

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011289.D
 Acq On : 02 Aug 2019 03:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 03:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	217175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	75287	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.49	113	70657	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.71	98	268759	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	98473	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	58636	51.912	ug/l	100
3) Chloromethane	1.32	50	66540	52.459	ug/l	100
4) Vinyl Chloride	1.40	62	74149	53.144	ug/l	100
5) Bromomethane	1.63	94	52207	52.465	ug/l	98
6) Chloroethane	1.71	64	53419	62.496	ug/l	98
7) Trichlorofluoromethane	1.92	101	132626	53.460	ug/l	97
8) Diethyl Ether	2.18	74	47008	53.066	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67965	50.632	ug/l	100
10) Methyl Iodide	2.50	142	95506	56.434	ug/l	100
11) Tert butyl alcohol	3.04	59	85725	291.889	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68670	51.607	ug/l	94
13) Acrolein	2.29	56	47174	258.482	ug/l	99
14) Allyl chloride	2.72	41	97321	54.863	ug/l	98
15) Acrylonitrile	3.13	53	197521	281.837	ug/l	98
16) Acetone	2.43	43	163676	233.482	ug/l	99
17) Carbon Disulfide	2.56	76	173311	55.504	ug/l	100
18) Methyl Acetate	2.76	43	88128	55.010	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	218158	55.635	ug/l	97
20) Methylene Chloride	2.85	84	79197	51.585	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74277	52.770	ug/l	96
22) Diisopropyl ether	3.85	45	213727	54.820	ug/l	98
23) Vinyl Acetate	3.81	43	931457	288.053	ug/l	99
24) 1,1-Dichloroethane	3.69	63	123605	53.766	ug/l	98
25) 2-Butanone	4.67	43	270040	270.797	ug/l	99
26) 2,2-Dichloropropane	4.58	77	66438	37.177	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	86659	53.451	ug/l	95
28) Bromochloromethane	5.01	49	53983	51.508	ug/l	98
29) Tetrahydrofuran	5.12	42	173000	282.941	ug/l	100
30) Chloroform	5.20	83	135580	54.262	ug/l	100
31) Cyclohexane	5.57	56	100502	52.989	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	115940	54.167	ug/l	99
36) 1,1-Dichloropropene	5.79	75	96583	50.937	ug/l	99
37) Ethyl Acetate	4.82	43	103616	54.478	ug/l	99
38) Carbon Tetrachloride	5.77	117	102492	53.727	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111303	49.522	ug/l	99
40) Benzene	6.14	78	300595	53.125	ug/l	96
41) Methacrylonitrile	5.04	41	57636	55.487	ug/l	98
42) 1,2-Dichloroethane	6.19	62	102838	53.748	ug/l	99
43) Isopropyl Acetate	6.44	43	164440	54.078	ug/l	99
44) Trichloroethene	7.21	130	88491	51.668	ug/l	95
45) 1,2-Dichloropropane	7.51	63	75658	51.630	ug/l	98
46) Dibromomethane	7.66	93	56290	52.620	ug/l	98
47) Bromodichloromethane	7.90	83	100752	55.628	ug/l	99
48) Methyl methacrylate	7.77	41	81338	56.838	ug/l	99
49) 1,4-Dioxane	7.73	88	44515	1072.979	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	560661	285.698	ug/l	100
52) Toluene	8.78	92	199657	53.369	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	101457	48.208	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	114232	53.993	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	83530	54.305	ug/l	99
56) Ethyl methacrylate	9.18	69	125034	57.042	ug/l	100
57) 1,3-Dichloropropane	9.37	76	129669	53.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	277710	257.672	ug/l	100
59) 2-Hexanone	9.49	43	439036	288.835	ug/l	99
60) Dibromochloromethane	9.58	129	89355	56.741	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90295	54.335	ug/l	99
64) Tetrachloroethene	9.34	164	89089	51.328	ug/l	98
65) Chlorobenzene	10.13	112	225887	51.546	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	83172	55.438	ug/l	99
67) Ethyl Benzene	10.25	91	390453	53.202	ug/l	99
68) m/p-Xylenes	10.36	106	305622	107.661	ug/l	100
69) o-Xylene	10.69	106	147829	53.001	ug/l	100
70) Styrene	10.71	104	256038	55.479	ug/l	99
71) Bromoform	10.85	173	67967	50.630	ug/l #	99
73) Isopropylbenzene	11.02	105	399333	52.827	ug/l	100
74) N-amyl acetate	10.90	43	155735	57.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133044	52.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140873	69.988	ug/l	83
77) Bromobenzene	11.25	156	111110	53.007	ug/l	99
78) n-propylbenzene	11.36	91	447713	53.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	262253	52.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	337461	53.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34047	45.605	ug/l	99
82) 4-Chlorotoluene	11.51	91	306416	52.475	ug/l	100
83) tert-Butylbenzene	11.77	119	327131	52.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	339512	53.889	ug/l	99
85) sec-Butylbenzene	11.94	105	391126	52.454	ug/l	100
86) p-Isopropyltoluene	12.06	119	369268	53.831	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193005	52.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195049	51.072	ug/l	98
89) n-Butylbenzene	12.38	91	312510	52.879	ug/l	100
90) Hexachloroethane	12.60	117	56050	55.267	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	194336	52.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27841	57.044	ug/l	97

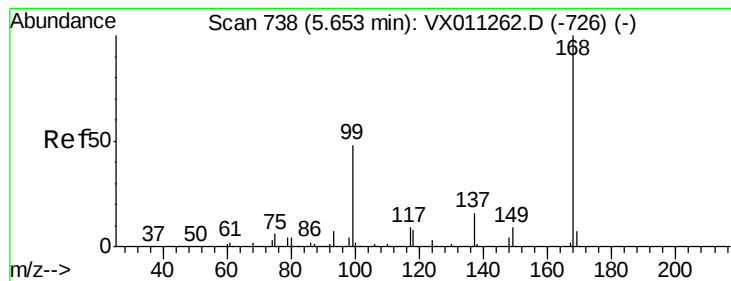
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130912	53.045	ug/l	100
94) Hexachlorobutadiene	13.78	225	62219	49.691	ug/l	97
95) Naphthalene	13.83	128	407551	56.469	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131450	52.391	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

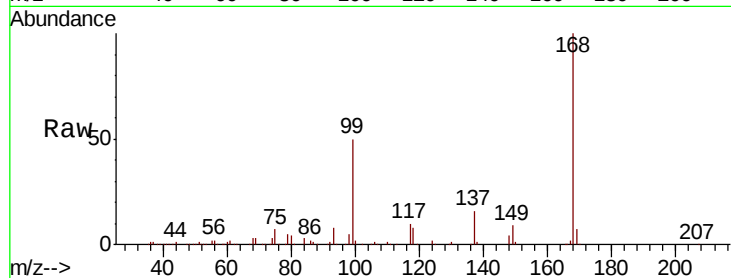
VSTDCCC050EC

Tot Ion:168 Resp: 146248

Ion Ratio Lower Upper

168 100

99 49.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

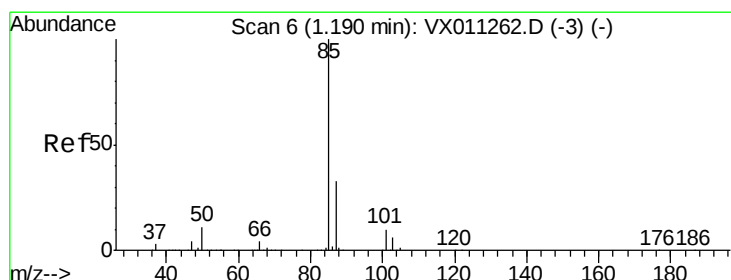
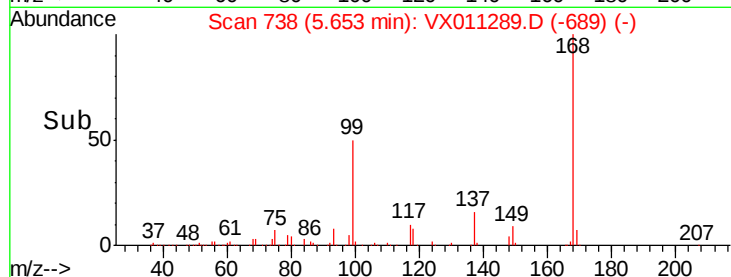
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.912 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011289.D

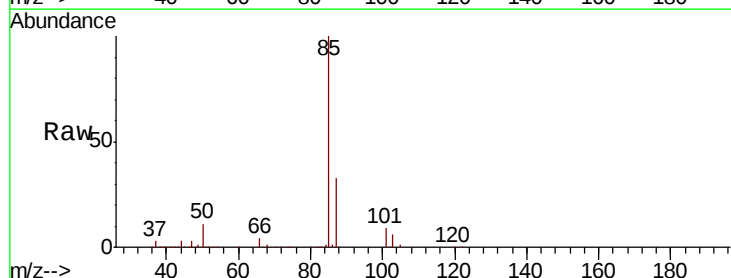
Acq: 02 Aug 2019 03:31

Tgt Ion: 85 Resp: 58636

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

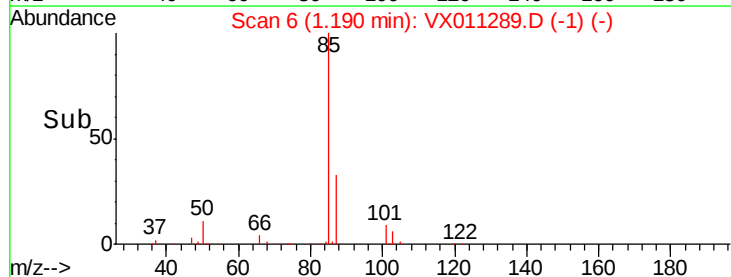
40000

20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 52.459 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

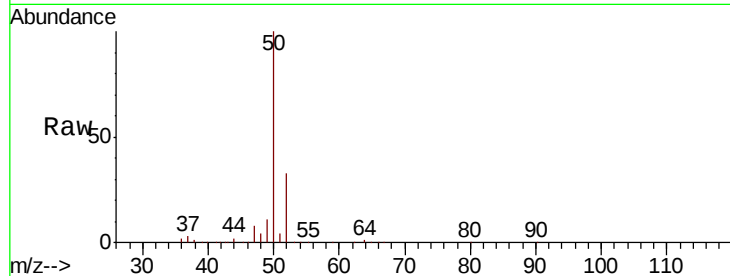
VSTDCCC050EC

Tot Ion: 50 Resp: 66540

Ion Ratio Lower Upper

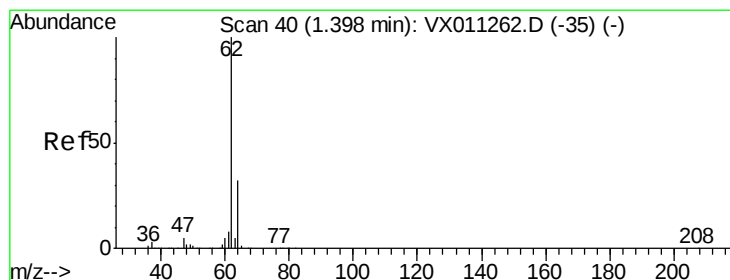
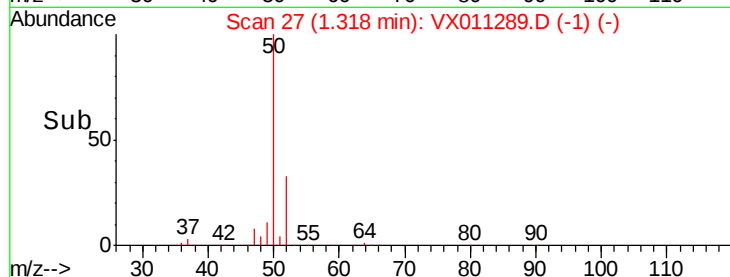
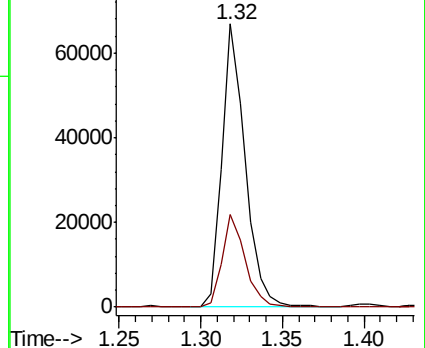
50 100

52 32.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.144 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011289.D

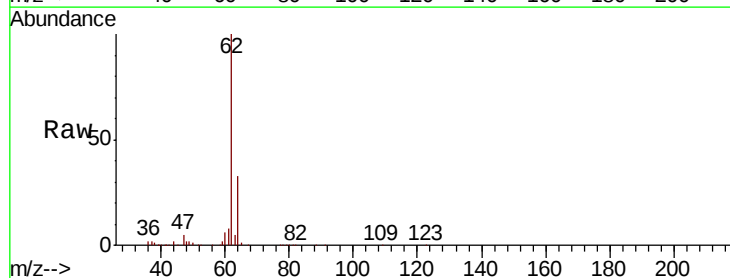
Acq: 02 Aug 2019 03:31

Tgt Ion: 62 Resp: 74149

Ion Ratio Lower Upper

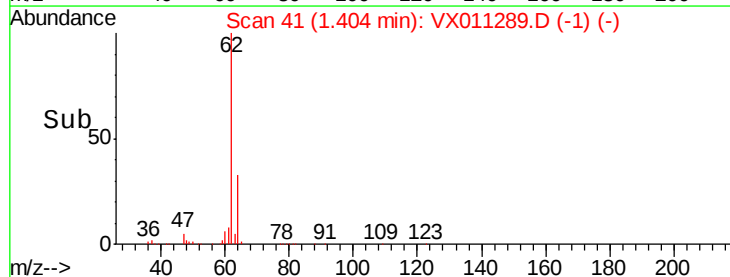
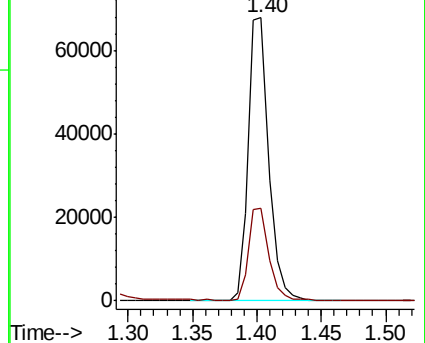
62 100

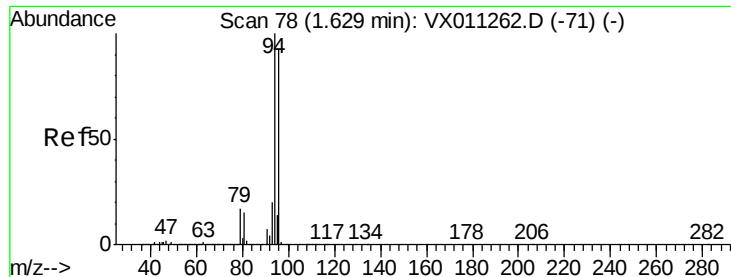
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.465 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

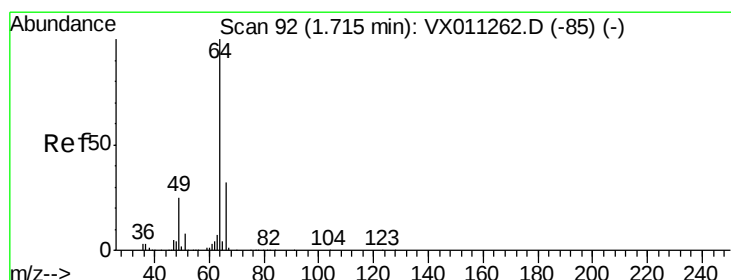
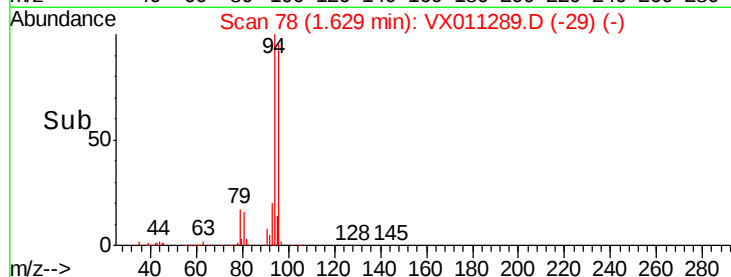
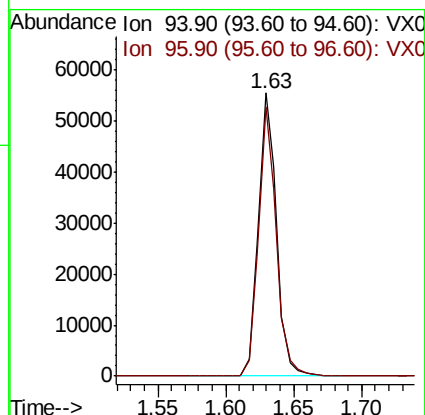
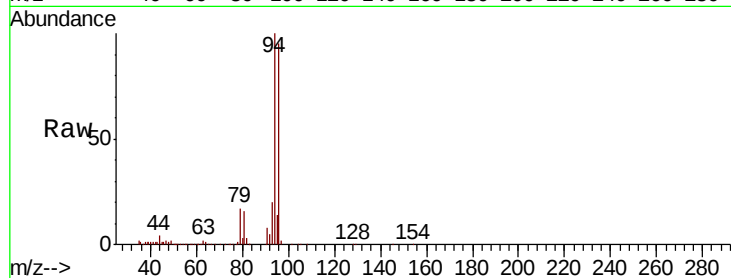
VSTDCCC050EC

Tot Ion: 94 Resp: 52207

Ion Ratio Lower Upper

94 100

96 95.1 74.6 112.0



#6

Chloroethane

Concen: 62.496 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011289.D

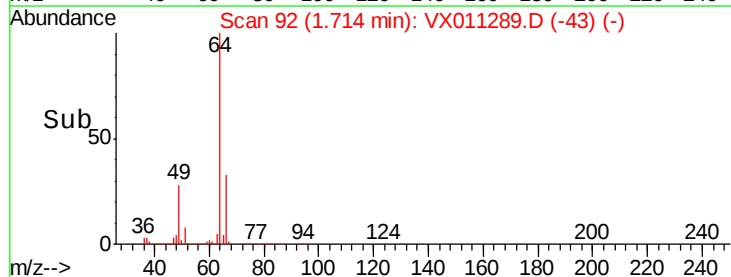
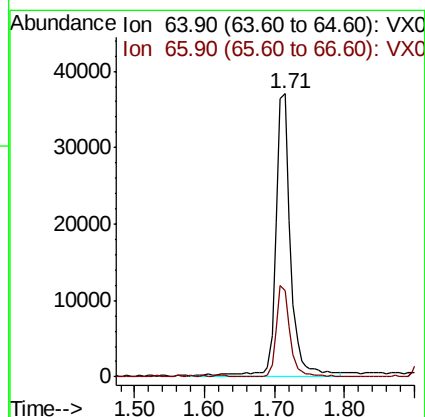
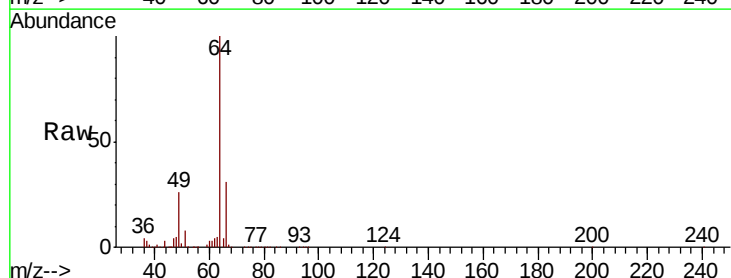
Acq: 02 Aug 2019 03:31

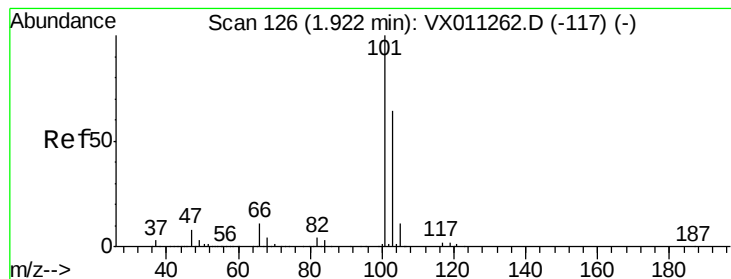
Tgt Ion: 64 Resp: 53419

Ion Ratio Lower Upper

64 100

66 30.4 25.1 37.7



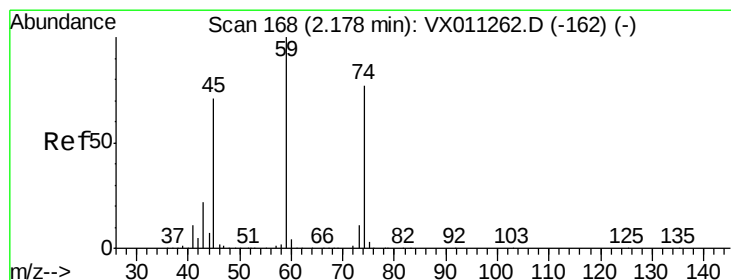
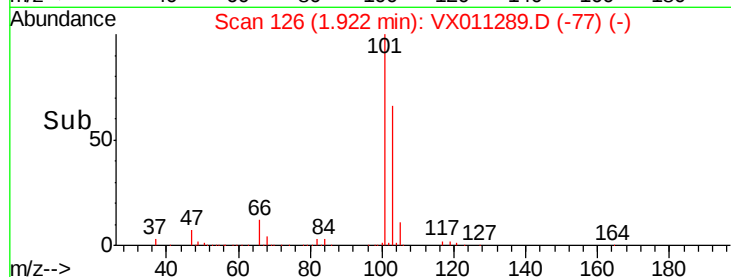
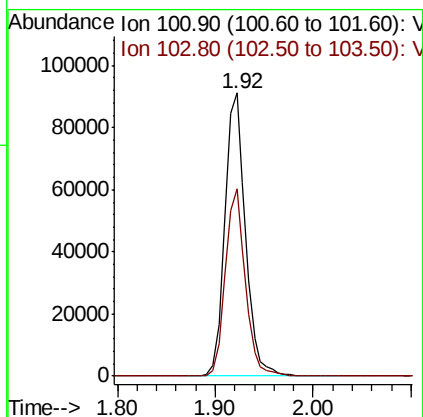
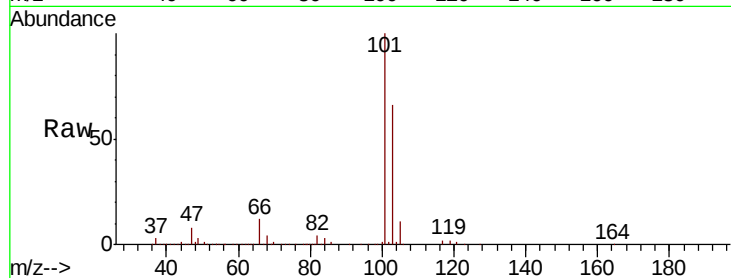


#7

Trichlorofluoromethane
 Concen: 53.460 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

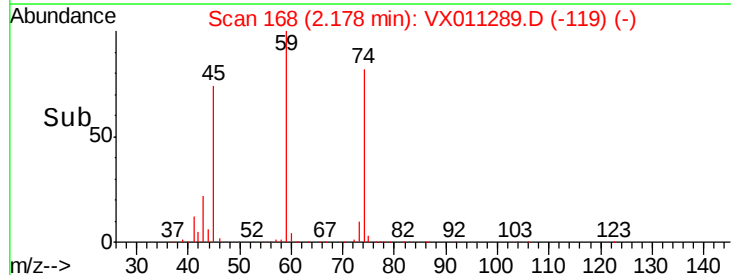
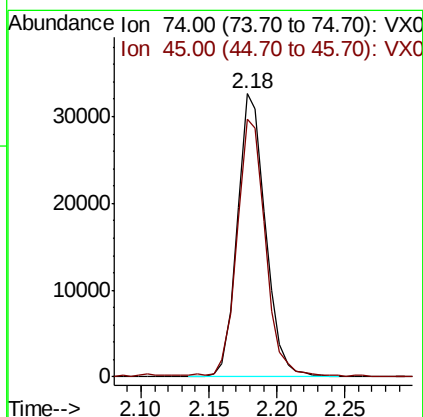
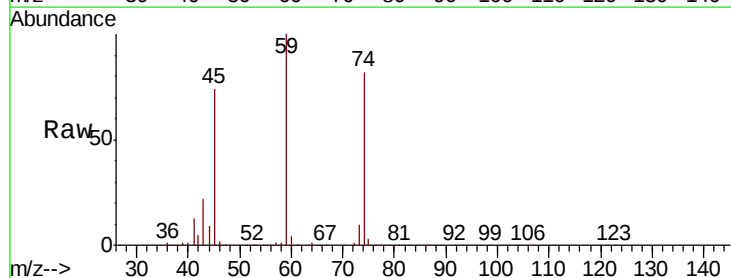
Tot Ion:101 Resp: 132626
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.9 76.3



#8

Diethyl Ether
 Concen: 53.066 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 74 Resp: 47008
 Ion Ratio Lower Upper
 74 100
 45 91.2 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.632 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

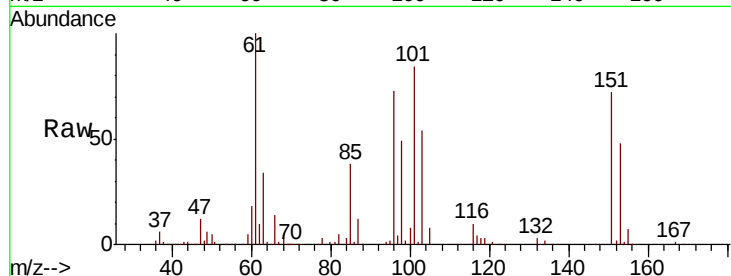
Tot Ion:101 Resp: 67965

Ion Ratio Lower Upper

101 100

85 42.7 33.8 50.6

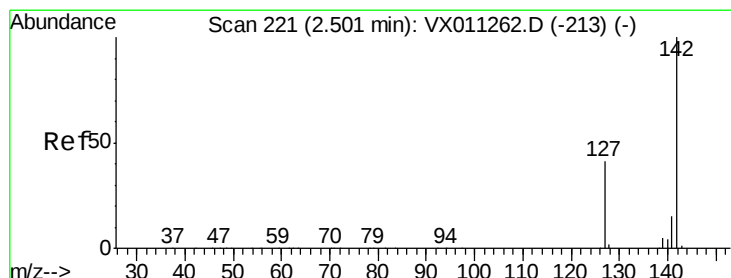
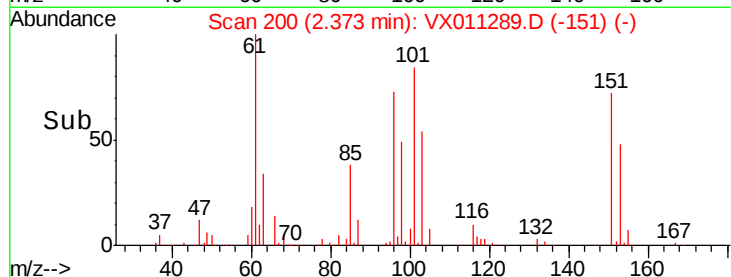
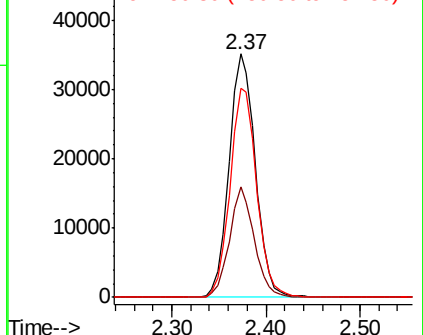
151 87.0 69.5 104.3



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: 56.434 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

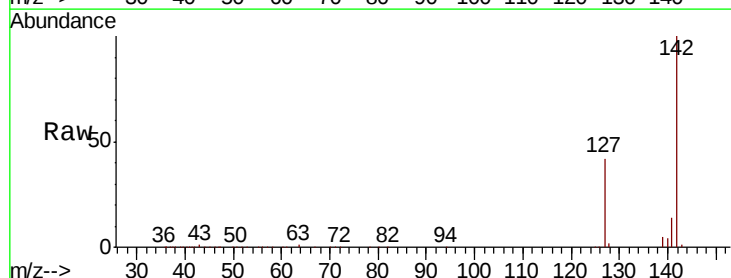
Tgt Ion:142 Resp: 95506

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.8

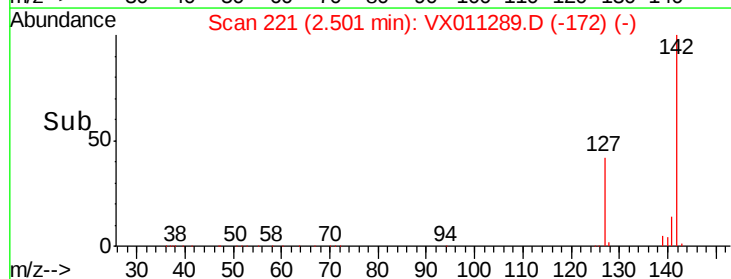
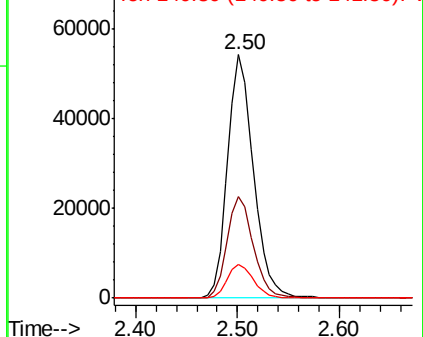
141 14.3 11.4 17.2

