

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082319\
 Data File : VW012157.D
 Acq On : 24 Aug 2019 01:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 07:32:43 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	221049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159864	60.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.68%	
35) Dibromofluoromethane	7.88	113	123206	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
50) Toluene-d8	10.32	98	493157	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.62	95	173908	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66769	49.056	ug/l	96
3) Chloromethane	2.21	50	107225	50.849	ug/l	99
4) Vinyl Chloride	2.36	62	126734	49.103	ug/l	97
5) Bromomethane	2.75	94	62290	47.655	ug/l	97
6) Chloroethane	2.90	64	73268	50.322	ug/l	99
7) Trichlorofluoromethane	3.25	101	61618	47.545	ug/l	99
8) Diethyl Ether	3.68	74	70172	57.044	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107702	48.891	ug/l	99
10) Methyl Iodide	4.27	142	159243	53.427	ug/l	99
11) Tert butyl alcohol	5.18	59	45739	289.239	ug/l	99
12) 1,1-Dichloroethene	4.04	96	111467	50.273	ug/l	99
13) Acrolein	3.89	56	37091	249.173	ug/l	99
14) Allyl chloride	4.66	41	253025	53.380	ug/l	100
15) Acrylonitrile	5.36	53	185477	304.196	ug/l	100
16) Acetone	4.12	43	160205	238.506	ug/l	99
17) Carbon Disulfide	4.38	76	338793	50.559	ug/l	99
18) Methyl Acetate	4.67	43	103384	62.141	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	205644	57.353	ug/l	96
20) Methylene Chloride	4.91	84	133349	52.514	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	128611	54.092	ug/l	98
22) Diisopropyl ether	6.31	45	509290	57.965	ug/l	96
23) Vinyl Acetate	6.25	43	1596579	295.270	ug/l	100
24) 1,1-Dichloroethane	6.21	63	264396	55.267	ug/l	100
25) 2-Butanone	7.17	43	261319	286.293	ug/l	98
26) 2,2-Dichloropropane	7.17	77	125616	46.391	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	142280	56.009	ug/l	99
28) Bromochloromethane	7.51	49	118229	56.702	ug/l	100
29) Tetrahydrofuran	7.52	42	173375	316.596	ug/l	99
30) Chloroform	7.67	83	241966	55.284	ug/l	99
31) Cyclohexane	7.95	56	222987	47.112	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	182418	52.685	ug/l	100
36) 1,1-Dichloropropene	8.08	75	190273	48.858	ug/l	100
37) Ethyl Acetate	7.25	43	120007	56.234	ug/l	99
38) Carbon Tetrachloride	8.07	117	162096	48.090	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205694	47.015	ug/l	99
40) Benzene	8.32	78	549471	51.672	ug/l	100
41) Methacrylonitrile	7.48	41	72953	58.164	ug/l	98
42) 1,2-Dichloroethane	8.40	62	181215	54.374	ug/l	100
43) Isopropyl Acetate	8.42	43	223058	56.428	ug/l	99
44) Trichloroethene	9.09	130	130324	50.414	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151106	52.799	ug/l	98
46) Dibromomethane	9.46	93	70825	55.621	ug/l	97
47) Bromodichloromethane	9.65	83	180778	53.344	ug/l	98
48) Methyl methacrylate	9.43	41	109409	58.153	ug/l	97
49) 1,4-Dioxane	9.45	88	22286	1143.254	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	581736	289.335	ug/l	100
52) Toluene	10.39	92	330261	51.698	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	185134	53.630	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	217710	52.232	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98073	54.436	ug/l	99
56) Ethyl methacrylate	10.65	69	148615	56.678	ug/l	98
57) 1,3-Dichloropropane	10.93	76	186712	54.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	385157	286.209	ug/l	100
59) 2-Hexanone	10.97	43	393894	276.878	ug/l	100
60) Dibromochloromethane	11.13	129	108725	54.181	ug/l	99
61) 1,2-Dibromoethane	11.24	107	93166	55.508	ug/l	100
64) Tetrachloroethene	10.86	164	110159	50.750	ug/l	97
65) Chlorobenzene	11.66	112	330733	50.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	117731	51.190	ug/l	98
67) Ethyl Benzene	11.73	91	632350	49.794	ug/l	99
68) m/p-Xylenes	11.84	106	458273	100.181	ug/l	99
69) o-Xylene	12.16	106	215954	51.007	ug/l	100
70) Styrene	12.18	104	378696	51.676	ug/l	99
71) Bromoform	12.35	173	61770	53.907	ug/l #	99
73) Isopropylbenzene	12.46	105	582715	48.468	ug/l	98
74) N-amyl acetate	12.27	43	199499	54.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	118859	53.926	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	155311	99.390	ug/l #	100
77) Bromobenzene	12.74	156	132982	51.128	ug/l	99
78) n-propylbenzene	12.80	91	711119	48.451	ug/l	99
79) 2-Chlorotoluene	12.89	91	414681	49.764	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	499275	49.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36213	50.810	ug/l	96
82) 4-Chlorotoluene	12.99	91	433689	49.706	ug/l	100
83) tert-Butylbenzene	13.21	119	418707	49.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	498893	49.437	ug/l	100
85) sec-Butylbenzene	13.38	105	581673	47.710	ug/l	100
86) p-Isopropyltoluene	13.50	119	523914	48.118	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	250689	49.277	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	248873	49.268	ug/l	100
89) n-Butylbenzene	13.82	91	507596	46.880	ug/l	100
90) Hexachloroethane	14.09	117	93136	48.755	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	225547	50.538	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19981	53.774	ug/l	97

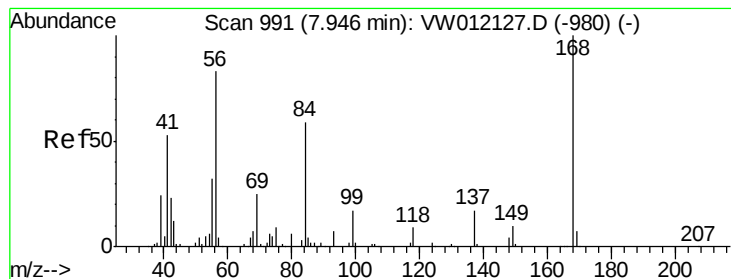
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	151551	49.138	ug/l	99
94) Hexachlorobutadiene	15.24	225	95177	46.736	ug/l	98
95) Naphthalene	15.36	128	300620	49.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	136925	50.885	ug/l	98

(#) = 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

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Instrument :

MSVOA_W

ClientSampleId :

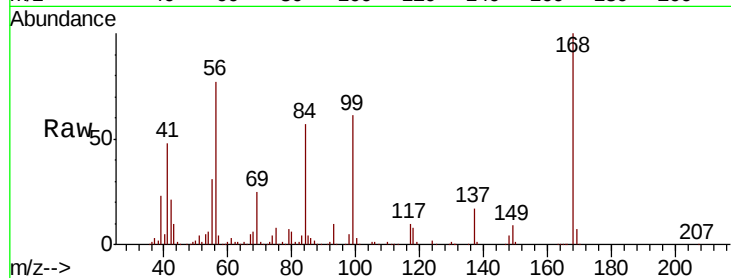
VSTDCCC050EC

Tgt Ion:168 Resp: 221049

Ion Ratio Lower Upper

168 100

99 60.4 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

120000

100000

80000

60000

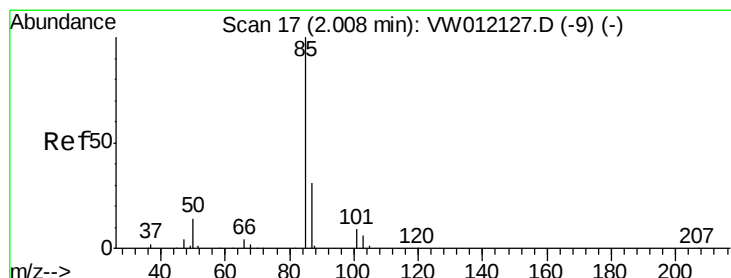
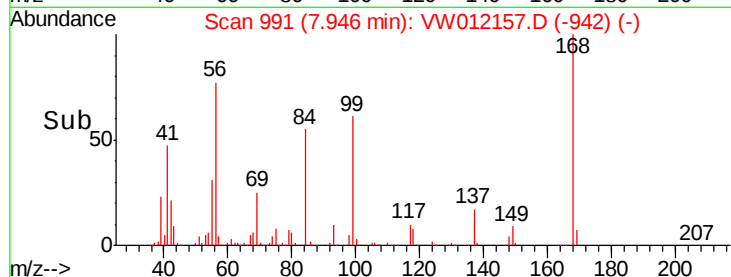
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.056 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012157.D

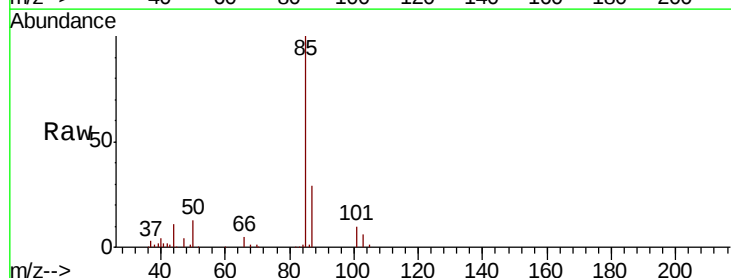
Acq: 24 Aug 2019 01:51

Tgt Ion: 85 Resp: 66769

Ion Ratio Lower Upper

85 100

87 29.1 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

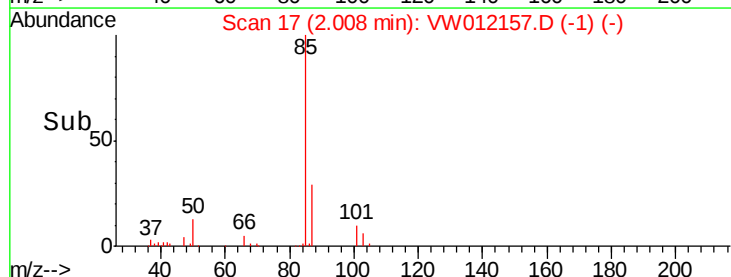
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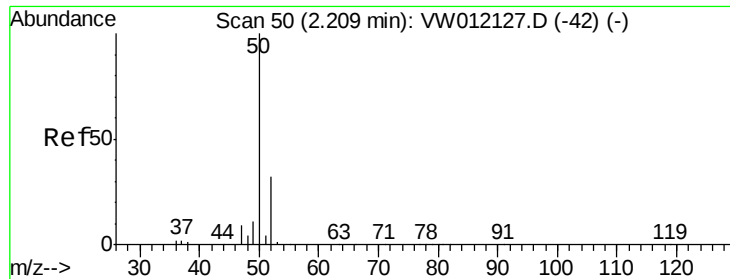
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 50.849 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

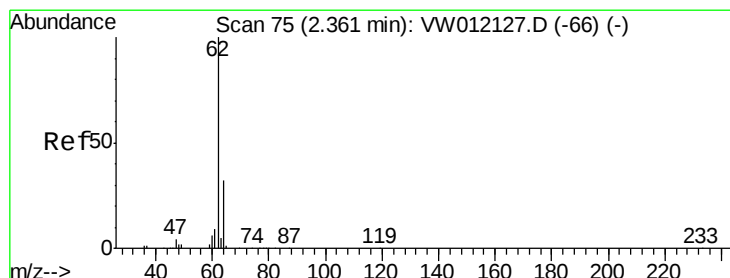
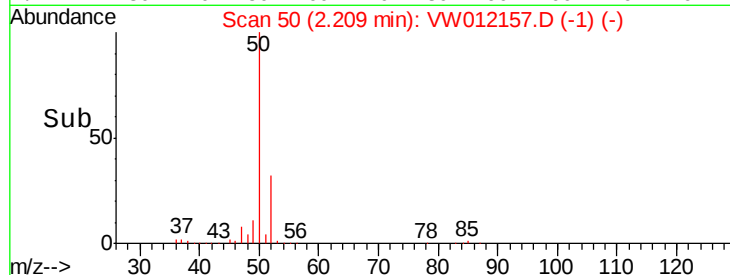
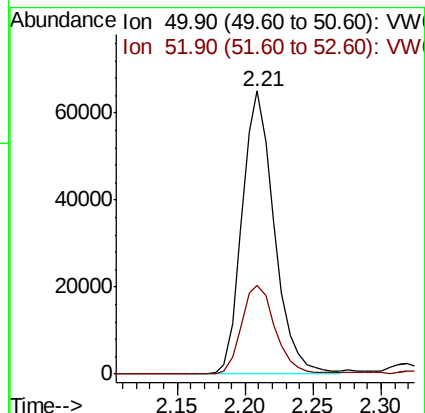
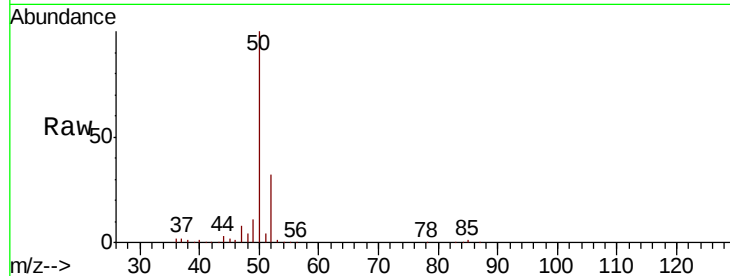
VSTDCCC050EC

Tgt Ion: 50 Resp: 107225

Ion Ratio Lower Upper

50 100

52 31.6 25.5 38.3



#4

Vinyl Chloride

Concen: 49.103 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012157.D

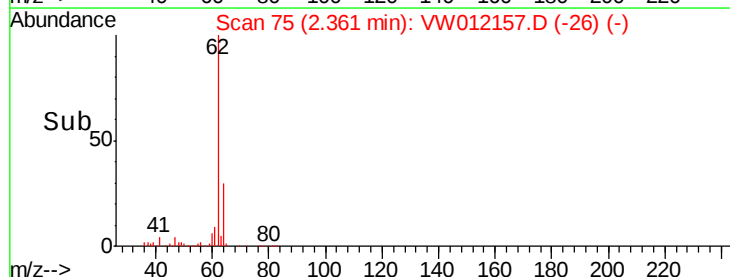
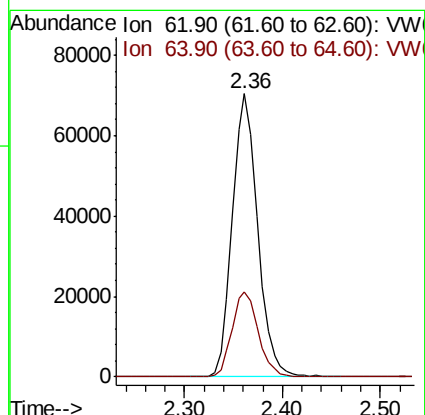
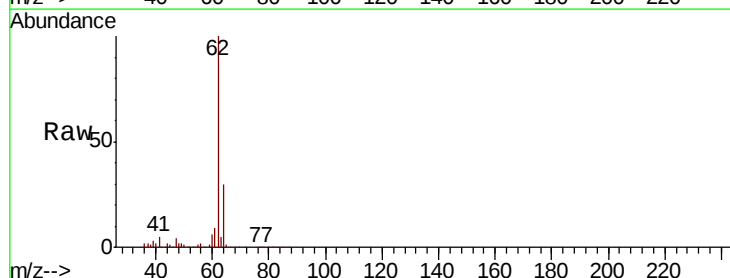
Acq: 24 Aug 2019 01:51

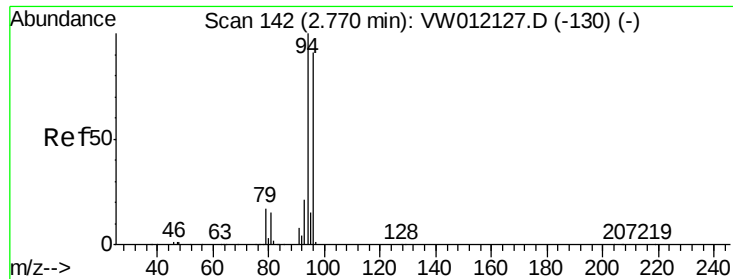
Tgt Ion: 62 Resp: 126734

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 47.655 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

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ClientSampleId :

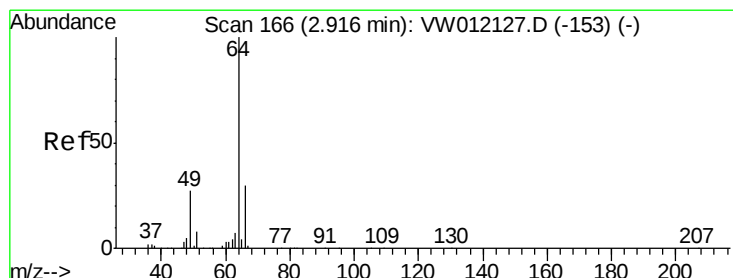
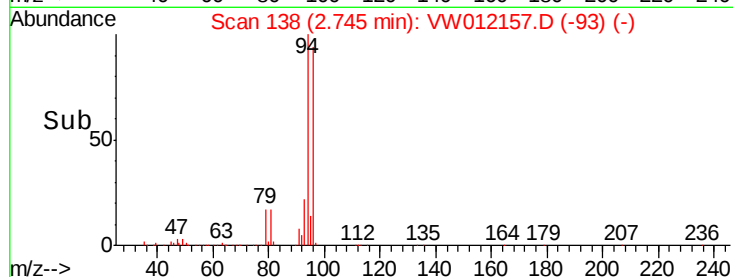
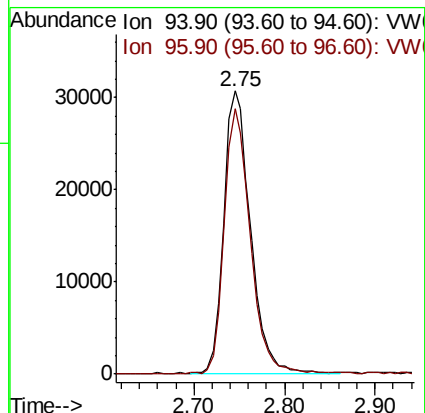
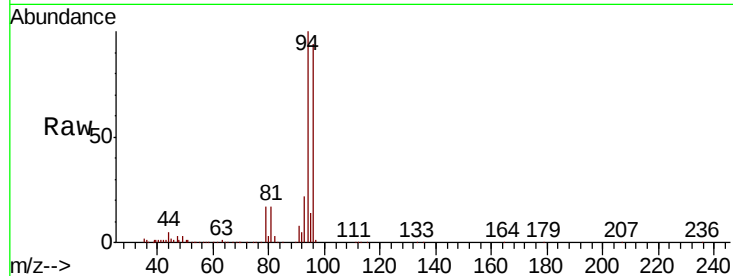
VSTDCCC050EC

Tgt Ion: 94 Resp: 62290

Ion Ratio Lower Upper

94 100

96 93.7 72.9 109.3



#6

Chloroethane

Concen: 50.322 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012157.D

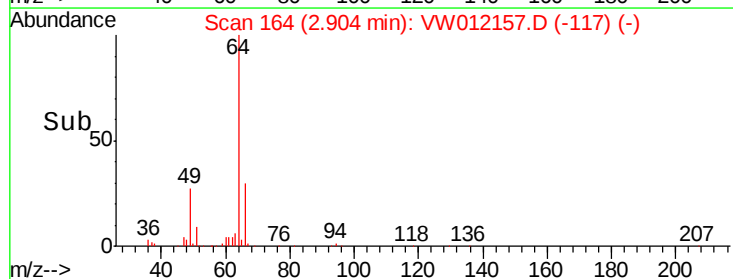
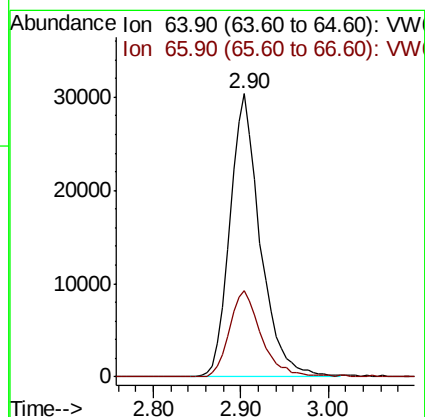
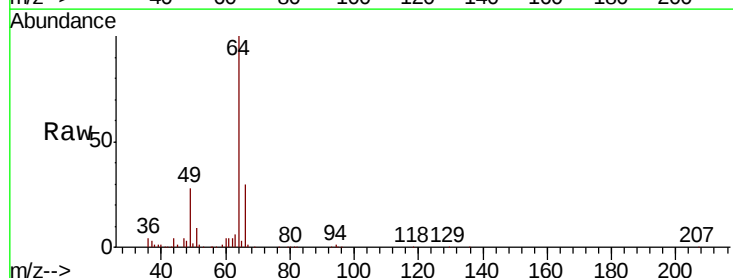
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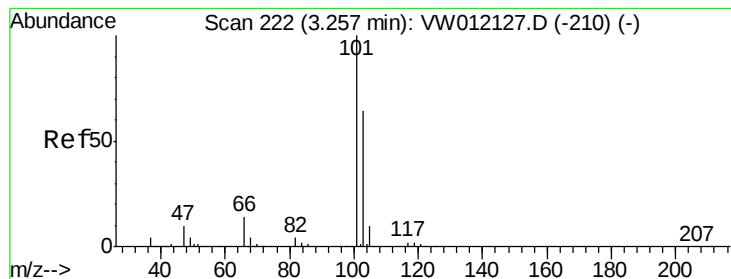
Tgt Ion: 64 Resp: 73268

Ion Ratio Lower Upper

64 100

66 30.4 23.8 35.8



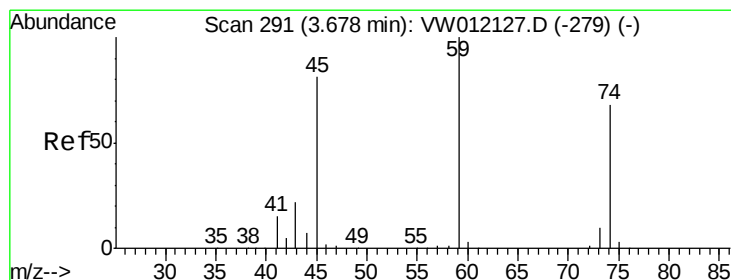
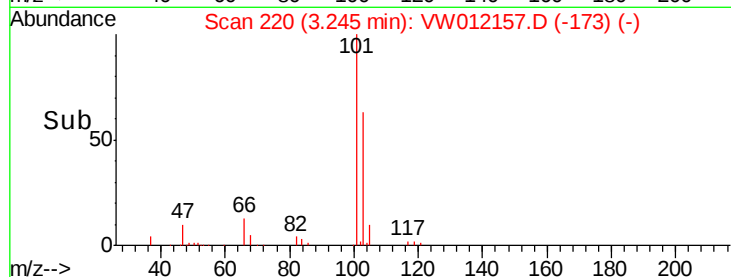
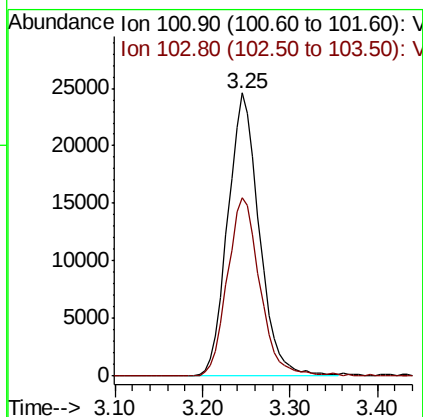
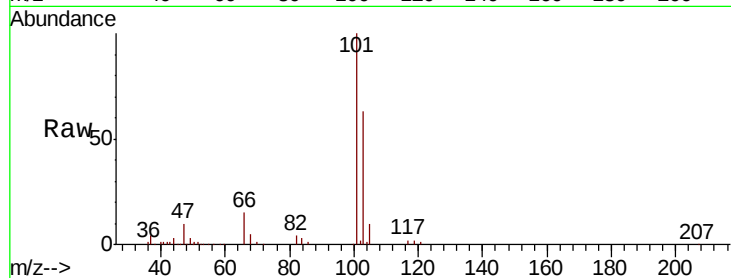


#7

Trichlorofluoromethane
 Concen: 47.545 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

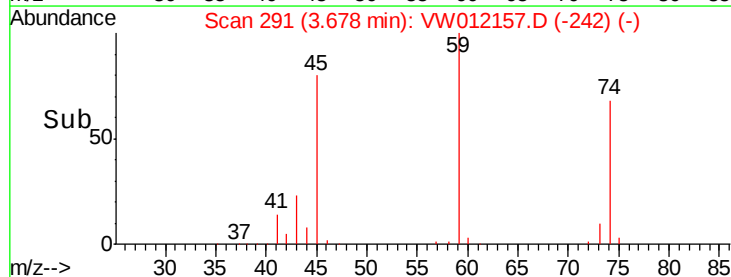
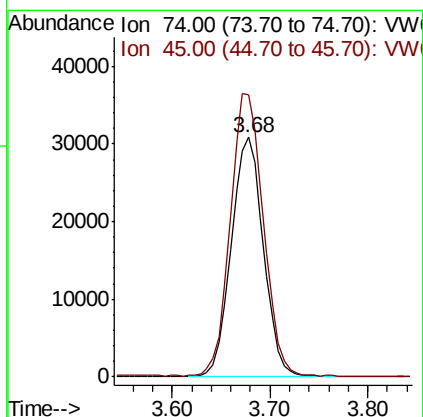
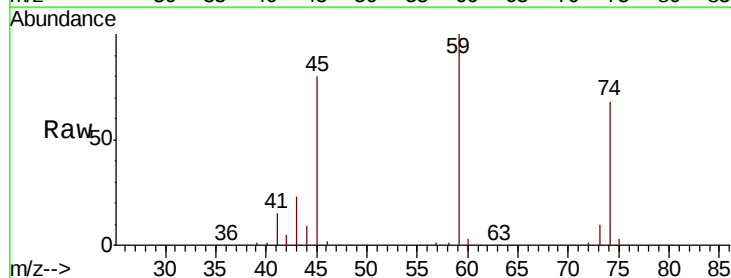
Tgt Ion:101 Resp: 61618
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.2 76.8

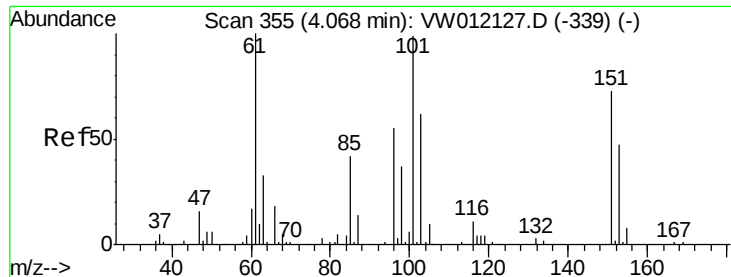


#8

Diethyl Ether
 Concen: 57.044 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 74 Resp: 70172
 Ion Ratio Lower Upper
 74 100
 45 121.3 59.2 177.6

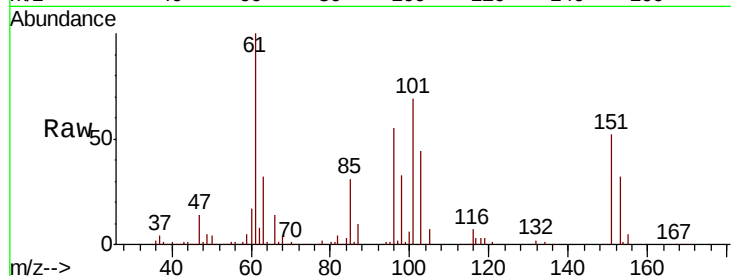




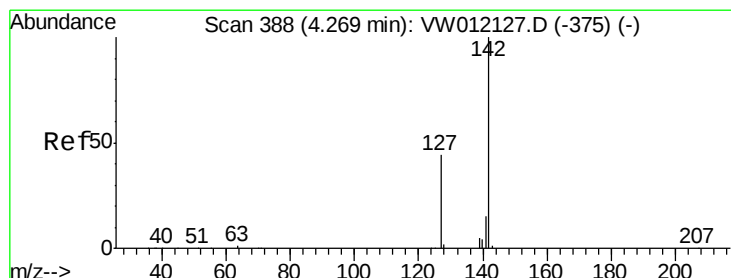
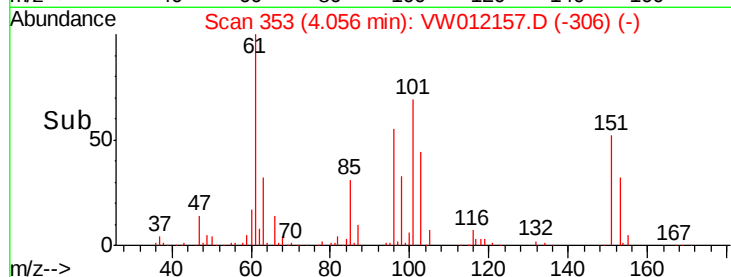
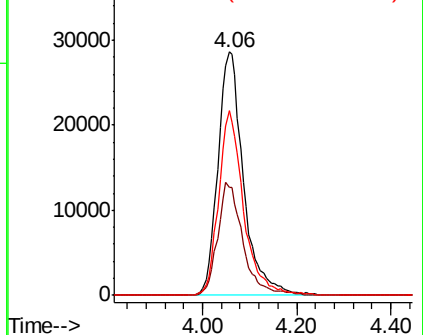
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.891 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 107702
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 73.6 58.6 87.8

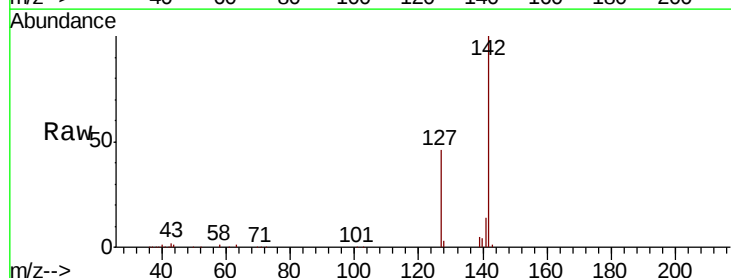


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

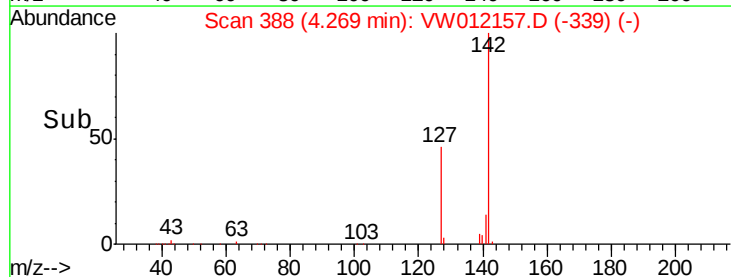
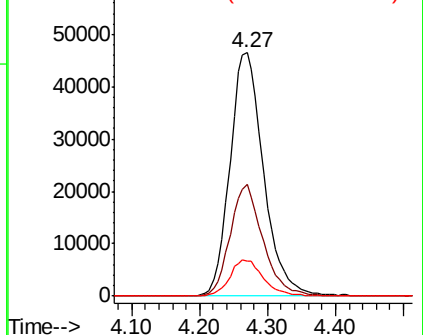


