

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051419\
 Data File : VX009553.D
 Acq On : 14 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 15 01:51:42 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	5.65	168	180656	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	277043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132705	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	111372	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
35) Dibromofluoromethane	5.49	113	83452	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	336195	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	127020	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	69463	41.725	ug/l	99
3) Chloromethane	1.32	50	98801	43.470	ug/l	99
4) Vinyl Chloride	1.41	62	100587	45.385	ug/l	100
5) Bromomethane	1.64	94	60803	45.708	ug/l	97
6) Chloroethane	1.71	64	62228	43.732	ug/l	96
7) Trichlorofluoromethane	1.92	101	128468	47.686	ug/l	97
8) Diethyl Ether	2.18	74	58236	45.635	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81865	48.390	ug/l	99
10) Methyl Iodide	2.51	142	92206	47.193	ug/l	99
11) Tert butyl alcohol	3.04	59	119884	210.007	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79602	46.961	ug/l	99
13) Acrolein	2.29	56	112308	217.236	ug/l	99
14) Allyl chloride	2.73	41	187575	45.408	ug/l	99
15) Acrylonitrile	3.14	53	302395	216.648	ug/l	99
16) Acetone	2.44	43	314034	237.143	ug/l	99
17) Carbon Disulfide	2.57	76	224112	47.092	ug/l	100
18) Methyl Acetate	2.77	43	131373	41.715	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	304392	46.243	ug/l	99
20) Methylene Chloride	2.85	84	95017	44.315	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	85449	46.482	ug/l	99
22) Diisopropyl ether	3.85	45	368565	46.394	ug/l	95
23) Vinyl Acetate	3.81	43	1633179	240.077	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178838	45.634	ug/l	100
25) 2-Butanone	4.67	43	467663	227.261	ug/l	100
26) 2,2-Dichloropropane	4.58	77	139569	47.846	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	101211	46.126	ug/l	99
28) Bromochloromethane	5.01	49	65916	41.306	ug/l	100
29) Tetrahydrofuran	5.12	42	291206	219.911	ug/l	99
30) Chloroform	5.21	83	164685	46.463	ug/l	97
31) Cyclohexane	5.57	56	175355	48.094	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	138450	46.923	ug/l	99
36) 1,1-Dichloropropene	5.79	75	127791	49.635	ug/l	99
37) Ethyl Acetate	4.82	43	168821	47.062	ug/l	99
38) Carbon Tetrachloride	5.78	117	117668	50.303	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165851	52.454	ug/l	99
40) Benzene	6.13	78	389215	48.848	ug/l	99
41) Methacrylonitrile	5.04	41	99371	46.536	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139256	48.721	ug/l	100
43) Isopropyl Acetate	6.44	43	273623	47.687	ug/l	100
44) Trichloroethene	7.21	130	95251	49.449	ug/l	100
45) 1,2-Dichloropropane	7.51	63	110495	48.974	ug/l	97
46) Dibromomethane	7.66	93	63496	48.463	ug/l	99
47) Bromodichloromethane	7.89	83	129510	49.554	ug/l	98
48) Methyl methacrylate	7.76	41	138824	48.767	ug/l	99
49) 1,4-Dioxane	7.74	88	49667	860.321	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	901000	240.241	ug/l	99
52) Toluene	8.78	92	241531	49.867	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153001	51.853	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	167820	51.385	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95282	48.219	ug/l	97
56) Ethyl methacrylate	9.18	69	175244	49.682	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168037	48.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	386367	206.479	ug/l	99
59) 2-Hexanone	9.49	43	712984	242.057	ug/l	99
60) Dibromochloromethane	9.58	129	98479	51.027	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97990	49.126	ug/l	100
64) Tetrachloroethene	9.34	164	89621	51.280	ug/l	97
65) Chlorobenzene	10.13	112	250571	49.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91094	49.299	ug/l	99
67) Ethyl Benzene	10.25	91	469015	50.002	ug/l	99
68) m/p-Xylenes	10.35	106	345549	100.811	ug/l	98
69) o-Xylene	10.69	106	167279	49.462	ug/l	100
70) Styrene	10.71	104	297325	50.582	ug/l	100
71) Bromoform	10.85	173	76304	50.815	ug/l #	100
73) Isopropylbenzene	11.01	105	454243	47.071	ug/l	99
74) N-amyl acetate	10.90	43	260138	46.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	157440	43.765	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	190480	61.879	ug/l	80
77) Bromobenzene	11.25	156	112609	47.014	ug/l	98
78) n-propylbenzene	11.36	91	539865	48.985	ug/l	99
79) 2-Chlorotoluene	11.42	91	314428	46.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390291	48.033	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56447	46.918	ug/l	99
82) 4-Chlorotoluene	11.51	91	370786	48.271	ug/l	100
83) tert-Butylbenzene	11.77	119	376442	47.624	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392503	48.125	ug/l	98
85) sec-Butylbenzene	11.94	105	458497	48.926	ug/l	100
86) p-Isopropyltoluene	12.06	119	419751	49.824	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204670	47.933	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	209440	48.652	ug/l	100
89) n-Butylbenzene	12.38	91	392353	51.527	ug/l	100
90) Hexachloroethane	12.59	117	70578	49.173	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203731	46.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34519	42.774	ug/l	100

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

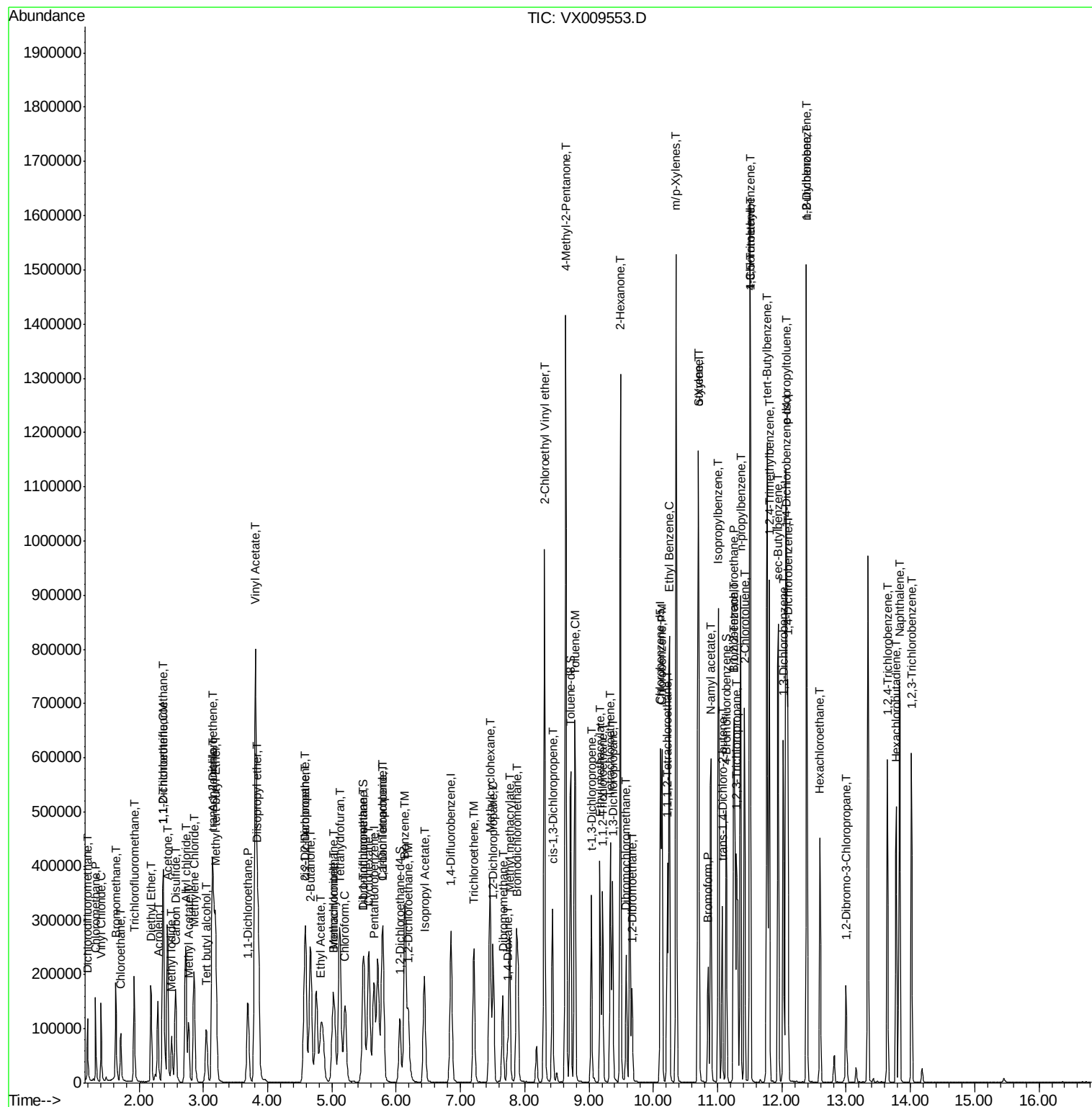
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150728	50.681	ug/l	97
94) Hexachlorobutadiene	13.78	225	78628	51.772	ug/l	100
95) Naphthalene	13.83	128	451668	46.680	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147440	48.907	ug/l	99

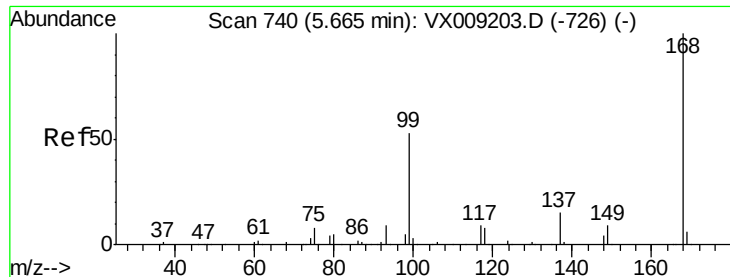
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX051419\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

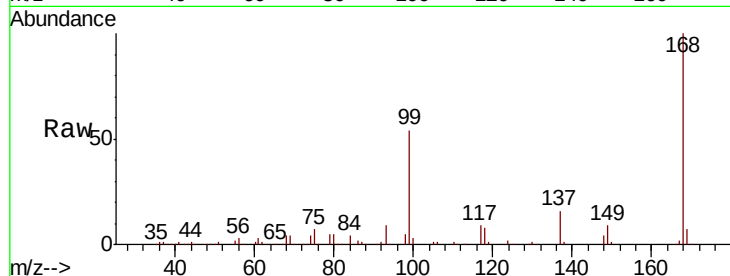
VSTDCCC050

Tot Ion:168 Resp: 180656

Ion Ratio Lower Upper

168 100

99 54.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

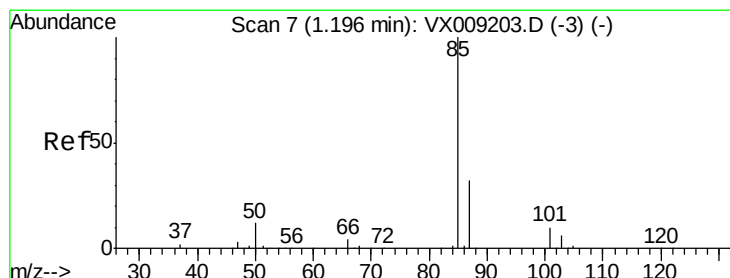
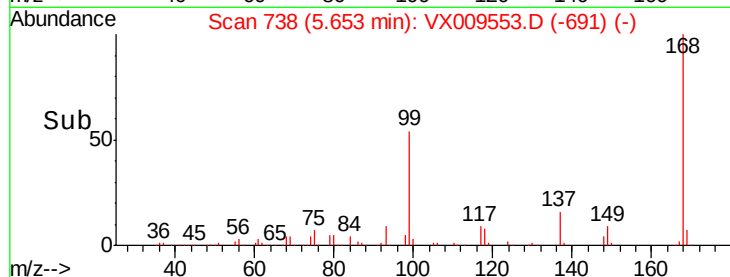
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.725 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009553.D

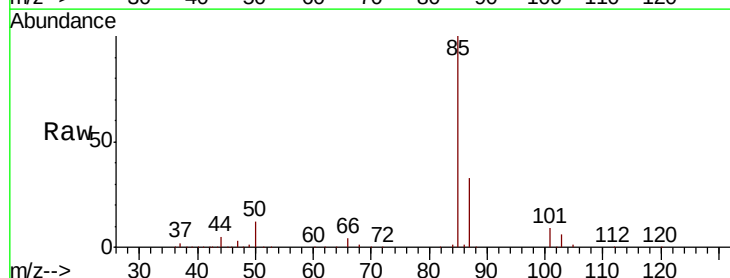
Acq: 14 May 2019 10:32

Tgt Ion: 85 Resp: 69463

Ion Ratio Lower Upper

85 100

87 33.0 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

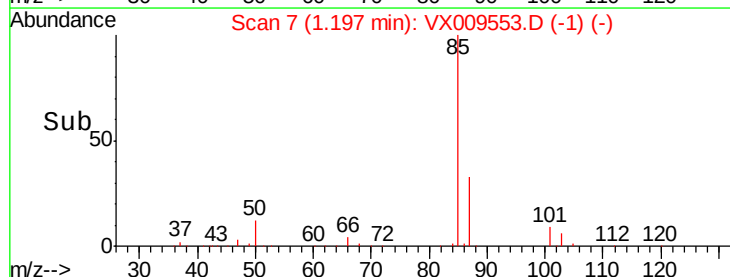
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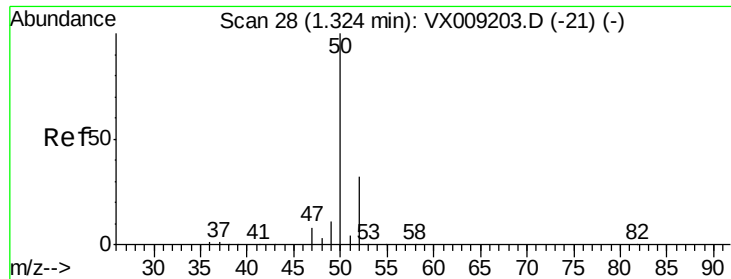
40000

20000

0

Time--> 1.15 1.20 1.25 1.30

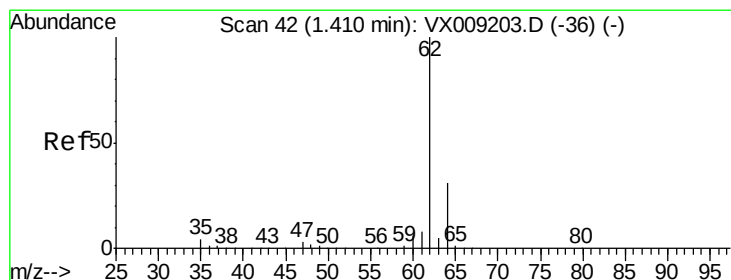
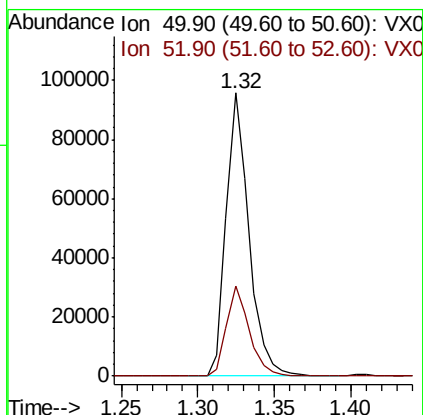
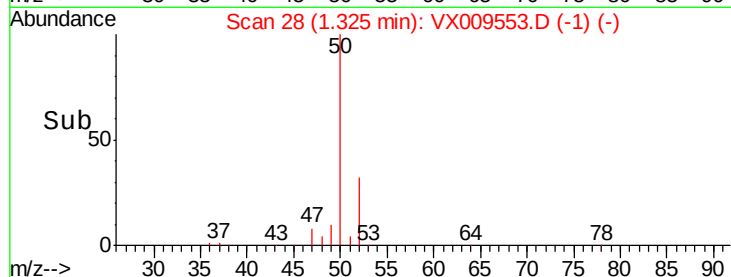
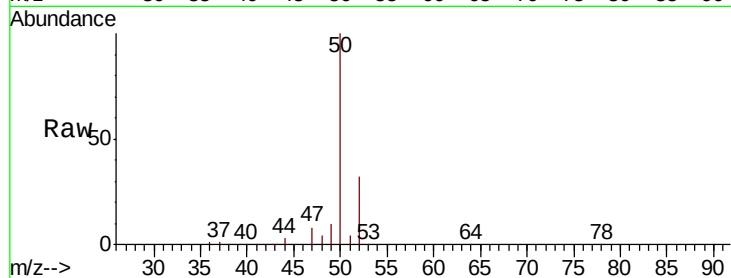




#3
Chloromethane
Concen: 43.470 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

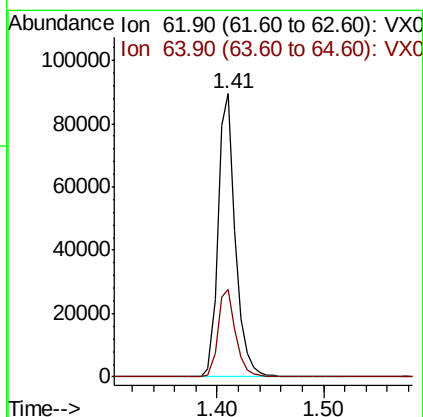
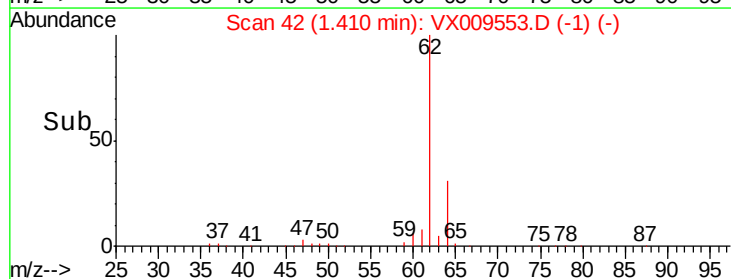
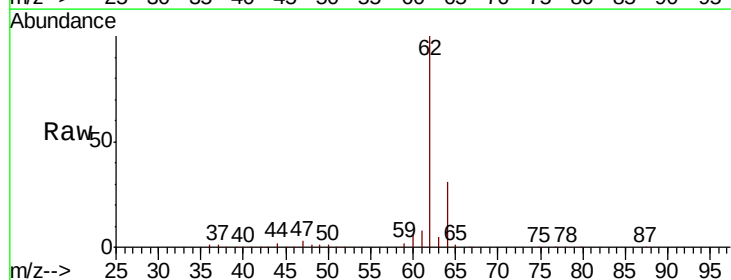
Instrument :
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VSTDCCC050

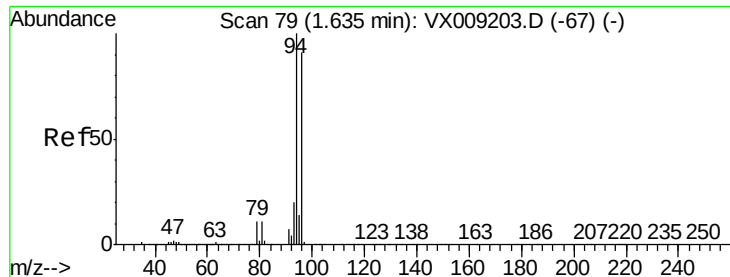
Tot Ion: 50 Resp: 98801
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9



#4
Vinyl Chloride
Concen: 45.385 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 62 Resp: 100587
Ion Ratio Lower Upper
62 100
64 30.9 24.6 36.8





#5

Bromomethane

Concen: 45.708 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

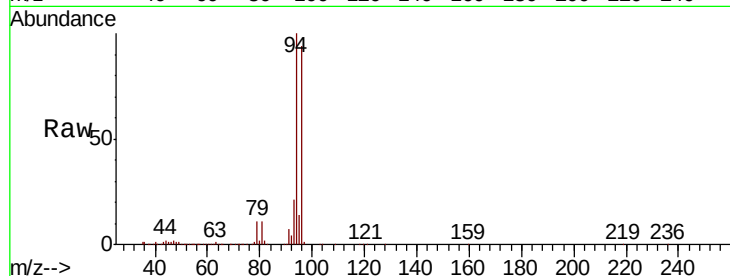
VSTDCCC050

Tot Ion: 94 Resp: 60803

Ion Ratio Lower Upper

94 100

96 93.8 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

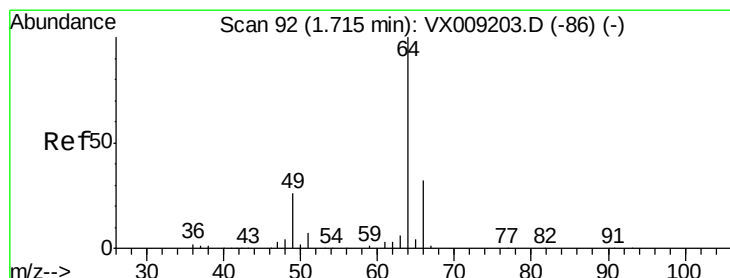
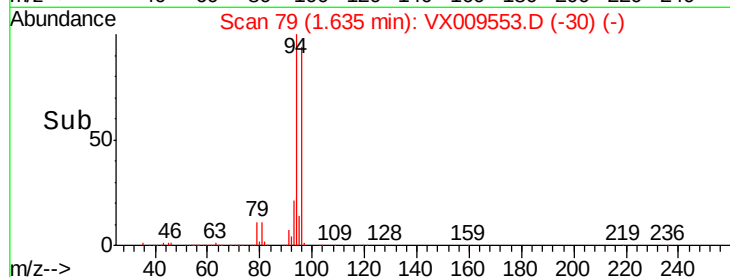
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.732 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009553.D

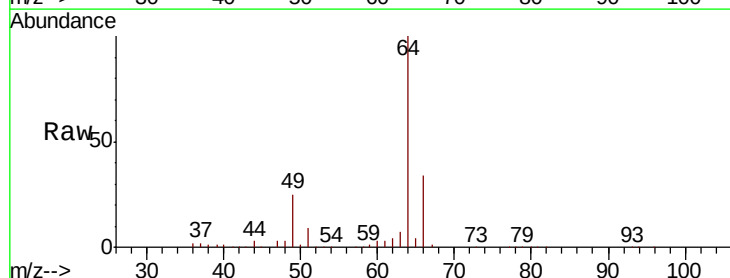
Acq: 14 May 2019 10:32

Tgt Ion: 64 Resp: 62228

Ion Ratio Lower Upper

64 100

66 34.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

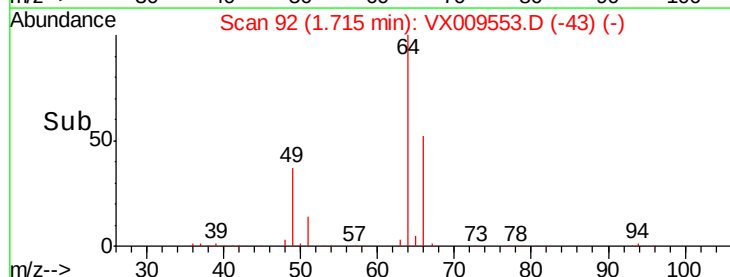
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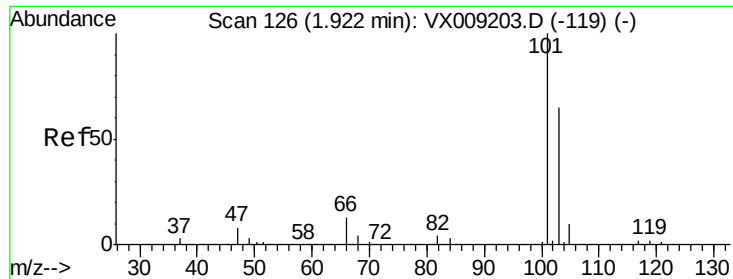
20000

10000

0

Time--> 1.60 1.70 1.80 1.90



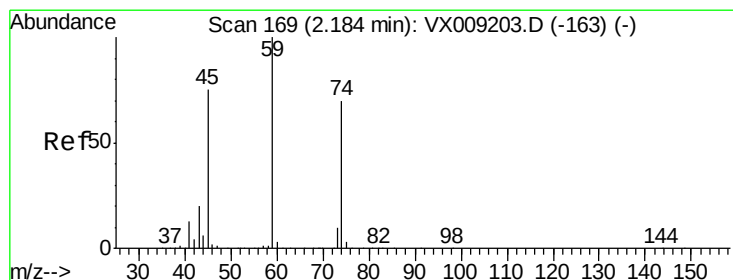
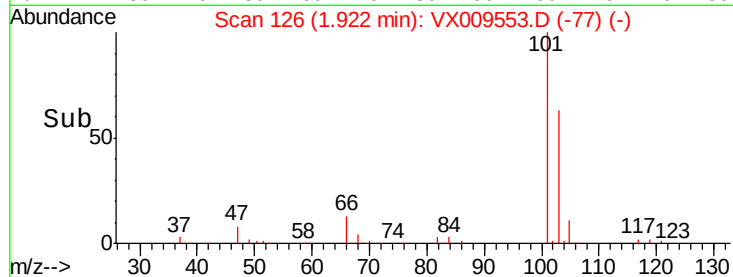
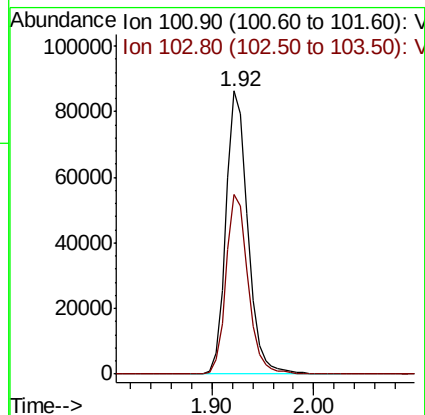
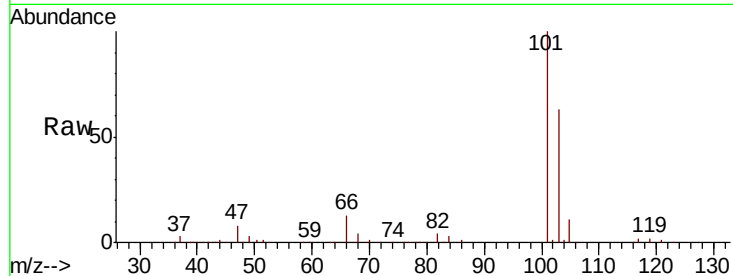


#7

Trichlorofluoromethane
 Concen: 47.686 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

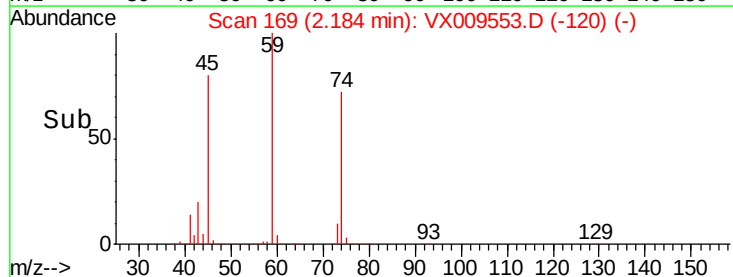
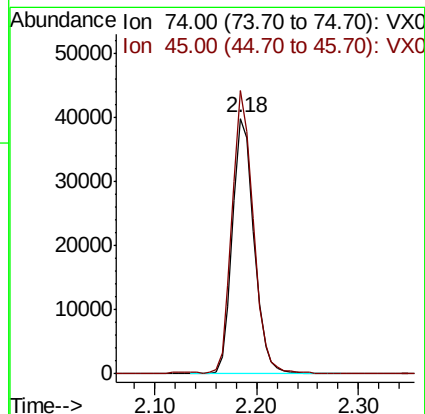
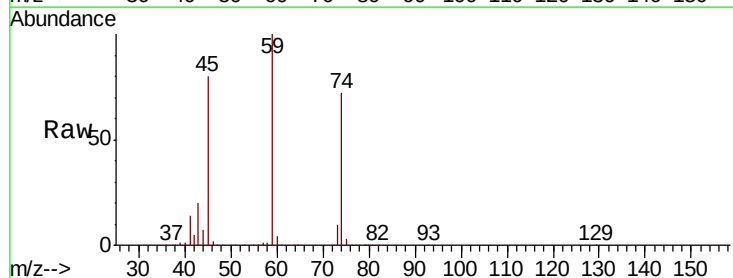
Tot Ion:101 Resp: 128468
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

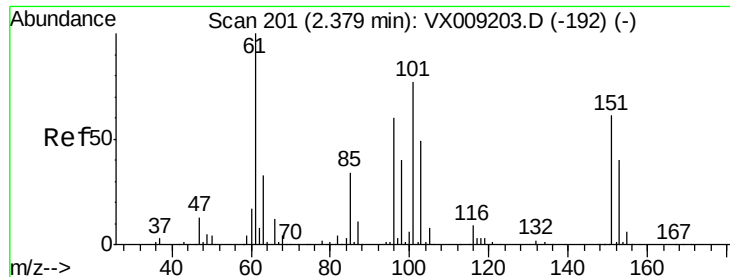


#8

Diethyl Ether
 Concen: 45.635 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 74 Resp: 58236
 Ion Ratio Lower Upper
 74 100
 45 109.1 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.390 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

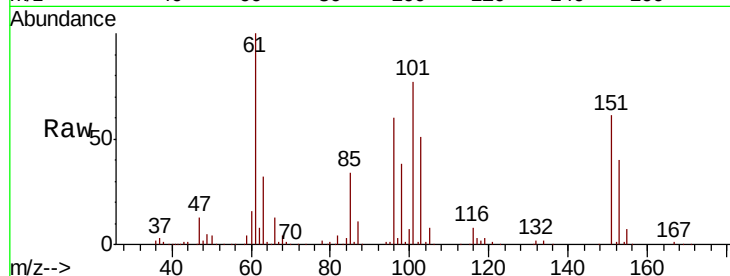
Tot Ion:101 Resp: 81865

Ion Ratio Lower Upper

101 100

85 43.5 35.7 53.5

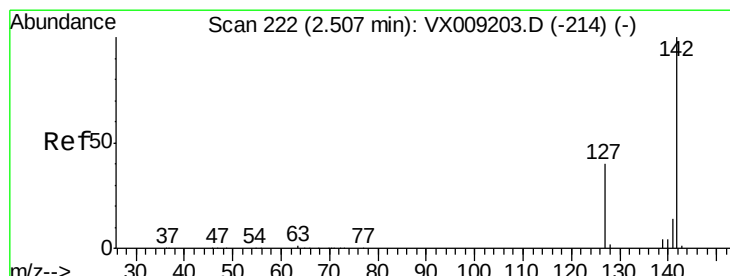
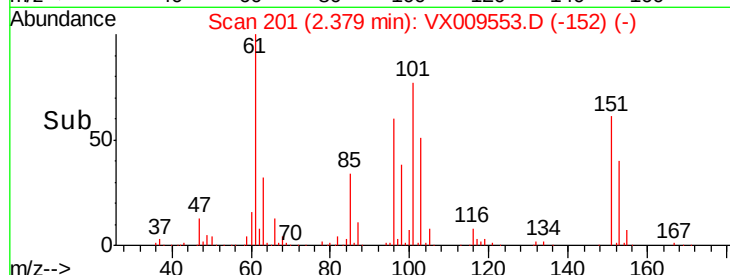
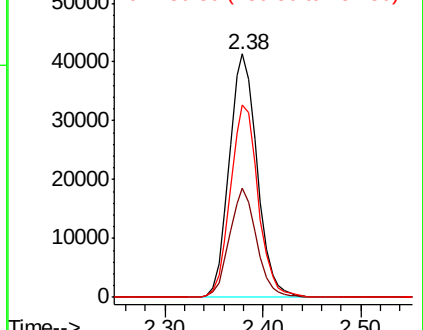
151 78.7 62.2 93.2



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: 47.193 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

