

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011783.D
 Acq On : 22 Aug 2019 23:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 02:08:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	388515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	489019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	270679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	181602	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
35) Dibromofluoromethane	5.49	113	167700	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	8.71	98	607671	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	227026	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	177052	48.829	ug/l	100
3) Chloromethane	1.32	50	162088	50.973	ug/l	99
4) Vinyl Chloride	1.40	62	158444	49.844	ug/l	98
5) Bromomethane	1.63	94	76679	43.787	ug/l	99
6) Chloroethane	1.71	64	89703	48.265	ug/l	95
7) Trichlorofluoromethane	1.92	101	250048	49.408	ug/l	100
8) Diethyl Ether	2.18	74	85987	49.967	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	146162	46.672	ug/l	98
10) Methyl Iodide	2.50	142	214413	56.053	ug/l	98
11) Tert butyl alcohol	3.04	59	182401	236.508	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145818	47.752	ug/l	94
13) Acrolein	2.29	56	67589	226.716	ug/l	98
14) Allyl chloride	2.72	41	232096	48.629	ug/l	98
15) Acrylonitrile	3.14	53	446353	253.034	ug/l	99
16) Acetone	2.43	43	381772	224.867	ug/l	100
17) Carbon Disulfide	2.56	76	367341	47.578	ug/l	100
18) Methyl Acetate	2.76	43	244575	53.089	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	481242	49.130	ug/l	98
20) Methylene Chloride	2.85	84	162677	46.867	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	157700	47.879	ug/l	97
22) Diisopropyl ether	3.85	45	471343	50.927	ug/l	98
23) Vinyl Acetate	3.81	43	1912527	249.582	ug/l	98
24) 1,1-Dichloroethane	3.69	63	267887	49.023	ug/l	98
25) 2-Butanone	4.67	43	607574	249.321	ug/l	100
26) 2,2-Dichloropropane	4.57	77	168940	36.405	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	182337	48.273	ug/l	96
28) Bromochloromethane	5.01	49	129150	52.065	ug/l	96
29) Tetrahydrofuran	5.12	42	405782	259.763	ug/l	100
30) Chloroform	5.20	83	285860	48.217	ug/l	100
31) Cyclohexane	5.57	56	238035	49.600	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	255164	49.513	ug/l	100
36) 1,1-Dichloropropene	5.79	75	207899	49.942	ug/l	97
37) Ethyl Acetate	4.82	43	230385	52.298	ug/l	99
38) Carbon Tetrachloride	5.78	117	228370	48.407	ug/l	99

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 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246090	47.705	ug/l	100
40) Benzene	6.13	78	628525	48.808	ug/l	98
41) Methacrylonitrile	5.04	41	125240	48.883	ug/l	97
42) 1,2-Dichloroethane	6.18	62	210971	44.817	ug/l	97
43) Isopropyl Acetate	6.44	43	345577	48.467	ug/l	98
44) Trichloroethene	7.21	130	188847	47.573	ug/l	98
45) 1,2-Dichloropropane	7.51	63	159994	49.430	ug/l	99
46) Dibromomethane	7.66	93	115204	48.276	ug/l	98
47) Bromodichloromethane	7.89	83	207920	48.401	ug/l	97
48) Methyl methacrylate	7.76	41	179659	50.631	ug/l	98
49) 1,4-Dioxane	7.73	88	92376	939.586	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1167545	248.509	ug/l	99
52) Toluene	8.78	92	413487	49.619	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	218224	48.390	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	245102	49.821	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	170258	49.039	ug/l	99
56) Ethyl methacrylate	9.18	69	256827	52.015	ug/l	96
57) 1,3-Dichloropropane	9.37	76	266328	47.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	693391	266.961	ug/l	99
59) 2-Hexanone	9.49	43	888342	246.351	ug/l	97
60) Dibromochloromethane	9.58	129	189419	50.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	189417	50.846	ug/l	100
64) Tetrachloroethene	9.34	164	195201	50.035	ug/l	98
65) Chlorobenzene	10.13	112	468046	49.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	181811	50.827	ug/l	99
67) Ethyl Benzene	10.25	91	785852	49.255	ug/l	98
68) m/p-Xylenes	10.35	106	619909	100.768	ug/l	98
69) o-Xylene	10.69	106	303392	50.231	ug/l	96
70) Styrene	10.71	104	520384	51.503	ug/l	97
71) Bromoform	10.85	173	157681	51.098	ug/l #	98
73) Isopropylbenzene	11.02	105	799792	49.031	ug/l	100
74) N-amyl acetate	10.90	43	312528	49.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	259606	48.082	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	282655	59.512	ug/l	85
77) Bromobenzene	11.25	156	235572	48.987	ug/l	97
78) n-propylbenzene	11.36	91	864915	49.588	ug/l	100
79) 2-Chlorotoluene	11.42	91	519598	47.883	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	679805	49.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72837	46.249	ug/l	98
82) 4-Chlorotoluene	11.51	91	602418	48.162	ug/l	97
83) tert-Butylbenzene	11.77	119	683022	50.866	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	682998	49.694	ug/l	100
85) sec-Butylbenzene	11.94	105	779104	50.722	ug/l	98
86) p-Isopropyltoluene	12.06	119	740280	50.091	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	409022	49.392	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	407479	48.635	ug/l	98
89) n-Butylbenzene	12.38	91	588247	48.082	ug/l	99
90) Hexachloroethane	12.59	117	114474	49.858	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	410516	49.149	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60680	48.349	ug/l	98

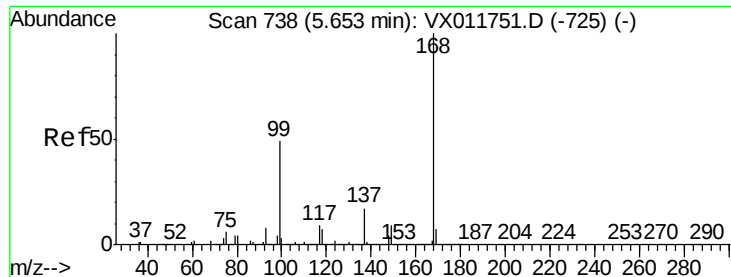
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	310314	50.508	ug/l	99
94) Hexachlorobutadiene	13.78	225	164833	48.961	ug/l	100
95) Naphthalene	13.83	128	914313	54.033	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	315822	51.195	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

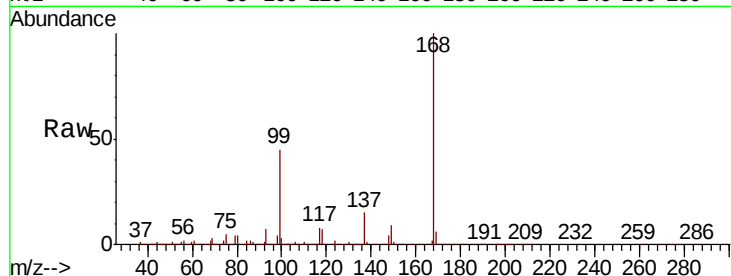
VSTDCCC050EC

Tgt Ion:168 Resp: 388515

Ion Ratio Lower Upper

168 100

99 44.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

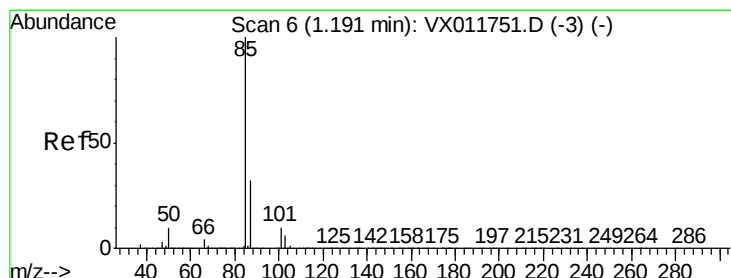
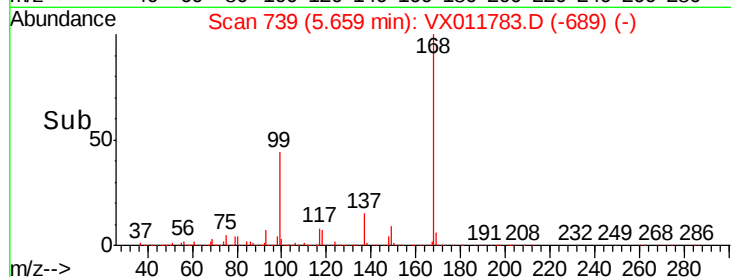
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.829 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011783.D

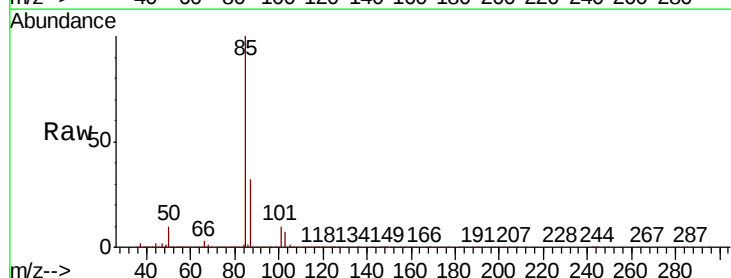
Acq: 22 Aug 2019 23:34

Tgt Ion: 85 Resp: 177052

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

200000

150000

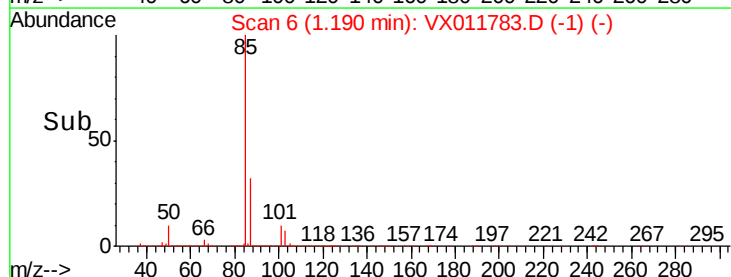
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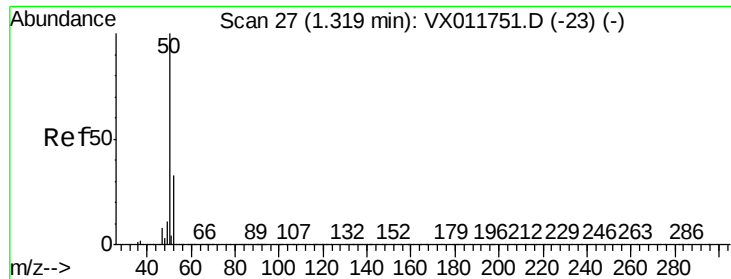
50000

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1.15 1.20 1.25 1.30

Time-->

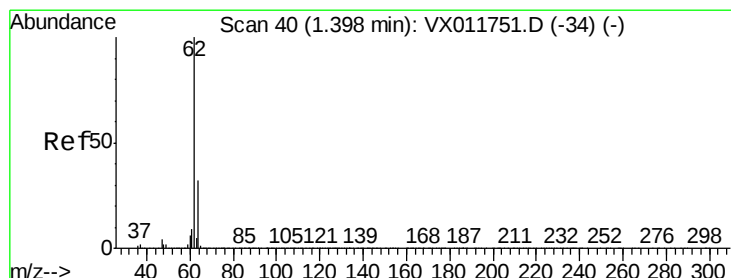
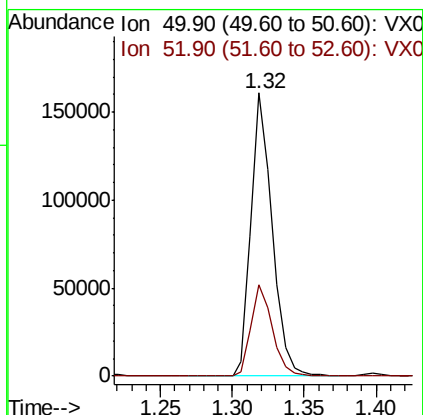
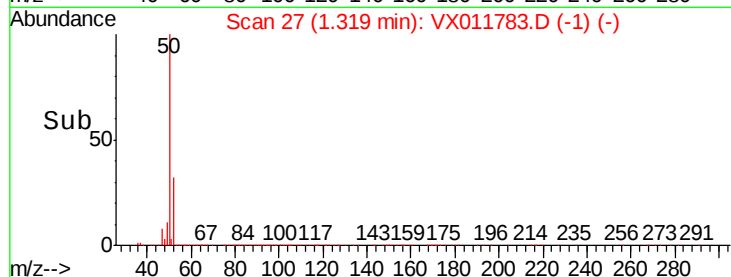
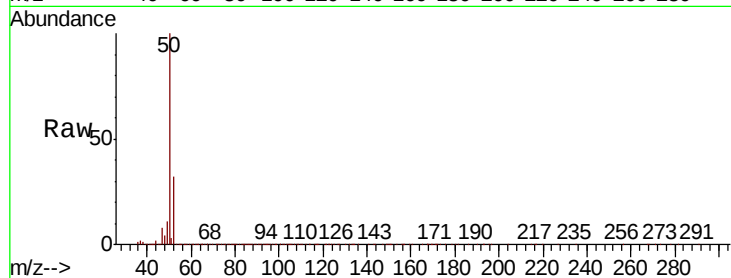




#3
Chloromethane
Concen: 50.973 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

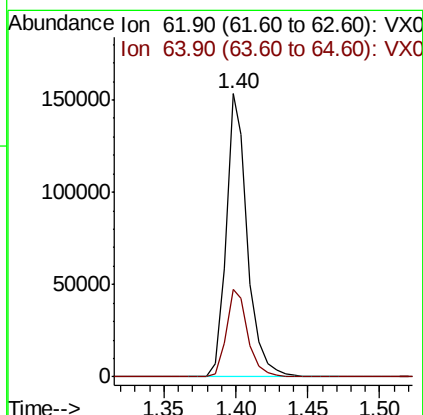
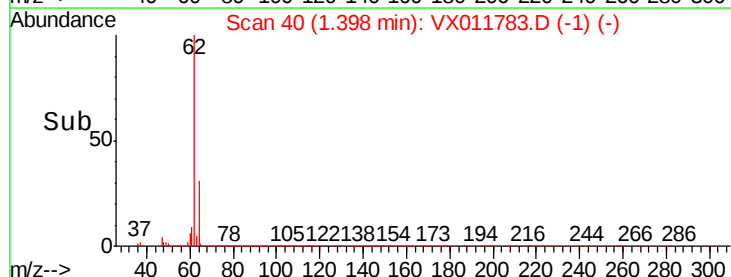
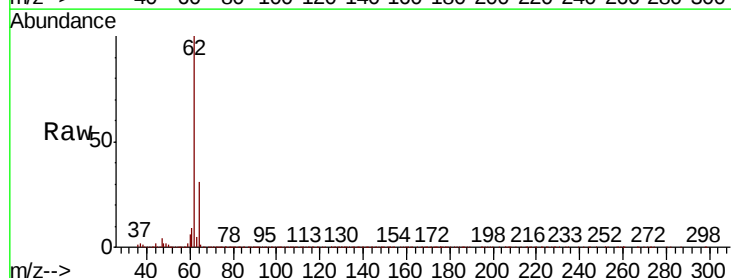
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

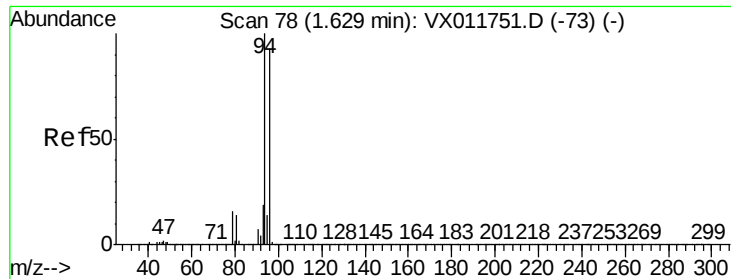
Tgt Ion: 50 Resp: 162088
Ion Ratio Lower Upper
50 100
52 32.4 26.6 39.8



#4
Vinyl Chloride
Concen: 49.844 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 62 Resp: 158444
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3





#5

Bromomethane

Concen: 43.787 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

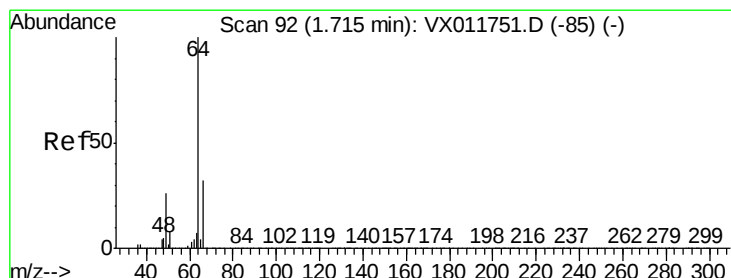
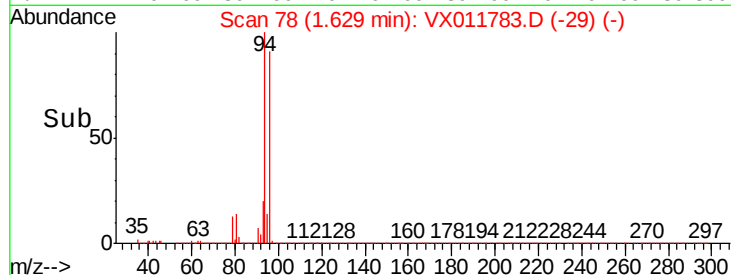
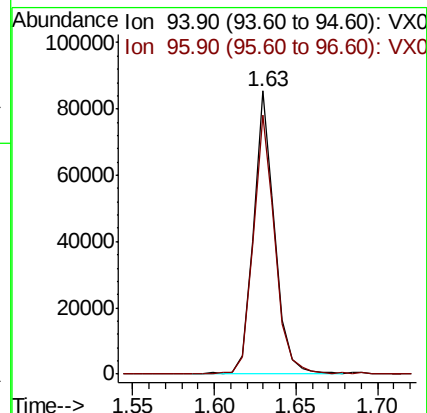
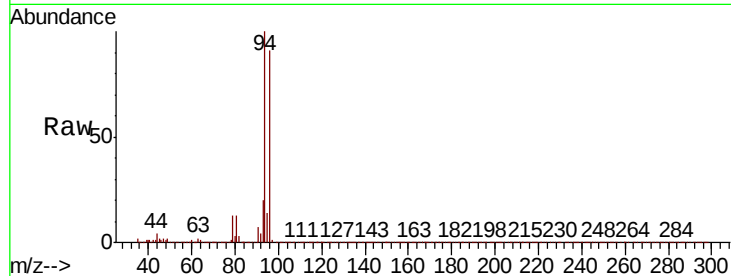
VSTDCCC050EC

Tgt Ion: 94 Resp: 76679

Ion Ratio Lower Upper

94 100

96 91.4 74.1 111.1



#6

Chloroethane

Concen: 48.265 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011783.D

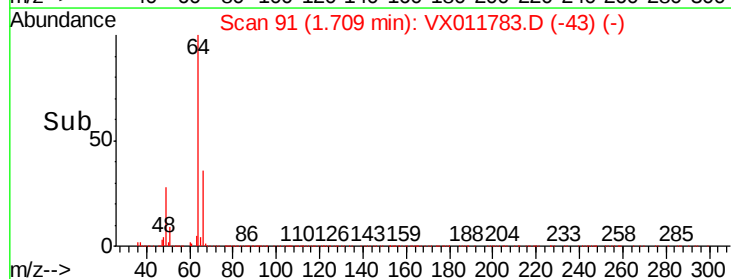
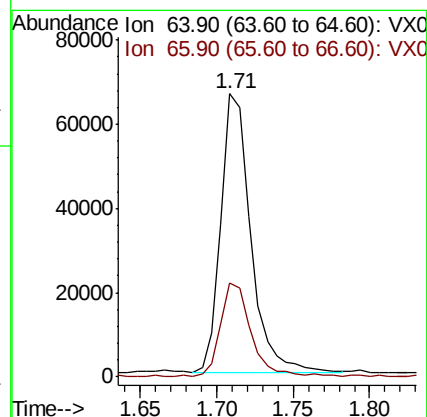
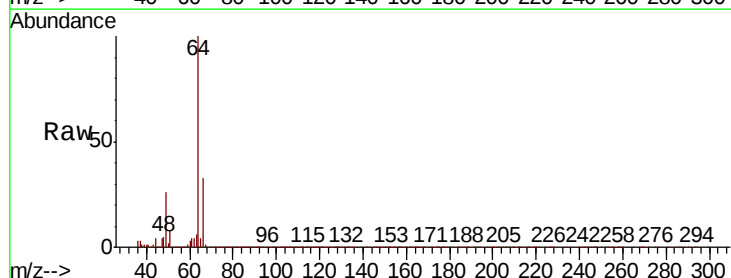
Acq: 22 Aug 2019 23:34

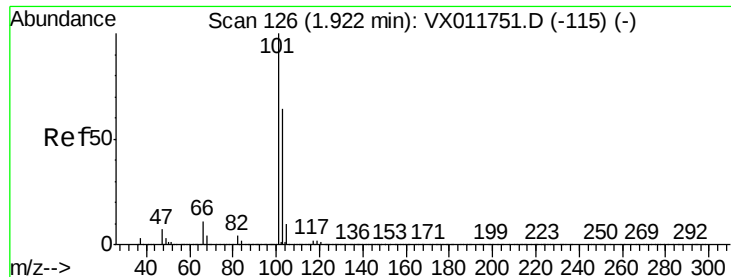
Tgt Ion: 64 Resp: 89703

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3



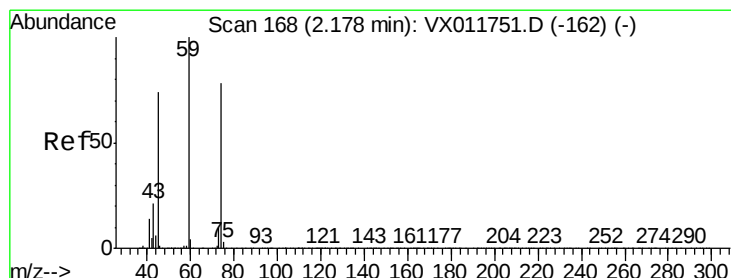
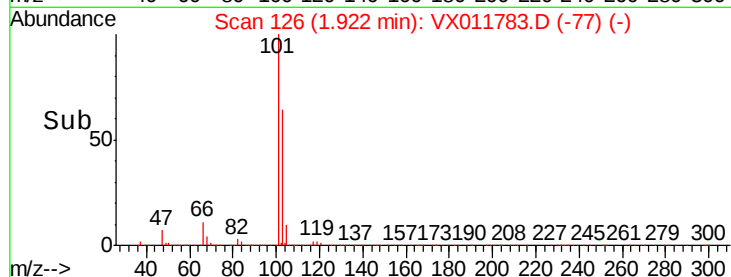
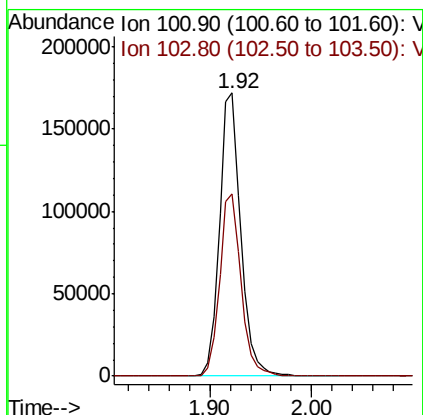
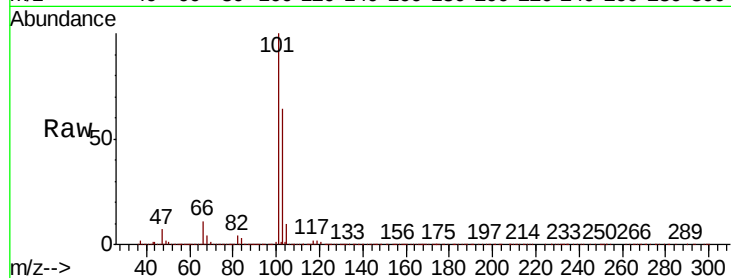


#7

Trichlorofluoromethane
 Concen: 49.408 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

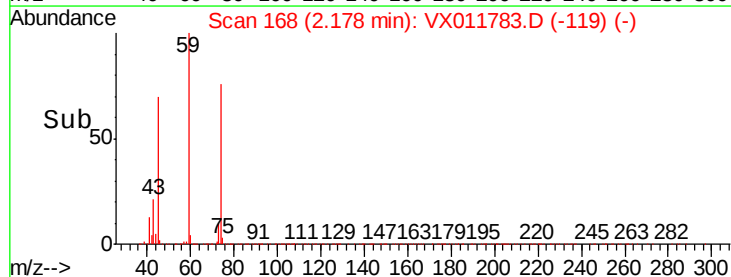
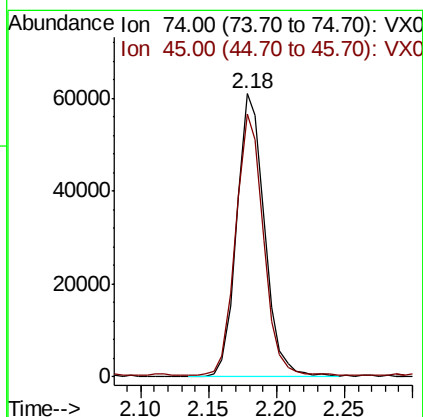
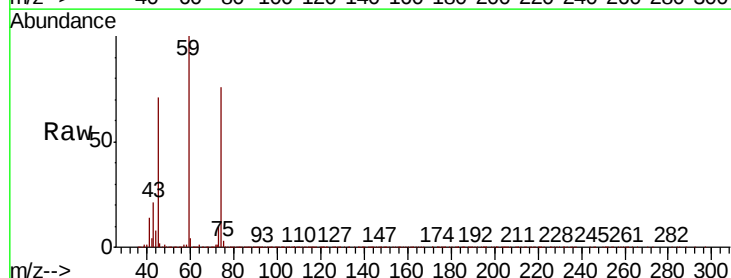
Tgt Ion: 101 Resp: 250048
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

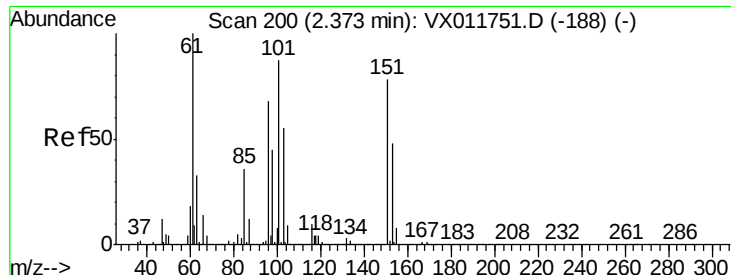


#8

Diethyl Ether
 Concen: 49.967 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion: 74 Resp: 85987
 Ion Ratio Lower Upper
 74 100
 45 92.6 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.672 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

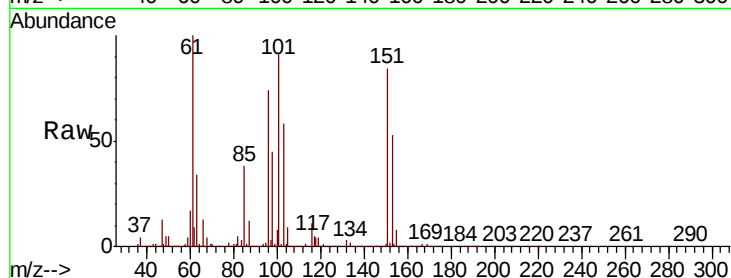
Tgt Ion:101 Resp: 146162

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

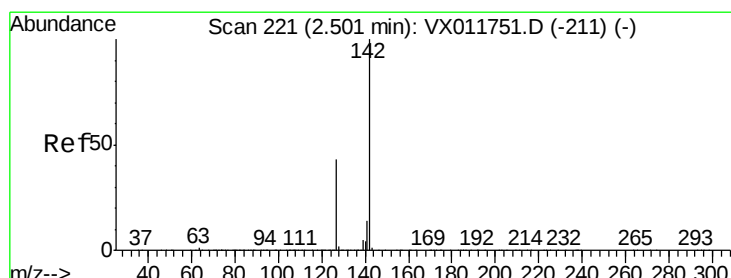
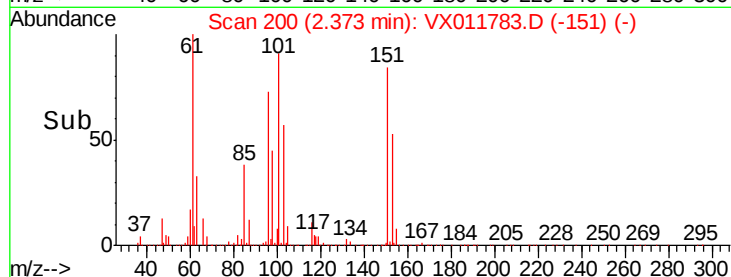
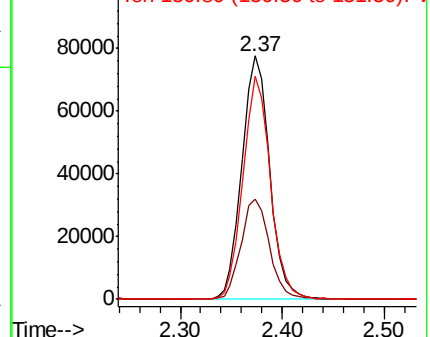
151 91.3 71.4 107.2



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: 56.053 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

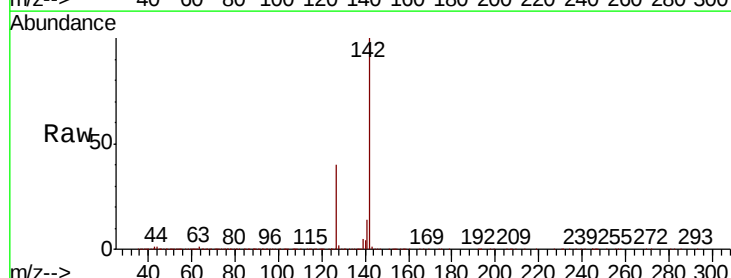
Tgt Ion:142 Resp: 214413

Ion Ratio Lower Upper

142 100

127 40.3 33.5 50.3

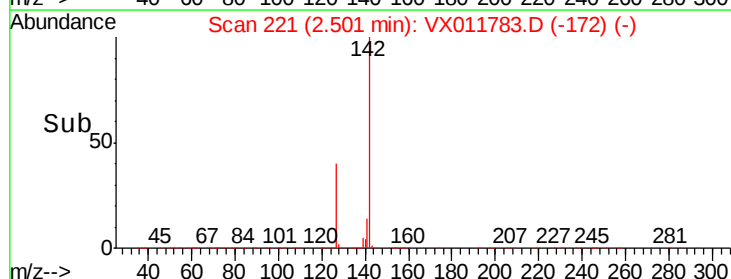
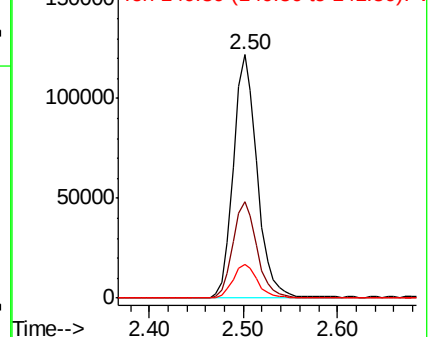
141 14.3 11.4 17.2

