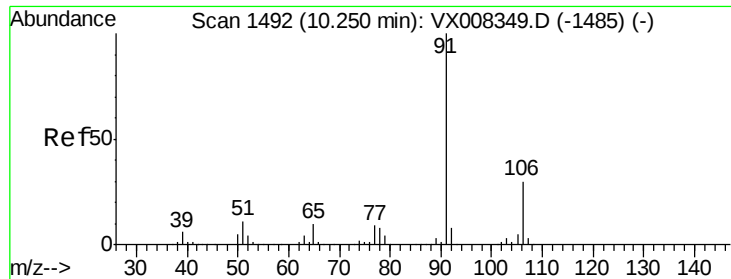
Tgt Ion:112 Resp: 317697
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 42.725 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion:131 Resp: 113533
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.7 32.5 97.5

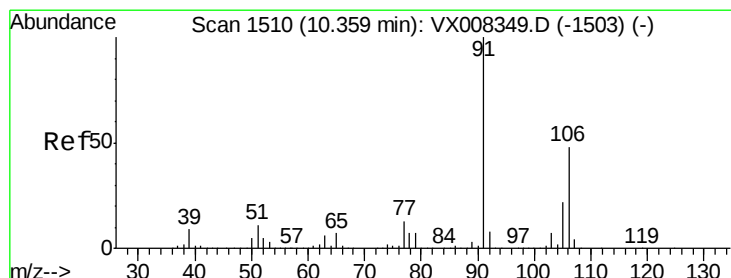
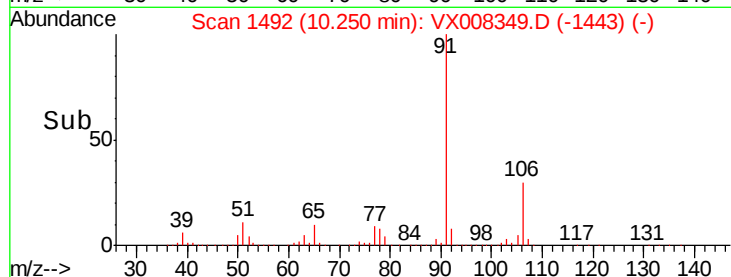
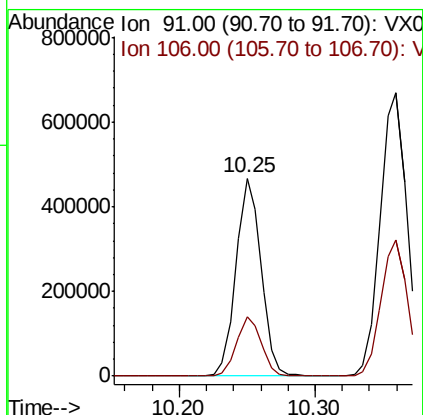
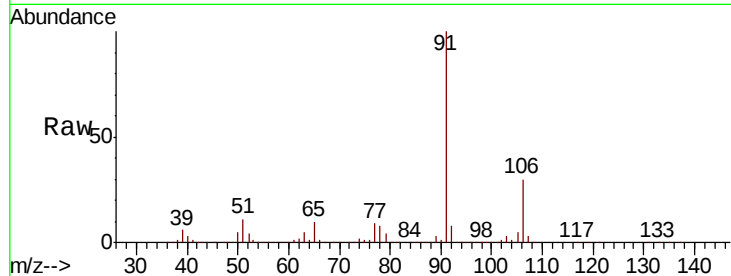




#67
Ethyl Benzene
Concen: 44.744 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

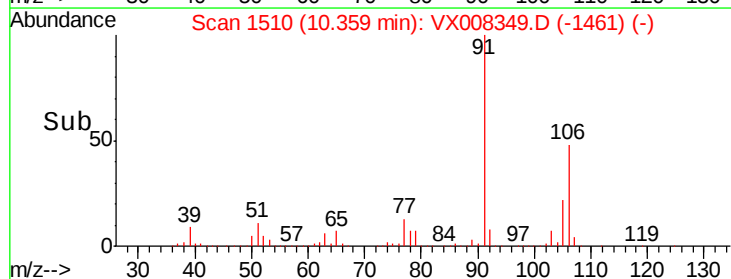
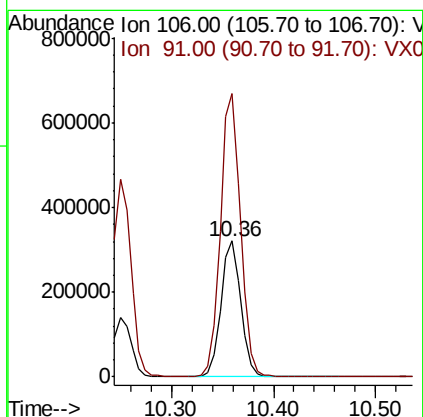
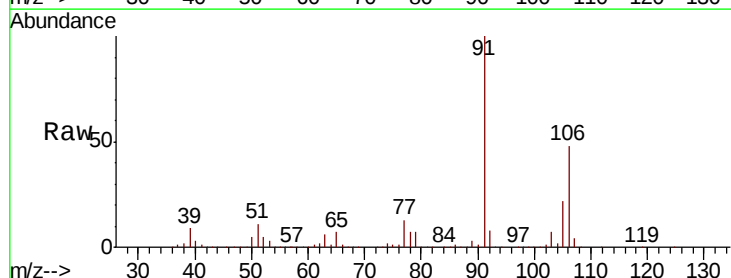
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

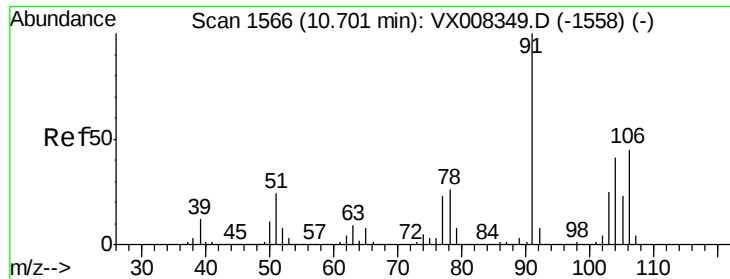
Tgt Ion: 91 Resp: 600934
Ion Ratio Lower Upper
91 100
106 30.0 25.2 37.8



#68
m/p-Xylenes
Concen: 88.366 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 106 Resp: 435958
Ion Ratio Lower Upper
106 100
91 211.9 159.8 239.6

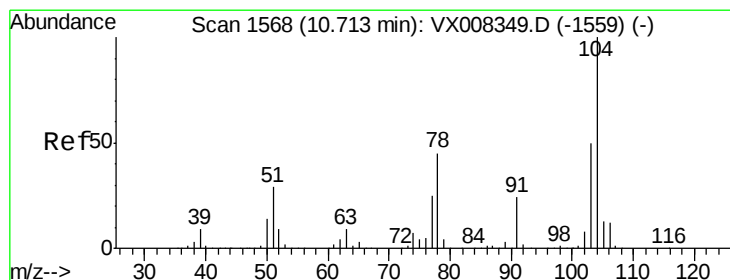
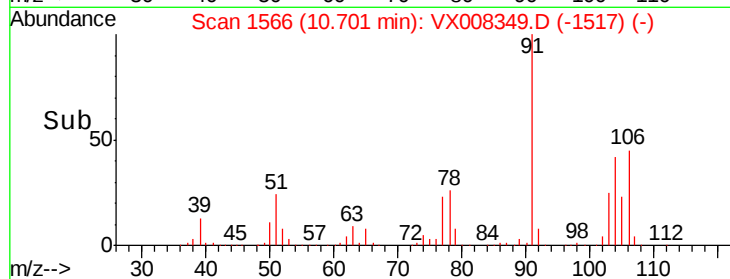
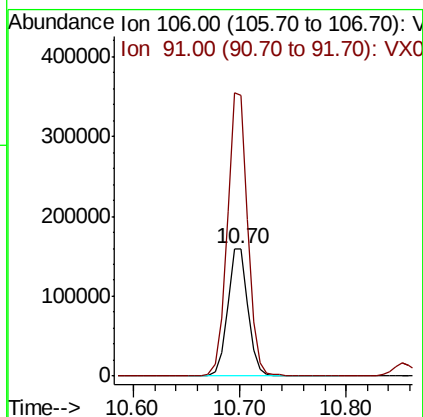
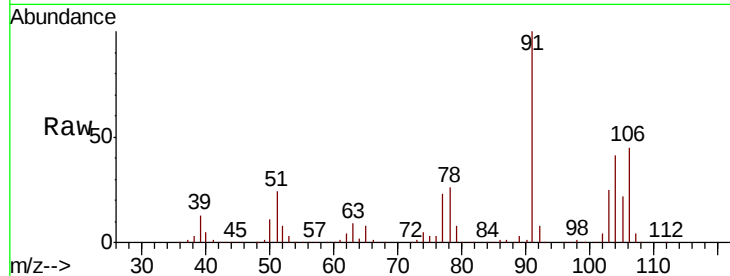




#69
o-Xylene
Concen: 44.330 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