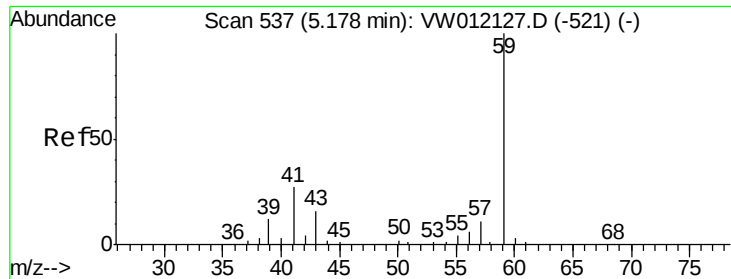
#10
Methyl Iodide
Concen: 53.427 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion:142 Resp: 159243
Ion Ratio Lower Upper
142 100
127 44.9 35.5 53.3
141 14.8 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

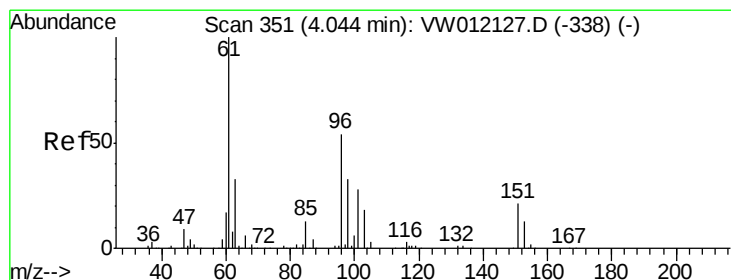
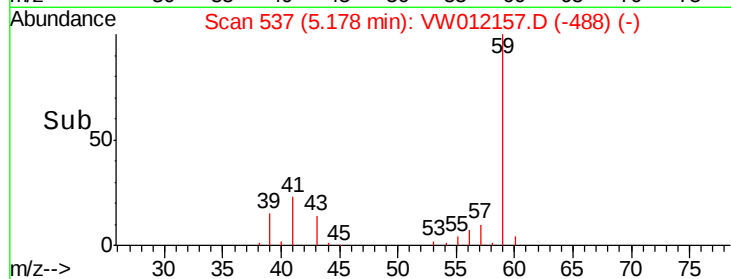
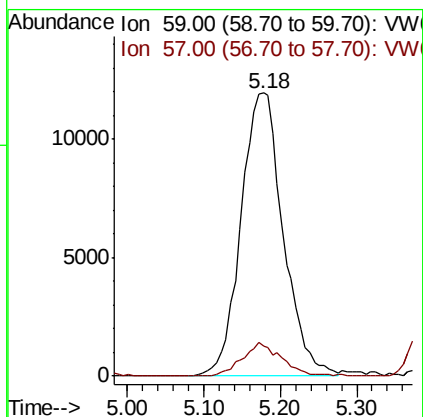
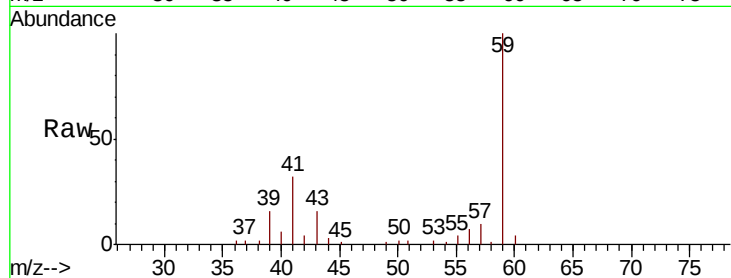




#11
Tert butyl alcohol
Concen: 289.239 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

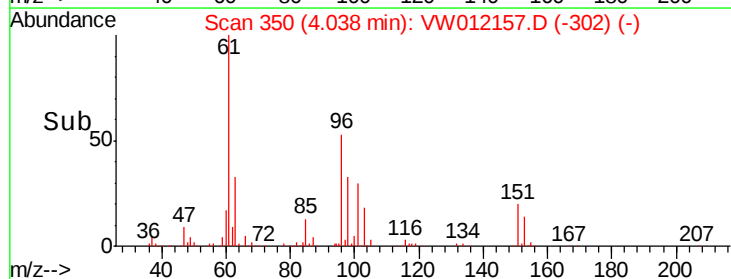
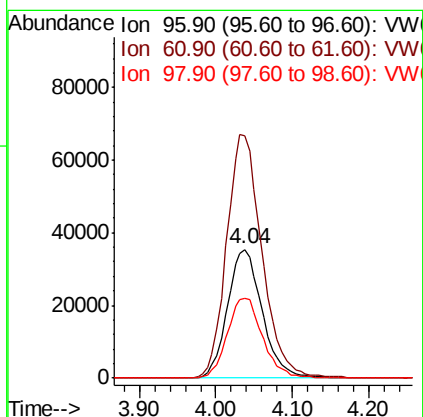
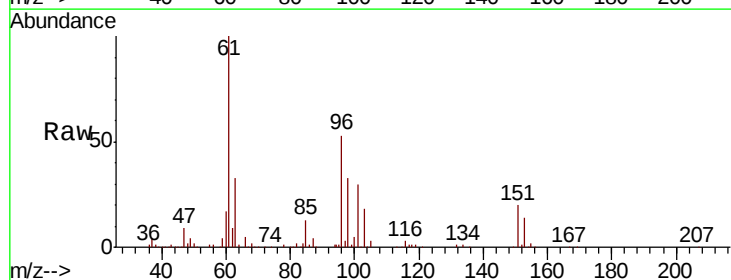
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

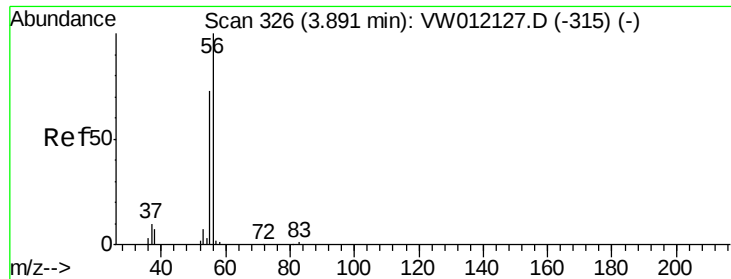
Tgt Ion: 59 Resp: 45739
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4



#12
1,1-Dichloroethene
Concen: 50.273 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 96 Resp: 111467
Ion Ratio Lower Upper
96 100
61 187.3 149.1 223.7
98 61.3 49.4 74.2

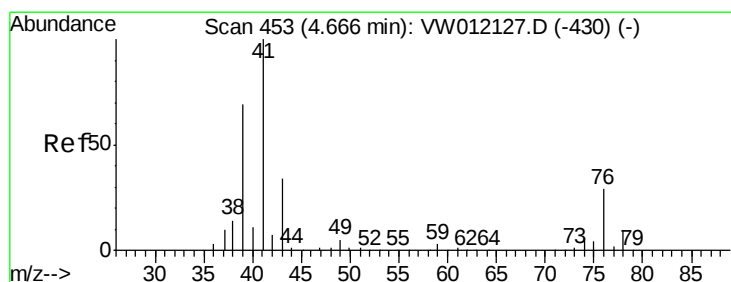
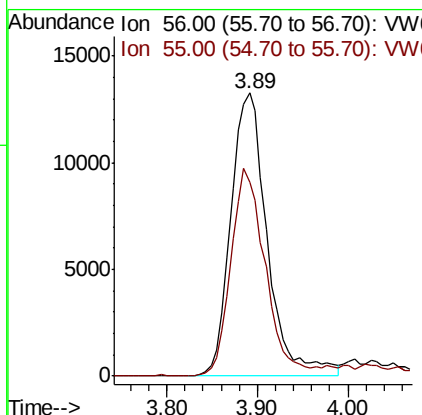
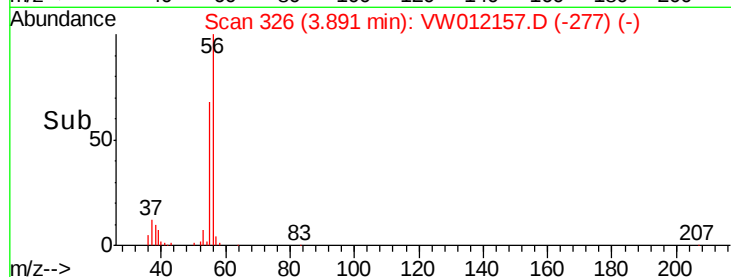
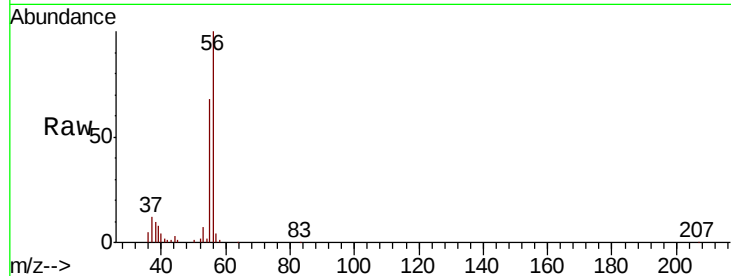




#13
 Acrolein
 Concen: 249.173 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

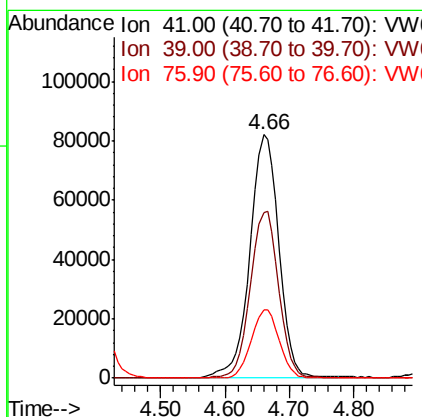
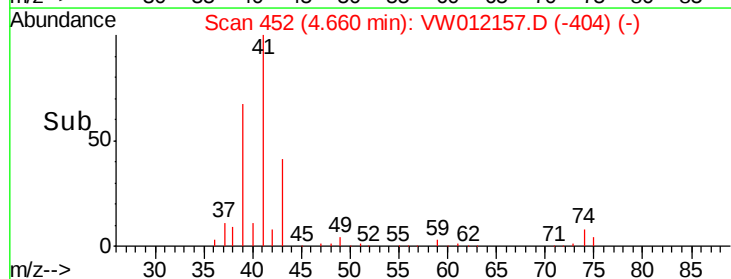
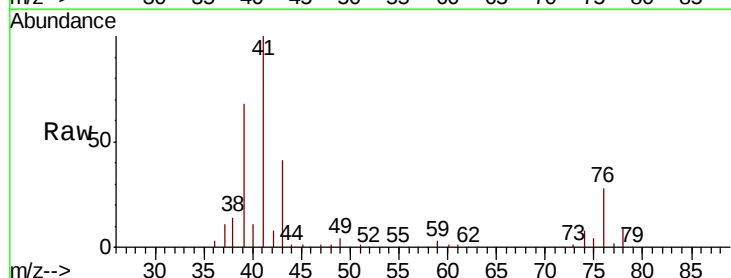
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

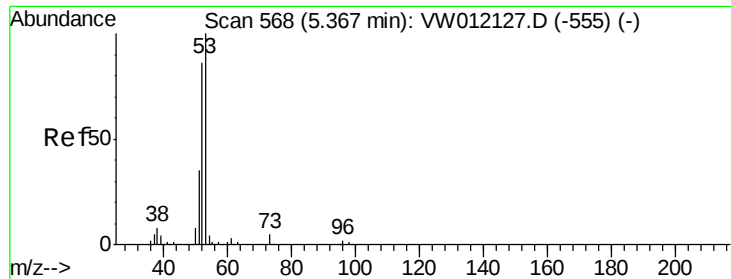
Tgt Ion: 56 Resp: 37091
 Ion Ratio Lower Upper
 56 100
 55 68.8 55.8 83.8



#14
 Allyl chloride
 Concen: 53.380 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 41 Resp: 253025
 Ion Ratio Lower Upper
 41 100
 39 66.9 53.4 80.2
 76 27.2 22.1 33.1





#15

Acrylonitrile

Concen: 304.196 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

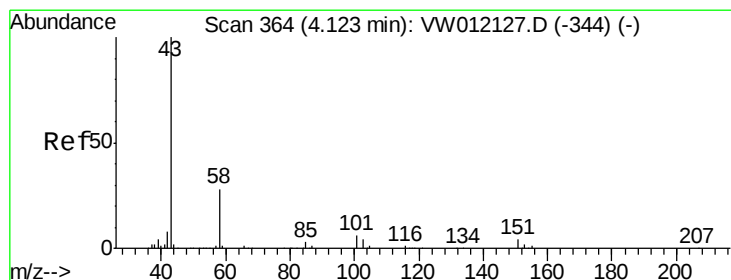
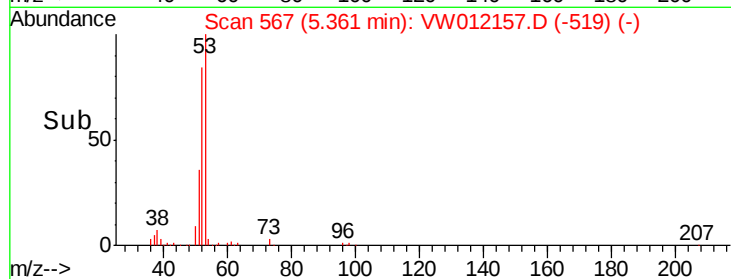
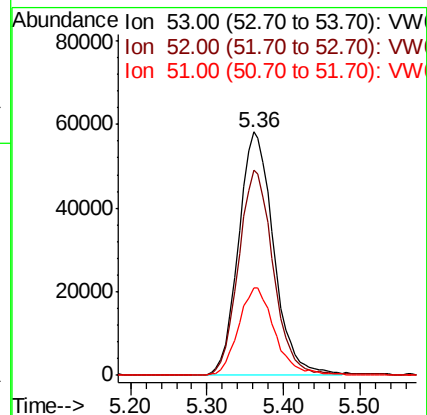
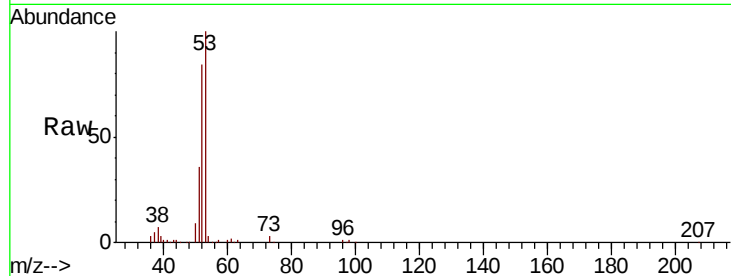
Tgt Ion: 53 Resp: 185477

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.1 30.1 45.1



#16

Acetone

Concen: 238.506 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW012157.D

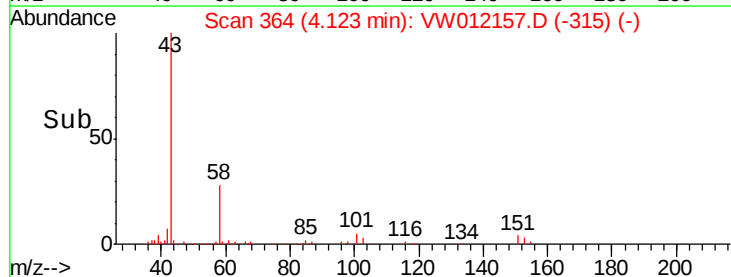
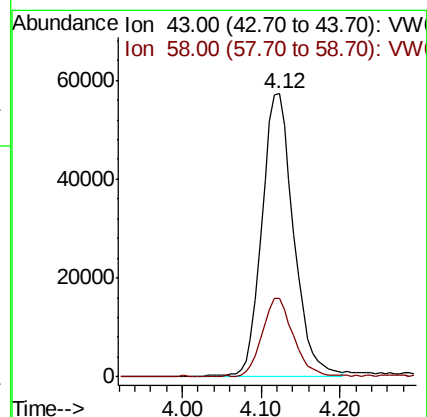
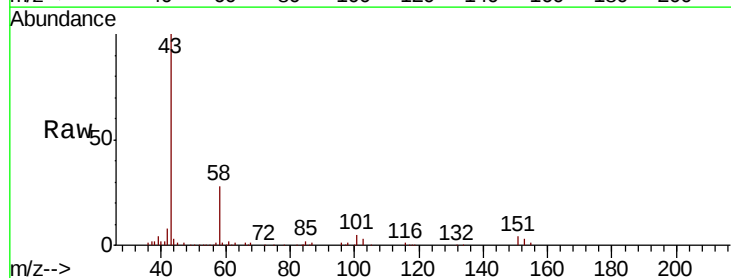
Acq: 24 Aug 2019 01:51

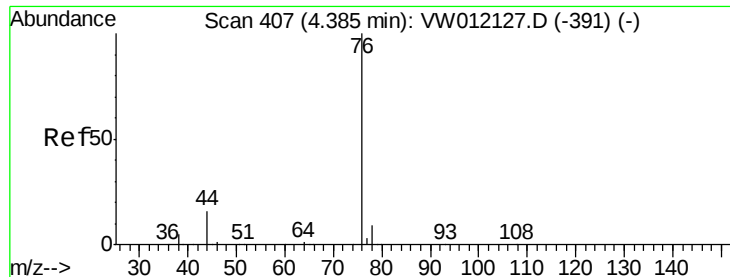
Tgt Ion: 43 Resp: 160205

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6

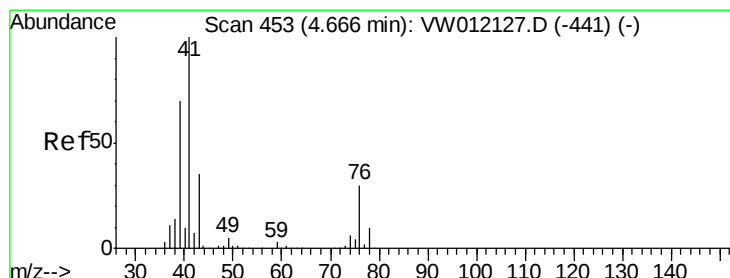
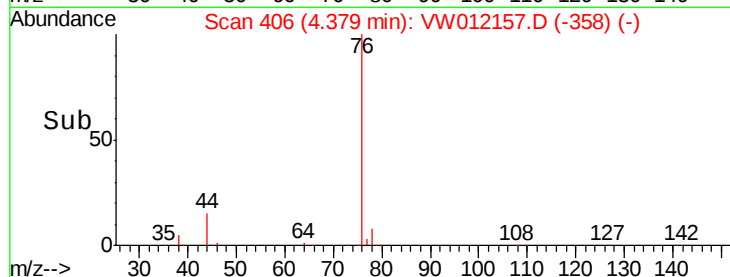
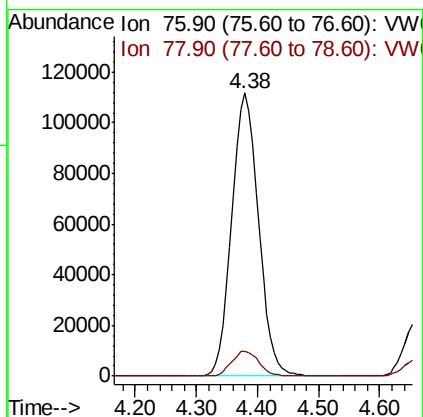
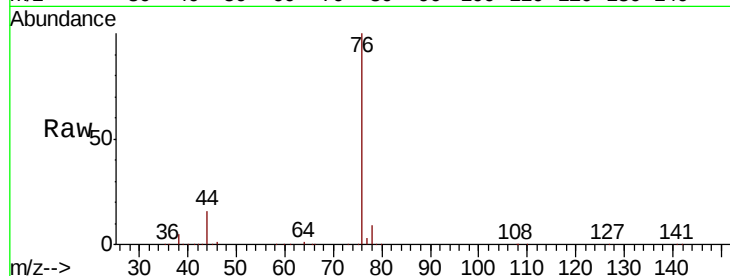




#17
Carbon Disulfide
Concen: 50.559 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

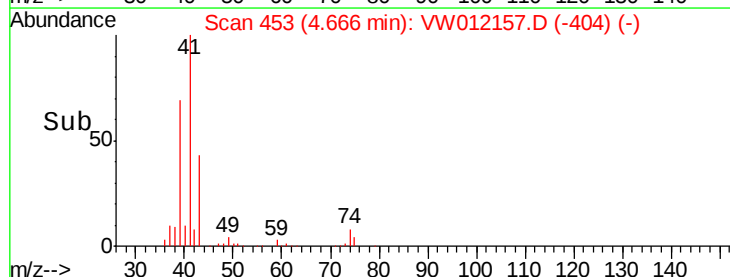
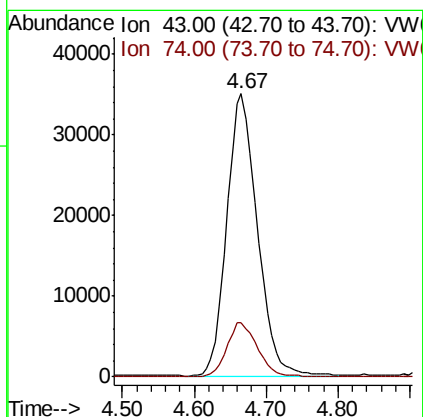
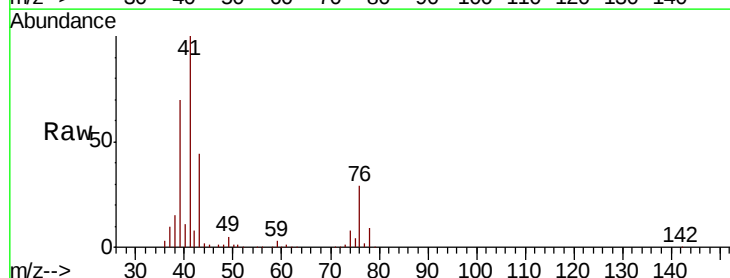
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 338793
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 62.141 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 43 Resp: 103384
Ion Ratio Lower Upper
43 100
74 19.3 15.7 23.5

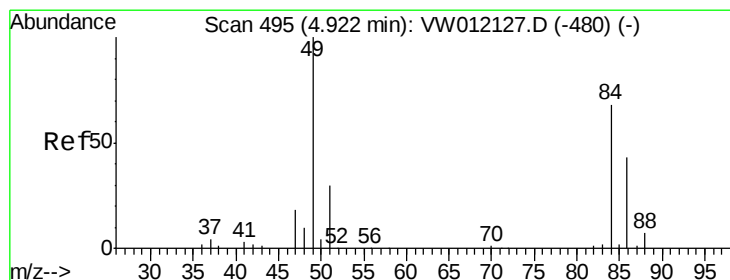
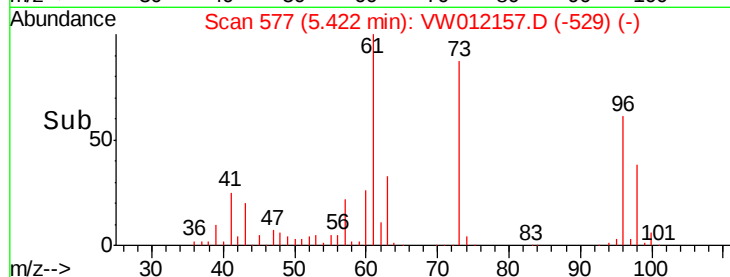
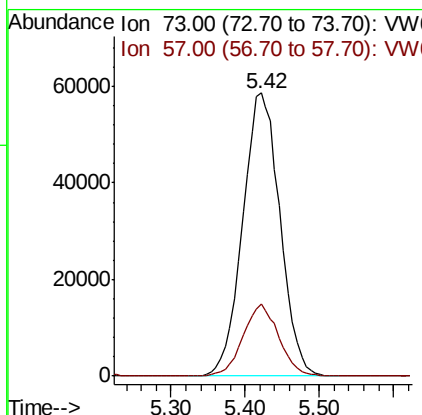
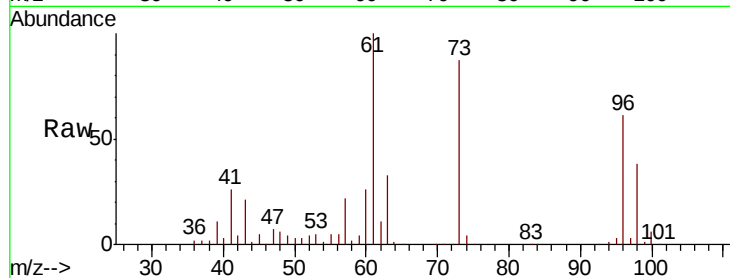




#19
Methyl tert-butyl Ether
Concen: 57.353 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

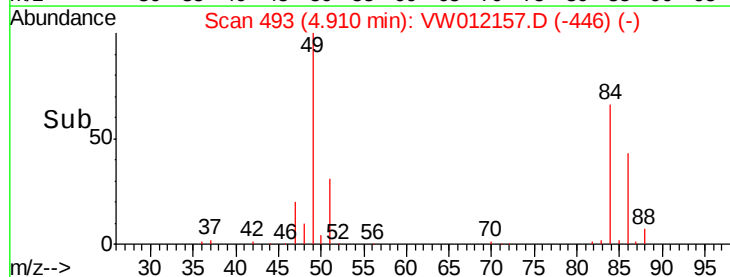
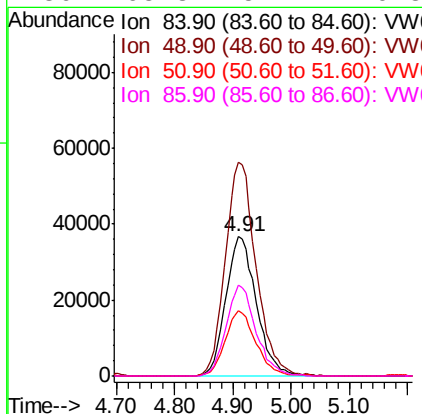
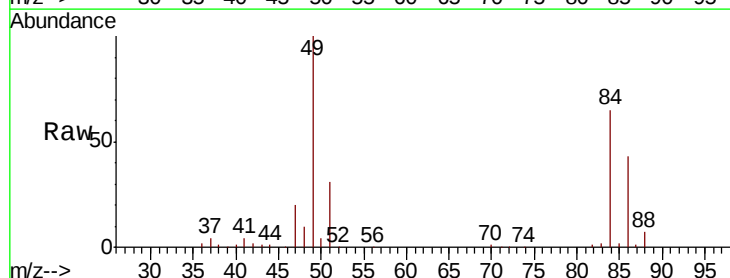
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

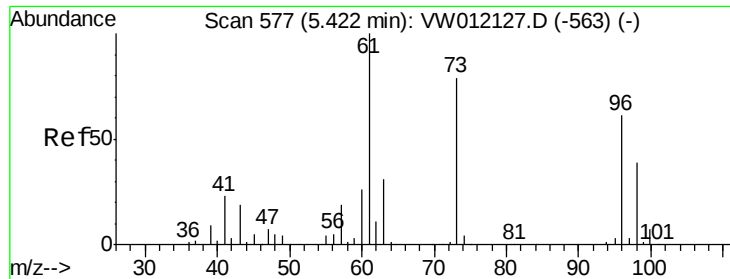
Tgt Ion: 73 Resp: 205644
Ion Ratio Lower Upper
73 100
57 25.5 18.9 28.3



#20
Methylene Chloride
Concen: 52.514 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 84 Resp: 133349
Ion Ratio Lower Upper
84 100
49 153.3 117.8 176.8
51 47.2 35.6 53.4
86 65.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 54.092 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

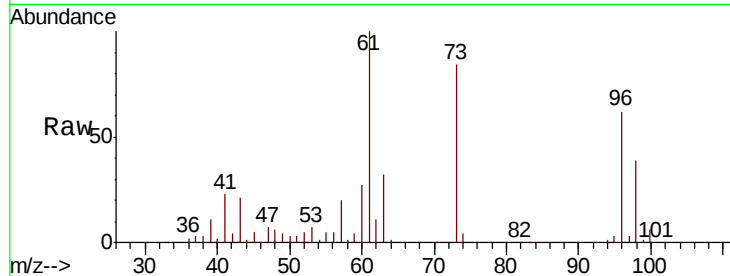
Tgt Ion: 96 Resp: 128611

Ion Ratio Lower Upper

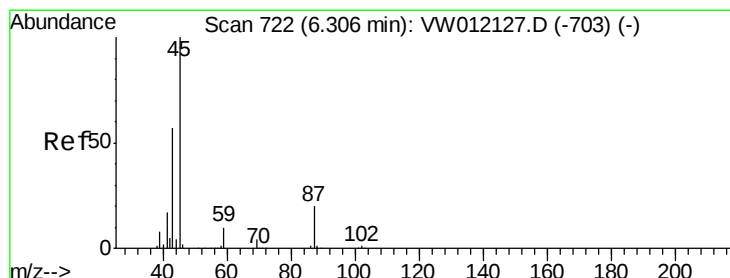
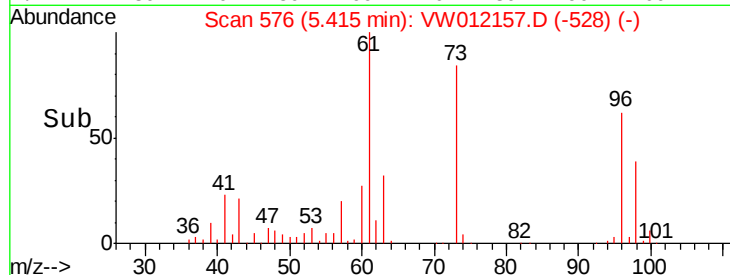
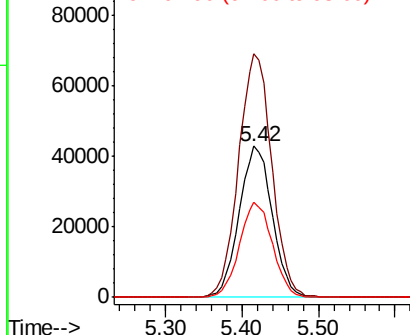
96 100

61 161.1 131.4 197.0

98 62.7 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: 57.965 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Tgt Ion: 45 Resp: 509290