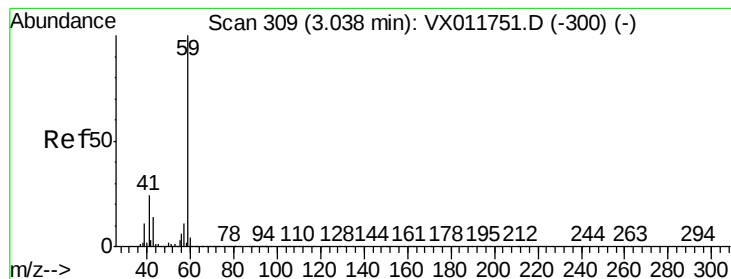


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



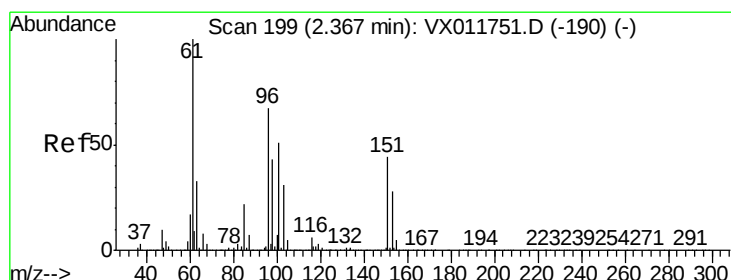
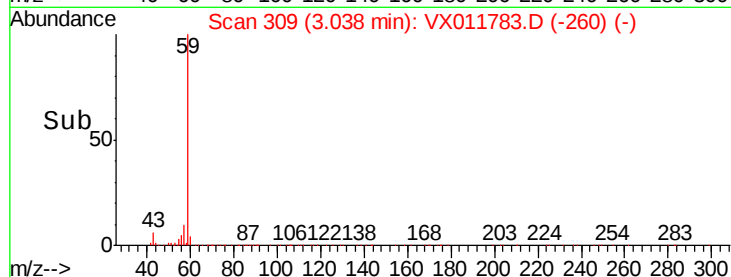
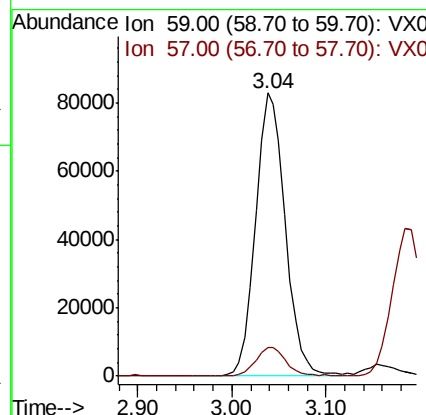
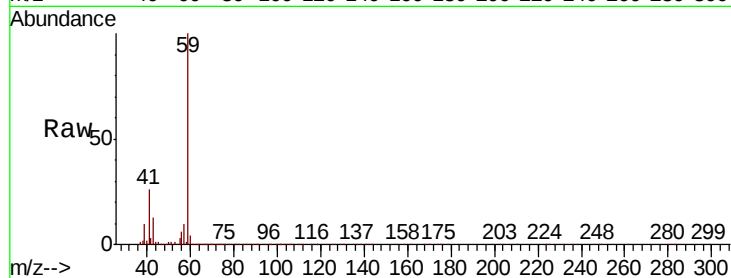


#11

Tert butyl alcohol
 Concen: 236.508 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

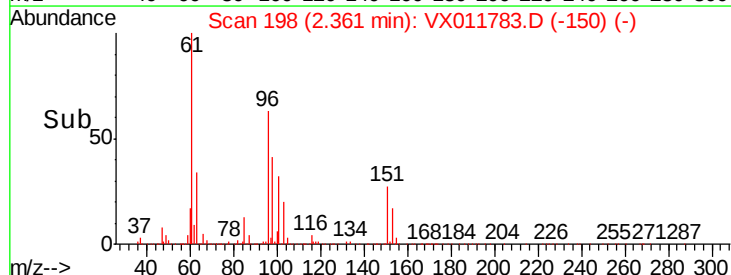
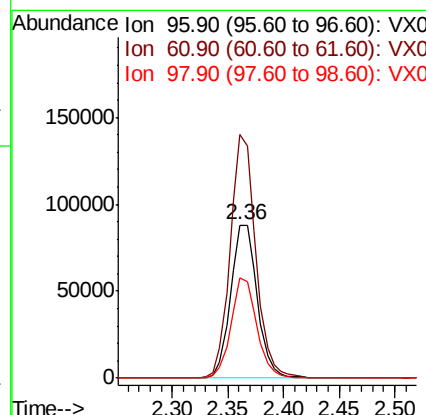
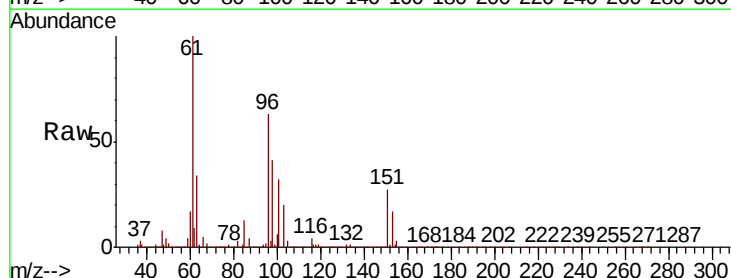
Tgt Ion: 59 Resp: 182401
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

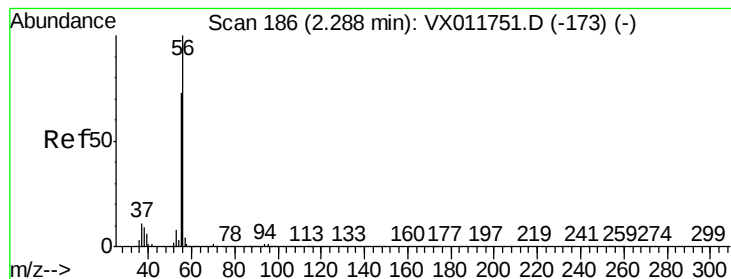


#12

1,1-Dichloroethene
 Concen: 47.752 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion: 96 Resp: 145818
 Ion Ratio Lower Upper
 96 100
 61 159.0 119.4 179.2
 98 65.4 51.2 76.8





#13

Acrolein

Concen: 226.716 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

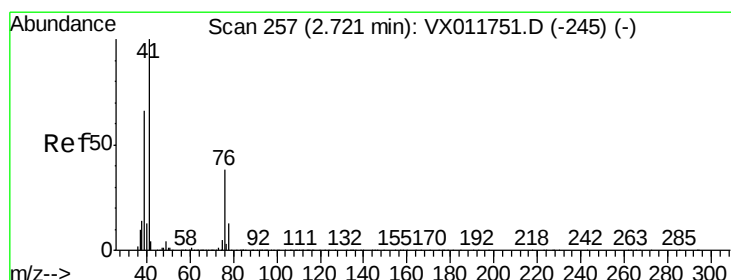
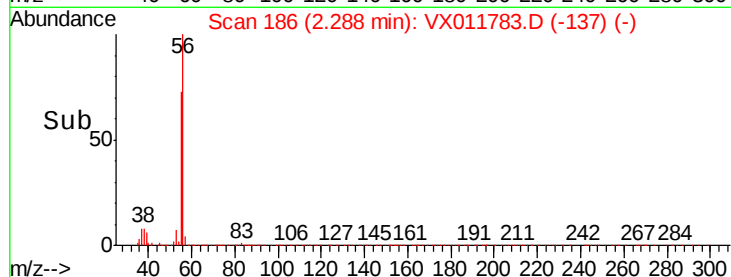
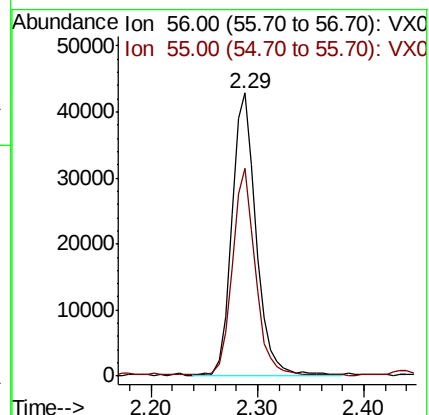
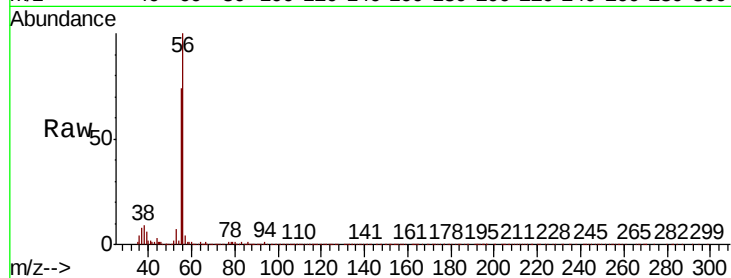
VSTDCCC050EC

Tgt Ion: 56 Resp: 67589

Ion Ratio Lower Upper

56 100

55 70.3 54.8 82.2



#14

Allyl chloride

Concen: 48.629 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

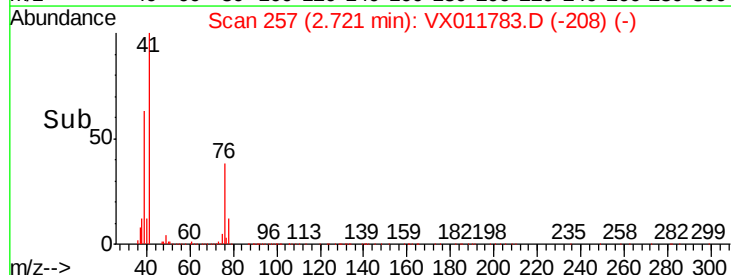
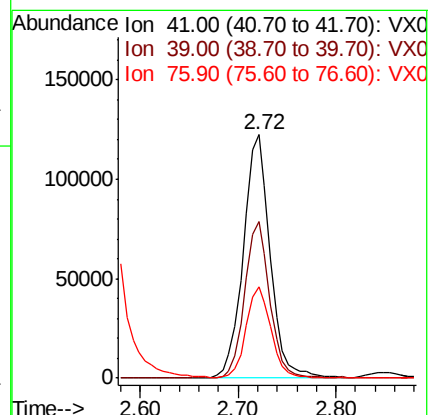
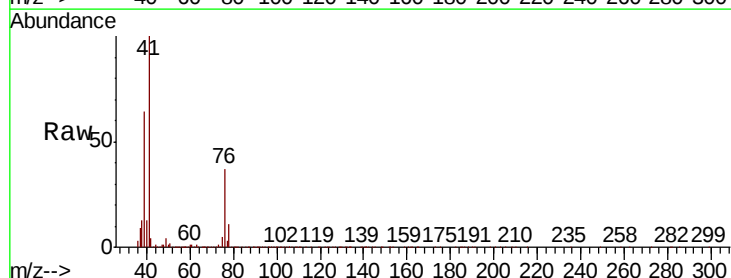
Tgt Ion: 41 Resp: 232096

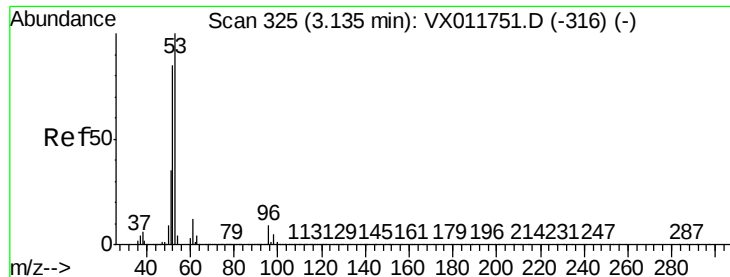
Ion Ratio Lower Upper

41 100

39 59.9 49.3 73.9

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 253.034 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

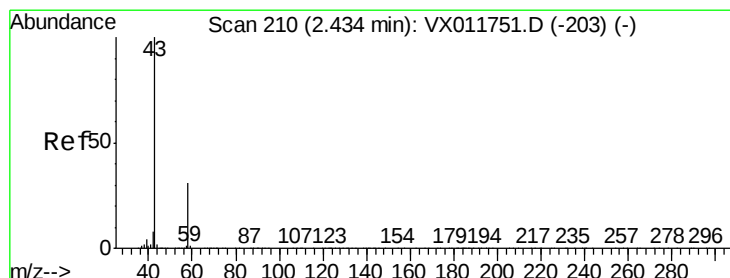
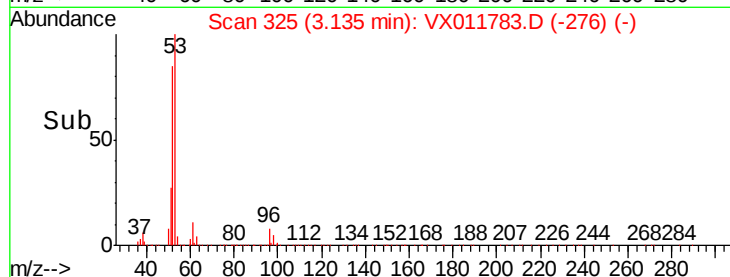
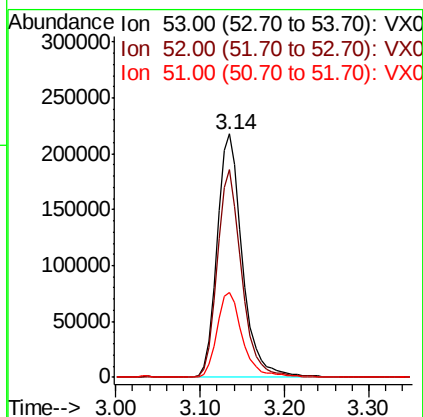
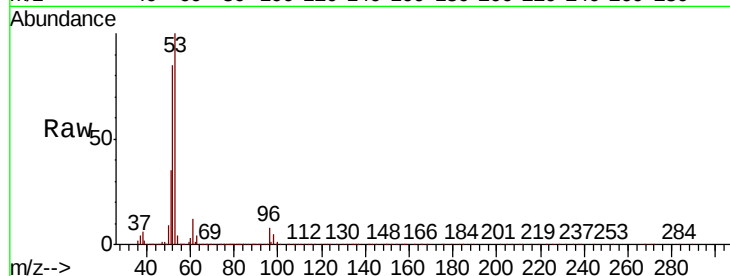
Tgt Ion: 53 Resp: 446353

Ion Ratio Lower Upper

53 100

52 83.1 65.7 98.5

51 35.3 28.6 43.0



#16

Acetone

Concen: 224.867 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011783.D

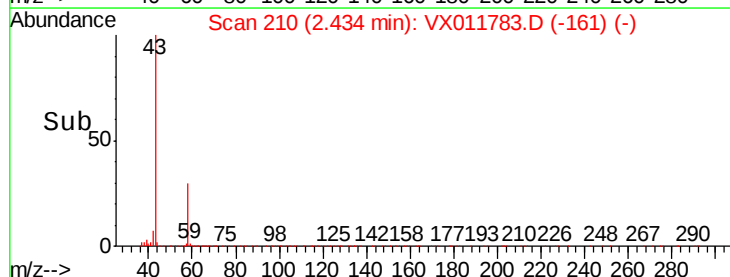
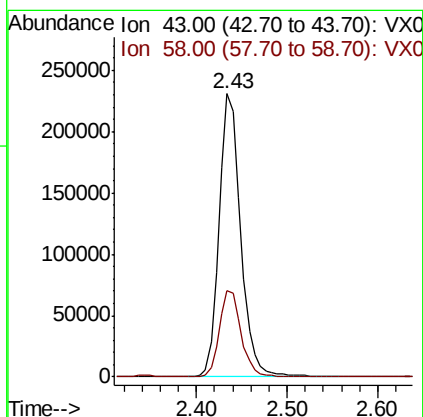
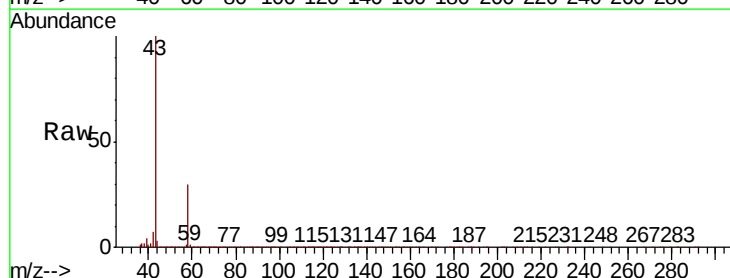
Acq: 22 Aug 2019 23:34

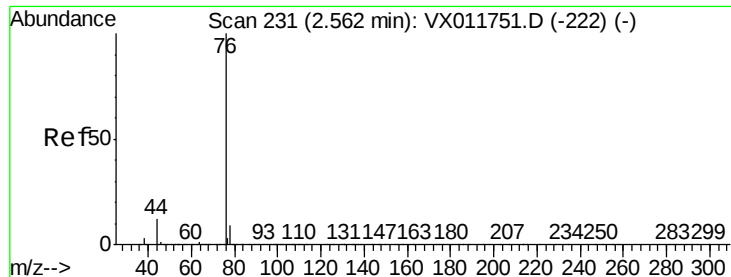
Tgt Ion: 43 Resp: 381772

Ion Ratio Lower Upper

43 100

58 30.4 24.4 36.6





#17

Carbon Disulfide

Concen: 47.578 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

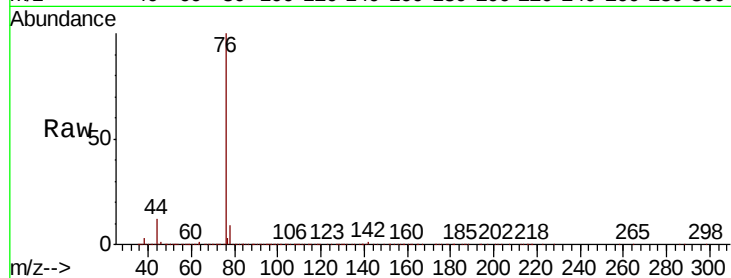
VSTDCCC050EC

Tgt Ion: 76 Resp: 367341

Ion Ratio Lower Upper

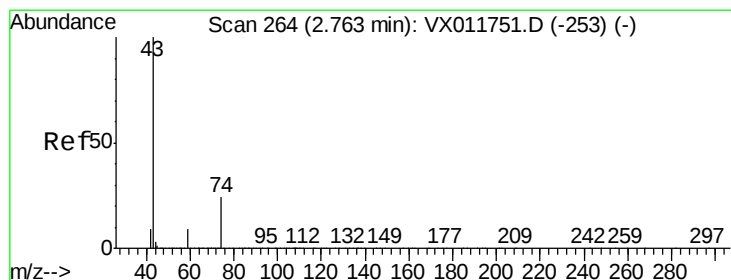
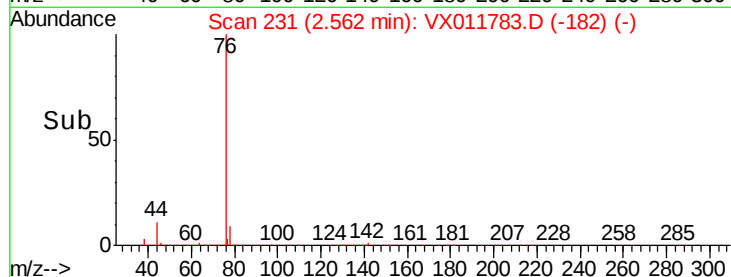
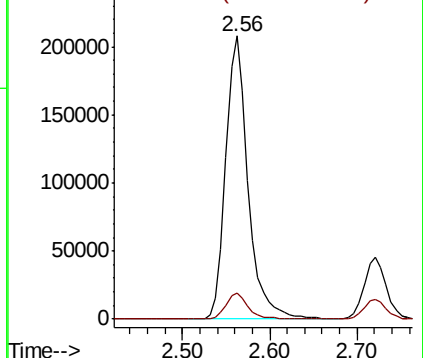
76 100

78 9.3 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: 53.089 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011783.D

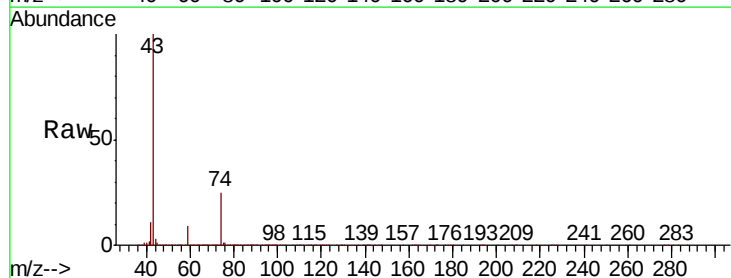
Acq: 22 Aug 2019 23:34

Tgt Ion: 43 Resp: 244575

Ion Ratio Lower Upper

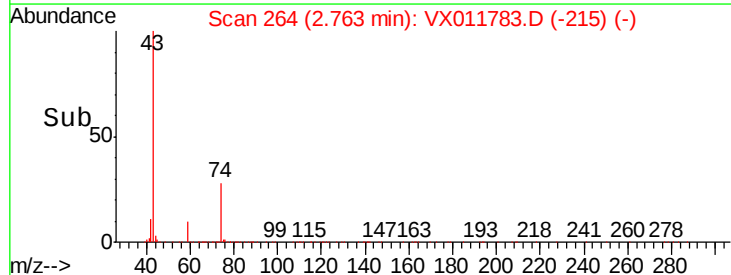
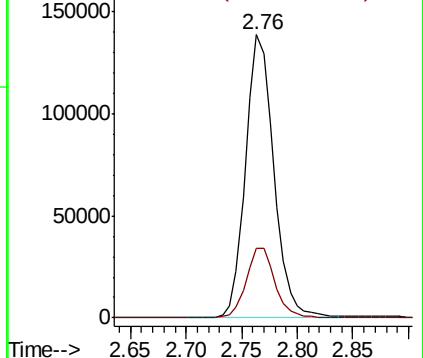
43 100

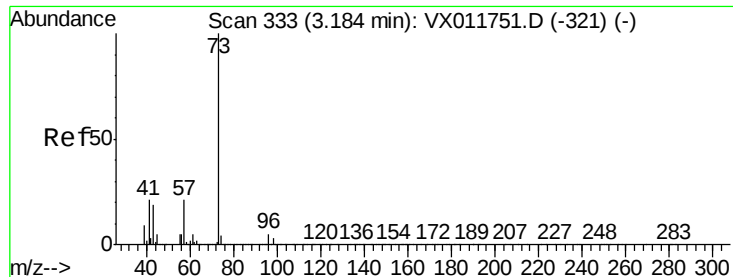
74 25.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

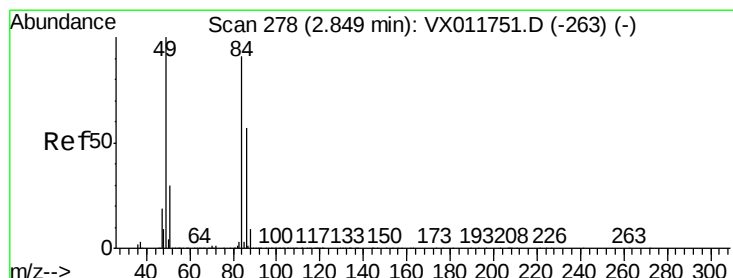
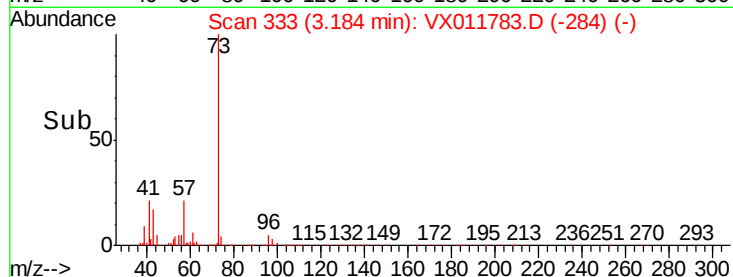
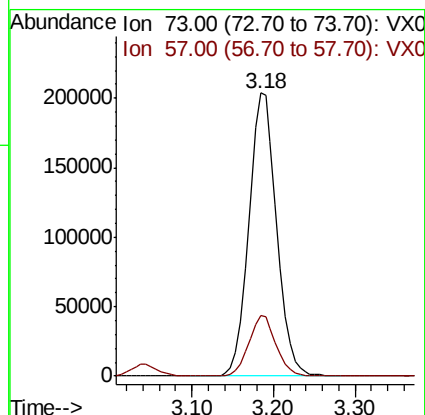
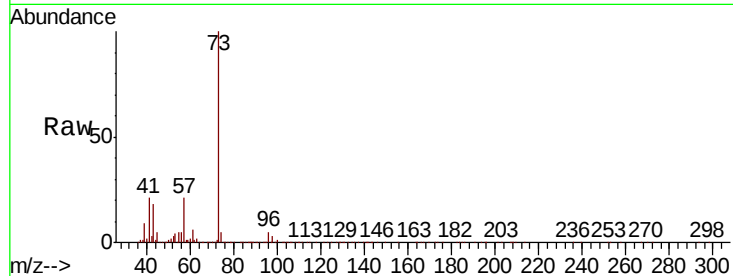




#19
Methyl tert-butyl Ether
Concen: 49.130 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

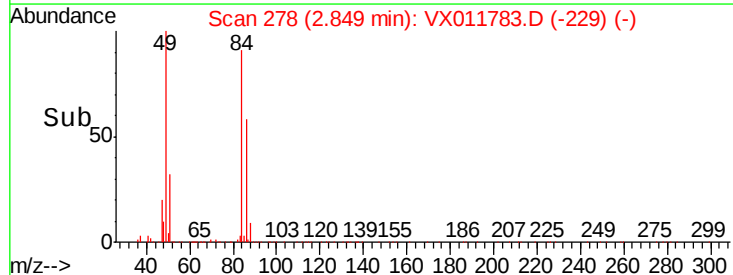
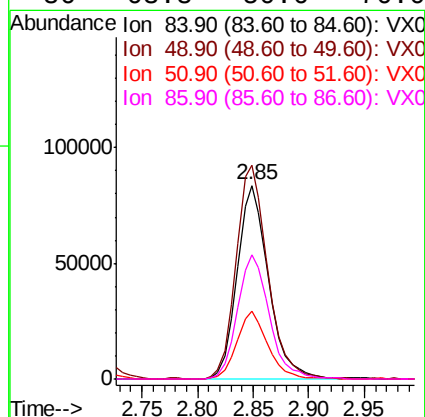
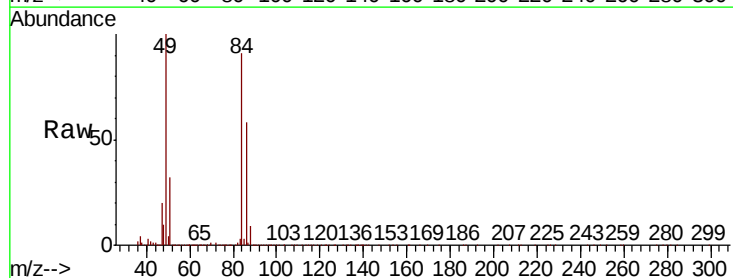
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

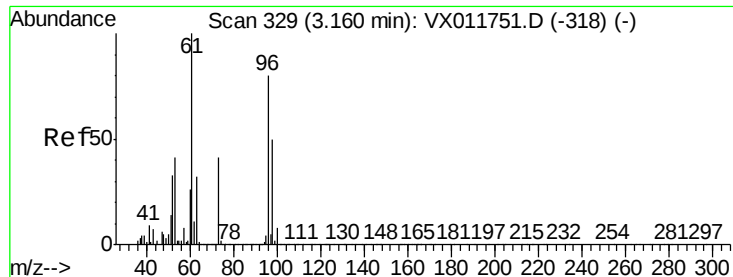
Tgt Ion: 73 Resp: 481242
Ion Ratio Lower Upper
73 100
57 21.2 16.4 24.6



#20
Methylene Chloride
Concen: 46.867 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 84 Resp: 162677
Ion Ratio Lower Upper
84 100
49 110.2 88.3 132.5
51 35.3 26.2 39.2
86 63.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.879 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

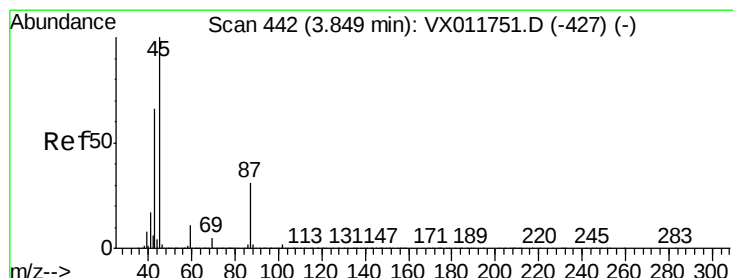
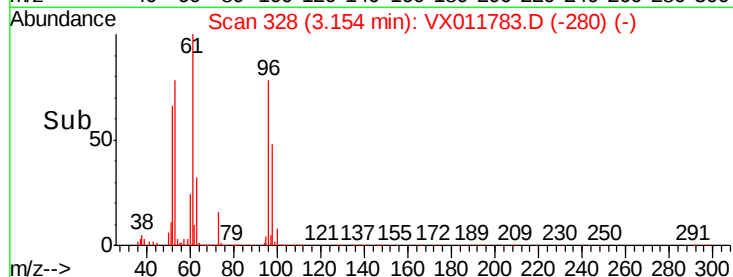
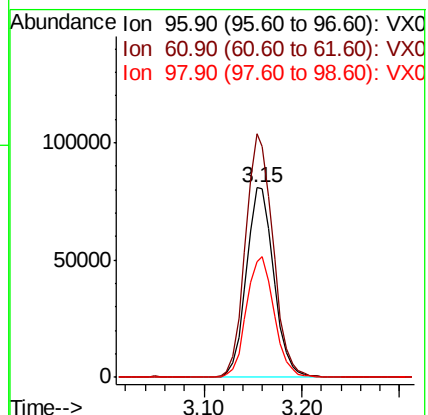
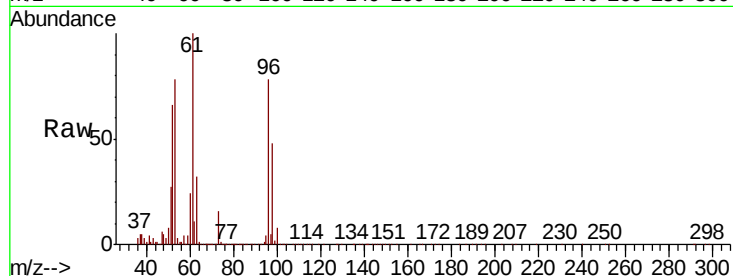
Tgt Ion: 96 Resp: 157700

Ion Ratio Lower Upper

96 100

61 128.4 99.8 149.8

98 61.4 50.3 75.5



#22

Diisopropyl ether

Concen: 50.927 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion: 45 Resp: 471343

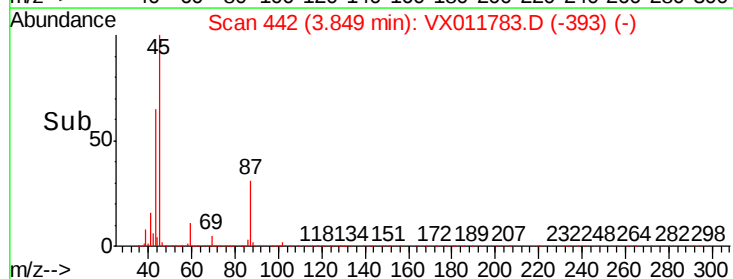
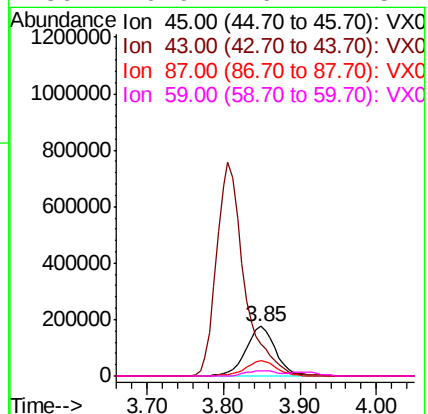
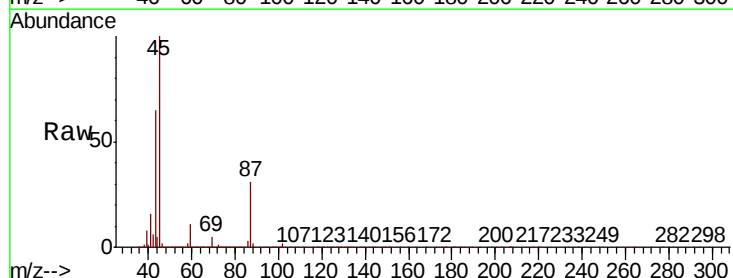
Ion Ratio Lower Upper