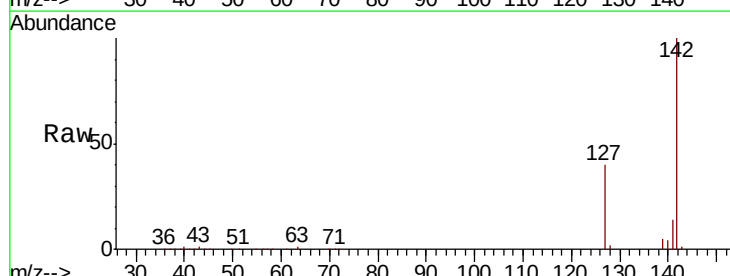
Tgt Ion:142 Resp: 92206

Ion Ratio Lower Upper

142 100

127 39.9 32.7 49.1

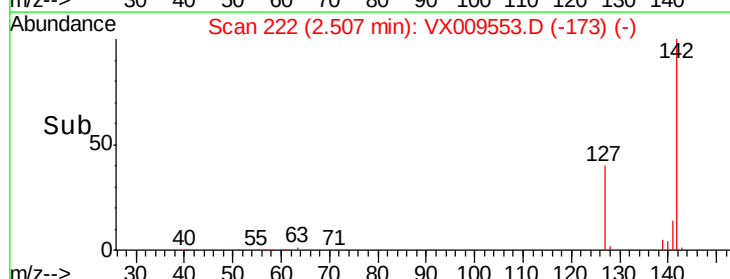
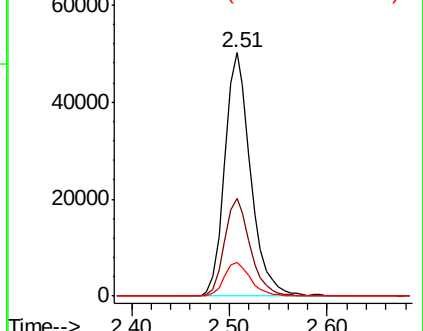
141 14.1 11.5 17.3

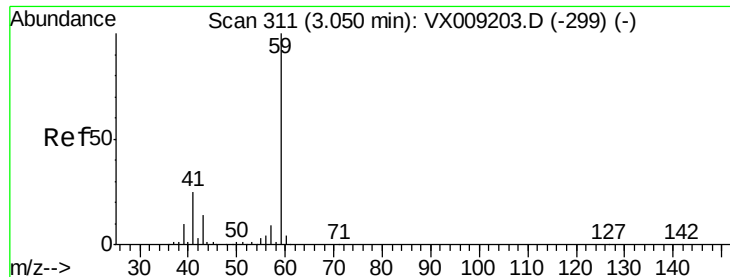


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



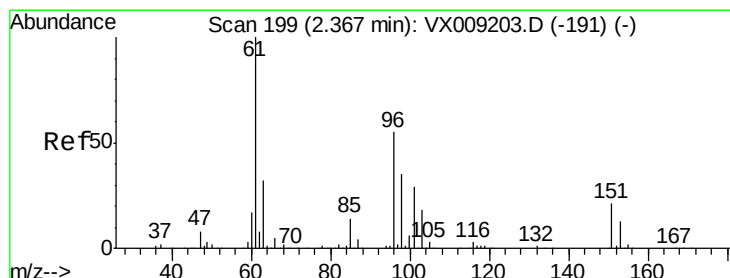
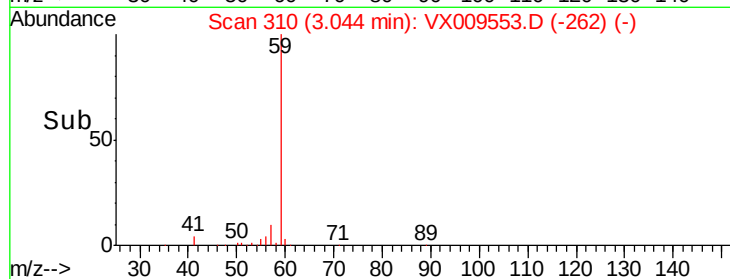
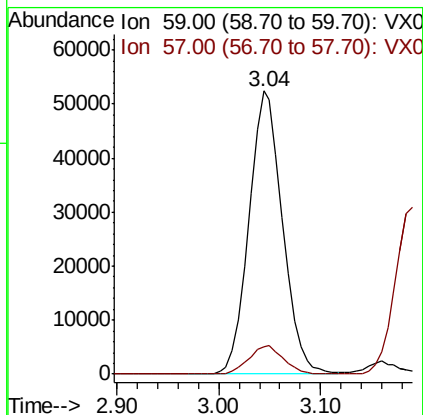
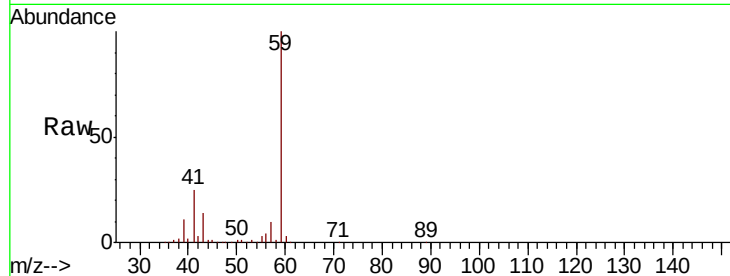


#11

Tert butyl alcohol
 Concen: 210.007 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

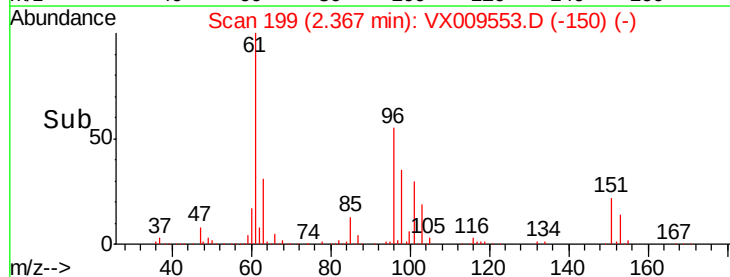
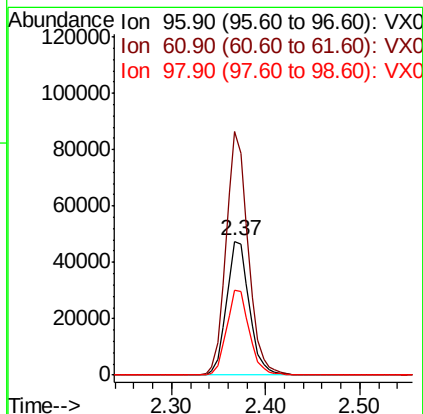
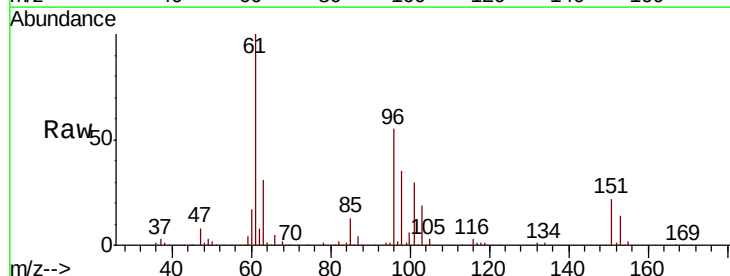
Tot Ion: 59 Resp: 119884
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

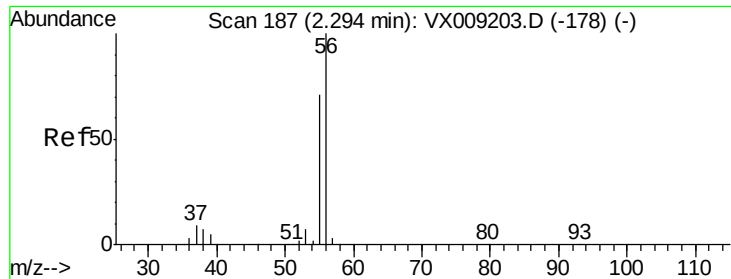


#12

1,1-Dichloroethene
 Concen: 46.961 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 96 Resp: 79602
 Ion Ratio Lower Upper
 96 100
 61 182.1 144.3 216.5
 98 63.5 50.3 75.5





#13

Acrolein

Concen: 217.236 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

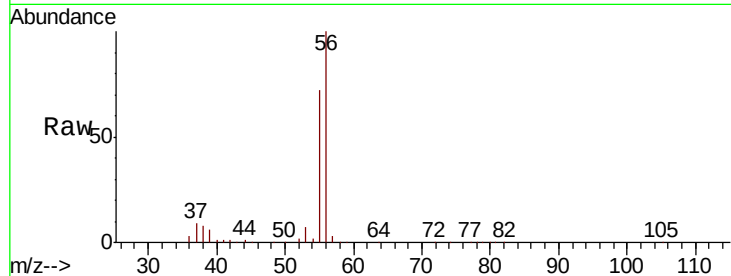
VSTDCCC050

Tot Ion: 56 Resp: 112308

Ion Ratio Lower Upper

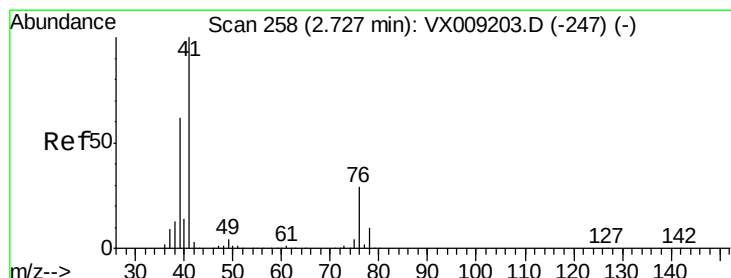
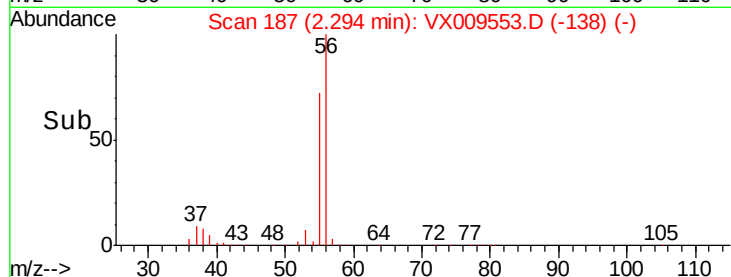
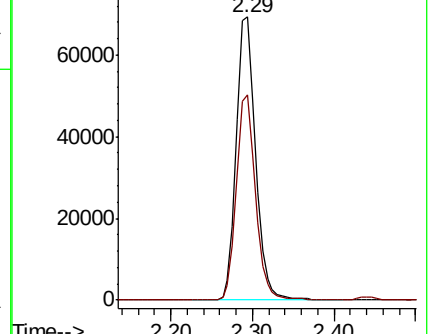
56 100

55 71.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.408 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

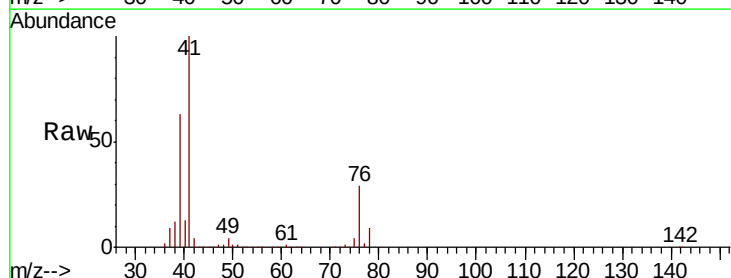
Tgt Ion: 41 Resp: 187575

Ion Ratio Lower Upper

41 100

39 59.4 46.7 70.1

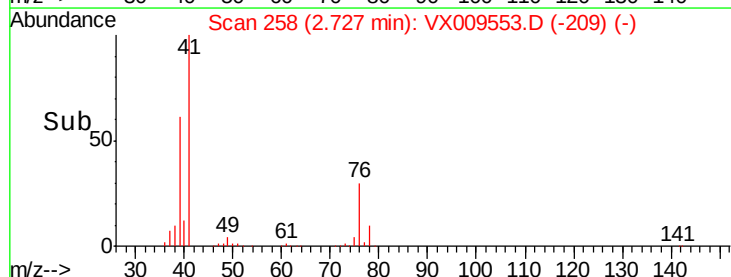
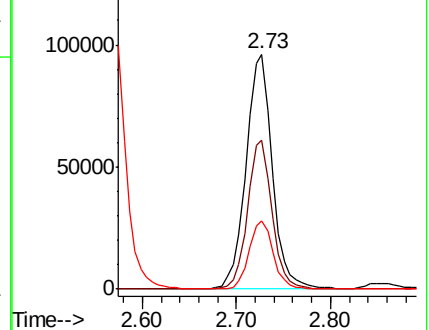
76 27.0 21.8 32.8

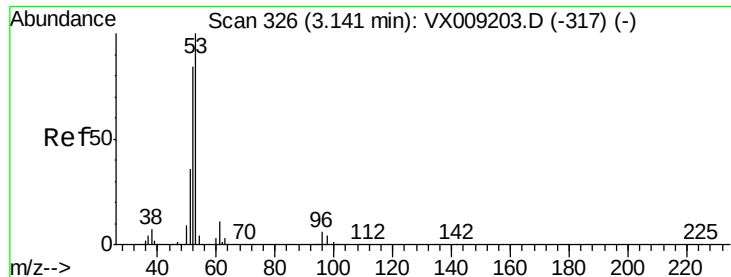


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 216.648 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

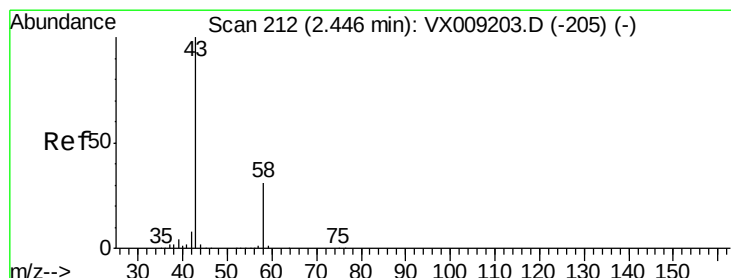
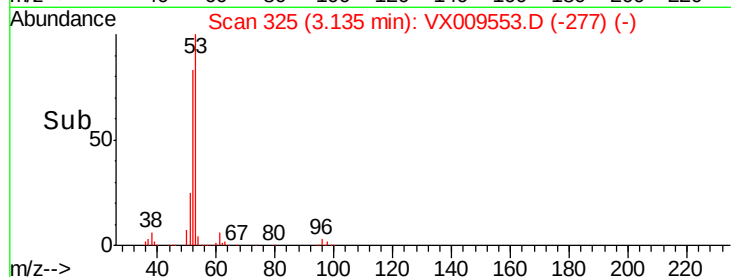
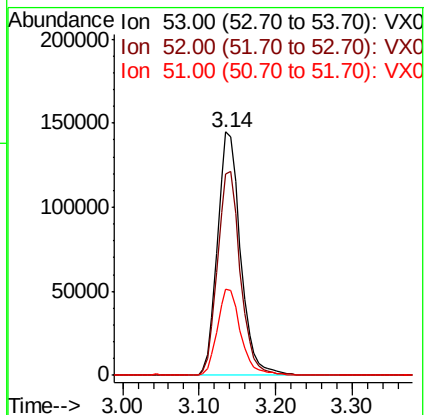
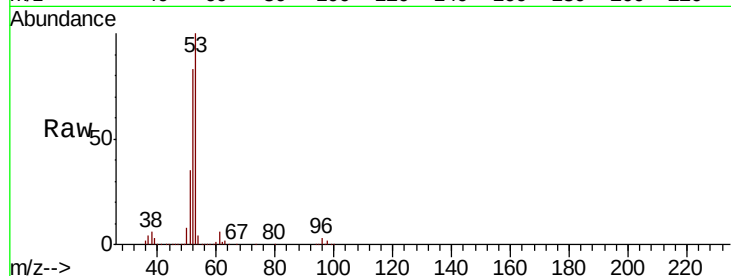
Tot Ion: 53 Resp: 302395

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

51 35.9 28.2 42.2



#16

Acetone

Concen: 237.143 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009553.D

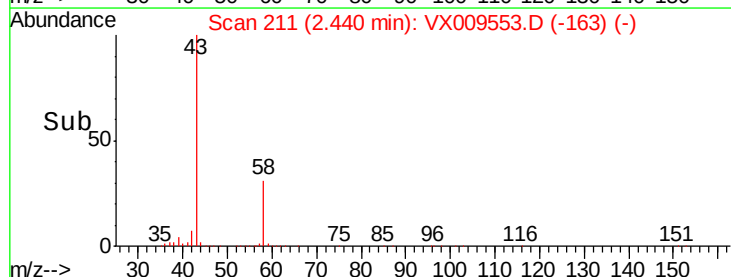
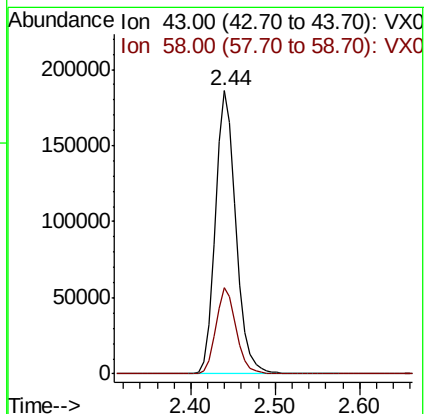
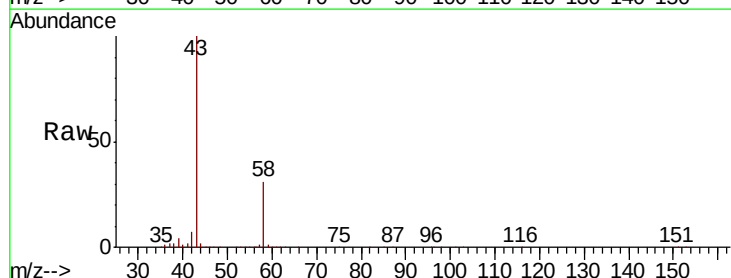
Acq: 14 May 2019 10:32

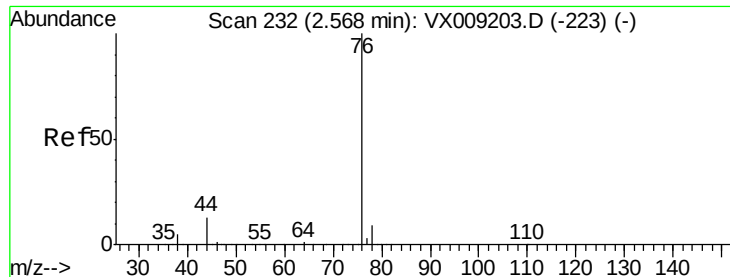
Tgt Ion: 43 Resp: 314034

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3





#17

Carbon Disulfide

Concen: 47.092 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

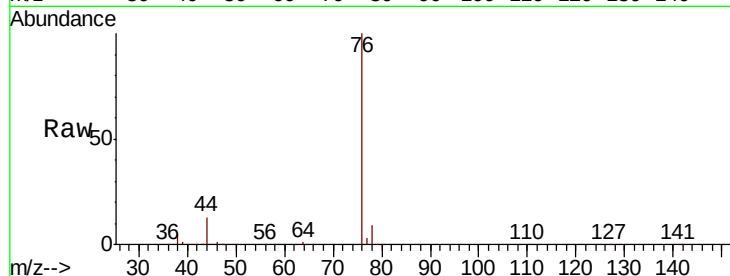
VSTDCCC050

Tot Ion: 76 Resp: 224112

Ion Ratio Lower Upper

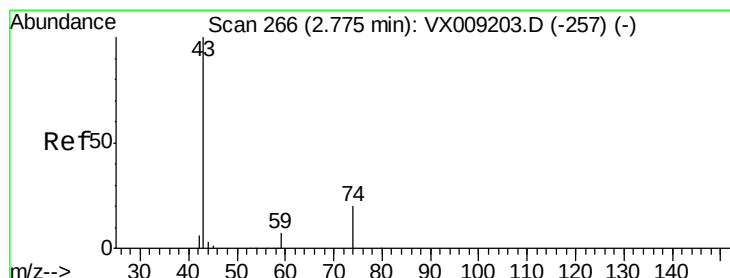
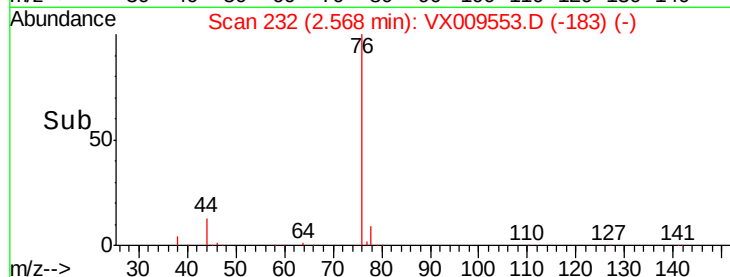
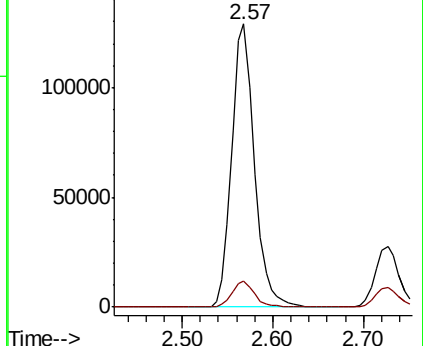
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 41.715 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009553.D

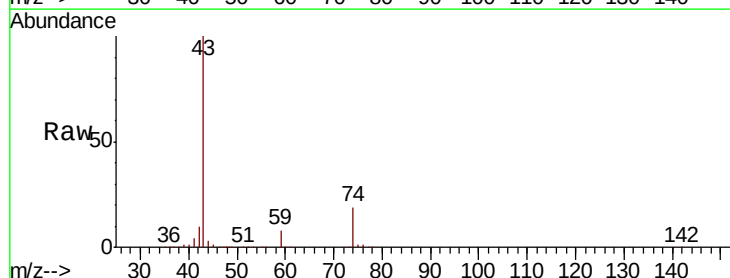
Acq: 14 May 2019 10:32

Tgt Ion: 43 Resp: 131373

Ion Ratio Lower Upper

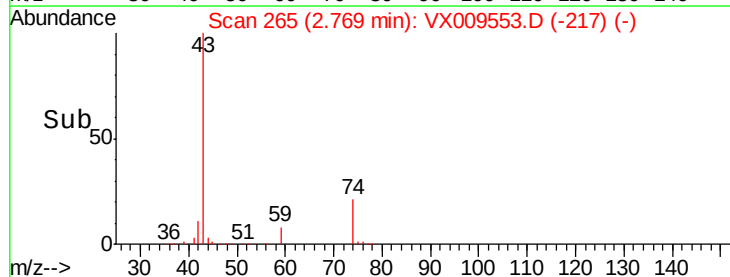
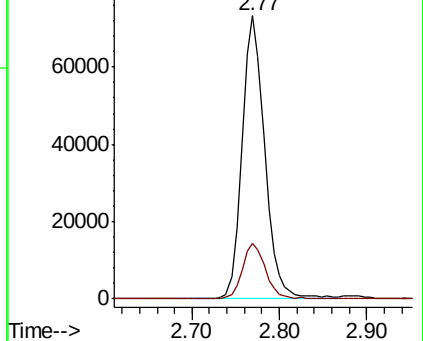
43 100

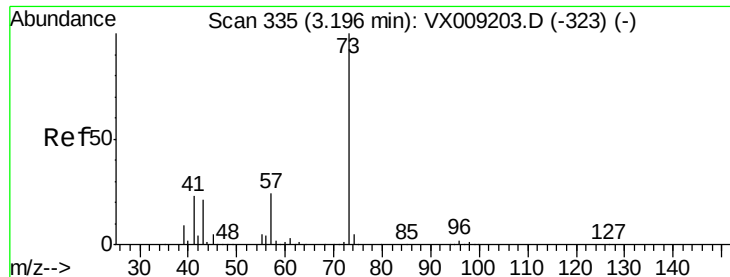
74 20.3 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



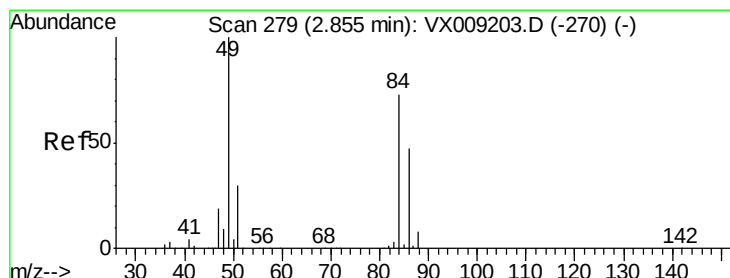
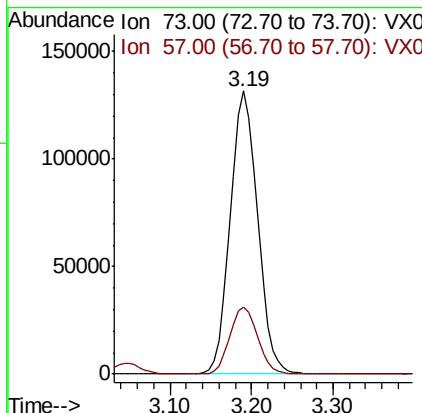
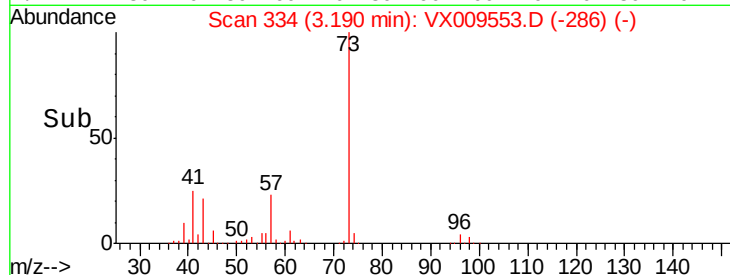
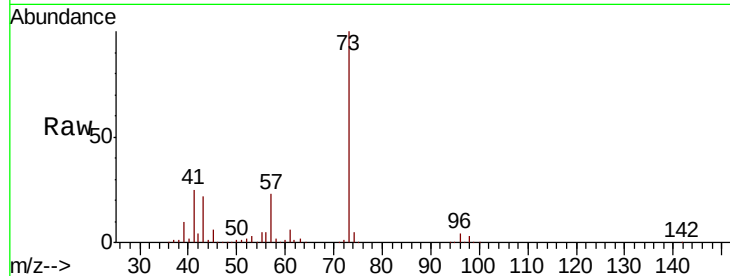


#19

Methyl tert-butyl Ether
 Concen: 46.243 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

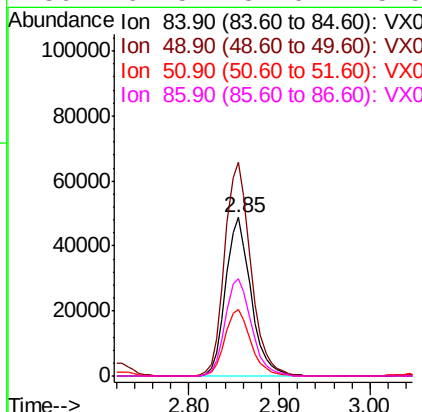
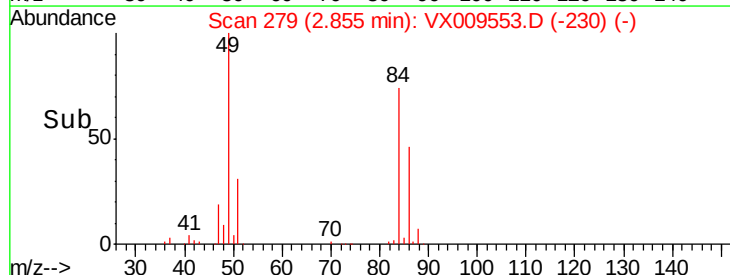
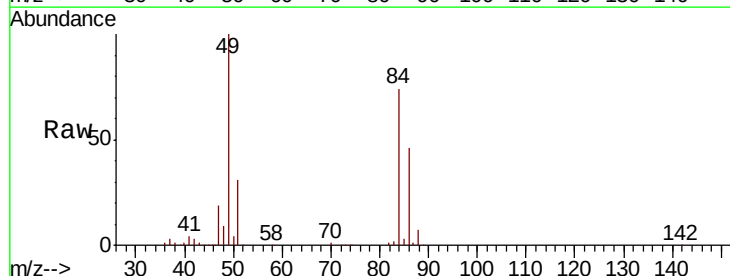
Tot Ion: 73 Resp: 304392
 Ion Ratio Lower Upper
 73 100
 57 23.5 19.3 28.9

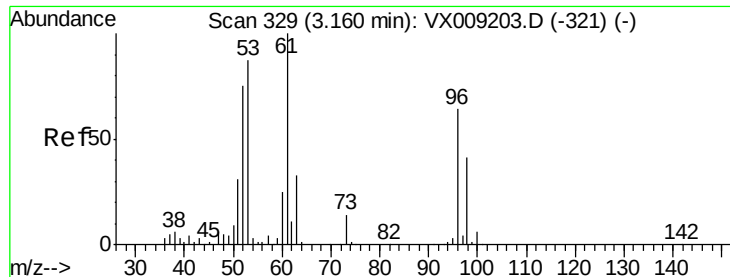


#20

Methylene Chloride
 Concen: 44.315 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 84 Resp: 95017
 Ion Ratio Lower Upper
 84 100
 49 134.8 109.9 164.9
 51 41.7 32.7 49.1
 86 61.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.482 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

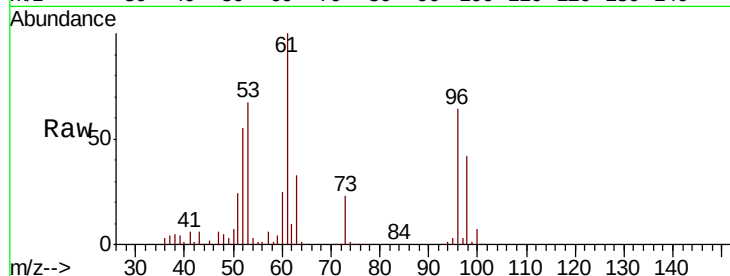
Tot Ion: 96 Resp: 85449

Ion Ratio Lower Upper

96 100

61 155.5 124.5 186.7

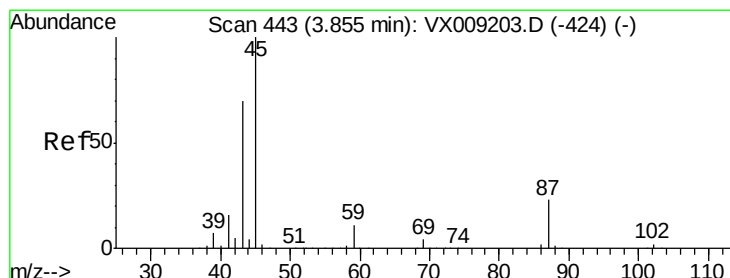
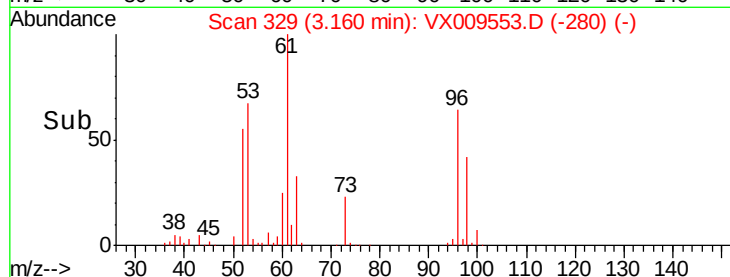
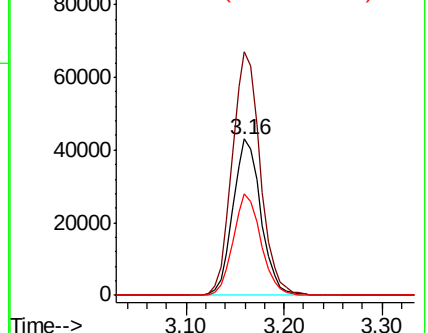
98 64.9 50.4 75.6



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: 46.394 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Tgt Ion: 45 Resp: 368565