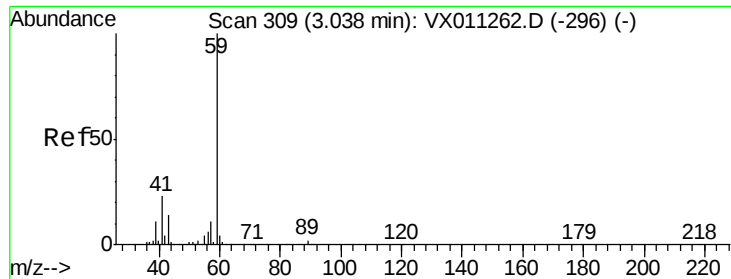


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

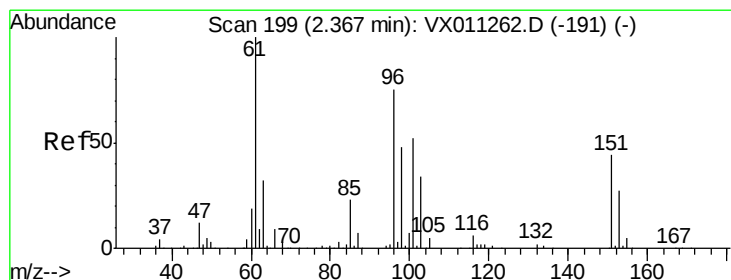
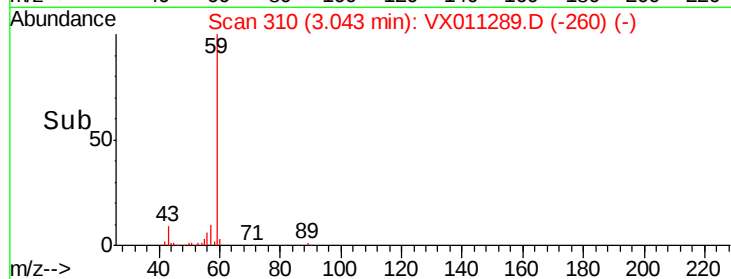
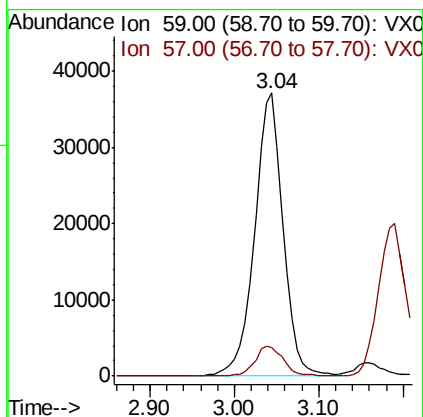
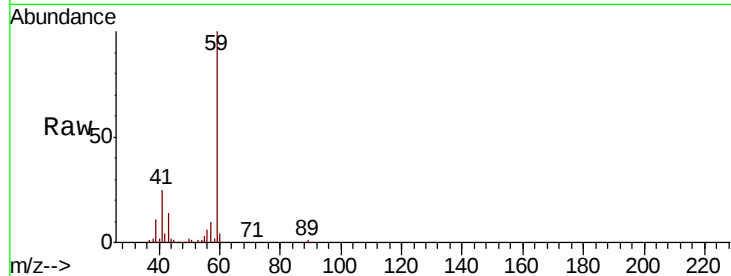




#11
Tert butyl alcohol
Concen: 291.889 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

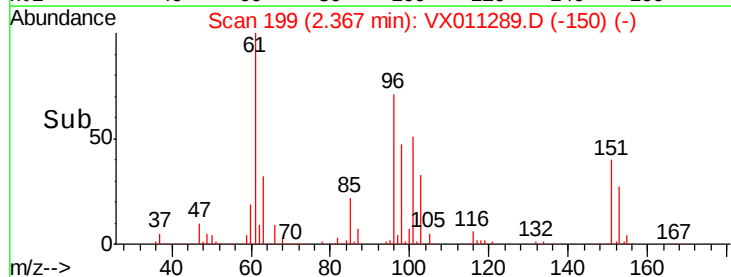
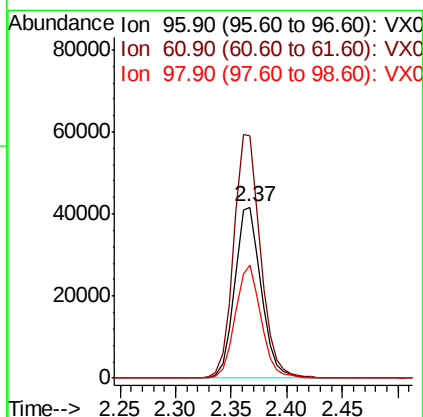
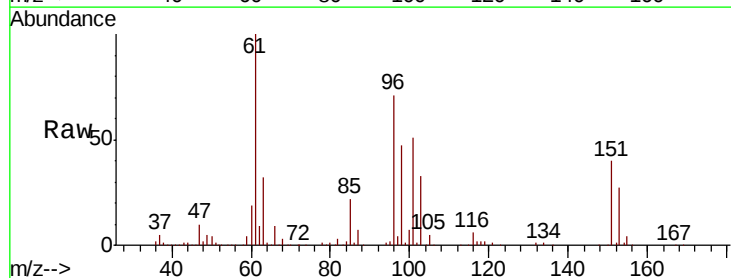
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

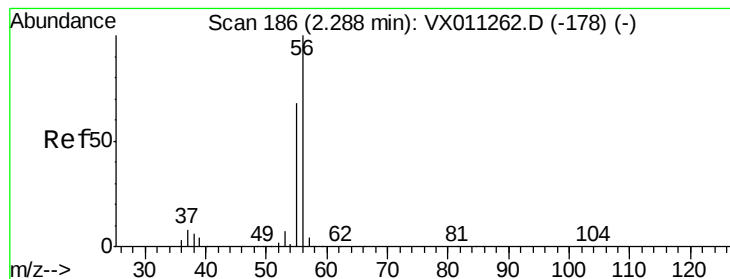
Tot Ion: 59 Resp: 85725
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.607 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 96 Resp: 68670
Ion Ratio Lower Upper
96 100
61 141.7 106.2 159.2
98 66.4 50.6 75.8





#13

Acrolein

Concen: 258.482 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

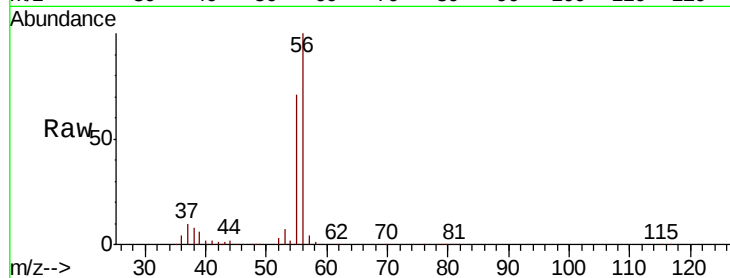
VSTDCCC050EC

Tot Ion: 56 Resp: 47174

Ion Ratio Lower Upper

56 100

55 69.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

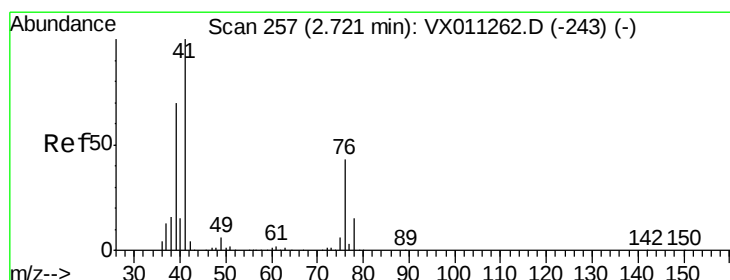
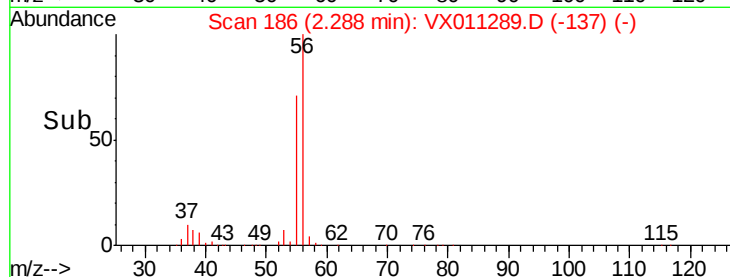
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 54.863 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

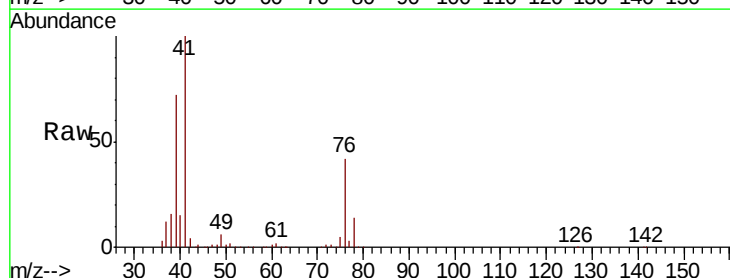
Tgt Ion: 41 Resp: 97321

Ion Ratio Lower Upper

41 100

39 65.1 52.8 79.2

76 37.1 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

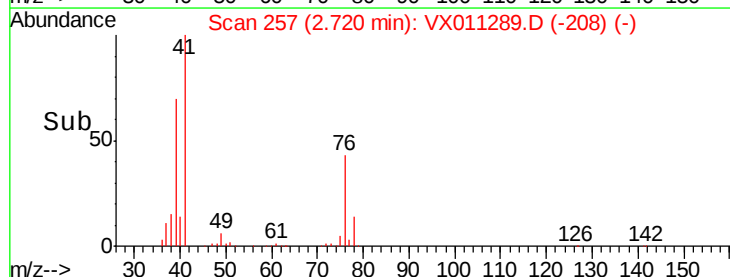
40000

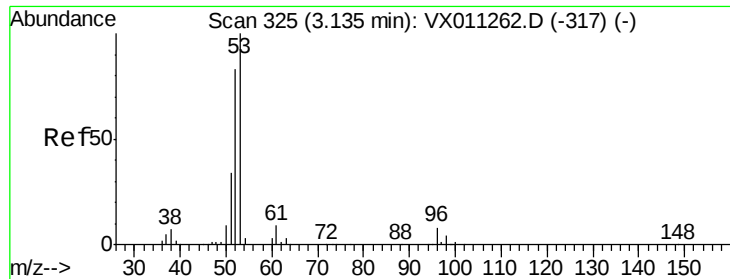
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 281.837 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

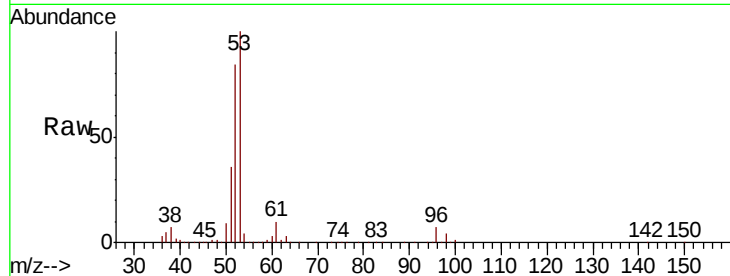
Tot Ion: 53 Resp: 197521

Ion Ratio Lower Upper

53 100

52 83.6 65.5 98.3

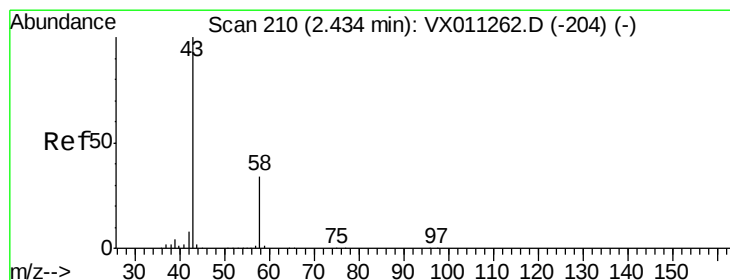
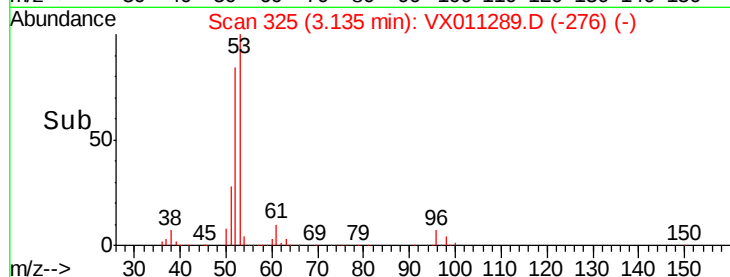
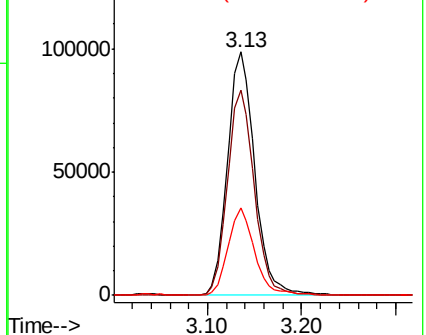
51 35.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 233.482 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011289.D

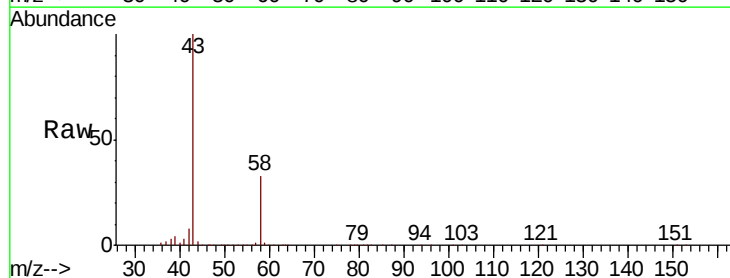
Acq: 02 Aug 2019 03:31

Tgt Ion: 43 Resp: 163676

Ion Ratio Lower Upper

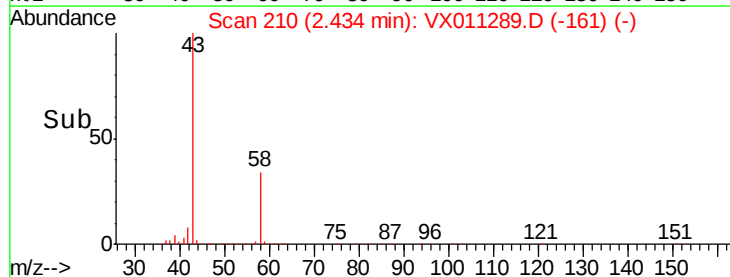
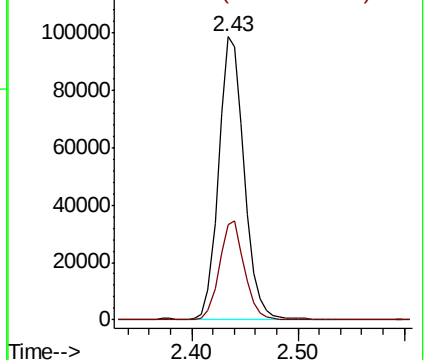
43 100

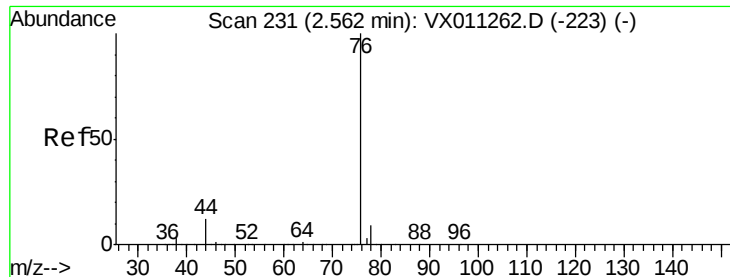
58 33.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

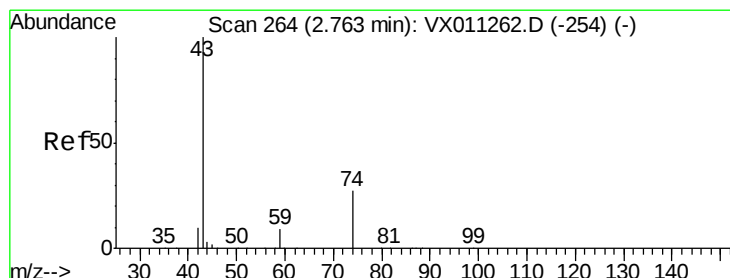
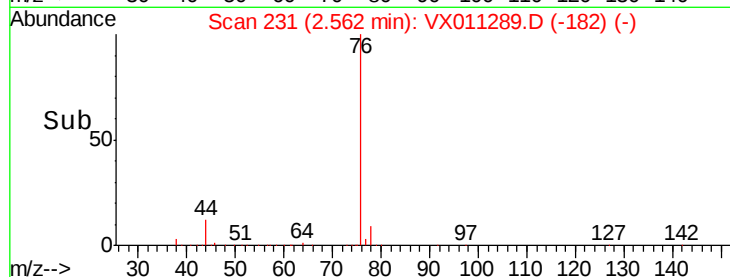
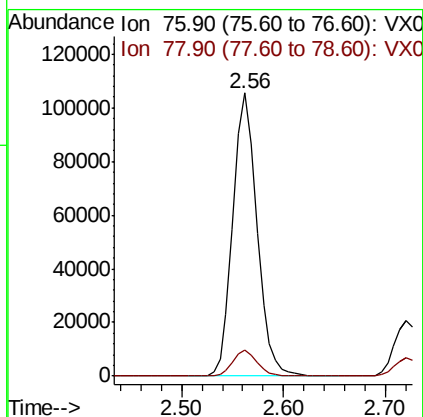
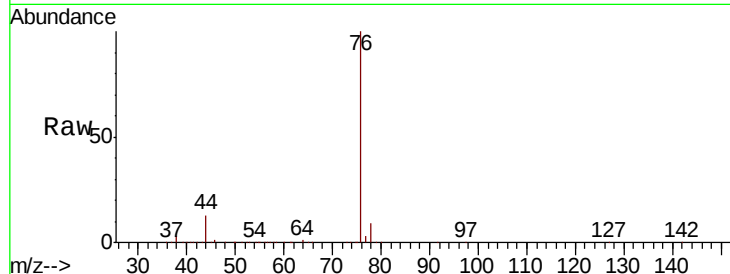




#17
Carbon Disulfide
Concen: 55.504 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

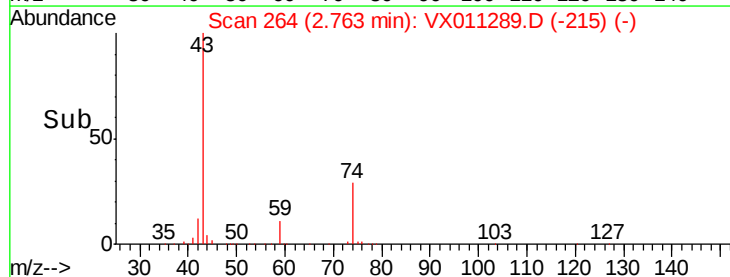
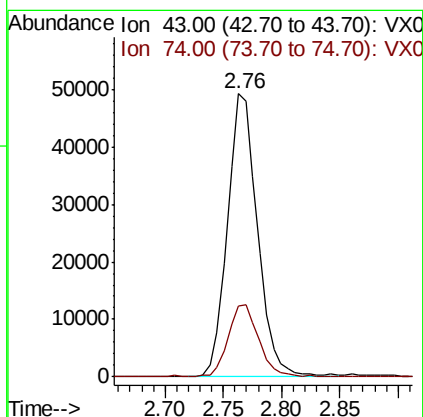
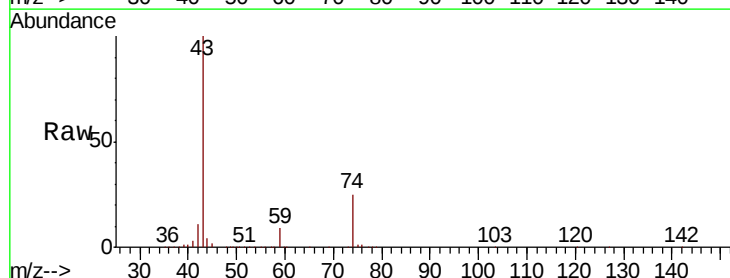
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

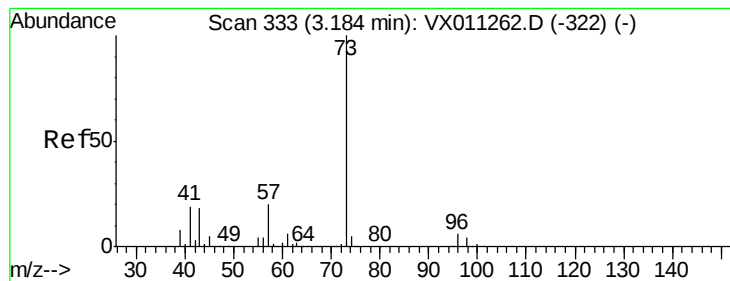
Tot Ion: 76 Resp: 173311
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 55.010 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 43 Resp: 88128
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6



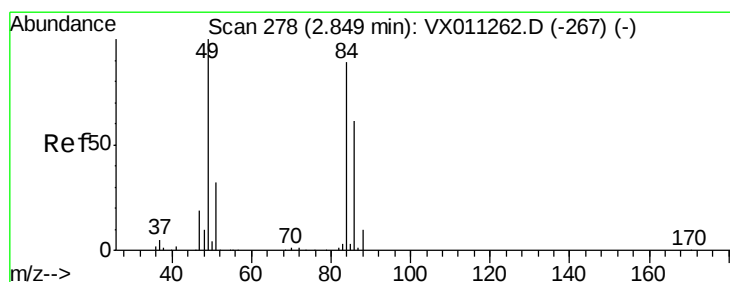
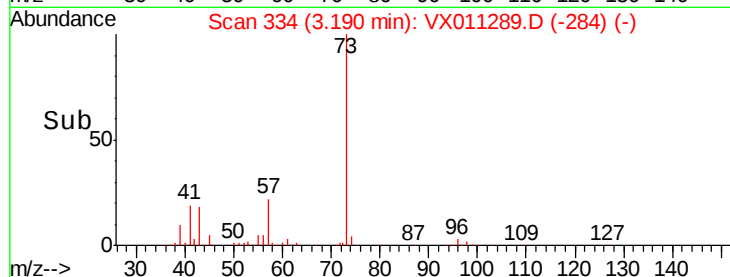
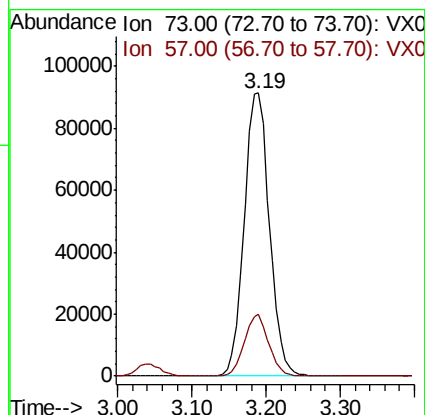
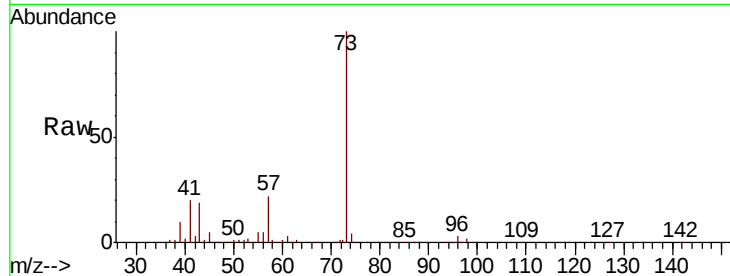


#19

Methyl tert-butyl Ether
 Concen: 55.635 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

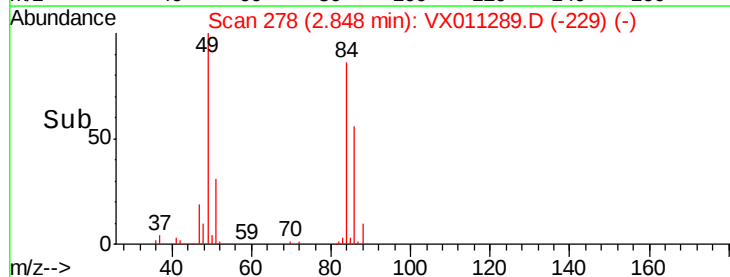
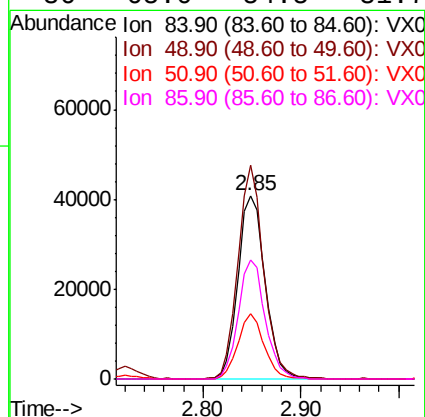
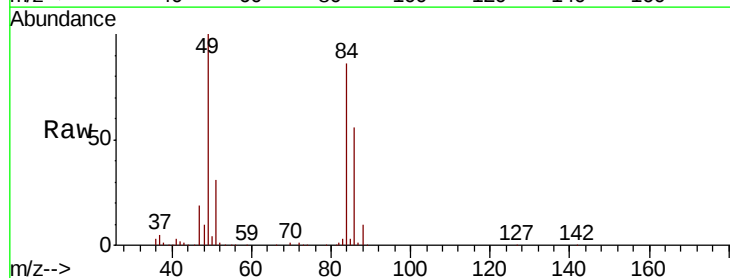
Tot Ion: 73 Resp: 218158
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.2 24.2

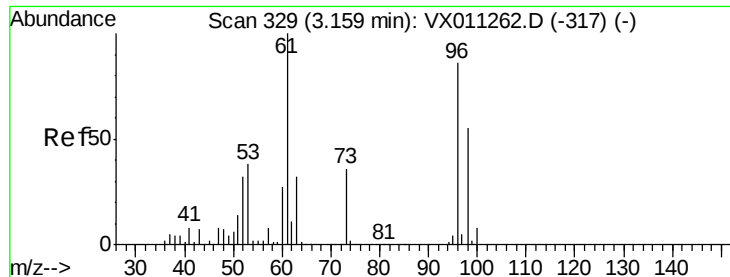


#20

Methylene Chloride
 Concen: 51.585 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 84 Resp: 79197
 Ion Ratio Lower Upper
 84 100
 49 116.0 89.3 133.9
 51 35.7 28.3 42.5
 86 65.0 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 52.770 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

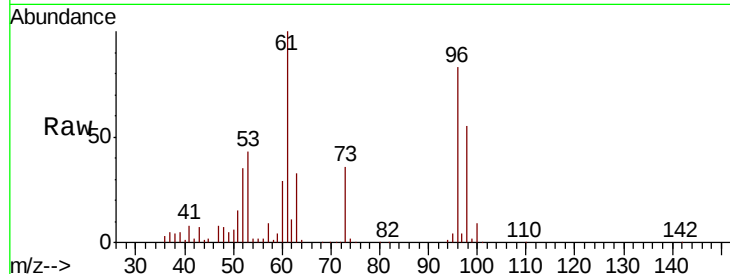
Tot Ion: 96 Resp: 74277

Ion Ratio Lower Upper

96 100

61 120.4 92.8 139.2

98 66.9 51.2 76.8

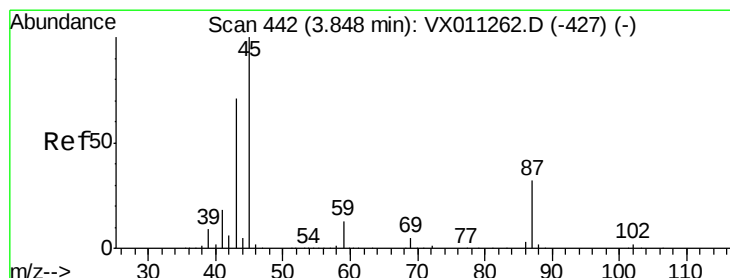
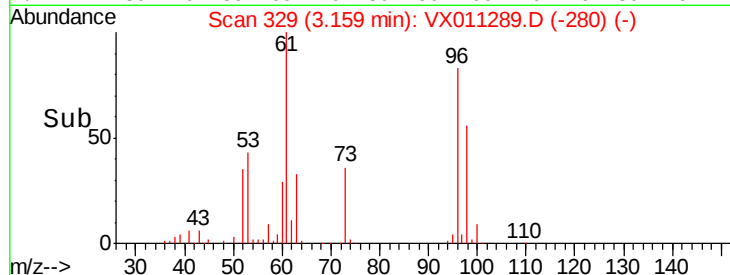
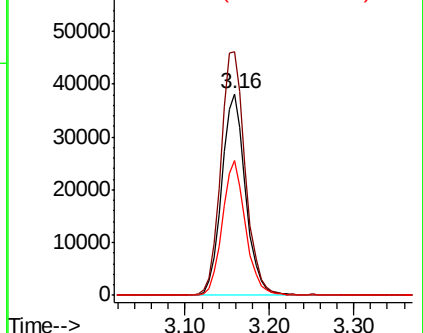


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.820 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Tgt Ion: 45 Resp: 213727

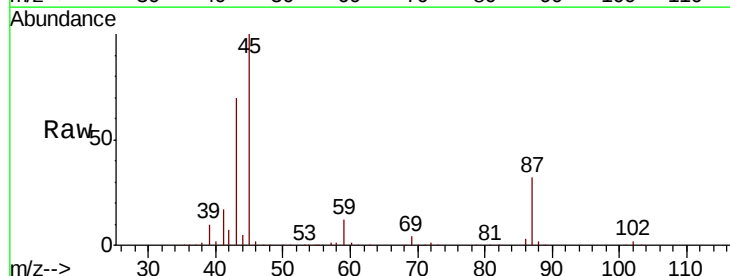
Ion Ratio Lower Upper

45 100

43 69.7 56.8 85.2

87 31.6 25.8 38.6

59 12.1 10.3 15.5



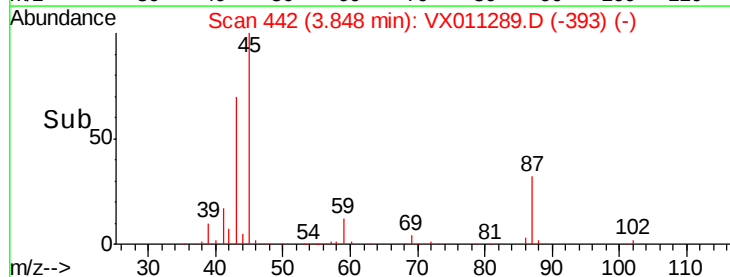
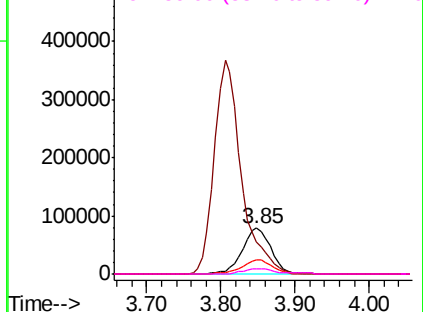
Abundance

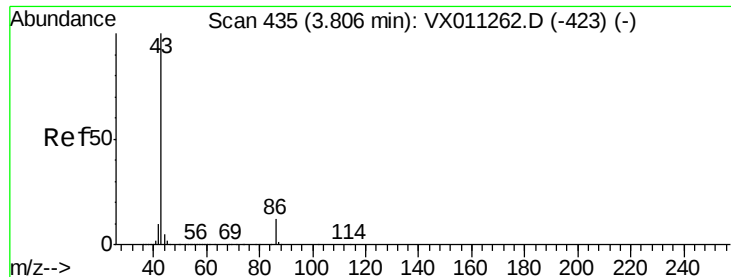
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 288.053 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