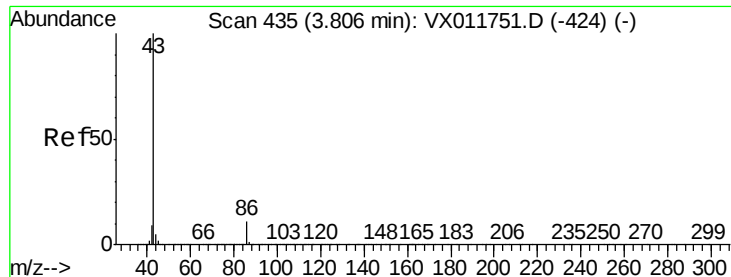
45 100

43 64.7 53.0 79.6

87 30.6 24.7 37.1

59 10.9 9.1 13.7





#23

Vinyl Acetate

Concen: 249.582 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

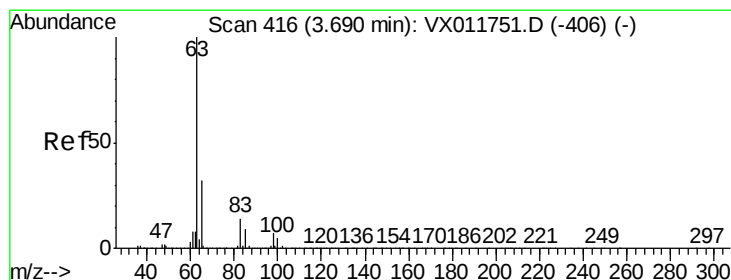
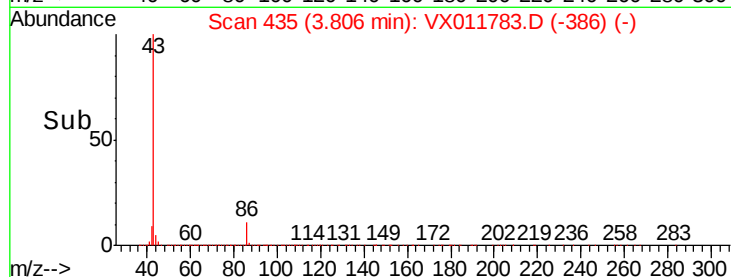
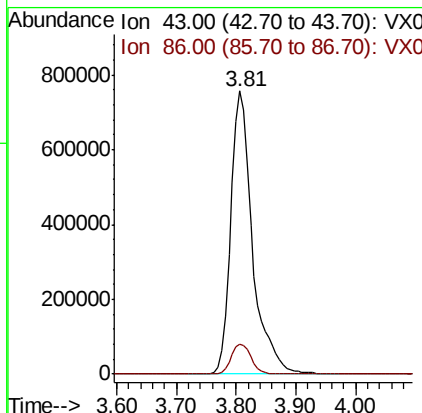
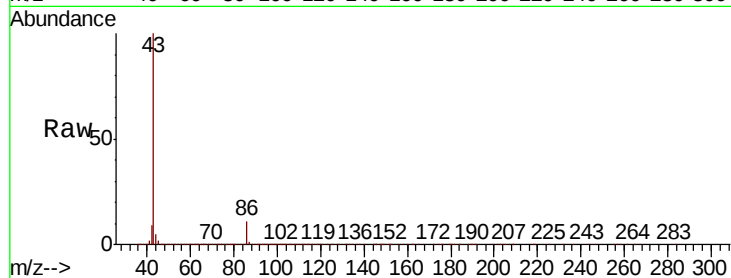
VSTDCCC050EC

Tgt Ion: 43 Resp: 1912527

Ion Ratio Lower Upper

43 100

86 10.7 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.023 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

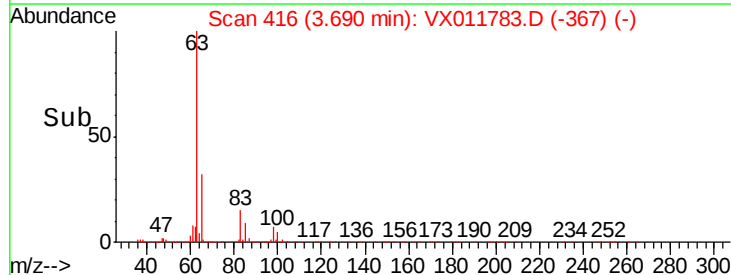
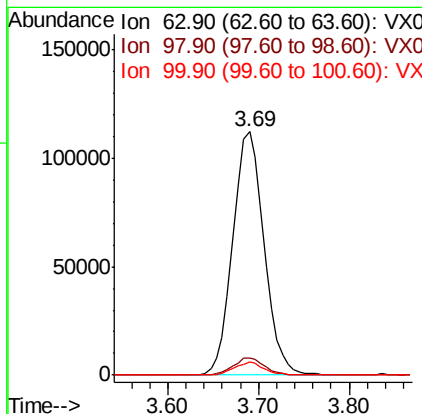
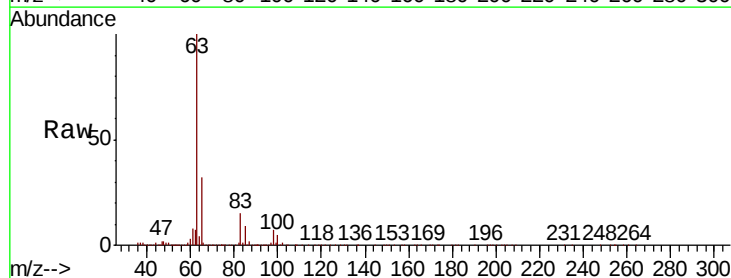
Tgt Ion: 63 Resp: 267887

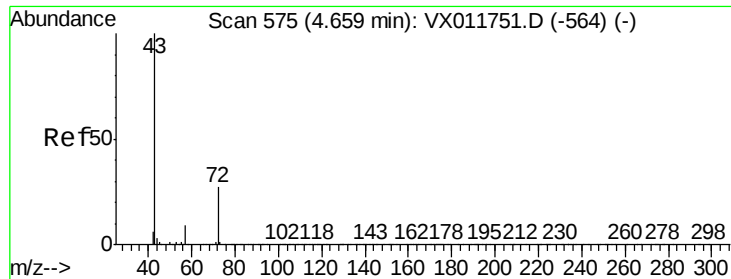
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 249.321 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

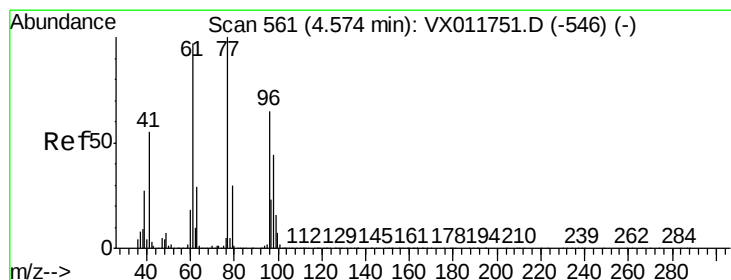
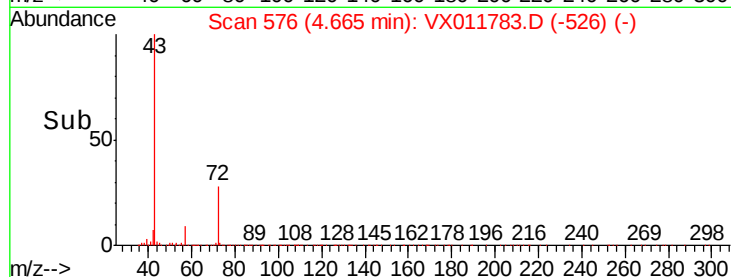
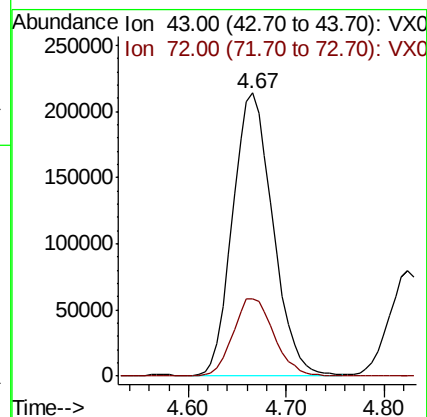
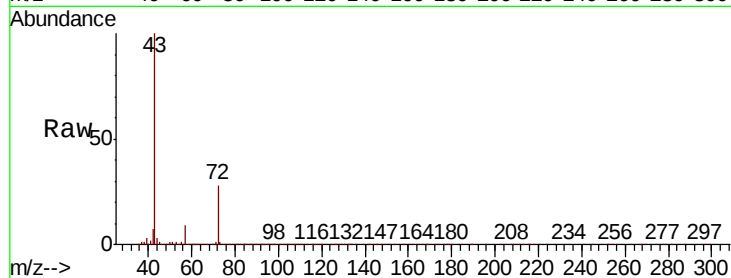
VSTDCCC050EC

Tgt Ion: 43 Resp: 607574

Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.6



#26

2,2-Dichloropropane

Concen: 36.405 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011783.D

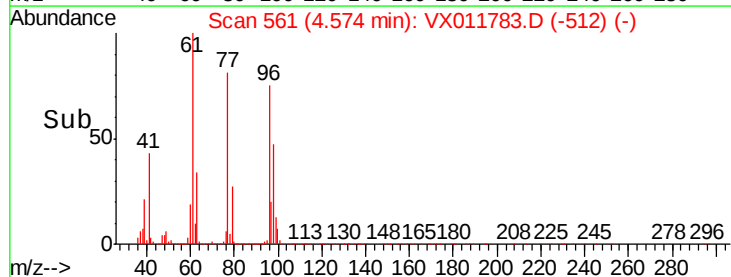
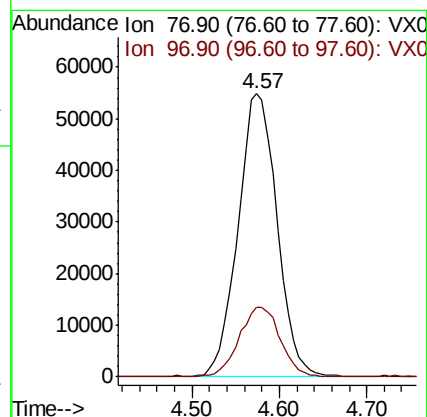
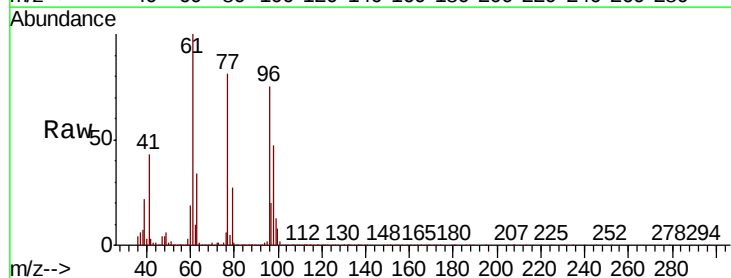
Acq: 22 Aug 2019 23:34

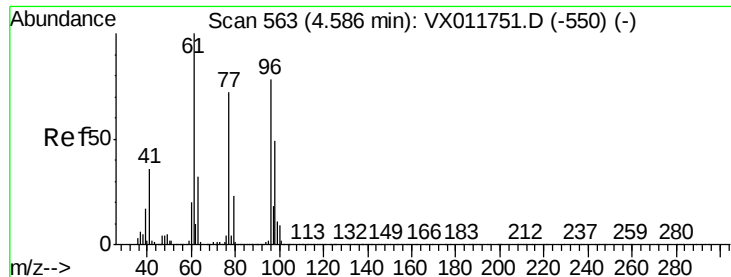
Tgt Ion: 77 Resp: 168940

Ion Ratio Lower Upper

77 100

97 25.9 12.2 36.6



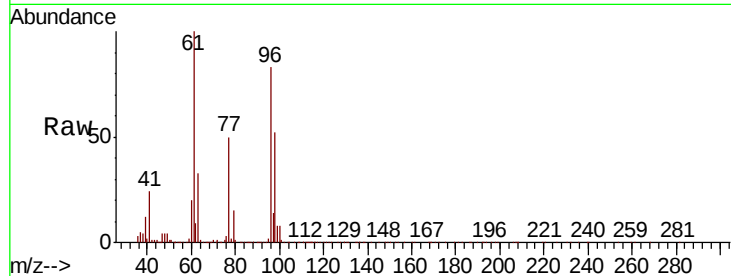


#27

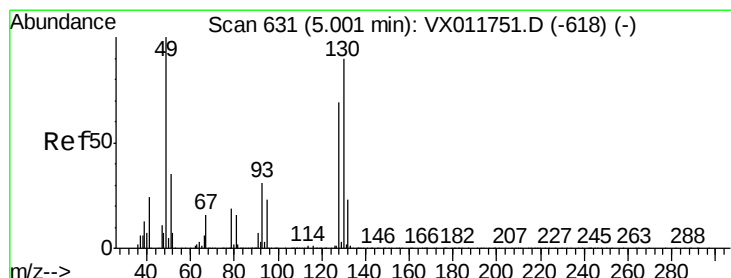
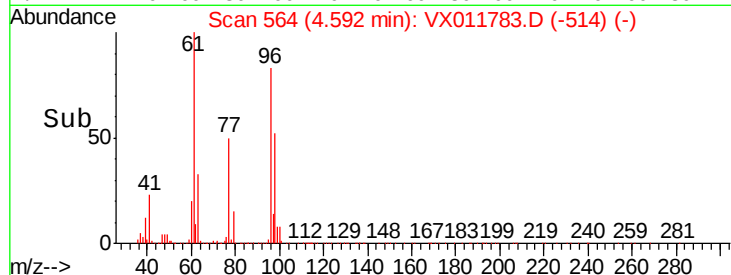
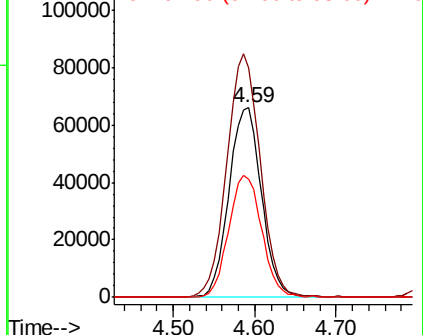
cis-1,2-Dichloroethene
 Concen: 48.273 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 182337
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 275.8
 98 65.2 0.0 128.2



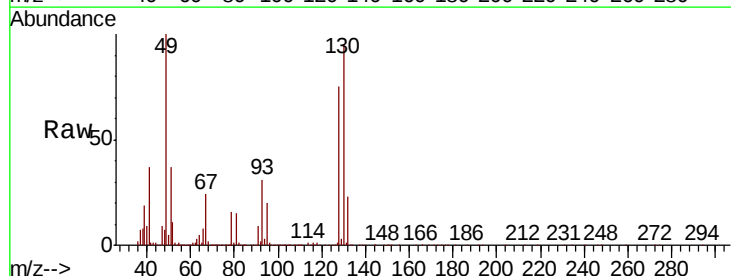
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



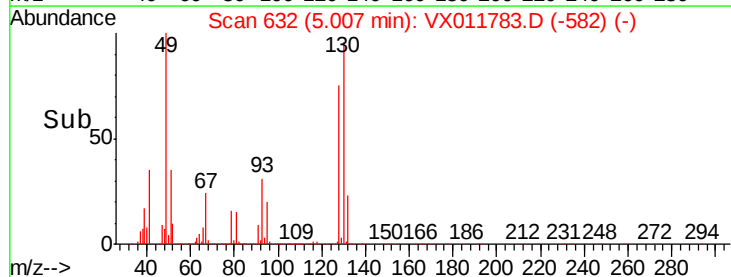
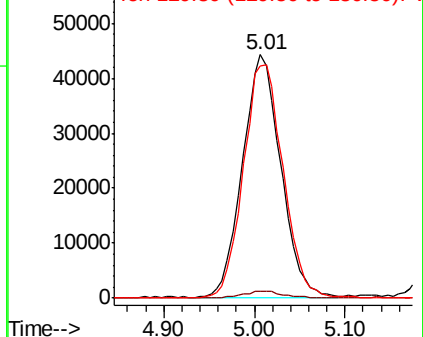
#28

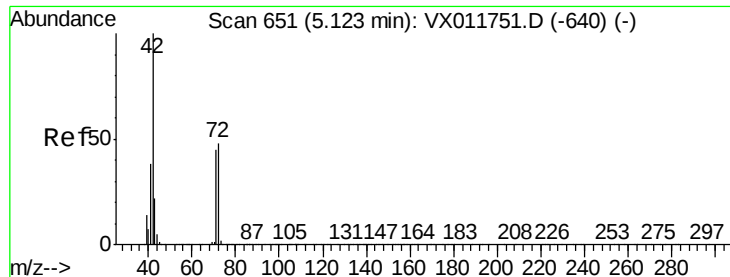
Bromochloromethane
 Concen: 52.065 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion: 49 Resp: 129150
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.8
 130 100.3 76.8 115.2



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: 259.763 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

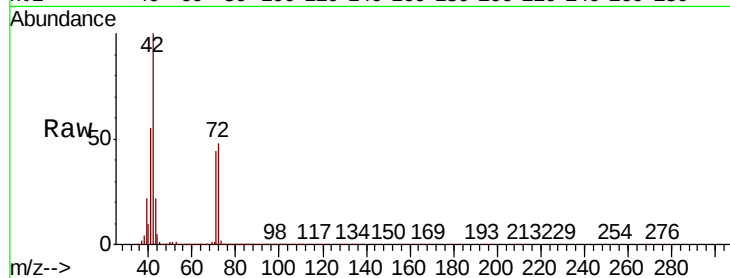
Tgt Ion: 42 Resp: 405782

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

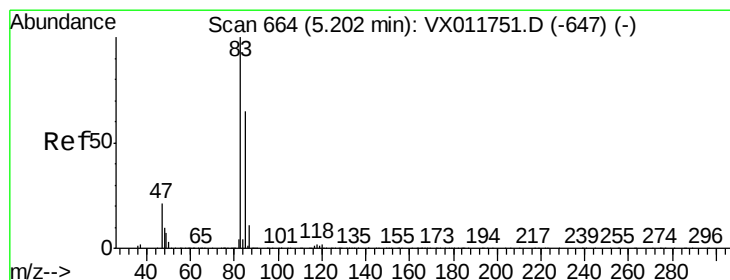
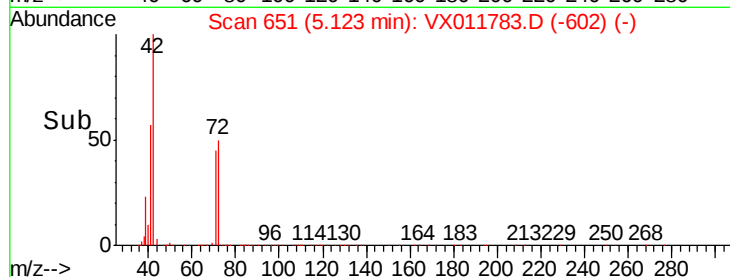
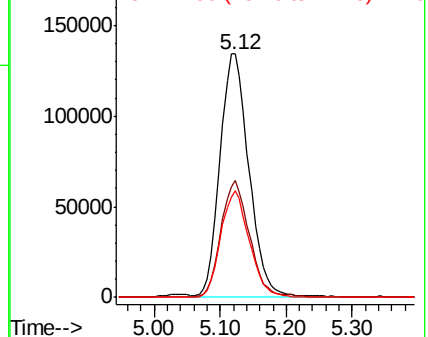
71 43.1 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.217 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011783.D

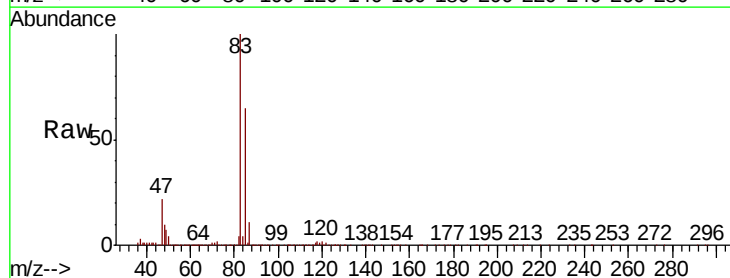
Acq: 22 Aug 2019 23:34

Tgt Ion: 83 Resp: 285860

Ion Ratio Lower Upper

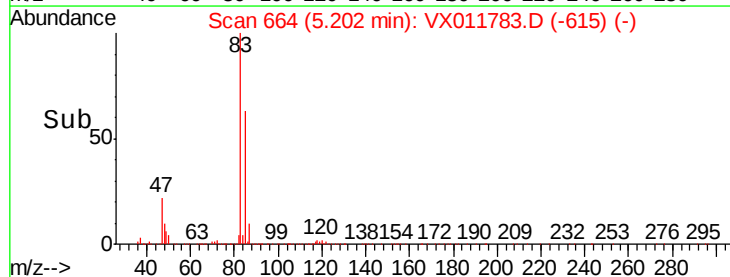
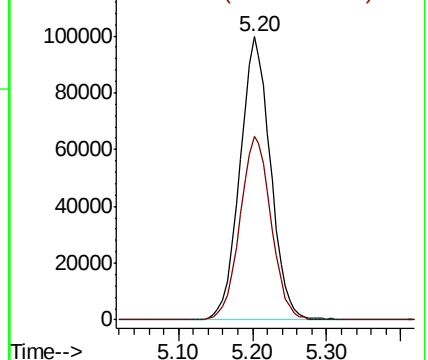
83 100

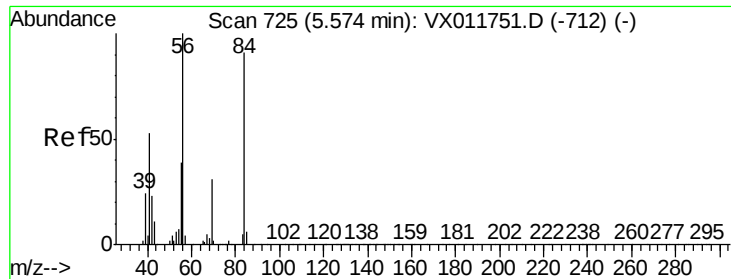
85 64.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

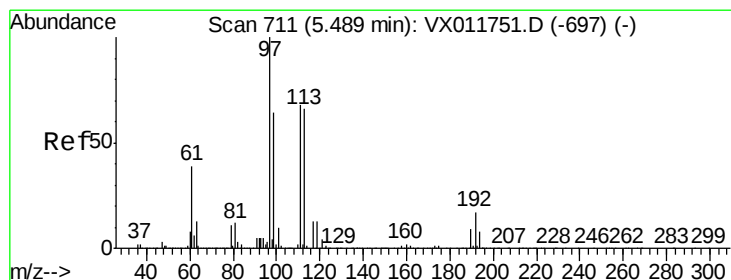
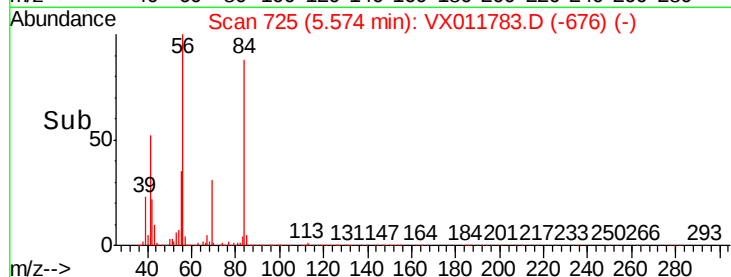
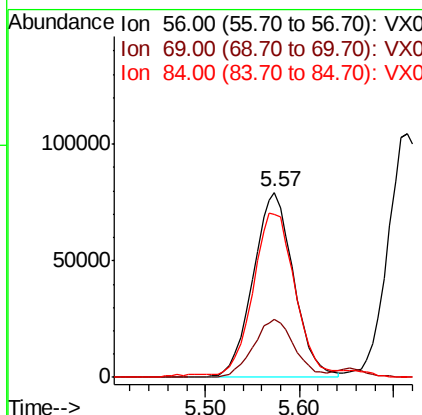
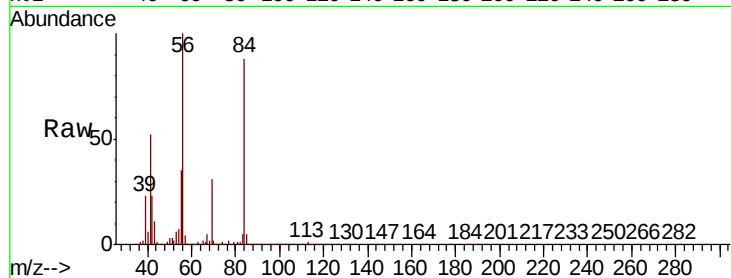




#31
Cyclohexane
Concen: 49.600 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

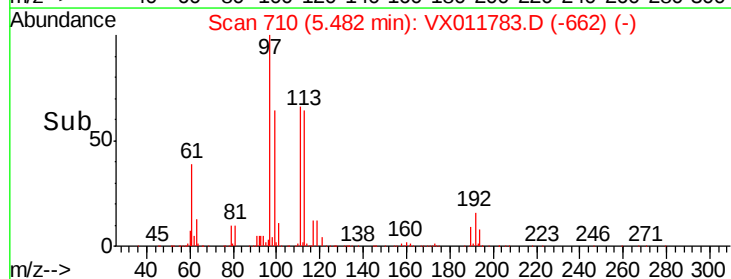
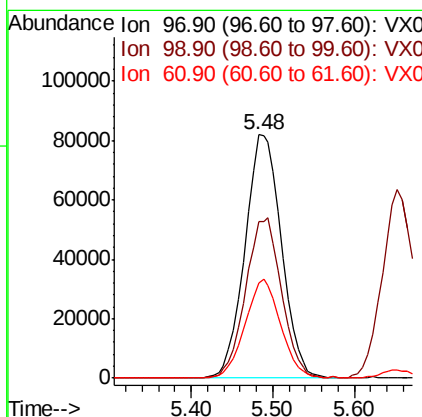
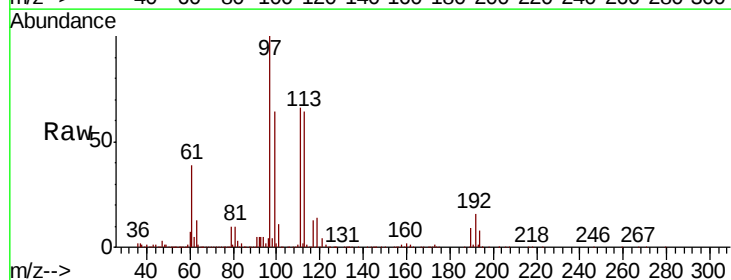
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

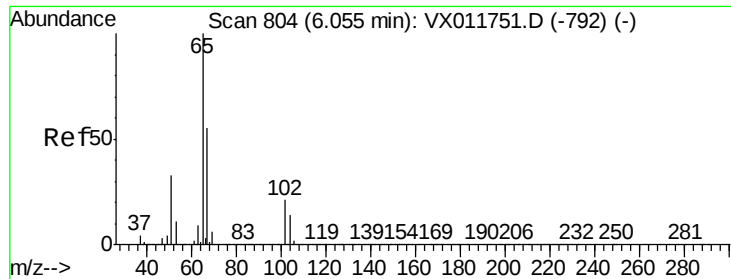
Tgt Ion: 56 Resp: 238035
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 86.7 72.7 109.1



#32
1,1,1-Trichloroethane
Concen: 49.513 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 97 Resp: 255164
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 39.3 31.6 47.4





#33

1,2-Dichloroethane-d4

Concen: 46.530 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

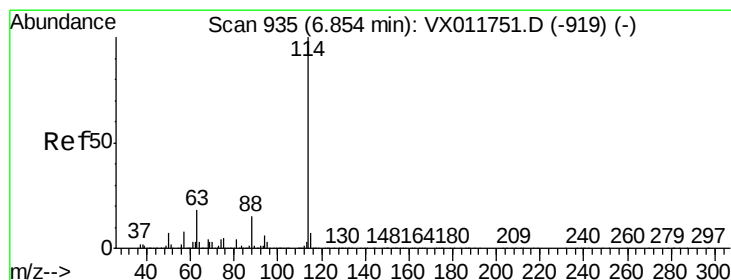
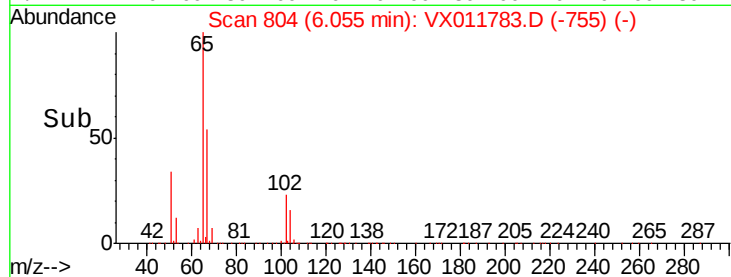
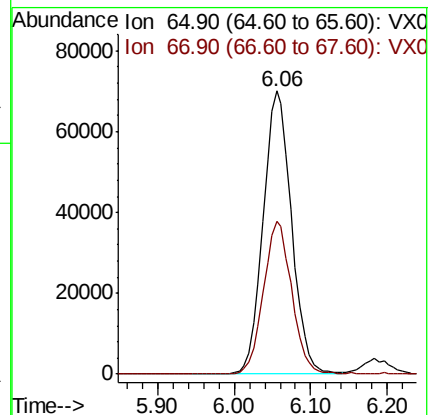
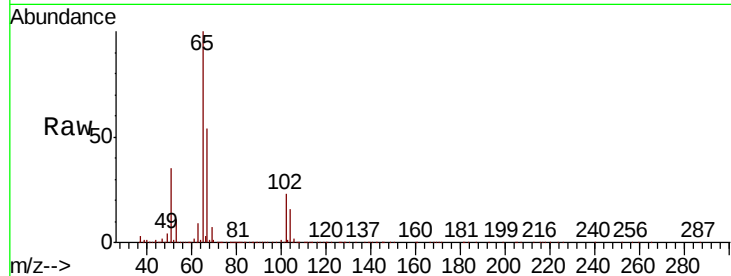
VSTDCCC050EC

Tgt Ion: 65 Resp: 181602

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

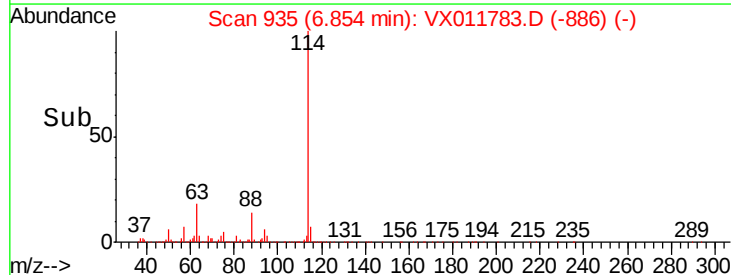
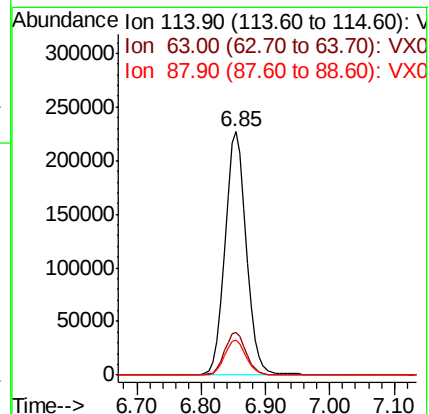
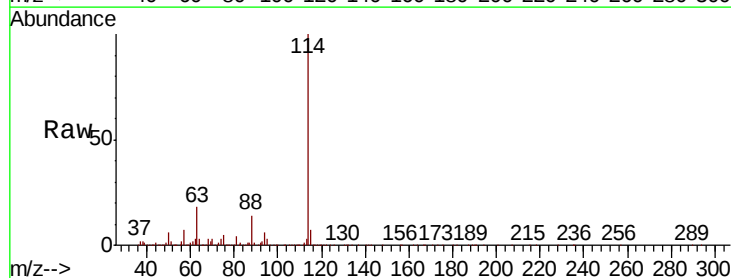
Tgt Ion: 114 Resp: 530852

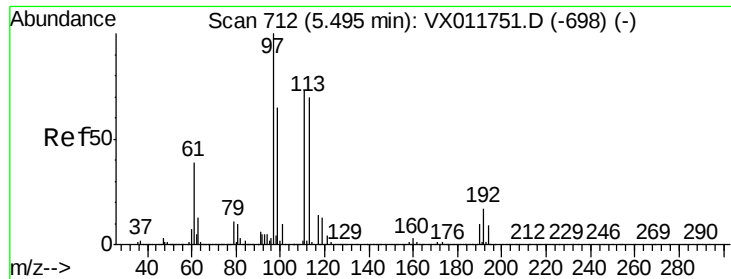
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 14.3 0.0 30.2