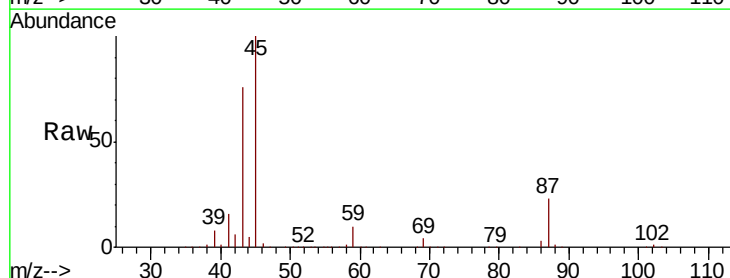
Ion Ratio Lower Upper

45 100

43 76.1 56.1 84.1

87 23.4 18.1 27.1

59 10.4 8.5 12.7

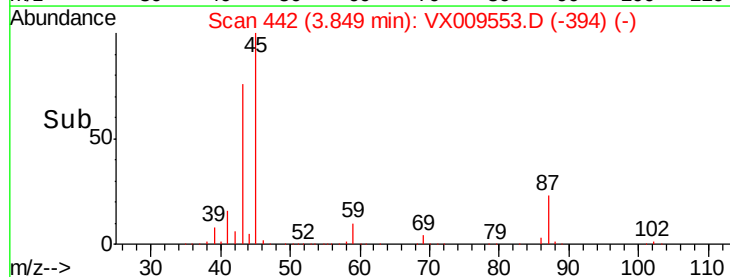
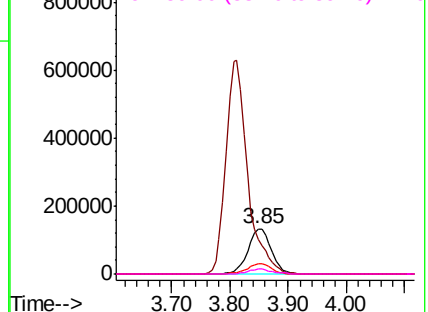


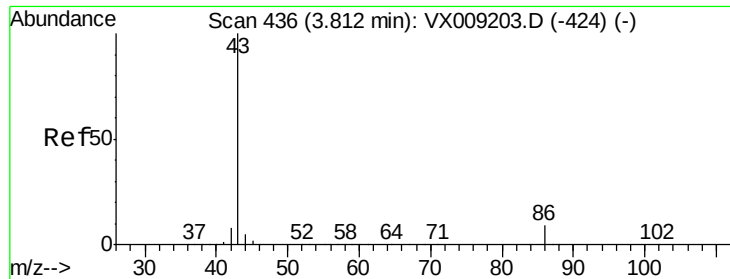
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 240.077 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

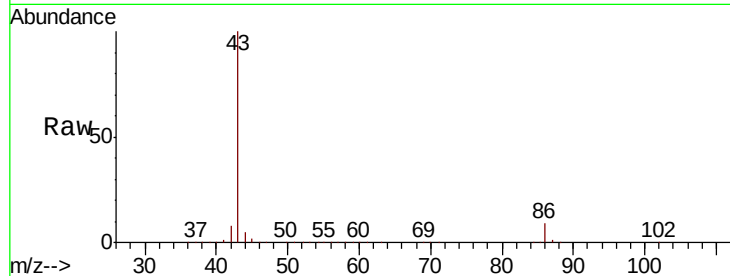
VSTDCCC050

Tot Ion: 43 Resp: 1633179

Ion Ratio Lower Upper

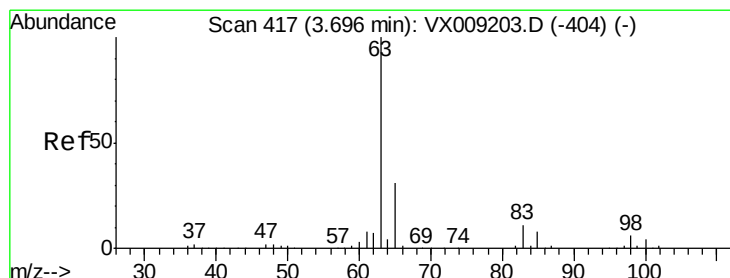
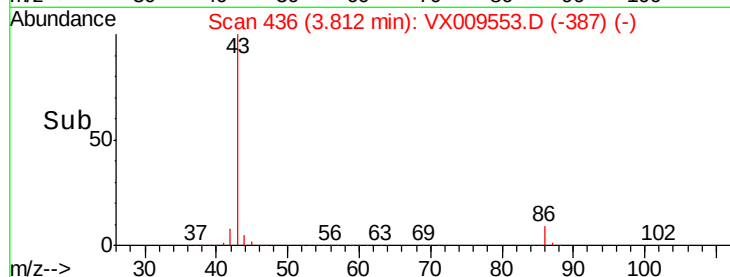
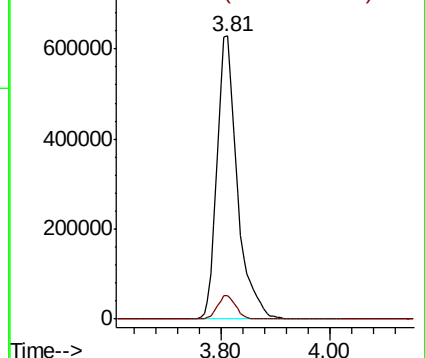
43 100

86 8.5 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: 45.634 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

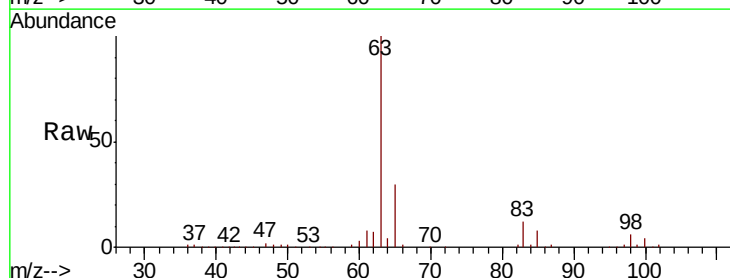
Tgt Ion: 63 Resp: 178838

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

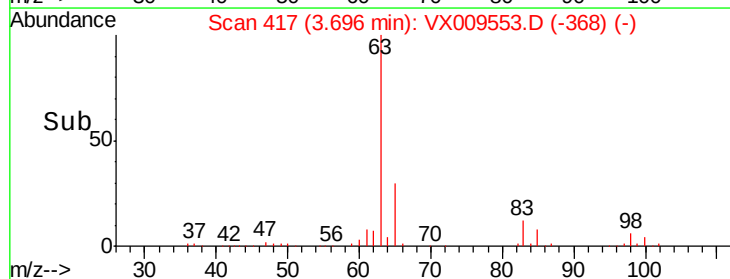
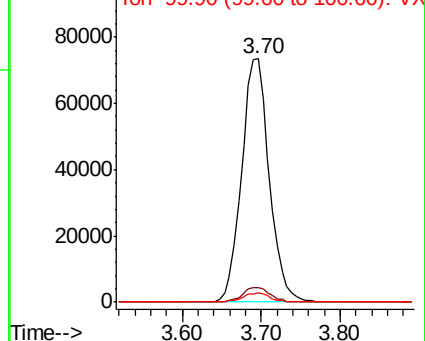
100 4.0 2.0 6.0

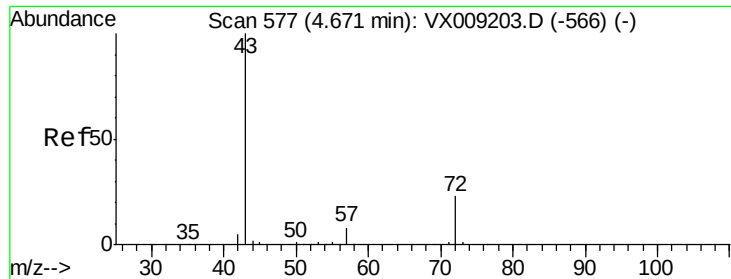


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.261 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

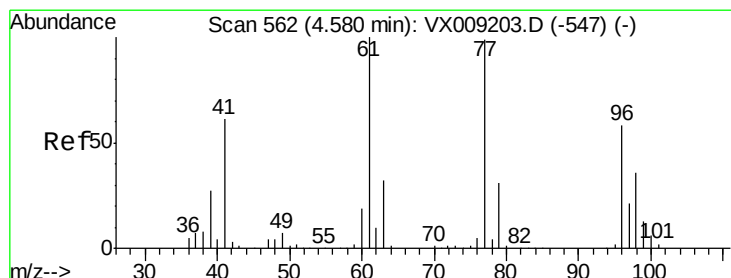
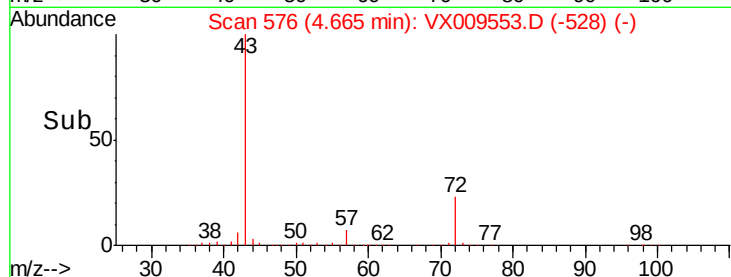
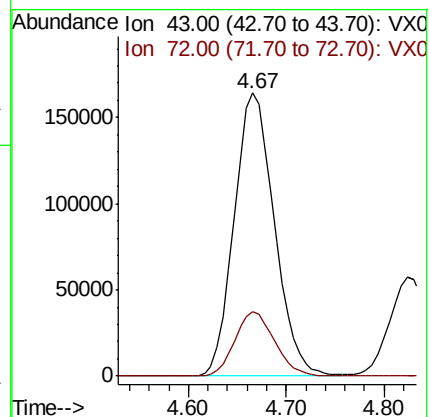
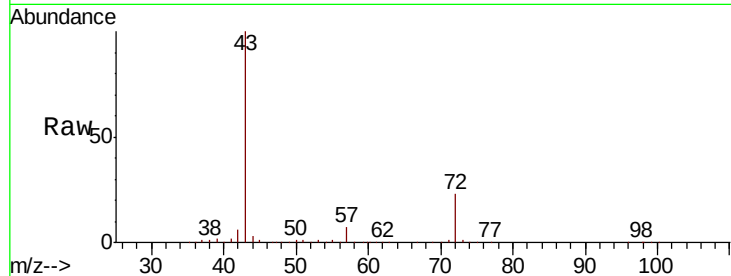
VSTDCCC050

Tot Ion: 43 Resp: 467663

Ion Ratio Lower Upper

43 100

72 22.6 18.2 27.2



#26

2,2-Dichloropropane

Concen: 47.846 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009553.D

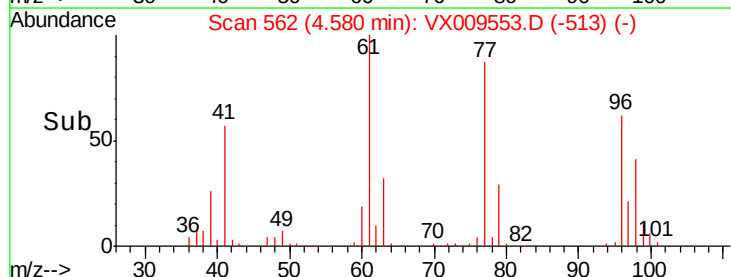
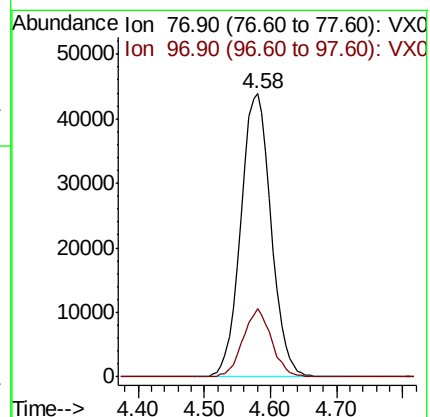
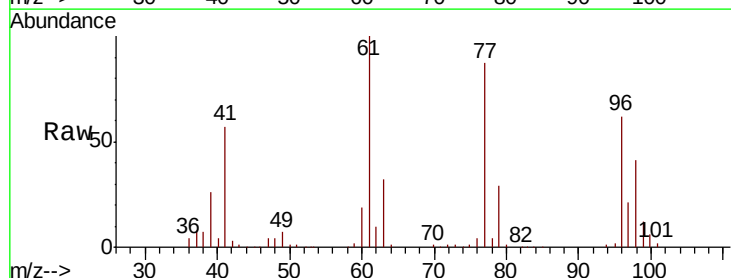
Acq: 14 May 2019 10:32

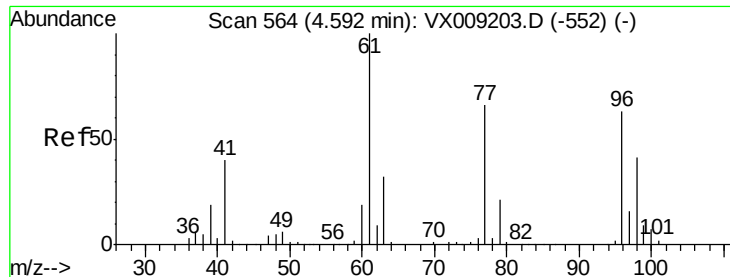
Tgt Ion: 77 Resp: 139569

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



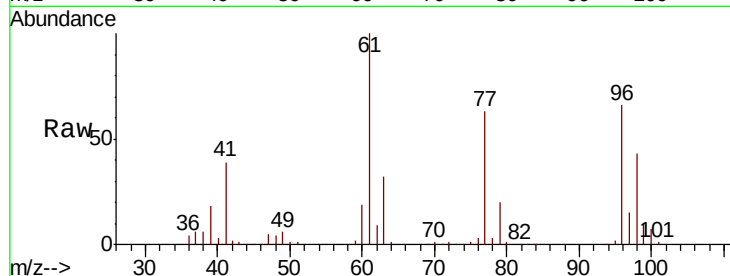


#27

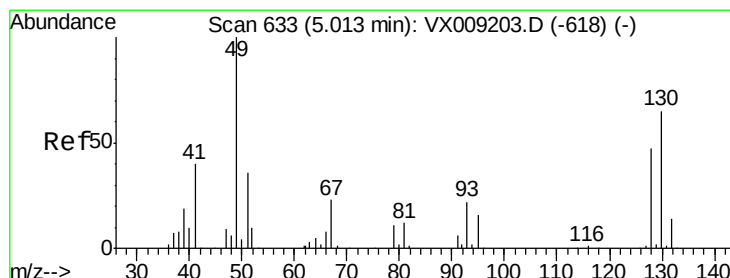
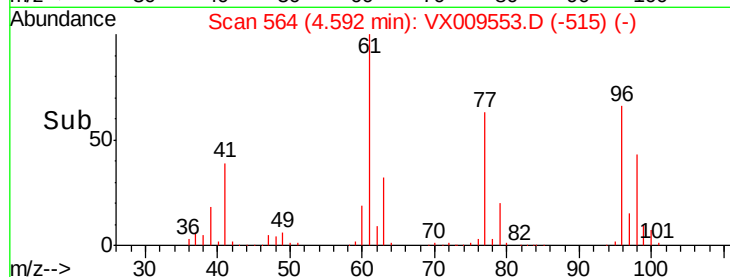
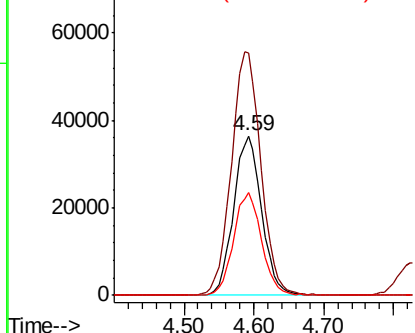
cis-1,2-Dichloroethene
Concen: 46.126 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 101211
Ion Ratio Lower Upper
96 100
61 161.2 0.0 324.0
98 64.5 0.0 130.4



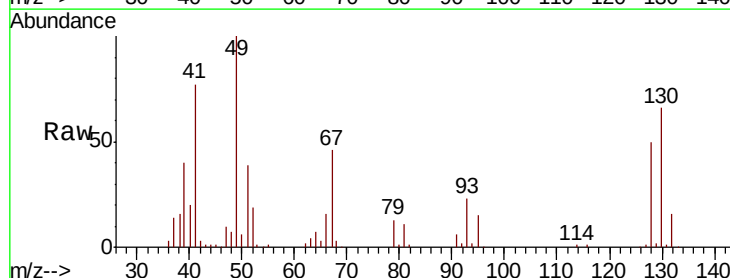
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



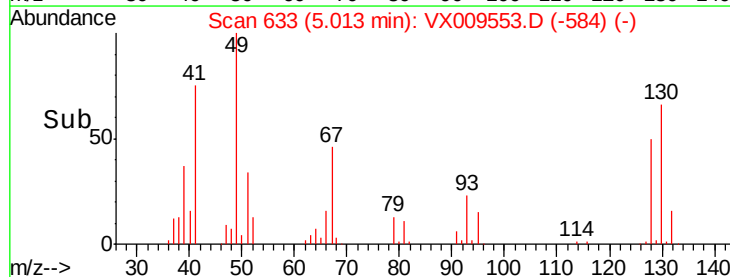
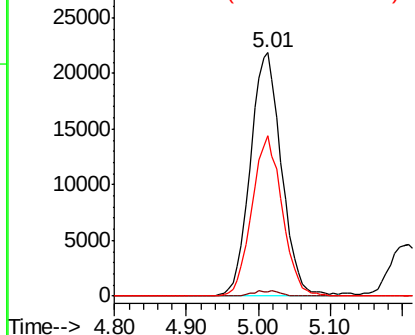
#28

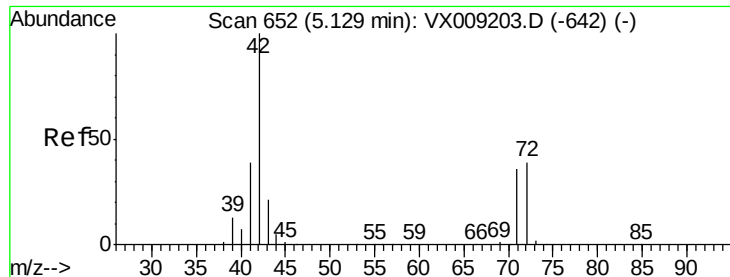
Bromochloromethane
Concen: 41.306 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 49 Resp: 65916
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.0 51.2 76.8



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





#29

Tetrahydrofuran

Concen: 219.911 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

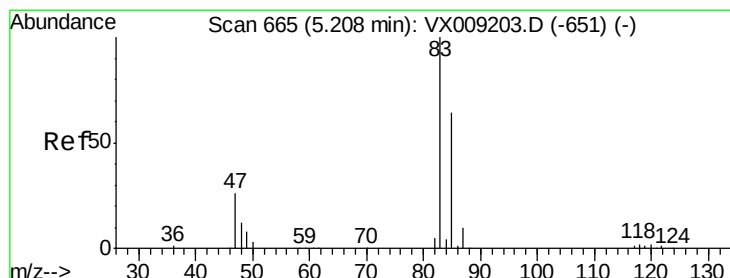
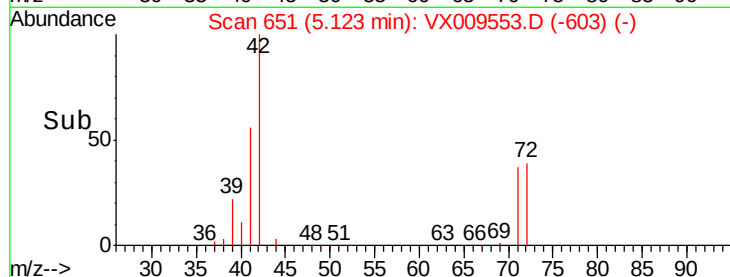
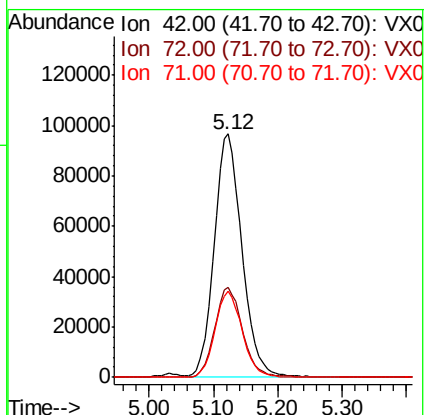
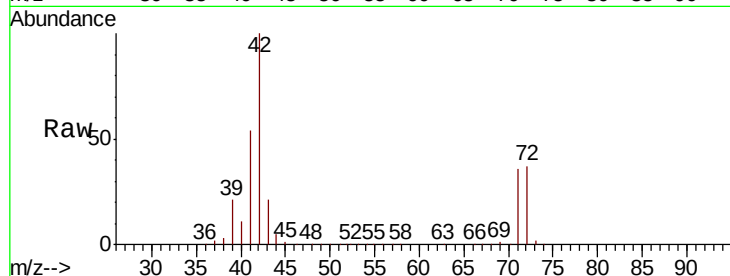
Tot Ion: 42 Resp: 291206

Ion Ratio Lower Upper

42 100

72 37.4 30.4 45.6

71 35.2 28.6 43.0



#30

Chloroform

Concen: 46.463 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009553.D

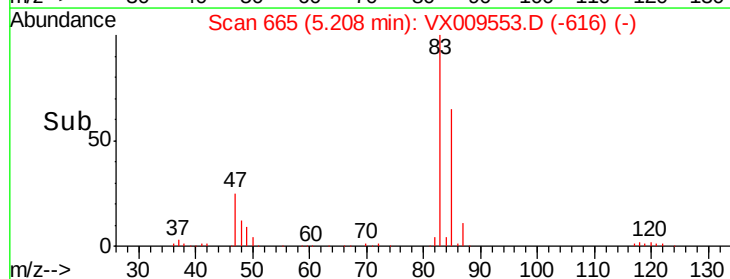
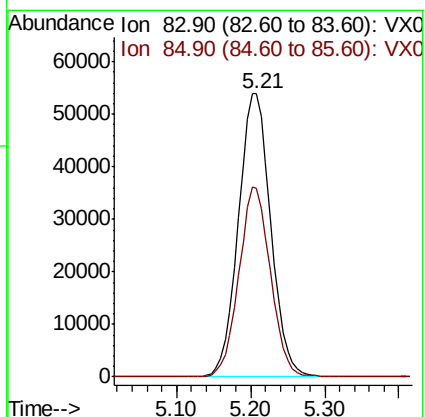
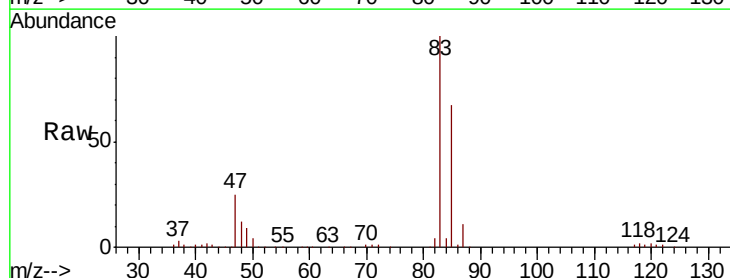
Acq: 14 May 2019 10:32

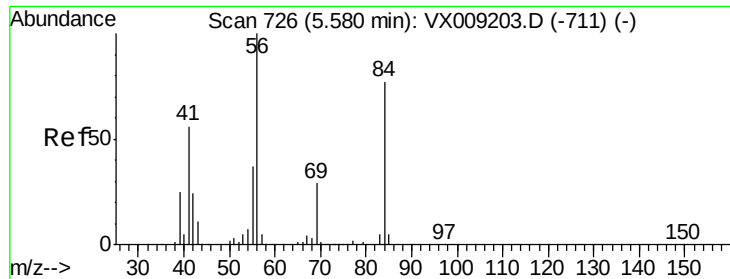
Tgt Ion: 83 Resp: 164685

Ion Ratio Lower Upper

83 100

85 66.6 51.5 77.3

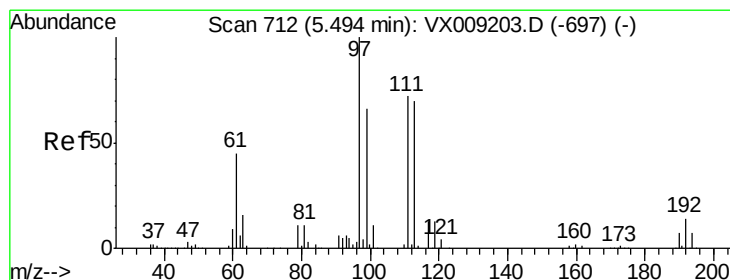
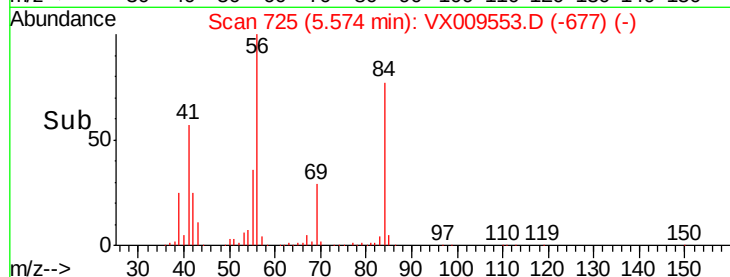
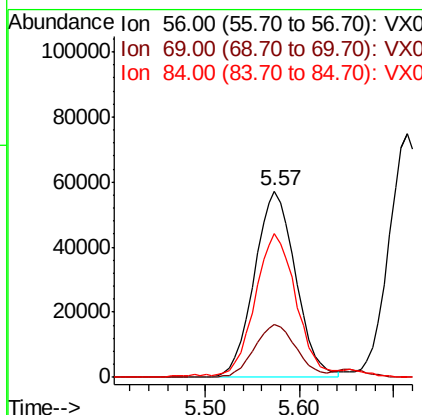
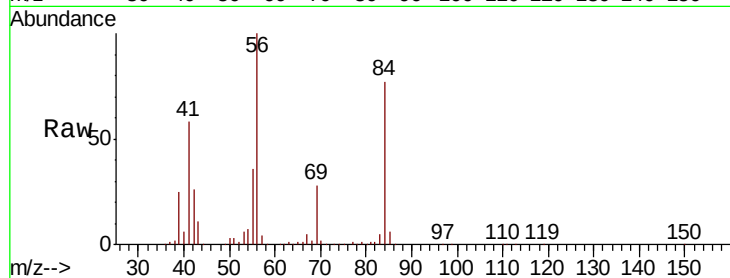




#31
Cyclohexane
Concen: 48.094 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

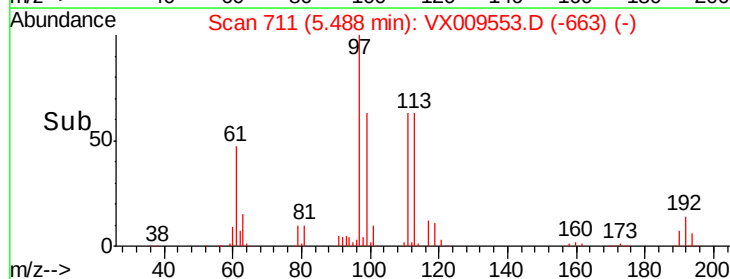
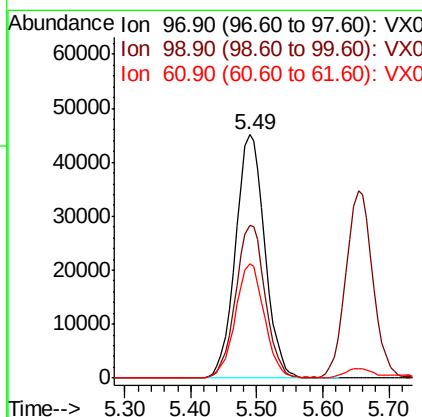
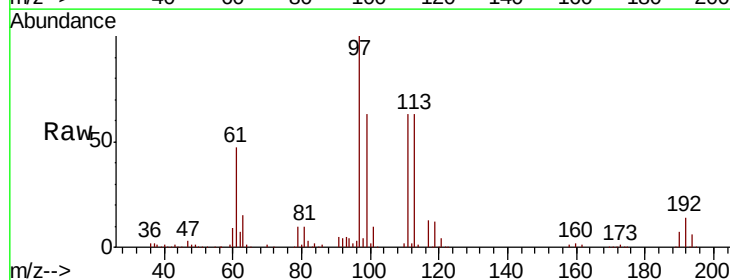
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

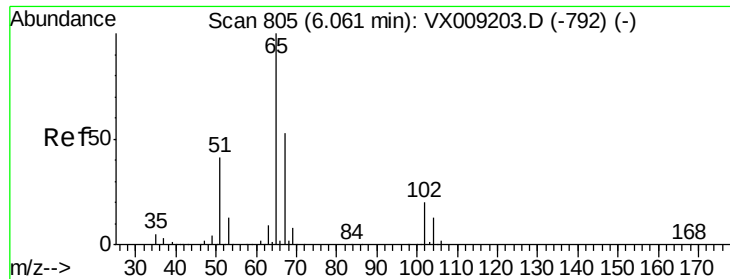
Tot Ion: 56 Resp: 175355
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.0
84 75.9 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 46.923 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 97 Resp: 138450
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.8
61 47.0 37.8 56.8

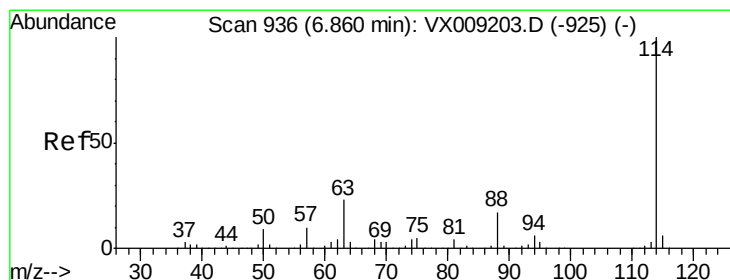
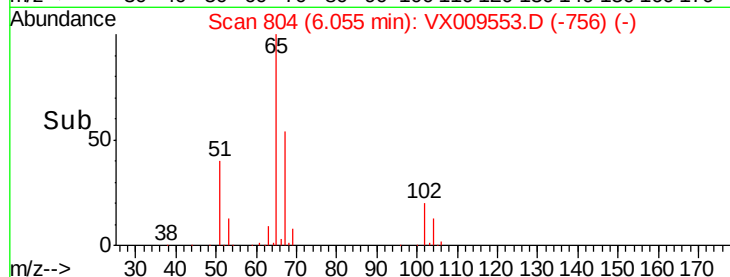
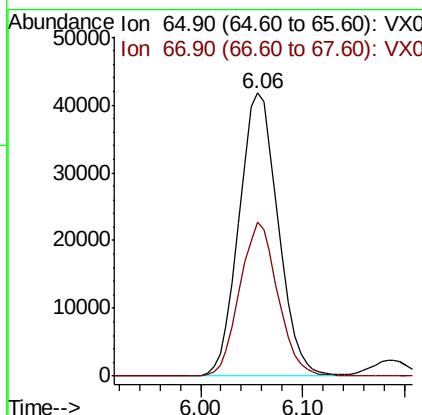
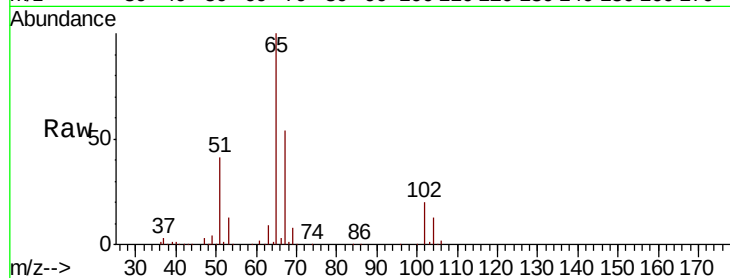




#33
 1,2-Dichloroethane-d4
 Concen: 45.160 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

