

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012559.D
 Acq On : 03 Sep 2019 21:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 06:49:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147326	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	
35) Dibromofluoromethane	7.88	113	114637	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
50) Toluene-d8	10.32	98	439722	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.62	95	158793	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	65851	49.604	ug/l	97
3) Chloromethane	2.21	50	99206	48.235	ug/l	99
4) Vinyl Chloride	2.36	62	112900	44.849	ug/l	99
5) Bromomethane	2.77	94	62367	48.919	ug/l	100
6) Chloroethane	2.92	64	66411	46.766	ug/l	95
7) Trichlorofluoromethane	3.25	101	72270	57.174	ug/l	99
8) Diethyl Ether	3.68	74	69273	57.737	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114123	53.115	ug/l	97
10) Methyl Iodide	4.27	142	161662	55.609	ug/l	98
11) Tert butyl alcohol	5.19	59	48899	317.037	ug/l	100
12) 1,1-Dichloroethene	4.03	96	113370	52.424	ug/l	100
13) Acrolein	3.89	56	53605	369.214	ug/l	99
14) Allyl chloride	4.67	41	251079	54.308	ug/l	98
15) Acrylonitrile	5.37	53	178548	300.233	ug/l	100
16) Acetone	4.13	43	170385	260.072	ug/l	99
17) Carbon Disulfide	4.38	76	317968	48.651	ug/l	100
18) Methyl Acetate	4.67	43	97938	60.356	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	224447	64.179	ug/l	98
20) Methylene Chloride	4.92	84	131579	53.126	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	125254	54.011	ug/l	96
22) Diisopropyl ether	6.31	45	490104	57.191	ug/l	99
23) Vinyl Acetate	6.25	43	1595288	302.488	ug/l	100
24) 1,1-Dichloroethane	6.21	63	261488	56.041	ug/l	99
25) 2-Butanone	7.17	43	253080	284.274	ug/l	98
26) 2,2-Dichloropropane	7.16	77	145785	55.200	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	141624	57.160	ug/l	100
28) Bromochloromethane	7.51	49	110364	54.268	ug/l	96
29) Tetrahydrofuran	7.53	42	164502	307.985	ug/l	99
30) Chloroform	7.67	83	246734	57.798	ug/l	98
31) Cyclohexane	7.95	56	219612	47.572	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	195735	57.960	ug/l	99
36) 1,1-Dichloropropene	8.08	75	195493	54.721	ug/l	99
37) Ethyl Acetate	7.25	43	117326	59.930	ug/l	100
38) Carbon Tetrachloride	8.07	117	178392	57.692	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	209371	52.167	ug/l	97
40) Benzene	8.32	78	536339	54.980	ug/l	99
41) Methacrylonitrile	7.48	41	70387	61.173	ug/l	98
42) 1,2-Dichloroethane	8.40	62	186641	61.047	ug/l	99
43) Isopropyl Acetate	8.42	43	220635	60.843	ug/l	99
44) Trichloroethene	9.09	130	132513	55.879	ug/l	95
45) 1,2-Dichloropropane	9.37	63	145739	55.511	ug/l	99
46) Dibromomethane	9.46	93	70190	60.088	ug/l	98
47) Bromodichloromethane	9.64	83	187765	60.397	ug/l	100
48) Methyl methacrylate	9.43	41	106286	61.582	ug/l	95
49) 1,4-Dioxane	9.46	88	21929	1226.282	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	574665	311.566	ug/l	99
52) Toluene	10.38	92	329292	56.190	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	192757	60.869	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	222685	58.238	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	98866	59.820	ug/l	98
56) Ethyl methacrylate	10.65	69	148407	61.697	ug/l	100
57) 1,3-Dichloropropane	10.93	76	186507	59.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	367875	297.994	ug/l	99
59) 2-Hexanone	10.97	43	390343	299.099	ug/l	100
60) Dibromochloromethane	11.13	129	113965	61.909	ug/l	100
61) 1,2-Dibromoethane	11.23	107	93787	60.911	ug/l	99
64) Tetrachloroethene	10.86	164	112734	57.909	ug/l	98
65) Chlorobenzene	11.66	112	333151	56.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123586	59.916	ug/l	98
67) Ethyl Benzene	11.73	91	641737	56.344	ug/l	100
68) m/p-Xylenes	11.83	106	461192	112.413	ug/l	99
69) o-Xylene	12.16	106	219034	57.684	ug/l	98
70) Styrene	12.18	104	387879	59.015	ug/l	99
71) Bromoform	12.35	173	66431	64.642	ug/l	99
73) Isopropylbenzene	12.46	105	610539	54.837	ug/l	99
74) N-amyl acetate	12.27	43	201492	59.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117744	57.685	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	158638	109.623	ug/l #	100
77) Bromobenzene	12.74	156	138077	57.325	ug/l	97
78) n-propylbenzene	12.80	91	737420	54.254	ug/l	98
79) 2-Chlorotoluene	12.89	91	423713	54.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	522763	56.191	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	38659	58.572	ug/l	97
82) 4-Chlorotoluene	12.99	91	444361	54.995	ug/l	100
83) tert-Butylbenzene	13.21	119	443198	56.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	519777	55.618	ug/l	99
85) sec-Butylbenzene	13.38	105	618853	54.812	ug/l	100
86) p-Isopropyltoluene	13.50	119	563703	55.906	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	261683	55.544	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	263339	56.294	ug/l	99
89) n-Butylbenzene	13.82	91	542992	54.153	ug/l	99
90) Hexachloroethane	14.09	117	99114	56.027	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	235140	56.893	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21265	61.798	ug/l	97

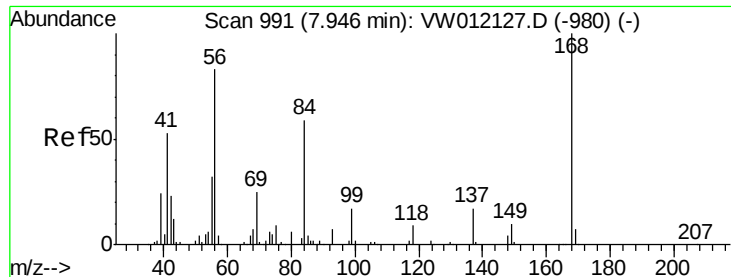
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Quant Time: Sep 04 06:49:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	165352	57.893	ug/l	99
94) Hexachlorobutadiene	15.24	225	108477	57.519	ug/l	98
95) Naphthalene	15.36	128	320279	56.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	148594	59.630	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

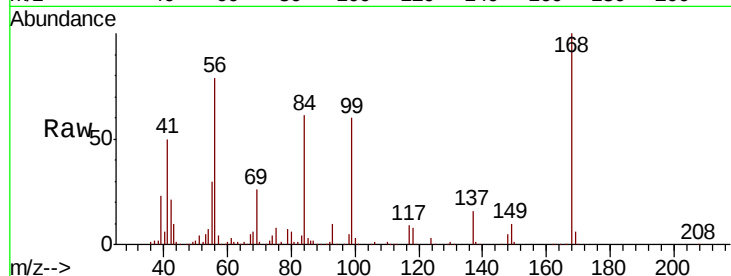
VSTDCCC050

Tgt Ion:168 Resp: 215600

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

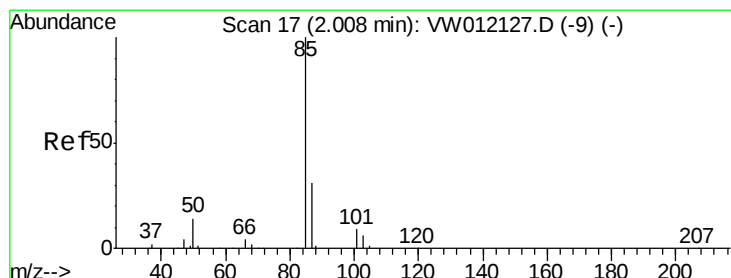
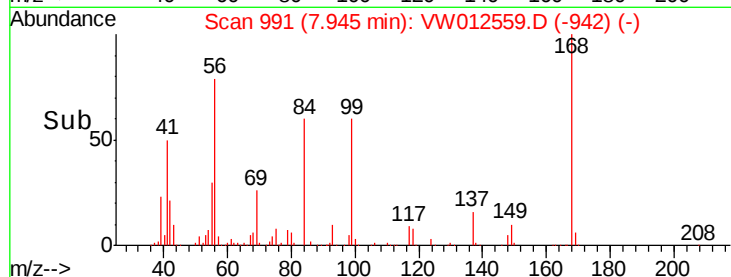
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.604 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012559.D

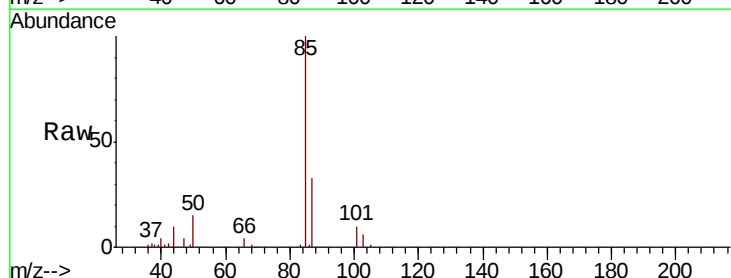
Acq: 03 Sep 2019 21:30

Tgt Ion: 85 Resp: 65851

Ion Ratio Lower Upper

85 100

87 33.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

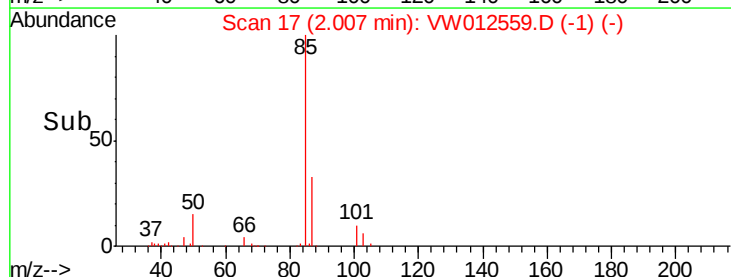
15000

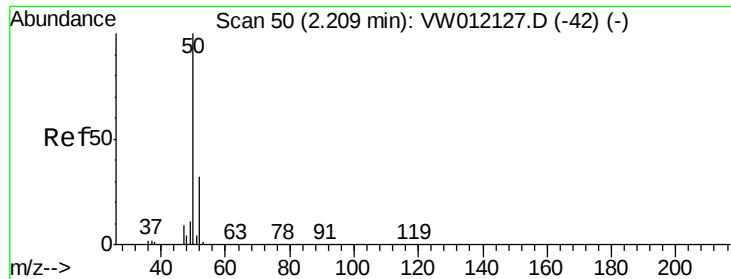
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.235 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

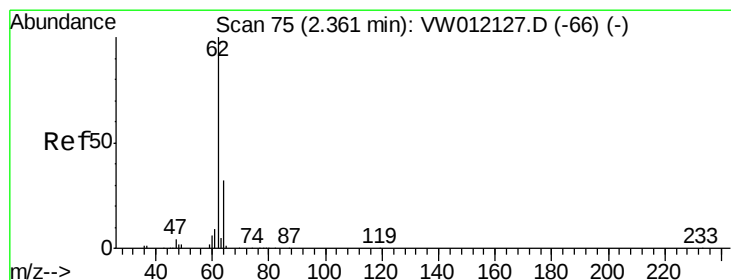
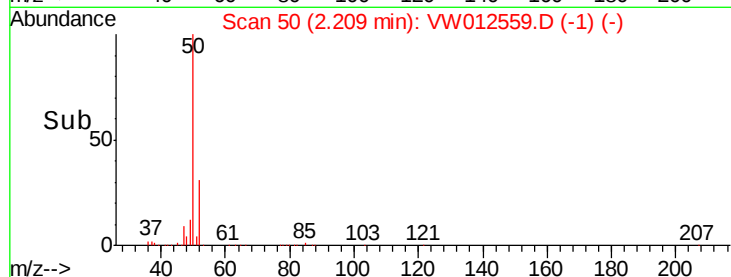
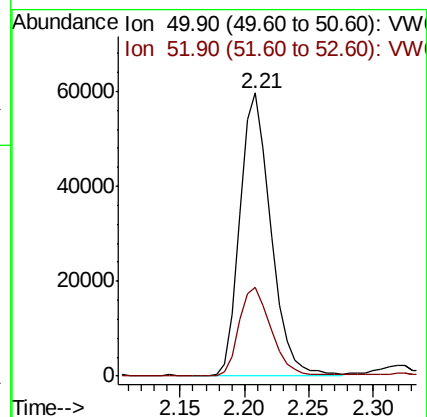
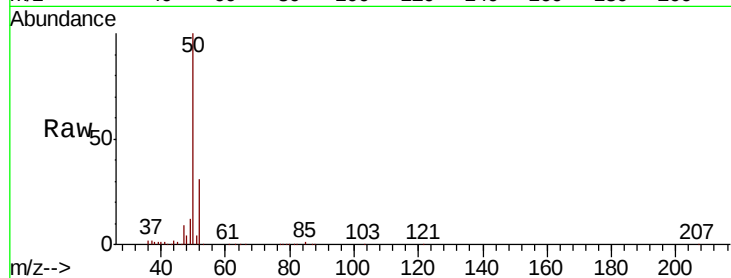
VSTDCCC050

Tgt Ion: 50 Resp: 99206

Ion Ratio Lower Upper

50 100

52 31.3 25.5 38.3



#4

Vinyl Chloride

Concen: 44.849 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012559.D

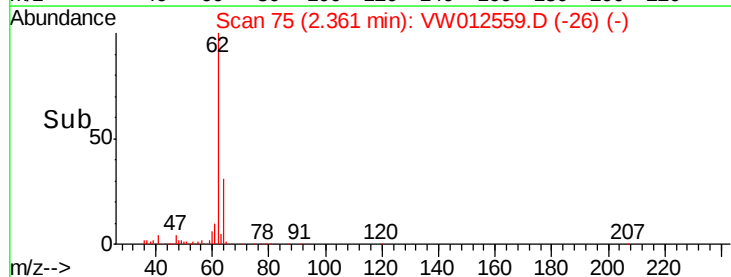
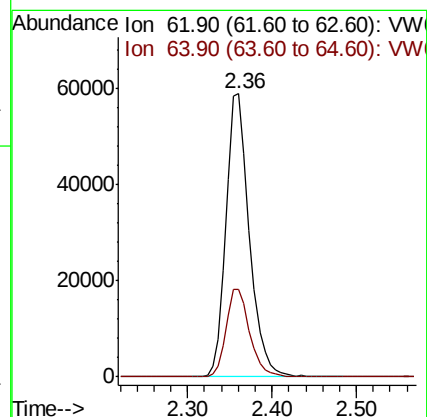
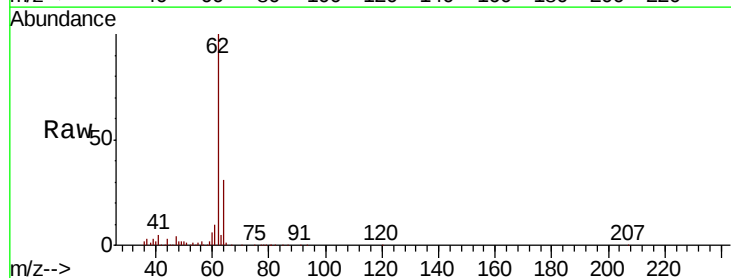
Acq: 03 Sep 2019 21:30

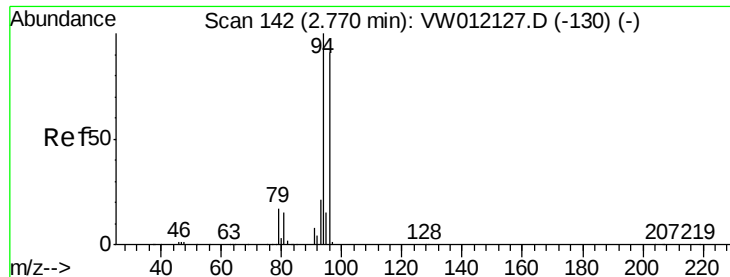
Tgt Ion: 62 Resp: 112900

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 48.919 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

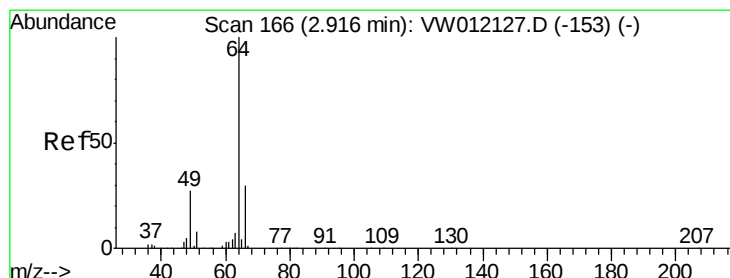
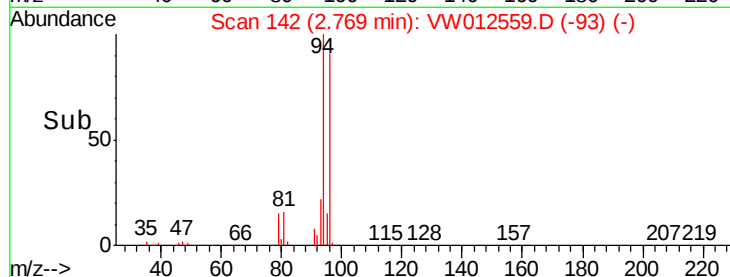
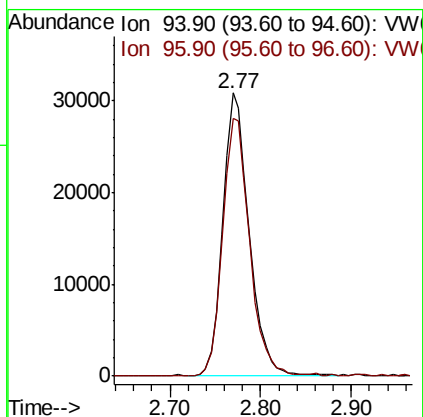
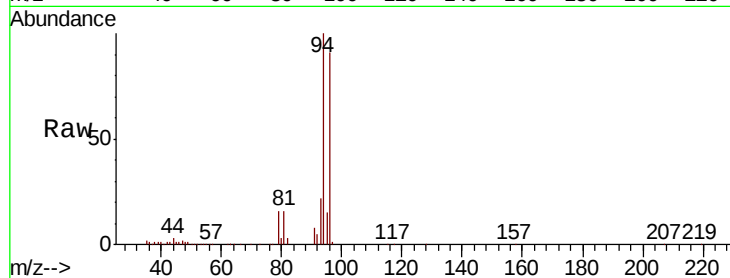
VSTDCCC050

Tgt Ion: 94 Resp: 62367

Ion Ratio Lower Upper

94 100

96 91.2 72.9 109.3



#6

Chloroethane

Concen: 46.766 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012559.D

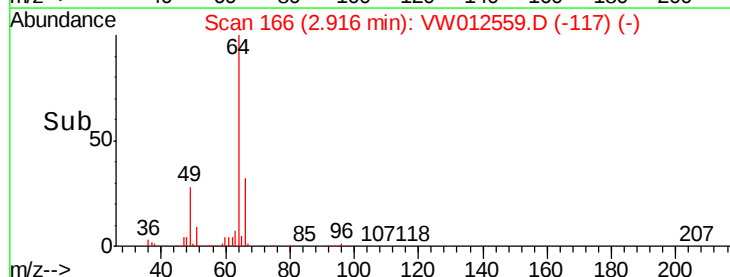
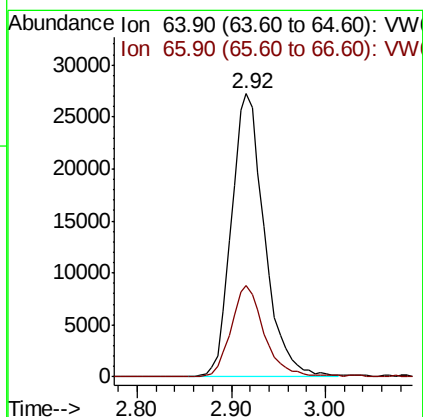
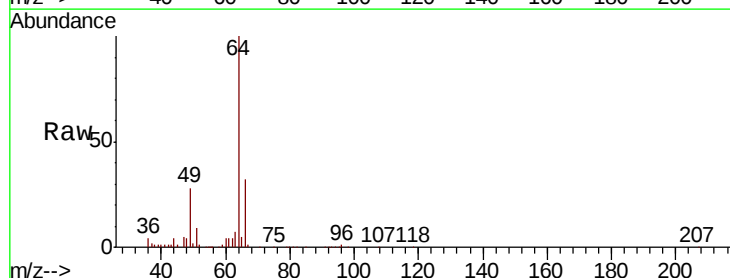
Acq: 03 Sep 2019 21:30

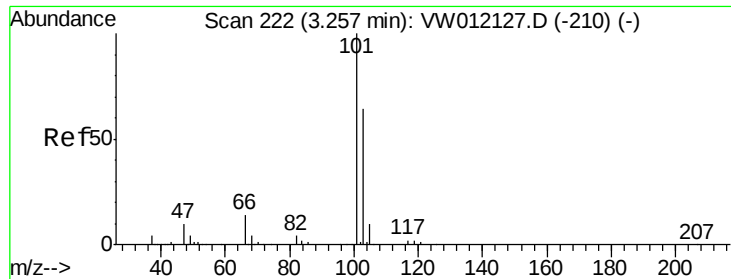
Tgt Ion: 64 Resp: 66411

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.8



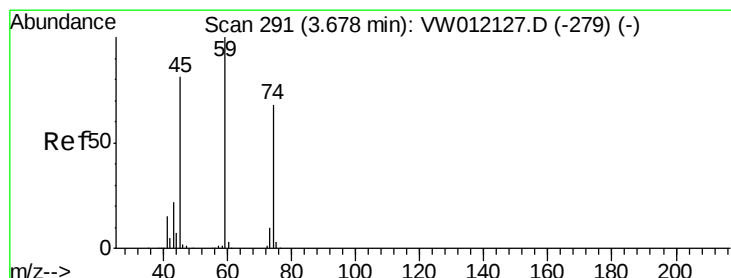
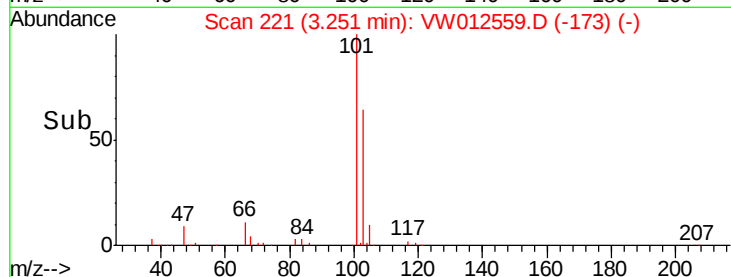
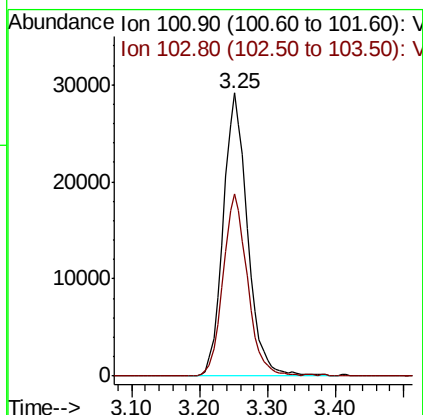
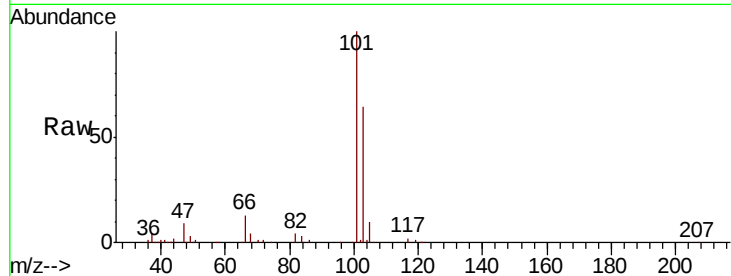


#7

Trichlorofluoromethane
 Concen: 57.174 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012559.D
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 VSTDCCC050

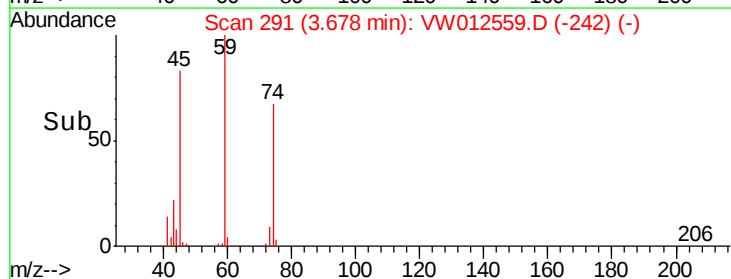
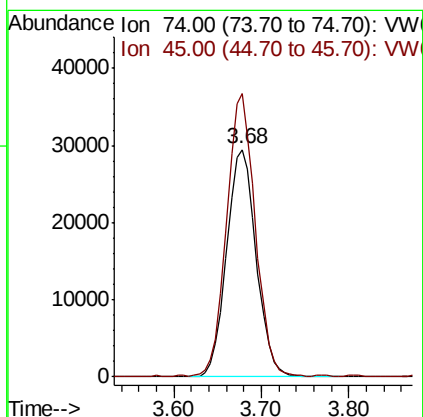
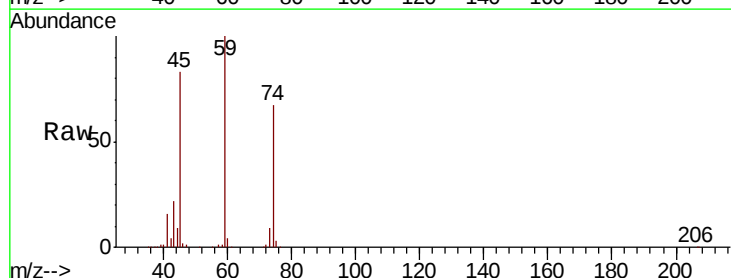
Tgt Ion:101 Resp: 72270
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.2 76.8

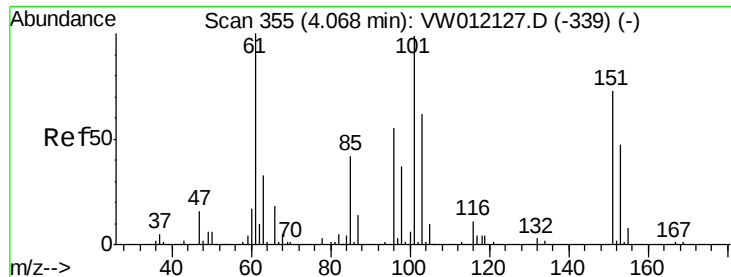


#8

Diethyl Ether
 Concen: 57.737 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 74 Resp: 69273
 Ion Ratio Lower Upper
 74 100
 45 120.0 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.115 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

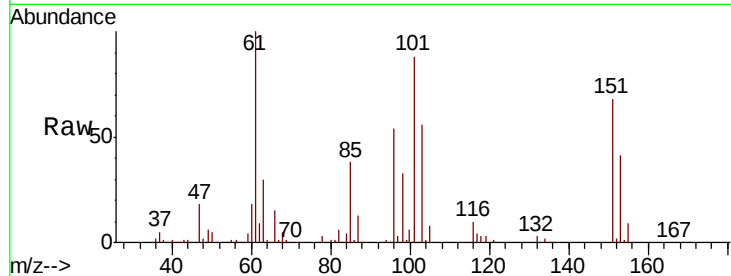
Tgt Ion:101 Resp: 114123

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

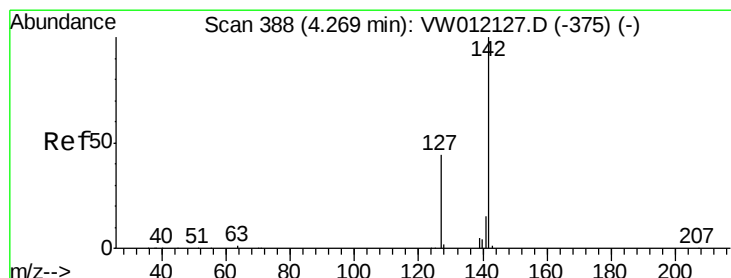
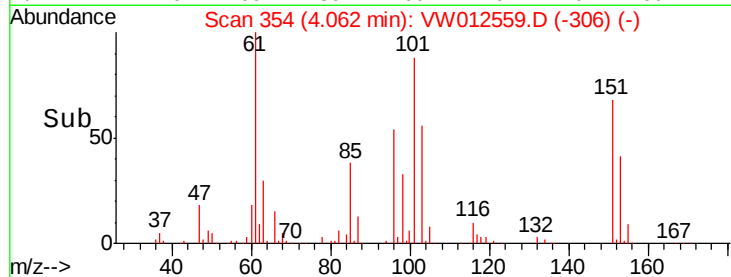
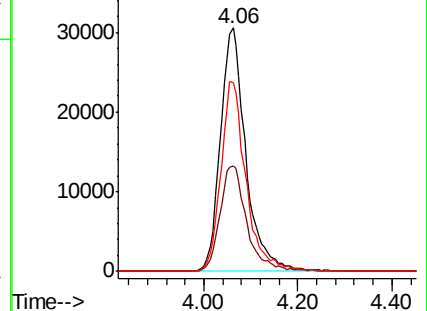
151 76.9 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.609 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

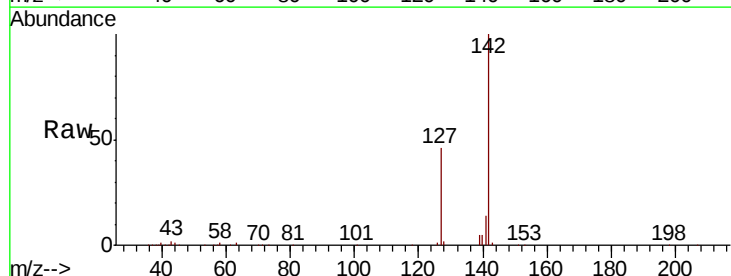
Tgt Ion:142 Resp: 161662

Ion Ratio Lower Upper

142 100

127 45.7 35.5 53.3

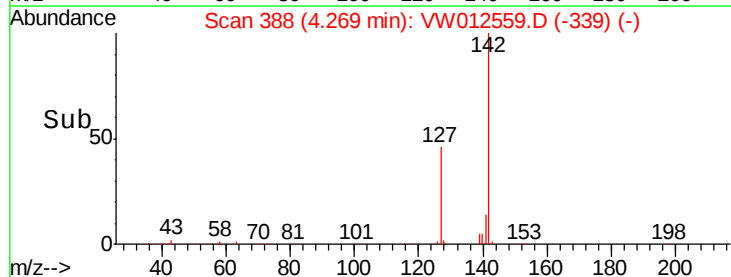
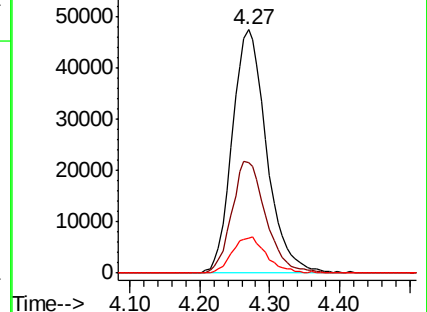
141 14.9 11.8 17.8

