

Data File : VW012761.D
Acq On : 08 Sep 2019 11:33
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 09 05:54:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147617	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133543	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	7.88	113	107087	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.32	98	392093	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	149223	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	54608	43.917	ug/l	98
3) Chloromethane	2.21	50	69853	46.225	ug/l	99
4) Vinyl Chloride	2.36	62	93405	50.411	ug/l	98
5) Bromomethane	2.78	94	53151	52.827	ug/l	97
6) Chloroethane	2.92	64	57580	52.077	ug/l	98
7) Trichlorofluoromethane	3.26	101	61506	48.104	ug/l	96
8) Diethyl Ether	3.68	74	55852	51.973	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	105561	52.609	ug/l	100
10) Methyl Iodide	4.27	142	129885	51.420	ug/l	98
11) Tert butyl alcohol	5.20	59	39766	202.807	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	98588	52.049	ug/l	97
13) Acrolein	3.89	56	51076	245.469	ug/l	98
14) Allyl chloride	4.66	41	203323	51.890	ug/l	99
15) Acrylonitrile	5.37	53	136837	218.008	ug/l	97
16) Acetone	4.13	43	164119	234.906	ug/l	98
17) Carbon Disulfide	4.38	76	200498	49.868	ug/l	99
18) Methyl Acetate	4.67	43	68953	42.066	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	192155	51.153	ug/l	100
20) Methylene Chloride	4.92	84	106377	48.668	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	99252	51.354	ug/l	98
22) Diisopropyl ether	6.30	45	387745	49.894	ug/l	91
23) Vinyl Acetate	6.25	43	1228178	249.371	ug/l	99
24) 1,1-Dichloroethane	6.21	63	215365	51.468	ug/l	99
25) 2-Butanone	7.17	43	206452	204.572	ug/l	99
26) 2,2-Dichloropropane	7.16	77	144613	54.718	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	119070	53.133	ug/l	99
28) Bromochloromethane	7.51	49	106703	55.535	ug/l	99
29) Tetrahydrofuran	7.52	42	122142	216.489	ug/l	100
30) Chloroform	7.67	83	218305	52.641	ug/l	98
31) Cyclohexane	7.95	56	168420	44.708	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	177277	52.737	ug/l	100
36) 1,1-Dichloropropene	8.08	75	158226	53.478	ug/l	99
37) Ethyl Acetate	7.25	43	84678	44.896	ug/l	99
38) Carbon Tetrachloride	8.06	117	159805	54.792	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168058	50.574	ug/l	98
40) Benzene	8.32	78	428589	52.210	ug/l	99
41) Methacrylonitrile	7.48	41	59790	46.892	ug/l	93
42) 1,2-Dichloroethane	8.40	62	151803	52.544	ug/l	100
43) Isopropyl Acetate	8.42	43	161934	45.317	ug/l	98
44) Trichloroethene	9.09	130	107372	50.742	ug/l	97
45) 1,2-Dichloropropane	9.37	63	114899	50.465	ug/l	99
46) Dibromomethane	9.46	93	49339	45.763	ug/l	97
47) Bromodichloromethane	9.64	83	156944	52.910	ug/l	99
48) Methyl methacrylate	9.43	41	71740	42.011	ug/l	99
49) 1,4-Dioxane	9.46	88	15186	713.075	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	376121	200.595	ug/l	99
52) Toluene	10.38	92	260597	50.862	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	161383	52.911	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	185150	53.510	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	79462	49.230	ug/l	97
56) Ethyl methacrylate	10.65	69	115041	48.690	ug/l	99
57) 1,3-Dichloropropane	10.93	76	148998	49.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	319584	254.784	ug/l	99
59) 2-Hexanone	10.96	43	309191	225.709	ug/l	99
60) Dibromochloromethane	11.13	129	100139	52.751	ug/l	100
61) 1,2-Dibromoethane	11.23	107	74412	50.285	ug/l	99
64) Tetrachloroethene	10.86	164	92083	50.122	ug/l	99
65) Chlorobenzene	11.66	112	287763	50.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111982	52.547	ug/l	99
67) Ethyl Benzene	11.73	91	563840	52.515	ug/l	99
68) m/p-Xylenes	11.83	106	398817	102.907	ug/l	98
69) o-Xylene	12.16	106	188359	51.517	ug/l	100
70) Styrene	12.18	104	326340	50.510	ug/l	99
71) Bromoform	12.35	173	55738	47.076	ug/l #	100
73) Isopropylbenzene	12.46	105	545168	51.492	ug/l	100
74) N-amyl acetate	12.27	43	149744	44.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95599	44.961	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	125573	83.191	ug/l #	100
77) Bromobenzene	12.74	156	114697	47.816	ug/l	97
78) n-propylbenzene	12.80	91	654158	51.661	ug/l	100
79) 2-Chlorotoluene	12.89	91	370738	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458299	51.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32942	46.159	ug/l	98
82) 4-Chlorotoluene	12.99	91	394145	51.260	ug/l	100
83) tert-Butylbenzene	13.21	119	368317	46.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	413462	45.994	ug/l	99
85) sec-Butylbenzene	13.38	105	544406	49.734	ug/l	100
86) p-Isopropyltoluene	13.50	119	505665	50.574	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	237320	50.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	226819	48.347	ug/l	99
89) n-Butylbenzene	13.82	91	498626	51.369	ug/l	99
90) Hexachloroethane	14.09	117	90784	52.011	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212495	50.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15254	39.202	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
Quantitation Report (Not Reviewed)

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VSTDCCC050

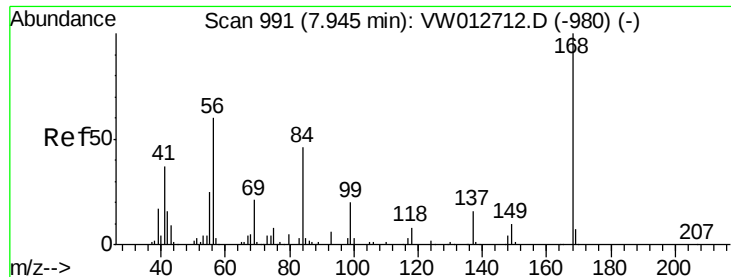
Quant Time: Sep 09 05:54:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	131614	44.547	ug/l	98
94) Hexachlorobutadiene	15.24	225	88302	43.180	ug/l	97
95) Naphthalene	15.36	128	224565	37.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	113729	43.609	ug/l	99

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

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Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

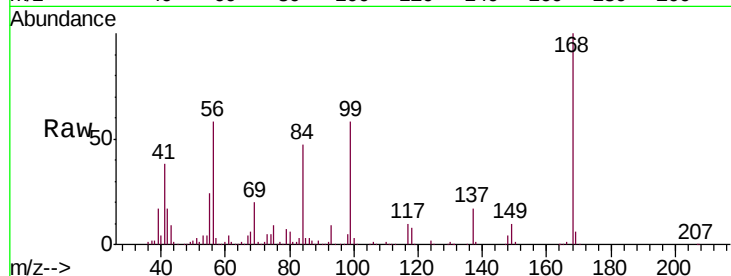
VSTDCCC050

Tgt Ion:168 Resp: 229364

Ion Ratio Lower Upper

168 100

99 57.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

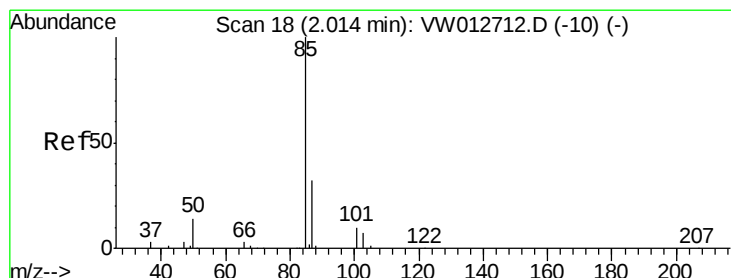
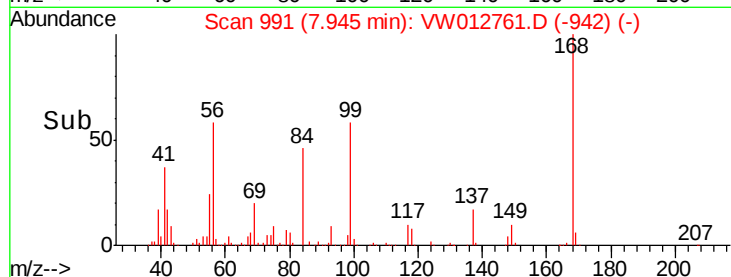
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 43.917 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012761.D

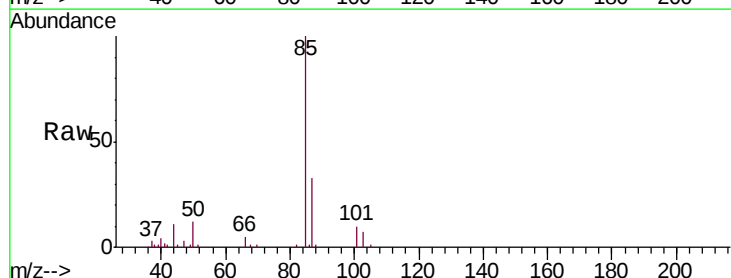
Acq: 08 Sep 2019 11:33

Tgt Ion: 85 Resp: 54608

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

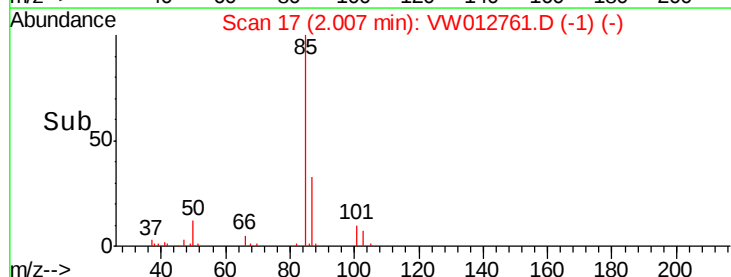
15000

10000

5000

0

Time--> 1.90 2.00 2.10

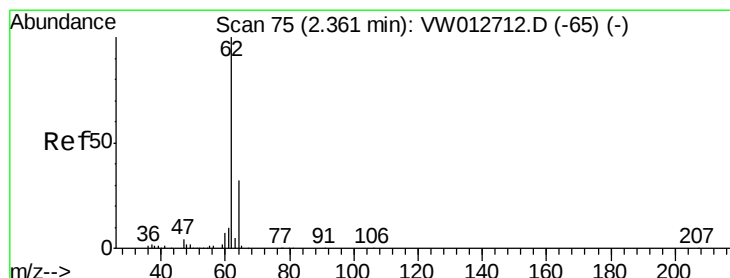
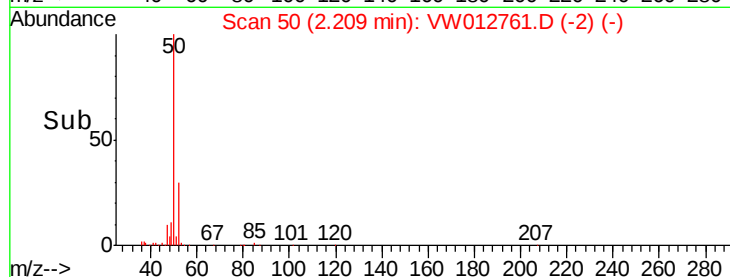
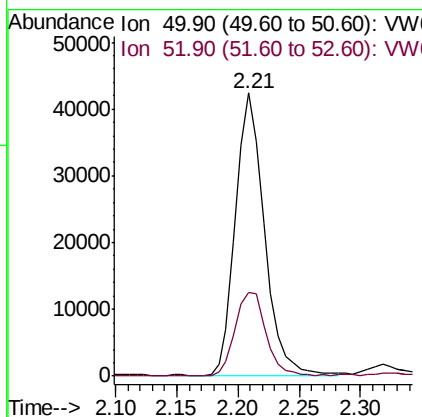
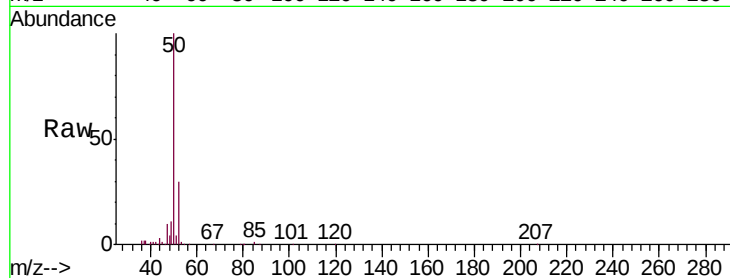




#3
Chloromethane
Concen: 46.225 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

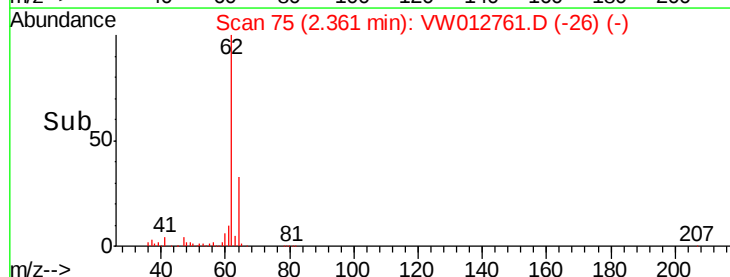
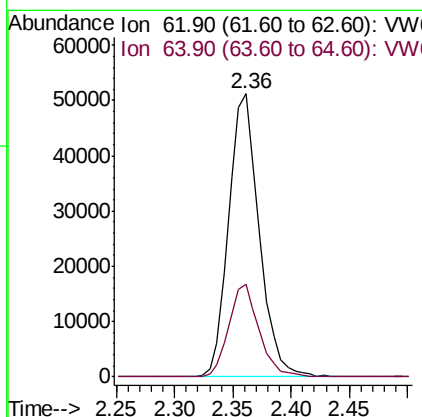
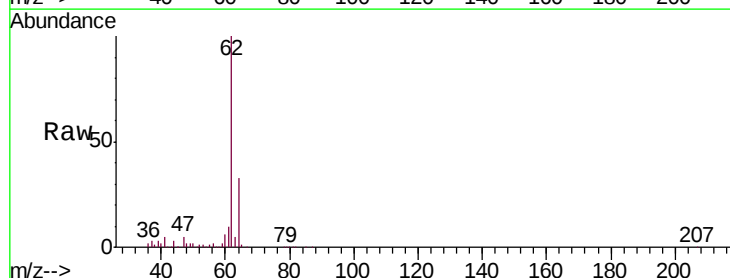
Instrument :
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VSTDCCC050

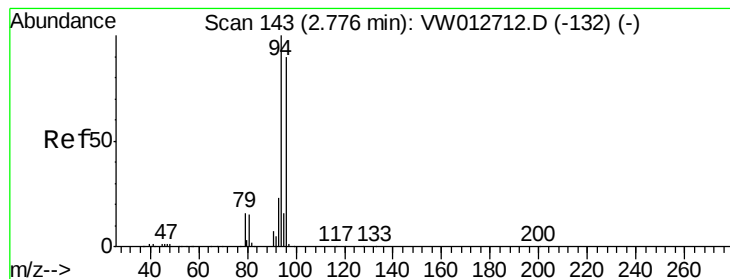
Tgt Ion: 50 Resp: 69853
Ion Ratio Lower Upper
50 100
52 29.8 24.2 36.2



#4
Vinyl Chloride
Concen: 50.411 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 62 Resp: 93405
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5

Bromomethane

Concen: 52.827 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

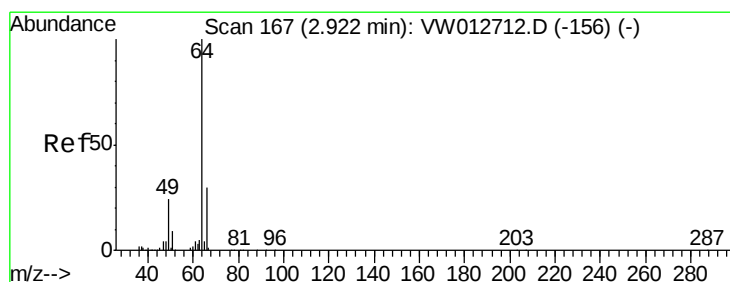
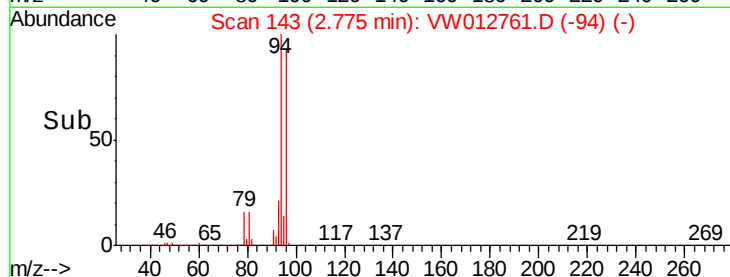
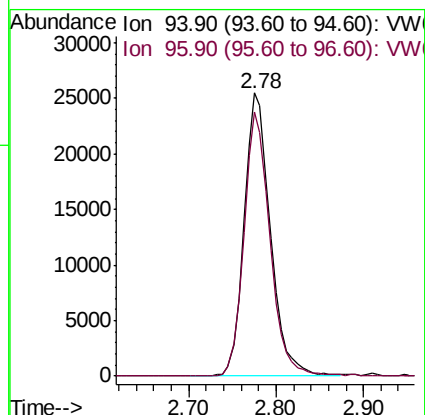
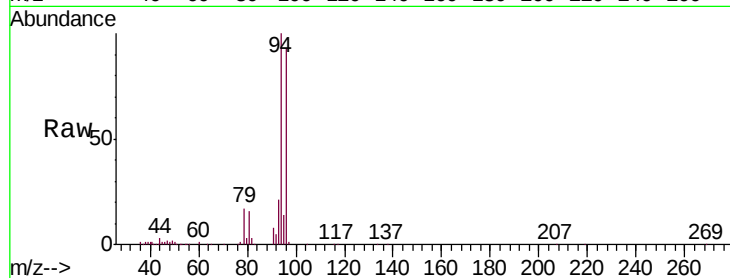
VSTDCCC050

Tgt Ion: 94 Resp: 53151

Ion Ratio Lower Upper

94 100

96 93.2 72.1 108.1



#6

Chloroethane

Concen: 52.077 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012761.D

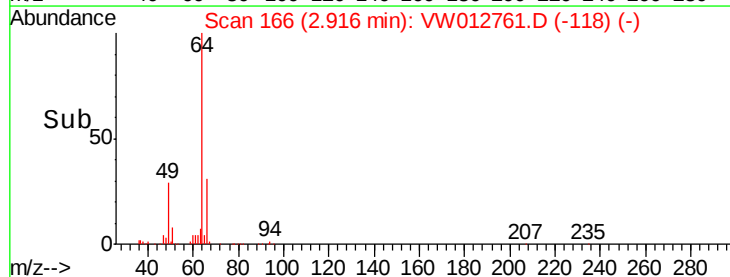
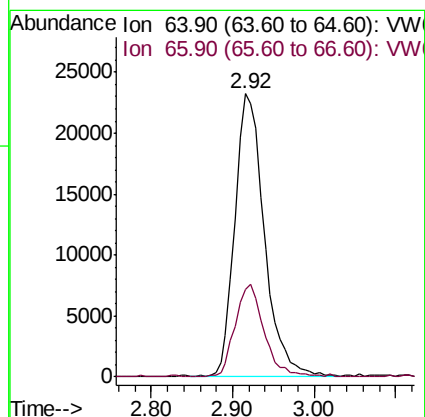
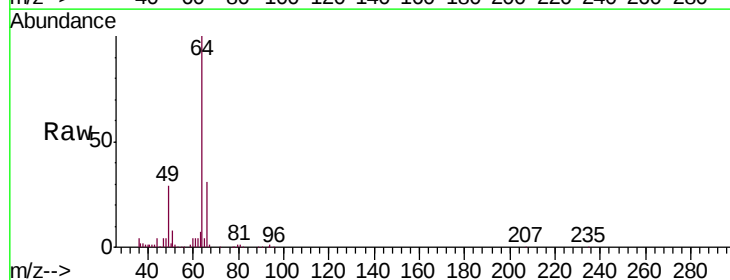
Acq: 08 Sep 2019 11:33

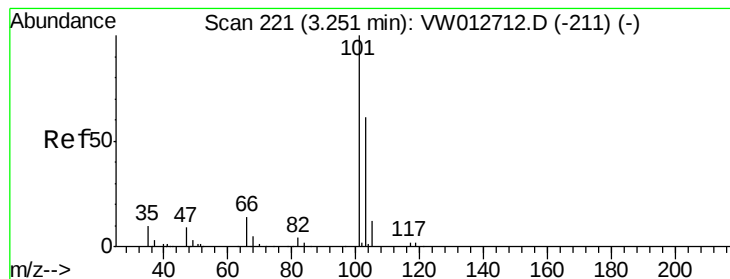
Tgt Ion: 64 Resp: 57580

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



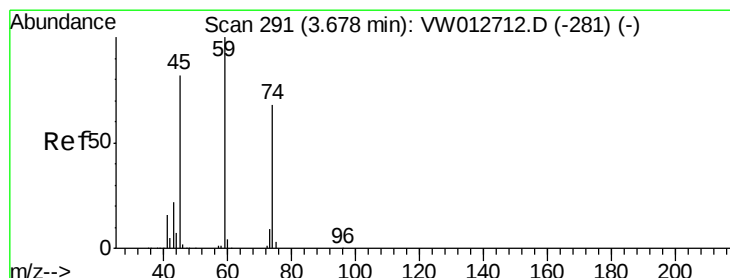
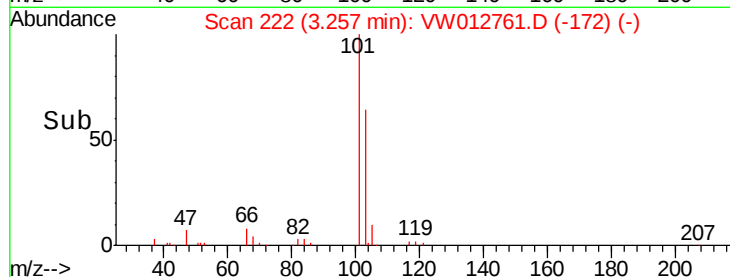
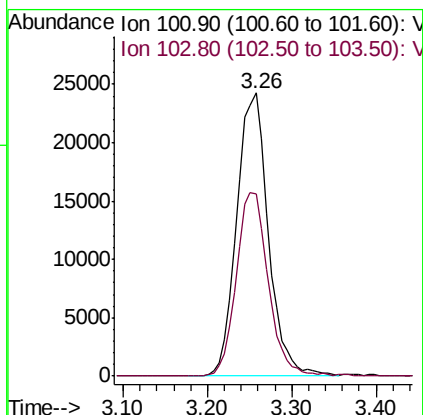
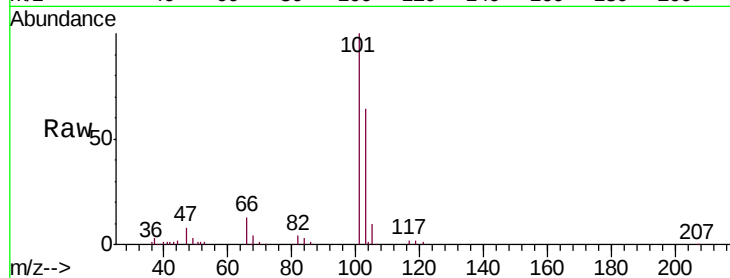