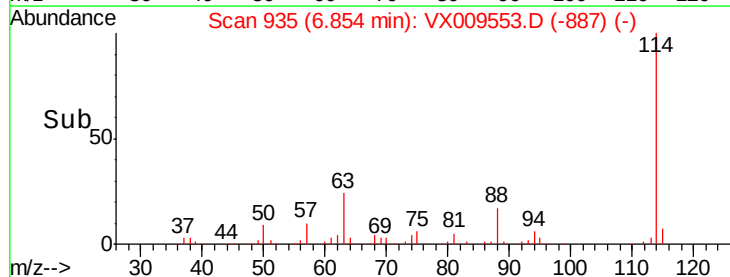
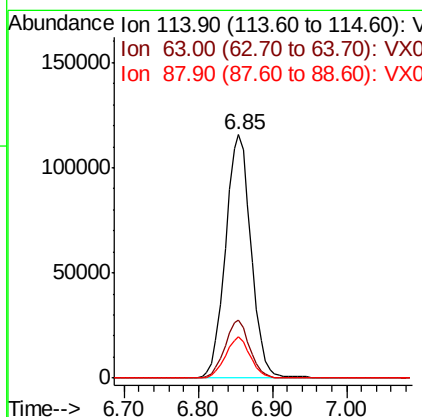
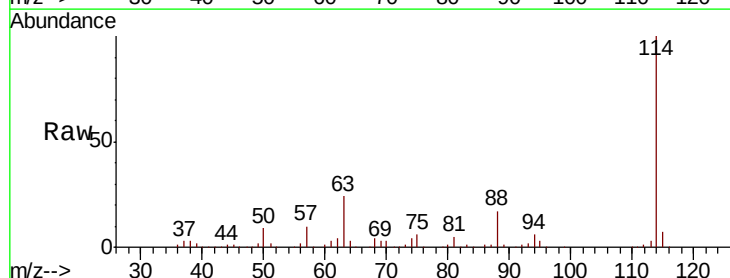
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

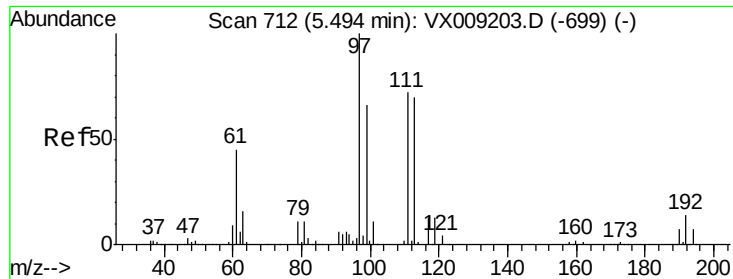
Tot Ion: 65 Resp: 111372
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 114 Resp: 277043
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.6
 88 17.0 0.0 33.2

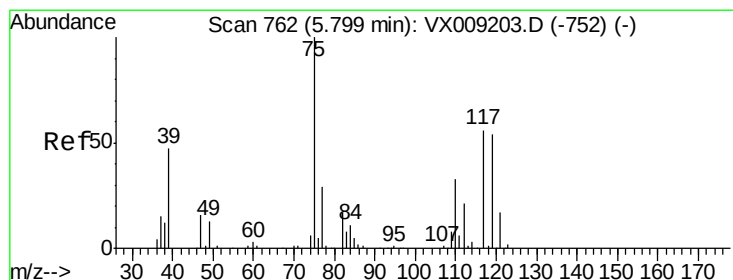
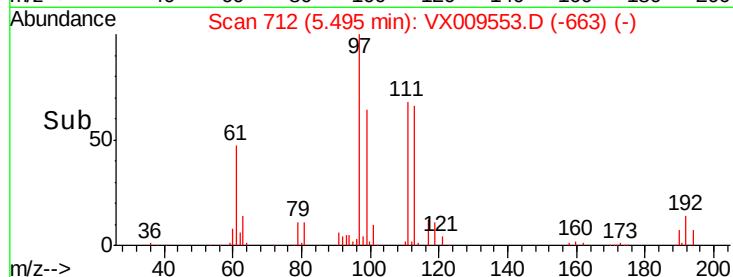
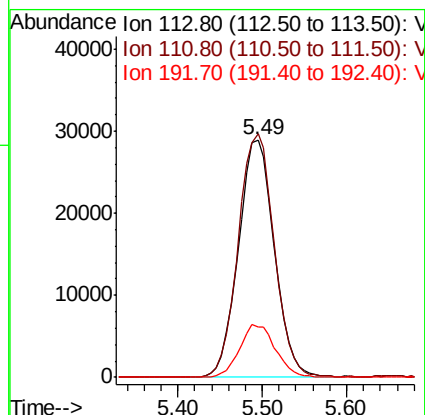
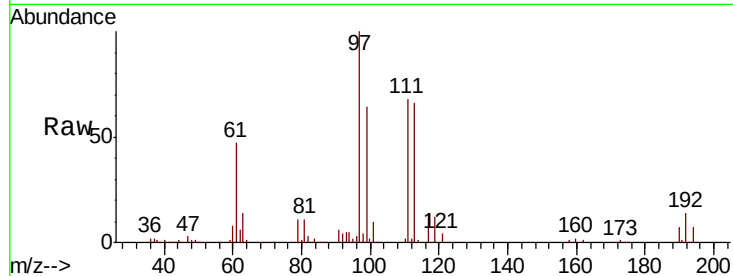




#35
 Dibromofluoromethane
 Concen: 47.917 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

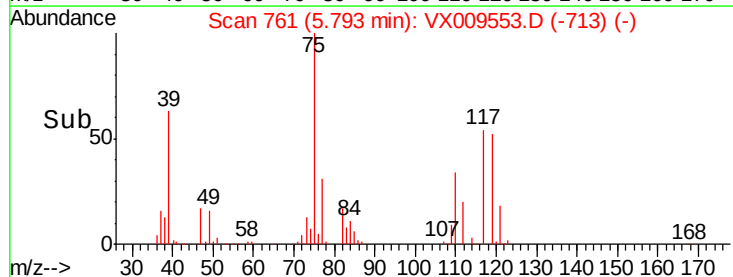
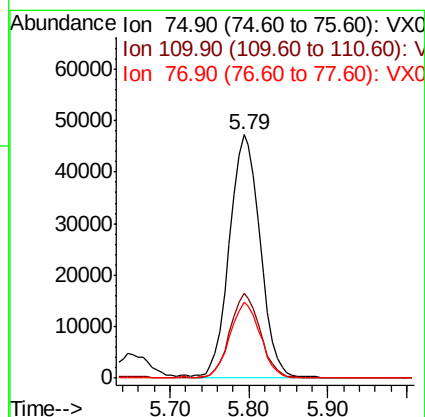
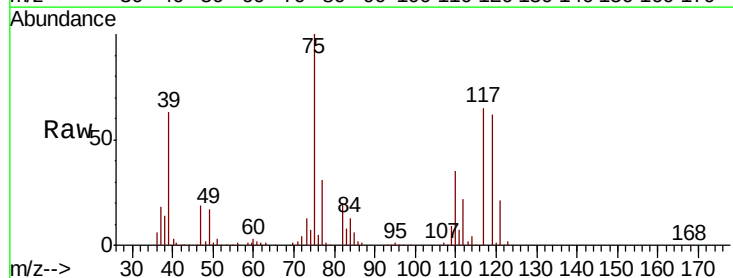
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

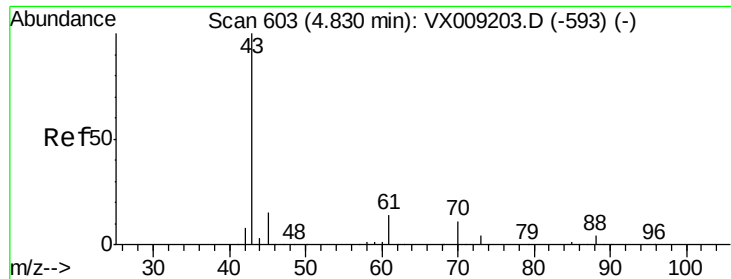
Tot Ion:113 Resp: 83452
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.8 124.2
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 49.635 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 75 Resp: 127791
 Ion Ratio Lower Upper
 75 100
 110 34.5 16.9 50.6
 77 31.2 24.8 37.2

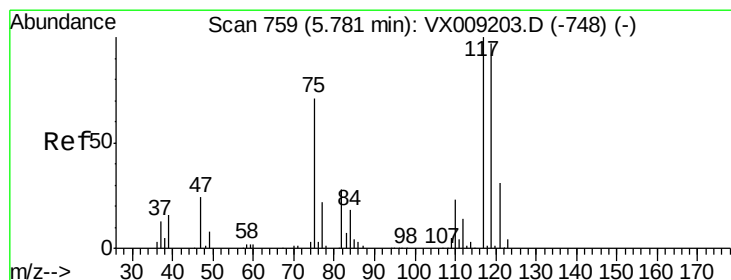
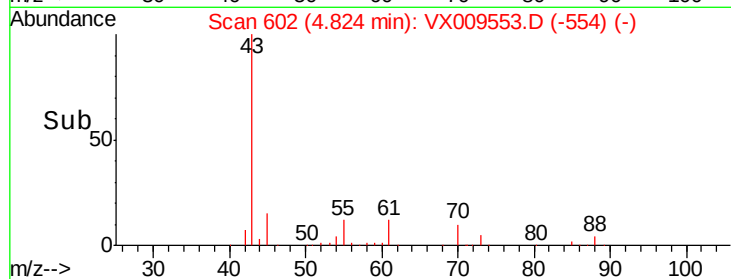
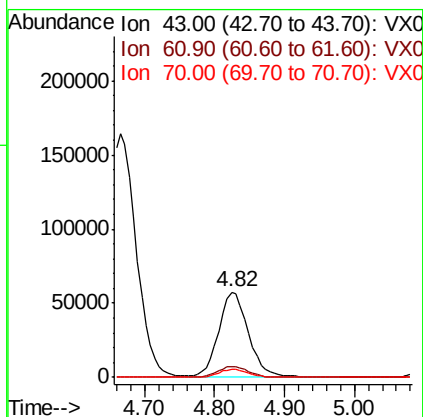
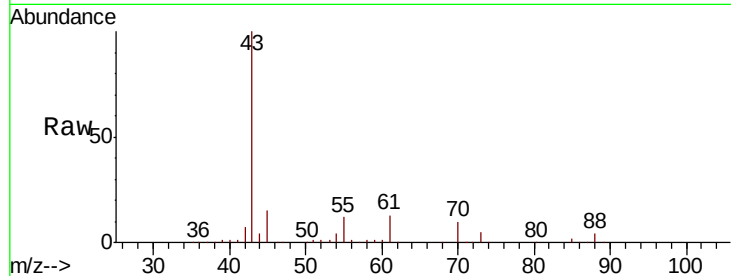




#37
Ethyl Acetate
Concen: 47.062 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

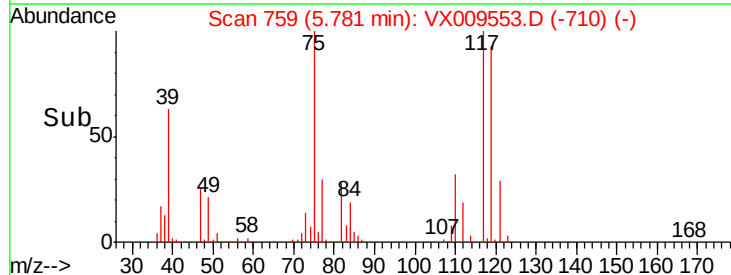
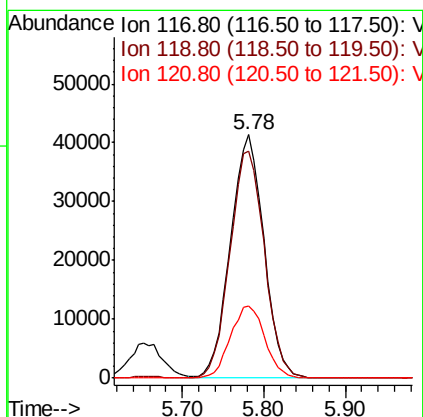
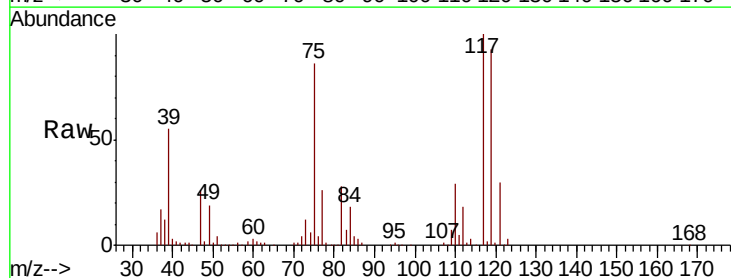
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

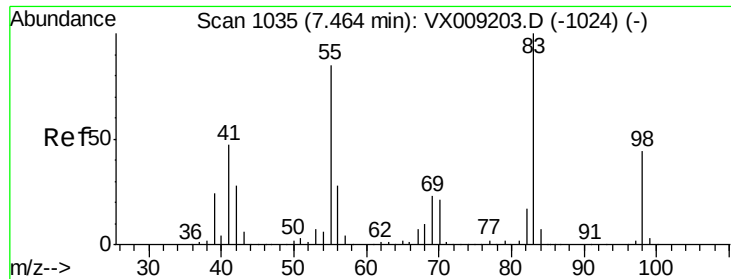
Tot Ion: 43 Resp: 168821
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.303 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 117 Resp: 117668
Ion Ratio Lower Upper
117 100
119 93.0 77.5 116.3
121 29.8 24.7 37.1

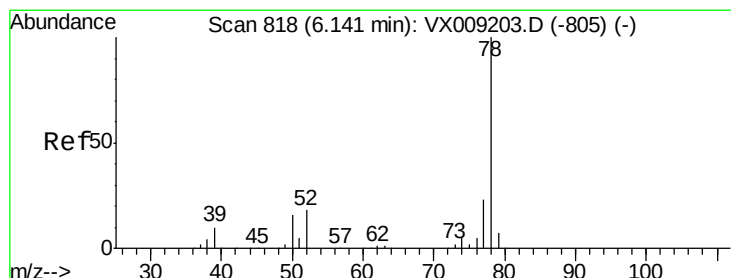
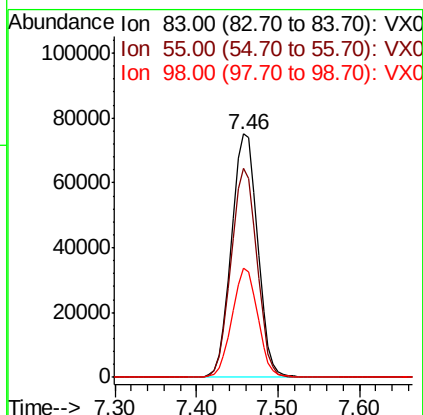
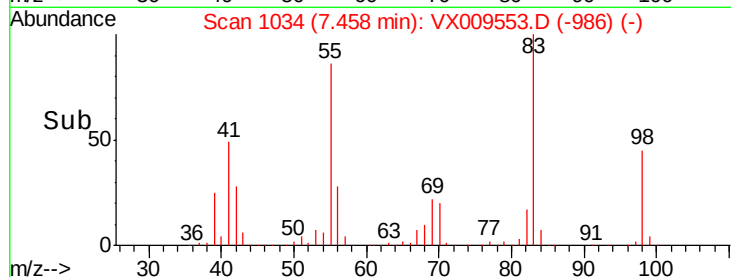
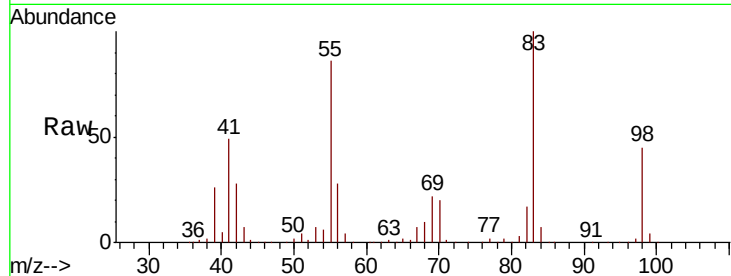




#39
Methylvlcyclohexane
Concen: 52.454 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

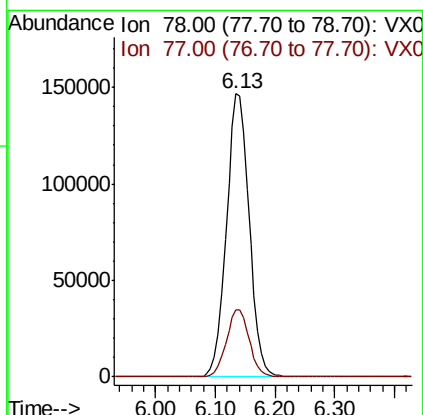
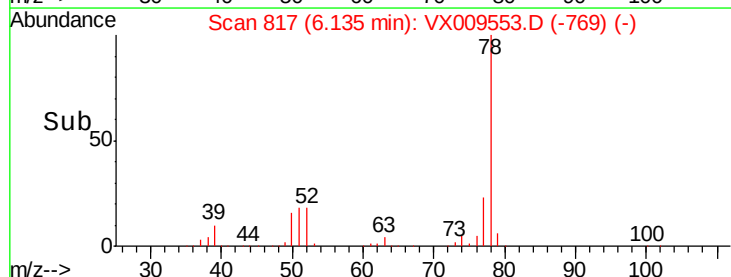
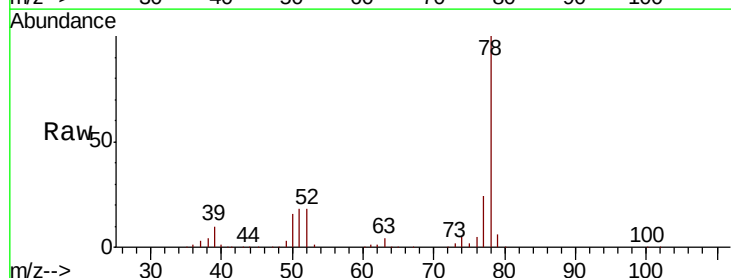
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

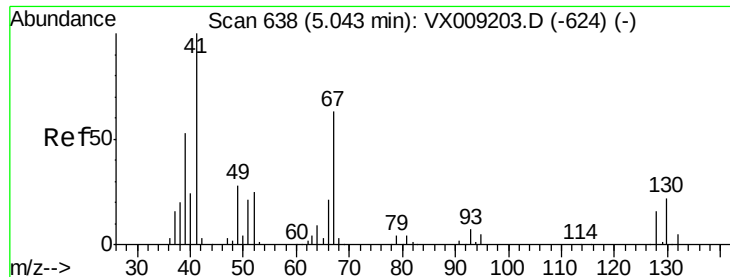
Tot Ion: 83 Resp: 165851
Ion Ratio Lower Upper
83 100
55 85.8 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 48.848 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 78 Resp: 389215
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41

Methacrylonitrile

Concen: 46.536 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 99371

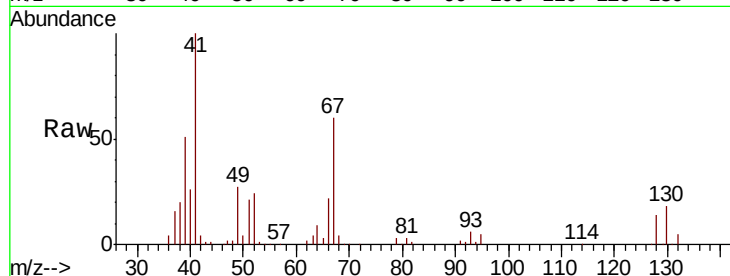
Ion Ratio Lower Upper

41 100

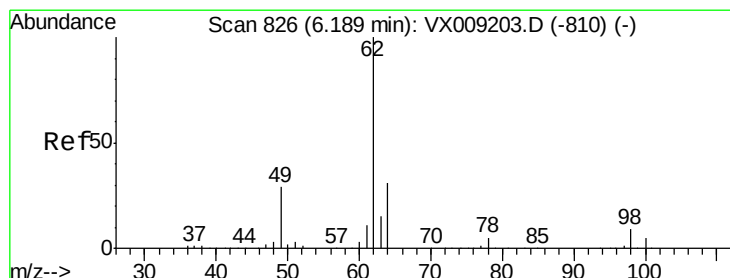
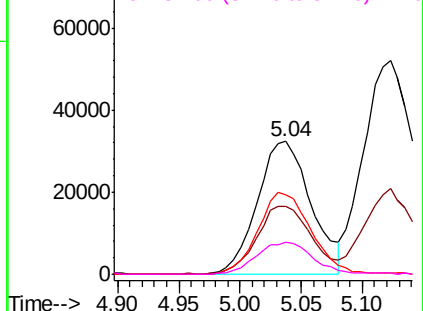
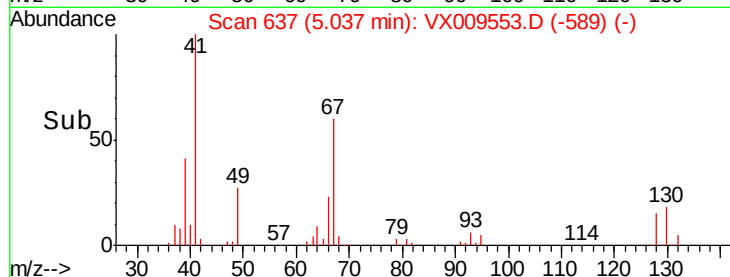
39 51.7 42.0 63.0

67 60.8 49.8 74.8

52 25.1 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: 48.721 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX009553.D

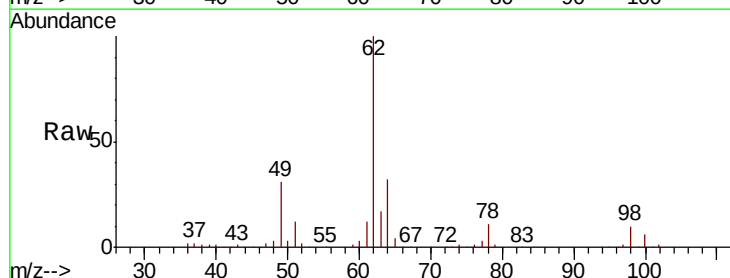
Acq: 14 May 2019 10:32

Tgt Ion: 62 Resp: 139256

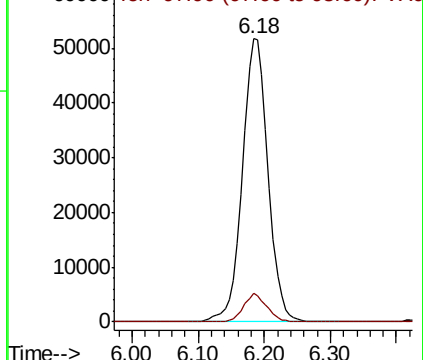
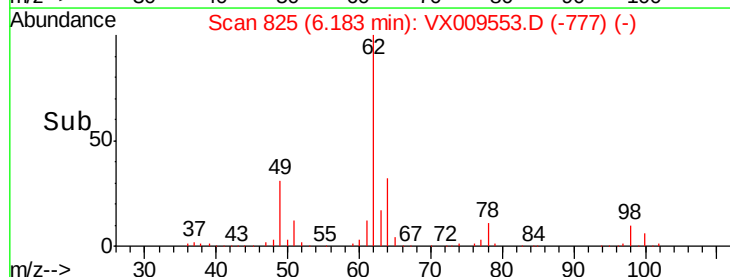
Ion Ratio Lower Upper

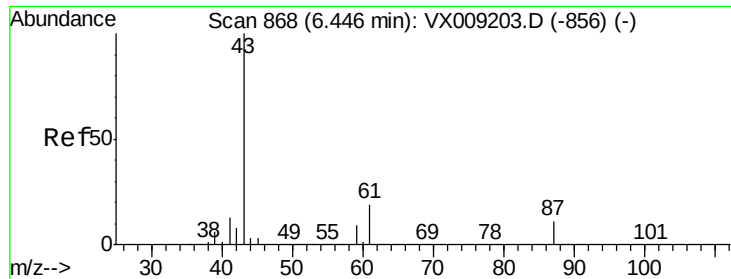
62 100

98 9.1 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: 47.687 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

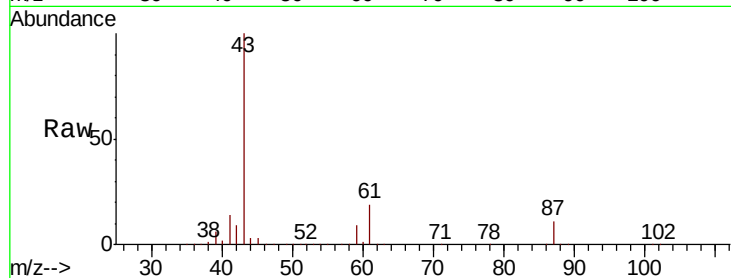
Tot Ion: 43 Resp: 273623

Ion Ratio Lower Upper

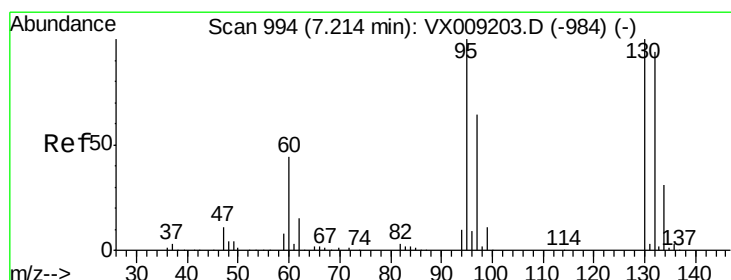
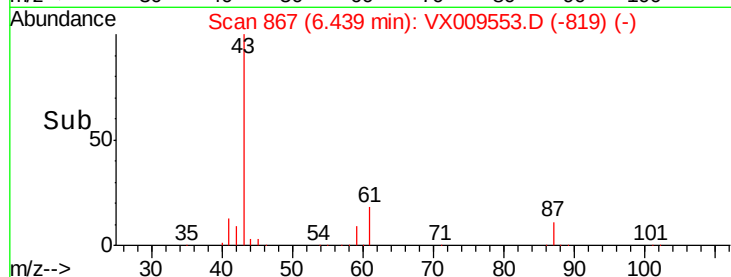
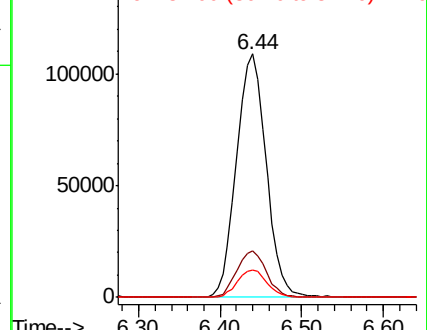
43 100

61 19.0 15.1 22.7

87 11.3 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: 49.449 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009553.D

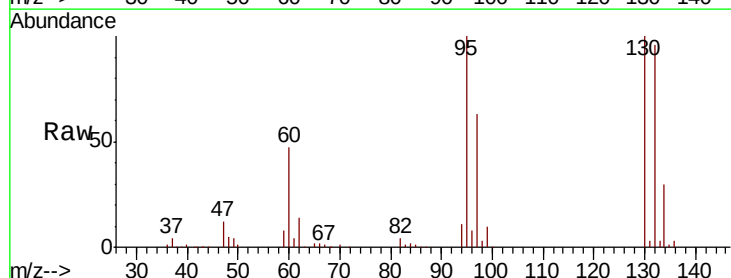
Acq: 14 May 2019 10:32

Tgt Ion:130 Resp: 95251

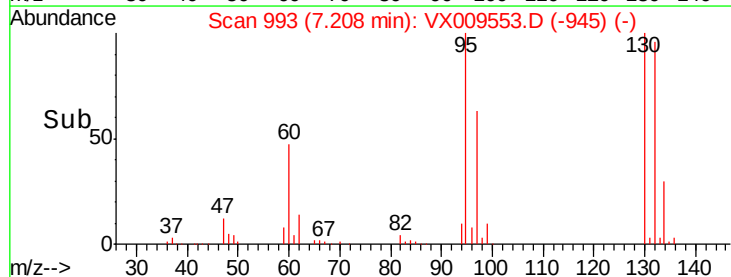
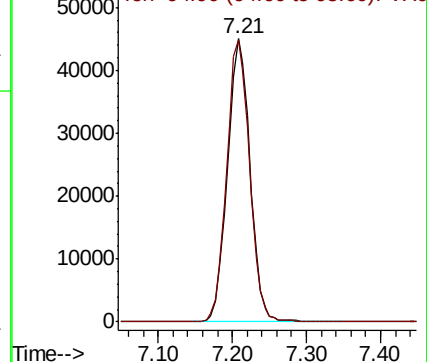
Ion Ratio Lower Upper

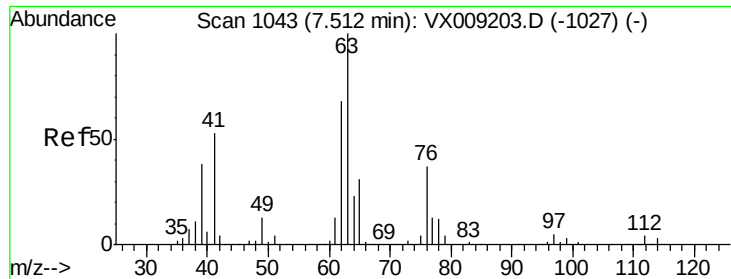
130 100

95 99.8 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: 48.974 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

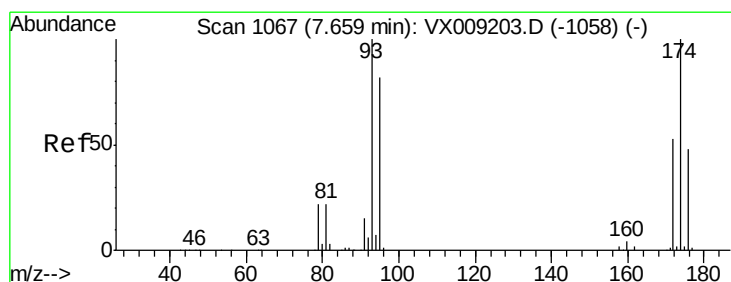
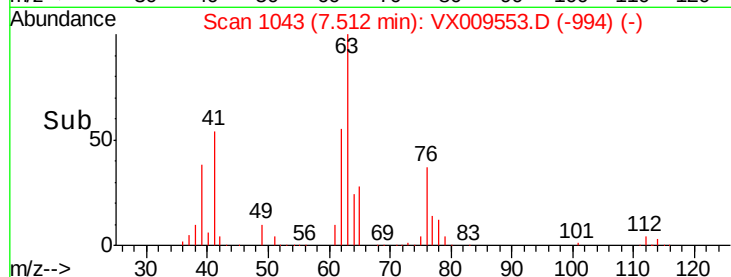
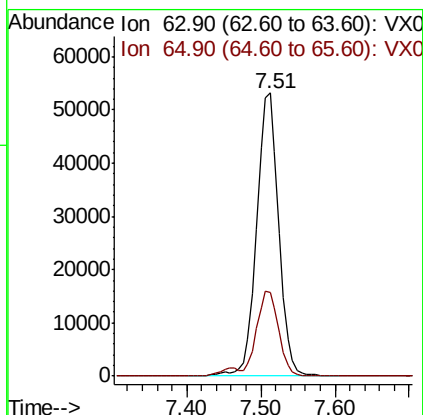
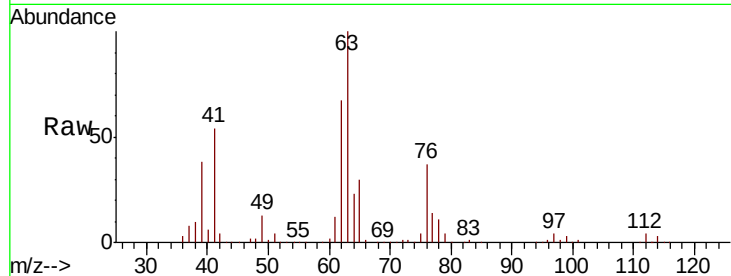
VSTDCCC050

