

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
 Data File : VX009847.D
 Acq On : 23 May 2019 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 23 10:51:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140723	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115213	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	5.49	113	81524	43.35	ug/l	0.00
Spiked Amount			Recovery	=	86.70%	
50) Toluene-d8	8.71	98	336146	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
62) 4-Bromofluorobenzene	11.13	95	127260	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70251	40.372	ug/l	99
3) Chloromethane	1.32	50	110284	46.422	ug/l	100
4) Vinyl Chloride	1.41	62	103913	44.856	ug/l	100
5) Bromomethane	1.64	94	65925	47.413	ug/l	95
6) Chloroethane	1.71	64	65087	43.761	ug/l	97
7) Trichlorofluoromethane	1.92	101	125083	44.419	ug/l	97
8) Diethyl Ether	2.19	74	60822	45.598	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76946	43.513	ug/l	99
10) Methyl Iodide	2.51	142	84579	41.977	ug/l	99
11) Tert butyl alcohol	3.06	59	136508	228.775	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79204	44.703	ug/l	99
13) Acrolein	2.29	56	117352	217.165	ug/l	100
14) Allyl chloride	2.73	41	201279	46.616	ug/l	98
15) Acrylonitrile	3.14	53	326345	223.685	ug/l	100
16) Acetone	2.45	43	349932	252.812	ug/l	99
17) Carbon Disulfide	2.56	76	234338	47.109	ug/l	100
18) Methyl Acetate	2.77	43	142641	43.332	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318364	46.272	ug/l	100
20) Methylene Chloride	2.85	84	98801	44.085	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	87899	45.745	ug/l	97
22) Diisopropyl ether	3.85	45	390363	47.011	ug/l	98
23) Vinyl Acetate	3.81	43	1760733	247.622	ug/l	98
24) 1,1-Dichloroethane	3.69	63	184247	44.979	ug/l	99
25) 2-Butanone	4.67	43	529418	246.133	ug/l	98
26) 2,2-Dichloropropane	4.58	77	142077	46.597	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102682	44.770	ug/l	97
28) Bromochloromethane	5.01	49	92287	56.313	ug/l	96
29) Tetrahydrofuran	5.12	42	326594	235.957	ug/l	97
30) Chloroform	5.20	83	169052	45.630	ug/l	99
31) Cyclohexane	5.57	56	178021	46.711	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	137750	44.664	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129340	46.527	ug/l	99
37) Ethyl Acetate	4.83	43	187651	48.448	ug/l	98
38) Carbon Tetrachloride	5.78	117	115734	45.822	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163617	47.925	ug/l	97
40) Benzene	6.14	78	397431	46.195	ug/l	99
41) Methacrylonitrile	5.04	41	105709	45.848	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146912	47.603	ug/l	99
43) Isopropyl Acetate	6.44	43	305300	49.278	ug/l	99
44) Trichloroethene	7.21	130	94707	45.535	ug/l	97
45) 1,2-Dichloropropane	7.51	63	115036	47.221	ug/l	100
46) Dibromomethane	7.66	93	64798	45.804	ug/l	99
47) Bromodichloromethane	7.90	83	133324	47.246	ug/l	97
48) Methyl methacrylate	7.77	41	155988	50.749	ug/l	98
49) 1,4-Dioxane	7.74	88	53735	862.039	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	995602	245.858	ug/l	99
52) Toluene	8.78	92	244658	46.782	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	160435	50.357	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	174165	49.389	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	97387	45.645	ug/l	97
56) Ethyl methacrylate	9.18	69	186211	48.892	ug/l	96
57) 1,3-Dichloropropane	9.37	76	174807	46.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	476421	235.800	ug/l	99
59) 2-Hexanone	9.49	43	786458	247.281	ug/l	97
60) Dibromochloromethane	9.58	129	99015	47.515	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101307	47.038	ug/l	100
64) Tetrachloroethene	9.34	164	86014	45.107	ug/l	98
65) Chlorobenzene	10.13	112	258831	46.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	92501	45.881	ug/l	99
67) Ethyl Benzene	10.25	91	479740	46.875	ug/l	100
68) m/p-Xylenes	10.36	106	352743	94.317	ug/l	98
69) o-Xylene	10.69	106	171630	46.512	ug/l	99
70) Styrene	10.71	104	304386	47.460	ug/l	99
71) Bromoform	10.85	173	75754	46.237	ug/l #	99
73) Isopropylbenzene	11.02	105	459715	44.924	ug/l	100
74) N-amyl acetate	10.90	43	276777	46.392	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161250	42.270	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196602	60.229	ug/l	81
77) Bromobenzene	11.26	156	113959	44.867	ug/l	99
78) n-propylbenzene	11.36	91	543083	46.470	ug/l	100
79) 2-Chlorotoluene	11.42	91	320006	44.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	394400	45.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57918	45.398	ug/l	97
82) 4-Chlorotoluene	11.51	91	378560	46.475	ug/l	98
83) tert-Butylbenzene	11.77	119	375504	44.799	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	400991	46.364	ug/l	99
85) sec-Butylbenzene	11.94	105	450318	45.315	ug/l	100
86) p-Isopropyltoluene	12.06	119	413179	46.249	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206965	45.709	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208558	45.687	ug/l	99
89) n-Butylbenzene	12.38	91	395107	48.932	ug/l	100
90) Hexachloroethane	12.60	117	69150	45.433	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202394	43.886	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36983	43.216	ug/l	96

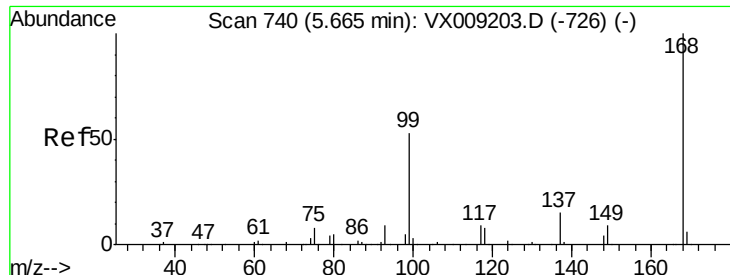
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
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MSVOA_X
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	152269	48.282	ug/l	98
94) Hexachlorobutadiene	13.78	225	74905	46.511	ug/l	100
95) Naphthalene	13.83	128	460534	44.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149410	46.737	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

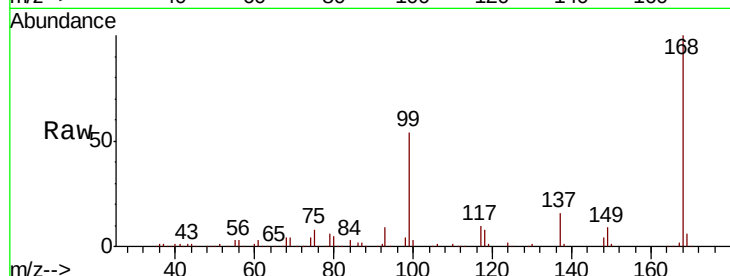
VSTDCCC050

Tgt Ion:168 Resp: 188831

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

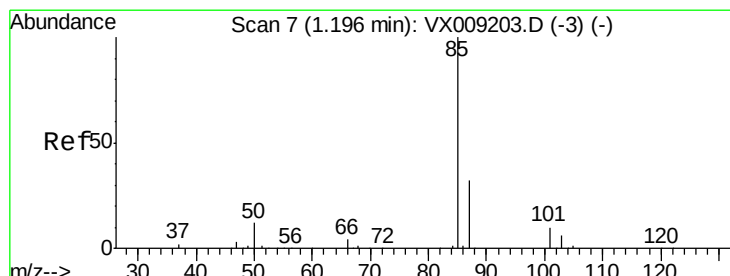
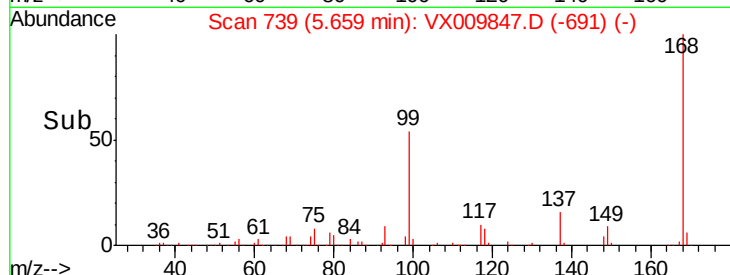
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.372 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009847.D

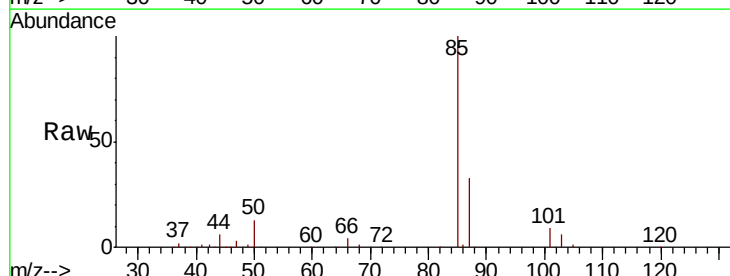
Acq: 23 May 2019 10:32

Tgt Ion: 85 Resp: 70251

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

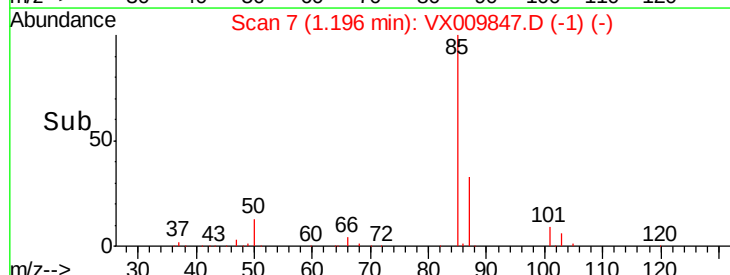
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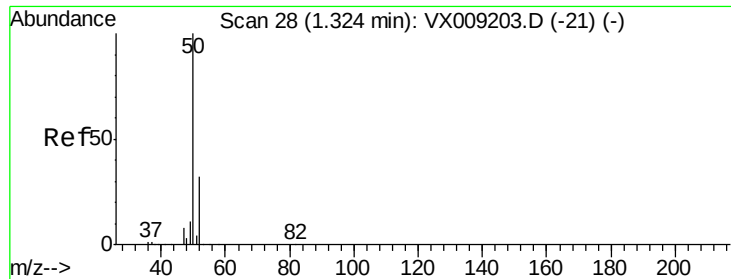
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.422 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

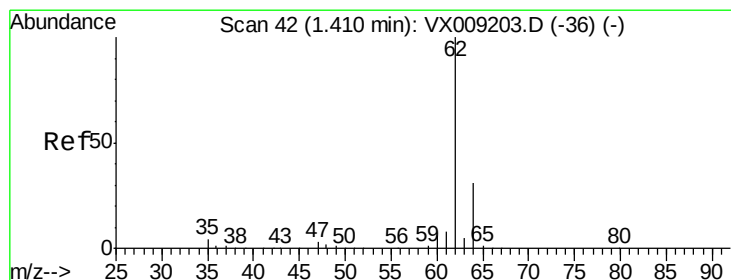
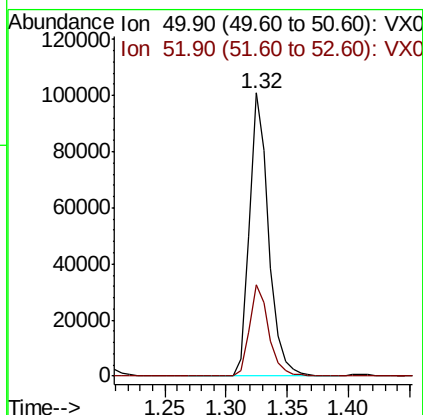
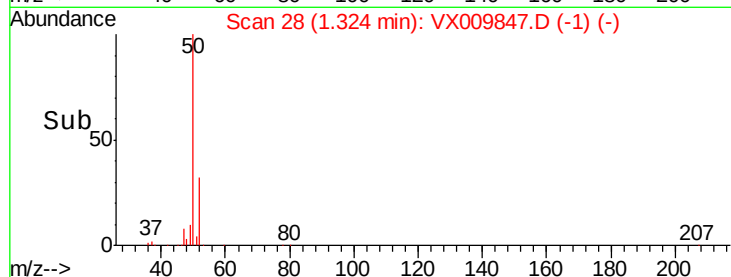
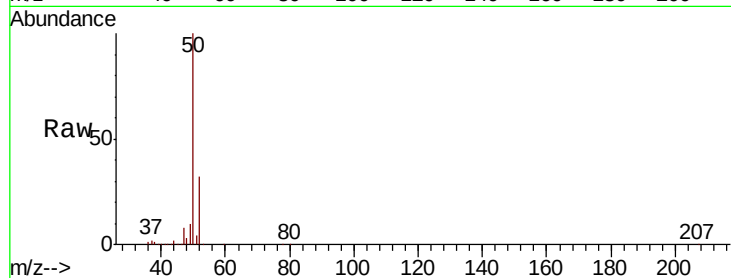
VSTDCCC050

Tgt Ion: 50 Resp: 110284

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 44.856 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009847.D

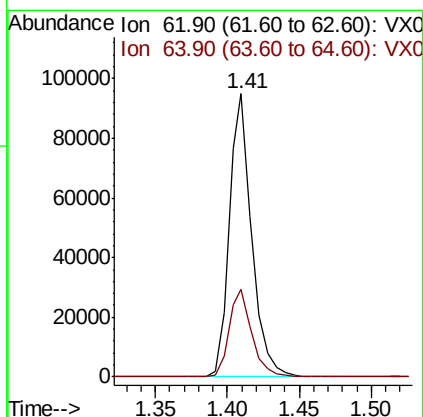
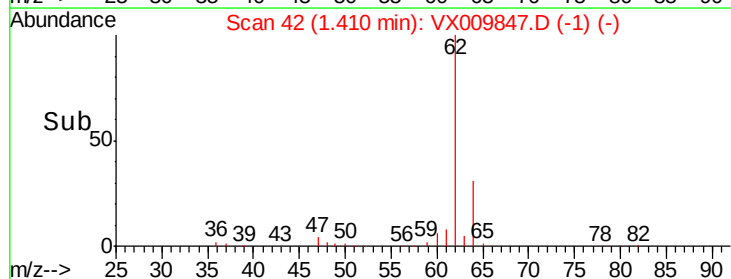
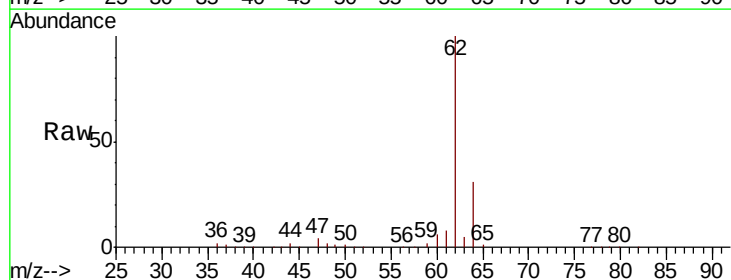
Acq: 23 May 2019 10:32

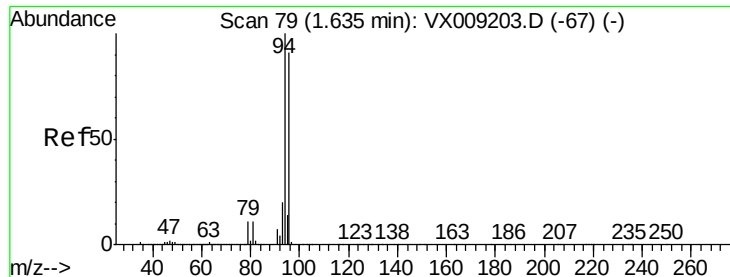
Tgt Ion: 62 Resp: 103913

Ion Ratio Lower Upper

62 100

64 30.8 24.6 36.8





#5

Bromomethane

Concen: 47.413 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

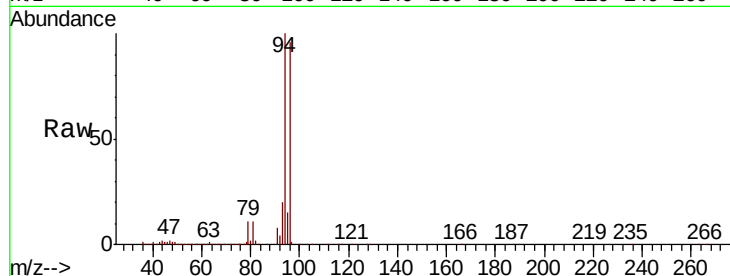
VSTDCCC050

Tgt Ion: 94 Resp: 65925

Ion Ratio Lower Upper

94 100

96 95.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

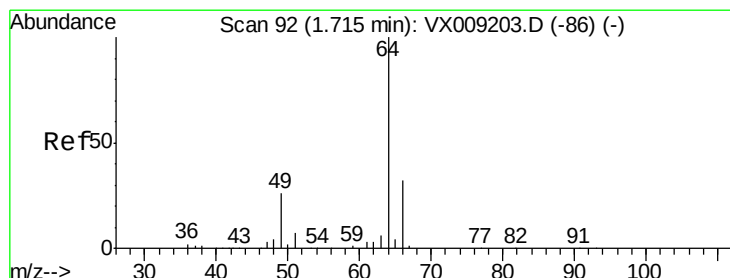
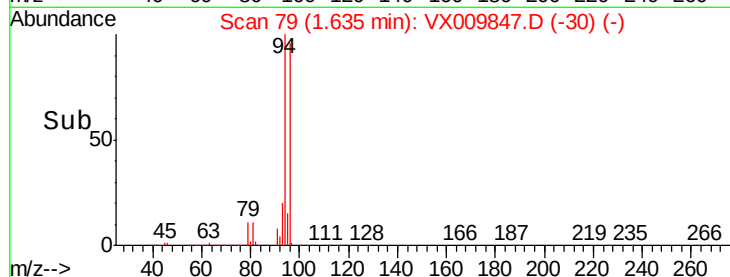
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20000

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Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 43.761 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009847.D

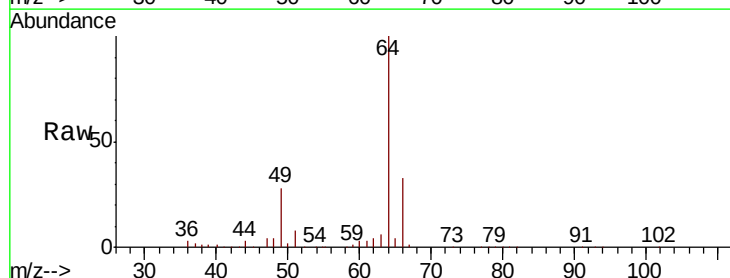
Acq: 23 May 2019 10:32

Tgt Ion: 64 Resp: 65087

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

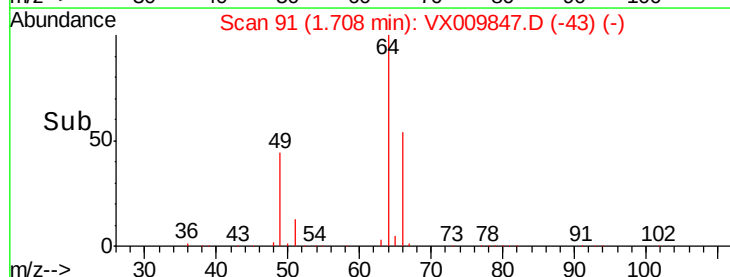
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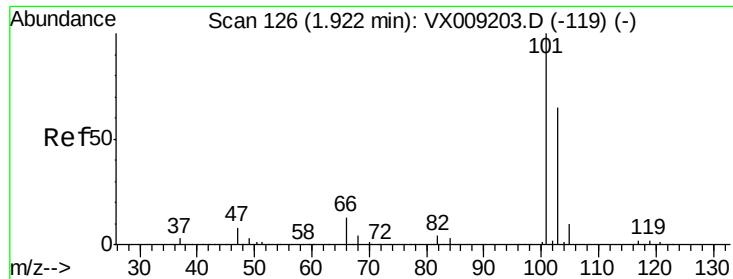
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Time-->

1.70 1.80



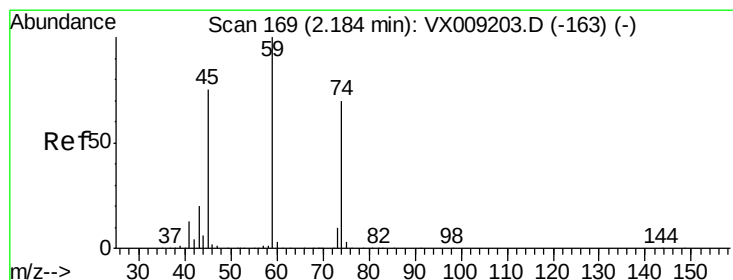
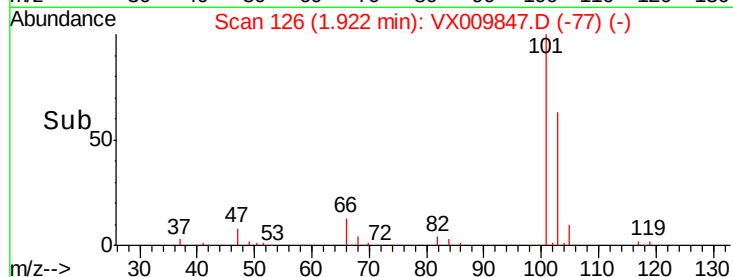
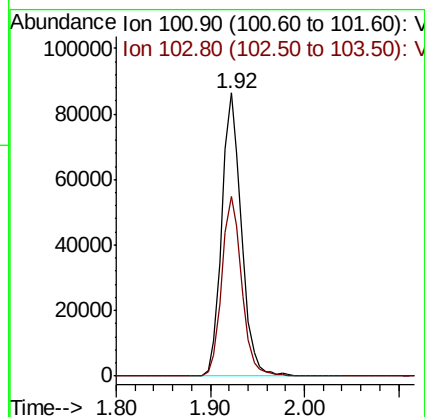
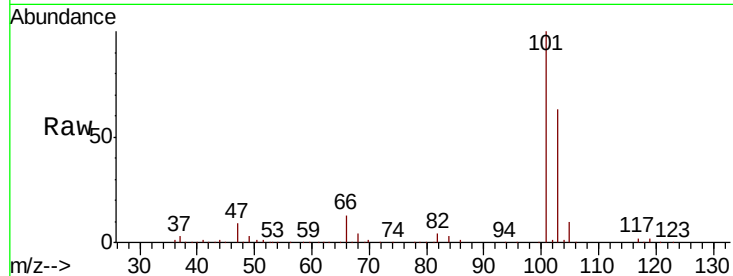


#7

Trichlorofluoromethane
 Concen: 44.419 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

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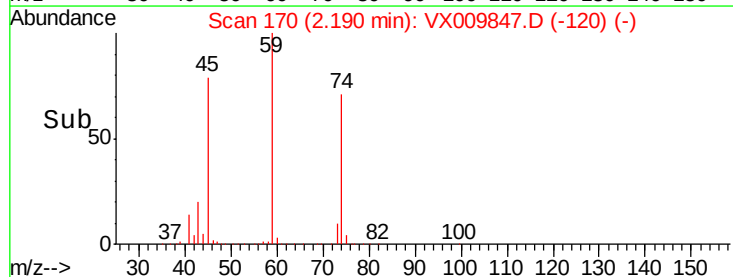
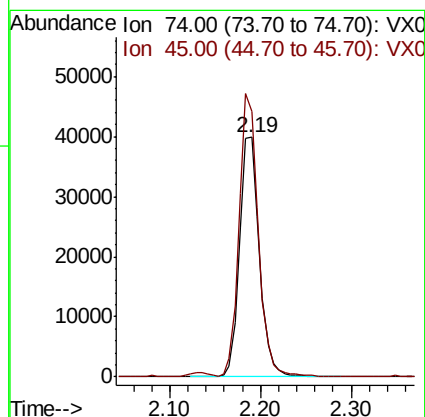
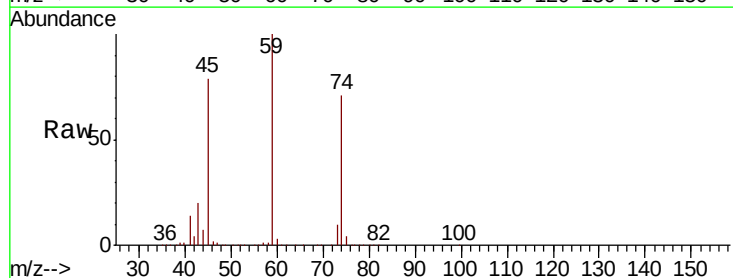
Tgt Ion: 101 Resp: 125083
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

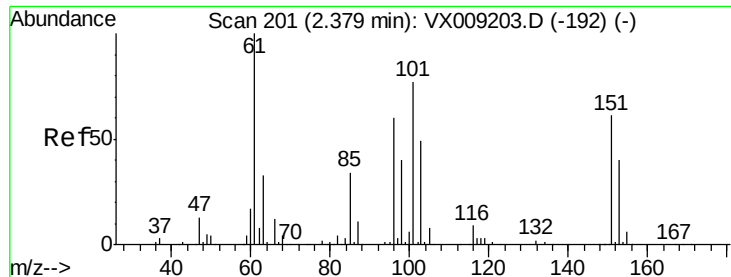


#8

Diethyl Ether
 Concen: 45.598 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 74 Resp: 60822
 Ion Ratio Lower Upper
 74 100
 45 112.9 53.3 159.9

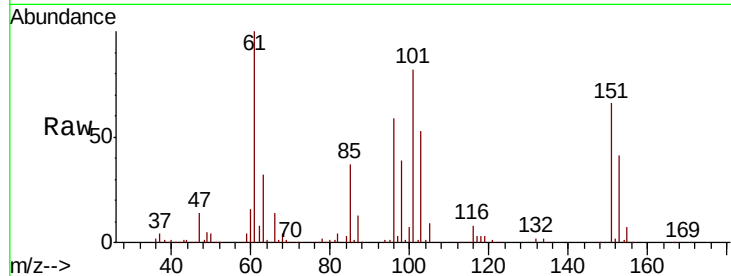




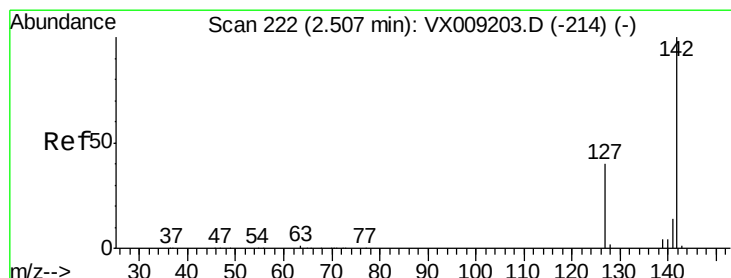
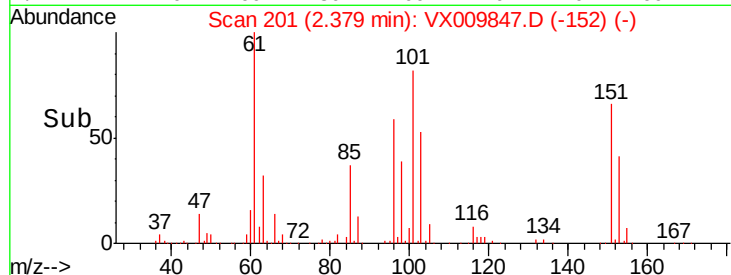
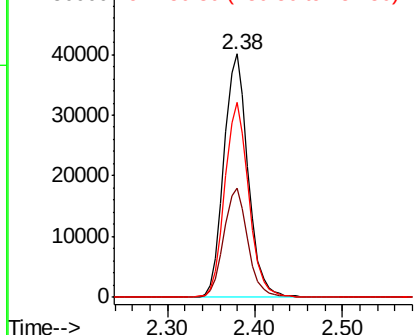
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.513 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 76946
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.7 53.5
 151 79.5 62.2 93.2

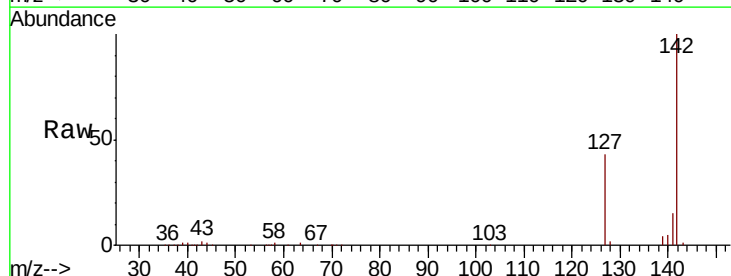


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

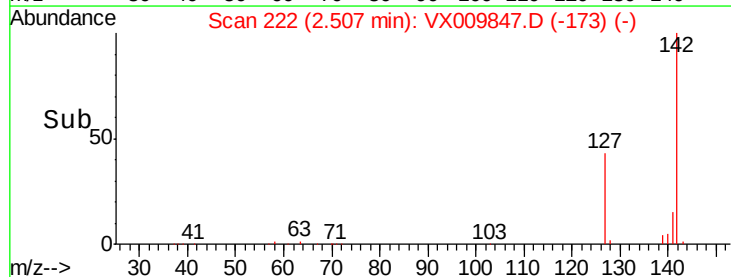
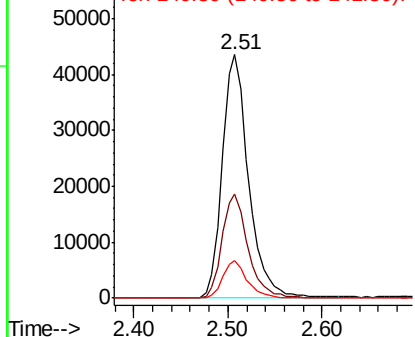


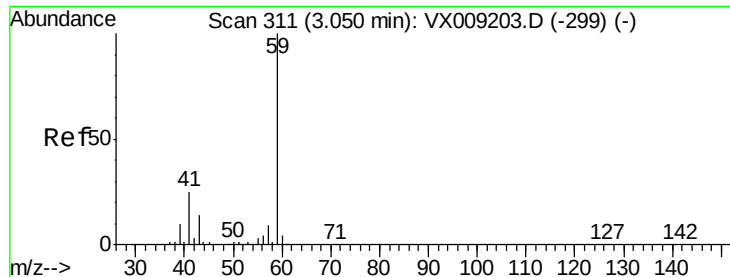
#10
 Methyl Iodide
 Concen: 41.977 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion:142 Resp: 84579
 Ion Ratio Lower Upper
 142 100
 127 42.0 32.7 49.1
 141 14.6 11.5 17.3