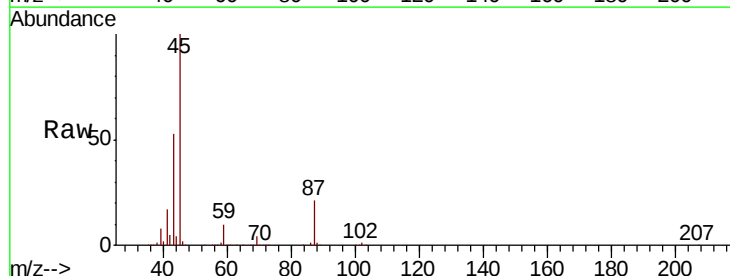
Ion Ratio Lower Upper

45 100

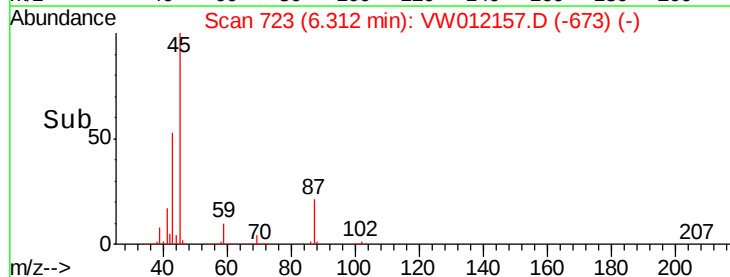
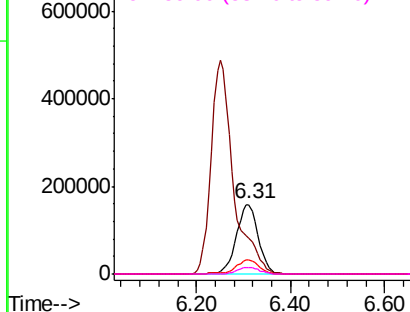
43 52.5 45.5 68.3

87 20.7 16.1 24.1

59 9.5 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

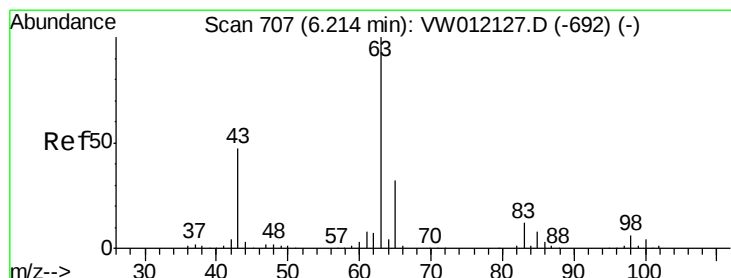
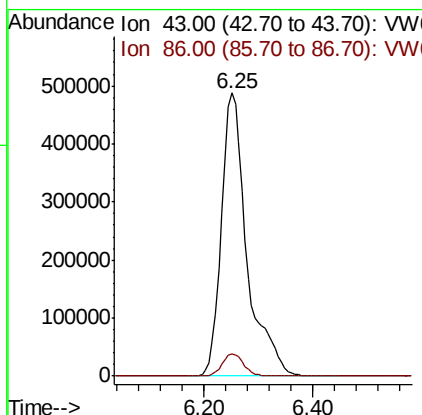
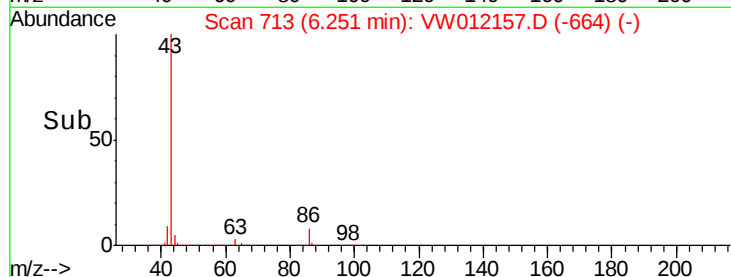
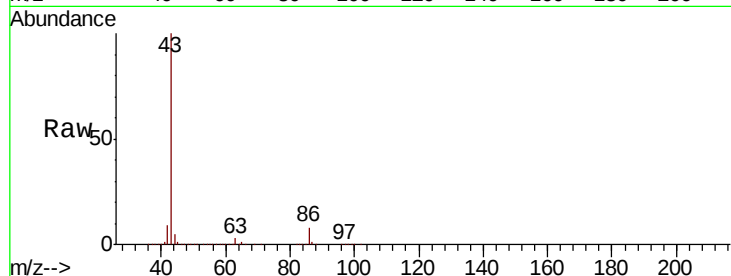




#23
 Vinyl Acetate
 Concen: 295.270 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

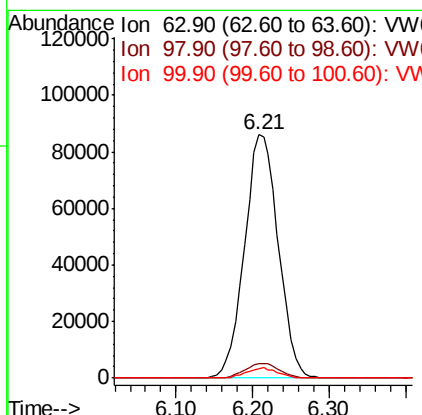
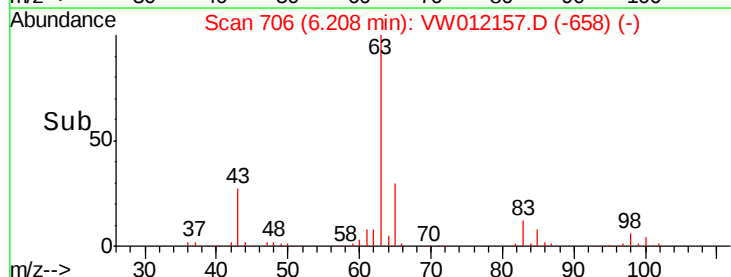
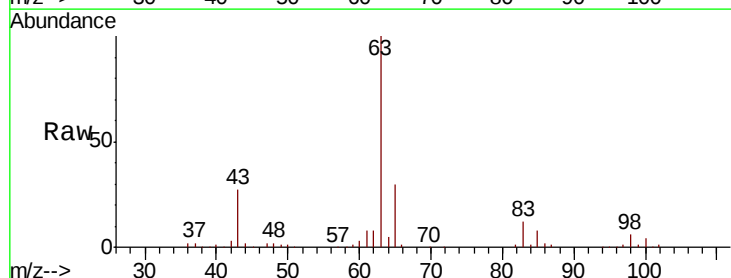
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

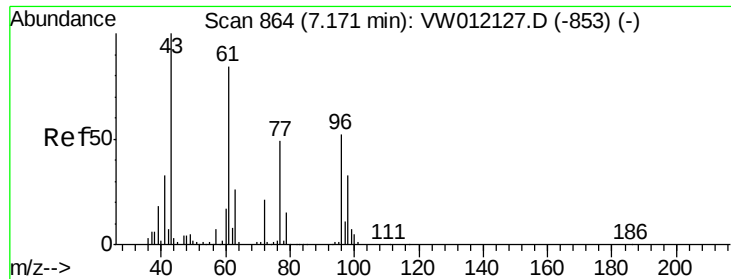
Tgt Ion: 43 Resp: 1596579
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 55.267 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 63 Resp: 264396
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 286.293 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

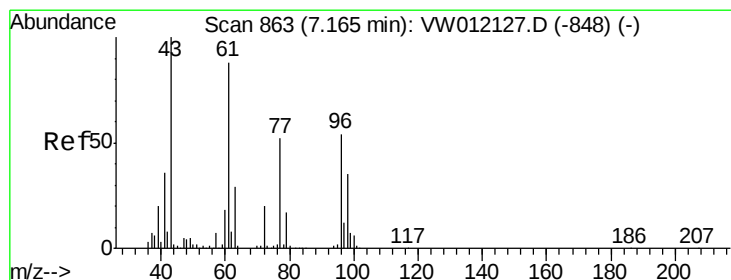
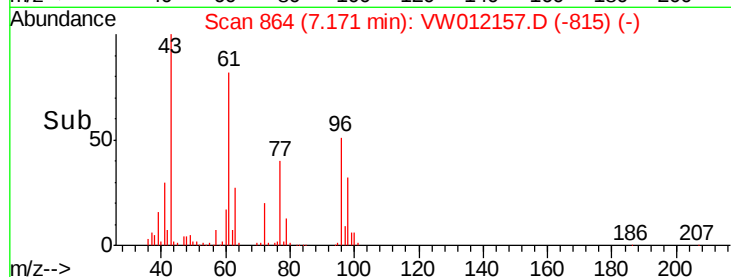
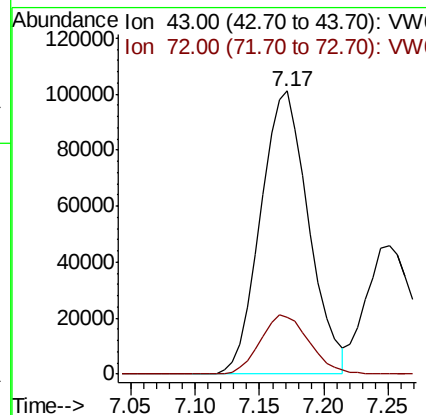
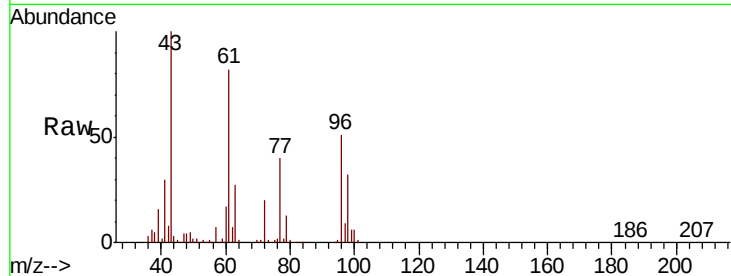
VSTDCCC050EC

Tgt Ion: 43 Resp: 261319

Ion Ratio Lower Upper

43 100

72 20.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 46.391 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012157.D

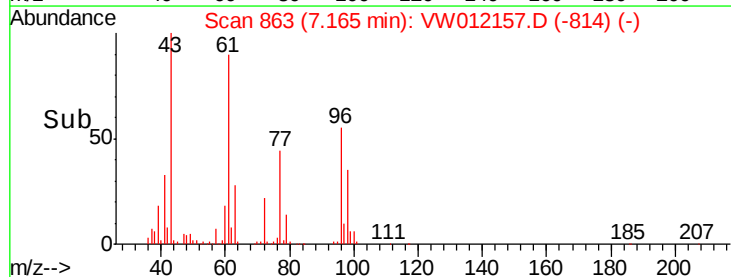
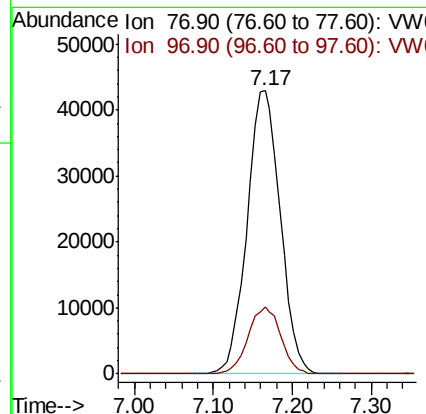
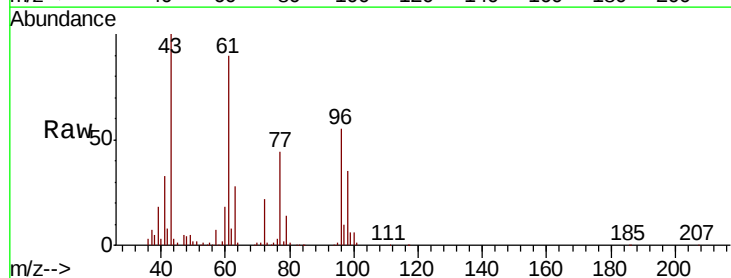
Acq: 24 Aug 2019 01:51

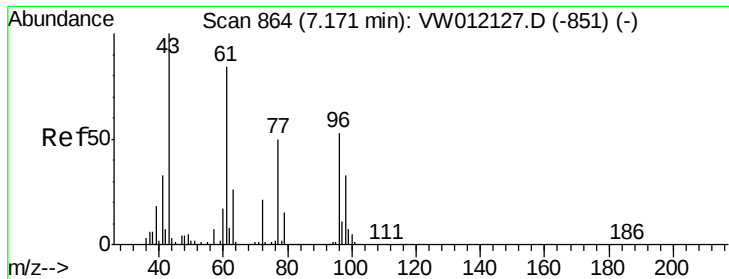
Tgt Ion: 77 Resp: 125616

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.1



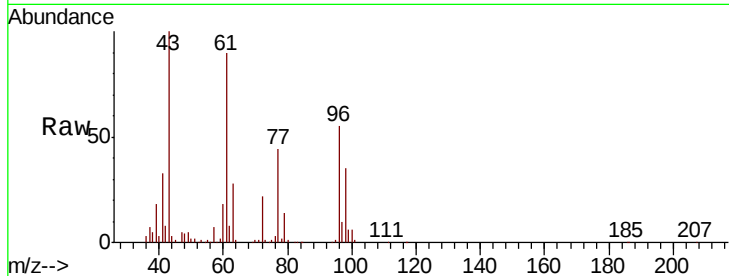


#27

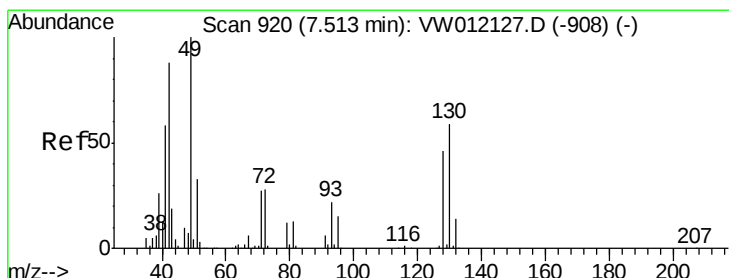
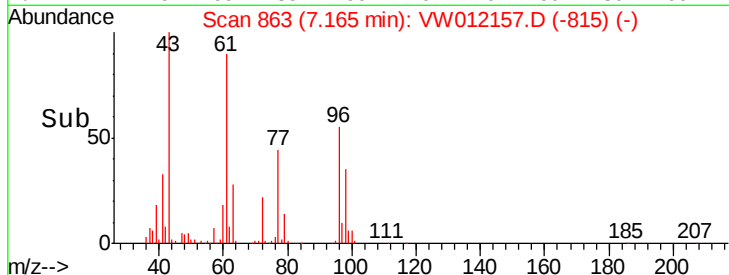
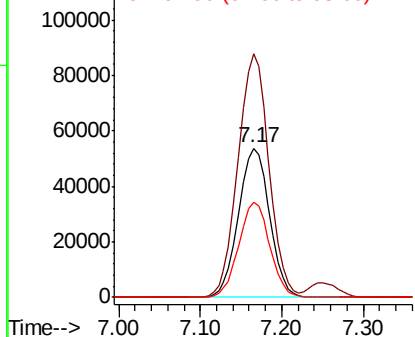
cis-1,2-Dichloroethene
 Concen: 56.009 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 142280
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 326.6
 98 63.4 0.0 127.4



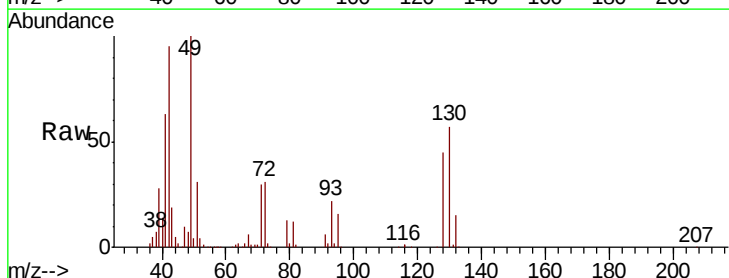
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



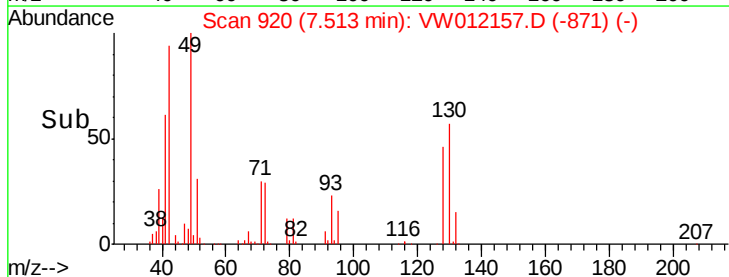
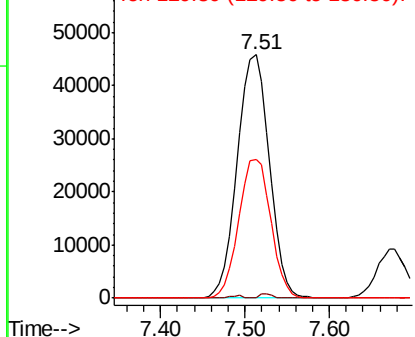
#28

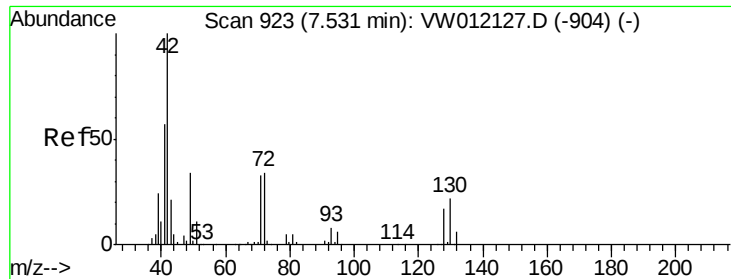
Bromochloromethane
 Concen: 56.702 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 49 Resp: 118229
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.4
 130 56.8 45.5 68.3



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

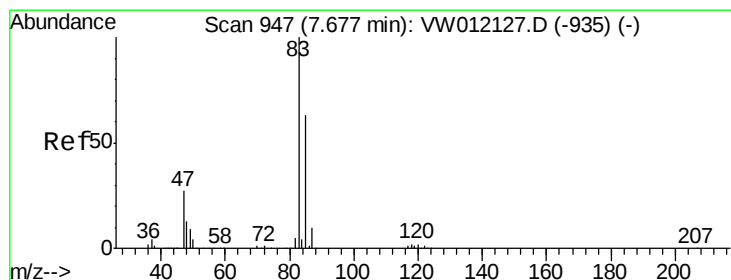
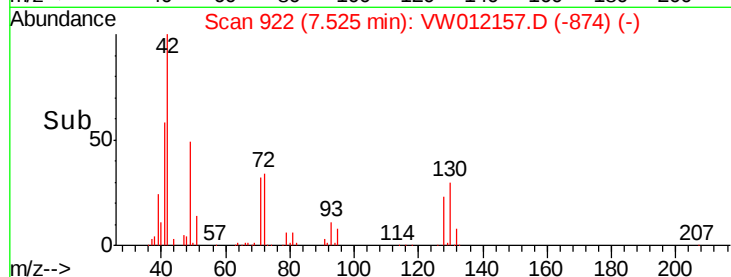
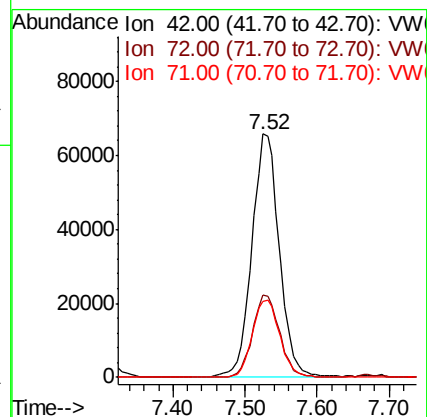
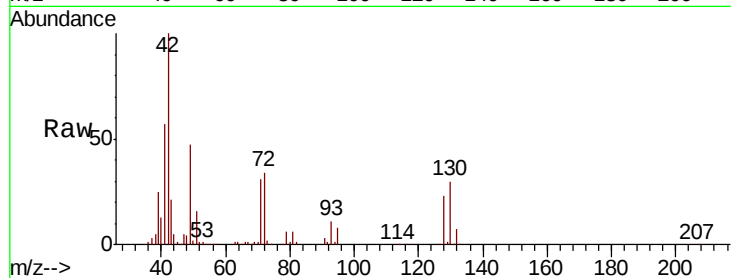




#29
Tetrahydrofuran
Concen: 316.596 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

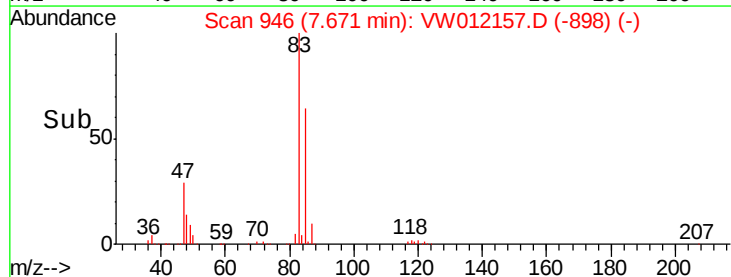
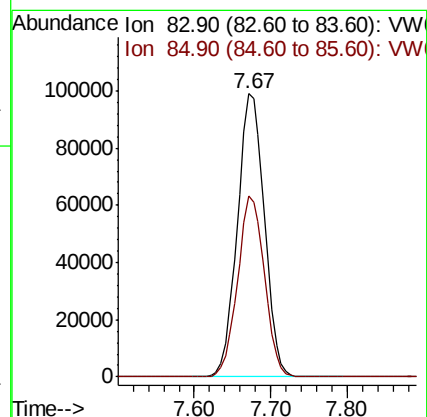
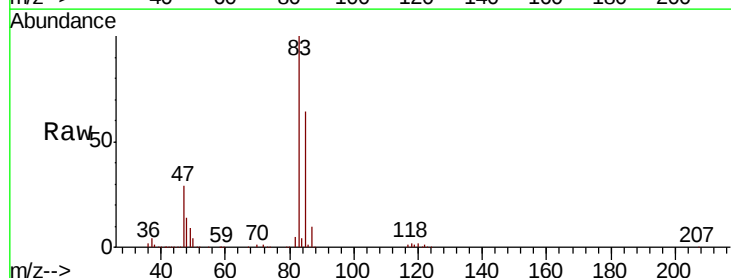
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

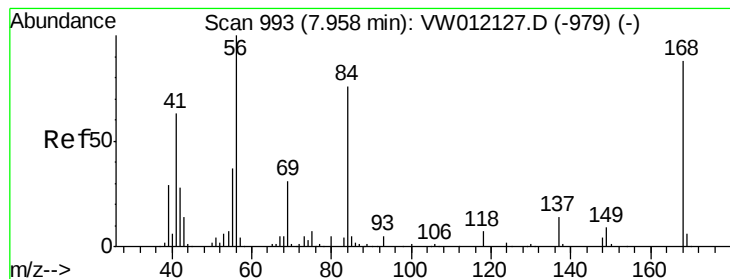
Tgt Ion: 42 Resp: 173375
Ion Ratio Lower Upper
42 100
72 33.6 27.3 40.9
71 32.1 25.5 38.3



#30
Chloroform
Concen: 55.284 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 83 Resp: 241966
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0





#31

Cyclohexane

Concen: 47.112 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

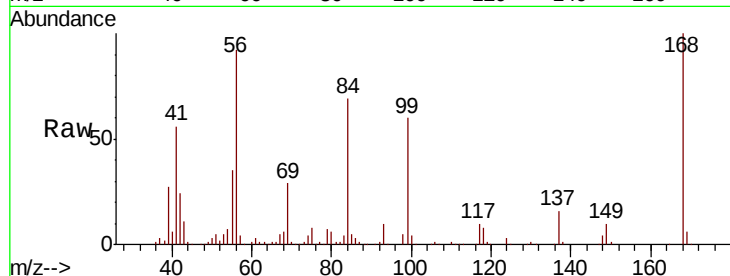
Tgt Ion: 56 Resp: 222987

Ion Ratio Lower Upper

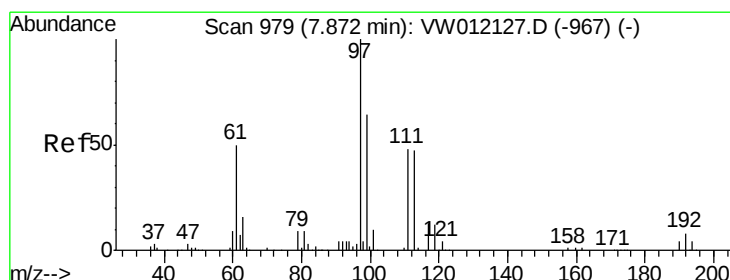
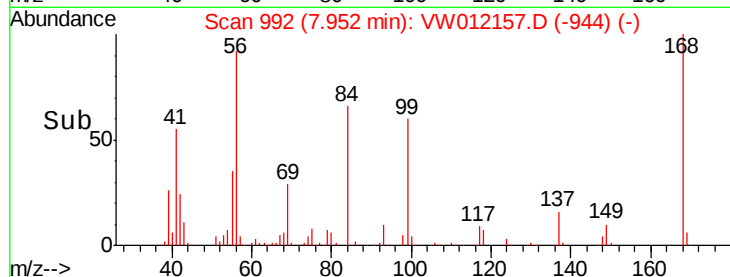
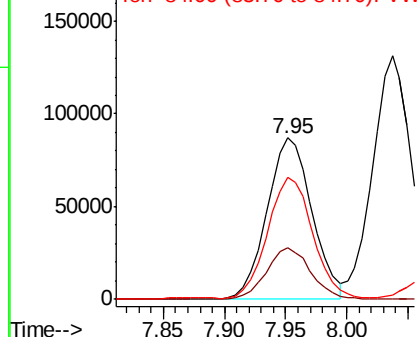
56 100

69 31.7 24.9 37.3

84 74.0 60.6 90.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 52.685 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

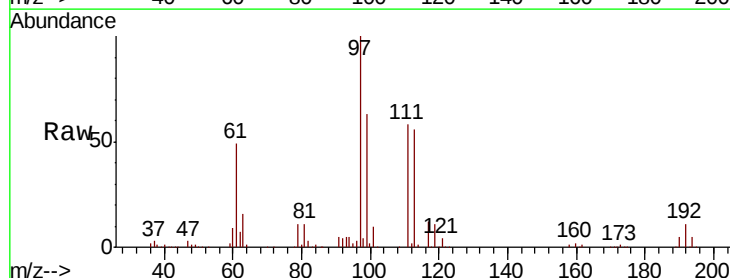
Tgt Ion: 97 Resp: 182418

Ion Ratio Lower Upper

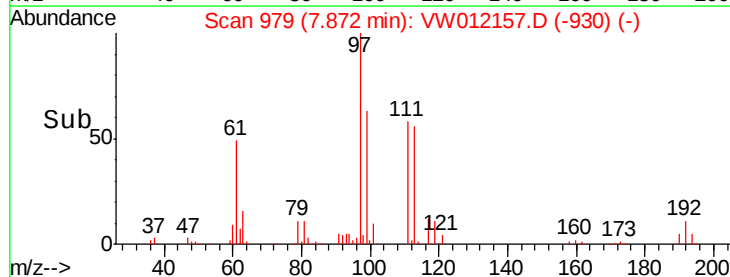
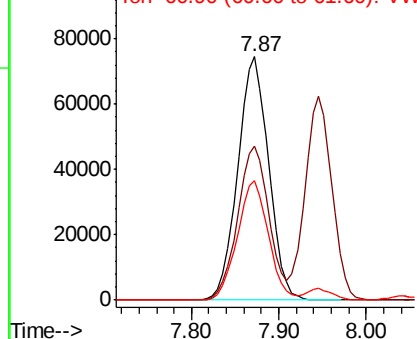
97 100

99 64.3 51.4 77.0

61 49.3 39.5 59.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

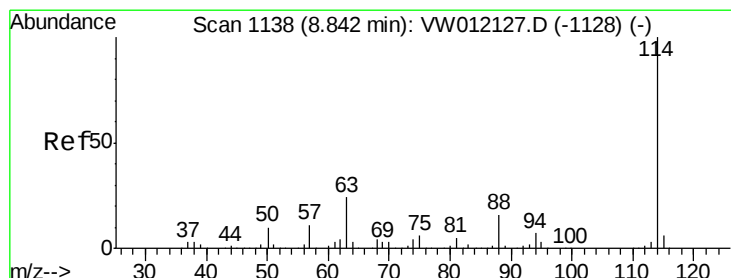
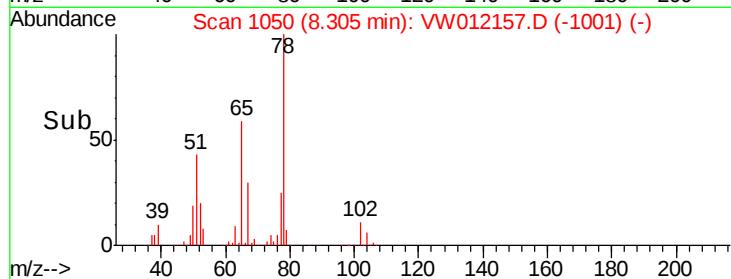
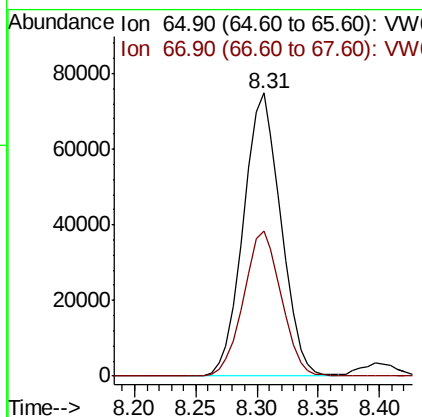
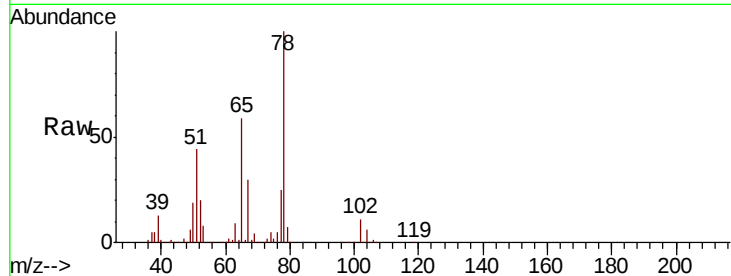




#33
 1,2-Dichloroethane-d4
 Concen: 60.837 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

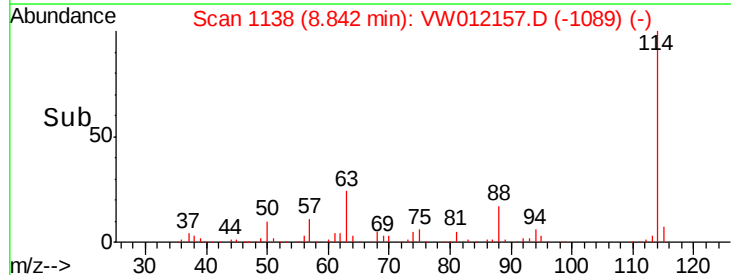
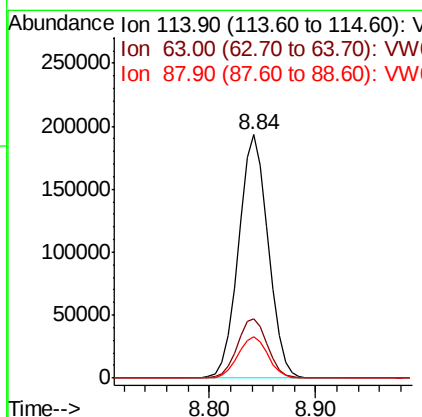
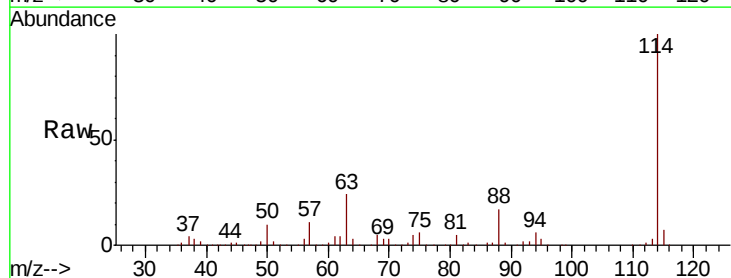
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 159864
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 114 Resp: 376858
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 48.6
 88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.771 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