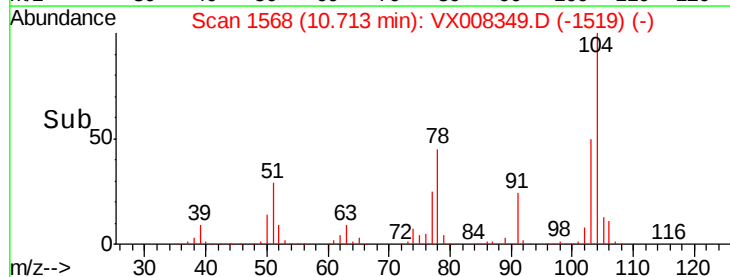
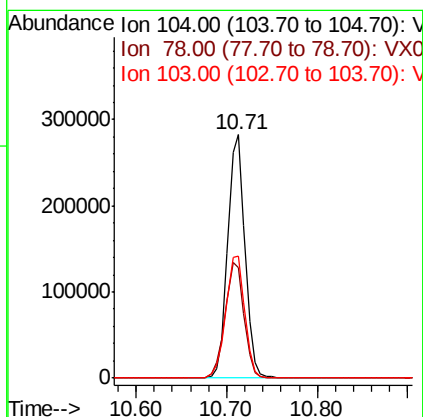
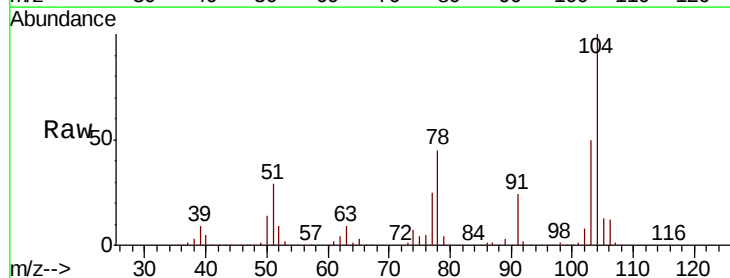
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

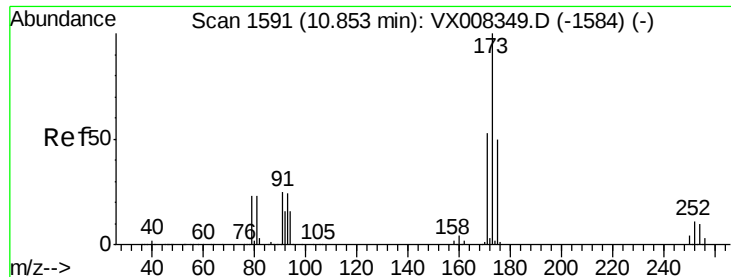
Tgt Ion:106 Resp: 212515
Ion Ratio Lower Upper
106 100
91 221.6 106.3 318.9



#70
Styrene
Concen: 47.974 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion:104 Resp: 373764
Ion Ratio Lower Upper
104 100
78 52.6 38.5 57.7
103 55.5 44.1 66.1





#71

Bromoform

Concen: 44.182 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

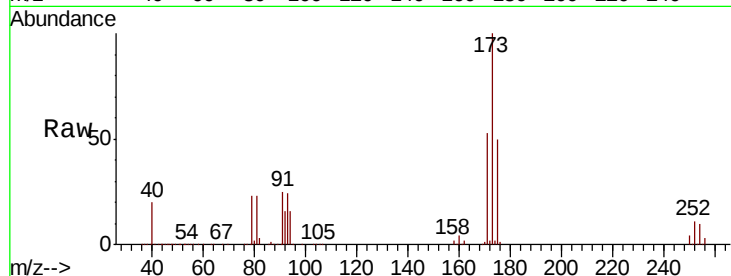
Tgt Ion:173 Resp: 89305

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.9

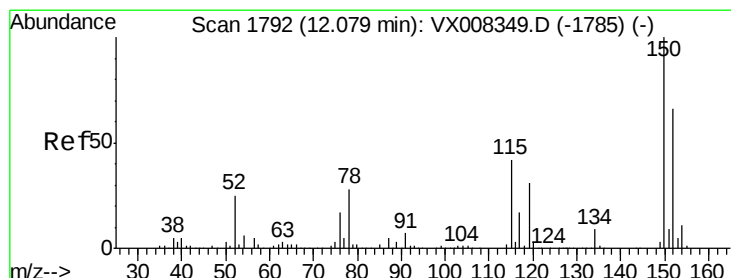
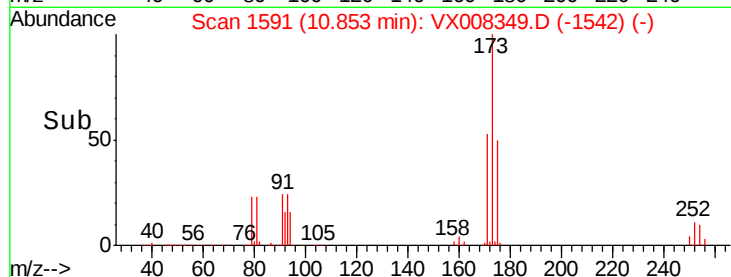
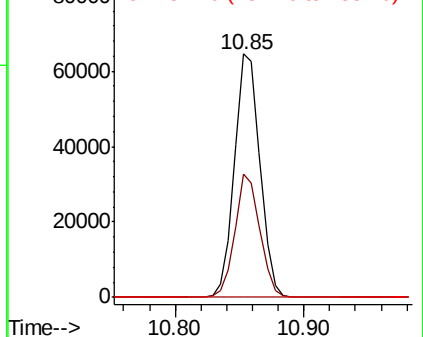
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

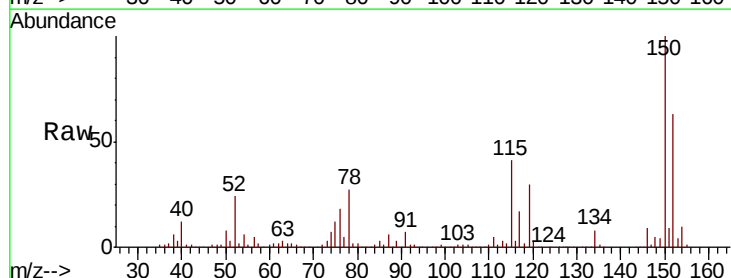
Tgt Ion:152 Resp: 143925

Ion Ratio Lower Upper

152 100

115 87.7 38.6 115.7

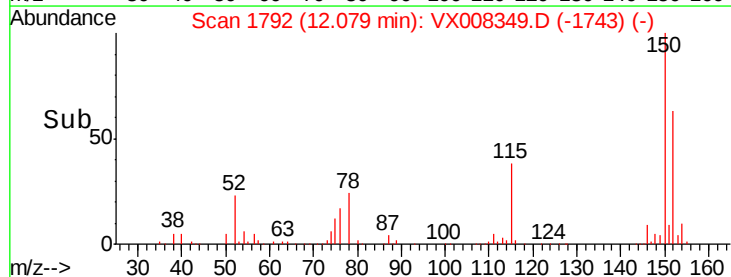
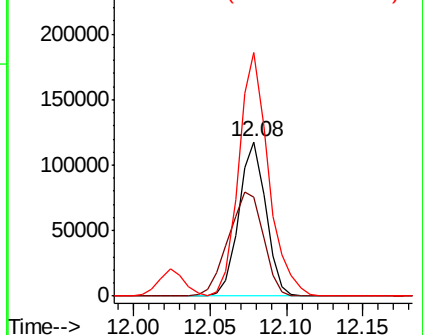
150 172.8 0.0 348.4

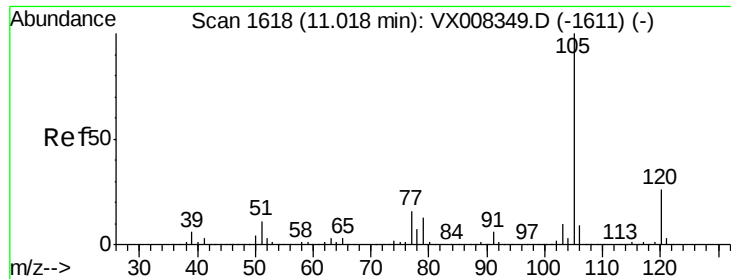


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

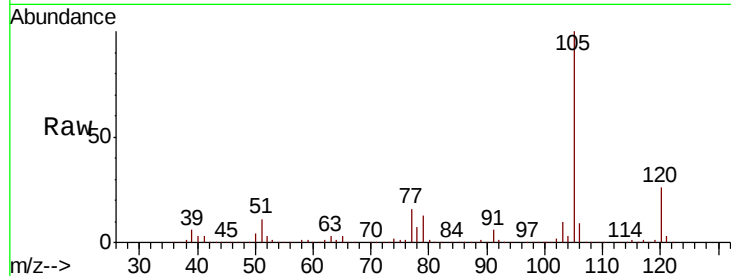
VSTDICCC050

Tgt Ion: 105 Resp: 559572

Ion Ratio Lower Upper

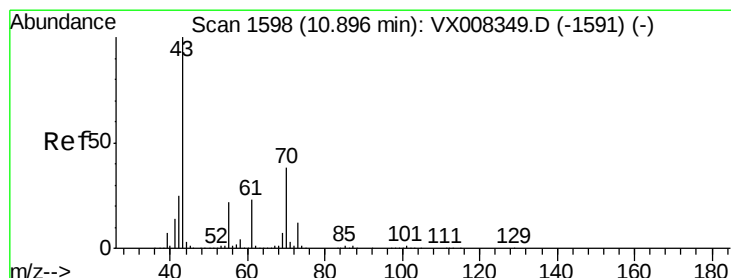
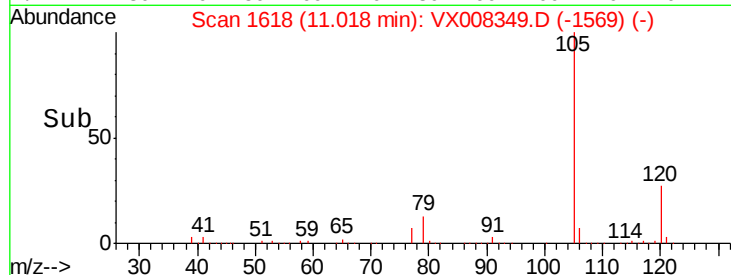
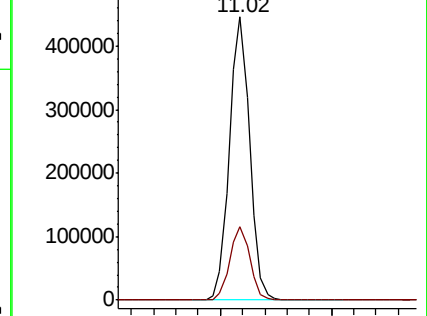
105 100

120 25.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.493 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Tgt Ion: 43 Resp: 346104