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

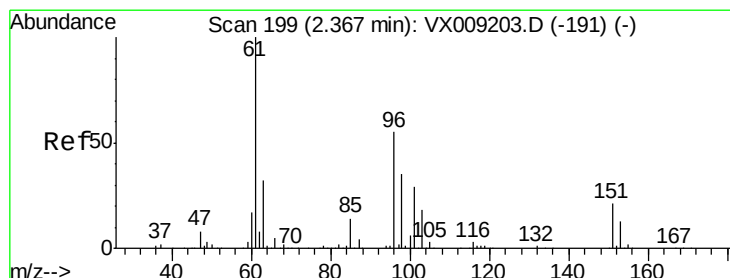
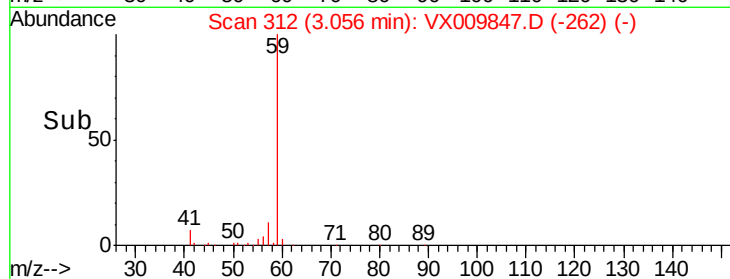
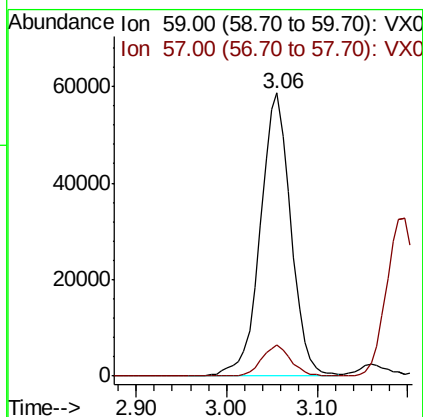
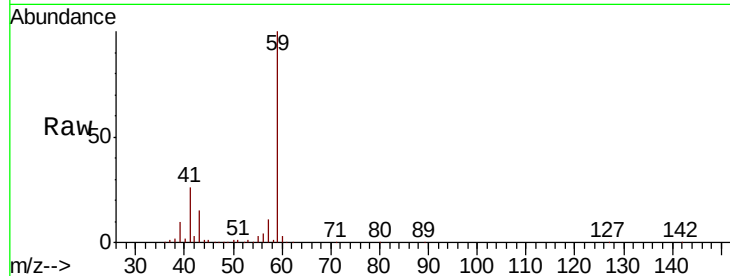




#11
Tert butyl alcohol
Concen: 228.775 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

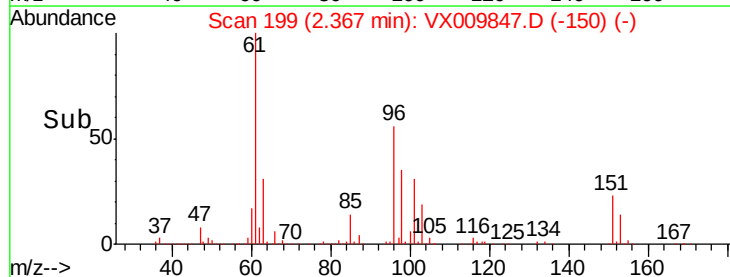
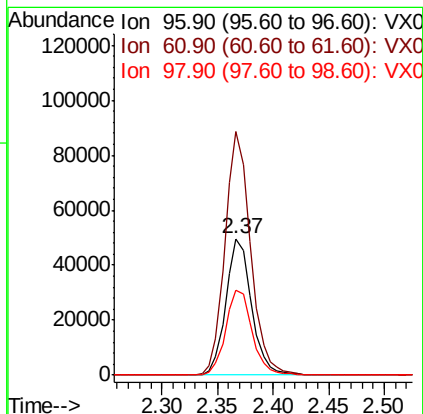
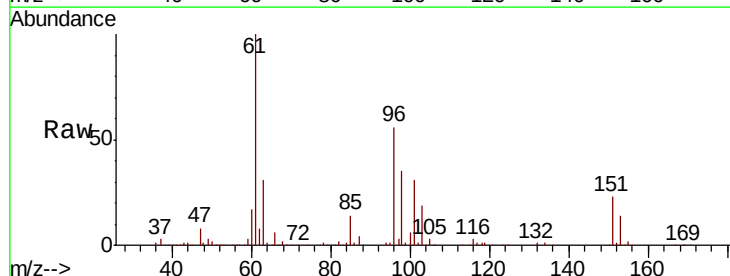
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

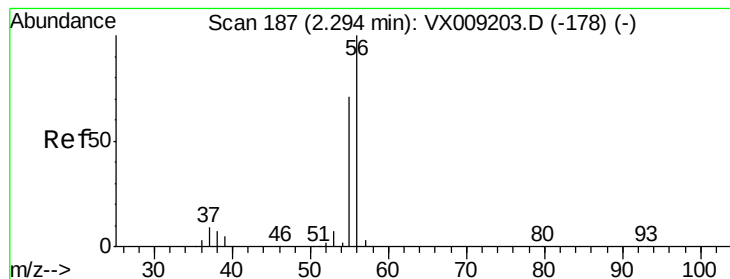
Tgt Ion: 59 Resp: 136508
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.703 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 96 Resp: 79204
Ion Ratio Lower Upper
96 100
61 178.6 144.3 216.5
98 61.9 50.3 75.5





#13

Acrolein

Concen: 217.165 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

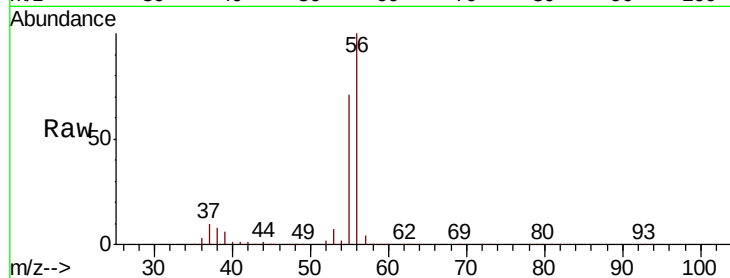
VSTDCCC050

Tgt Ion: 56 Resp: 117352

Ion Ratio Lower Upper

56 100

55 71.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

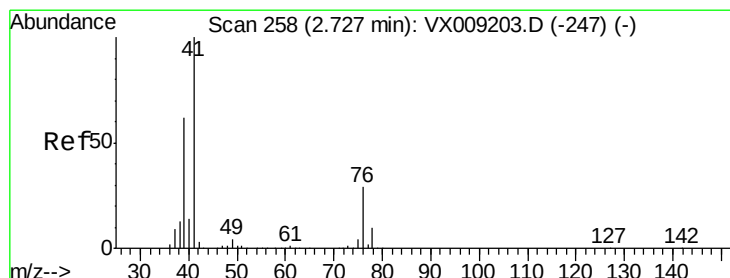
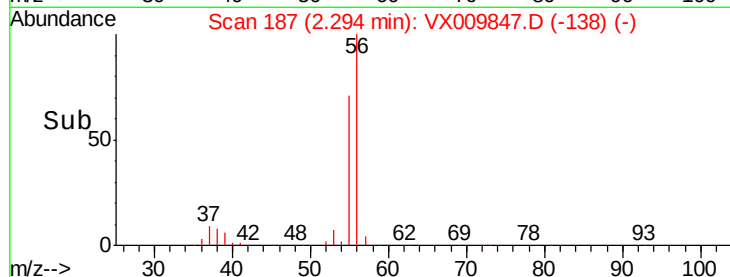
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 46.616 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

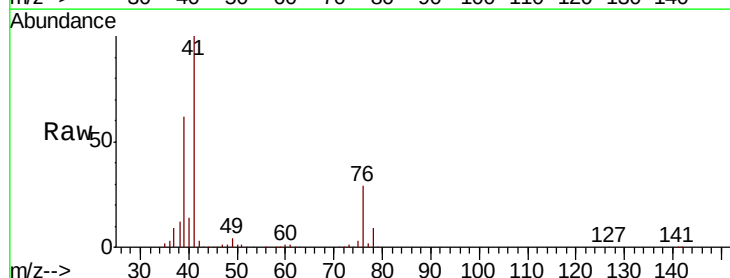
Tgt Ion: 41 Resp: 201279

Ion Ratio Lower Upper

41 100

39 59.7 46.7 70.1

76 25.9 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

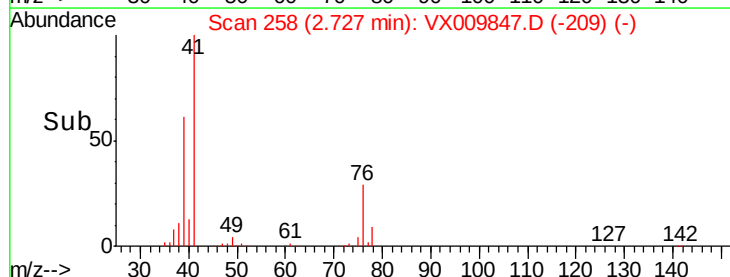
100000

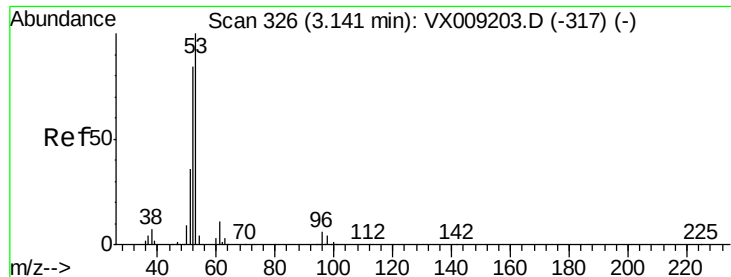
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 223.685 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

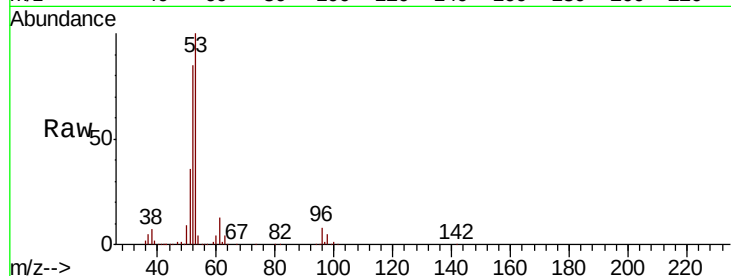
Tgt Ion: 53 Resp: 326345

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

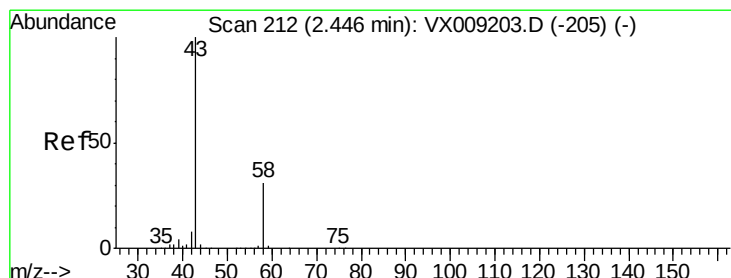
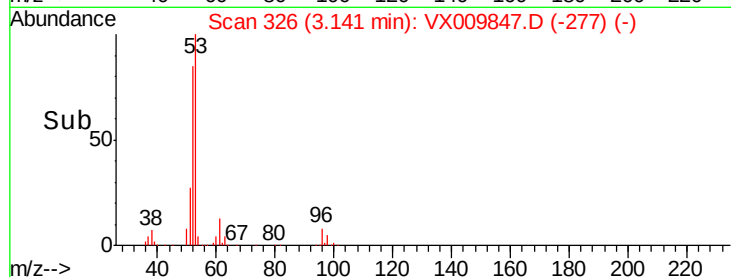
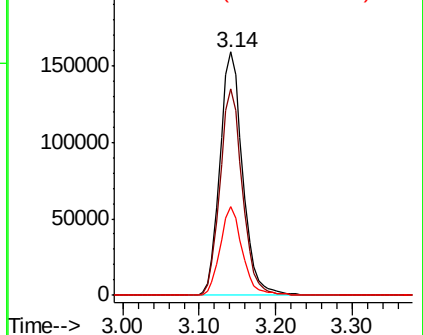
51 35.8 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 252.812 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009847.D

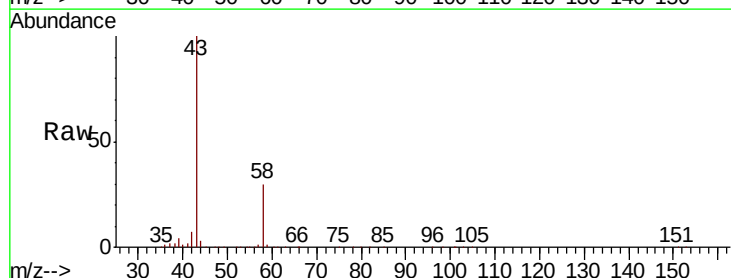
Acq: 23 May 2019 10:32

Tgt Ion: 43 Resp: 349932

Ion Ratio Lower Upper

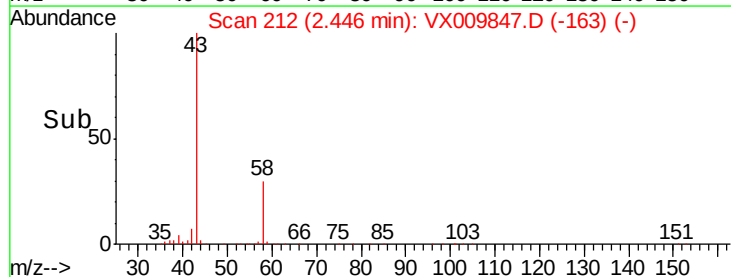
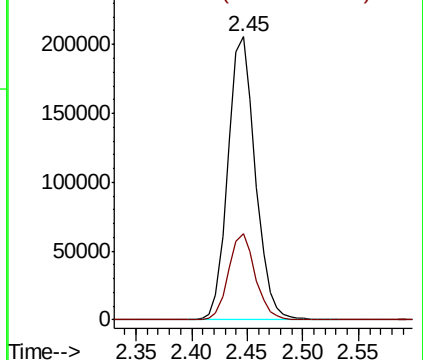
43 100

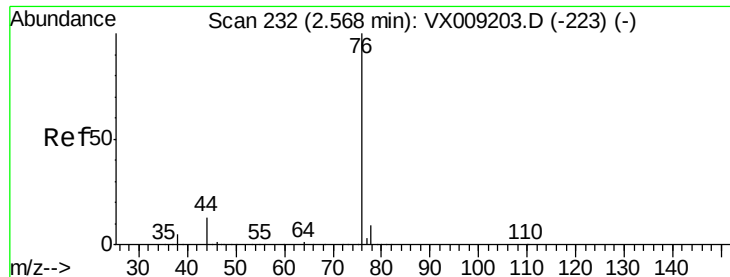
58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

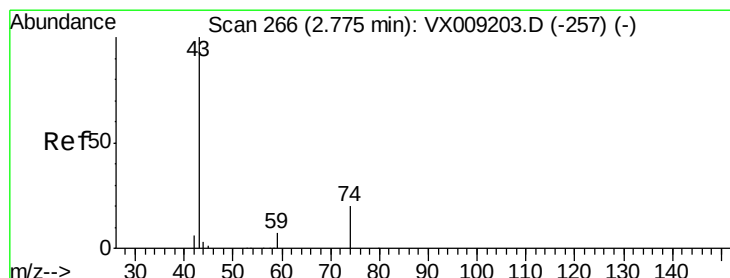
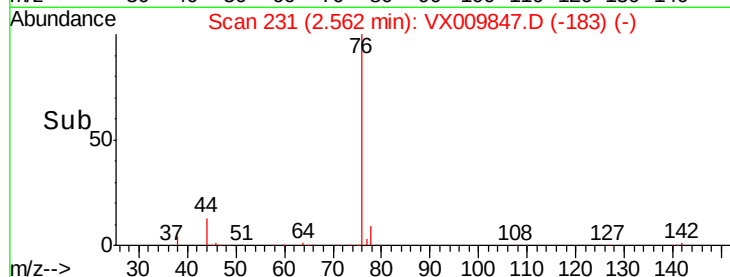
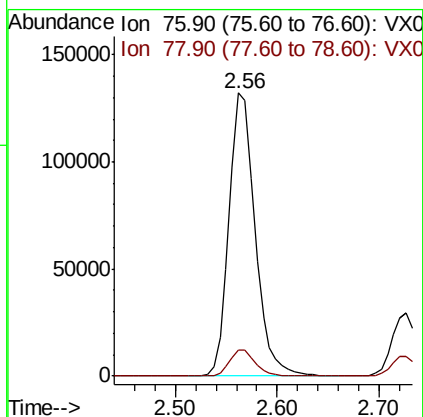
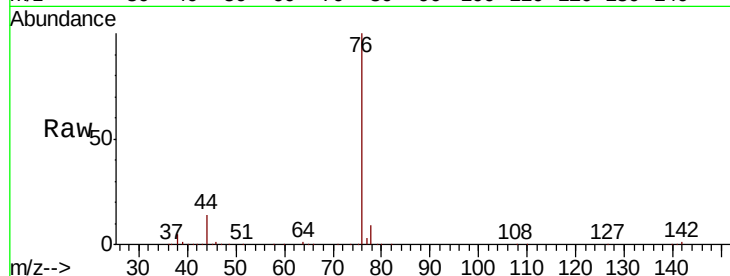




#17
Carbon Disulfide
Concen: 47.109 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

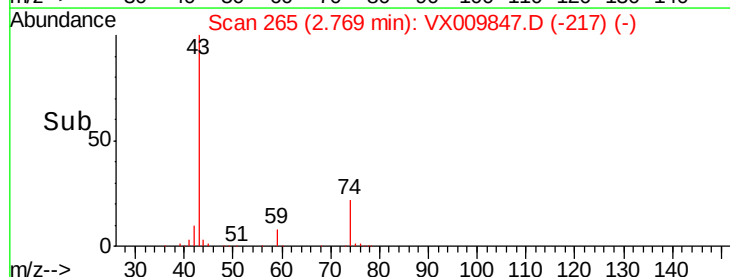
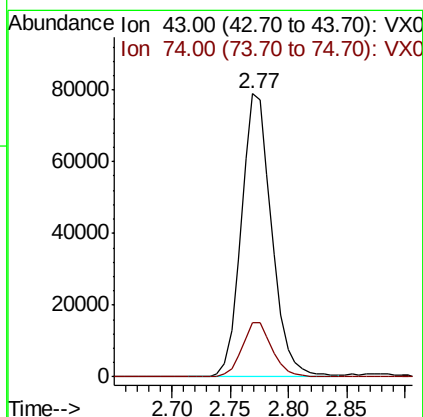
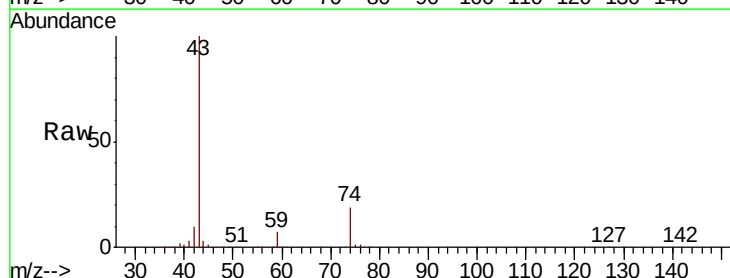
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

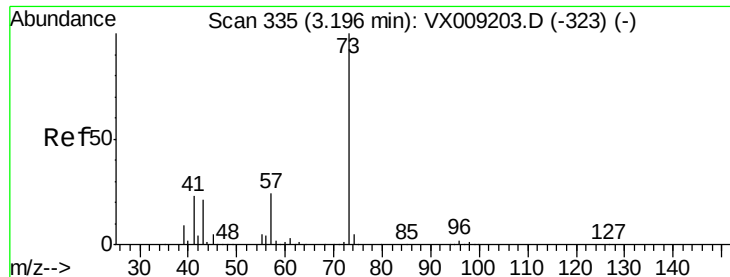
Tgt Ion: 76 Resp: 234338
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 43.332 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 43 Resp: 142641
Ion Ratio Lower Upper
43 100
74 19.6 16.2 24.4



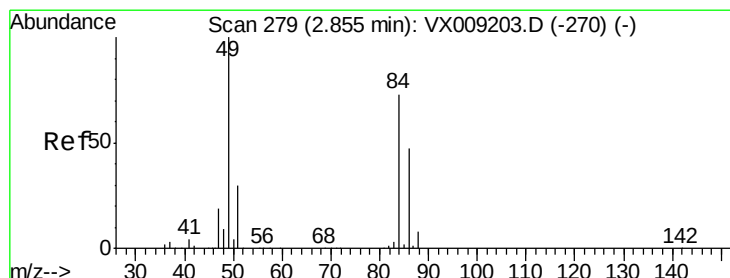
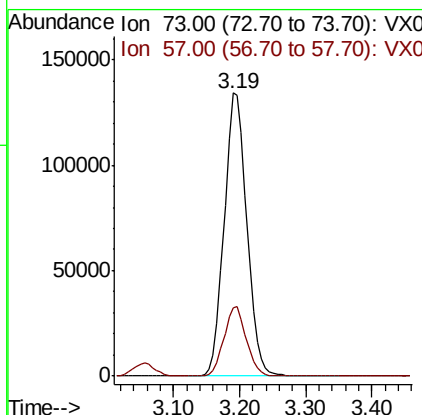
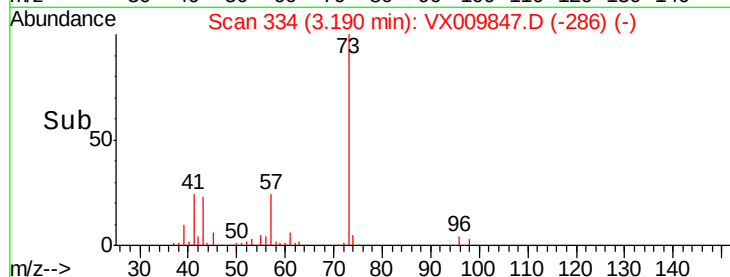
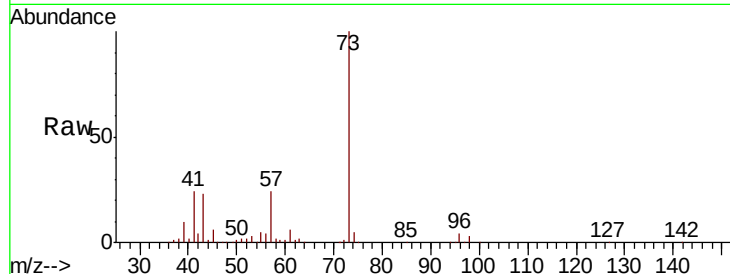


#19

Methyl tert-butyl Ether
 Concen: 46.272 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

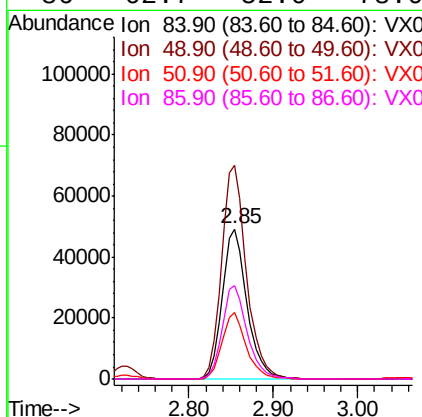
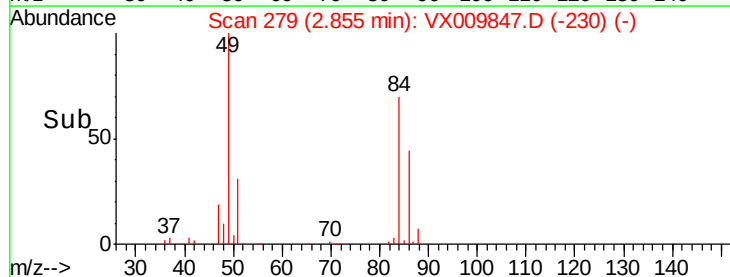
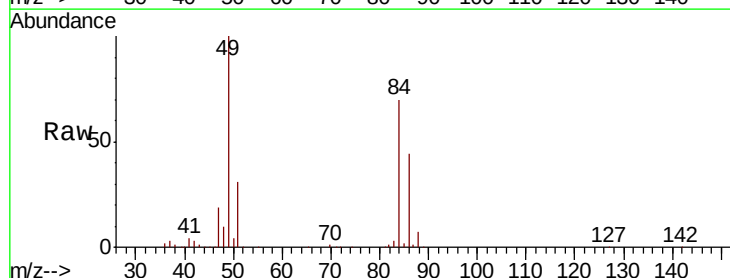
Tgt Ion: 73 Resp: 318364
 Ion Ratio Lower Upper
 73 100
 57 24.3 19.3 28.9

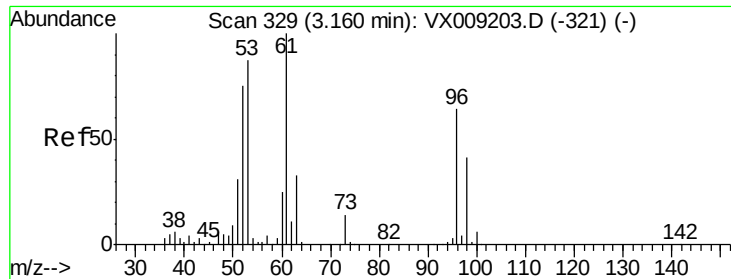


#20

Methylene Chloride
 Concen: 44.085 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 84 Resp: 98801
 Ion Ratio Lower Upper
 84 100
 49 142.6 109.9 164.9
 51 44.6 32.7 49.1
 86 62.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.745 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

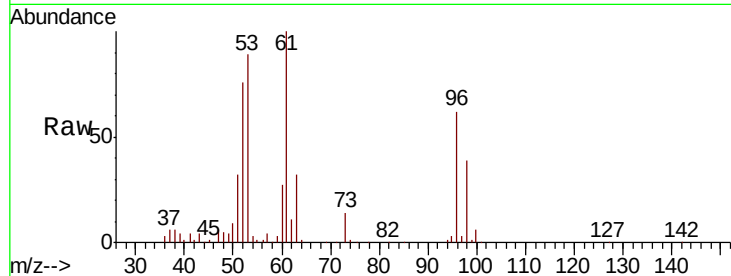
Tgt Ion: 96 Resp: 87899

Ion Ratio Lower Upper

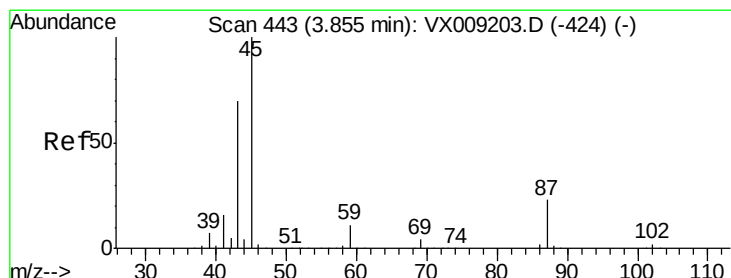
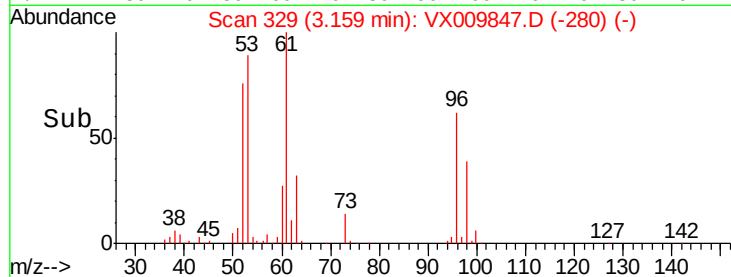
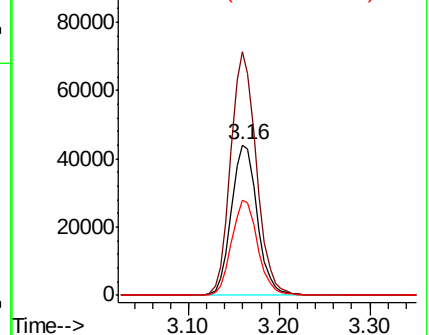
96 100

61 161.8 124.5 186.7

98 62.9 50.4 75.6



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



#22

Diisopropyl ether

Concen: 47.011 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Tgt Ion: 45 Resp: 390363

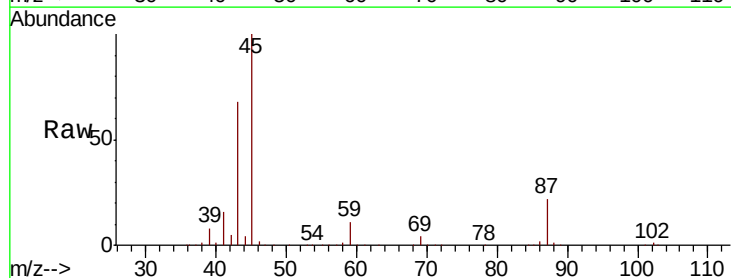
Ion Ratio Lower Upper

45 100

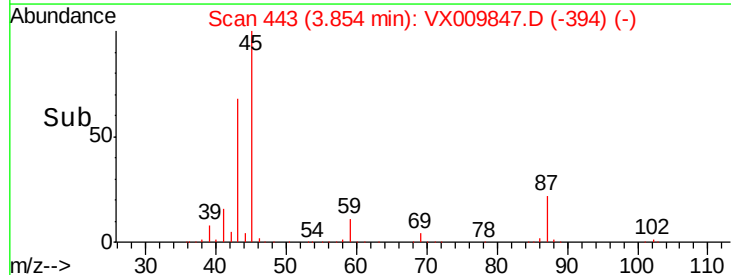
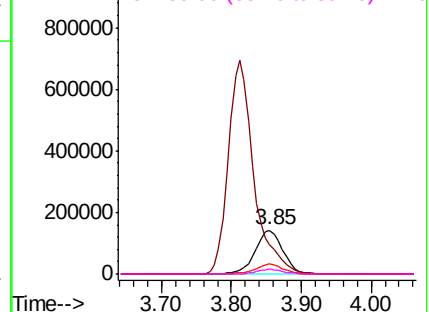
43 67.8 56.1 84.1

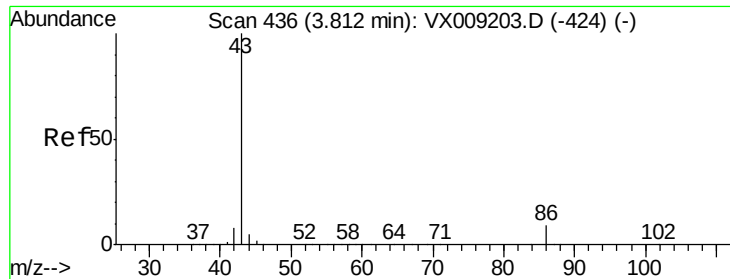
87 22.4 18.1 27.1

59 10.7 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.622 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

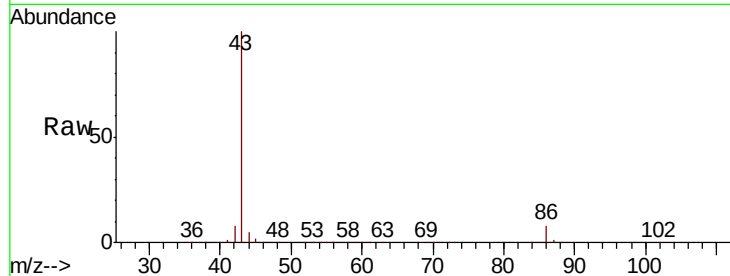
VSTDCCC050

Tgt Ion: 43 Resp: 1760733

Ion Ratio Lower Upper

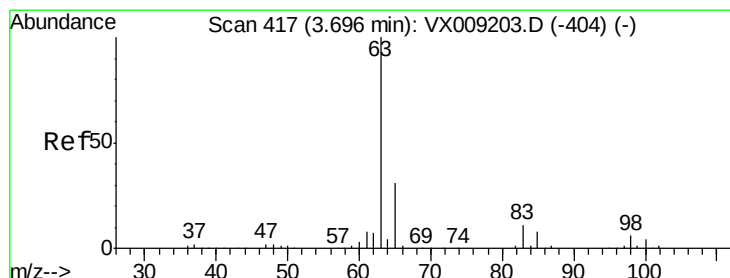
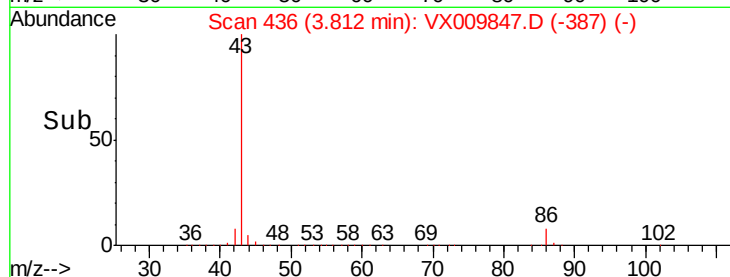
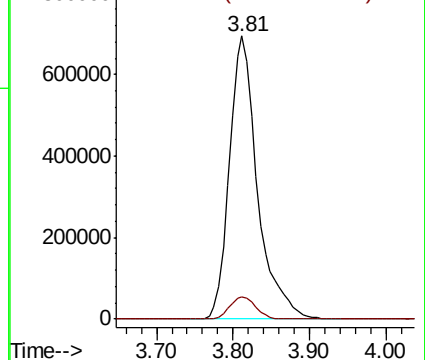
43 100