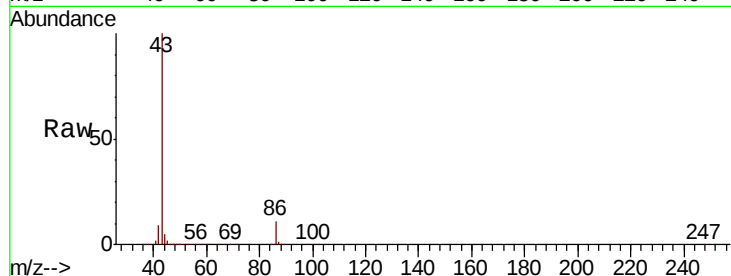
VSTDCCC050EC

Tot Ion: 43 Resp: 931457

Ion Ratio Lower Upper

43 100

86 11.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

300000

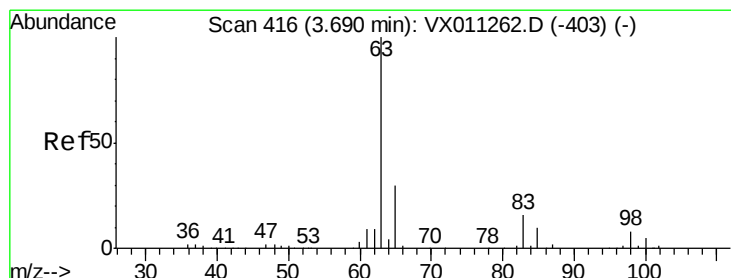
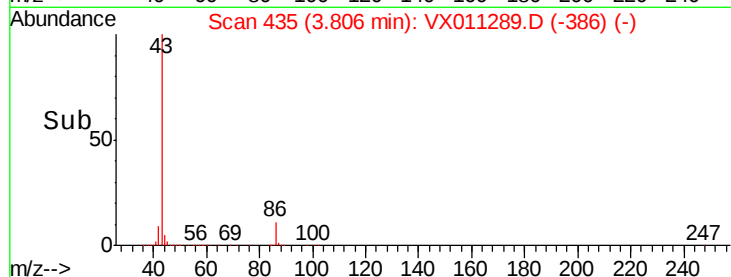
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.766 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

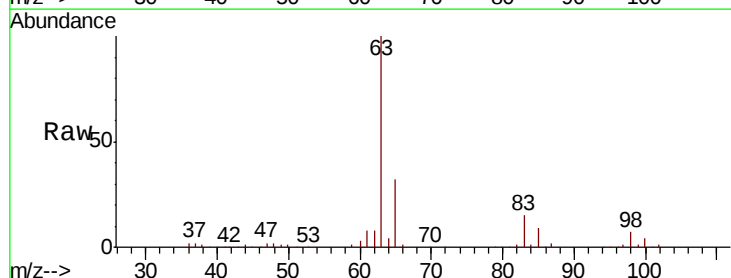
Tgt Ion: 63 Resp: 123605

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

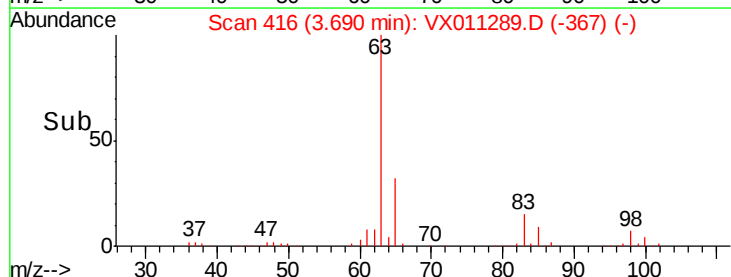
40000

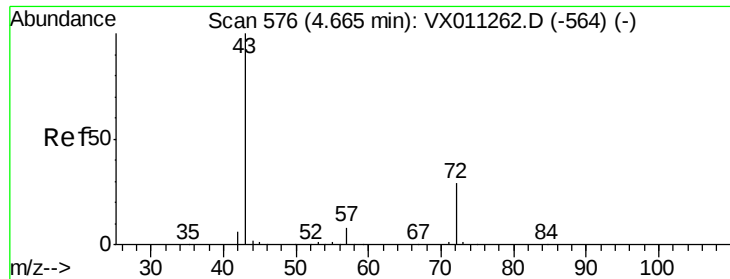
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 270.797 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

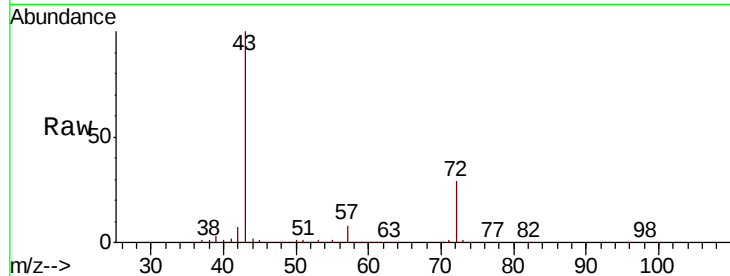
VSTDCCC050EC

Tot Ion: 43 Resp: 270040

Ion Ratio Lower Upper

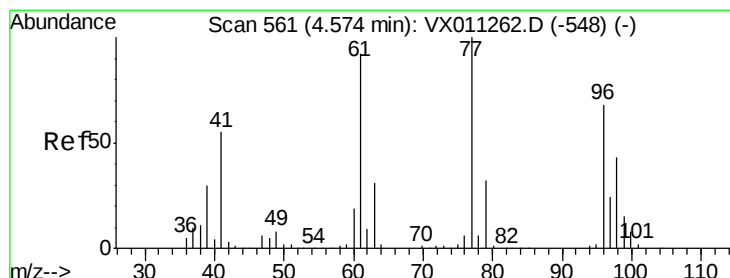
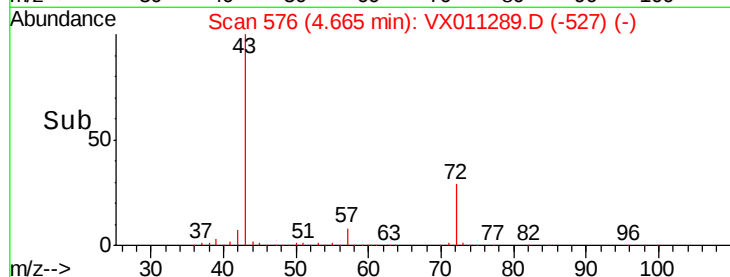
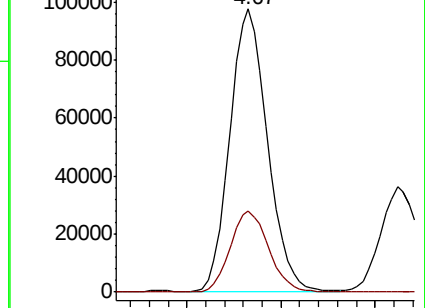
43 100

72 28.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.177 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011289.D

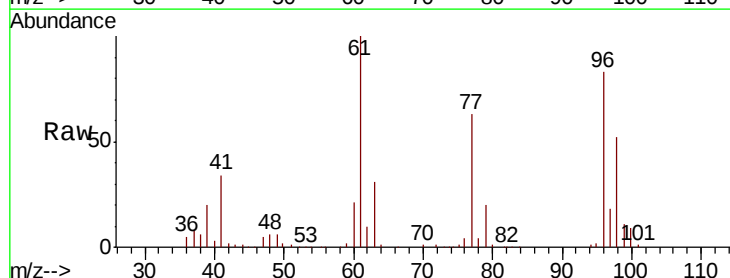
Acq: 02 Aug 2019 03:31

Tgt Ion: 77 Resp: 66438

Ion Ratio Lower Upper

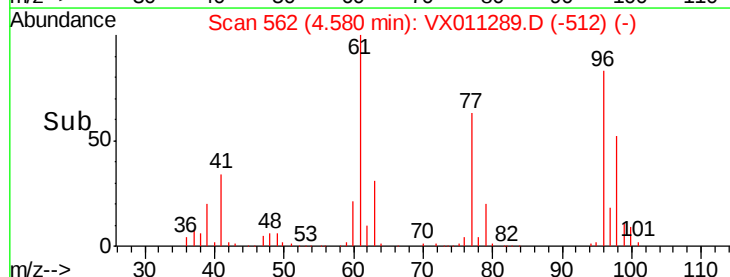
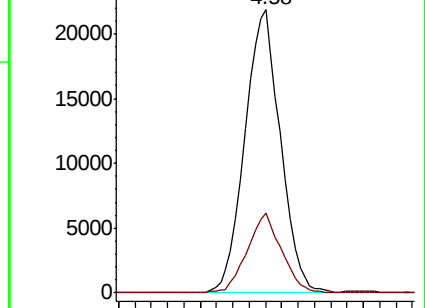
77 100

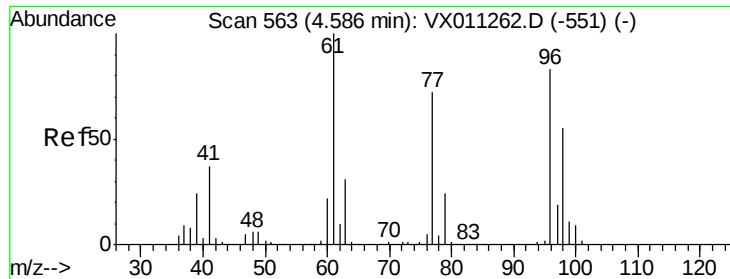
97 27.2 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



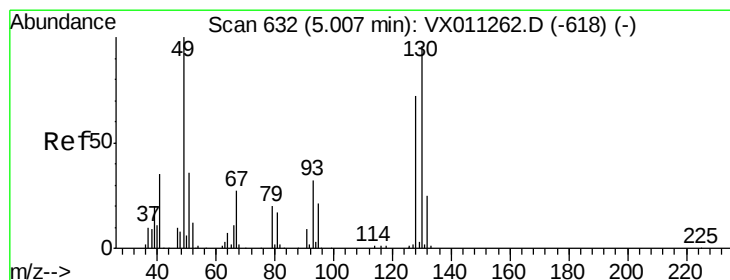
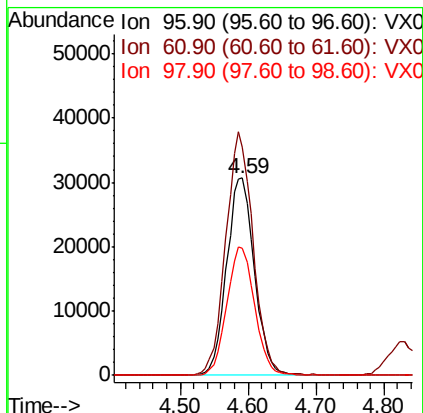
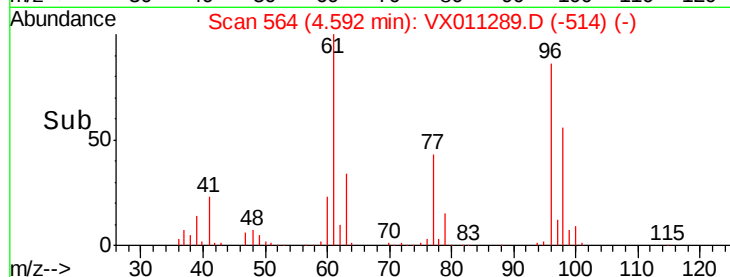
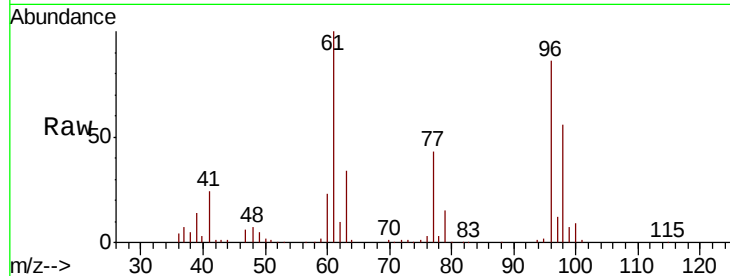


#27

cis-1,2-Dichloroethene
 Concen: 53.451 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

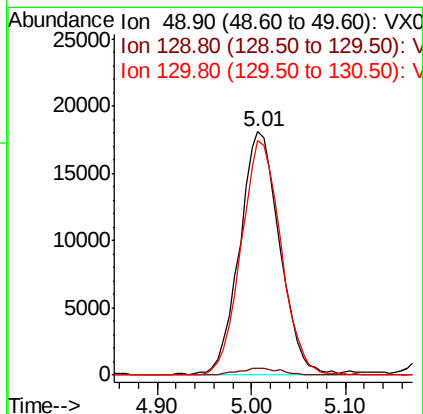
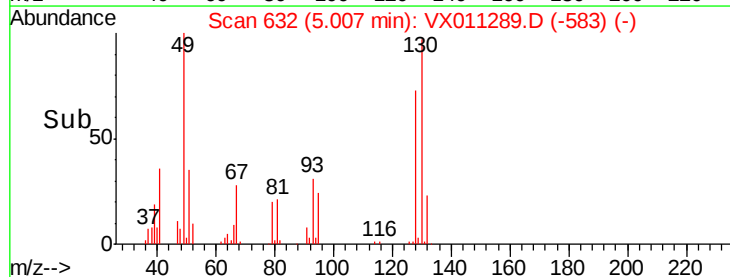
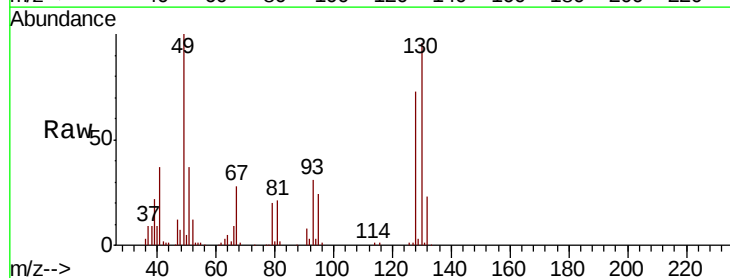
Tot Ion: 96 Resp: 86659
 Ion Ratio Lower Upper
 96 100
 61 121.7 0.0 260.2
 98 65.0 0.0 133.2

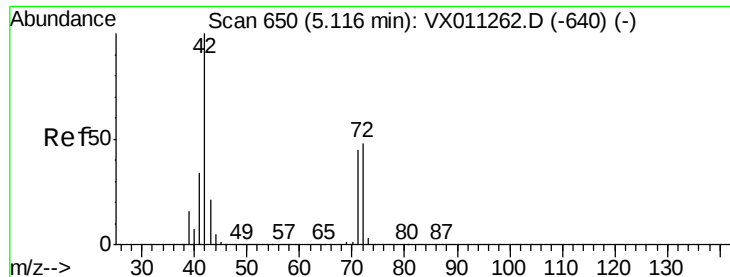


#28

Bromochloromethane
 Concen: 51.508 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 49 Resp: 53983
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.8
 130 95.7 77.9 116.9

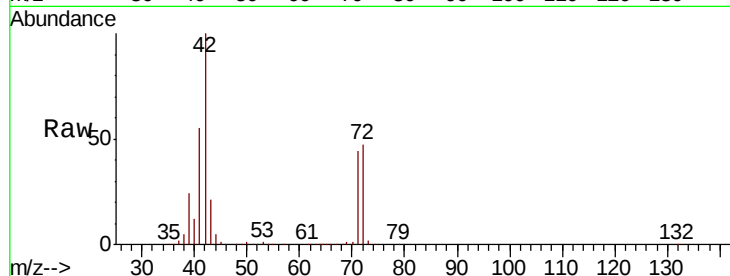




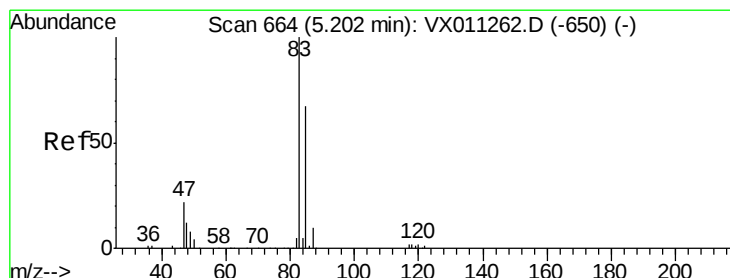
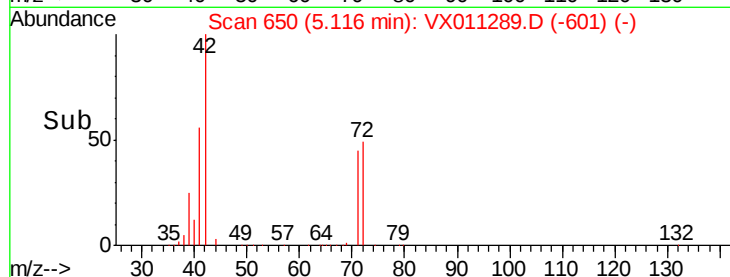
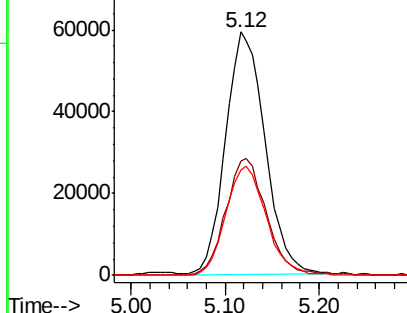
#29
Tetrahydrofuran
Concen: 282.941 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 173000
Ion Ratio Lower Upper
42 100
72 49.8 39.9 59.9
71 46.2 36.9 55.3

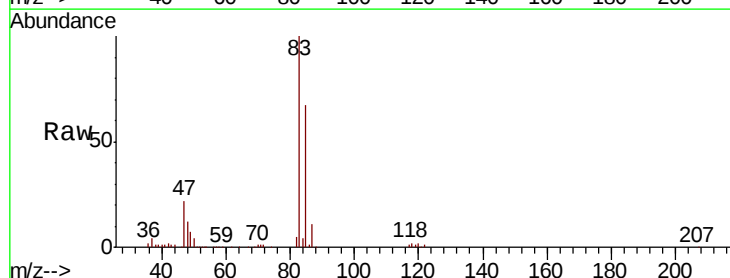


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

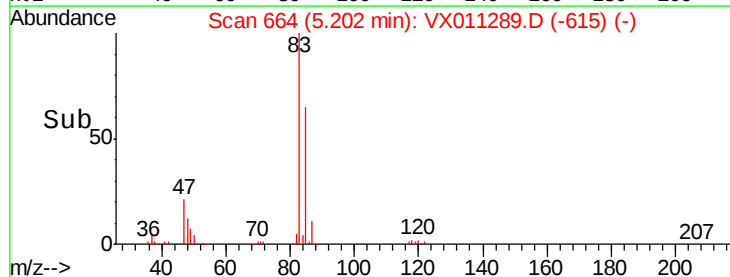
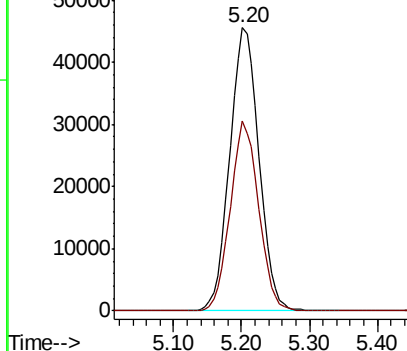


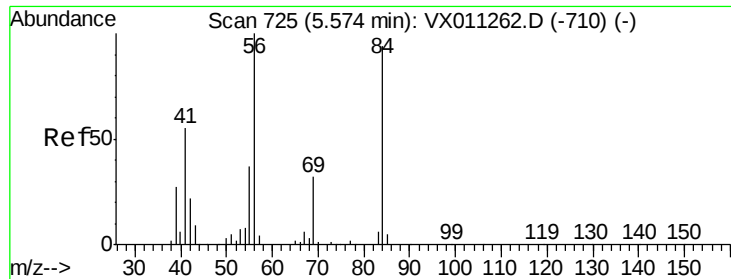
#30
Chloroform
Concen: 54.262 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 83 Resp: 135580
Ion Ratio Lower Upper
83 100
85 67.1 53.4 80.0



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

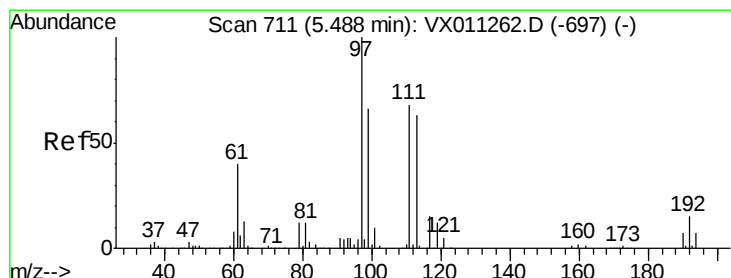
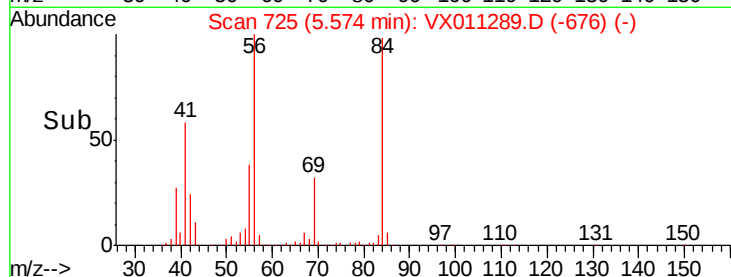
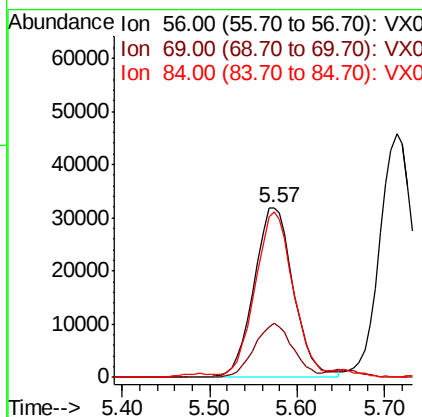
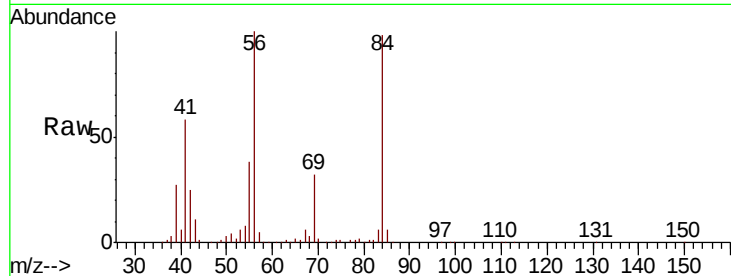




#31
Cyclohexane
Concen: 52.989 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

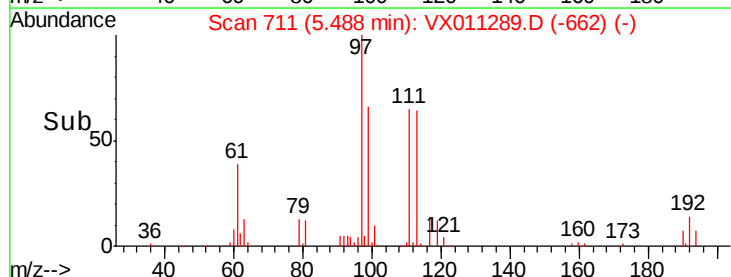
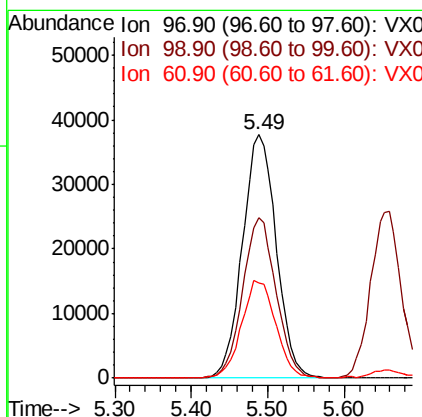
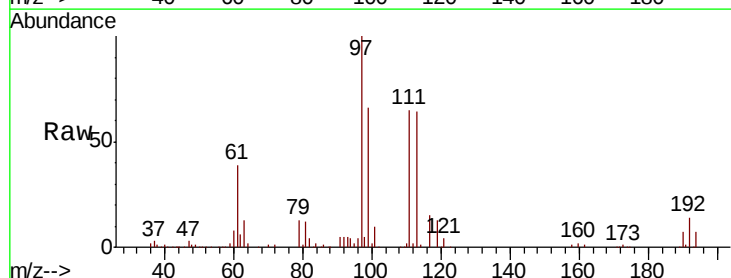
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

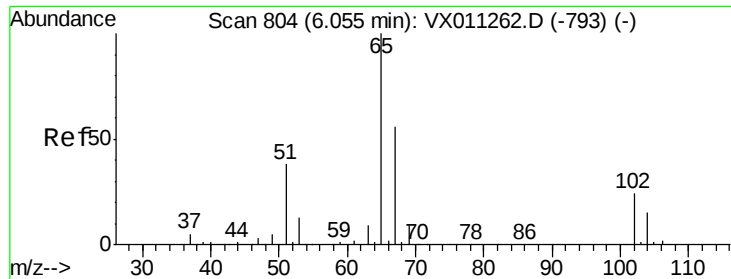
Tot Ion: 56 Resp: 100502
Ion Ratio Lower Upper
56 100
69 32.3 25.5 38.3
84 95.9 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 54.167 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 97 Resp: 115940
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 40.8 32.3 48.5

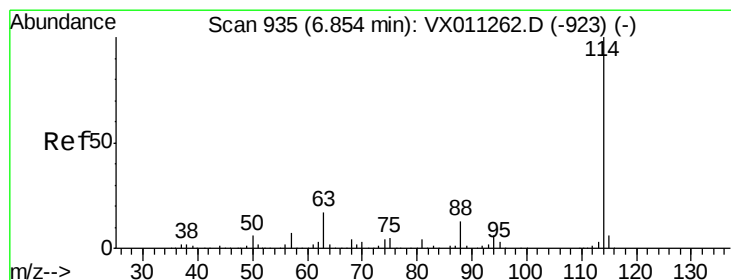
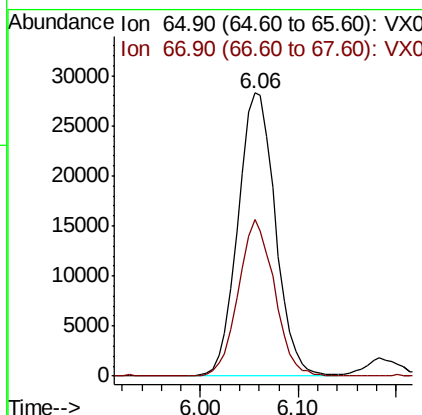
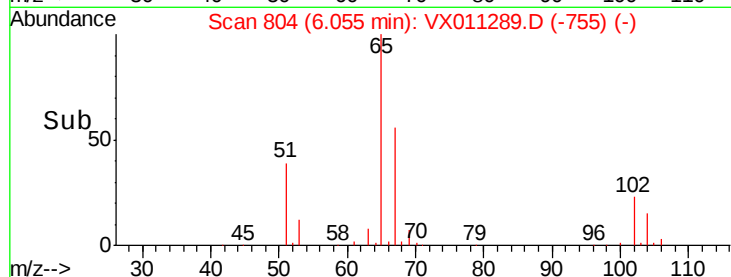
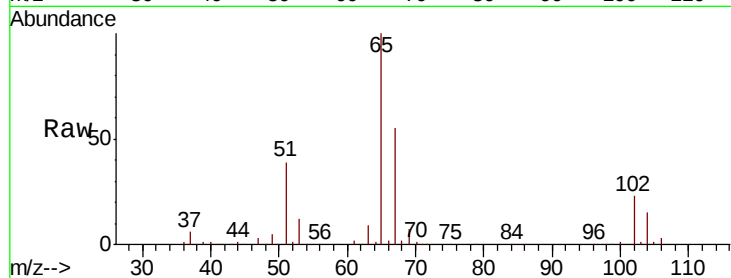




#33
 1,2-Dichloroethane-d4
 Concen: 51.118 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

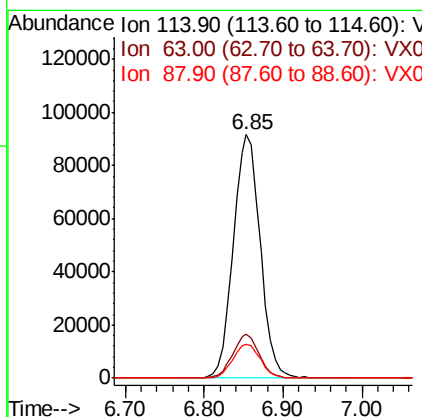
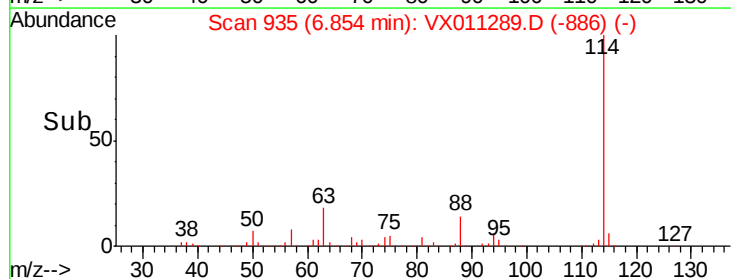
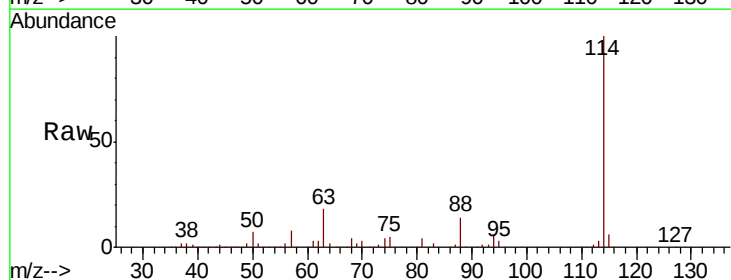
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

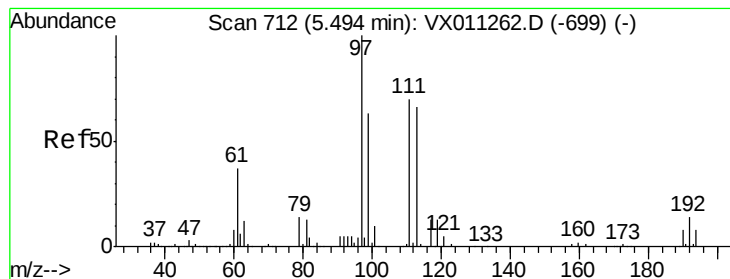
Tot Ion: 65 Resp: 75287
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 114 Resp: 217175
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.0
 88 13.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.833 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