#7

Trichlorofluoromethane
Concen: 48.104 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW012761.D
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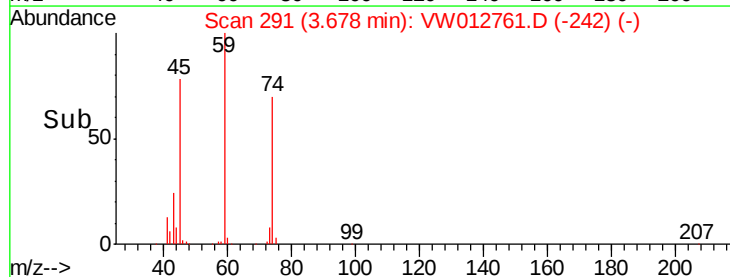
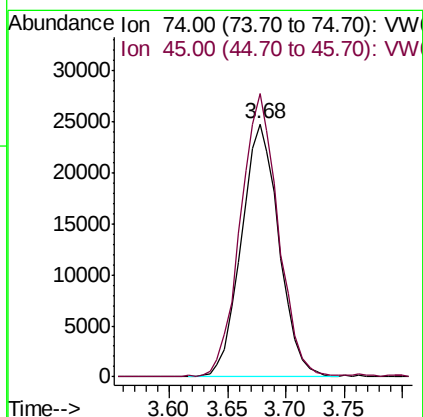
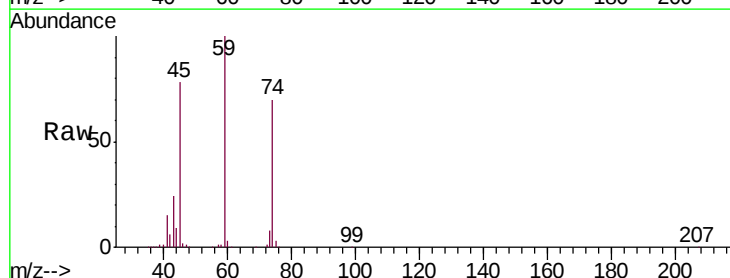
Tgt Ion: 101 Resp: 61506
Ion Ratio Lower Upper
101 100
103 64.3 49.0 73.4

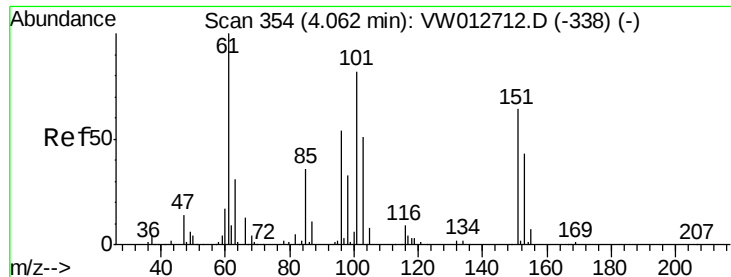


#8

Diethyl Ether
Concen: 51.973 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 74 Resp: 55852
Ion Ratio Lower Upper
74 100
45 113.2 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.609 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

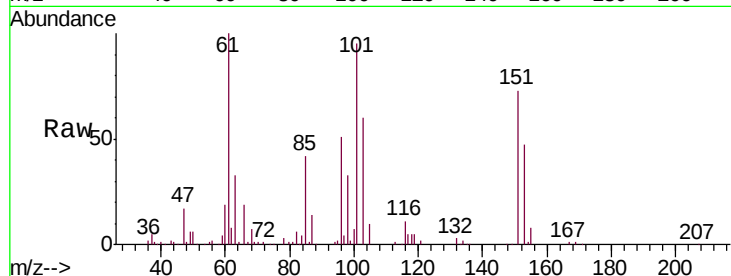
Tgt Ion:101 Resp: 105561

Ion Ratio Lower Upper

101 100

85 44.6 36.2 54.2

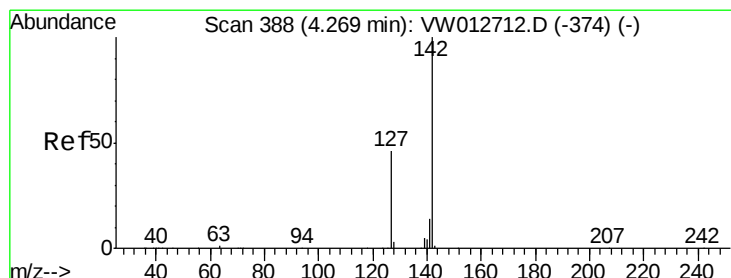
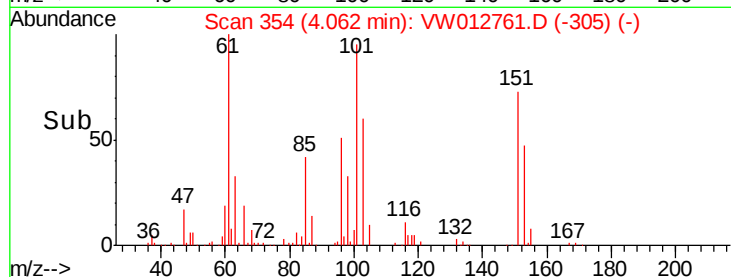
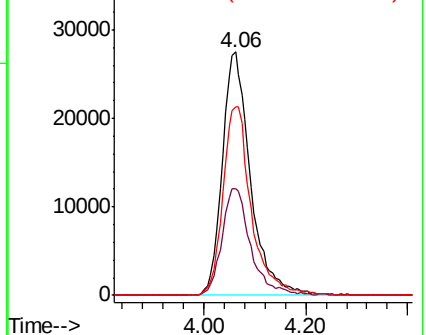
151 77.2 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.420 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

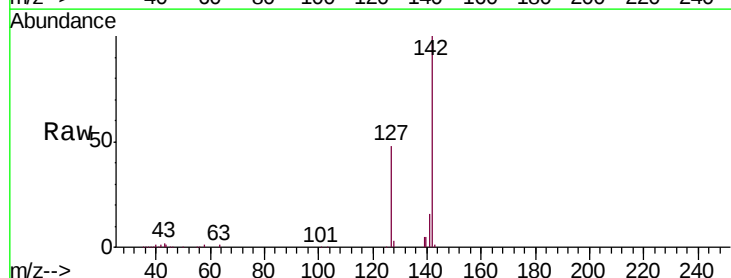
Tgt Ion:142 Resp: 129885

Ion Ratio Lower Upper

142 100

127 46.1 36.0 54.0

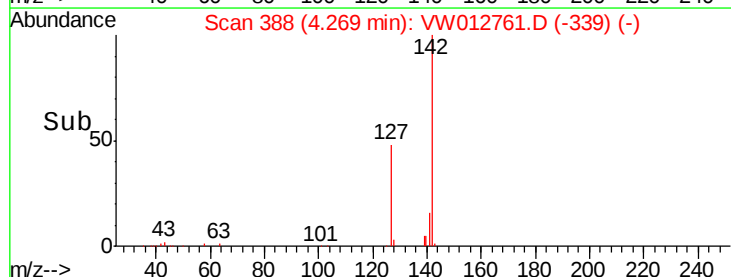
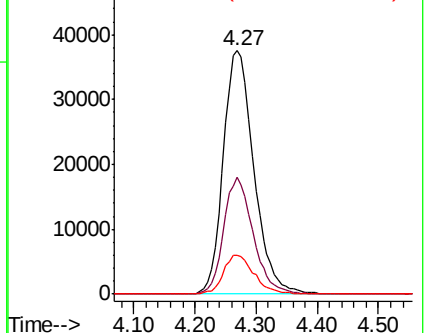
141 15.8 12.2 18.4

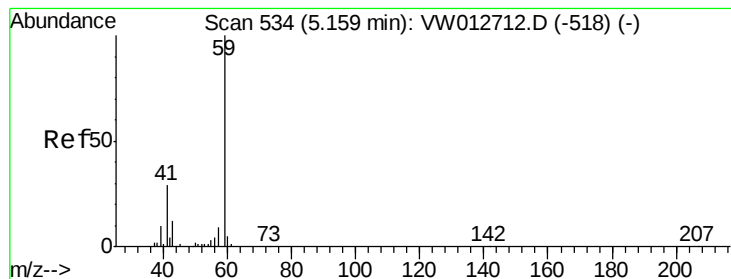


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 202.807 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.04 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

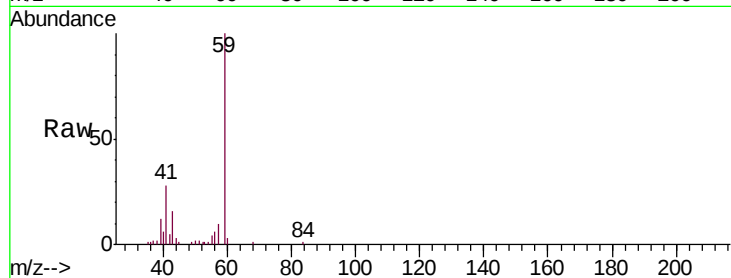
VSTDCCC050

Tgt Ion: 59 Resp: 39766

Ion Ratio Lower Upper

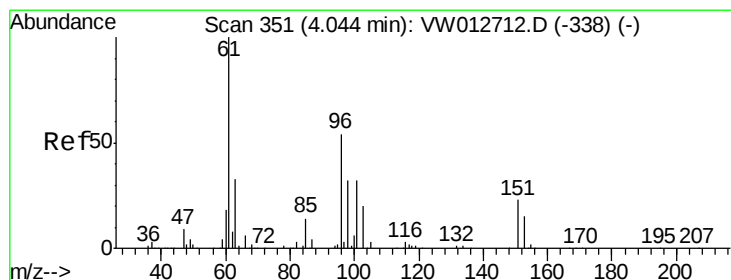
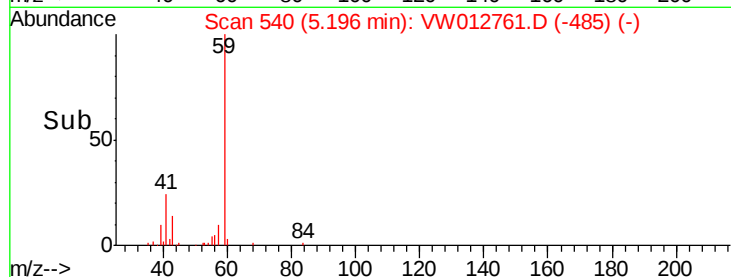
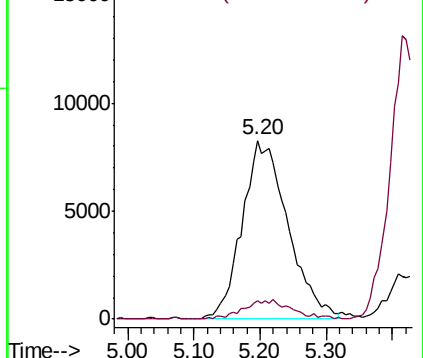
59 100

57 4.8 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 52.049 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

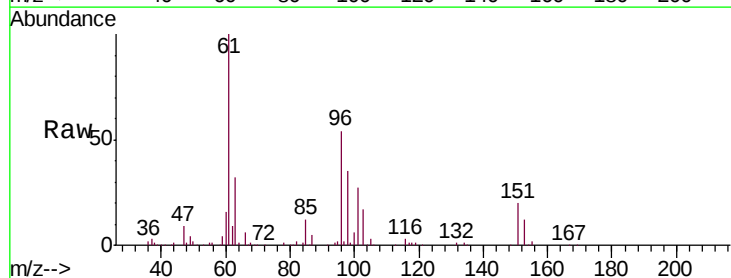
Tgt Ion: 96 Resp: 98588

Ion Ratio Lower Upper

96 100

61 186.3 147.8 221.6

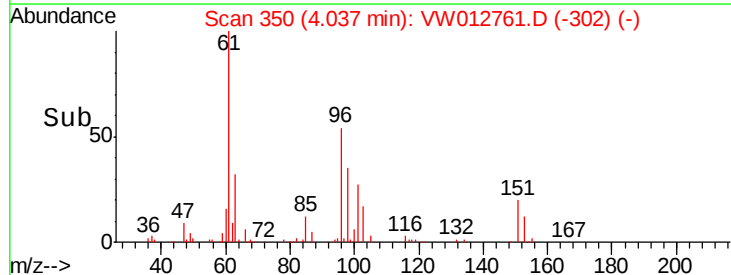
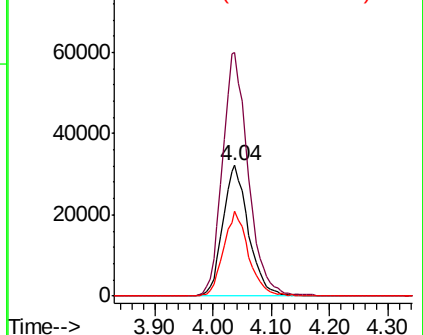
98 65.2 47.9 71.9

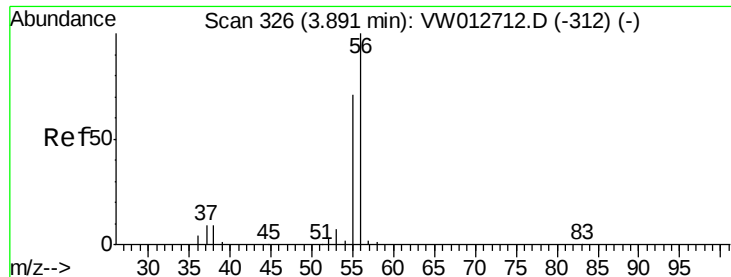


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

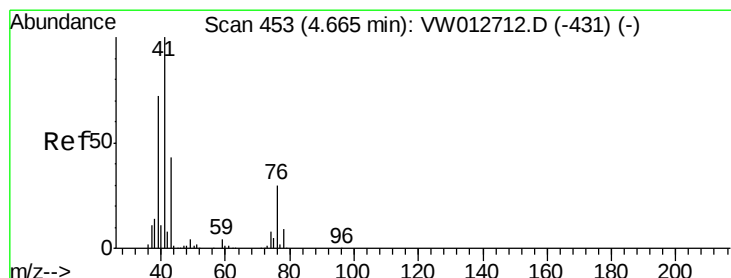
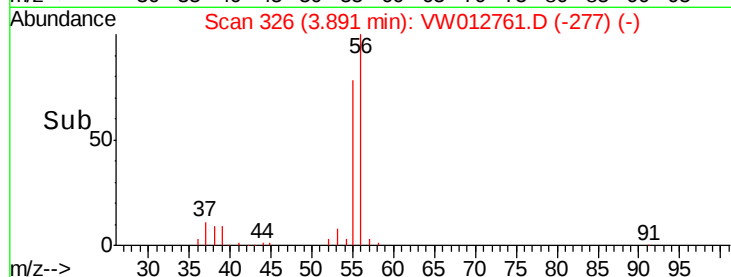
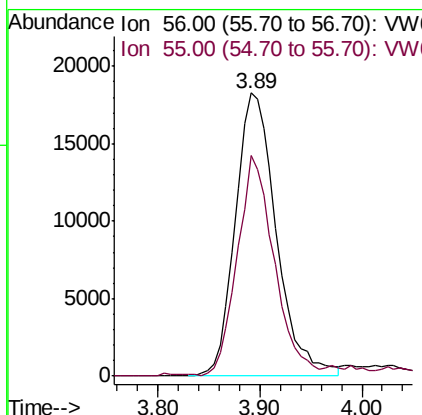
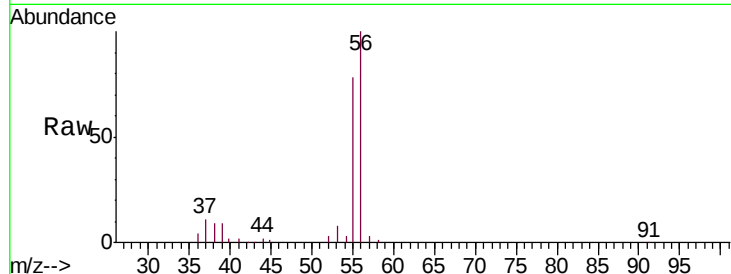




#13
 Acrolein
 Concen: 245.469 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

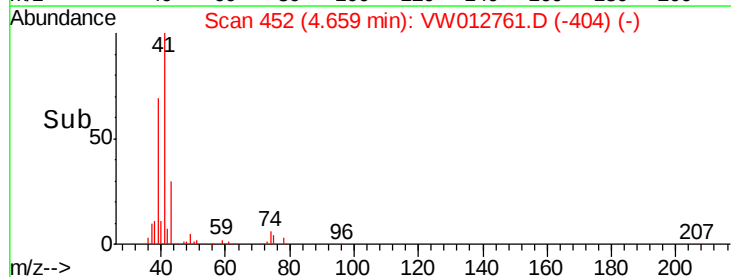
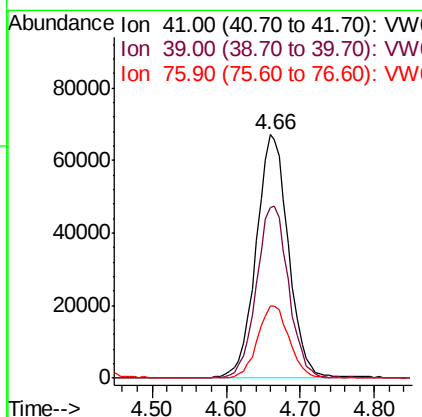
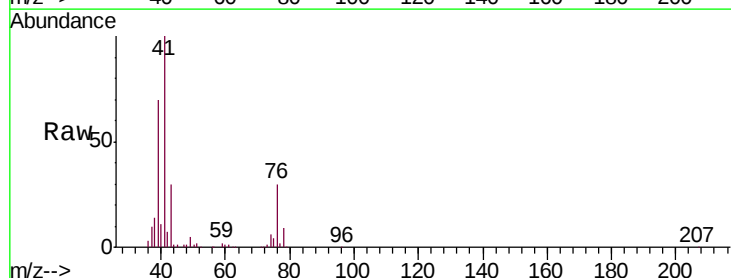
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

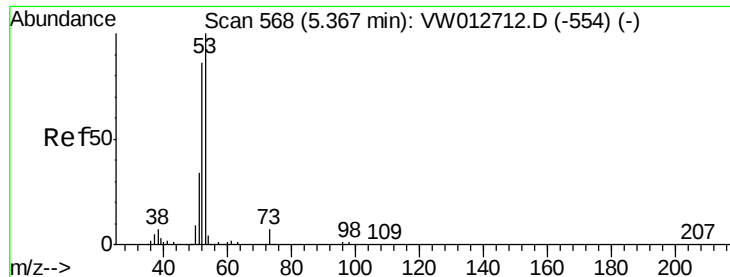
Tgt Ion: 56 Resp: 51076
 Ion Ratio Lower Upper
 56 100
 55 69.5 56.9 85.3



#14
 Allyl chloride
 Concen: 51.890 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 41 Resp: 203323
 Ion Ratio Lower Upper
 41 100
 39 70.3 55.0 82.6
 76 29.1 23.0 34.4





#15

Acrylonitrile

Concen: 218.008 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

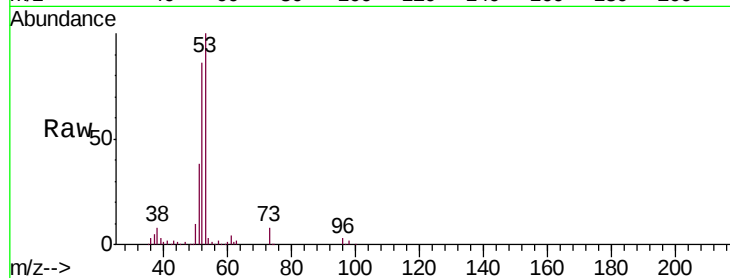
Tgt Ion: 53 Resp: 136837

Ion Ratio Lower Upper

53 100

52 86.0 67.0 100.4

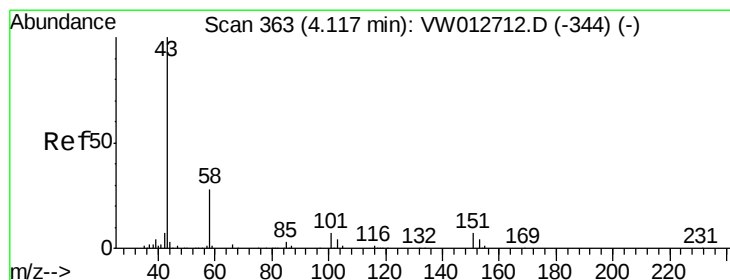
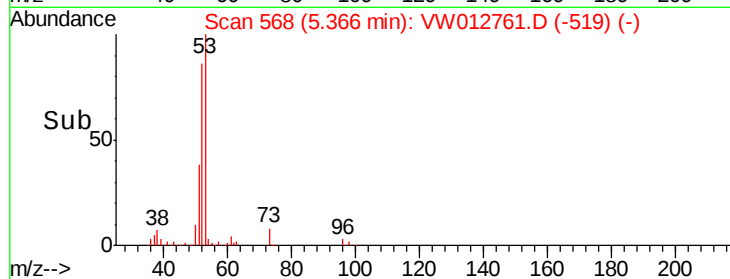
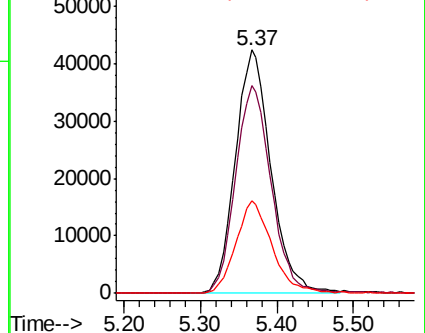
51 38.8 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 234.906 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012761.D

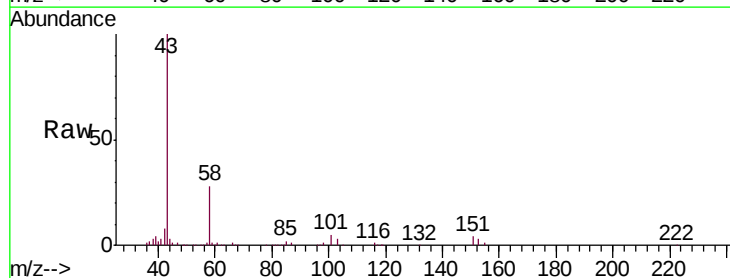
Acq: 08 Sep 2019 11:33

Tgt Ion: 43 Resp: 164119

Ion Ratio Lower Upper

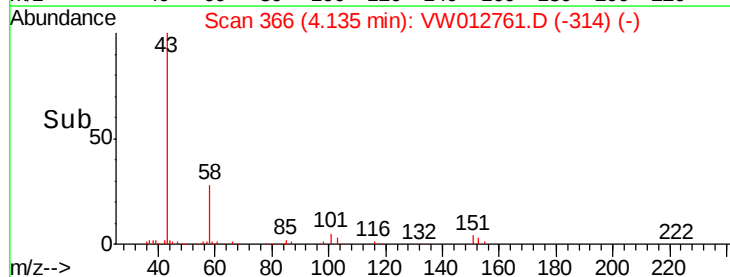
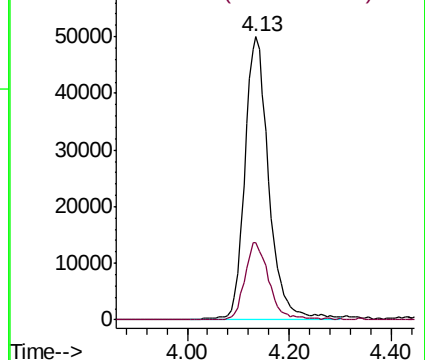
43 100