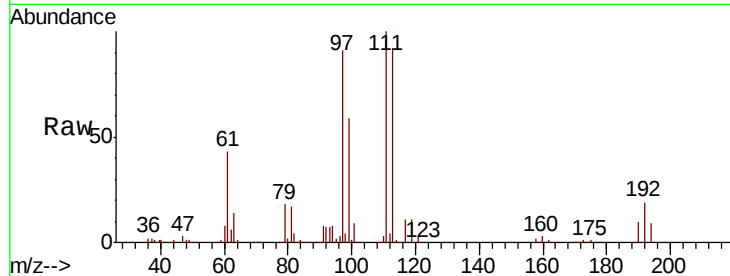
Tgt Ion:113 Resp: 123206

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

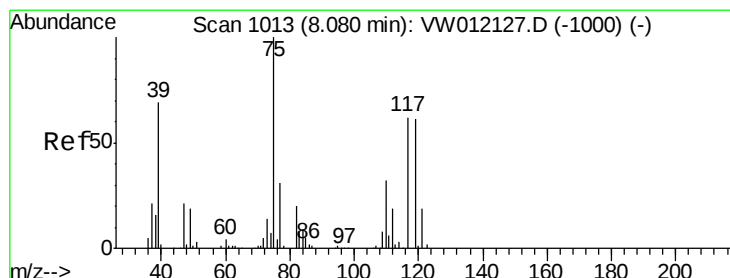
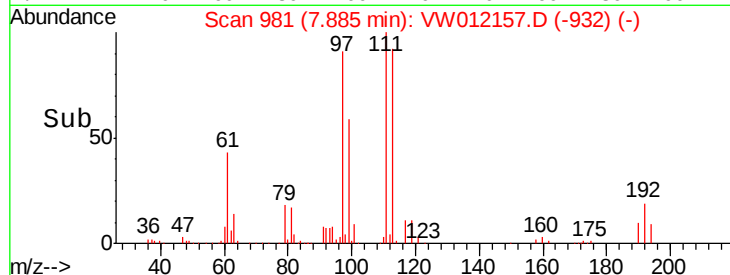
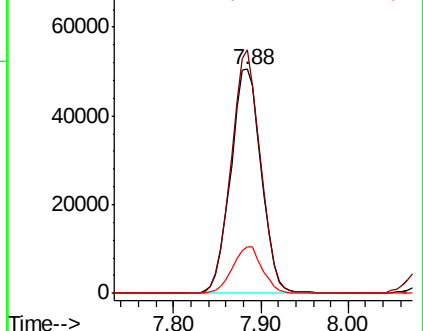
192 20.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.858 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

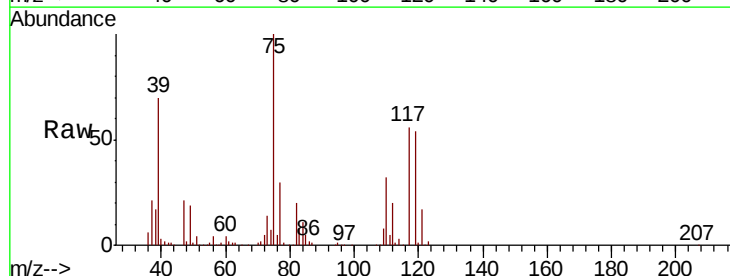
Tgt Ion: 75 Resp: 190273

Ion Ratio Lower Upper

75 100

110 31.1 15.6 46.8

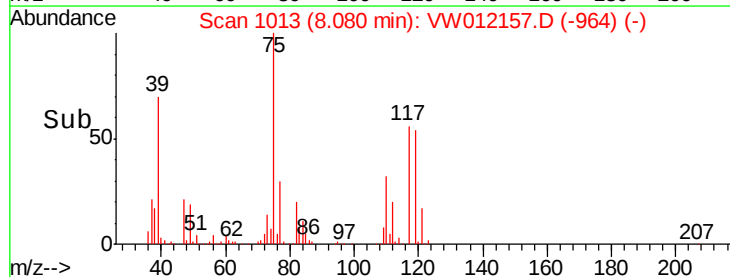
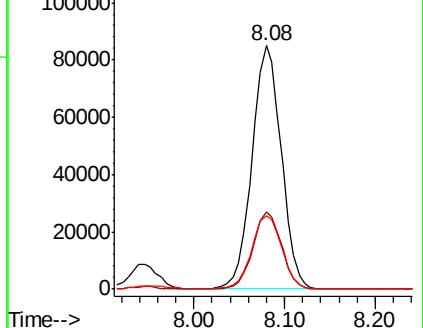
77 31.0 24.6 36.8

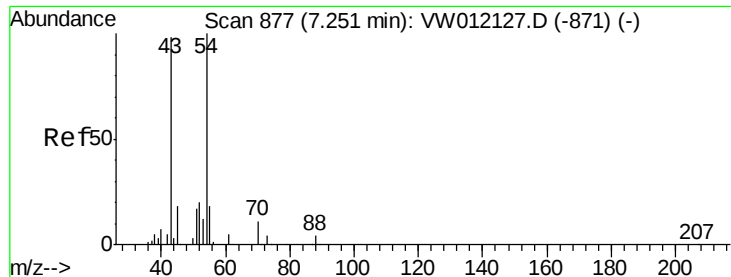


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

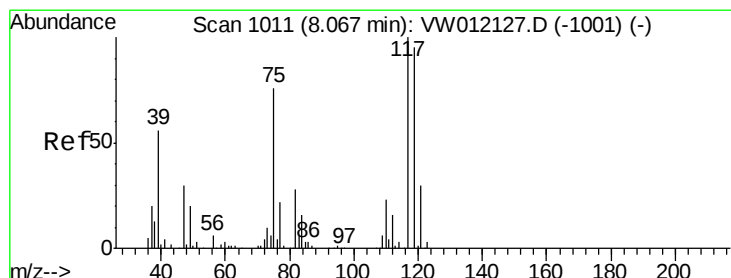
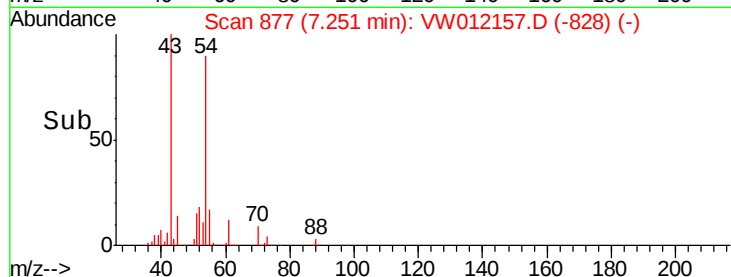
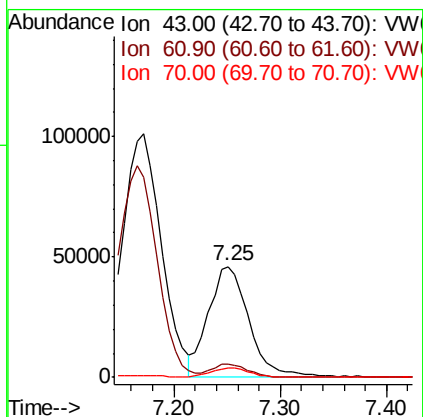
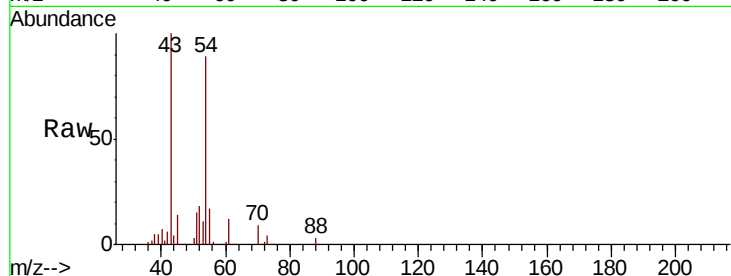




#37
Ethyl Acetate
Concen: 56.234 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

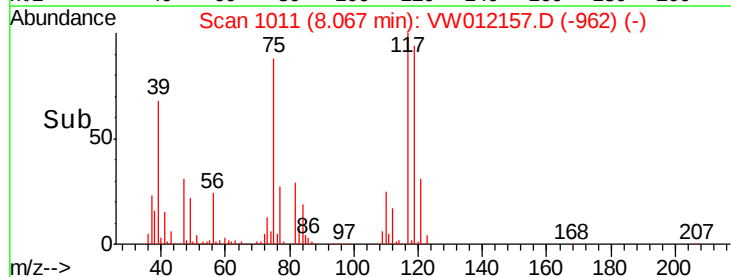
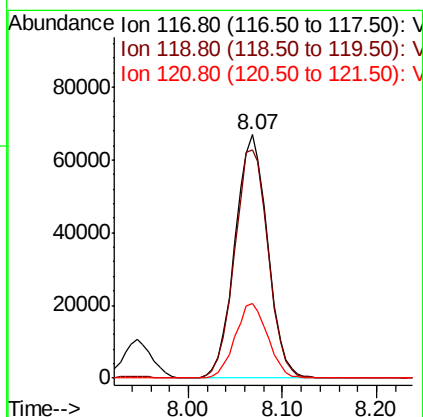
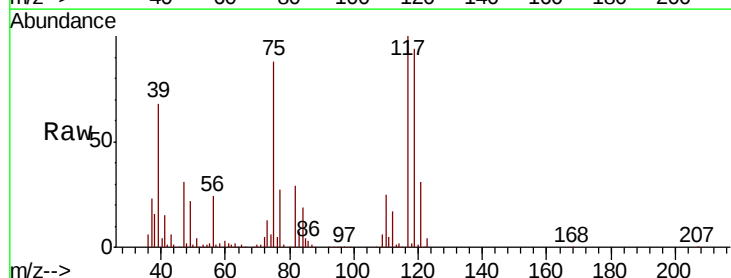
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

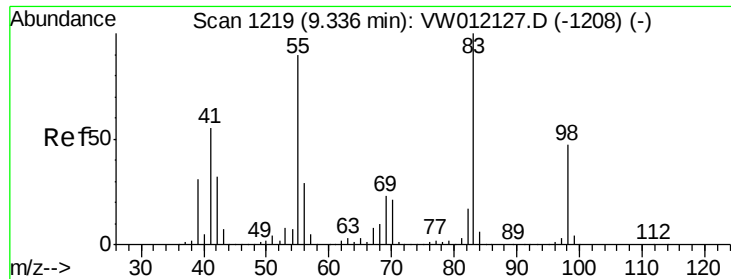
Tgt Ion: 43 Resp: 120007
Ion Ratio Lower Upper
43 100
61 11.3 9.2 13.8
70 8.5 6.9 10.3



#38
Carbon Tetrachloride
Concen: 48.090 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 117 Resp: 162096
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.2
121 30.7 23.8 35.8

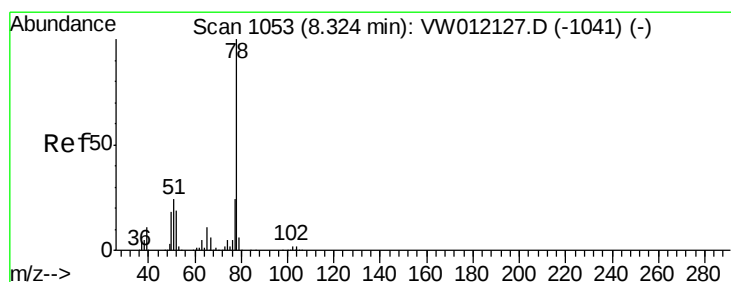
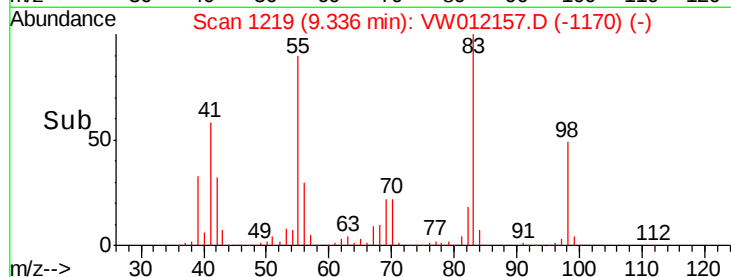
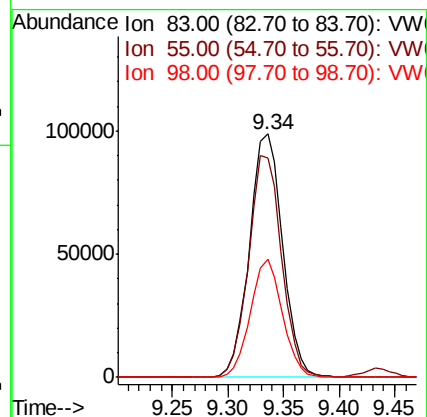
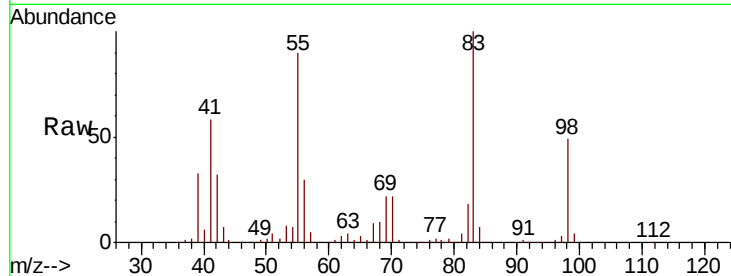




#39
Methylcyclohexane
Concen: 47.015 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

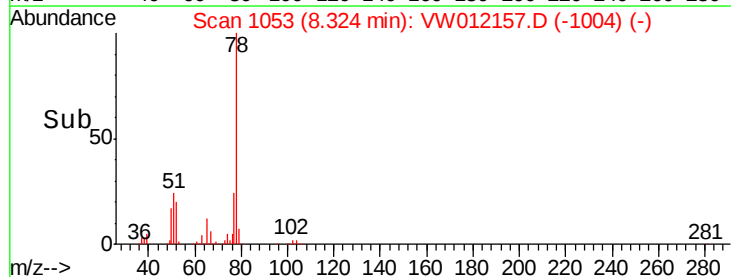
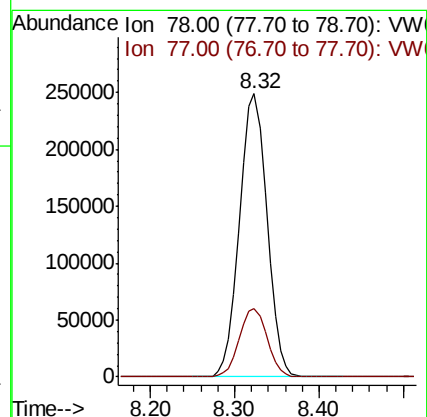
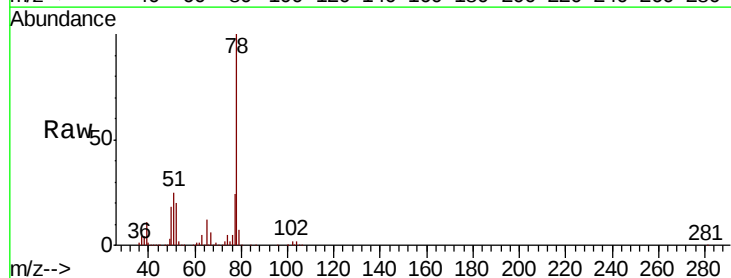
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

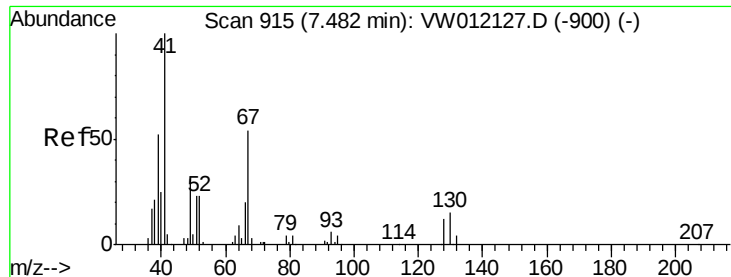
Tgt Ion: 83 Resp: 205694
Ion Ratio Lower Upper
83 100
55 90.3 71.8 107.8
98 48.5 37.8 56.8



#40
Benzene
Concen: 51.672 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 78 Resp: 549471
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3





#41

Methacrylonitrile

Concen: 58.164 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 72953

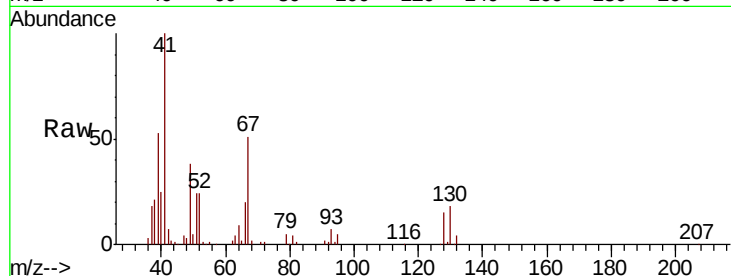
Ion Ratio Lower Upper

41 100

39 59.6 45.8 68.8

67 55.7 46.2 69.4

52 26.4 21.0 31.6



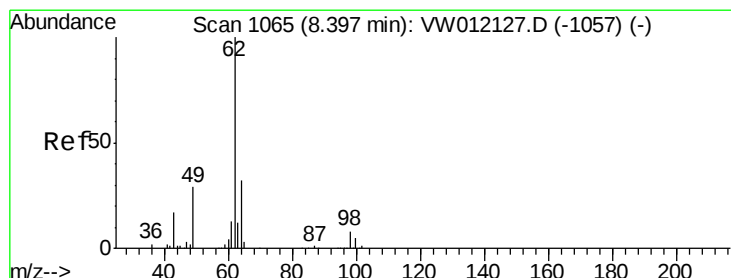
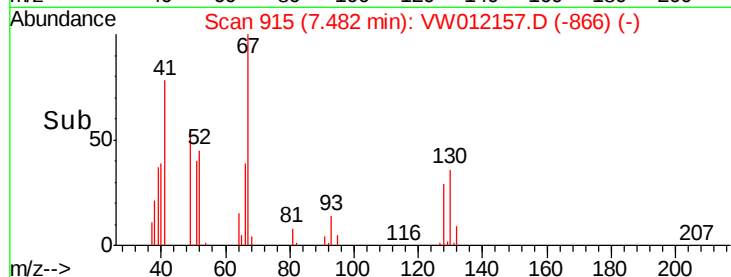
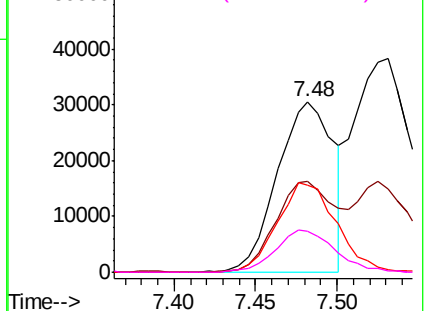
Abundance

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: 54.374 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012157.D

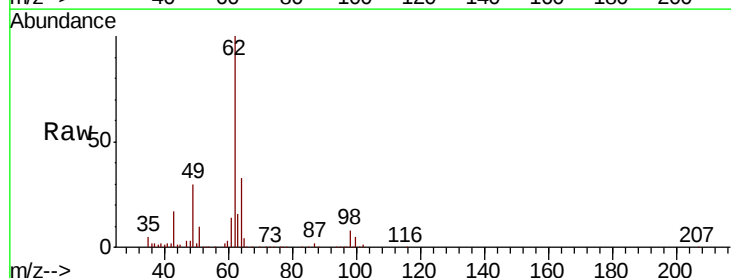
Acq: 24 Aug 2019 01:51

Tgt Ion: 62 Resp: 181215

Ion Ratio Lower Upper

62 100

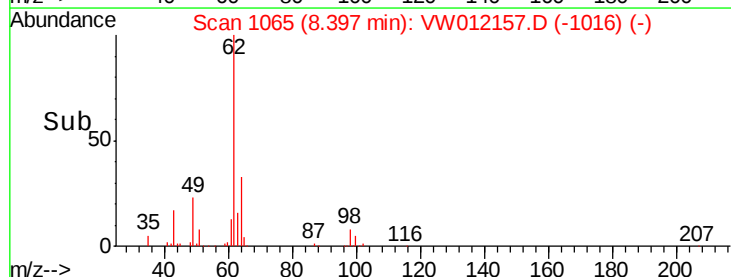
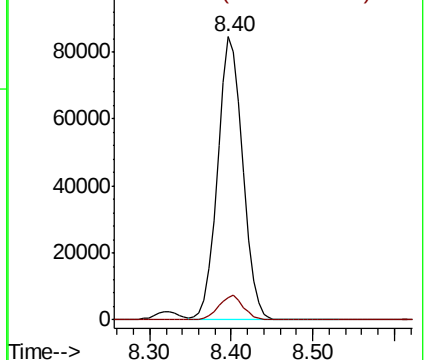
98 8.4 0.0 16.6

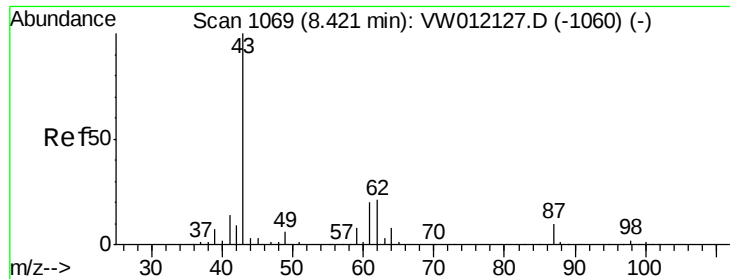


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 56.428 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

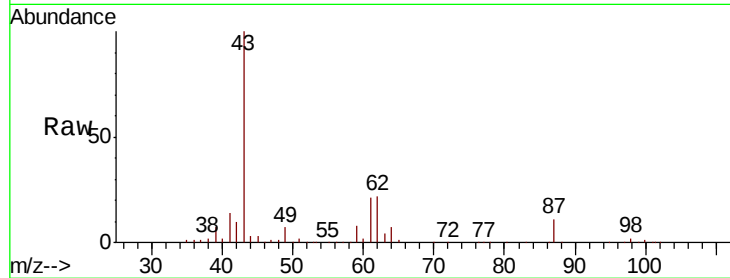
Tgt Ion: 43 Resp: 223058

Ion Ratio Lower Upper

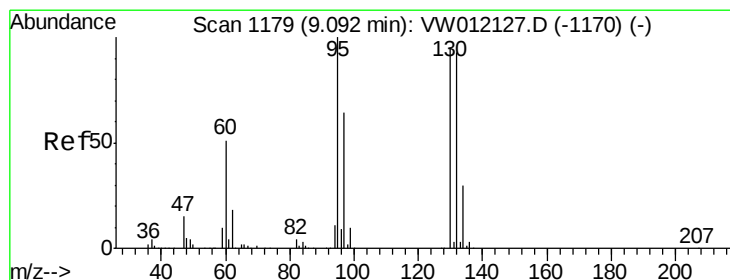
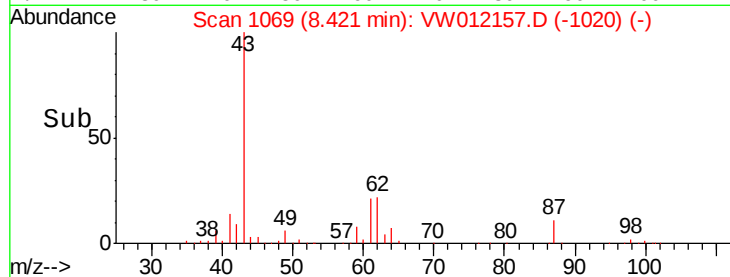
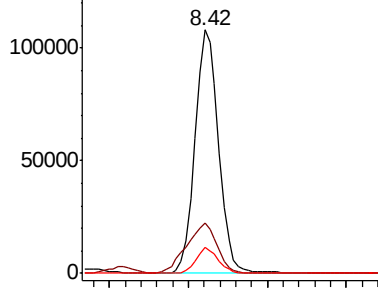
43 100

61 26.7 21.1 31.7

87 10.1 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: 50.414 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012157.D

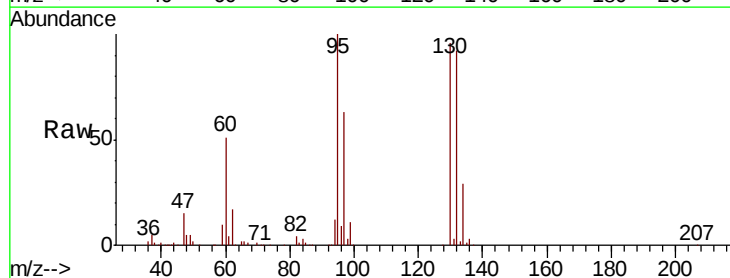
Acq: 24 Aug 2019 01:51

Tgt Ion: 130 Resp: 130324

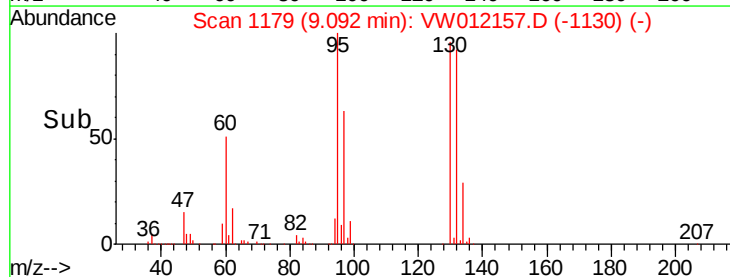
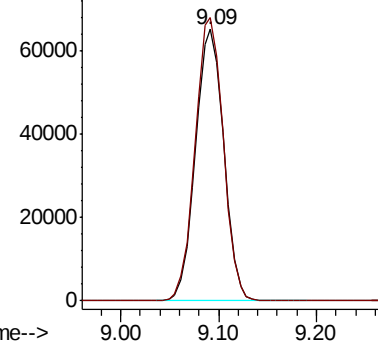
Ion Ratio Lower Upper

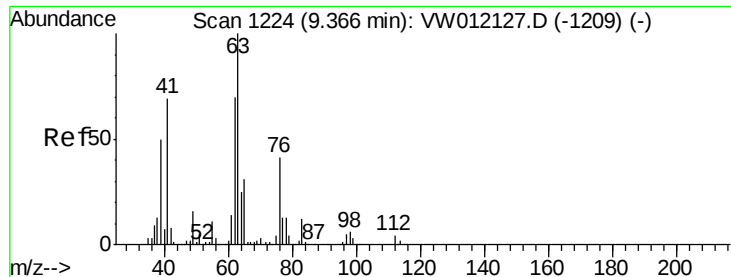
130 100

95 104.1 0.0 210.6



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

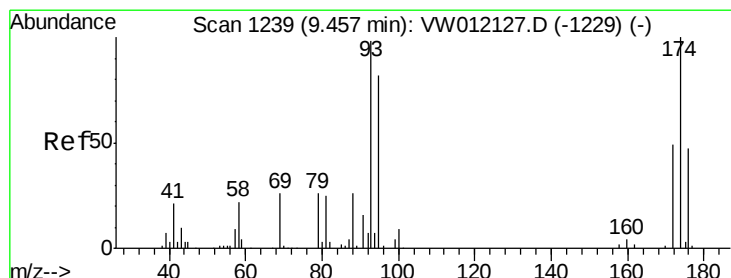
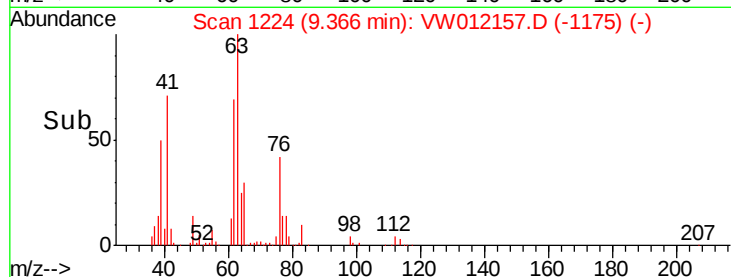
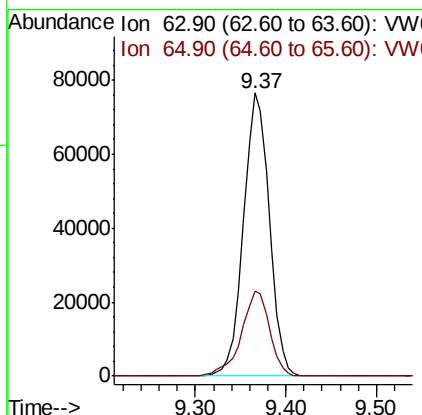
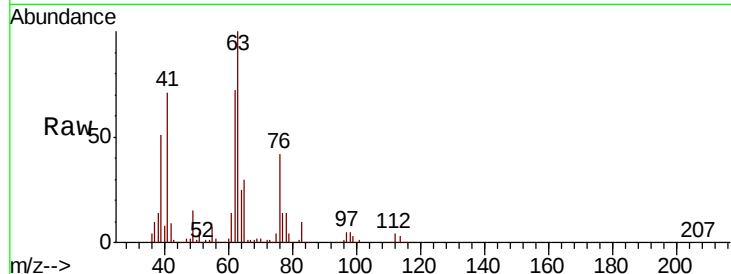




#45
 1,2-Dichloropropane
 Concen: 52.799 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

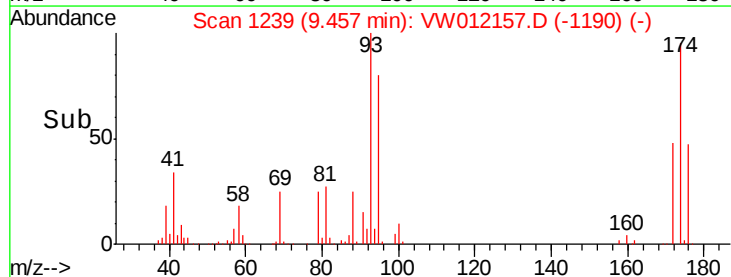
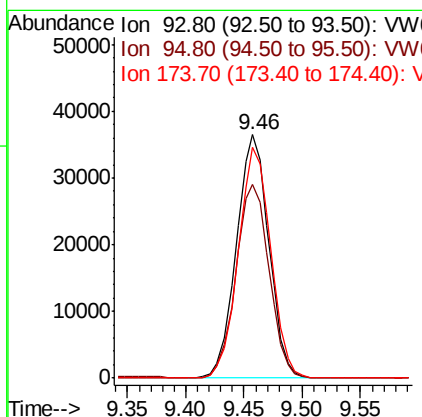
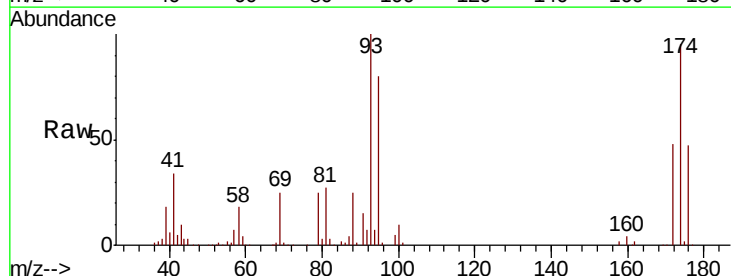
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 151106
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4