86 8.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.979 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

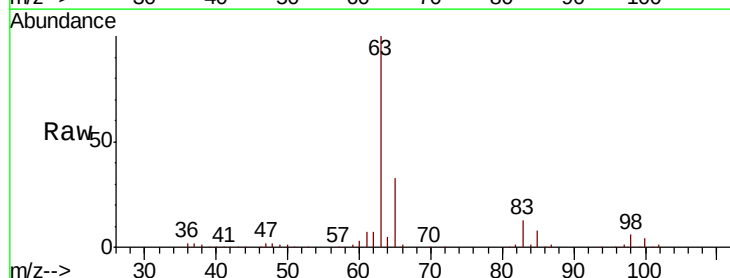
Tgt Ion: 63 Resp: 184247

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

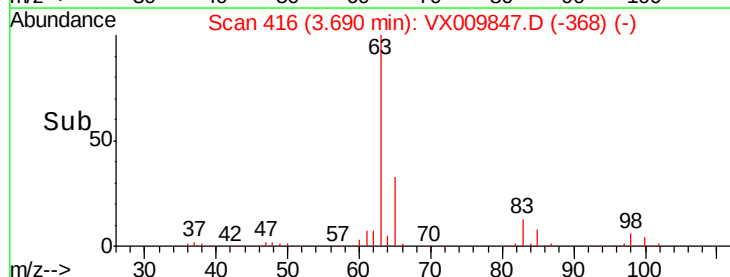
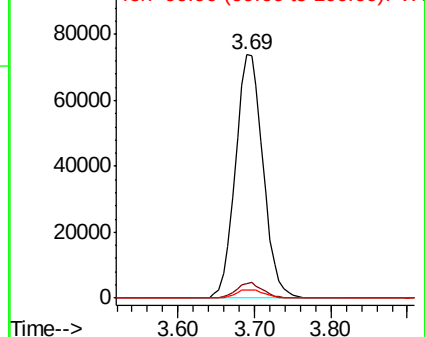
100 3.5 2.0 6.0

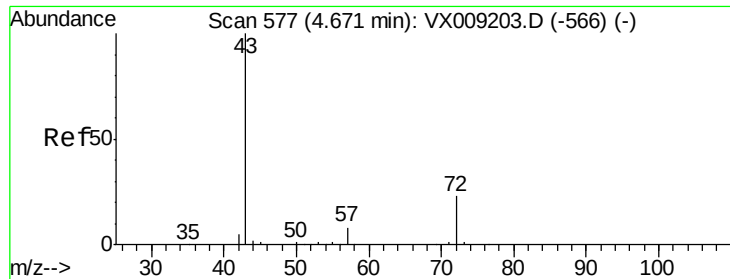


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 246.133 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

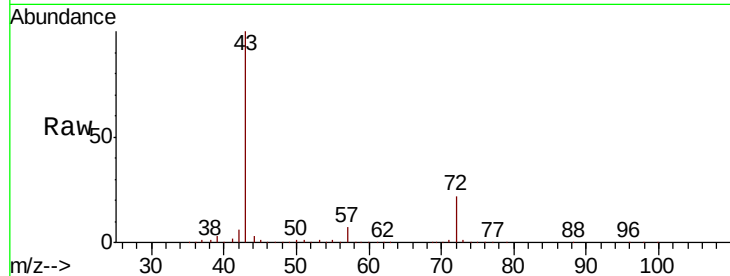
VSTDCCC050

Tgt Ion: 43 Resp: 529418

Ion Ratio Lower Upper

43 100

72 21.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

150000

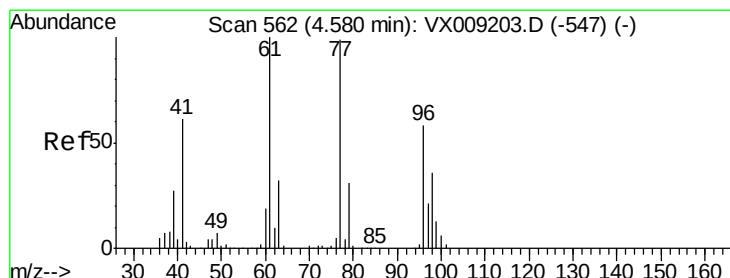
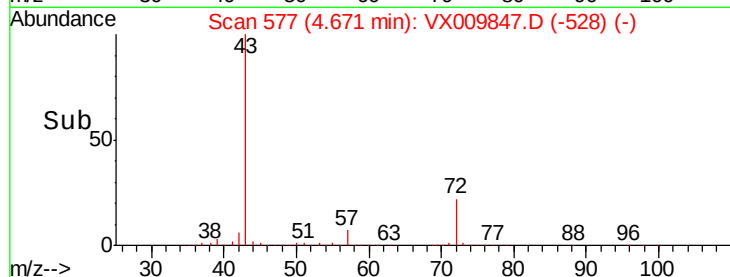
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.597 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009847.D

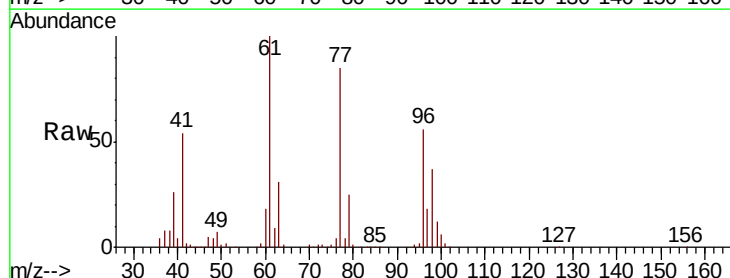
Acq: 23 May 2019 10:32

Tgt Ion: 77 Resp: 142077

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

30000

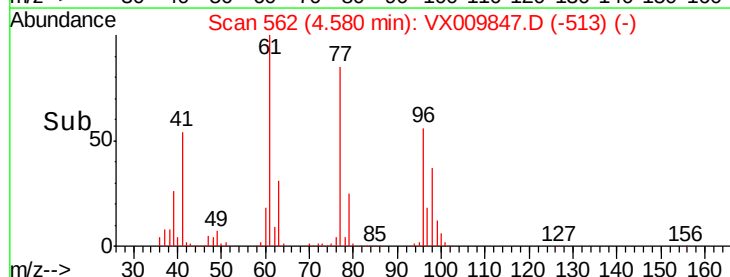
20000

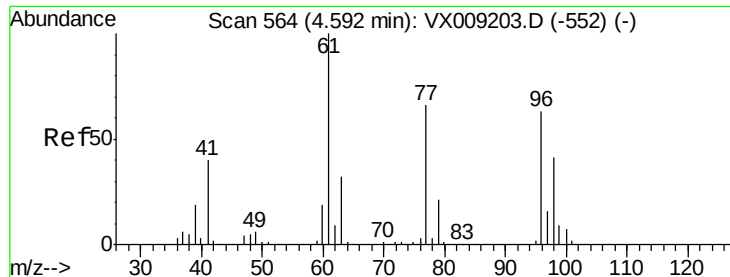
10000

0

4.50 4.60 4.70

Time-->



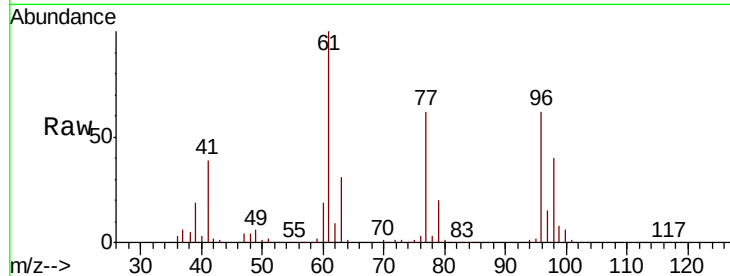


#27

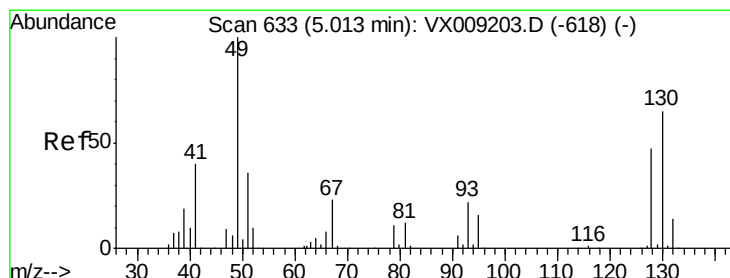
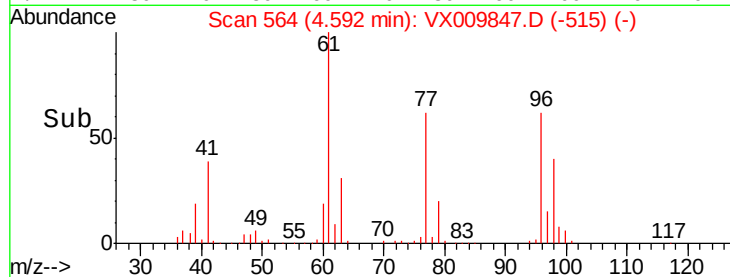
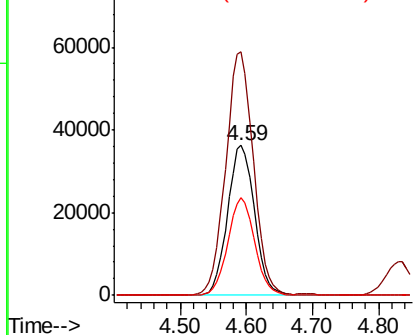
cis-1,2-Dichloroethene
 Concen: 44.770 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 102682
 Ion Ratio Lower Upper
 96 100
 61 166.3 0.0 324.0
 98 64.4 0.0 130.4



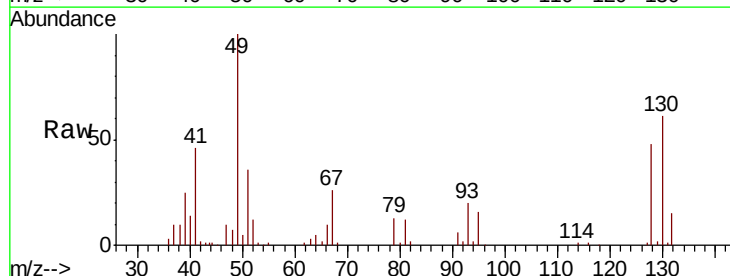
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



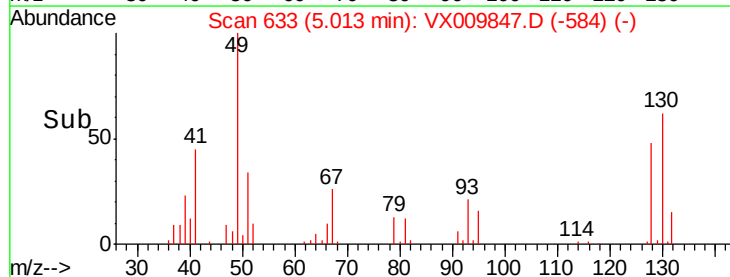
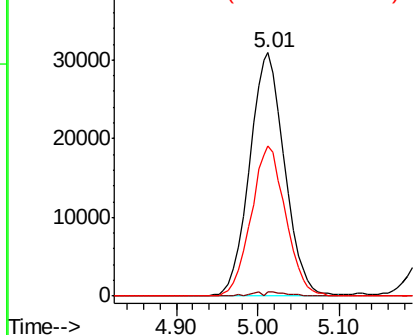
#28

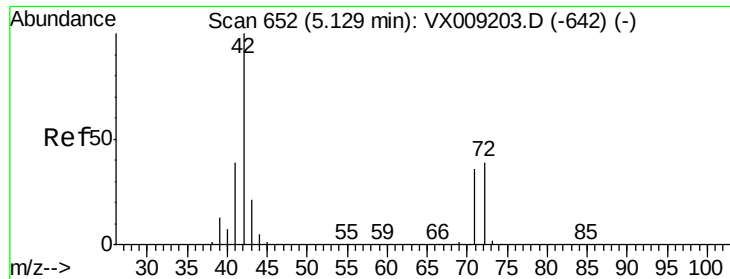
Bromochloromethane
 Concen: 56.313 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 49 Resp: 92287
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 60.9 51.2 76.8



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

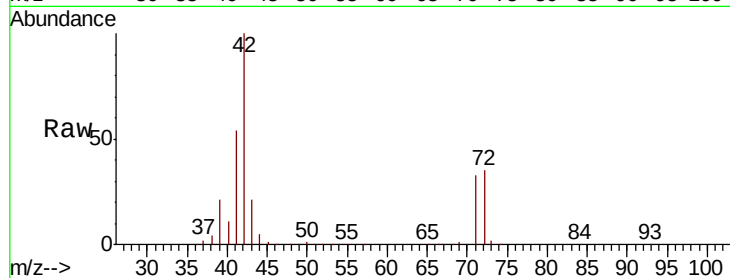




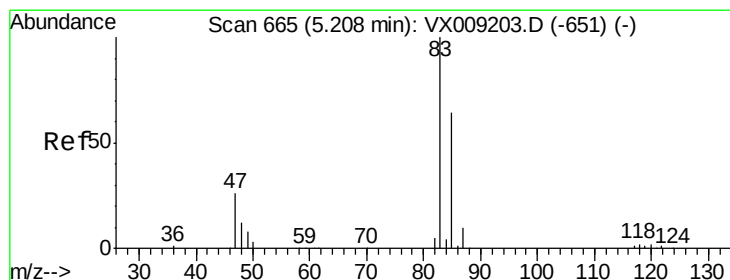
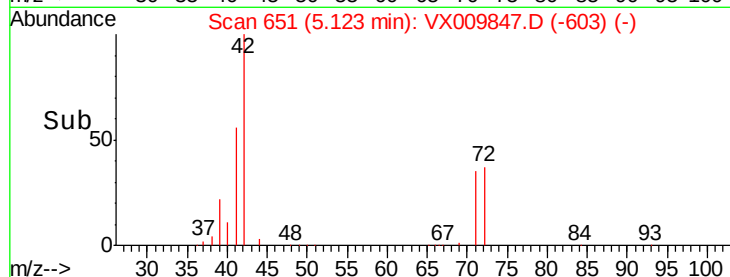
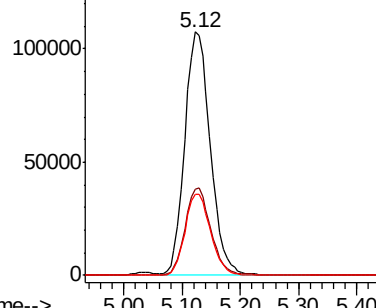
#29
Tetrahydrofuran
Concen: 235.957 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 326594
Ion Ratio Lower Upper
42 100
72 36.2 30.4 45.6
71 33.7 28.6 43.0

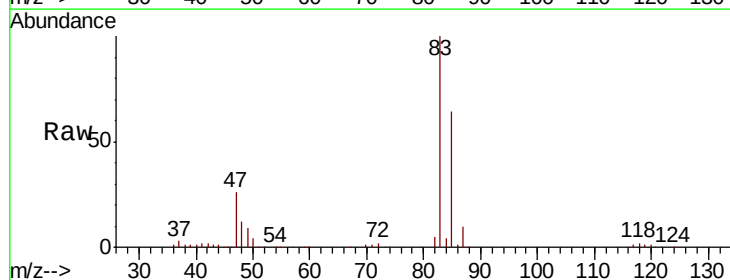


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

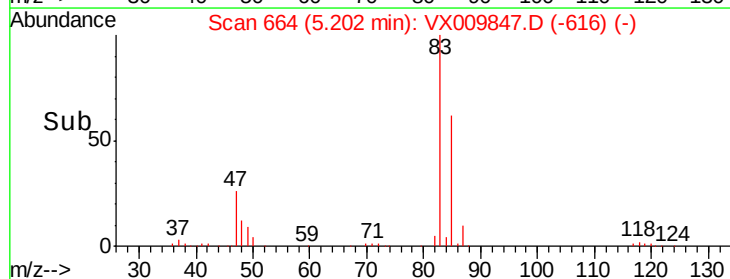
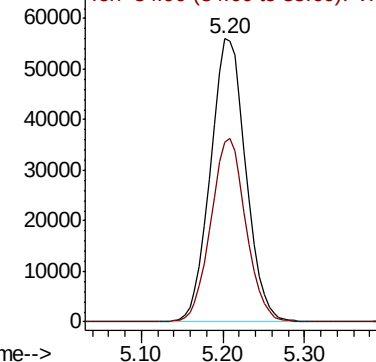


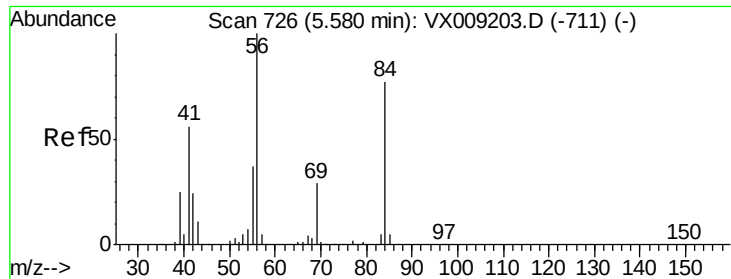
#30
Chloroform
Concen: 45.630 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 83 Resp: 169052
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

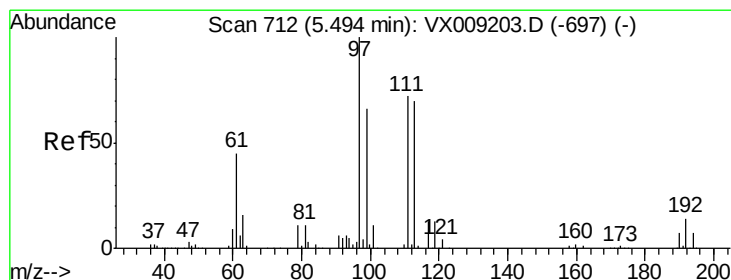
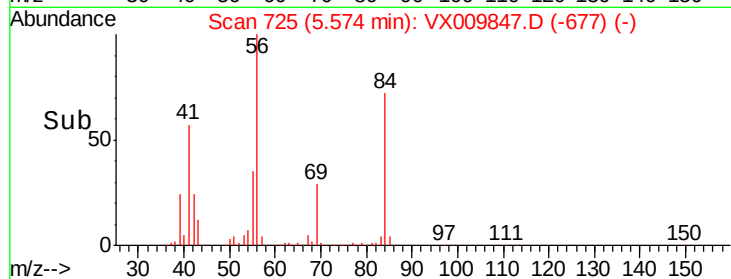
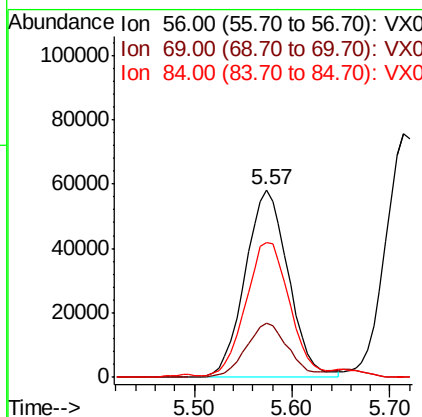
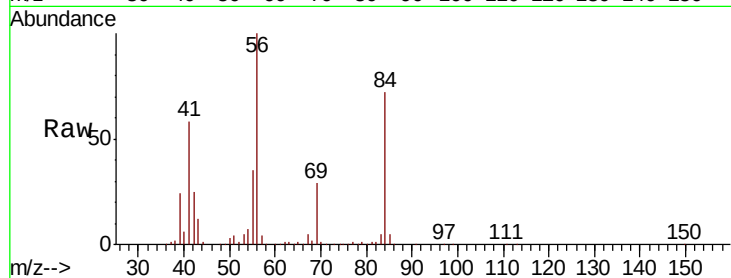




#31
Cyclohexane
Concen: 46.711 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

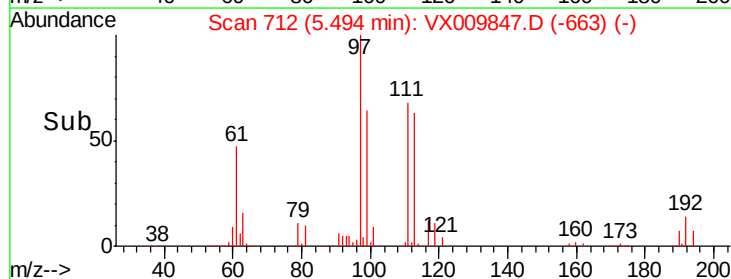
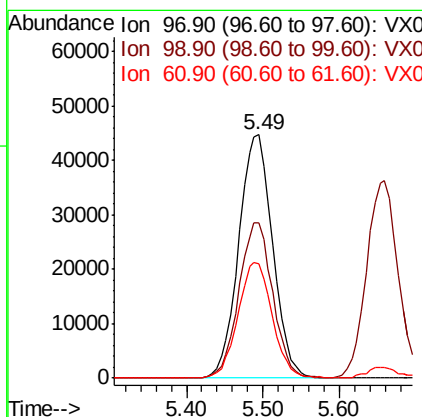
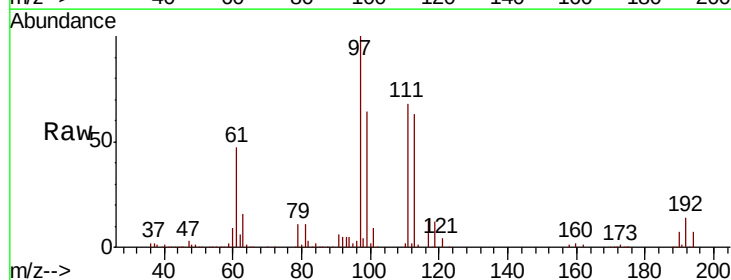
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

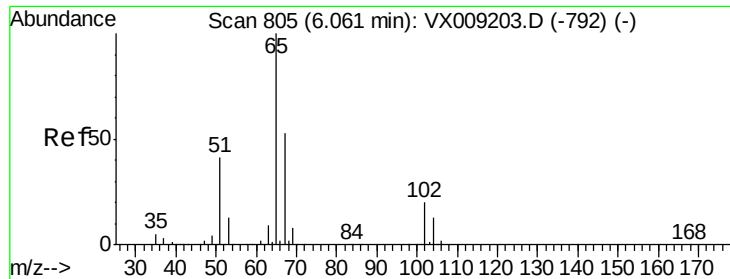
Tgt Ion: 56 Resp: 178021
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.0
84 70.5 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 44.664 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 97 Resp: 137750
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 48.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 44.695 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

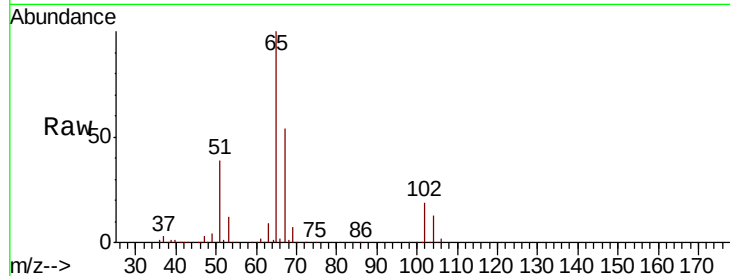
VSTDCCC050

Tgt Ion: 65 Resp: 115213

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

20000

10000

0

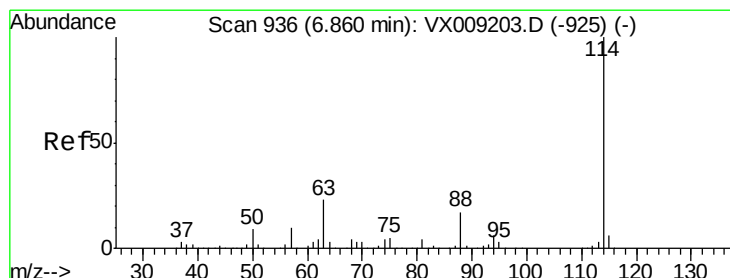
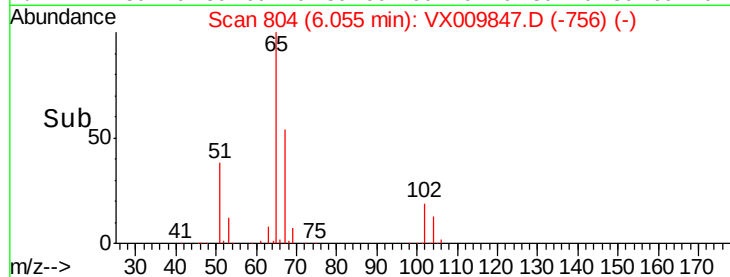
5.90

6.00

6.10

6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

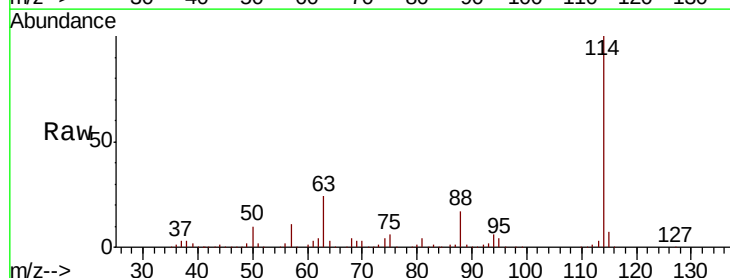
Tgt Ion: 114 Resp: 299137

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.6

88 17.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

100000

50000

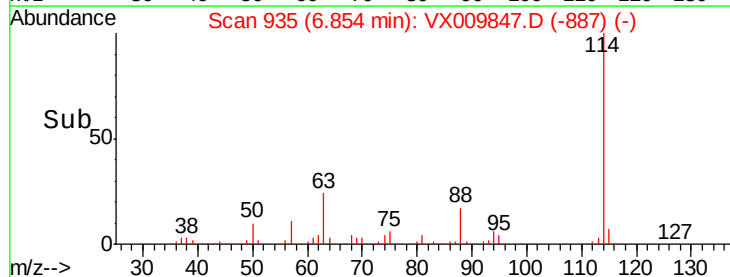
0

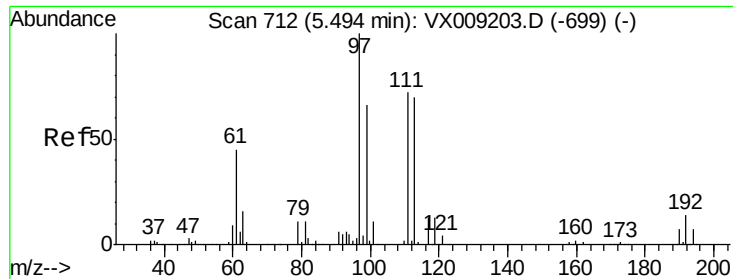
6.80

6.90

7.00

Time-->

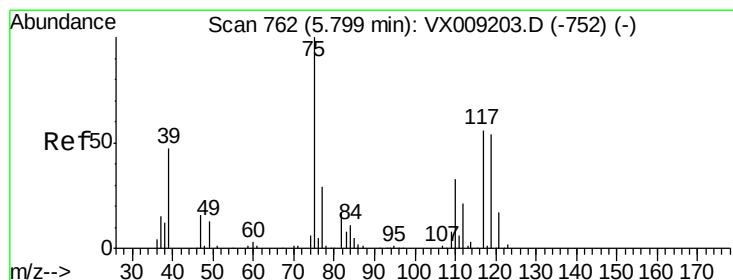
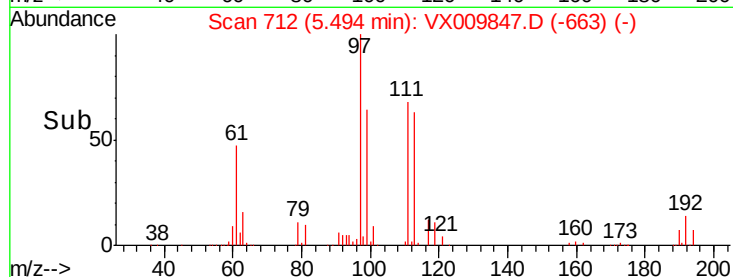
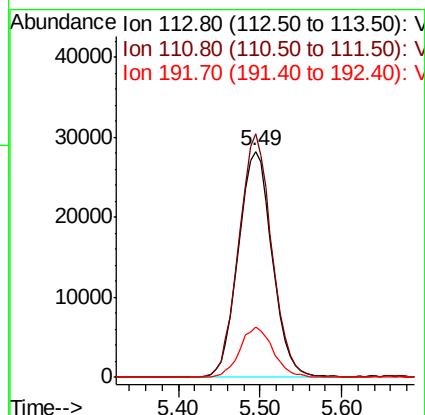
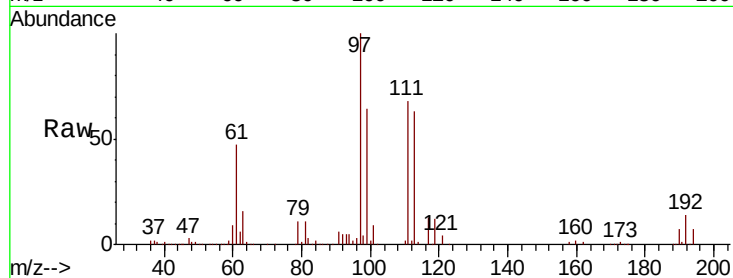




#35
 Dibromofluoromethane
 Concen: 43.352 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

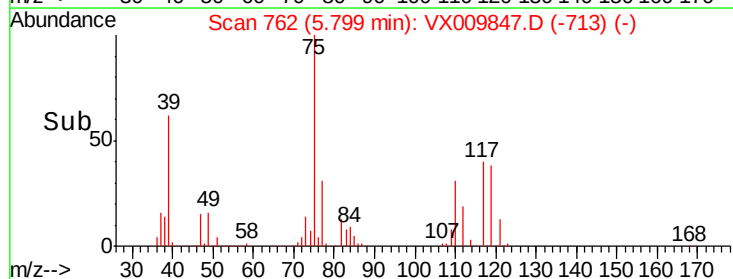
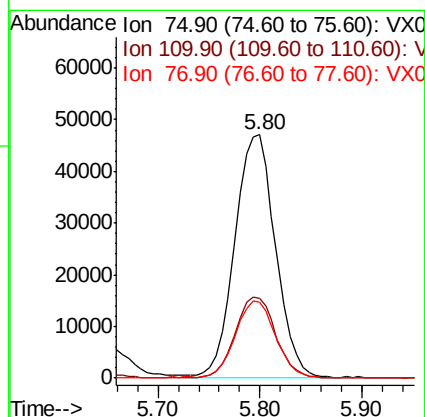
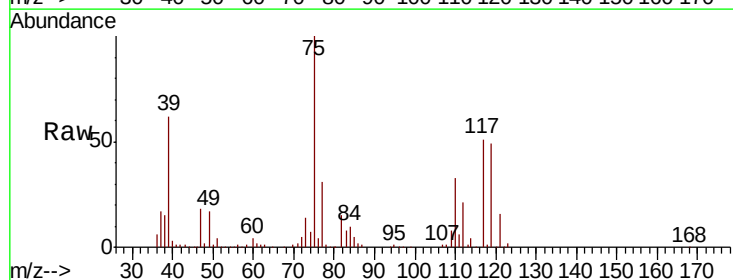
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