Tot Ion: 63 Resp: 110495

Ion Ratio Lower Upper

63 100

65 29.5 25.0 37.6



#46

Dibromomethane

Concen: 48.463 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

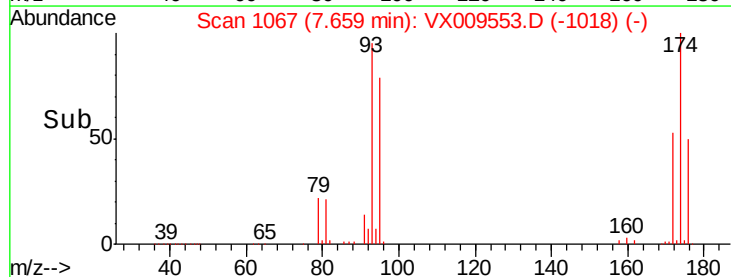
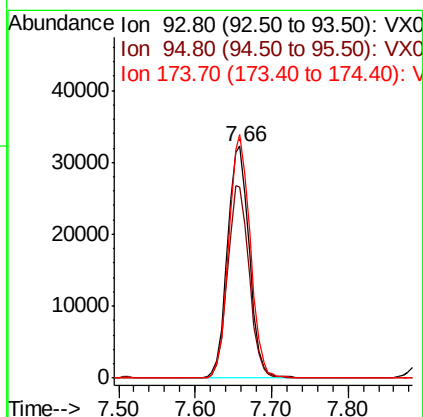
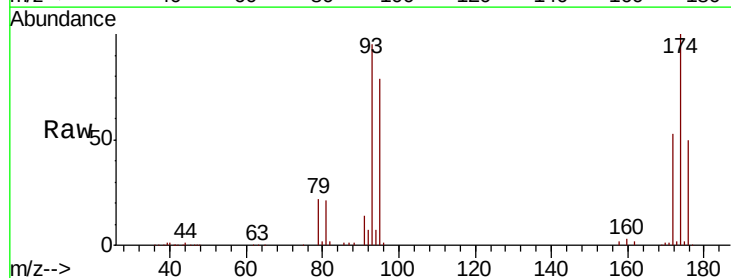
Tgt Ion: 93 Resp: 63496

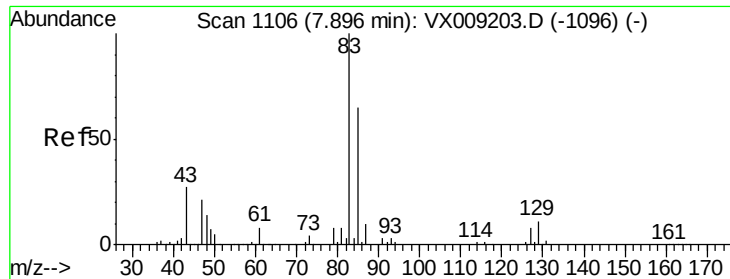
Ion Ratio Lower Upper

93 100

95 82.0 66.5 99.7

174 103.5 82.1 123.1





#47

Bromodichloromethane

Concen: 49.554 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

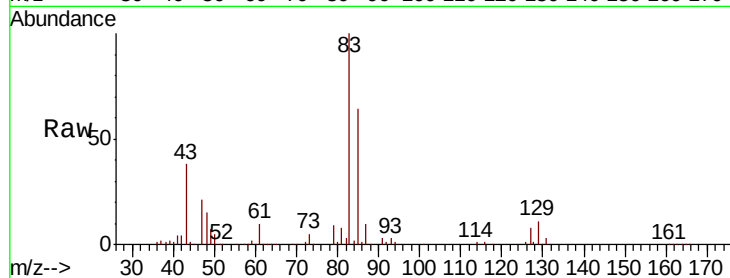
Tot Ion: 83 Resp: 129510

Ion Ratio Lower Upper

83 100

85 63.6 52.4 78.6

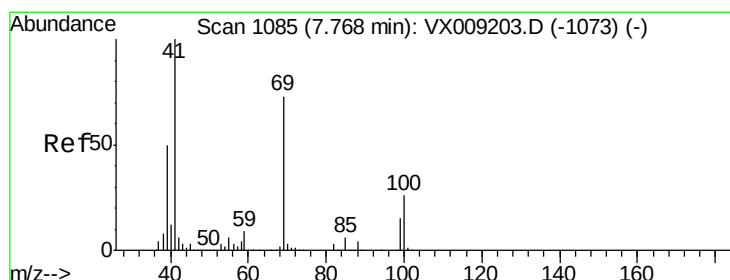
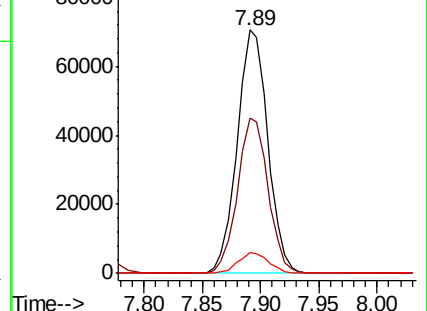
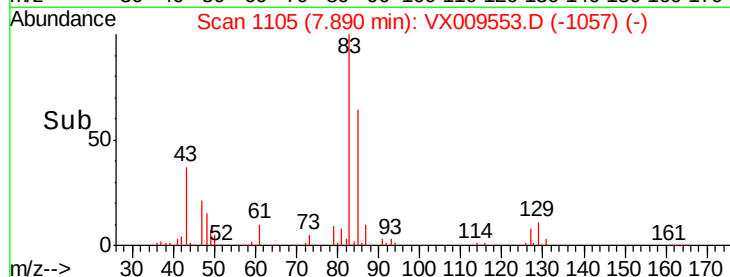
127 8.4 6.6 10.0



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: 48.767 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

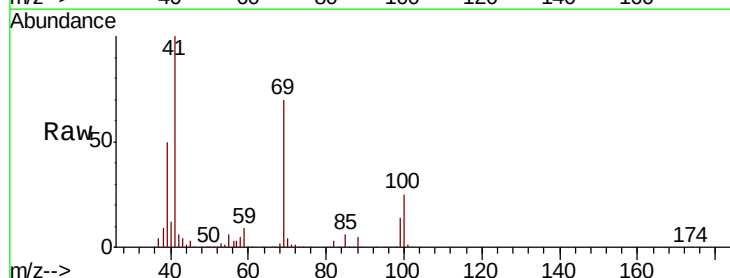
Tgt Ion: 41 Resp: 138824

Ion Ratio Lower Upper

41 100

69 73.1 59.1 88.7

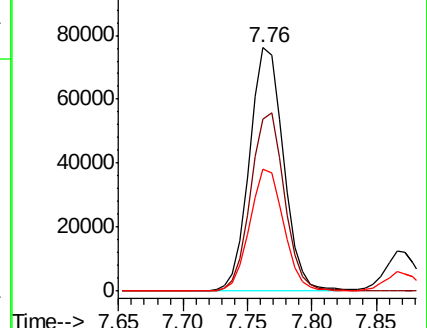
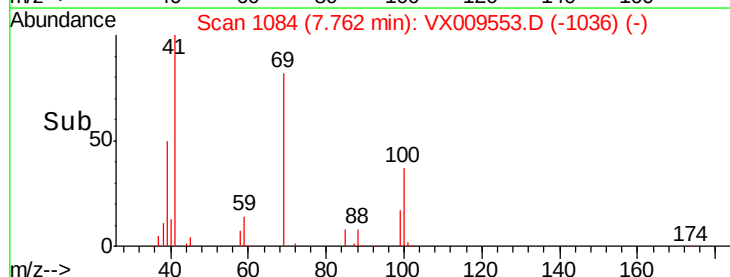
39 50.2 40.4 60.6

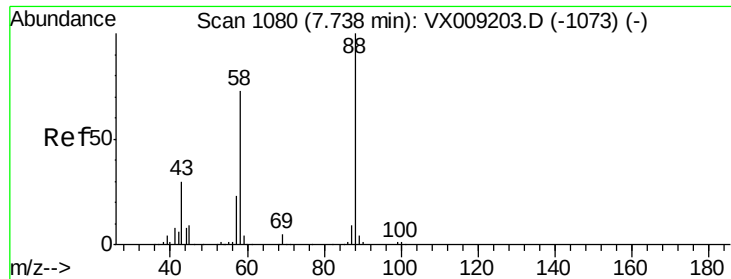


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 860.321 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

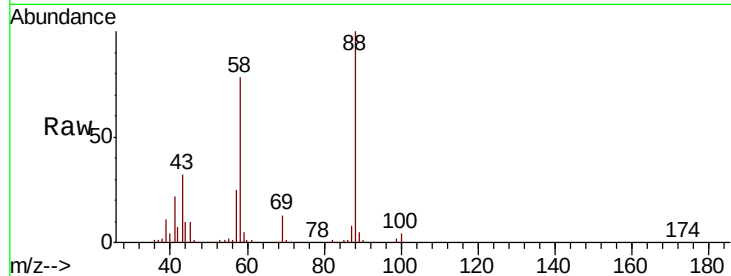
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 49667

Ion	Ratio	Lower	Upper
88	100		
43	37.4	28.6	42.8
58	79.4	61.7	92.5

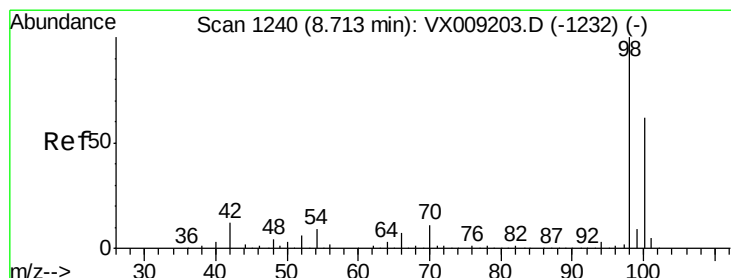
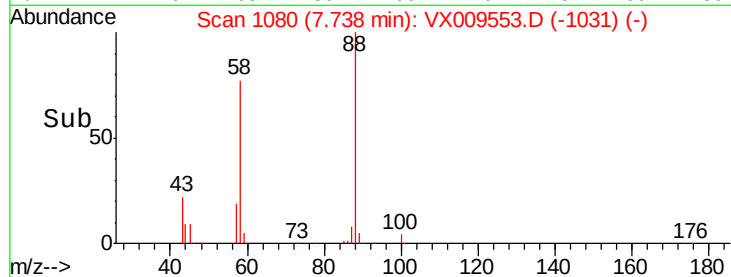
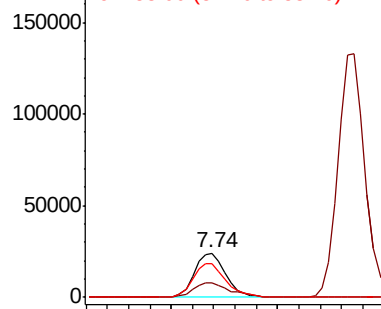


Abundance

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: 47.814 ug/l

RT: 8.71 min Scan# 1240

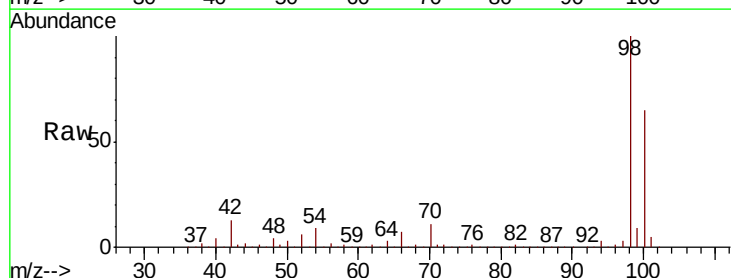
Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Tgt Ion: 98 Resp: 336195

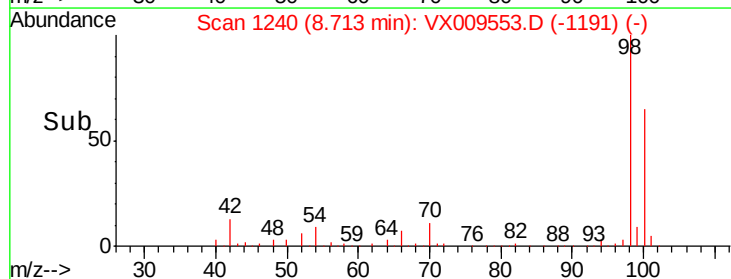
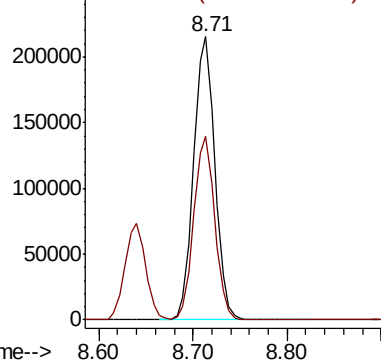
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

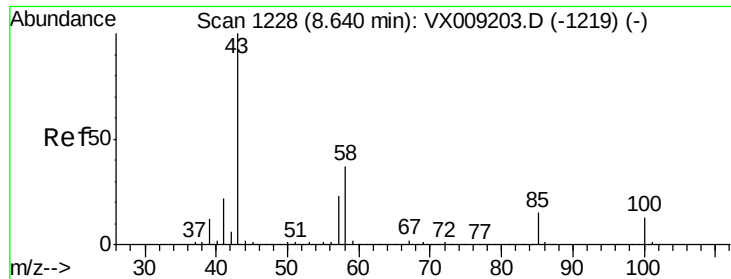


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 240.241 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

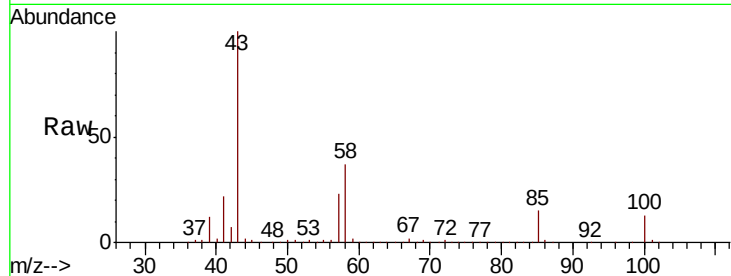
VSTDCCC050

Tot Ion: 43 Resp: 901000

Ion Ratio Lower Upper

43 100

58 36.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

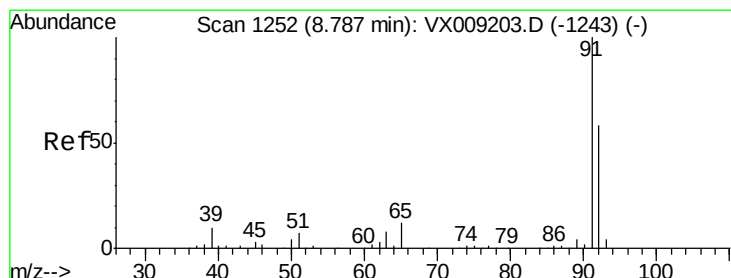
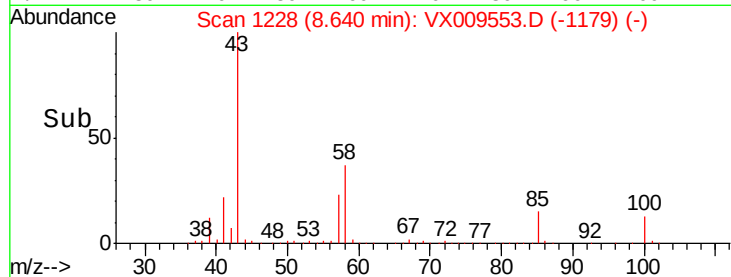
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.867 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009553.D

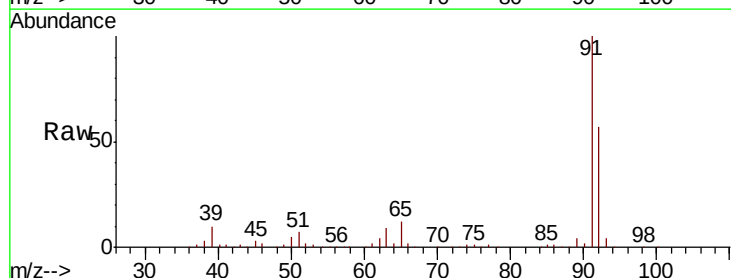
Acq: 14 May 2019 10:32

Tgt Ion: 92 Resp: 241531

Ion Ratio Lower Upper

92 100

91 172.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

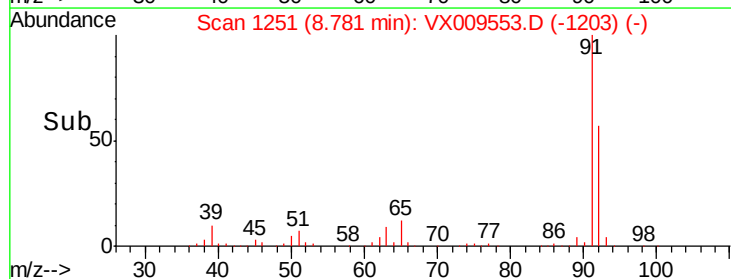
150000

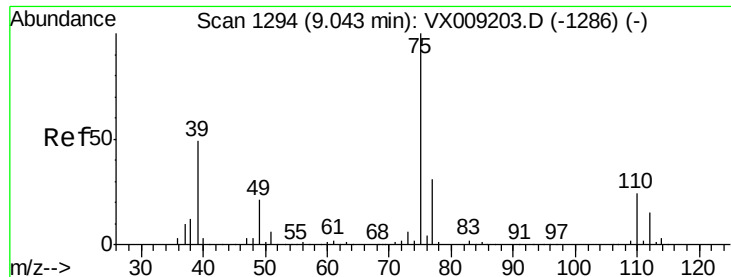
100000

50000

0

Time--> 8.70 8.80 8.90

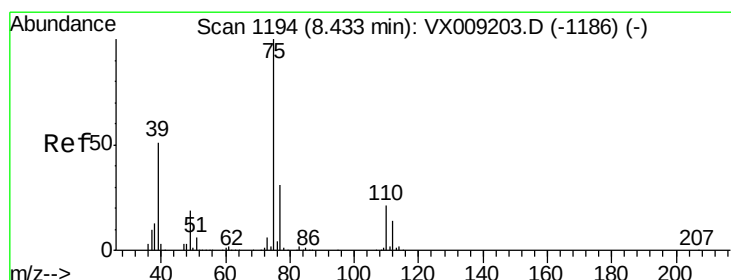
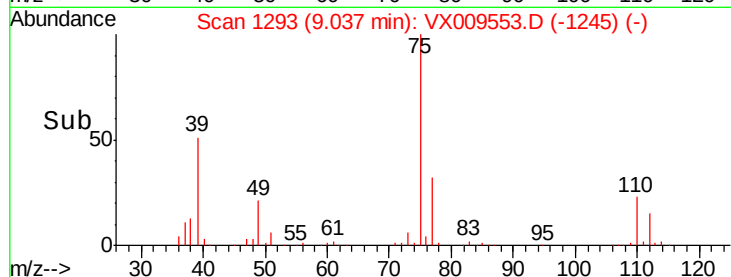
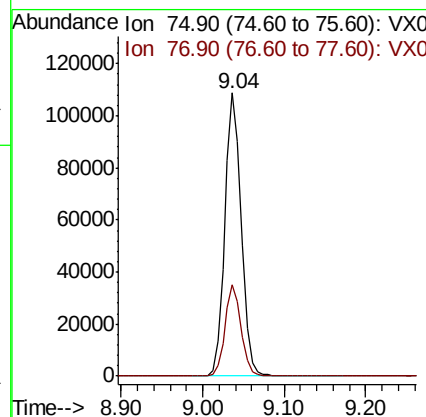
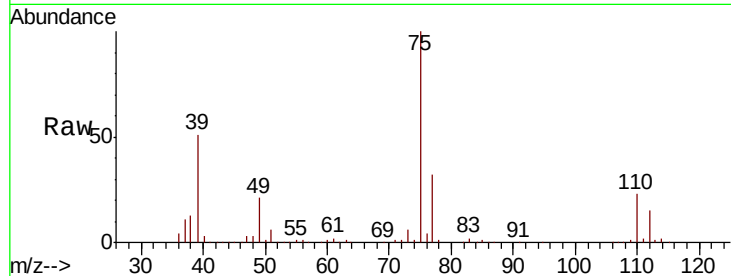




#53
t-1,3-Dichloropropene
Concen: 51.853 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

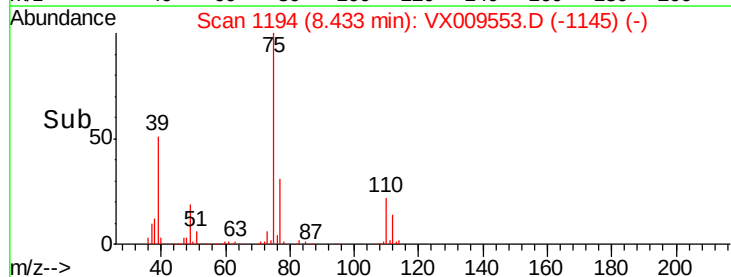
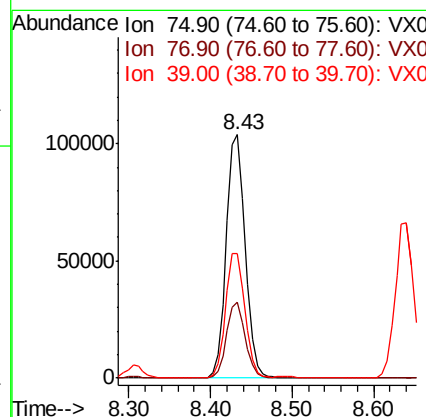
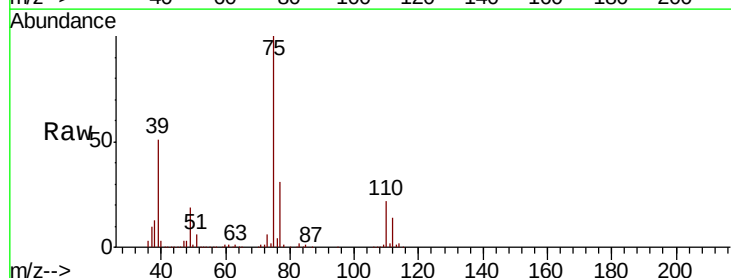
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

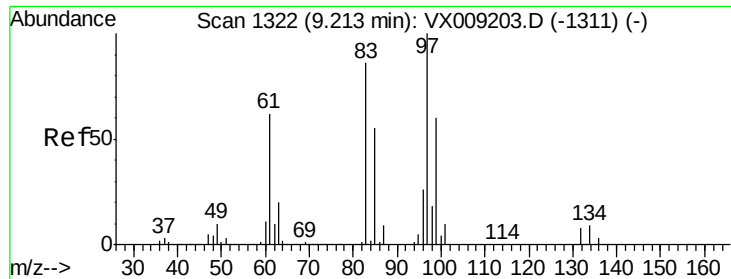
Tot Ion: 75 Resp: 153001
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.385 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 75 Resp: 167820
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 51.1 40.6 60.8

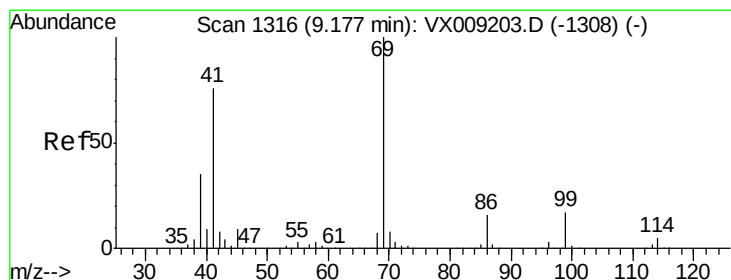
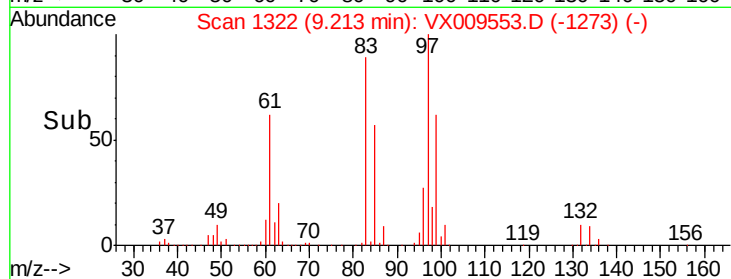
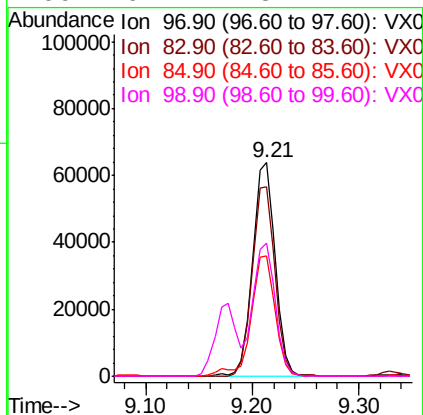
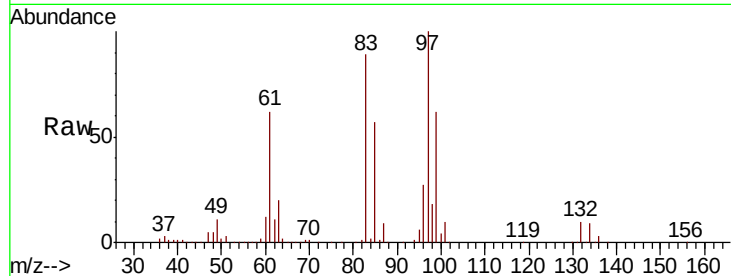




#55
 1,1,2-Trichloroethane
 Concen: 48.219 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

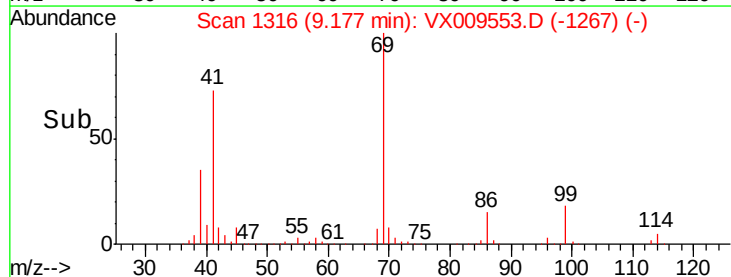
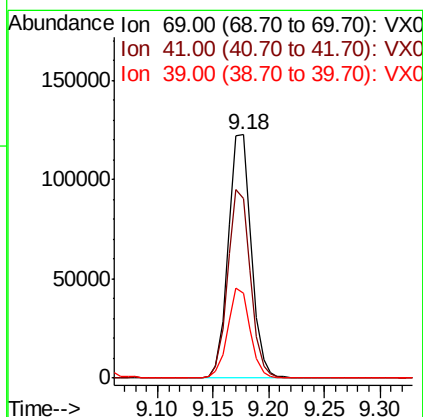
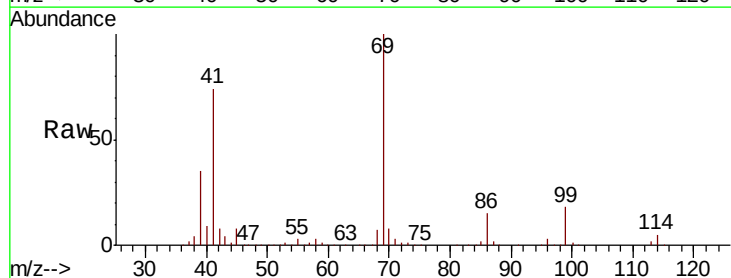
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

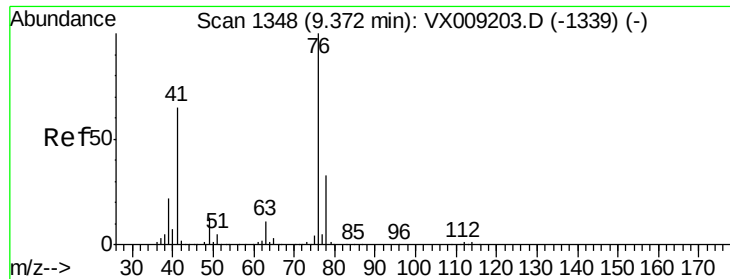
Tot Ion:	97	Resp:	95282
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.9	103.3
85	56.5	43.8	65.6
99	62.1	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 49.682 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion:	69	Resp:	175244
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.6	90.8
39	35.9	28.2	42.4

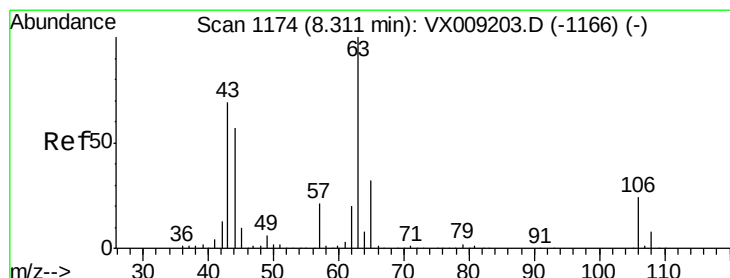
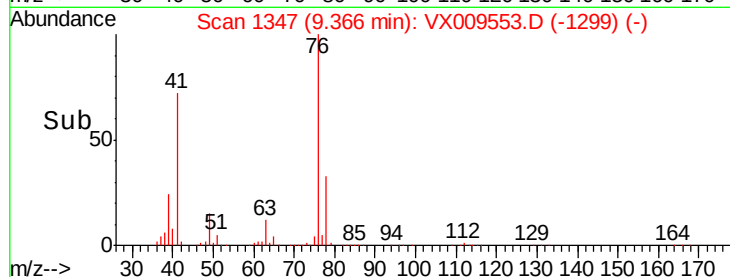
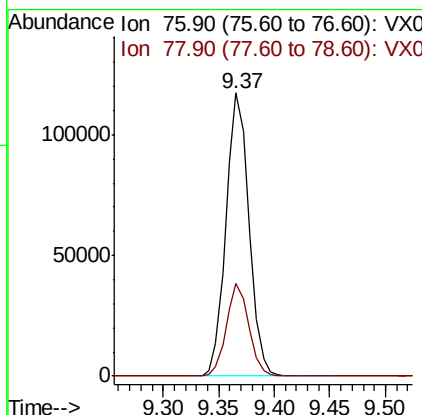
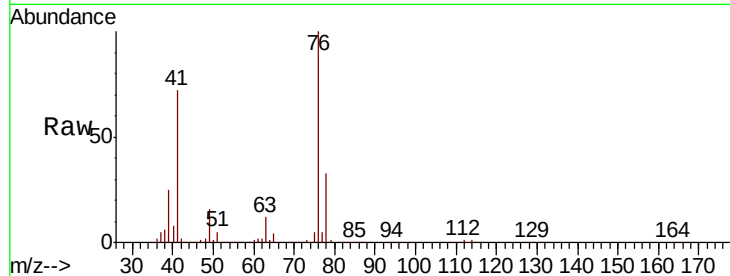




#57
 1,3-Dichloropropane
 Concen: 48.324 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

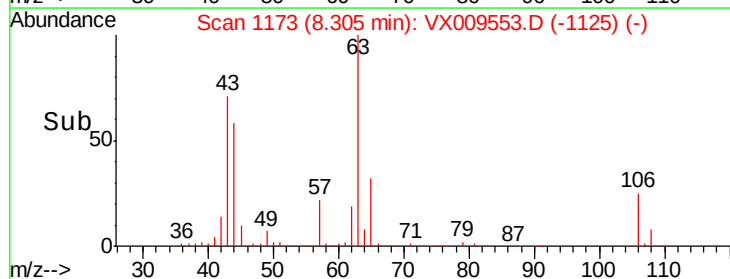
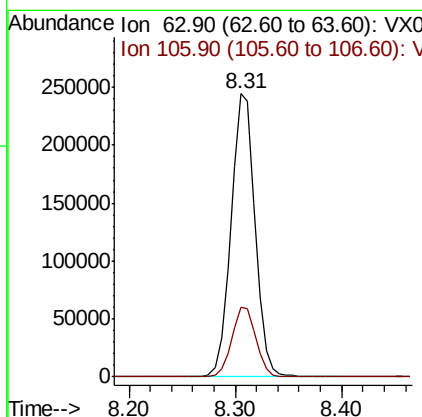
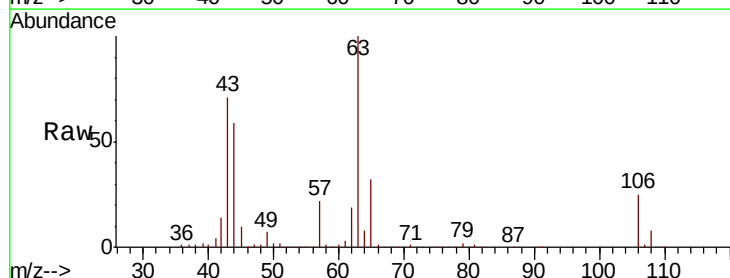
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