#46
 Dibromomethane
 Concen: 55.621 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 93 Resp: 70825
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.2 100.8
 174 95.1 79.0 118.6





#47

Bromodichloromethane

Concen: 53.344 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

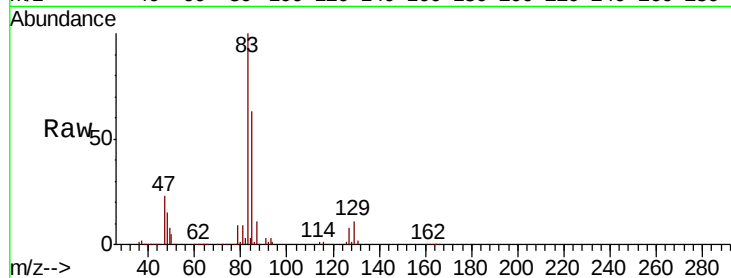
Tgt Ion: 83 Resp: 180778

Ion Ratio Lower Upper

83 100

85 63.1 49.4 74.2

127 8.4 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

120000

100000

80000

60000

40000

20000

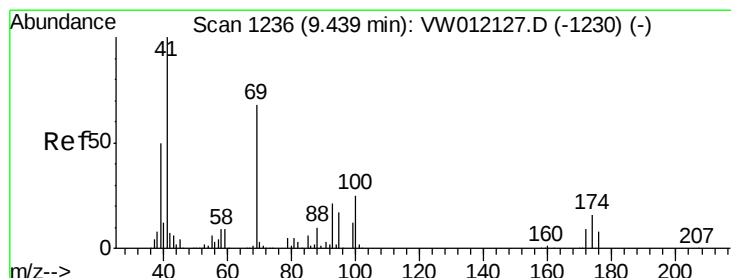
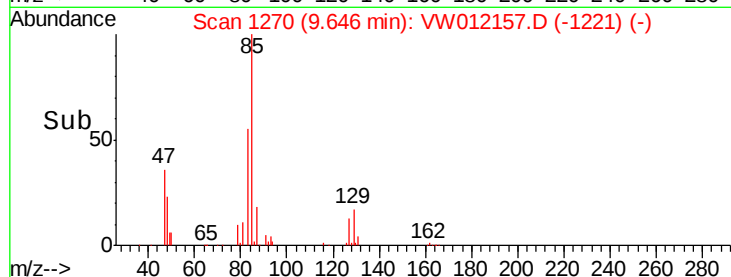
0

9.60

9.65

9.70

Time-->



#48

Methyl methacrylate

Concen: 58.153 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

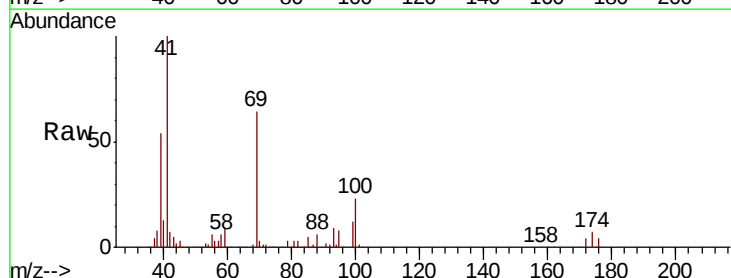
Tgt Ion: 41 Resp: 109409

Ion Ratio Lower Upper

41 100

69 69.9 56.7 85.1

39 57.1 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

80000

60000

40000

20000

0

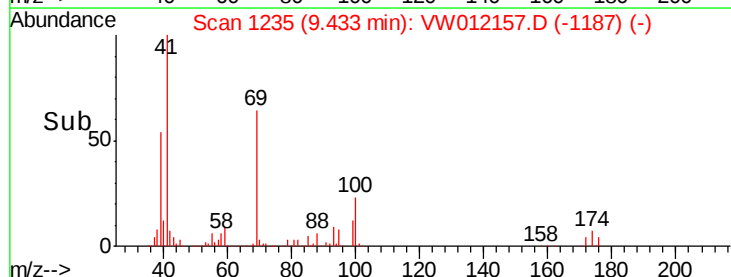
9.40

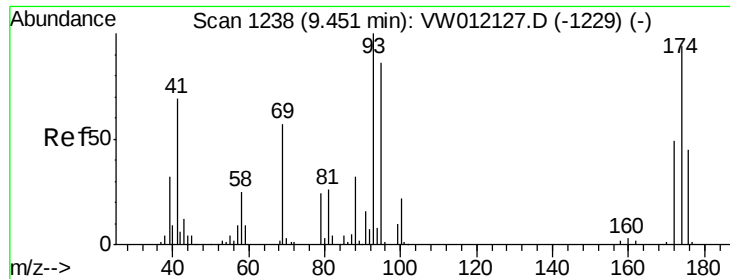
9.43

9.45

9.50

Time-->

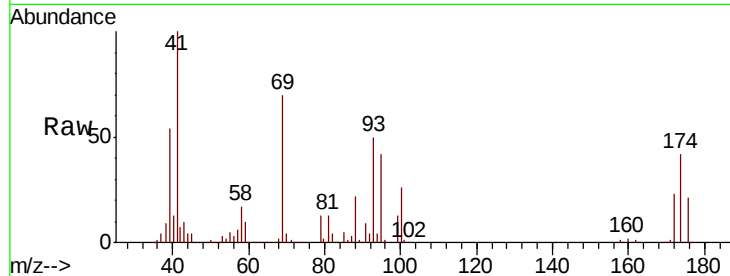




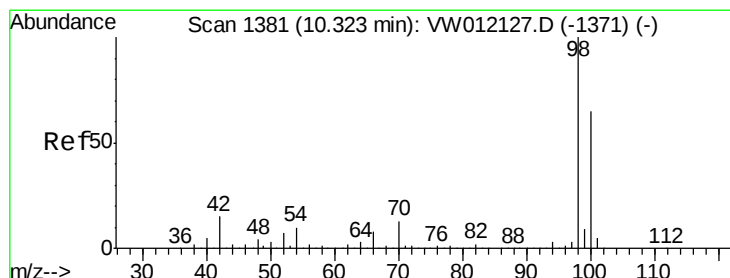
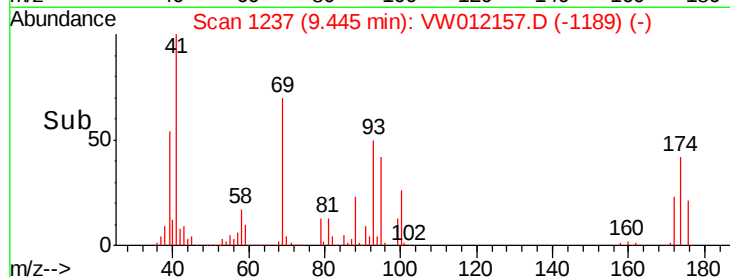
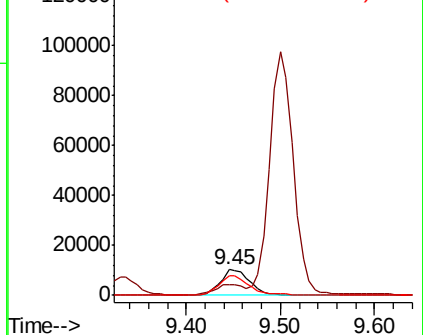
#49
1,4-Dioxane
Concen: 1143.254 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 22286
Ion Ratio Lower Upper
88 100
43 39.6 32.9 49.3
58 82.8 71.0 106.4

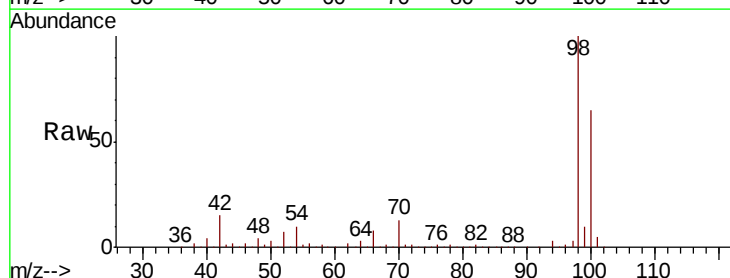


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

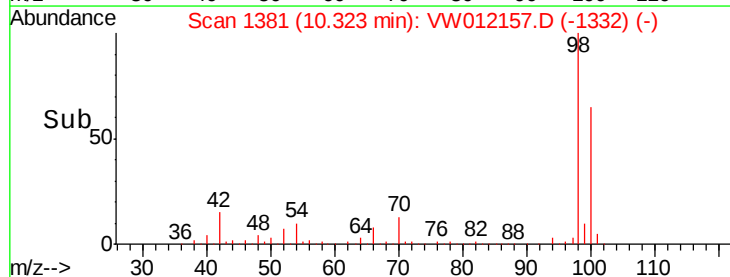
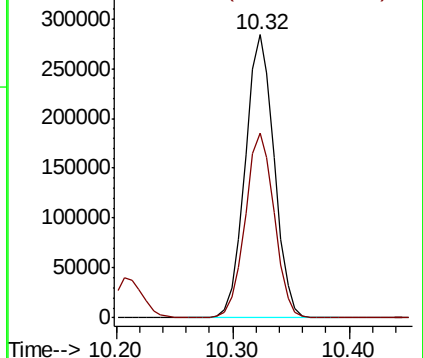


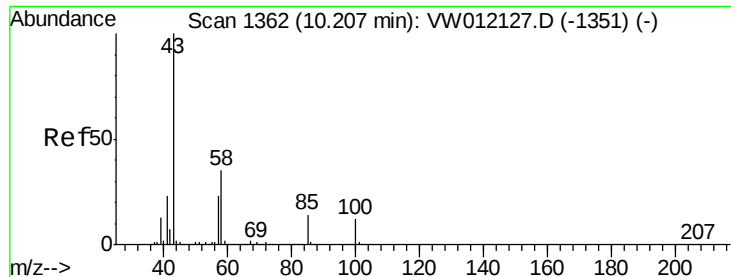
#50
Toluene-d8
Concen: 54.068 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 98 Resp: 493157
Ion Ratio Lower Upper
98 100
100 65.6 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: 289.335 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

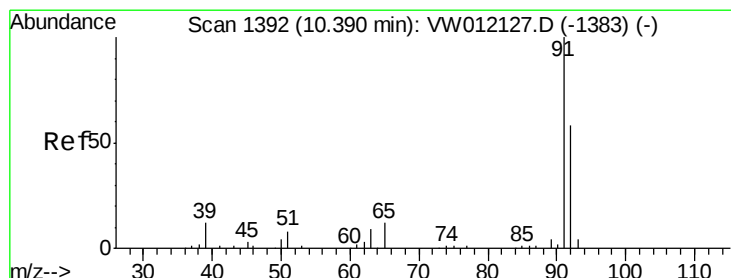
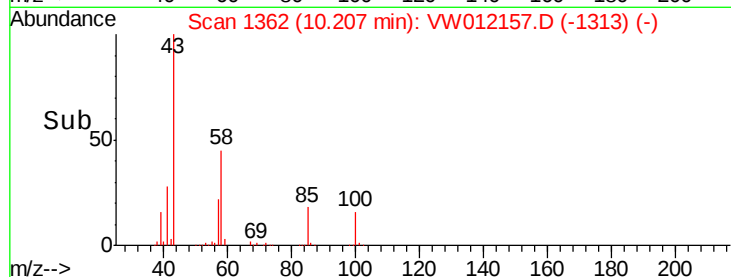
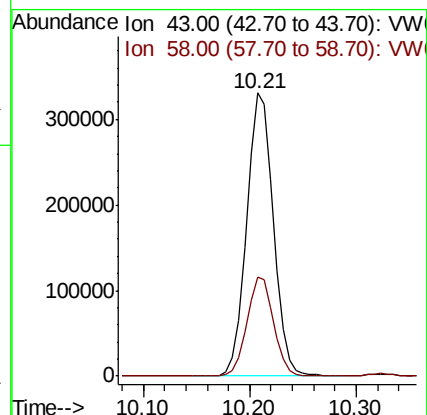
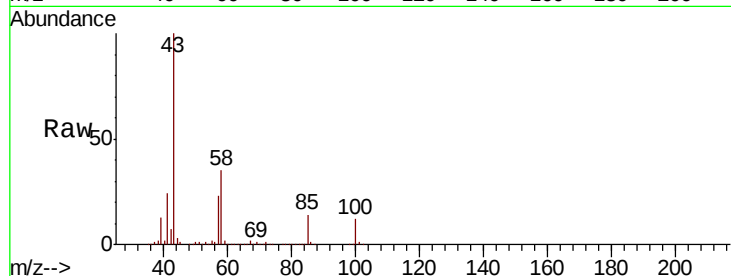
VSTDCCC050EC

Tgt Ion: 43 Resp: 581736

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.2



#52

Toluene

Concen: 51.698 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW012157.D

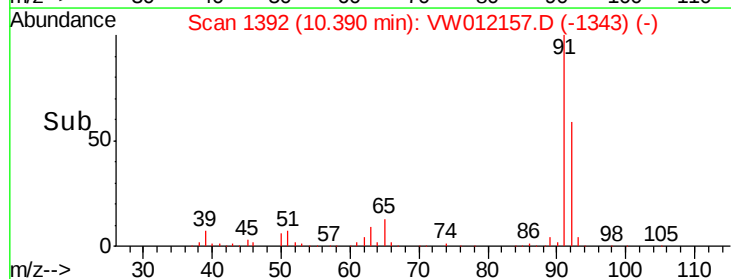
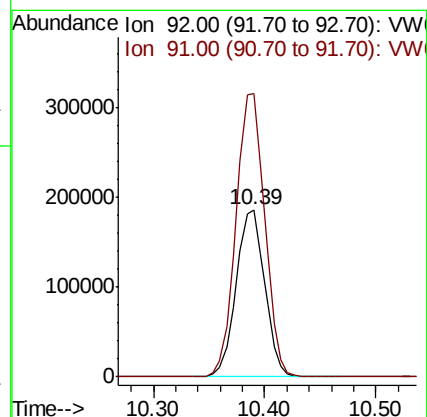
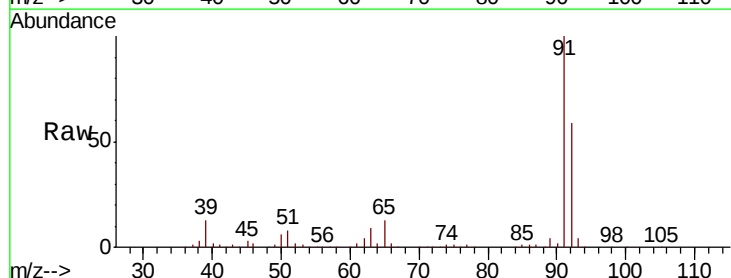
Acq: 24 Aug 2019 01:51

Tgt Ion: 92 Resp: 330261

Ion Ratio Lower Upper

92 100

91 171.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 53.630 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

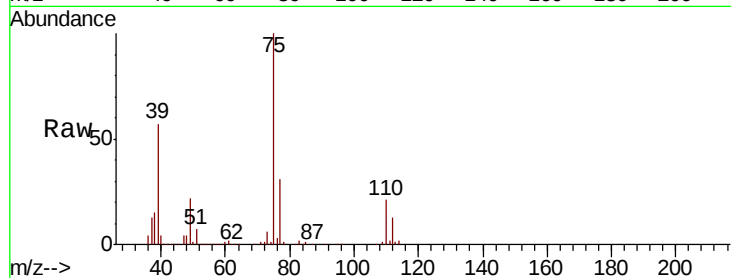
VSTDCCC050EC

Tgt Ion: 75 Resp: 185134

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

120000

100000

80000

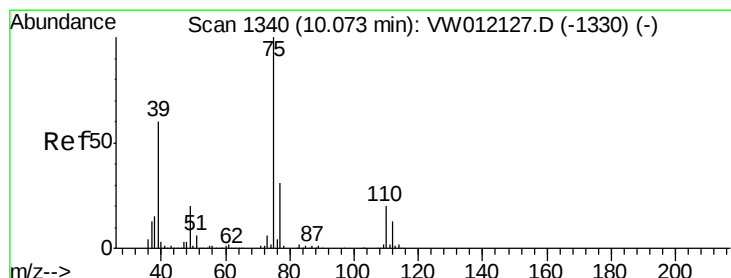
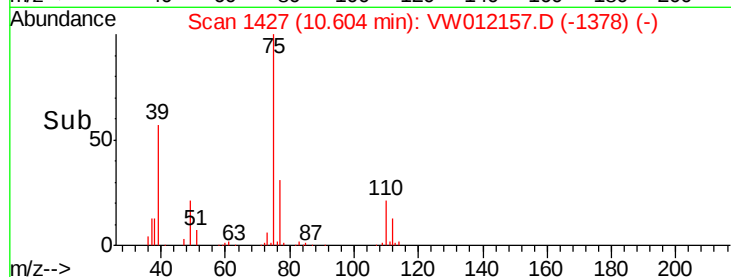
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.232 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

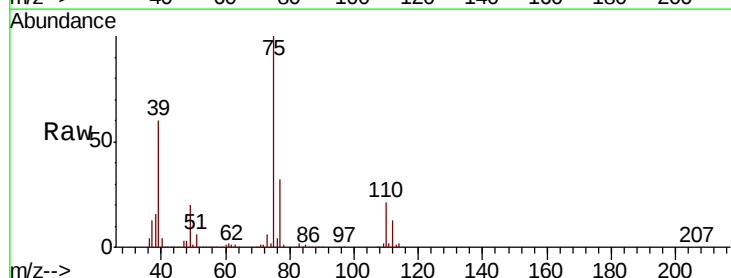
Tgt Ion: 75 Resp: 217710

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

39 60.2 48.3 72.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

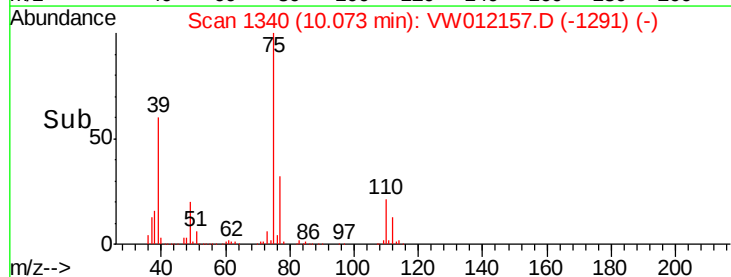
150000

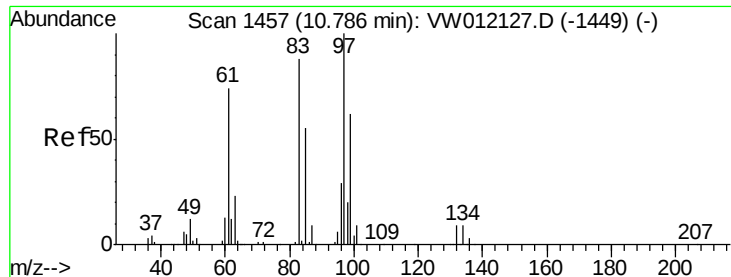
100000

50000

0

Time--> 10.00 10.10 10.20

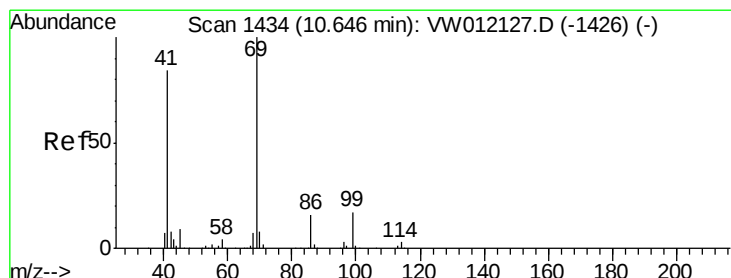
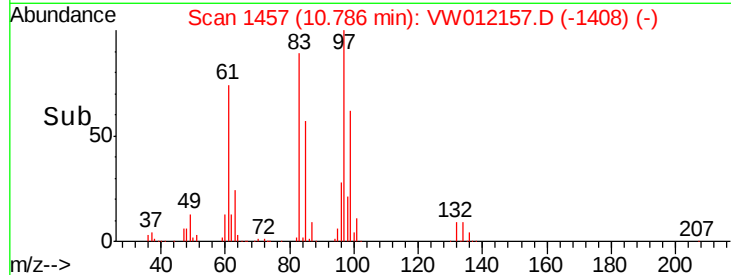
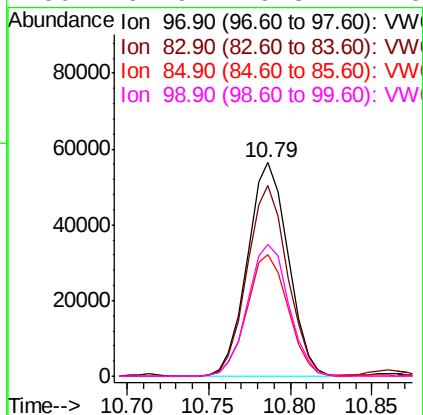
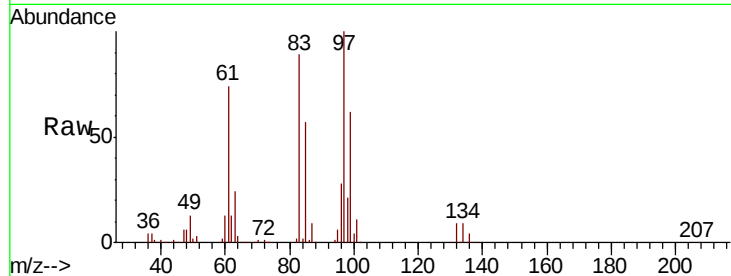




#55
 1,1,2-Trichloroethane
 Concen: 54.436 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

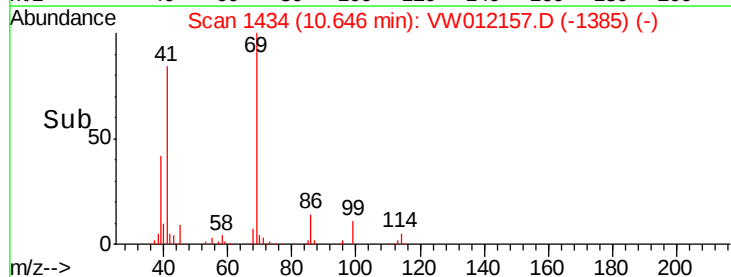
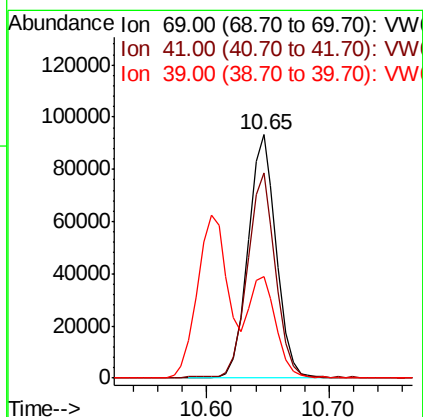
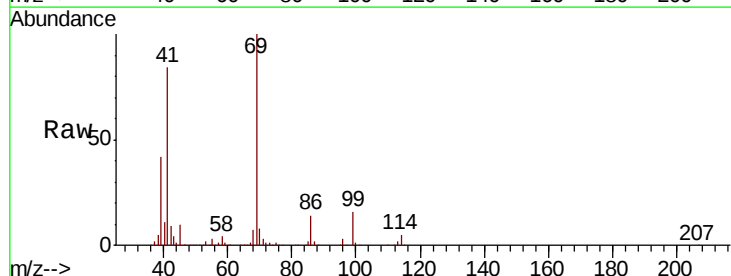
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	98073
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.8	106.2
85	57.2	43.8	65.8
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 56.678 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion:	69	Resp:	148615
Ion	Ratio	Lower	Upper
69	100		
41	84.6	66.5	99.7
39	39.8	31.0	46.4

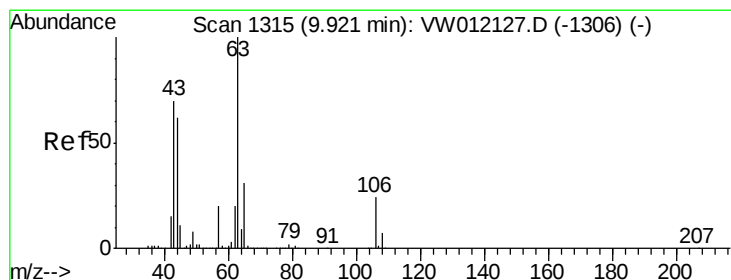
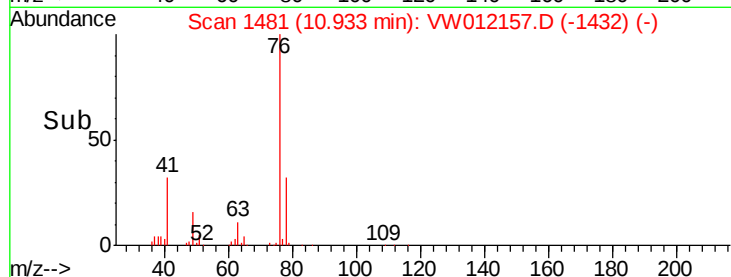
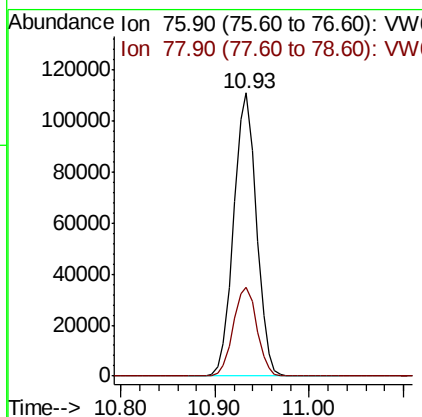
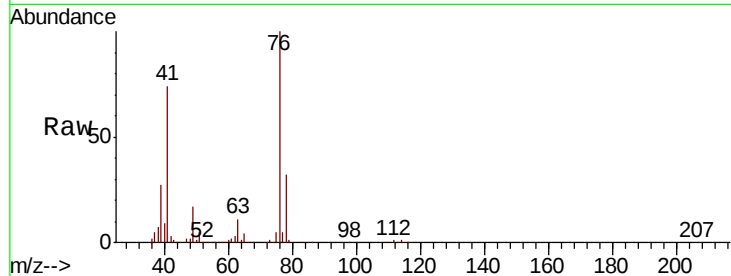




#57
 1,3-Dichloropropane
 Concen: 54.841 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

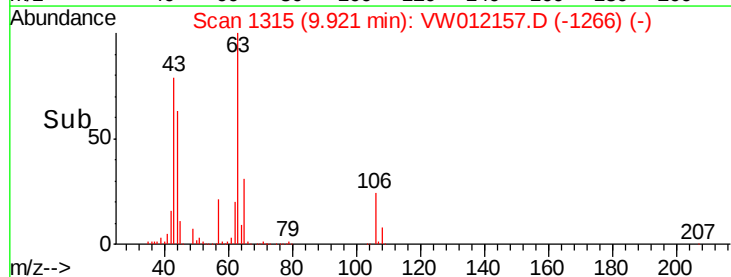
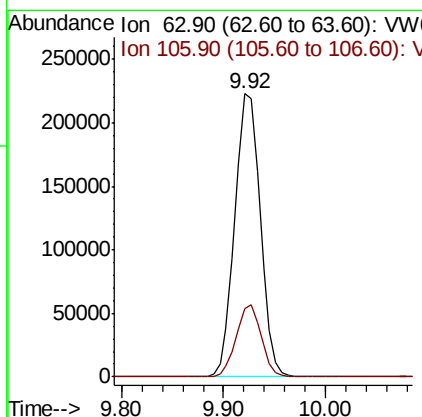
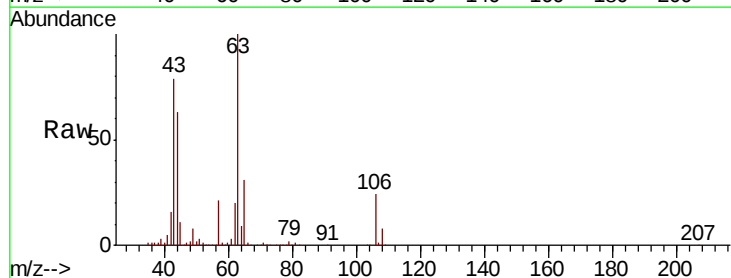
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 186712
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.209 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 63 Resp: 385157
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8

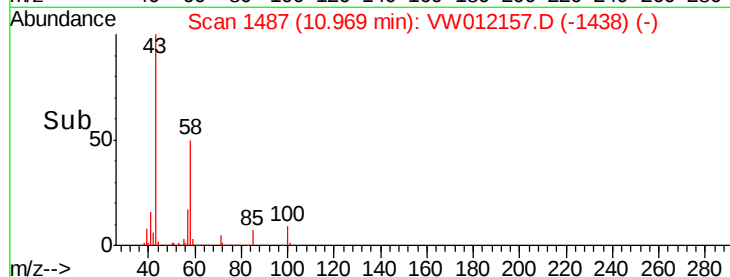
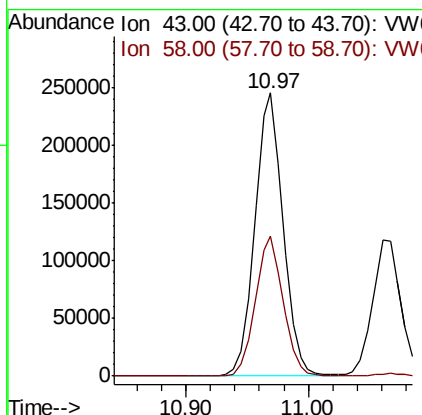
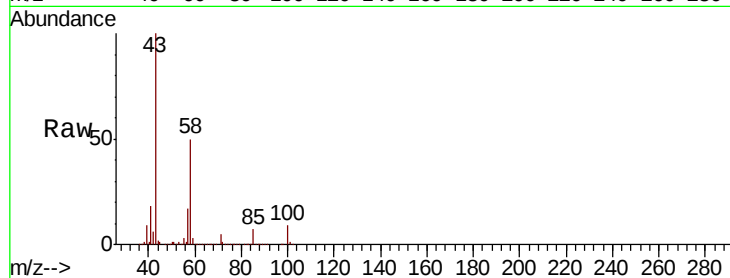