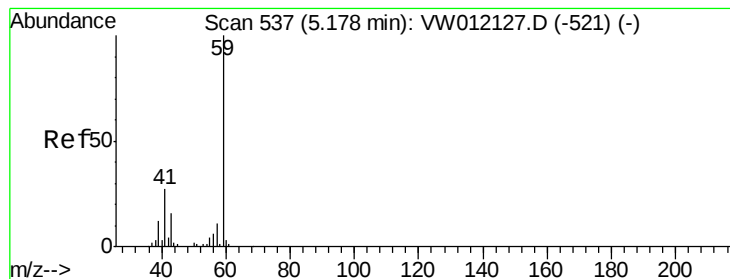


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



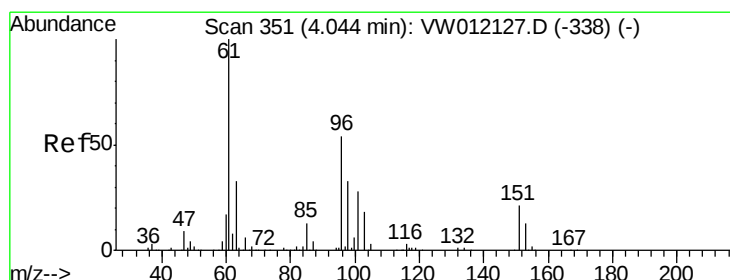
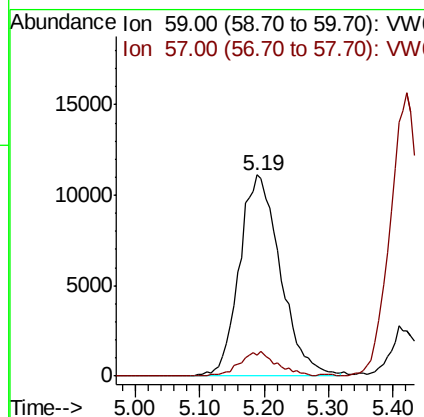
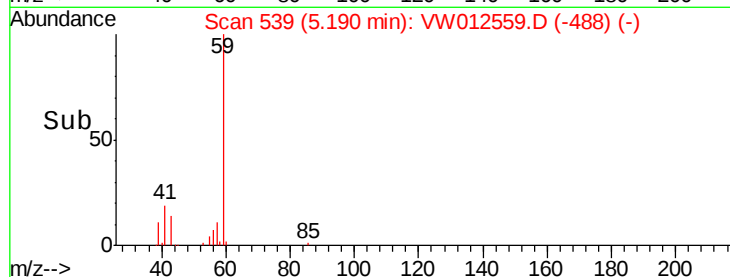
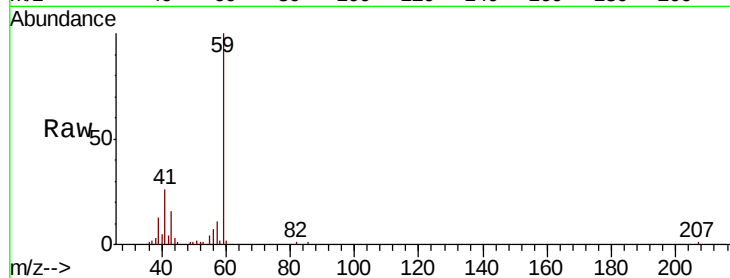


#11

Tert butyl alcohol
Concen: 317.037 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

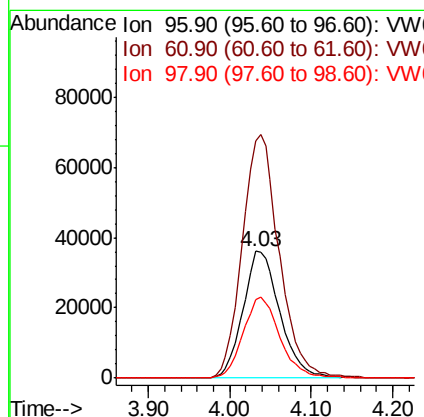
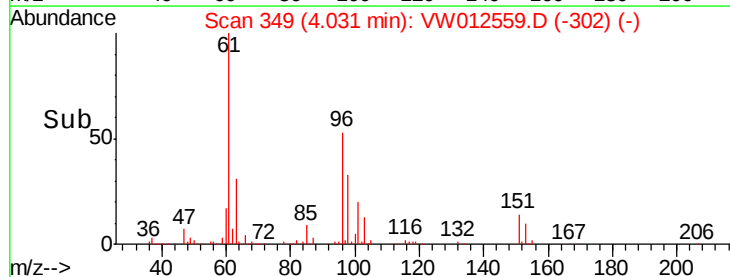
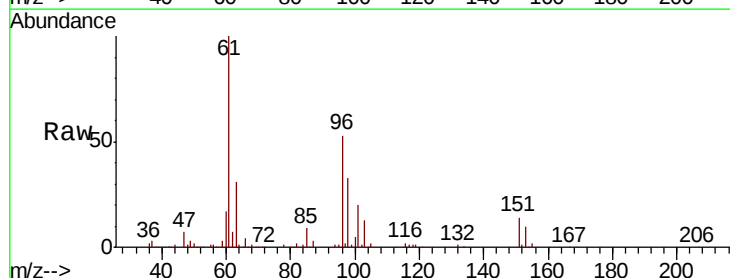
Tgt Ion: 59 Resp: 48899
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

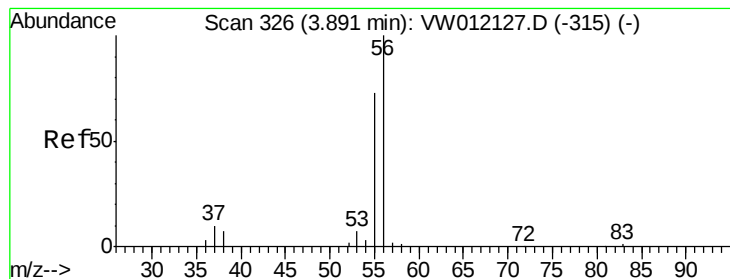


#12

1,1-Dichloroethene
Concen: 52.424 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 96 Resp: 113370
Ion Ratio Lower Upper
96 100
61 187.2 149.1 223.7
98 61.8 49.4 74.2





#13

Acrolein

Concen: 369.214 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

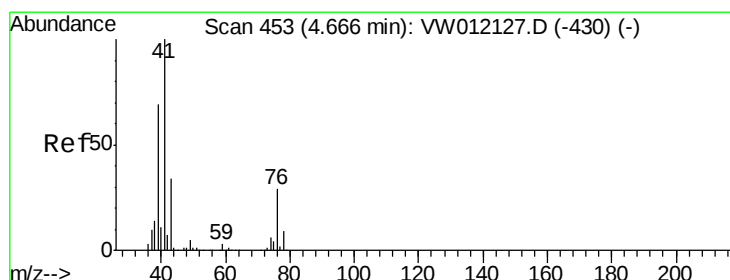
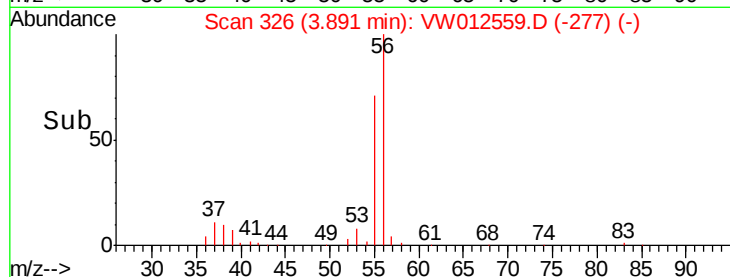
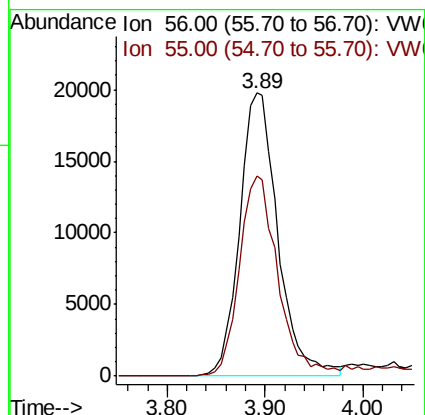
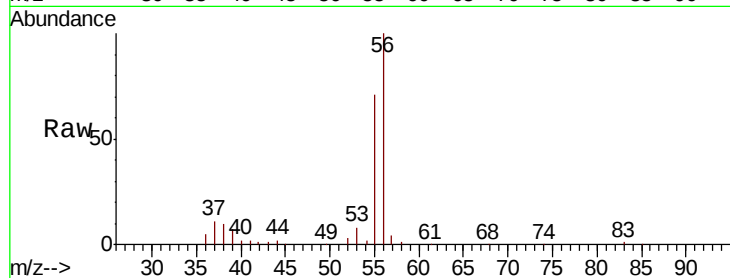
VSTDCCC050

Tgt Ion: 56 Resp: 53605

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 54.308 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

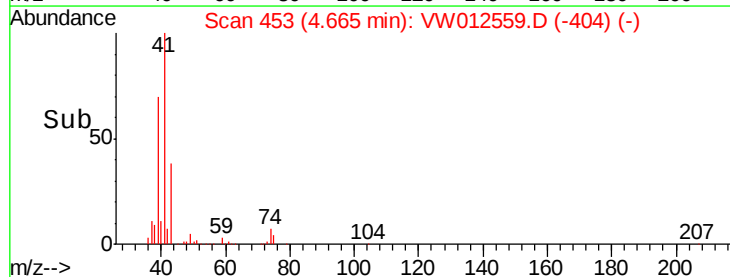
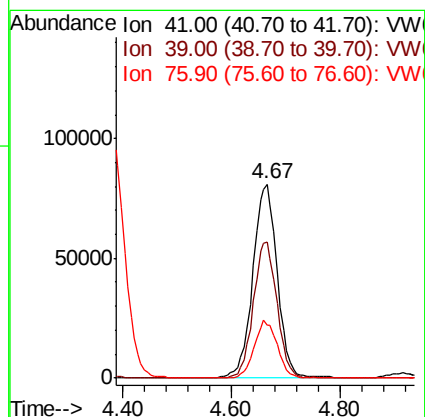
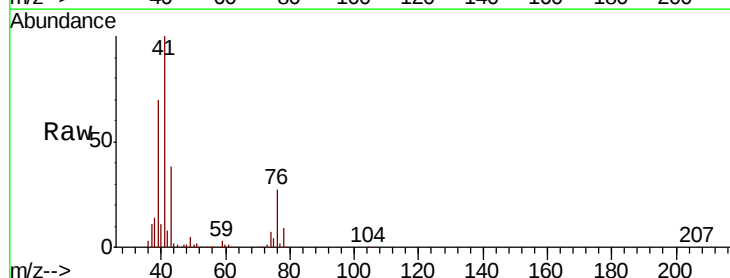
Tgt Ion: 41 Resp: 251079

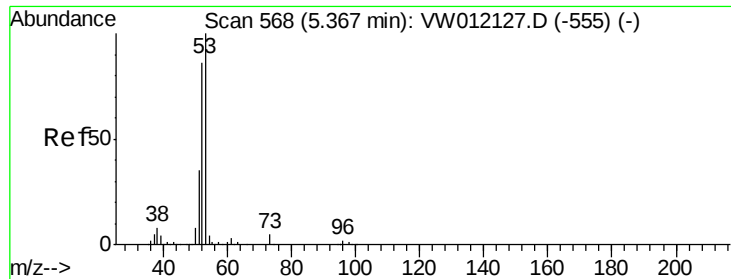
Ion Ratio Lower Upper

41 100

39 68.4 53.4 80.2

76 28.0 22.1 33.1





#15

Acrylonitrile

Concen: 300.233 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

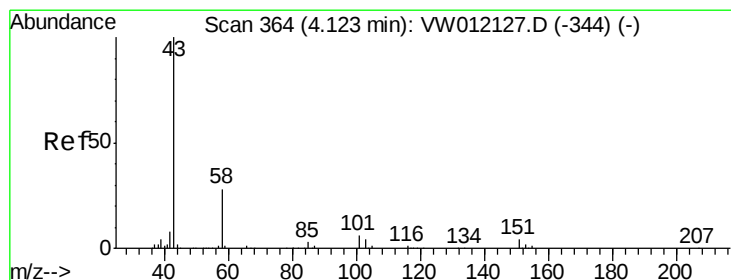
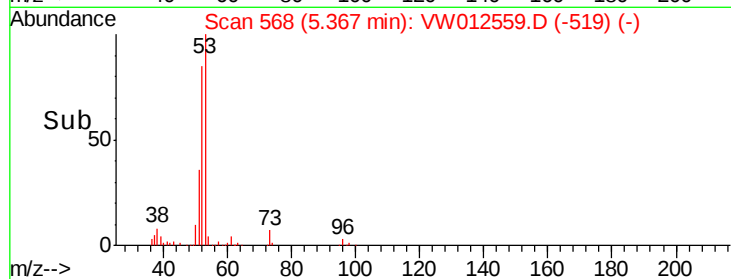
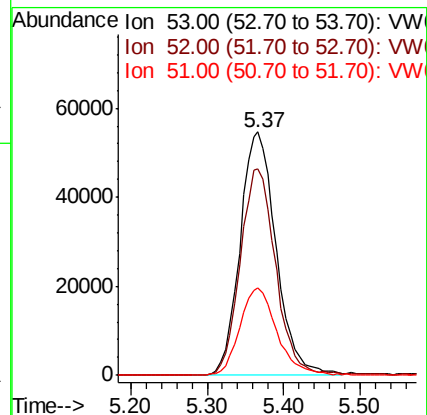
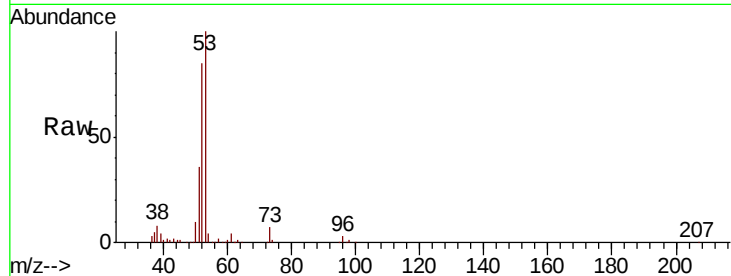
Tgt Ion: 53 Resp: 178548

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

51 37.2 30.1 45.1



#16

Acetone

Concen: 260.072 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012559.D

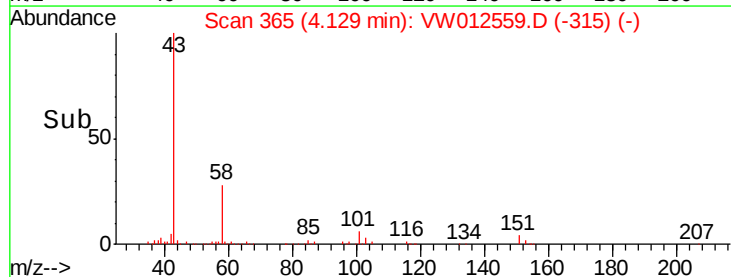
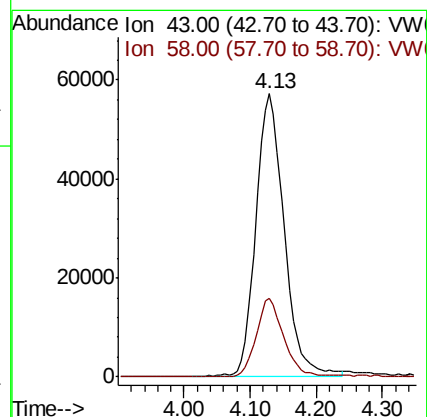
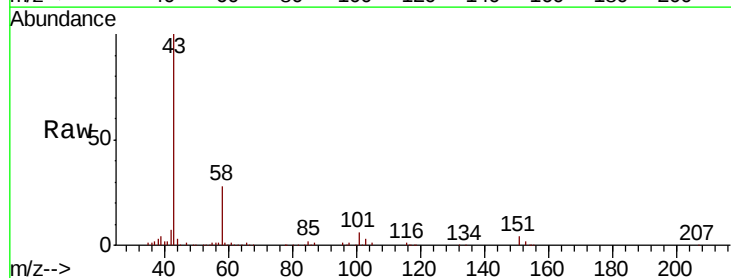
Acq: 03 Sep 2019 21:30

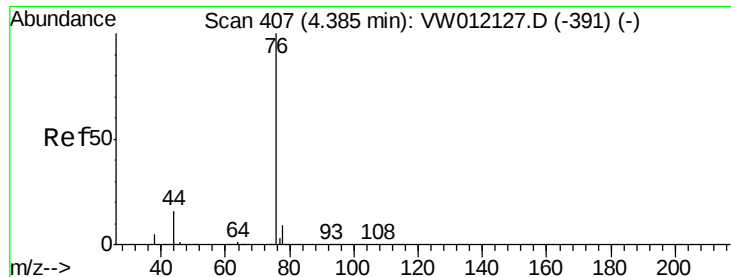
Tgt Ion: 43 Resp: 170385

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6

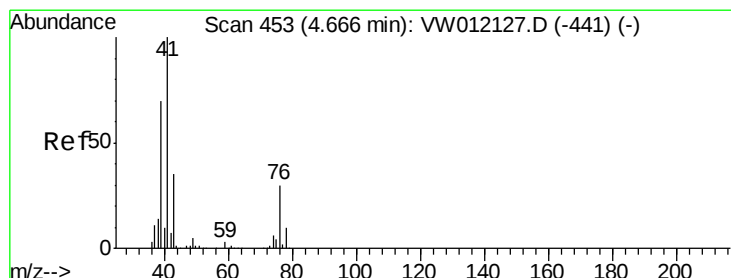
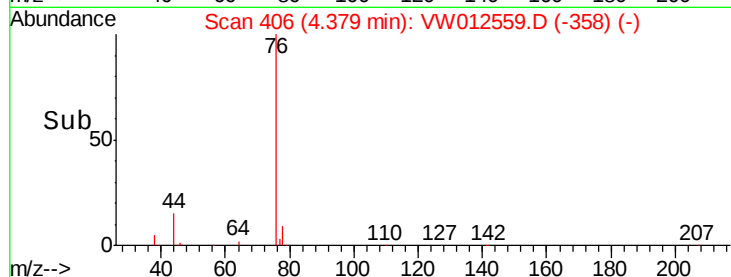
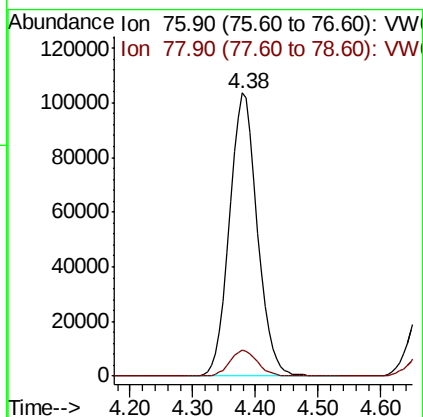
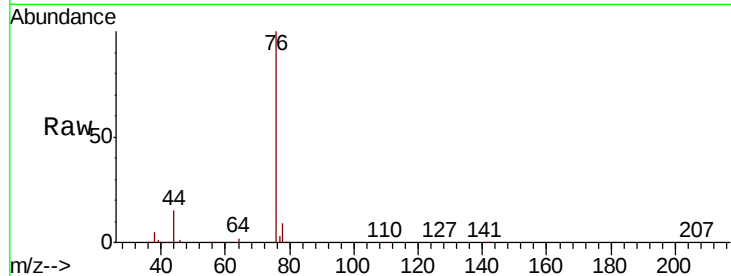




#17
Carbon Disulfide
Concen: 48.651 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

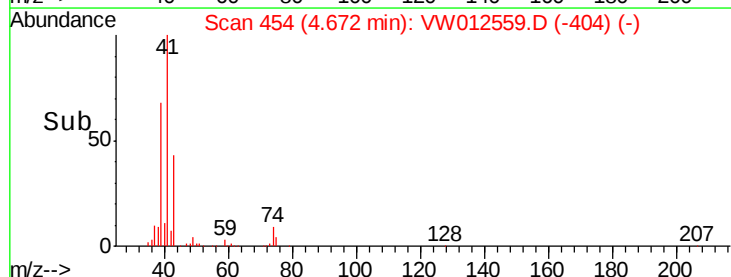
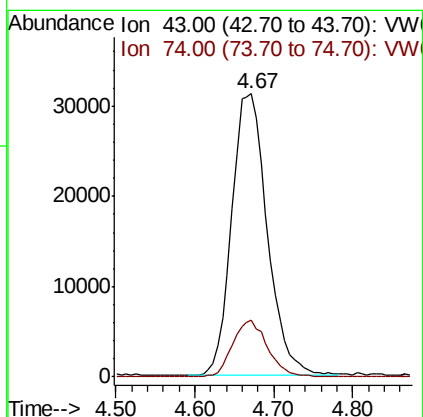
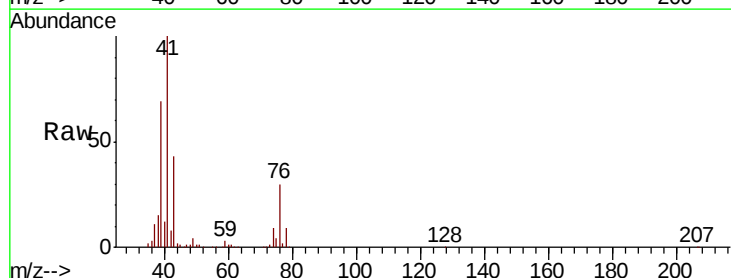
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

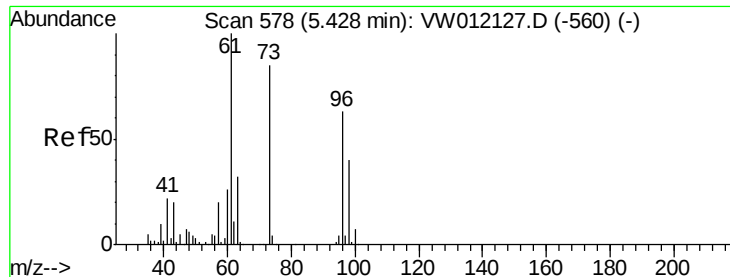
Tgt Ion: 76 Resp: 317968
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 60.356 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 43 Resp: 97938
Ion Ratio Lower Upper
43 100
74 19.8 15.7 23.5

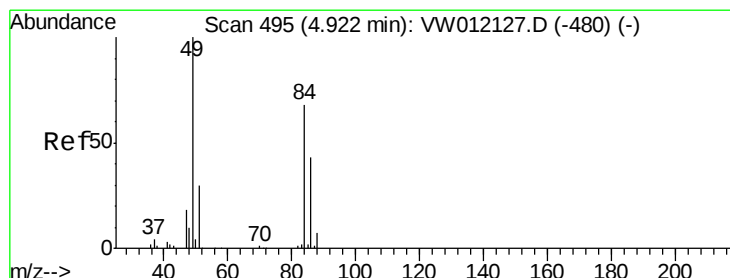
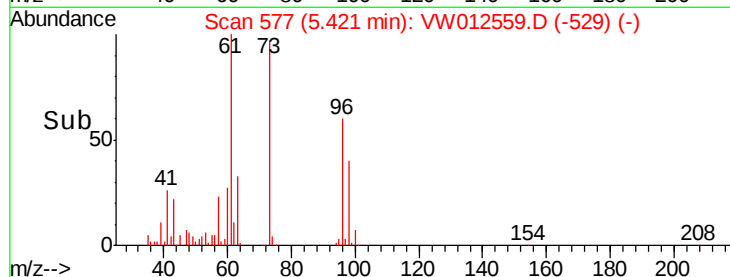
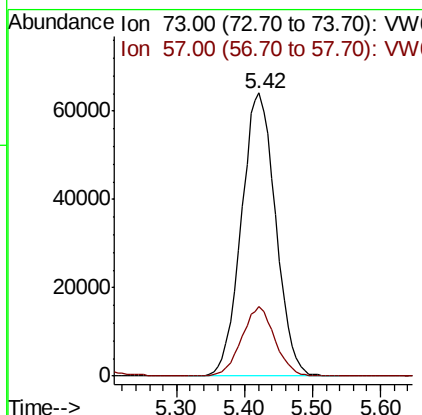
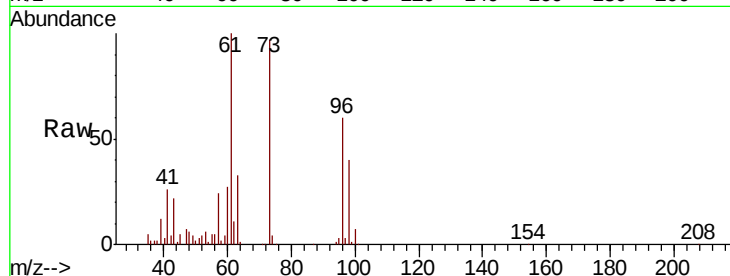




#19
Methyl tert-butyl Ether
Concen: 64.179 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

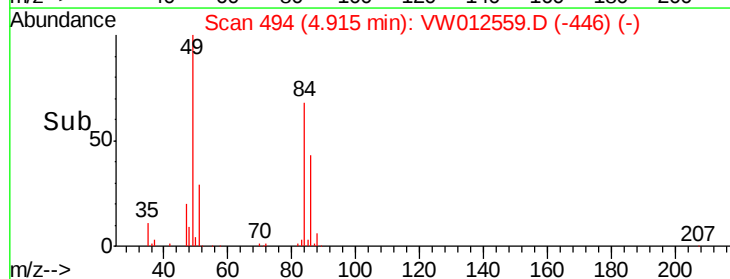
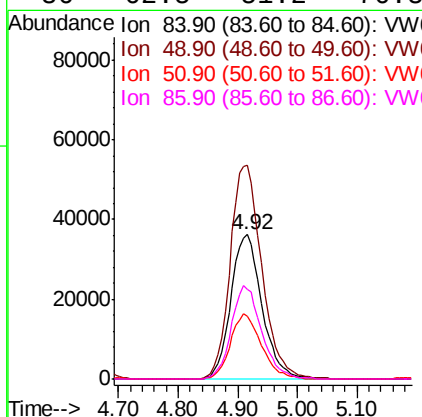
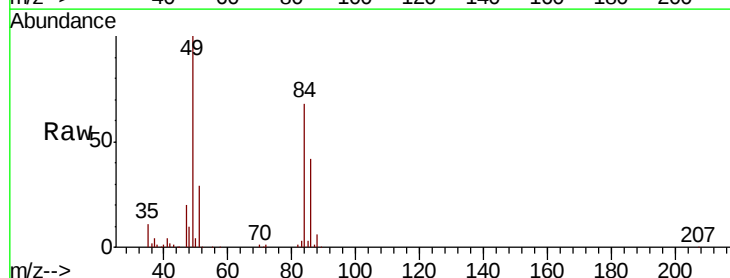
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

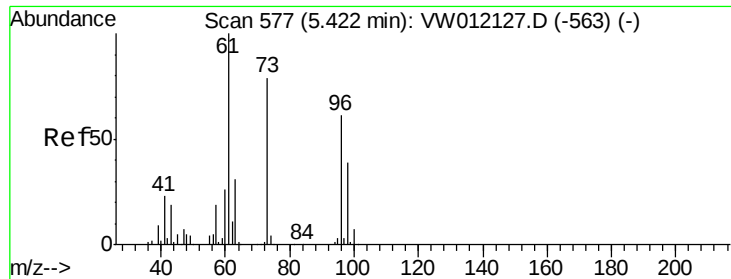
Tgt Ion: 73 Resp: 224447
Ion Ratio Lower Upper
73 100
57 24.4 18.9 28.3



#20
Methylene Chloride
Concen: 53.126 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 84 Resp: 131579
Ion Ratio Lower Upper
84 100
49 147.7 117.8 176.8
51 43.5 35.6 53.4
86 62.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.011 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

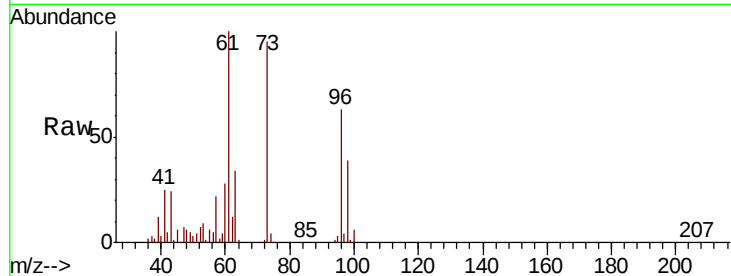
Tgt Ion: 96 Resp: 125254

Ion Ratio Lower Upper

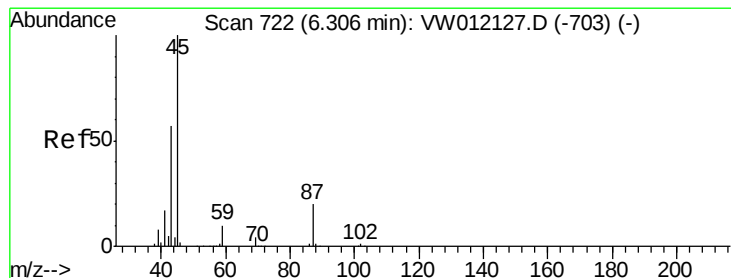
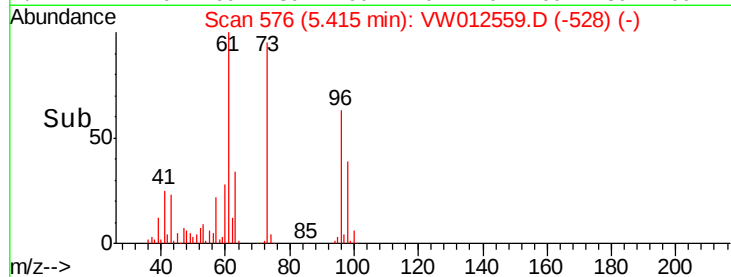
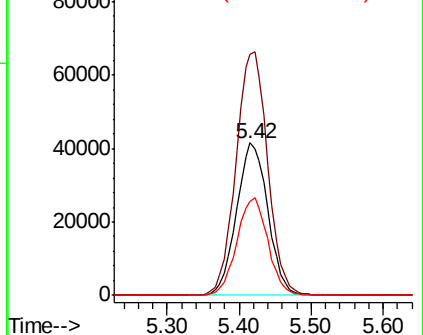
96 100

61 158.4 131.4 197.0

98 61.7 51.4 77.0



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



#22

Diisopropyl ether

Concen: 57.191 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Tgt Ion: 45 Resp: 490104

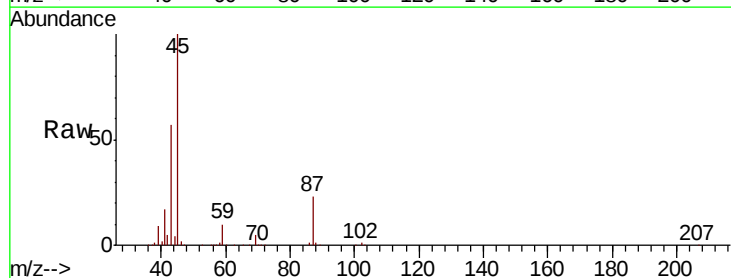
Ion Ratio Lower Upper

45 100

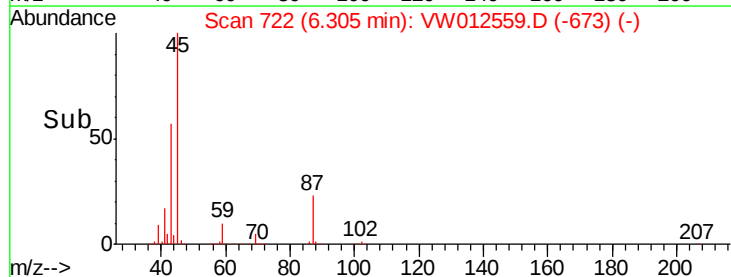
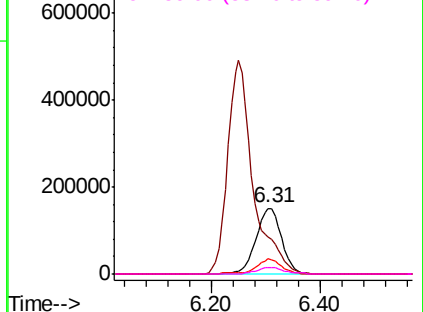
43 56.9 45.5 68.3