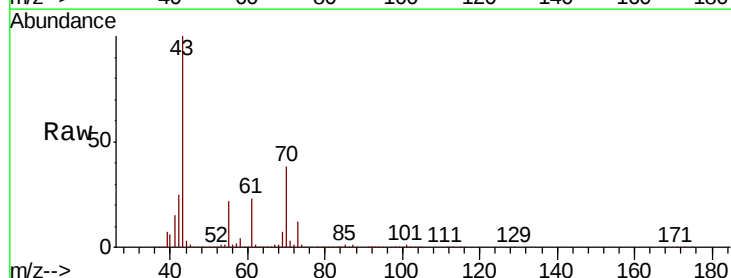
Ion Ratio Lower Upper

43 100

70 38.4 33.5 50.3

55 22.8 19.2 28.8

61 23.1 19.0 28.6

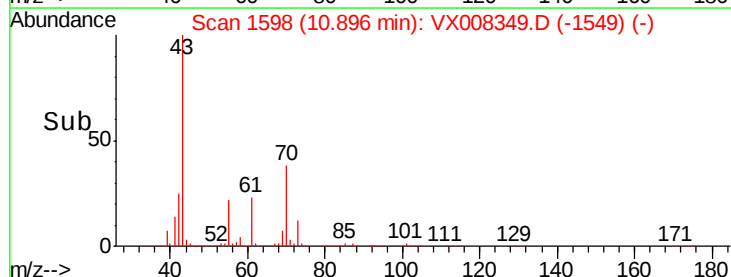
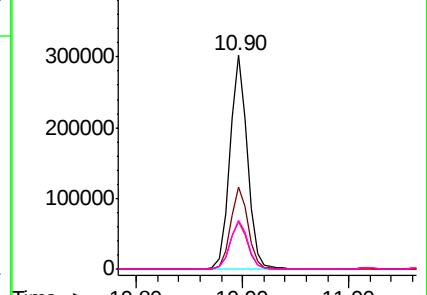


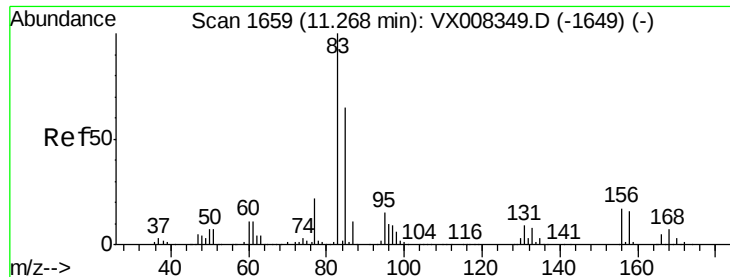
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.918 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

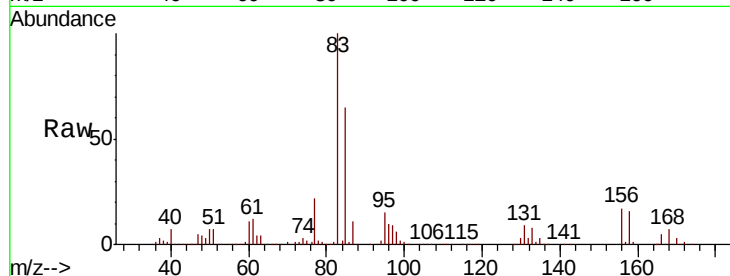
Tgt Ion: 83 Resp: 220431

Ion Ratio Lower Upper

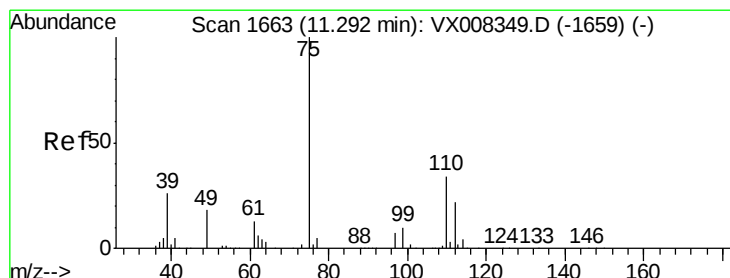
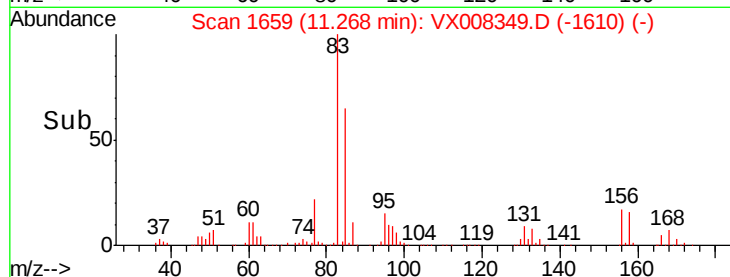
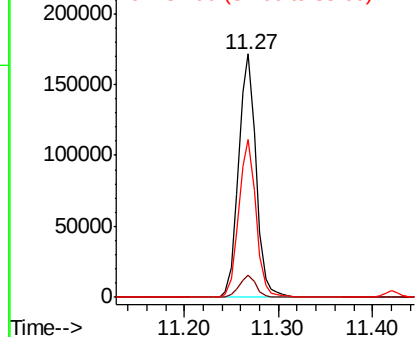
83 100

131 8.9 5.4 16.2

85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.081 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008349.D

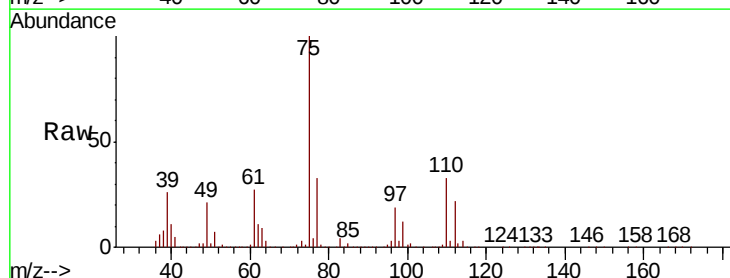
Acq: 23 Mar 2019 14:19

Tgt Ion: 75 Resp: 251307

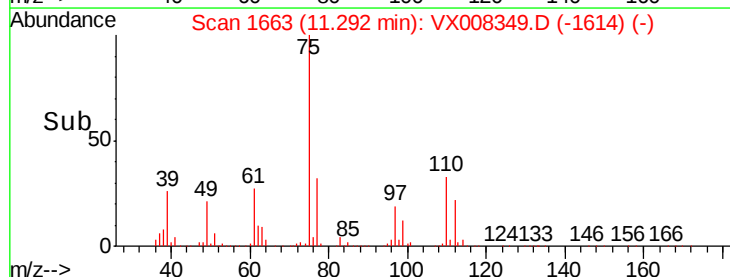
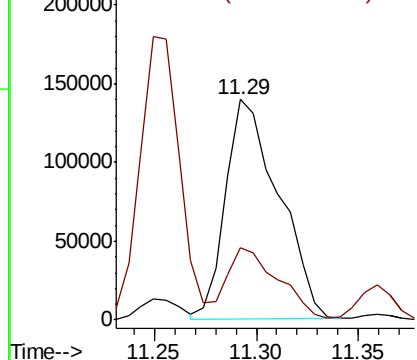
Ion Ratio Lower Upper

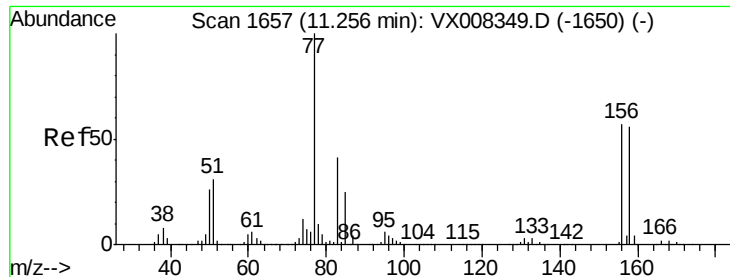
75 100

77 32.3 18.9 56.7



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





#77

Bromobenzene

Concen: 42.324 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

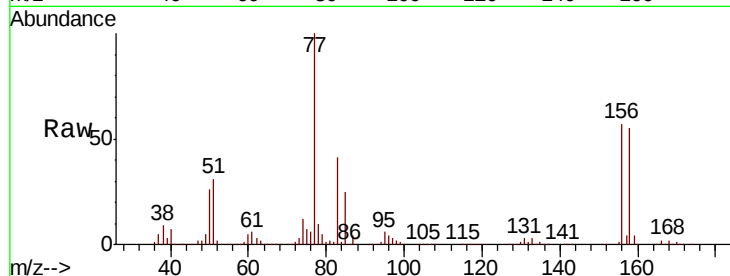
Tgt Ion:156 Resp: 131279

Ion Ratio Lower Upper

156 100

77 184.7 72.0 215.9

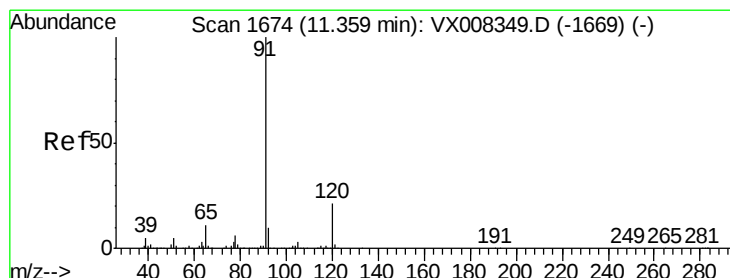
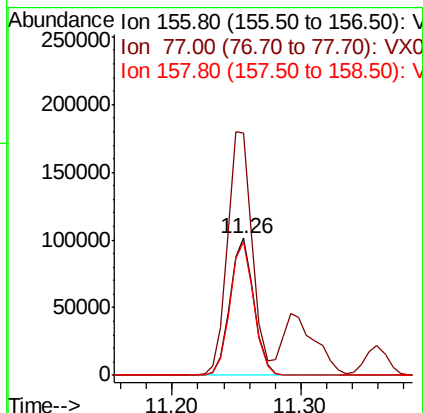
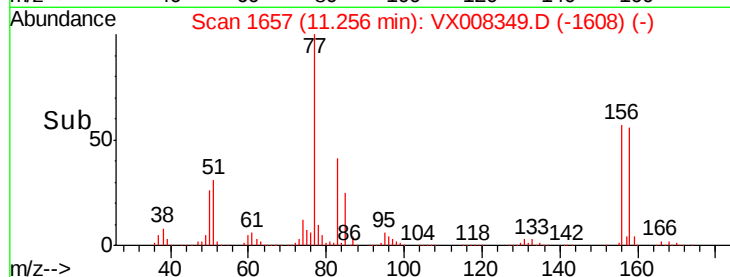
158 97.2 48.6 145.9