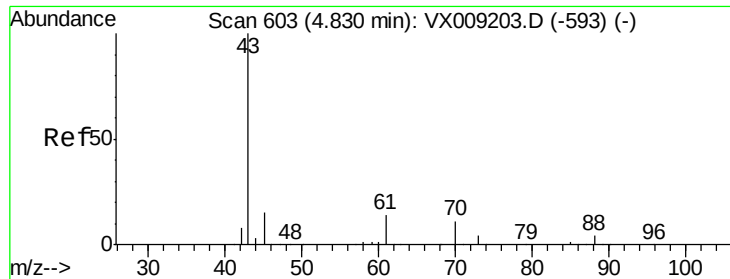
Tgt Ion:113 Resp: 81524
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 46.527 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 75 Resp: 129340
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.9 50.6
 77 32.0 24.8 37.2





#37

Ethyl Acetate

Concen: 48.448 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

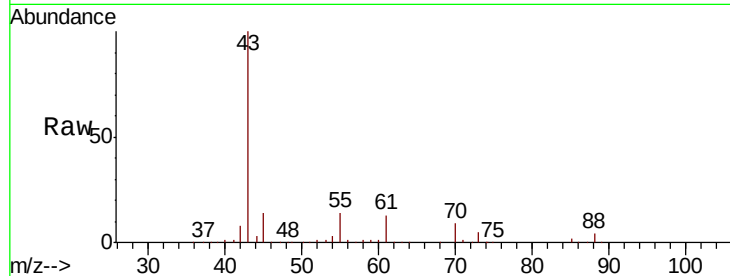
Tgt Ion: 43 Resp: 187651

Ion Ratio Lower Upper

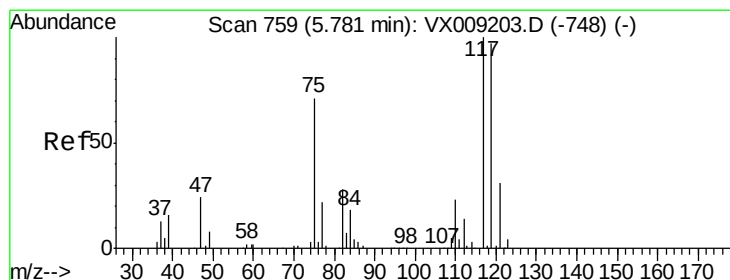
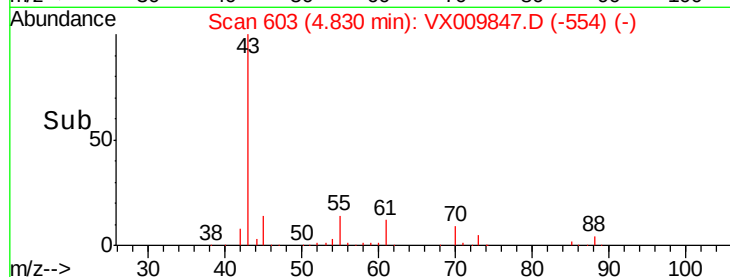
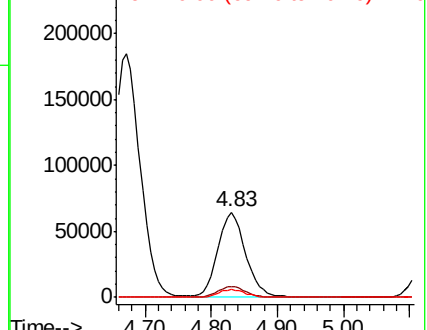
43 100

61 12.6 10.5 15.7

70 8.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.822 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

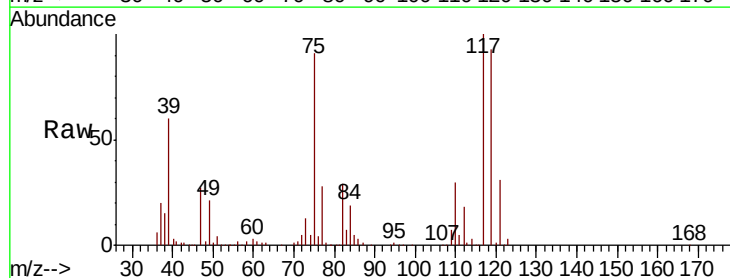
Tgt Ion: 117 Resp: 115734

Ion Ratio Lower Upper

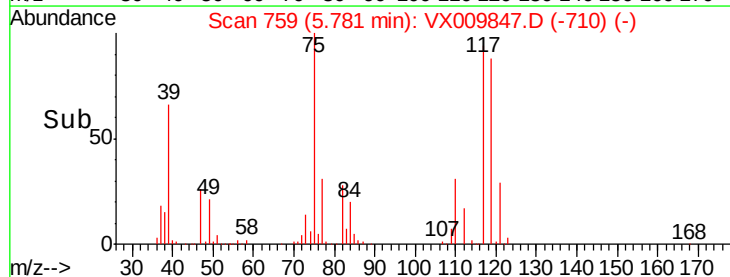
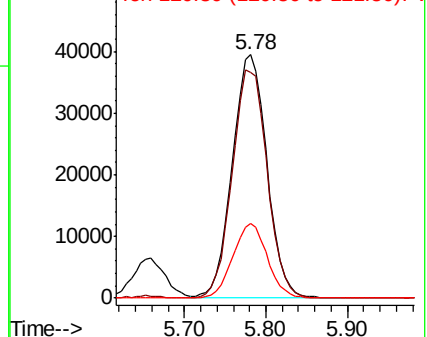
117 100

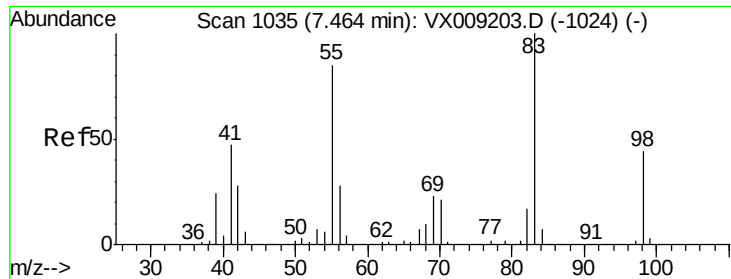
119 92.5 77.5 116.3

121 30.6 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

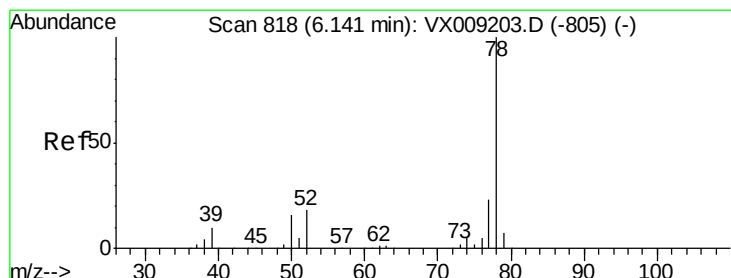
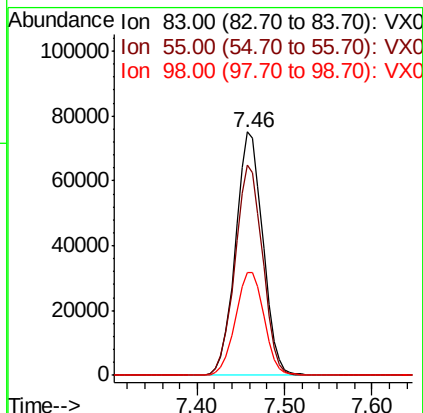
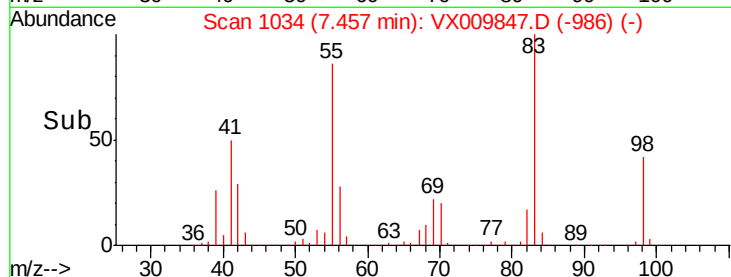
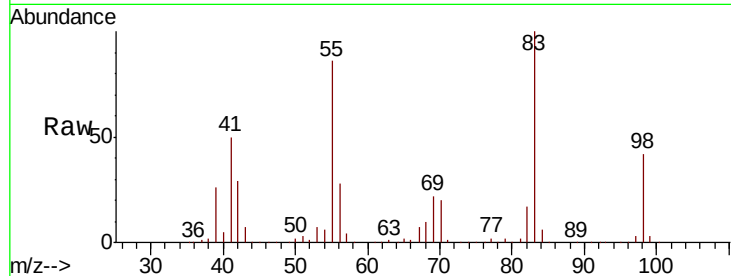




#39
Methylcyclohexane
Concen: 47.925 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

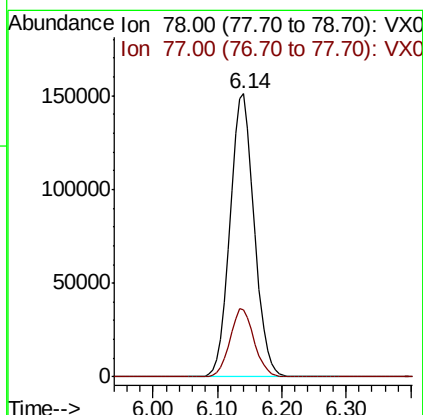
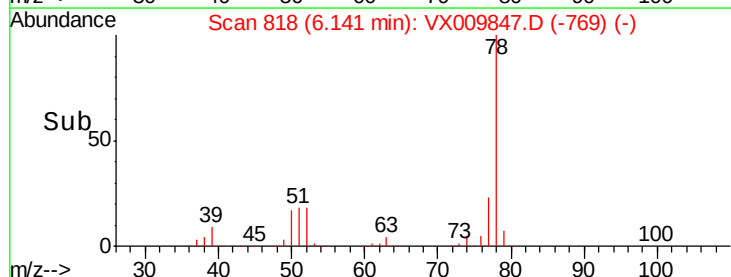
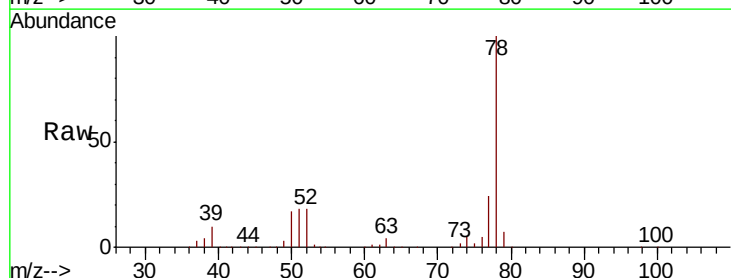
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

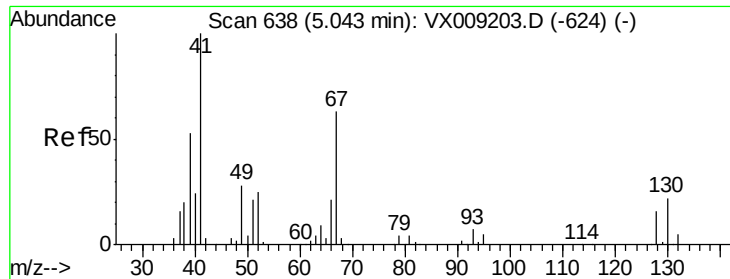
Tgt Ion: 83 Resp: 163617
Ion Ratio Lower Upper
83 100
55 86.5 67.7 101.5
98 42.0 35.5 53.3



#40
Benzene
Concen: 46.195 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 78 Resp: 397431
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

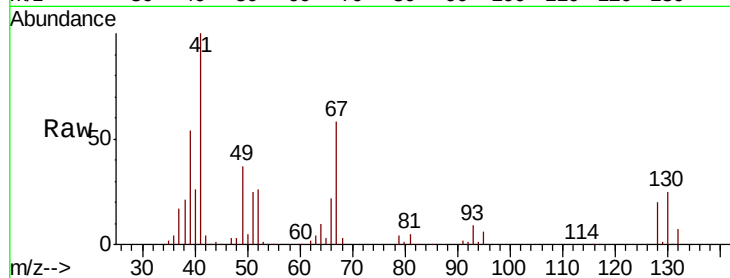




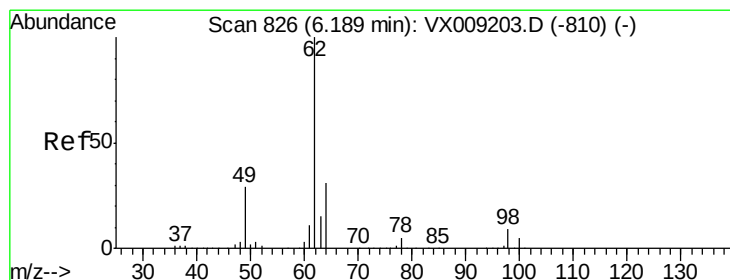
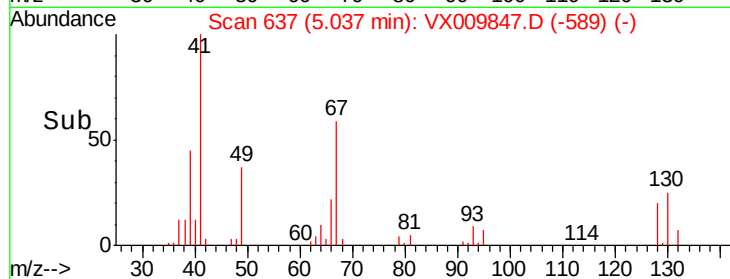
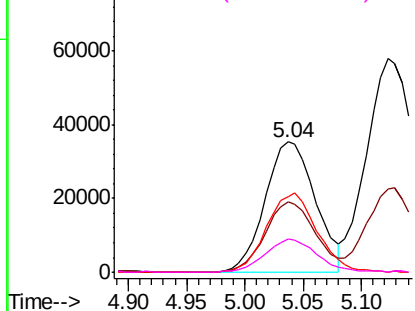
#41
Methacrylonitrile
Concen: 45.848 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	105709
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.0	63.0
67	61.4	49.8	74.8
52	26.4	20.3	30.5

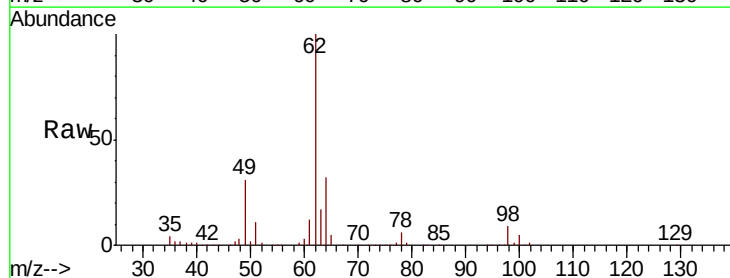


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

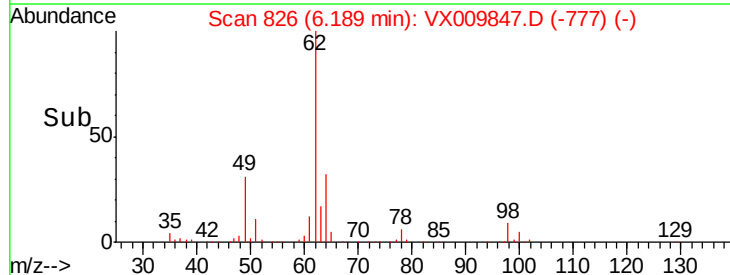
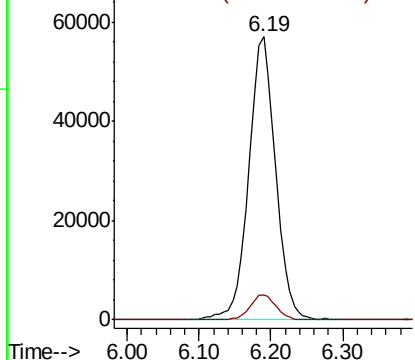


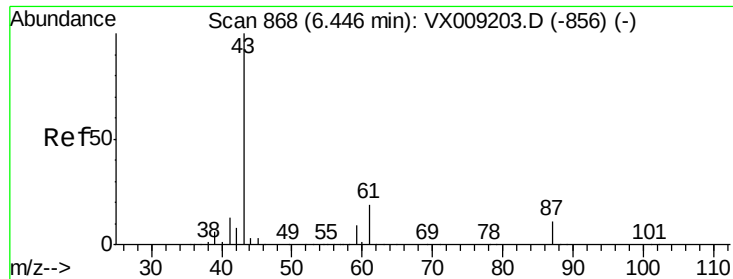
#42
1,2-Dichloroethane
Concen: 47.603 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion:	62	Resp:	146912
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



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

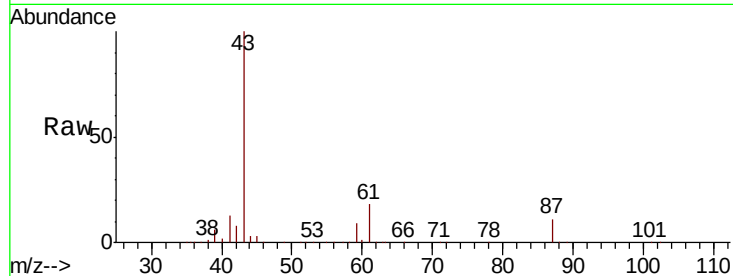




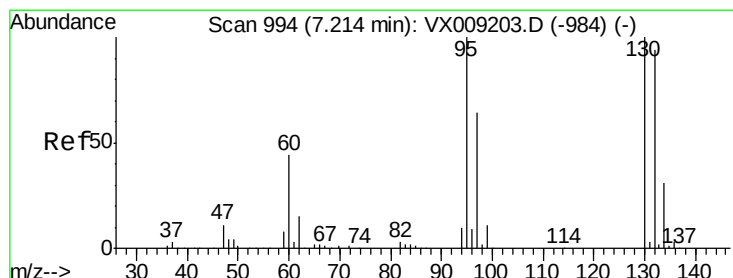
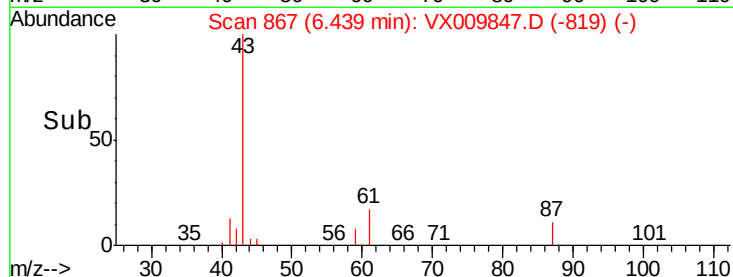
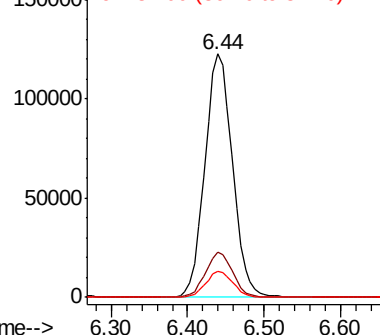
#43
Isopropyl Acetate
Concen: 49.278 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 305300
Ion Ratio Lower Upper
43 100
61 18.3 15.1 22.7
87 10.7 9.0 13.6

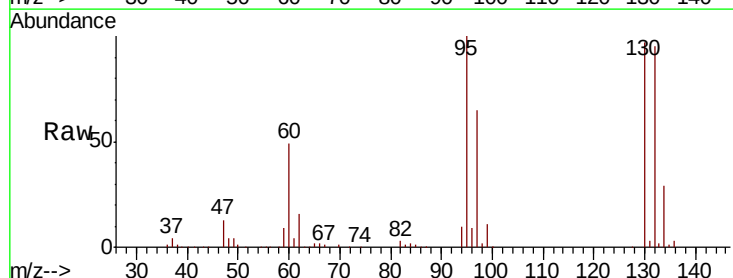


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

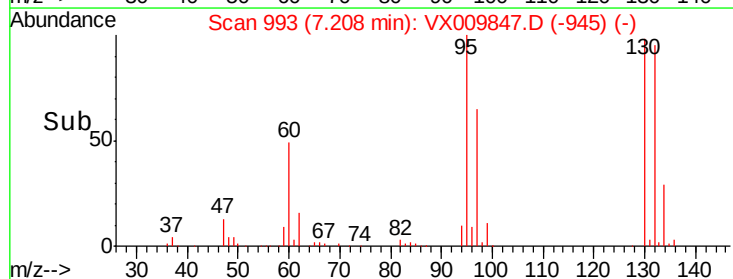
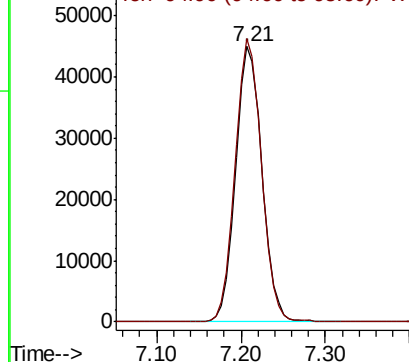


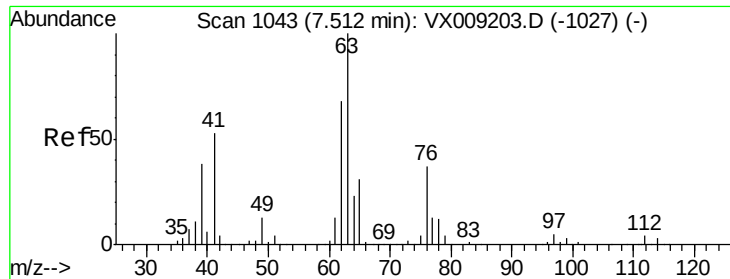
#44
Trichloroethene
Concen: 45.535 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 130 Resp: 94707
Ion Ratio Lower Upper
130 100
95 102.7 0.0 199.2



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

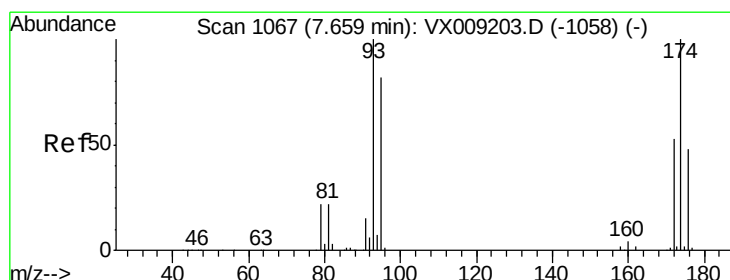
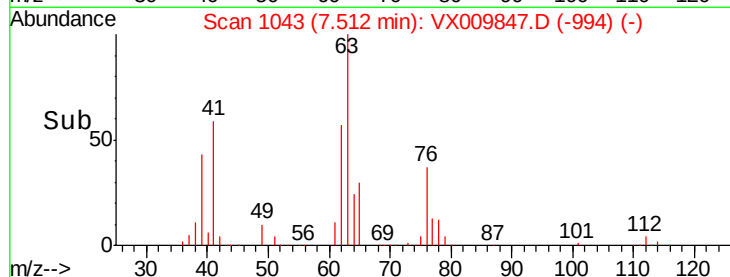
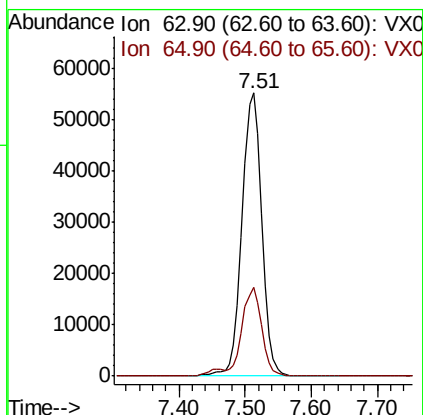
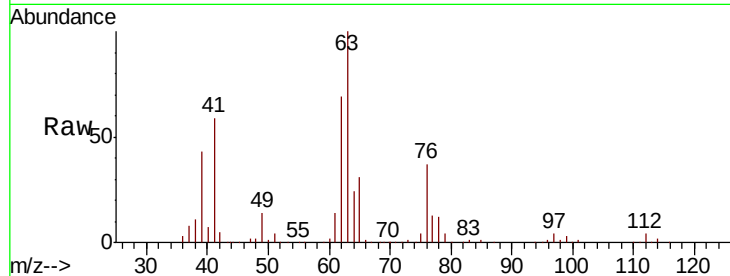




#45
 1,2-Dichloropropane
 Concen: 47.221 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

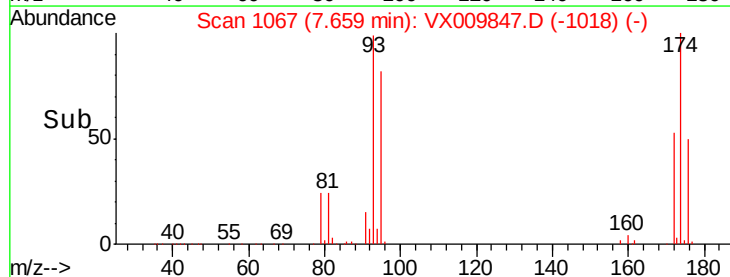
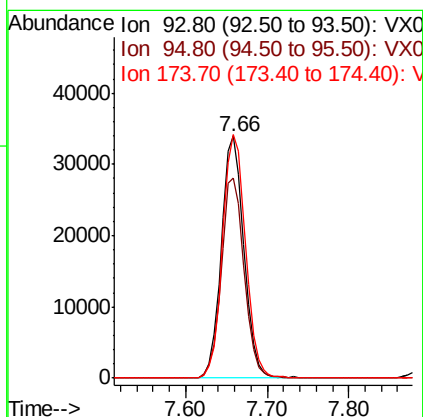
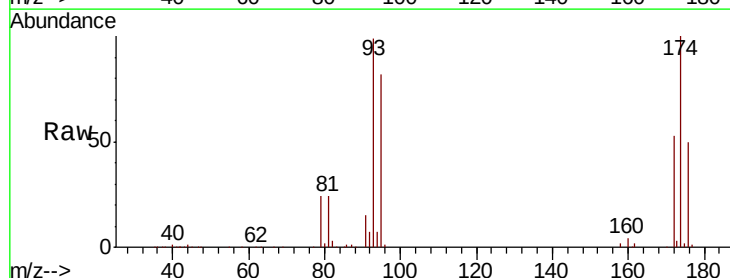
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

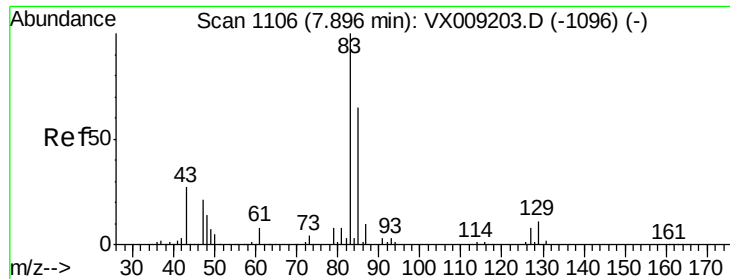
Tgt Ion: 63 Resp: 115036
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 45.804 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 93 Resp: 64798
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.5 99.7
 174 102.5 82.1 123.1





#47

Bromodichloromethane

Concen: 47.246 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

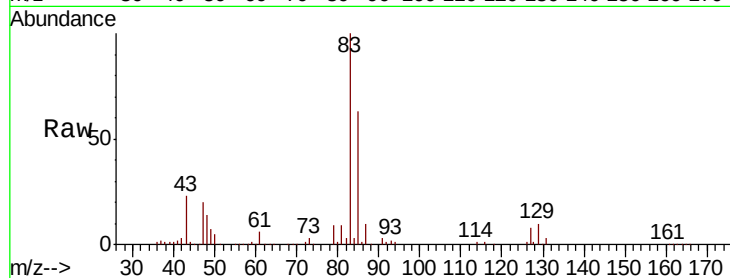
Tgt Ion: 83 Resp: 133324

Ion Ratio Lower Upper

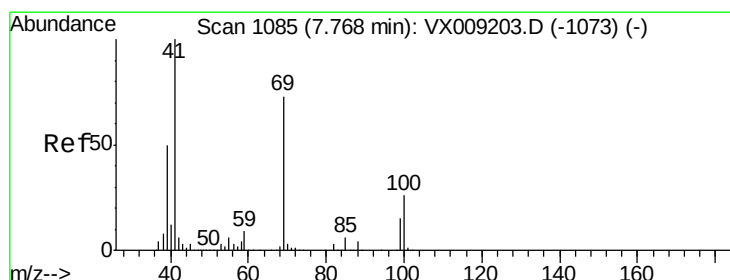
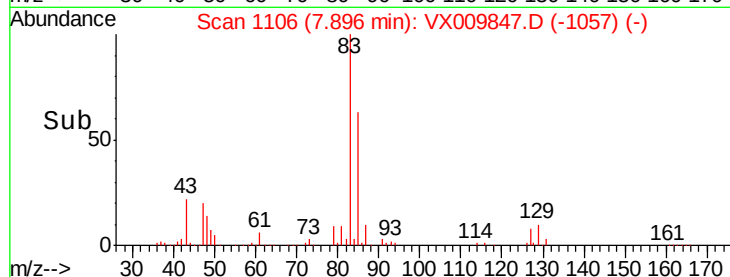
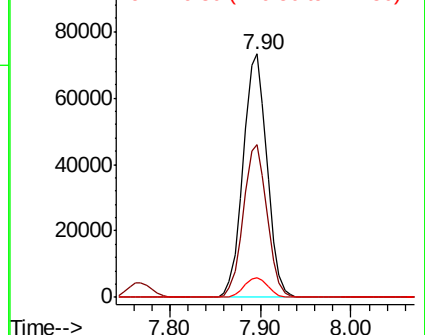
83 100

85 62.6 52.4 78.6

127 8.1 6.6 10.0



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



#48

Methyl methacrylate

Concen: 50.749 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

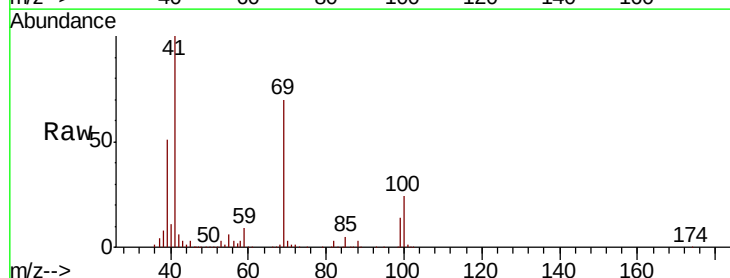
Tgt Ion: 41 Resp: 155988

Ion Ratio Lower Upper

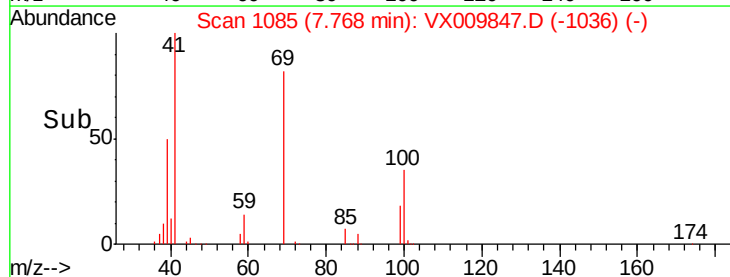
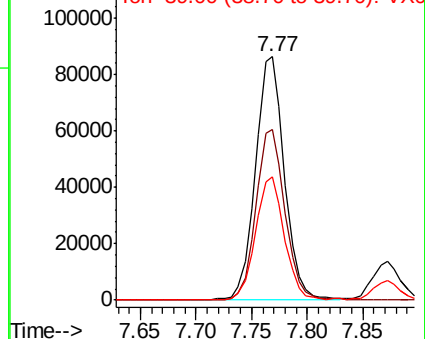
41 100