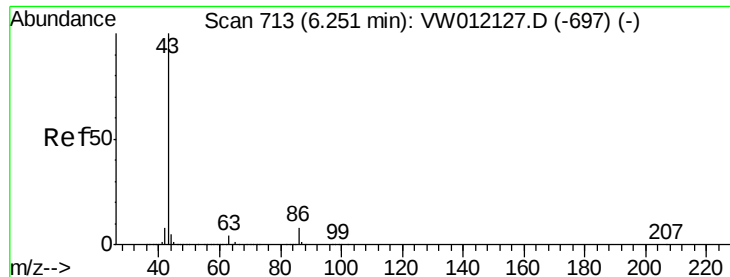
87 22.6 16.1 24.1

59 10.5 8.2 12.2



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





#23

Vinyl Acetate

Concen: 302.488 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

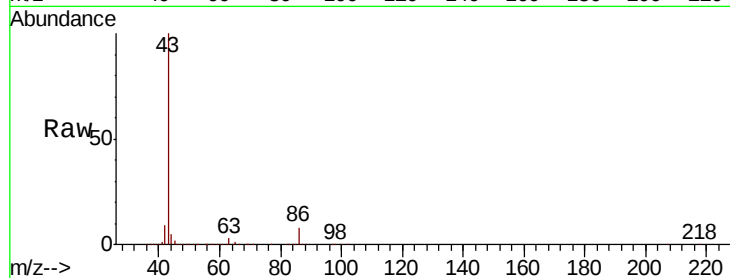
VSTDCCC050

Tgt Ion: 43 Resp: 1595288

Ion Ratio Lower Upper

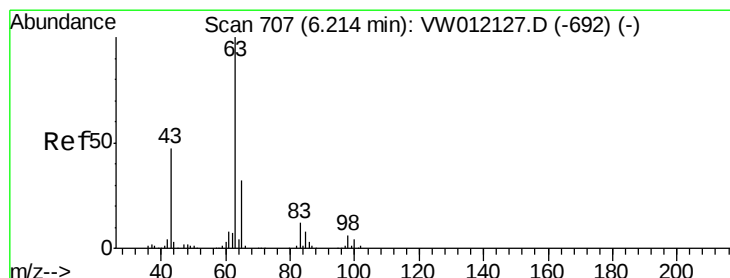
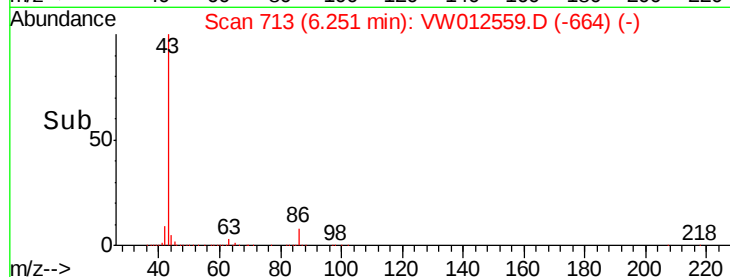
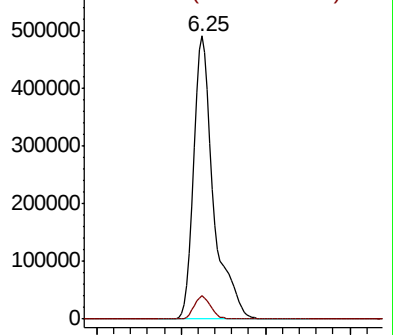
43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 56.041 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

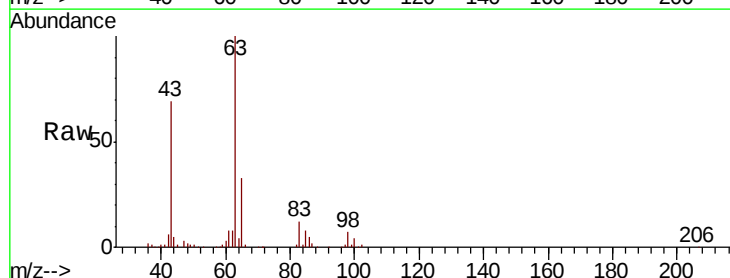
Tgt Ion: 63 Resp: 261488

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

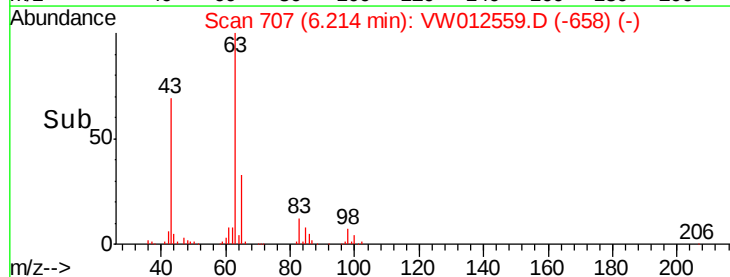
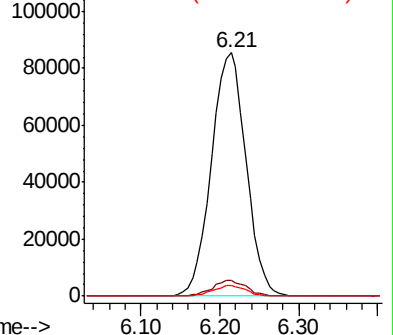
100 4.2 2.0 6.0

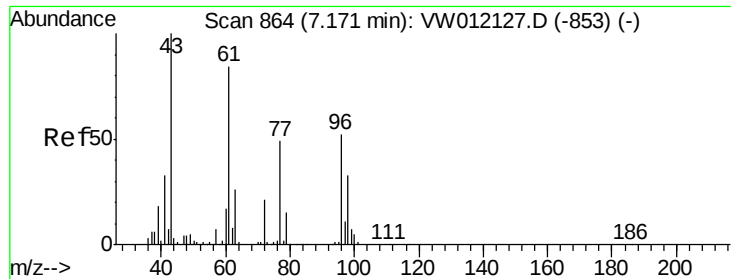


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 284.274 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

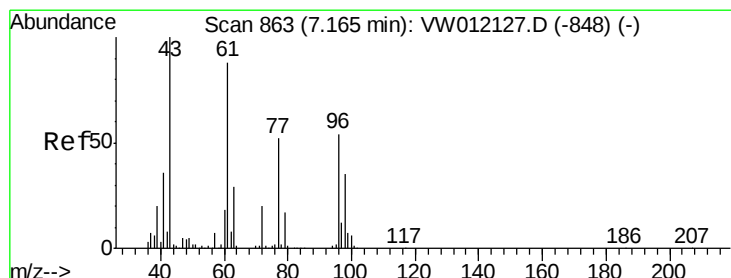
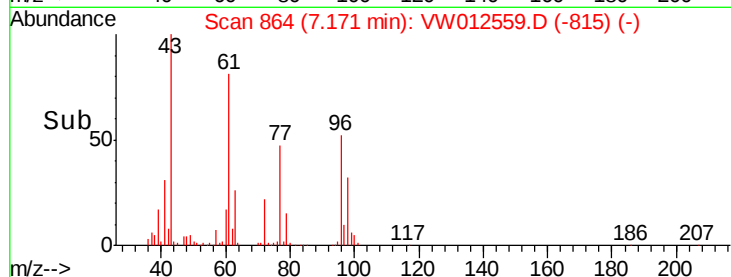
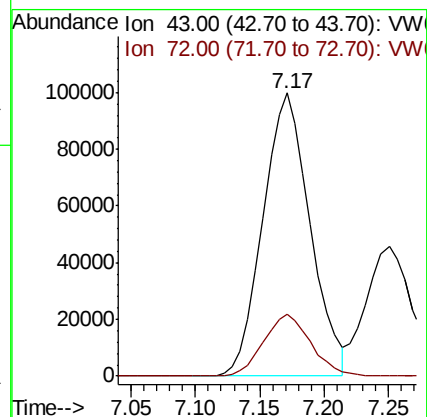
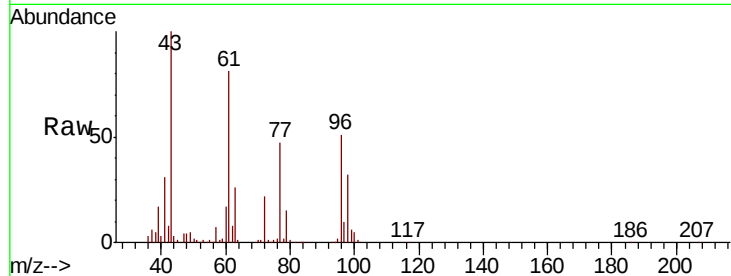
VSTDCCC050

Tgt Ion: 43 Resp: 253080

Ion Ratio Lower Upper

43 100

72 21.7 16.6 24.8



#26

2,2-Dichloropropane

Concen: 55.200 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012559.D

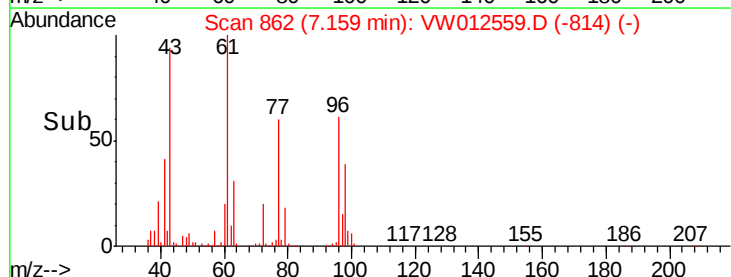
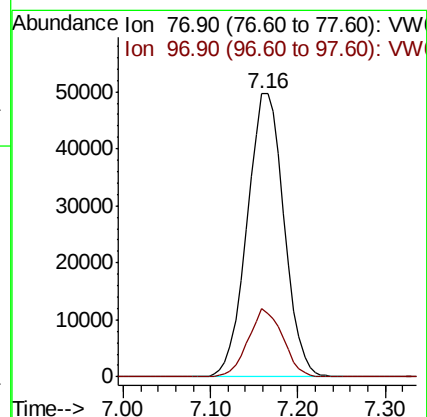
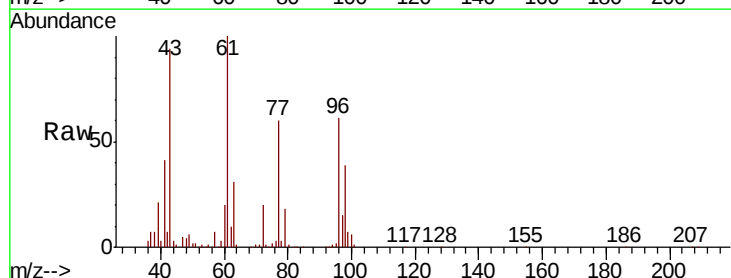
Acq: 03 Sep 2019 21:30

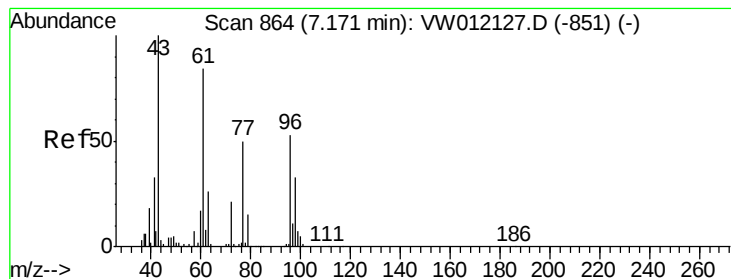
Tgt Ion: 77 Resp: 145785

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1



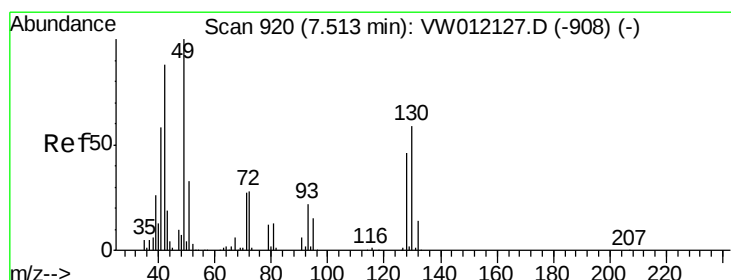
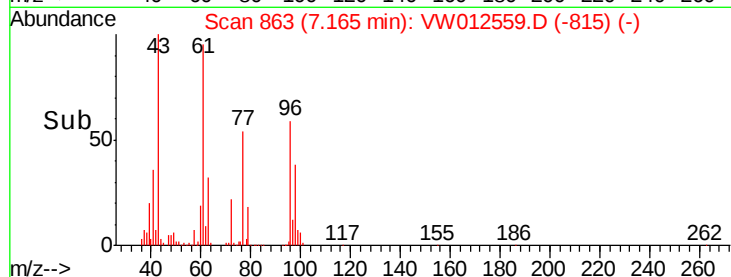
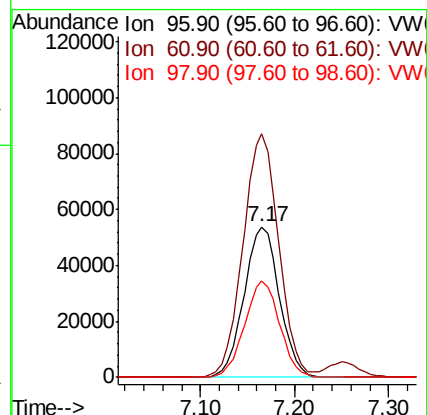
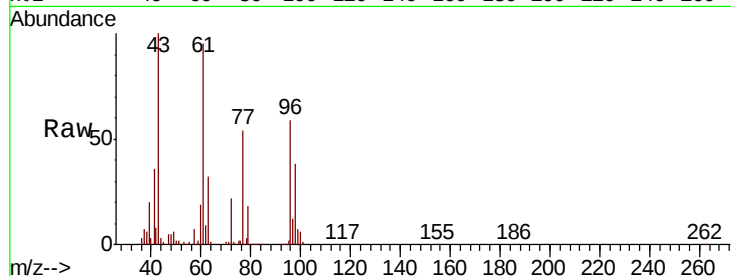


#27

cis-1,2-Dichloroethene
 Concen: 57.160 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

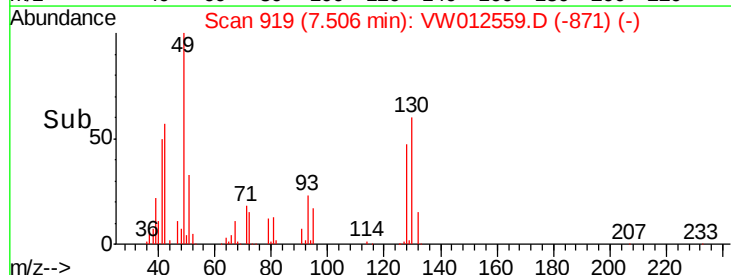
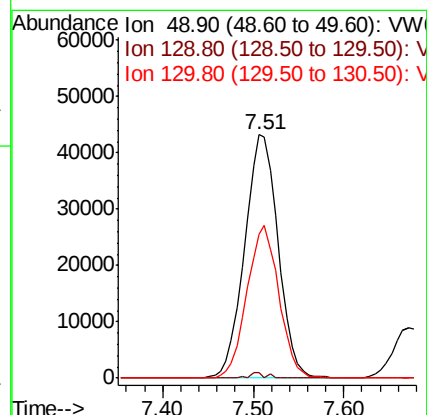
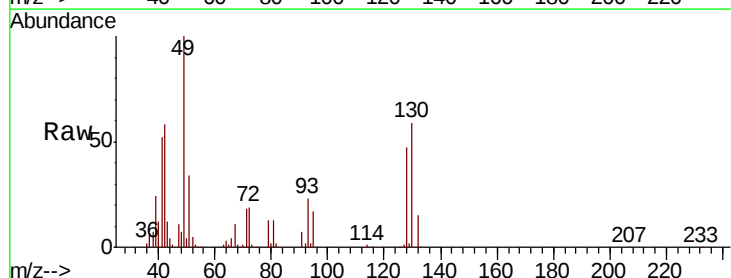
Tgt Ion: 96 Resp: 141624
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 326.6
 98 63.5 0.0 127.4

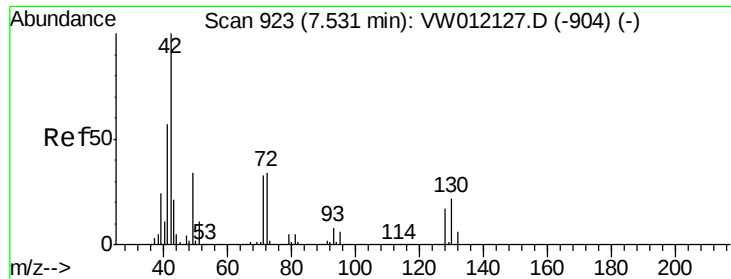


#28

Bromochloromethane
 Concen: 54.268 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 49 Resp: 110364
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.4
 130 59.9 45.5 68.3

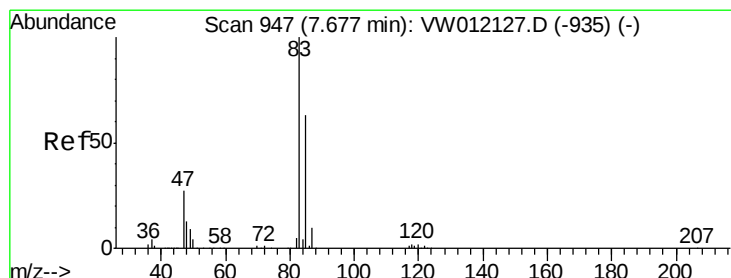
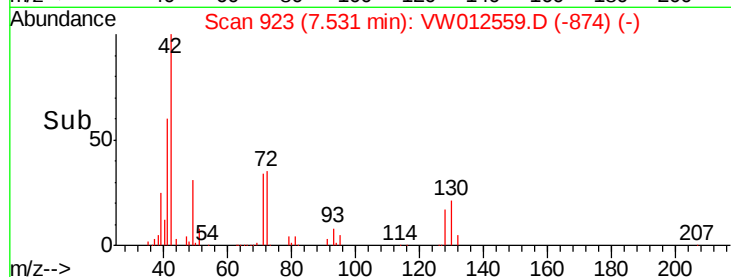
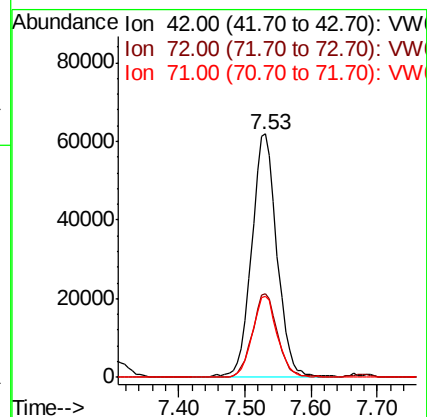
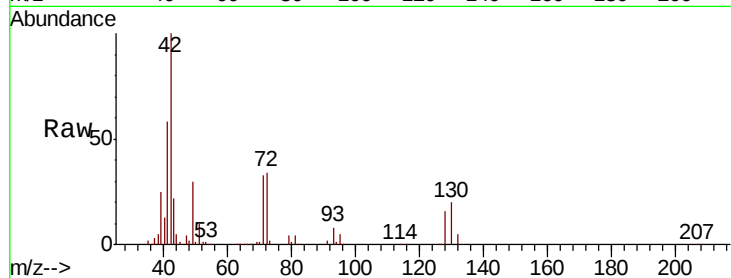




#29
Tetrahydrofuran
Concen: 307.985 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

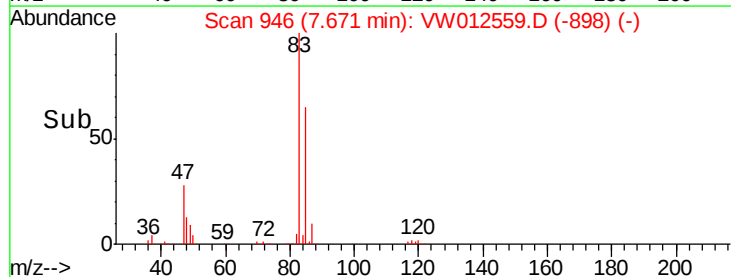
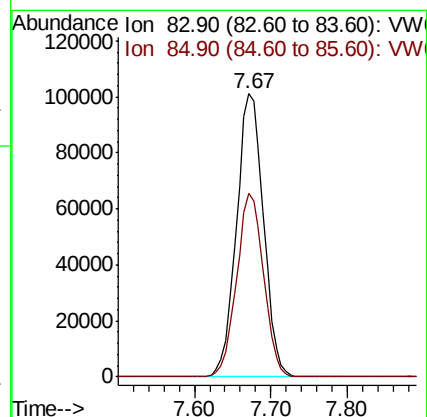
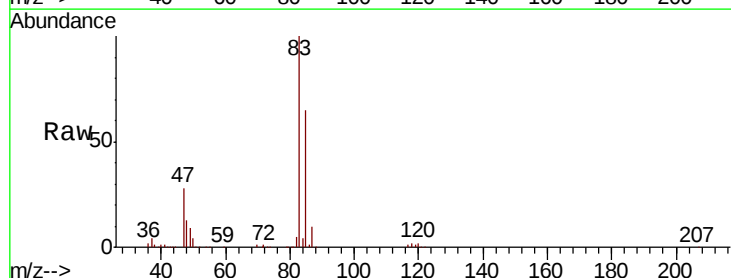
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

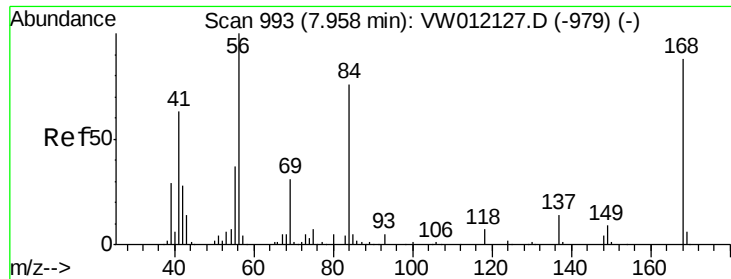
Tgt Ion: 42 Resp: 164502
Ion Ratio Lower Upper
42 100
72 34.2 27.3 40.9
71 33.0 25.5 38.3



#30
Chloroform
Concen: 57.798 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 83 Resp: 246734
Ion Ratio Lower Upper
83 100
85 64.7 50.6 76.0

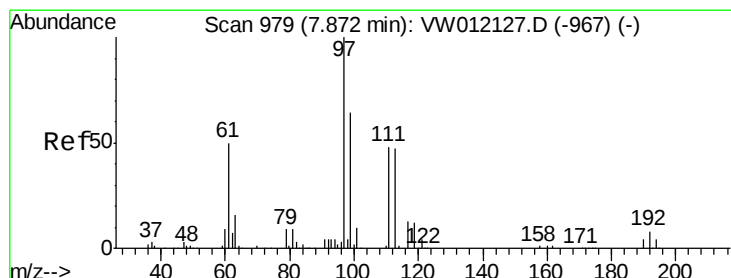
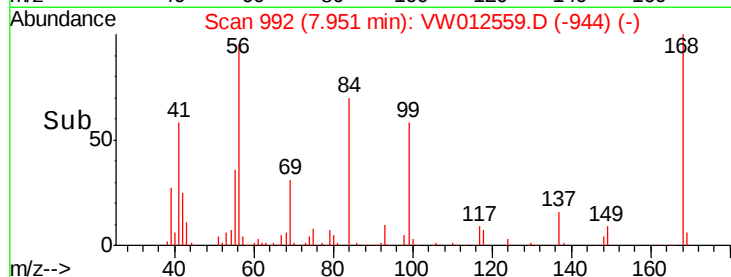
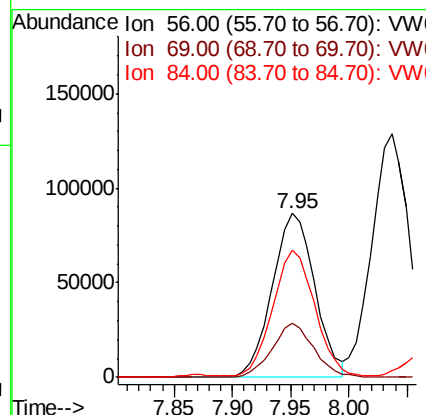
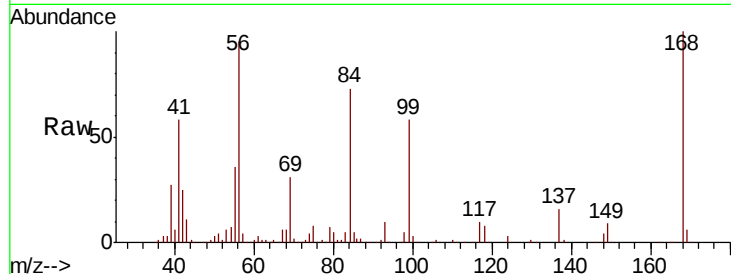




#31
Cyclohexane
Concen: 47.572 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

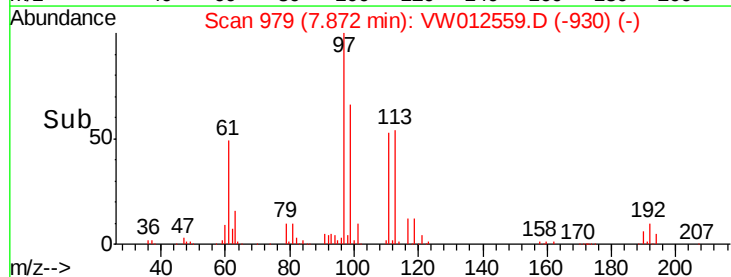
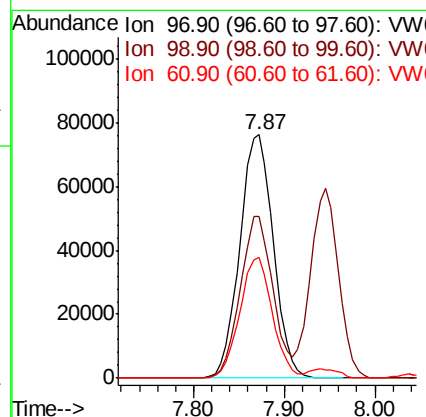
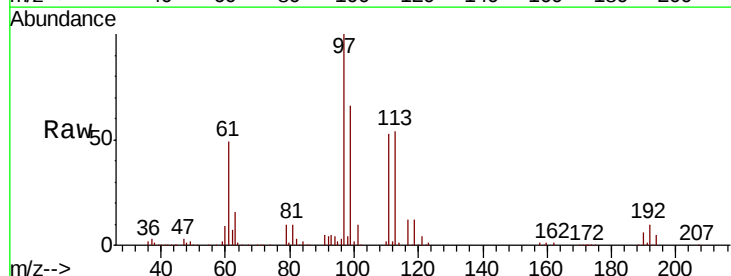
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

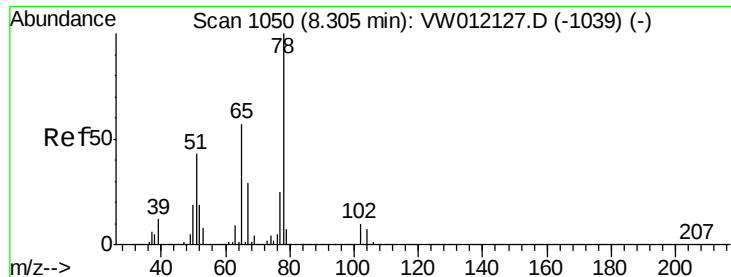
Tgt Ion: 56 Resp: 219612
Ion Ratio Lower Upper
56 100
69 33.0 24.9 37.3
84 75.5 60.6 90.8



#32
1,1,1-Trichloroethane
Concen: 57.960 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 97 Resp: 195735
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 48.4 39.5 59.3

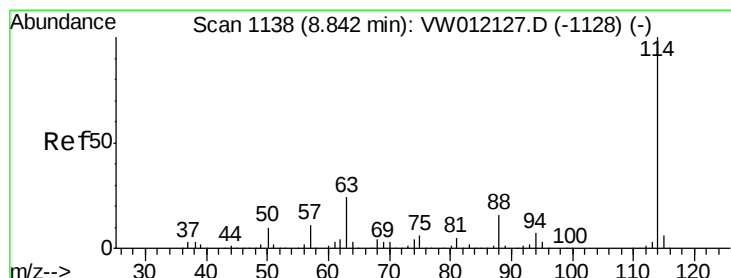
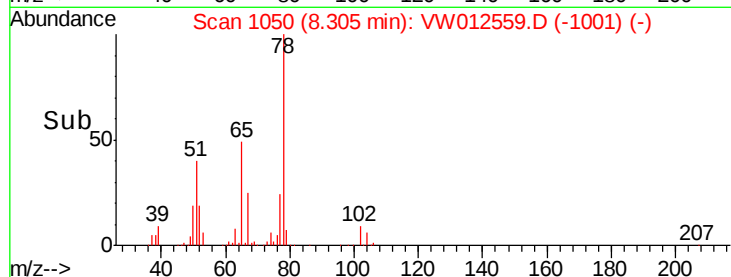
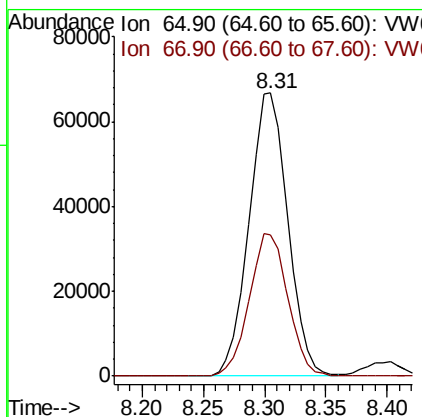
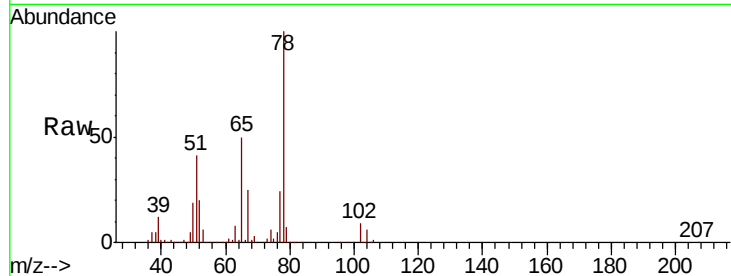




#33
 1,2-Dichloroethane-d4
 Concen: 57.483 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

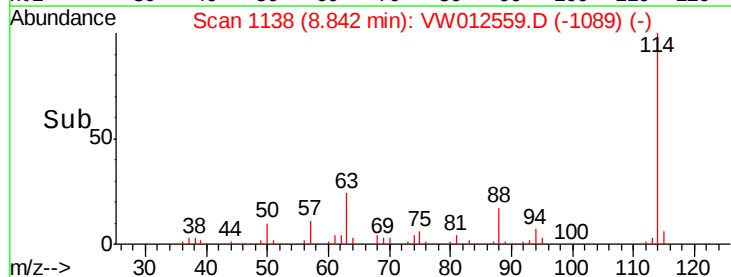
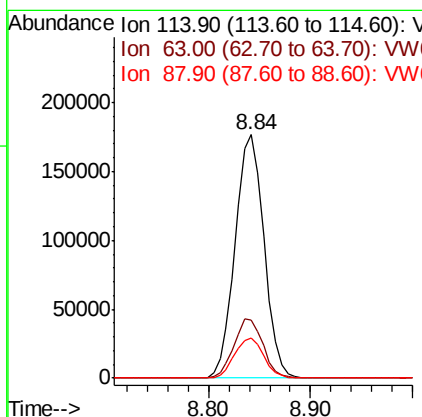
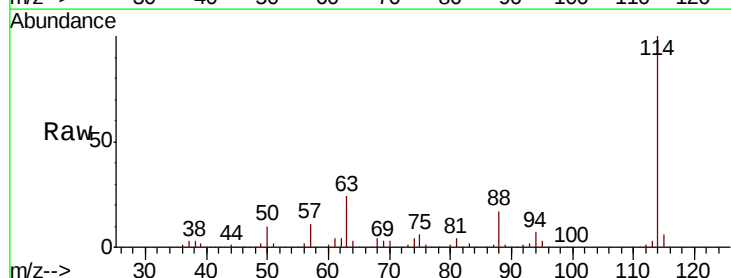
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 147326
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 114 Resp: 345714
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.5 0.0 32.2