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: 44.732 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008349.D

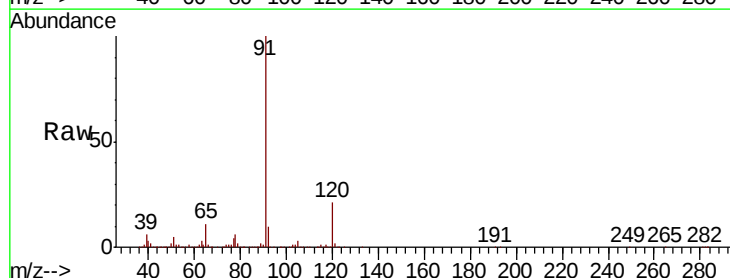
Acq: 23 Mar 2019 14:19

Tgt Ion: 91 Resp: 666510

Ion Ratio Lower Upper

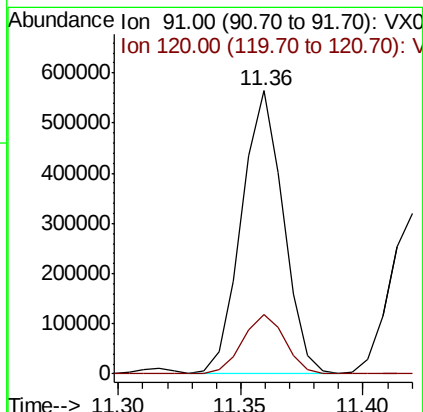
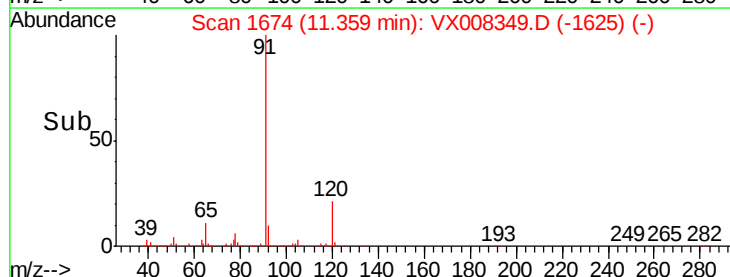
91 100

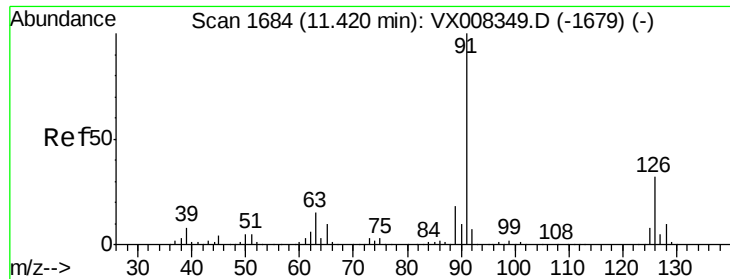
120 21.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.965 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

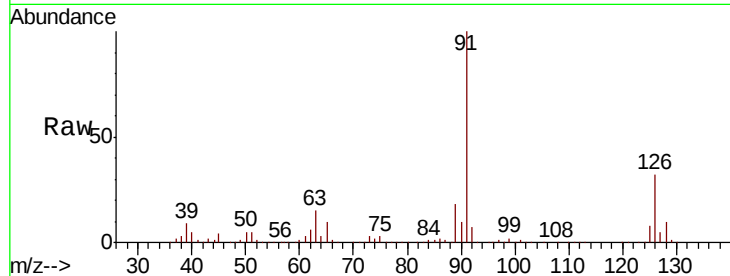
VSTDICCC050

Tgt Ion: 91 Resp: 393191

Ion Ratio Lower Upper

91 100

126 31.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX008349.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008349.D (-1679) (-)

600000

500000

400000

300000

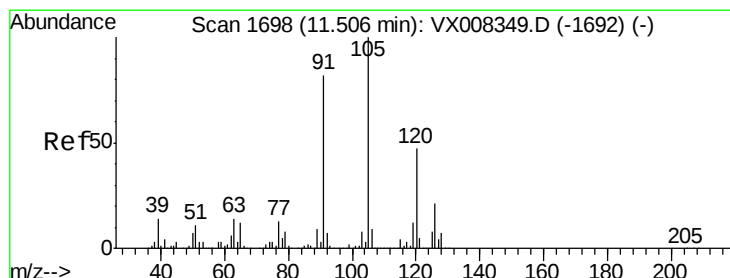
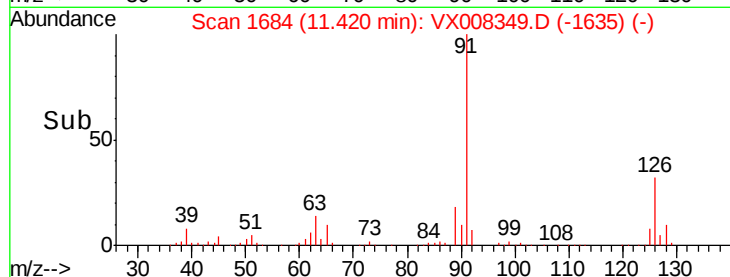
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.991 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008349.D

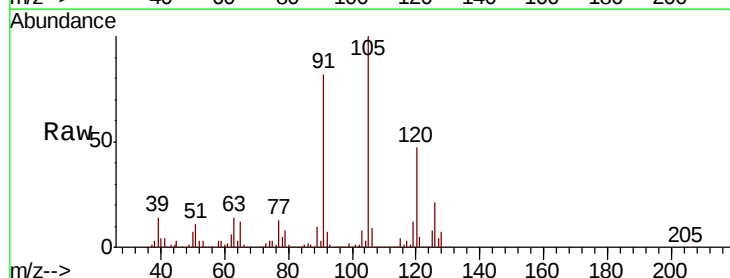
Acq: 23 Mar 2019 14:19

Tgt Ion: 105 Resp: 476841

Ion Ratio Lower Upper

105 100

120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008349.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008349.D (-1692) (-)

400000

300000

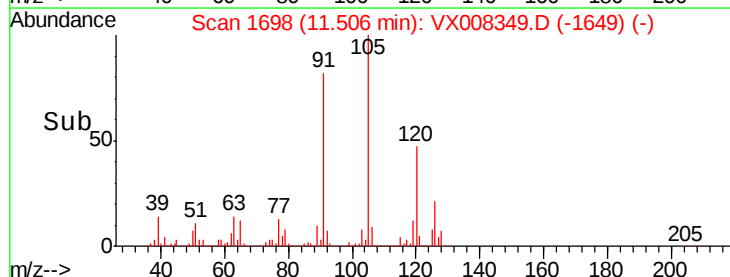
200000

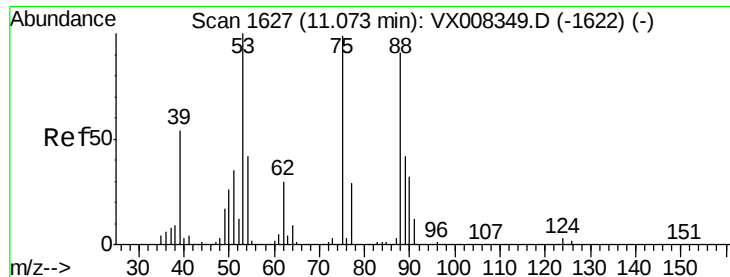
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.707 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

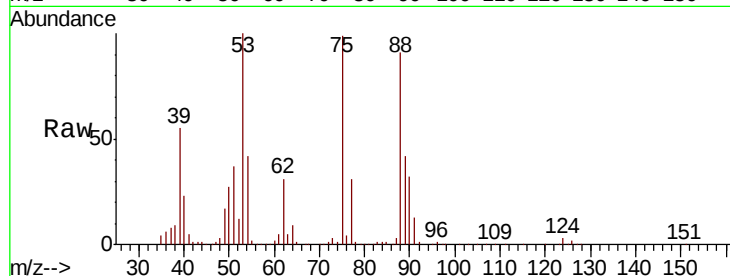
Tgt Ion: 75 Resp: 71763

Ion Ratio Lower Upper

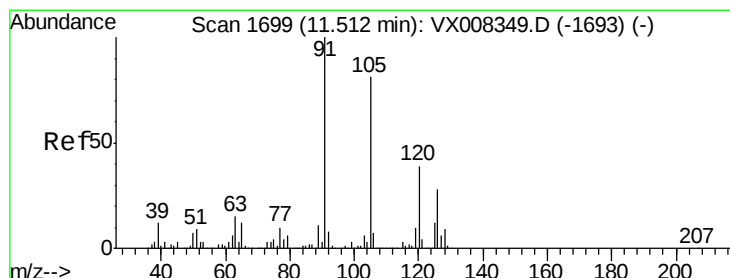
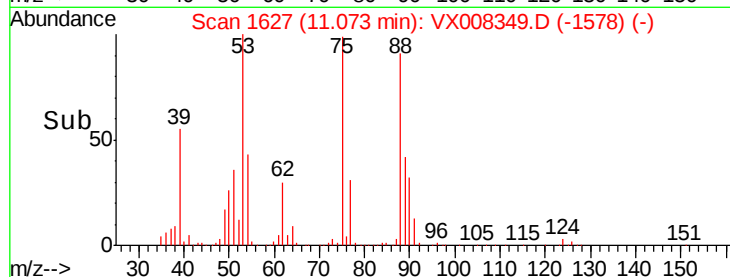
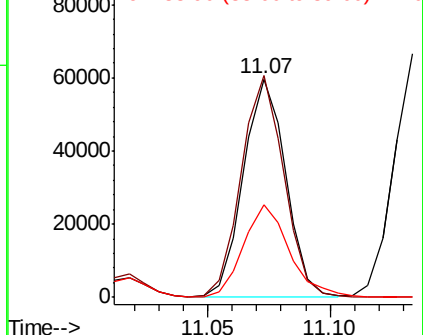
75 100