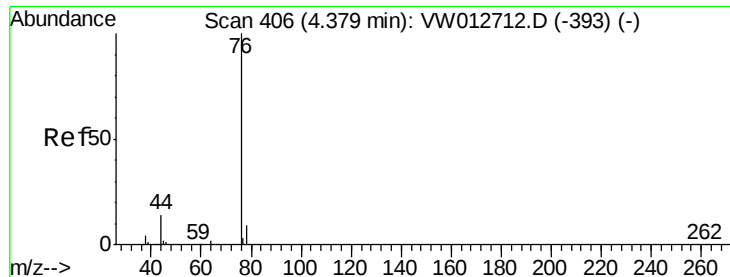
58 27.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 49.868 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

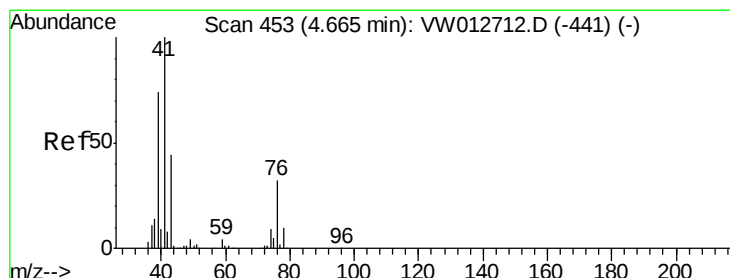
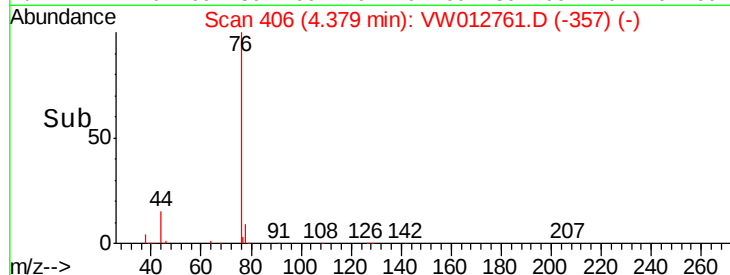
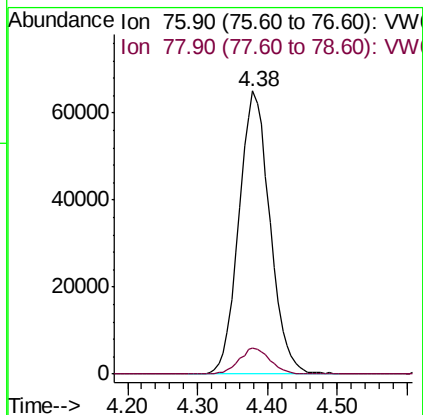
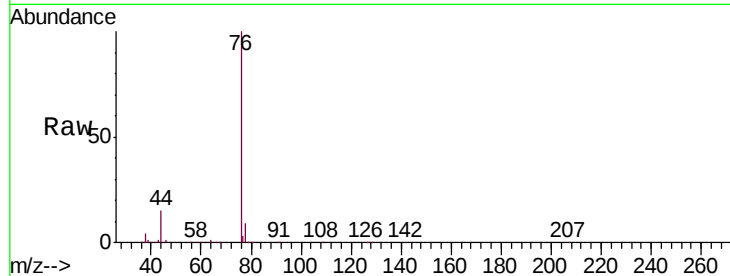
VSTDCCC050

Tgt Ion: 76 Resp: 200498

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 42.066 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012761.D

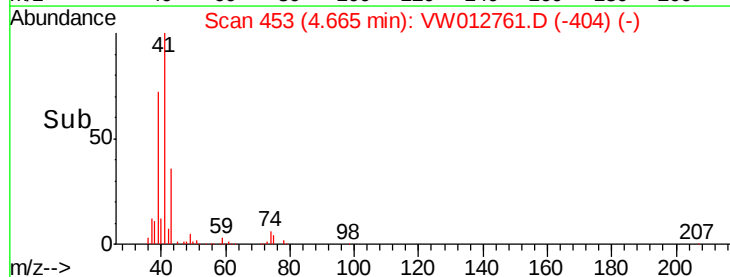
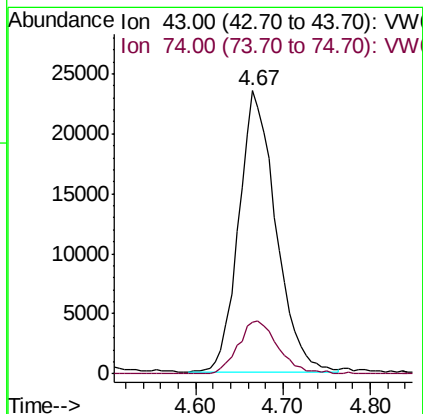
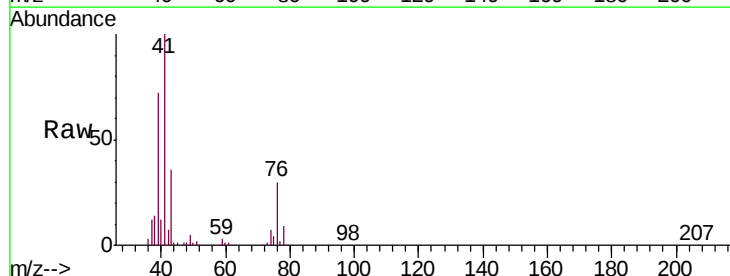
Acq: 08 Sep 2019 11:33

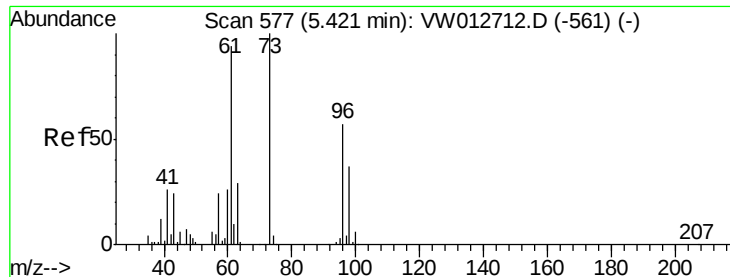
Tgt Ion: 43 Resp: 68953

Ion Ratio Lower Upper

43 100

74 20.3 15.8 23.6

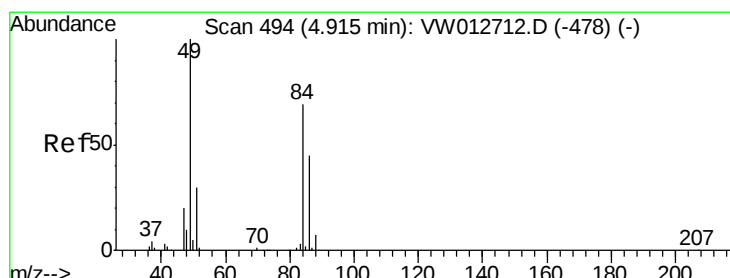
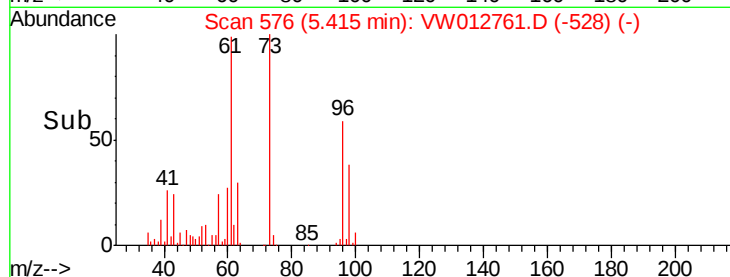
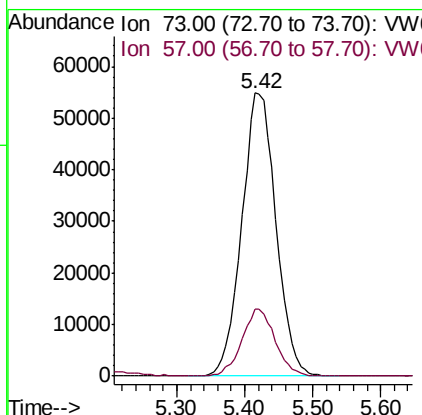
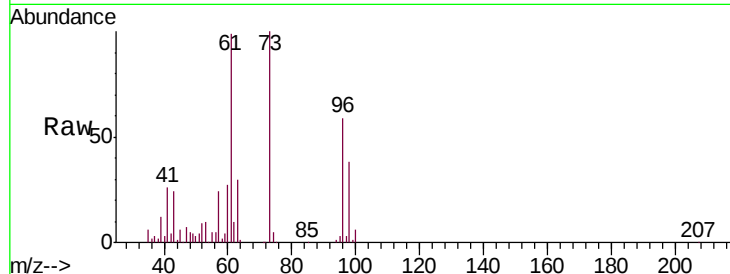




#19
Methyl tert-butyl Ether
Concen: 51.153 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

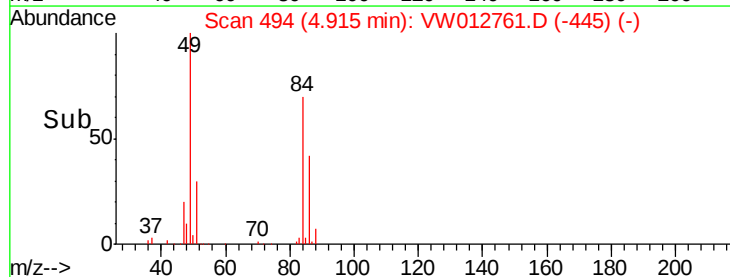
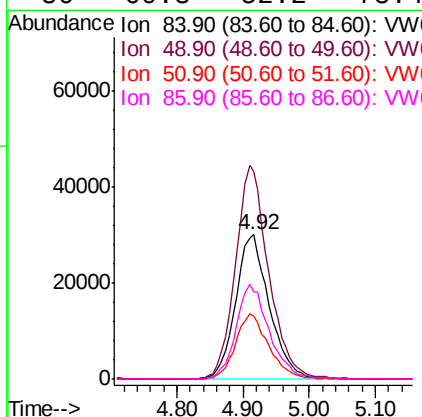
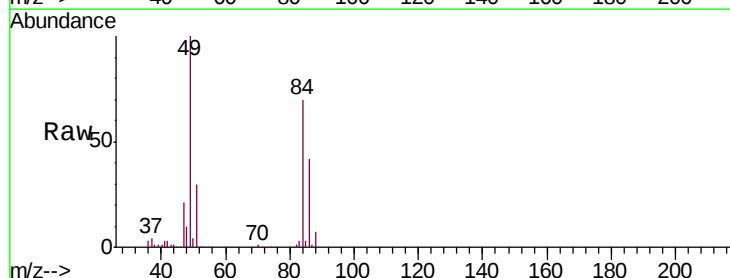
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

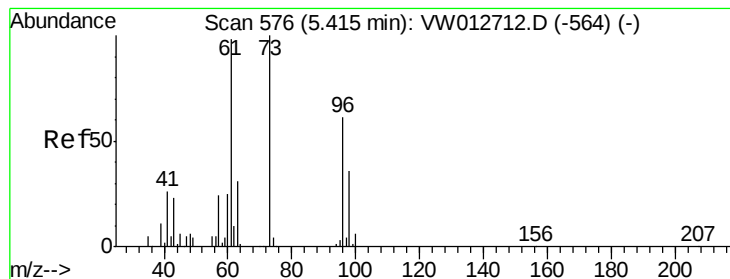
Tgt Ion: 73 Resp: 192155
Ion Ratio Lower Upper
73 100
57 23.9 19.2 28.8



#20
Methylene Chloride
Concen: 48.668 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 84 Resp: 106377
Ion Ratio Lower Upper
84 100
49 143.3 115.4 173.0
51 43.7 34.9 52.3
86 60.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 51.354 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

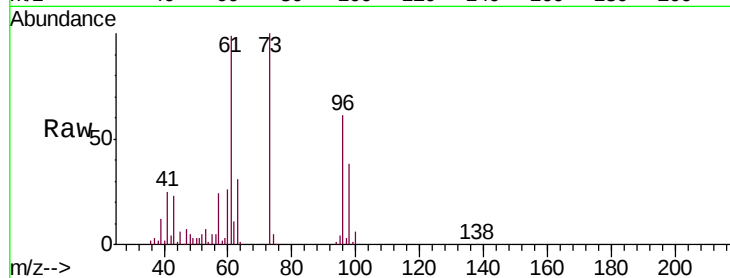
Tgt Ion: 96 Resp: 99252

Ion Ratio Lower Upper

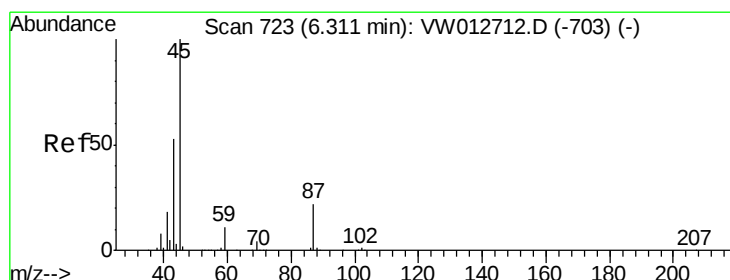
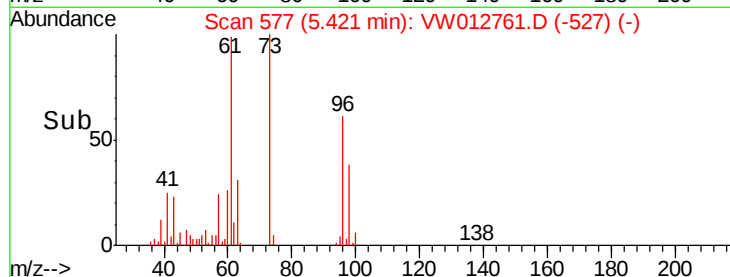
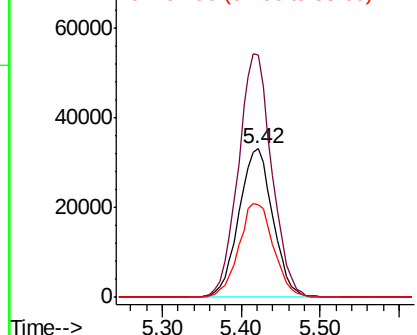
96 100

61 163.3 129.2 193.8

98 62.2 48.0 72.0



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: 49.894 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion: 45 Resp: 387745

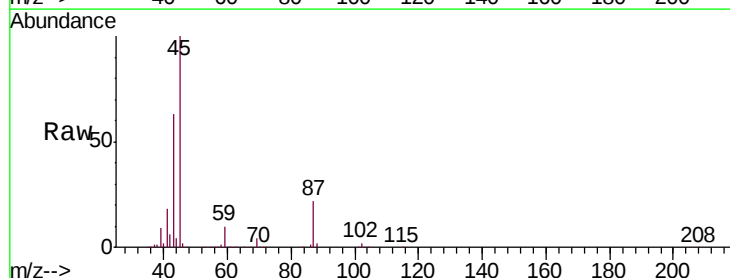
Ion Ratio Lower Upper

45 100

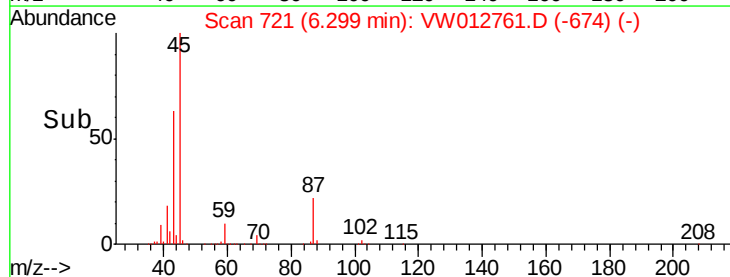
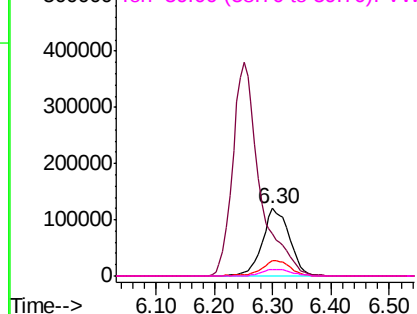
43 63.1 42.3 63.5

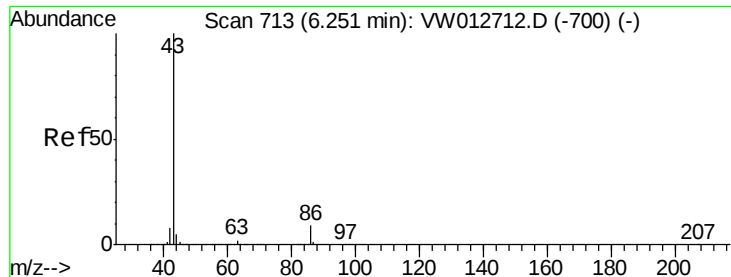
87 22.1 18.2 27.2

59 10.2 8.5 12.7



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: 249.371 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

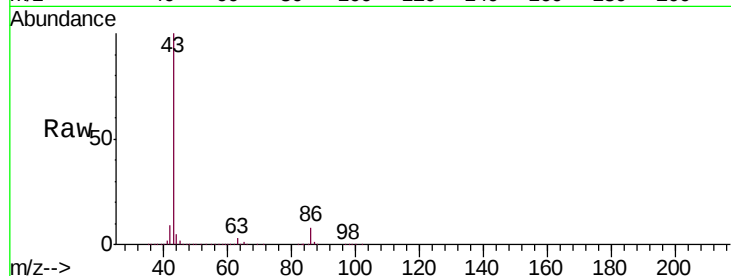
VSTDCCC050

Tgt Ion: 43 Resp: 1228178

Ion Ratio Lower Upper

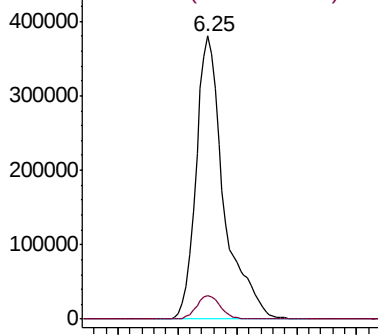
43 100

86 8.3 7.0 10.6

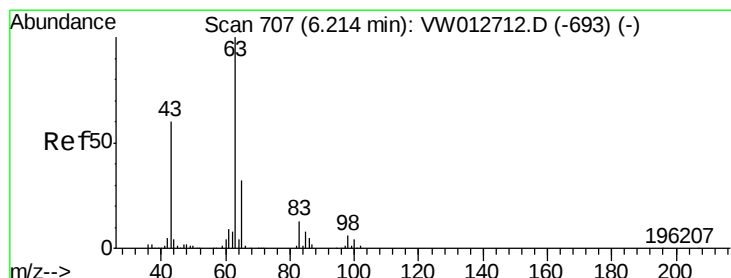
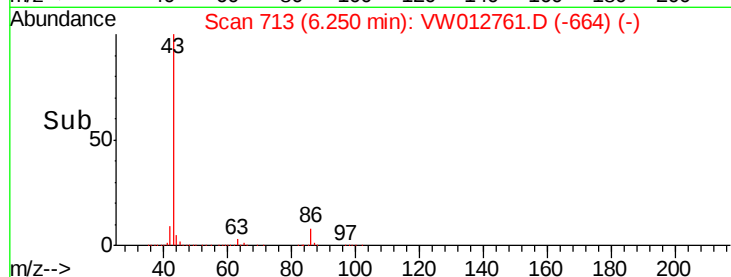


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 51.468 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

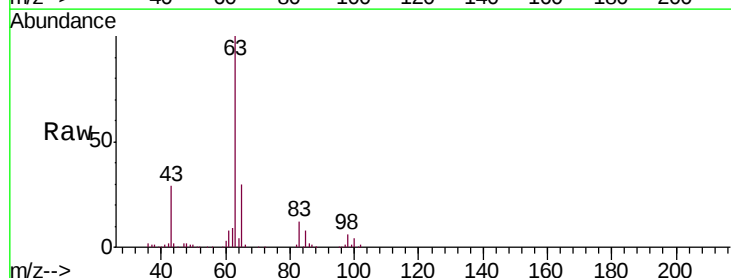
Tgt Ion: 63 Resp: 215365

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

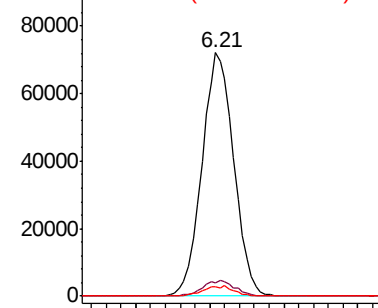
100 3.8 1.8 5.5



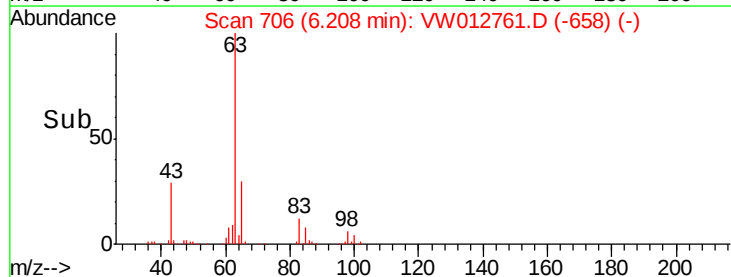
Abundance Ion 62.90 (62.60 to 63.60): VW

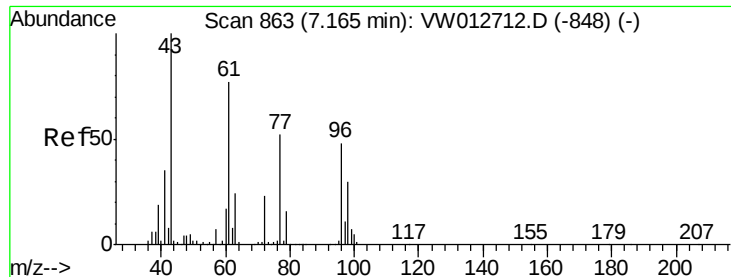
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->