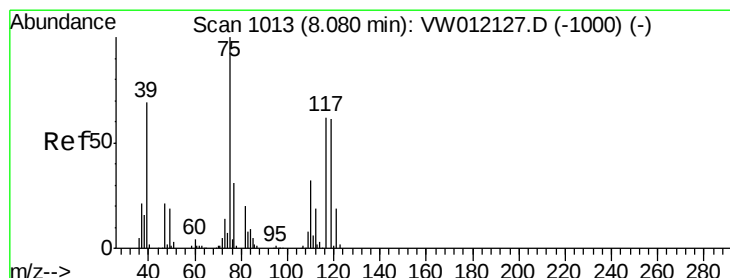
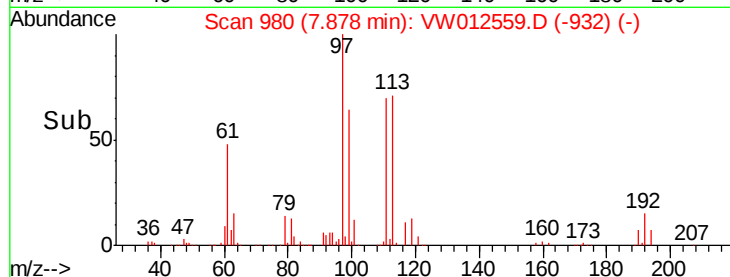
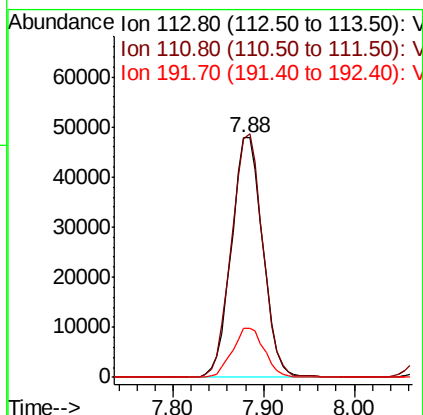
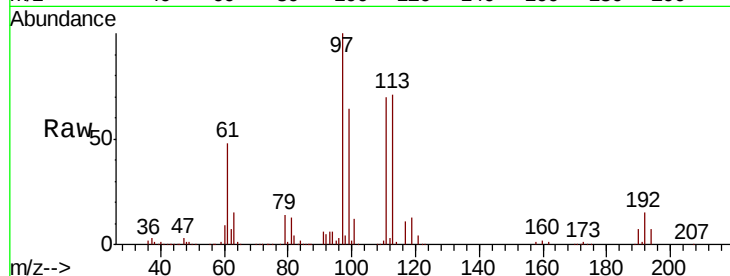




#35
 Dibromofluoromethane
 Concen: 55.553 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

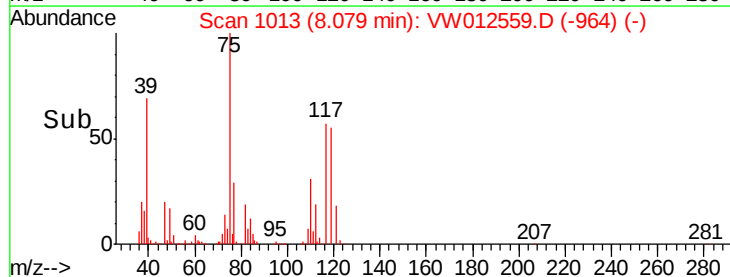
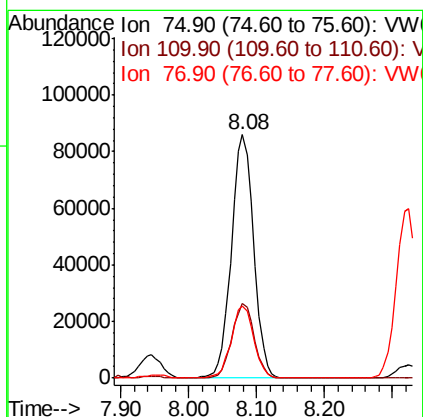
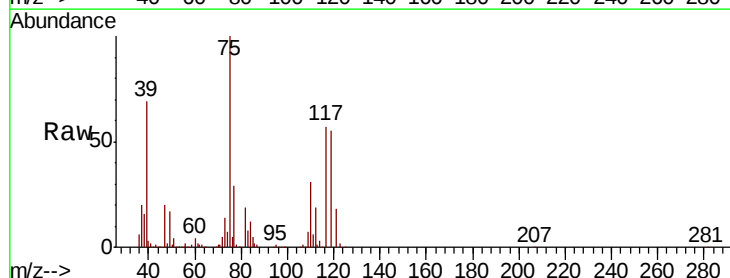
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

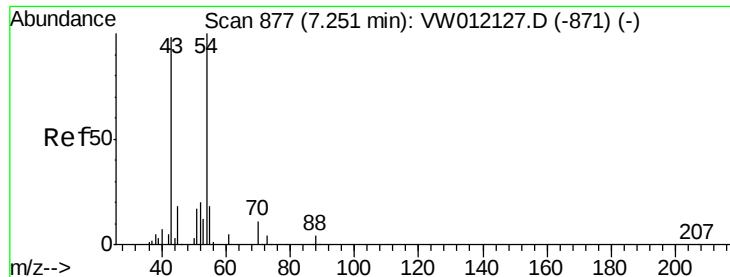
Tgt Ion: 113 Resp: 114637
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.7 124.1
 192 21.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 54.721 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 75 Resp: 195493
 Ion Ratio Lower Upper
 75 100
 110 30.6 15.6 46.8
 77 29.9 24.6 36.8

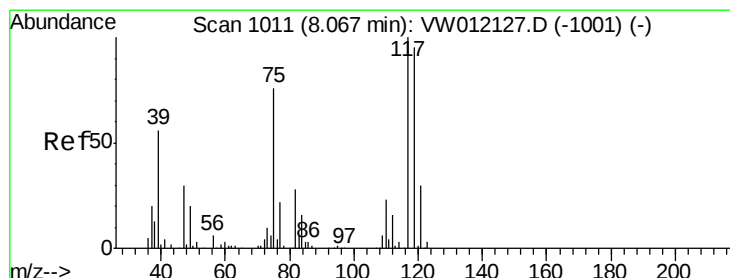
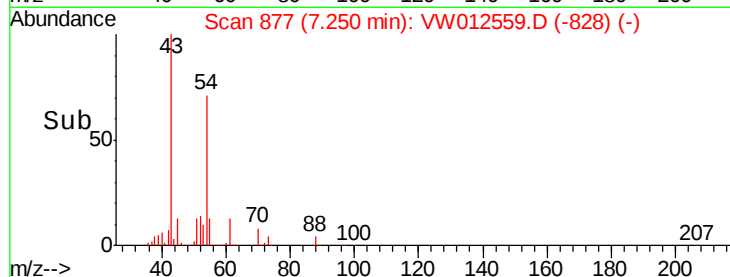
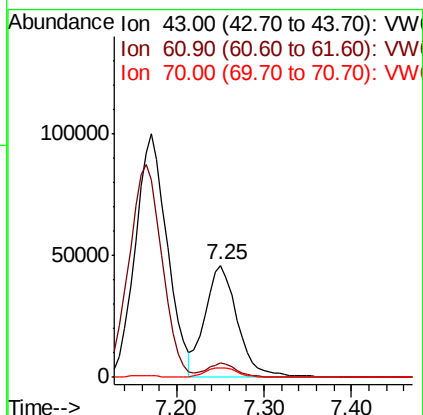
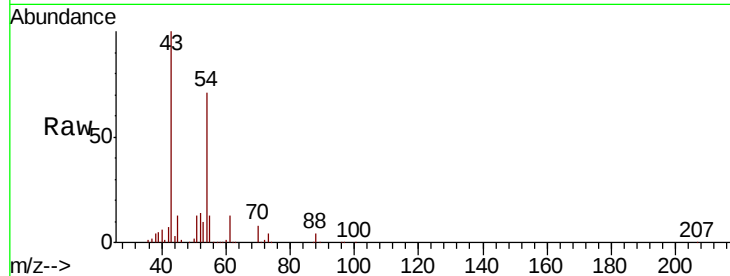




#37
Ethyl Acetate
Concen: 59.930 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

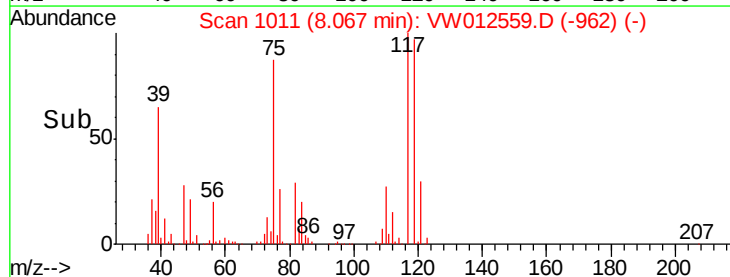
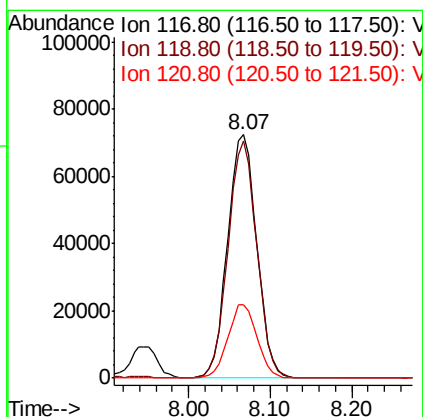
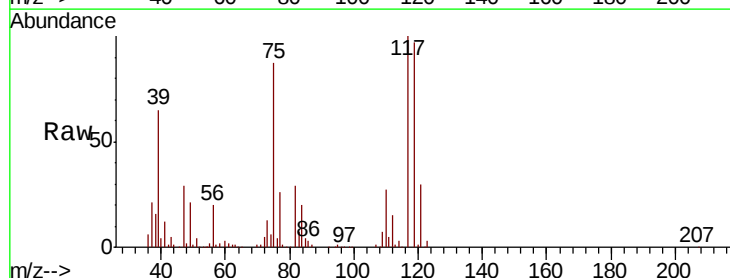
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

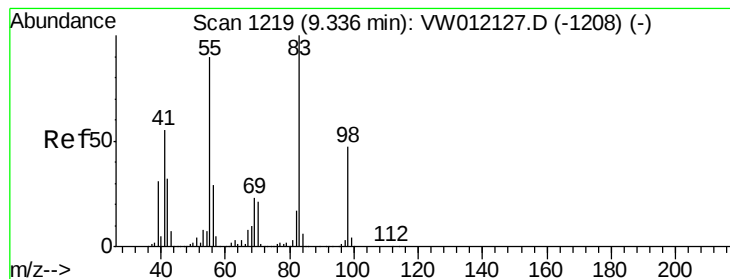
Tgt Ion: 43 Resp: 117326
Ion Ratio Lower Upper
43 100
61 11.6 9.2 13.8
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 57.692 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 117 Resp: 178392
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2
121 30.3 23.8 35.8





#39

Methylcyclohexane

Concen: 52.167 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

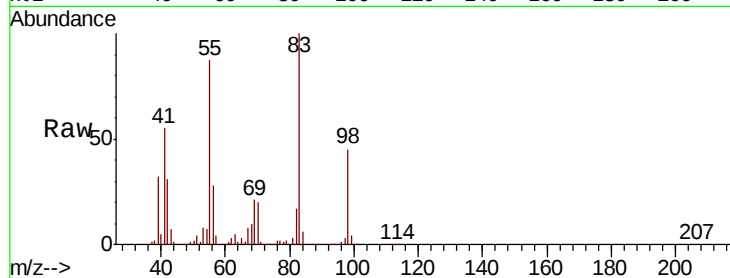
Tgt Ion: 83 Resp: 209371

Ion Ratio Lower Upper

83 100

55 86.6 71.8 107.8

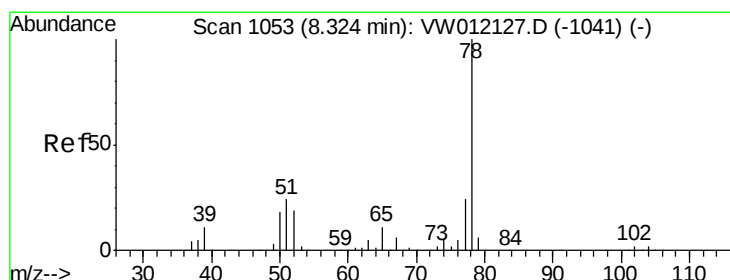
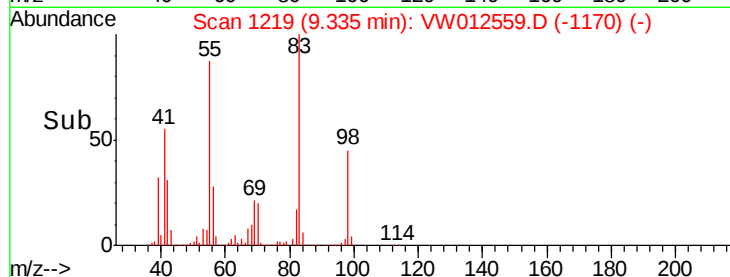
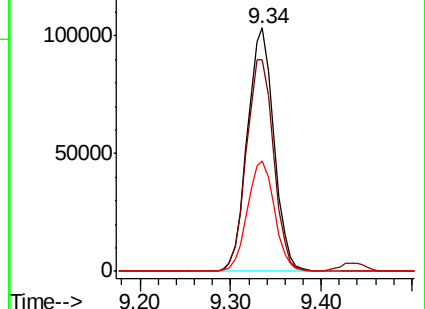
98 45.3 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 54.980 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW012559.D

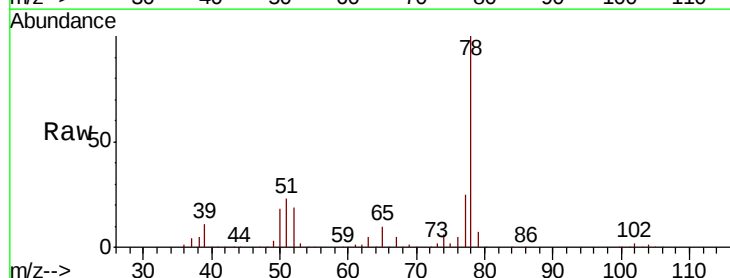
Acq: 03 Sep 2019 21:30

Tgt Ion: 78 Resp: 536339

Ion Ratio Lower Upper

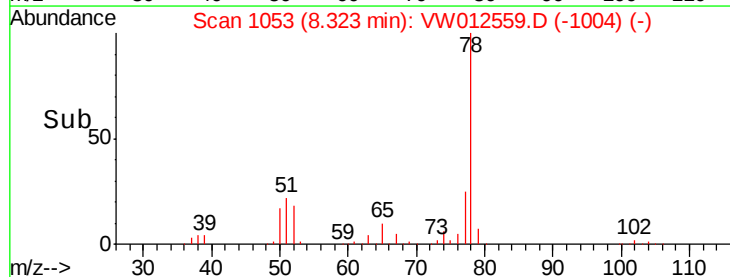
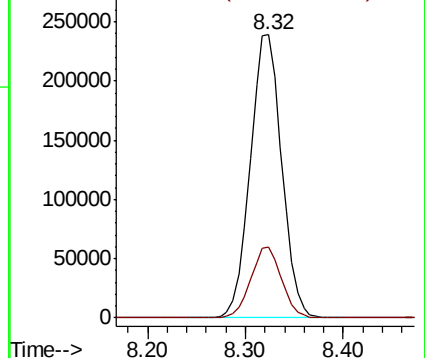
78 100

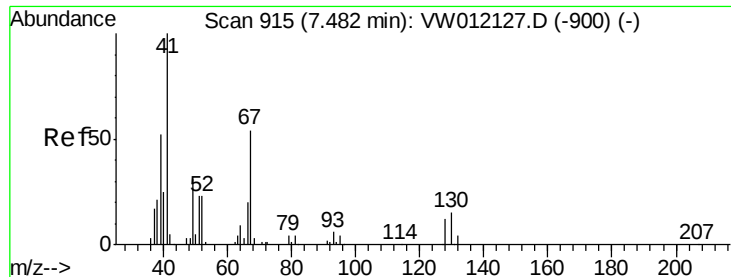
77 24.9 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 61.173 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 41 Resp: 70387

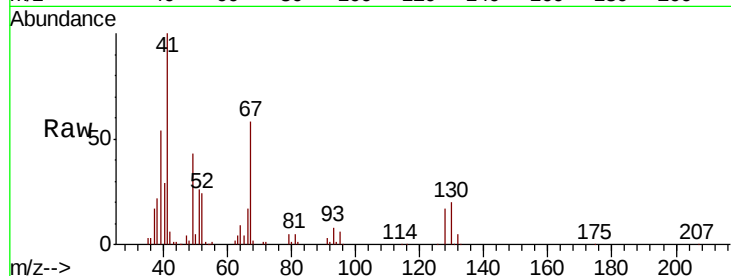
Ion Ratio Lower Upper

41 100

39 59.9 45.8 68.8

67 58.3 46.2 69.4

52 26.9 21.0 31.6

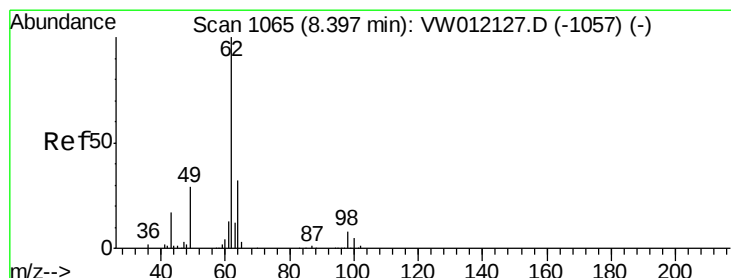
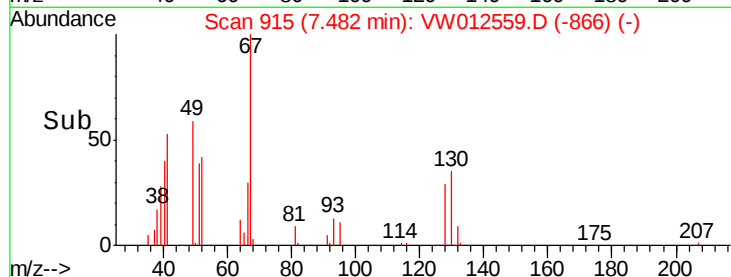
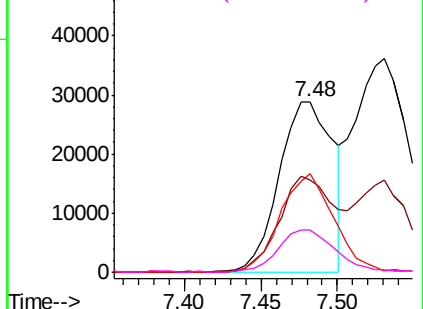


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 61.047 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012559.D

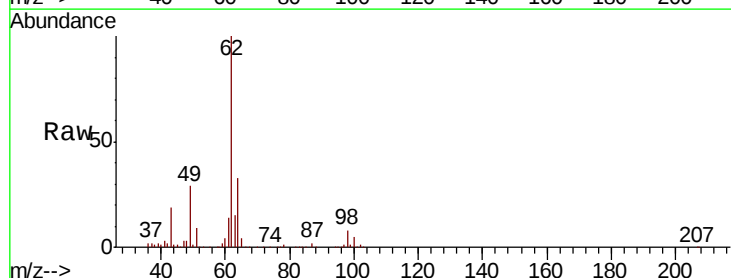
Acq: 03 Sep 2019 21:30

Tgt Ion: 62 Resp: 186641

Ion Ratio Lower Upper

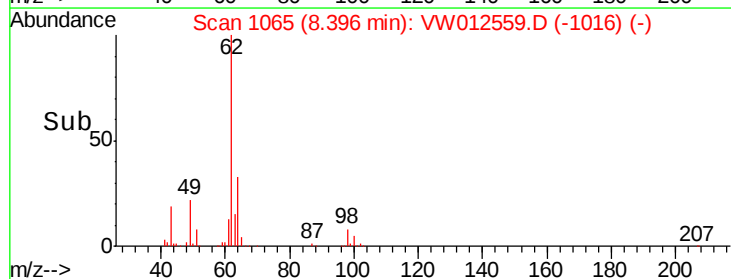
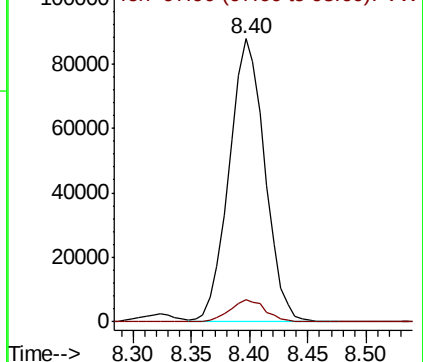
62 100

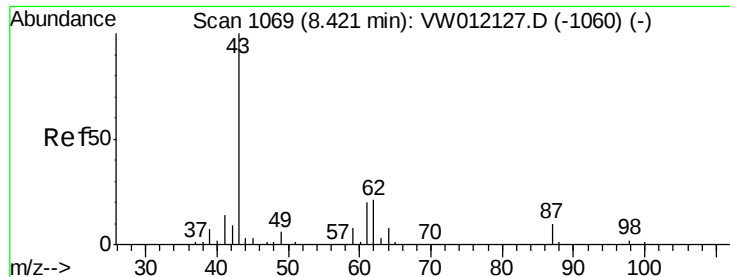
98 7.9 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 60.843 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

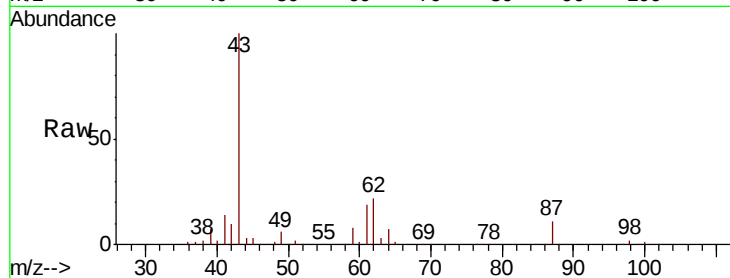
Tgt Ion: 43 Resp: 220635

Ion Ratio Lower Upper

43 100

61 25.7 21.1 31.7

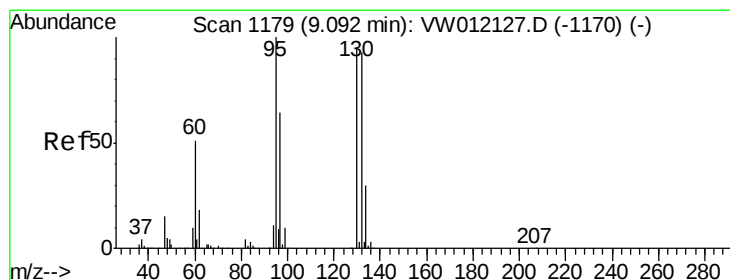
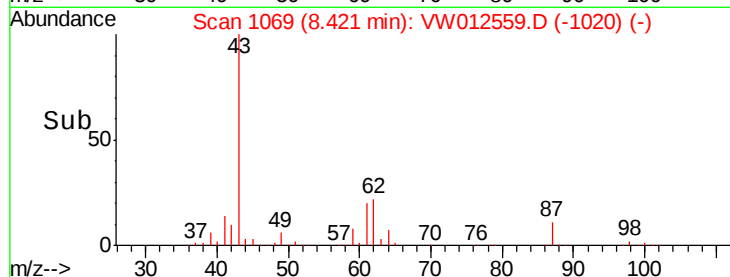
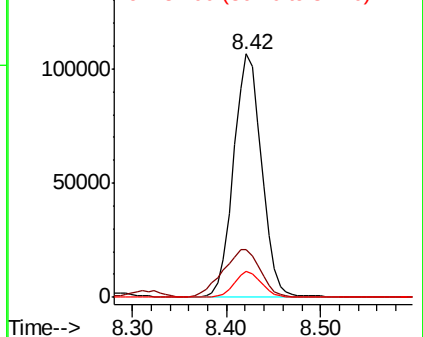
87 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 55.879 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012559.D

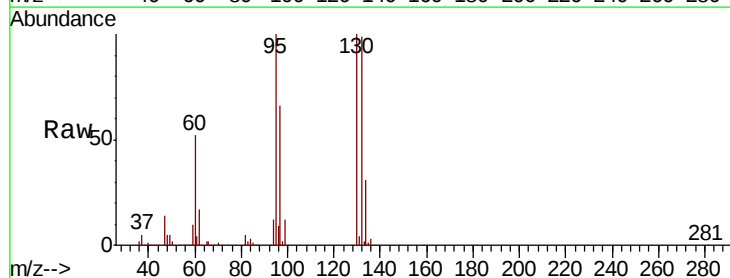
Acq: 03 Sep 2019 21:30

Tgt Ion: 130 Resp: 132513

Ion Ratio Lower Upper

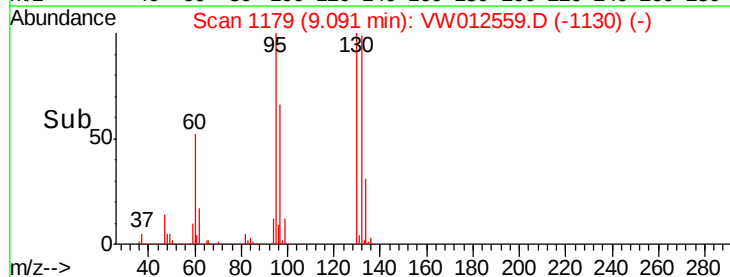
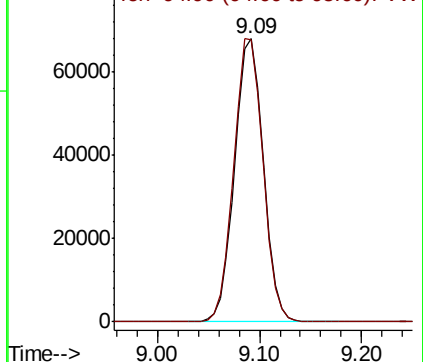
130 100

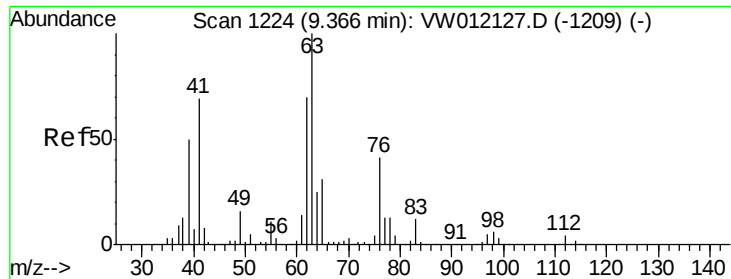
95 99.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

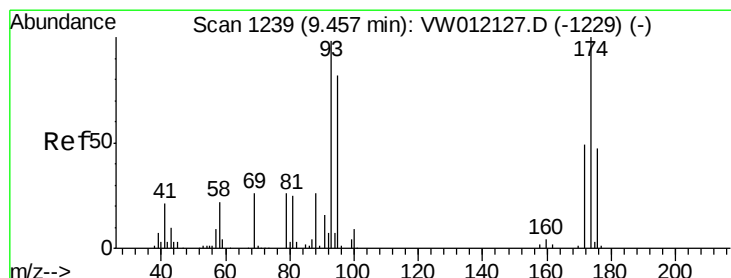
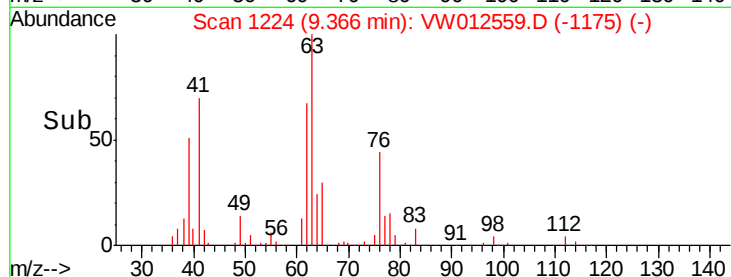
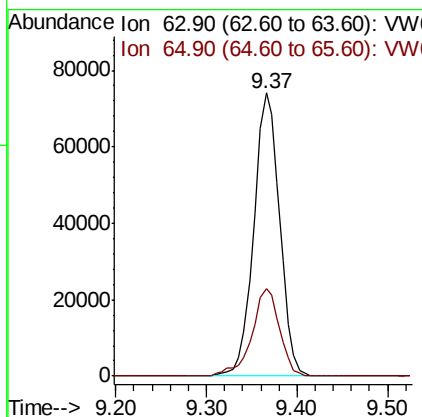
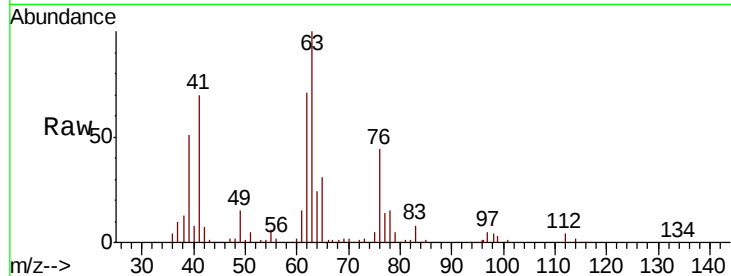




#45
 1,2-Dichloropropane
 Concen: 55.511 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

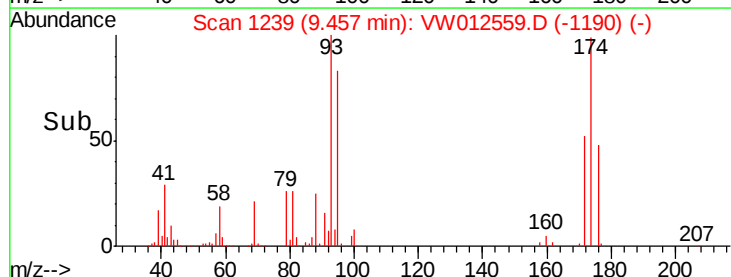
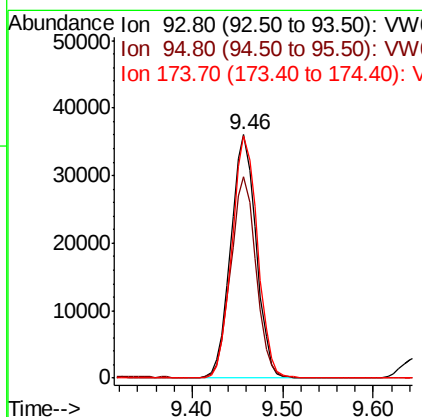
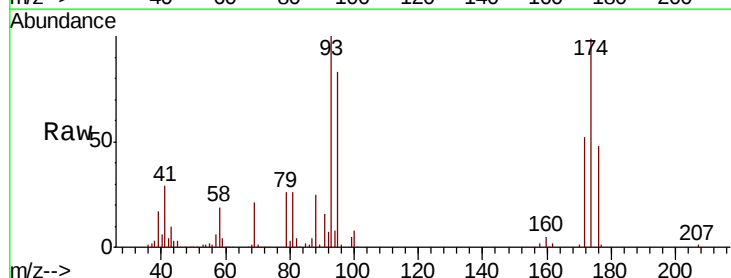
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 145739
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 60.088 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 93 Resp: 70190
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.2 100.8
 174 100.3 79.0 118.6