53 103.4 76.1 114.1

89 46.3 36.3 54.5



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: 43.950 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008349.D

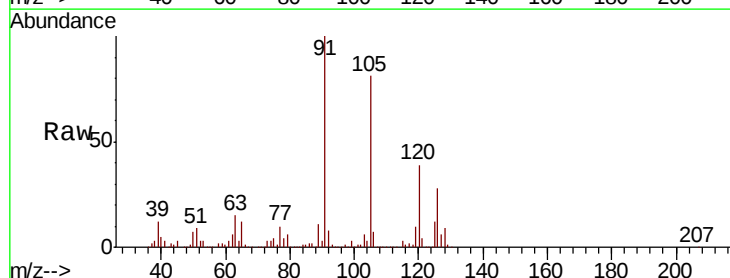
Acq: 23 Mar 2019 14:19

Tgt Ion: 91 Resp: 457379

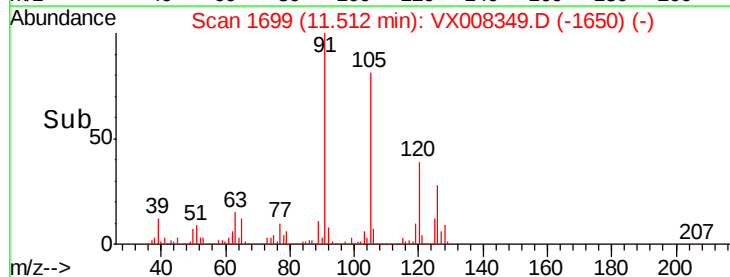
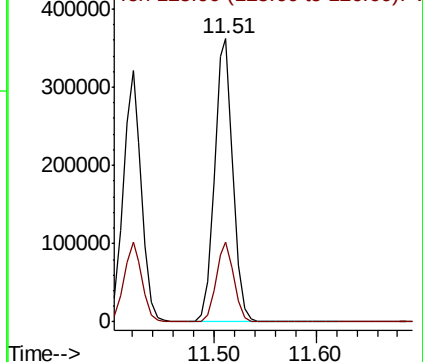
Ion Ratio Lower Upper

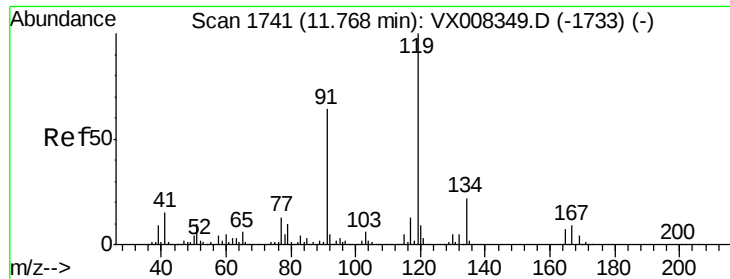
91 100

126 27.4 15.6 46.8



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

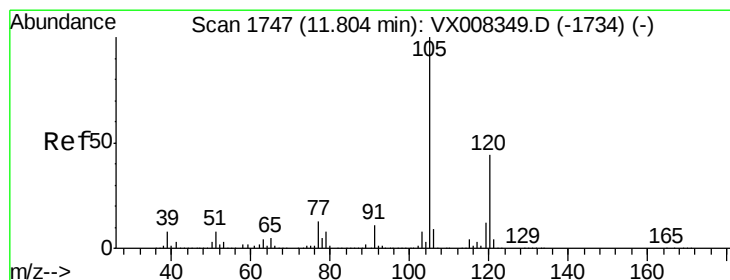
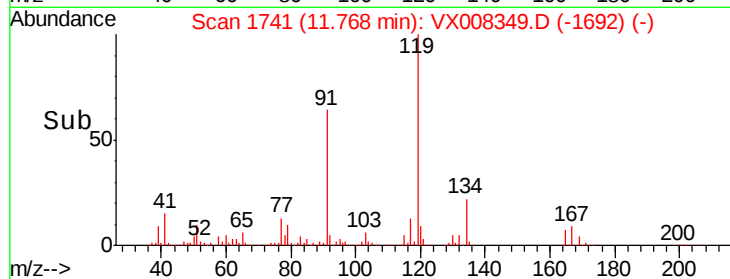
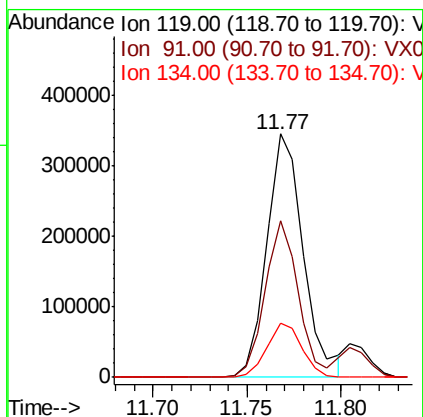
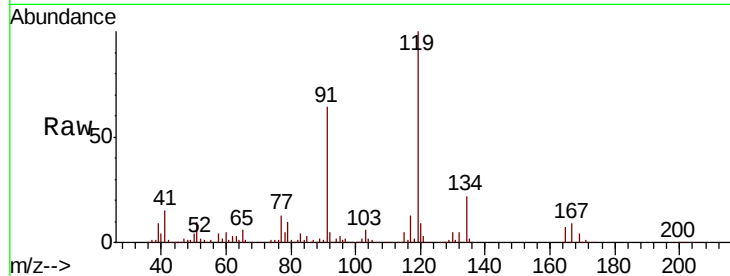




#83
tert-Butylbenzene
Concen: 45.881 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

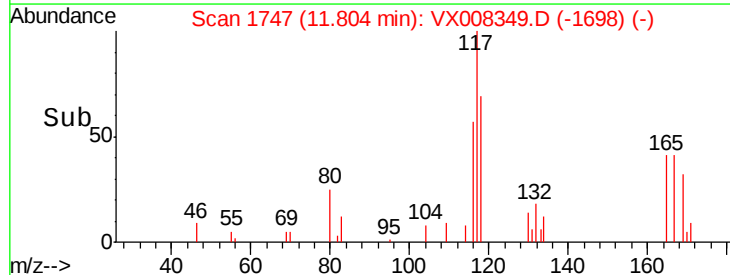
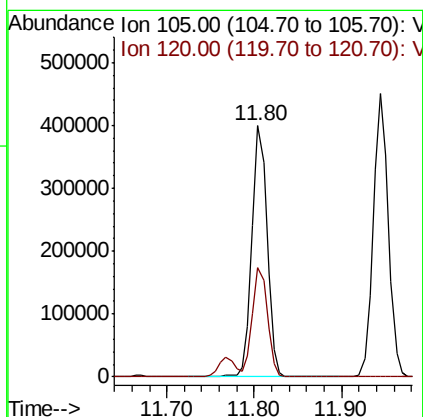
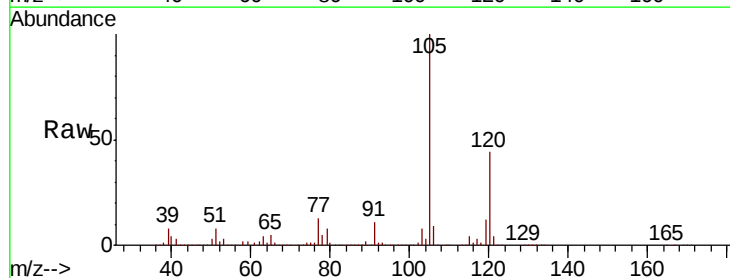
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

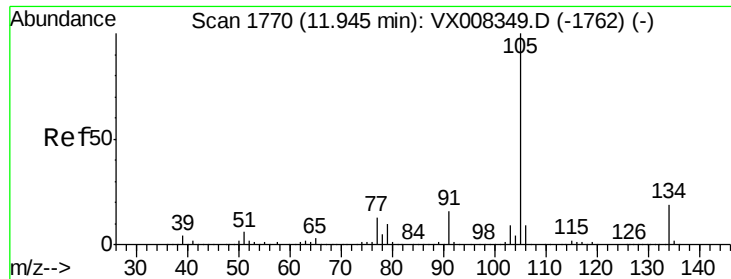
Tgt Ion:119 Resp: 464259
Ion Ratio Lower Upper
119 100
91 58.5 27.1 81.3
134 21.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 44.508 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion:105 Resp: 478231
Ion Ratio Lower Upper
105 100
120 43.4 22.6 67.7