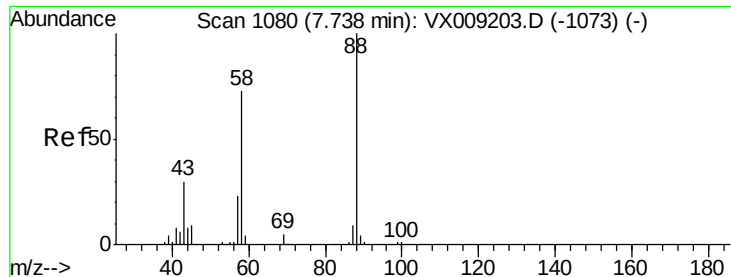
69 70.7 59.1 88.7

39 50.7 40.4 60.6



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





#49

1,4-Dioxane

Concen: 862.039 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

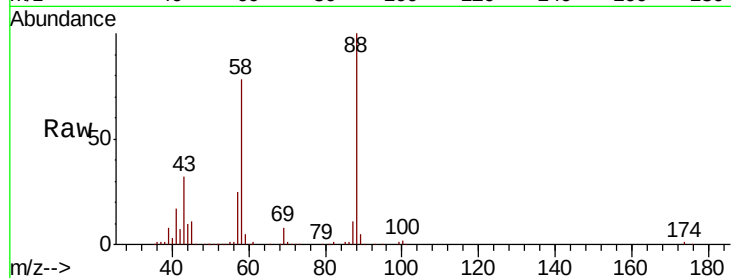
Tgt Ion: 88 Resp: 53735

Ion Ratio Lower Upper

88 100

43 37.6 28.6 42.8

58 80.2 61.7 92.5

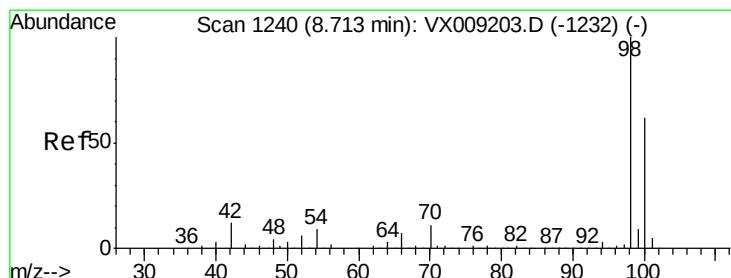
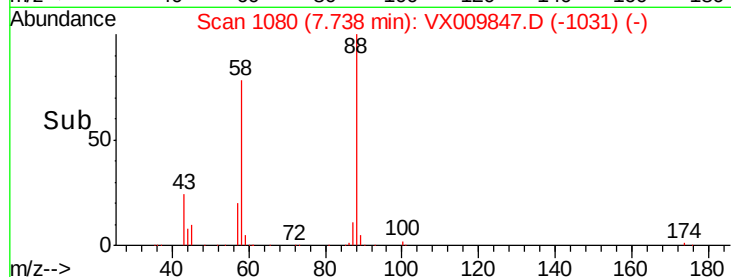
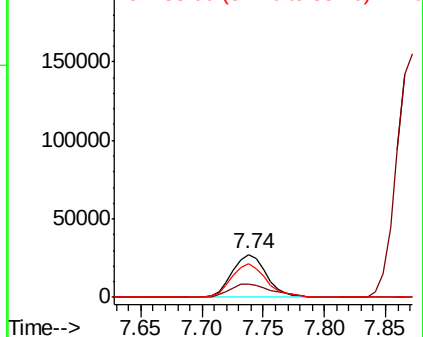


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.276 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009847.D

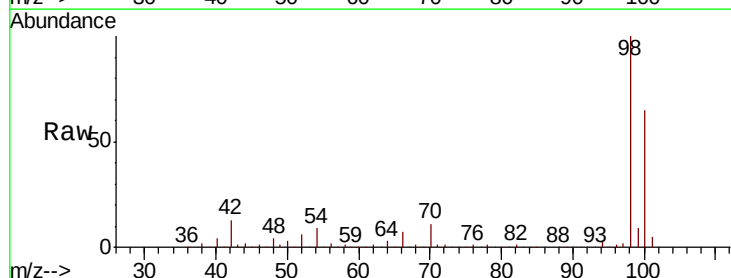
Acq: 23 May 2019 10:32

Tgt Ion: 98 Resp: 336146

Ion Ratio Lower Upper

98 100

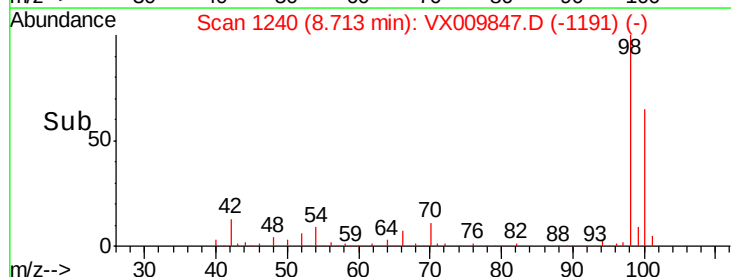
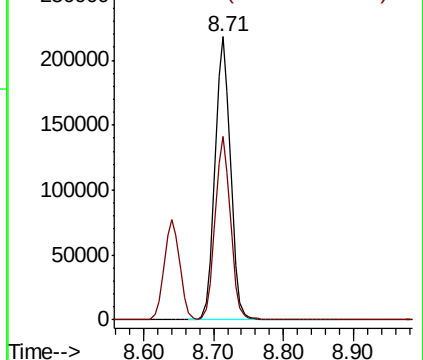
100 64.7 51.2 76.8

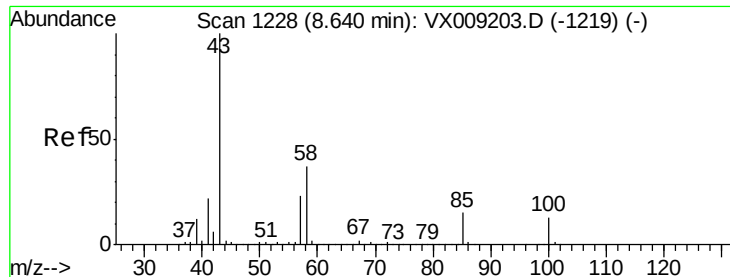


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 245.858 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

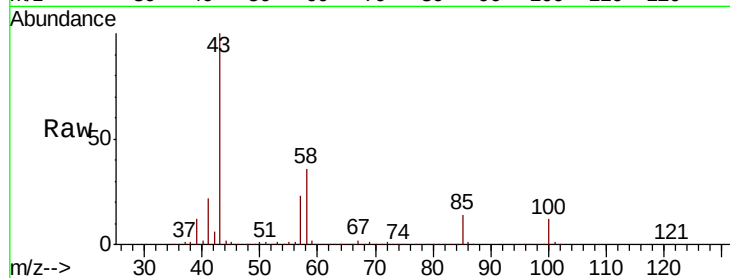
VSTDCCC050

Tgt Ion: 43 Resp: 995602

Ion Ratio Lower Upper

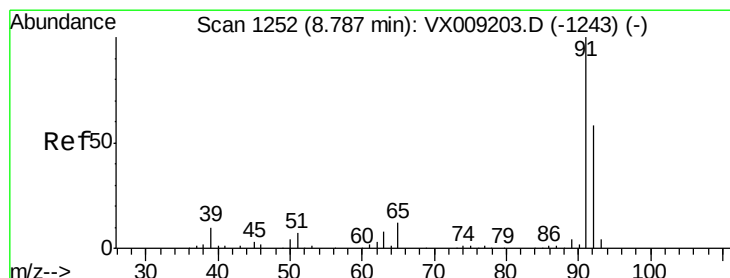
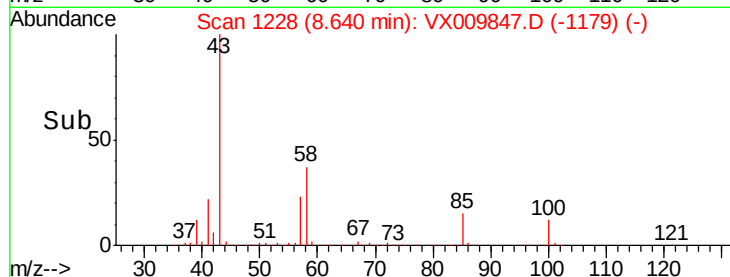
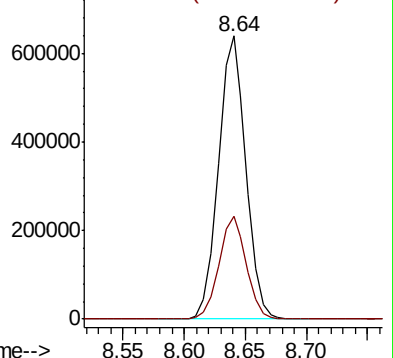
43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.782 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009847.D

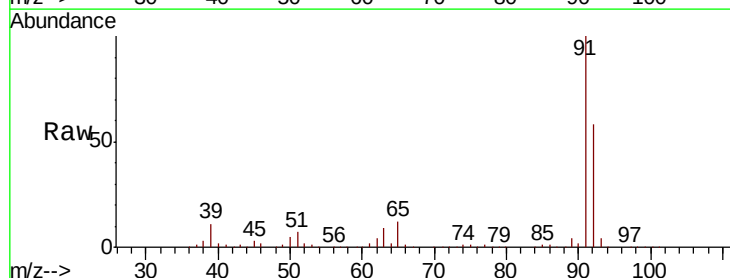
Acq: 23 May 2019 10:32

Tgt Ion: 92 Resp: 244658

Ion Ratio Lower Upper

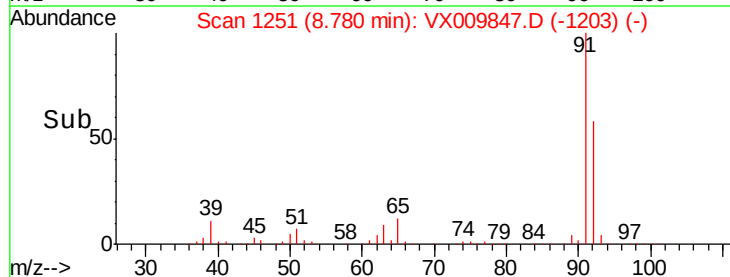
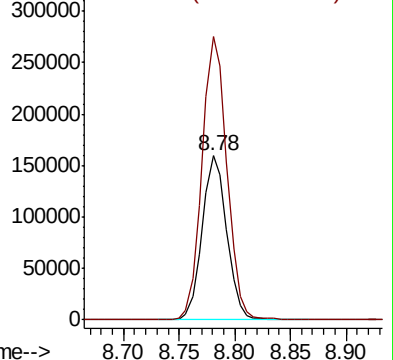
92 100

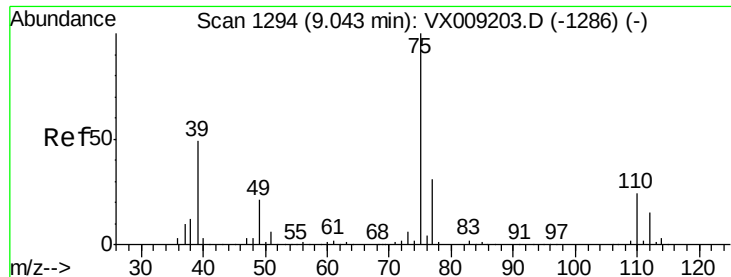
91 175.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

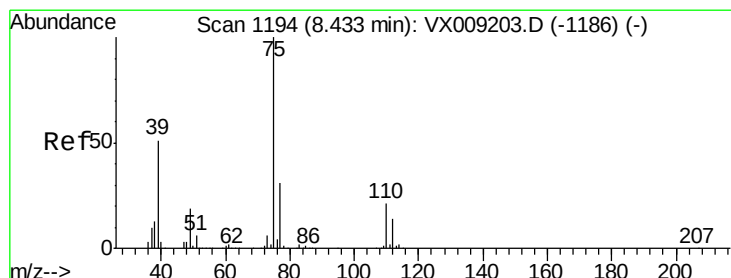
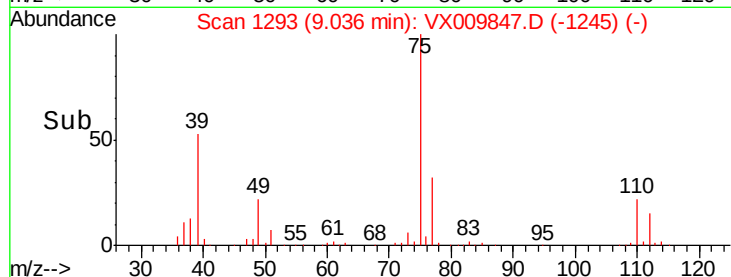
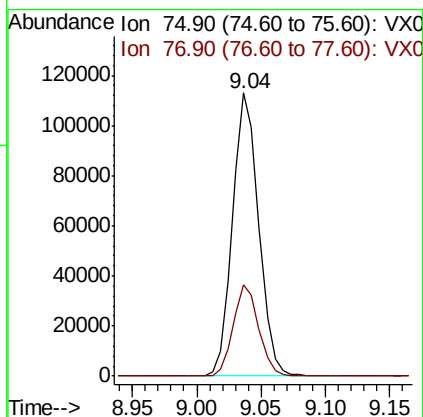
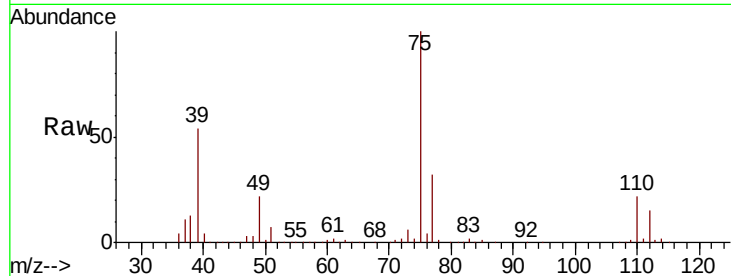




#53
t-1,3-Dichloropropene
Concen: 50.357 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

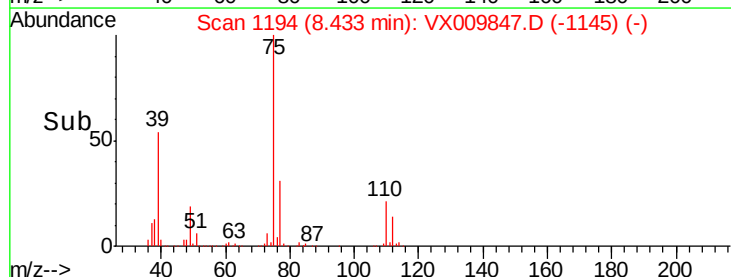
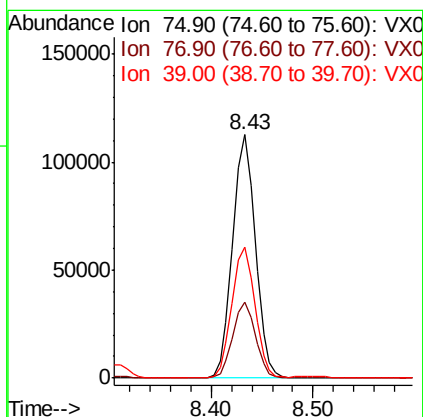
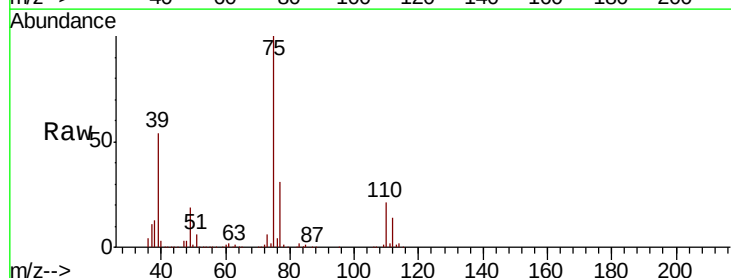
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

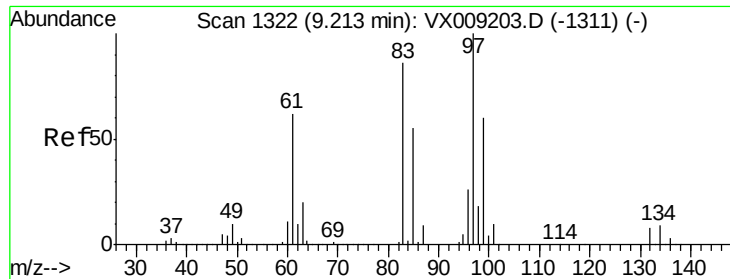
Tgt Ion: 75 Resp: 160435
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.389 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 75 Resp: 174165
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 53.6 40.6 60.8

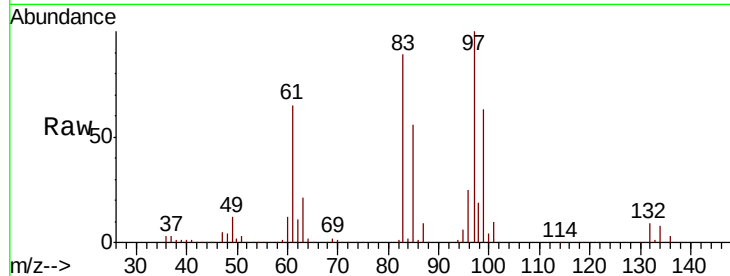




#55
 1,1,2-Trichloroethane
 Concen: 45.645 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	97387
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.9	103.3
85	56.3	43.8	65.6
99	62.8	48.2	72.2



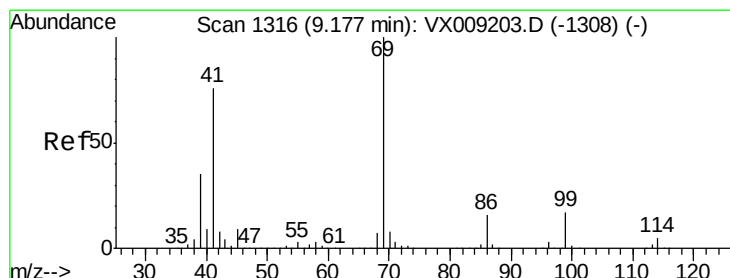
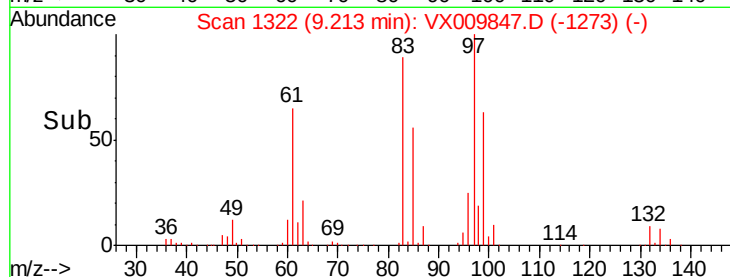
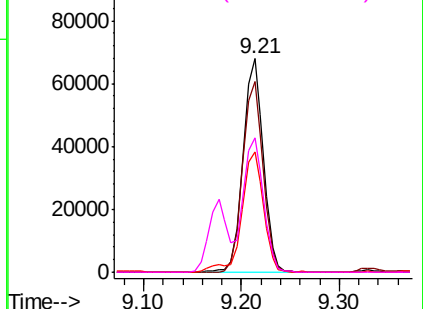
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

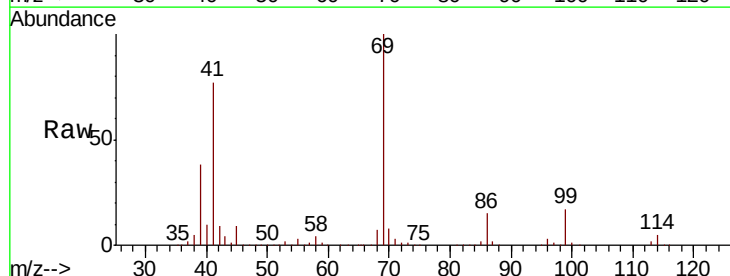
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 48.892 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion:	69	Resp:	186211
Ion	Ratio	Lower	Upper
69	100		
41	79.1	60.6	90.8
39	37.4	28.2	42.4

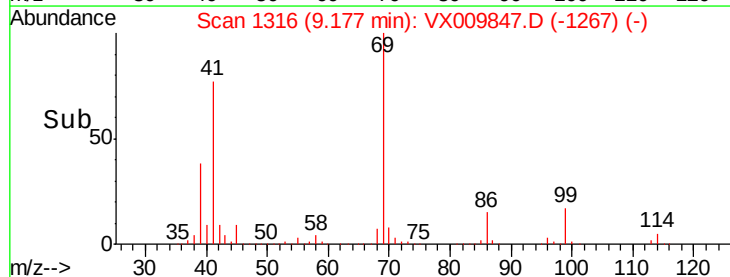
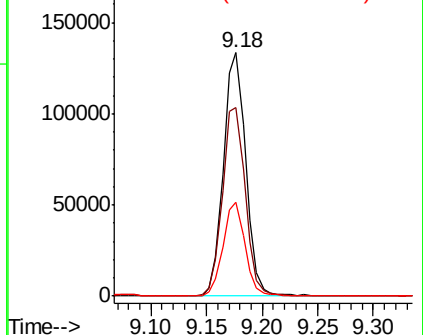


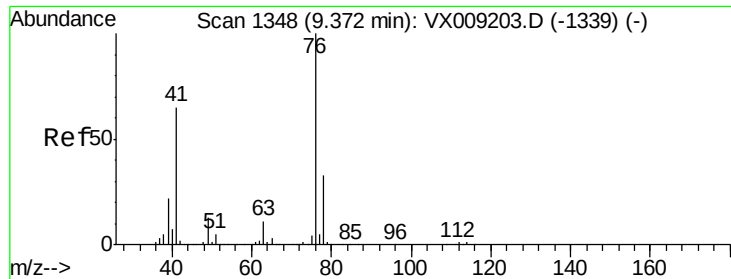
Abundance

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

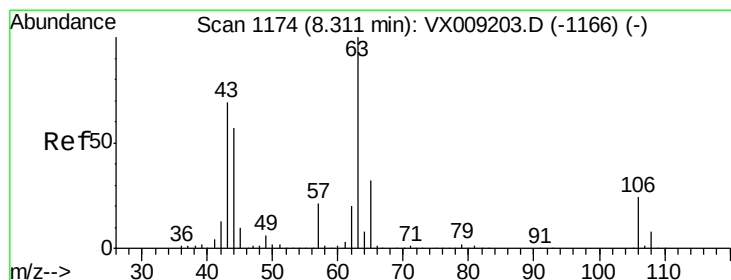
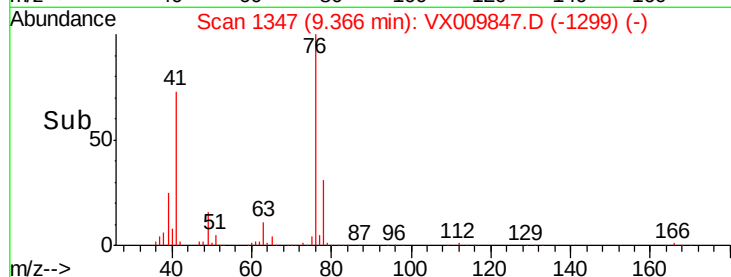
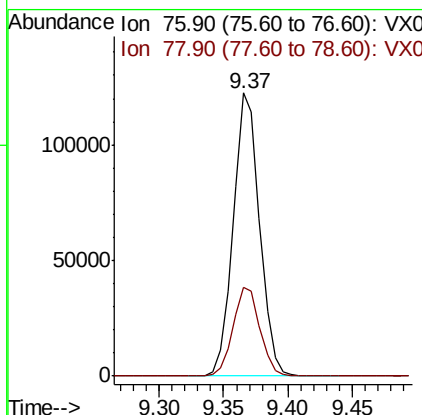
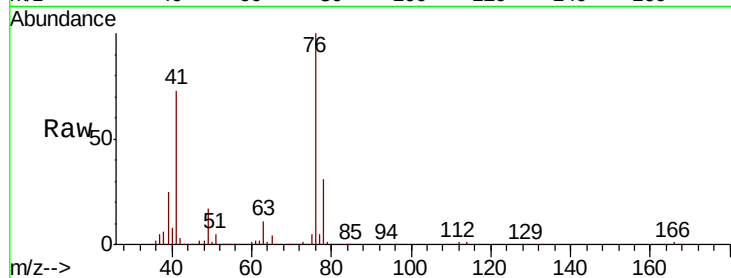




#57
 1,3-Dichloropropane
 Concen: 46.558 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

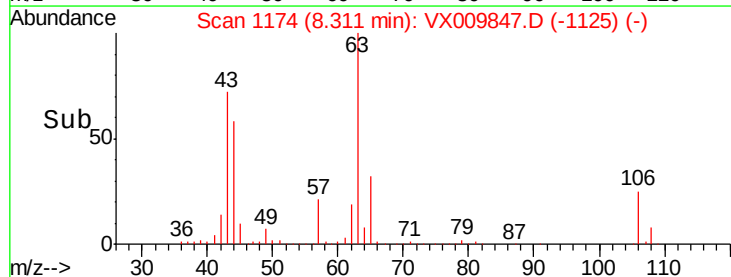
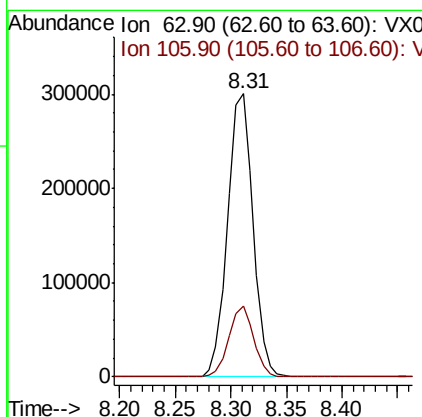
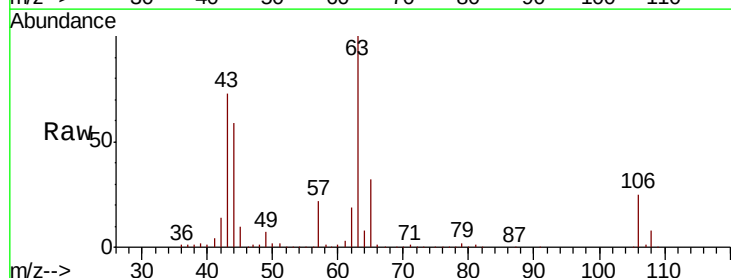
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

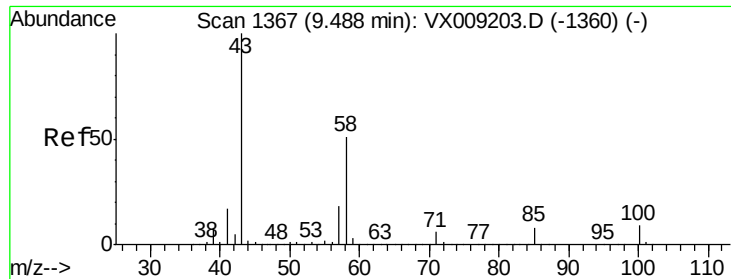
Tgt Ion: 76 Resp: 174807
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.800 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 63 Resp: 476421
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5

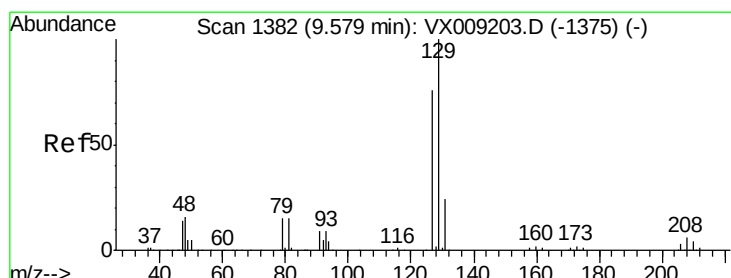
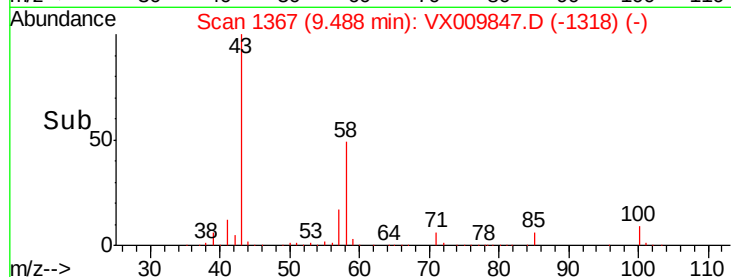
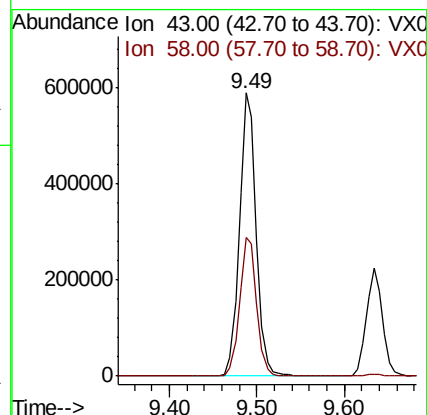
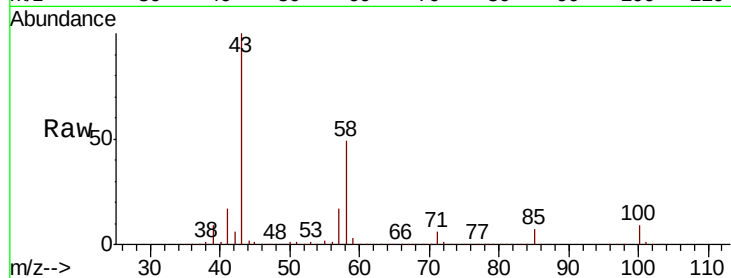




#59
2-Hexanone
Concen: 247.281 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

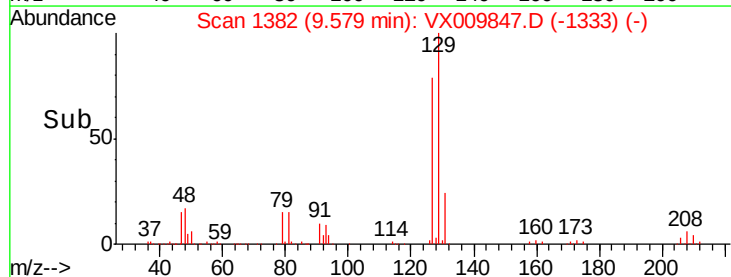
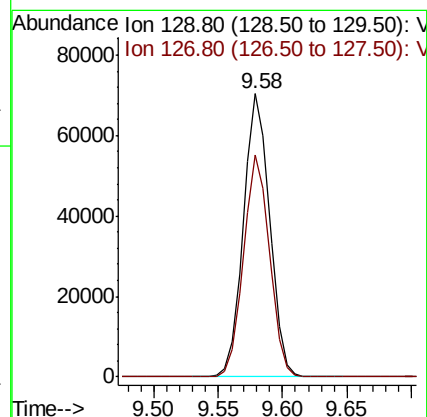
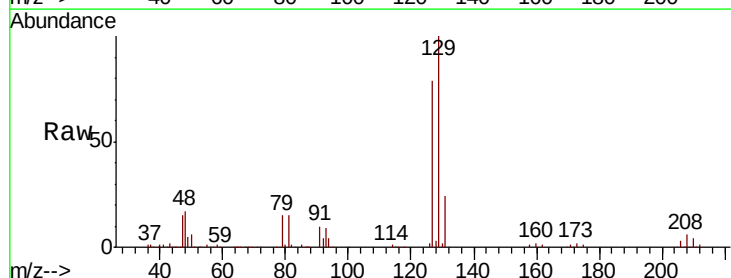
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