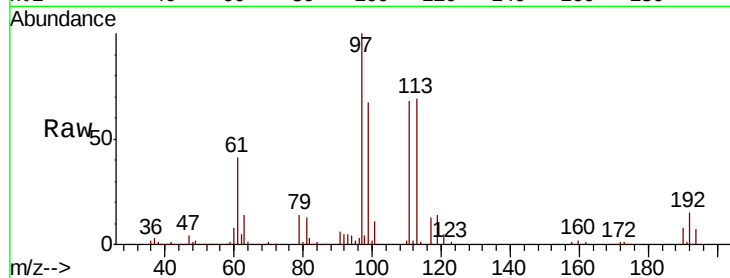
Tot Ion:113 Resp: 70657

Ion Ratio Lower Upper

113 100

111 100.3 81.9 122.9

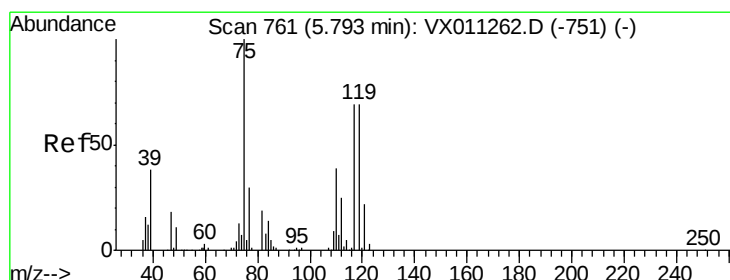
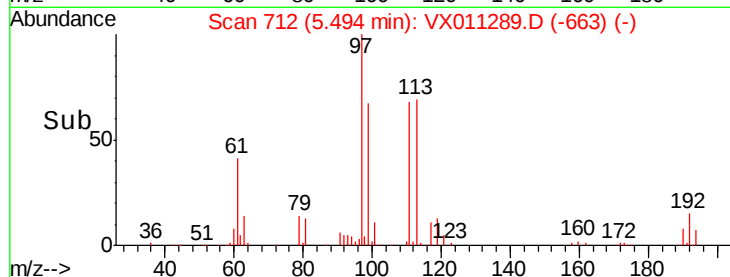
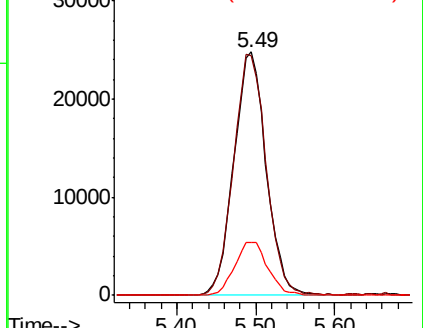
192 22.4 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.937 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

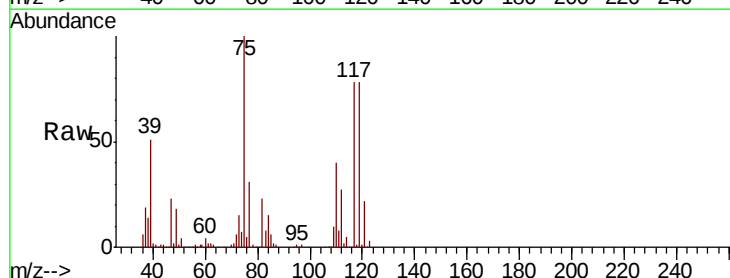
Tgt Ion: 75 Resp: 96583

Ion Ratio Lower Upper

75 100

110 40.0 20.0 59.9

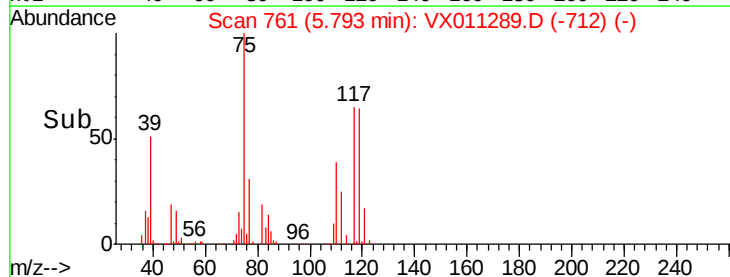
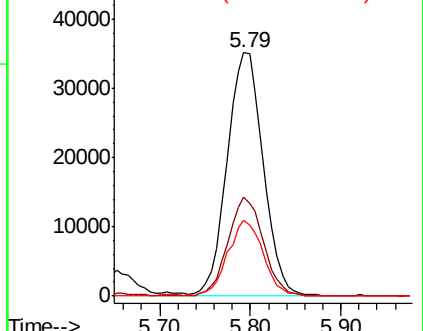
77 30.2 24.8 37.2

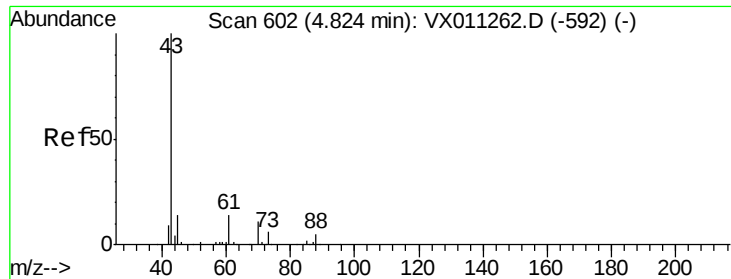


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

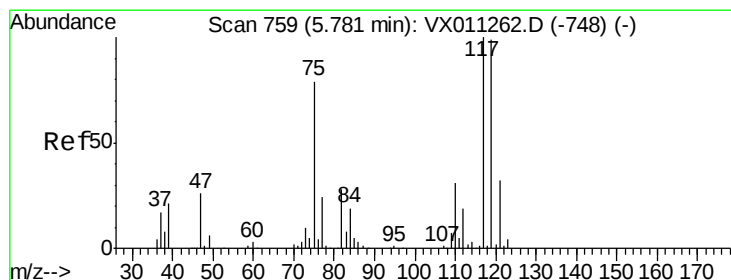
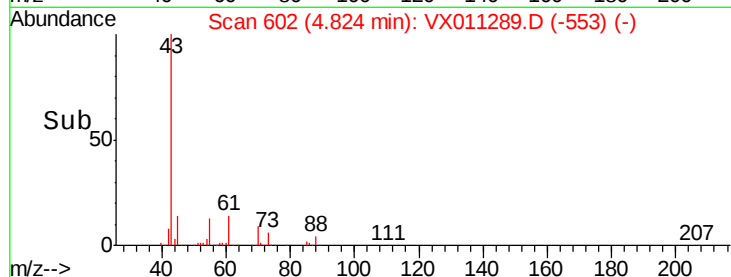
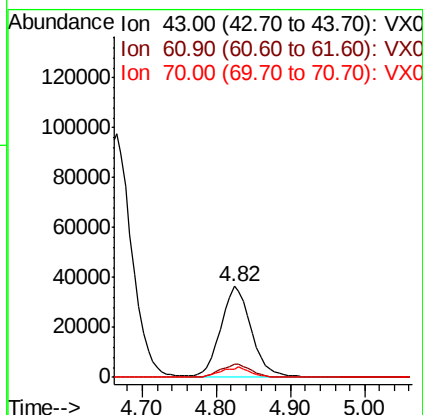
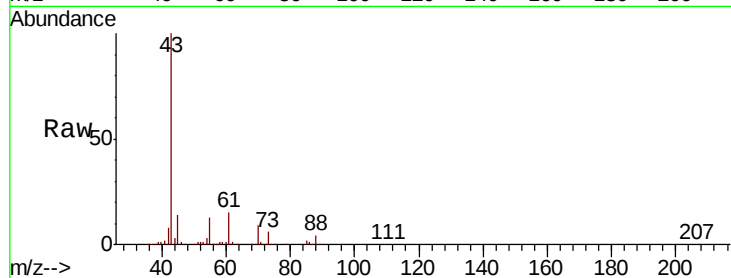




#37
Ethyl Acetate
Concen: 54.478 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

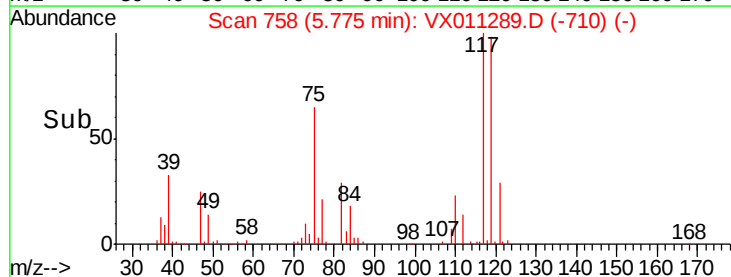
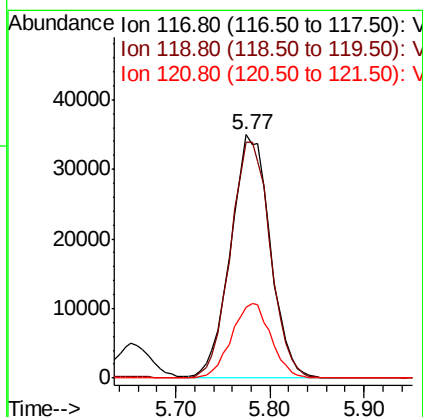
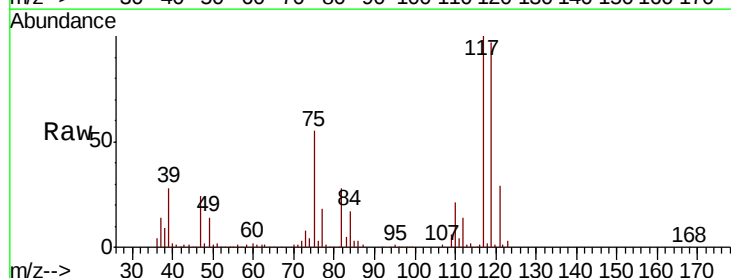
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

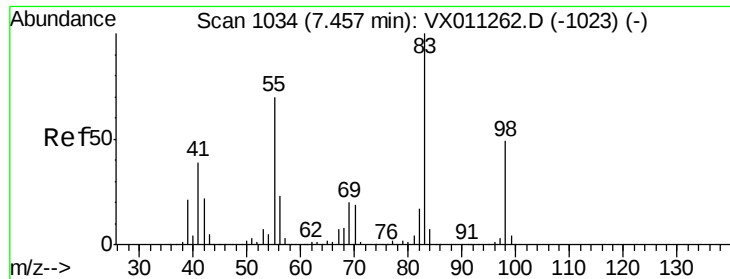
Tot Ion: 43 Resp: 103616
Ion Ratio Lower Upper
43 100
61 15.0 12.6 18.8
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.727 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 117 Resp: 102492
Ion Ratio Lower Upper
117 100
119 96.6 79.0 118.4
121 28.9 25.9 38.9

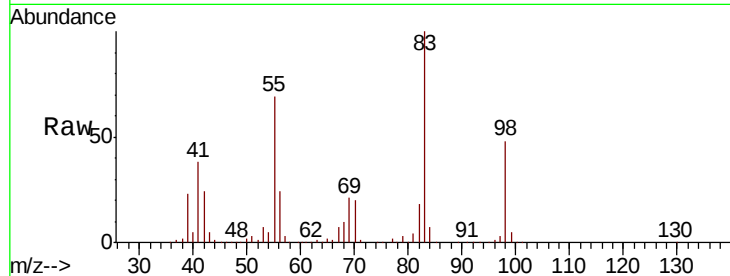




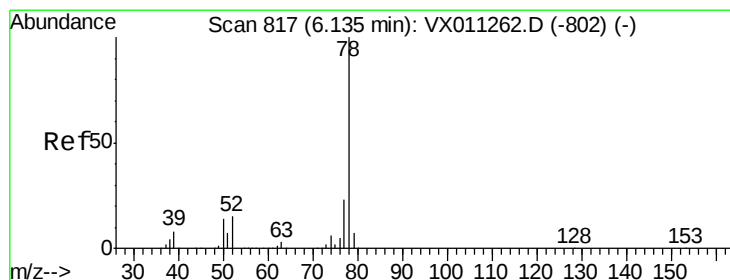
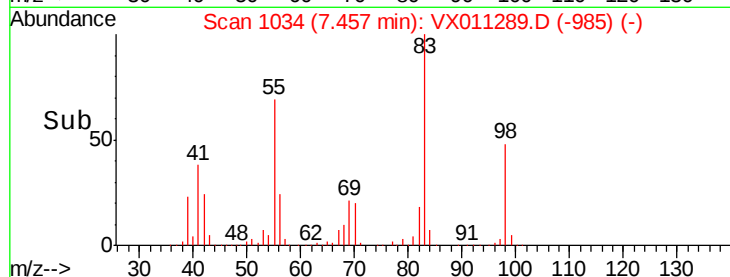
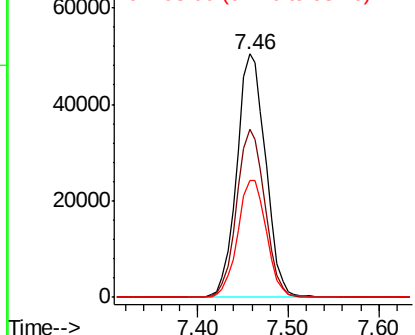
#39
Methvlcvclohexane
Concen: 49.522 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 111303
Ion Ratio Lower Upper
83 100
55 68.8 56.1 84.1
98 47.8 39.0 58.4

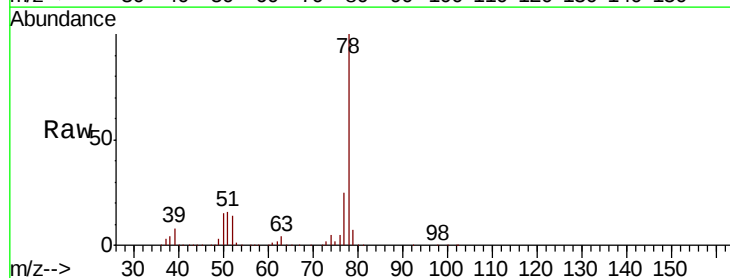


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

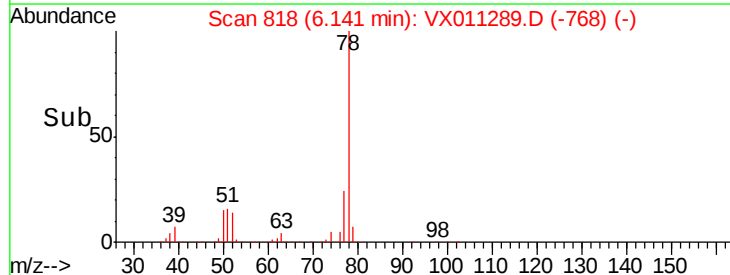
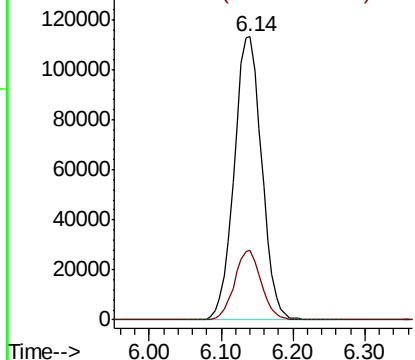


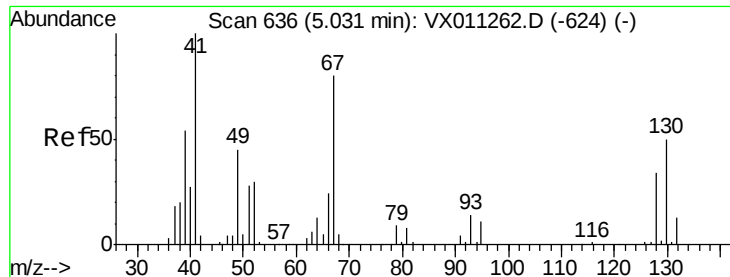
#40
Benzene
Concen: 53.125 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 78 Resp: 300595
Ion Ratio Lower Upper
78 100
77 24.8 18.2 27.2



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

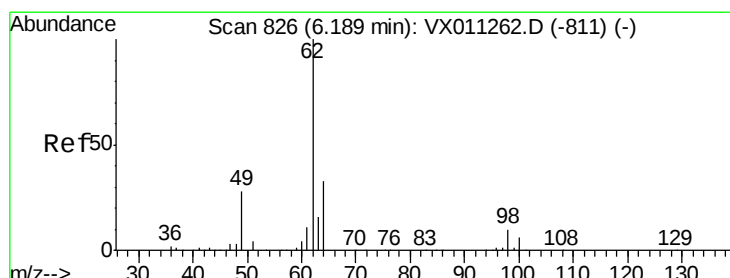
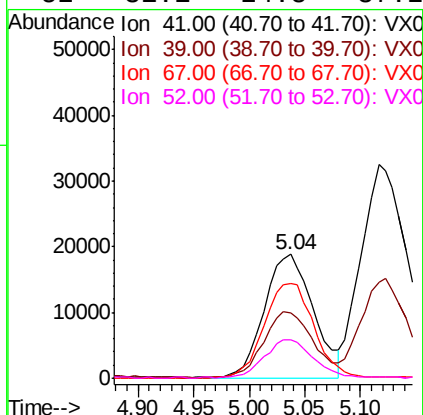
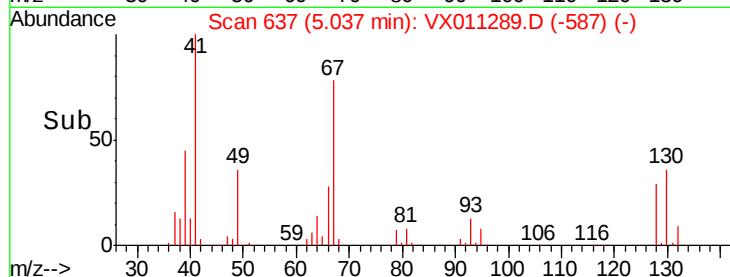
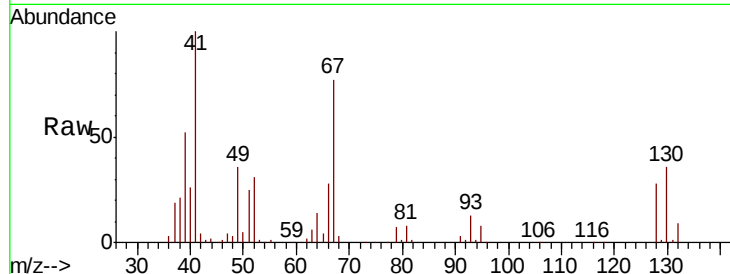




#41
Methacrylonitrile
Concen: 55.487 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

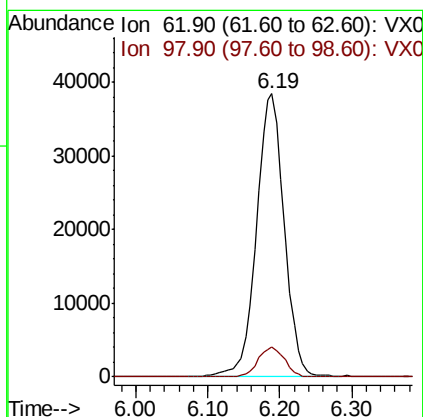
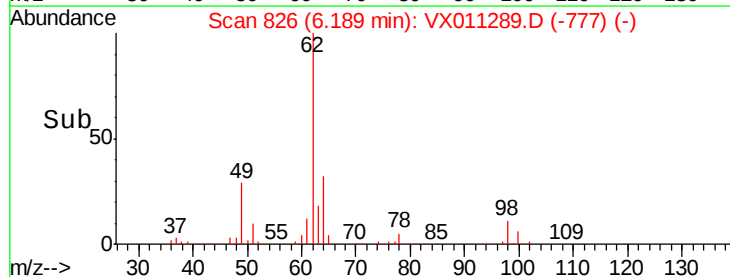
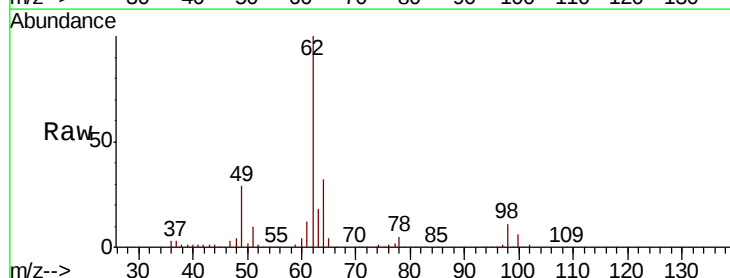
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

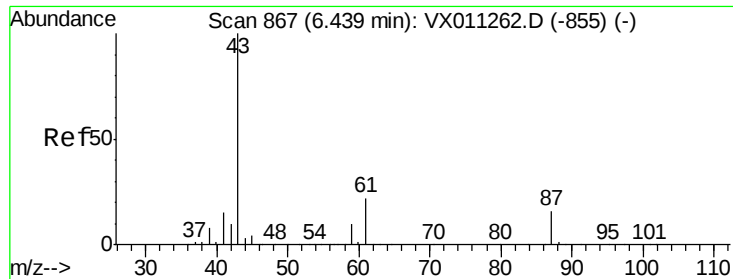
Tot Ion:	41	Resp:	57636
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.0	64.6
67	78.6	65.1	97.7
52	31.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.748 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:	62	Resp:	102838
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 54.078 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

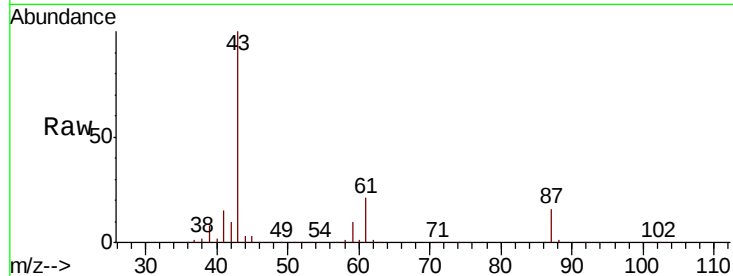
Tot Ion: 43 Resp: 164440

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

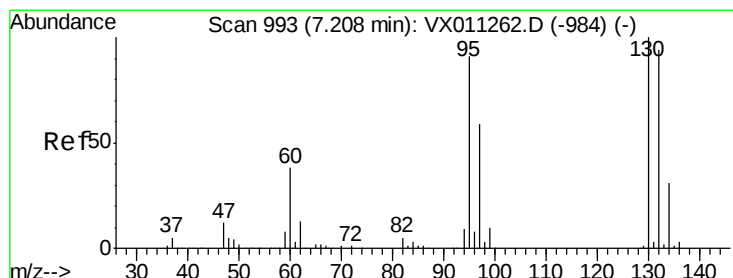
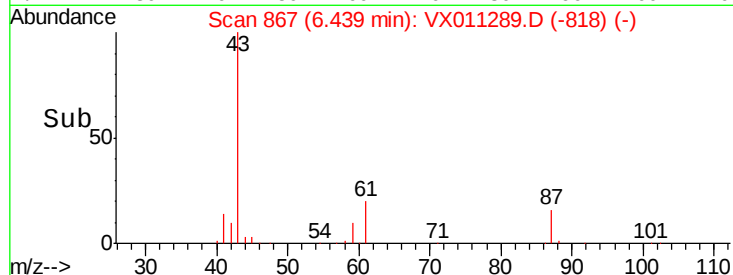
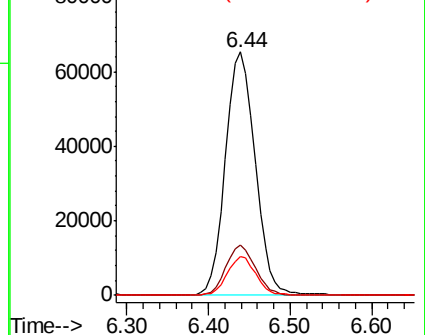
87 15.5 12.1 18.1



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: 51.668 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011289.D

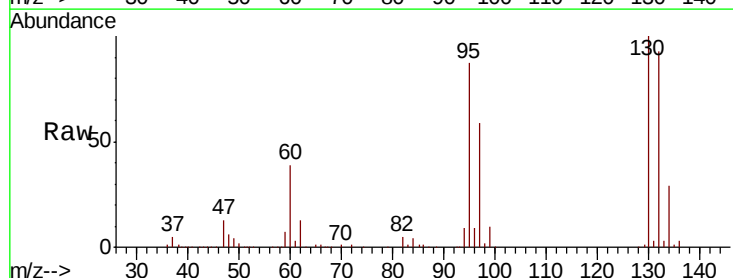
Acq: 02 Aug 2019 03:31

Tgt Ion:130 Resp: 88491

Ion Ratio Lower Upper

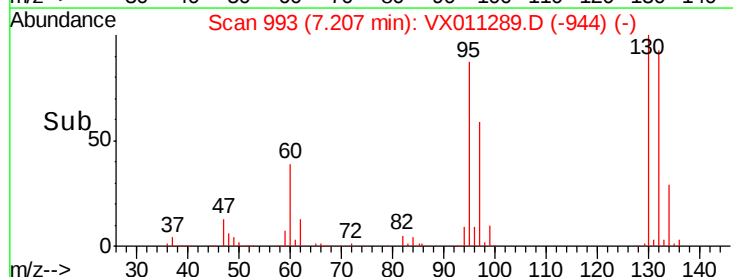
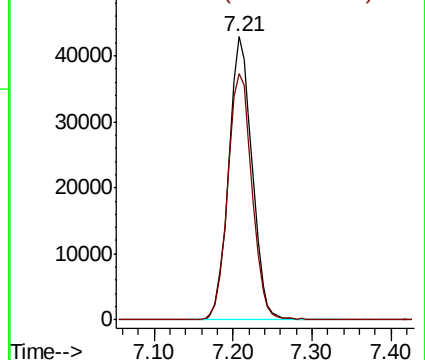
130 100

95 86.8 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.630 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

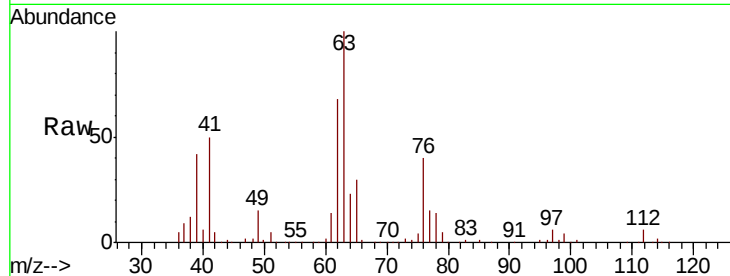
VSTDCCC050EC

Tot Ion: 63 Resp: 75658

Ion Ratio Lower Upper

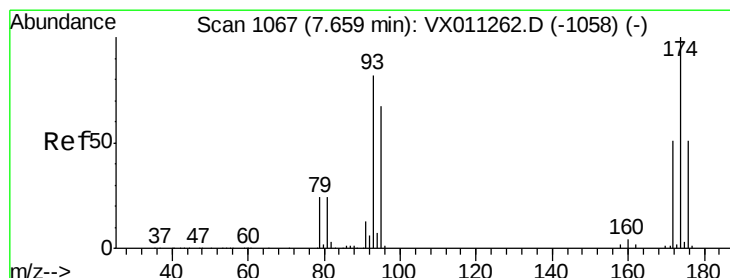
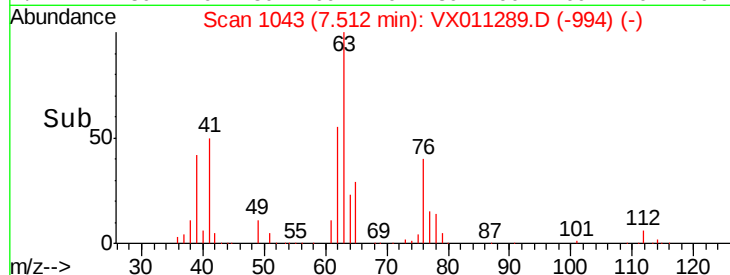
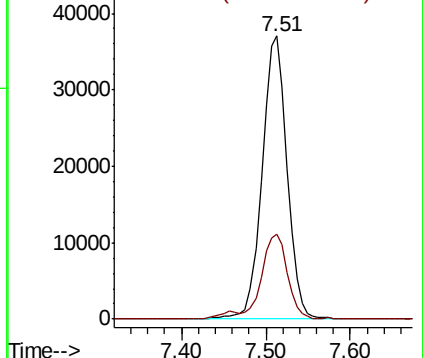
63 100

65 30.2 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.620 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

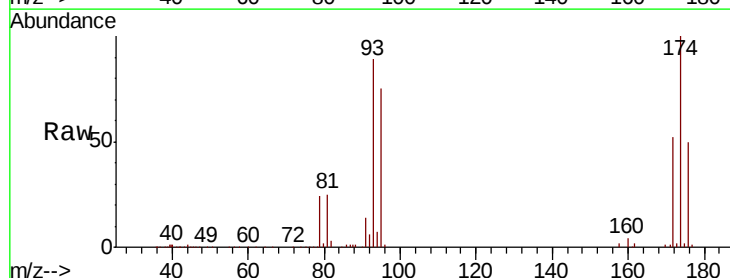
Tgt Ion: 93 Resp: 56290

Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

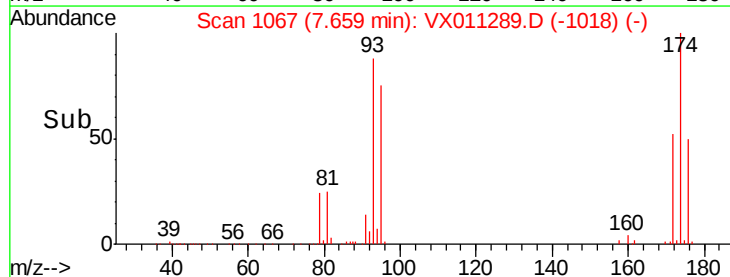
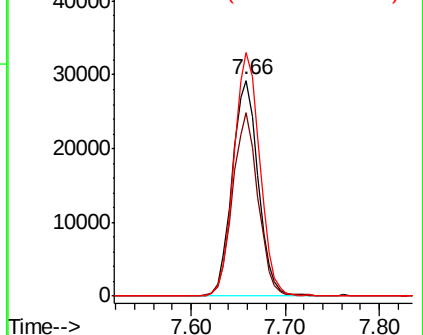
174 112.5 93.4 140.2