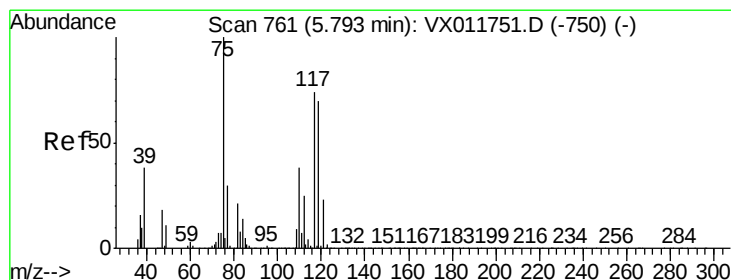
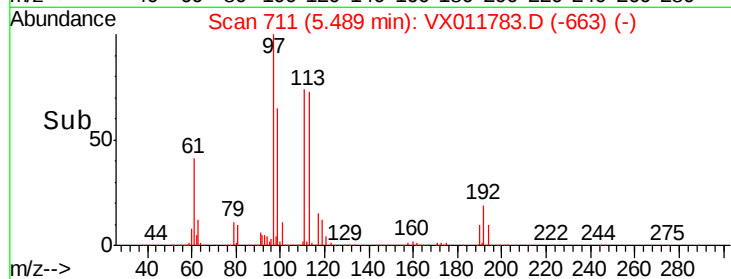
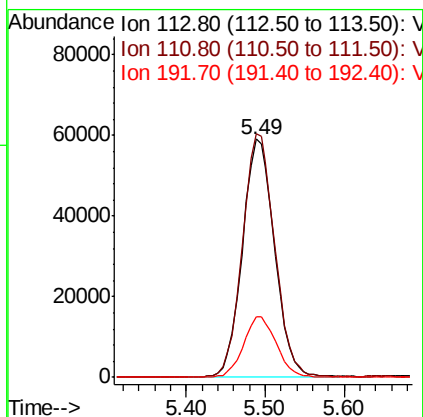
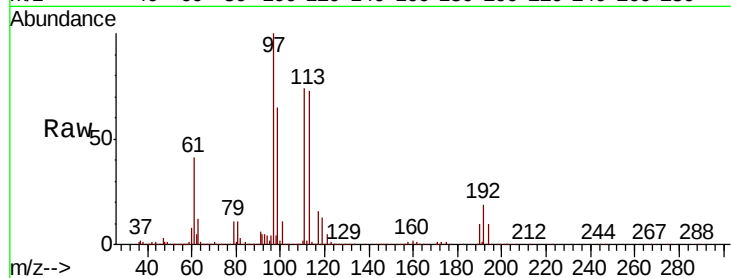




#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

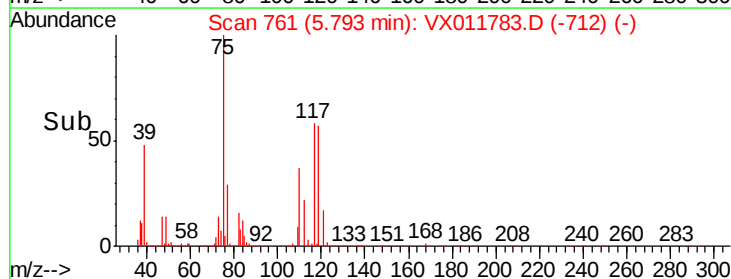
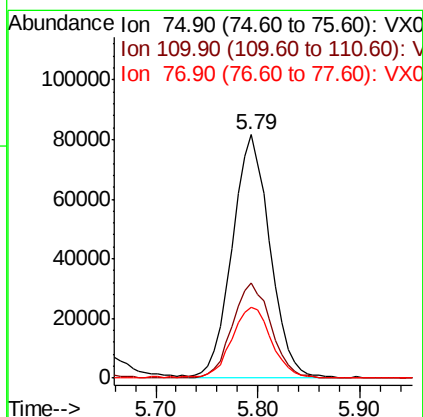
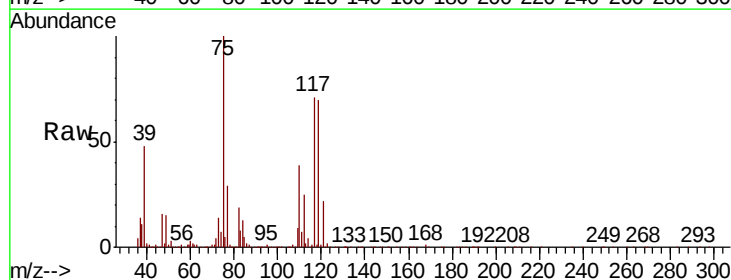
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

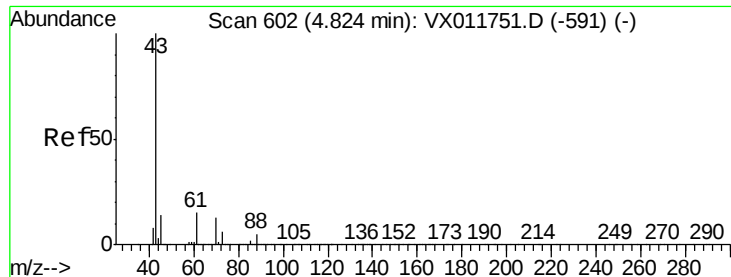
Tgt Ion: 113 Resp: 167700
Ion Ratio Lower Upper
113 100
111 102.2 81.0 121.4
192 26.0 19.9 29.9



#36
1,1-Dichloropropene
Concen: 49.942 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 75 Resp: 207899
Ion Ratio Lower Upper
75 100
110 40.5 19.0 57.0
77 30.2 24.6 36.8

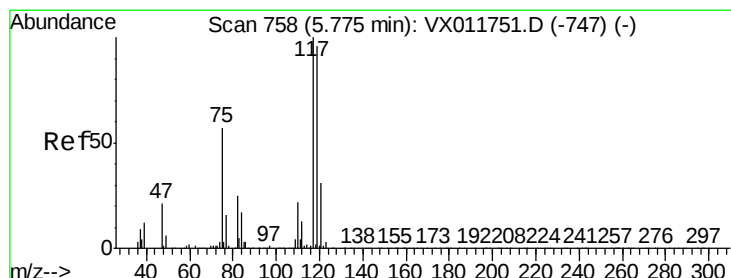
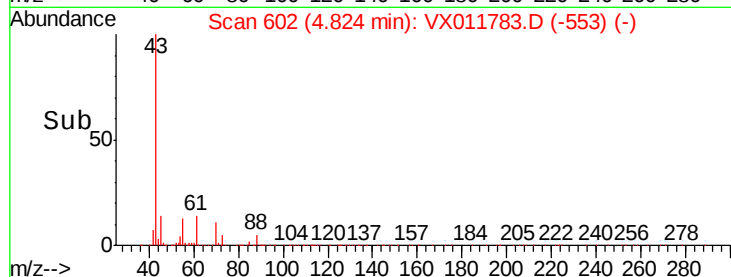
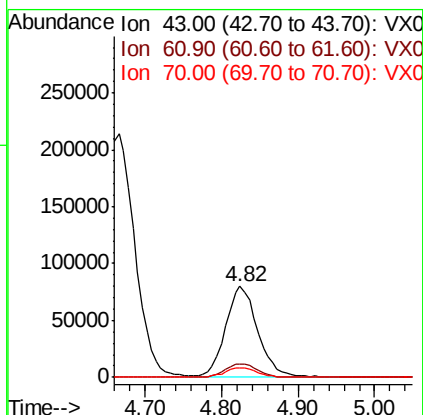
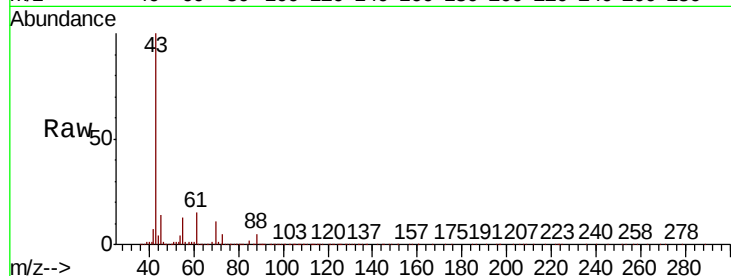




#37
Ethyl Acetate
Concen: 52.298 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

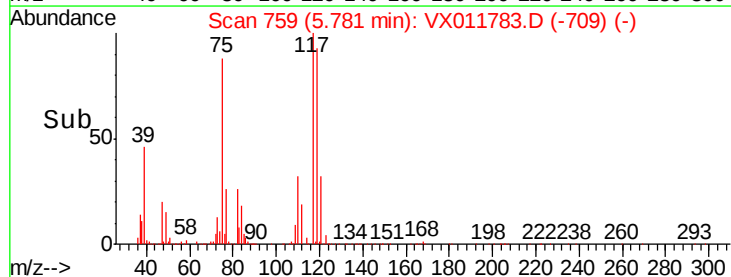
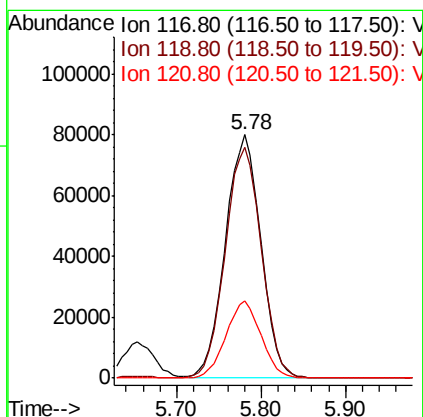
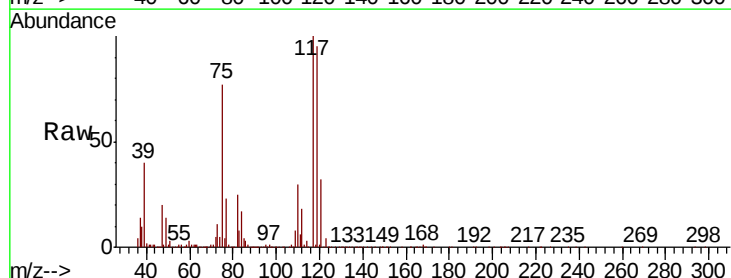
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

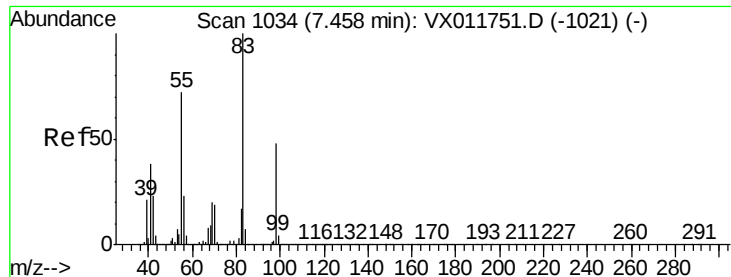
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.1	9.5	14.3



#38
Carbon Tetrachloride
Concen: 48.407 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	114.8
121	31.5	25.2	37.8

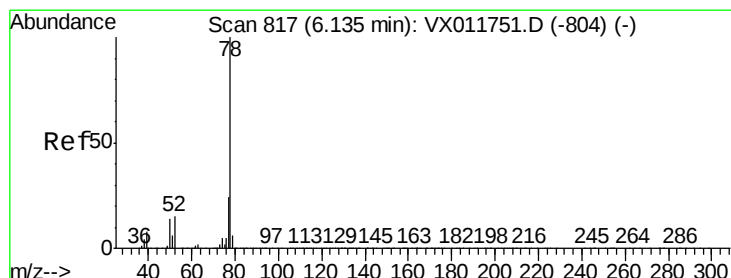
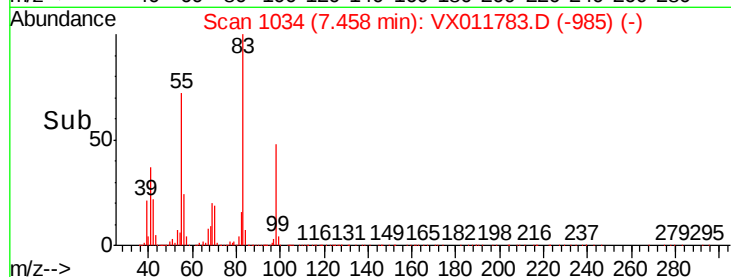
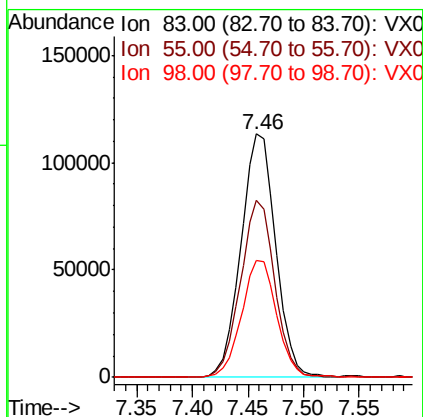
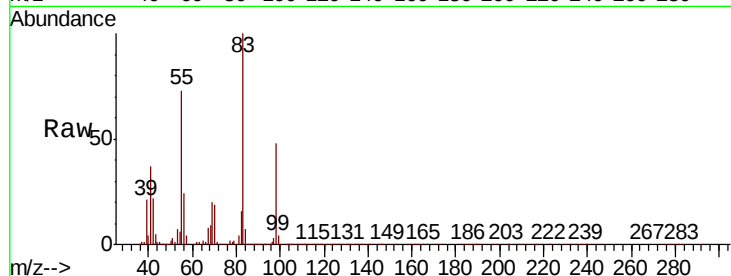




#39
Methylcyclohexane
Concen: 47.705 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

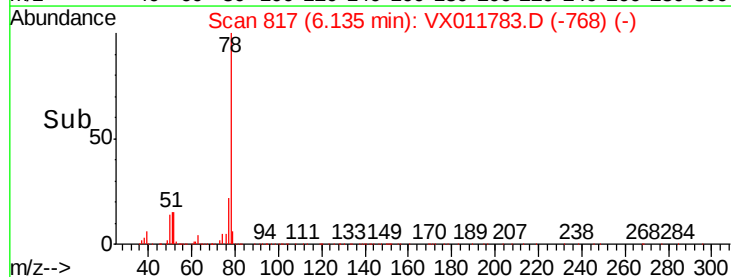
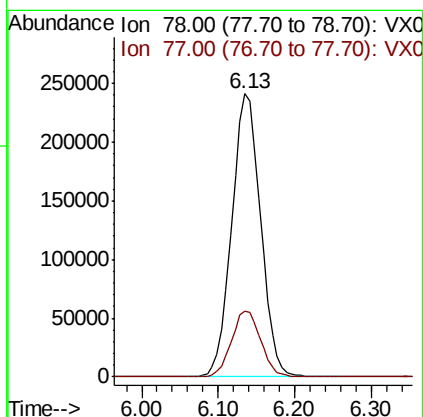
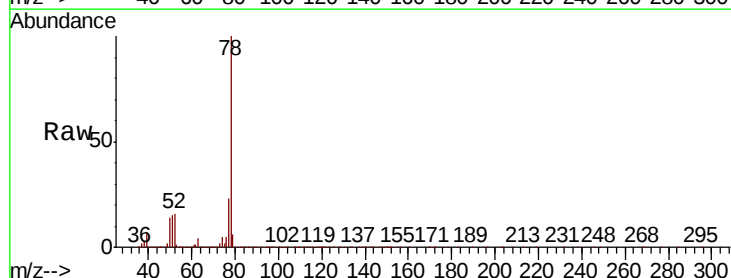
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

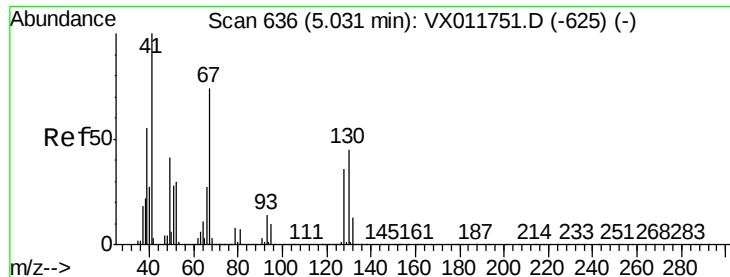
Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.8	86.6
98	48.0	38.6	58.0



#40
Benzene
Concen: 48.808 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7

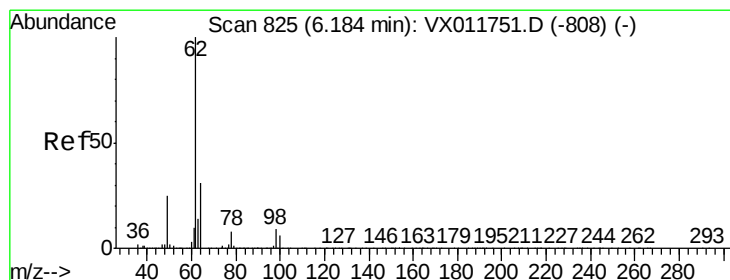
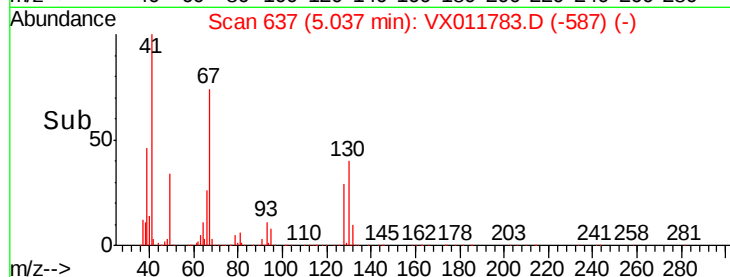
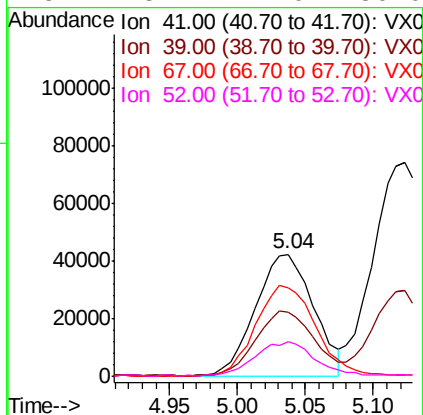
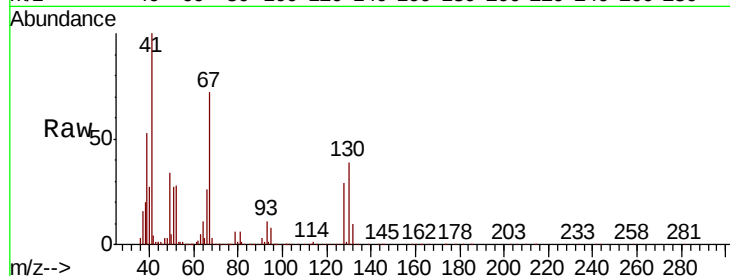




#41
Methacrylonitrile
Concen: 48.883 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

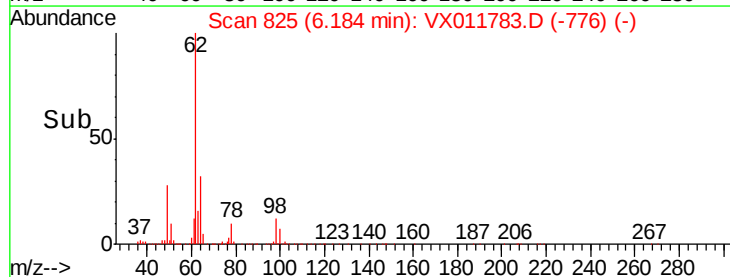
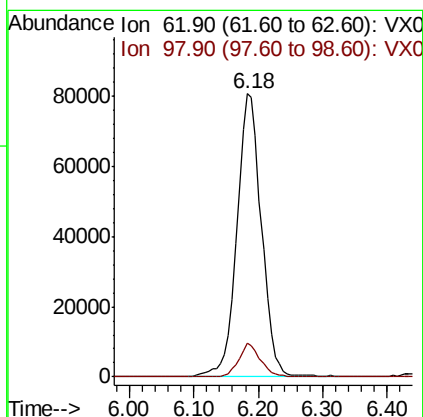
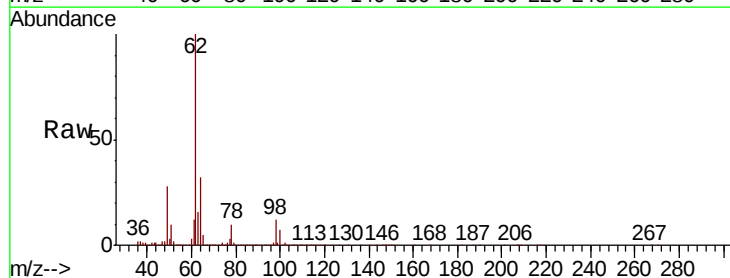
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

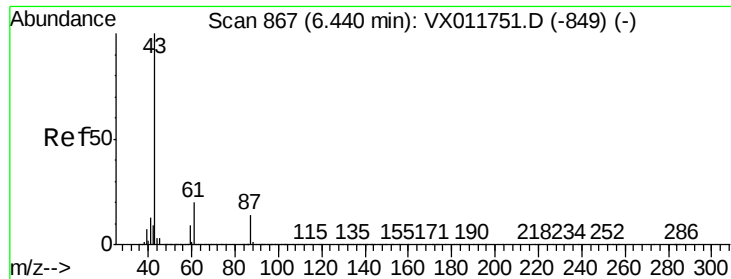
Tgt Ion:	41	Resp:	125240
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.3	66.5
67	77.9	60.3	90.5
52	28.7	24.0	36.0



#42
1,2-Dichloroethane
Concen: 44.817 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion:	62	Resp:	210971
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.8



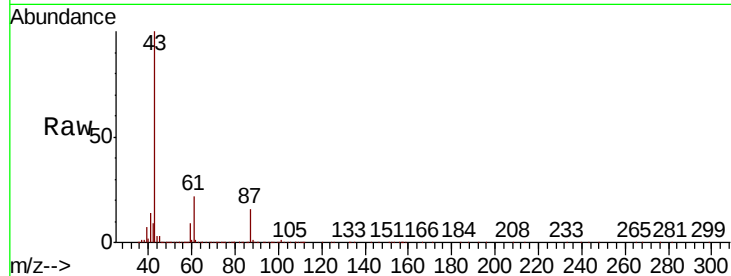


#43

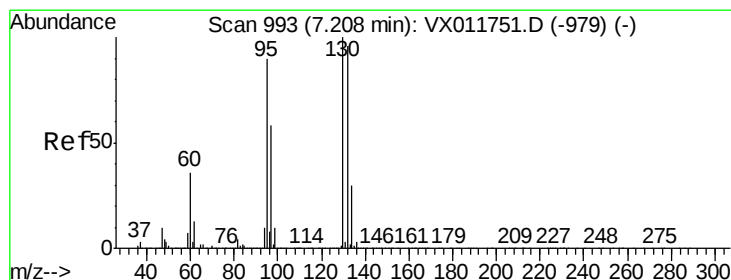
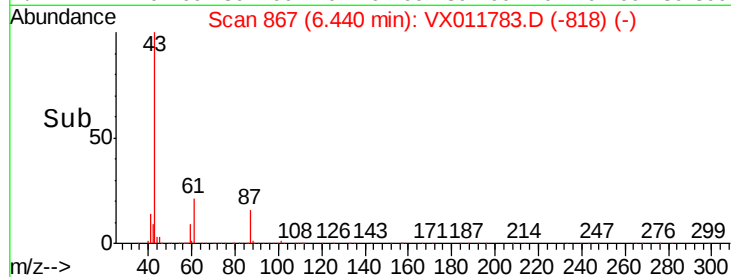
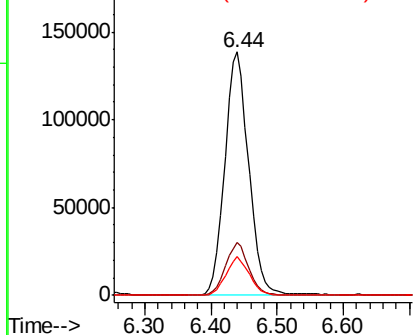
Isopropyl Acetate
 Concen: 48.467 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.2	24.2
87	15.2	11.6	17.4



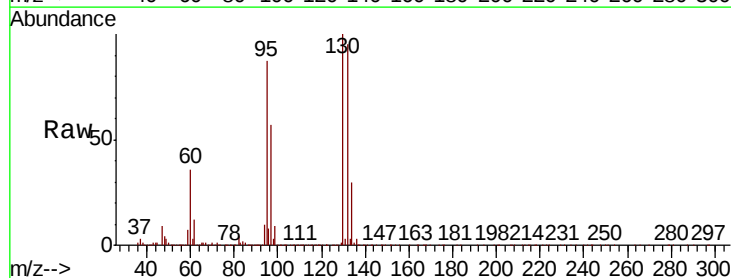
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



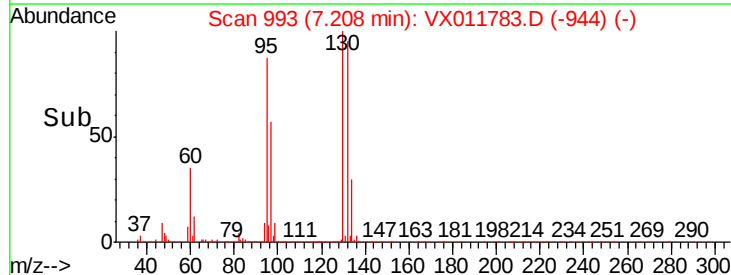
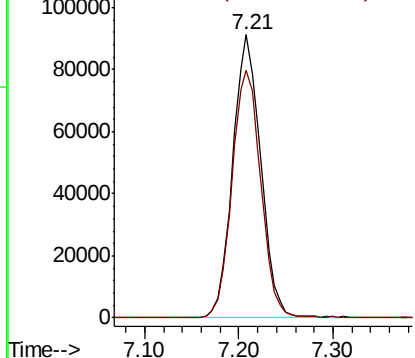
#44

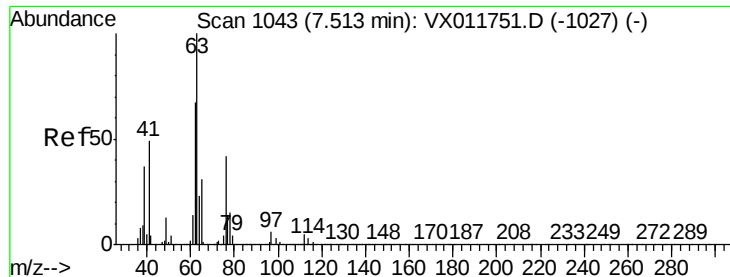
Trichloroethene
 Concen: 47.573 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.3	0.0	179.0



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

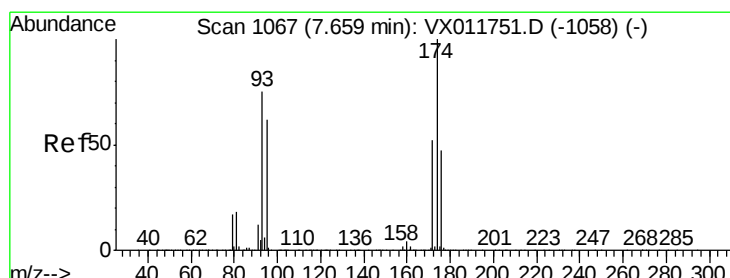
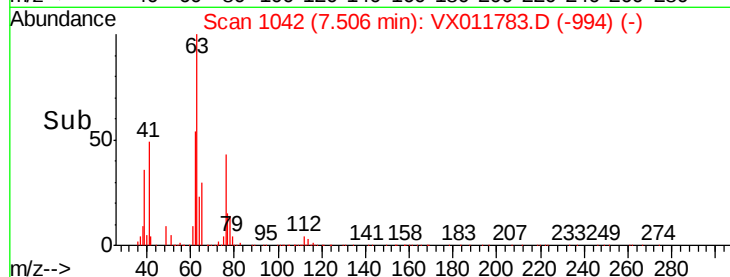
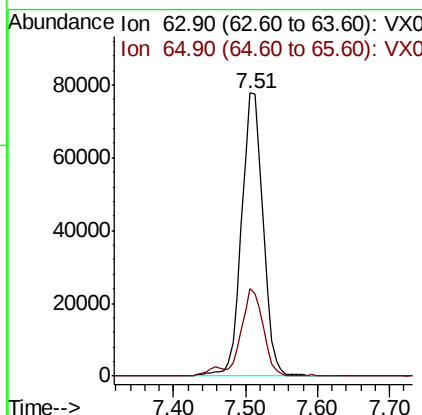
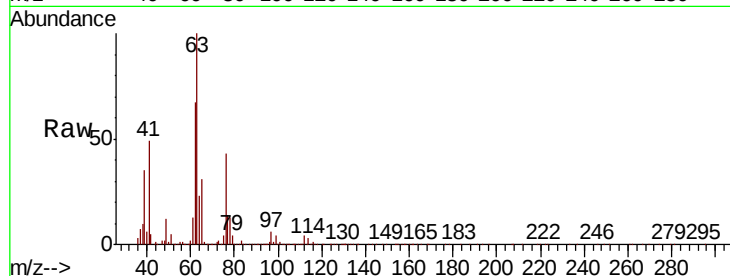




#45
 1,2-Dichloropropane
 Concen: 49.430 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

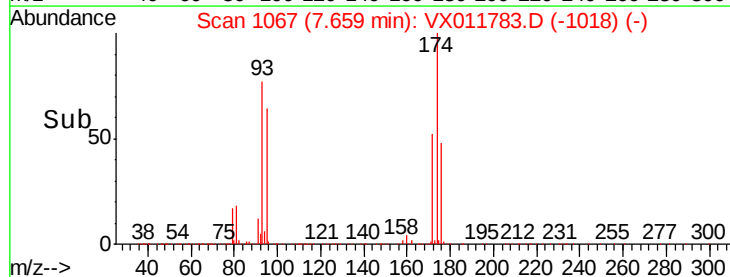
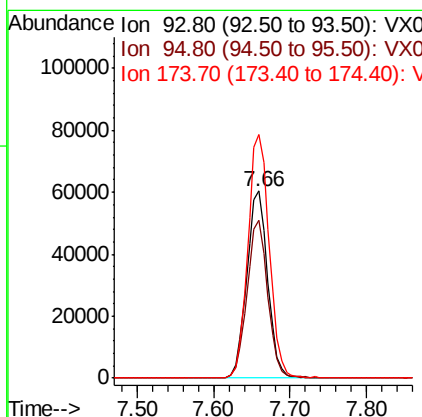
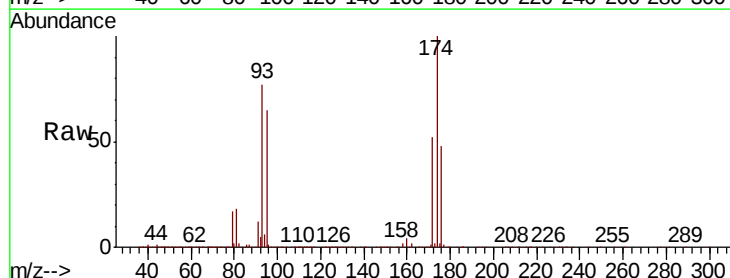
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

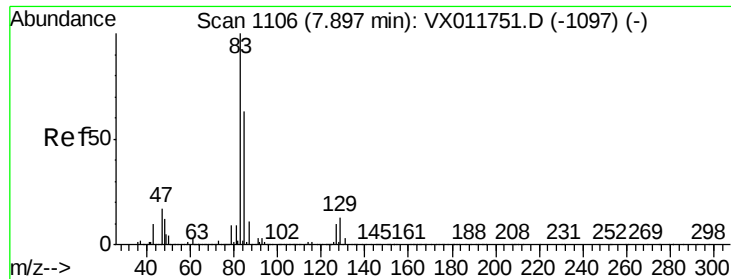
Tgt Ion: 63 Resp: 159994
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 48.276 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion: 93 Resp: 115204
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.2
 174 132.7 104.2 156.4