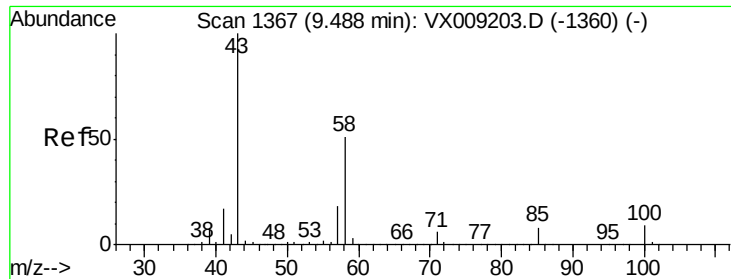
Tot Ion: 76 Resp: 168037
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.479 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 63 Resp: 386367
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

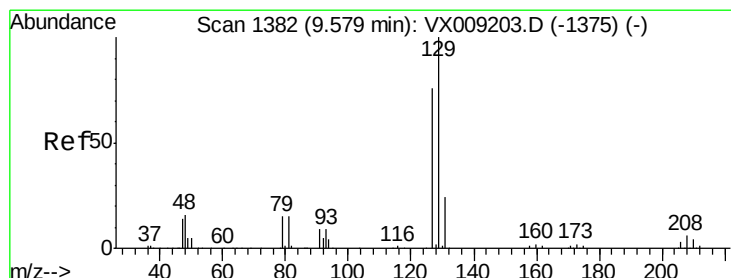
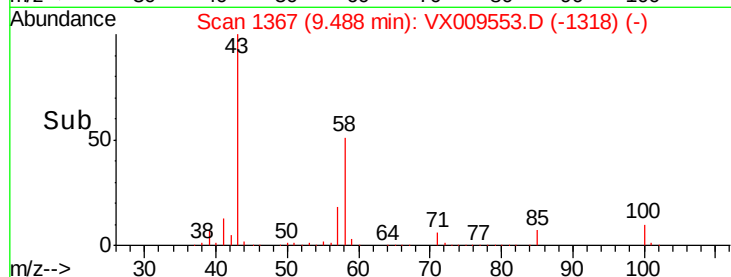
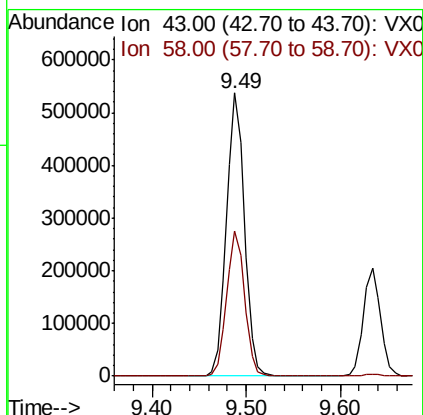
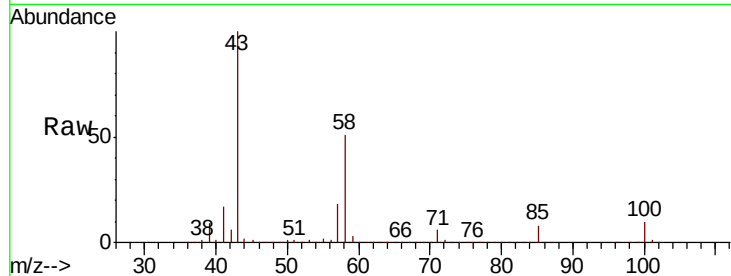




#59
2-Hexanone
Concen: 242.057 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

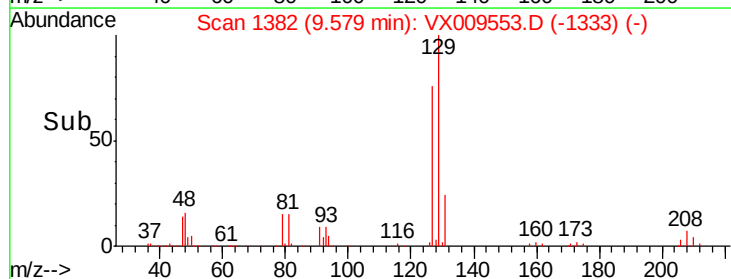
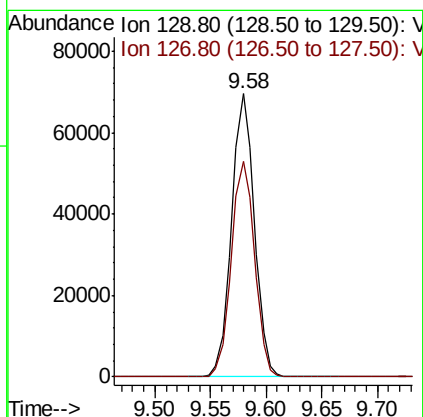
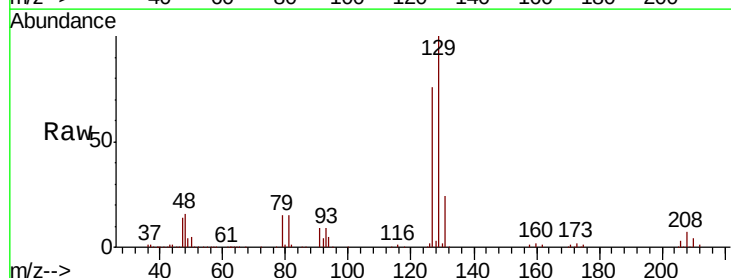
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

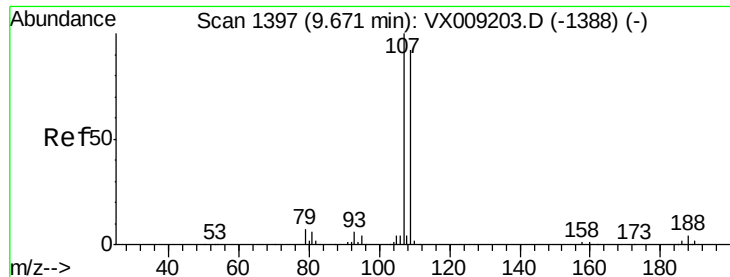
Tot Ion: 43 Resp: 712984
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7



#60
Dibromochloromethane
Concen: 51.027 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 129 Resp: 98479
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.126 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

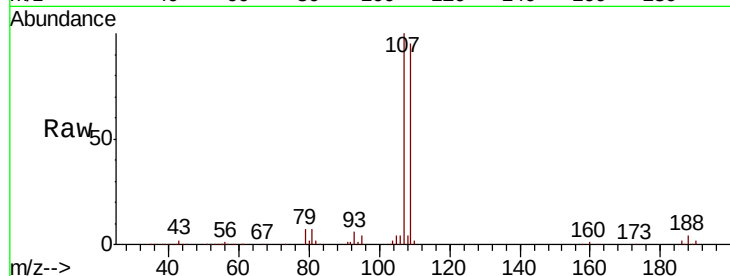
VSTDCCC050

Tot Ion:107 Resp: 97990

Ion Ratio Lower Upper

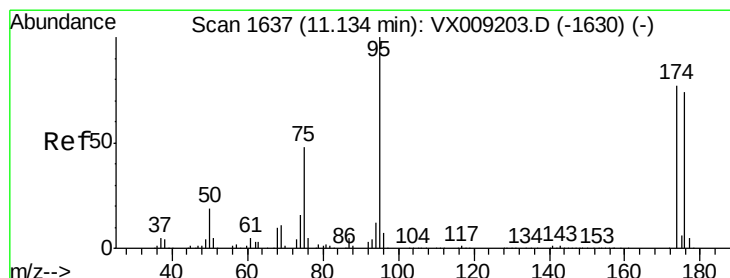
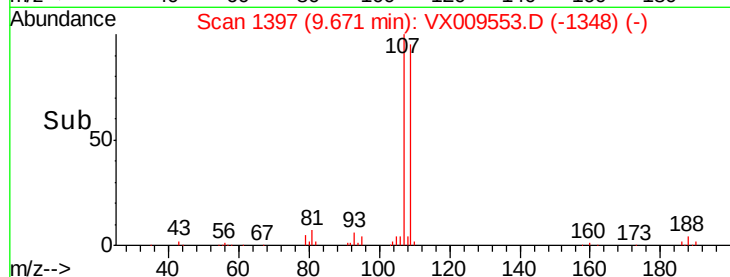
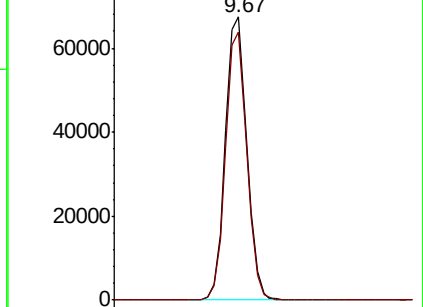
107 100

109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

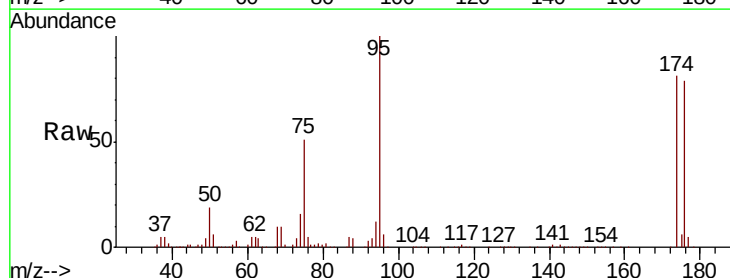
Tgt Ion: 95 Resp: 127020

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

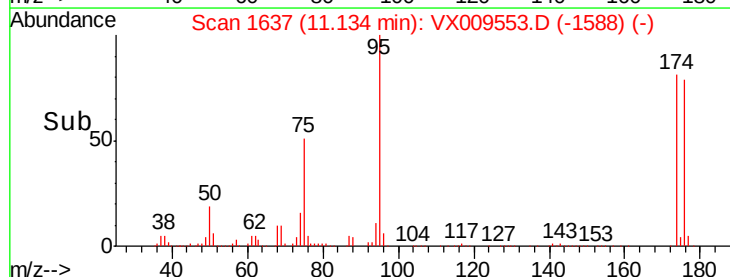
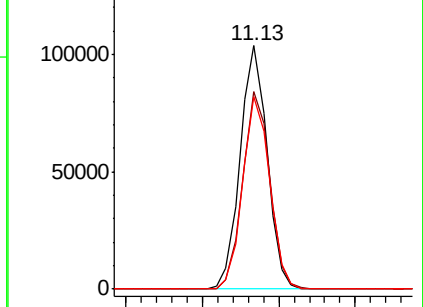
176 79.2 0.0 159.2

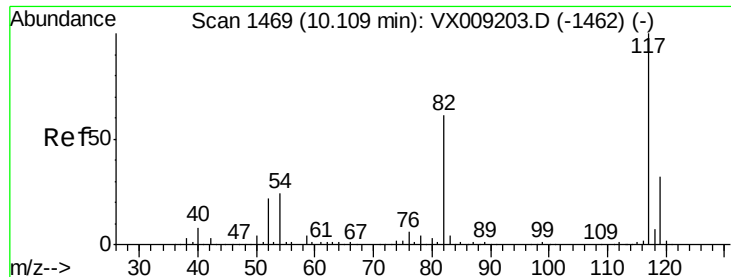


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

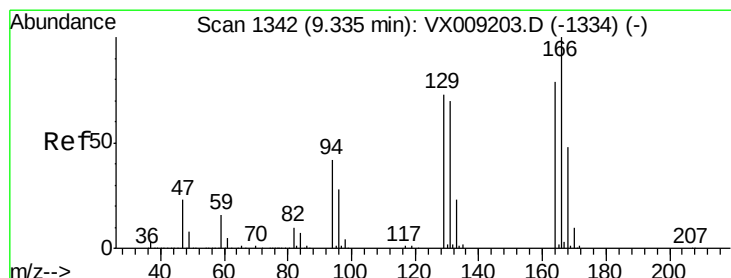
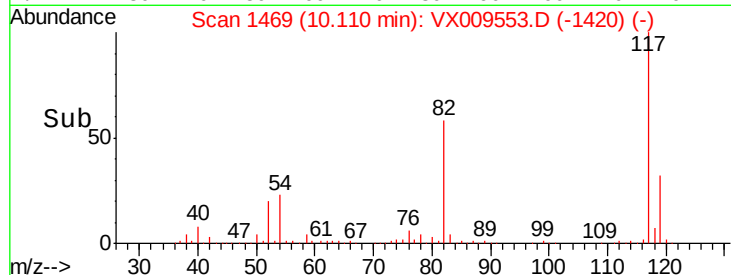
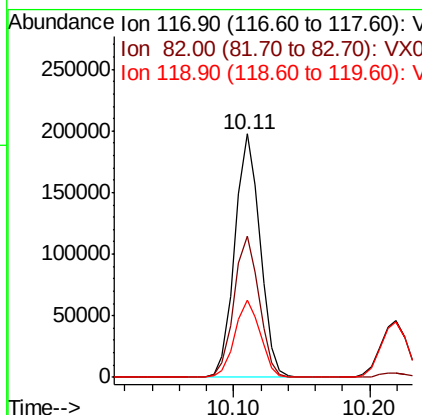
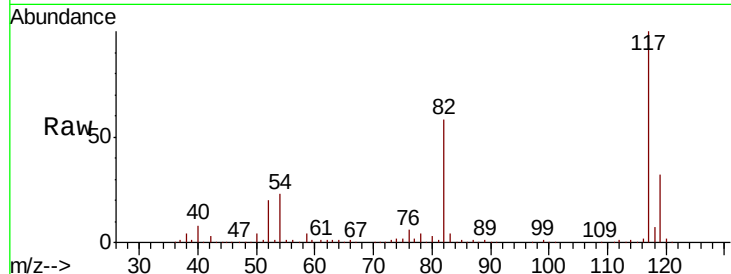




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

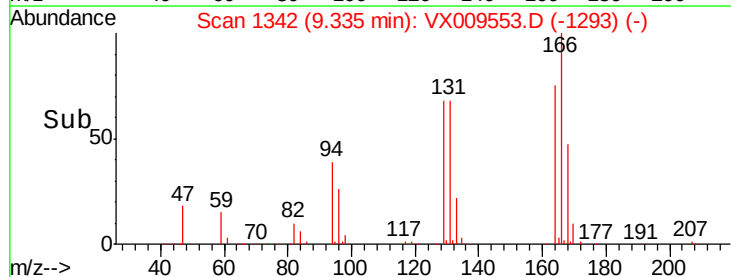
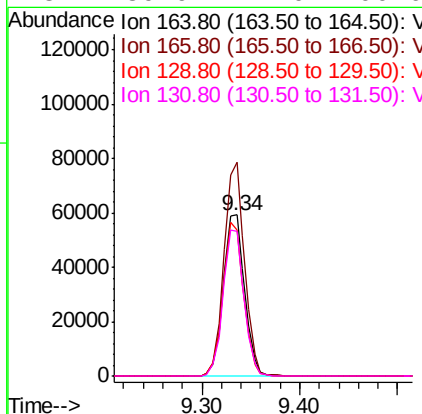
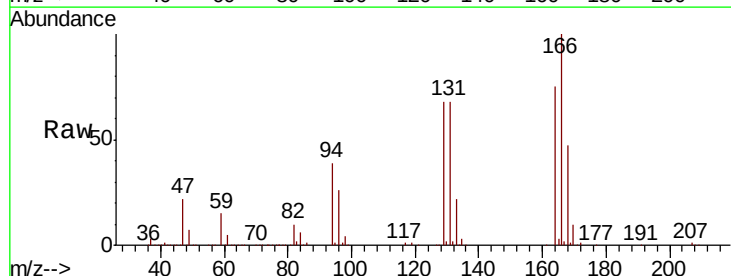
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

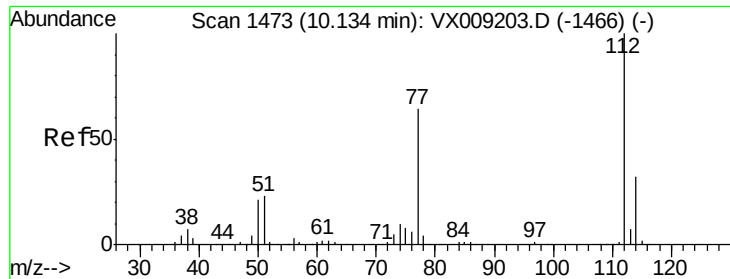
Tot Ion:117 Resp: 254778
Ion Ratio Lower Upper
117 100
82 57.8 48.8 73.2
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 51.280 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion:164 Resp: 89621
Ion Ratio Lower Upper
164 100
166 132.8 101.2 151.8
129 90.7 74.3 111.5
131 89.9 71.0 106.6

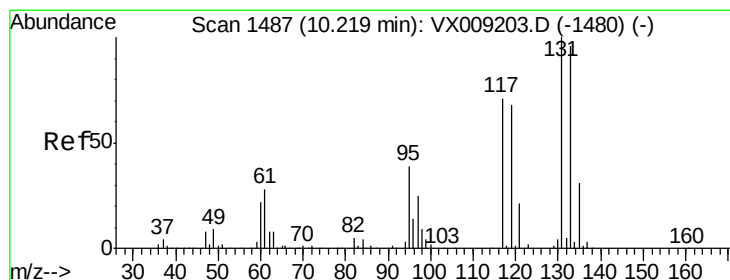
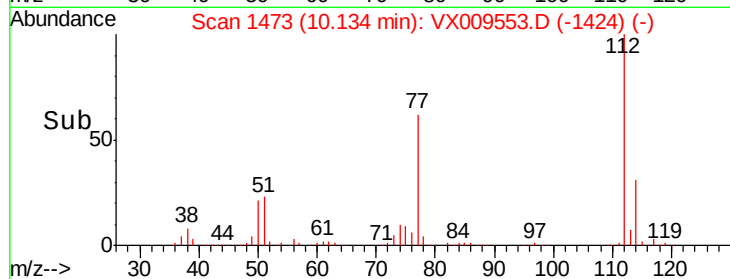
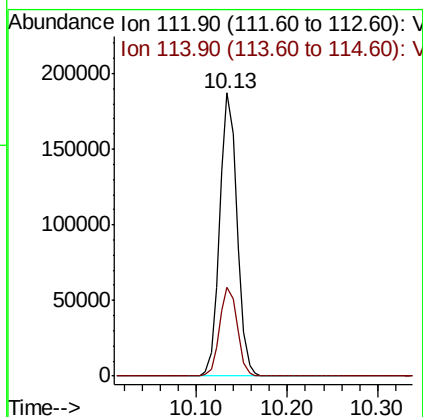
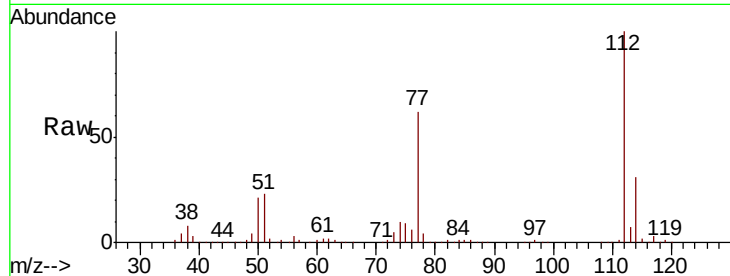




#65
Chlorobenzene
Concen: 49.163 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

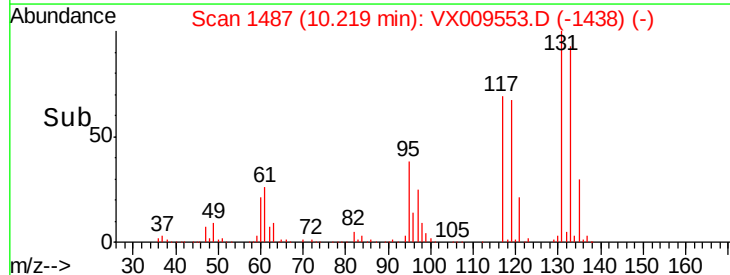
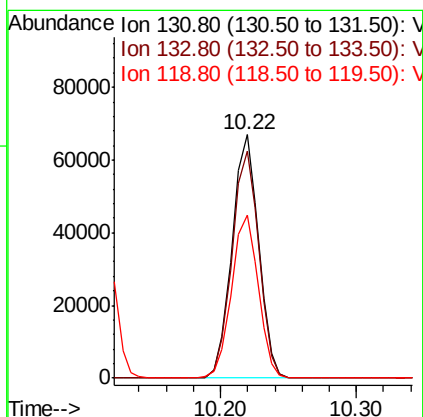
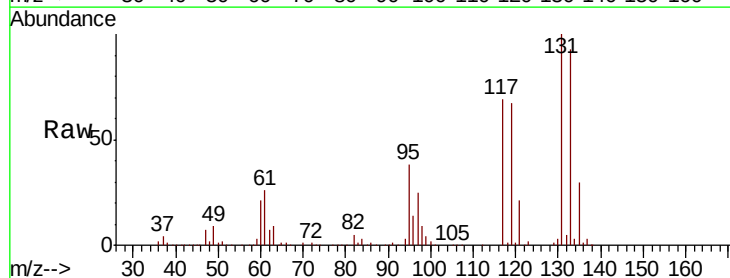
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

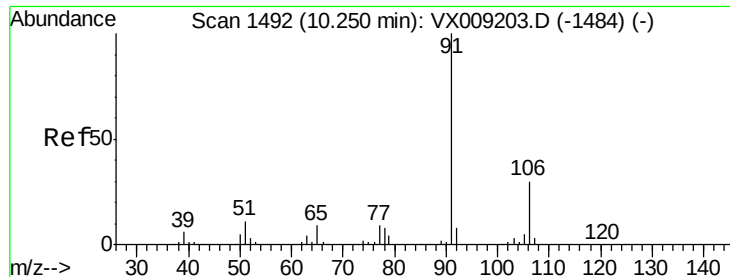
Tot Ion:112 Resp: 250571
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.299 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion:131 Resp: 91094
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 67.5 33.5 100.4

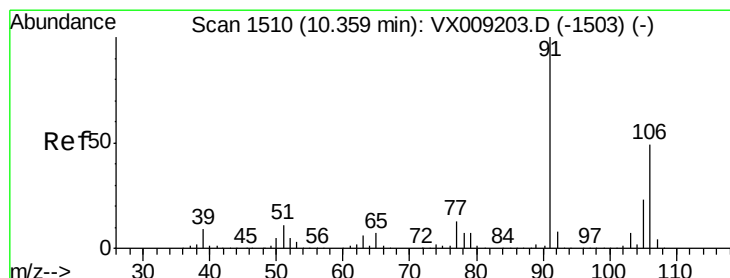
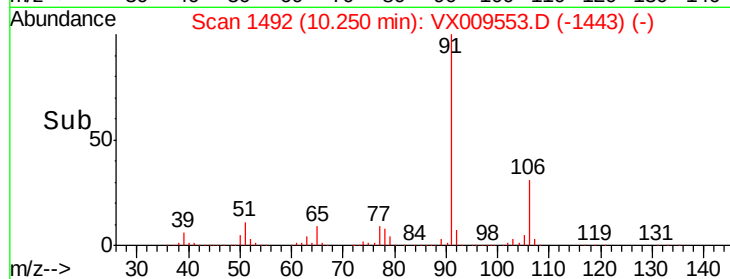
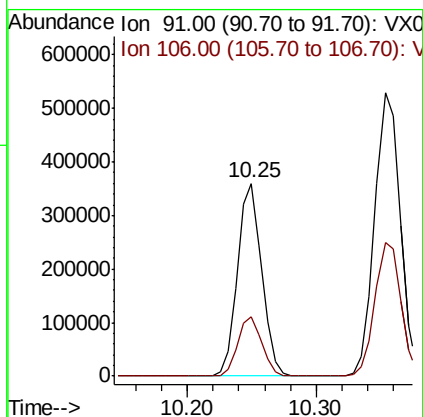
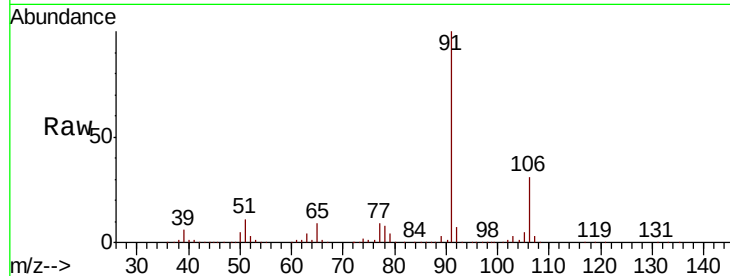




#67
Ethyl Benzene
Concen: 50.002 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

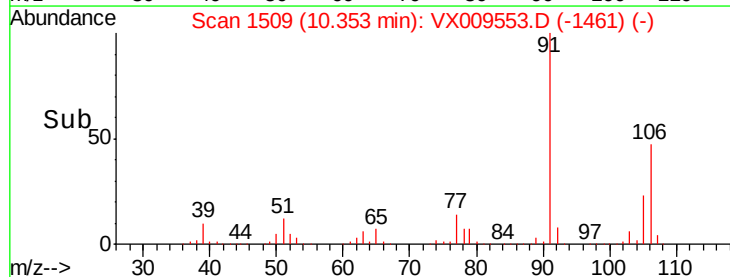
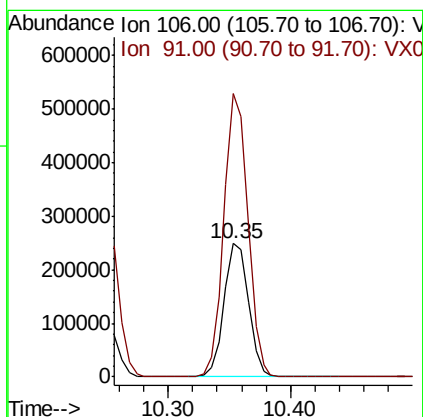
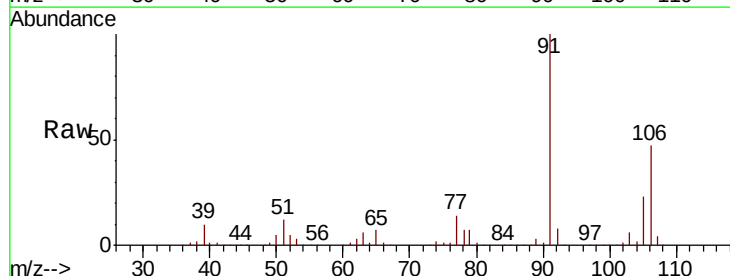
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

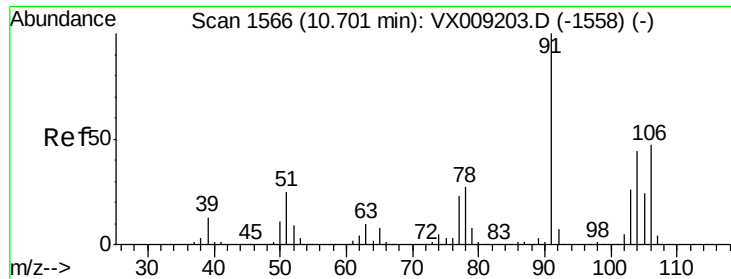
Tot Ion: 91 Resp: 469015
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 100.811 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion: 106 Resp: 345549
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0

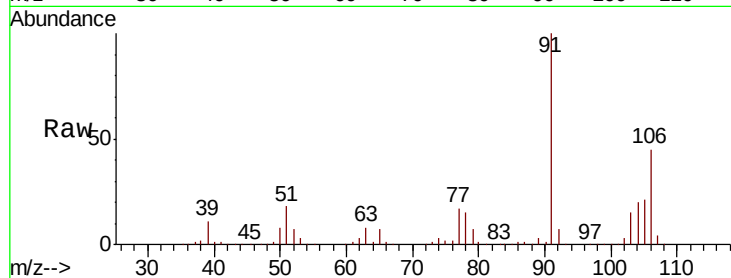




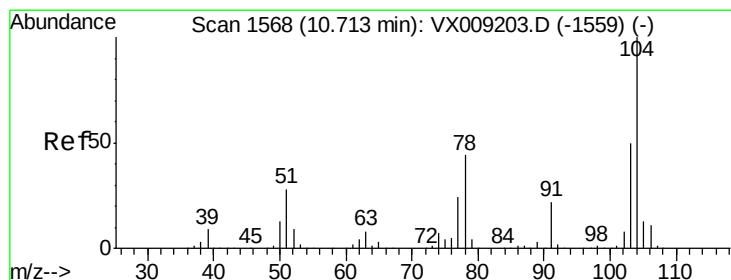
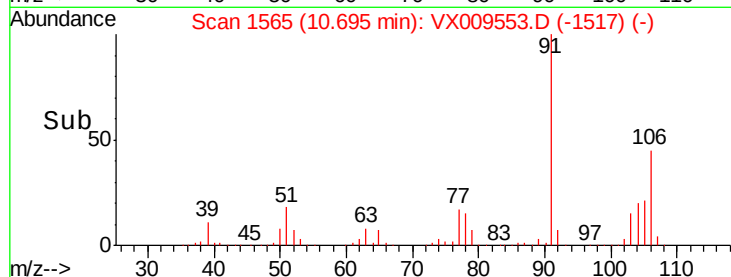
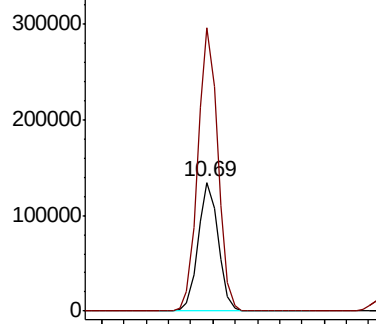
#69
o-Xylene
Concen: 49.462 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 167279
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4

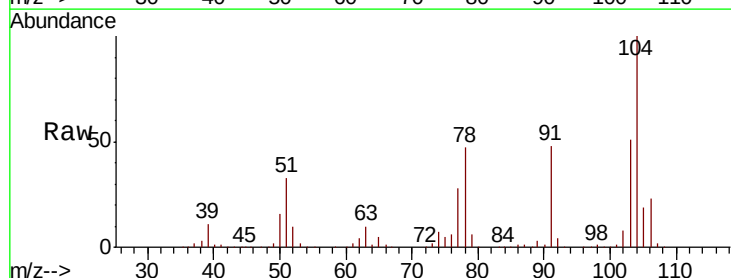


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

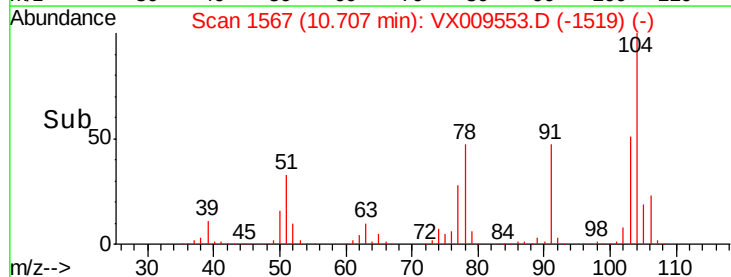
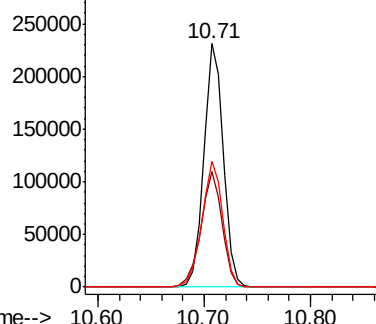


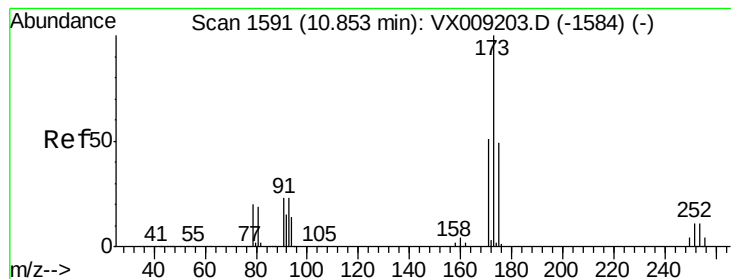
#70
Styrene
Concen: 50.582 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion:104 Resp: 297325
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 55.3 43.8 65.6