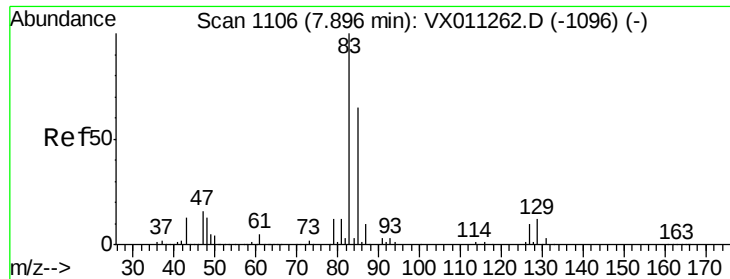


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.628 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

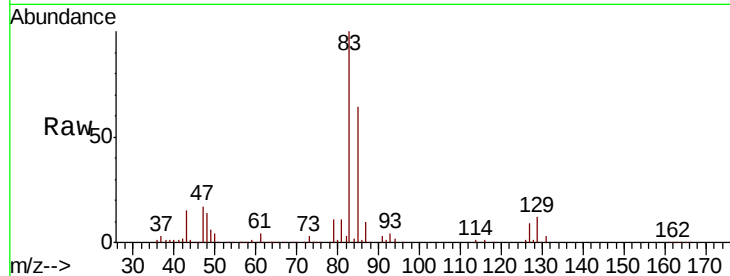
Tot Ion: 83 Resp: 100752

Ion Ratio Lower Upper

83 100

85 64.2 52.2 78.2

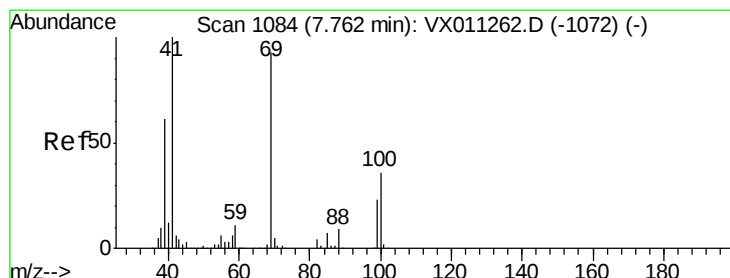
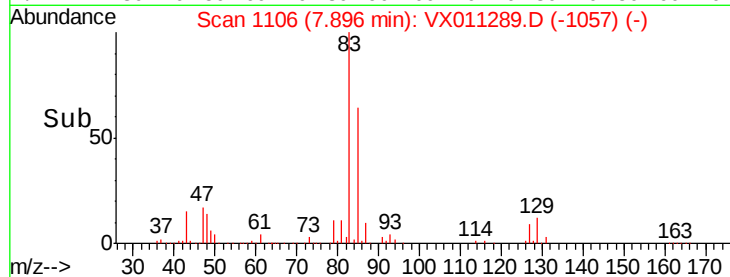
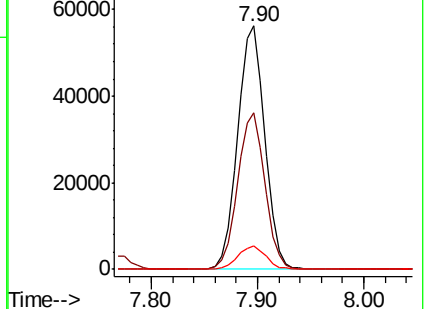
127 9.4 7.8 11.8



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: 56.838 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

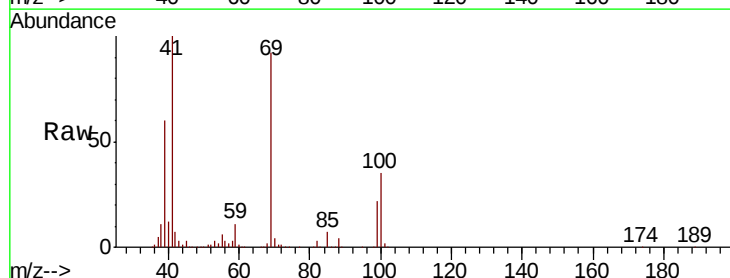
Tgt Ion: 41 Resp: 81338

Ion Ratio Lower Upper

41 100

69 90.9 74.5 111.7

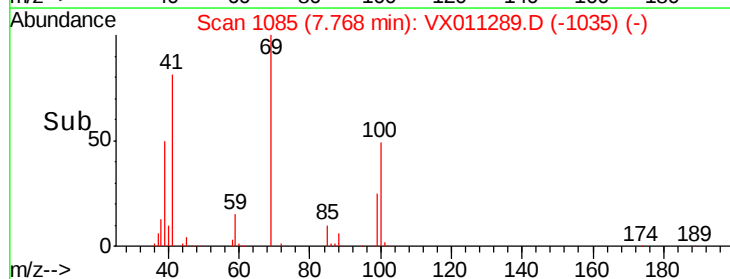
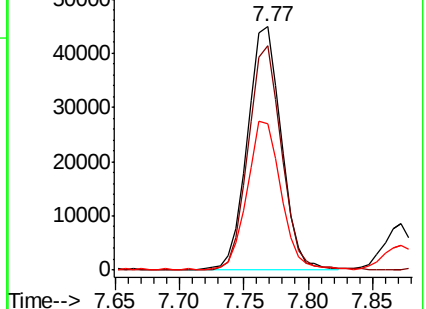
39 60.7 48.6 72.8

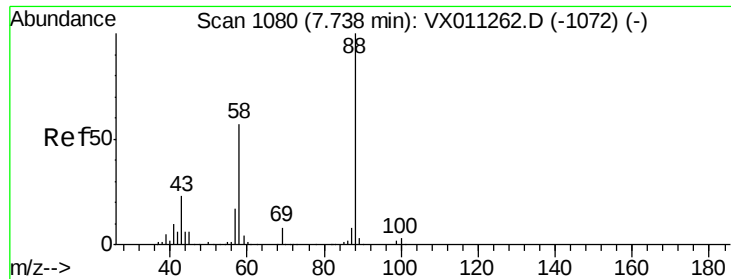


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

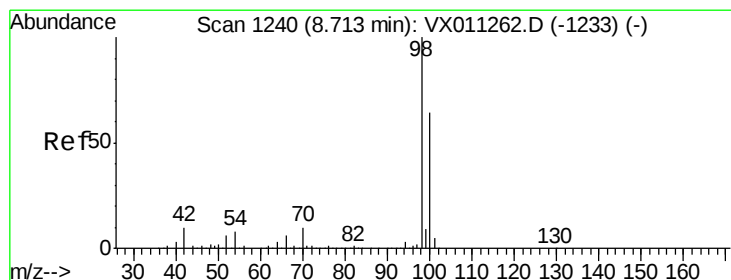
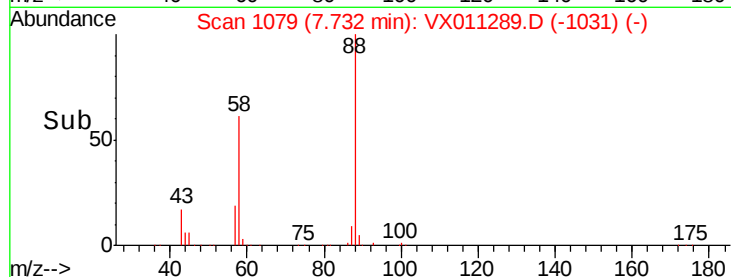
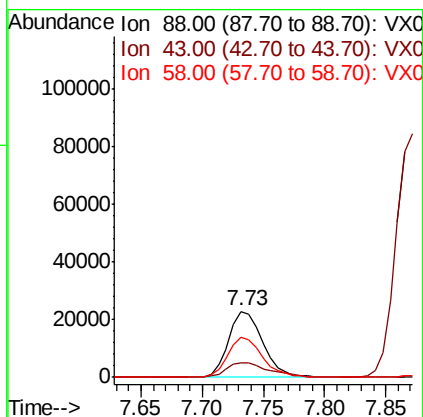
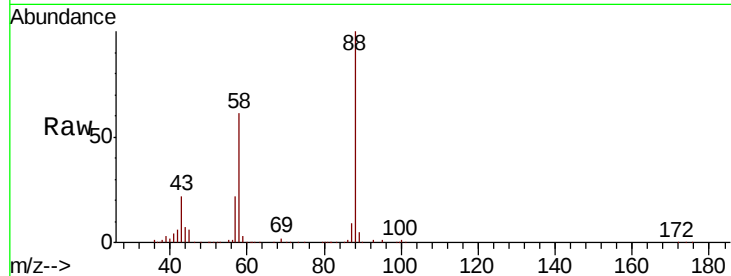




#49
 1,4-Dioxane
 Concen: 1072.979 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

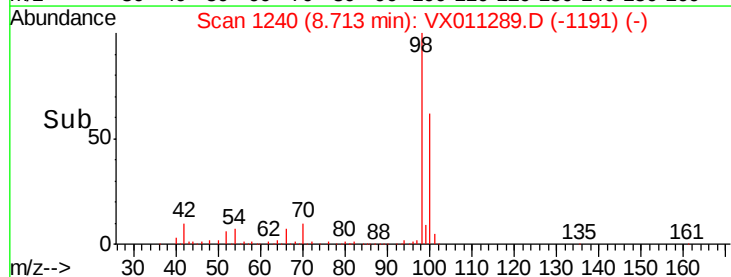
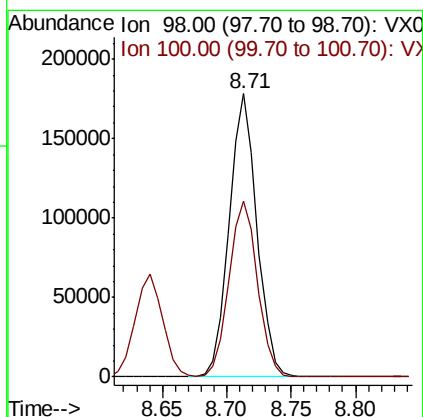
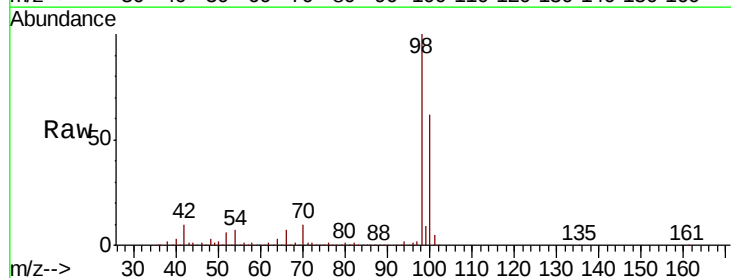
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 44515
 Ion Ratio Lower Upper
 88 100
 43 27.0 22.2 33.2
 58 62.3 47.8 71.8



#50
 Toluene-d8
 Concen: 50.216 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 98 Resp: 268759
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 285.698 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

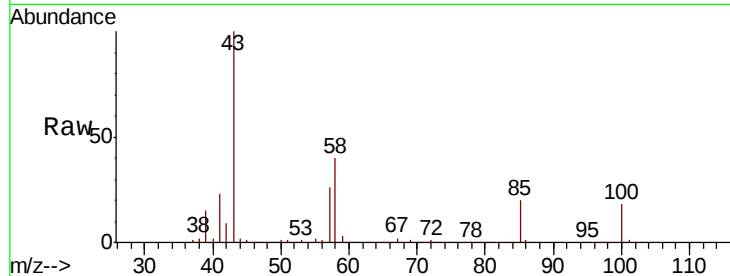
VSTDCCC050EC

Tot Ion: 43 Resp: 560661

Ion Ratio Lower Upper

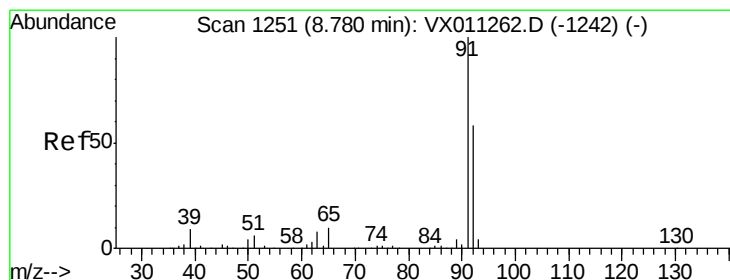
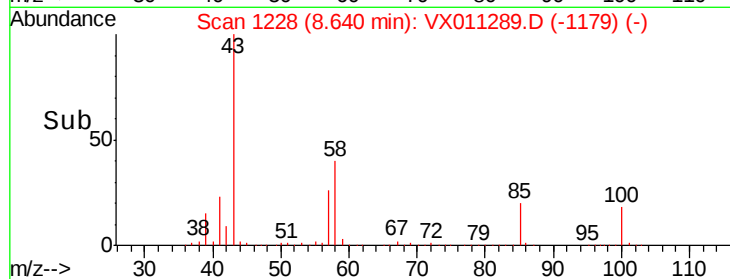
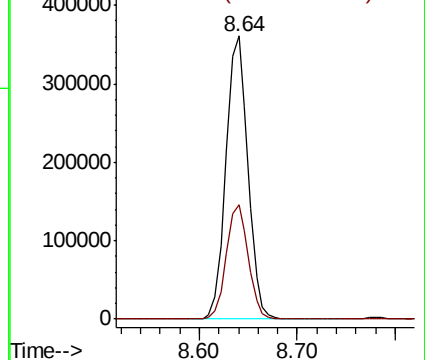
43 100

58 40.4 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.369 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011289.D

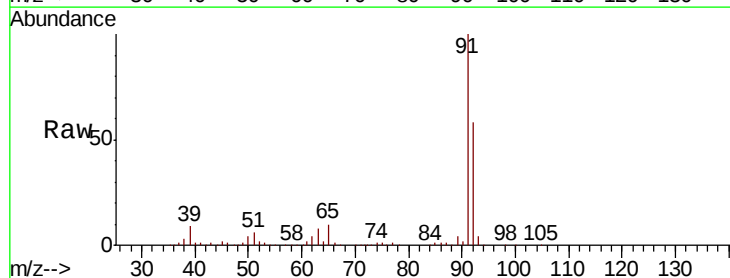
Acq: 02 Aug 2019 03:31

Tgt Ion: 92 Resp: 199657

Ion Ratio Lower Upper

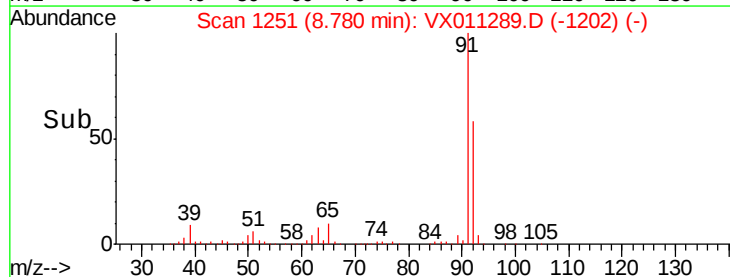
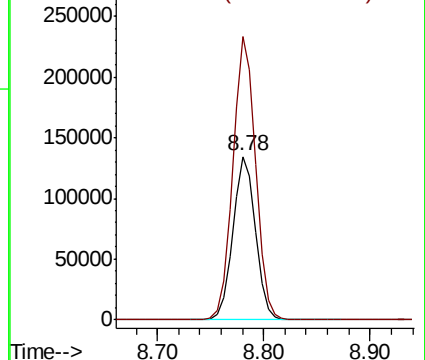
92 100

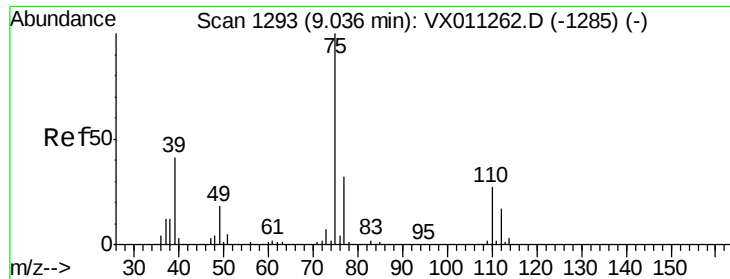
91 174.9 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.208 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

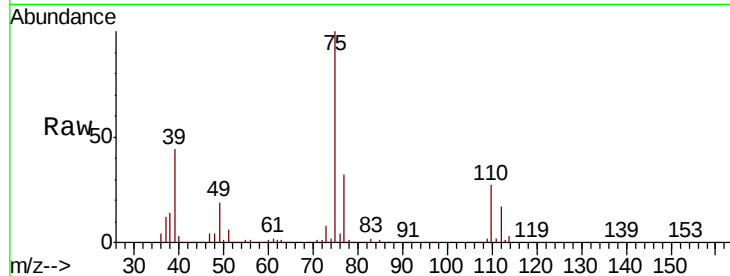
VSTDCCC050EC

Tot Ion: 75 Resp: 101457

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

80000

60000

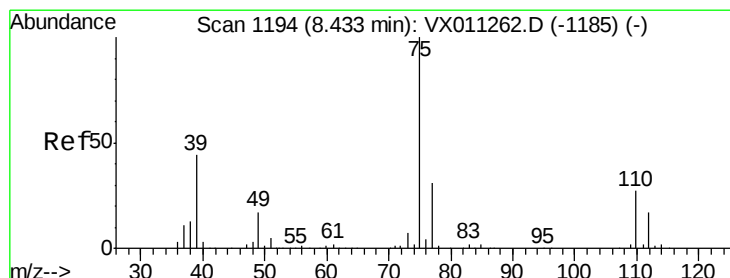
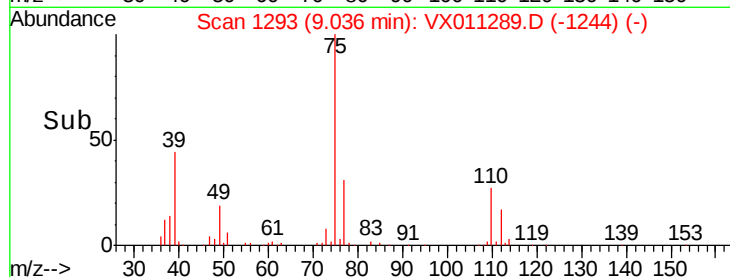
40000

20000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.993 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

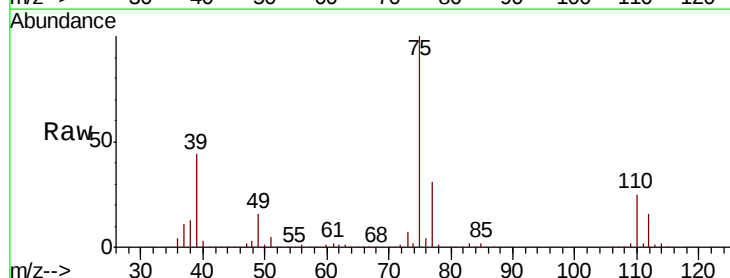
Tgt Ion: 75 Resp: 114232

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 44.2 35.3 52.9



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

100000

80000

60000

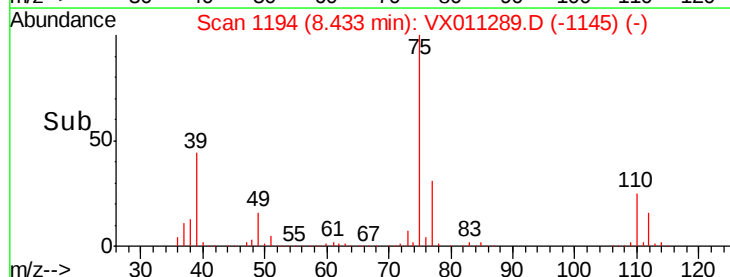
40000

20000

0

8.35 8.40 8.45 8.50 8.55

Time-->





#55

1,1,2-Trichloroethane

Concen: 54.305 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 83530

Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.6	101.4
85	54.7	43.4	65.0
99	62.0	49.6	74.4

Abundance

Ion 96.90 (96.60 to 97.60): VX0

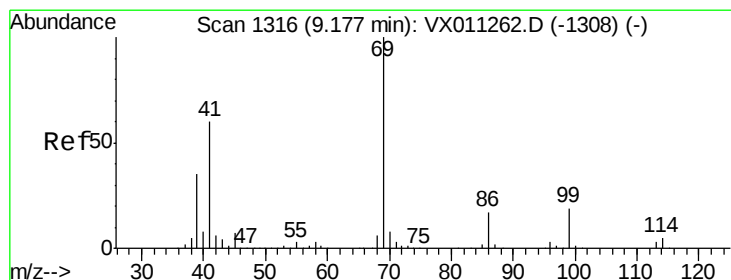
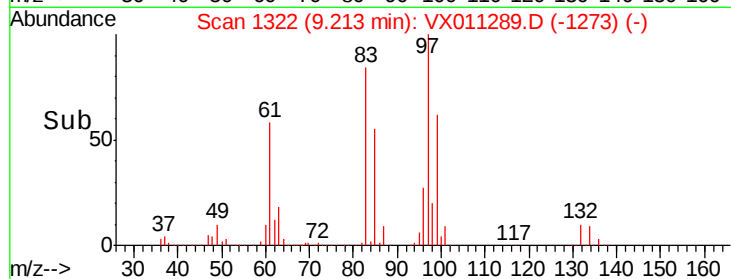
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.21

Time-->



#56

Ethyl methacrylate

Concen: 57.042 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Tgt Ion: 69 Resp: 125034

Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.6	73.0
39	36.8	29.4	44.2

Abundance

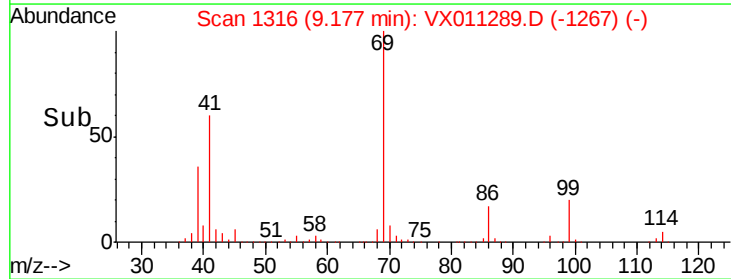
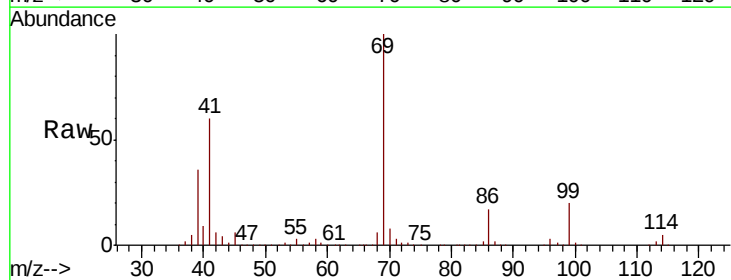
Ion 69.00 (68.70 to 69.70): VX0

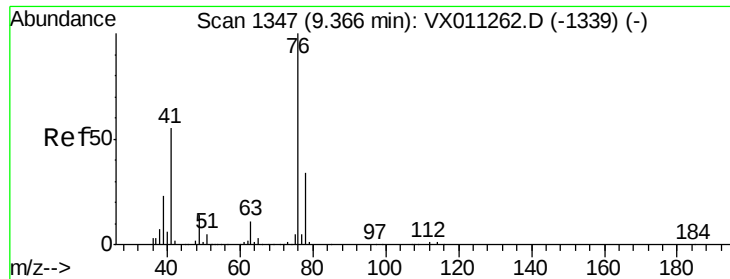
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.18

Time-->

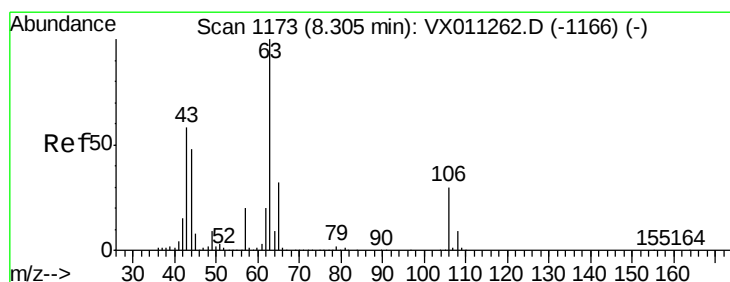
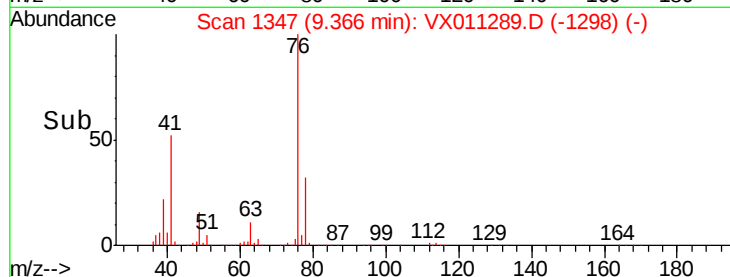
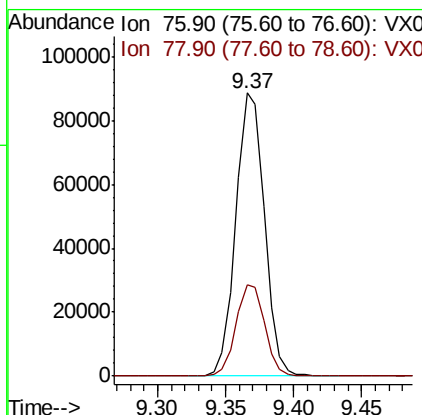
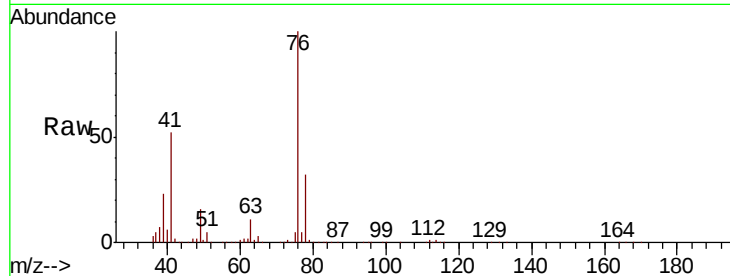




#57
 1,3-Dichloropropane
 Concen: 53.305 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

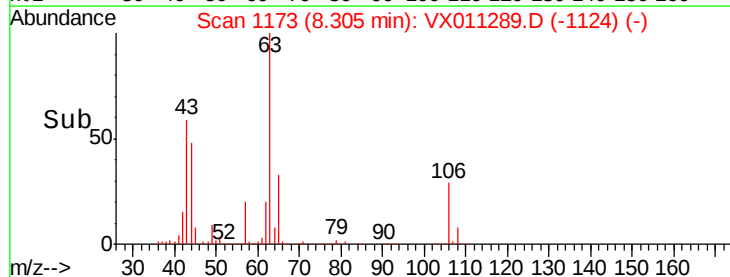
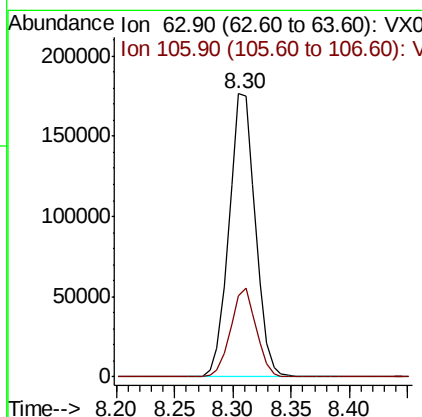
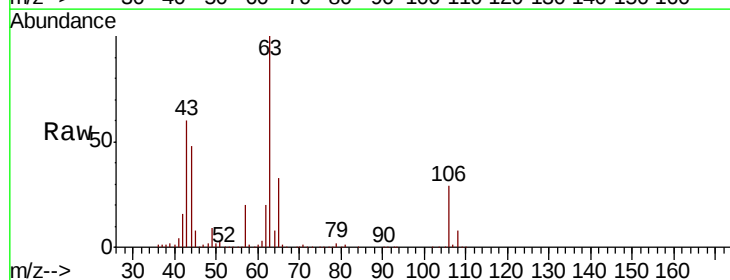
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

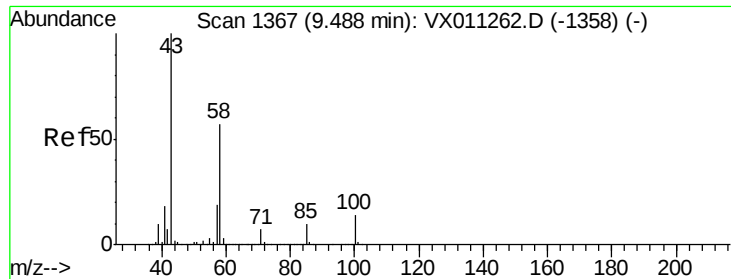
Tot Ion: 76 Resp: 129669
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.672 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 63 Resp: 277710
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6

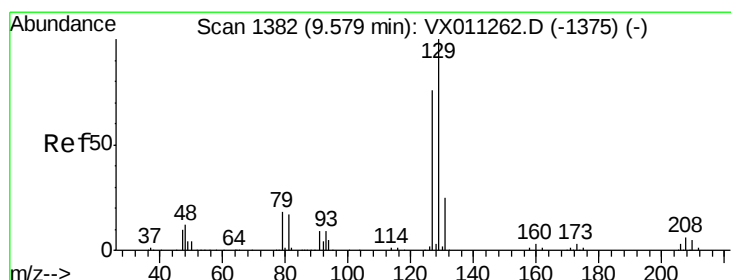
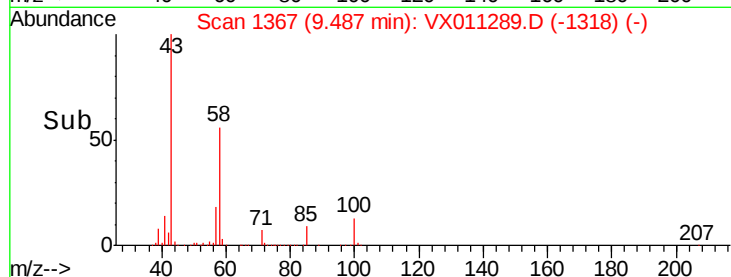
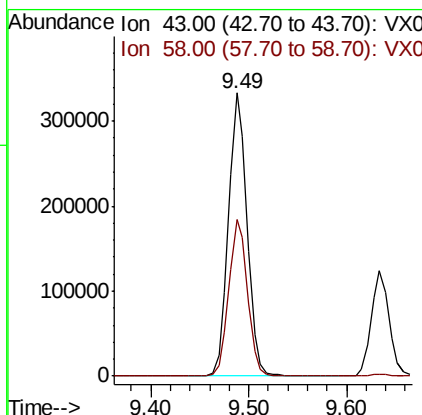
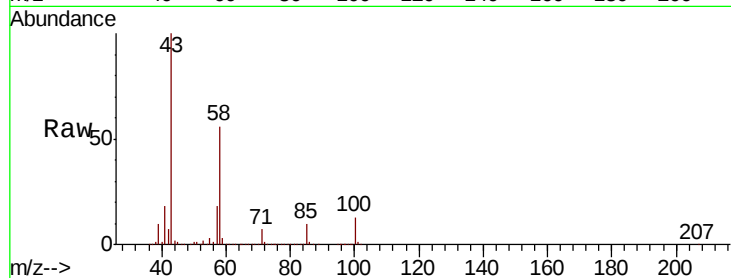