#47

Bromodichloromethane

Concen: 48.401 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

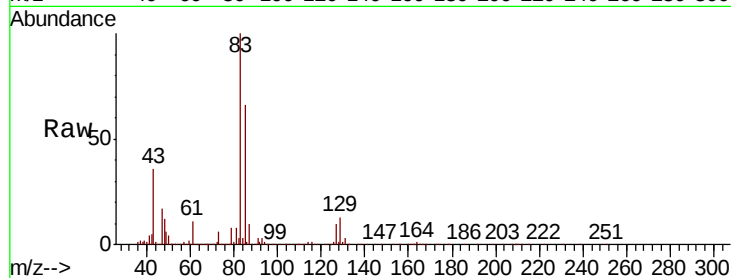
Tgt Ion: 83 Resp: 207920

Ion Ratio Lower Upper

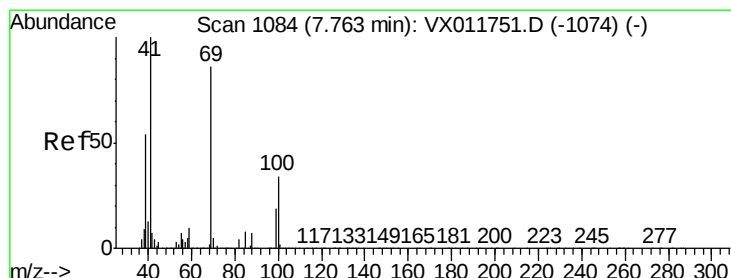
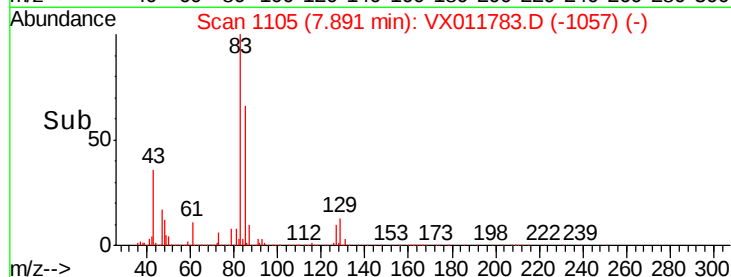
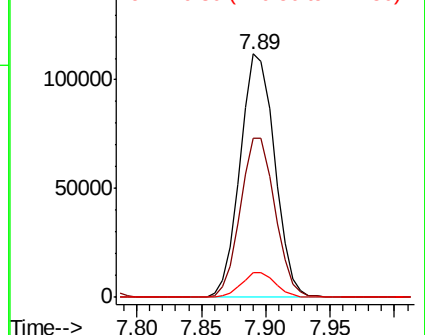
83 100

85 65.5 50.6 76.0

127 10.0 8.4 12.6



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



#48

Methyl methacrylate

Concen: 50.631 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

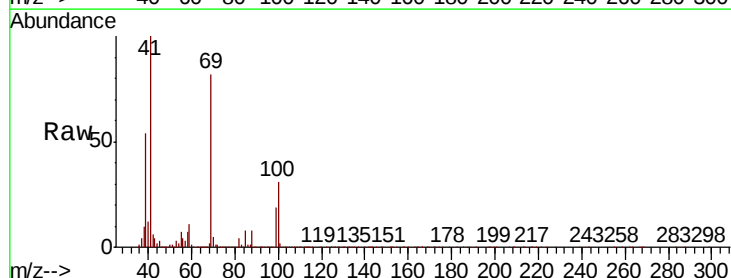
Tgt Ion: 41 Resp: 179659

Ion Ratio Lower Upper

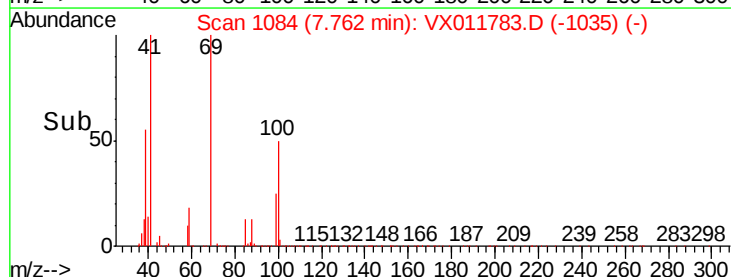
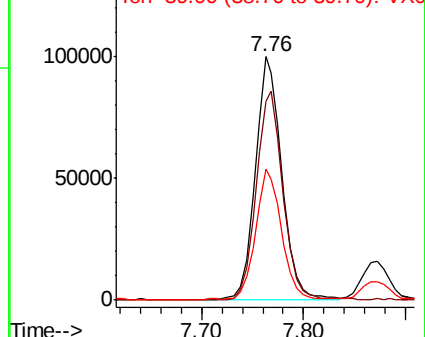
41 100

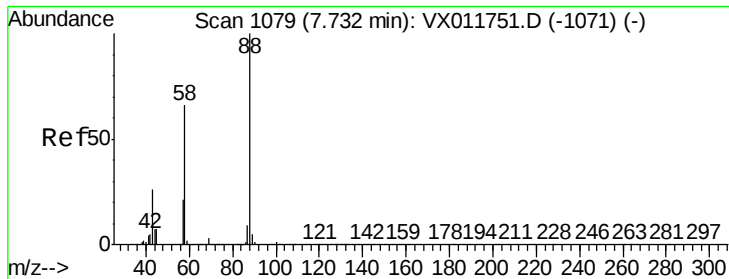
69 87.7 69.4 104.2

39 52.3 43.6 65.4



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

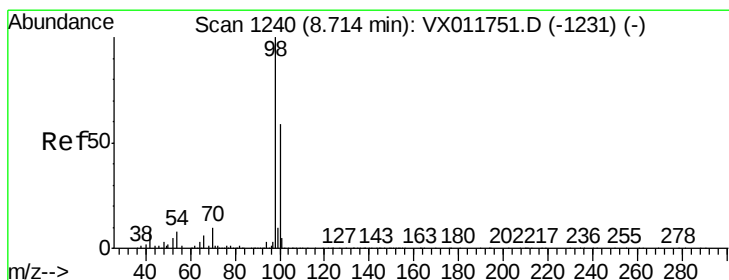
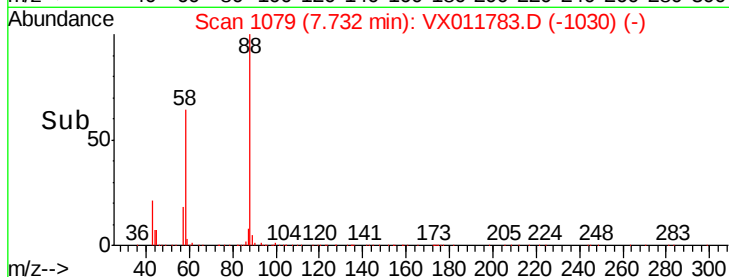
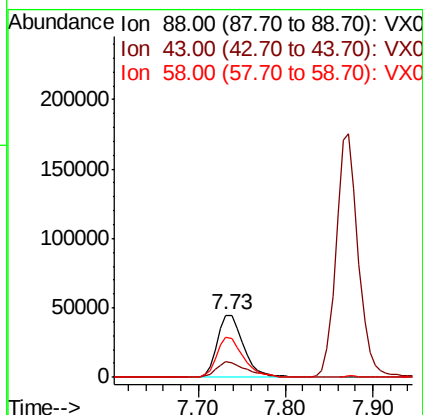
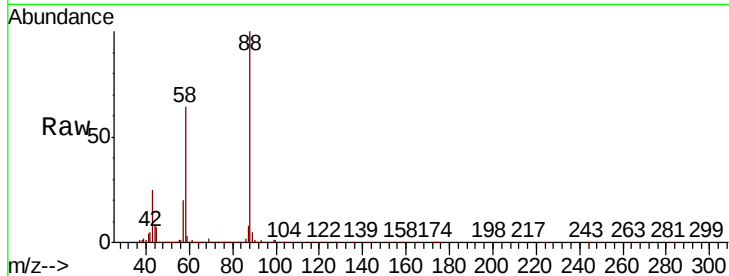




#49
1,4-Dioxane
Concen: 939.586 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

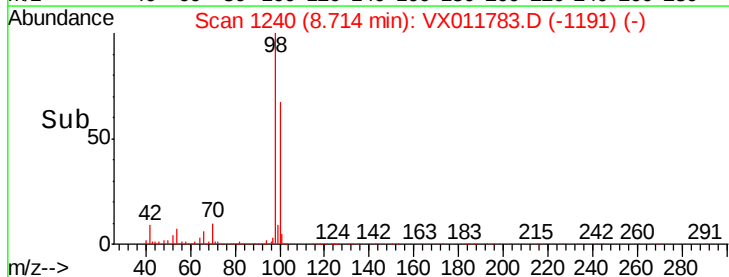
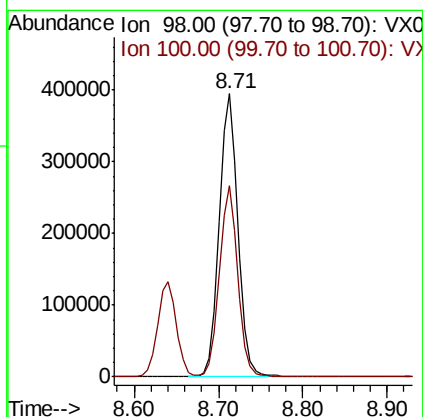
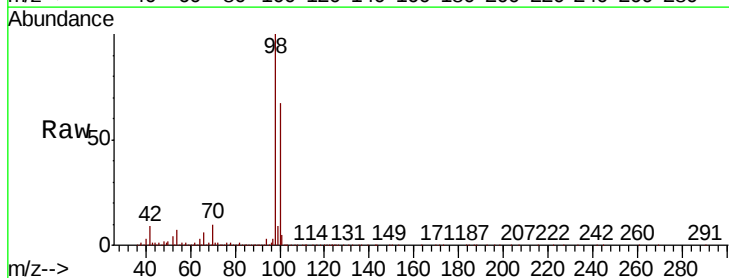
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

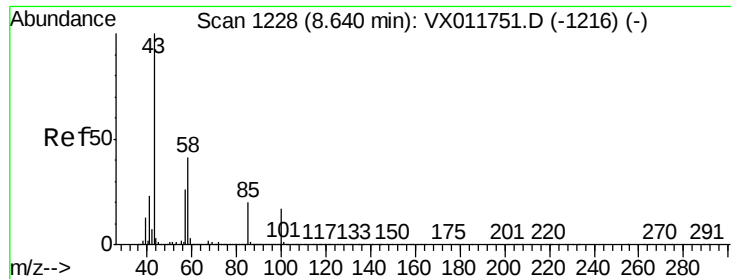
Tgt Ion: 88 Resp: 92376
Ion Ratio Lower Upper
88 100
43 28.2 24.6 37.0
58 65.7 51.4 77.2



#50
Toluene-d8
Concen: 50.752 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 98 Resp: 607671
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

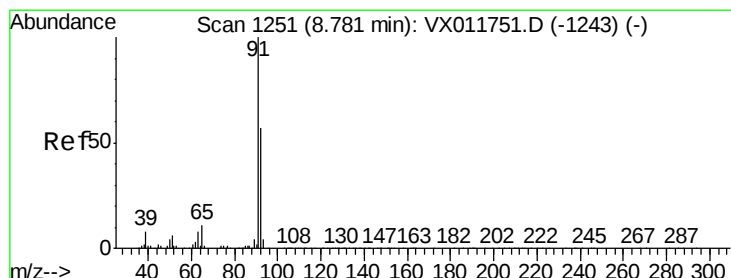
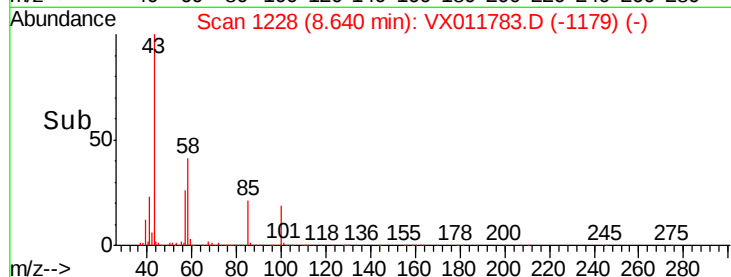
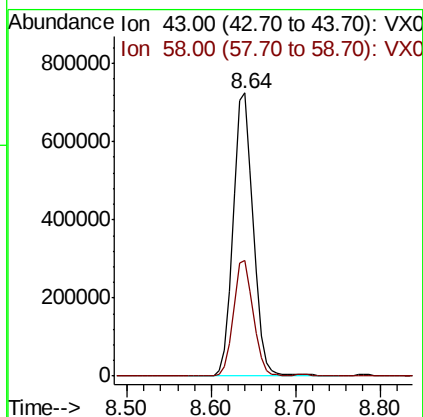
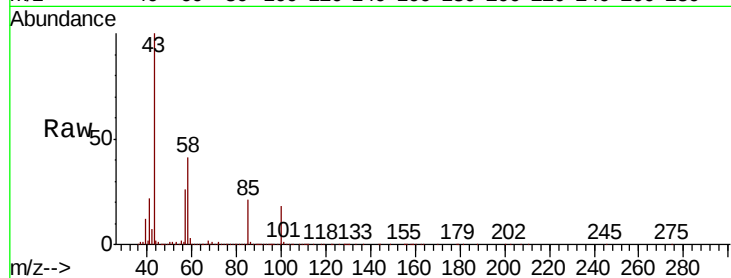




#51
4-Methyl-2-Pentanone
Concen: 248.509 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

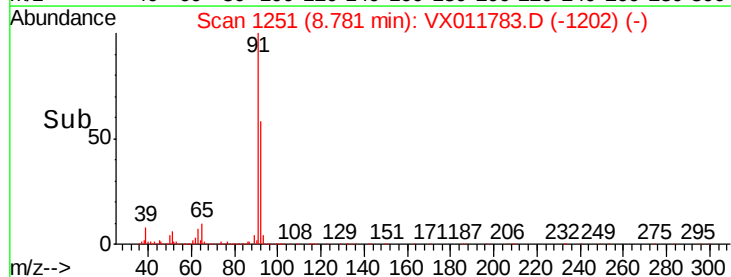
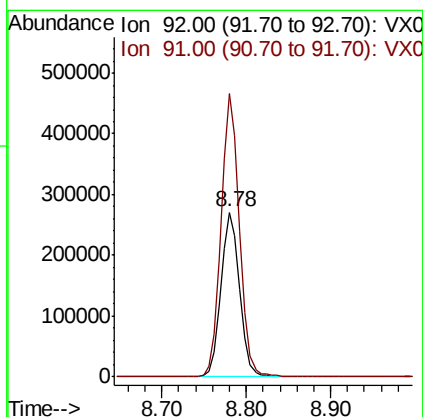
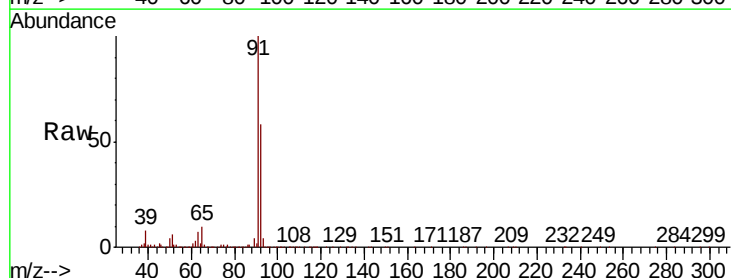
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

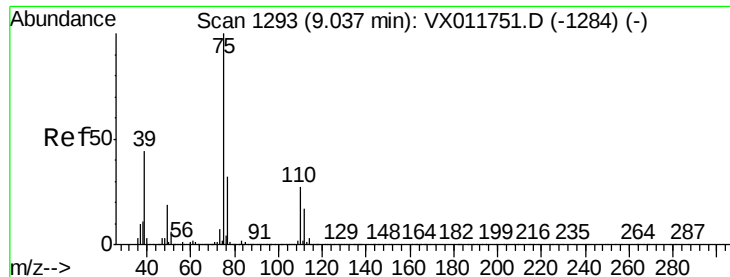
Tgt Ion: 43 Resp: 1167545
Ion Ratio Lower Upper
43 100
58 40.3 31.8 47.6



#52
Toluene
Concen: 49.619 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 92 Resp: 413487
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 48.390 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

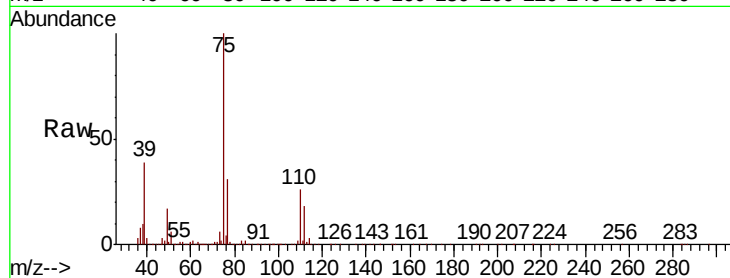
VSTDCCC050EC

Tgt Ion: 75 Resp: 218224

Ion Ratio Lower Upper

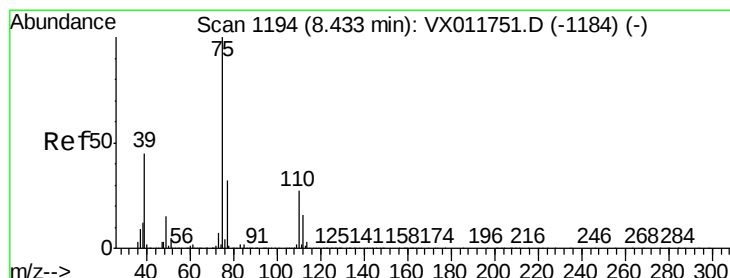
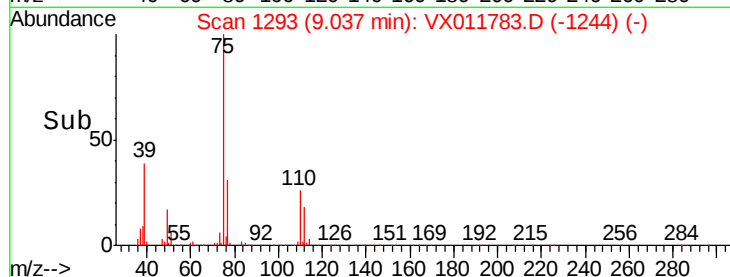
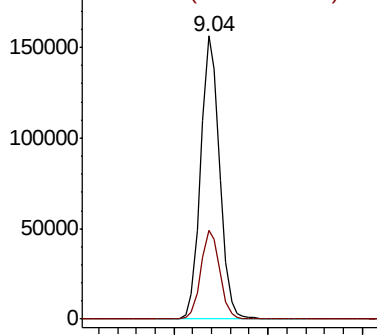
75 100

77 31.4 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.821 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

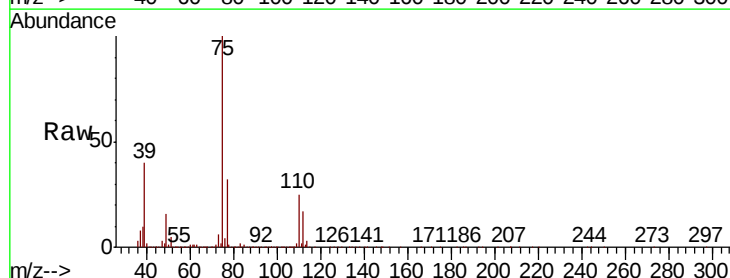
Tgt Ion: 75 Resp: 245102

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

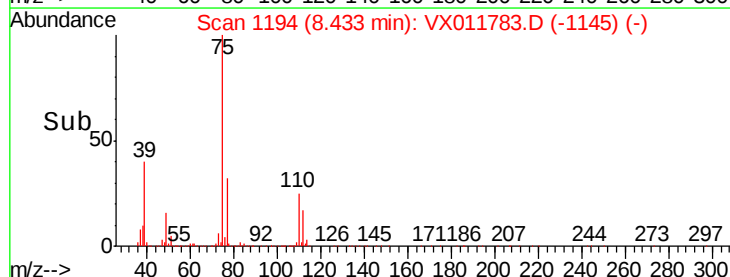
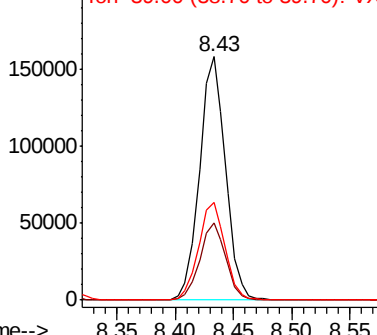
39 39.9 36.2 54.4

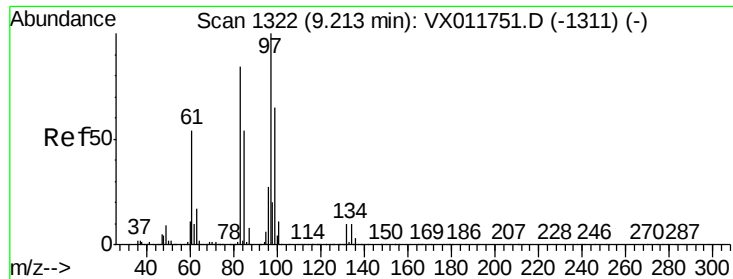


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

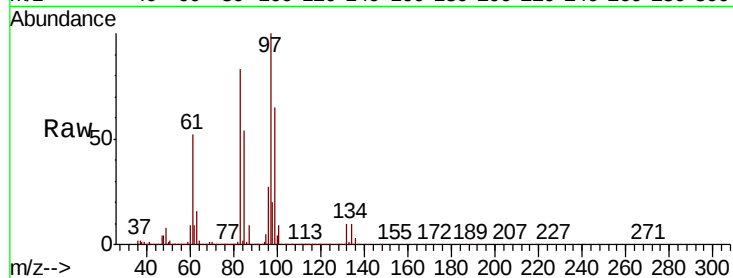




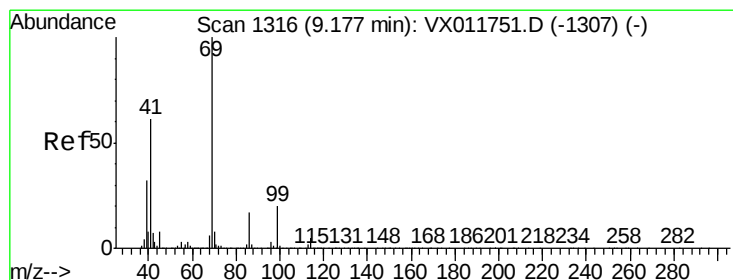
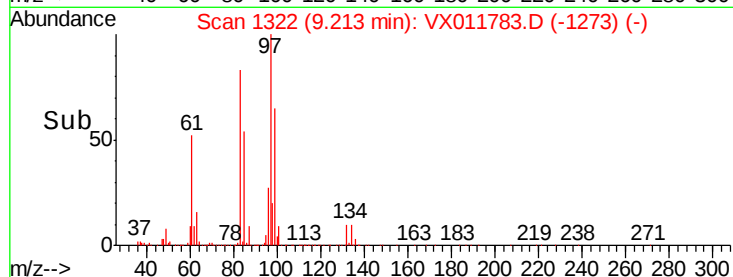
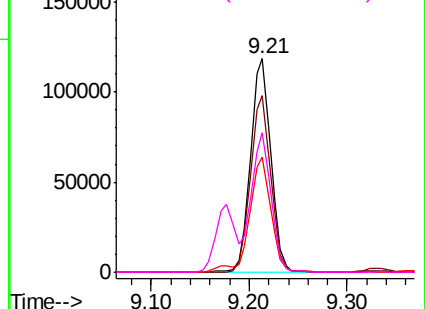
#55
 1,1,2-Trichloroethane
 Concen: 49.039 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	170258
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	54.1	43.4	65.2
99	65.3	51.8	77.6

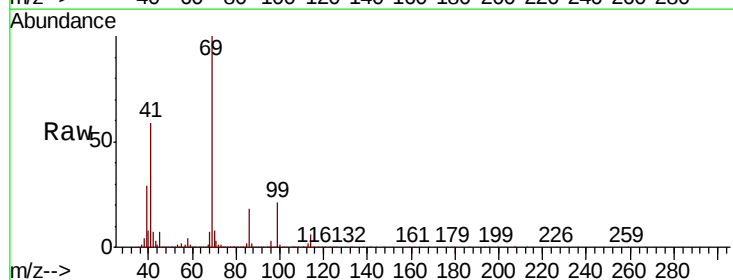


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

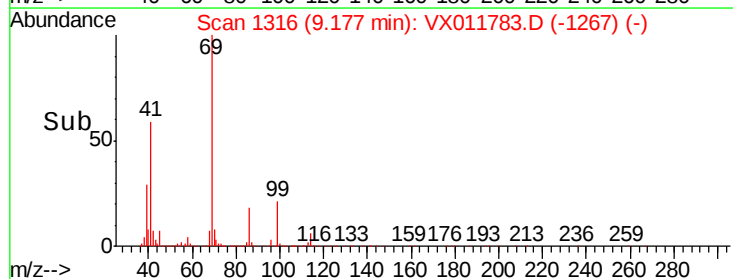
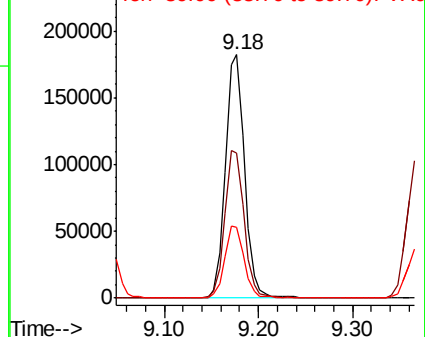


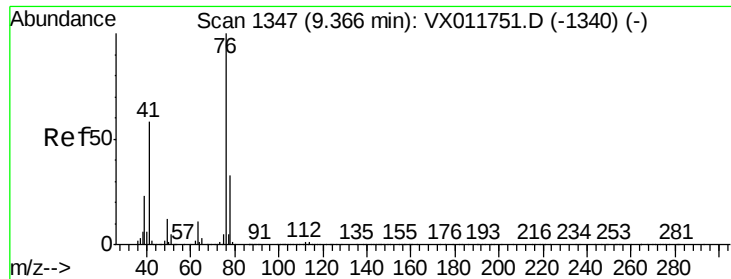
#56
 Ethyl methacrylate
 Concen: 52.015 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion:	69	Resp:	256827
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	29.8	26.4	39.6



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





#57

1,3-Dichloropropane

Concen: 47.507 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

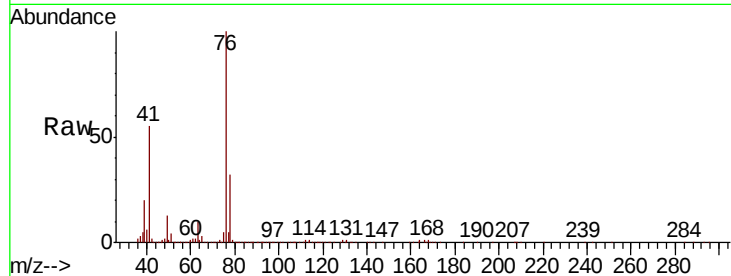
VSTDCCC050EC

Tgt Ion: 76 Resp: 266328

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

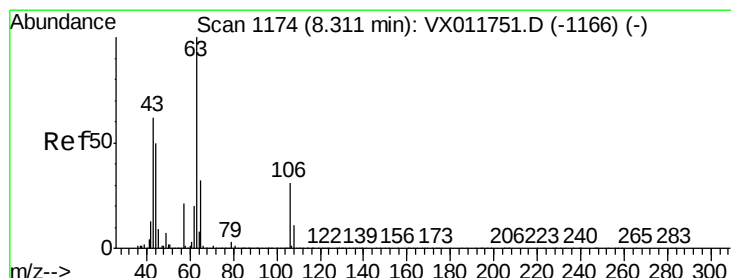
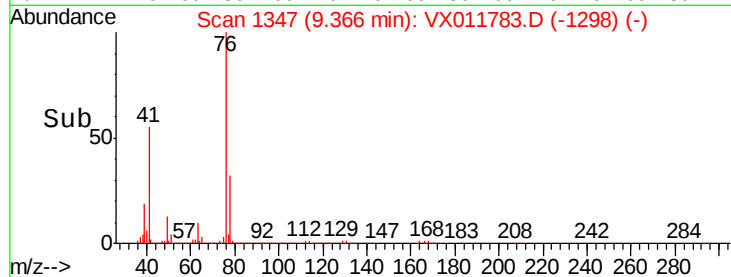
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.961 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011783.D

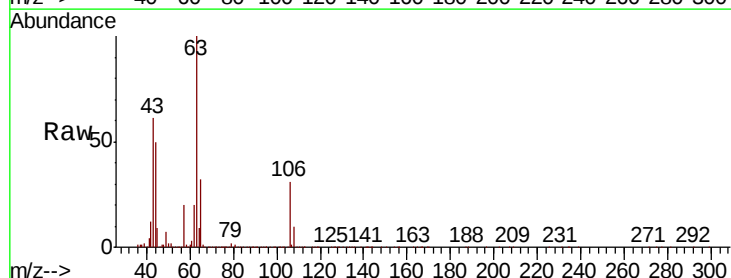
Acq: 22 Aug 2019 23:34

Tgt Ion: 63 Resp: 693391

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

500000

400000

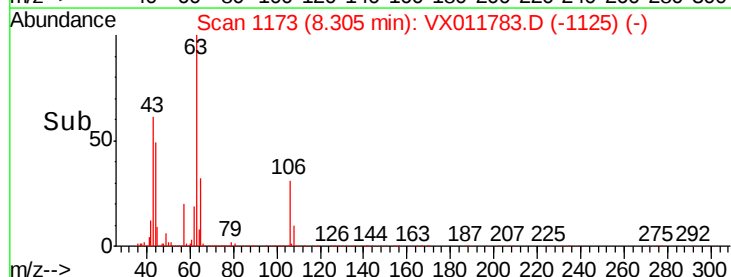
300000

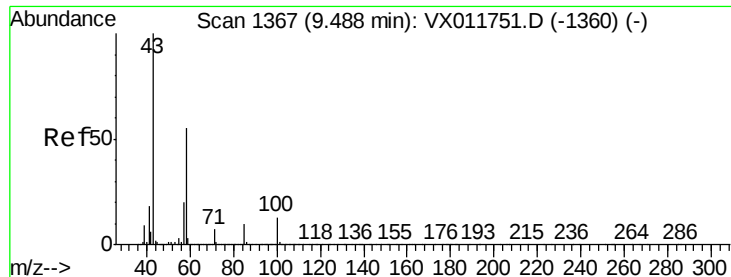
200000

100000

0

Time-->

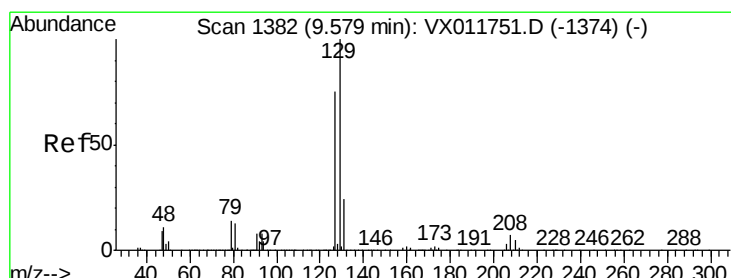
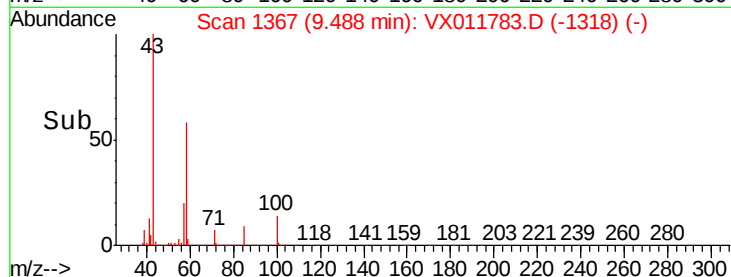
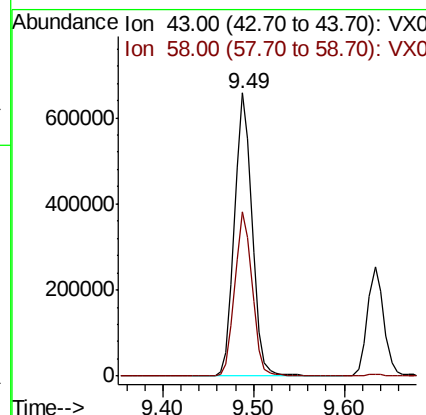
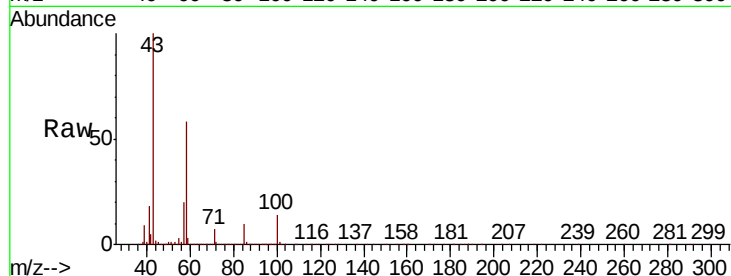