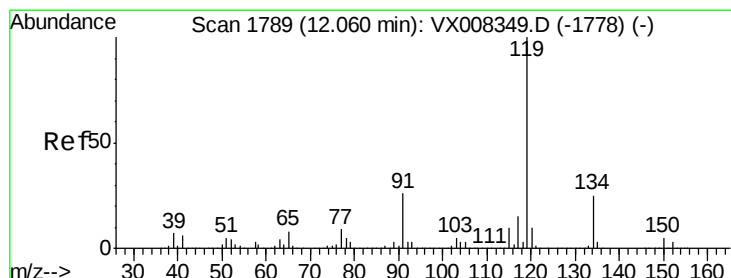
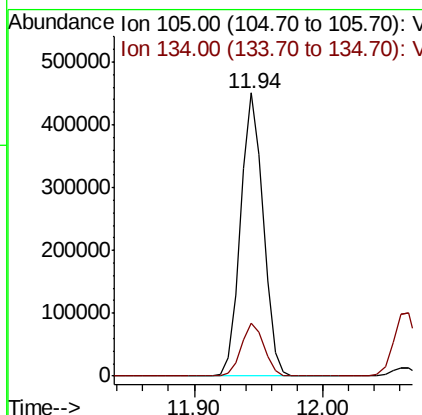
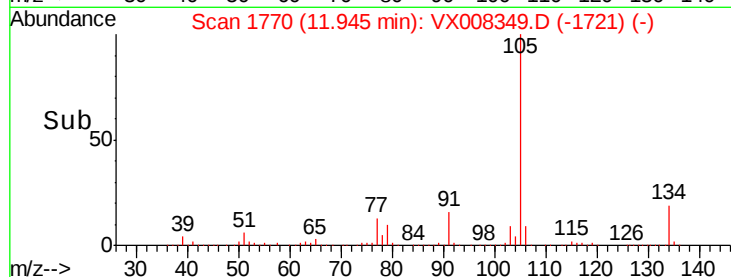
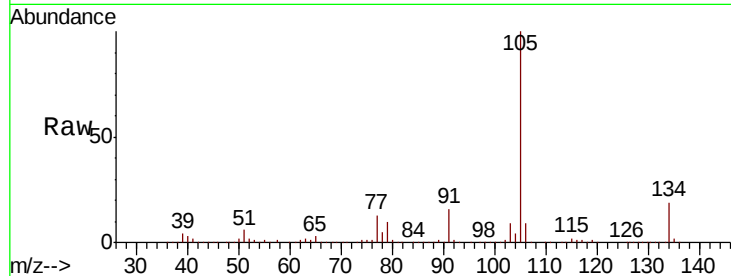




#85
 sec-Butylbenzene
 Concen: 43.632 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

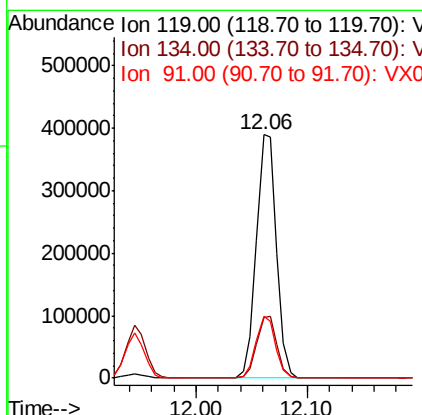
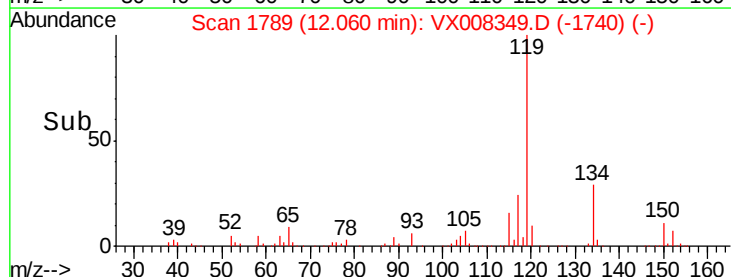
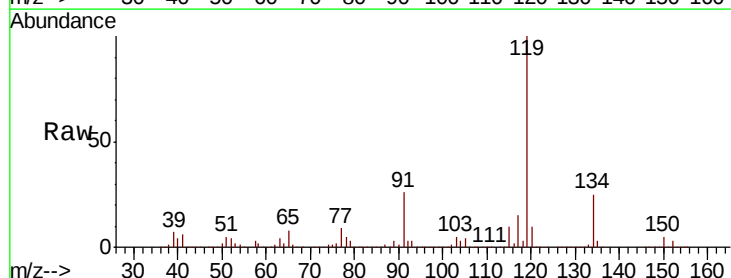
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

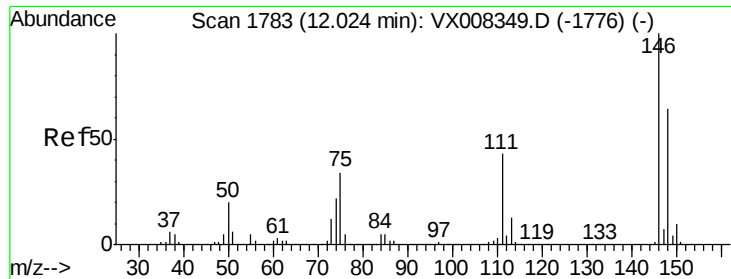
Tgt Ion:105 Resp: 546758
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 45.277 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion:119 Resp: 491114
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.9
 91 24.8 10.9 32.7

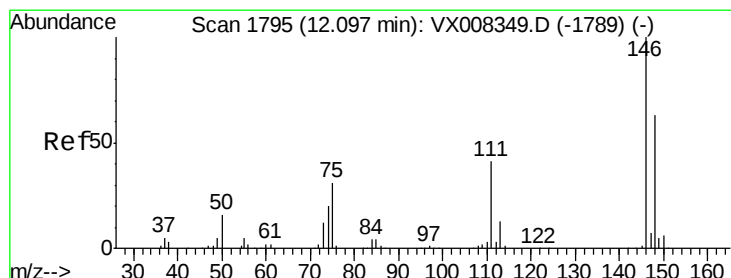
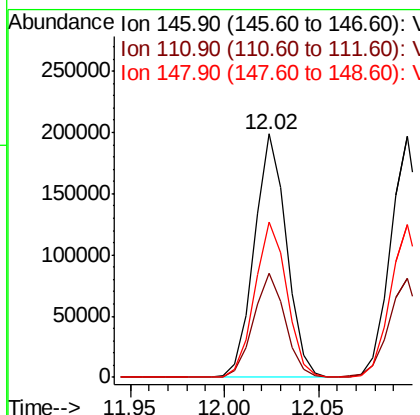
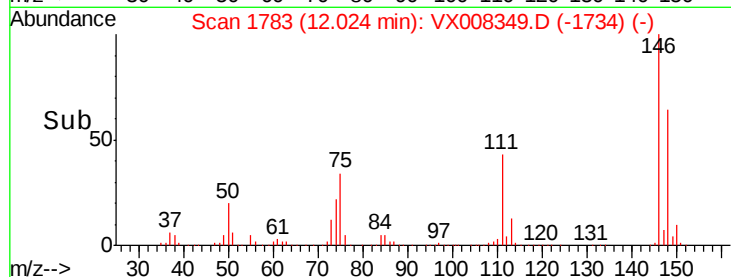
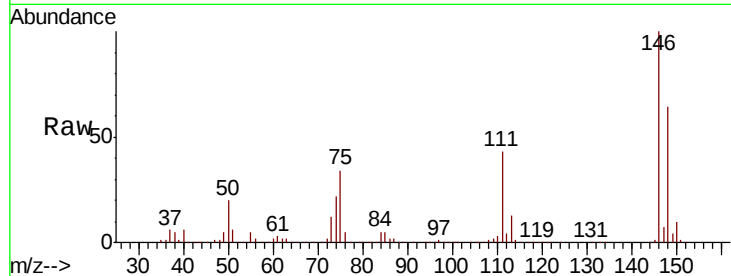




#87
 1,3-Dichlorobenzene
 Concen: 42.327 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

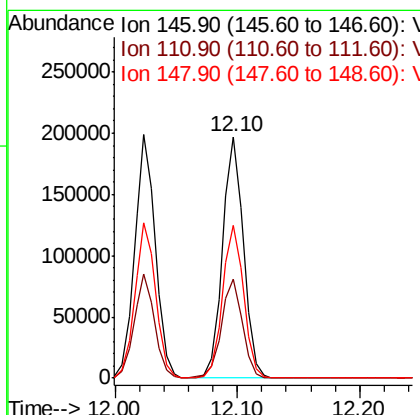
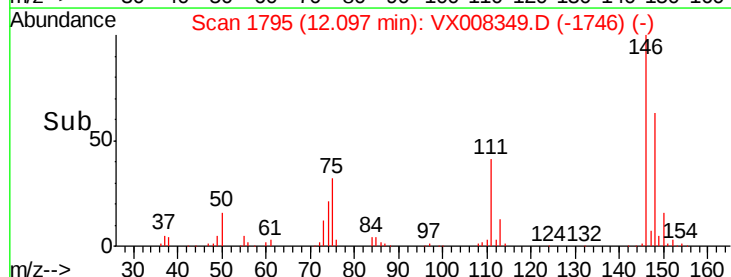
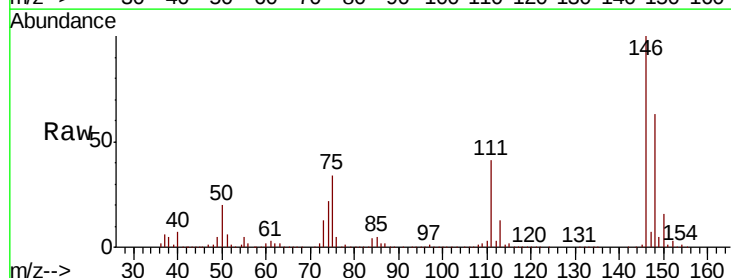
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

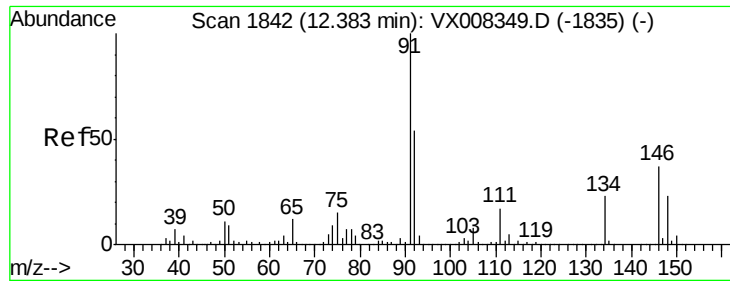
Tgt Ion:146 Resp: 234632
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.9 56.7
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 40.716 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion:146 Resp: 233461
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.4 55.0
 148 63.8 32.2 96.6