#47

Bromodichloromethane

Concen: 60.397 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

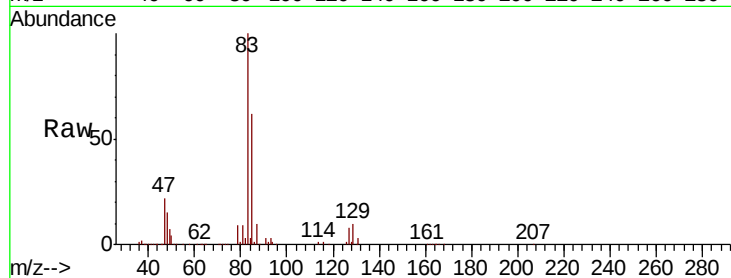
Tgt Ion: 83 Resp: 187765

Ion Ratio Lower Upper

83 100

85 62.2 49.4 74.2

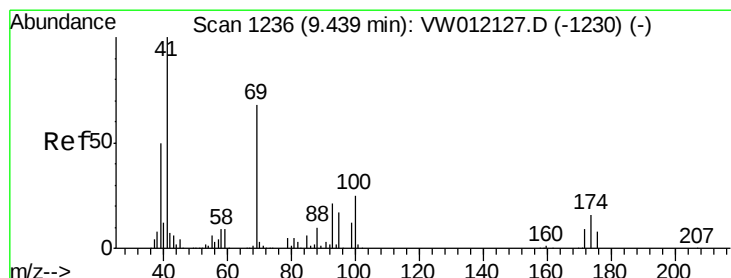
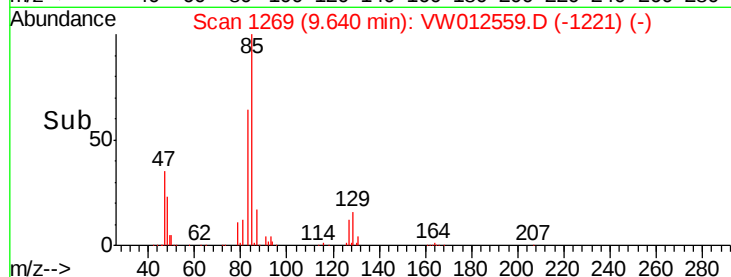
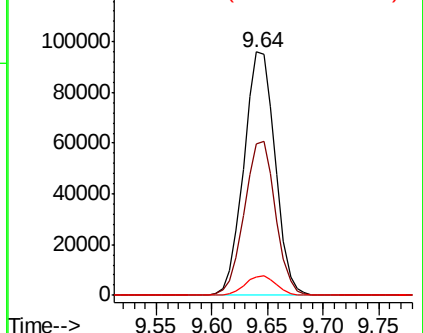
127 7.7 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 61.582 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

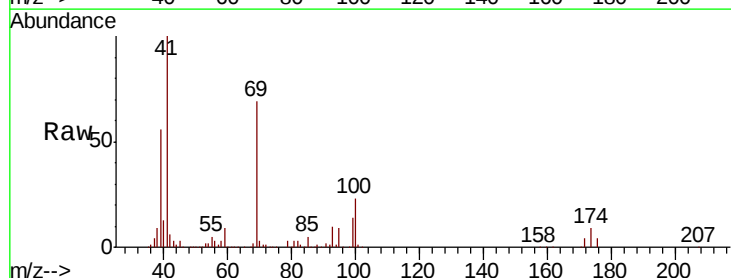
Tgt Ion: 41 Resp: 106286

Ion Ratio Lower Upper

41 100

69 72.3 56.7 85.1

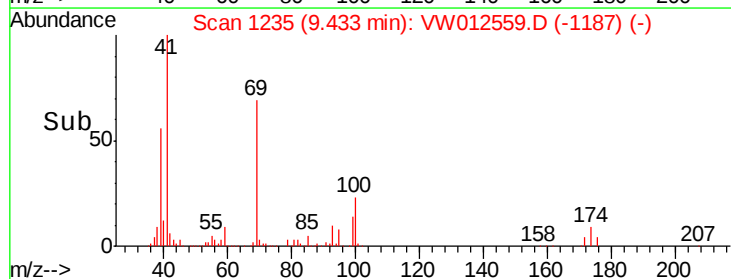
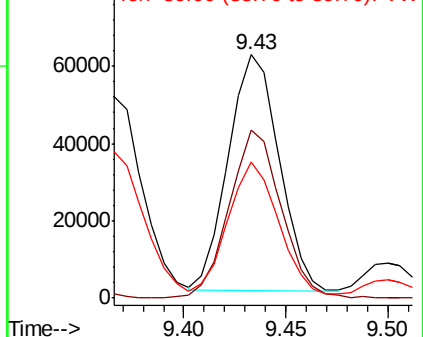
39 58.7 42.0 63.0

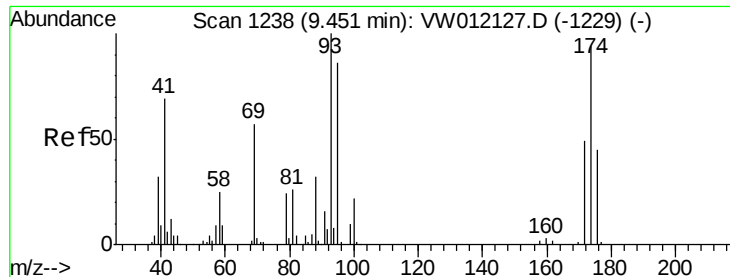


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1226.282 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

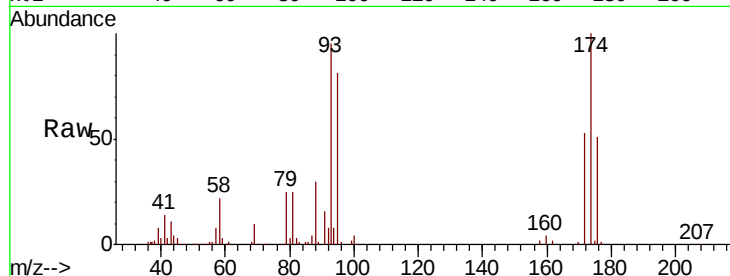
Tgt Ion: 88 Resp: 21929

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 82.3 71.0 106.4

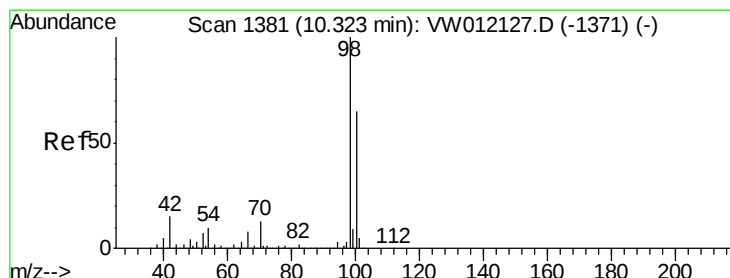
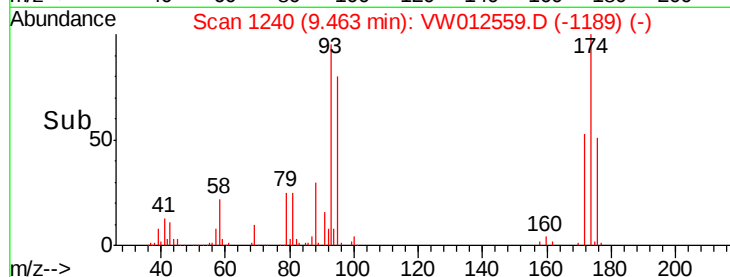
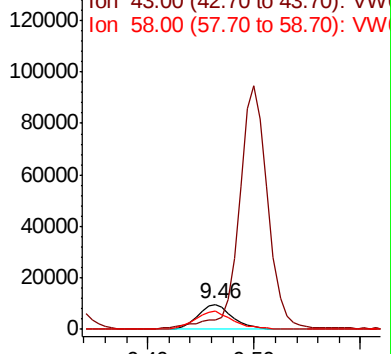


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.553 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012559.D

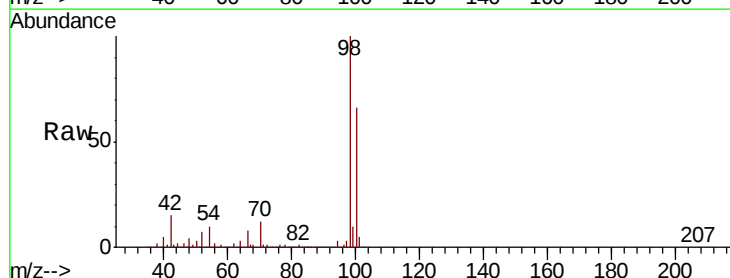
Acq: 03 Sep 2019 21:30

Tgt Ion: 98 Resp: 439722

Ion Ratio Lower Upper

98 100

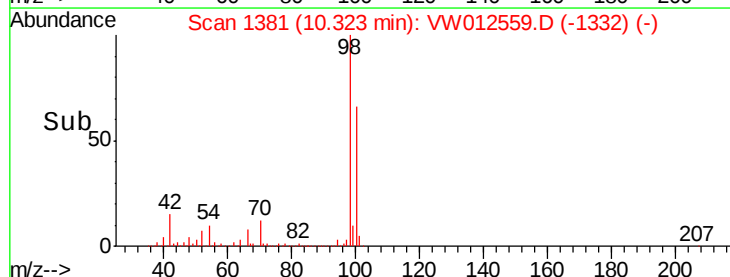
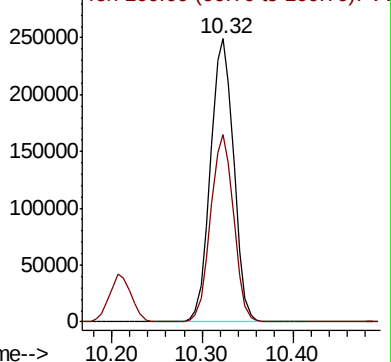
100 65.9 52.4 78.6

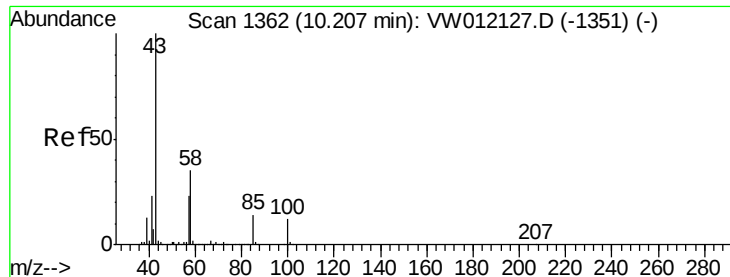


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

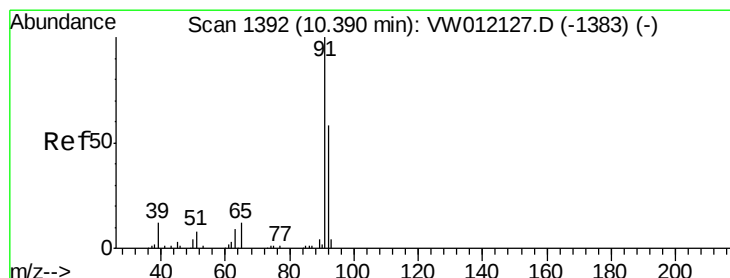
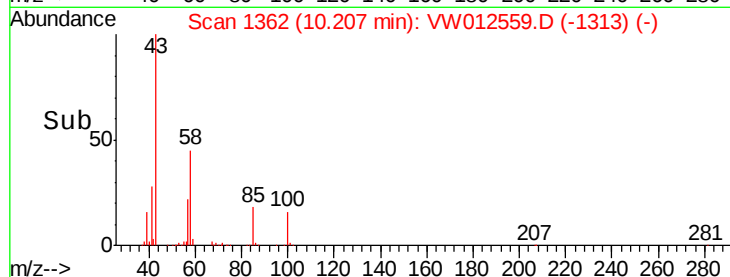
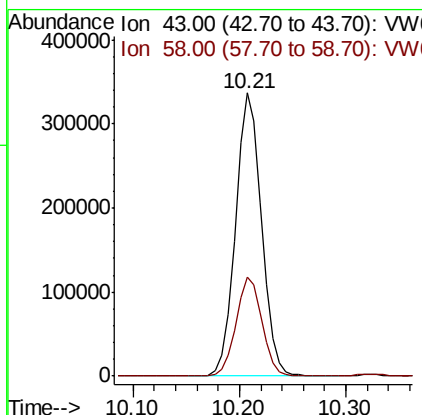
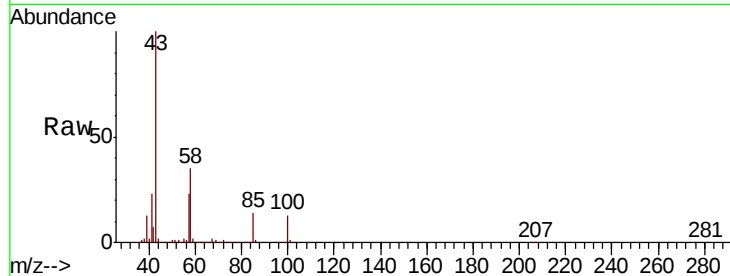




#51
 4-Methyl-2-Pentanone
 Concen: 311.566 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

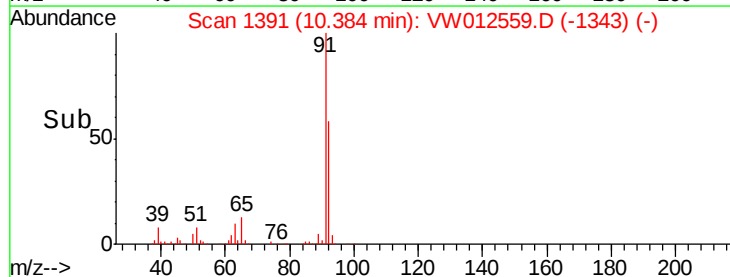
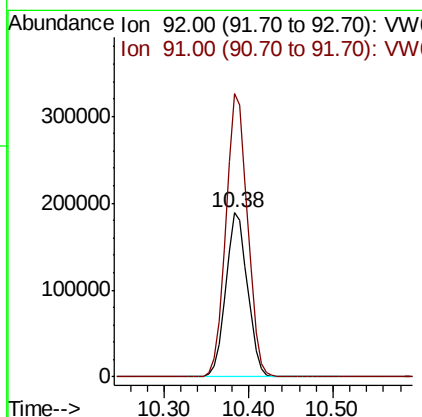
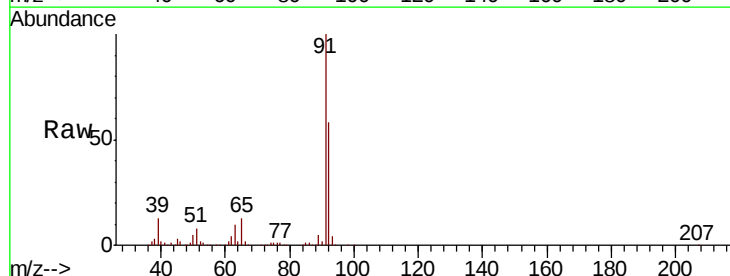
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

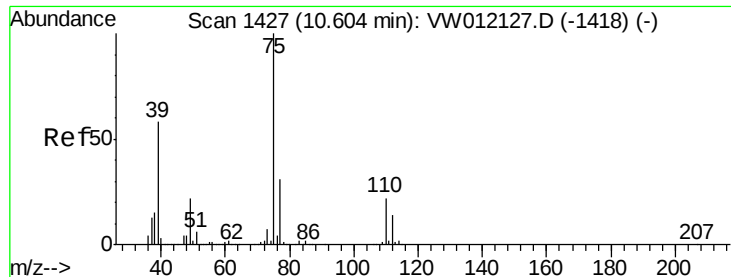
Tgt Ion: 43 Resp: 574665
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.2 42.2



#52
 Toluene
 Concen: 56.190 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 92 Resp: 329292
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 60.869 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

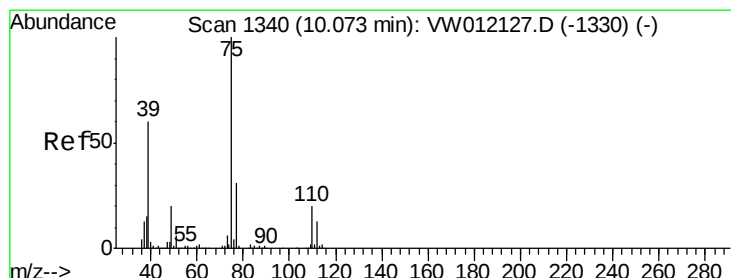
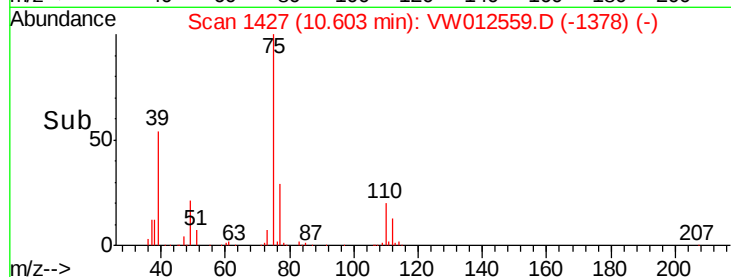
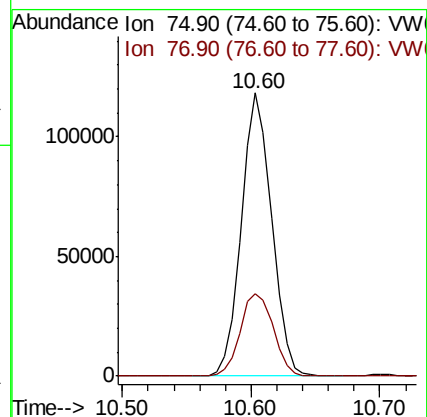
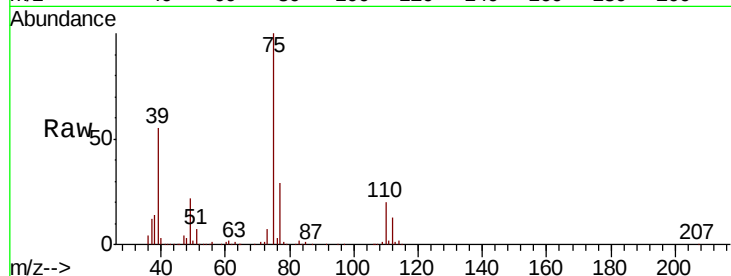
VSTDCCC050

Tgt Ion: 75 Resp: 192757

Ion Ratio Lower Upper

75 100

77 29.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 58.238 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

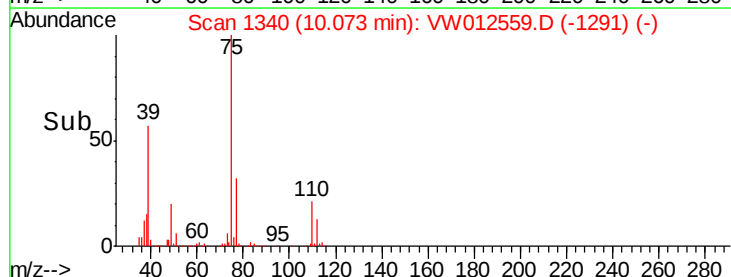
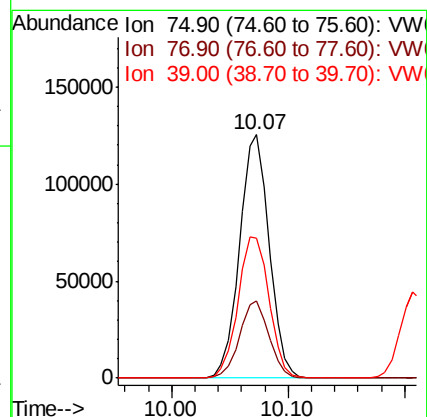
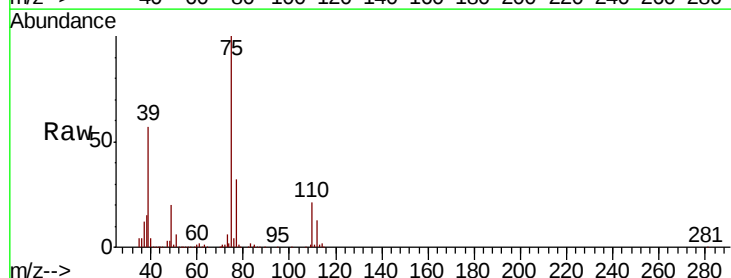
Tgt Ion: 75 Resp: 222685

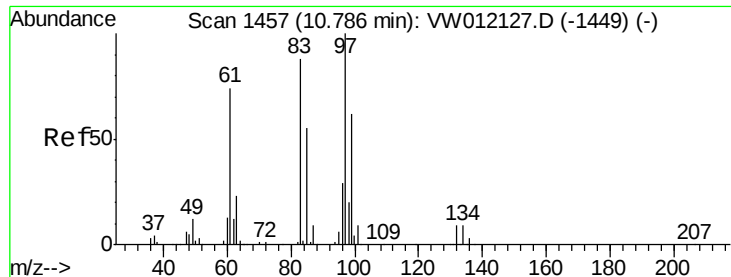
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 57.3 48.3 72.5

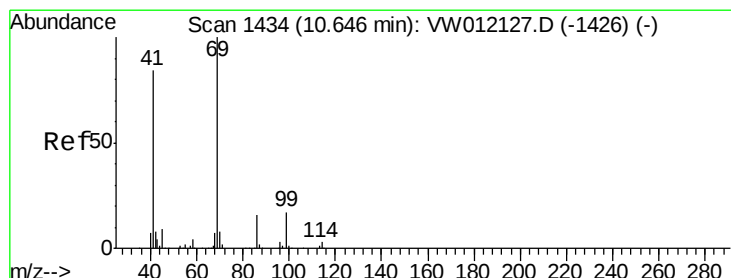
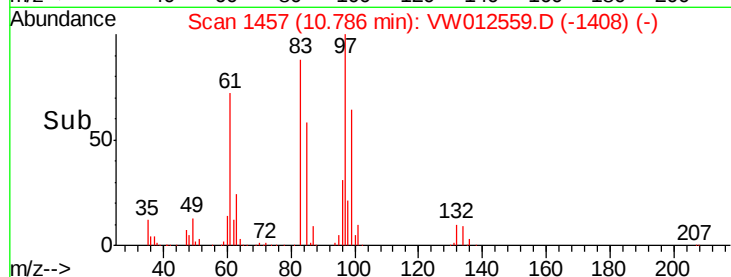
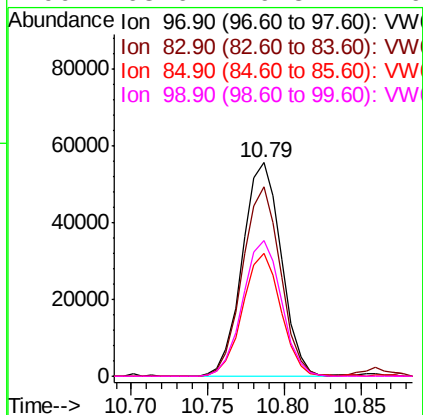
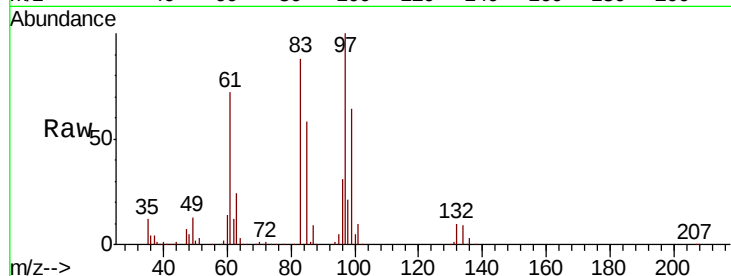




#55
 1,1,2-Trichloroethane
 Concen: 59.820 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

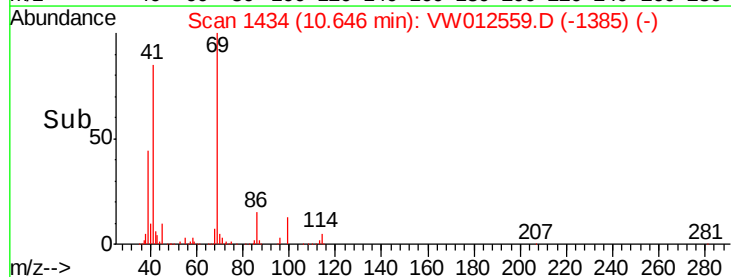
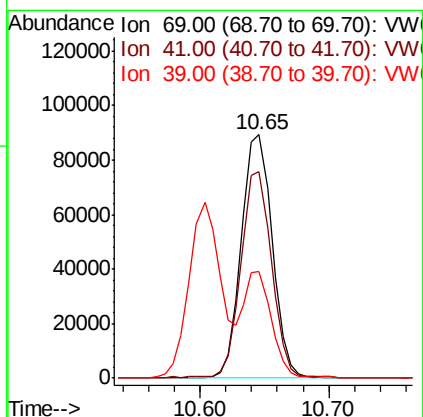
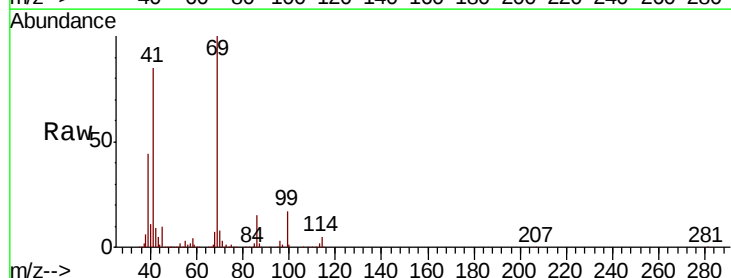
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

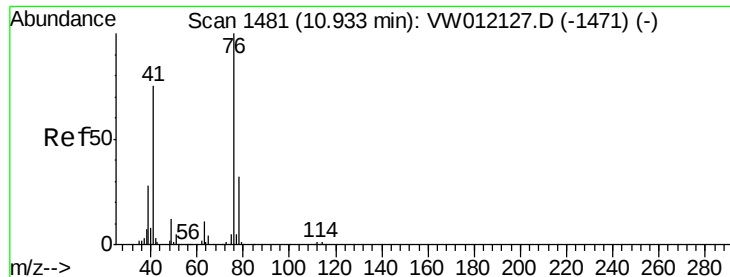
Tgt Ion:	97	Resp:	98866
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.8	106.2
85	57.8	43.8	65.8
99	63.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 61.697 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion:	69	Resp:	148407
Ion	Ratio	Lower	Upper
69	100		
41	83.2	66.5	99.7
39	38.7	31.0	46.4





#57

1,3-Dichloropropane

Concen: 59.716 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

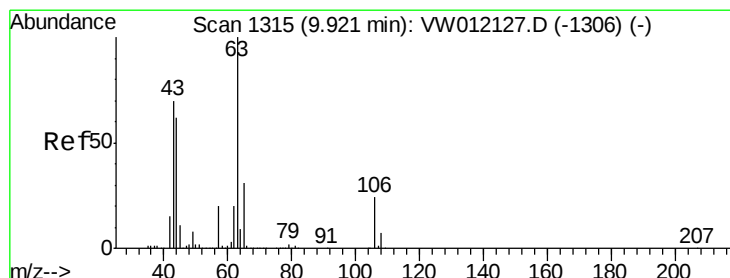
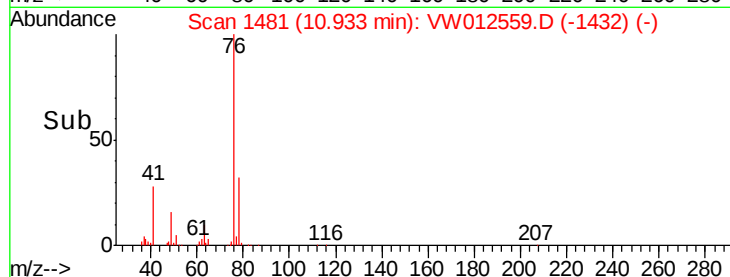
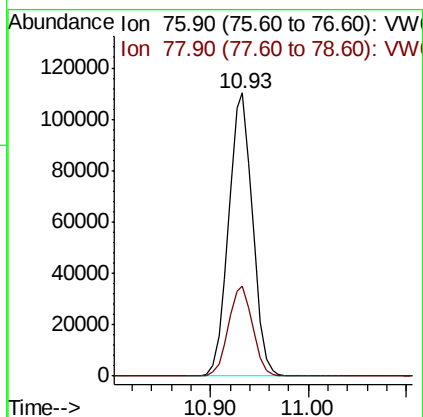
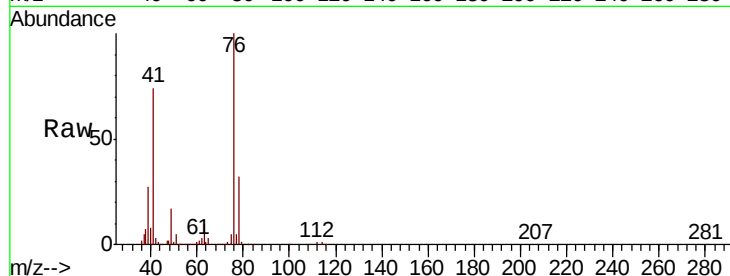
VSTDCCC050

Tgt Ion: 76 Resp: 186507

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 297.994 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012559.D

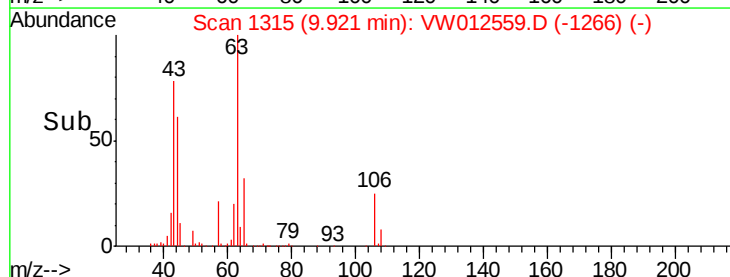
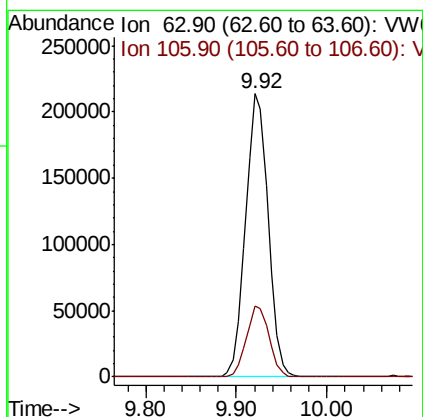
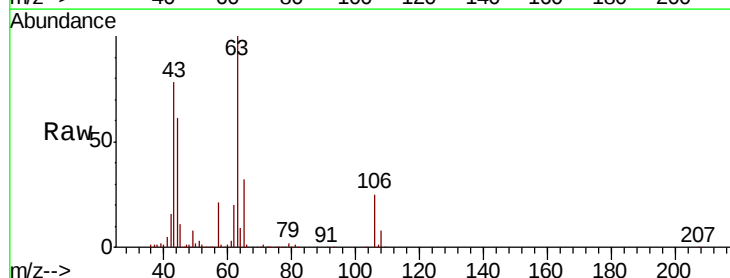
Acq: 03 Sep 2019 21:30

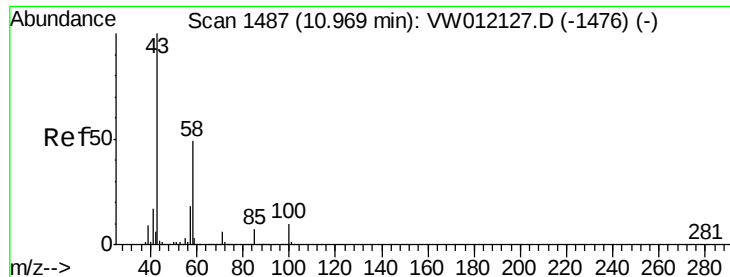
Tgt Ion: 63 Resp: 367875

Ion Ratio Lower Upper

63 100

106 25.2 19.8 29.8

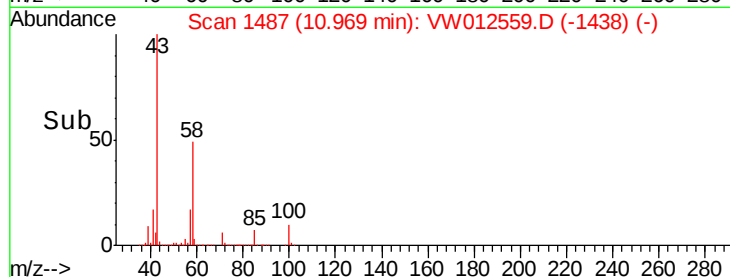
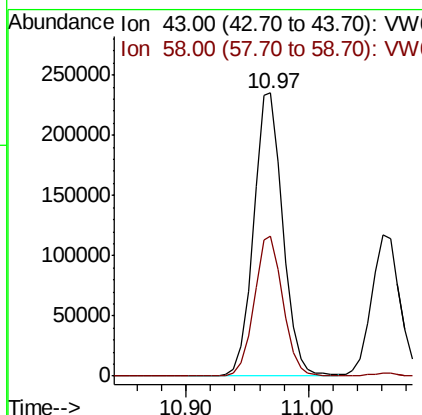
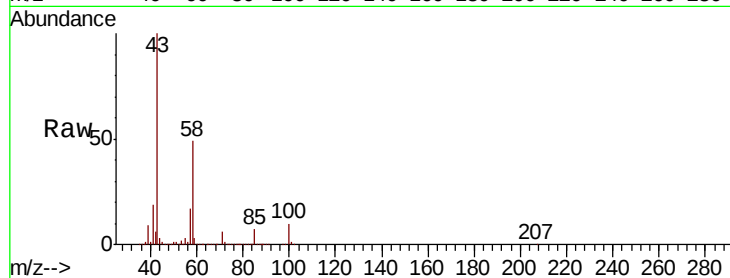