#59
2-Hexanone
Concen: 276.878 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

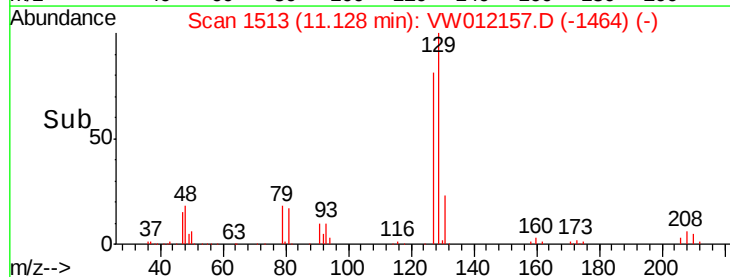
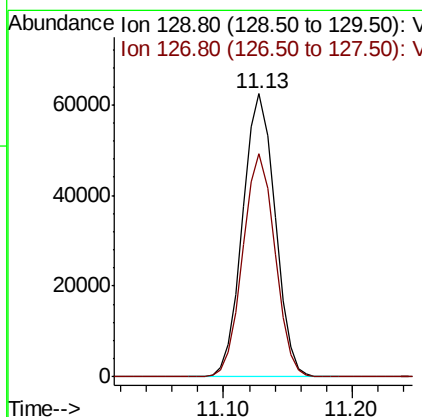
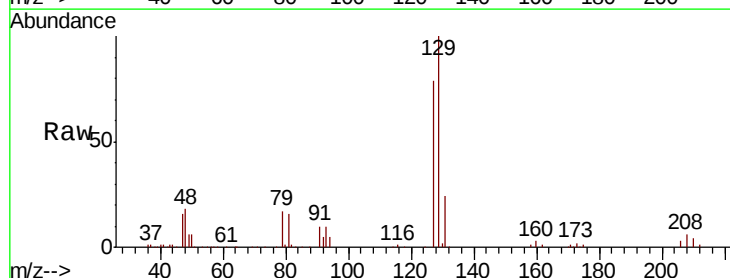
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 393894
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9



#60
Dibromochloromethane
Concen: 54.181 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 129 Resp: 108725
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

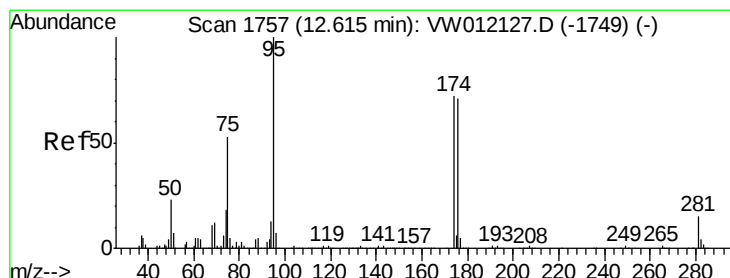
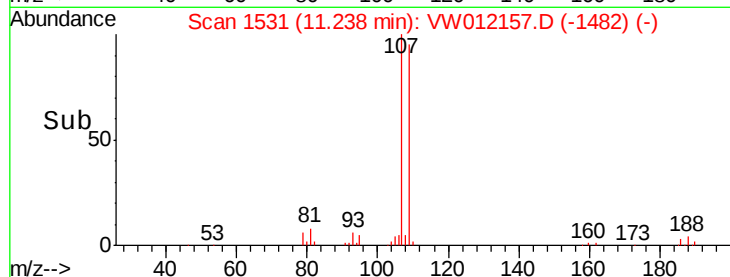
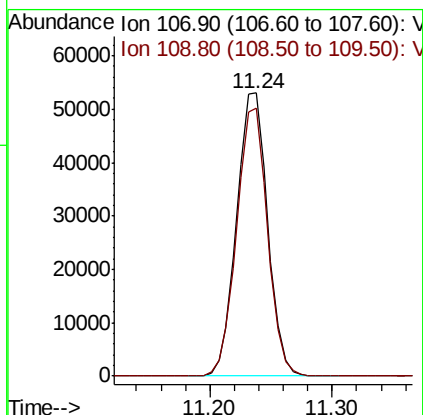
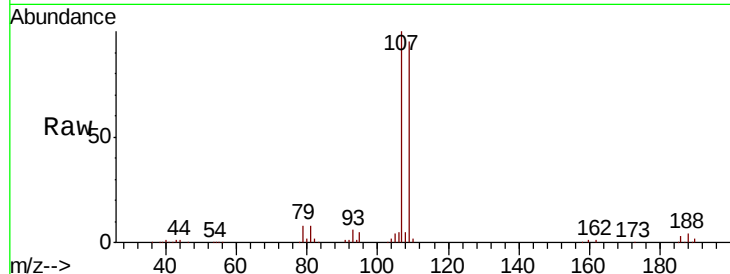




#61
 1,2-Dibromoethane
 Concen: 55.508 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

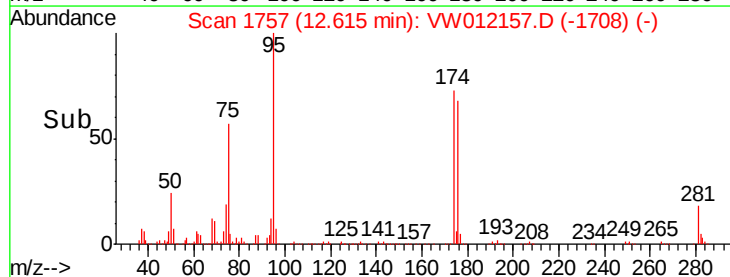
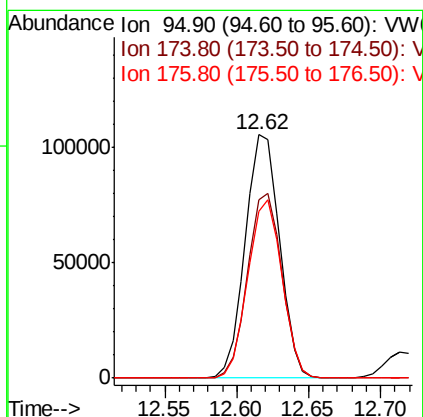
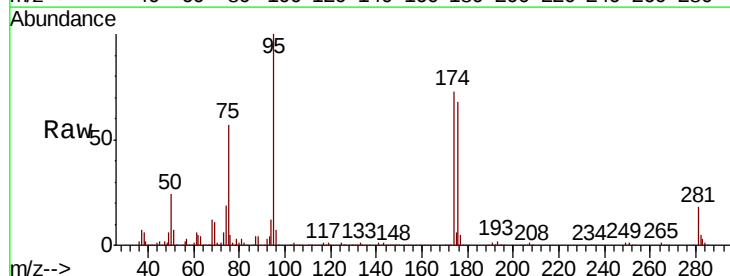
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

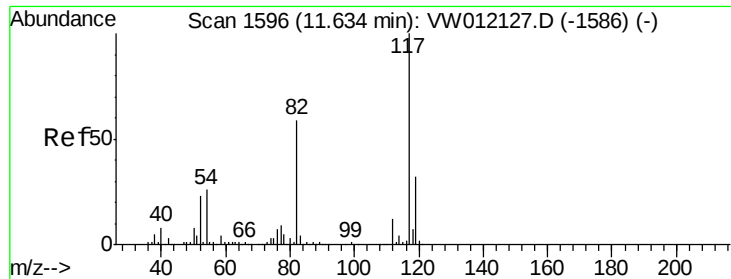
Tgt Ion: 107 Resp: 93166
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.090 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 95 Resp: 173908
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.8
 176 72.8 0.0 148.6

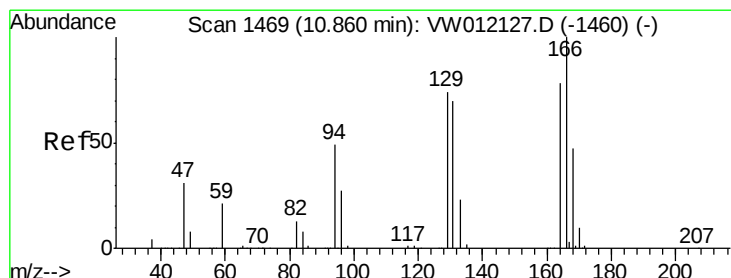
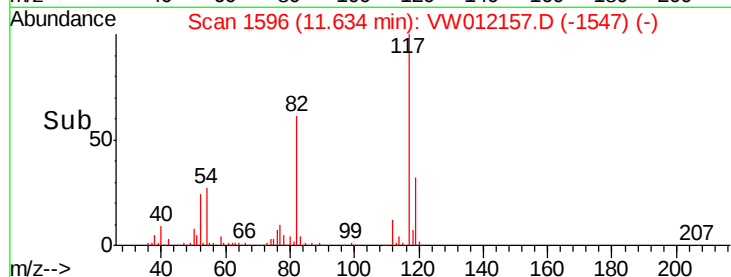
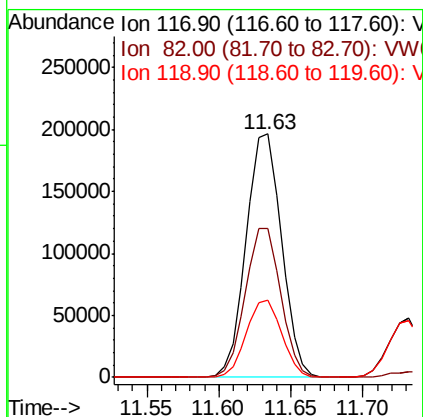
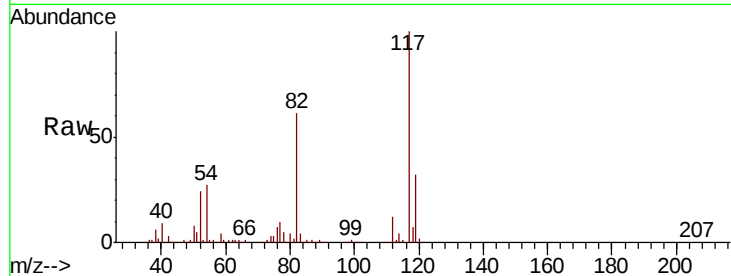




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

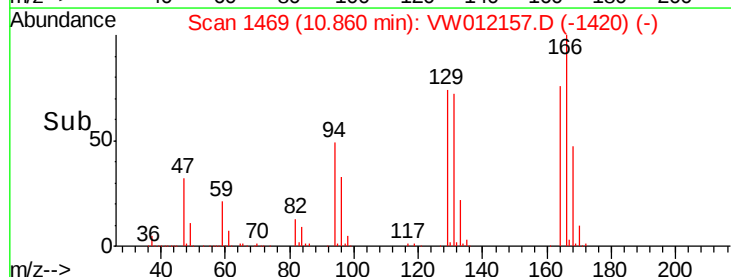
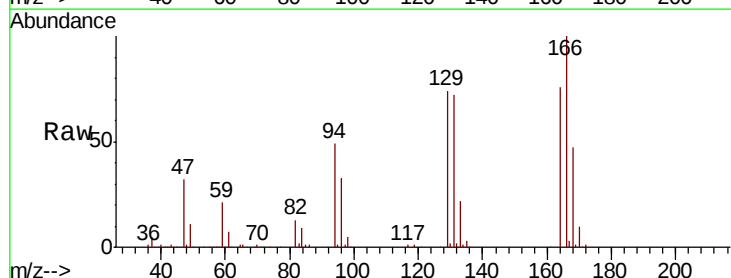
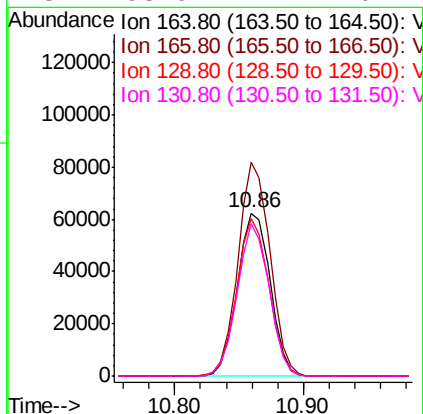
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

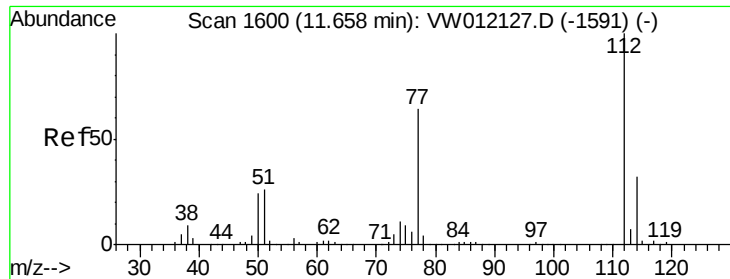
Tgt Ion:117 Resp: 334800
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 50.750 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion:164 Resp: 110159
Ion Ratio Lower Upper
164 100
166 131.2 102.4 153.6
129 96.7 75.8 113.6
131 93.9 71.4 107.2

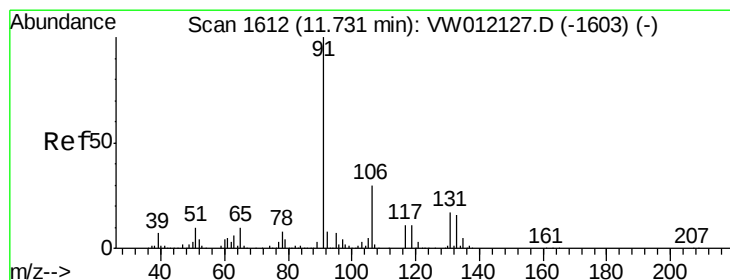
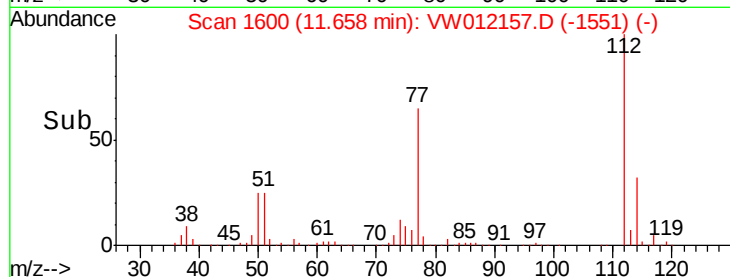
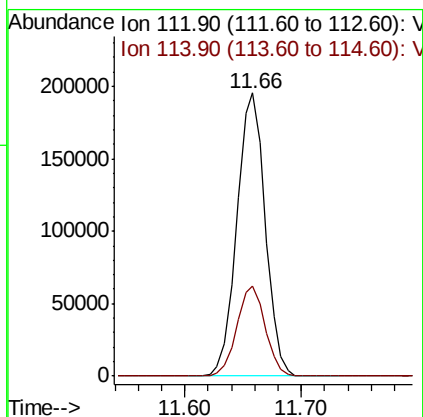
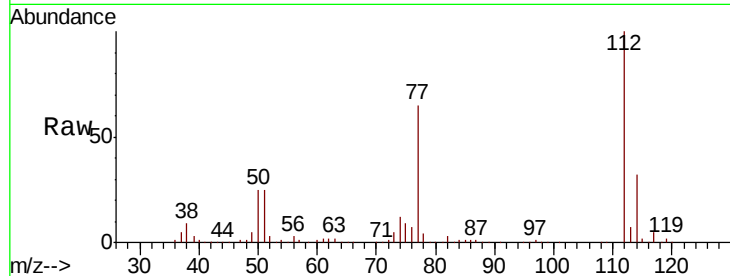




#65
Chlorobenzene
Concen: 50.168 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

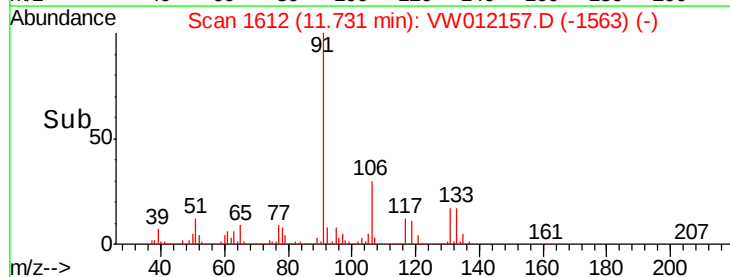
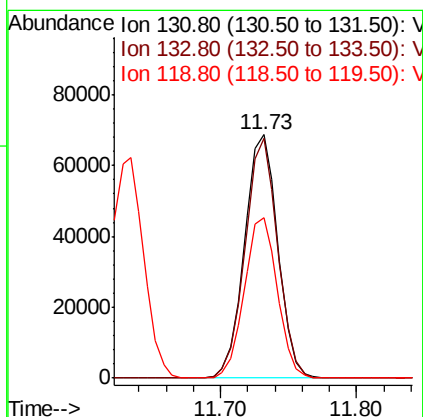
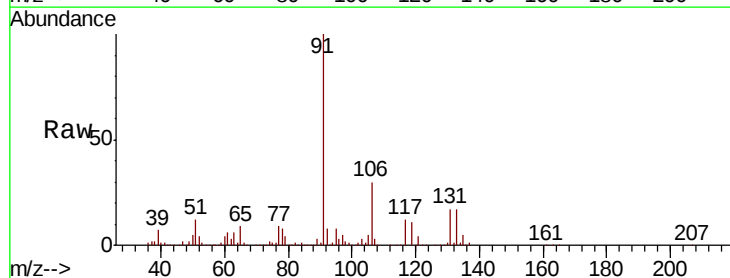
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 330733
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.190 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion:131 Resp: 117731
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 65.6 31.8 95.3

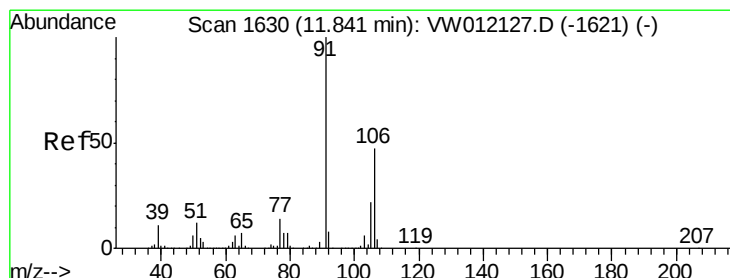
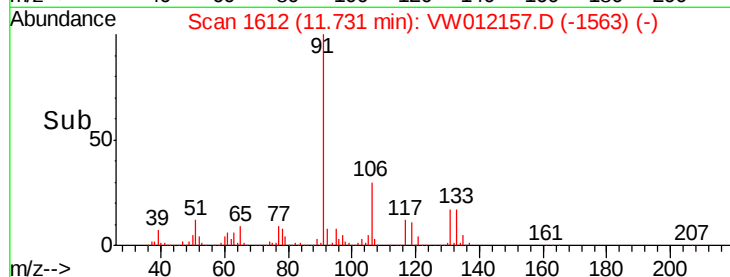
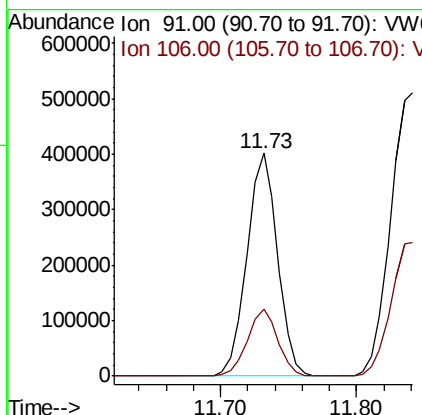
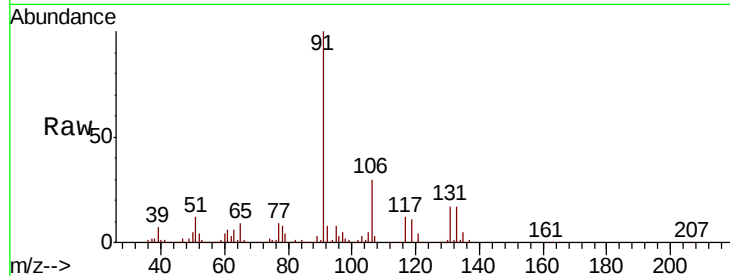




#67
Ethyl Benzene
Concen: 49.794 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

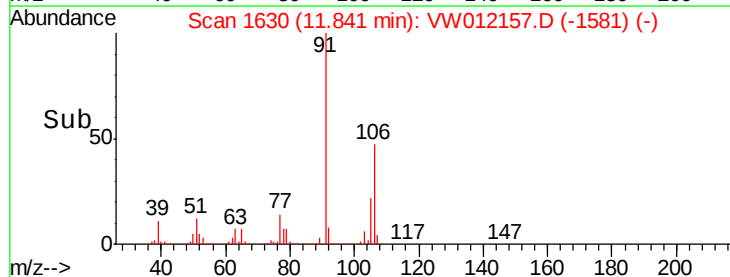
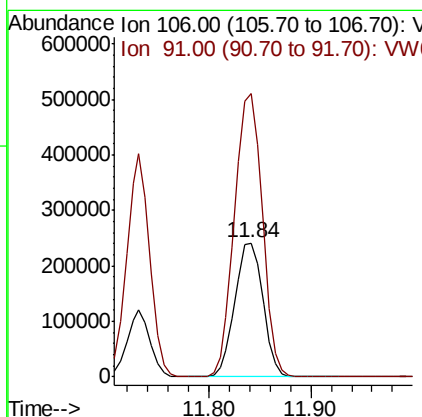
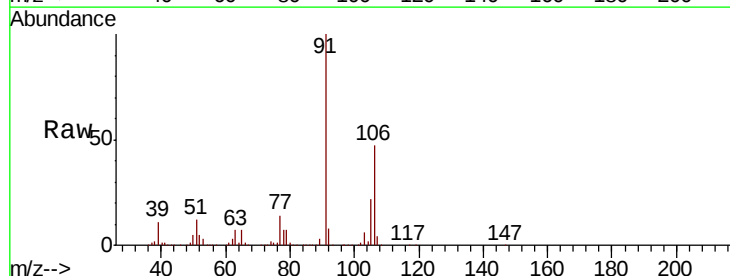
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

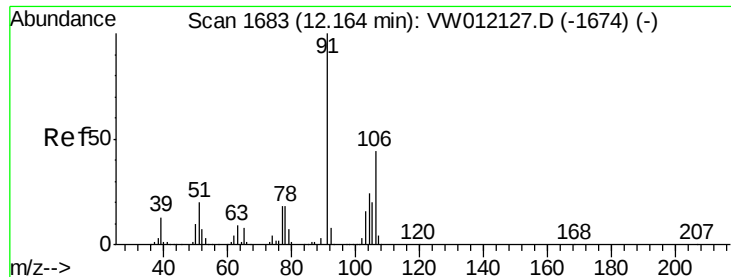
Tgt Ion: 91 Resp: 632350
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 100.181 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion: 106 Resp: 458273
Ion Ratio Lower Upper
106 100
91 210.9 169.5 254.3

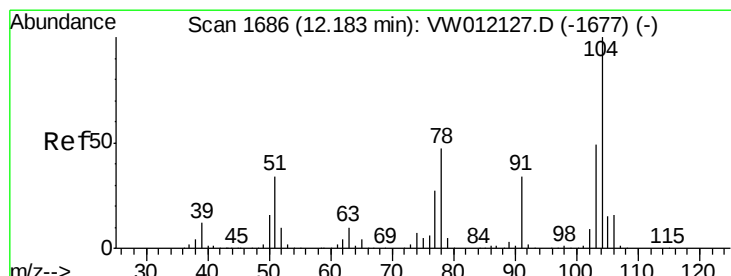
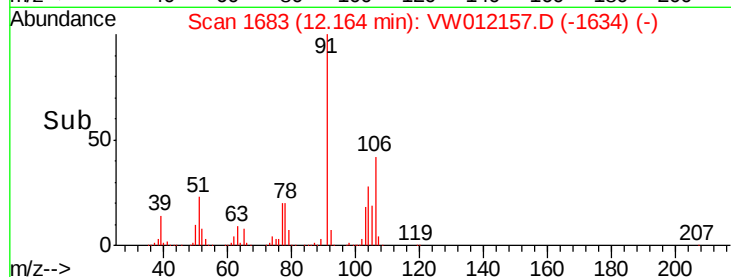
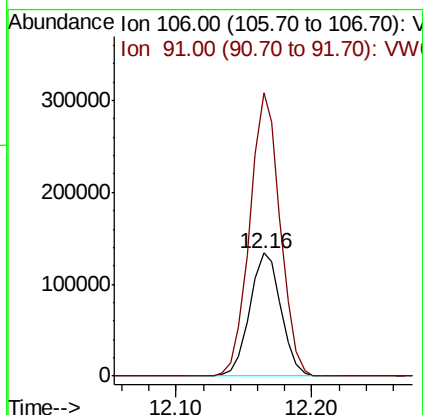
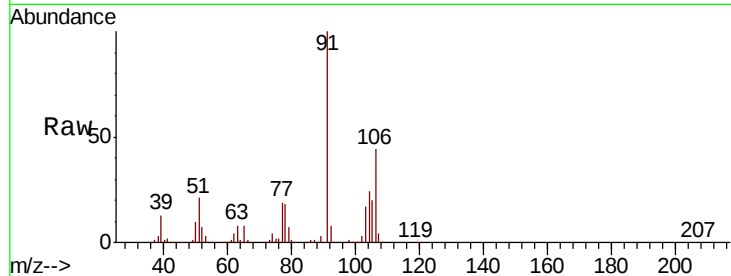




#69
o-Xylene
Concen: 51.007 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

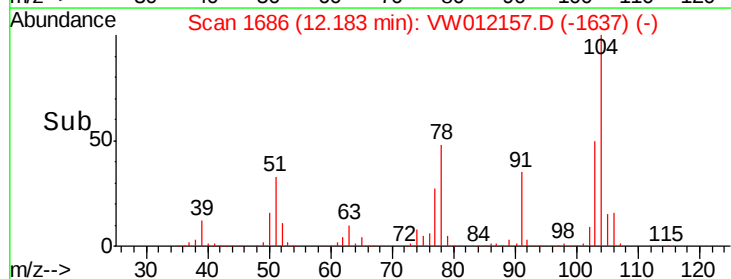
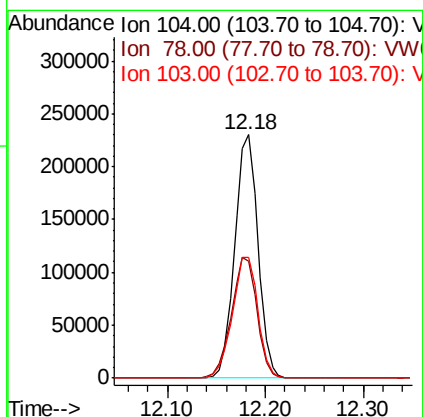
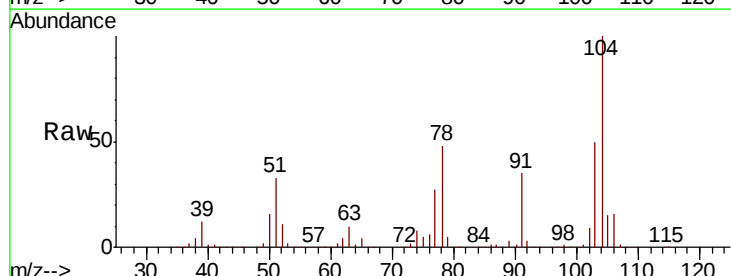
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

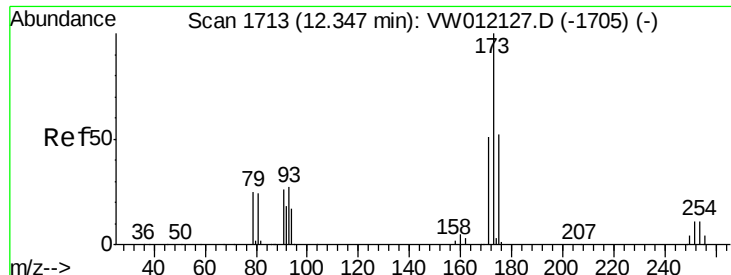
Tgt Ion:106 Resp: 215954
Ion Ratio Lower Upper
106 100
91 223.5 111.6 334.6



#70
Styrene
Concen: 51.676 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion:104 Resp: 378696
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 54.9 43.5 65.3





#71

Bromoform

Concen: 53.907 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

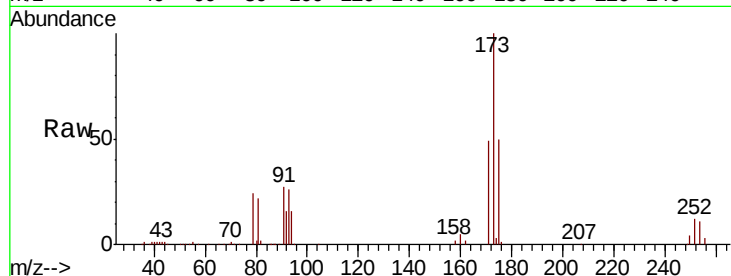
Tgt Ion:173 Resp: 61770

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

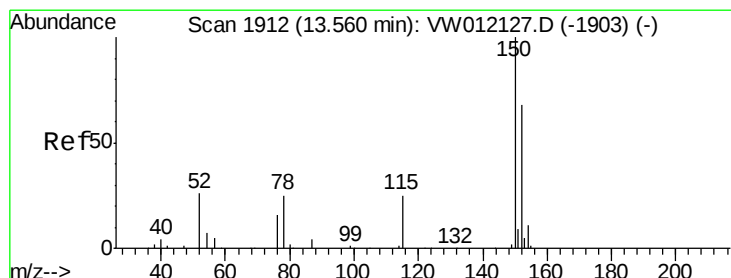
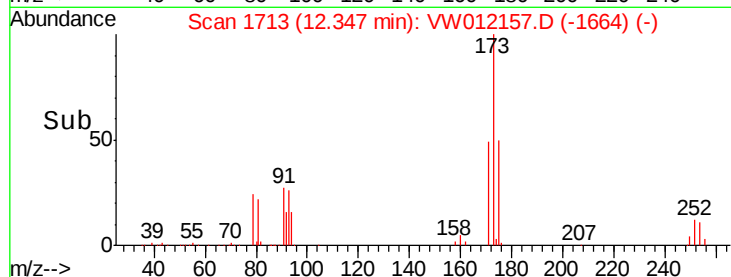
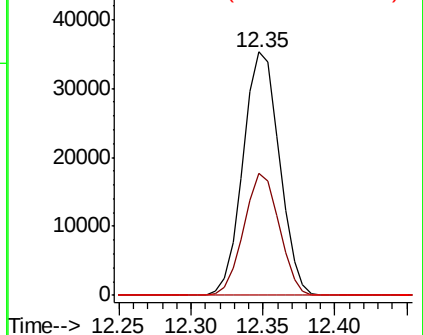
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