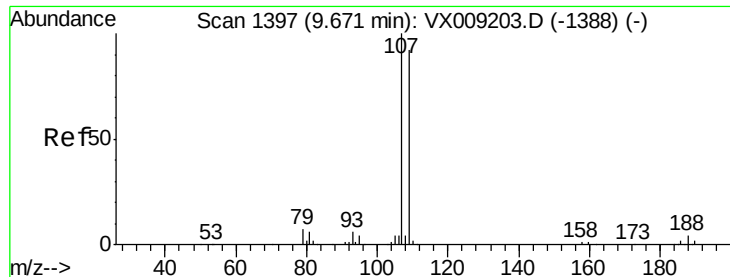
Tgt Ion: 43 Resp: 786458
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7



#60
Dibromochloromethane
Concen: 47.515 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 129 Resp: 99015
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.038 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

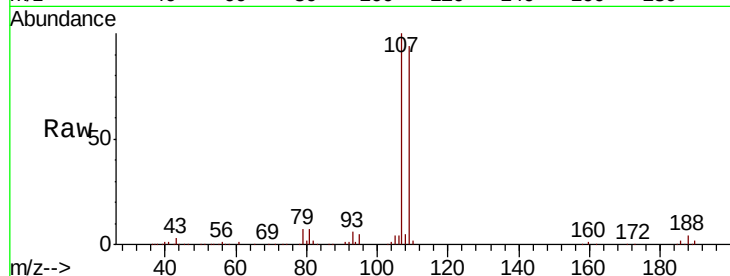
VSTDCCC050

Tgt Ion: 107 Resp: 101307

Ion Ratio Lower Upper

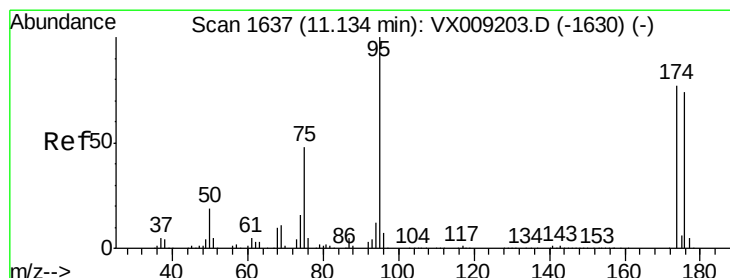
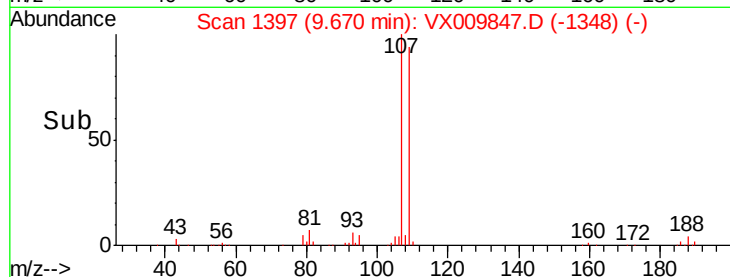
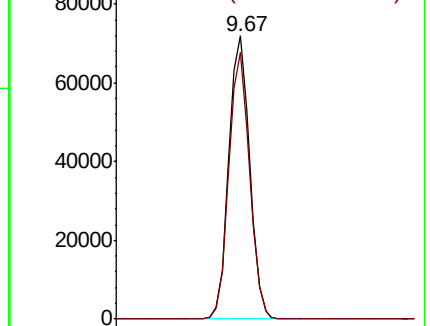
107 100

109 93.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

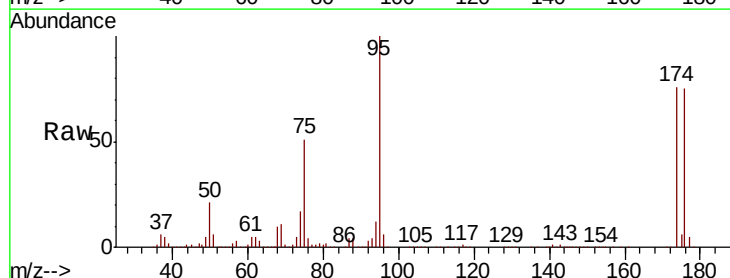
Tgt Ion: 95 Resp: 127260

Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.6

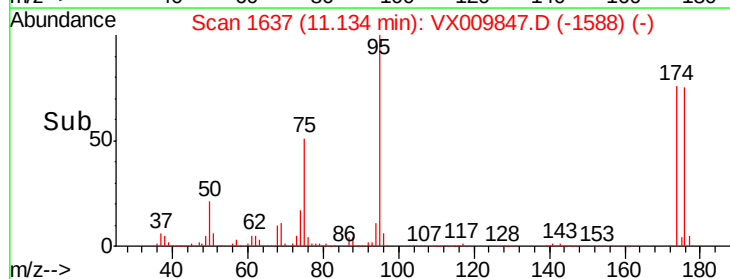
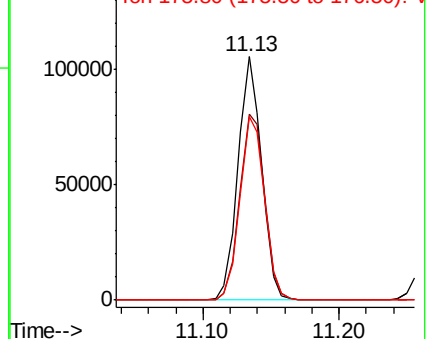
176 78.6 0.0 159.2

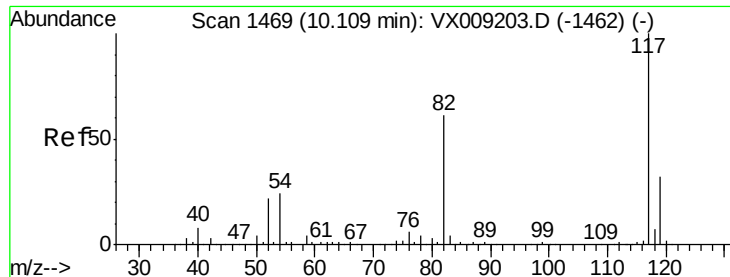


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

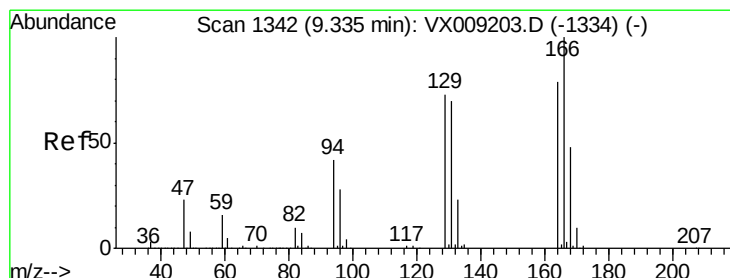
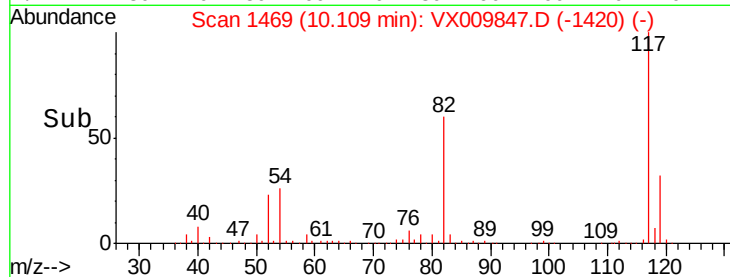
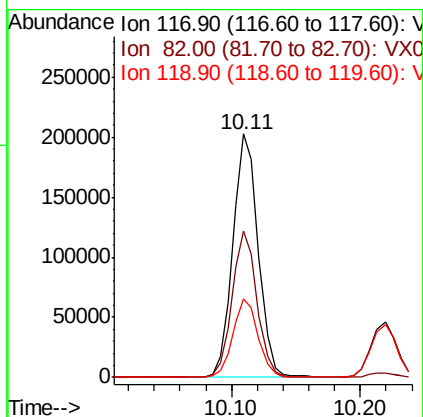
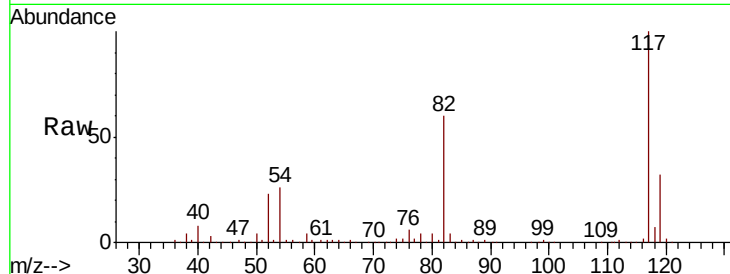




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

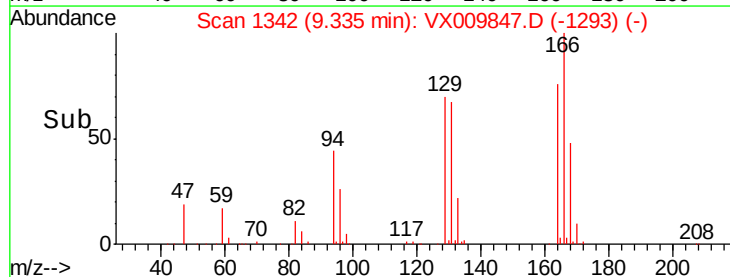
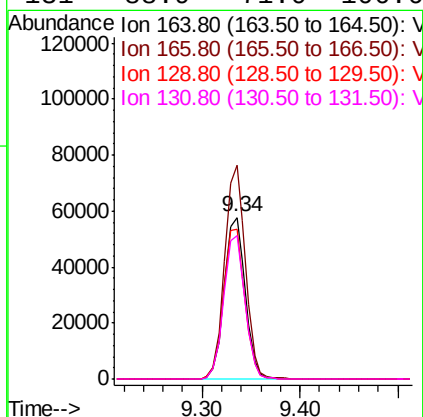
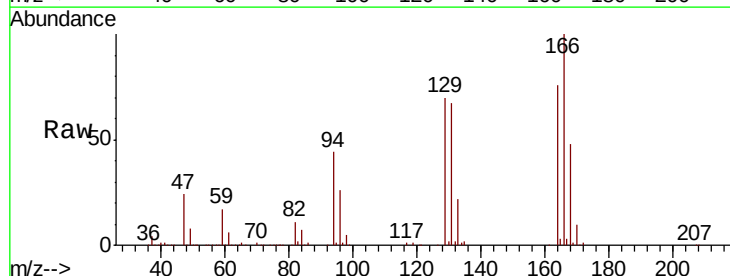
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

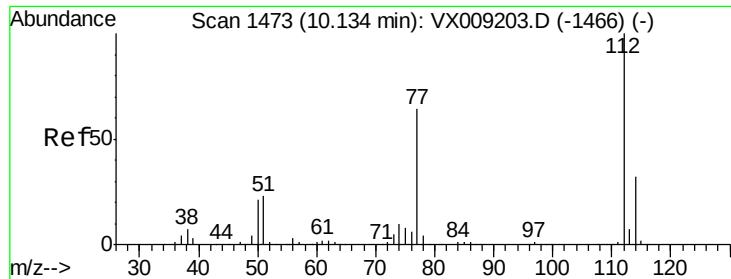
Tgt Ion:117 Resp: 277988
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 45.107 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion:164 Resp: 86014
Ion Ratio Lower Upper
164 100
166 132.2 101.2 151.8
129 93.0 74.3 111.5
131 88.9 71.0 106.6

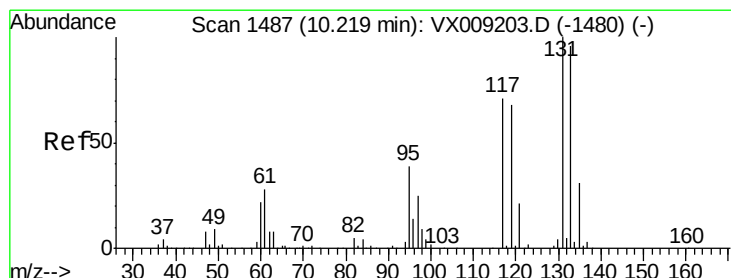
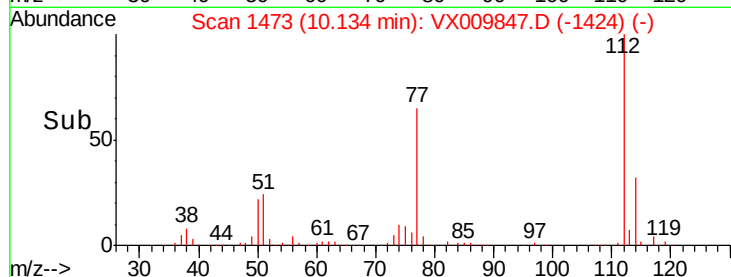
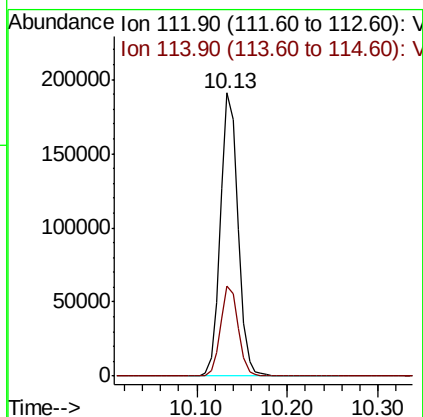
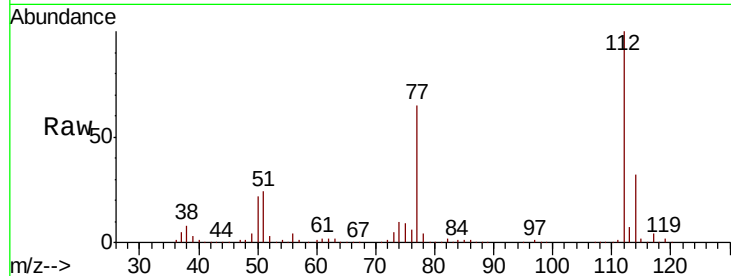




#65
Chlorobenzene
Concen: 46.544 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

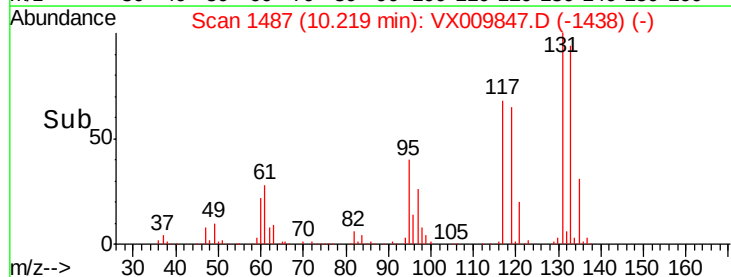
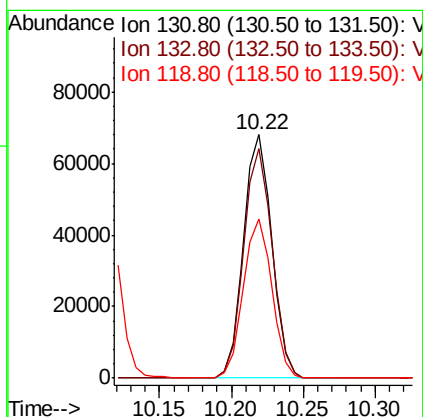
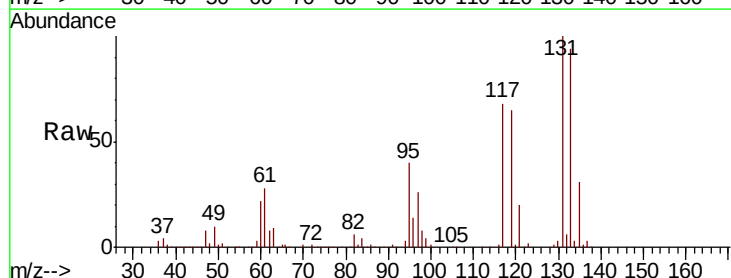
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

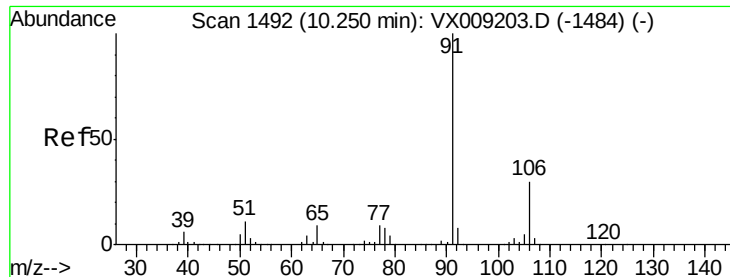
Tgt Ion:112 Resp: 258831
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 45.881 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion:131 Resp: 92501
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.1 33.5 100.4





#67

Ethyl Benzene

Concen: 46.875 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

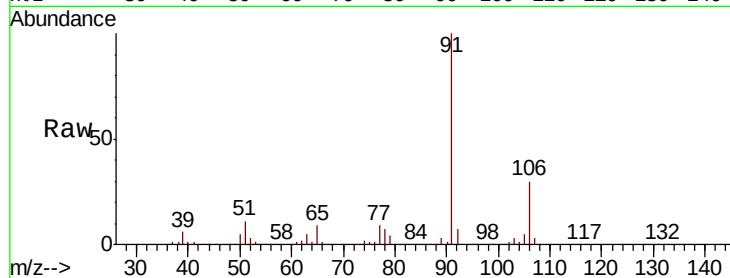
VSTDCCC050

Tgt Ion: 91 Resp: 479740

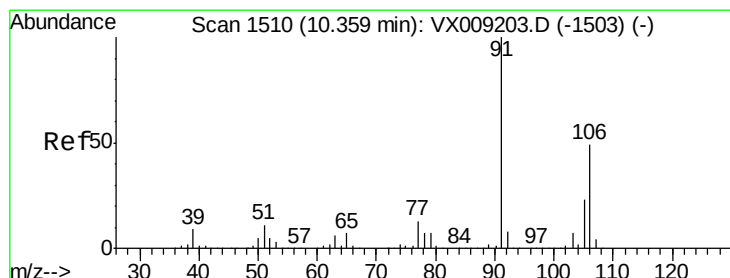
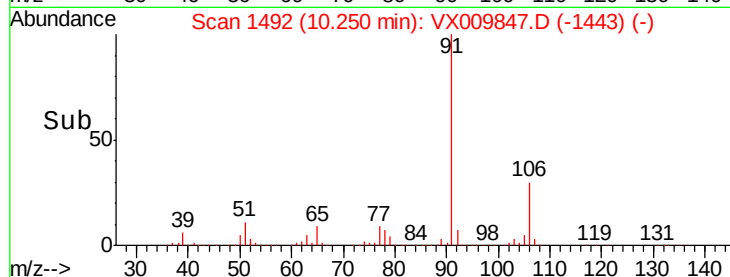
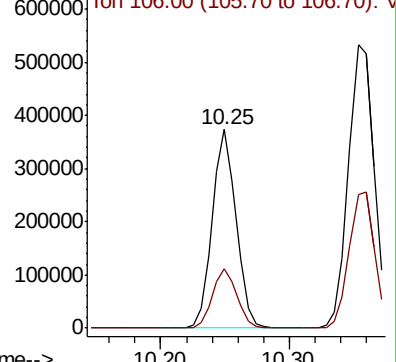
Ion Ratio Lower Upper

91 100

106 29.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 94.317 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009847.D

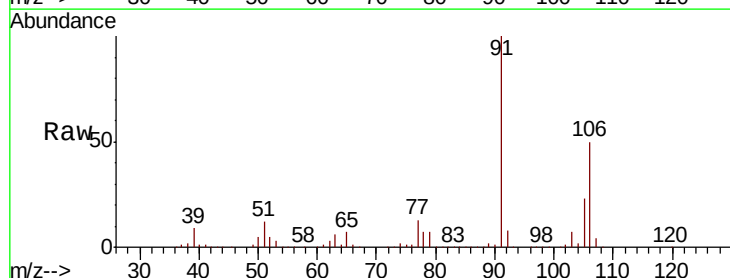
Acq: 23 May 2019 10:32

Tgt Ion: 106 Resp: 352743

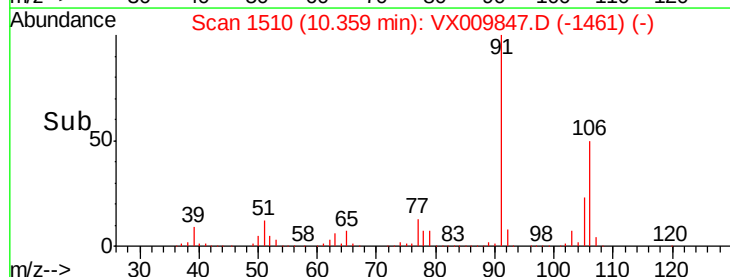
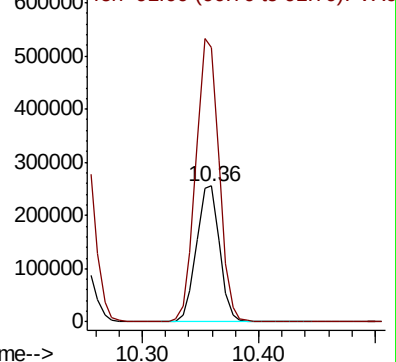
Ion Ratio Lower Upper

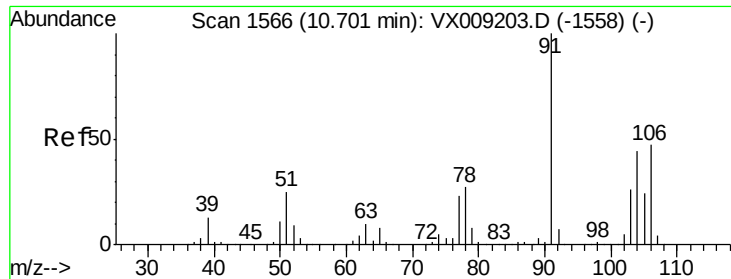
106 100

91 208.4 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

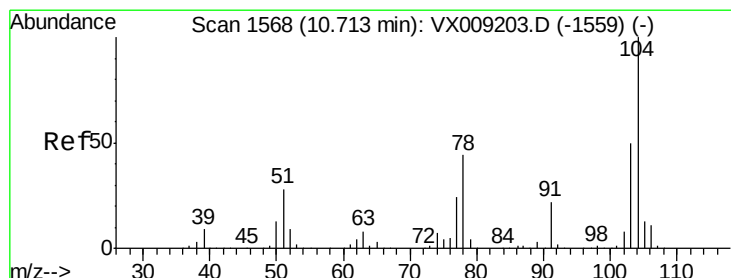
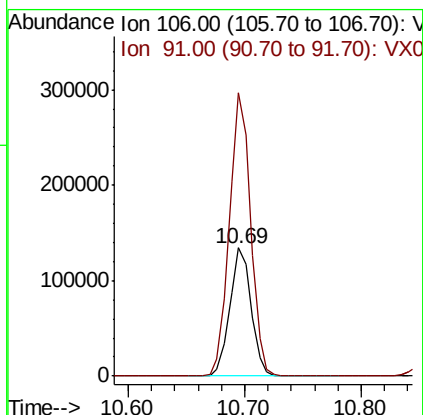
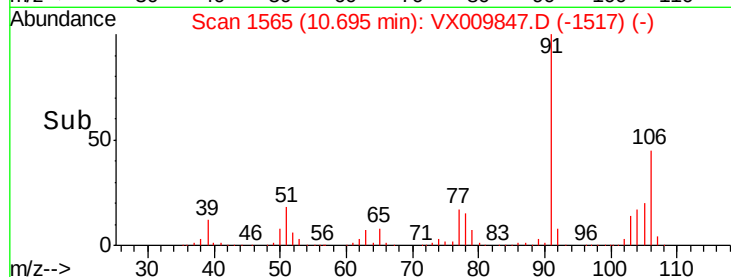
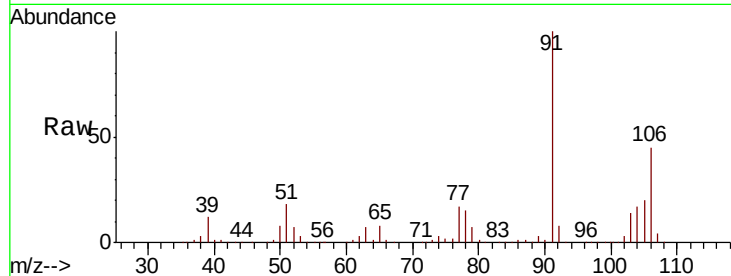




#69
o-Xylene
Concen: 46.512 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

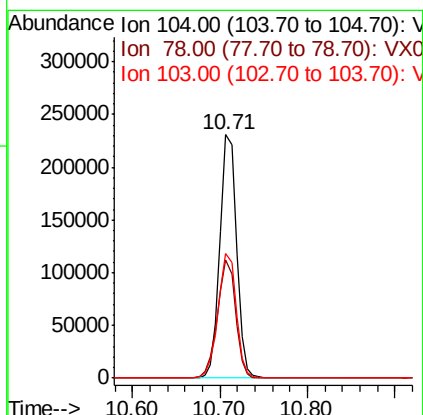
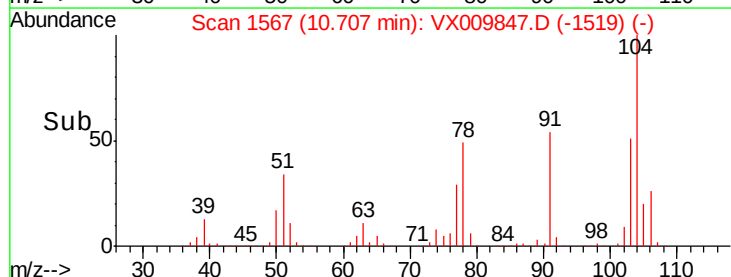
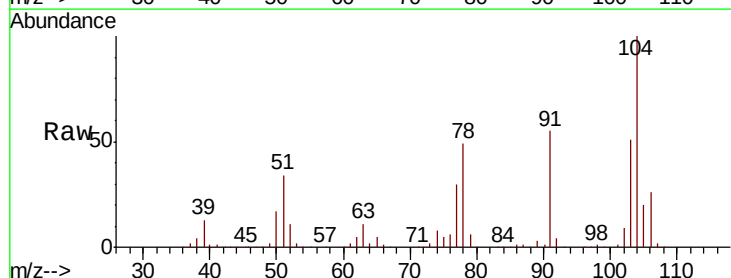
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

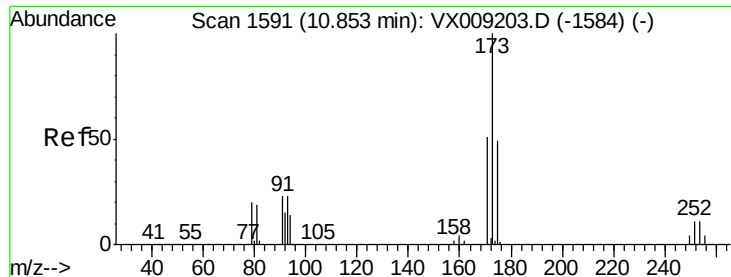
Tgt Ion:106 Resp: 171630
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4



#70
Styrene
Concen: 47.460 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion:104 Resp: 304386
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 55.4 43.8 65.6





#71

Bromoform

Concen: 46.237 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

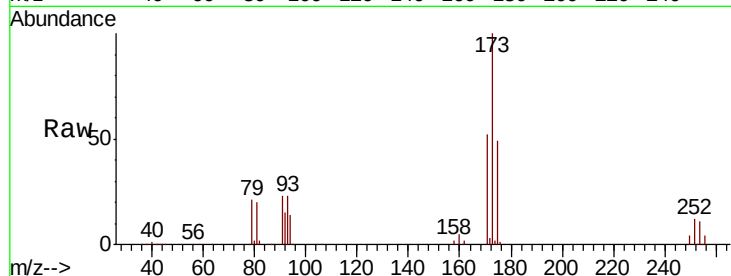
Tgt Ion:173 Resp: 75754

Ion Ratio Lower Upper

173 100

175 49.5 24.5 73.5

254 0.2 0.1 0.1#

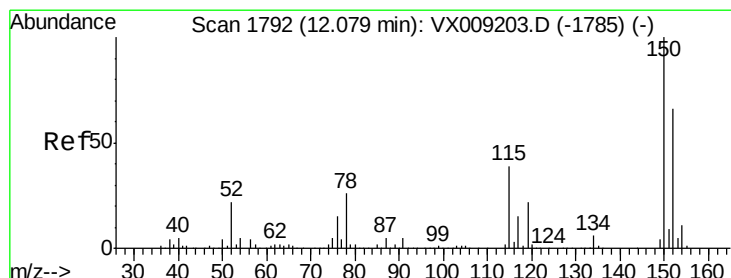
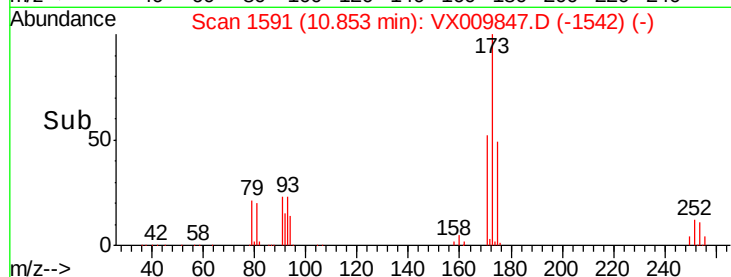
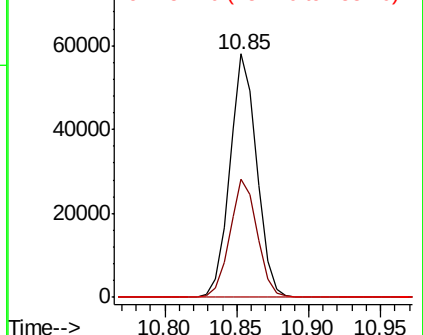


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

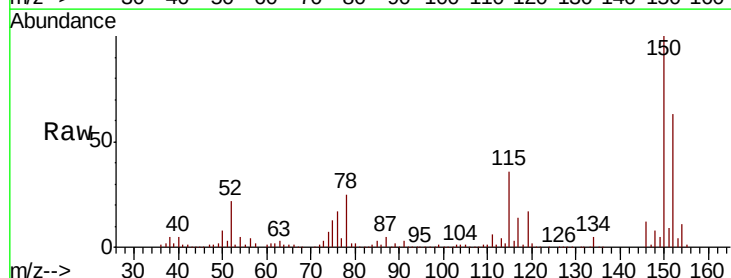
Tgt Ion:152 Resp: 140723

Ion Ratio Lower Upper

152 100

115 80.5 41.2 123.6

150 171.3 0.0 346.4

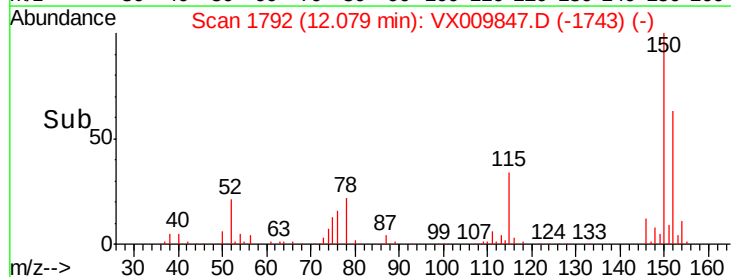
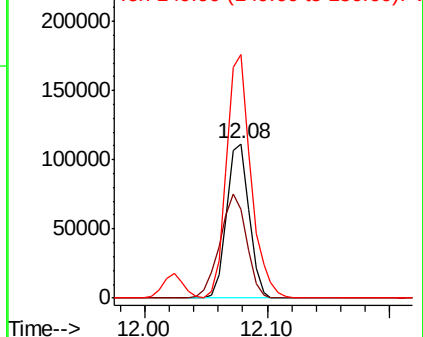