#59
2-Hexanone
Concen: 299.099 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

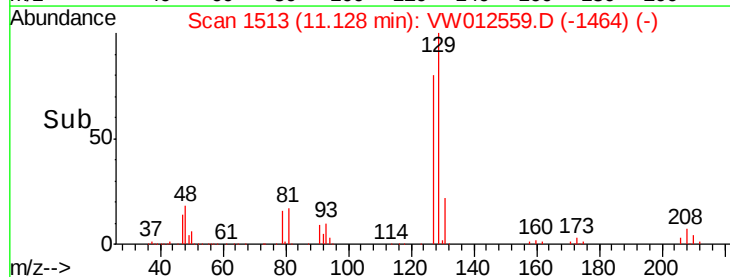
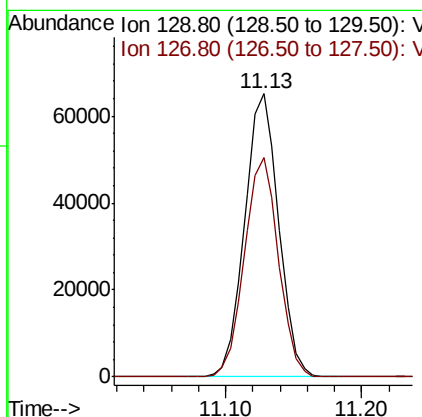
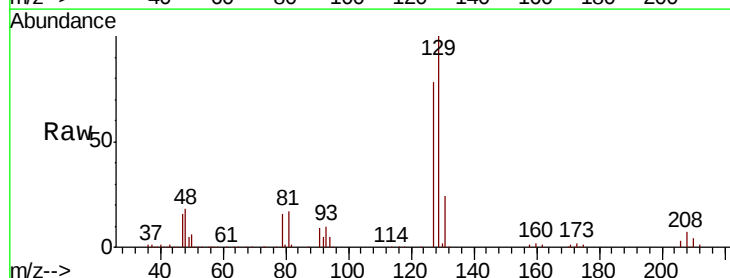
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

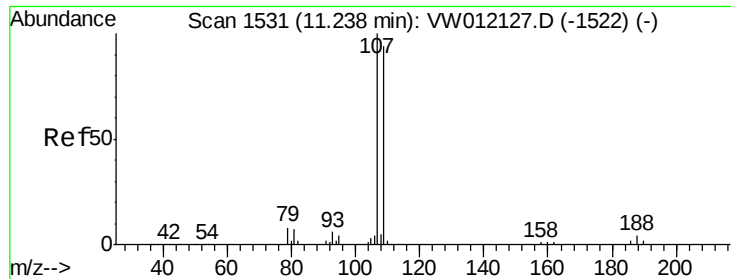
Tgt Ion: 43 Resp: 390343
Ion Ratio Lower Upper
43 100
58 48.9 24.3 72.9



#60
Dibromochloromethane
Concen: 61.909 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 129 Resp: 113965
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

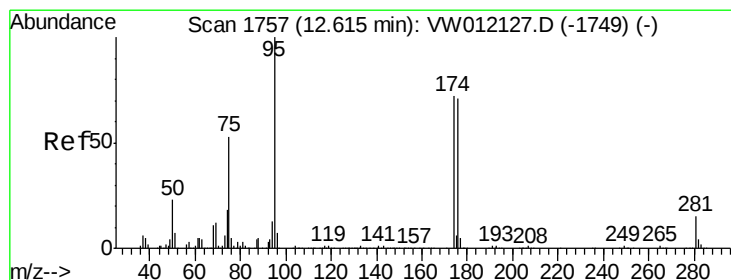
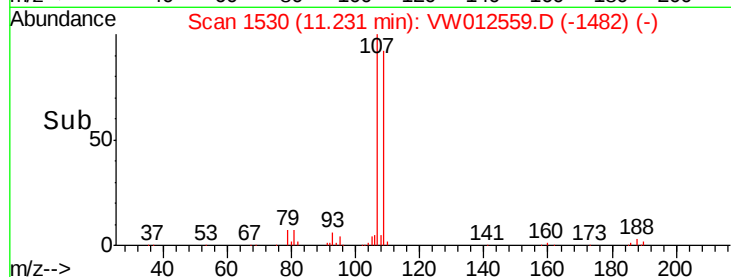
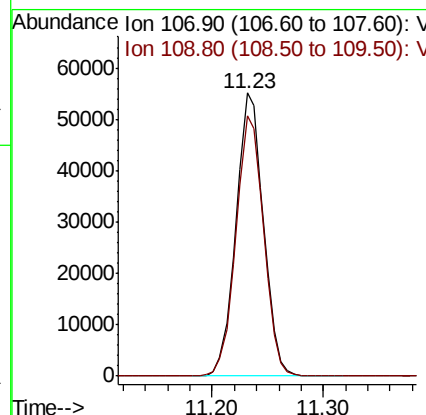
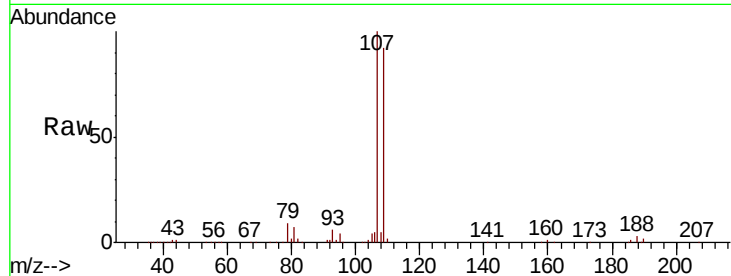




#61
 1,2-Dibromoethane
 Concen: 60.911 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

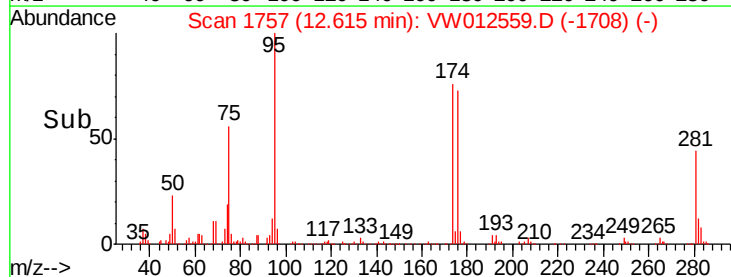
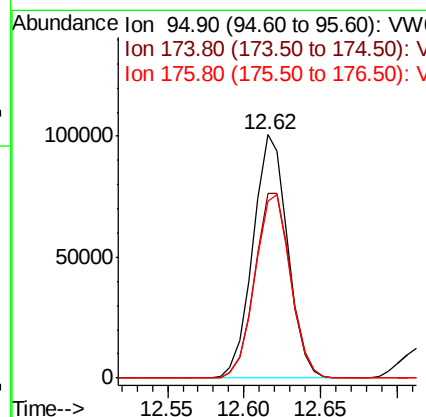
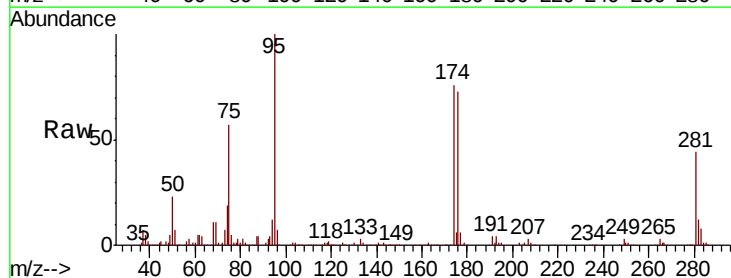
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

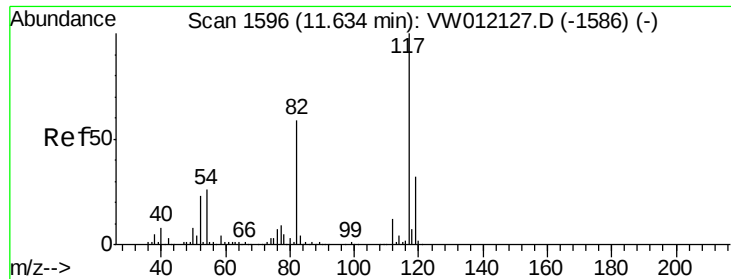
Tgt Ion: 107 Resp: 93787
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.839 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion: 95 Resp: 158793
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 150.8
 176 77.0 0.0 148.6

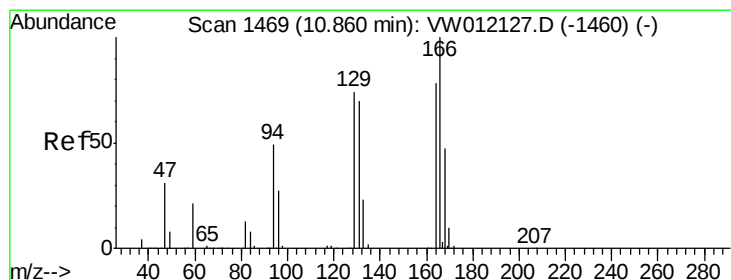
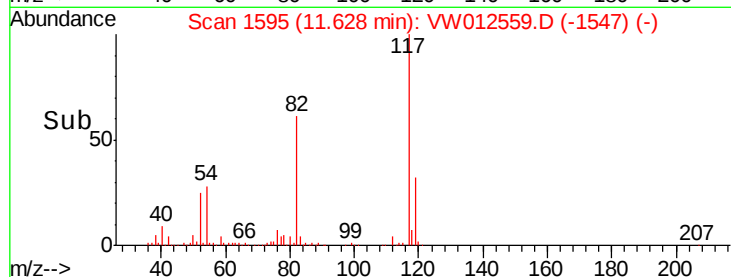
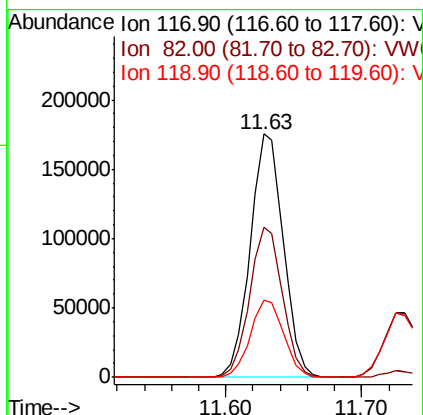
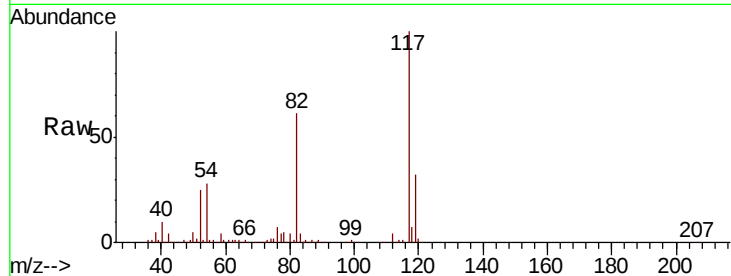




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

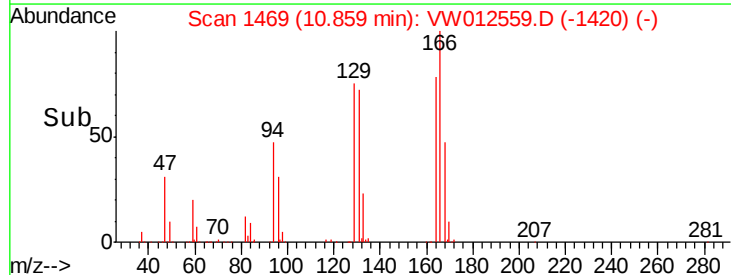
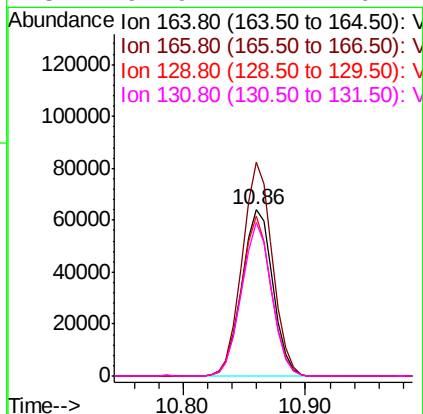
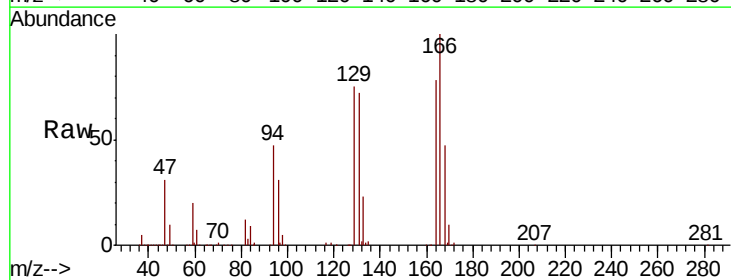
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

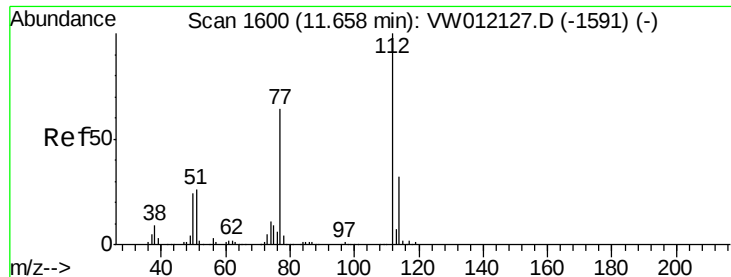
Tgt Ion:117 Resp: 300271
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 57.909 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion:164 Resp: 112734
Ion Ratio Lower Upper
164 100
166 128.7 102.4 153.6
129 96.2 75.8 113.6
131 92.9 71.4 107.2

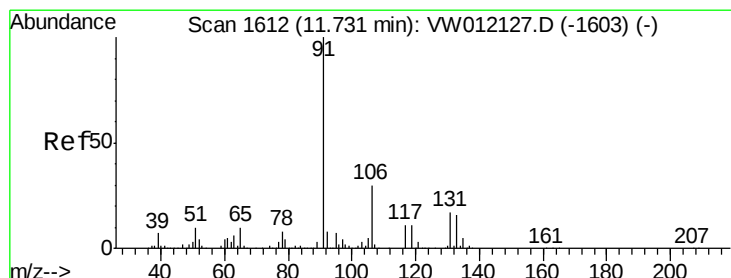
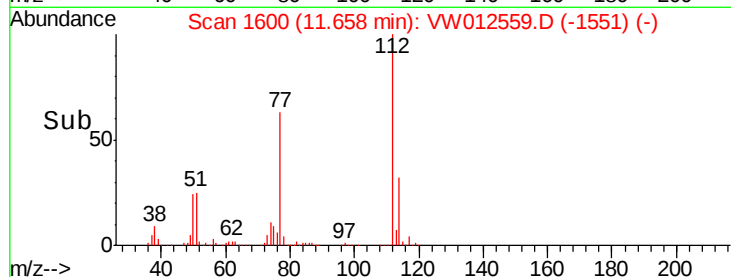
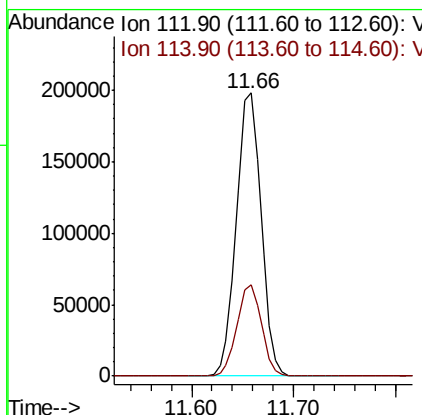
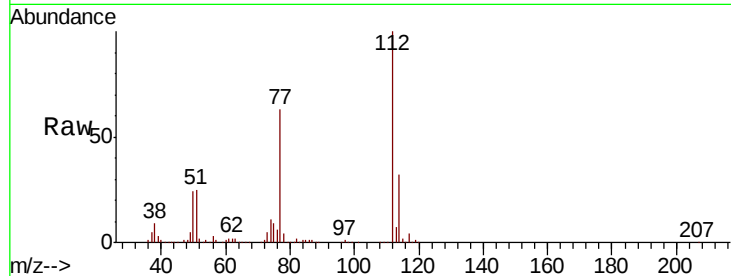




#65
Chlorobenzene
Concen: 56.346 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

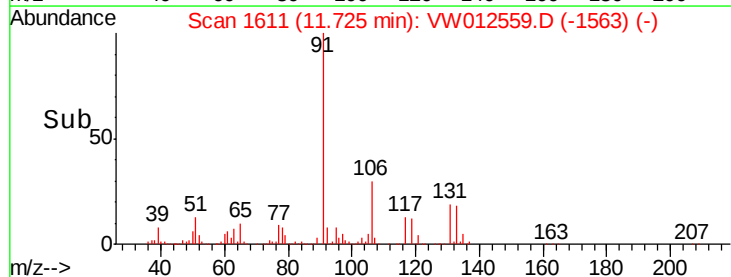
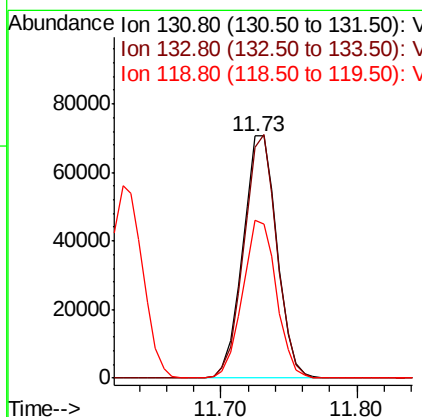
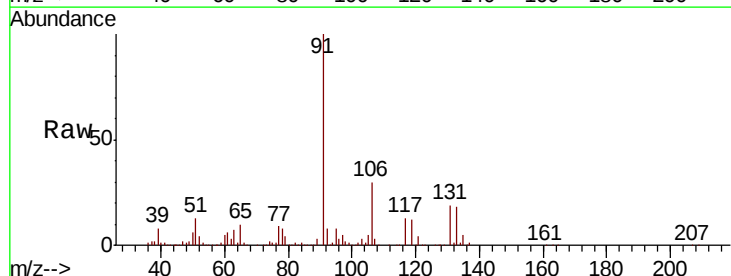
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

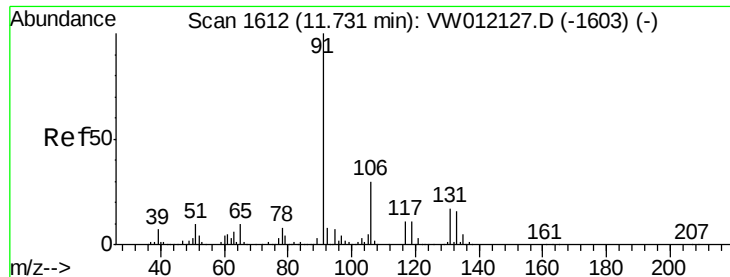
Tgt Ion:112 Resp: 333151
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 59.916 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion:131 Resp: 123586
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.3
119 64.7 31.8 95.3

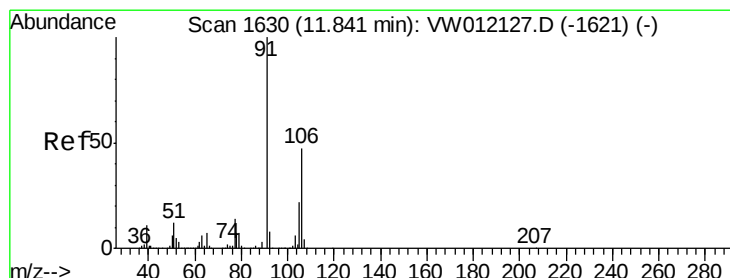
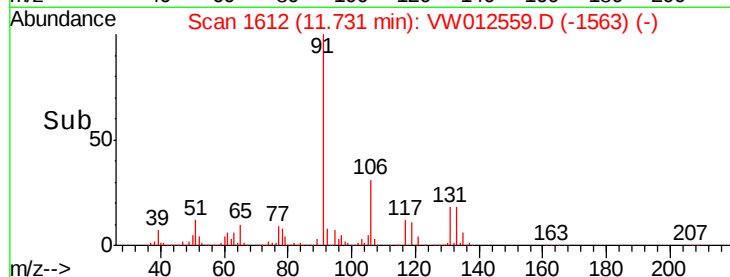
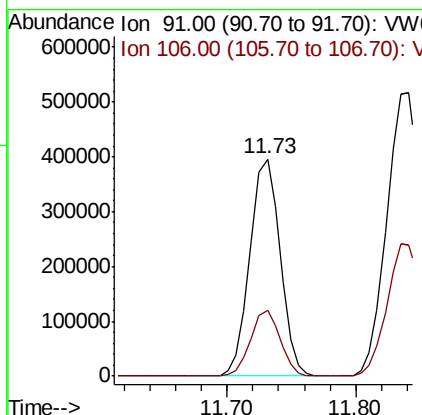
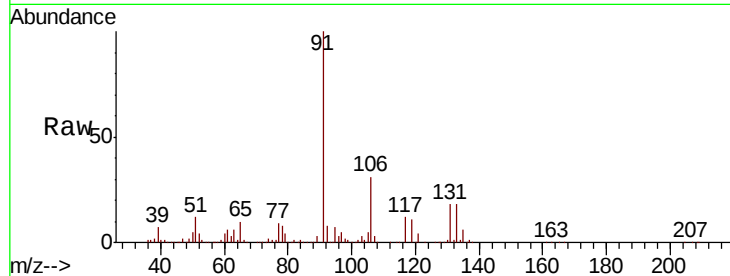




#67
Ethyl Benzene
Concen: 56.344 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

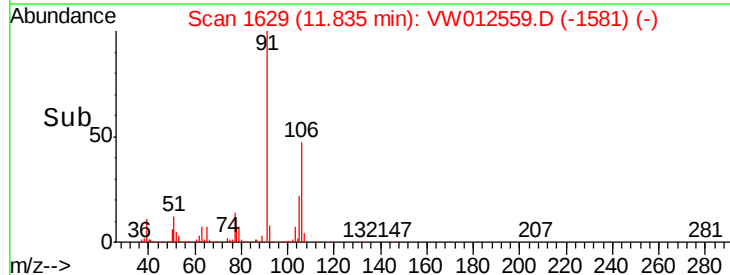
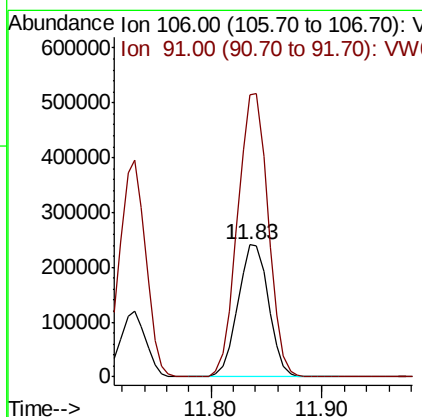
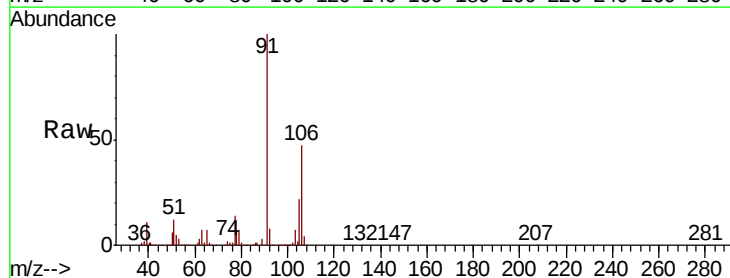
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 641737
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 112.413 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 106 Resp: 461192
Ion Ratio Lower Upper
106 100
91 213.2 169.5 254.3

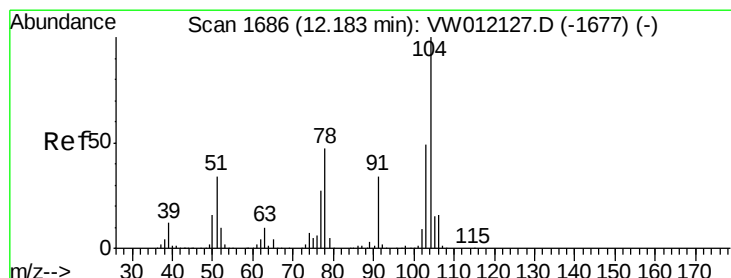
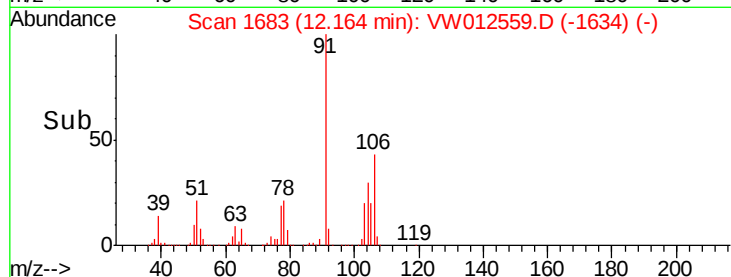
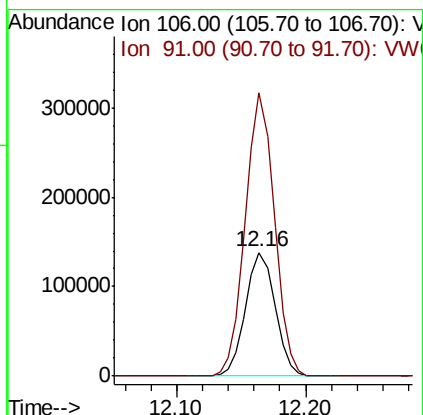
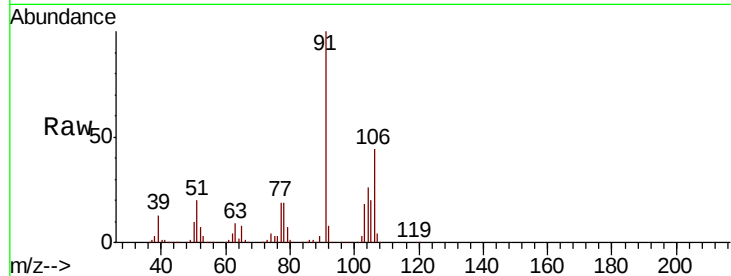




#69
o-Xylene
Concen: 57.684 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

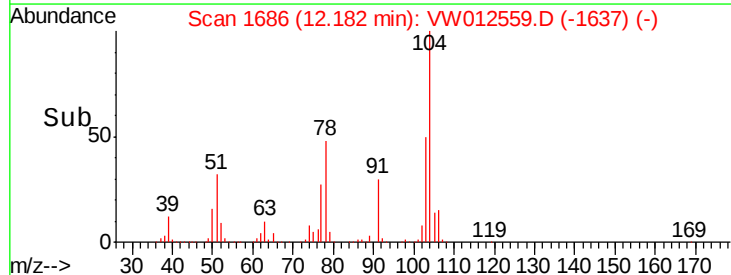
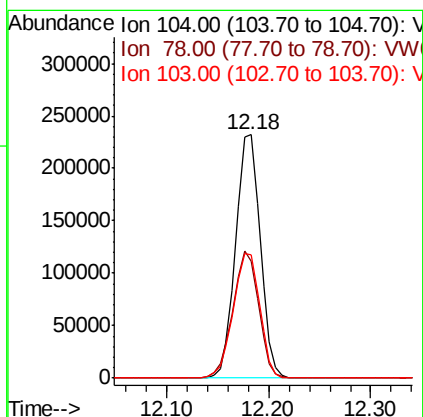
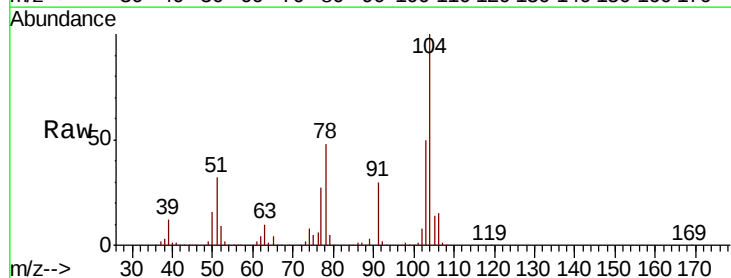
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

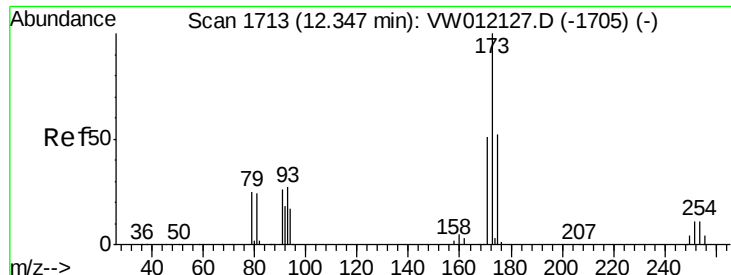
Tgt Ion:106 Resp: 219034
Ion Ratio Lower Upper
106 100
91 225.6 111.6 334.6



#70
Styrene
Concen: 59.015 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion:104 Resp: 387879
Ion Ratio Lower Upper
104 100
78 54.7 43.1 64.7
103 55.1 43.5 65.3





#71

Bromoform

Concen: 64.642 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

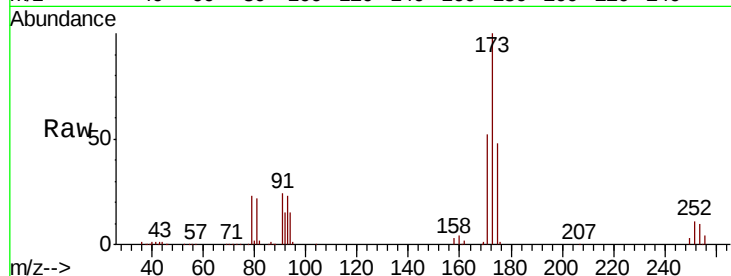
Tgt Ion:173 Resp: 66431

Ion Ratio Lower Upper

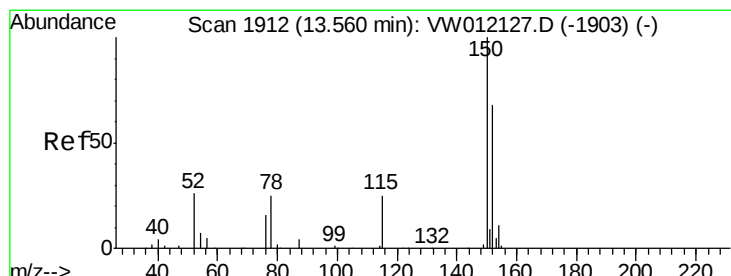
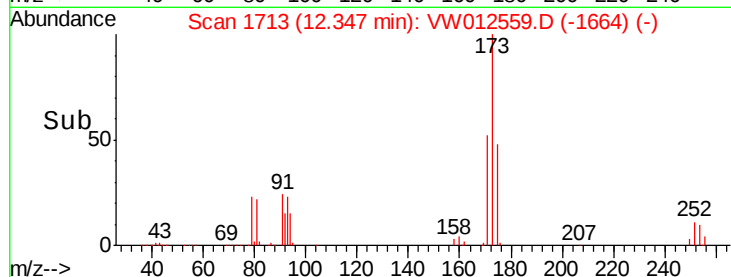
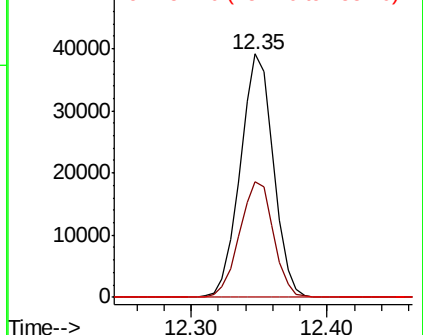
173 100