#59
2-Hexanone
Concen: 288.835 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

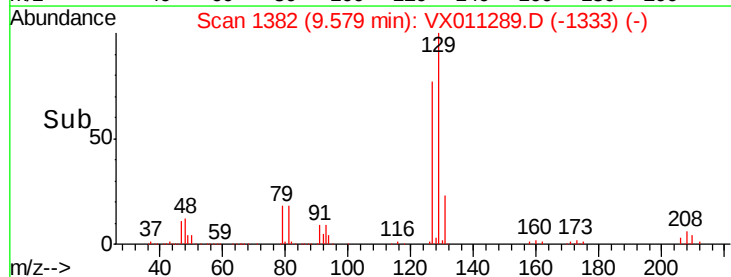
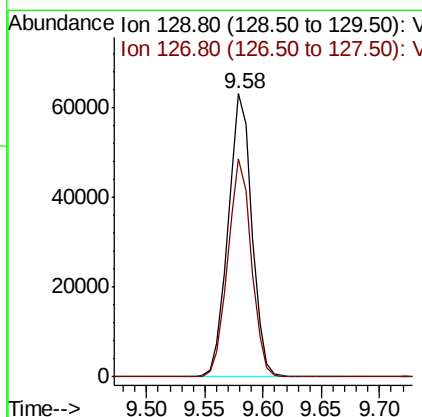
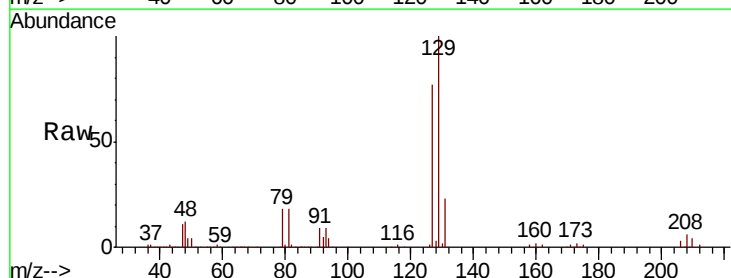
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

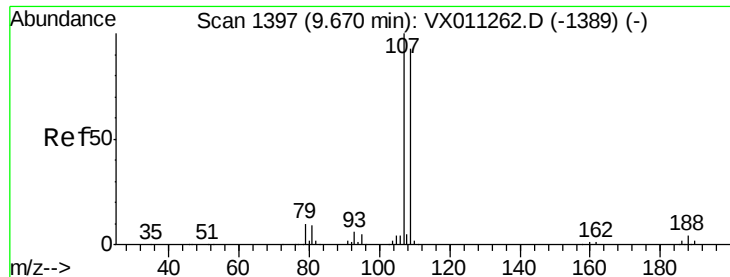
Tot Ion: 43 Resp: 439036
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 56.741 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 129 Resp: 89355
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.335 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

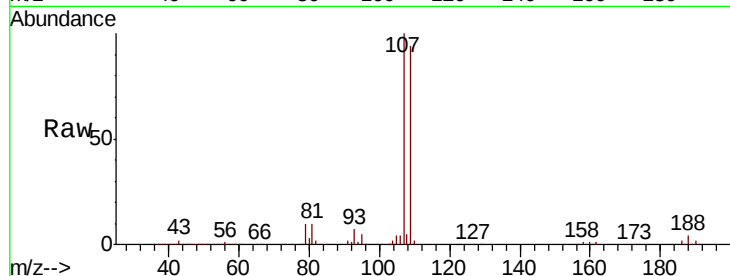
VSTDCCC050EC

Tot Ion:107 Resp: 90295

Ion Ratio Lower Upper

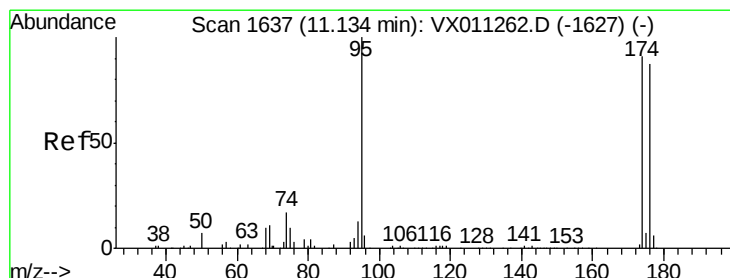
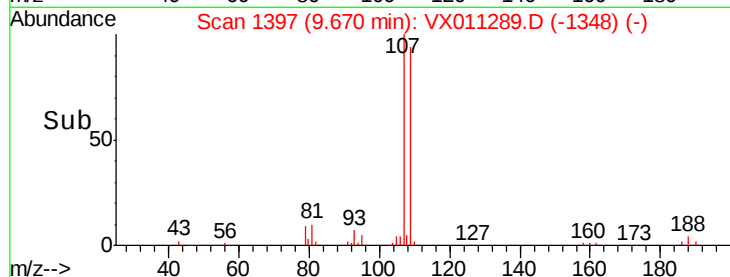
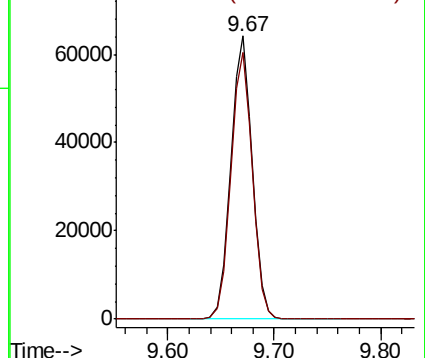
107 100

109 94.8 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.534 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

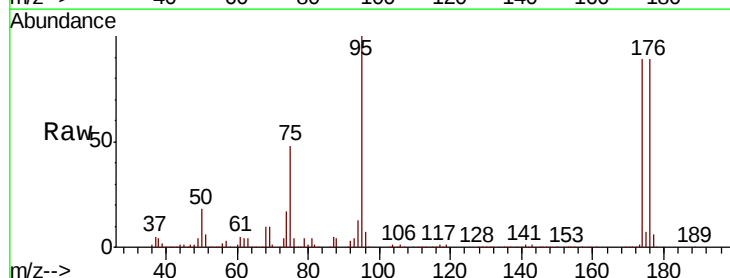
Tgt Ion: 95 Resp: 98473

Ion Ratio Lower Upper

95 100

174 92.6 0.0 191.2

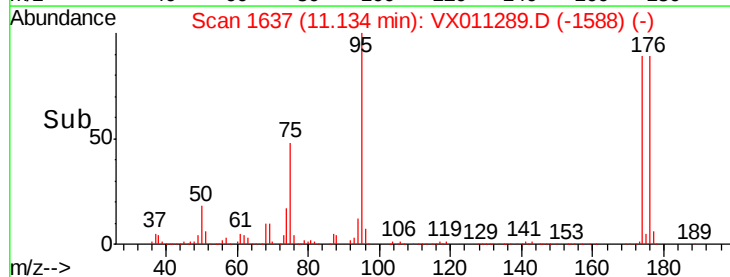
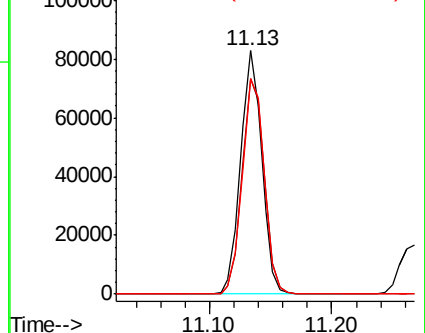
176 91.7 0.0 184.8

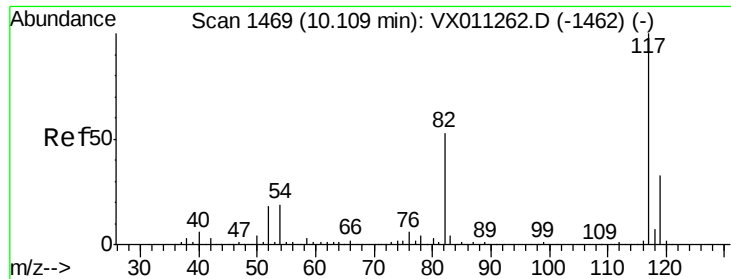


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

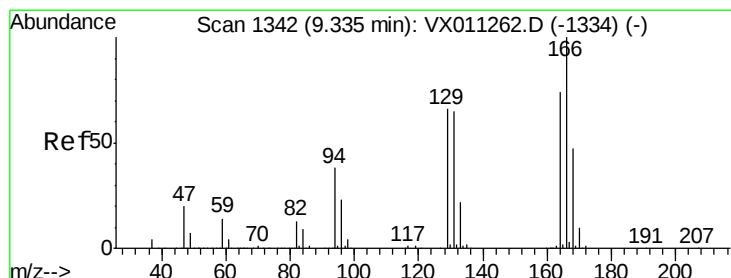
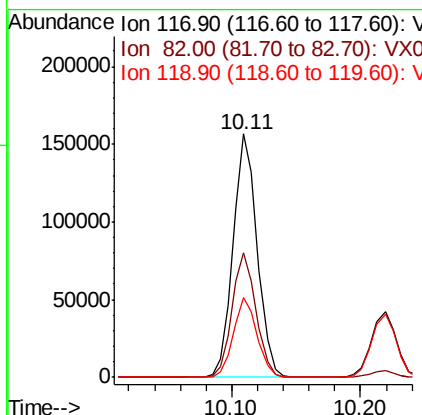
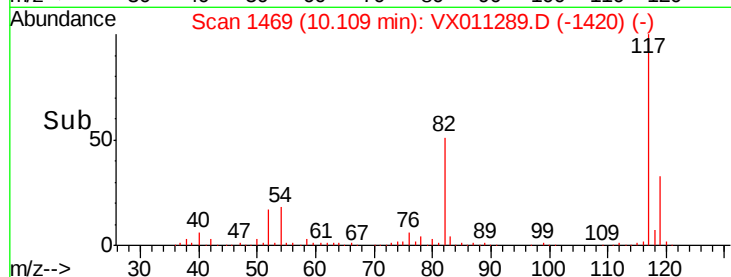
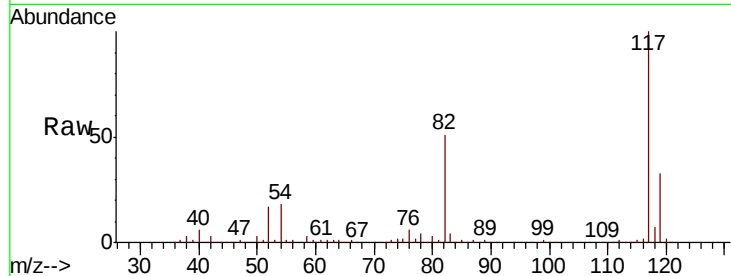




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

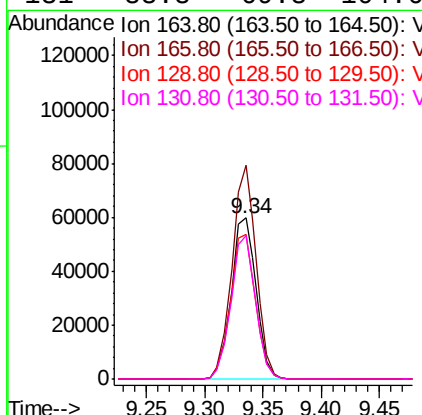
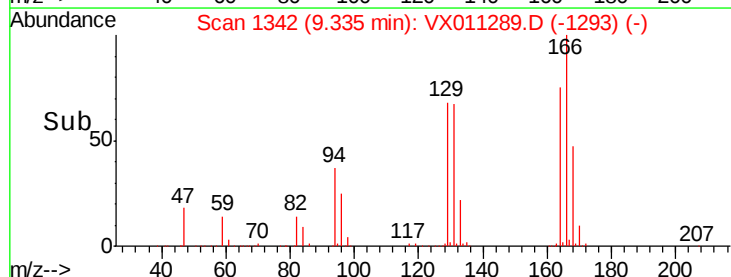
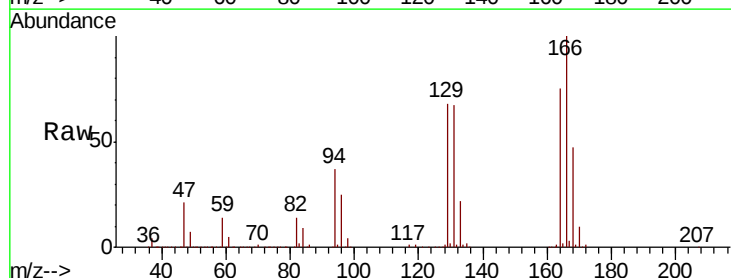
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 204381
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 51.328 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:164 Resp: 89089
Ion Ratio Lower Upper
164 100
166 132.6 107.5 161.3
129 90.2 71.0 106.4
131 88.8 69.8 104.6

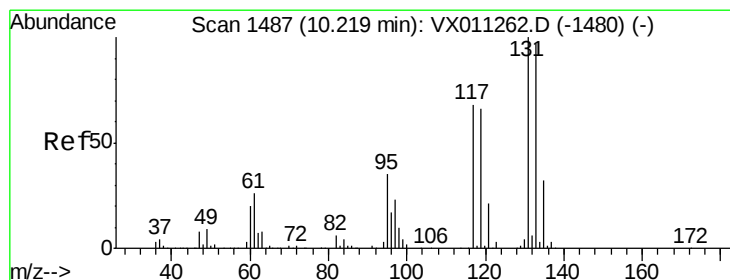
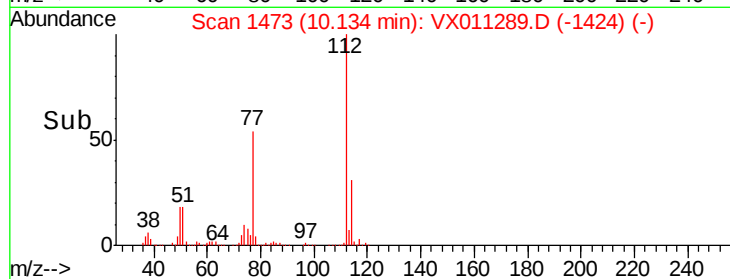
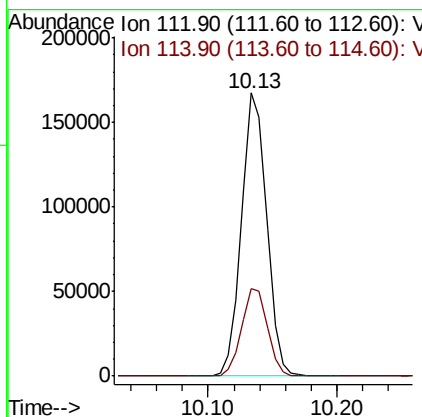
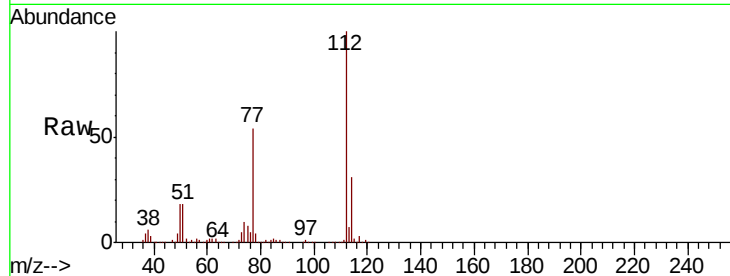




#65
Chlorobenzene
Concen: 51.546 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

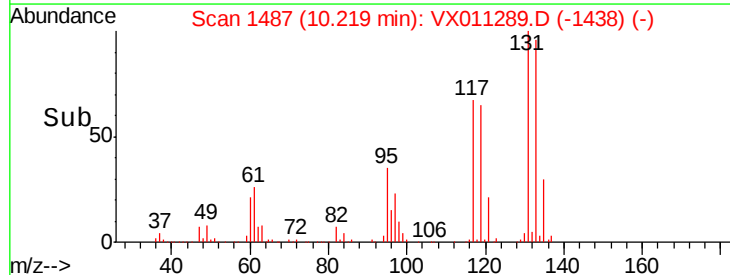
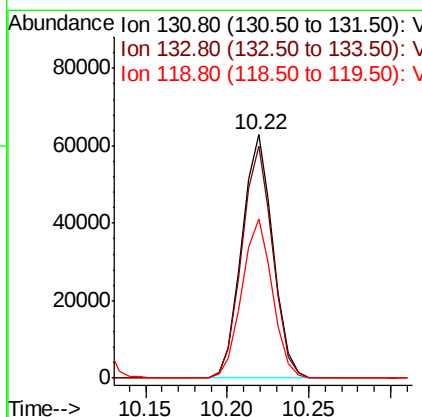
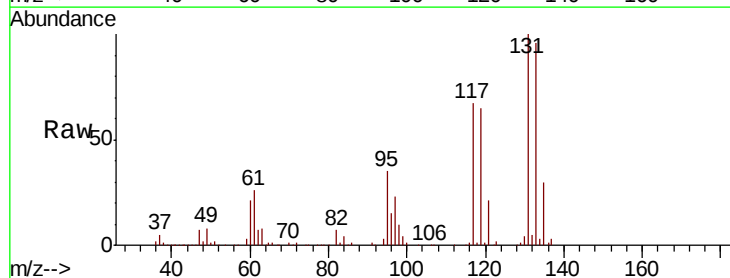
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

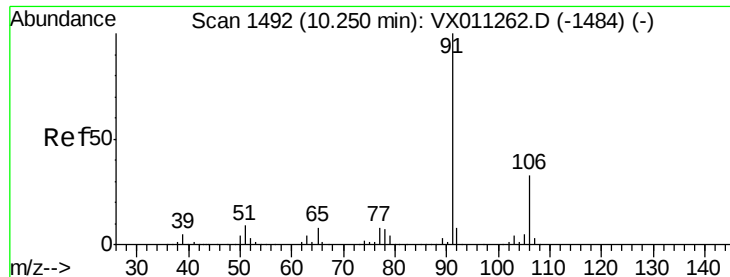
Tot Ion:112 Resp: 225887
Ion Ratio Lower Upper
112 100
114 31.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.438 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:131 Resp: 83172
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 64.5 32.8 98.3

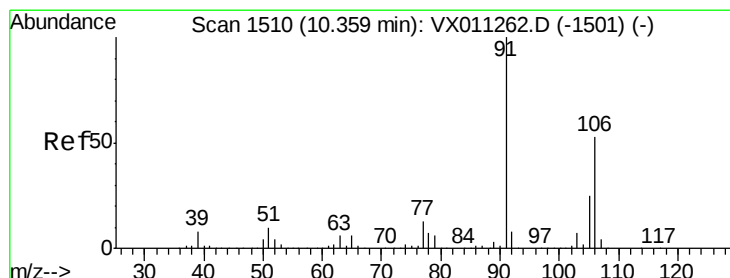
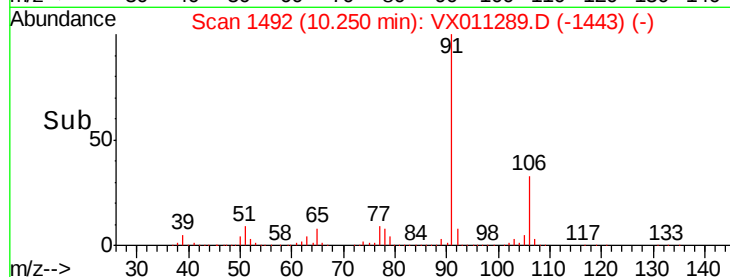
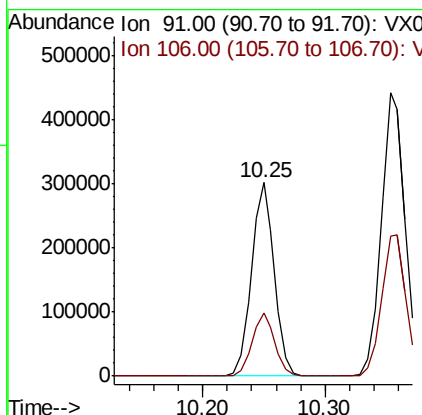
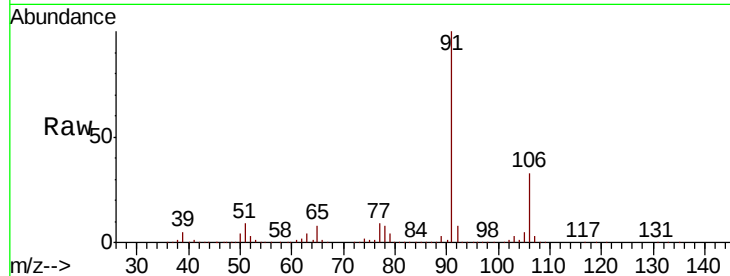




#67
Ethyl Benzene
Concen: 53.202 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

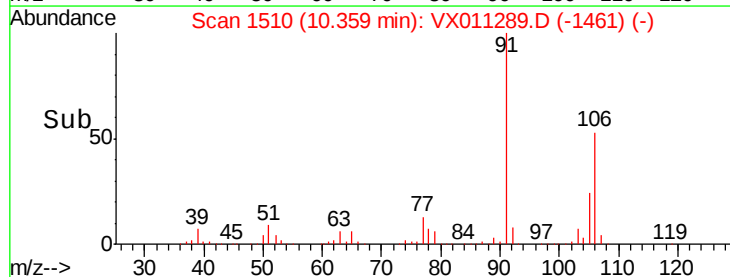
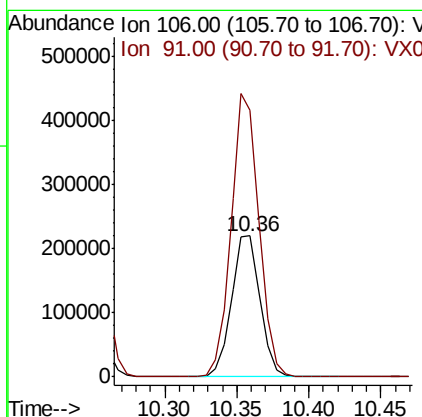
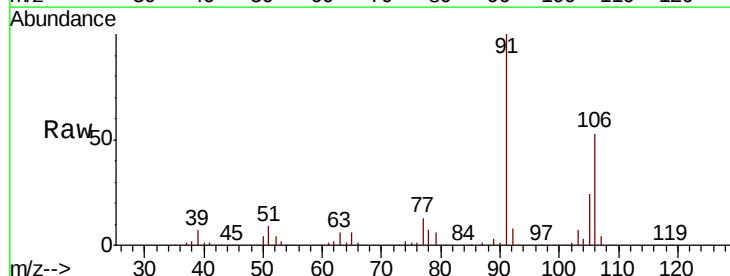
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

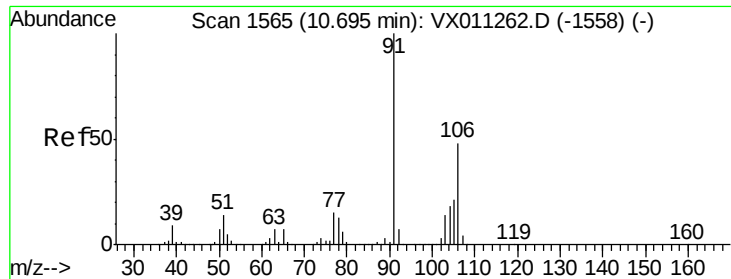
Tot Ion: 91 Resp: 390453
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4



#68
m/p-Xylenes
Concen: 107.661 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 106 Resp: 305622
Ion Ratio Lower Upper
106 100
91 195.5 155.9 233.9

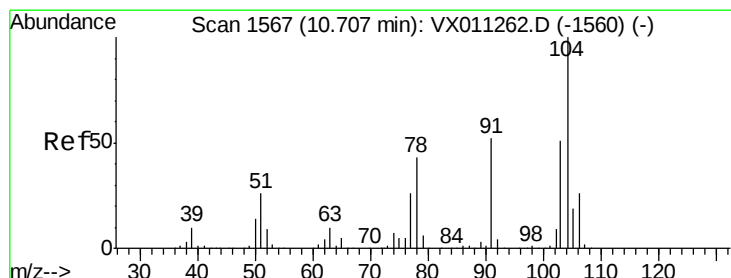
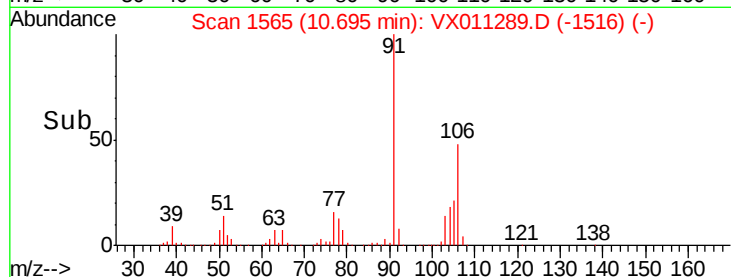
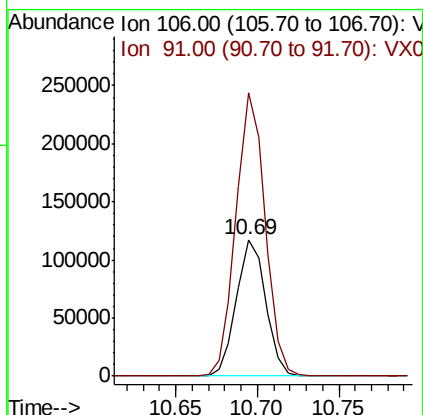
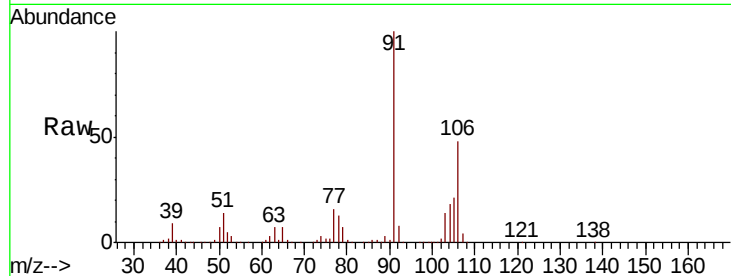




#69
o-Xylene
Concen: 53.001 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

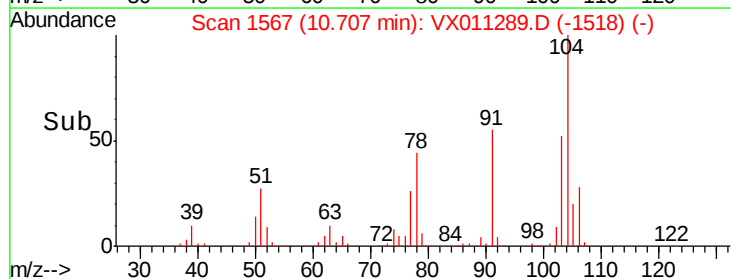
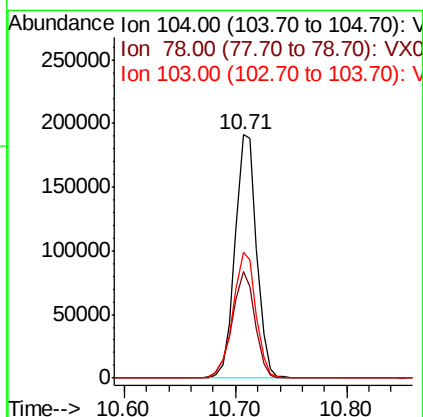
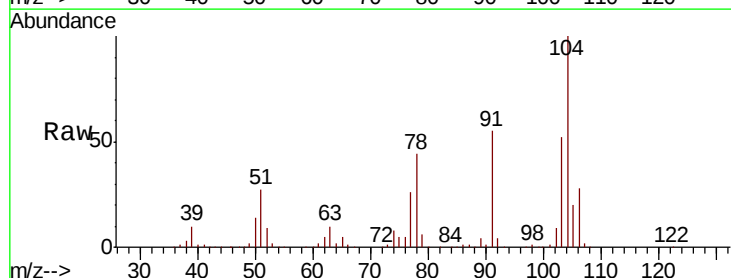
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

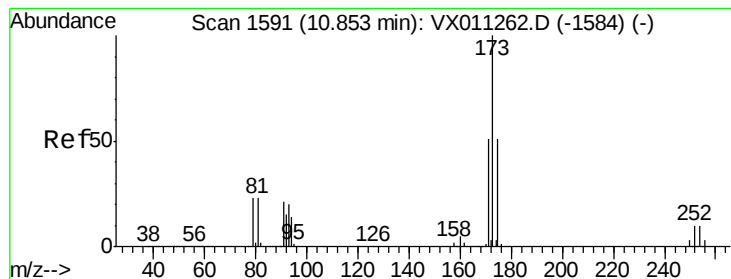
Tot Ion:106 Resp: 147829
Ion Ratio Lower Upper
106 100
91 206.9 103.8 311.3



#70
Styrene
Concen: 55.479 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:104 Resp: 256038
Ion Ratio Lower Upper
104 100
78 46.5 36.9 55.3
103 55.2 44.4 66.6





#71

Bromoform

Concen: 50.630 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

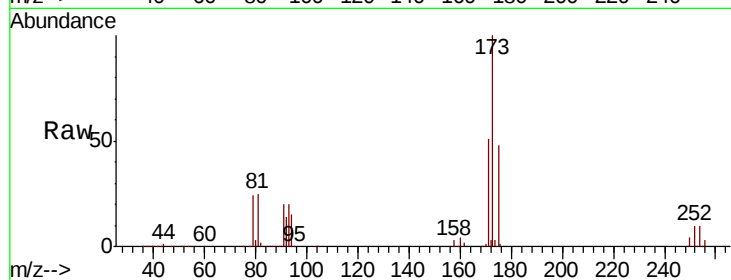
Tot Ion:173 Resp: 67967

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

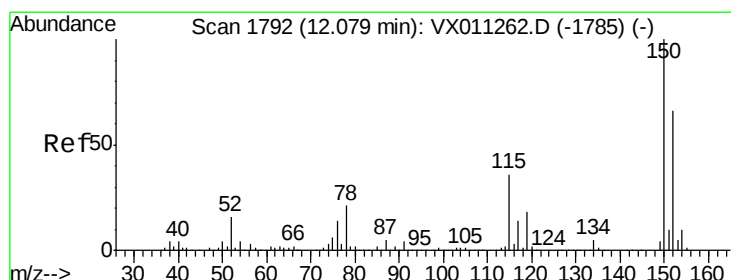
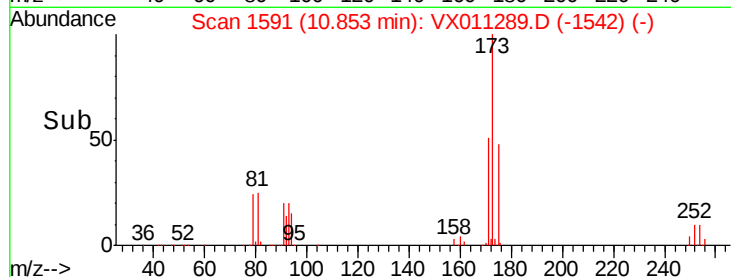
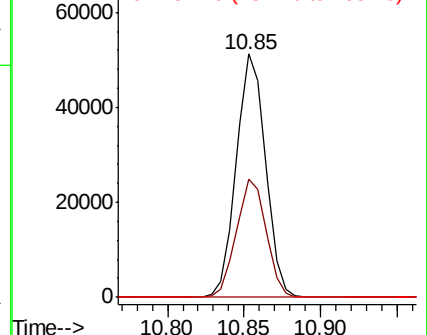
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