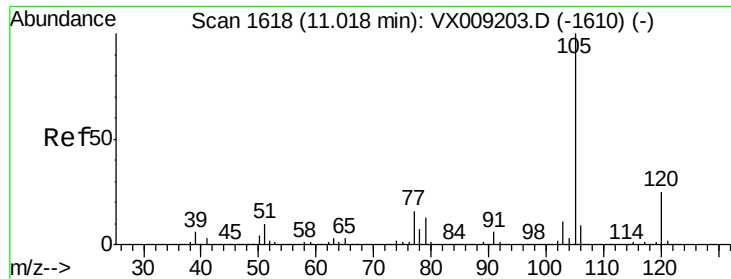
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

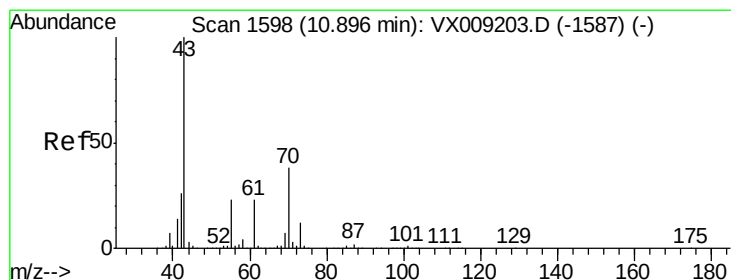
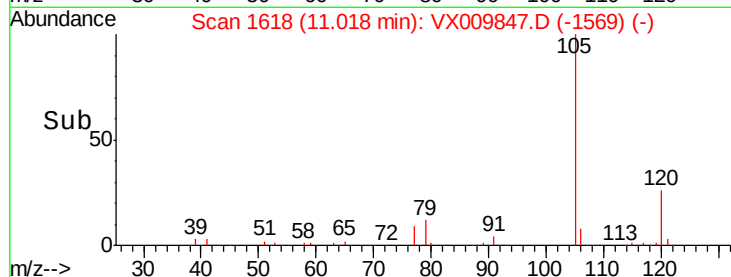
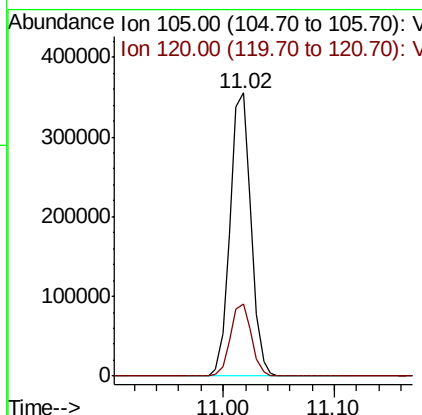
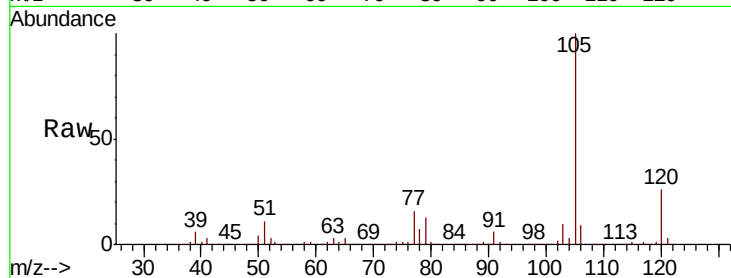




#73
Isopropylbenzene
Concen: 44.924 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

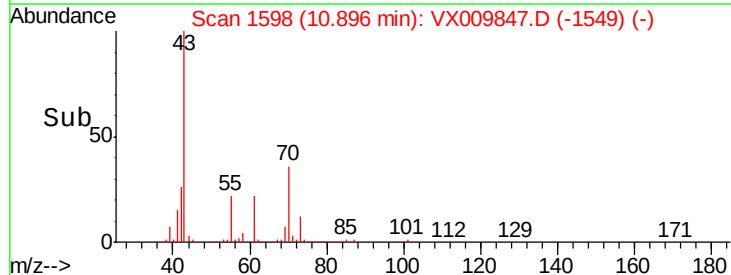
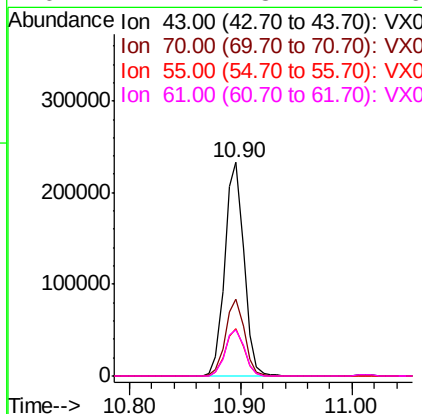
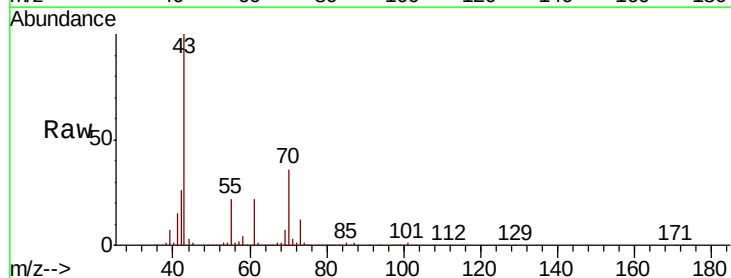
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

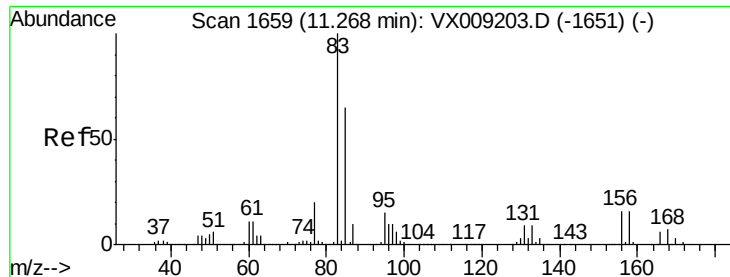
Tgt Ion: 105 Resp: 459715
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 46.392 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 43 Resp: 276777
Ion Ratio Lower Upper
43 100
70 35.7 30.0 45.0
55 22.0 17.9 26.9
61 22.1 18.4 27.6

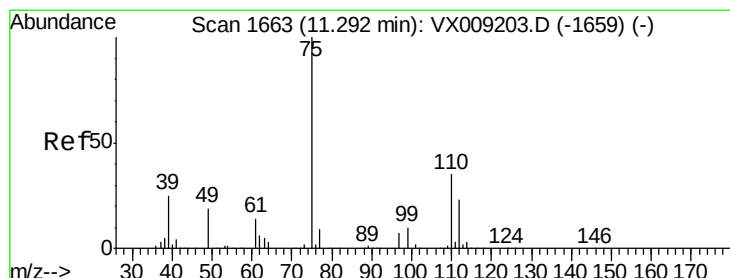
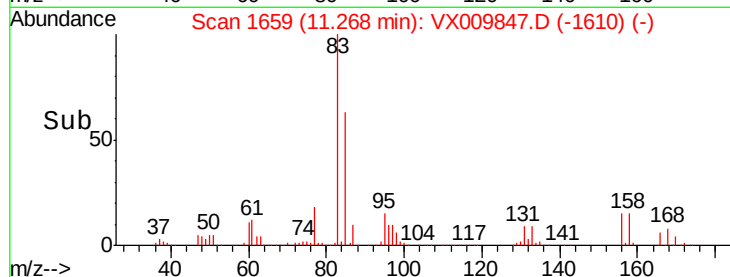
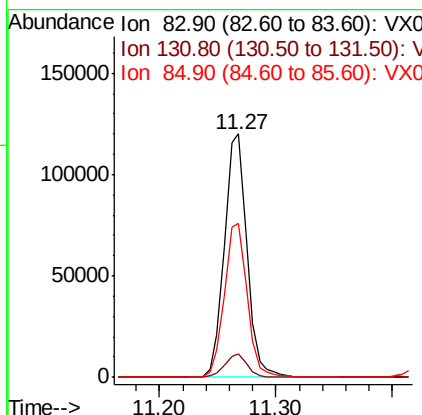
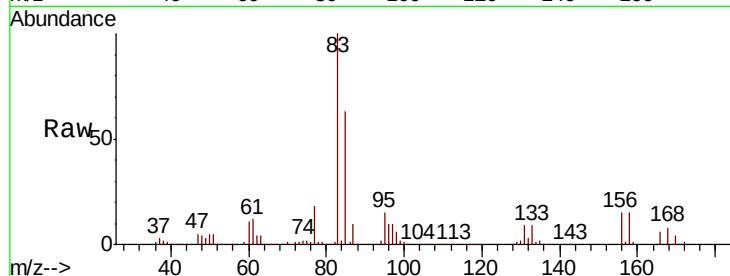




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.270 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

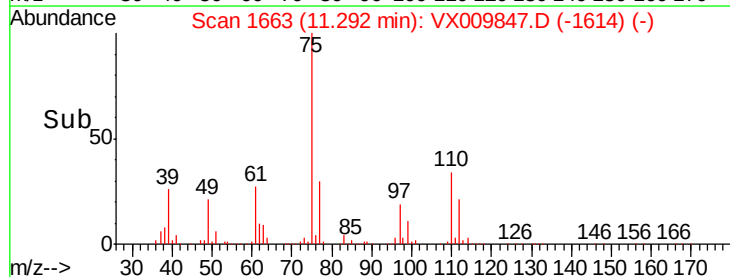
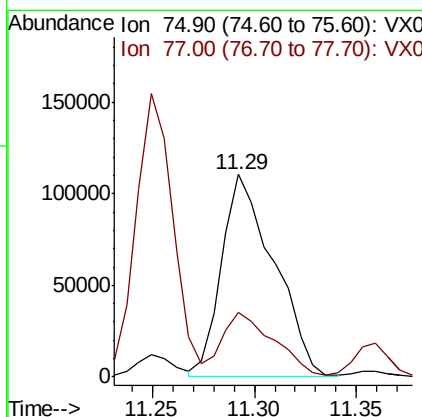
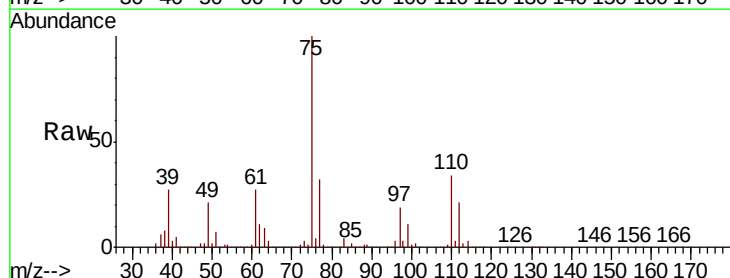
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

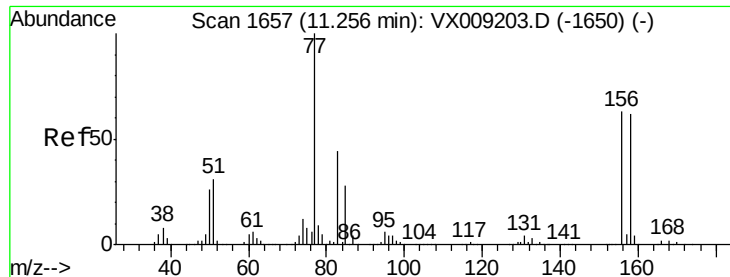
Tgt Ion: 83 Resp: 161250
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.6 13.8
 85 63.8 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 60.229 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 75 Resp: 196602
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.1 66.1





#77

Bromobenzene

Concen: 44.867 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

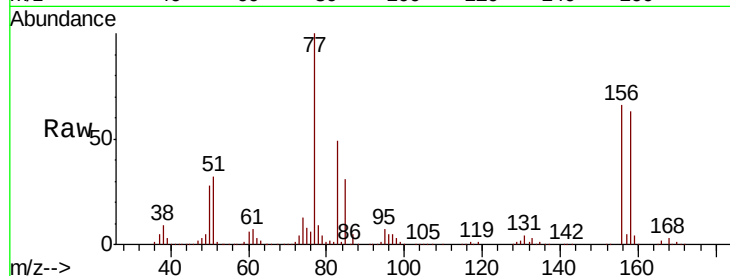
Tgt Ion:156 Resp: 113959

Ion Ratio Lower Upper

156 100

77 171.3 84.8 254.3

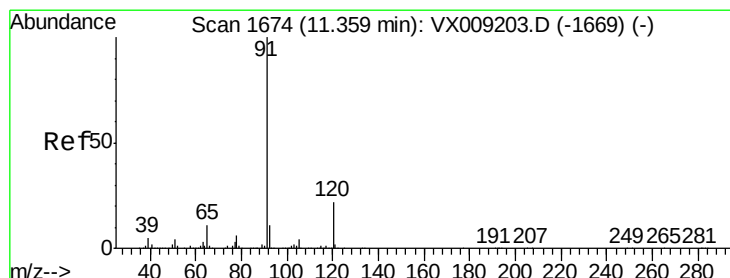
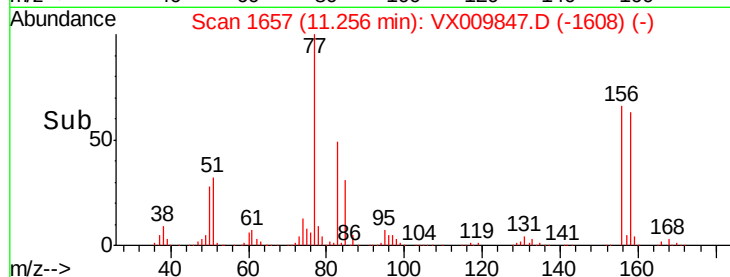
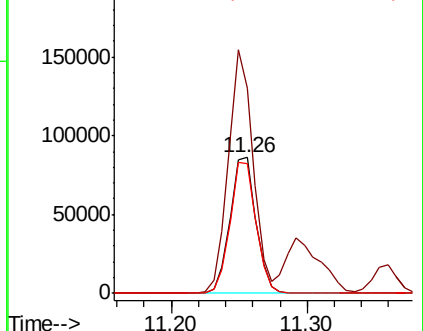
158 97.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.470 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009847.D

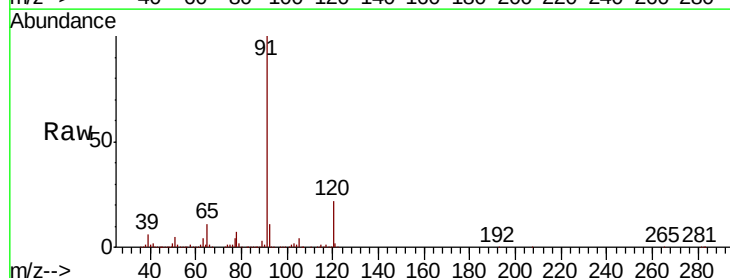
Acq: 23 May 2019 10:32

Tgt Ion: 91 Resp: 543083

Ion Ratio Lower Upper

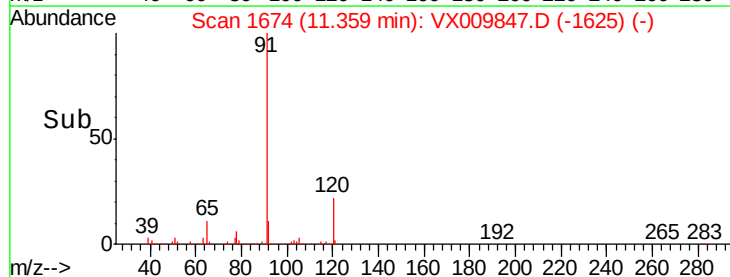
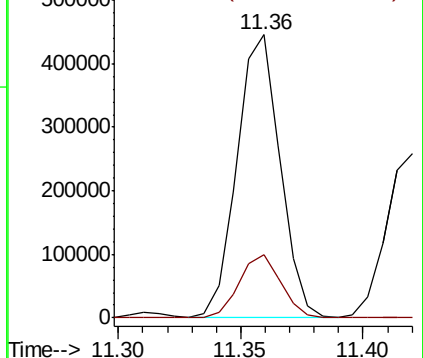
91 100

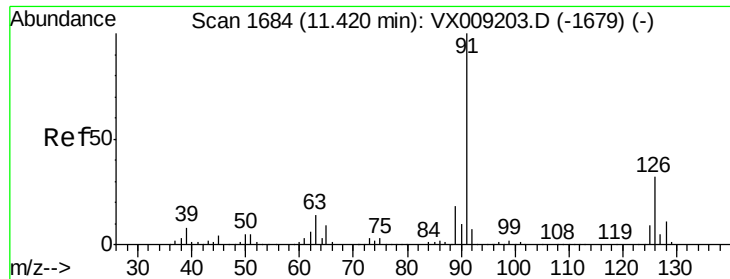
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

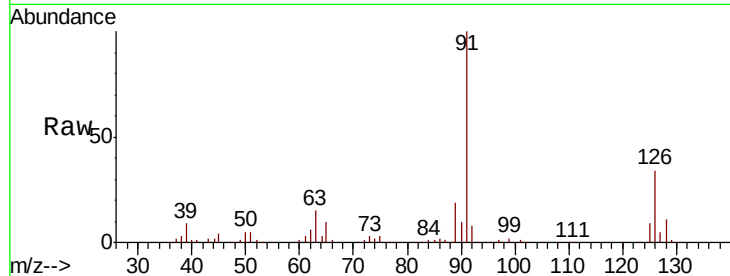




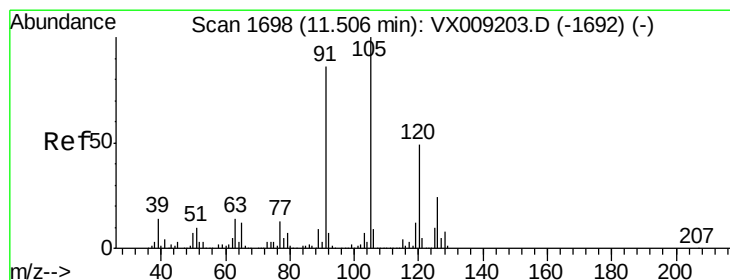
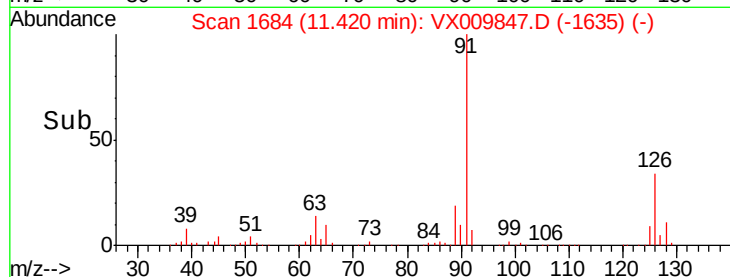
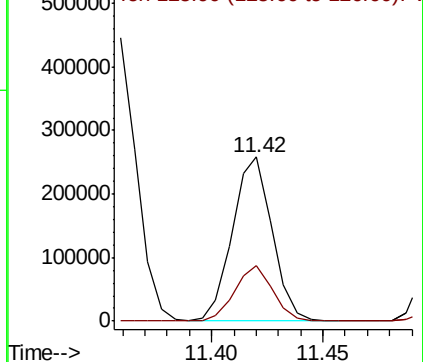
#79
 2-Chlorotoluene
 Concen: 44.382 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 320006
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

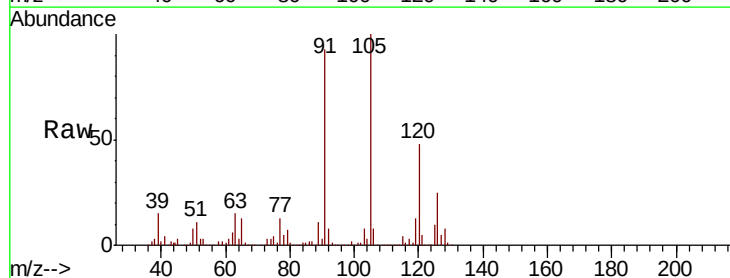


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

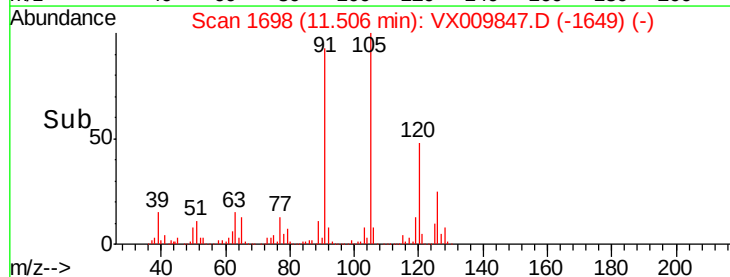
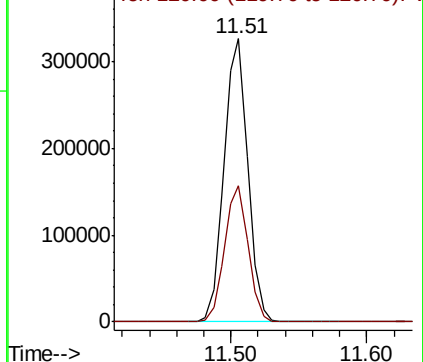


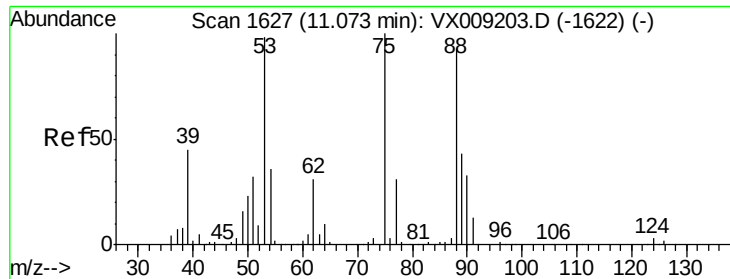
#80
 1,3,5-Trimethylbenzene
 Concen: 45.773 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 105 Resp: 394400
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.398 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

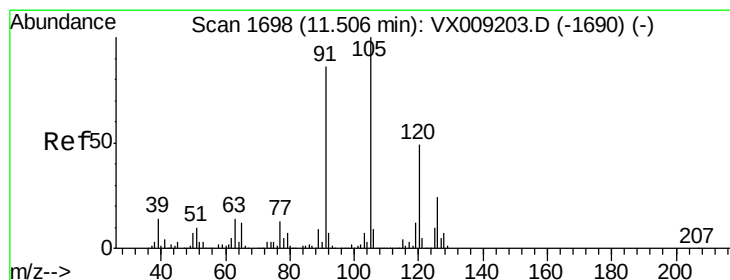
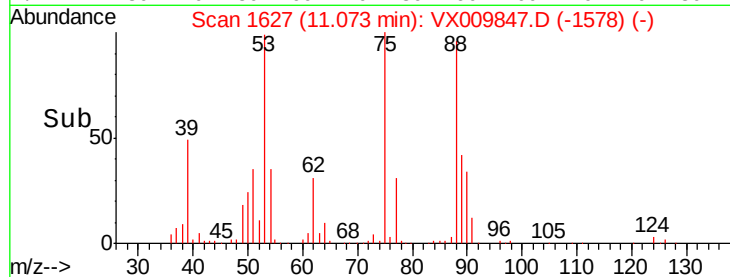
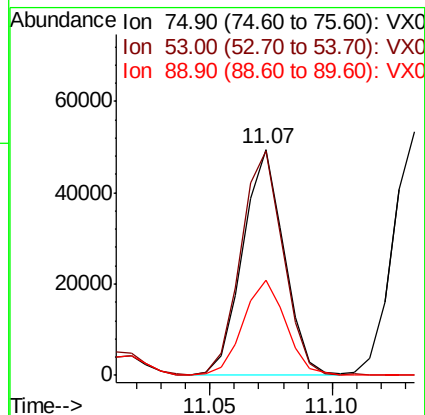
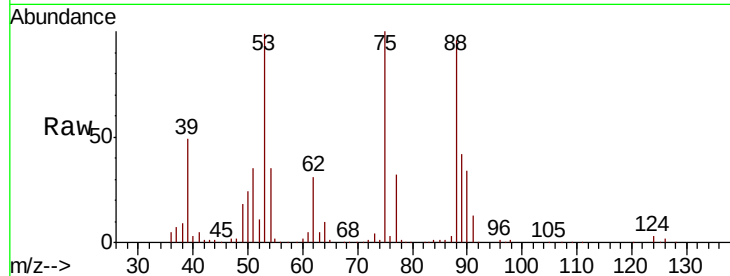
Tgt Ion: 75 Resp: 57918

Ion Ratio Lower Upper

75 100

53 102.3 79.0 118.6

89 44.0 34.7 52.1



#82

4-Chlorotoluene

Concen: 46.475 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009847.D

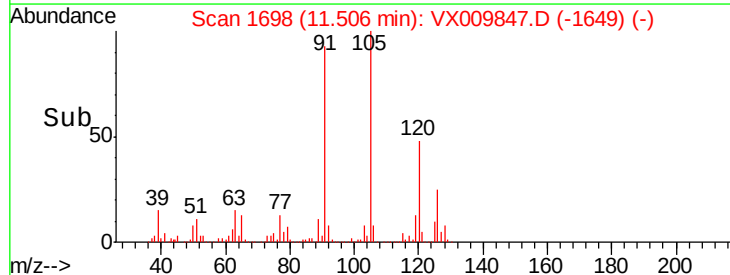
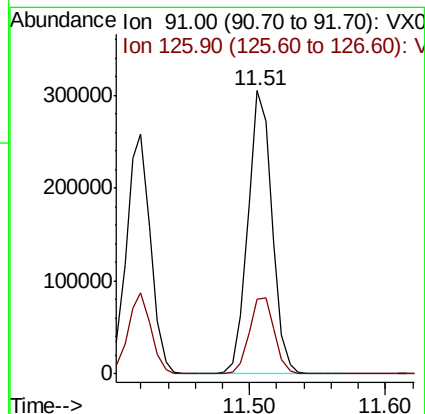
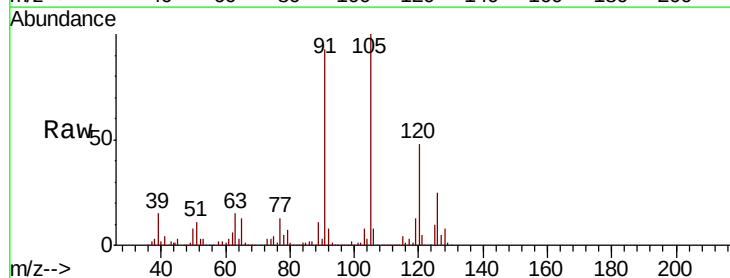
Acq: 23 May 2019 10:32

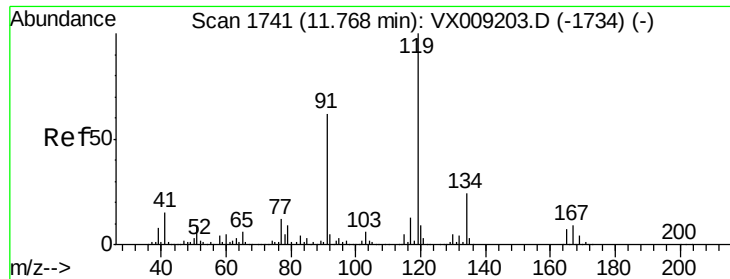
Tgt Ion: 91 Resp: 378560

Ion Ratio Lower Upper

91 100

126 28.2 14.5 43.6

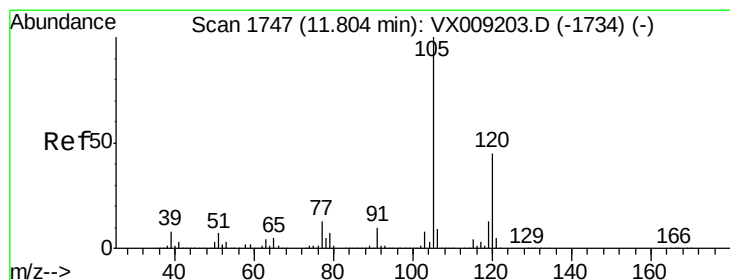
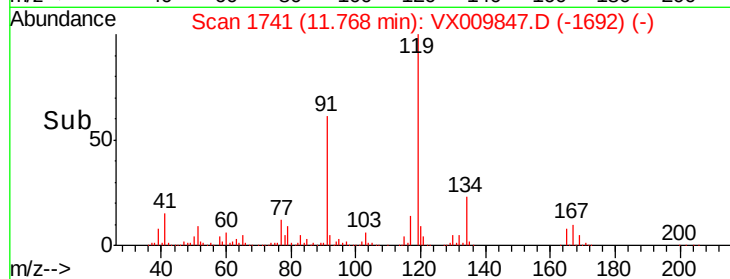
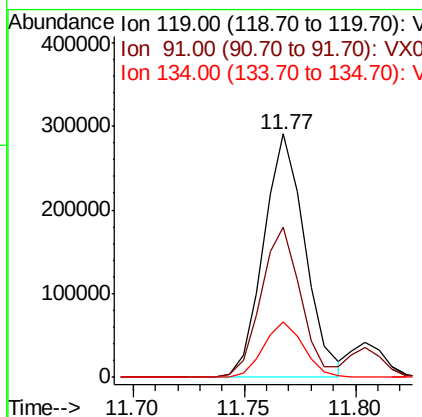
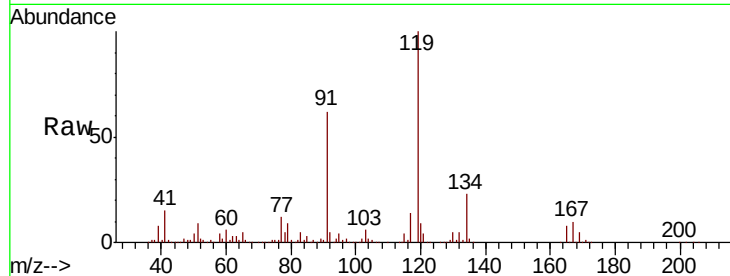




#83
 tert-Butylbenzene
 Concen: 44.799 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