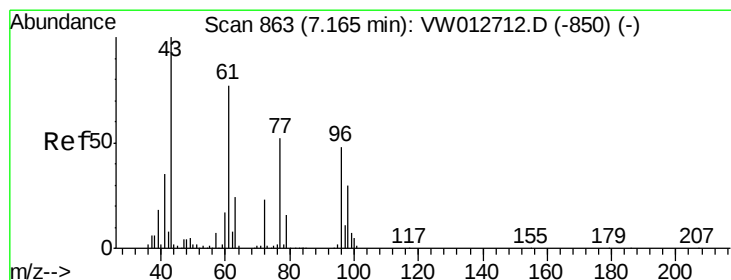
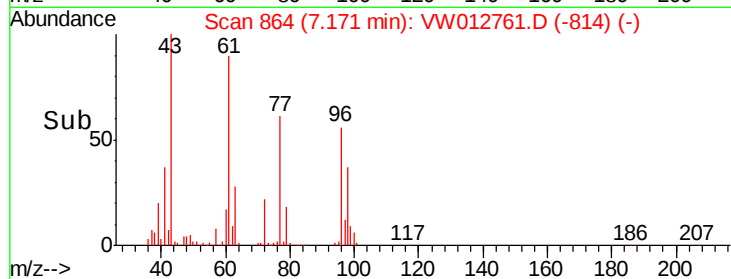
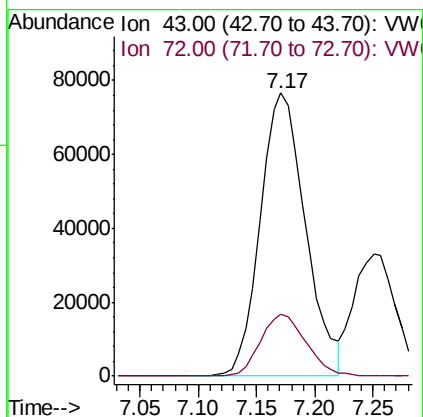
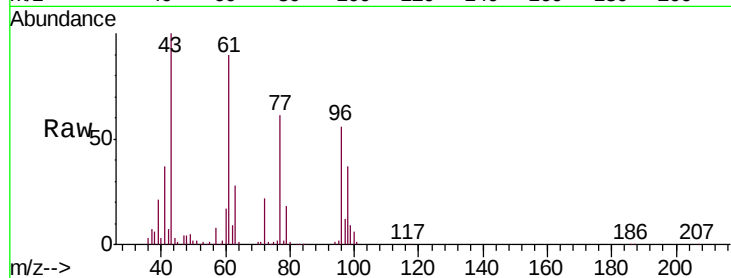




#25
2-Butanone
Concen: 204.572 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

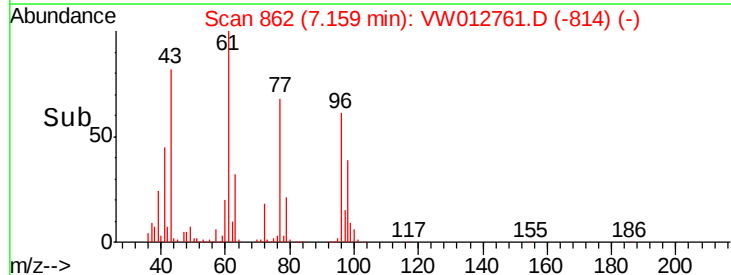
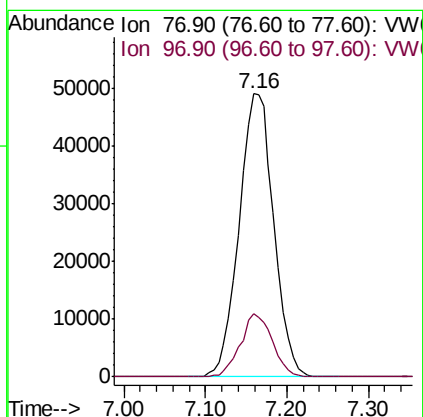
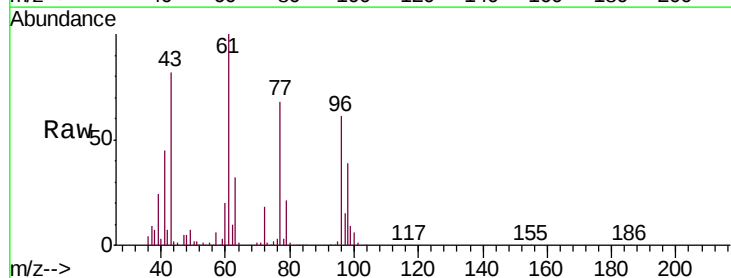
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

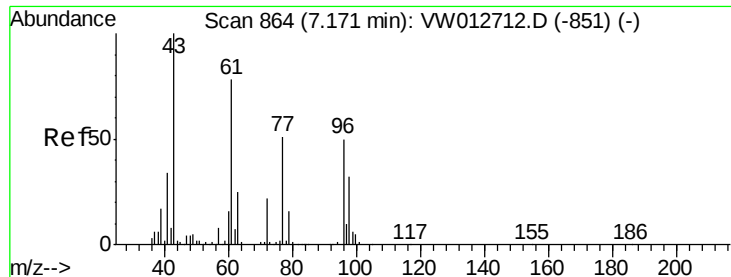
Tgt Ion: 43 Resp: 206452
Ion Ratio Lower Upper
43 100
72 22.0 18.0 27.0



#26
2,2-Dichloropropane
Concen: 54.718 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 77 Resp: 144613
Ion Ratio Lower Upper
77 100
97 20.6 10.7 32.1



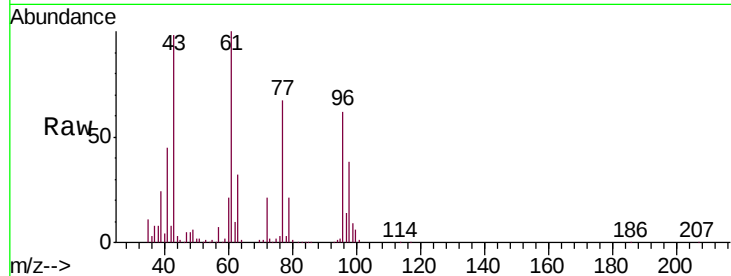


#27

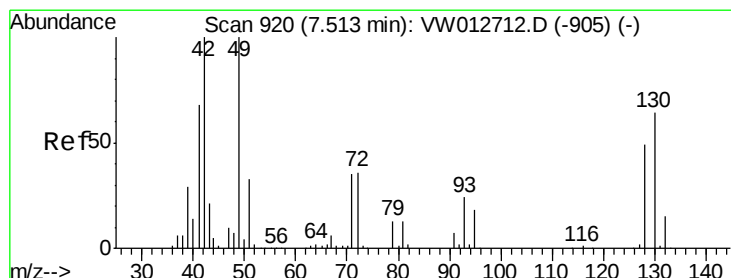
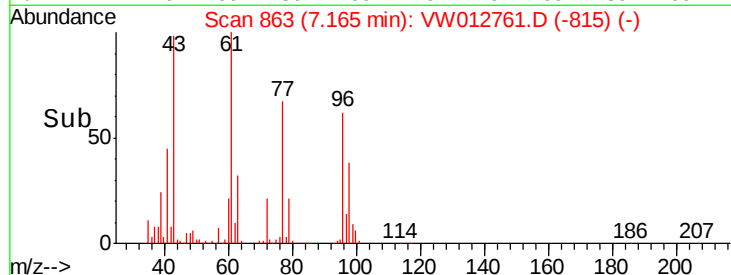
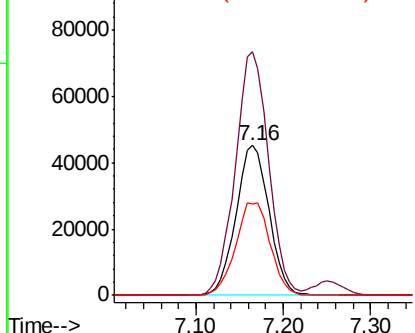
cis-1,2-Dichloroethene
 Concen: 53.133 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 119070
 Ion Ratio Lower Upper
 96 100
 61 162.6 0.0 325.8
 98 64.7 0.0 127.0



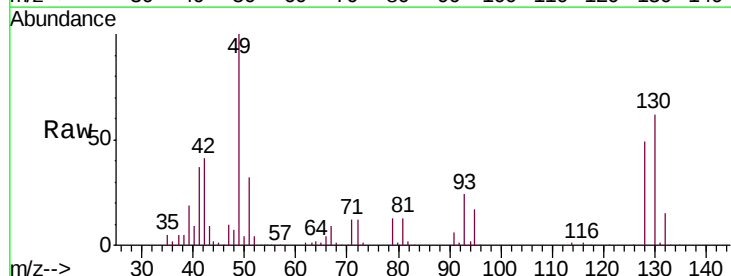
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



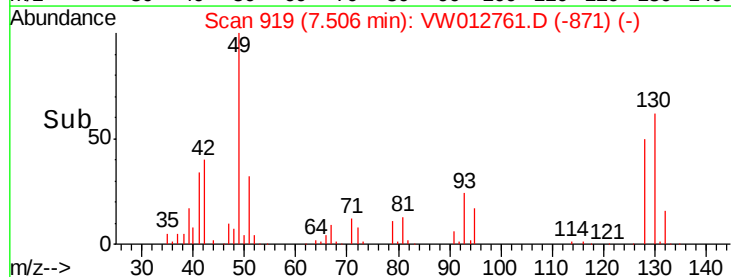
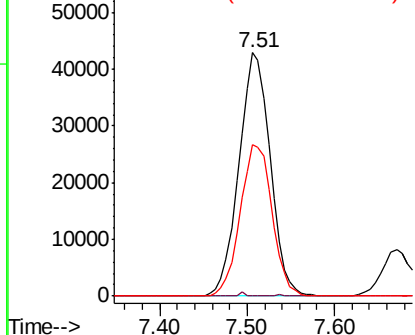
#28

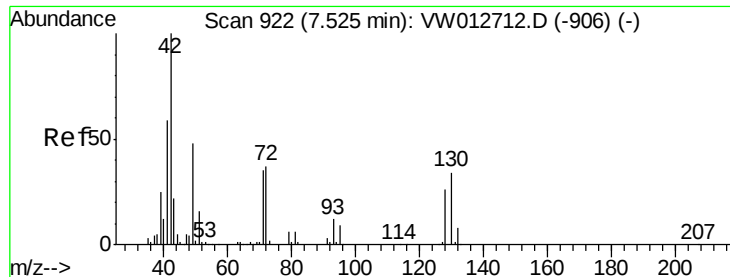
Bromochloromethane
 Concen: 55.535 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 49 Resp: 106703
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 0.8
 130 63.4 49.8 74.8



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

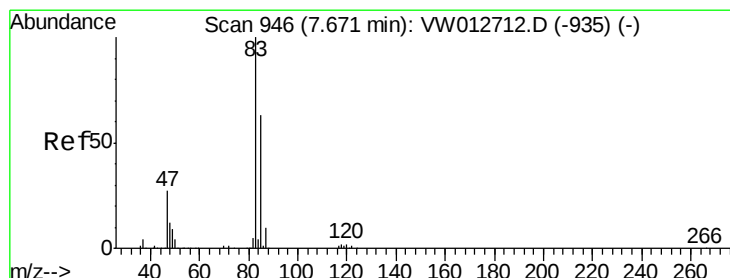
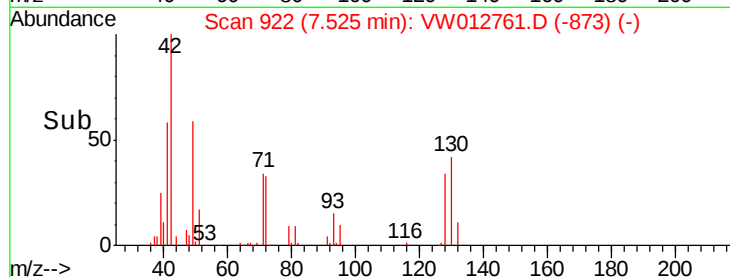
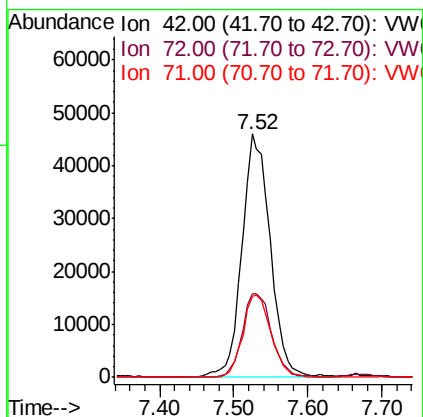
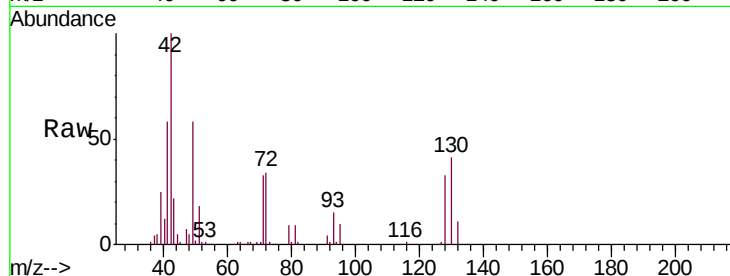




#29
Tetrahydrofuran
Concen: 216.489 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

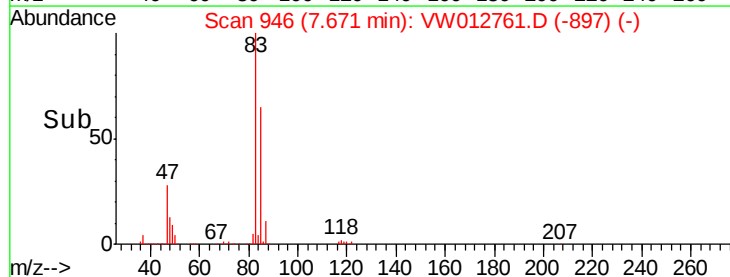
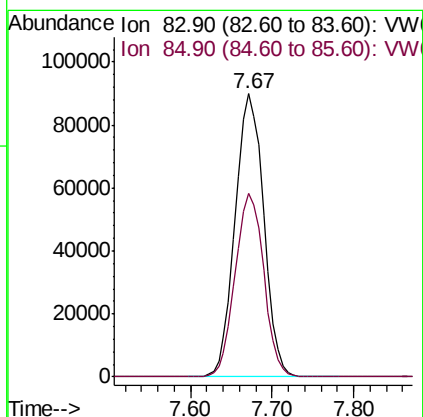
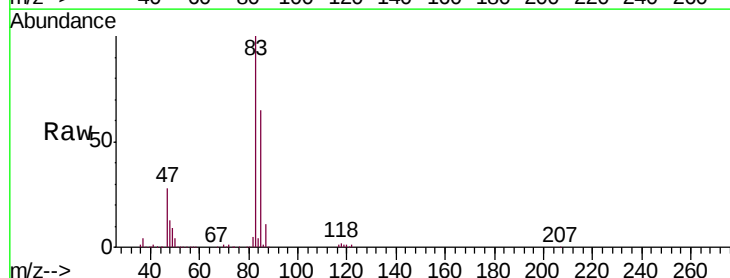
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

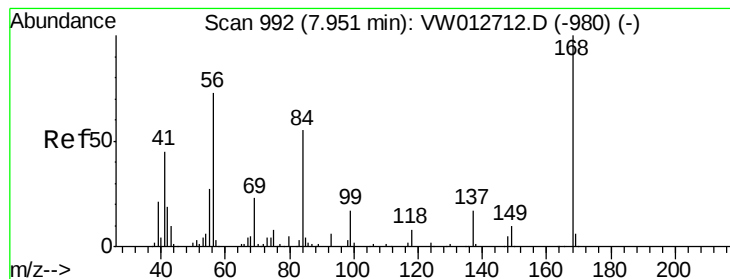
Tgt Ion: 42 Resp: 122142
Ion Ratio Lower Upper
42 100
72 35.8 28.4 42.6
71 33.8 27.1 40.7



#30
Chloroform
Concen: 52.641 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 83 Resp: 218305
Ion Ratio Lower Upper
83 100
85 64.7 50.6 76.0





#31

Cyclohexane

Concen: 44.708 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

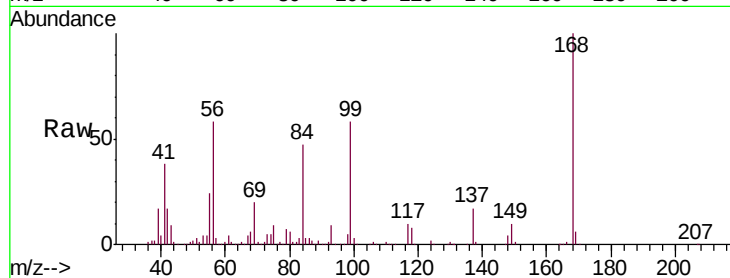
Tgt Ion: 56 Resp: 168420

Ion Ratio Lower Upper

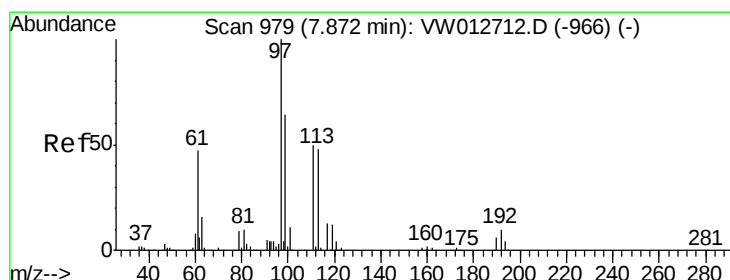
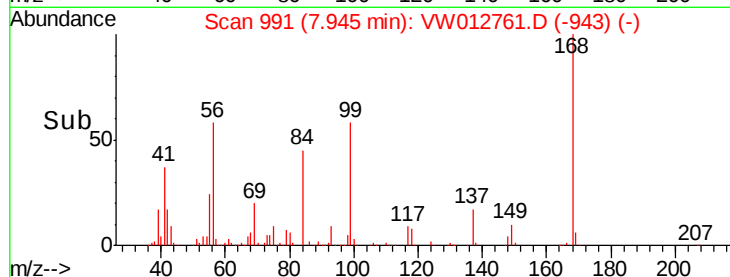
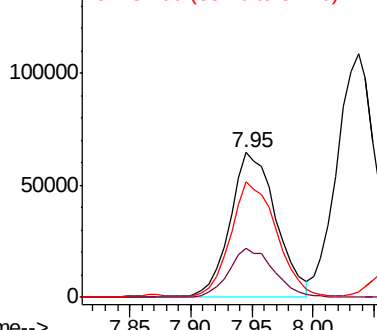
56 100

69 34.1 25.7 38.5

84 78.2 60.4 90.6



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: 52.737 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

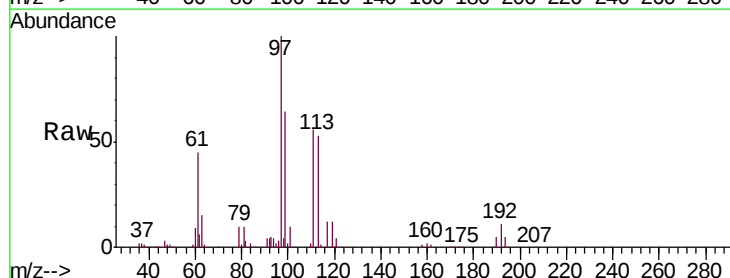
Tgt Ion: 97 Resp: 177277

Ion Ratio Lower Upper

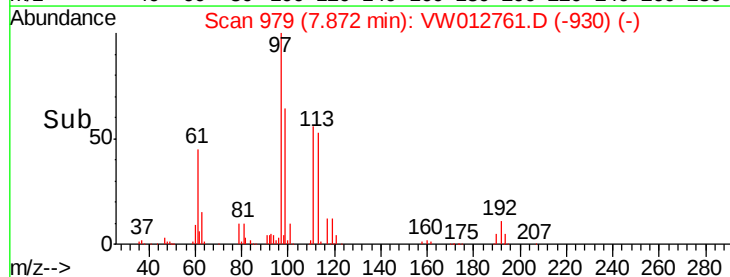
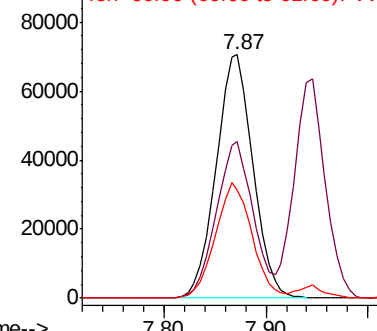
97 100

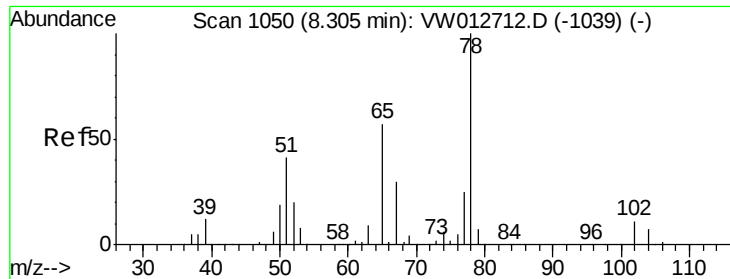
99 64.8 51.5 77.3

61 47.3 37.9 56.9



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

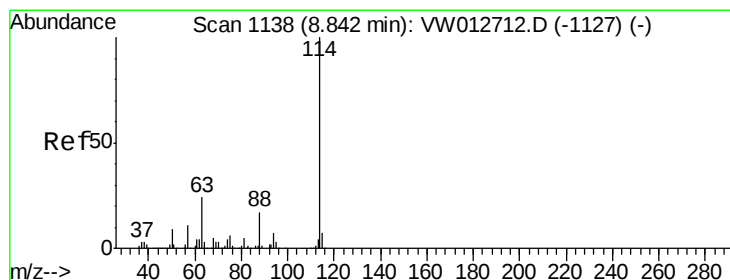
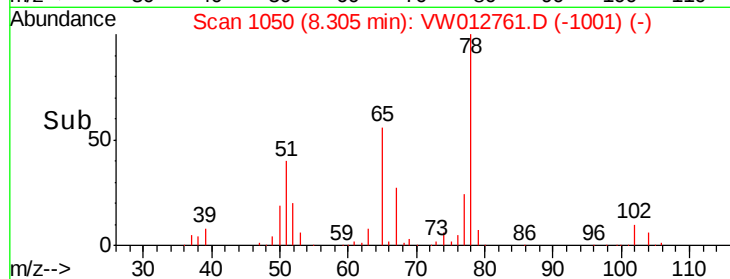
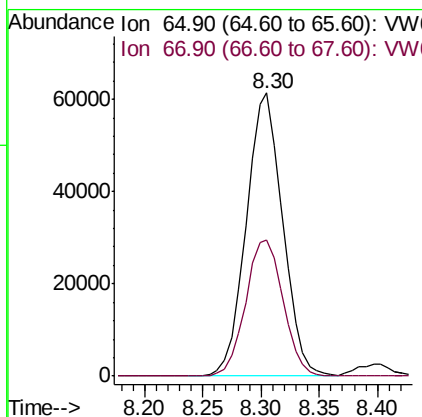
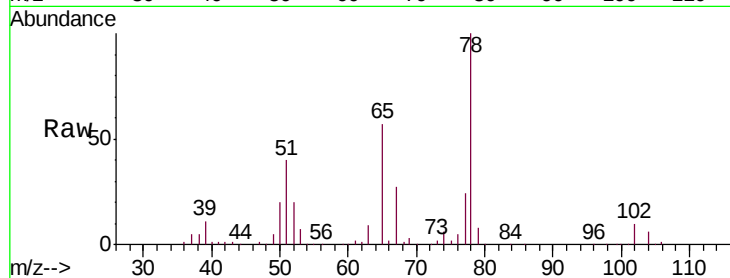




#33
 1,2-Dichloroethane-d4
 Concen: 52.109 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