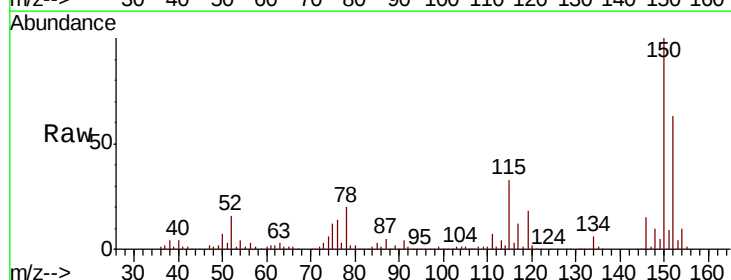
Tgt Ion:152 Resp: 110527

Ion Ratio Lower Upper

152 100

115 80.9 40.0 119.9

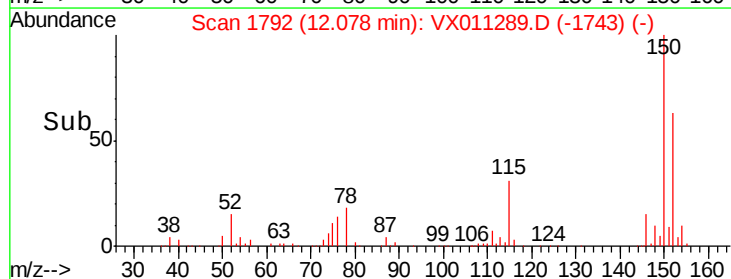
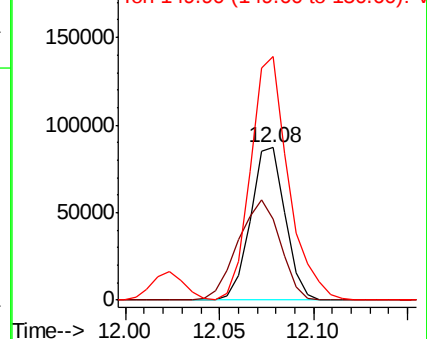
150 174.7 0.0 350.4

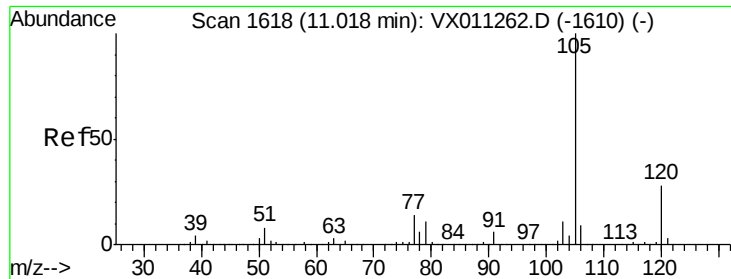


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.827 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

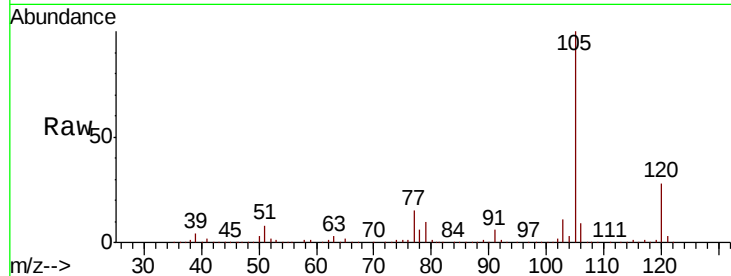
VSTDCCC050EC

Tot Ion:105 Resp: 399333

Ion Ratio Lower Upper

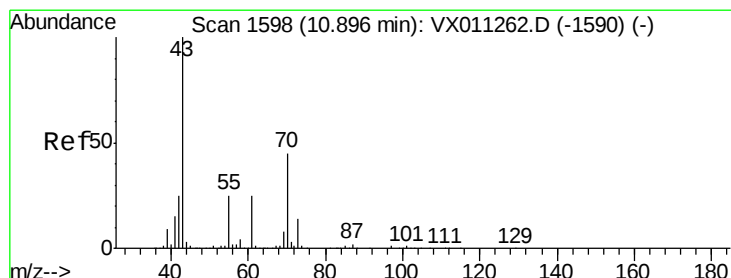
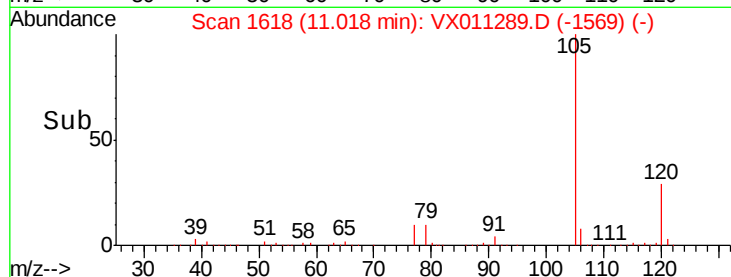
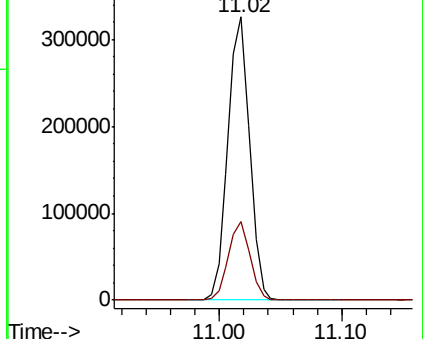
105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.017 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Tgt Ion: 43 Resp: 155735

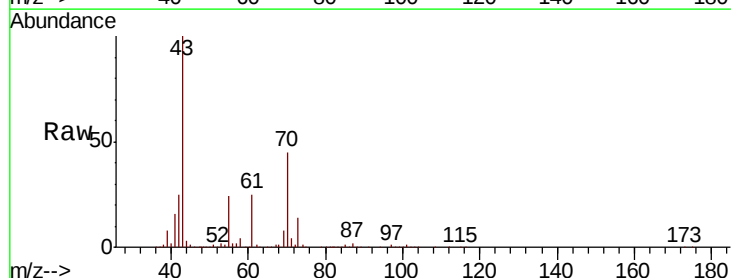
Ion Ratio Lower Upper

43 100

70 44.0 35.9 53.9

55 24.0 19.8 29.6

61 24.5 19.7 29.5

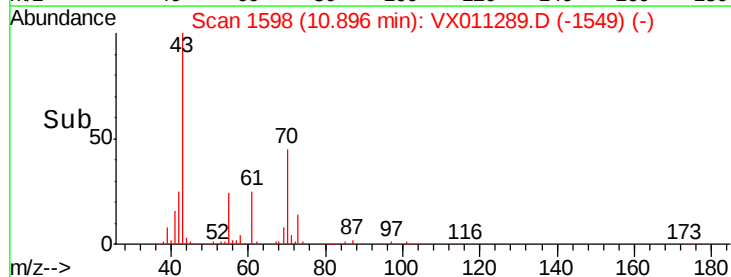
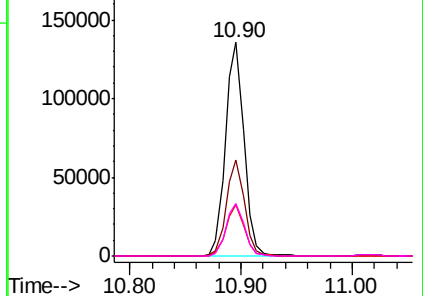


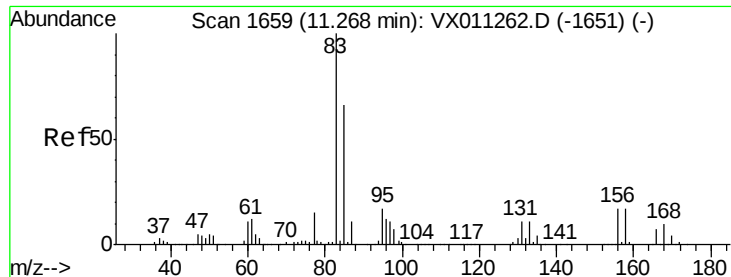
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.814 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

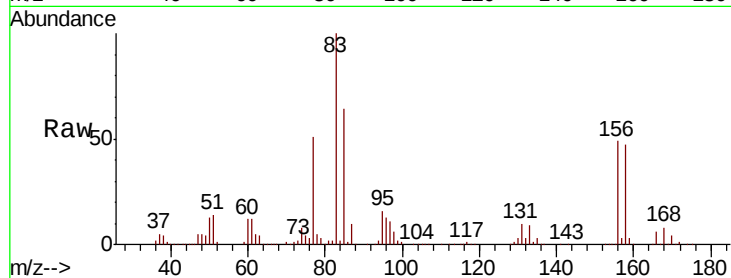
Tot Ion: 83 Resp: 133044

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

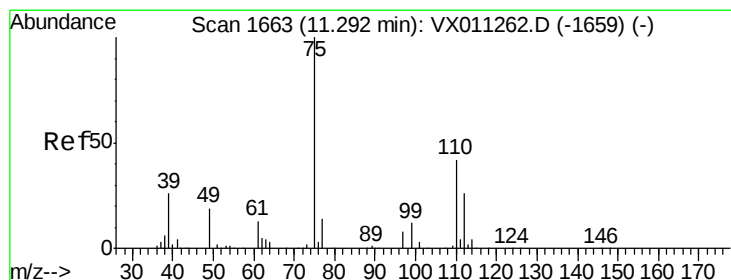
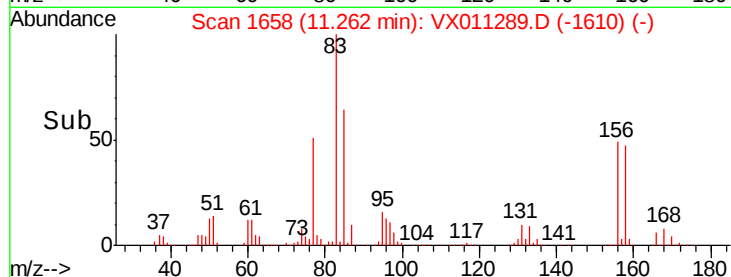
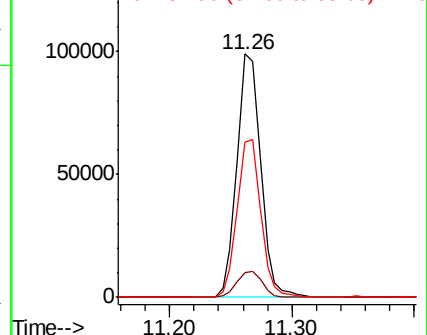
85 64.5 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.988 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011289.D

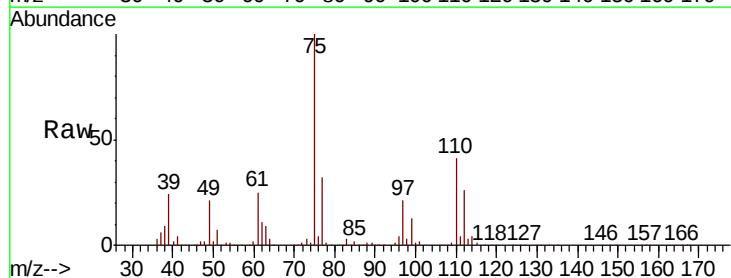
Acq: 02 Aug 2019 03:31

Tgt Ion: 75 Resp: 140873

Ion Ratio Lower Upper

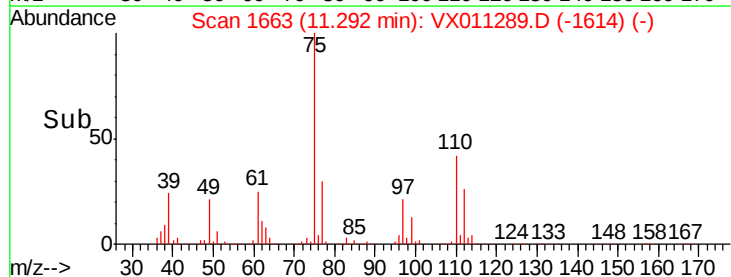
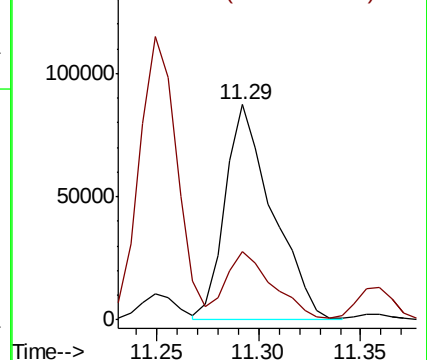
75 100

77 31.5 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.007 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

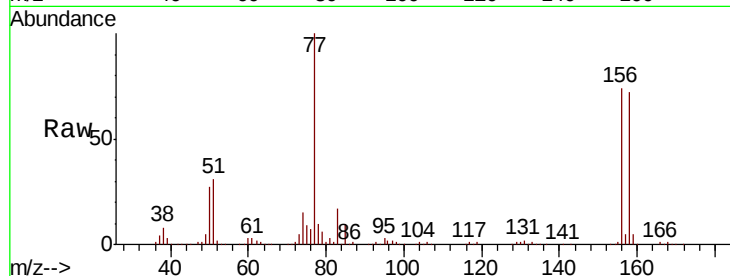
Tot Ion:156 Resp: 111110

Ion Ratio Lower Upper

156 100

77 132.4 66.2 198.6

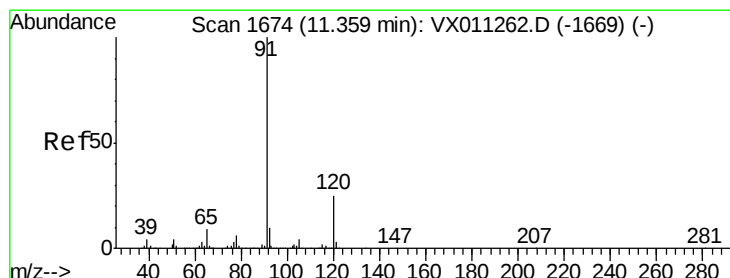
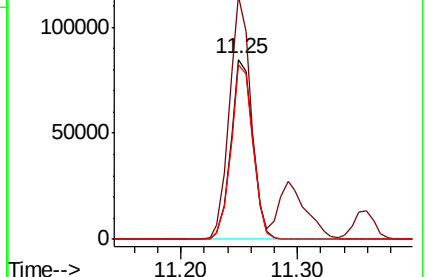
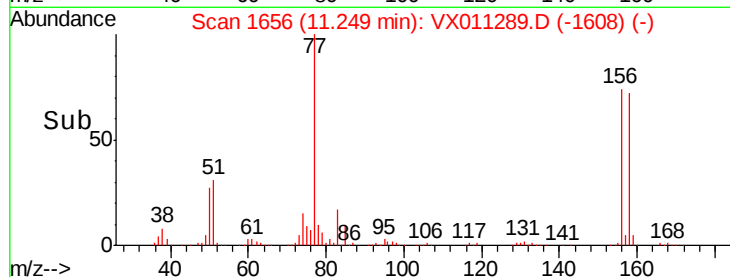
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.259 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011289.D

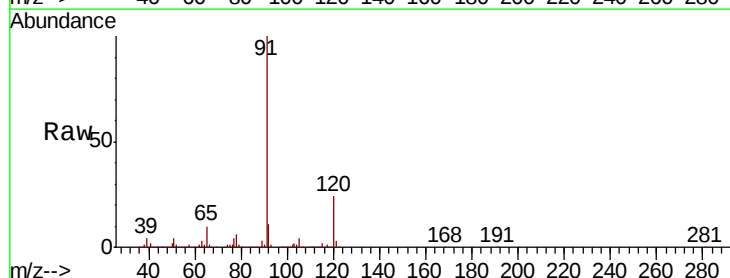
Acq: 02 Aug 2019 03:31

Tgt Ion: 91 Resp: 447713

Ion Ratio Lower Upper

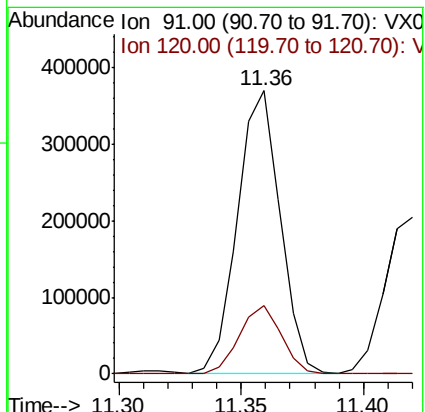
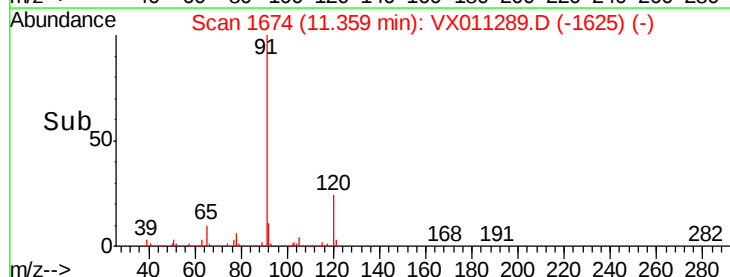
91 100

120 24.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.341 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

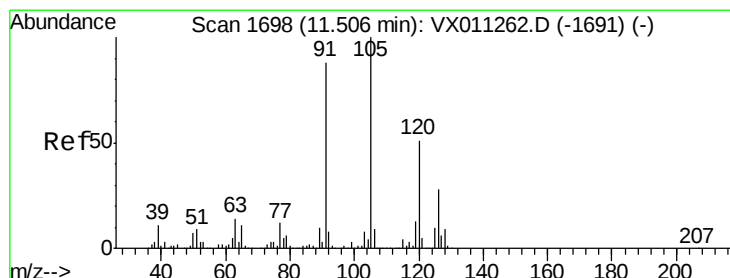
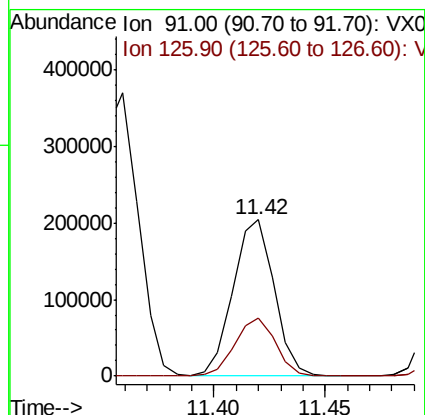
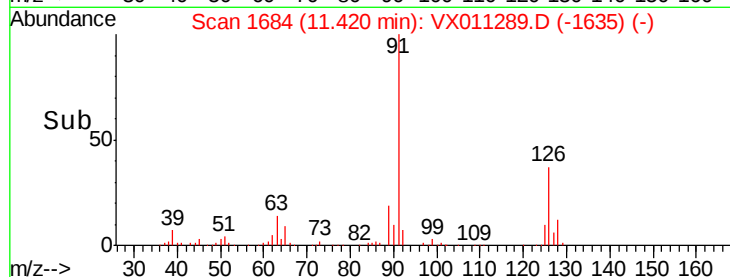
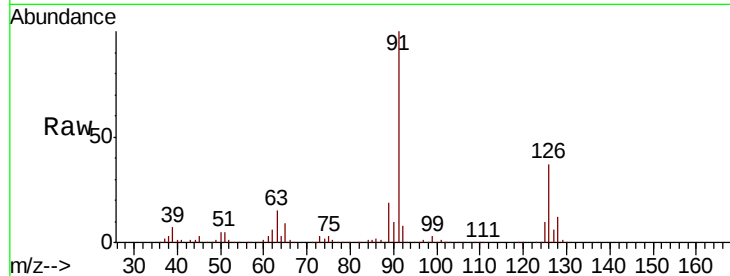
VSTDCCC050EC

Tot Ion: 91 Resp: 262253

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 53.329 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011289.D

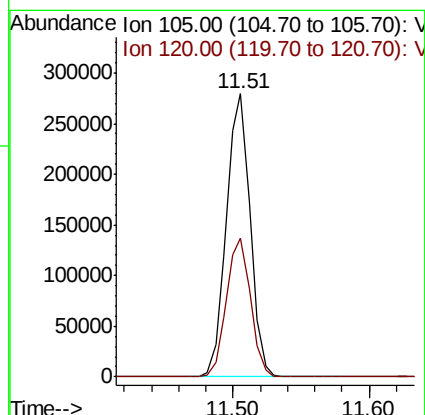
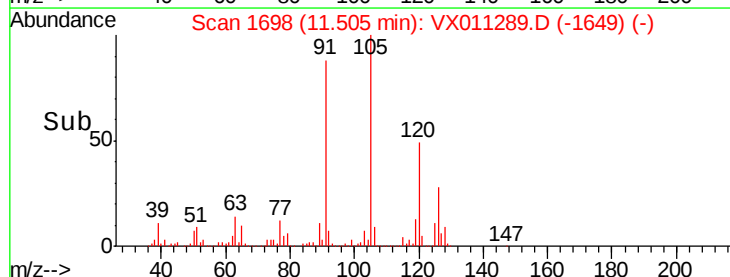
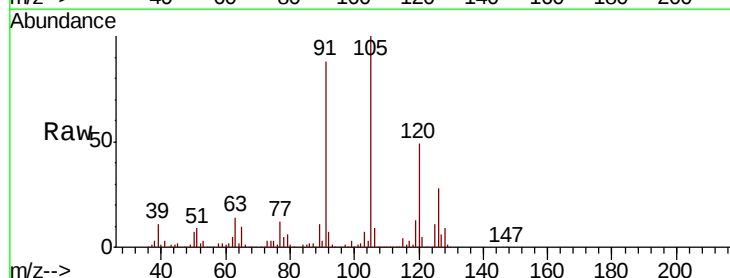
Acq: 02 Aug 2019 03:31

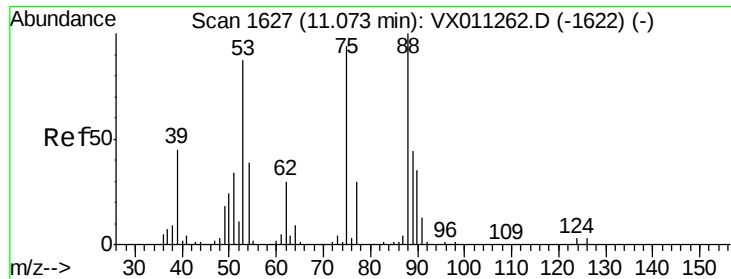
Tgt Ion:105 Resp: 337461

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.605 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

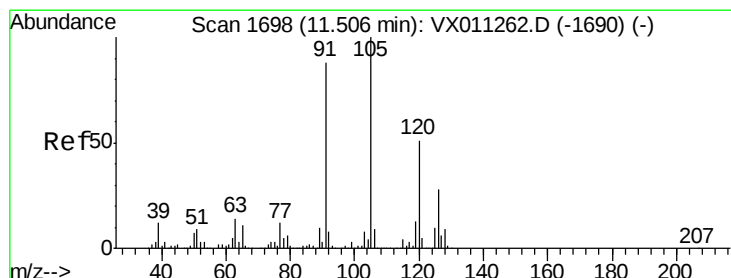
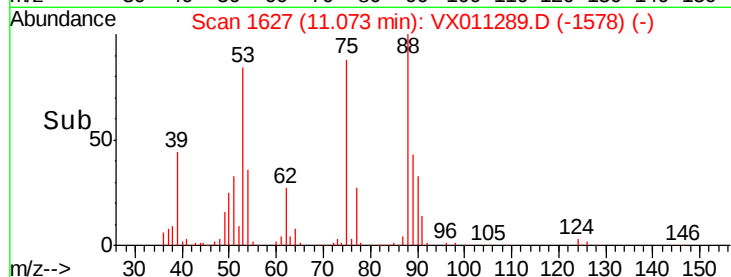
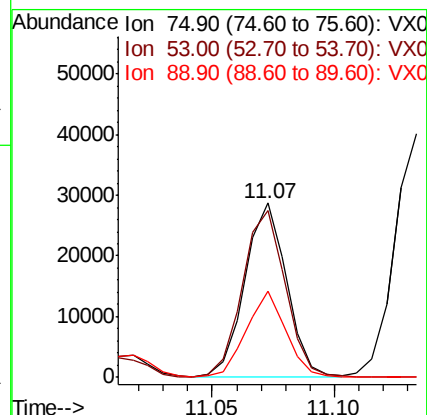
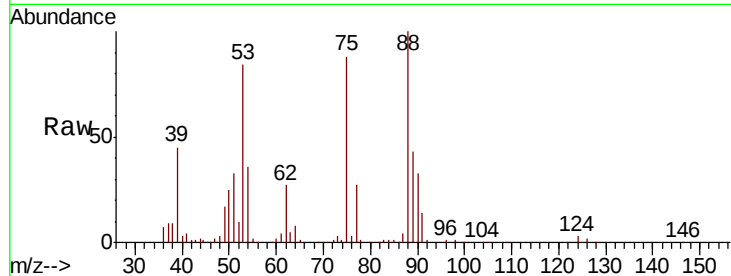
Tot Ion: 75 Resp: 34047

Ion Ratio Lower Upper

75 100

53 98.7 78.2 117.4

89 47.3 37.9 56.9



#82

4-Chlorotoluene

Concen: 52.475 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011289.D

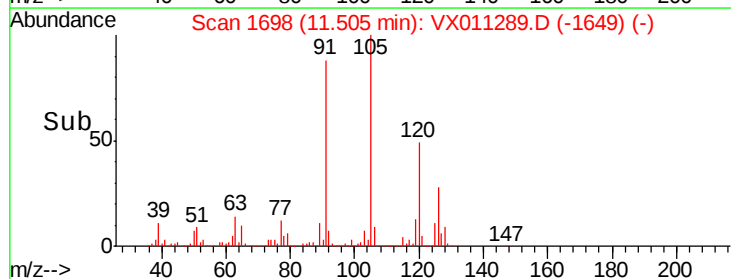
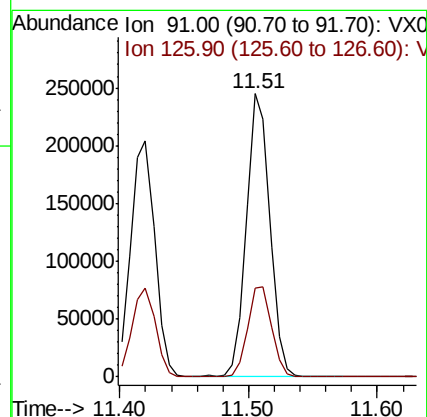
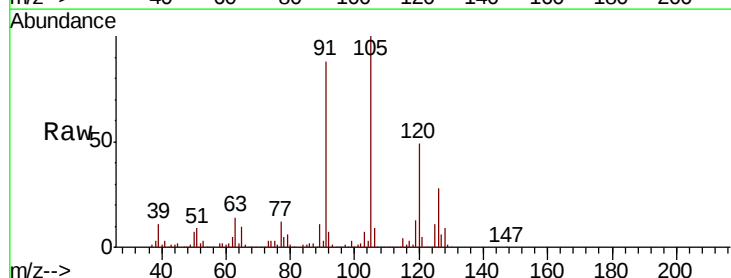
Acq: 02 Aug 2019 03:31

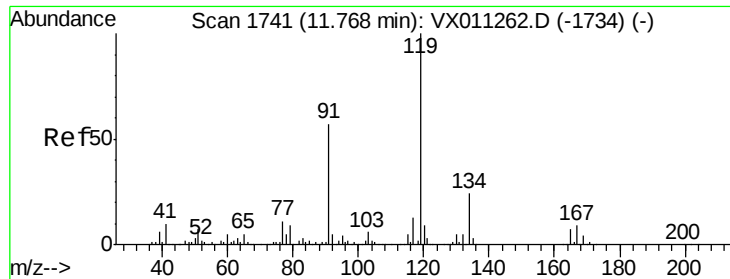
Tgt Ion: 91 Resp: 306416

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.2

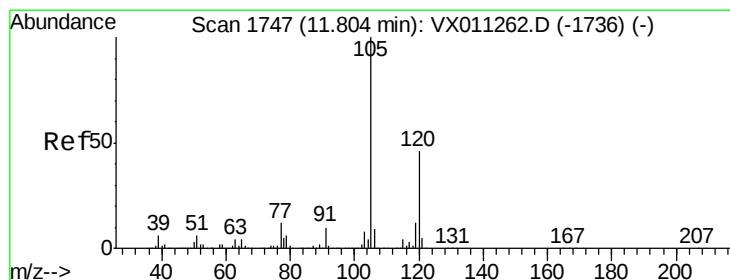
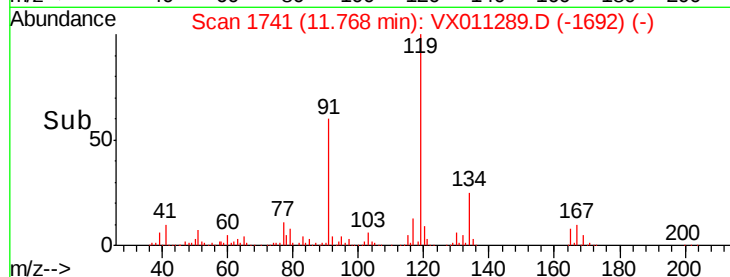
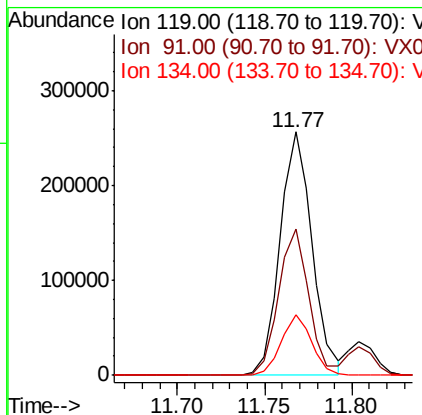
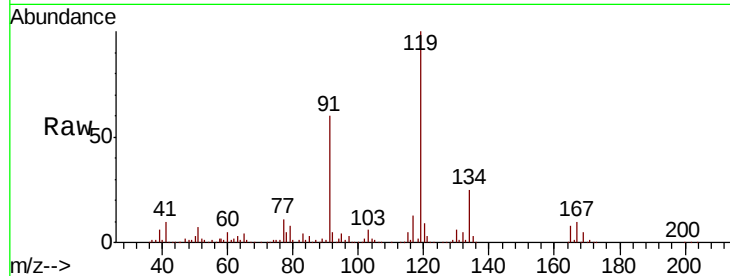