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





#71

Bromoform

Concen: 50.815 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

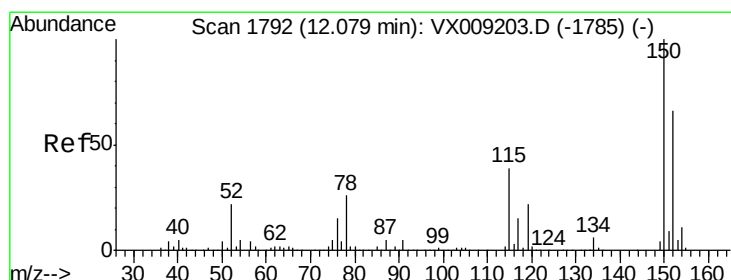
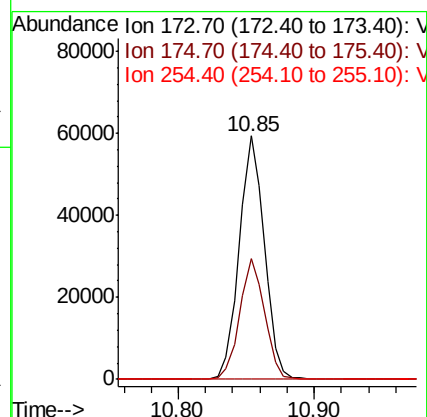
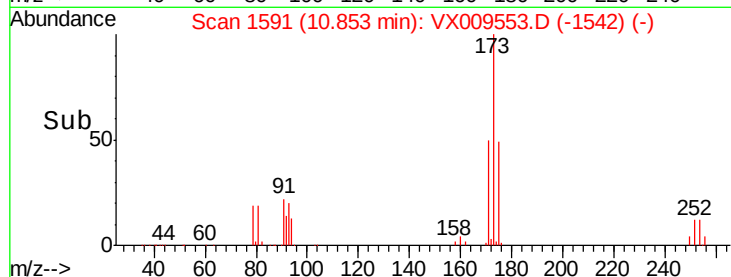
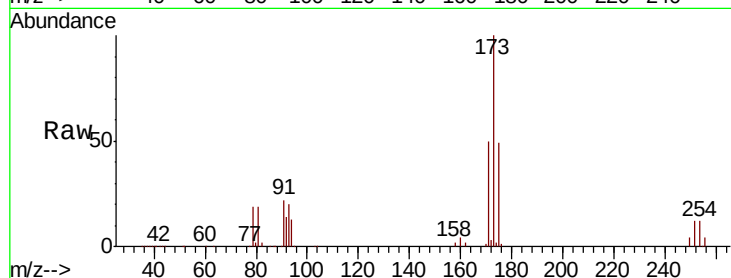
Tot Ion:173 Resp: 76304

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

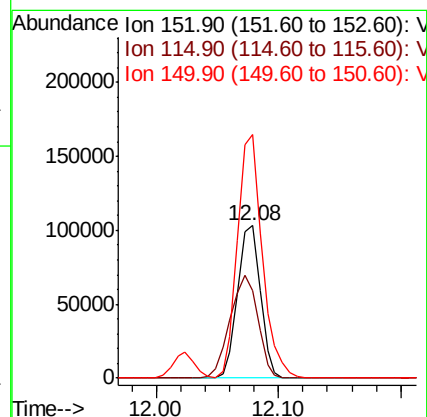
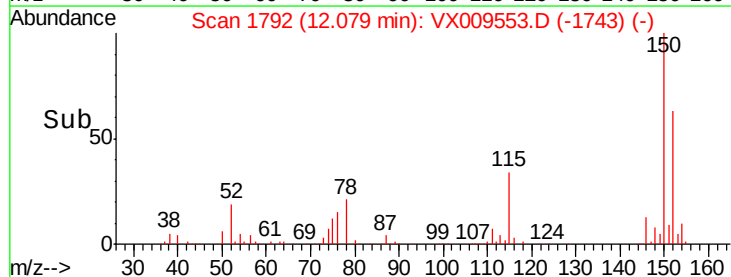
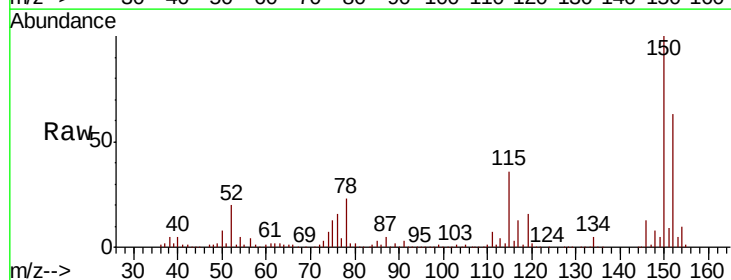
Tgt Ion:152 Resp: 132705

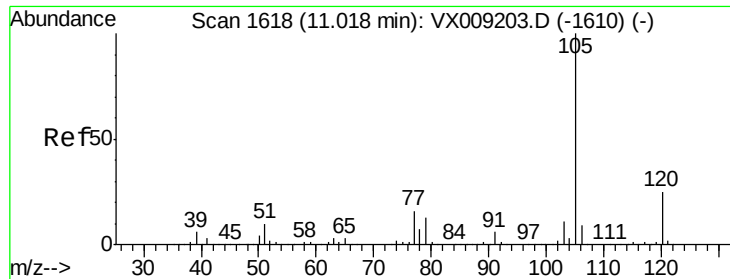
Ion Ratio Lower Upper

152 100

115 82.3 41.2 123.6

150 173.1 0.0 346.4





#73

Isopropylbenzene

Concen: 47.071 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

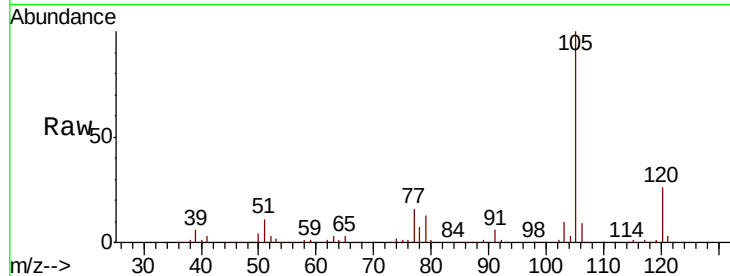
VSTDCCC050

Tot Ion:105 Resp: 454243

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

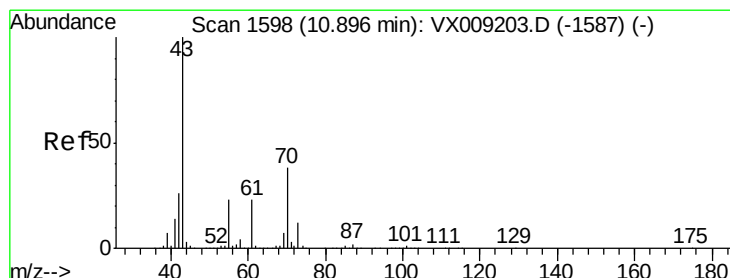
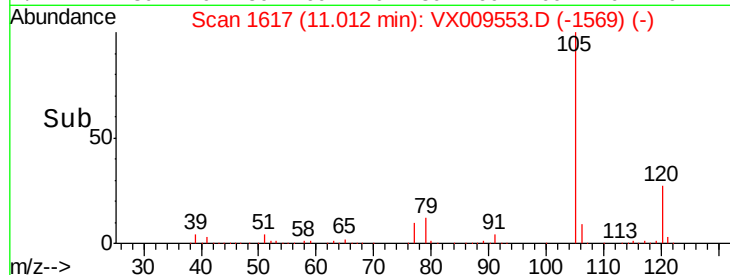
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 46.237 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Tgt Ion: 43 Resp: 260138

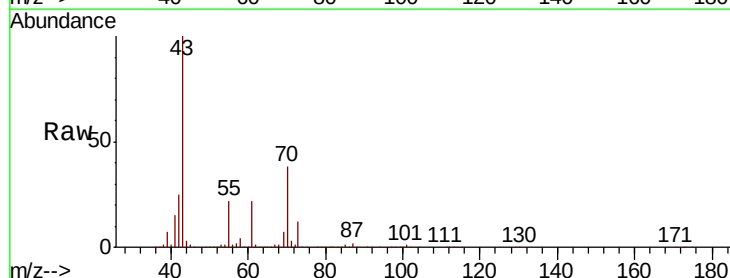
Ion Ratio Lower Upper

43 100

70 36.8 30.0 45.0

55 22.5 17.9 26.9

61 22.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

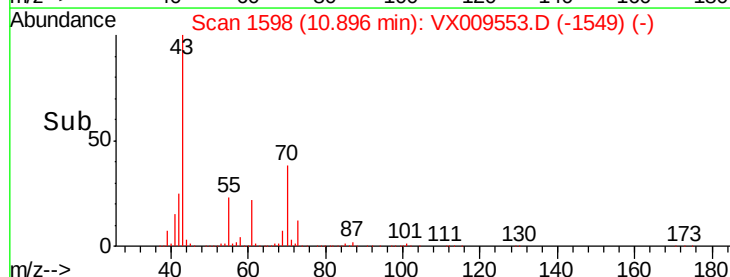
300000

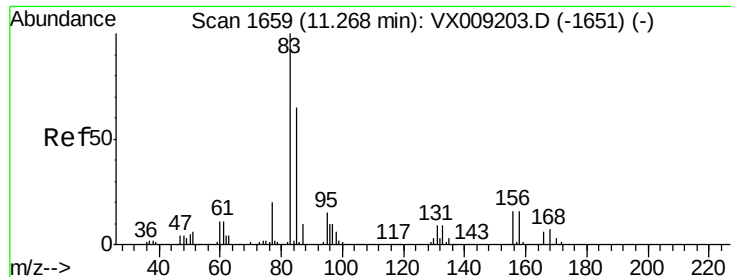
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 43.765 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

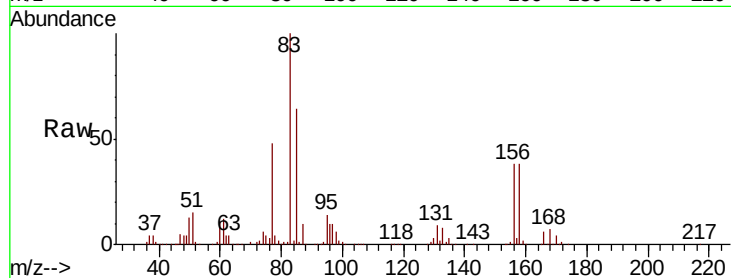
Tot Ion: 83 Resp: 157440

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

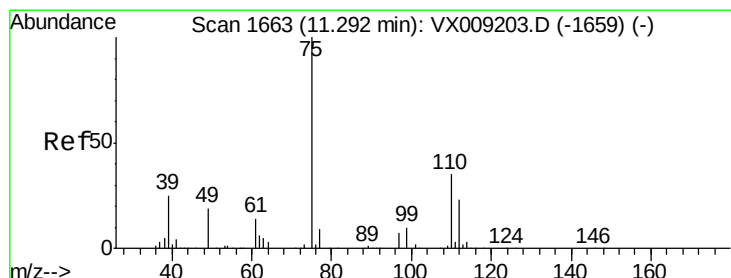
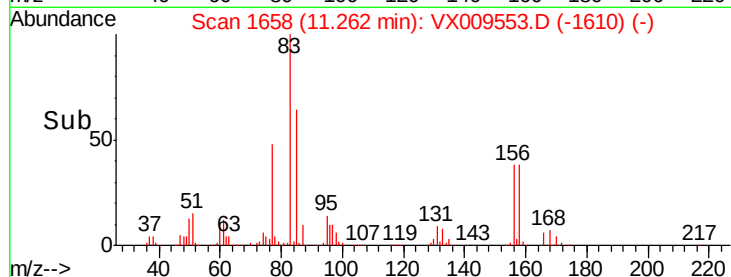
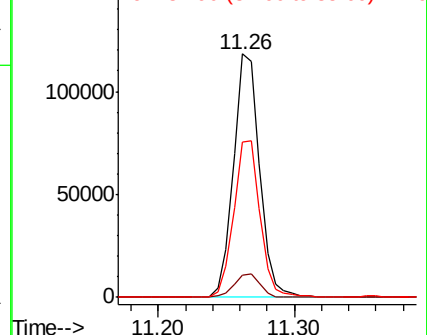
85 65.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.879 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009553.D

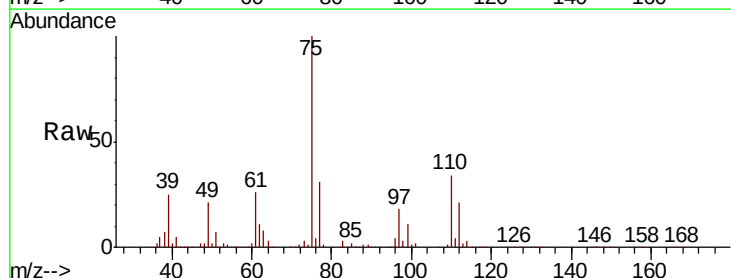
Acq: 14 May 2019 10:32

Tgt Ion: 75 Resp: 190480

Ion Ratio Lower Upper

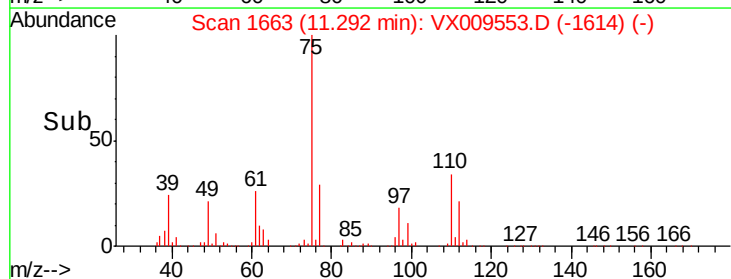
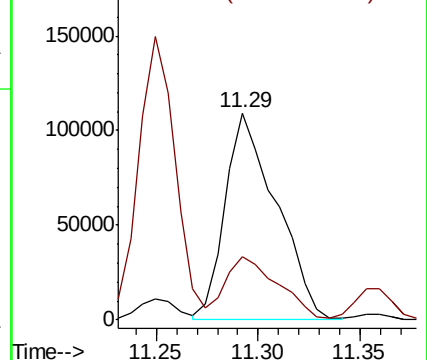
75 100

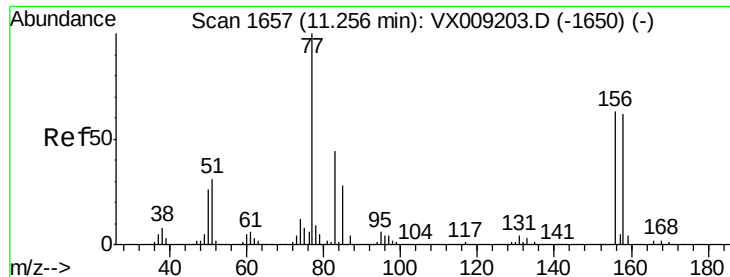
77 31.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.014 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

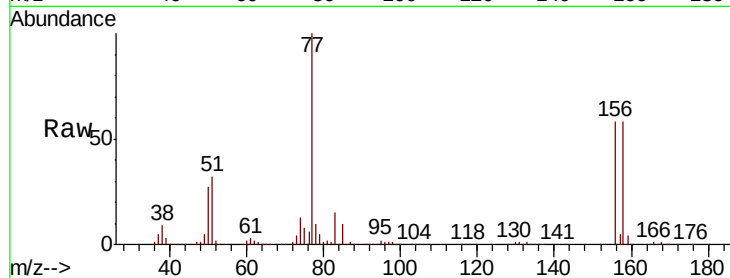
Tot Ion:156 Resp: 112609

Ion Ratio Lower Upper

156 100

77 166.4 84.8 254.3

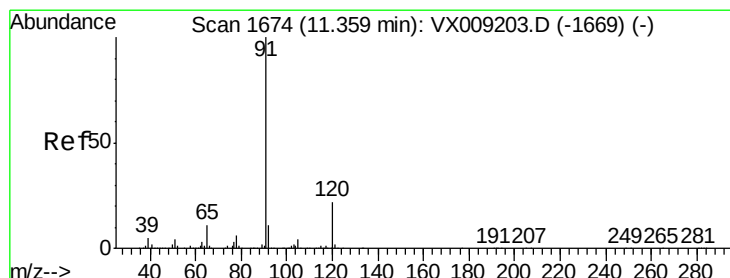
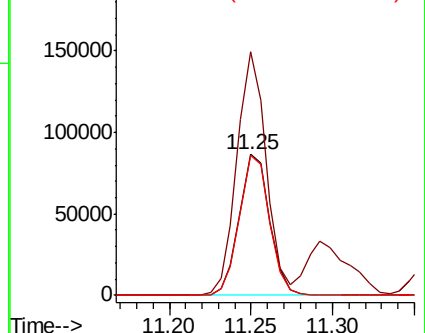
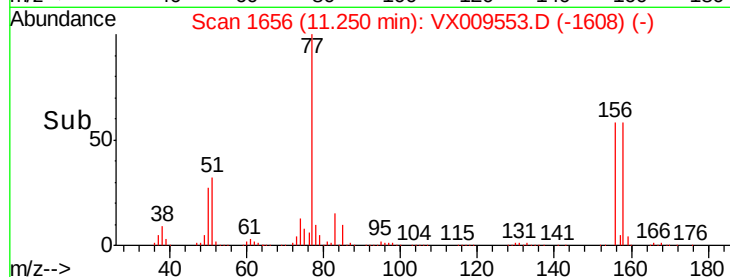
158 98.6 49.1 147.3



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: 48.985 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009553.D

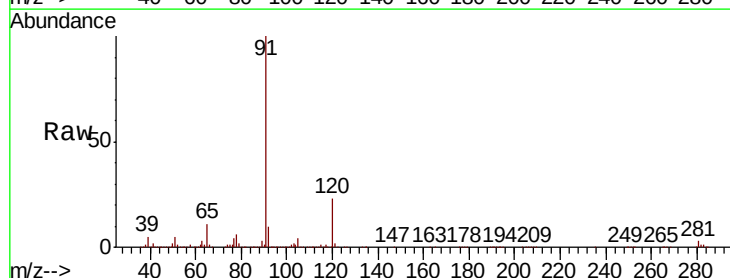
Acq: 14 May 2019 10:32

Tgt Ion: 91 Resp: 539865

Ion Ratio Lower Upper

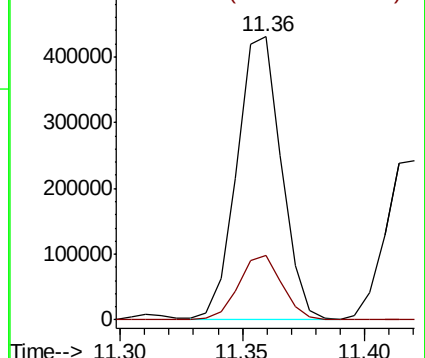
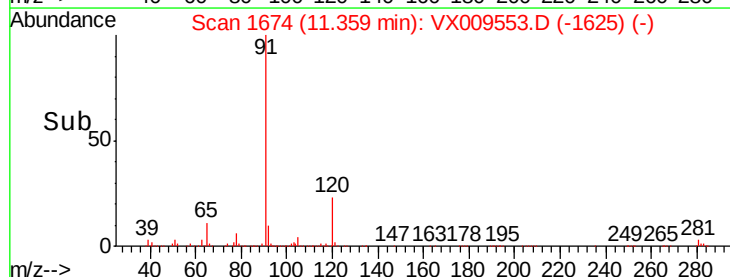
91 100

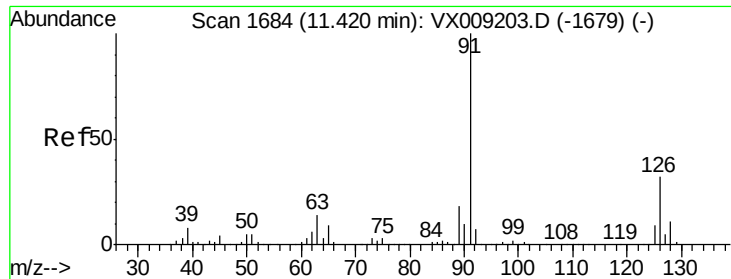
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

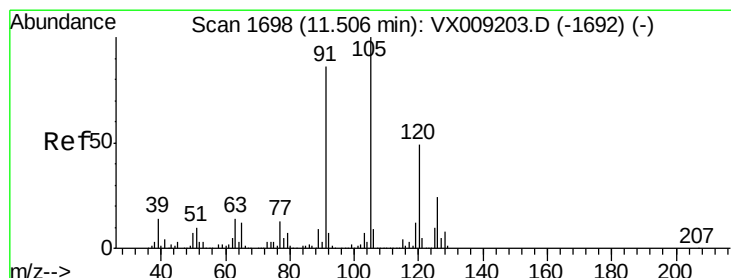
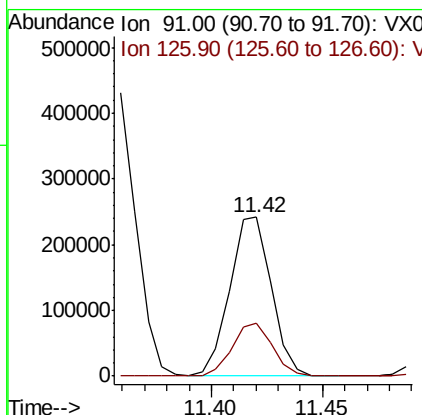
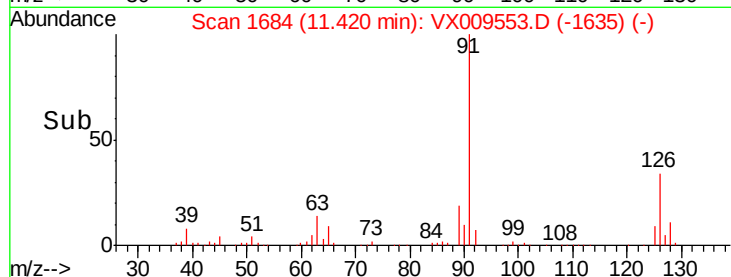
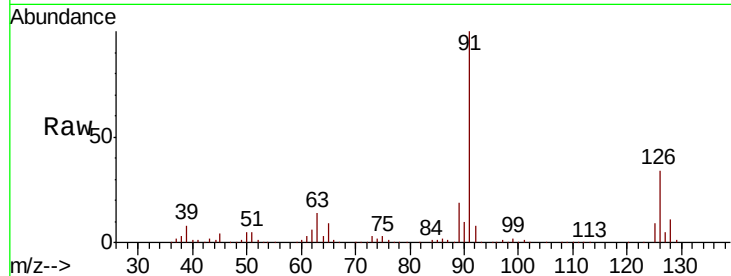




#79
 2-Chlorotoluene
 Concen: 46.244 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

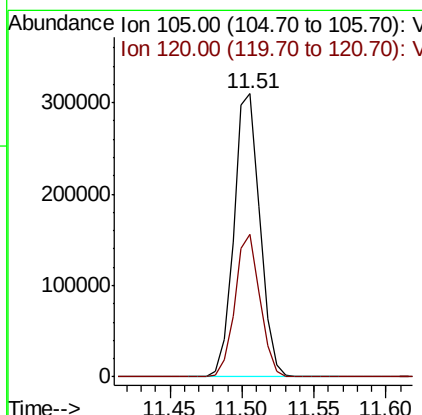
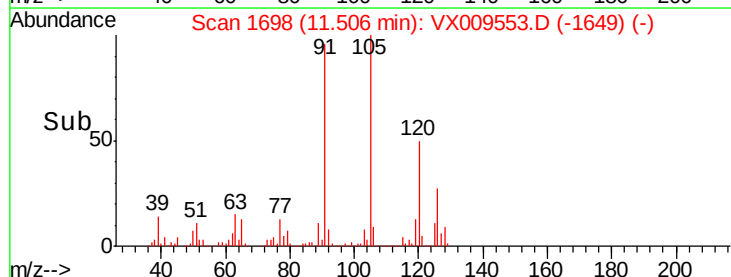
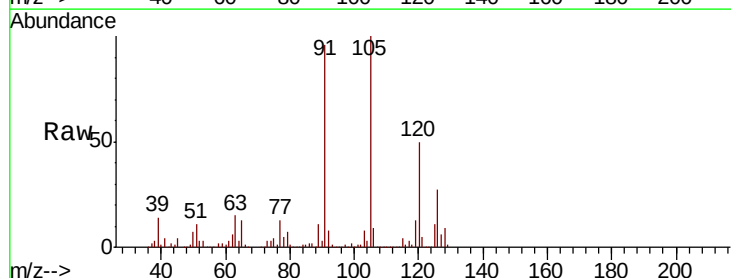
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

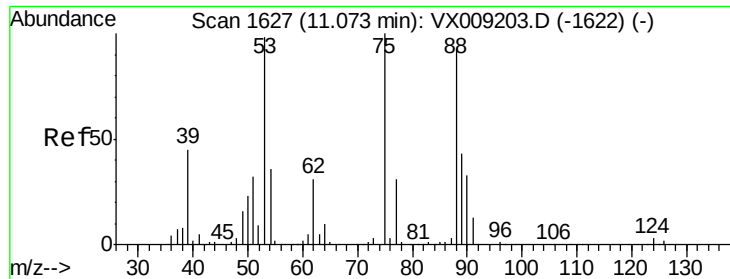
Tot Ion: 91 Resp: 314428
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.033 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion: 105 Resp: 390291
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.918 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

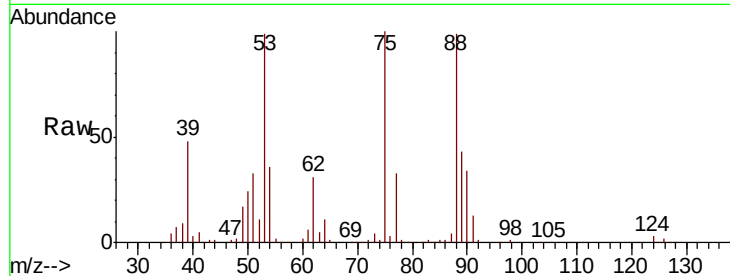
Tot Ion: 75 Resp: 56447

Ion Ratio Lower Upper

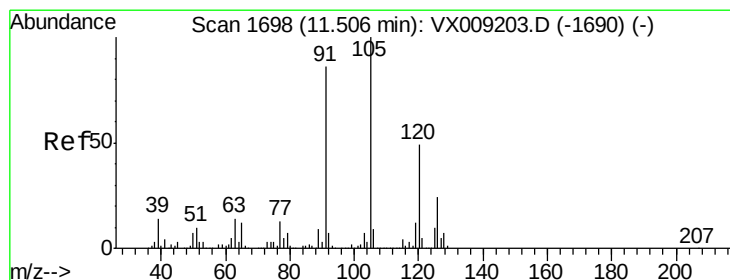
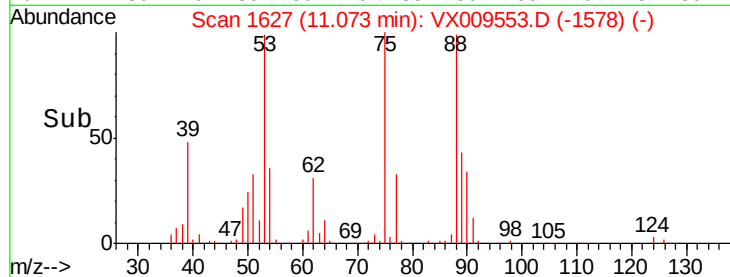
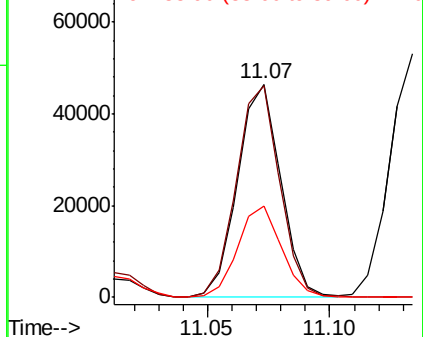
75 100

53 100.3 79.0 118.6

89 44.1 34.7 52.1



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



#82

4-Chlorotoluene

Concen: 48.271 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009553.D

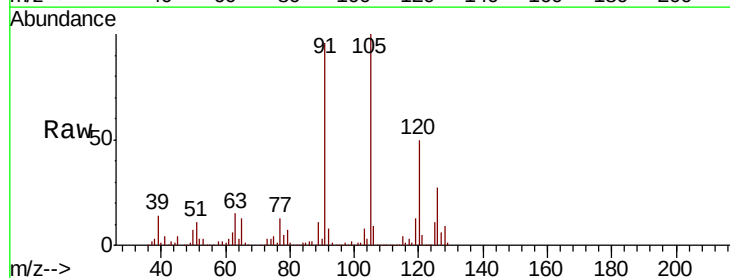
Acq: 14 May 2019 10:32

Tgt Ion: 91 Resp: 370786

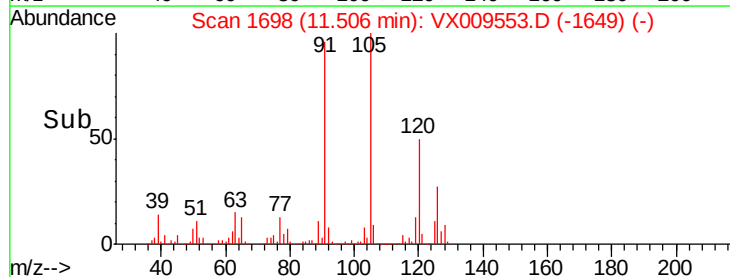
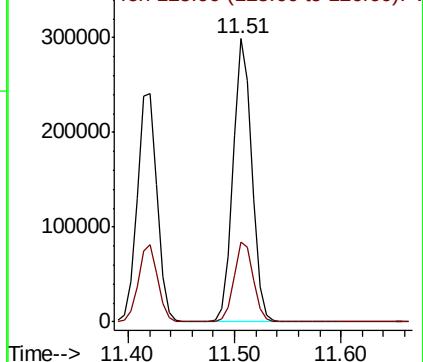
Ion Ratio Lower Upper

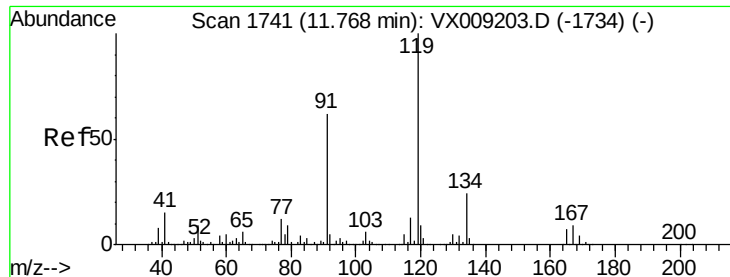
91 100

126 29.0 14.5 43.6



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

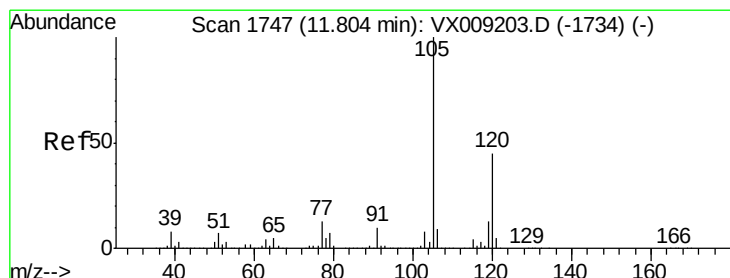
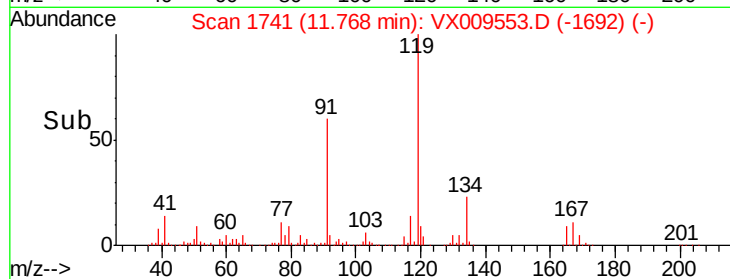
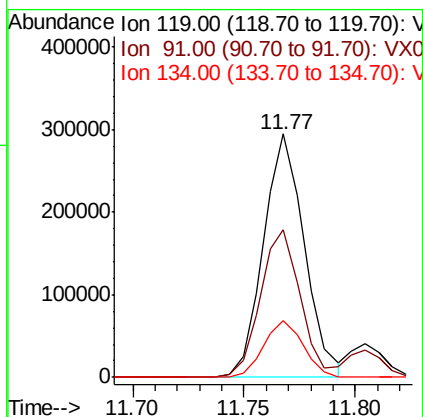
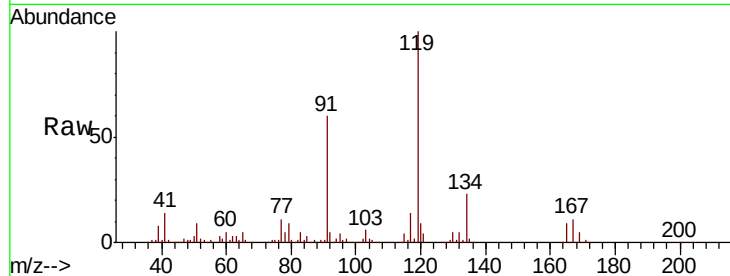