175 48.8 24.6 74.0

254 0.2 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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

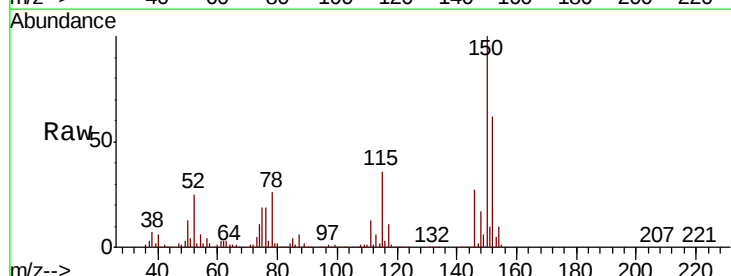
Tgt Ion:152 Resp: 148586

Ion Ratio Lower Upper

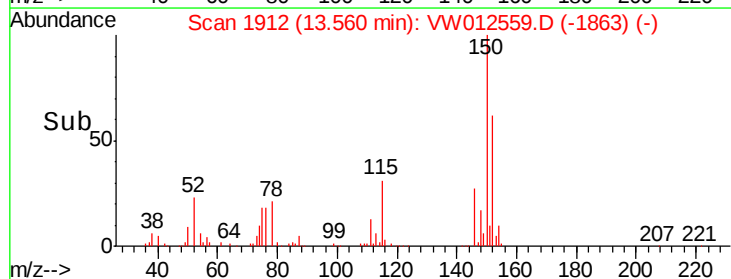
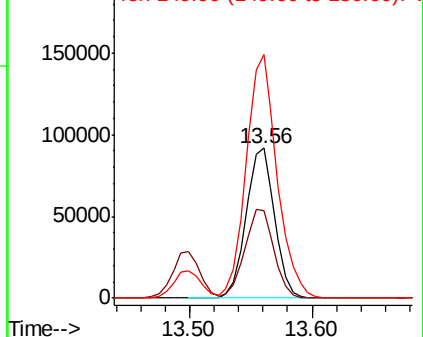
152 100

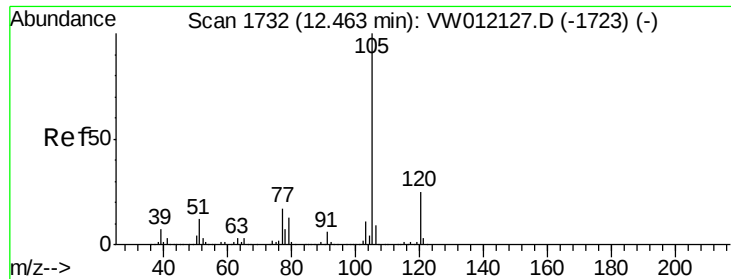
115 60.8 30.1 90.3

150 175.6 0.0 345.8



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: 54.837 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

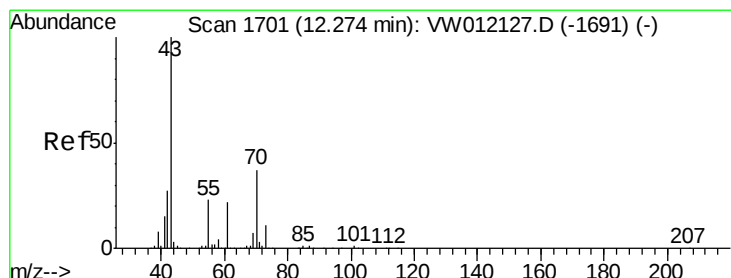
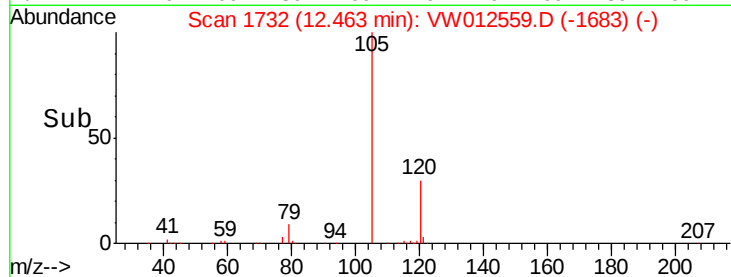
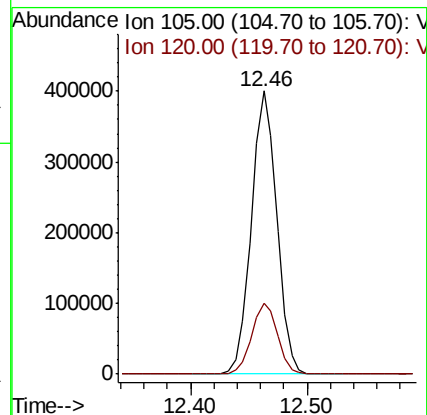
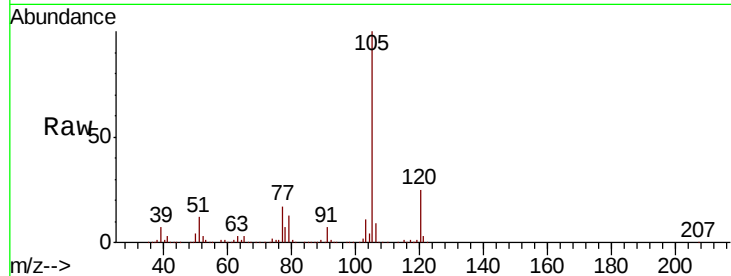
VSTDCCC050

Tgt Ion: 105 Resp: 610539

Ion Ratio Lower Upper

105 100

120 25.4 12.5 37.5



#74

N-ethyl acetate

Concen: 59.900 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Tgt Ion: 43 Resp: 201492

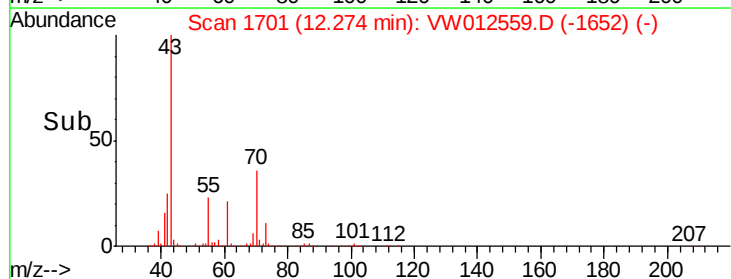
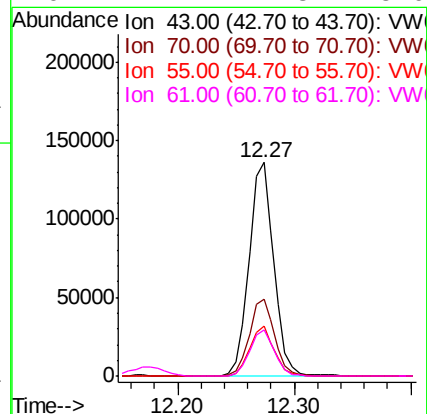
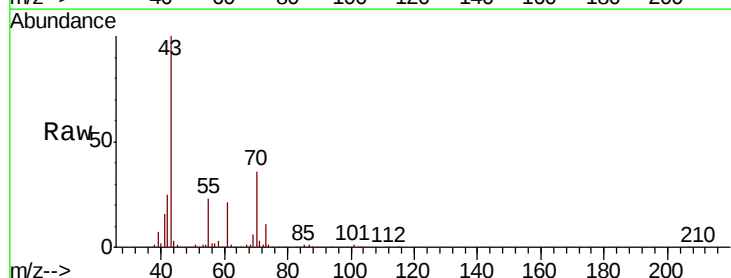
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 23.0 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.685 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

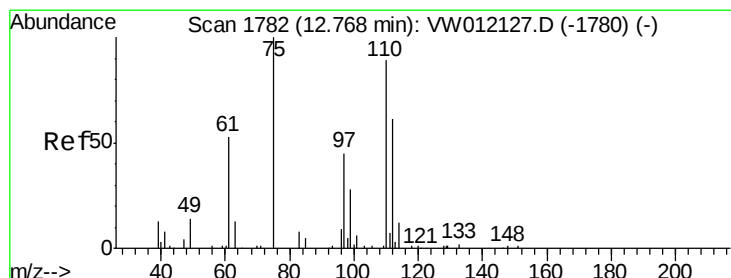
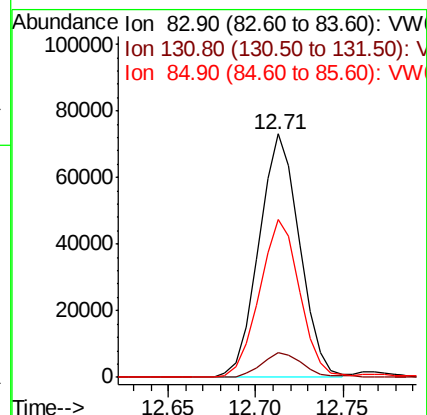
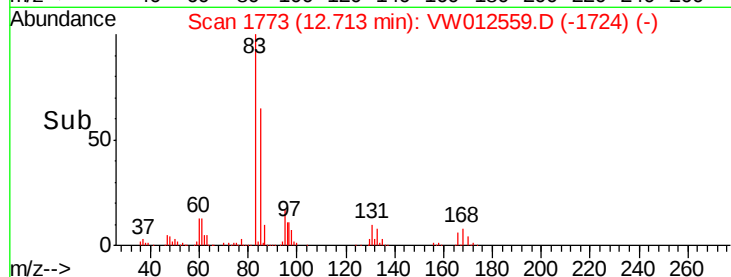
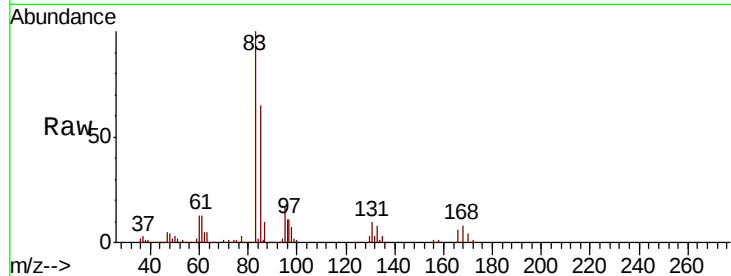
Tgt Ion: 83 Resp: 117744

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 109.623 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012559.D

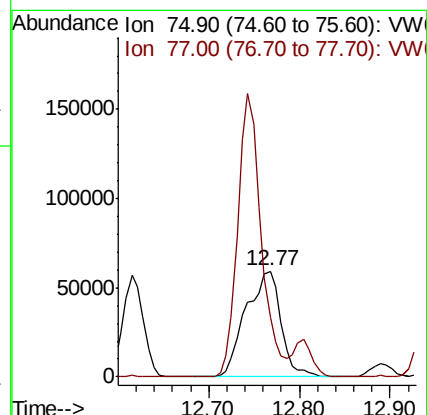
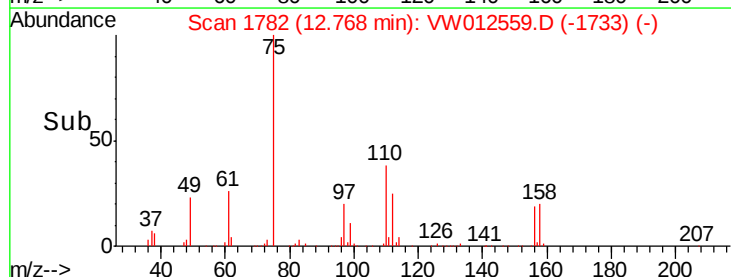
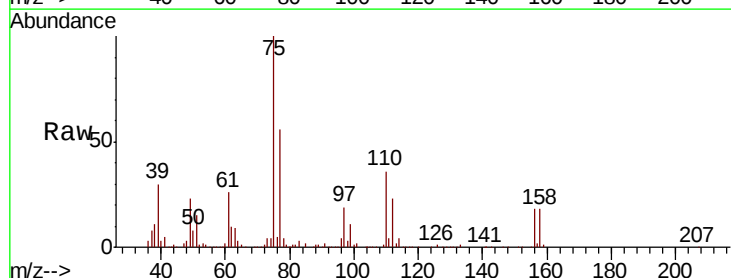
Acq: 03 Sep 2019 21:30

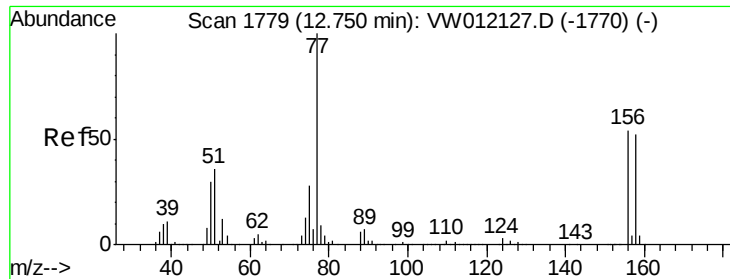
Tgt Ion: 75 Resp: 158638

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.325 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

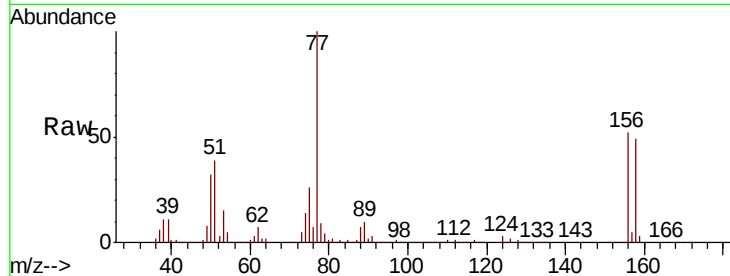
Tgt Ion:156 Resp: 138077

Ion Ratio Lower Upper

156 100

77 208.1 107.3 321.8

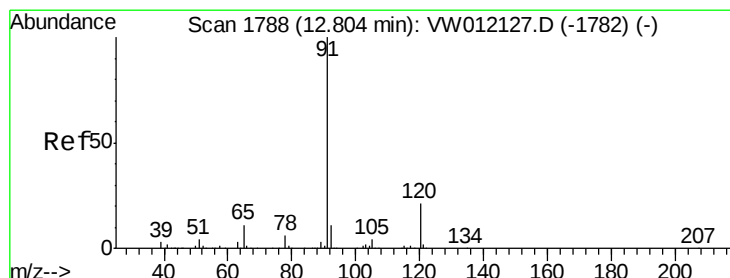
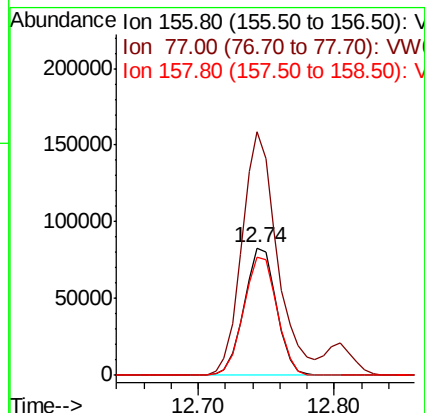
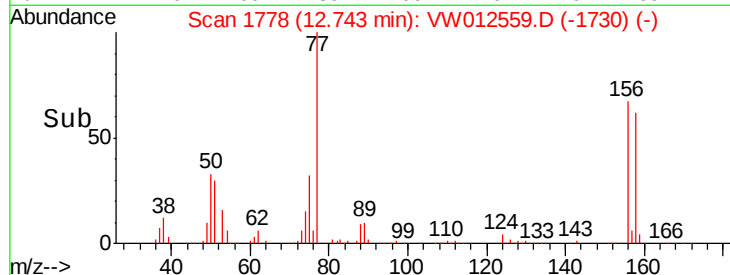
158 96.3 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.254 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012559.D

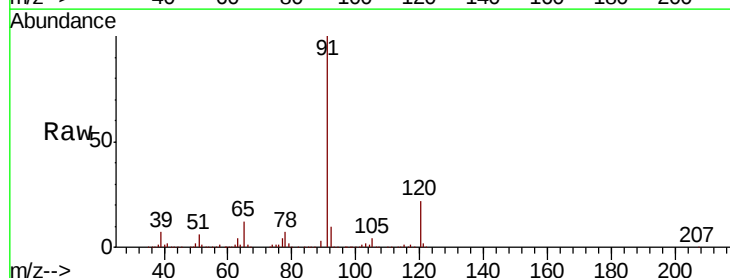
Acq: 03 Sep 2019 21:30

Tgt Ion: 91 Resp: 737420

Ion Ratio Lower Upper

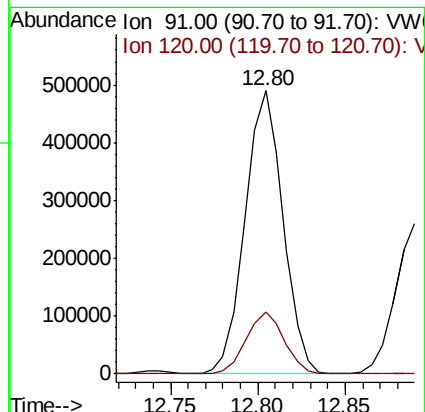
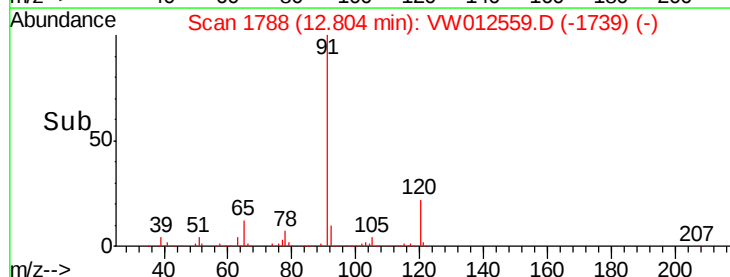
91 100

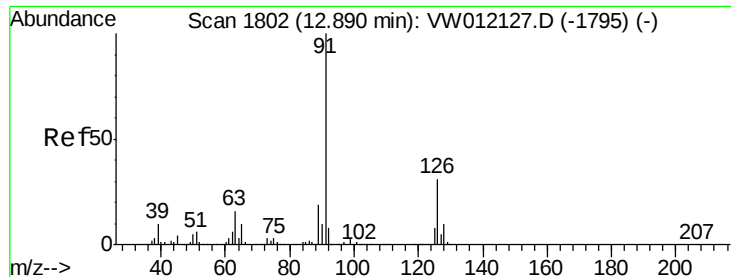
120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.908 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

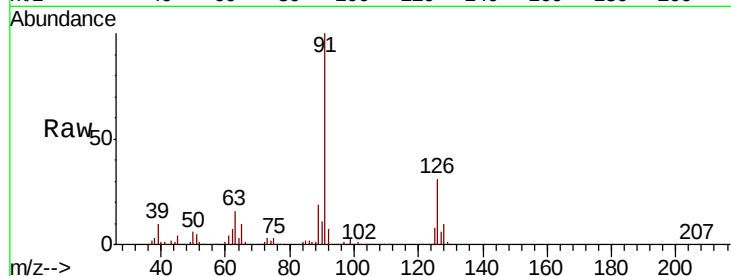
VSTDCCC050

Tgt Ion: 91 Resp: 423713

Ion Ratio Lower Upper

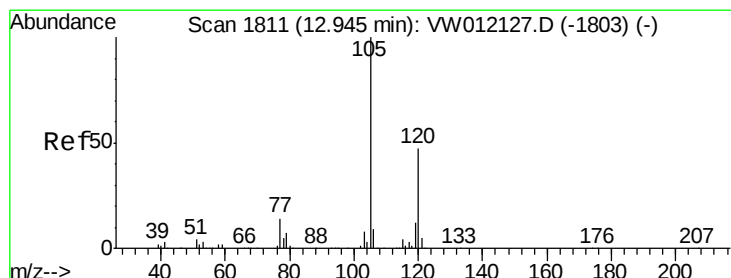
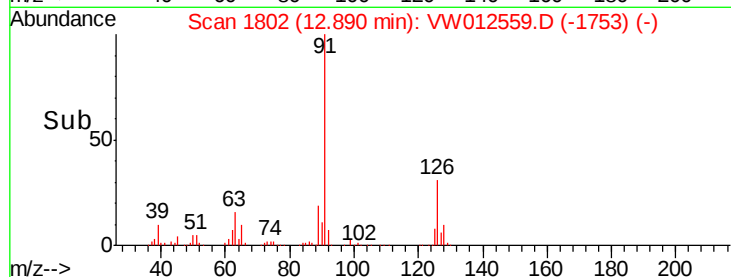
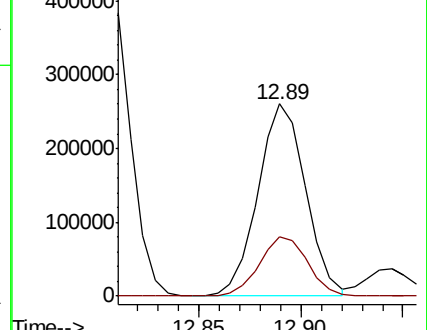
91 100

126 31.5 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.191 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012559.D

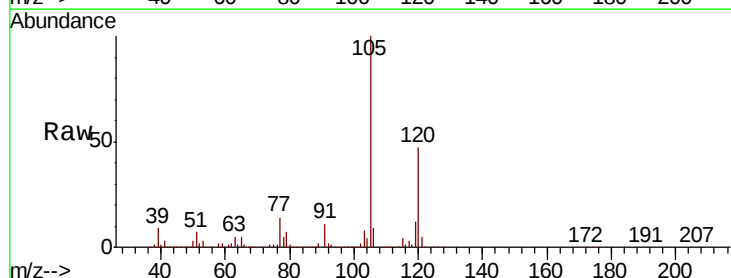
Acq: 03 Sep 2019 21:30

Tgt Ion: 105 Resp: 522763

Ion Ratio Lower Upper

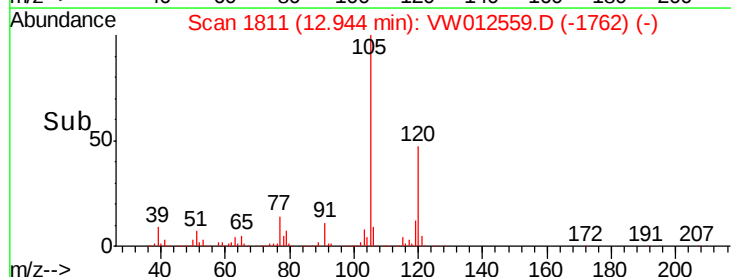
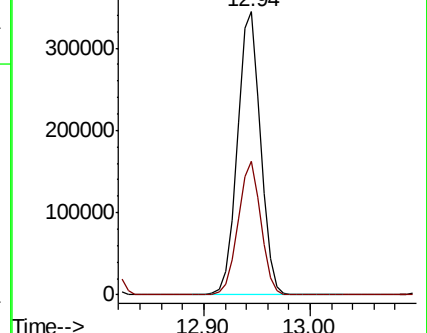
105 100

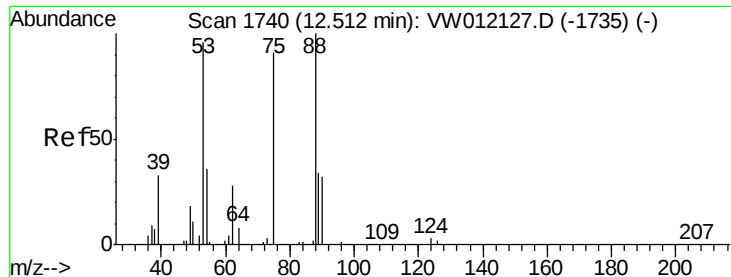
120 46.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

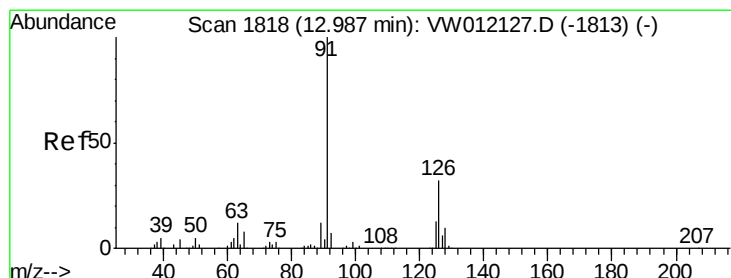
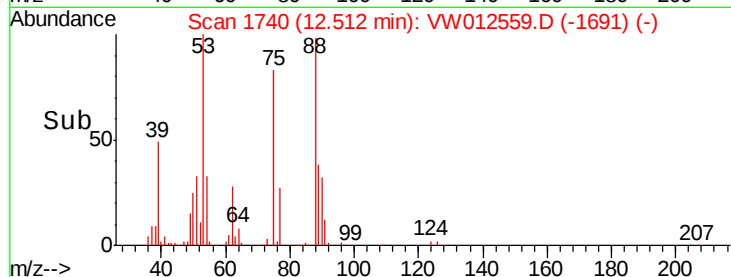
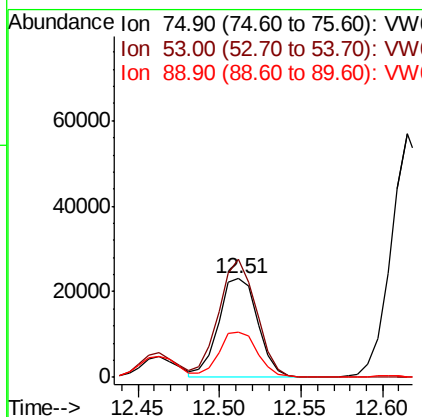
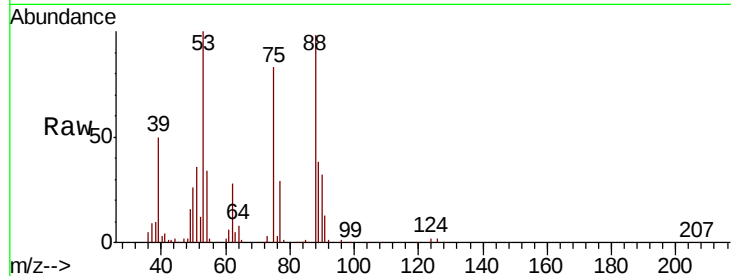




#81
trans-1,4-Dichloro-2-butene
Concen: 58.572 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

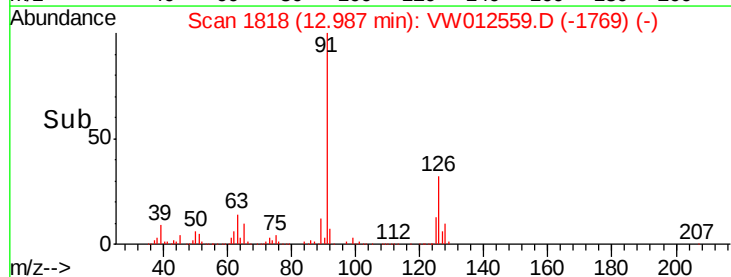
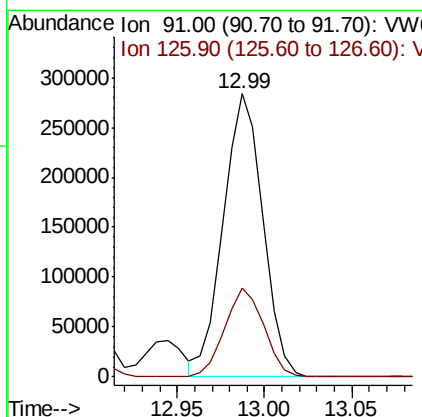
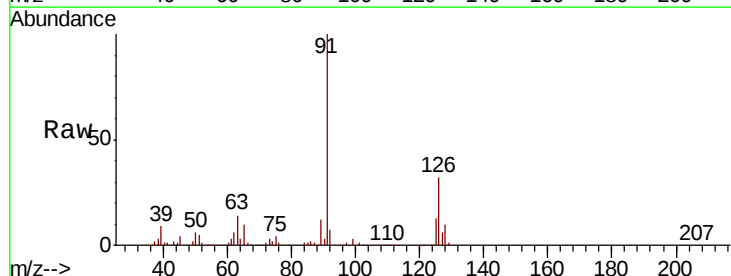
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

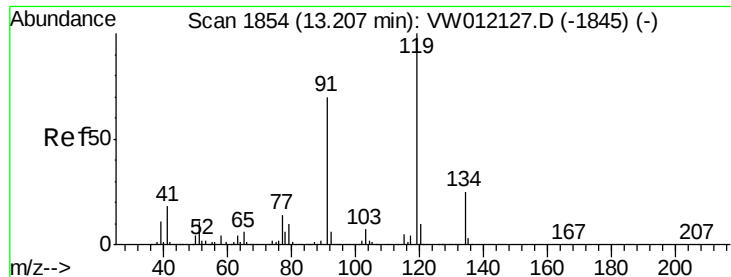
Tgt Ion: 75 Resp: 38659
Ion Ratio Lower Upper
75 100
53 113.7 89.4 134.0
89 45.9 34.5 51.7



#82
4-Chlorotoluene
Concen: 54.995 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion: 91 Resp: 444361
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8

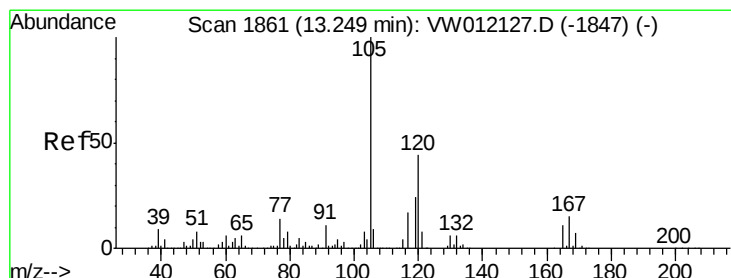
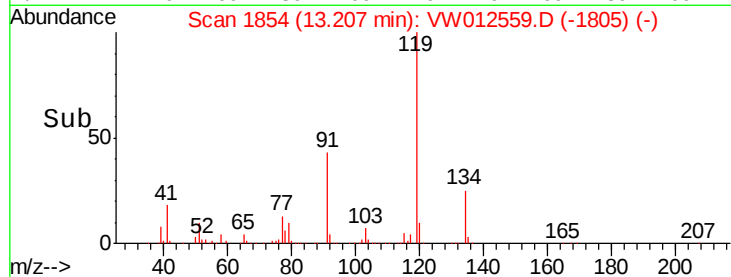
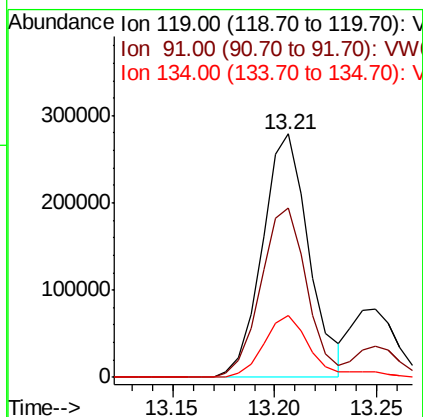
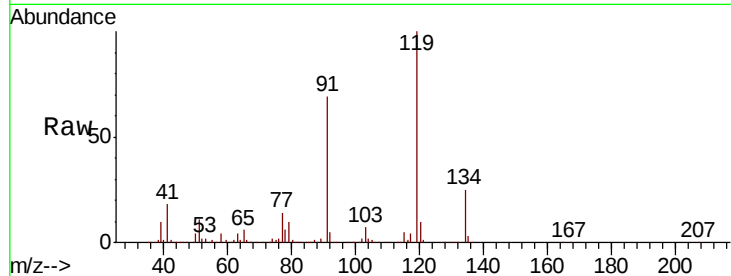