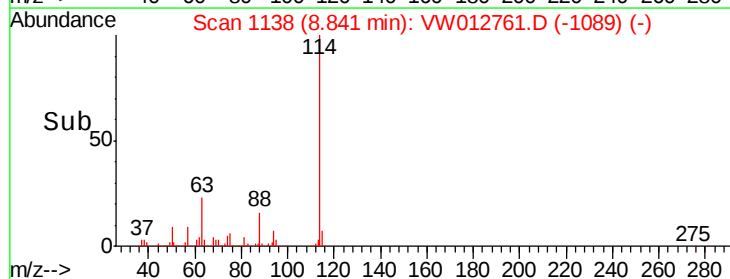
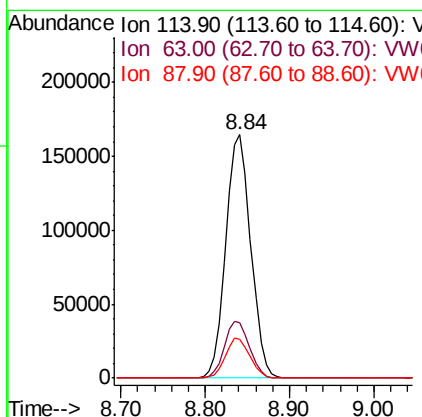
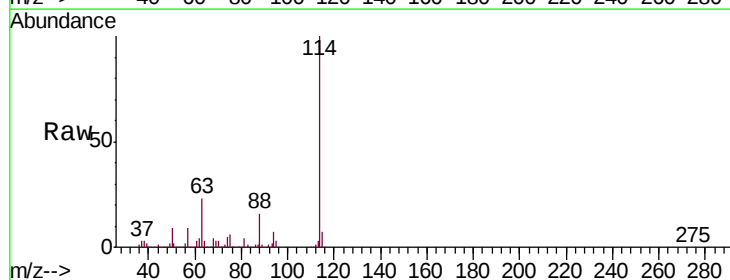
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 133543
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 114 Resp: 332991
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.2
 88 15.9 0.0 34.0

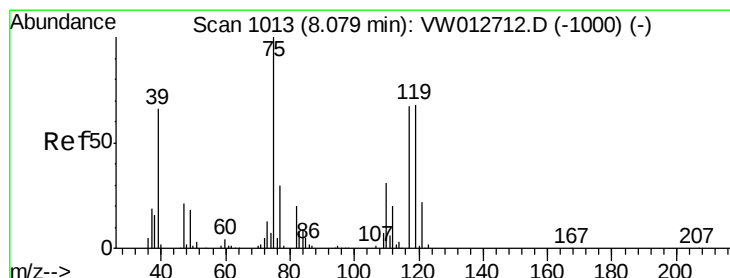
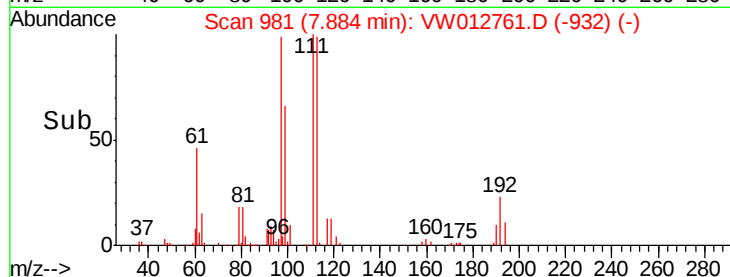
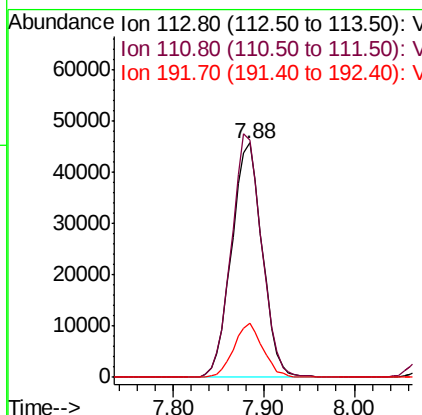
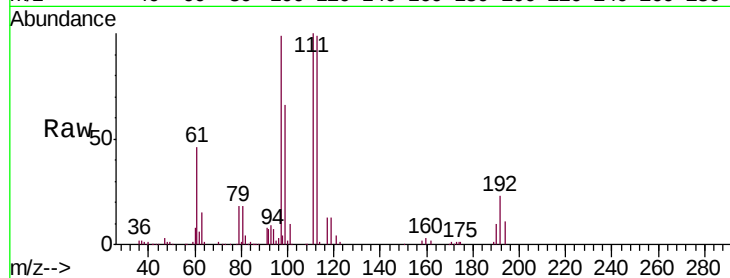




#35
 Dibromofluoromethane
 Concen: 54.092 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

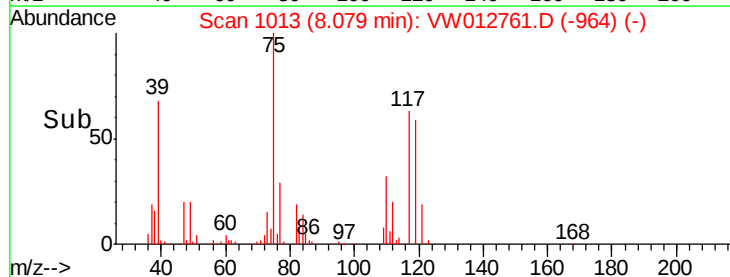
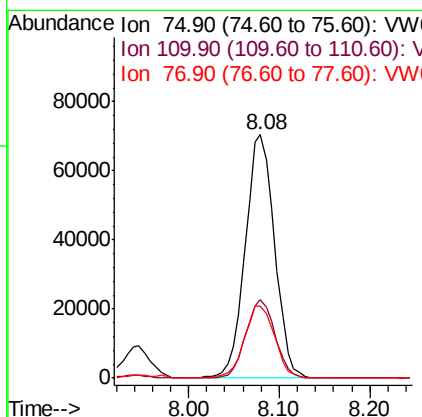
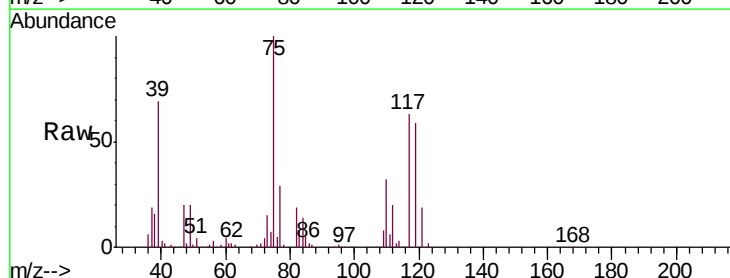
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

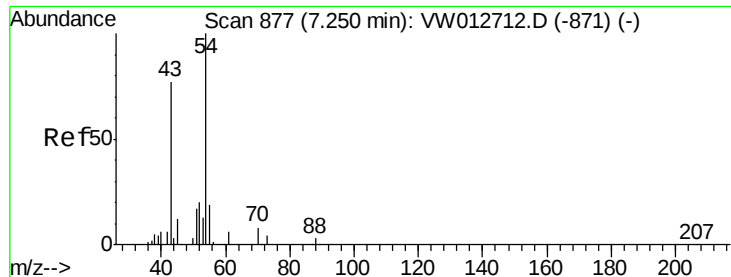
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.2	120.4
192	21.9	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 53.478 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	15.9	47.7
77	30.5	25.0	37.4

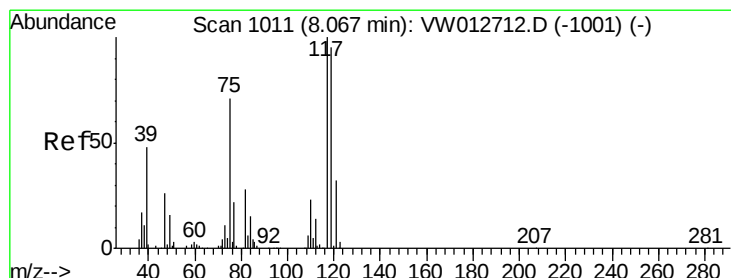
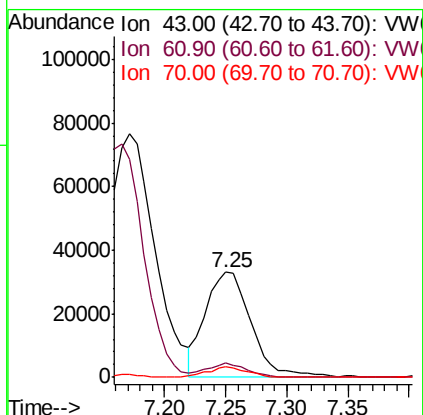
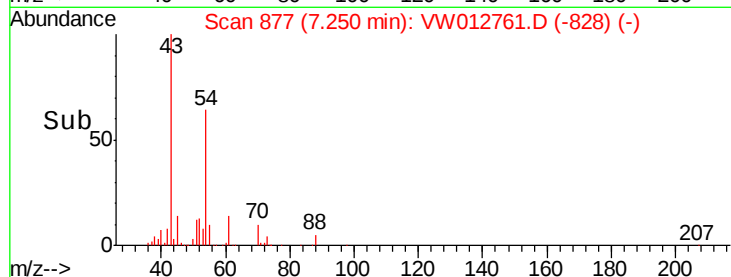
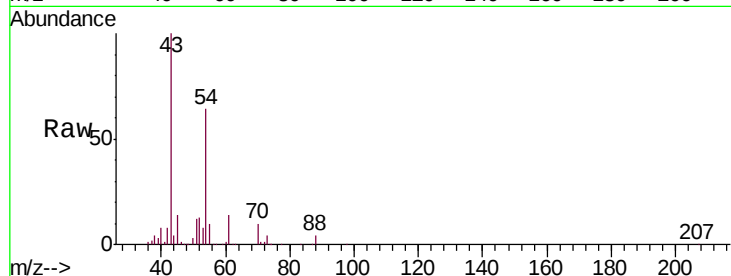




#37
 Ethyl Acetate
 Concen: 44.896 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

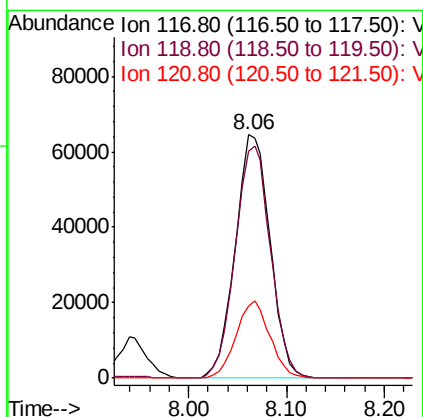
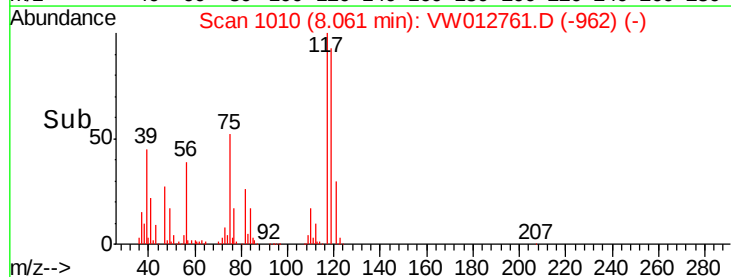
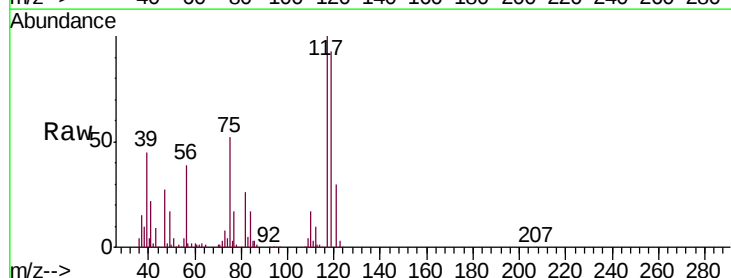
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

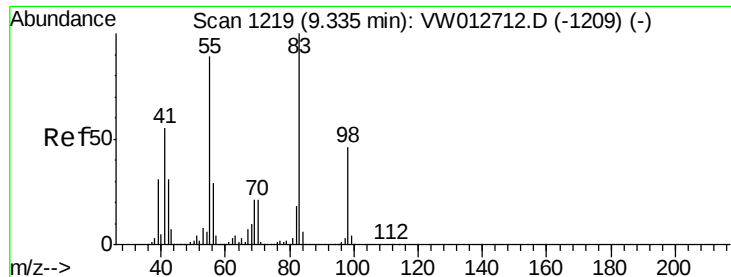
Tgt Ion: 43 Resp: 84678
 Ion Ratio Lower Upper
 43 100
 61 12.3 9.5 14.3
 70 9.1 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 54.792 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 117 Resp: 159805
 Ion Ratio Lower Upper
 117 100
 119 93.1 76.2 114.2
 121 29.8 25.4 38.2

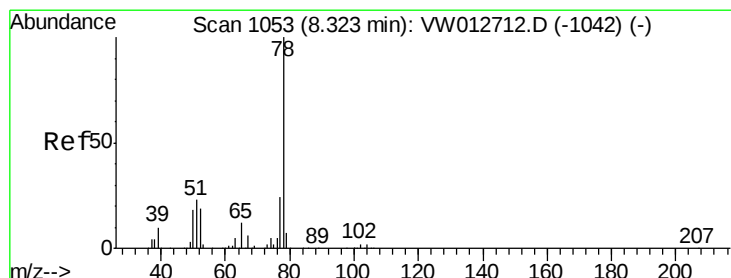
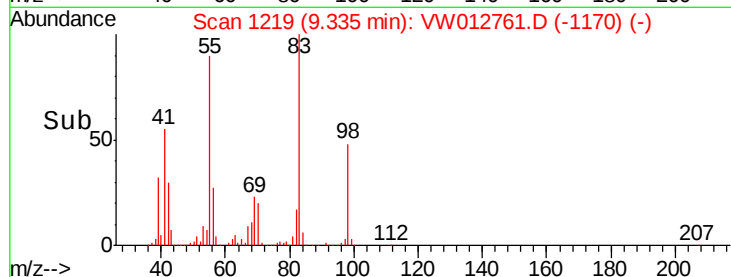
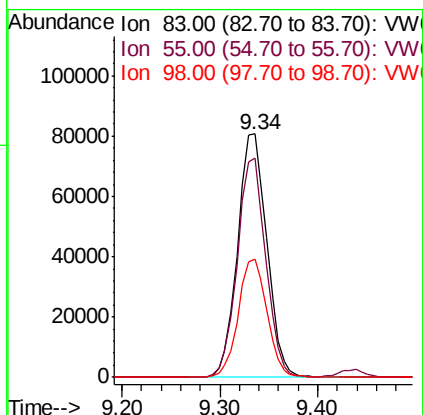
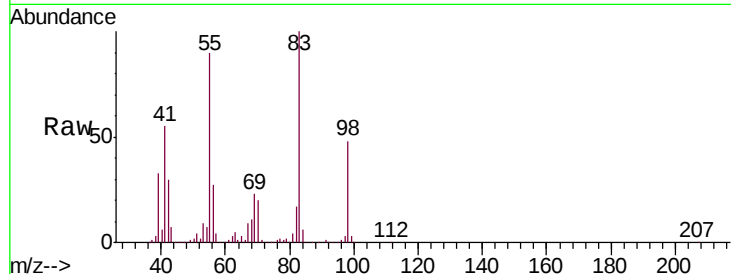




#39
Methylcyclohexane
Concen: 50.574 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

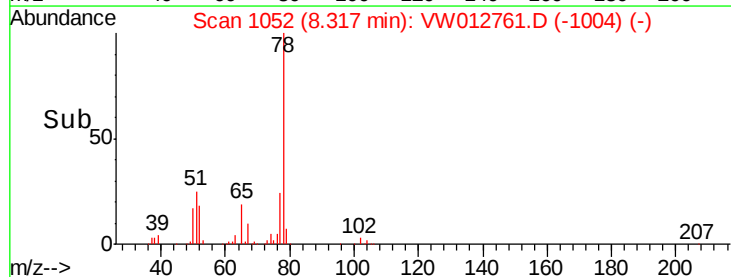
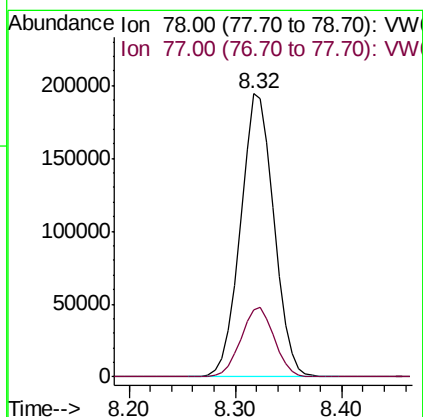
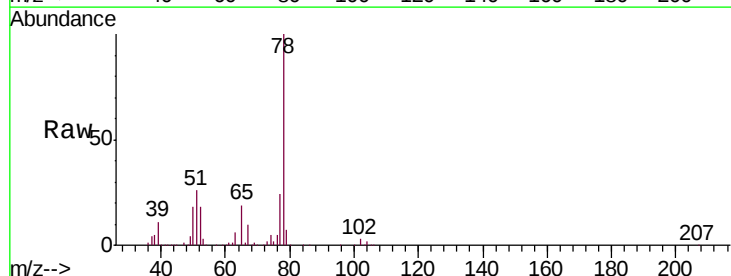
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

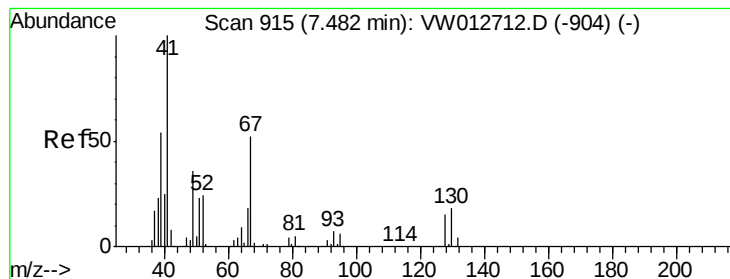
Tgt Ion: 83 Resp: 168058
Ion Ratio Lower Upper
83 100
55 90.1 71.0 106.4
98 48.3 36.9 55.3



#40
Benzene
Concen: 52.210 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 78 Resp: 428589
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41

Methacrylonitrile

Concen: 46.892 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 59790

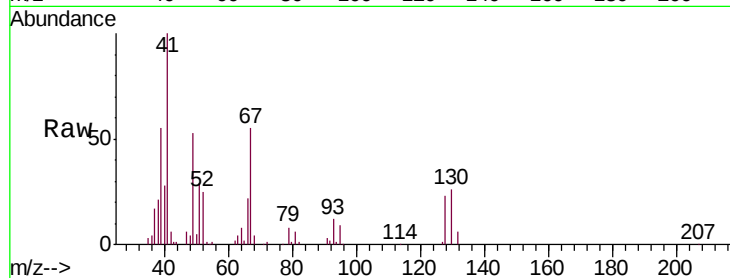
Ion Ratio Lower Upper

41 100

39 49.6 47.5 71.3

67 53.4 45.1 67.7

52 26.1 20.2 30.2

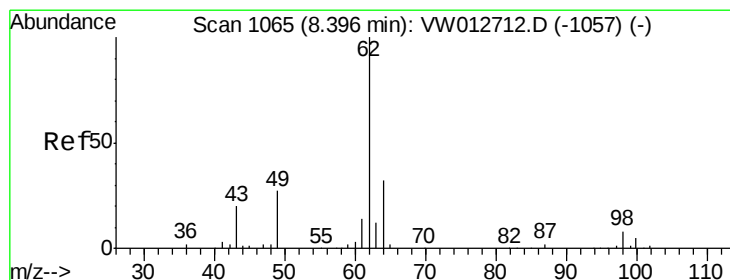
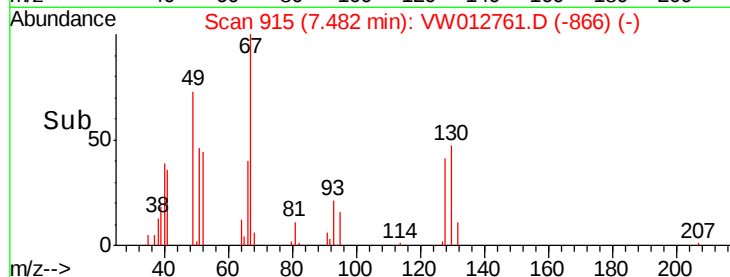
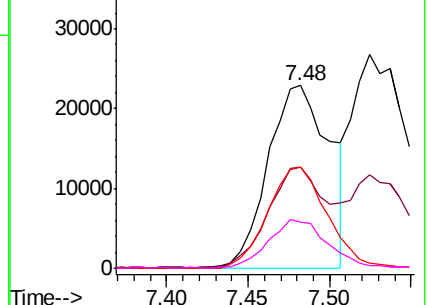


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 52.544 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012761.D

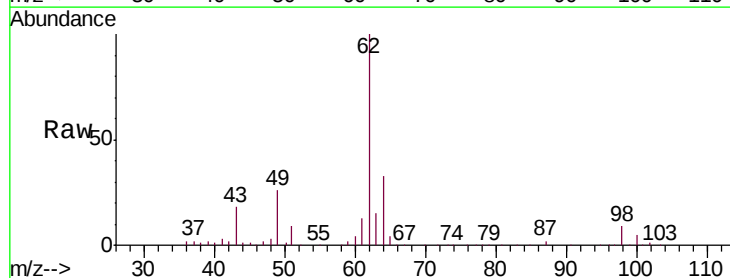
Acq: 08 Sep 2019 11:33

Tgt Ion: 62 Resp: 151803

Ion Ratio Lower Upper

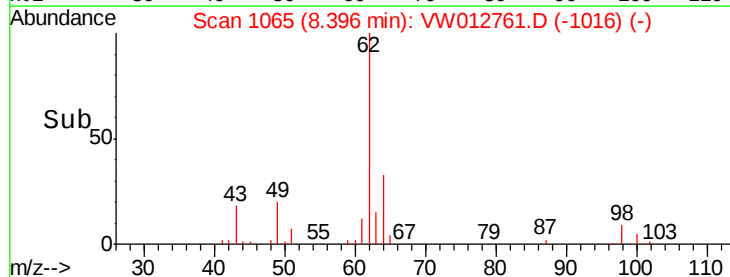
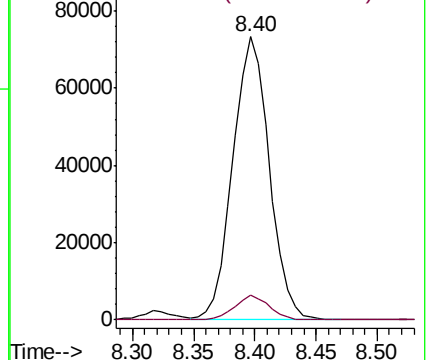
62 100

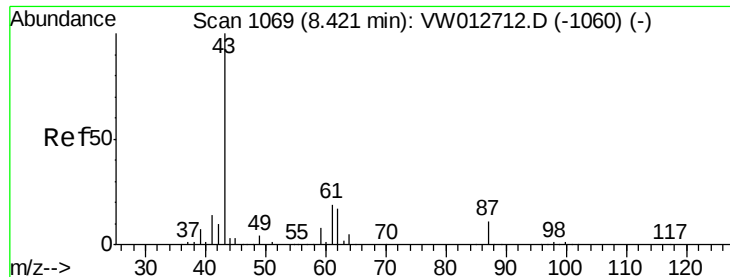
98 8.1 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 45.317 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