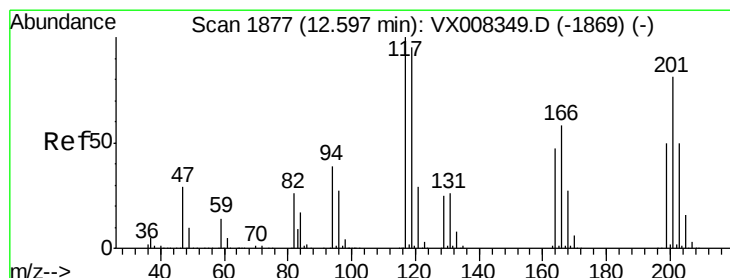
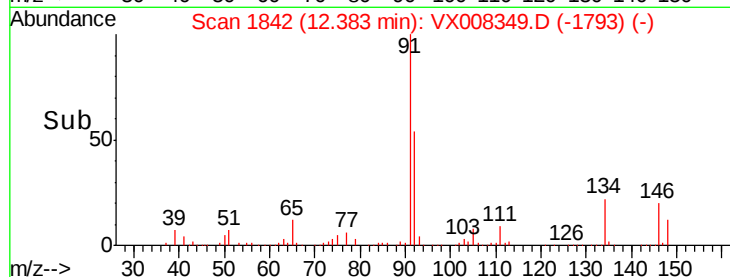
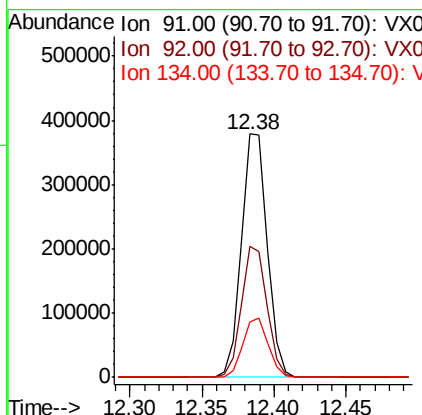
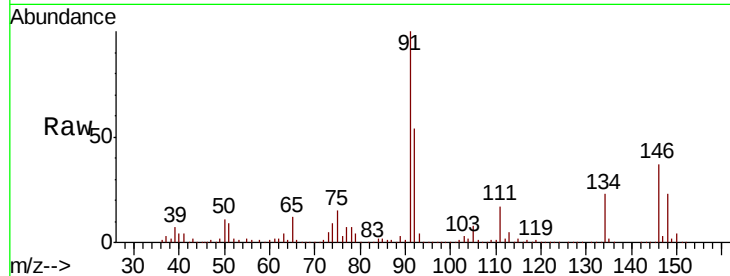




#89
n-Butylbenzene
Concen: 46.156 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

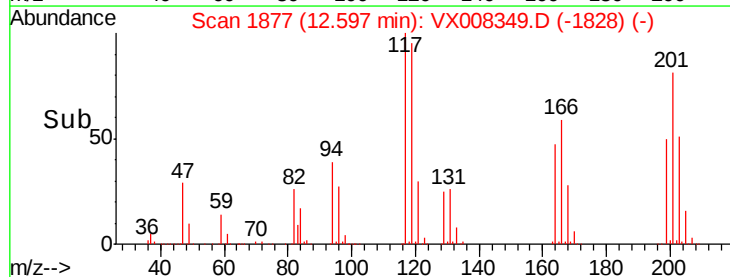
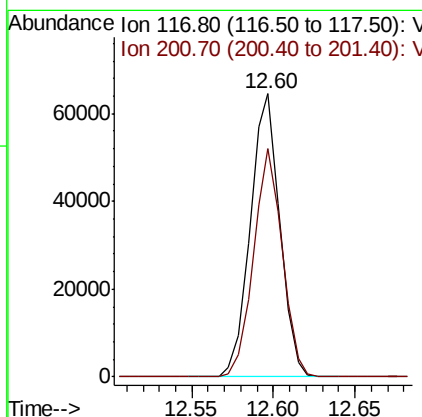
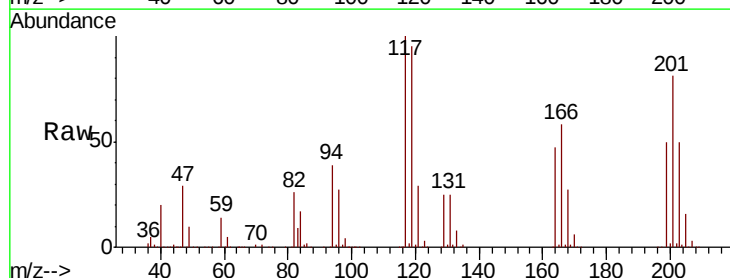
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

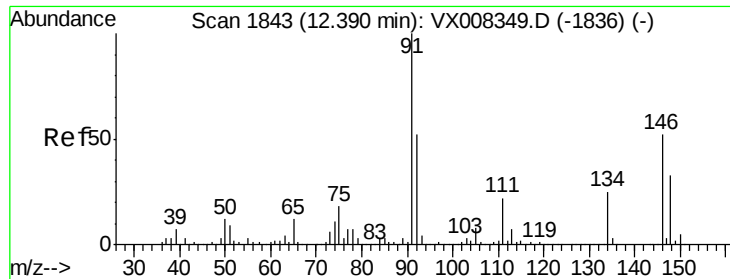
Tgt Ion: 91 Resp: 469896
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 23.7 13.7 41.0



#90
Hexachloroethane
Concen: 44.055 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008349.D
Acq: 23 Mar 2019 14:19

Tgt Ion: 117 Resp: 81383
Ion Ratio Lower Upper
117 100
201 78.3 48.9 146.7

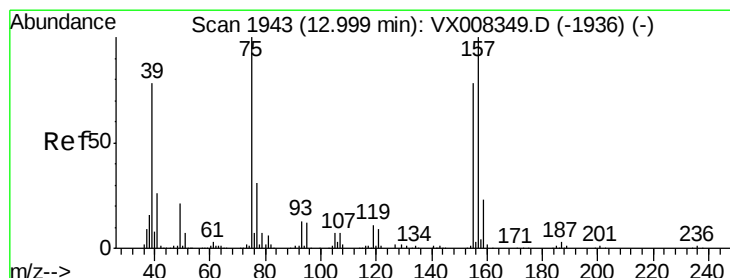
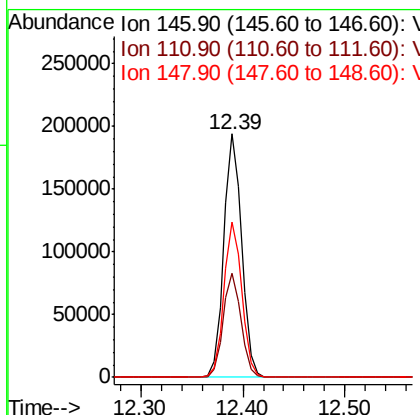
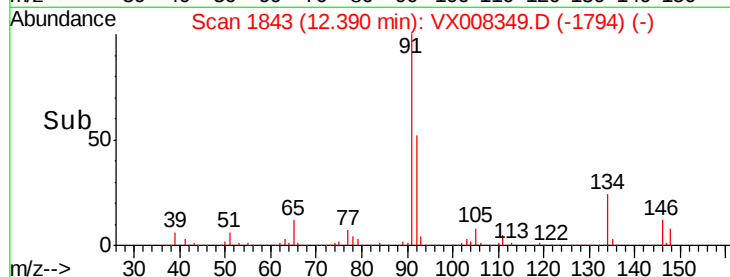
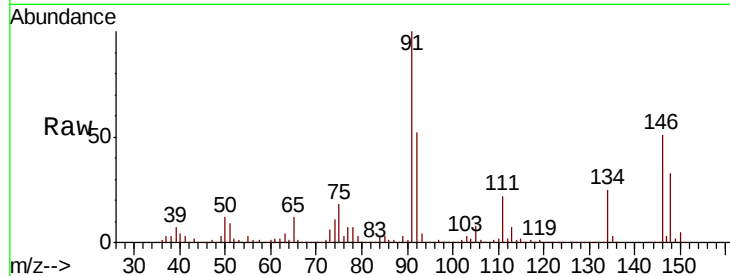




#91
 1,2-Dichlorobenzene
 Concen: 42.323 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

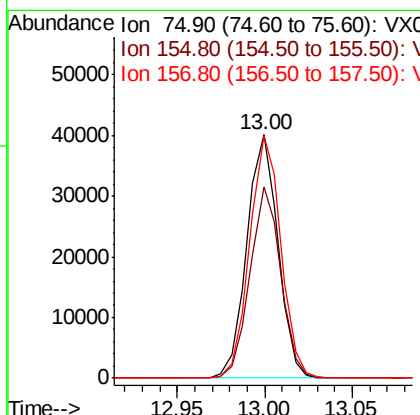
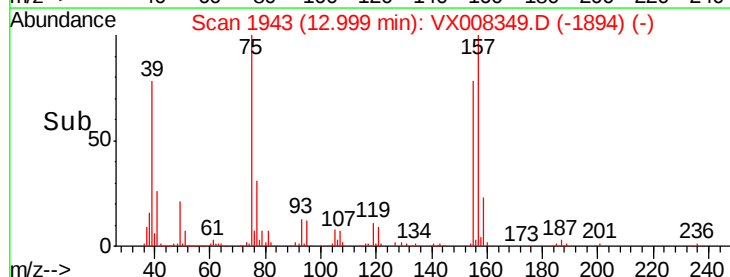
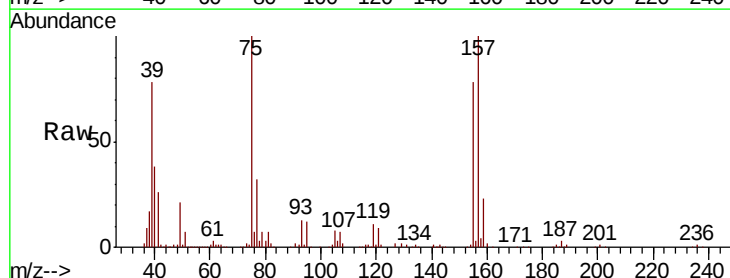
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