#83
 tert-Butylbenzene
 Concen: 47.624 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

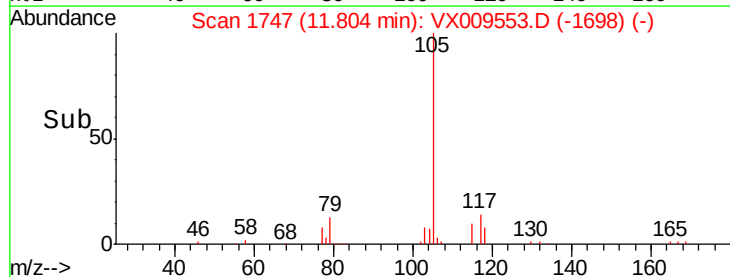
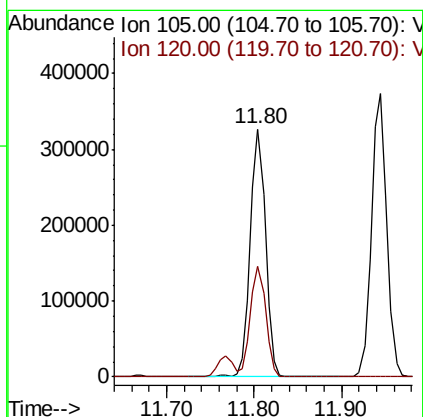
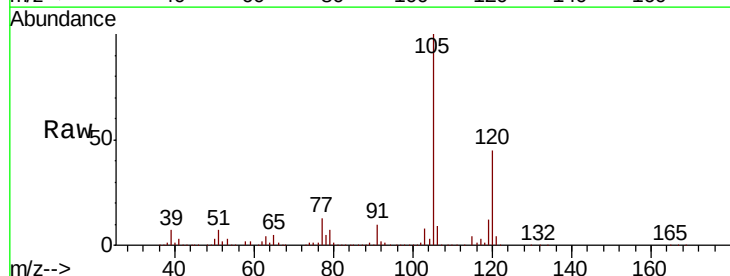
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

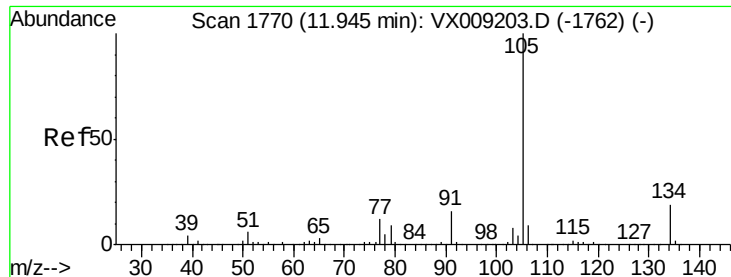
Tot Ion:119 Resp: 376442
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.5 88.5
 134 22.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.125 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion:105 Resp: 392503
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.926 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

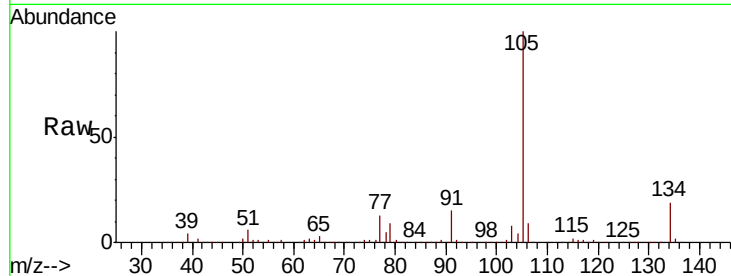
VSTDCCC050

Tot Ion:105 Resp: 458497

Ion Ratio Lower Upper

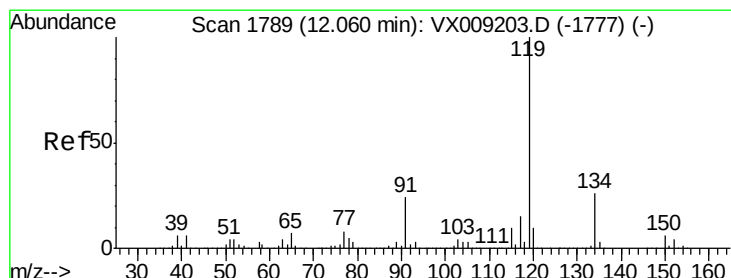
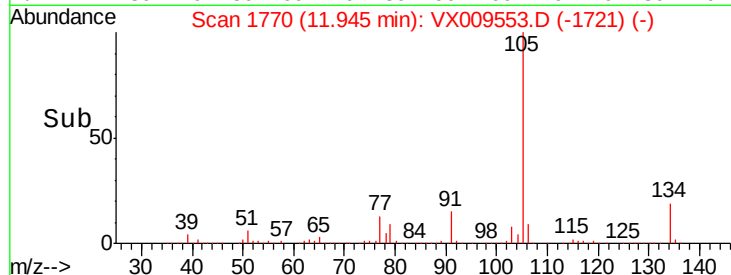
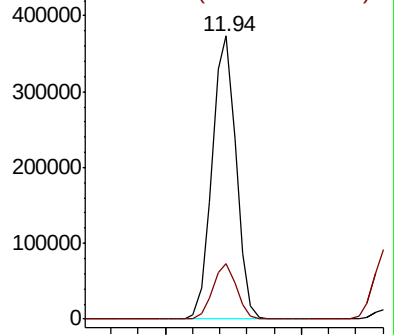
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.824 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

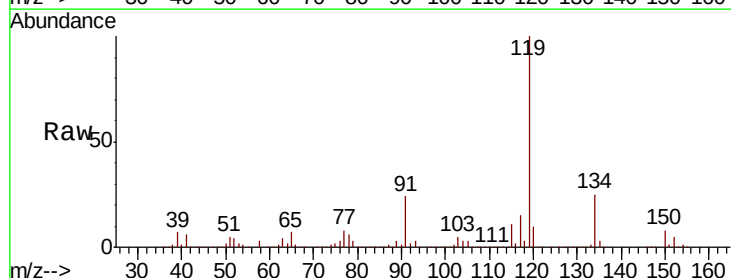
Tgt Ion:119 Resp: 419751

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

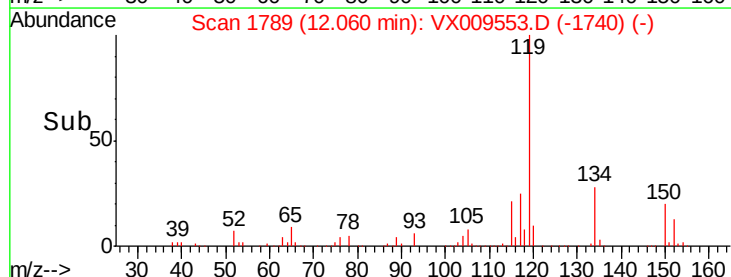
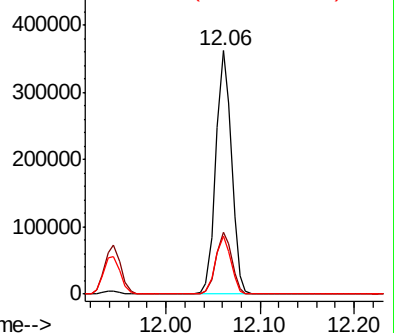
91 23.6 11.8 35.4

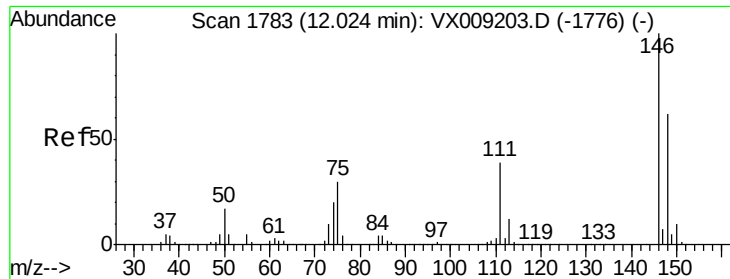


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.933 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

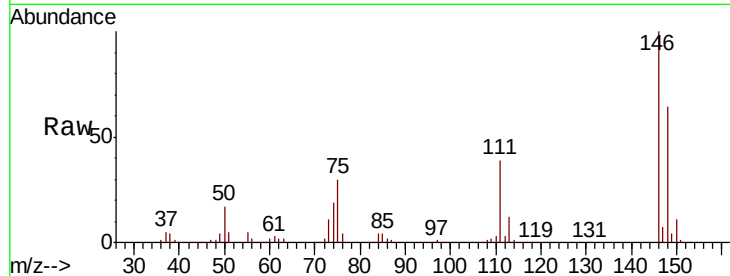
Tot Ion:146 Resp: 204670

Ion Ratio Lower Upper

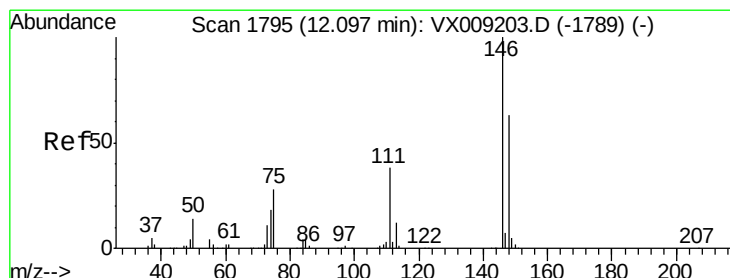
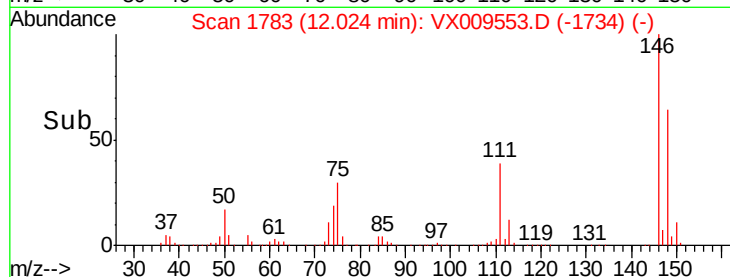
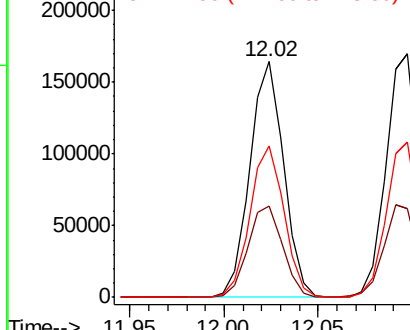
146 100

111 40.0 20.0 59.9

148 64.7 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: 48.652 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

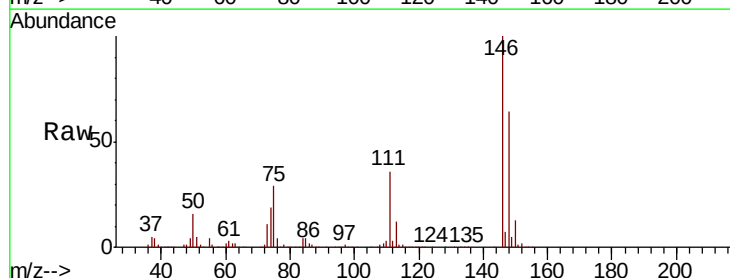
Tgt Ion:146 Resp: 209440

Ion Ratio Lower Upper

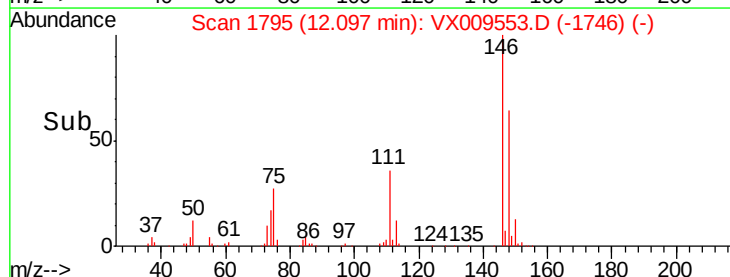
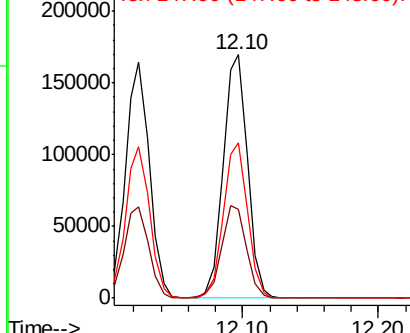
146 100

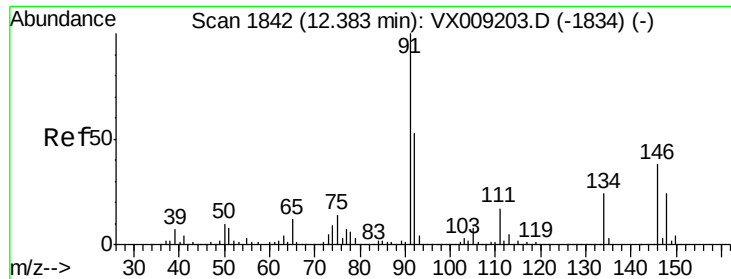
111 38.7 19.6 58.8

148 63.4 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: 51.527 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

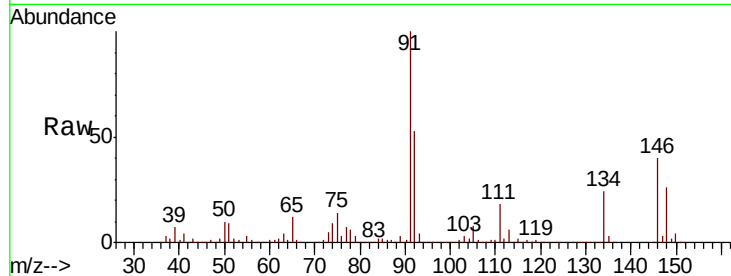
Tot Ion: 91 Resp: 392353

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 24.9 12.4 37.2

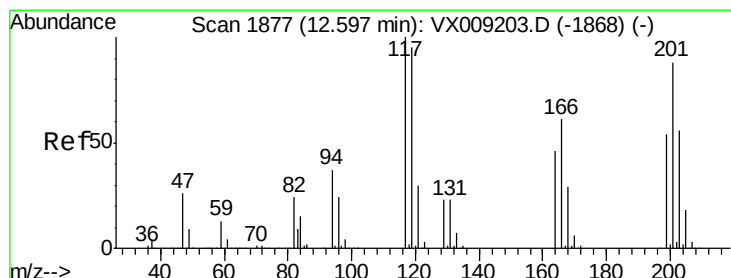
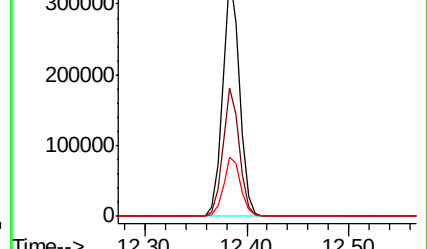
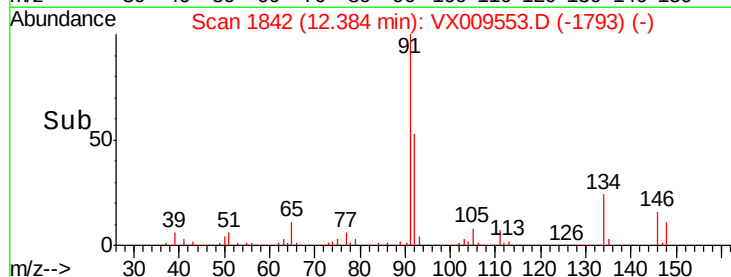


Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX009203.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX009203.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 49.173 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009553.D

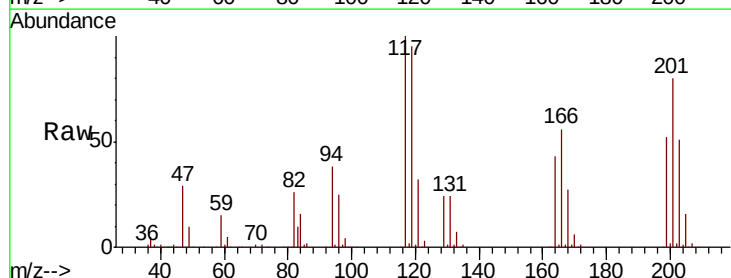
Acq: 14 May 2019 10:32

Tgt Ion: 117 Resp: 70578

Ion Ratio Lower Upper

117 100

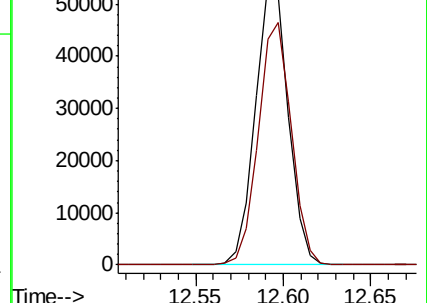
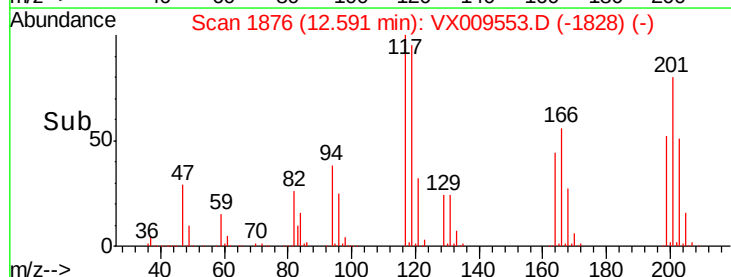
201 86.1 42.3 126.9

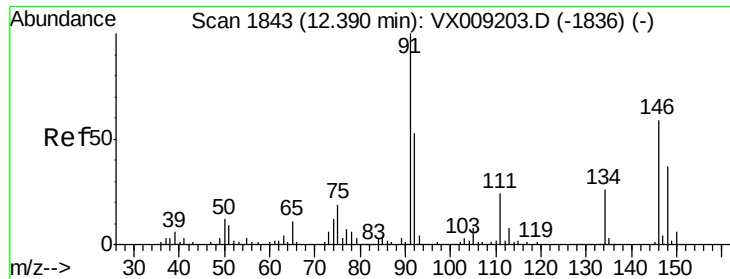


Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-1868) (-)

Ion 200.70 (200.40 to 201.40): VX009203.D (-1868) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 46.845 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

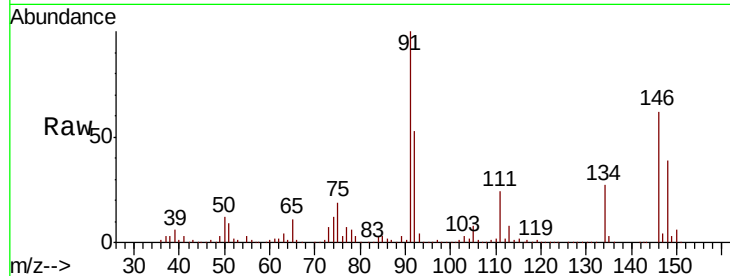
Tot Ion:146 Resp: 203731

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.4

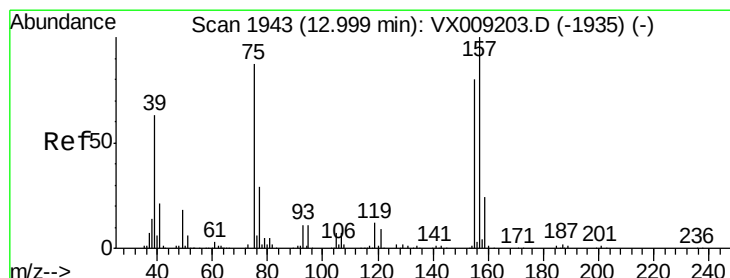
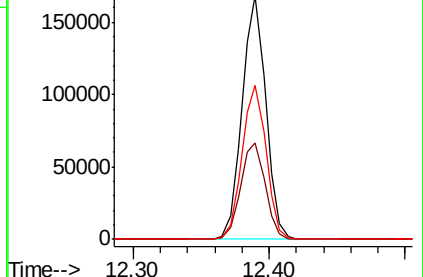
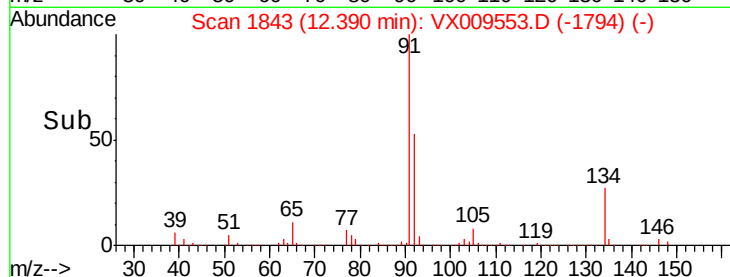
148 64.5 31.9 95.9



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: 42.774 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009553.D

Acq: 14 May 2019 10:32

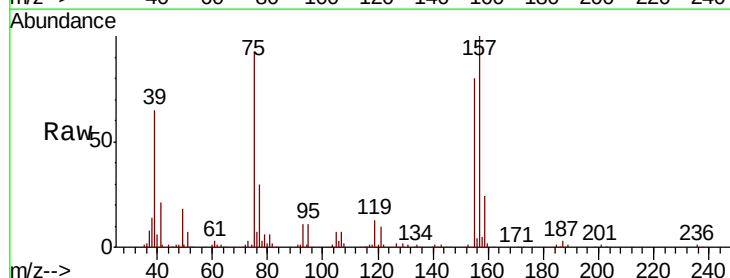
Tgt Ion: 75 Resp: 34519

Ion Ratio Lower Upper

75 100

155 83.7 42.0 126.0

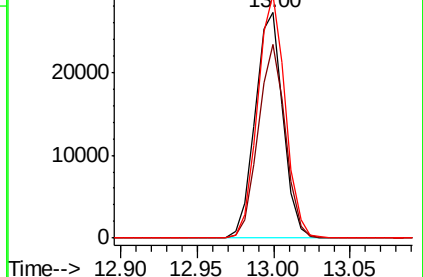
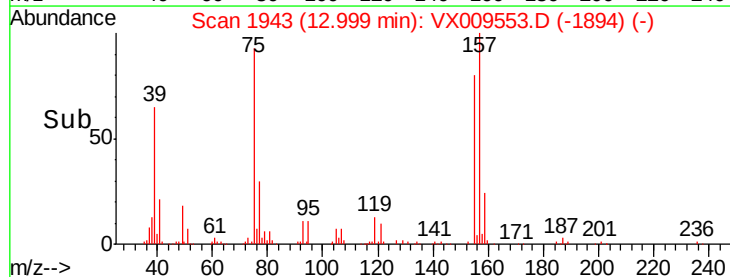
157 106.7 53.2 159.6

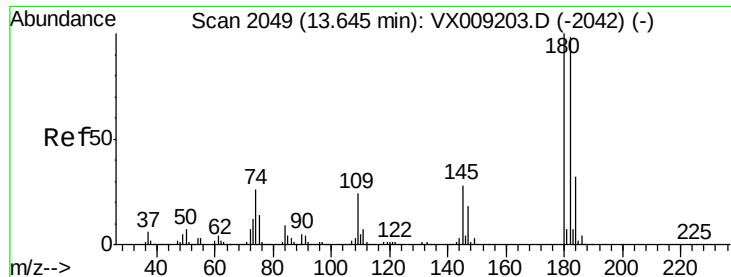


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

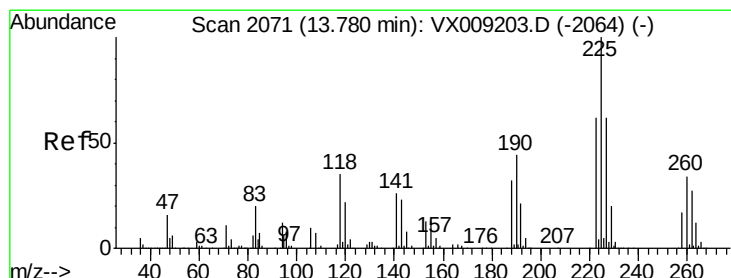
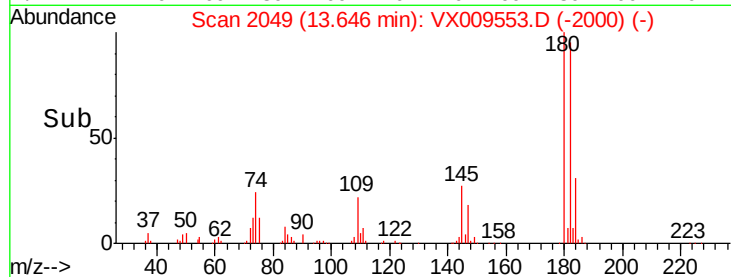
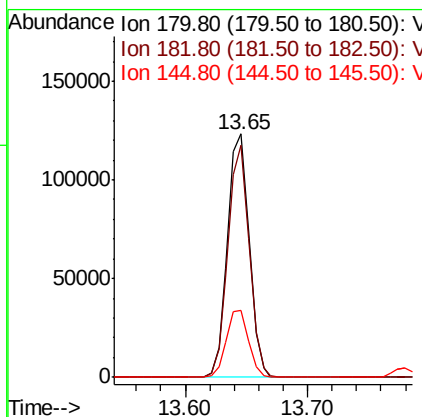
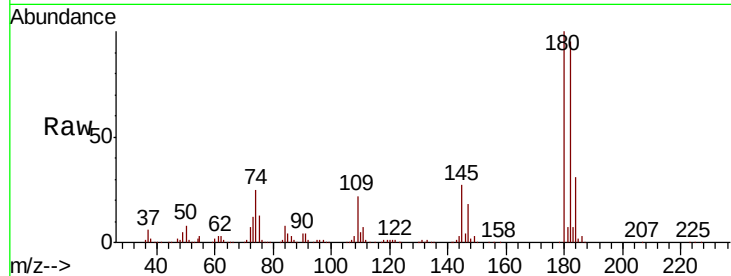




#93
 1,2,4-Trichlorobenzene
 Concen: 50.681 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

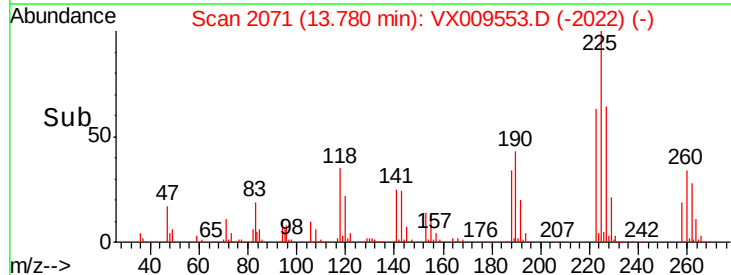
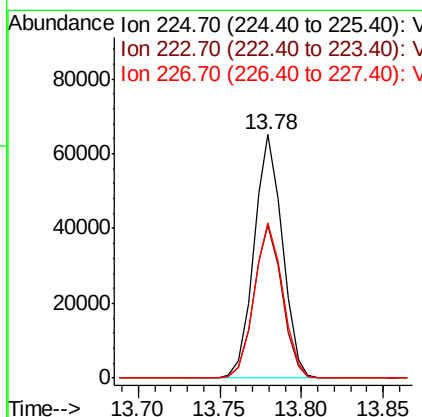
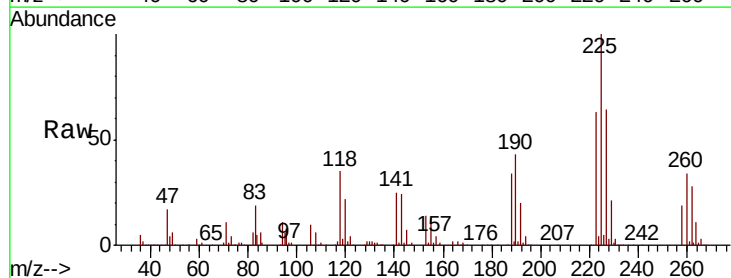
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

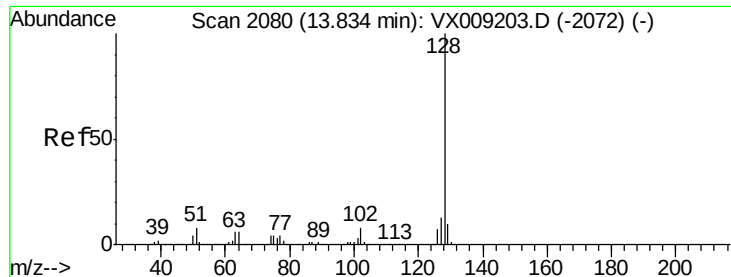
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.2
145	28.2	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 51.772 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009553.D
 Acq: 14 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.8
227	64.2	31.8	95.3

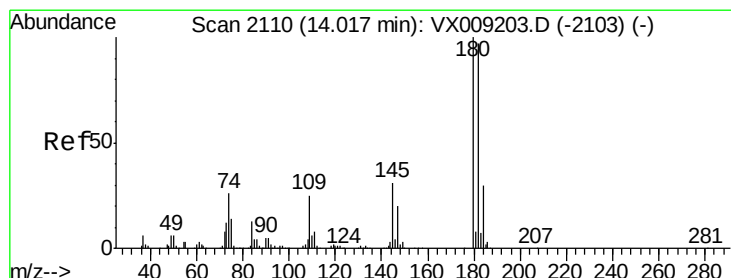
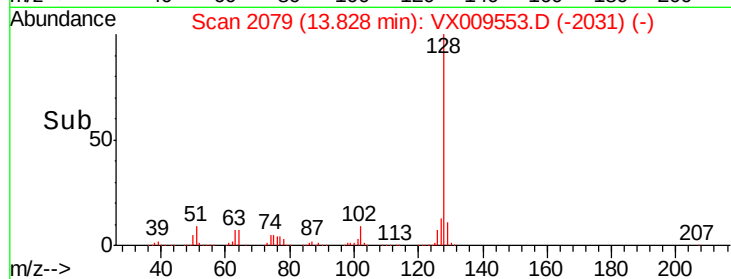
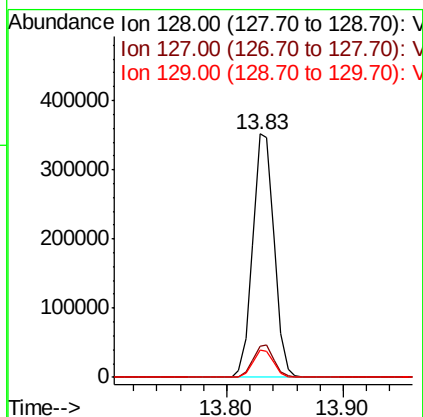
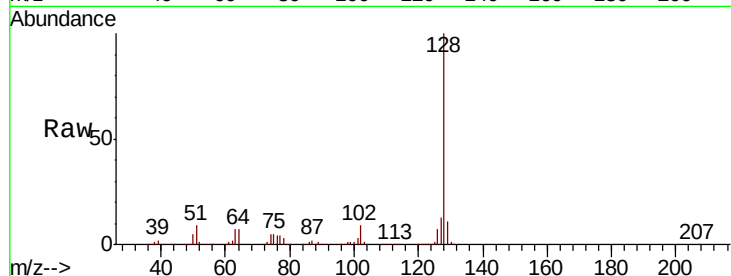




#95
Naphthalene
Concen: 46.680 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.907 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009553.D
Acq: 14 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	30.8	15.4	46.4