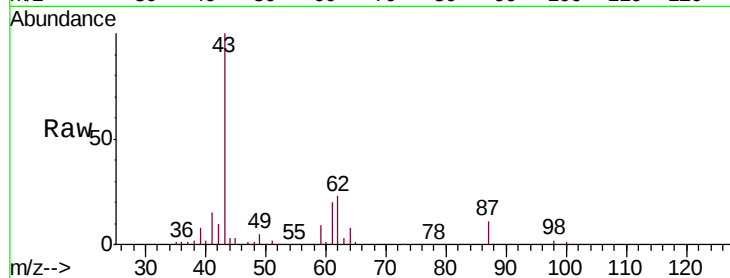
Tgt Ion: 43 Resp: 161934

Ion Ratio Lower Upper

43 100

61 27.3 20.6 30.8

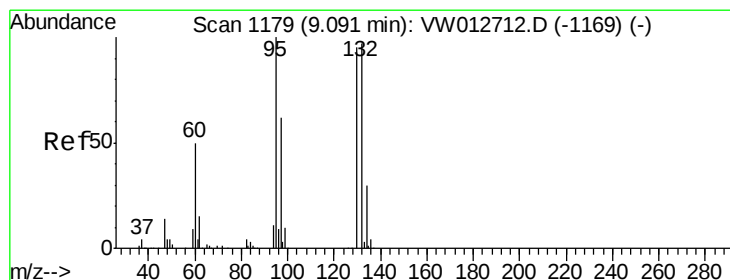
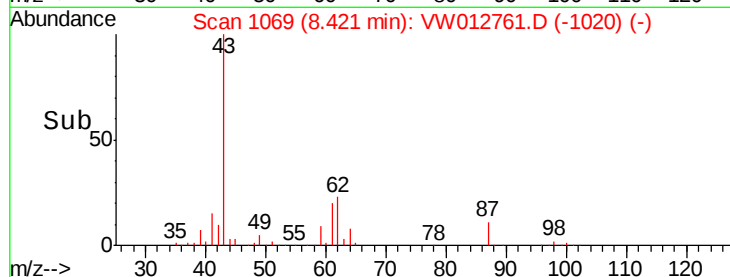
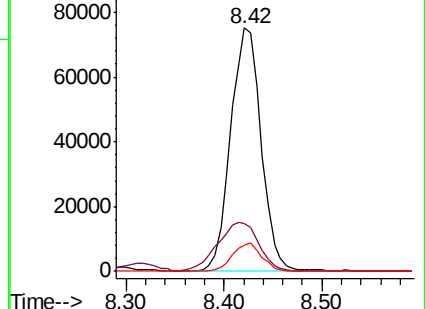
87 11.1 8.6 13.0



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: 50.742 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012761.D

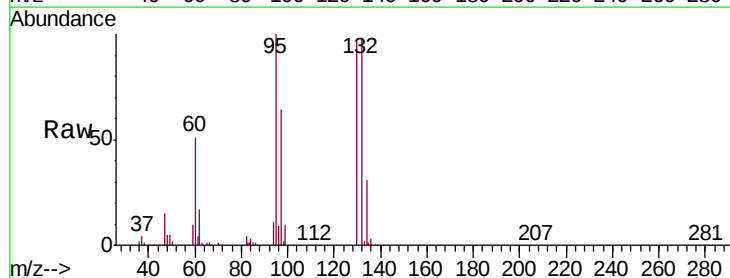
Acq: 08 Sep 2019 11:33

Tgt Ion: 130 Resp: 107372

Ion Ratio Lower Upper

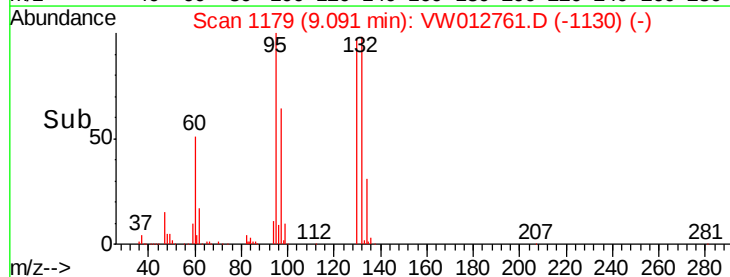
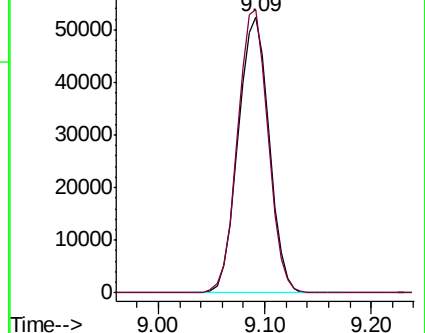
130 100

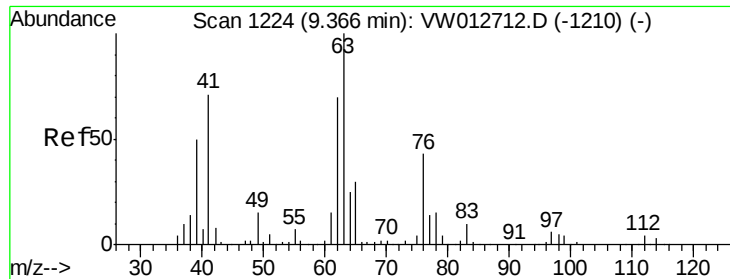
95 102.6 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

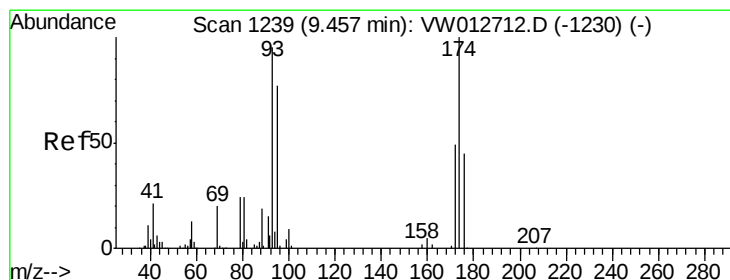
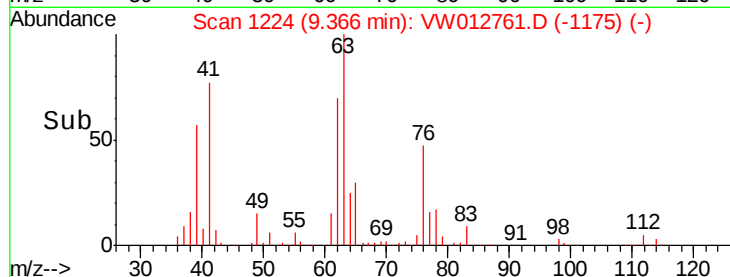
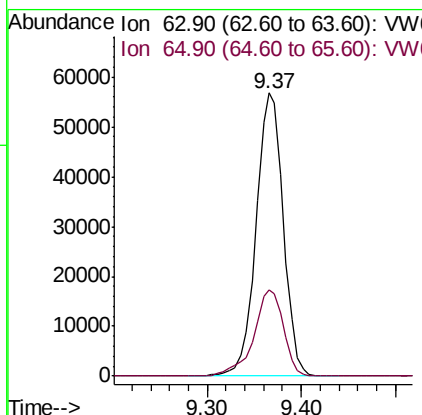
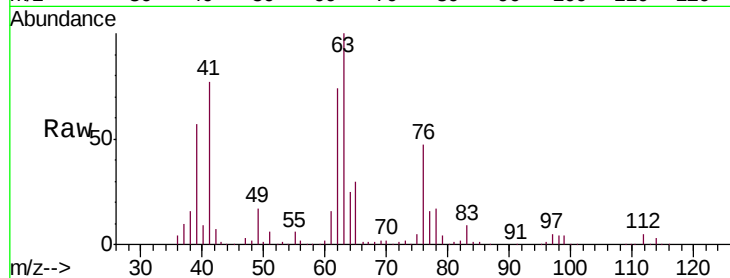




#45
 1,2-Dichloropropane
 Concen: 50.465 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

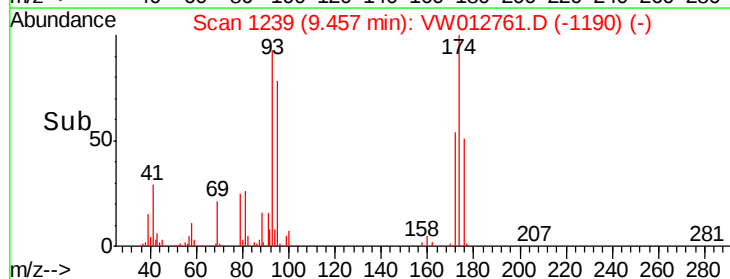
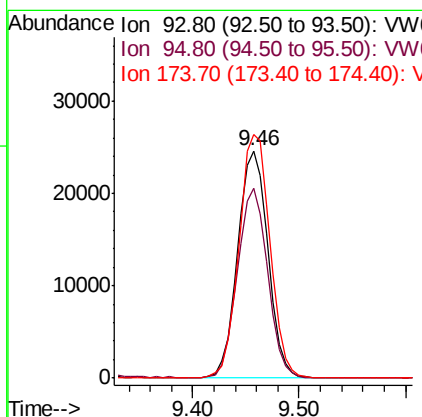
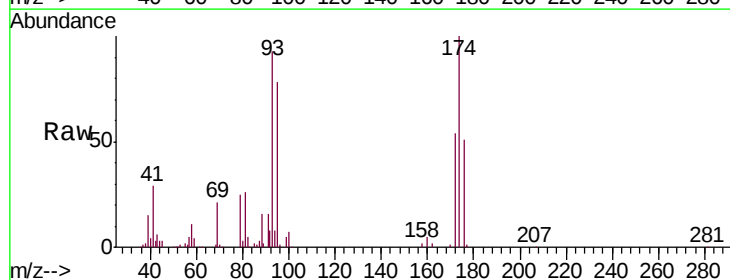
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

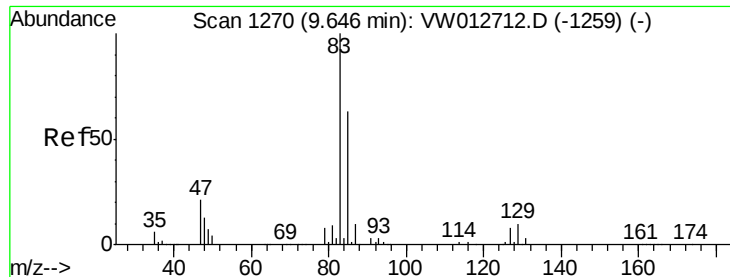
Tgt Ion: 63 Resp: 114899
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8



#46
 Dibromomethane
 Concen: 45.763 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 93 Resp: 49339
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.2 97.8
 174 109.6 84.2 126.4





#47

Bromodichloromethane

Concen: 52.910 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

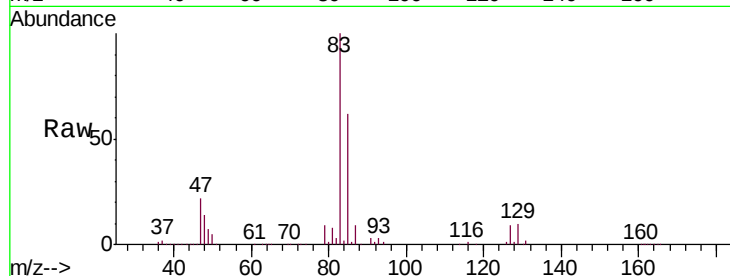
Tgt Ion: 83 Resp: 156944

Ion Ratio Lower Upper

83 100

85 62.3 50.2 75.2

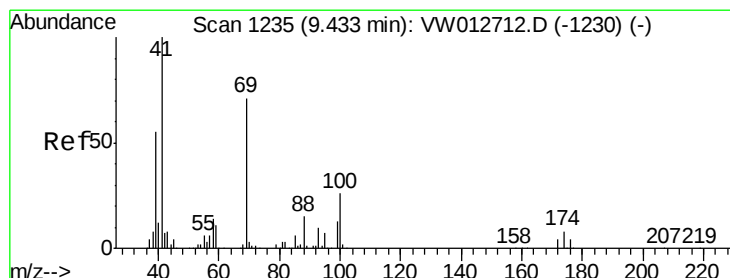
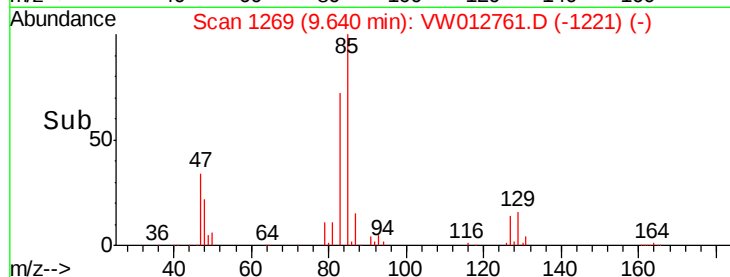
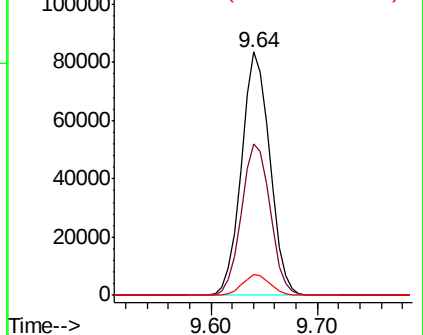
127 8.7 6.6 9.8



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): V



#48

Methyl methacrylate

Concen: 42.011 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

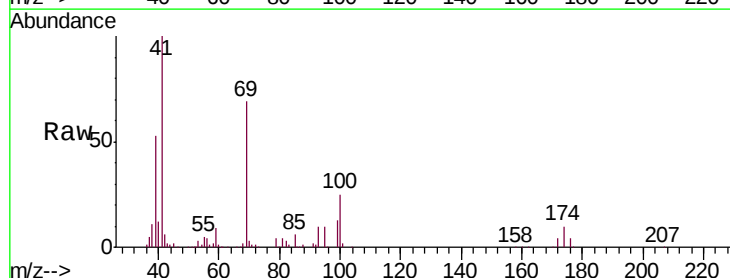
Tgt Ion: 41 Resp: 71740

Ion Ratio Lower Upper

41 100

69 73.9 59.8 89.8

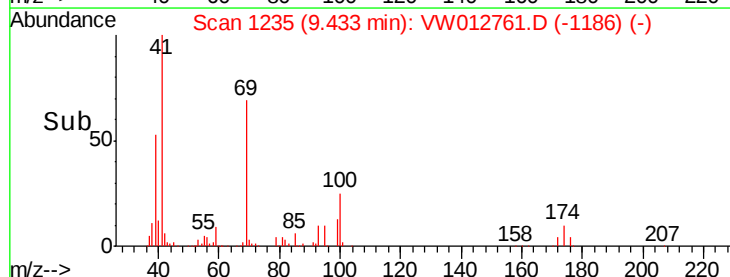
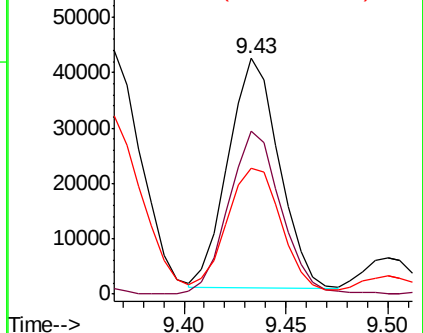
39 59.5 47.0 70.6

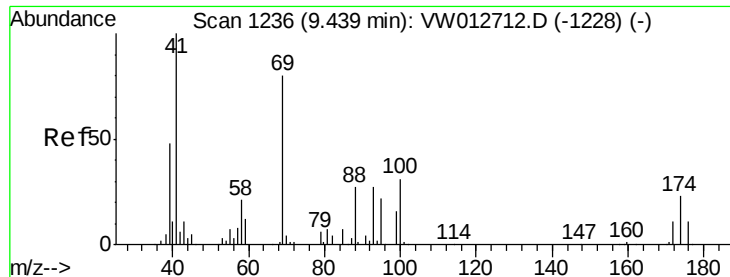


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 713.075 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

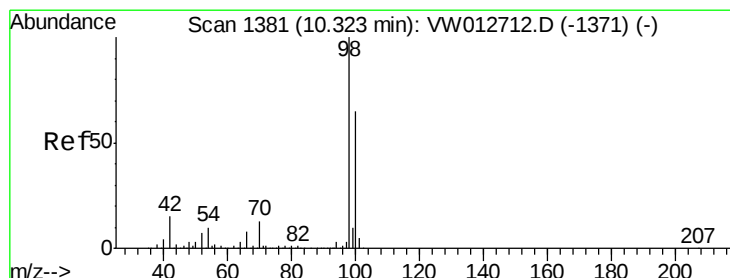
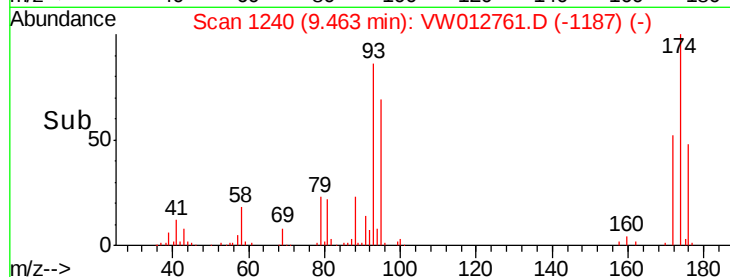
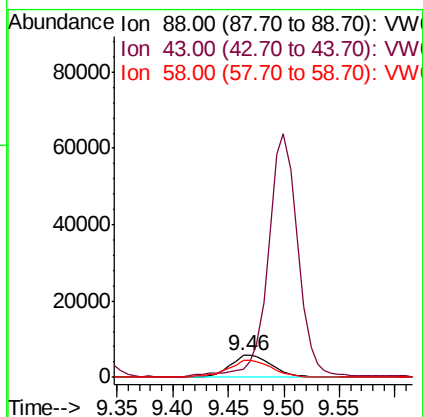
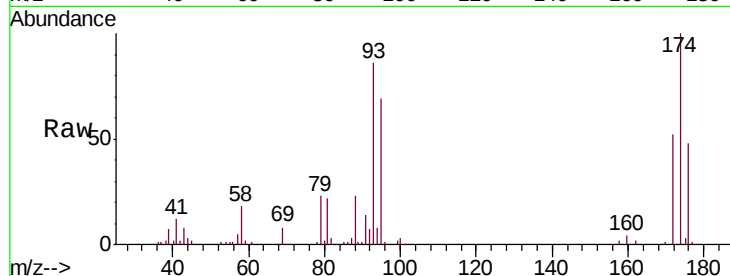
Tgt Ion: 88 Resp: 15186

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

58 81.7 64.1 96.1



#50

Toluene-d8

Concen: 50.553 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012761.D

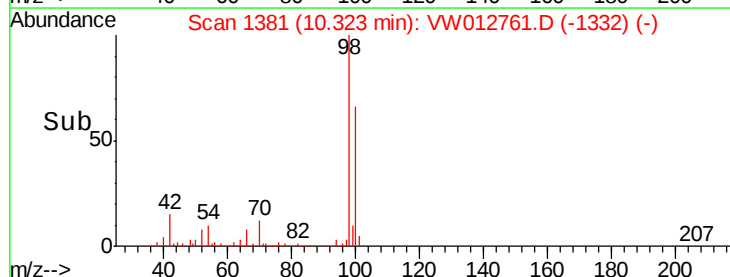
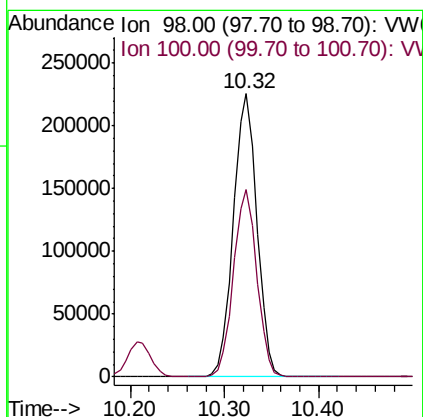
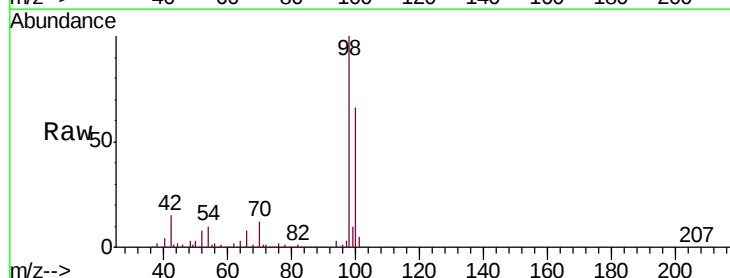
Acq: 08 Sep 2019 11:33

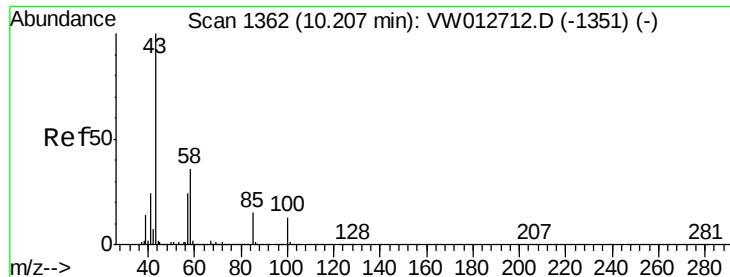
Tgt Ion: 98 Resp: 392093

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

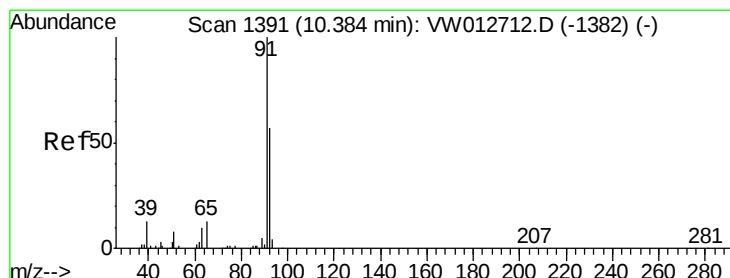
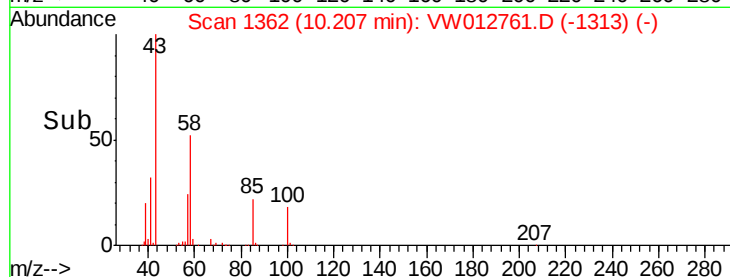
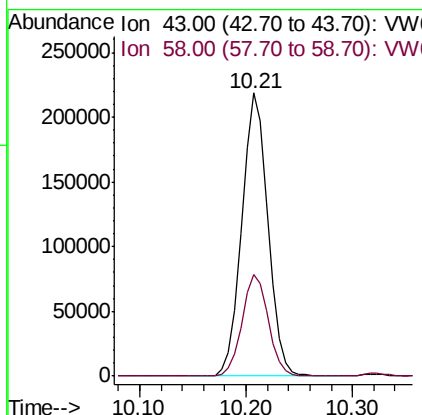
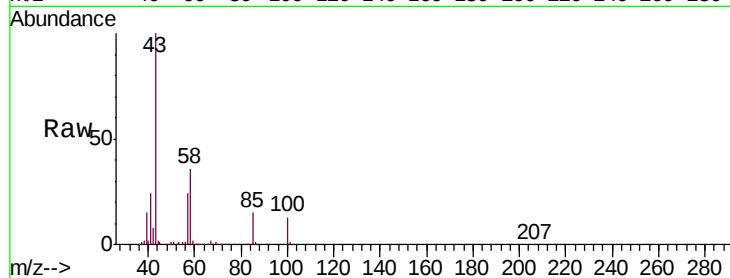