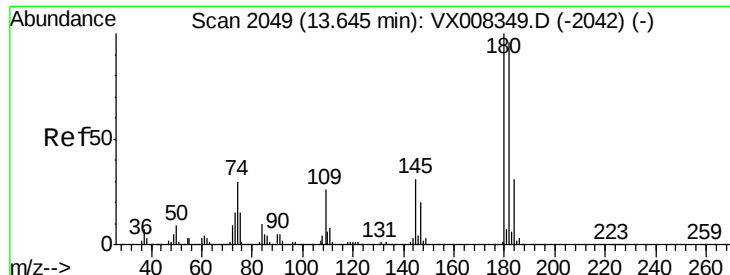
Tgt Ion:146 Resp: 236556
 Ion Ratio Lower Upper
 146 100
 111 42.8 19.6 58.8
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.412 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion: 75 Resp: 49464
 Ion Ratio Lower Upper
 75 100
 155 77.7 49.7 149.1
 157 100.0 63.8 191.4

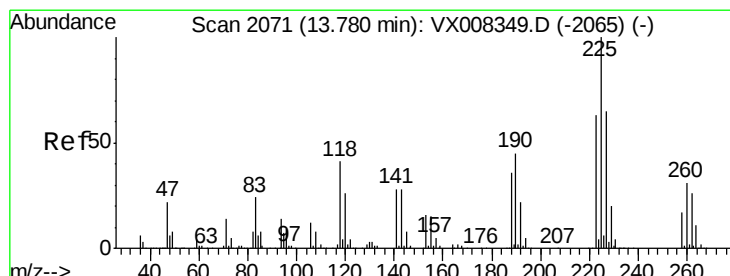
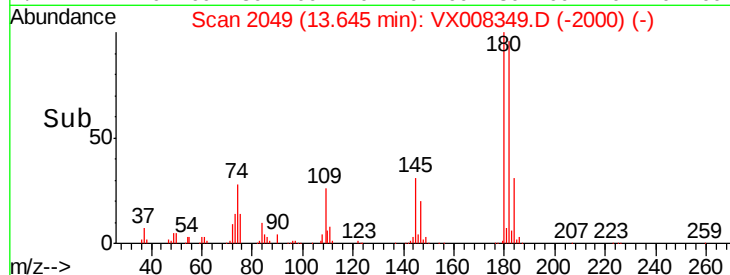
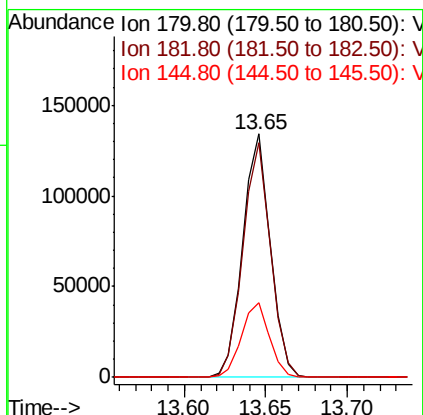
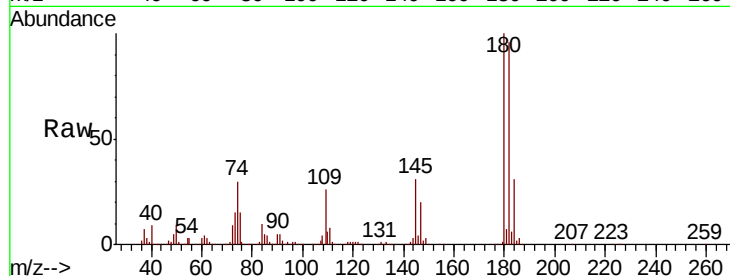




#93
 1,2,4-Trichlorobenzene
 Concen: 43.271 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

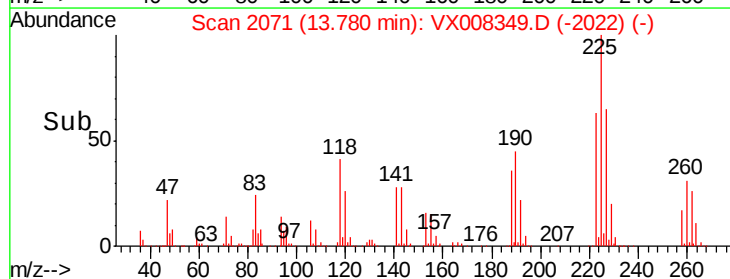
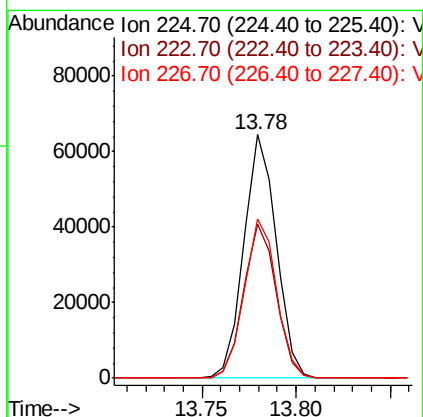
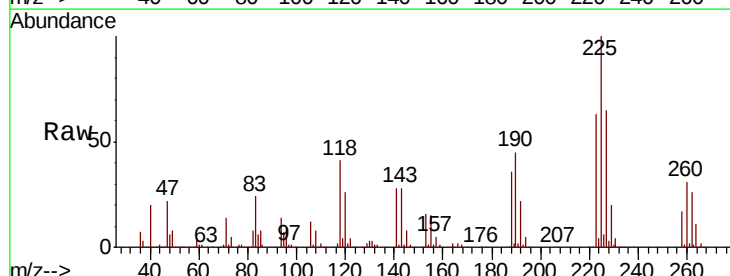
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

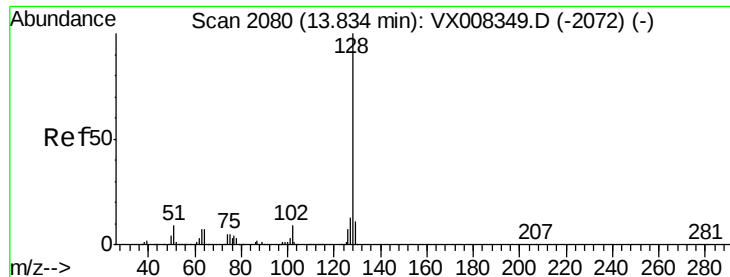
Tgt Ion:180 Resp: 159307
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.7
 145 30.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 42.856 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008349.D
 Acq: 23 Mar 2019 14:19

Tgt Ion:225 Resp: 76950
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 65.4 32.0 96.0





#95

Naphthalene

Concen: 49.647 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

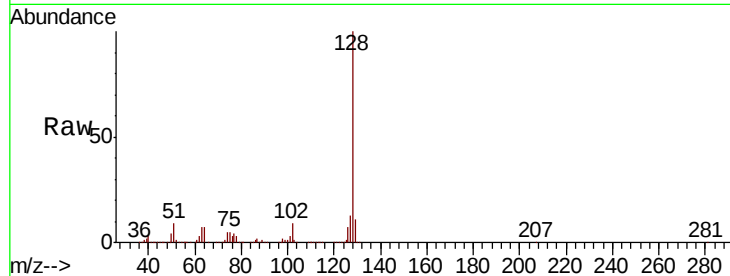
Tgt Ion:128 Resp: 576884

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.7 13.1

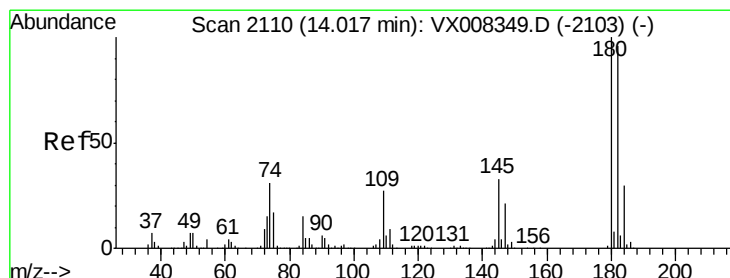
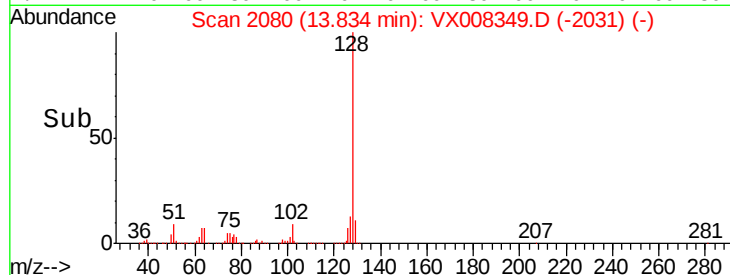
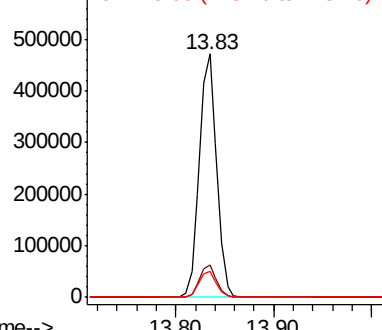


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.988 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008349.D

Acq: 23 Mar 2019 14:19

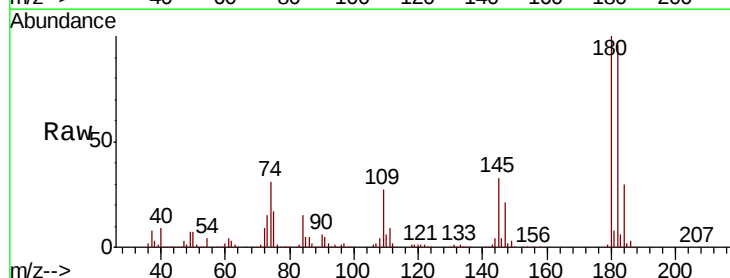
Tgt Ion:180 Resp: 162972

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.3 14.8 44.3



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