#59
2-Hexanone
Concen: 246.351 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

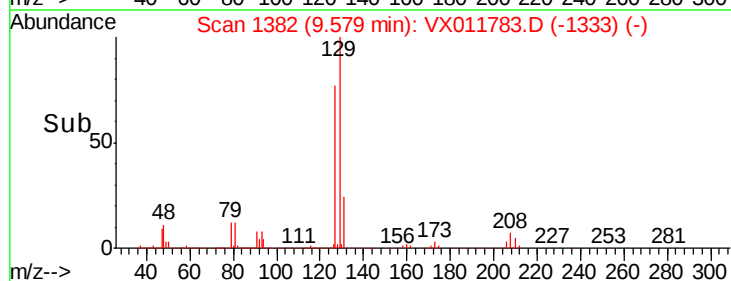
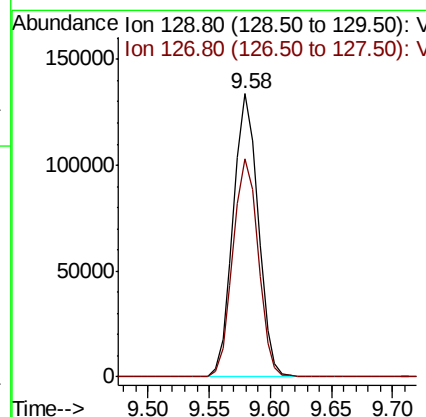
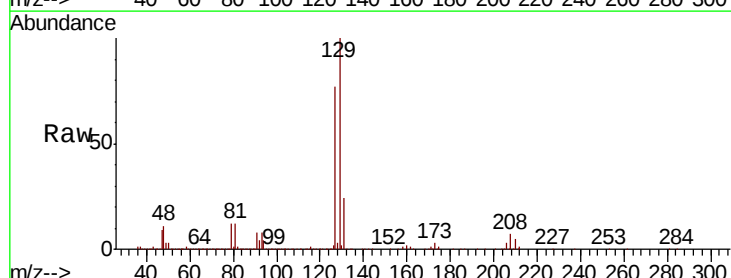
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

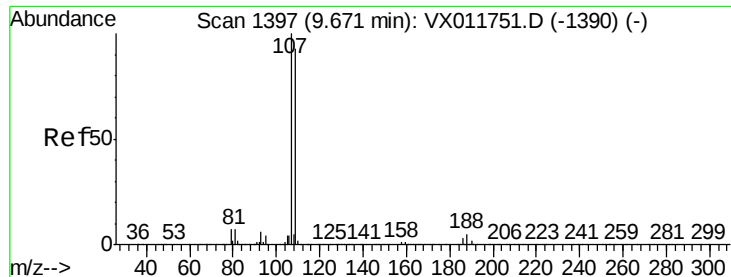
Tgt Ion: 43 Resp: 888342
Ion Ratio Lower Upper
43 100
58 57.5 27.7 83.1



#60
Dibromochloromethane
Concen: 50.461 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 129 Resp: 189419
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.846 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

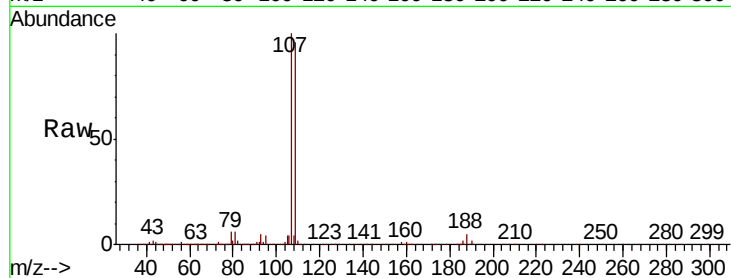
VSTDCCC050EC

Tgt Ion: 107 Resp: 189417

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

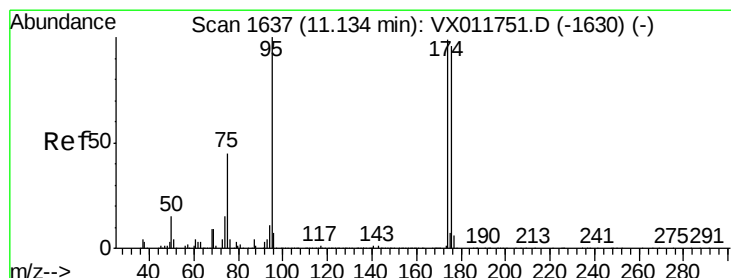
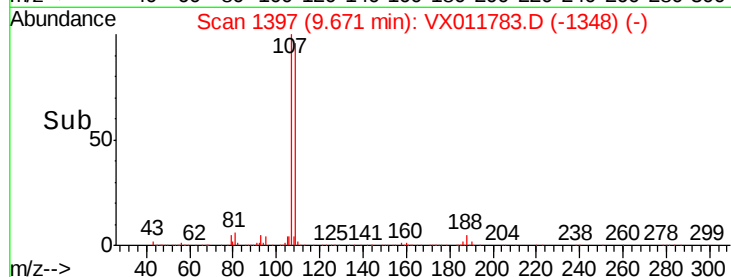
100000

50000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 47.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

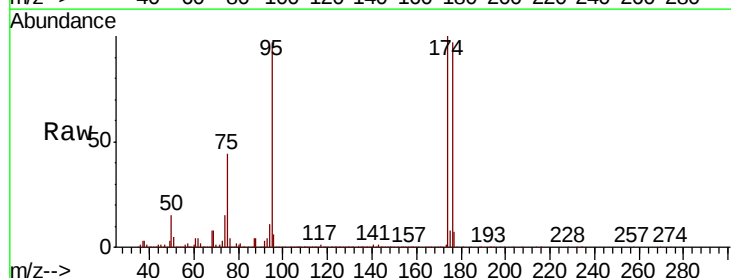
Tgt Ion: 95 Resp: 227026

Ion Ratio Lower Upper

95 100

174 103.6 0.0 197.4

176 99.9 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

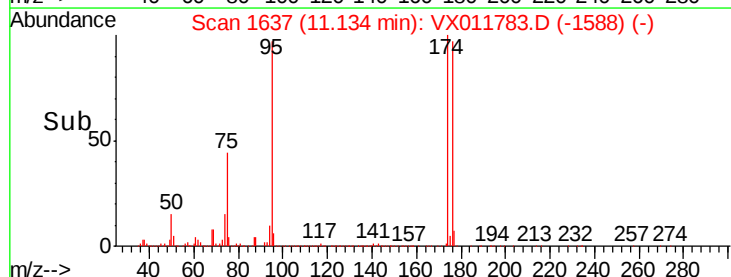
100000

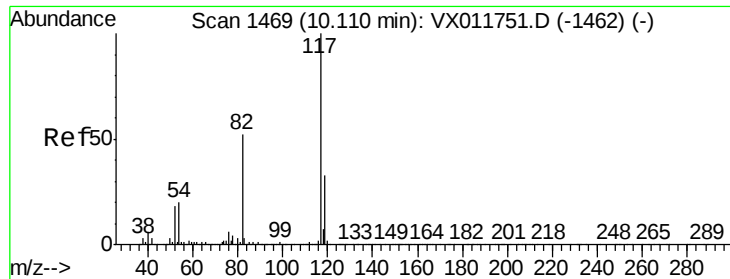
50000

0

11.10 11.20

Time-->

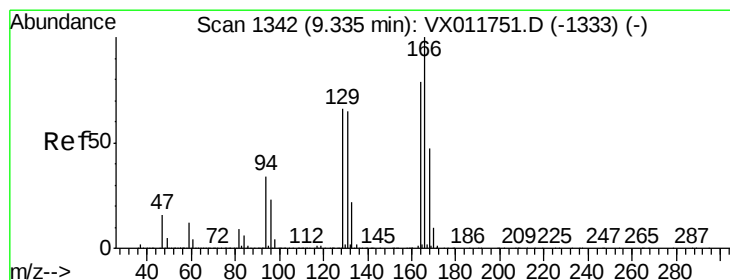
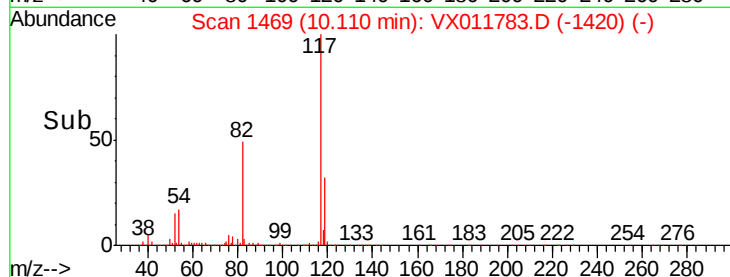
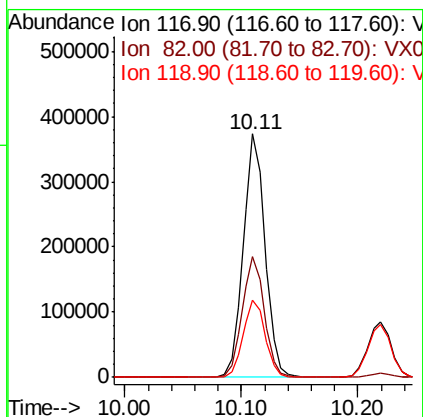
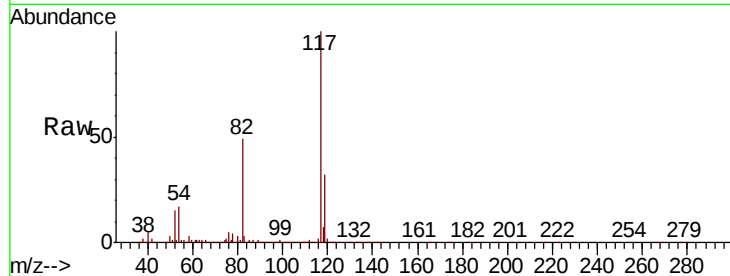




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

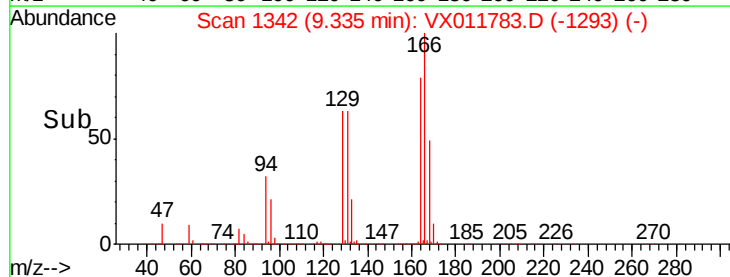
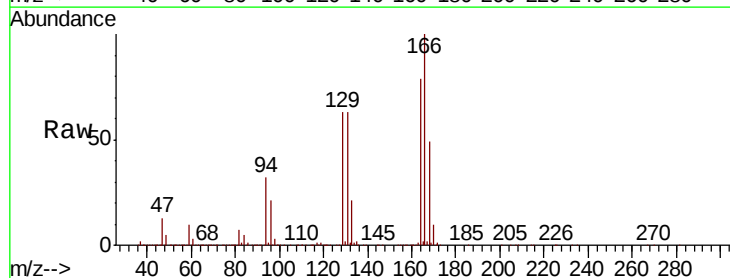
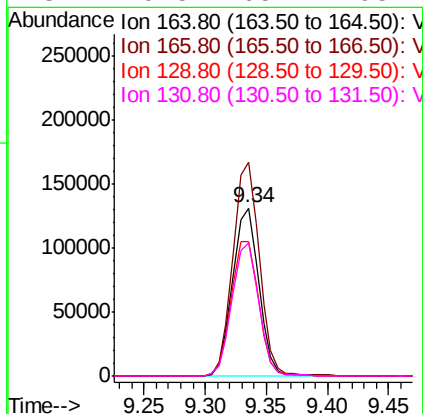
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

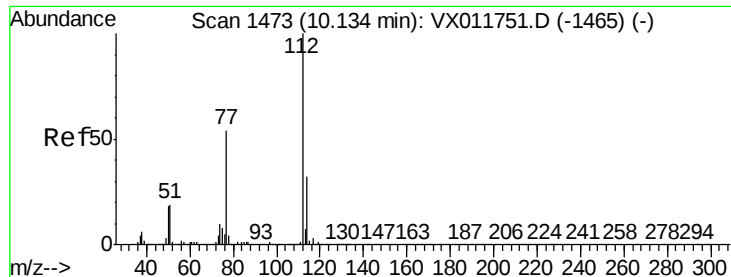
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.7	62.5
119	31.6	26.2	39.2



#64
Tetrachloroethene
Concen: 50.035 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.7	151.1
129	79.7	66.8	100.2
131	79.5	65.4	98.2

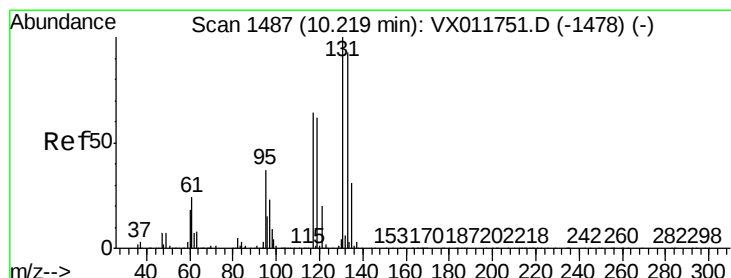
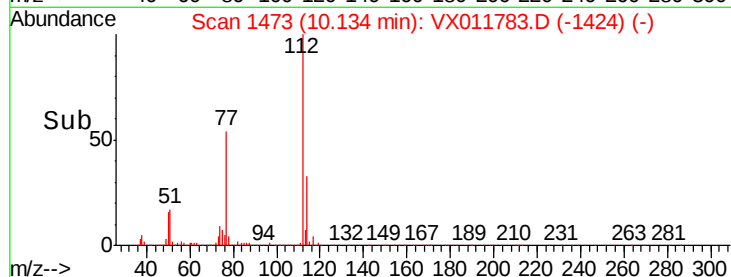
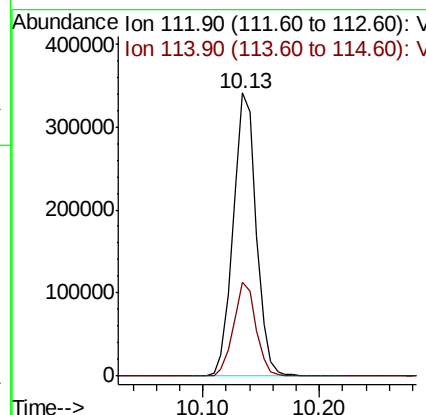
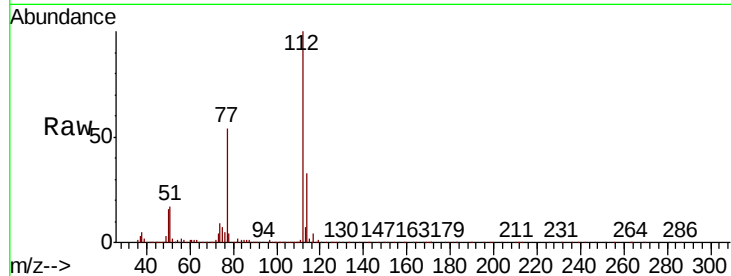




#65
Chlorobenzene
Concen: 49.024 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

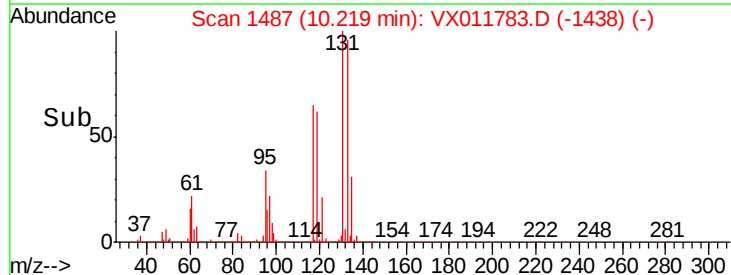
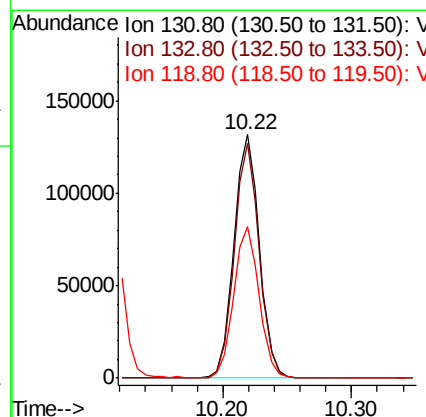
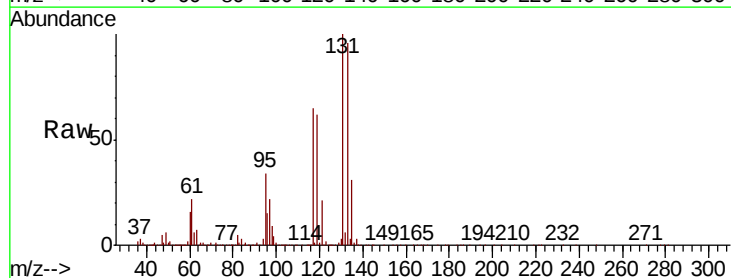
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

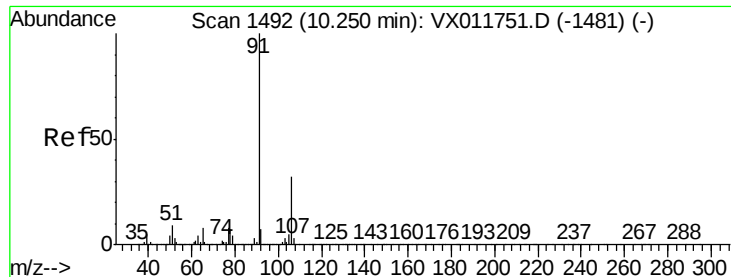
Tgt Ion:112 Resp: 468046
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.827 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion:131 Resp: 181811
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 62.1 31.3 93.8





#67

Ethyl Benzene

Concen: 49.255 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

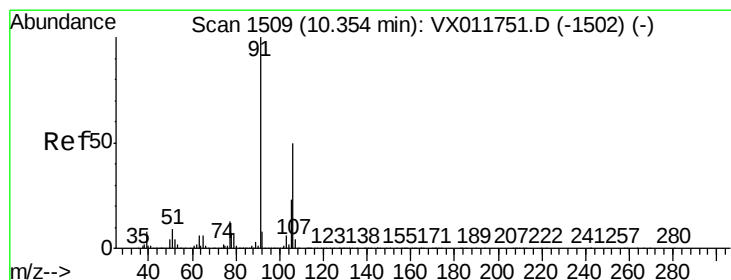
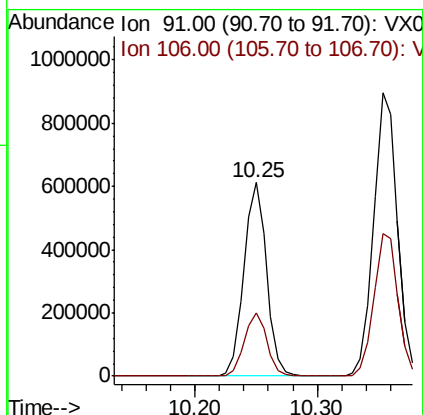
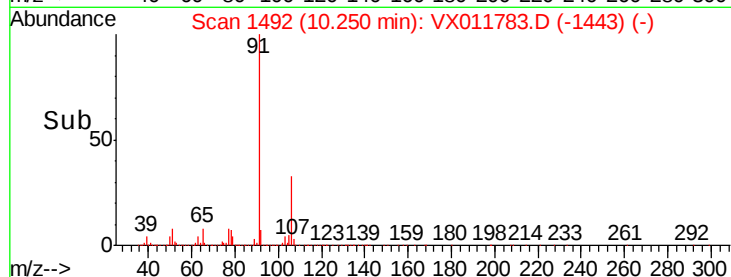
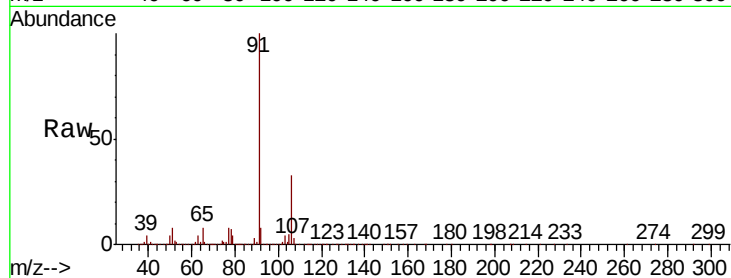
VSTDCCC050EC

Tgt Ion: 91 Resp: 785852

Ion Ratio Lower Upper

91 100

106 32.9 25.5 38.3



#68

m/p-Xylenes

Concen: 100.768 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011783.D

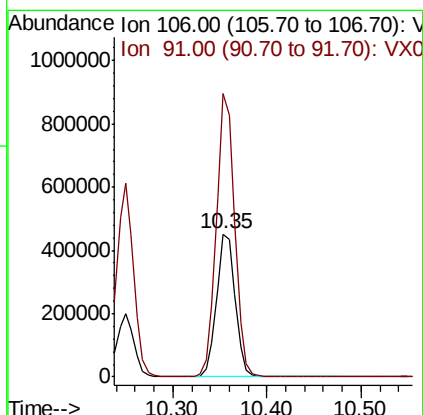
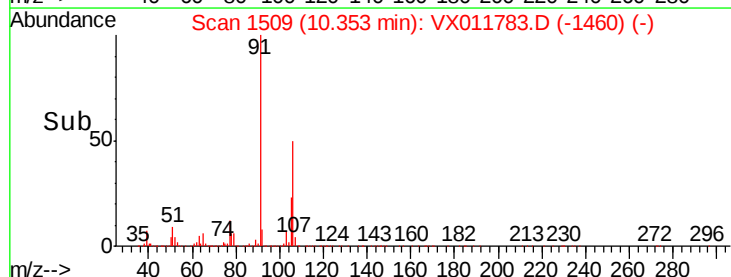
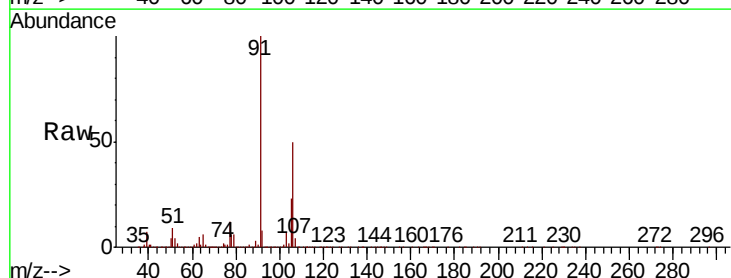
Acq: 22 Aug 2019 23:34

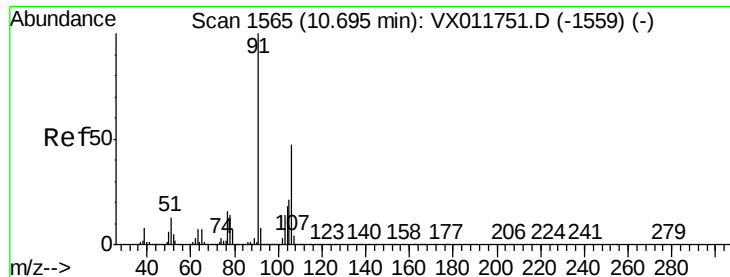
Tgt Ion: 106 Resp: 619909

Ion Ratio Lower Upper

106 100

91 195.2 158.3 237.5

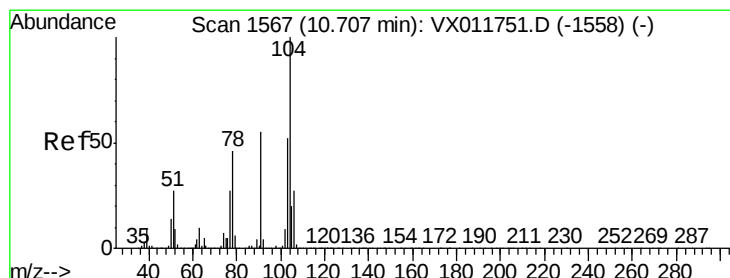
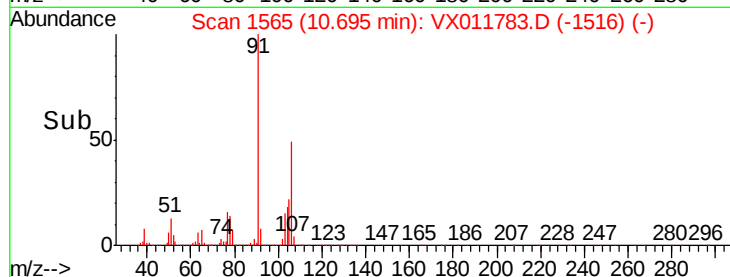
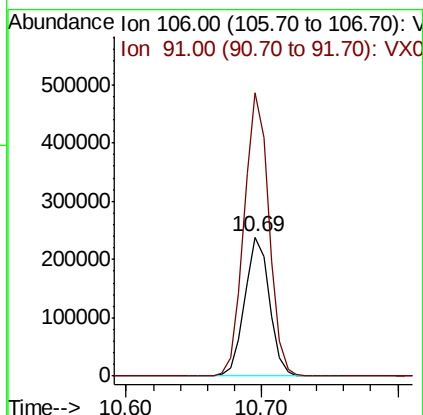
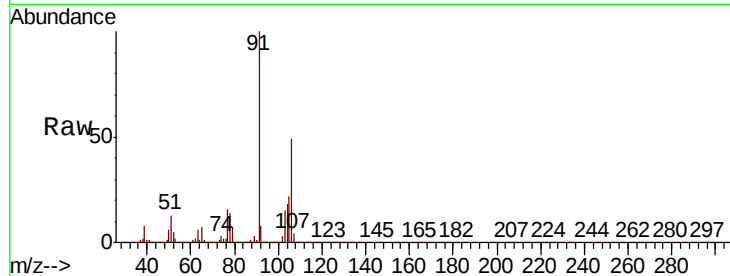




#69
o-Xylene
Concen: 50.231 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

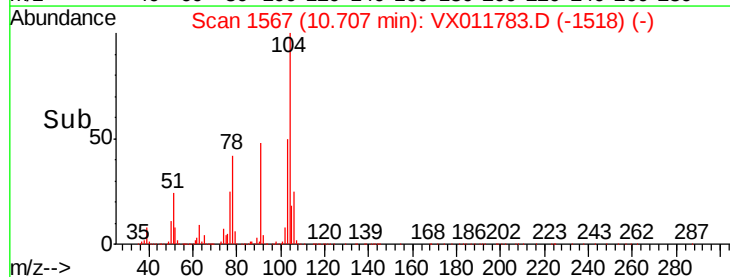
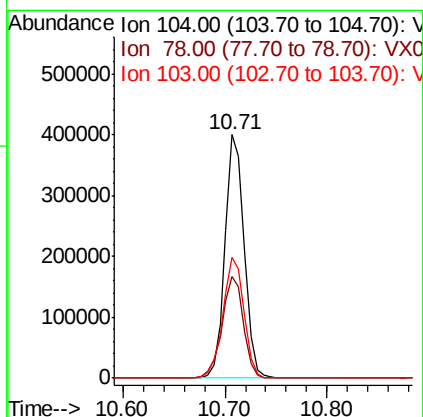
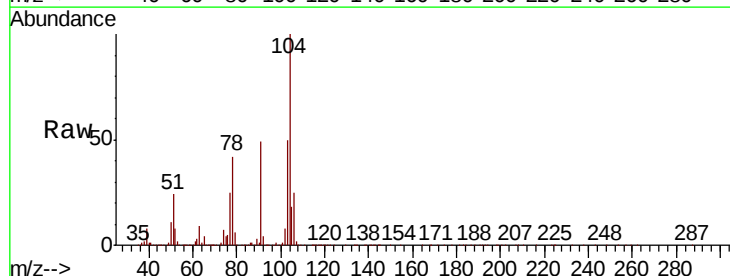
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

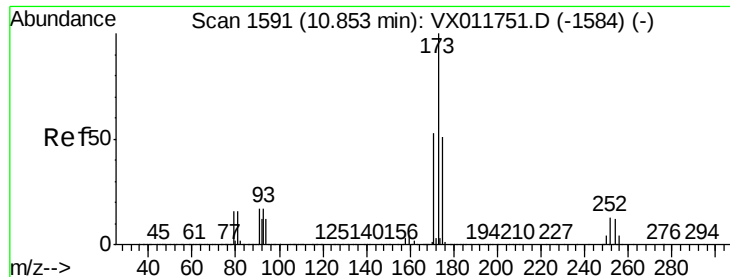
Tgt Ion:106 Resp: 303392
Ion Ratio Lower Upper
106 100
91 204.2 105.0 314.9



#70
Styrene
Concen: 51.503 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion:104 Resp: 520384
Ion Ratio Lower Upper
104 100
78 46.5 39.2 58.8
103 54.5 44.5 66.7





#71

Bromoform

Concen: 51.098 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

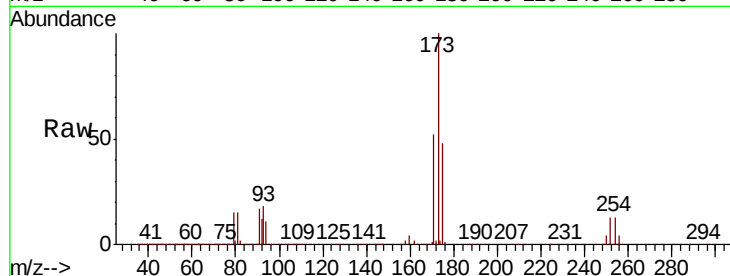
Tgt Ion:173 Resp: 157681

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

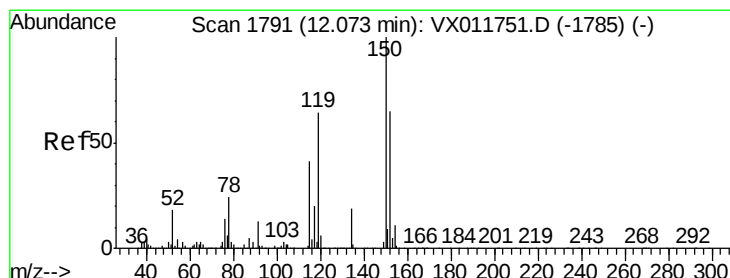
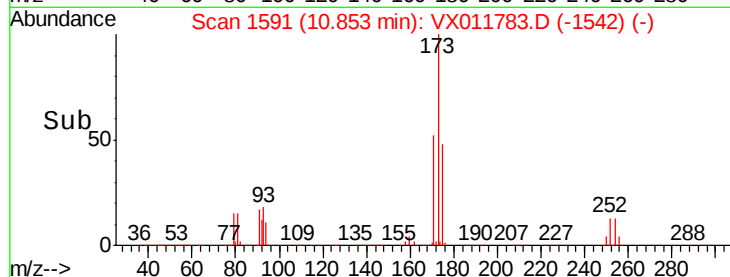
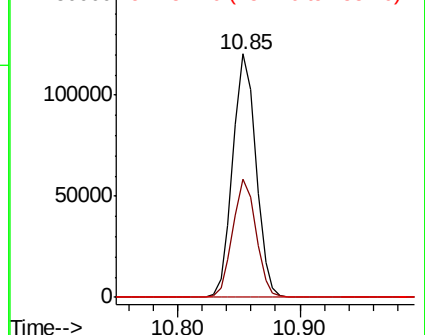
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