#51
4-Methyl-2-Pentanone
Concen: 200.595 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

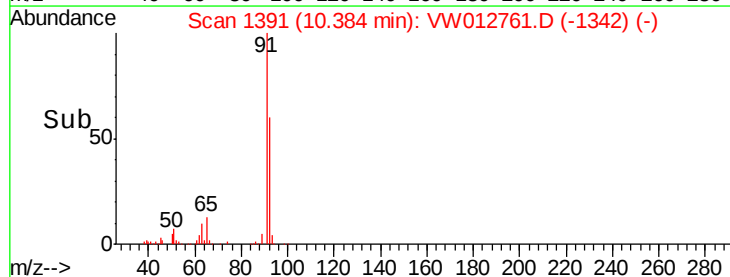
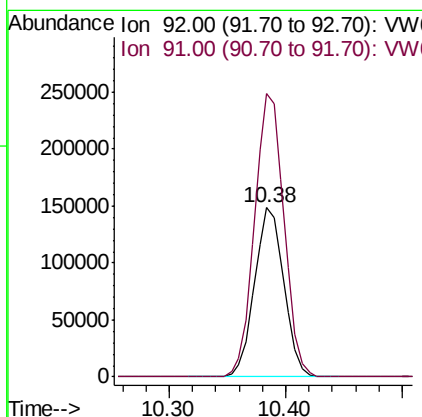
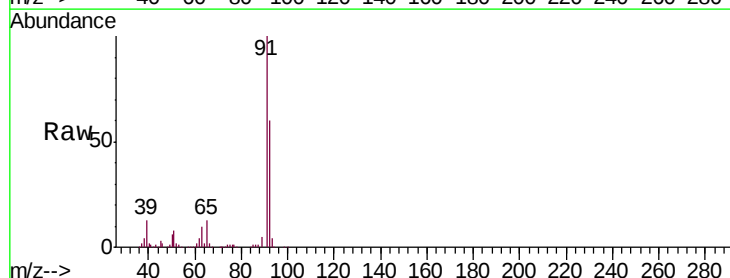
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

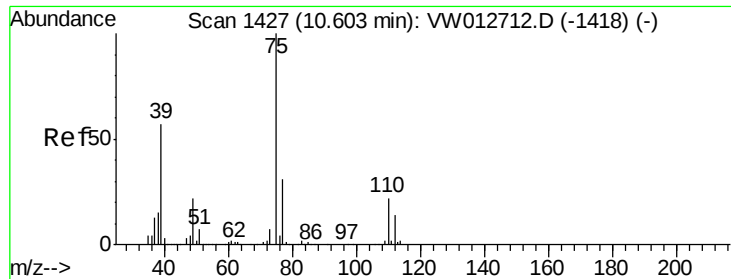
Tgt Ion: 43 Resp: 376121
Ion Ratio Lower Upper
43 100
58 36.1 28.4 42.6



#52
Toluene
Concen: 50.862 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 92 Resp: 260597
Ion Ratio Lower Upper
92 100
91 169.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 52.911 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampled :

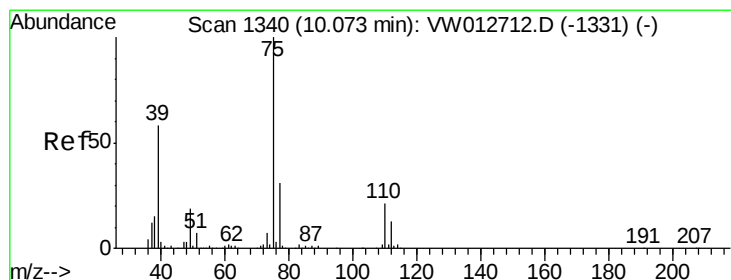
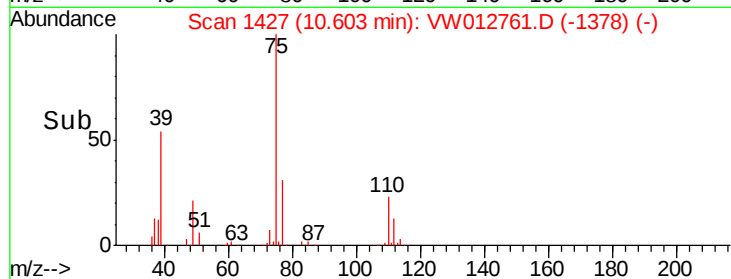
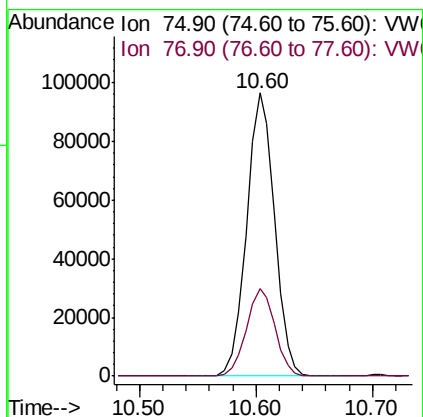
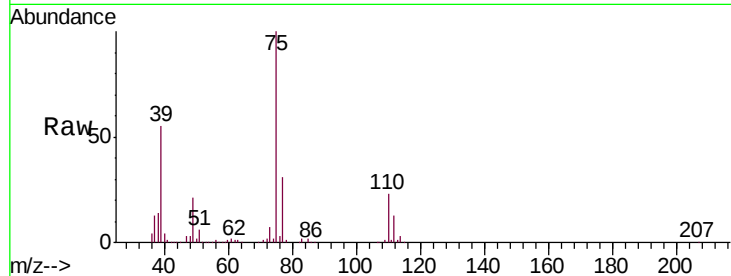
VSTDCCC050

Tgt Ion: 75 Resp: 161383

Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 53.510 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

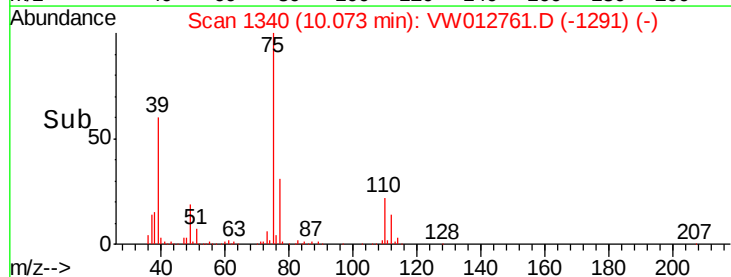
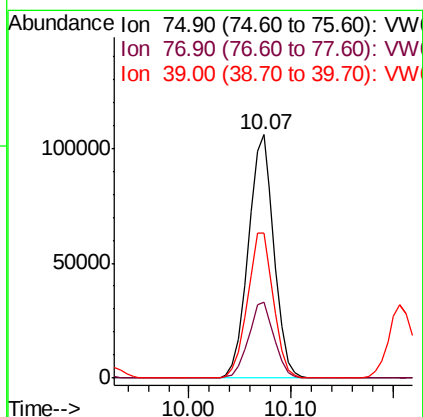
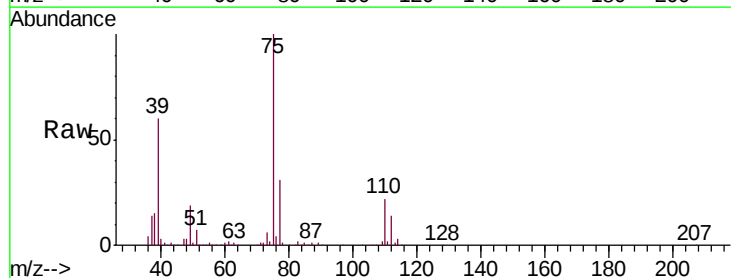
Tgt Ion: 75 Resp: 185150

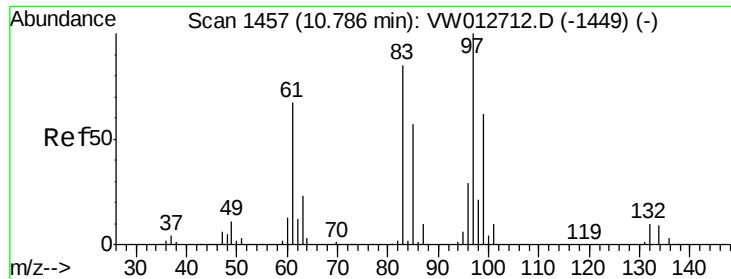
Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 59.5 46.3 69.5

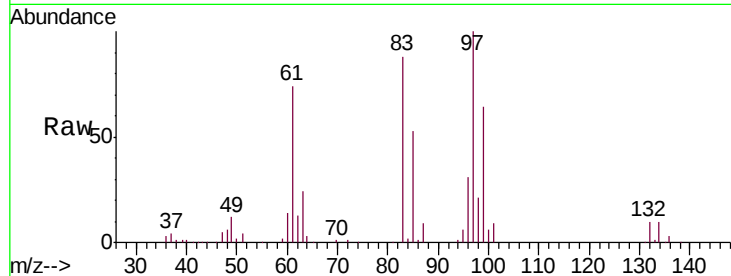




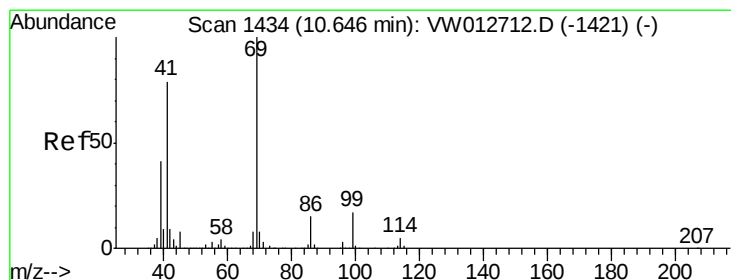
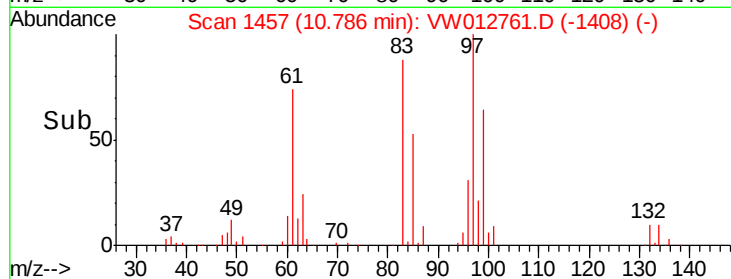
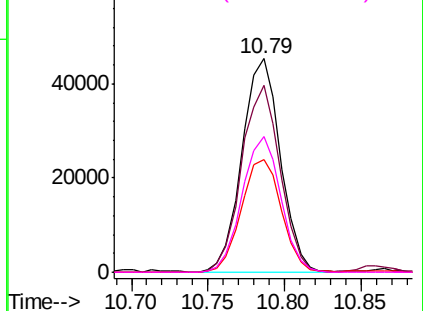
#55
 1,1,2-Trichloroethane
 Concen: 49.230 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	79462
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.1	102.1
85	53.0	45.3	67.9
99	63.5	50.0	75.0

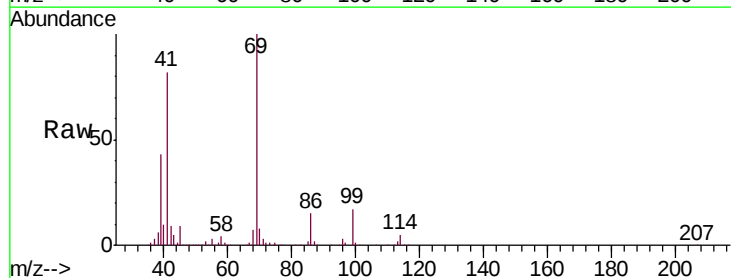


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

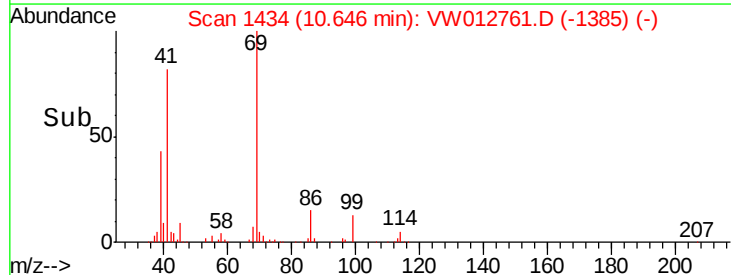
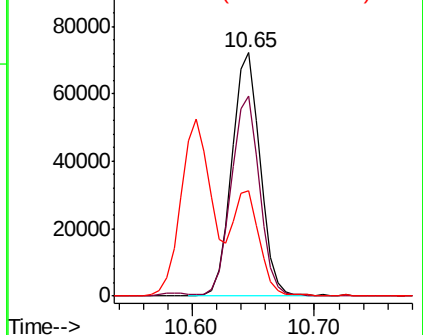


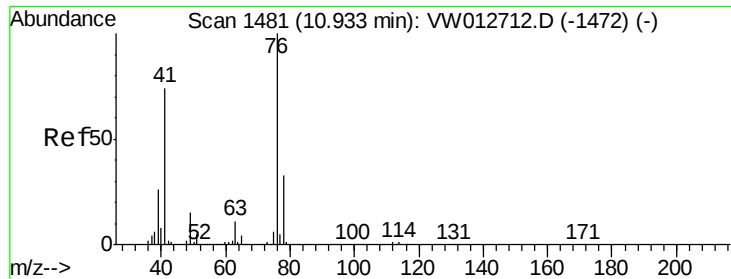
#56
 Ethyl methacrylate
 Concen: 48.690 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion:	69	Resp:	115041
Ion	Ratio	Lower	Upper
69	100		
41	81.9	64.4	96.6
39	38.8	31.1	46.7



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

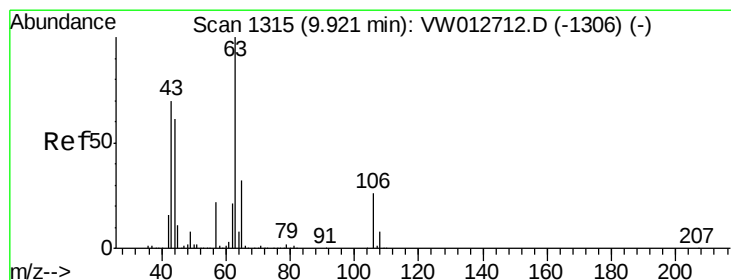
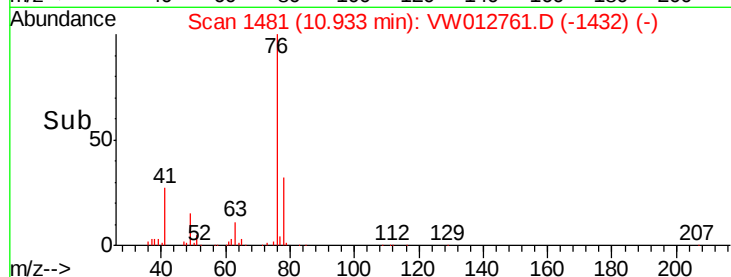
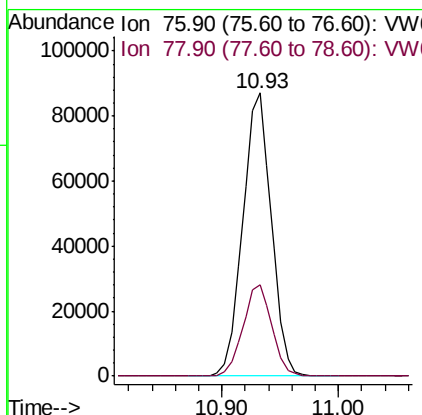
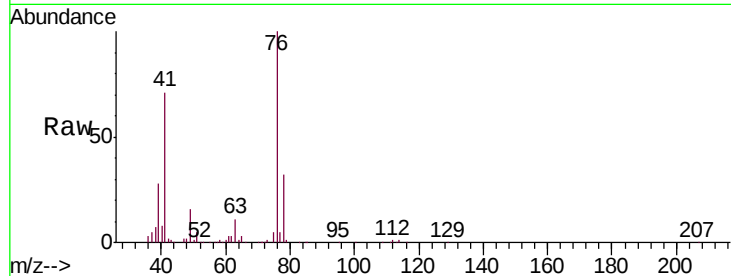




#57
 1,3-Dichloropropane
 Concen: 49.897 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

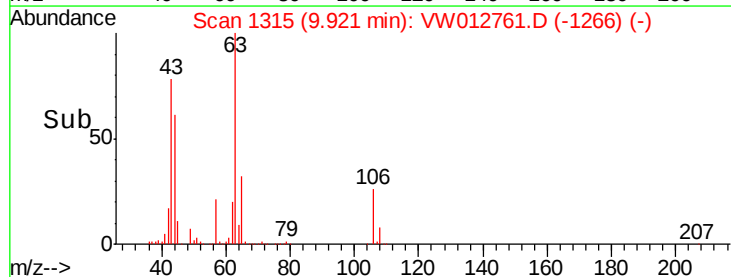
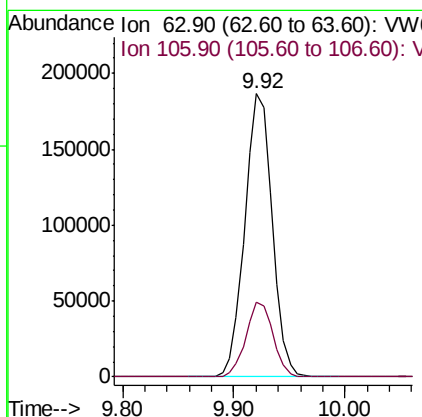
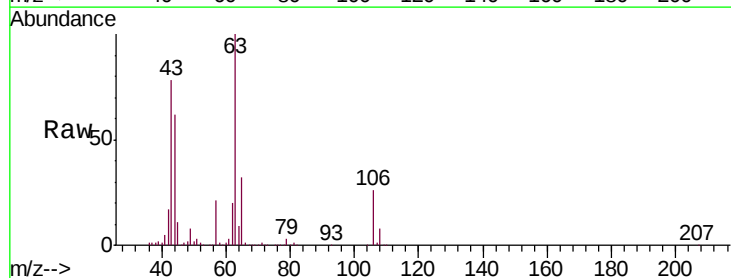
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

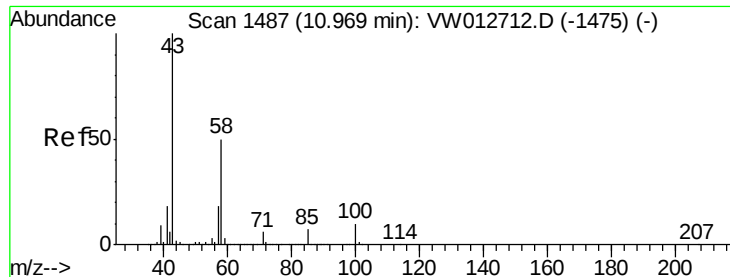
Tgt Ion: 76 Resp: 148998
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.784 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 63 Resp: 319584
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.5 30.7

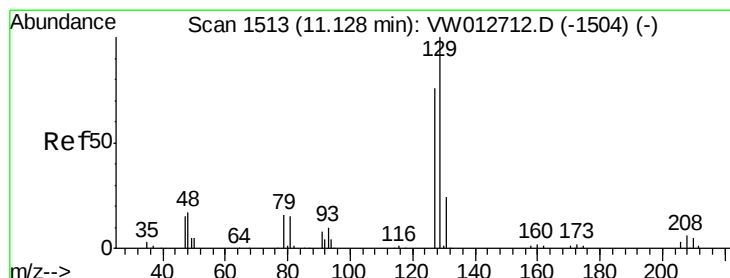
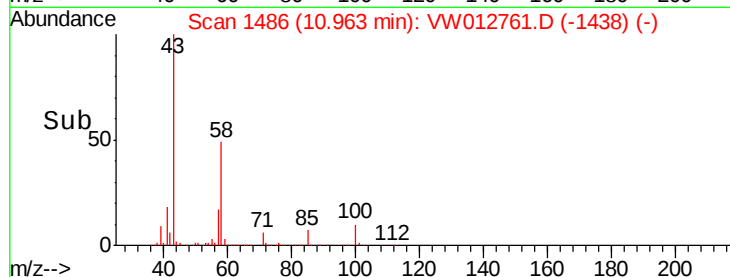
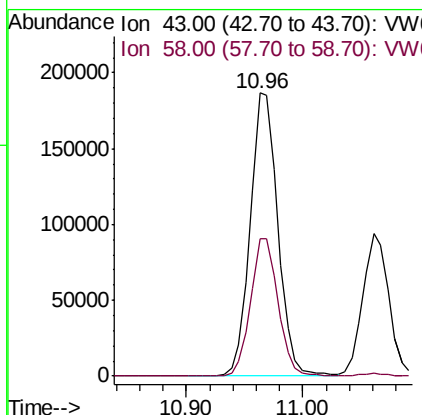
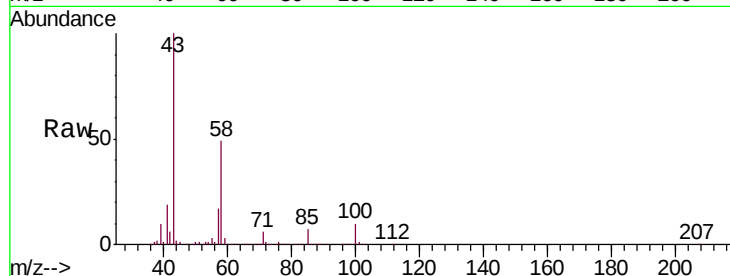




#59
2-Hexanone
Concen: 225.709 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

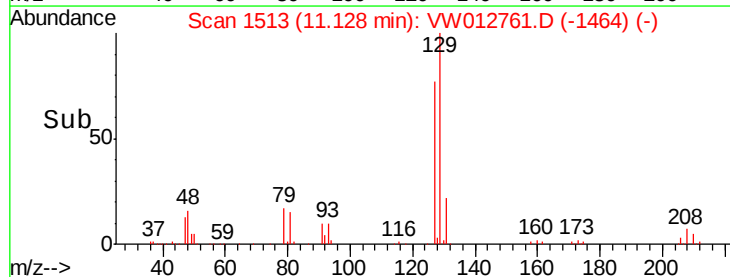
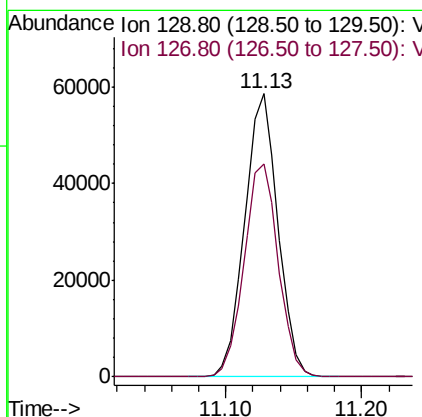
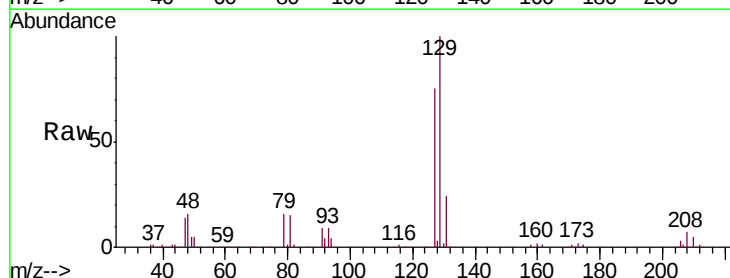
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