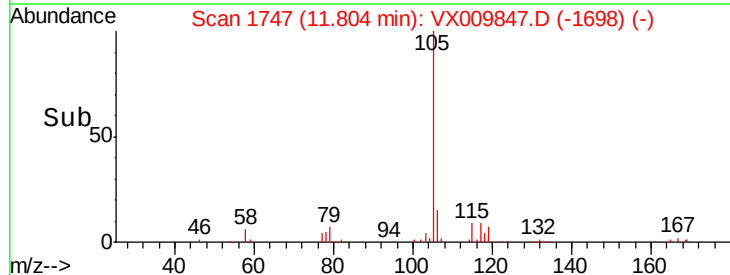
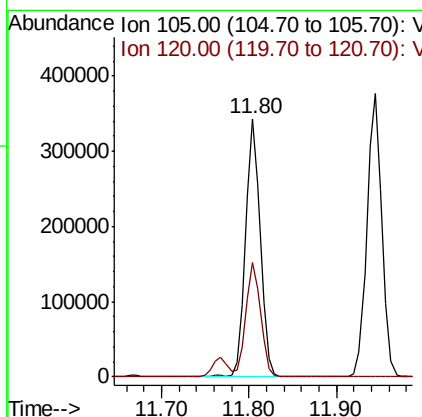
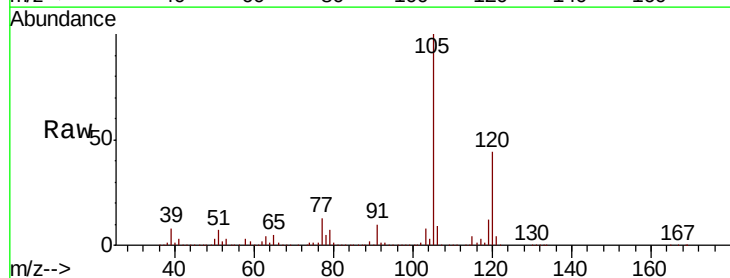
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

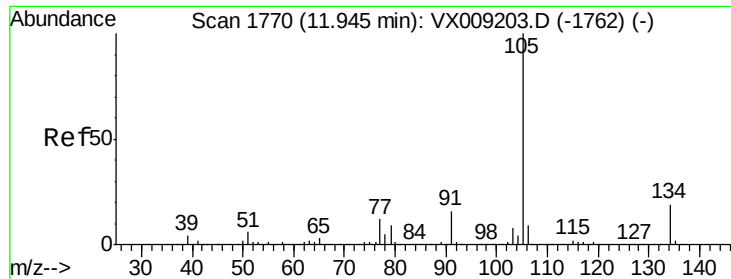
Tgt Ion:119 Resp: 375504
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.5 88.5
 134 22.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.364 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion:105 Resp: 400991
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0

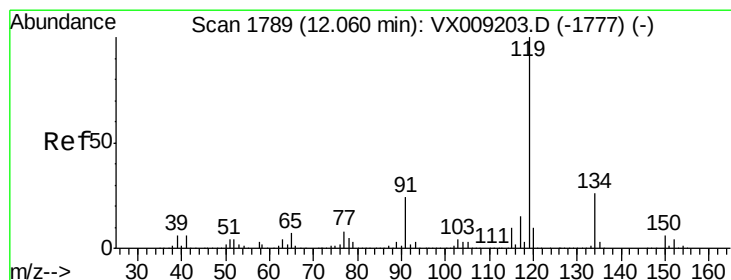
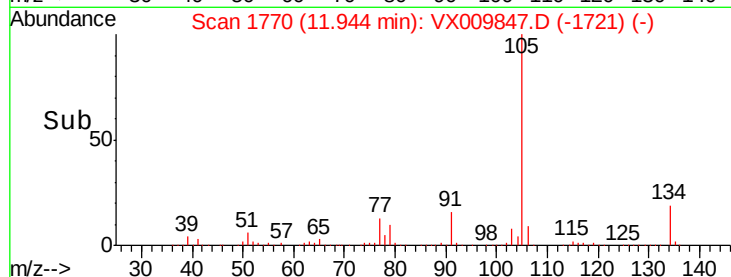
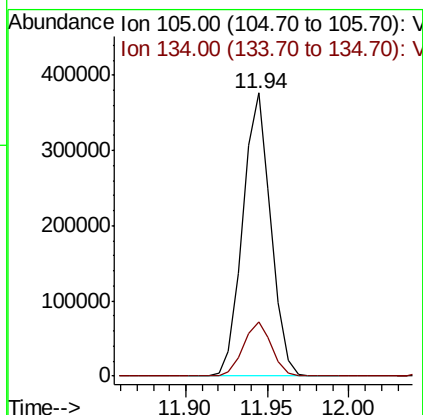
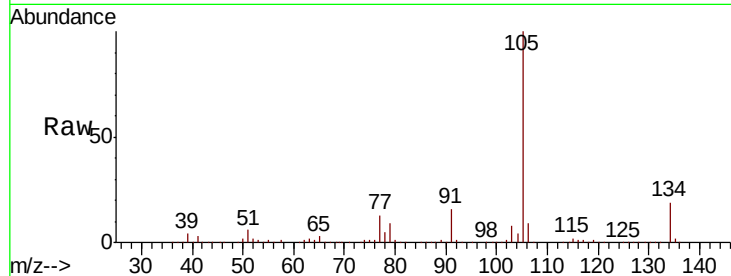




#85
 sec-Butylbenzene
 Concen: 45.315 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

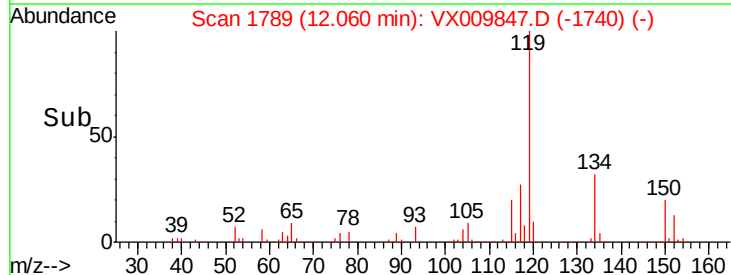
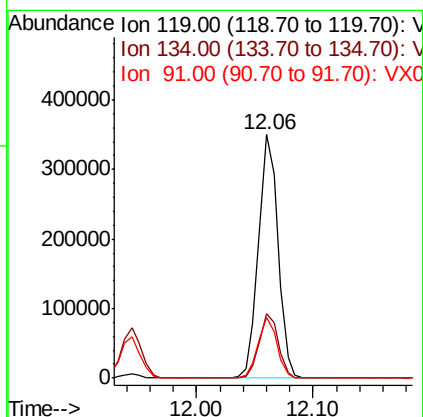
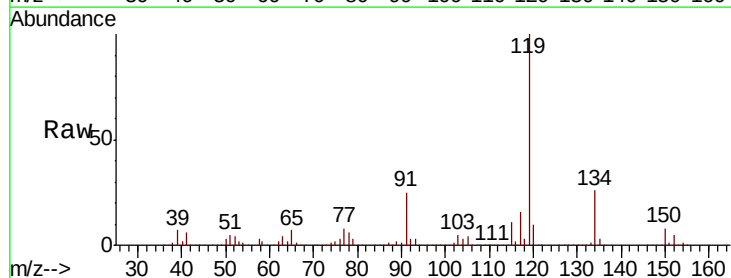
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

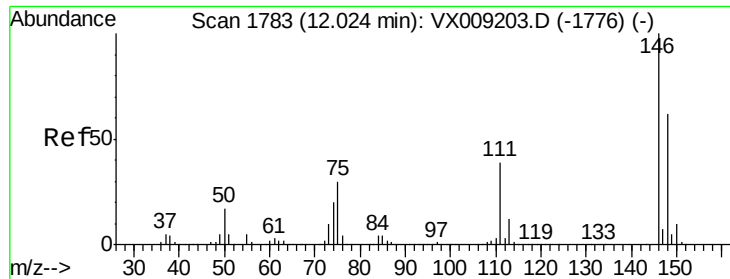
Tgt Ion:105 Resp: 450318
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.249 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion:119 Resp: 413179
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 45.709 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

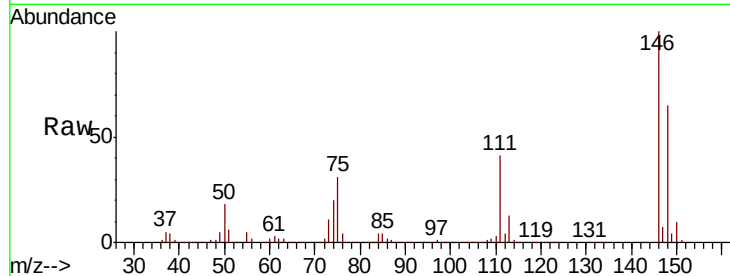
Tgt Ion:146 Resp: 206965

Ion Ratio Lower Upper

146 100

111 40.8 20.0 59.9

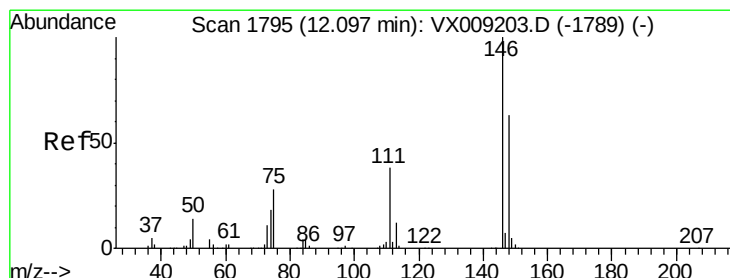
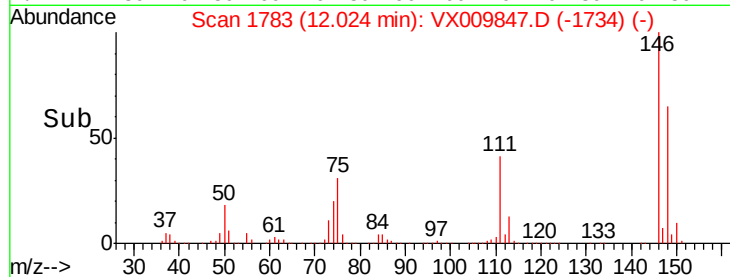
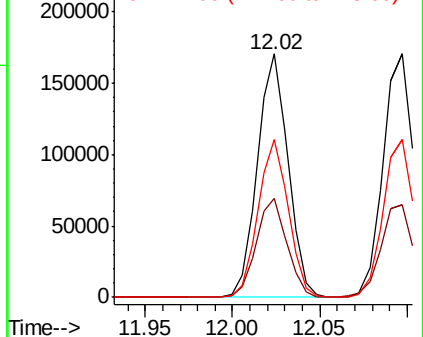
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.687 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

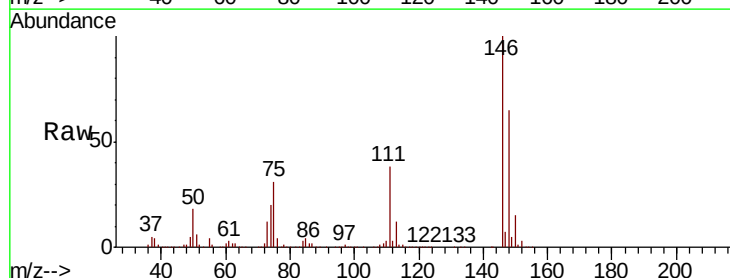
Tgt Ion:146 Resp: 208558

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

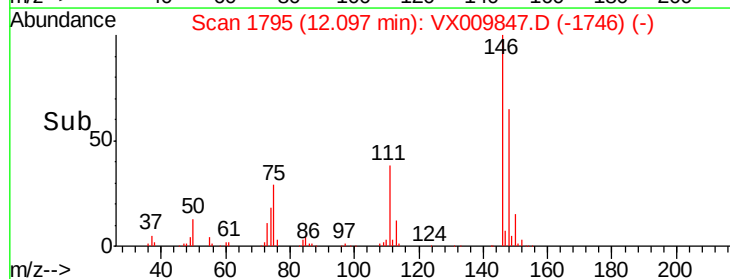
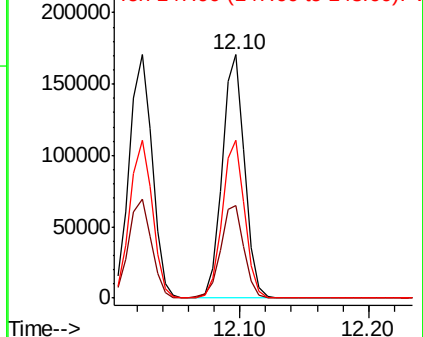
148 64.8 31.8 95.3

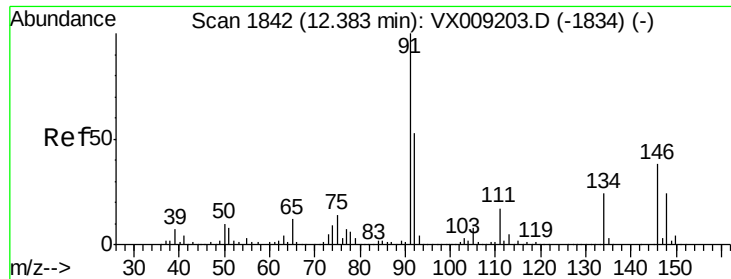


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

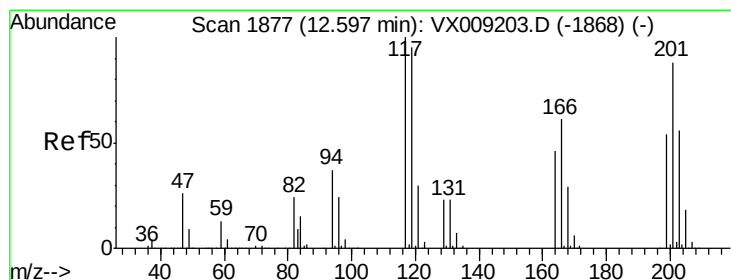
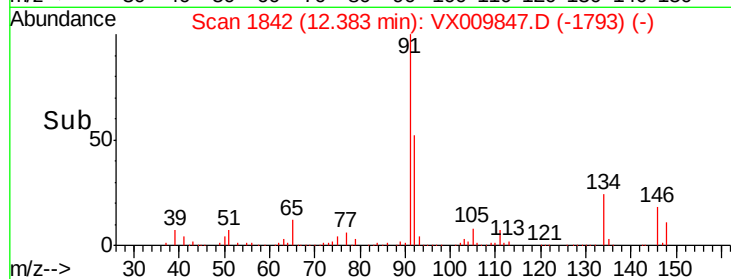
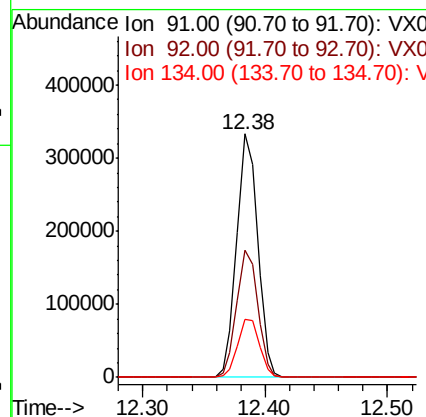
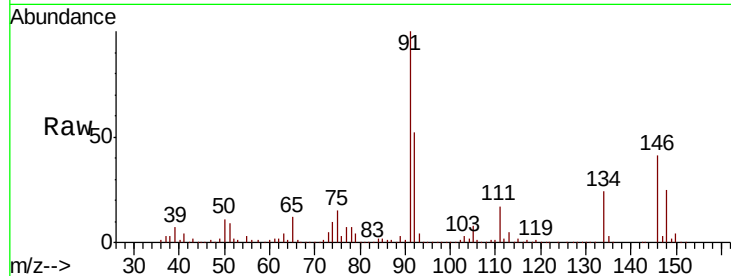




#89
n-Butylbenzene
Concen: 48.932 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

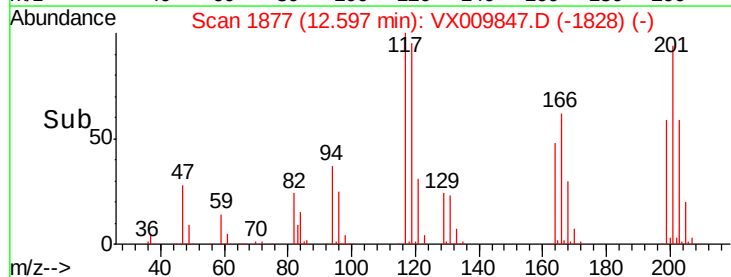
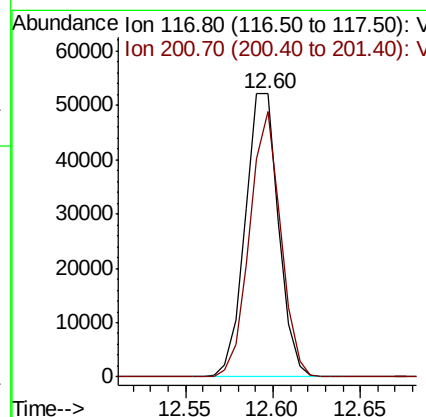
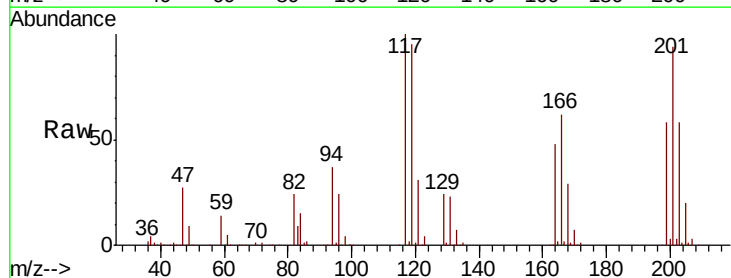
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

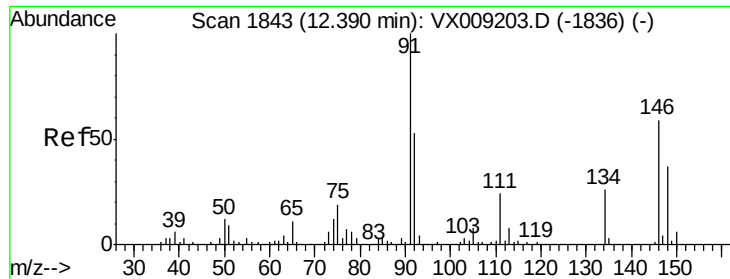
Tgt Ion: 91 Resp: 395107
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 45.433 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009847.D
Acq: 23 May 2019 10:32

Tgt Ion: 117 Resp: 69150
Ion Ratio Lower Upper
117 100
201 87.3 42.3 126.9

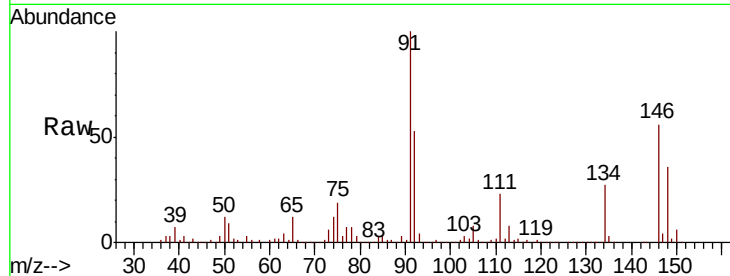




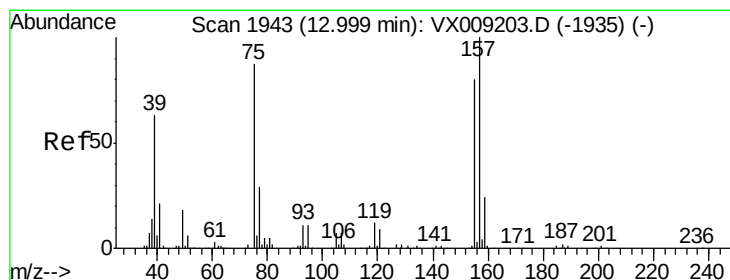
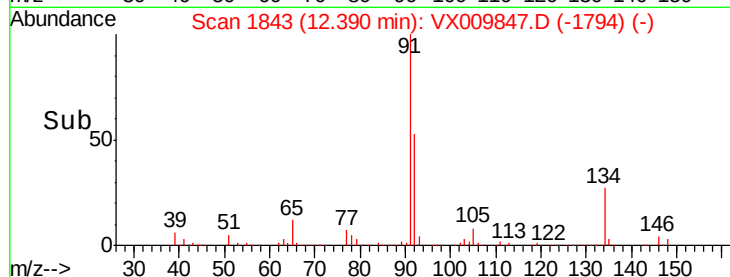
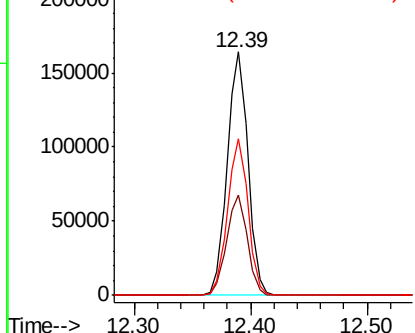
#91
 1,2-Dichlorobenzene
 Concen: 43.886 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 202394
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 63.5 31.9 95.9

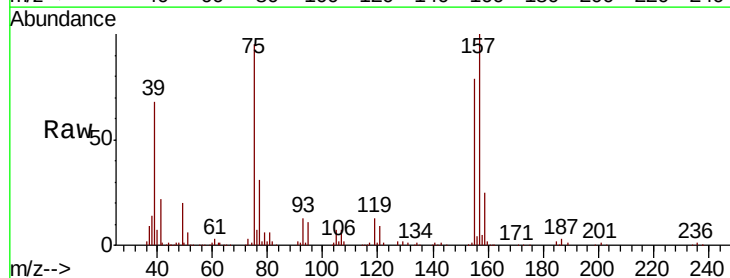


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

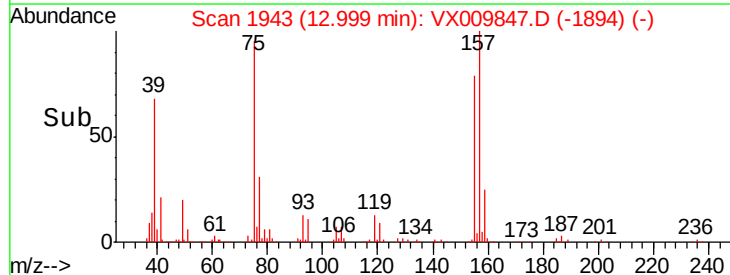
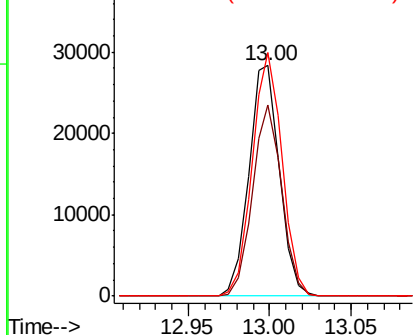


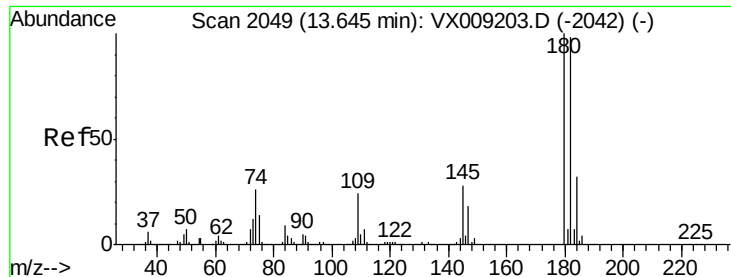
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.216 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion: 75 Resp: 36983
 Ion Ratio Lower Upper
 75 100
 155 79.2 42.0 126.0
 157 103.0 53.2 159.6



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

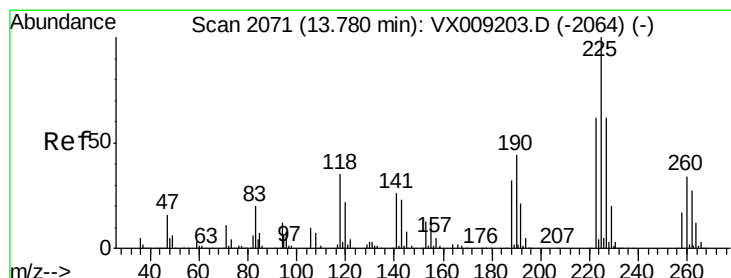
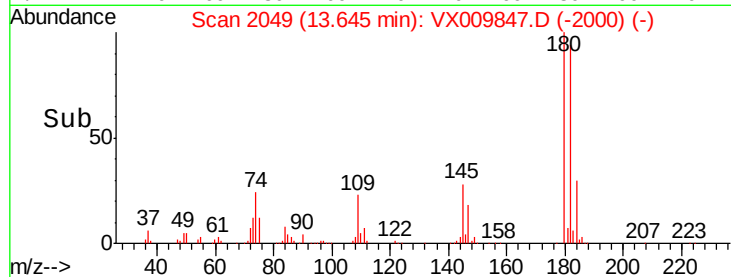
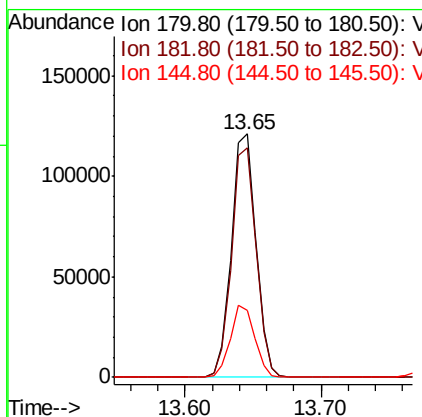
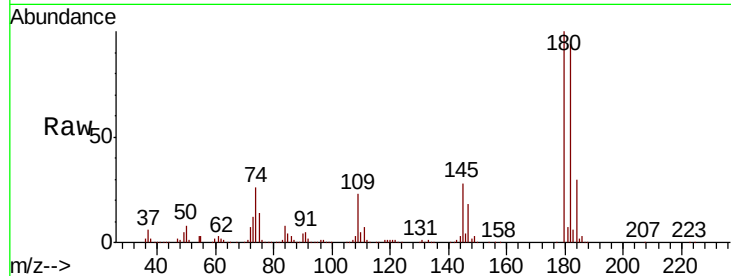




#93
 1,2,4-Trichlorobenzene
 Concen: 48.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

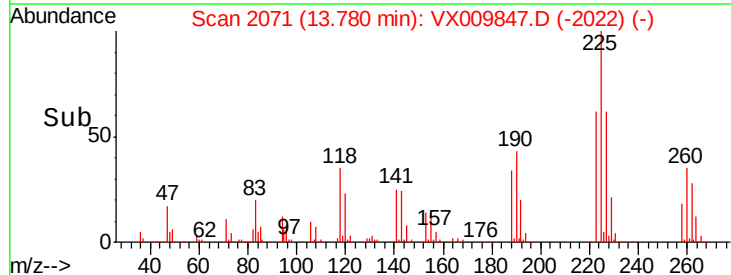
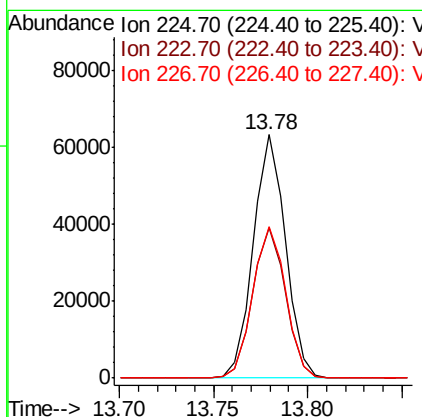
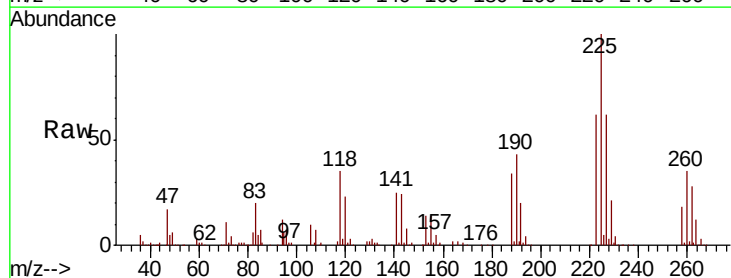
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

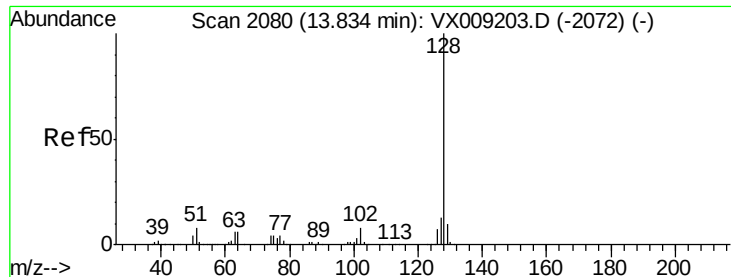
Tgt Ion:180 Resp: 152269
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.2
 145 29.3 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 46.511 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009847.D
 Acq: 23 May 2019 10:32

Tgt Ion:225 Resp: 74905
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 63.6 31.8 95.3





#95

Naphthalene

Concen: 44.884 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

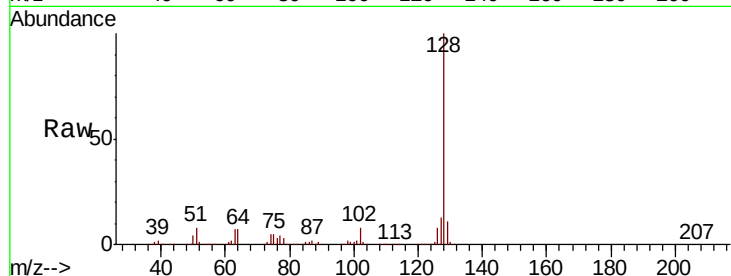
Tgt Ion:128 Resp: 460534

Ion Ratio Lower Upper

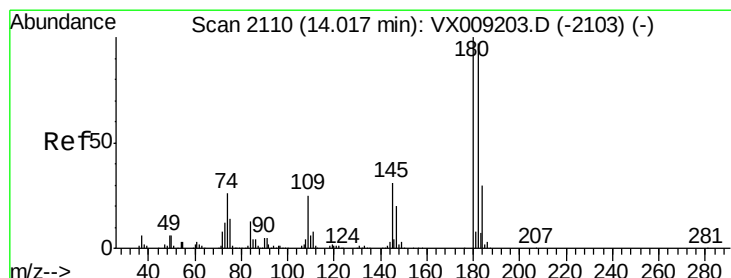
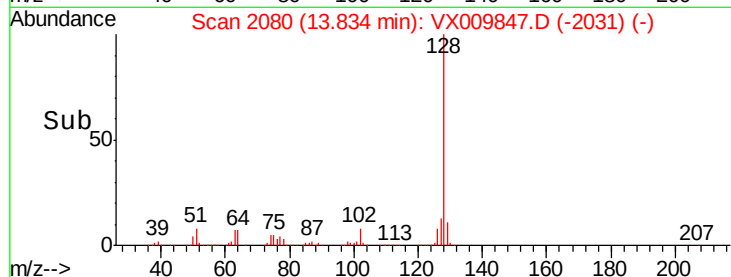
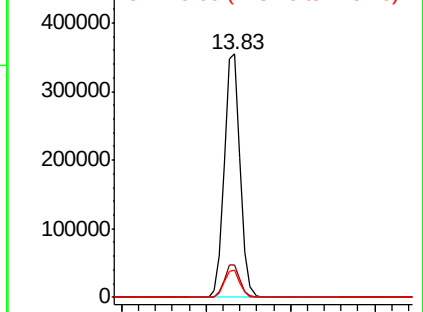
128 100

127 13.2 10.4 15.6

129 11.0 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 46.737 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009847.D

Acq: 23 May 2019 10:32

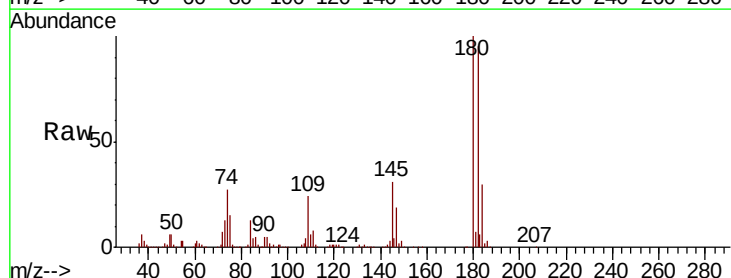
Tgt Ion:180 Resp: 149410

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.4

145 30.7 15.4 46.4



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