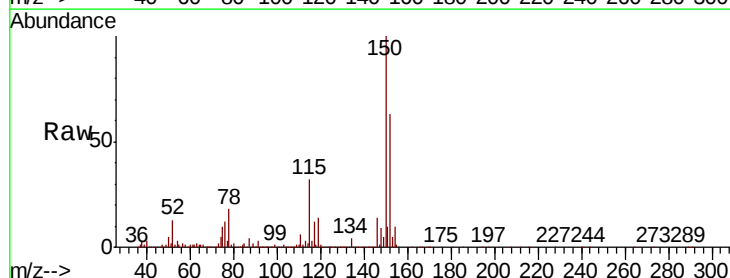
Tgt Ion:152 Resp: 270679

Ion Ratio Lower Upper

152 100

115 71.5 37.3 111.8

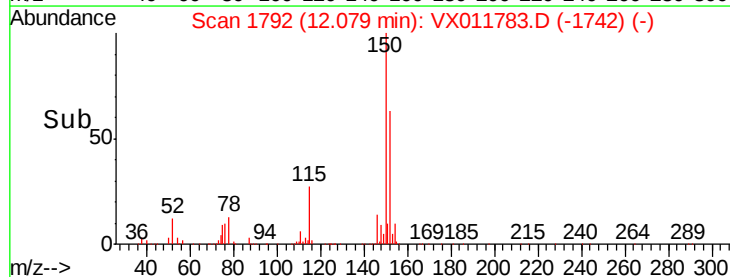
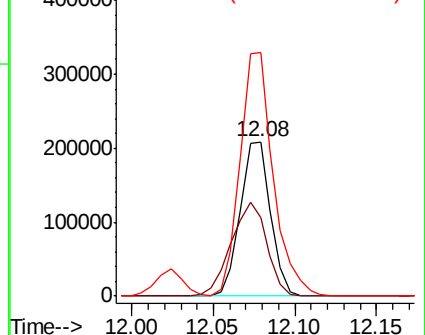
150 172.3 0.0 343.0

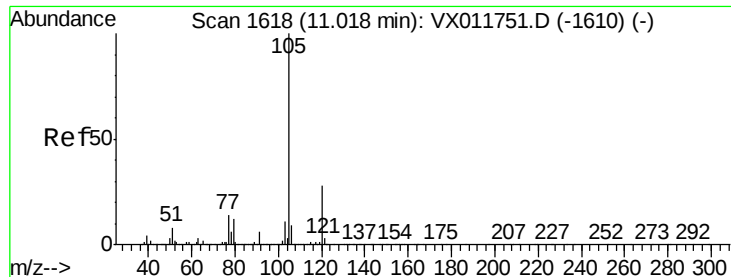


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.031 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

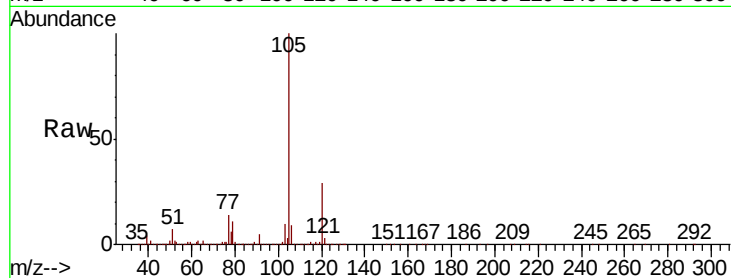
VSTDCCC050EC

Tgt Ion: 105 Resp: 799792

Ion Ratio Lower Upper

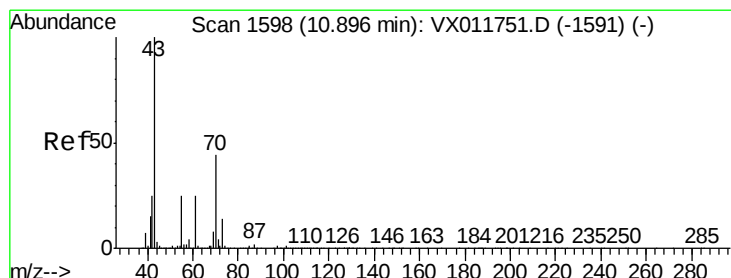
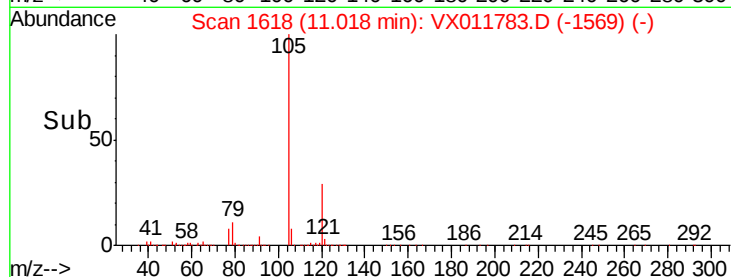
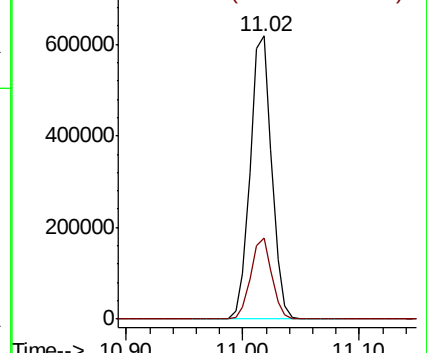
105 100

120 28.1 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.488 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Tgt Ion: 43 Resp: 312528

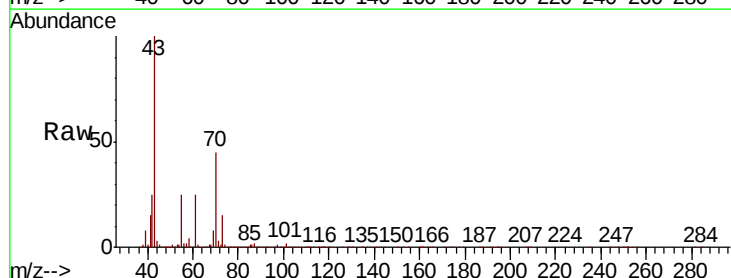
Ion Ratio Lower Upper

43 100

70 44.5 34.8 52.2

55 24.8 19.5 29.3

61 25.0 19.8 29.6

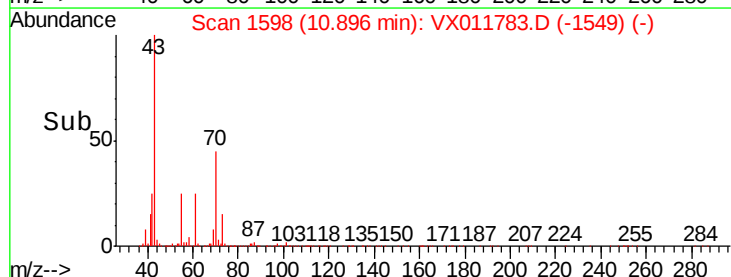
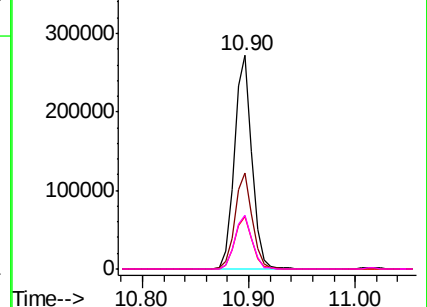


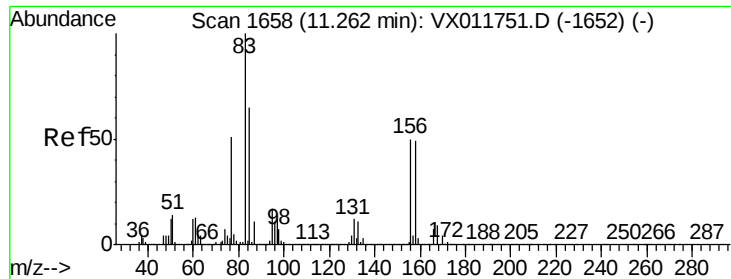
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.082 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

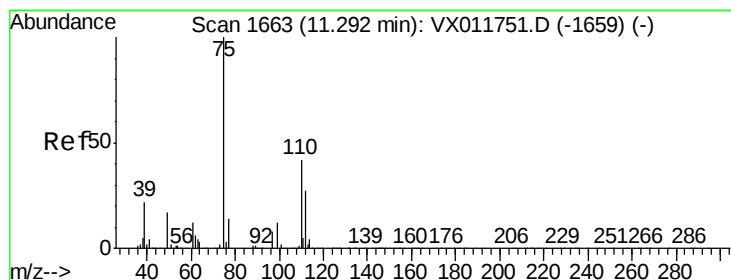
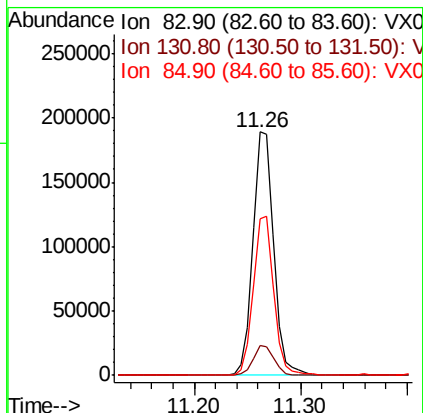
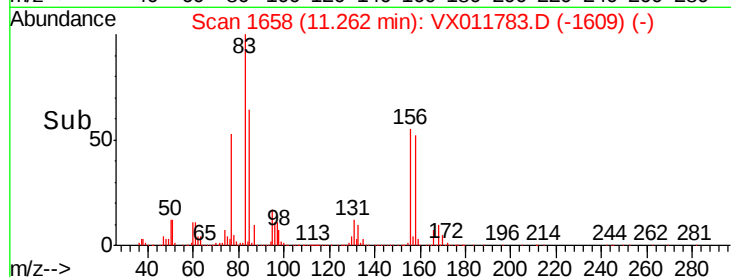
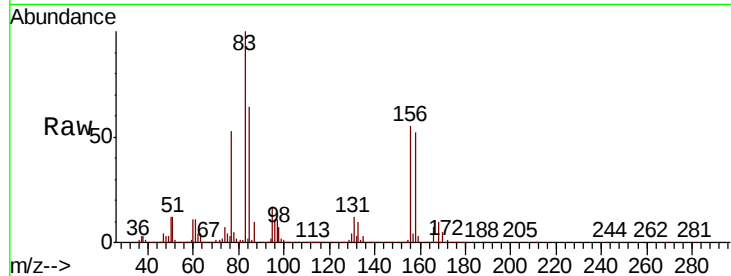
Tgt Ion: 83 Resp: 259606

Ion Ratio Lower Upper

83 100

131 12.4 6.1 18.3

85 64.3 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 59.512 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011783.D

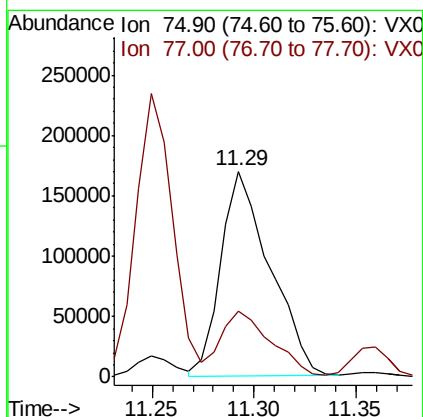
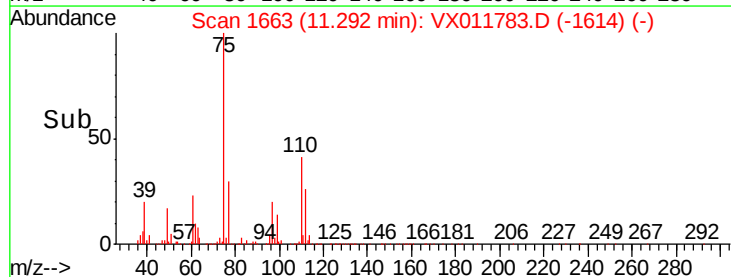
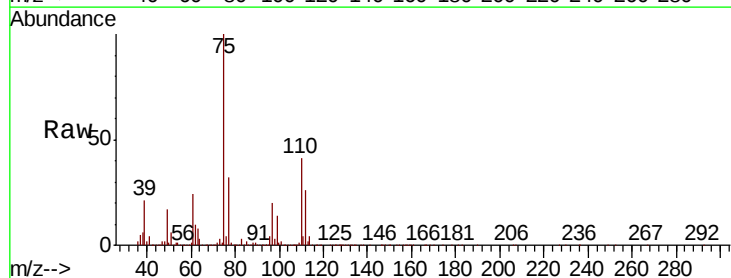
Acq: 22 Aug 2019 23:34

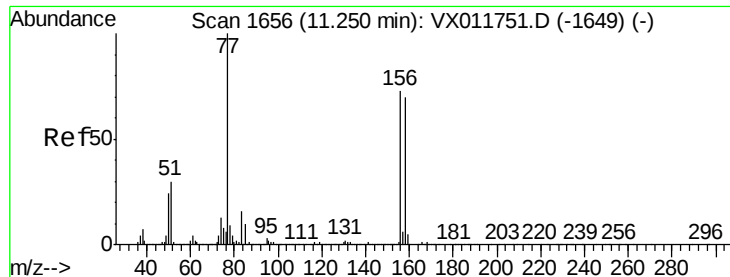
Tgt Ion: 75 Resp: 282655

Ion Ratio Lower Upper

75 100

77 32.7 21.1 63.3





#77

Bromobenzene

Concen: 48.987 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

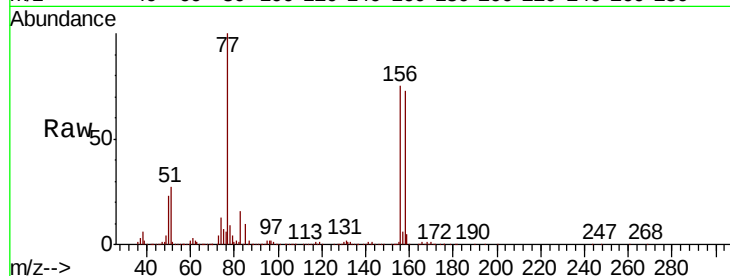
Tgt Ion:156 Resp: 235572

Ion Ratio Lower Upper

156 100

77 125.2 65.3 196.0

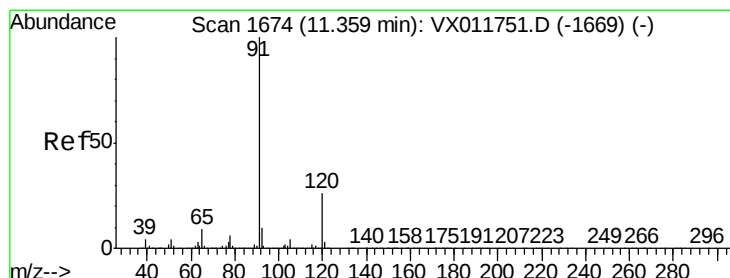
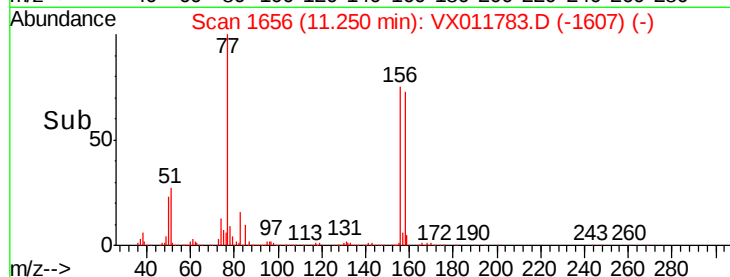
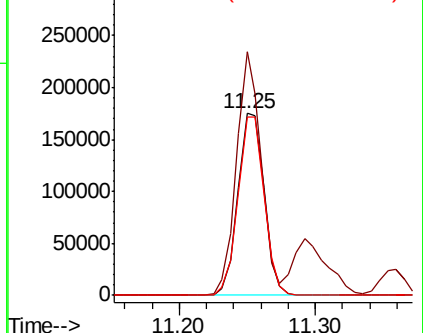
158 98.3 48.4 145.0



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: 49.588 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011783.D

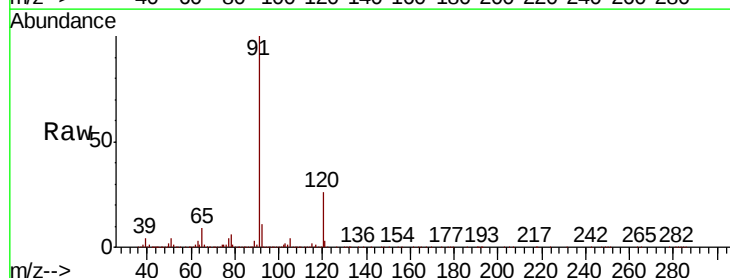
Acq: 22 Aug 2019 23:34

Tgt Ion: 91 Resp: 864915

Ion Ratio Lower Upper

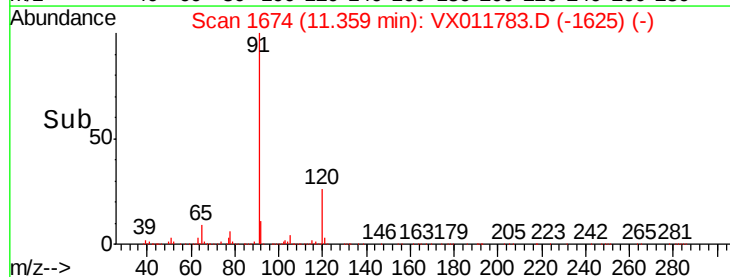
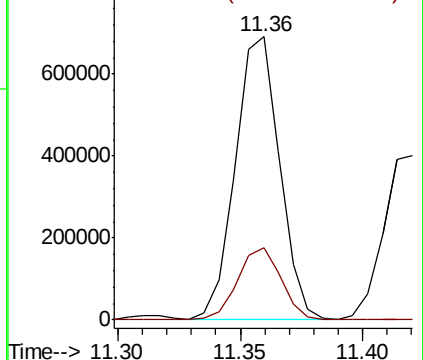
91 100

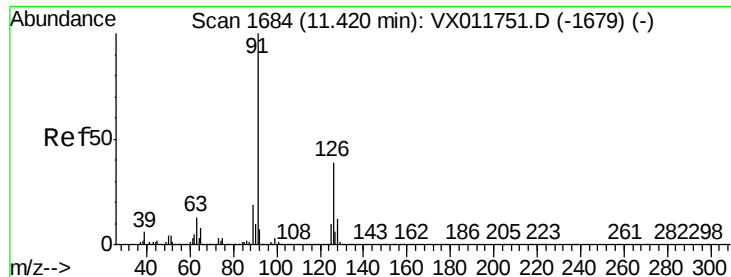
120 25.3 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.883 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

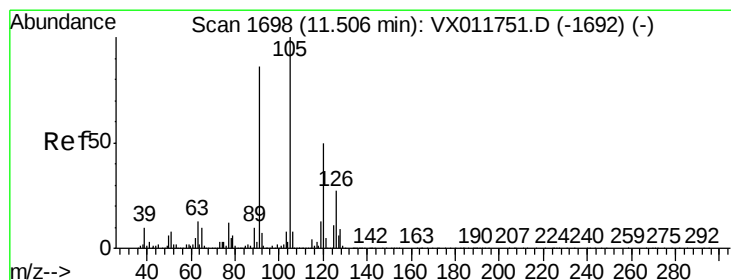
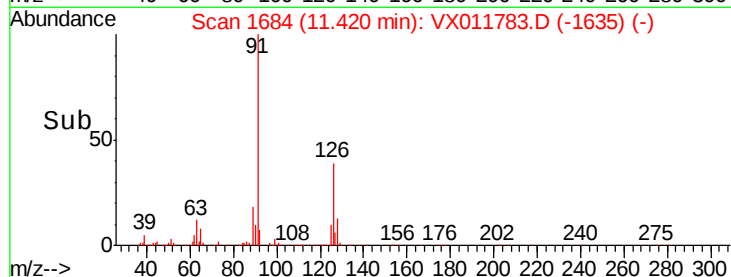
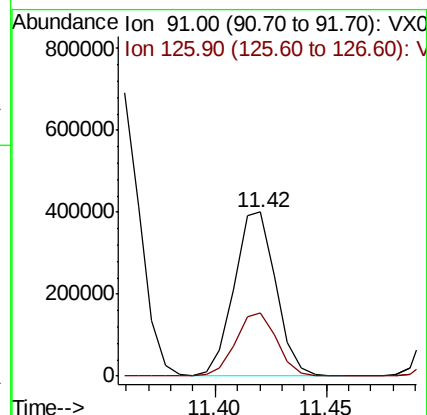
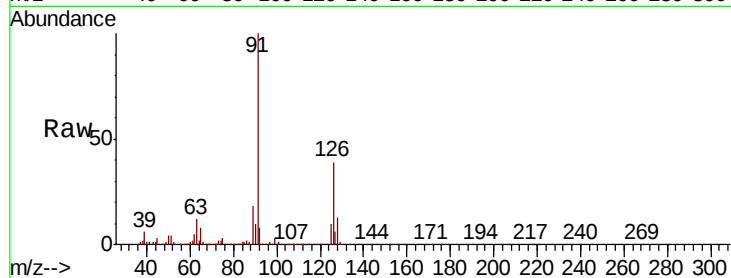
VSTDCCC050EC

Tgt Ion: 91 Resp: 519598

Ion Ratio Lower Upper

91 100

126 38.2 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 49.949 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011783.D

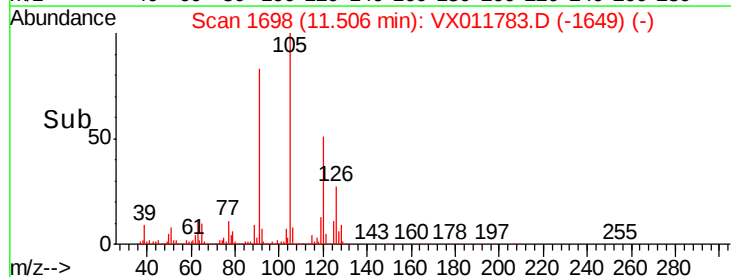
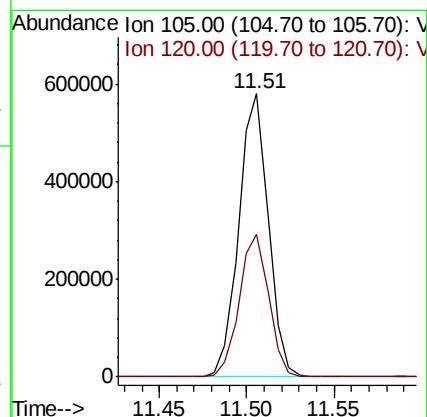
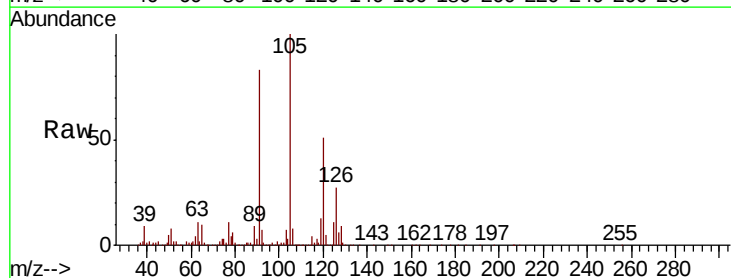
Acq: 22 Aug 2019 23:34

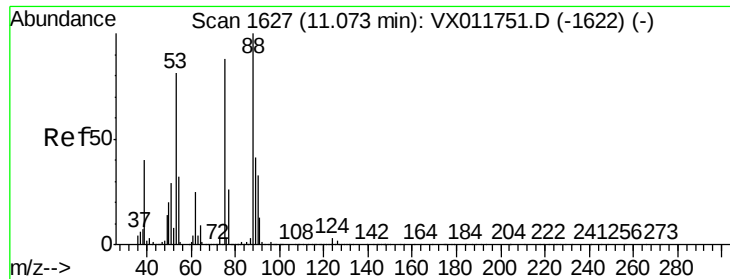
Tgt Ion: 105 Resp: 679805

Ion Ratio Lower Upper

105 100

120 50.4 24.8 74.4

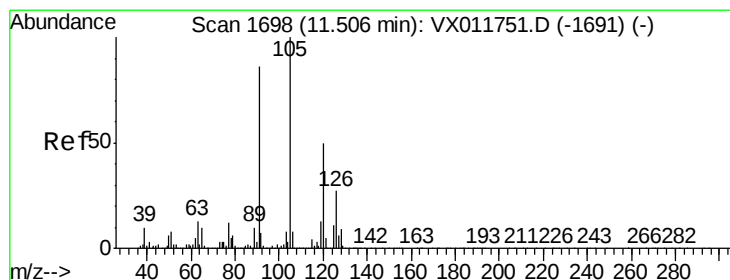
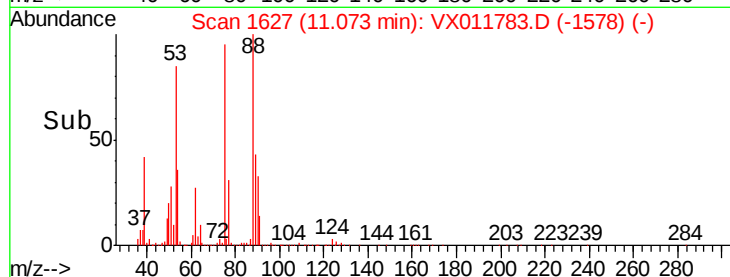
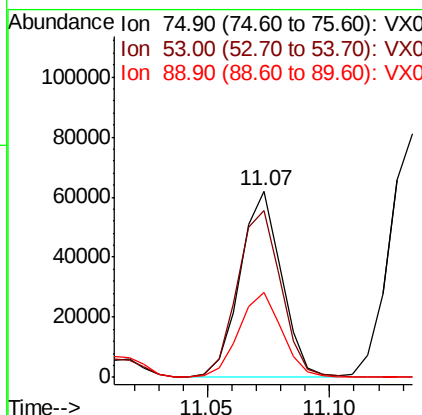
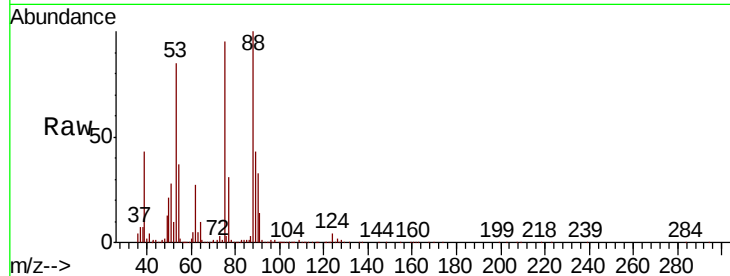




#81
trans-1,4-Dichloro-2-butene
Concen: 46.249 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

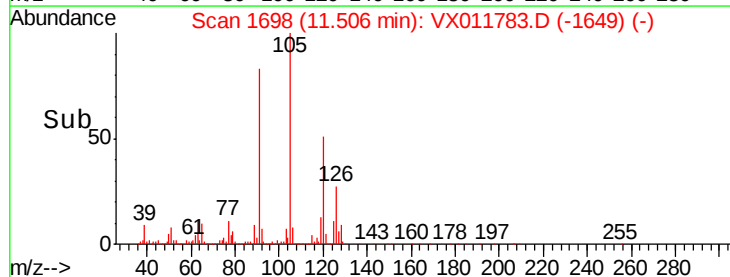
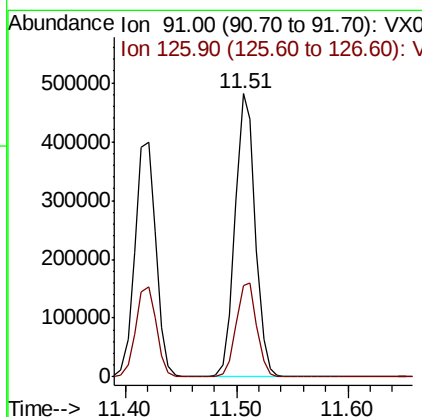
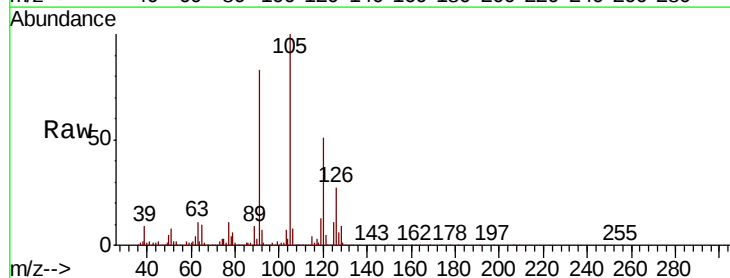
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

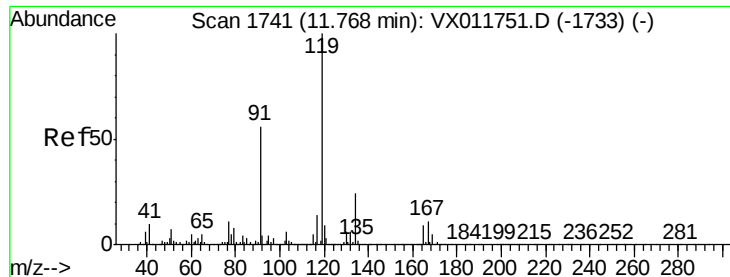
Tgt Ion: 75 Resp: 72837
Ion Ratio Lower Upper
75 100
53 94.5 77.1 115.7
89 47.5 38.5 57.7



#82
4-Chlorotoluene
Concen: 48.162 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 91 Resp: 602418
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

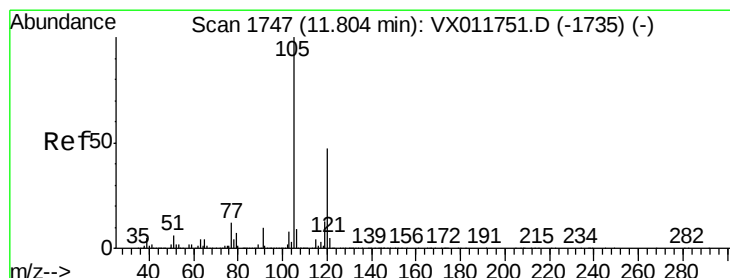
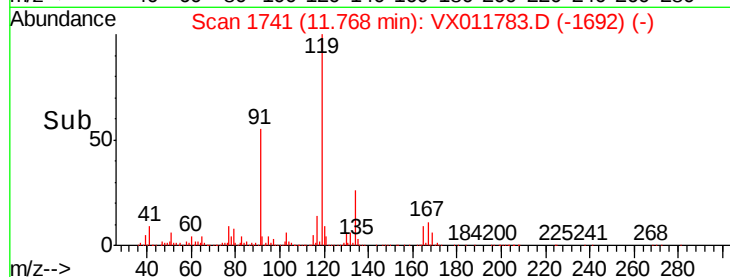
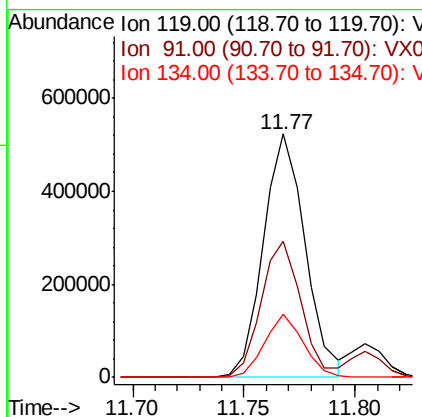
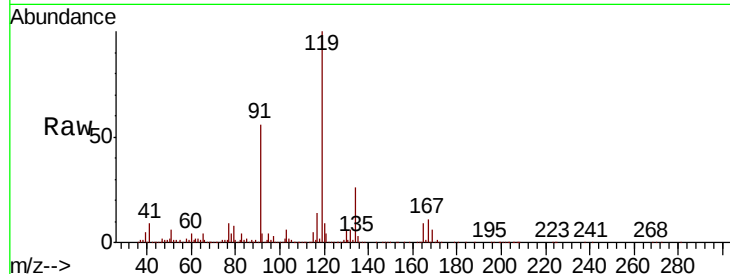