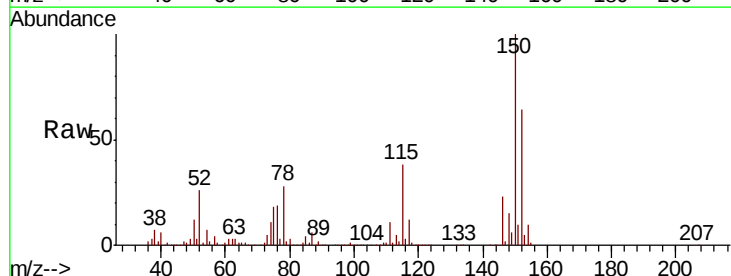
Tgt Ion:152 Resp: 160448

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

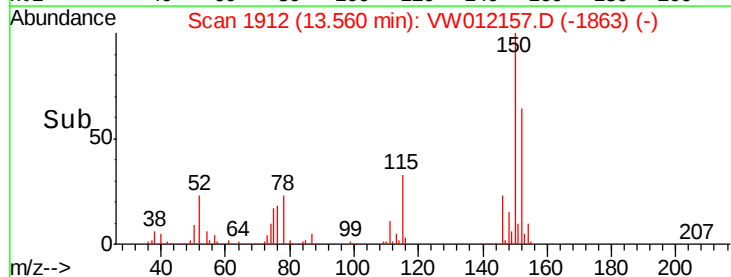
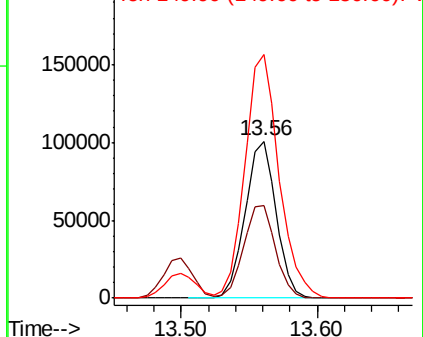
150 171.0 0.0 345.8

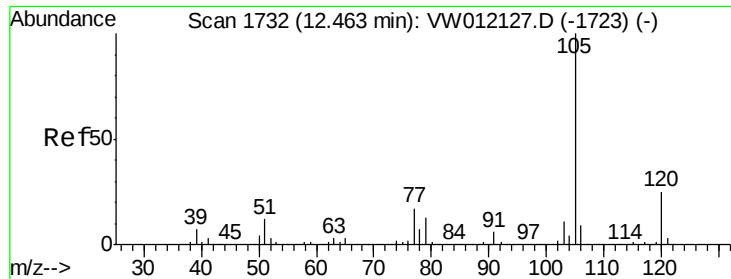


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.468 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

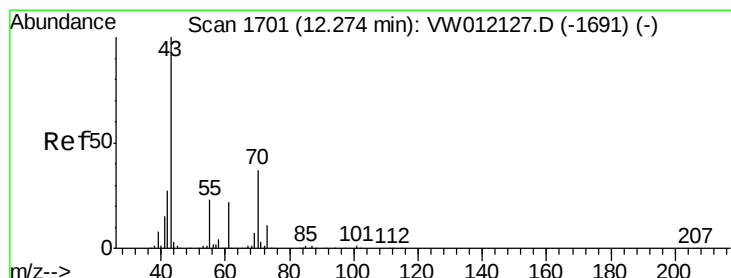
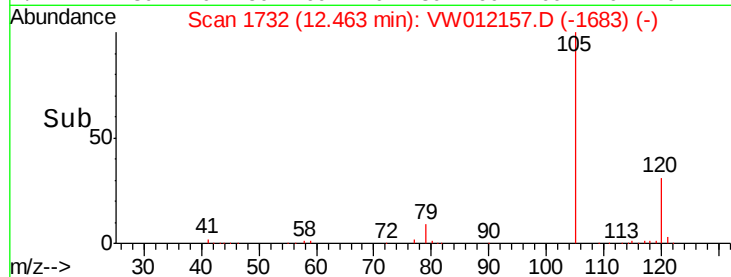
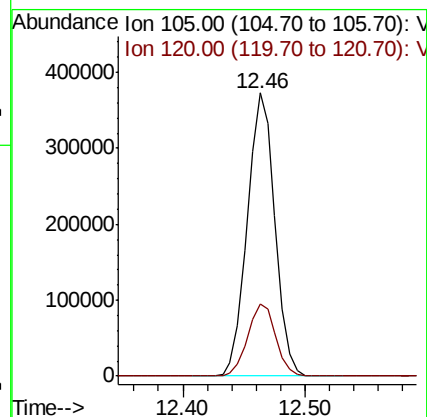
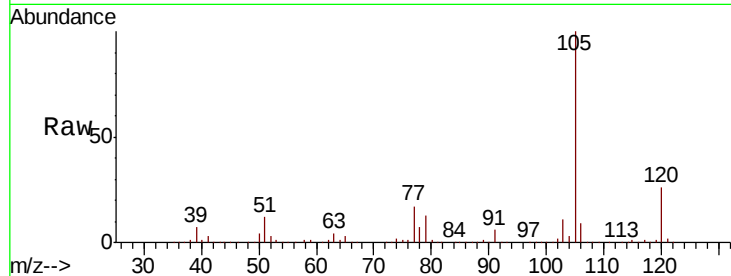
VSTDCCC050EC

Tgt Ion:105 Resp: 582715

Ion Ratio Lower Upper

105 100

120 26.0 12.5 37.5



#74

N-ethyl acetate

Concen: 54.923 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Tgt Ion: 43 Resp: 199499

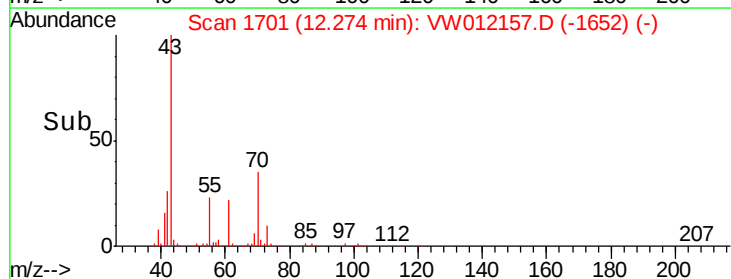
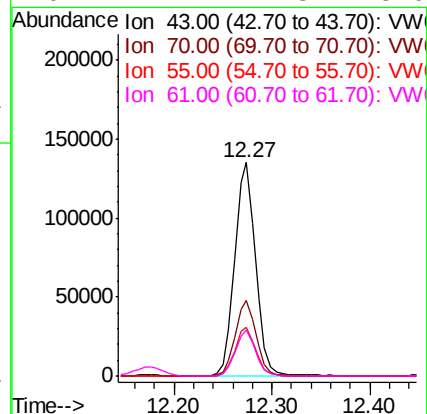
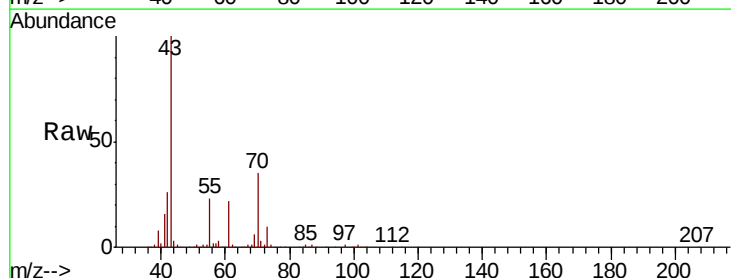
Ion Ratio Lower Upper

43 100

70 35.3 28.6 43.0

55 22.6 17.8 26.6

61 21.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.926 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

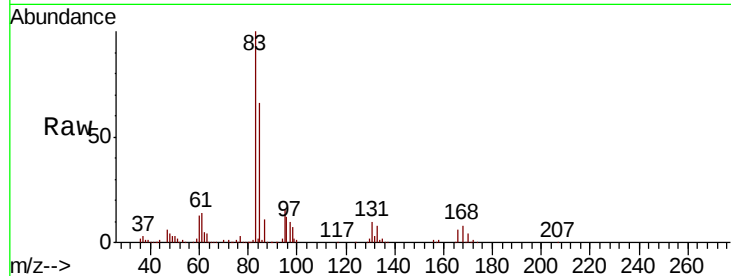
Tgt Ion: 83 Resp: 118859

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

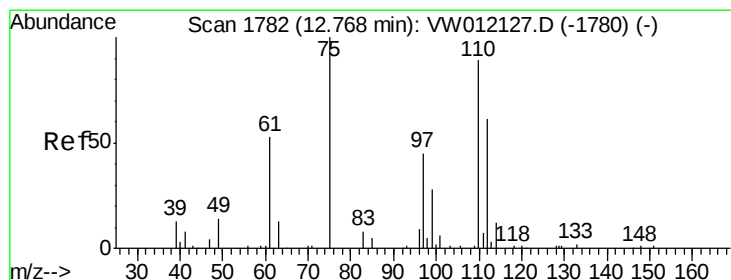
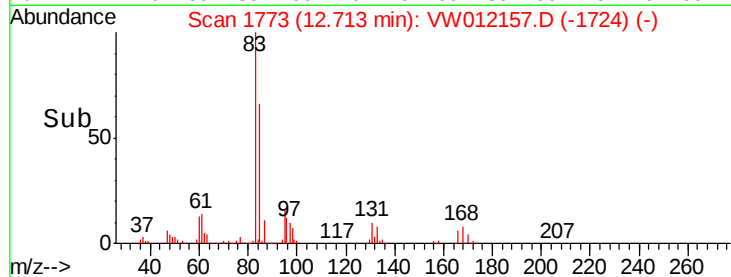
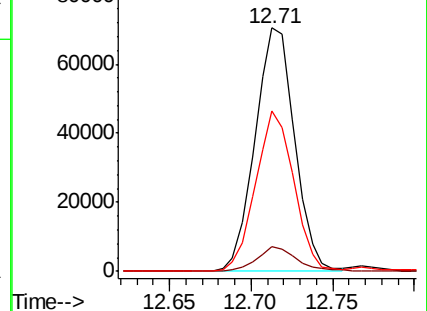
85 63.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 99.390 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012157.D

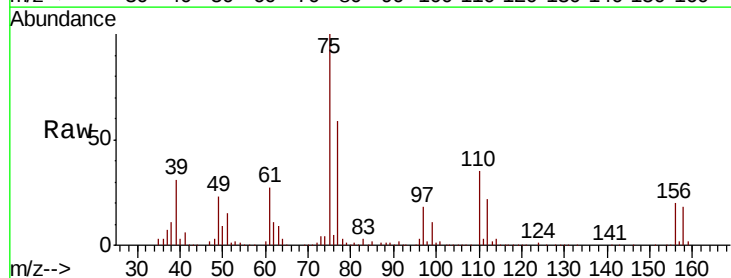
Acq: 24 Aug 2019 01:51

Tgt Ion: 75 Resp: 155311

Ion Ratio Lower Upper

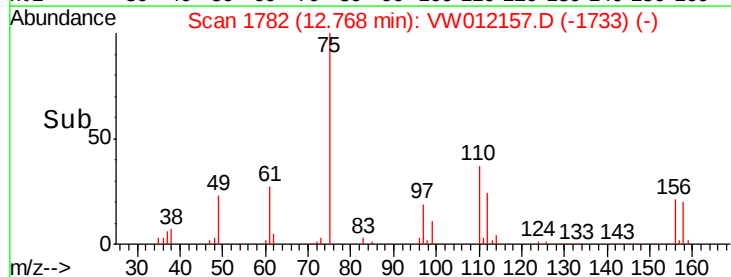
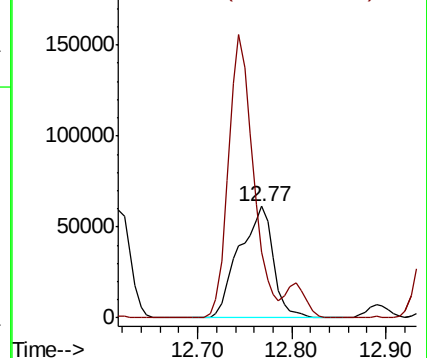
75 100

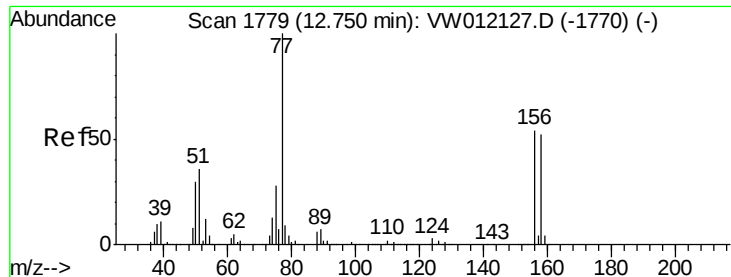
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.128 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

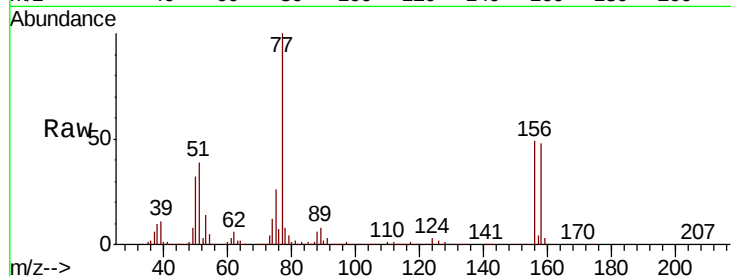
Tgt Ion:156 Resp: 132982

Ion Ratio Lower Upper

156 100

77 215.5 107.3 321.8

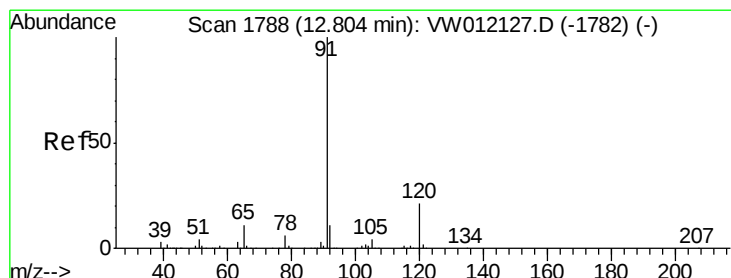
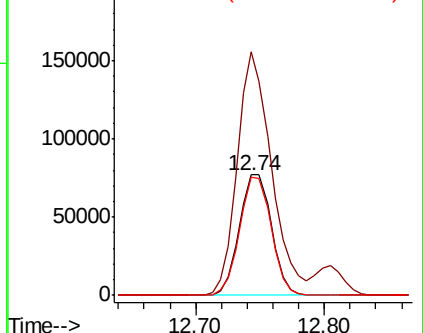
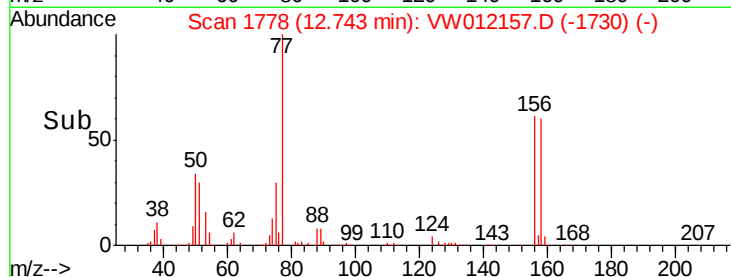
158 96.7 49.0 147.0



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: 48.451 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012157.D

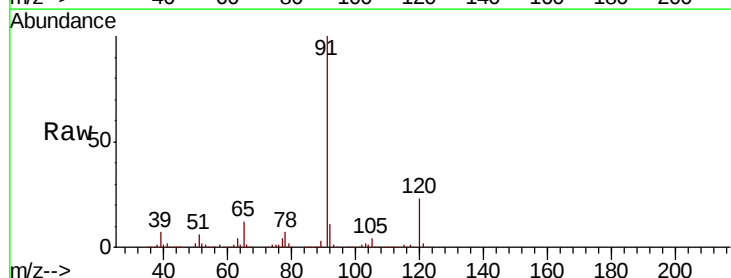
Acq: 24 Aug 2019 01:51

Tgt Ion: 91 Resp: 711119

Ion Ratio Lower Upper

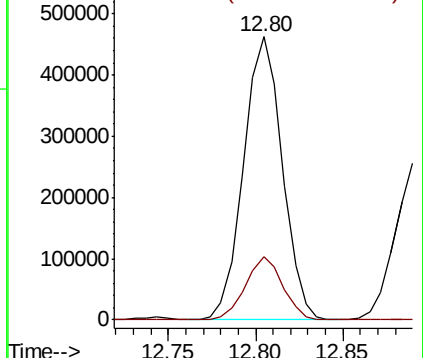
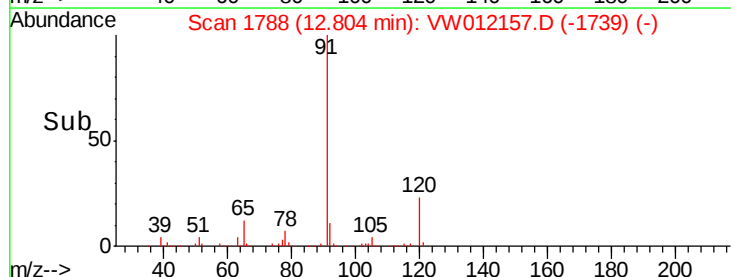
91 100

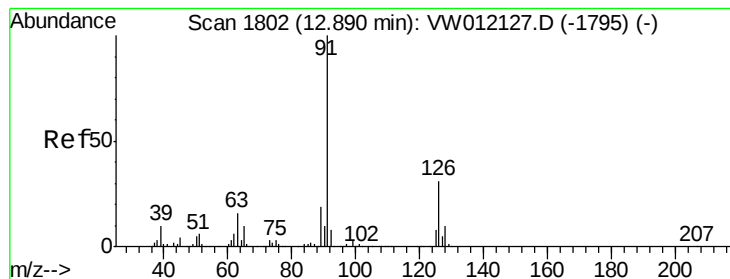
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.764 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

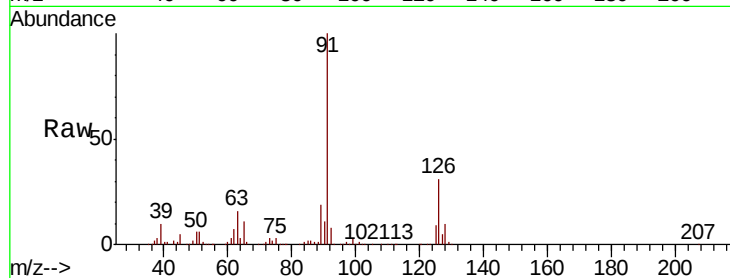
VSTDCCC050EC

Tgt Ion: 91 Resp: 414681

Ion Ratio Lower Upper

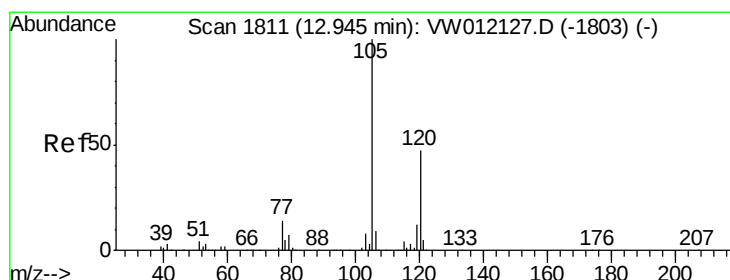
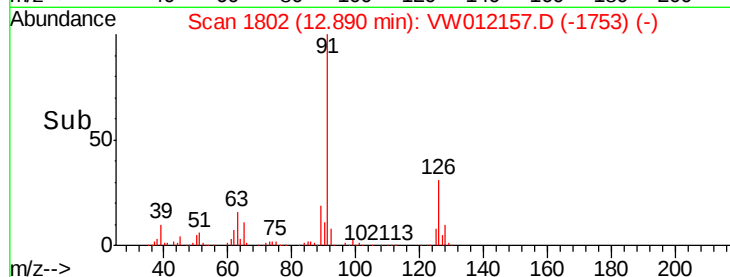
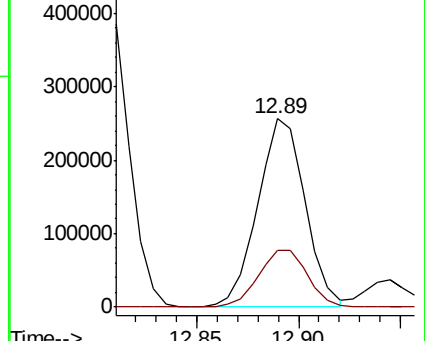
91 100

126 31.4 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: 49.699 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012157.D

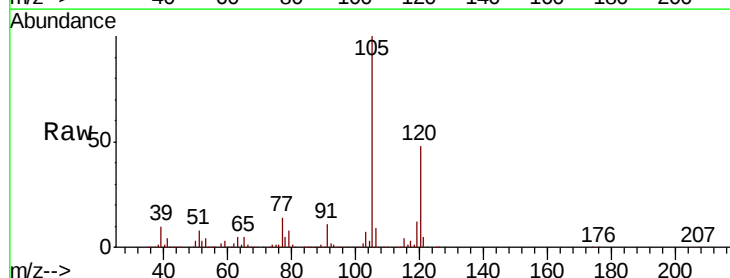
Acq: 24 Aug 2019 01:51

Tgt Ion: 105 Resp: 499275

Ion Ratio Lower Upper

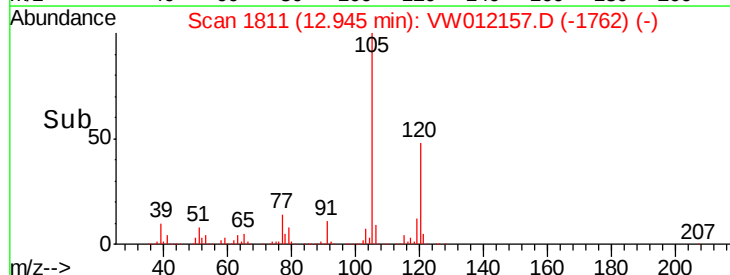
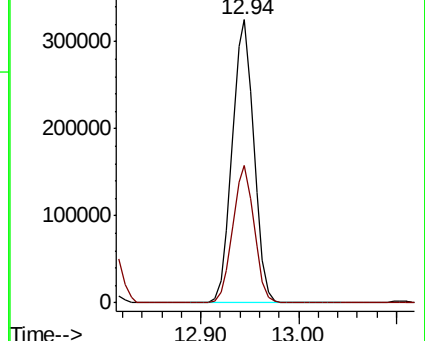
105 100

120 47.9 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: 50.810 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

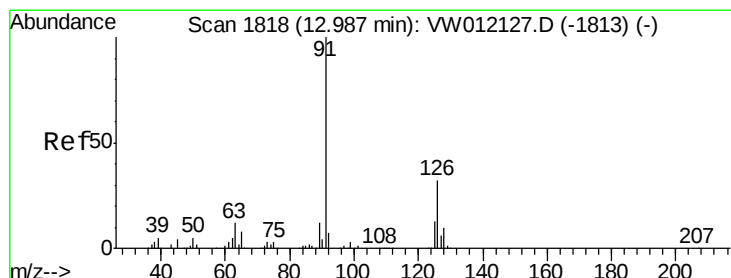
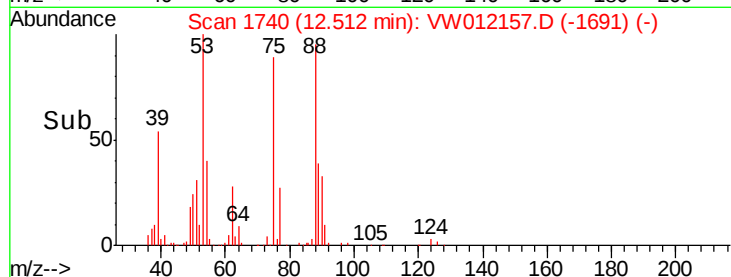
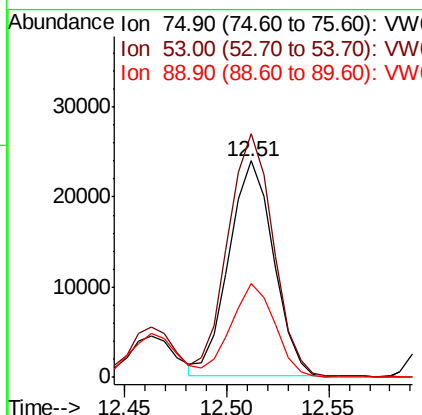
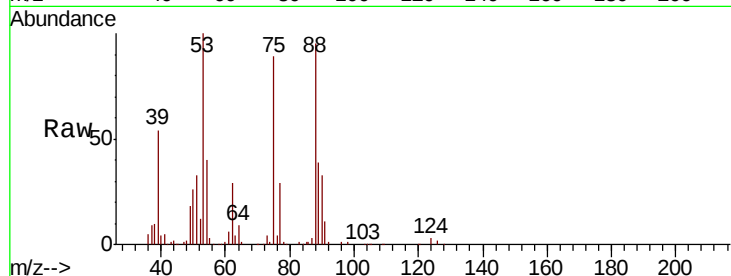
Tgt Ion: 75 Resp: 36213

Ion Ratio Lower Upper

75 100

53 117.4 89.4 134.0

89 43.0 34.5 51.7



#82

4-Chlorotoluene

Concen: 49.706 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012157.D

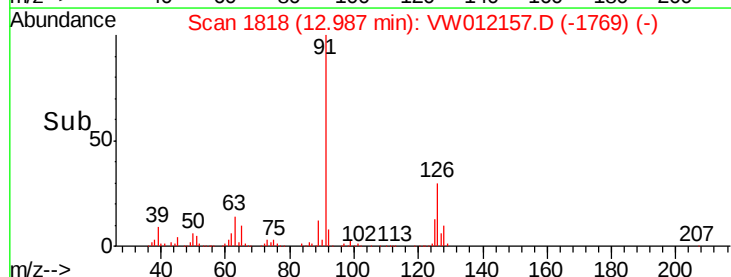
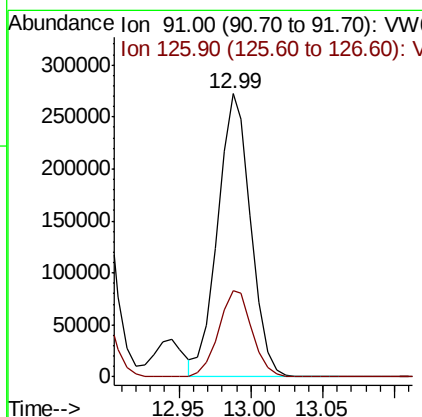
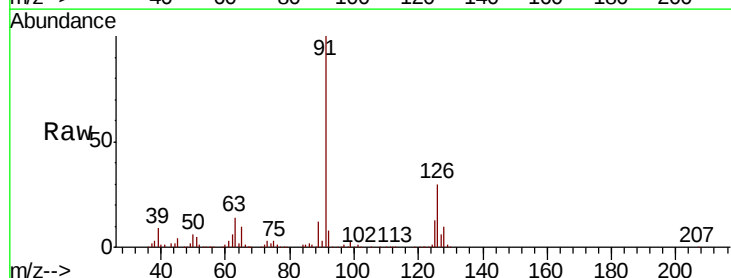
Acq: 24 Aug 2019 01:51

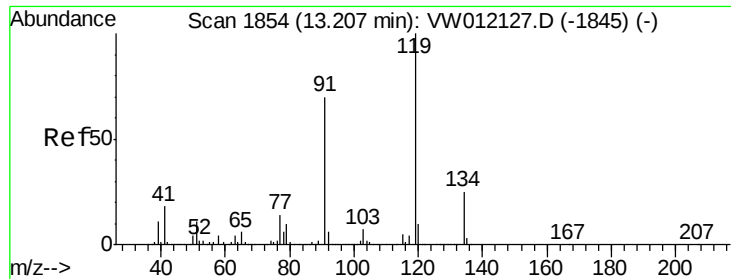
Tgt Ion: 91 Resp: 433689

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8

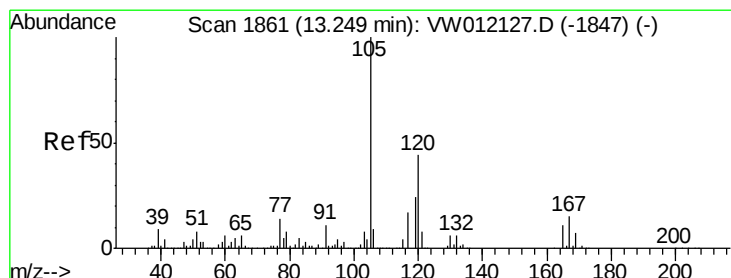
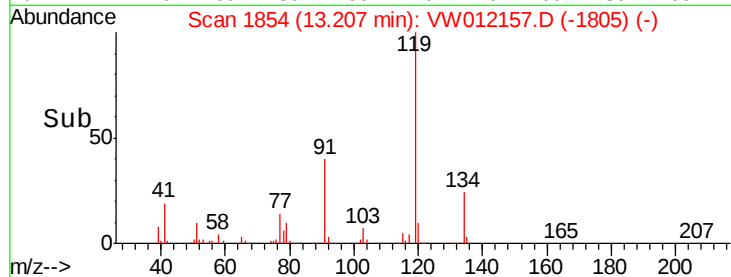
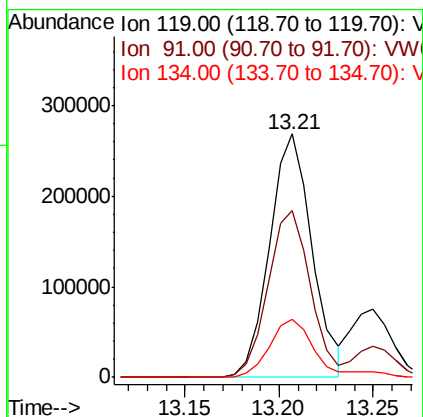
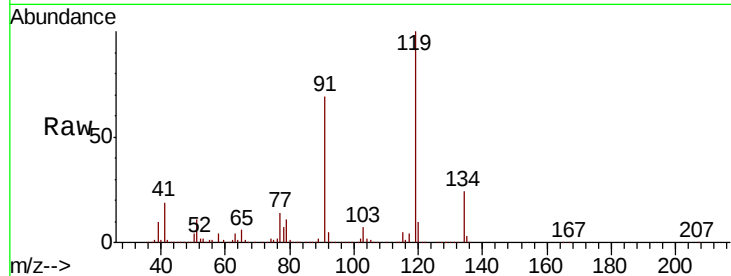




#83
 tert-Butylbenzene
 Concen: 49.203 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