#83
 tert-Butylbenzene
 Concen: 56.238 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

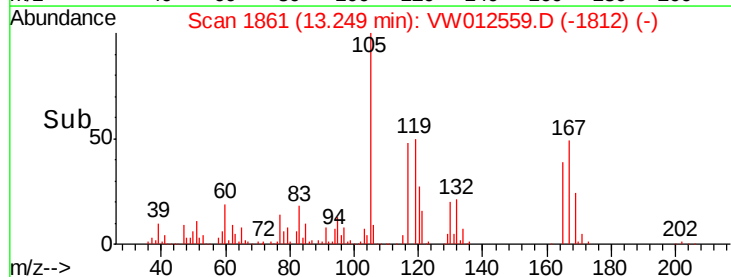
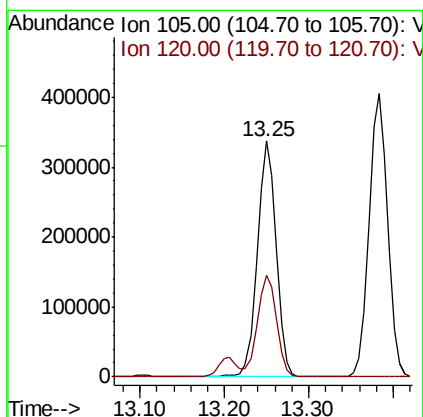
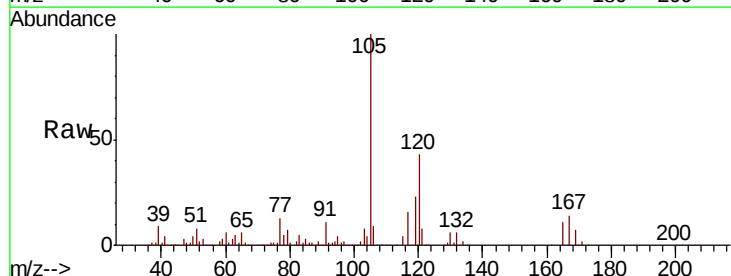
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

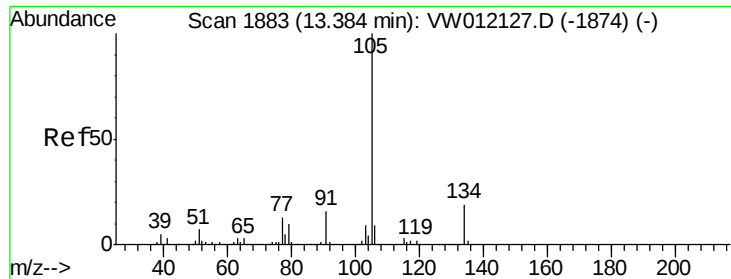
Tgt Ion:119 Resp: 443198
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.618 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion:105 Resp: 519777
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 54.812 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

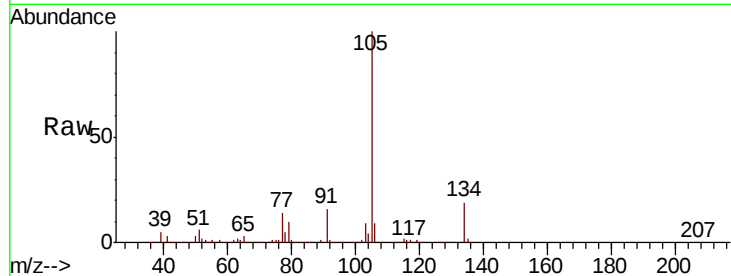
VSTDCCC050

Tgt Ion:105 Resp: 618853

Ion Ratio Lower Upper

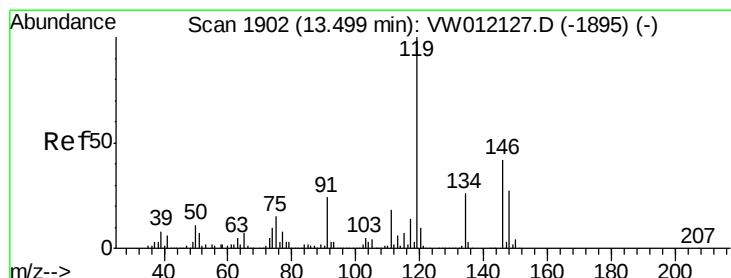
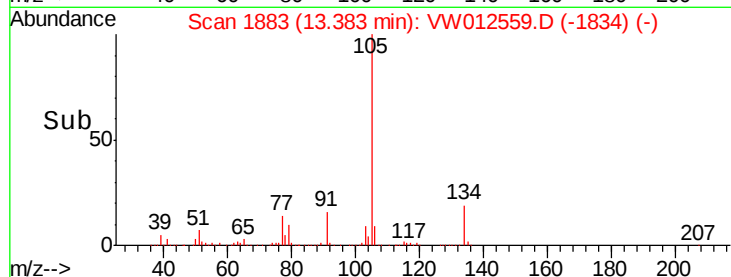
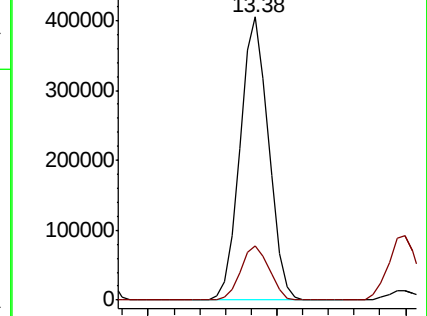
105 100

134 19.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.906 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

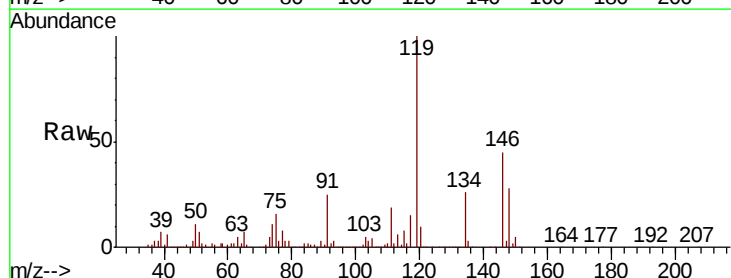
Tgt Ion:119 Resp: 563703

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

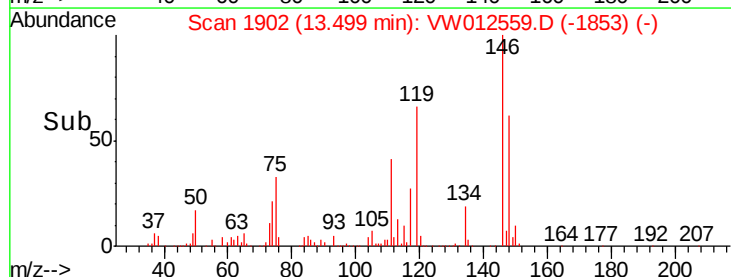
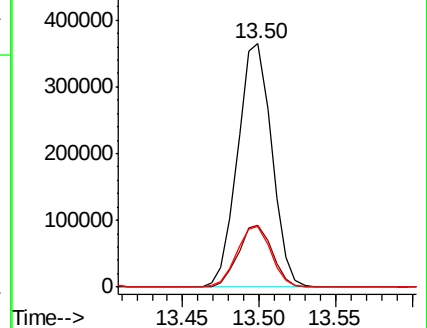
91 24.7 12.3 36.9

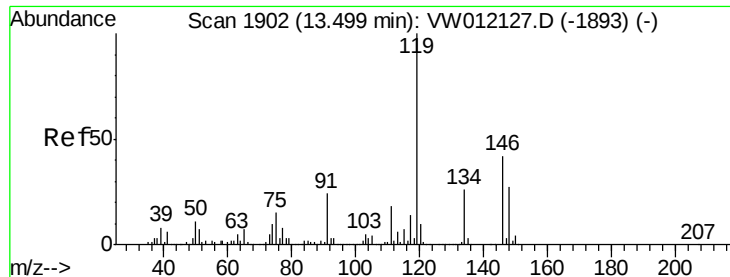


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 55.544 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

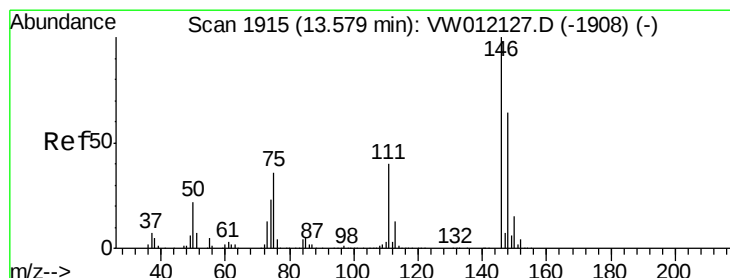
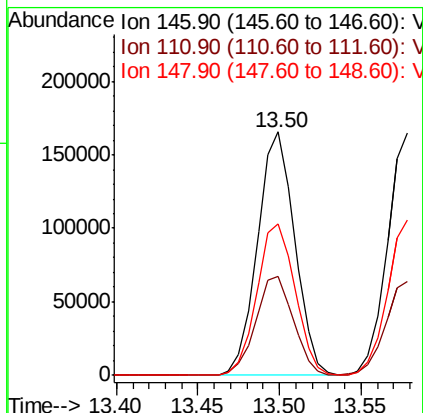
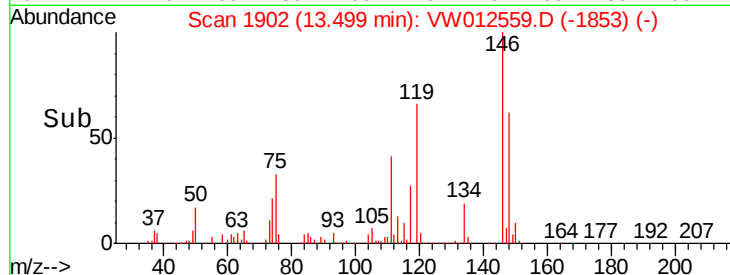
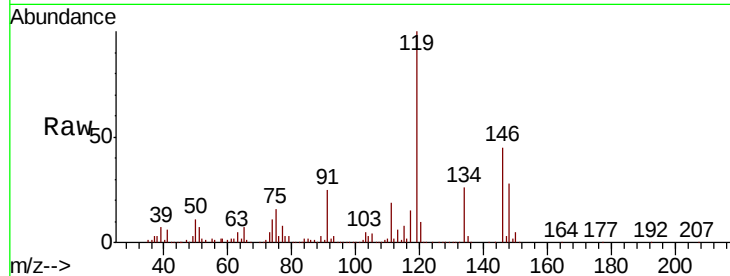
Tgt Ion:146 Resp: 261683

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

148 64.0 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 56.294 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

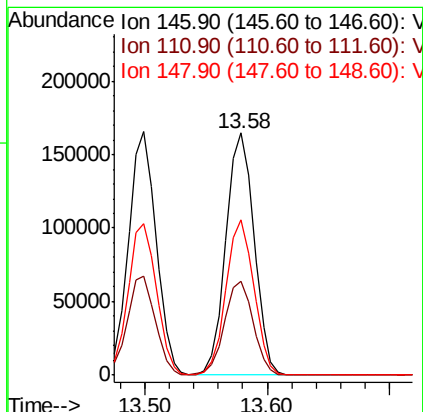
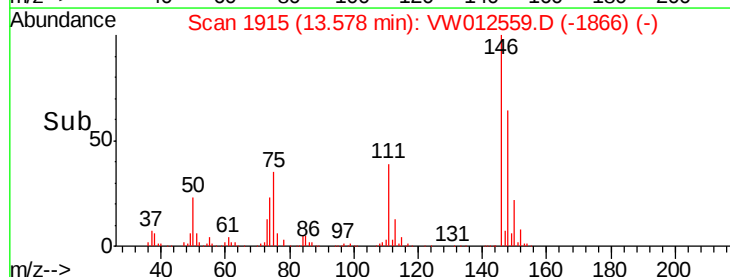
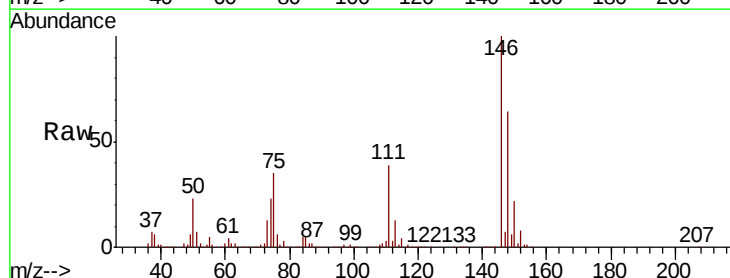
Tgt Ion:146 Resp: 263339

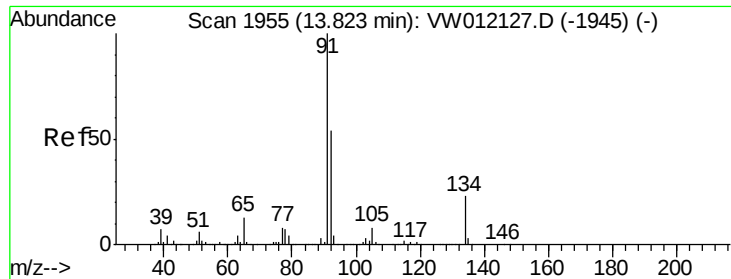
Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

148 62.9 32.1 96.3





#89

n-Butylbenzene

Concen: 54.153 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012559.D

Acq: 03 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

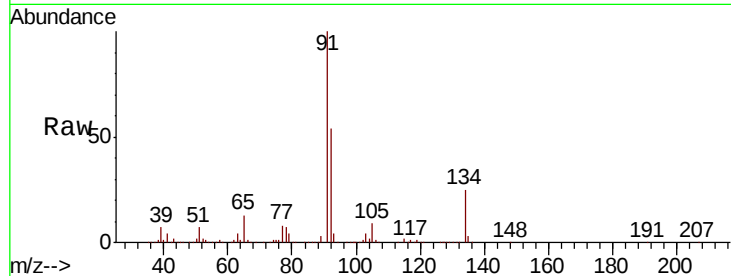
Tgt Ion: 91 Resp: 542992

Ion Ratio Lower Upper

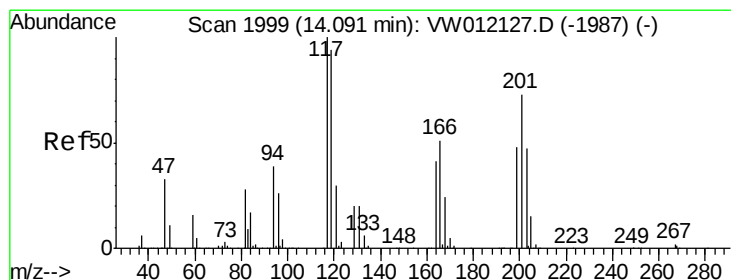
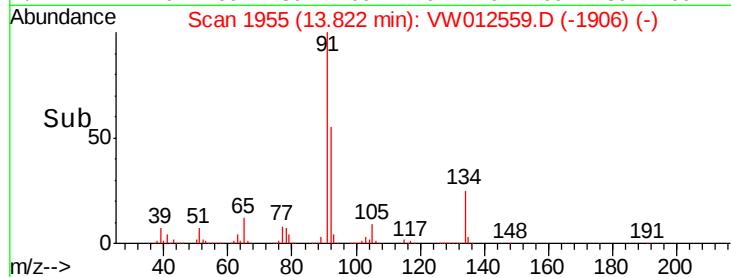
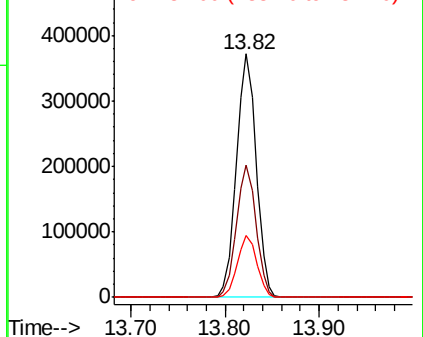
91 100

92 54.0 27.1 81.2

134 25.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.027 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012559.D

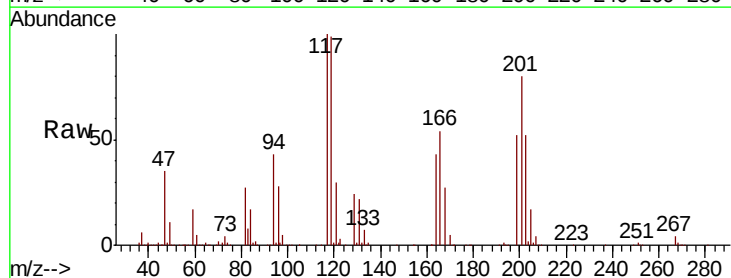
Acq: 03 Sep 2019 21:30

Tgt Ion: 117 Resp: 99114

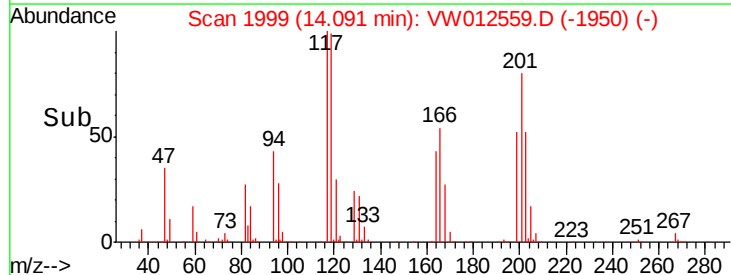
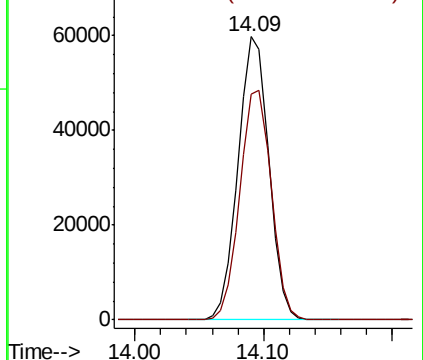
Ion Ratio Lower Upper

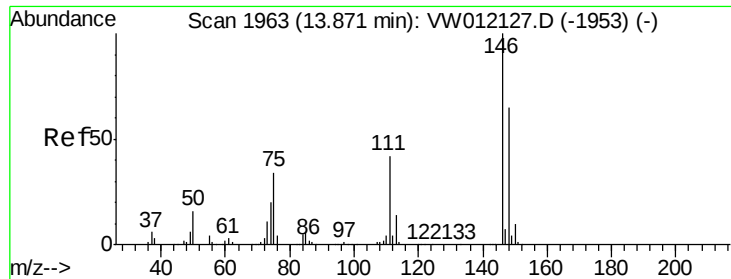
117 100

201 82.6 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

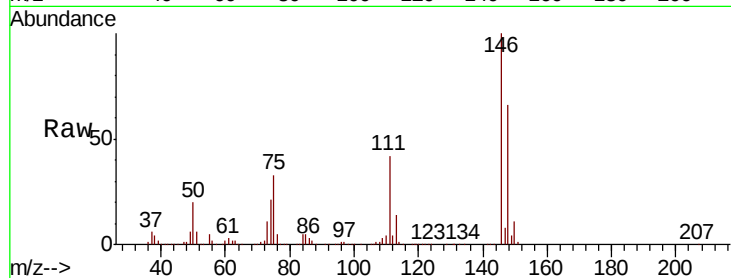




#91
 1,2-Dichlorobenzene
 Concen: 56.893 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.9	32.5	97.4

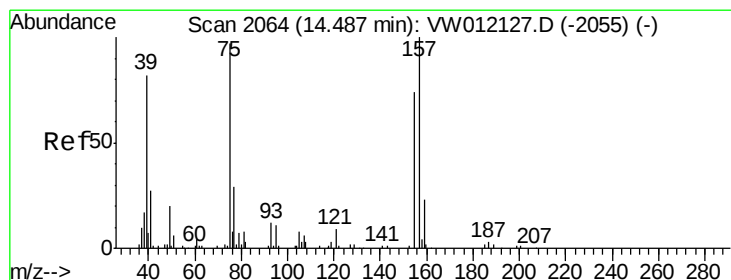
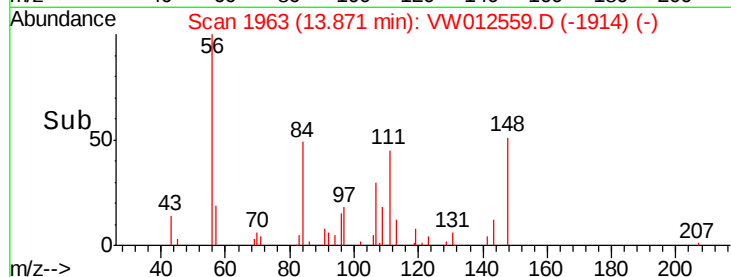
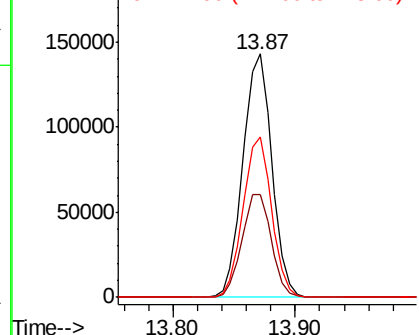


Abundance

Ion 145.90 (145.60 to 146.60): V

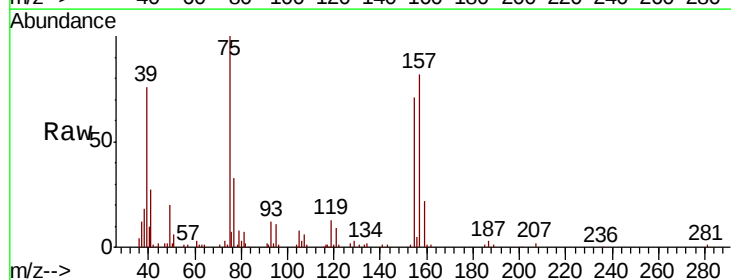
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.798 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	37.5	112.3
157	96.0	50.5	151.5

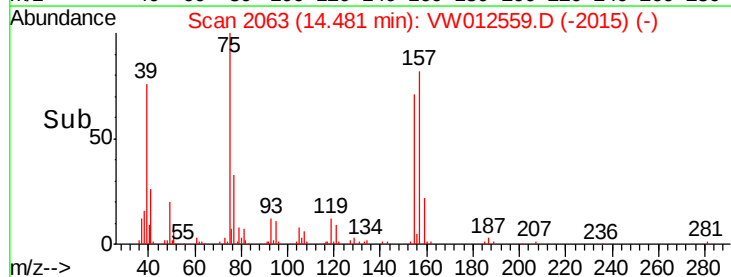
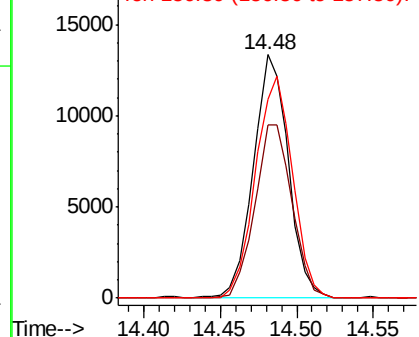


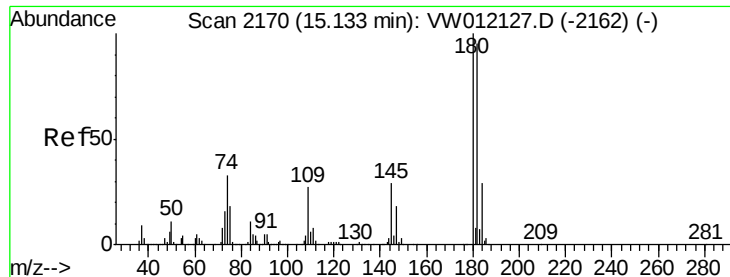
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

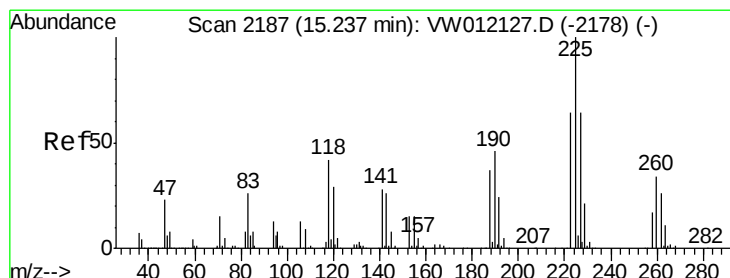
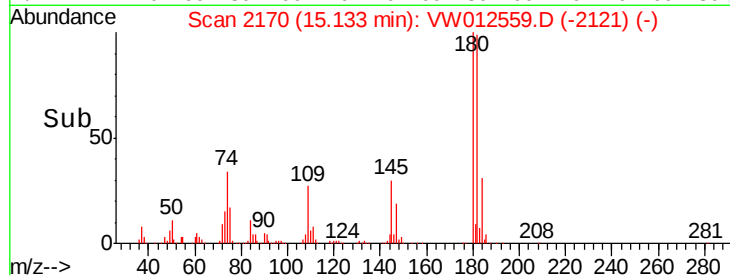
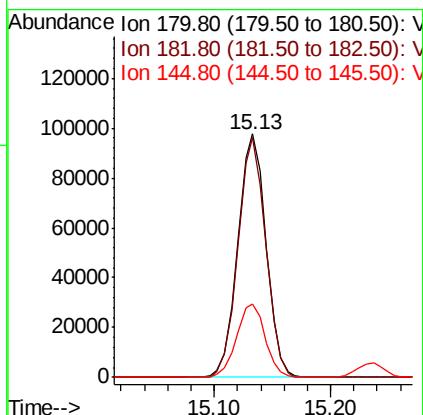
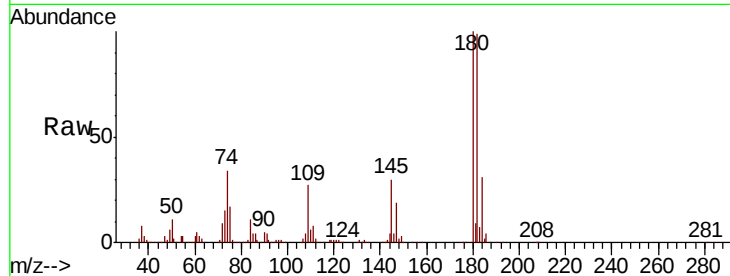




#93
 1,2,4-Trichlorobenzene
 Concen: 57.893 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

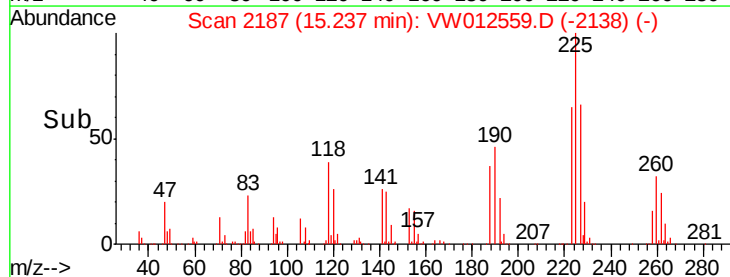
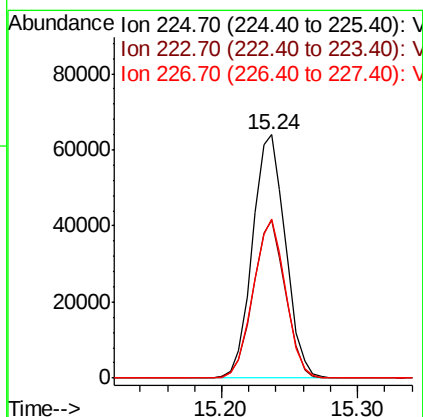
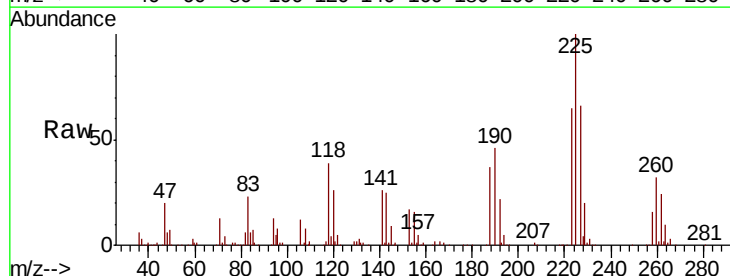
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

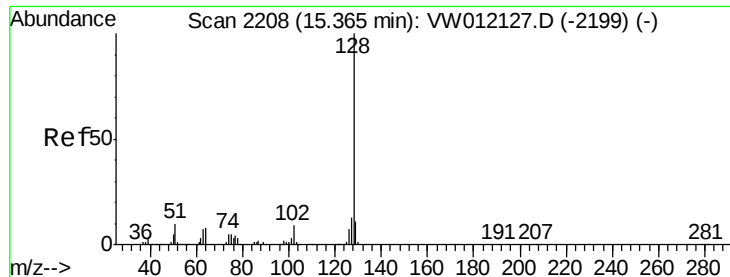
Tgt Ion:180 Resp: 165352
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.8 143.4
 145 30.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 57.519 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012559.D
 Acq: 03 Sep 2019 21:30

Tgt Ion:225 Resp: 108477
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.3 96.8
 227 64.1 32.9 98.6

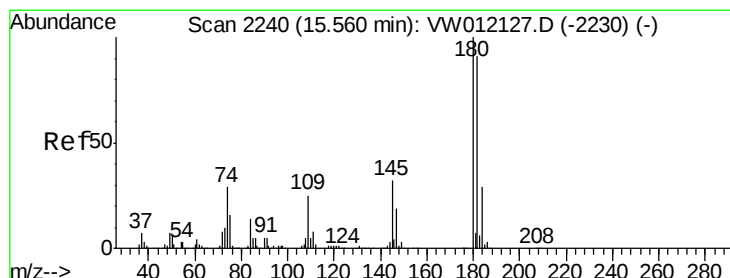
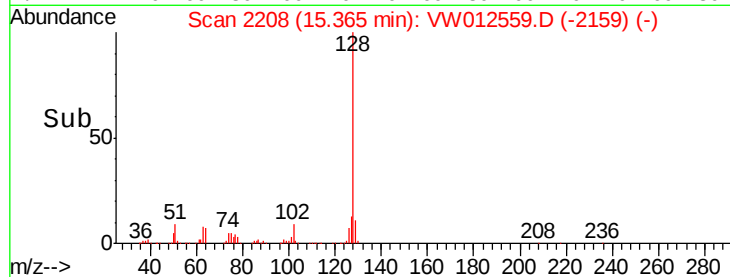
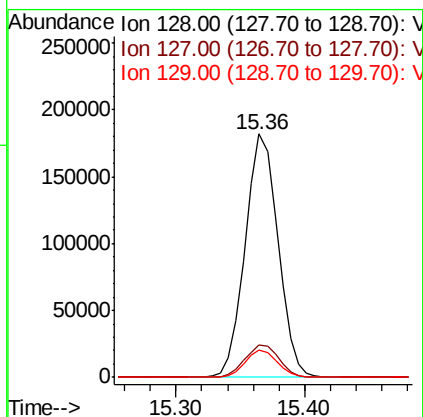
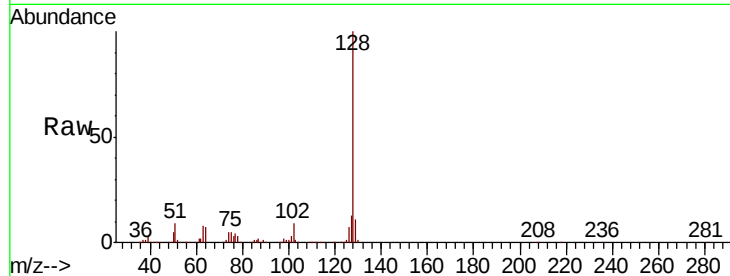




#95
Naphthalene
Concen: 56.528 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 320279
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.630 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012559.D
Acq: 03 Sep 2019 21:30

Tgt Ion:180 Resp: 148594
Ion Ratio Lower Upper
180 100
182 95.5 47.1 141.3
145 32.7 16.2 48.5