#83
 tert-Butylbenzene
 Concen: 50.866 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

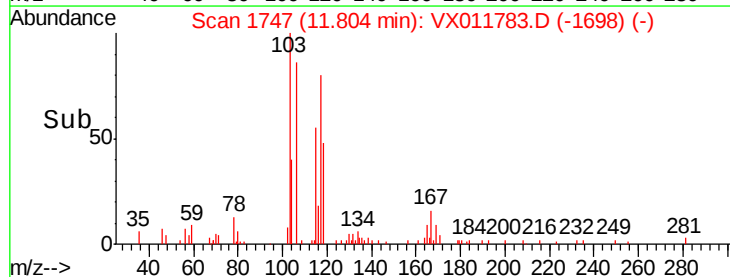
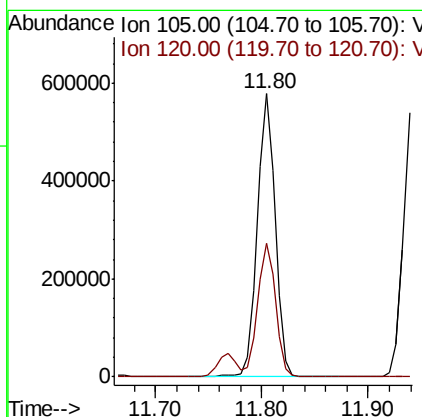
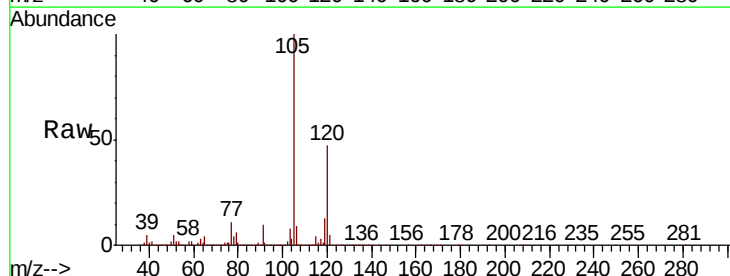
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

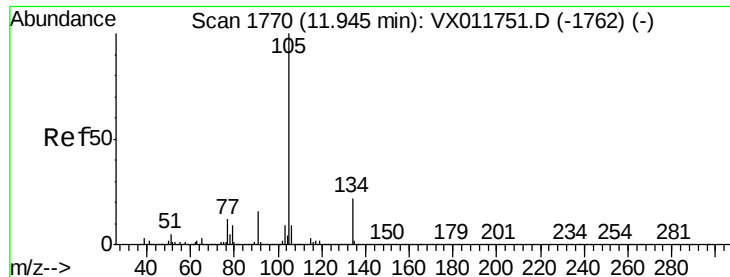
Tgt Ion:119 Resp: 683022
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.7 83.1
 134 24.1 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.694 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion:105 Resp: 682998
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1





#85

sec-Butylbenzene

Concen: 50.722 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

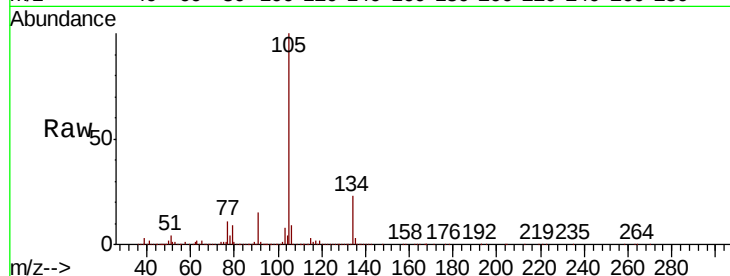
VSTDCCC050EC

Tgt Ion:105 Resp: 779104

Ion Ratio Lower Upper

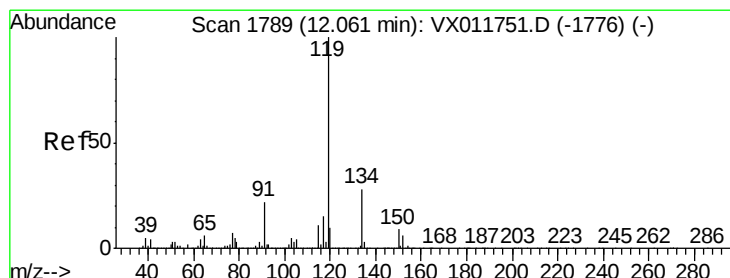
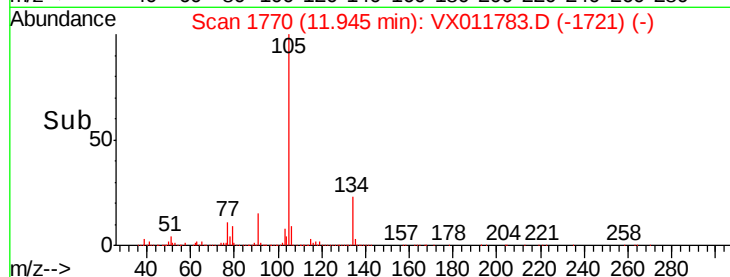
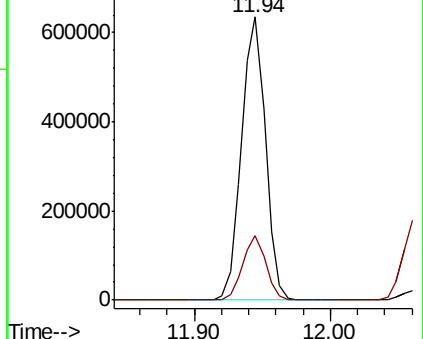
105 100

134 22.2 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.091 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

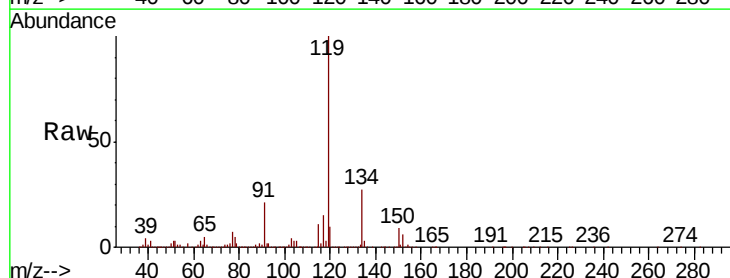
Tgt Ion:119 Resp: 740280

Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

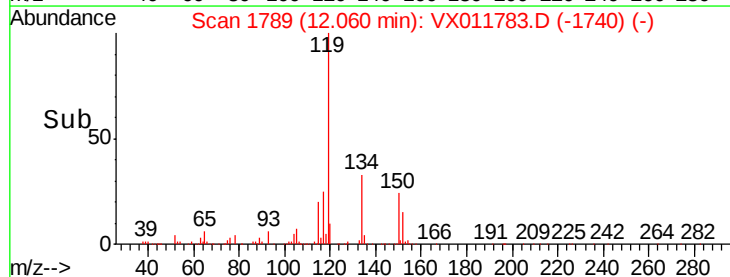
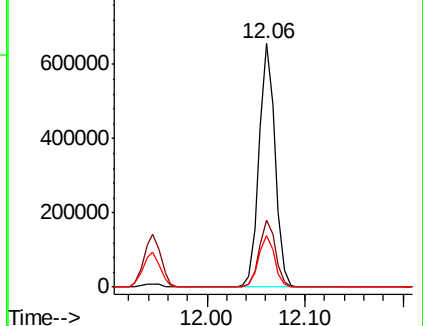
91 21.2 11.1 33.3

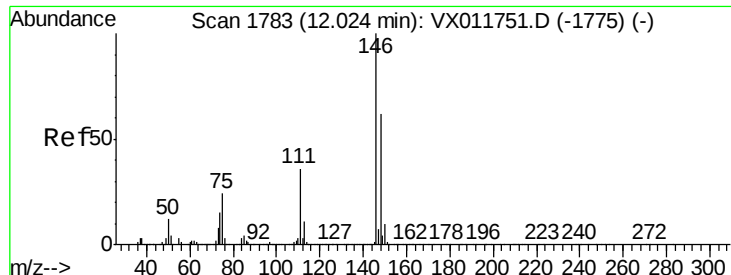


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

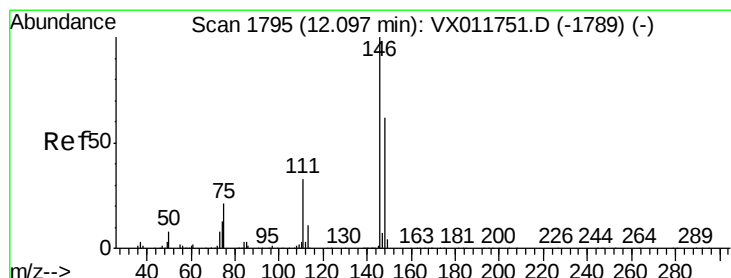
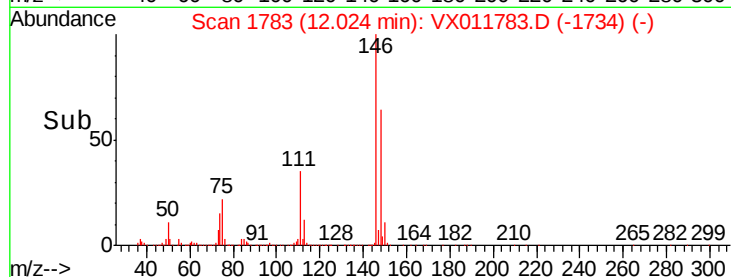
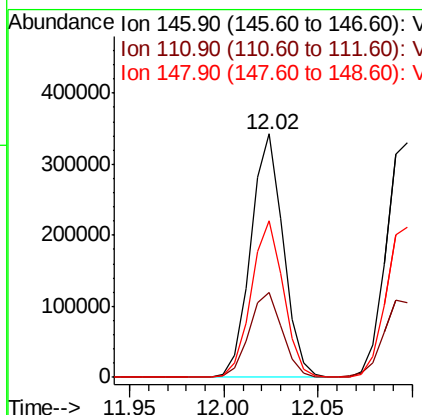
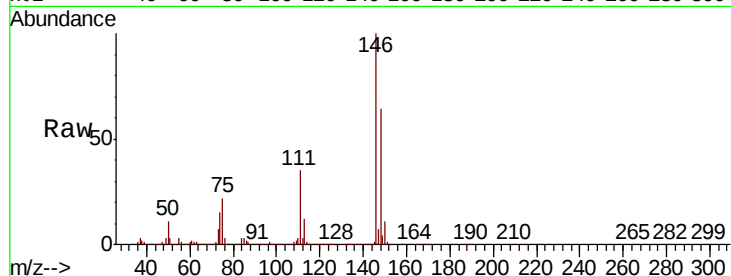




#87
 1,3-Dichlorobenzene
 Concen: 49.392 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

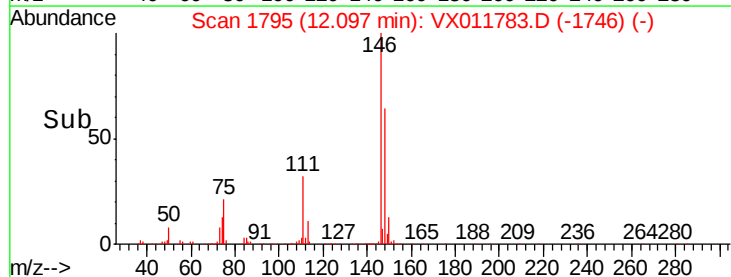
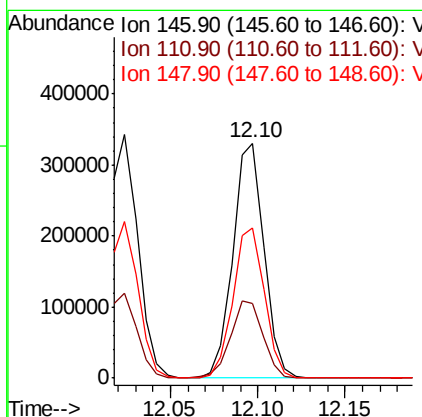
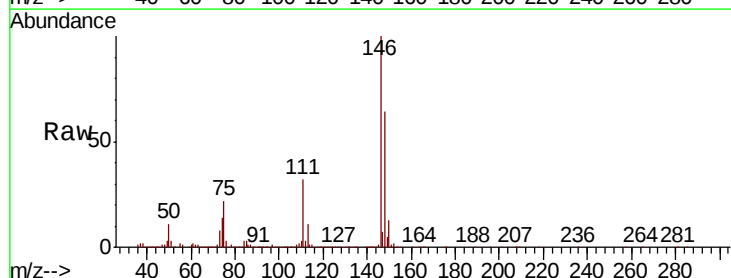
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

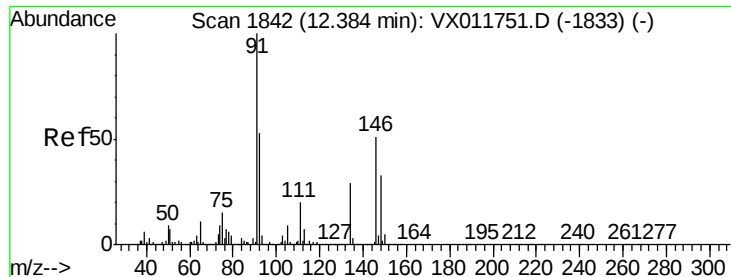
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.4
148	63.8	31.6	94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.635 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.4	17.8	53.4
148	65.0	31.9	95.7

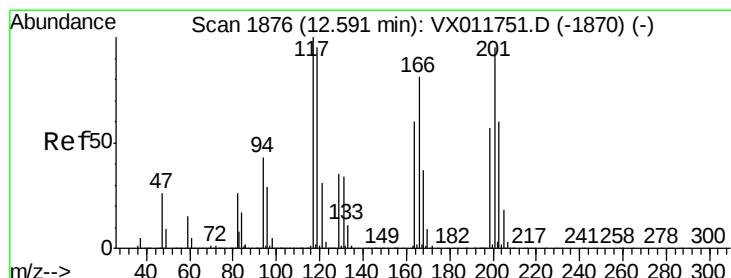
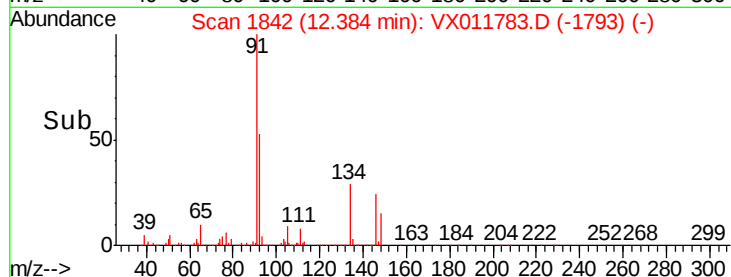
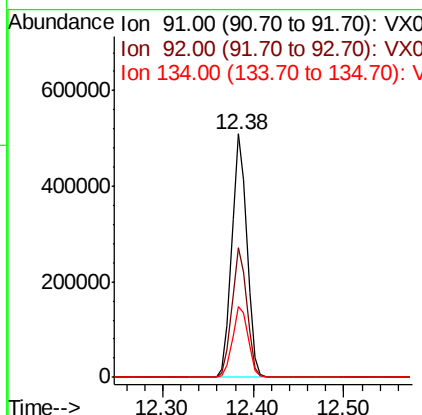
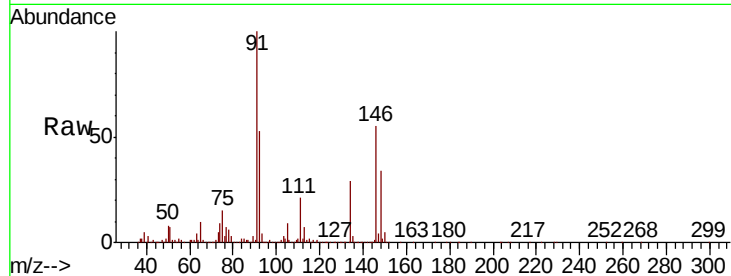




#89
n-Butylbenzene
Concen: 48.082 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

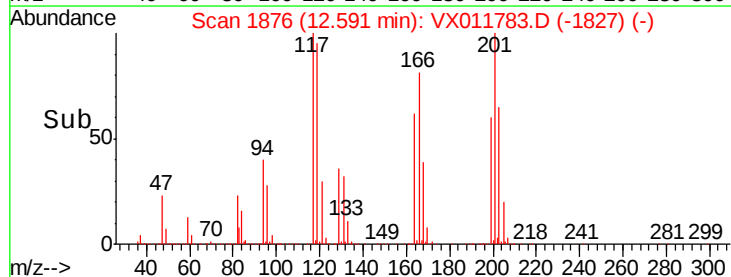
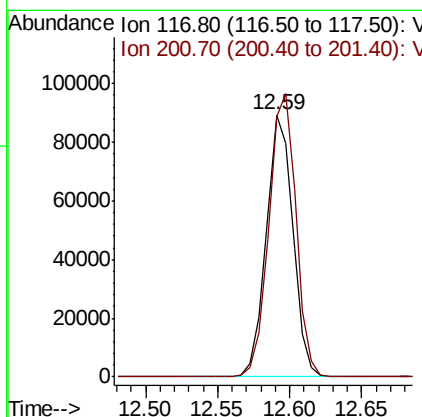
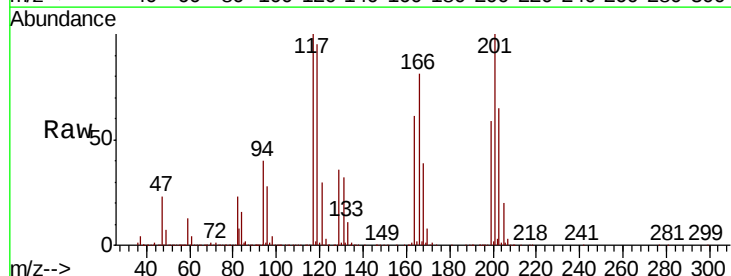
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

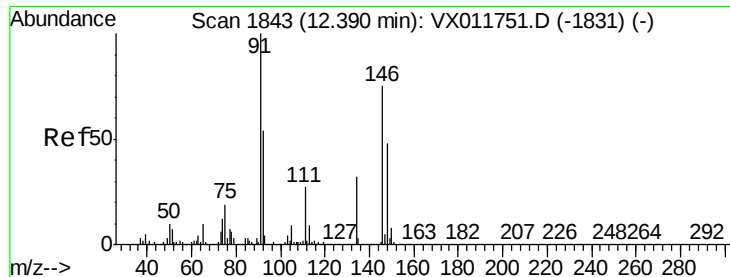
Tgt Ion: 91 Resp: 588247
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 29.9 14.6 43.8



#90
Hexachloroethane
Concen: 49.858 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion: 117 Resp: 114474
Ion Ratio Lower Upper
117 100
201 109.9 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 49.149 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

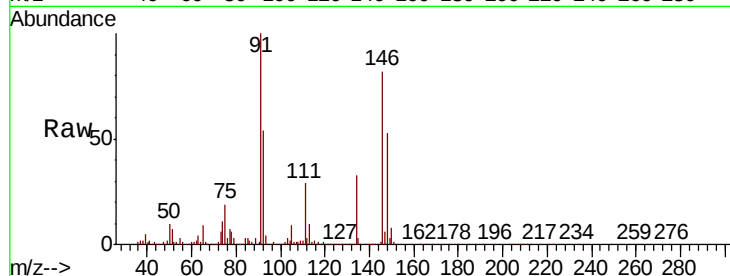
Tgt Ion:146 Resp: 410516

Ion Ratio Lower Upper

146 100

111 36.4 18.8 56.4

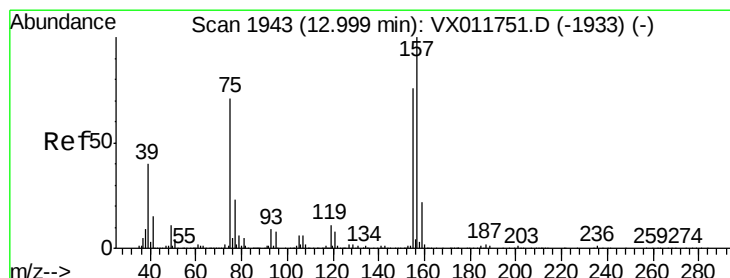
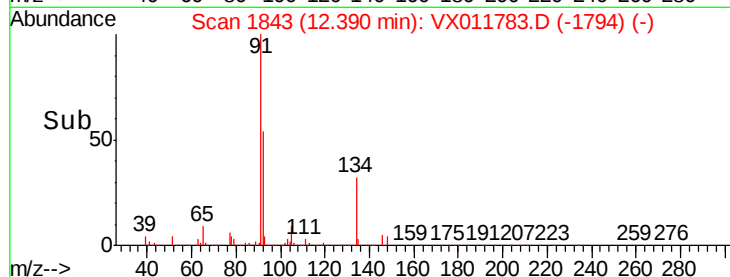
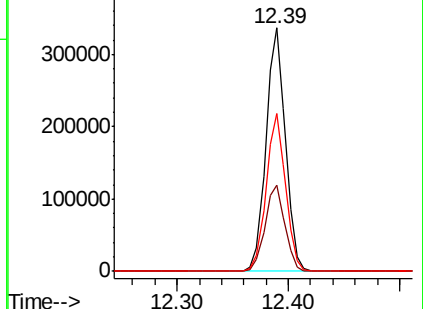
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.349 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011783.D

Acq: 22 Aug 2019 23:34

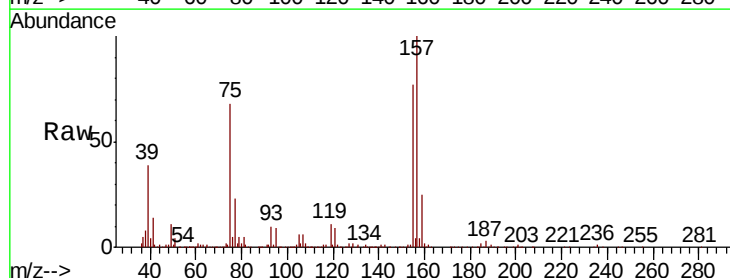
Tgt Ion: 75 Resp: 60680

Ion Ratio Lower Upper

75 100

155 107.1 52.6 157.9

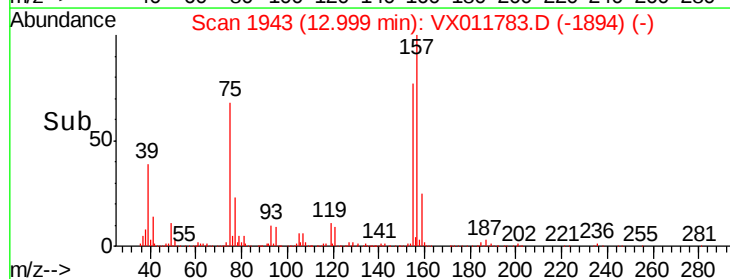
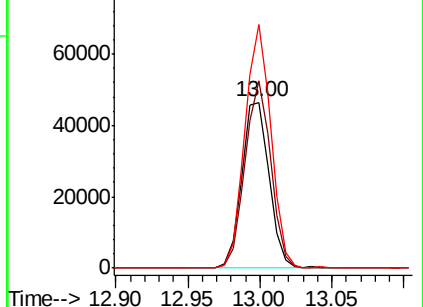
157 139.8 68.3 204.9

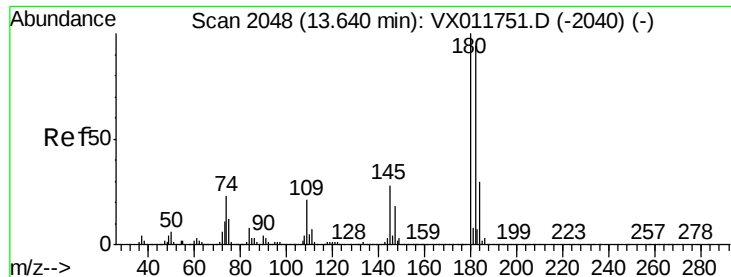


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

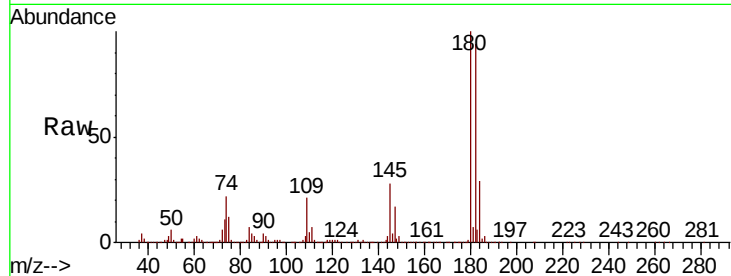




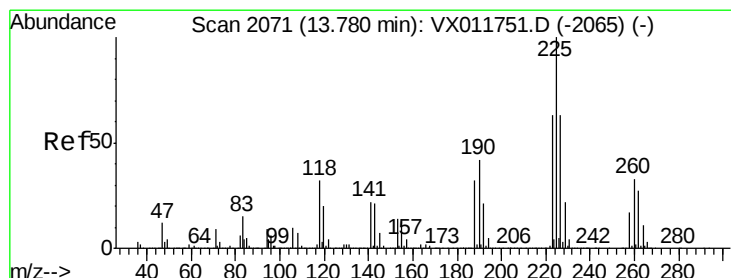
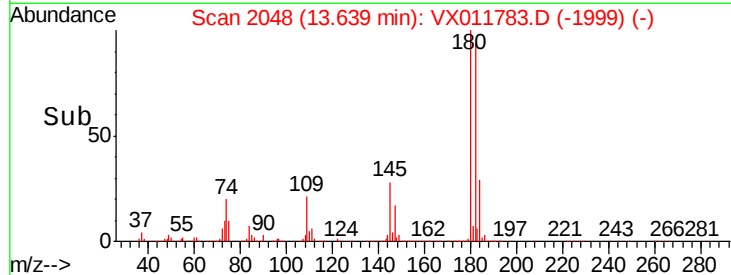
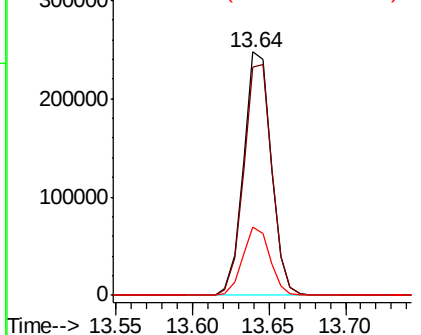
#93
 1,2,4-Trichlorobenzene
 Concen: 50.508 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 310314
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.8 143.4
 145 27.7 14.1 42.3

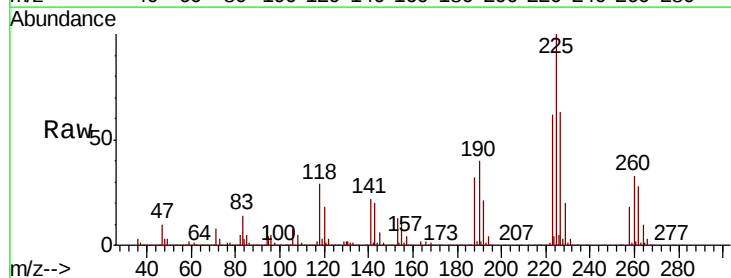


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

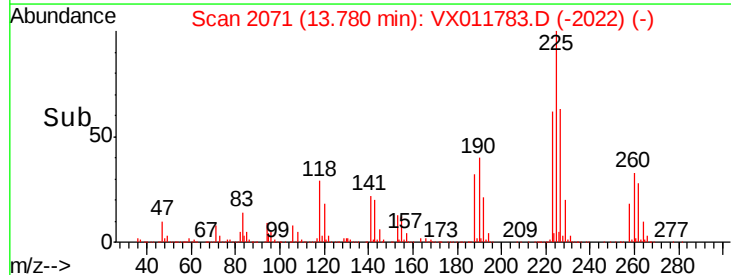
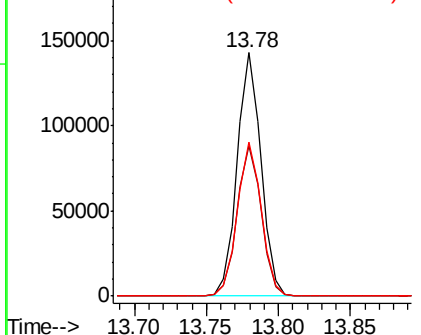


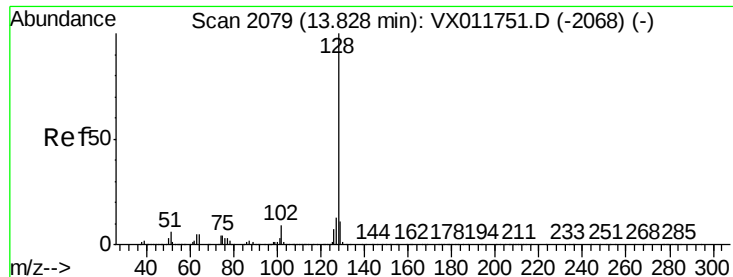
#94
 Hexachlorobutadiene
 Concen: 48.961 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011783.D
 Acq: 22 Aug 2019 23:34

Tgt Ion:225 Resp: 164833
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.0 93.0
 227 63.6 31.8 95.3



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

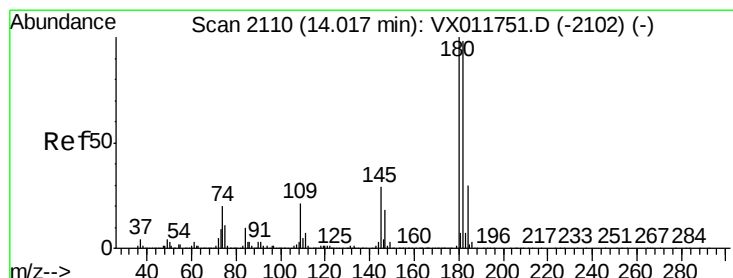
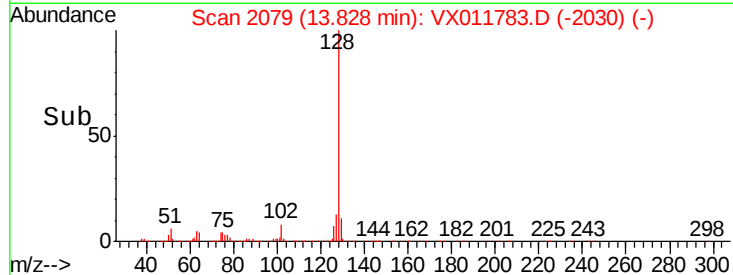
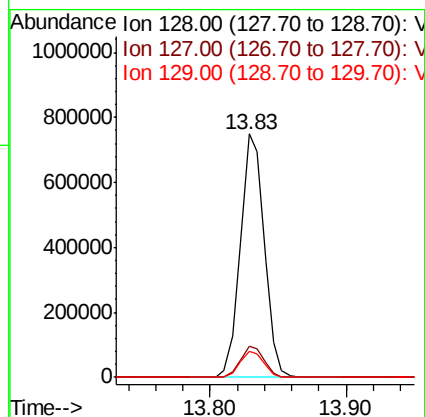
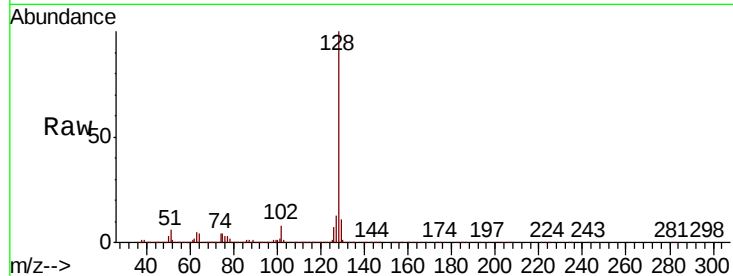




#95
Naphthalene
Concen: 54.033 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 914313
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.195 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011783.D
Acq: 22 Aug 2019 23:34

Tgt Ion:180 Resp: 315822
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.5
145 28.5 14.6 43.8