#83
tert-Butylbenzene
Concen: 52.710 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

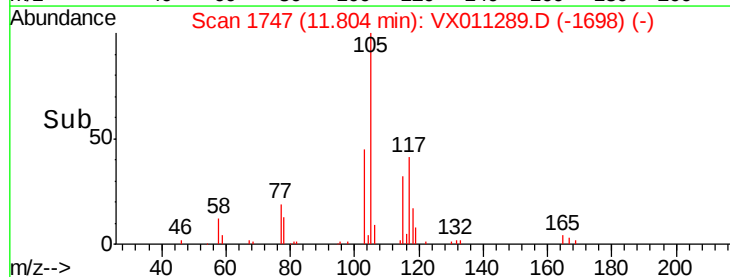
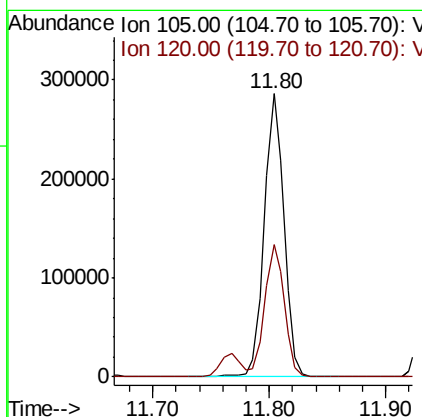
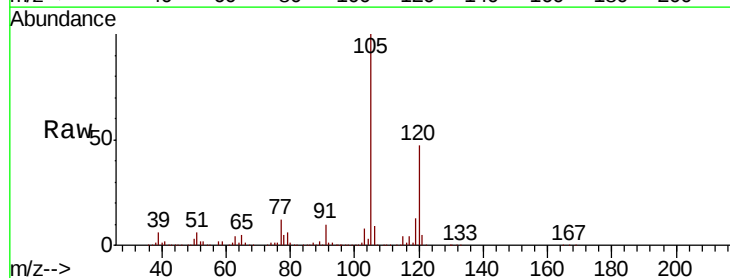
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

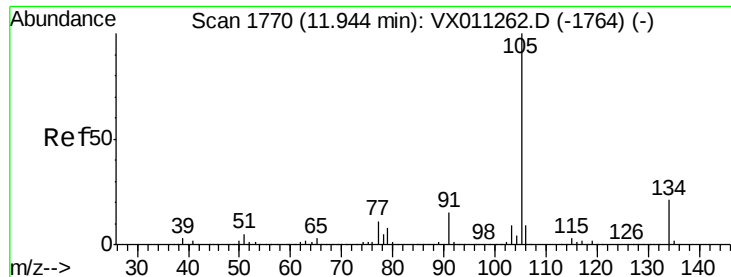
Tot Ion:119 Resp: 327131
Ion Ratio Lower Upper
119 100
91 57.3 28.0 84.0
134 23.9 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 53.889 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:105 Resp: 339512
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.454 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

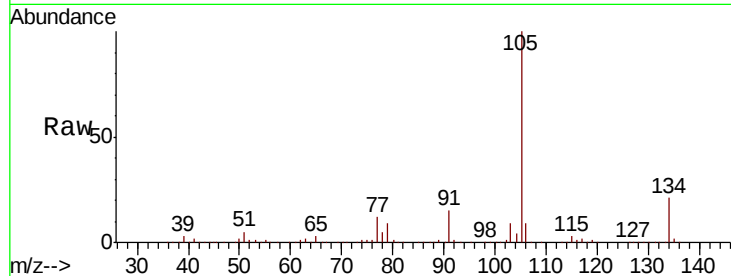
VSTDCCC050EC

Tot Ion:105 Resp: 391126

Ion Ratio Lower Upper

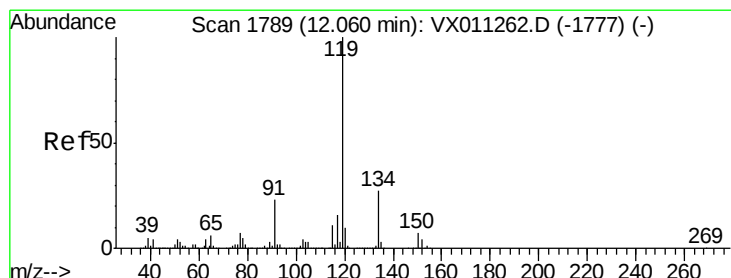
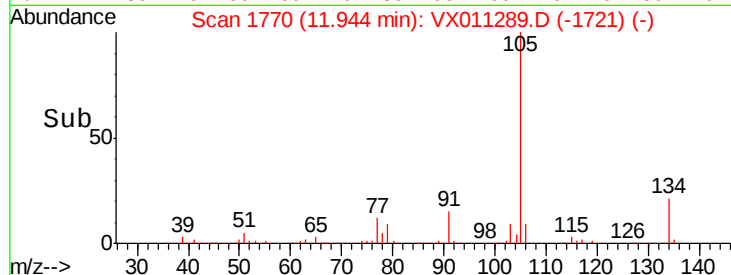
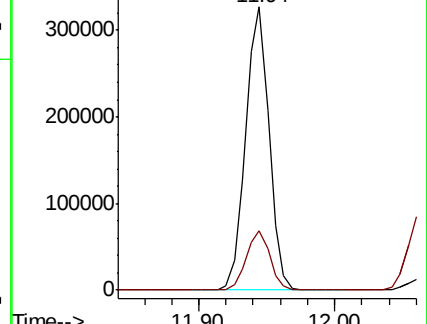
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.831 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

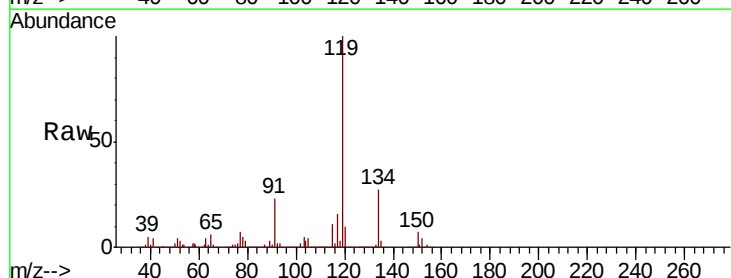
Tgt Ion:119 Resp: 369268

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

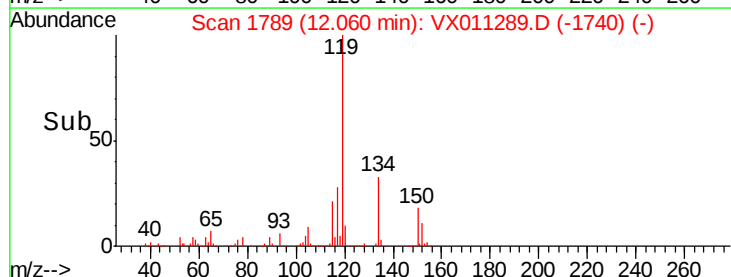
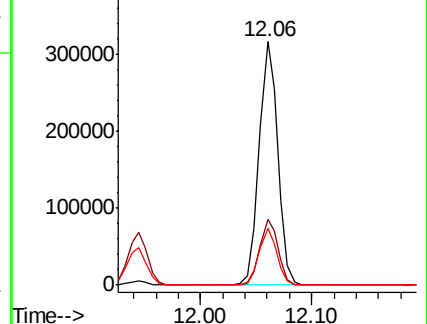
91 22.7 11.4 34.2

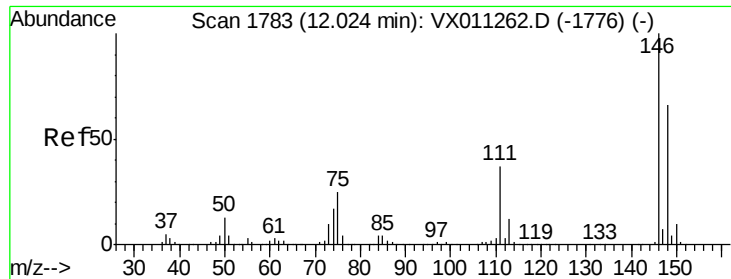


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.112 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

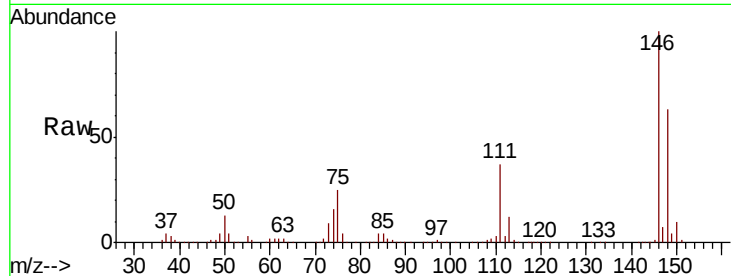
Tot Ion:146 Resp: 193005

Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

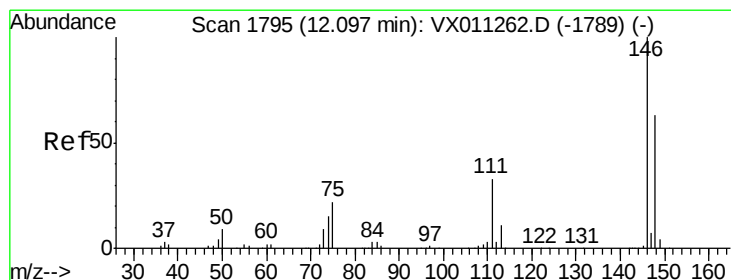
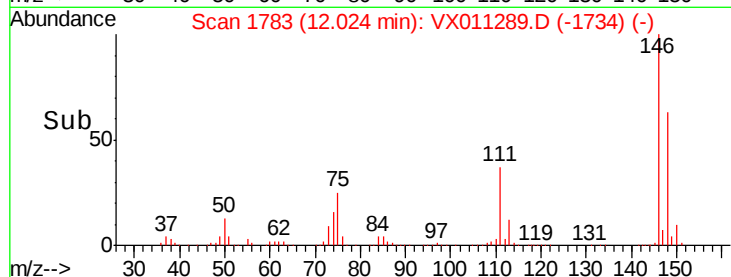
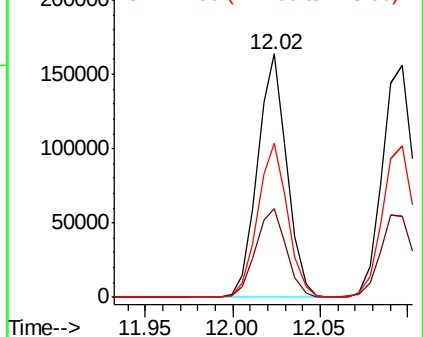
148 64.4 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.072 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011289.D

Acq: 02 Aug 2019 03:31

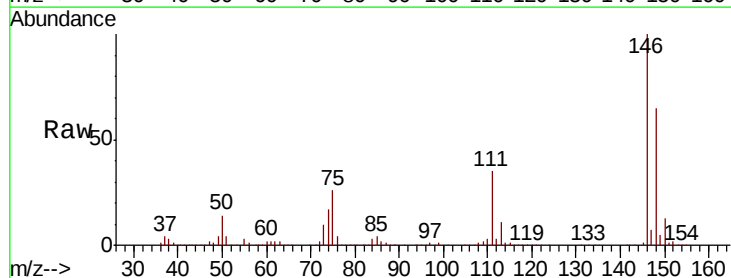
Tgt Ion:146 Resp: 195049

Ion Ratio Lower Upper

146 100

111 37.0 17.8 53.4

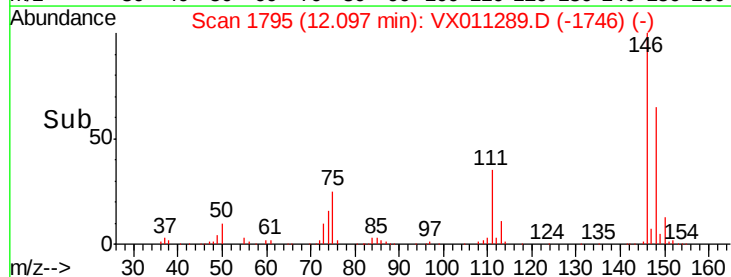
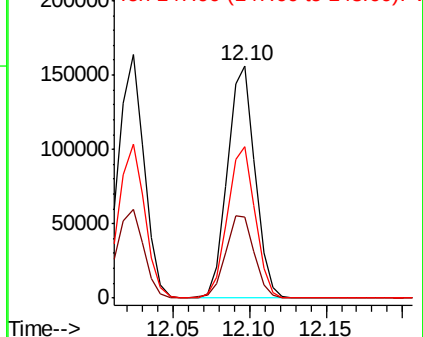
148 65.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

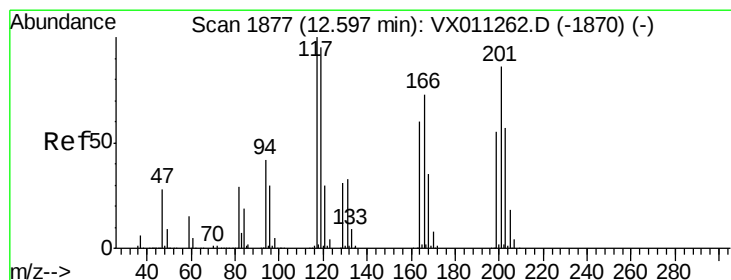
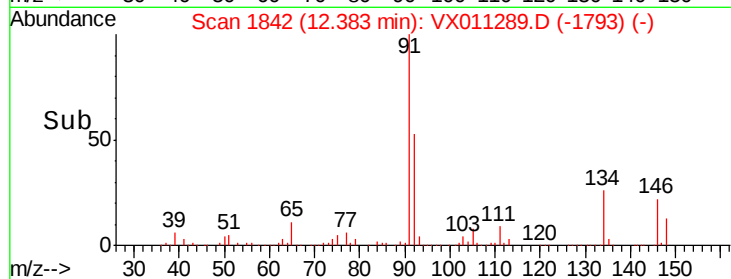
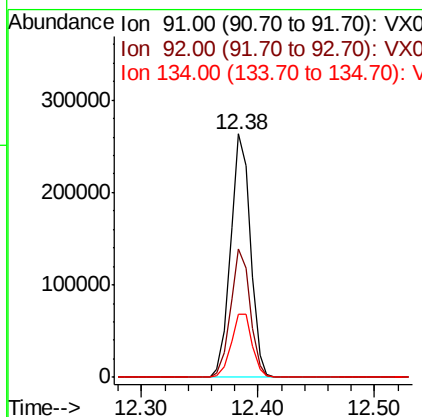
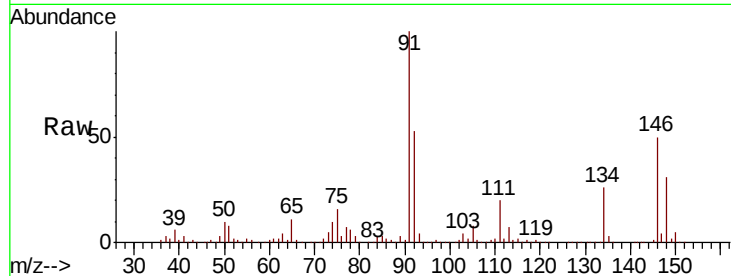




#89
n-Butylbenzene
Concen: 52.879 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

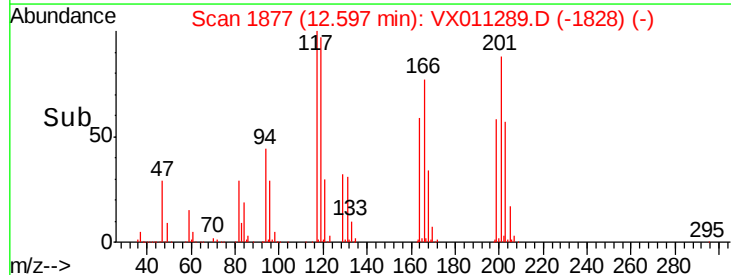
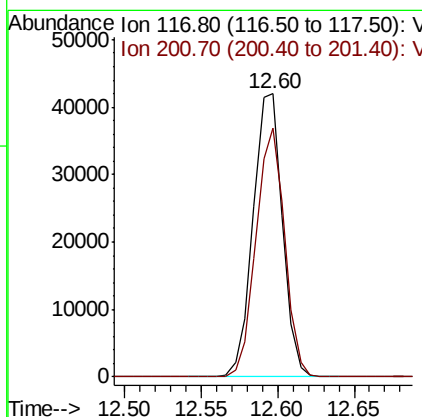
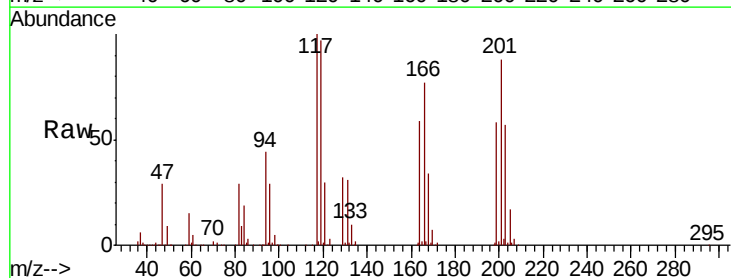
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 312510
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 55.267 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion: 117 Resp: 56050
Ion Ratio Lower Upper
117 100
201 85.9 41.8 125.4

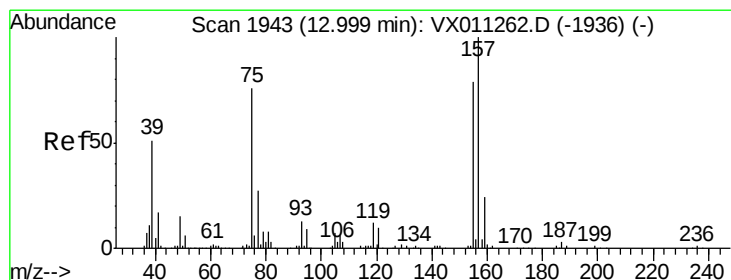
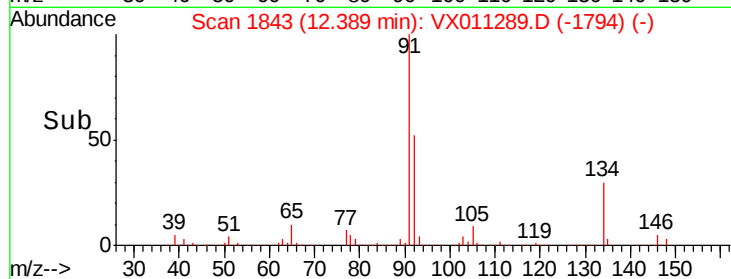
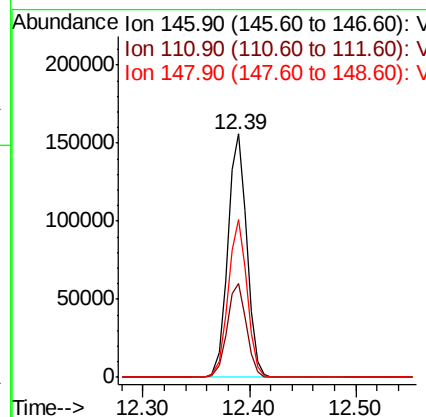
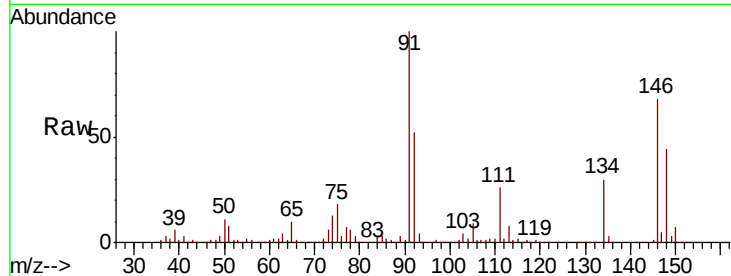




#91
 1,2-Dichlorobenzene
 Concen: 52.222 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

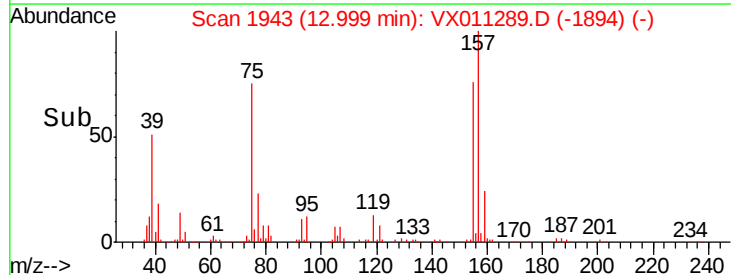
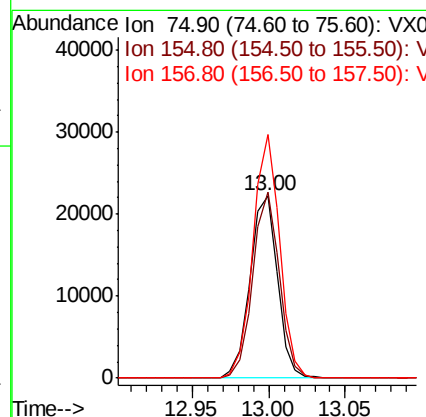
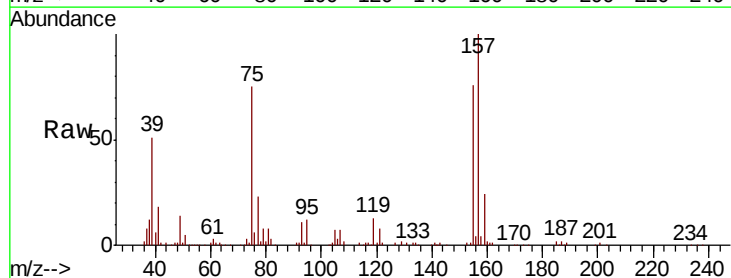
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 194336
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.1
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.044 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion: 75 Resp: 27841
 Ion Ratio Lower Upper
 75 100
 155 98.5 51.9 155.8
 157 129.1 64.3 192.7

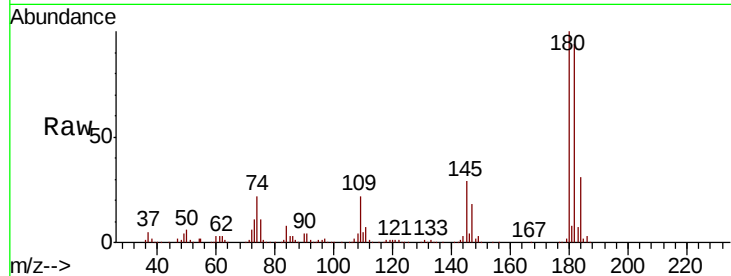




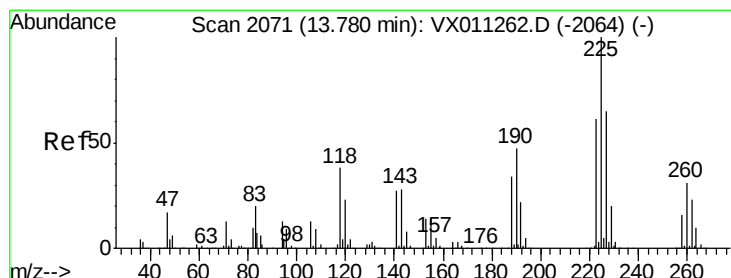
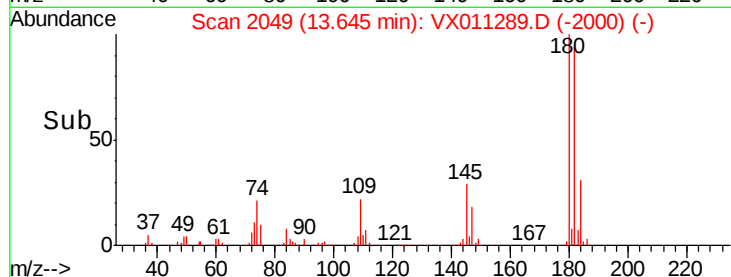
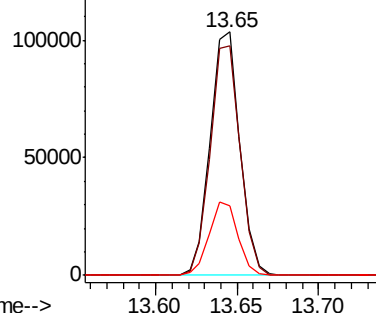
#93
 1,2,4-Trichlorobenzene
 Concen: 53.045 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	29.5	14.8	44.3

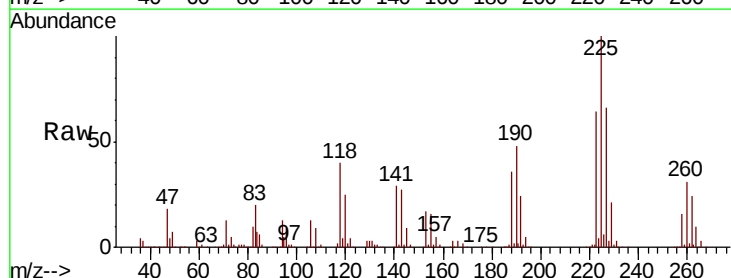


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

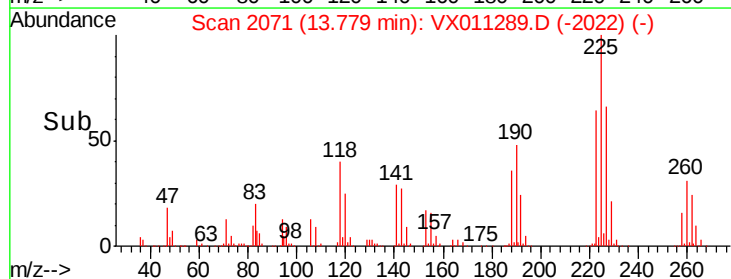
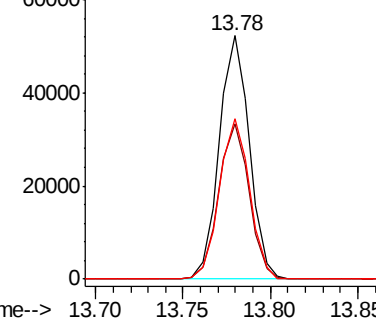


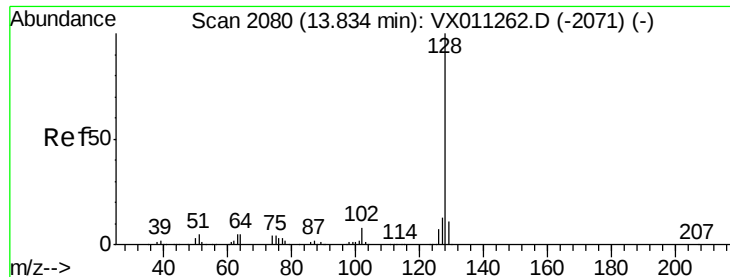
#94
 Hexachlorobutadiene
 Concen: 49.691 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011289.D
 Acq: 02 Aug 2019 03:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.0	93.0
227	66.2	32.2	96.6



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

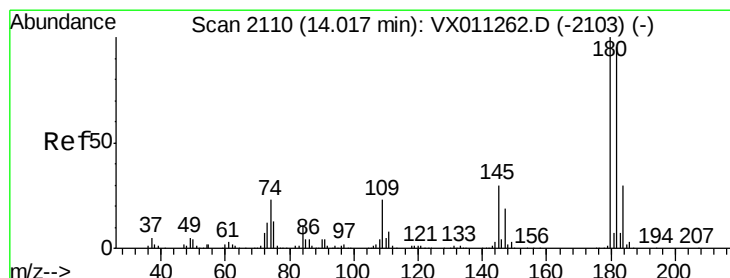
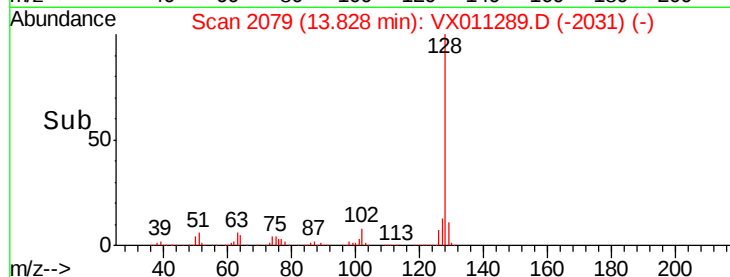
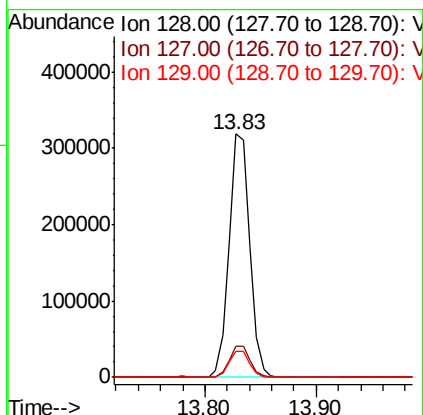
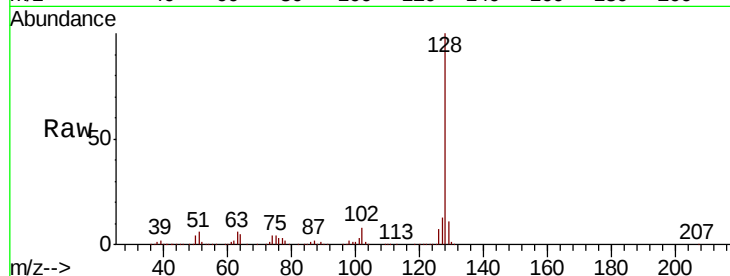




#95
Naphthalene
Concen: 56.469 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 407551
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.391 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011289.D
Acq: 02 Aug 2019 03:31

Tgt Ion:180 Resp: 131450
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 30.5 15.2 45.6