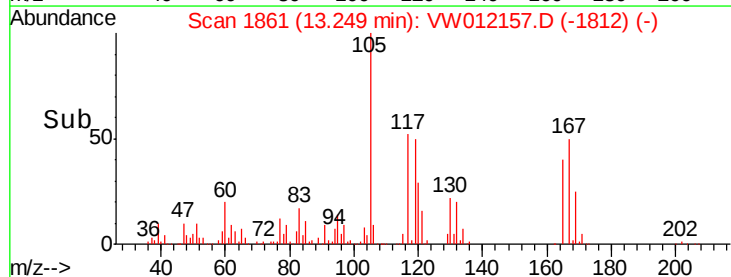
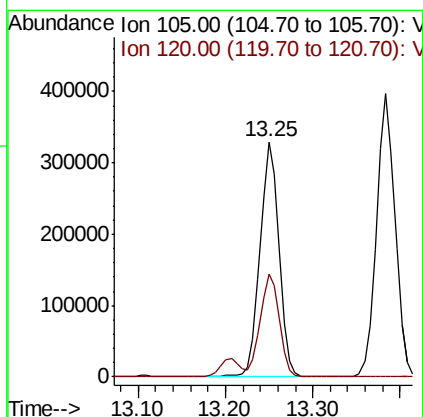
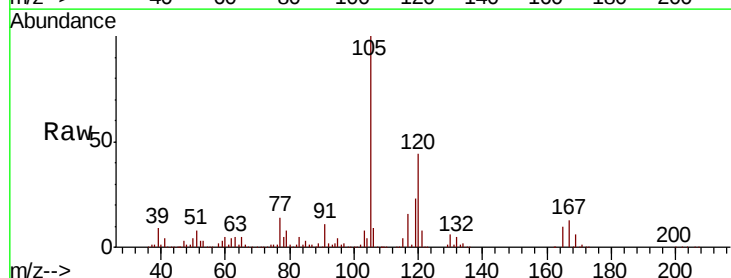
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

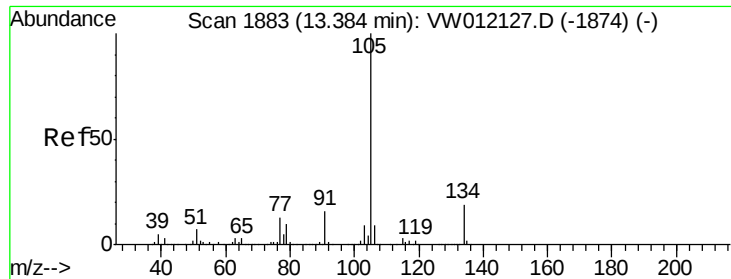
Tgt Ion:119 Resp: 418707
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.8 104.3
 134 24.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.437 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion:105 Resp: 498893
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.7

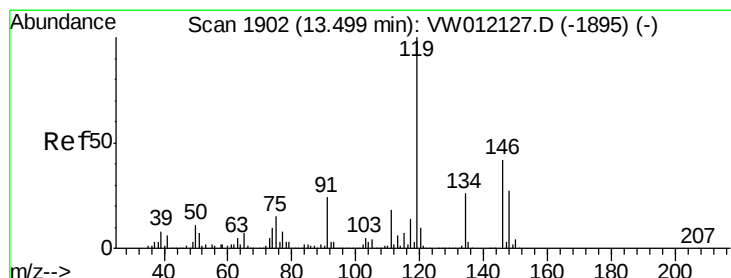
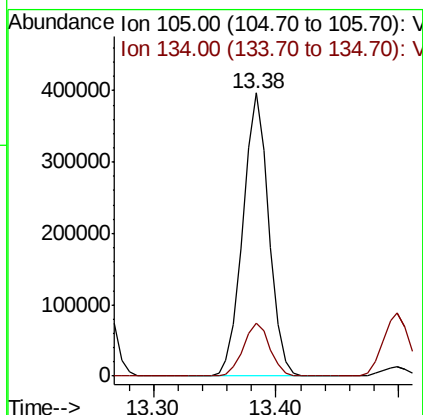
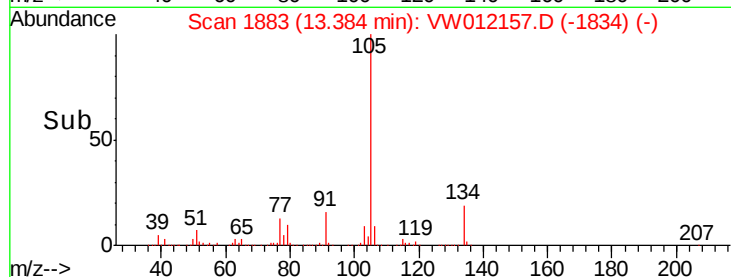
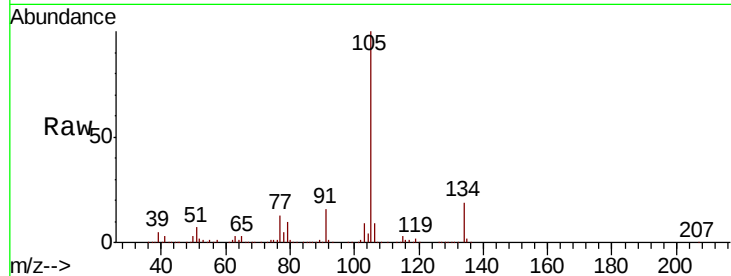




#85
 sec-Butylbenzene
 Concen: 47.710 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

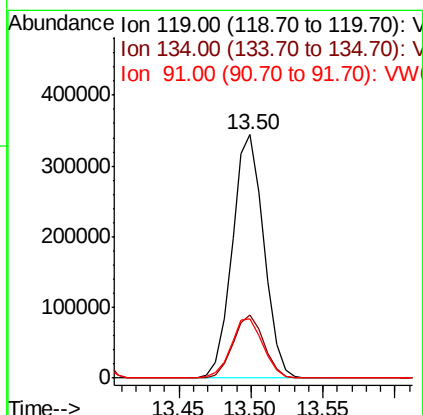
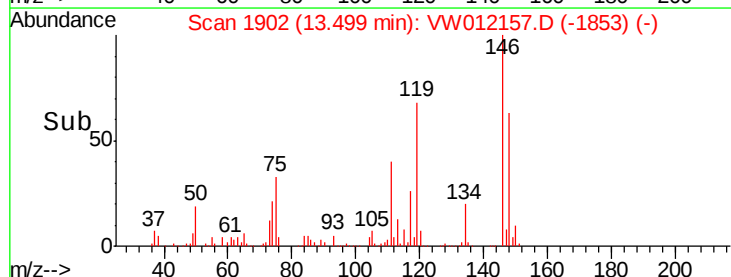
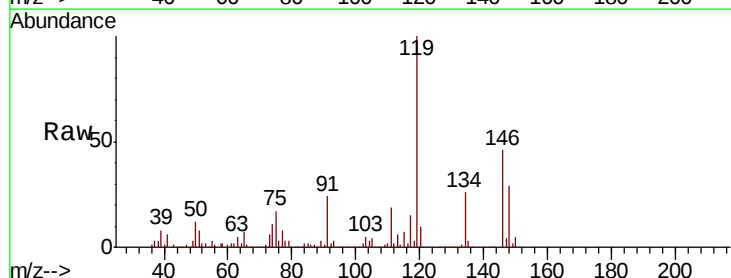
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 581673
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.118 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion:119 Resp: 523914
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.7 12.3 36.9

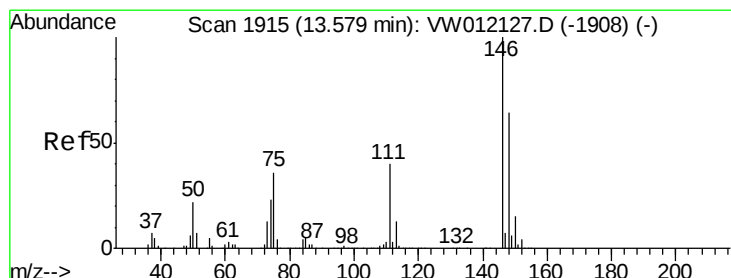
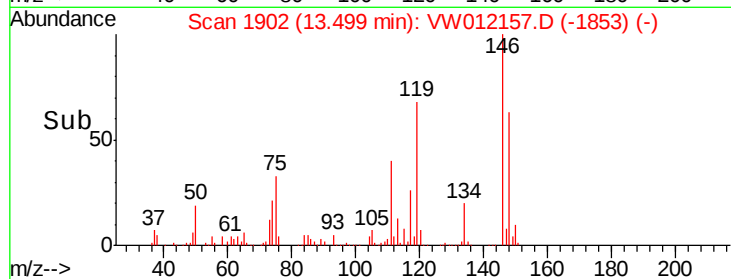
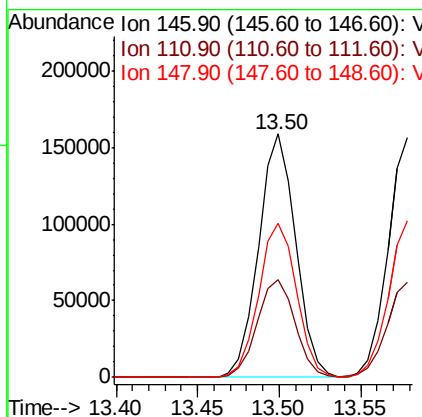
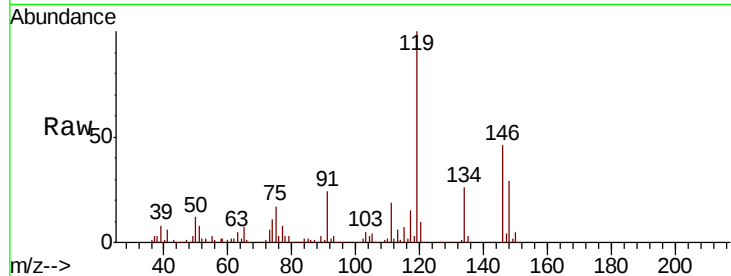




#87
 1,3-Dichlorobenzene
 Concen: 49.277 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

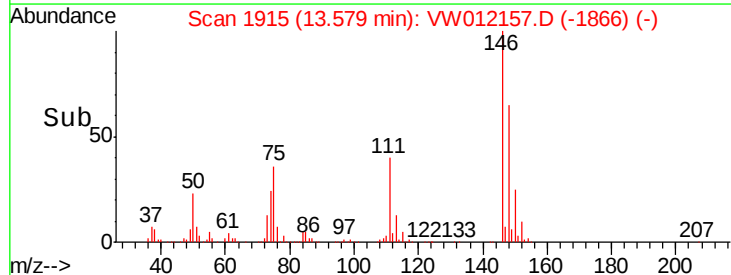
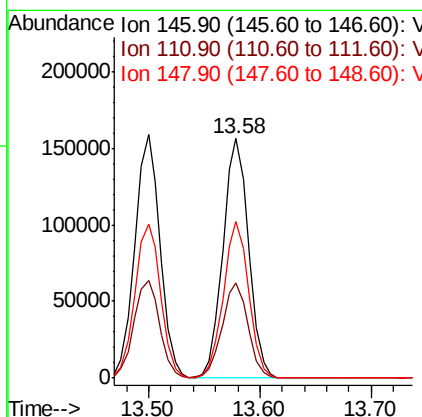
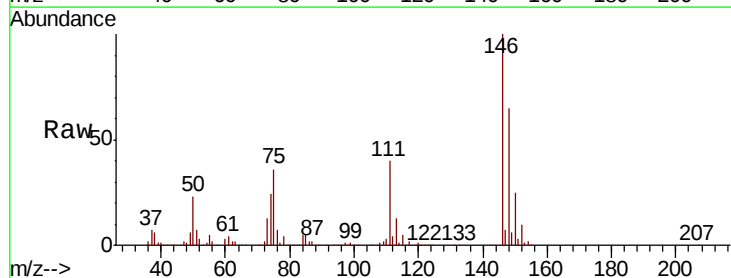
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

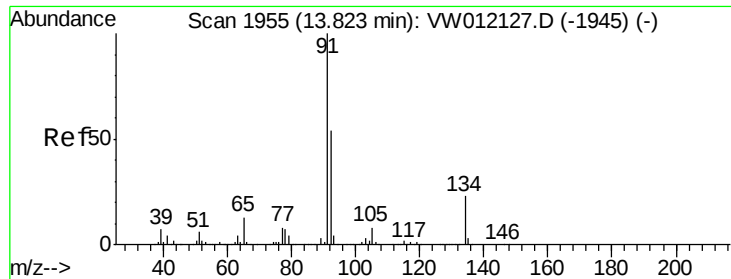
Tgt Ion:146 Resp: 250689
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.9 62.7
 148 64.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.268 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion:146 Resp: 248873
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 46.880 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012157.D

Acq: 24 Aug 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

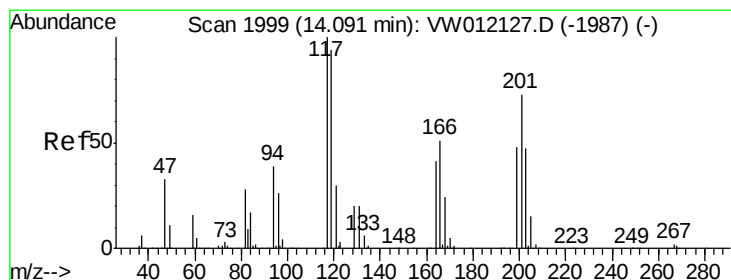
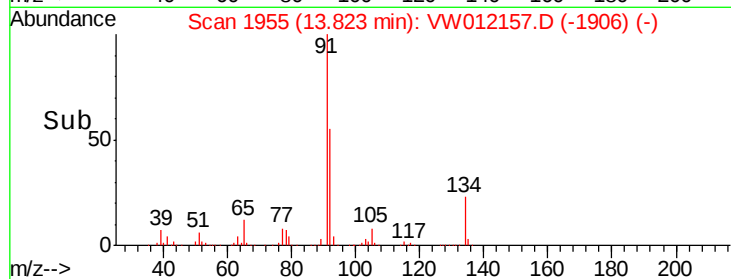
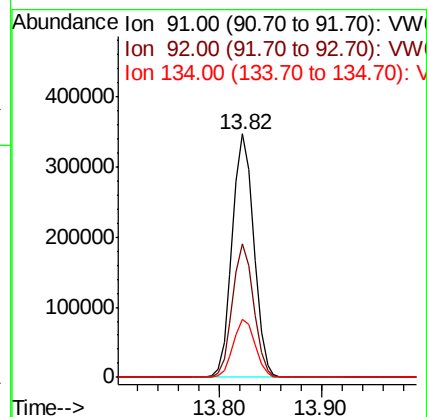
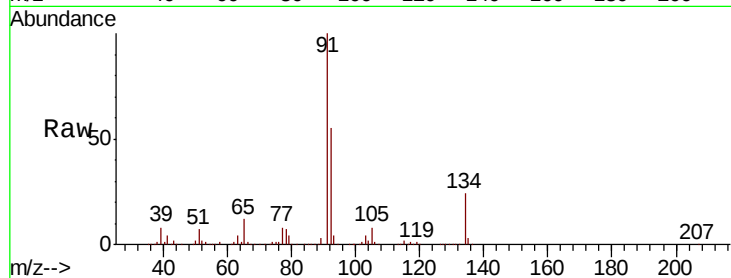
Tgt Ion: 91 Resp: 507596

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.2

134 24.0 12.2 36.4



#90

Hexachloroethane

Concen: 48.755 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012157.D

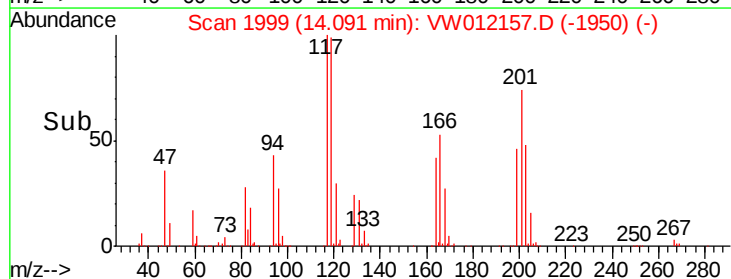
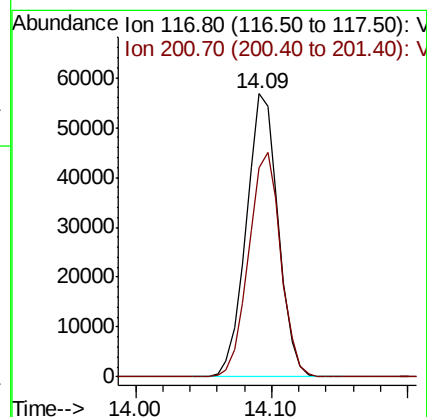
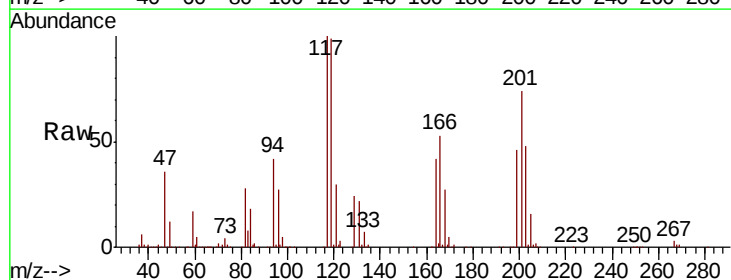
Acq: 24 Aug 2019 01:51

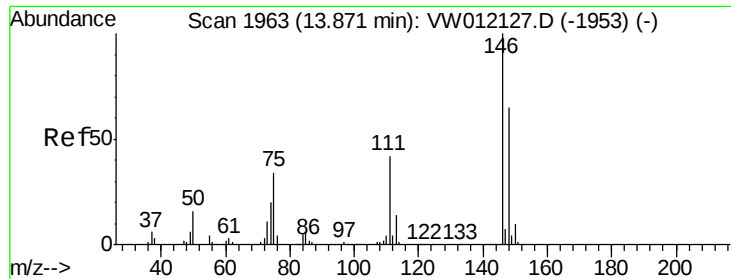
Tgt Ion: 117 Resp: 93136

Ion Ratio Lower Upper

117 100

201 79.7 38.6 115.7

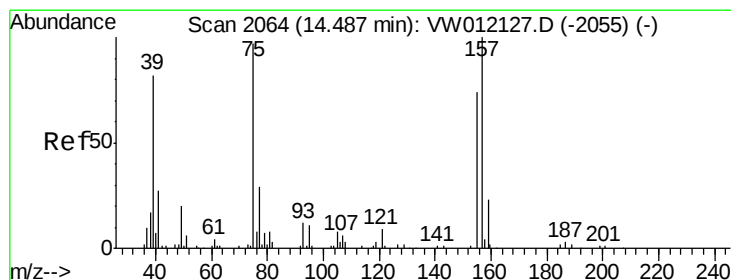
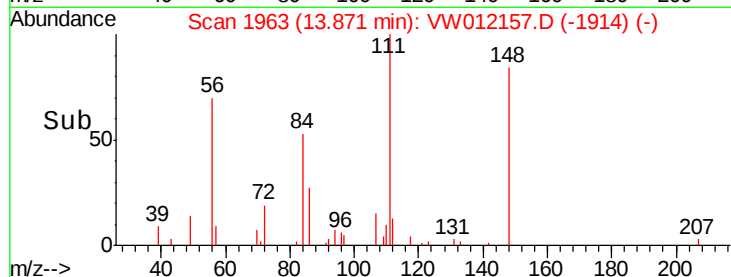
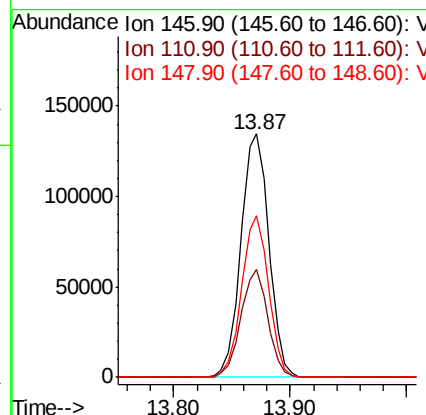
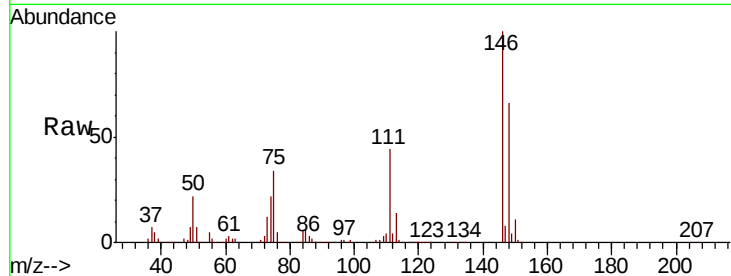




#91
 1,2-Dichlorobenzene
 Concen: 50.538 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

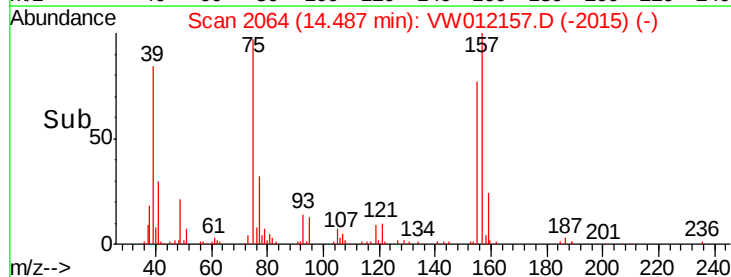
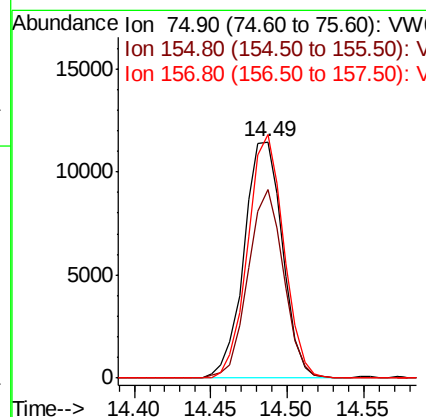
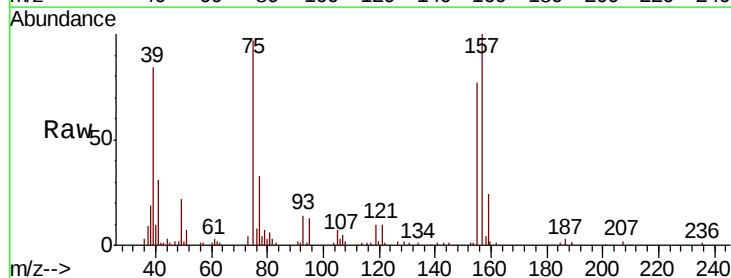
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

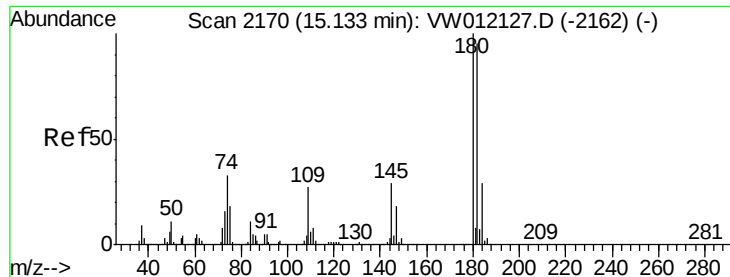
Tgt Ion: 146 Resp: 225547
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.2 63.6
 148 64.0 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.774 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion: 75 Resp: 19981
 Ion Ratio Lower Upper
 75 100
 155 74.2 37.5 112.3
 157 96.4 50.5 151.5

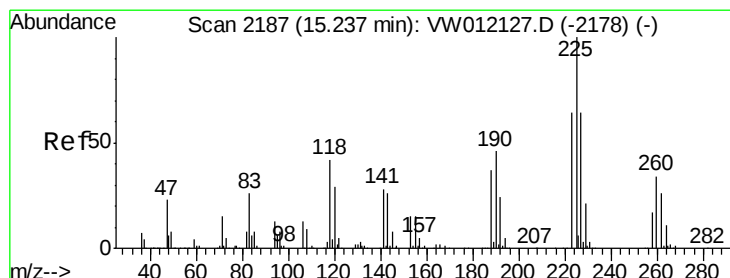
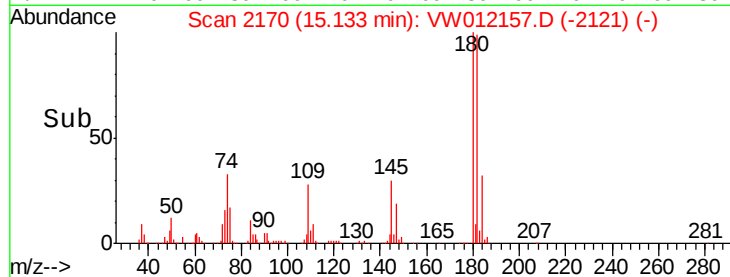
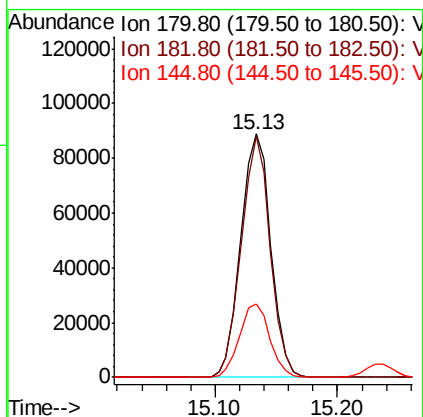
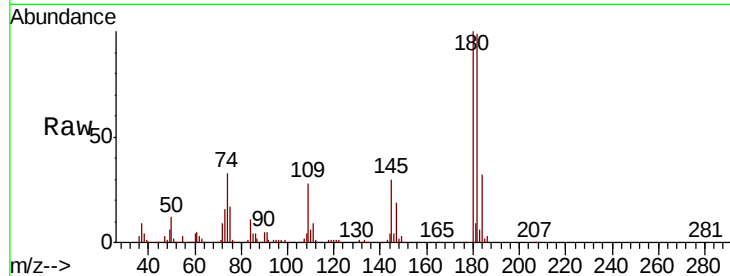




#93
 1,2,4-Trichlorobenzene
 Concen: 49.138 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

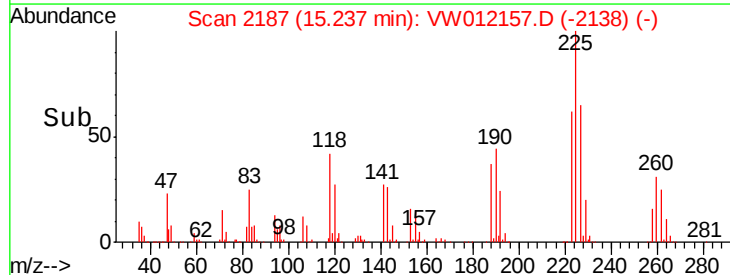
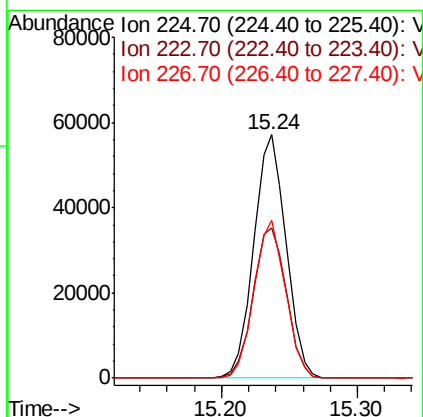
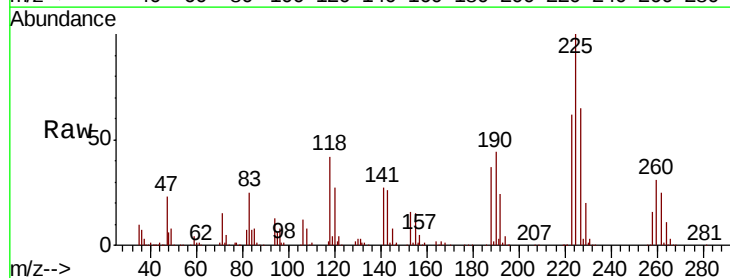
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

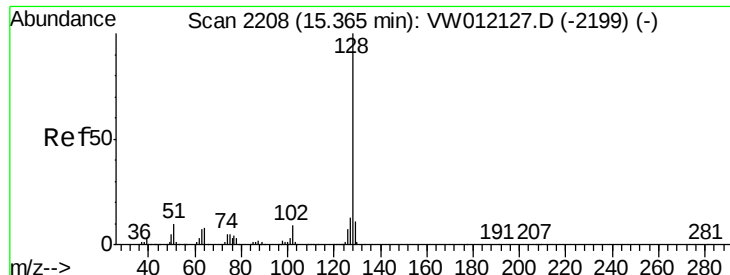
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	30.3	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 46.736 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012157.D
 Acq: 24 Aug 2019 01:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.3	96.8
227	63.7	32.9	98.6

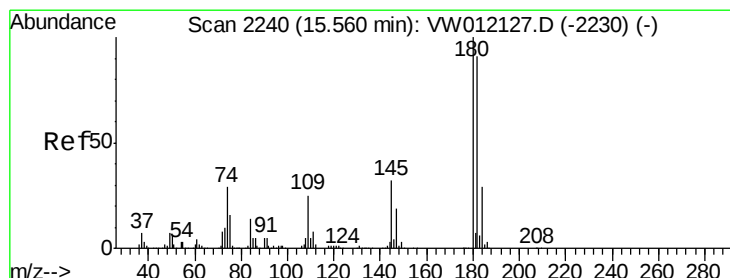
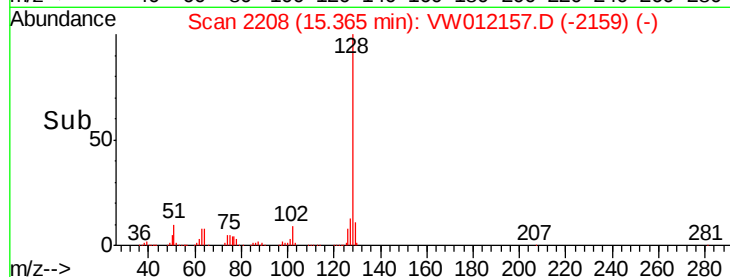
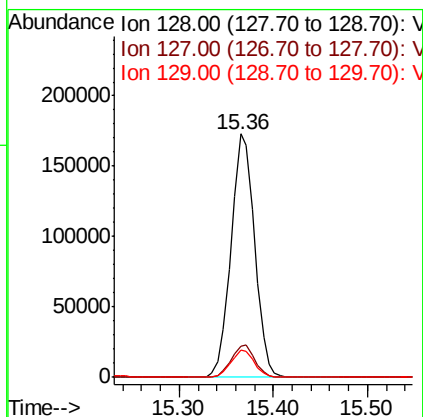
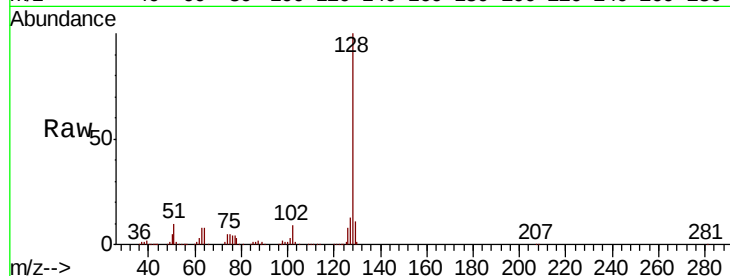




#95
Naphthalene
Concen: 49.701 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 300620
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.885 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012157.D
Acq: 24 Aug 2019 01:51

Tgt Ion:180 Resp: 136925
Ion Ratio Lower Upper
180 100
182 96.1 47.1 141.3
145 33.0 16.2 48.5