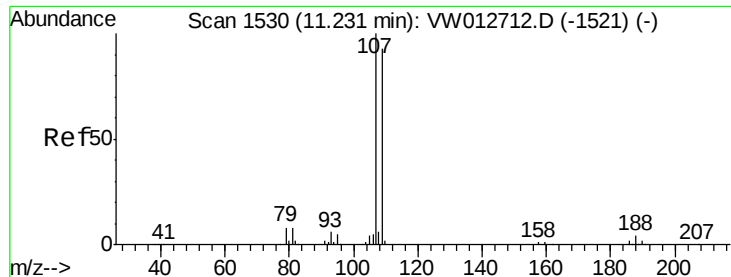
Tgt Ion: 43 Resp: 309191
Ion Ratio Lower Upper
43 100
58 48.8 24.7 74.1



#60
Dibromochloromethane
Concen: 52.751 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 129 Resp: 100139
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

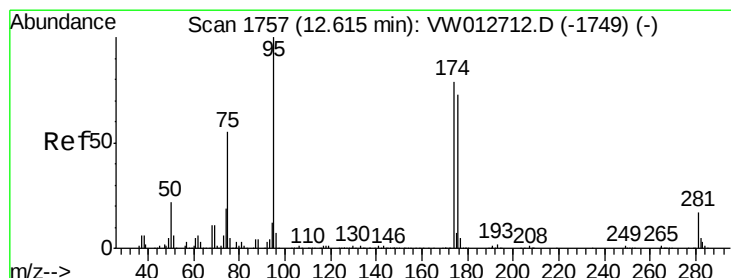
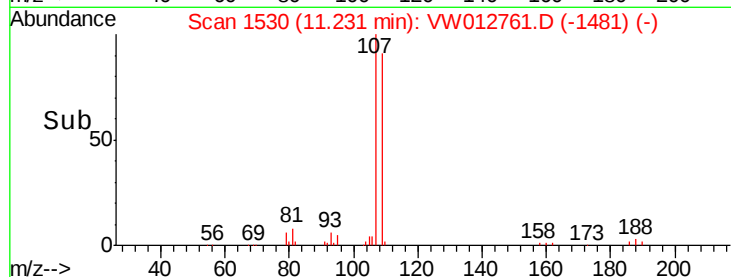
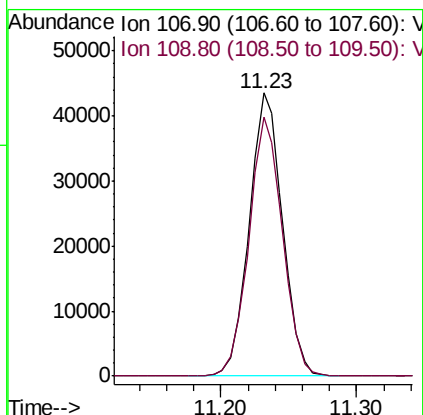
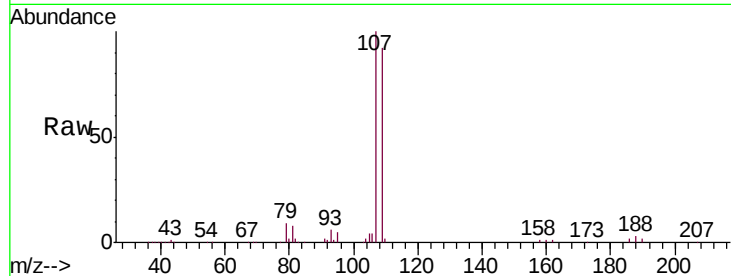




#61
 1,2-Dibromoethane
 Concen: 50.285 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

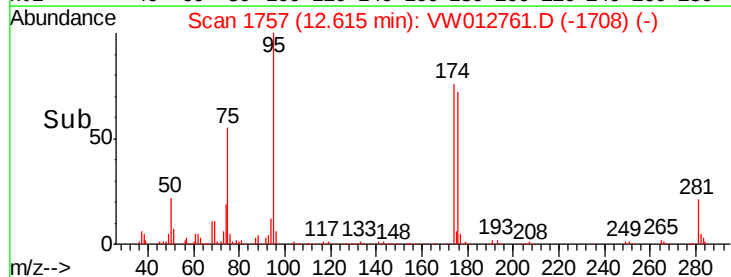
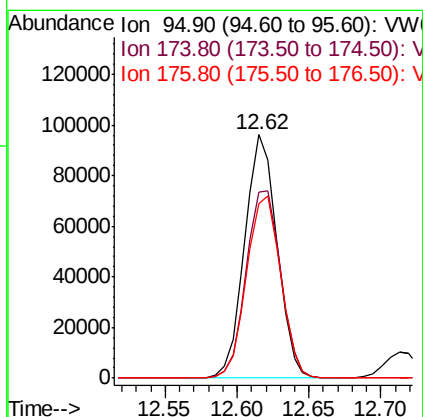
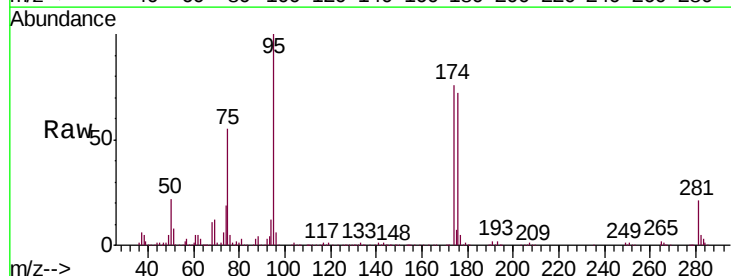
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

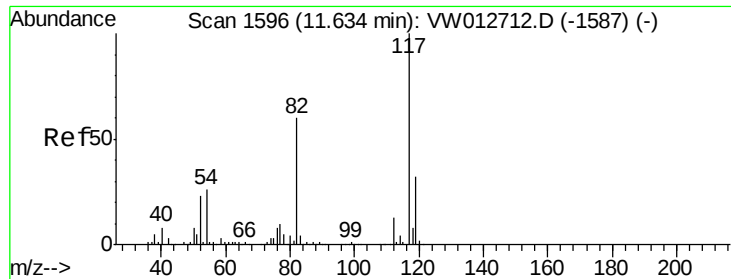
Tgt Ion: 107 Resp: 74412
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.997 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion: 95 Resp: 149223
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 161.0
 176 78.8 0.0 156.4

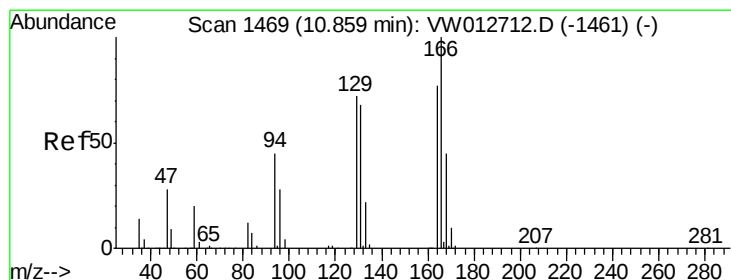
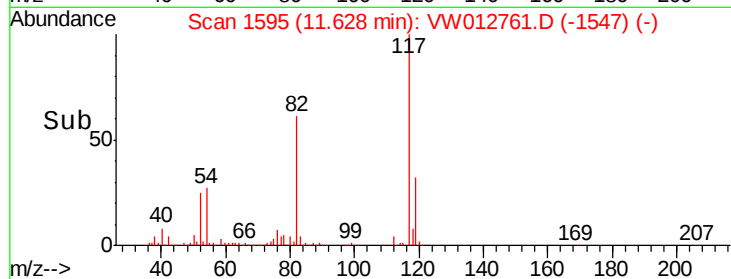
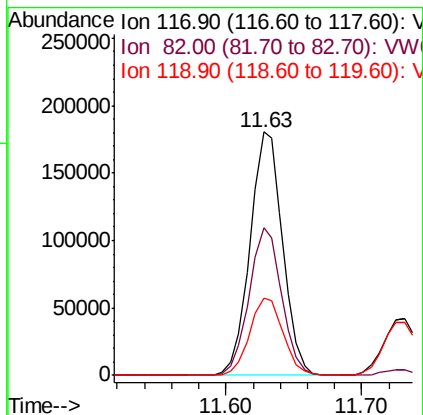
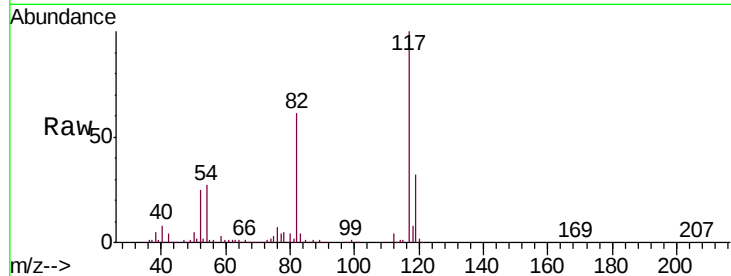




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

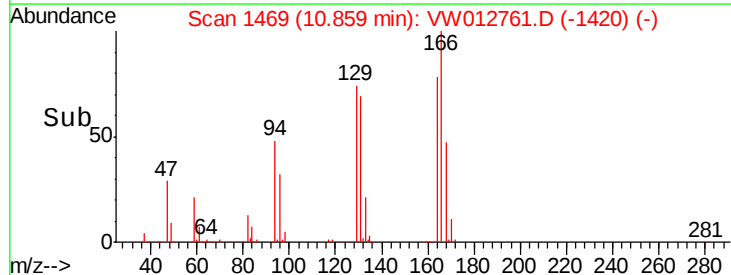
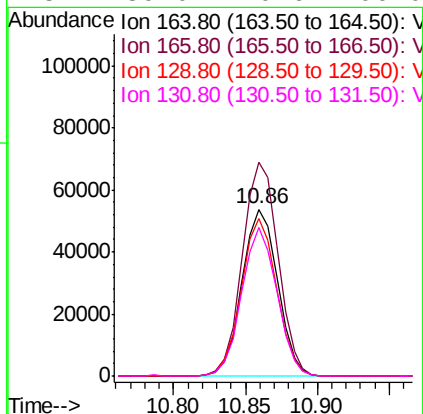
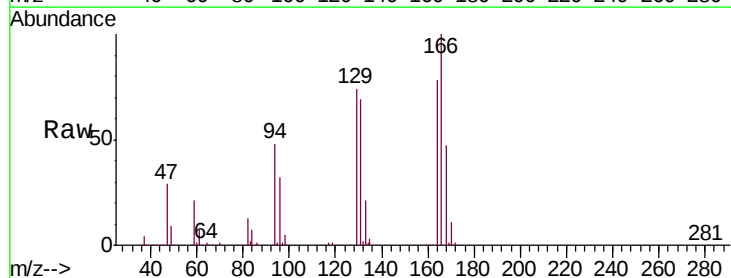
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

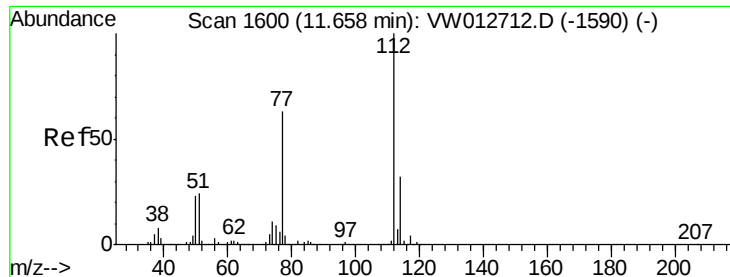
Tgt Ion:117 Resp: 302775
Ion Ratio Lower Upper
117 100
82 60.9 48.2 72.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 50.122 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion:164 Resp: 92083
Ion Ratio Lower Upper
164 100
166 128.2 103.6 155.4
129 94.8 74.6 112.0
131 89.0 70.6 106.0

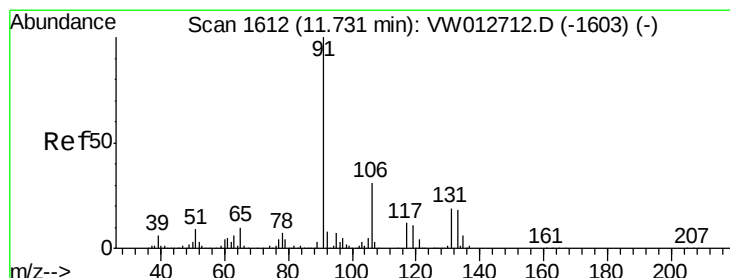
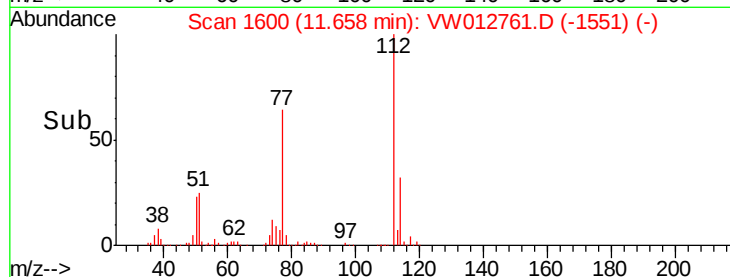
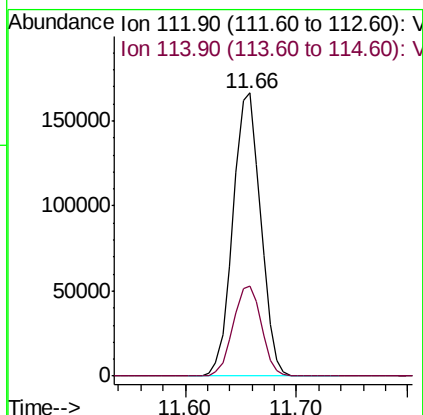
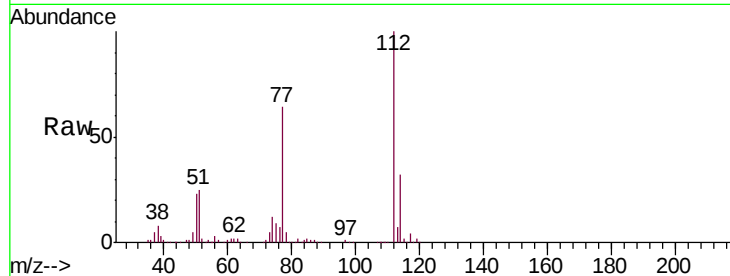




#65
Chlorobenzene
Concen: 50.286 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

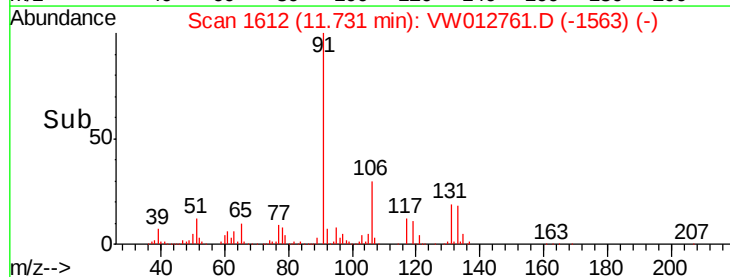
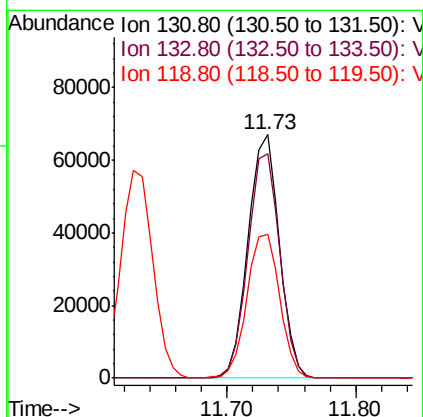
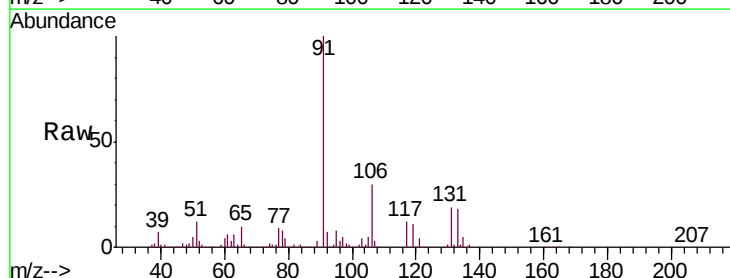
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

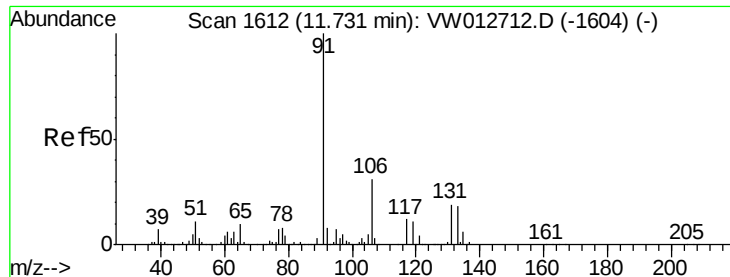
Tgt Ion:112 Resp: 287763
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.547 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion:131 Resp: 111982
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 62.0 30.6 92.0

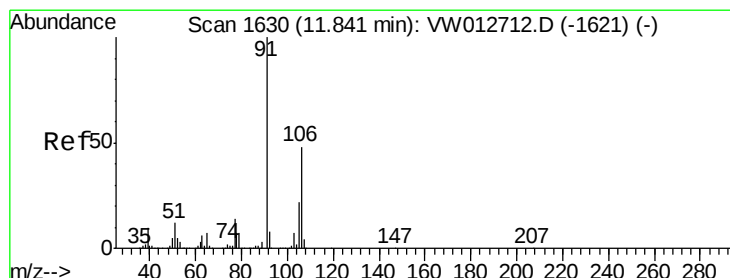
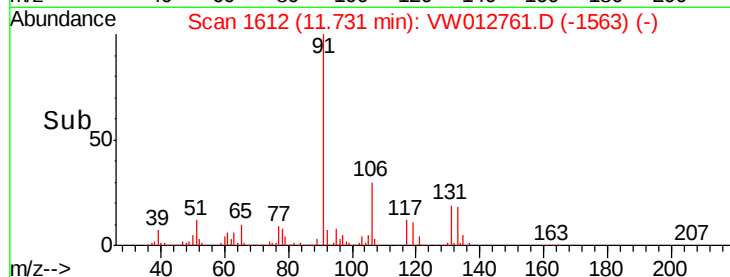
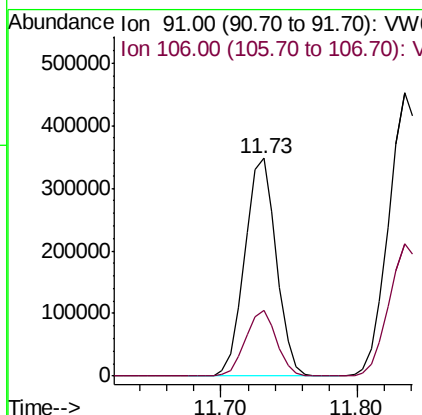
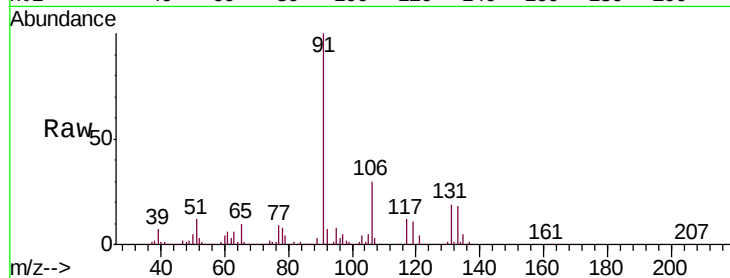




#67
Ethyl Benzene
Concen: 52.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

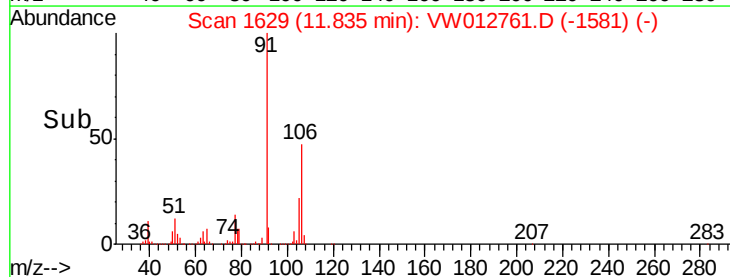
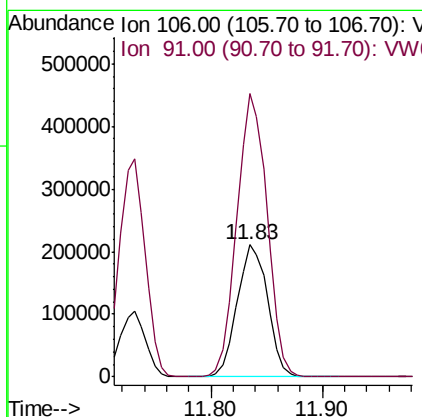
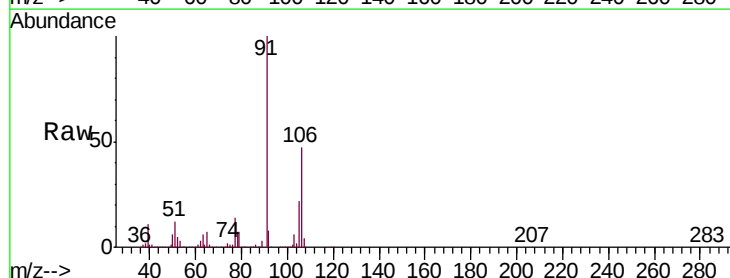
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

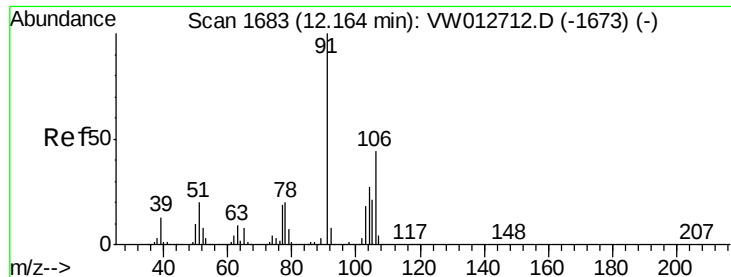
Tgt Ion: 91 Resp: 563840
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6



#68
m/p-Xylenes
Concen: 102.907 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion: 106 Resp: 398817
Ion Ratio Lower Upper
106 100
91 213.0 168.2 252.4

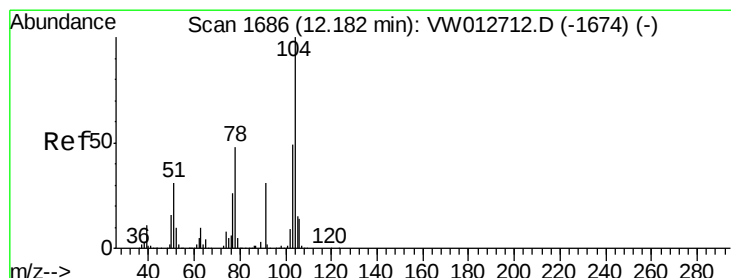
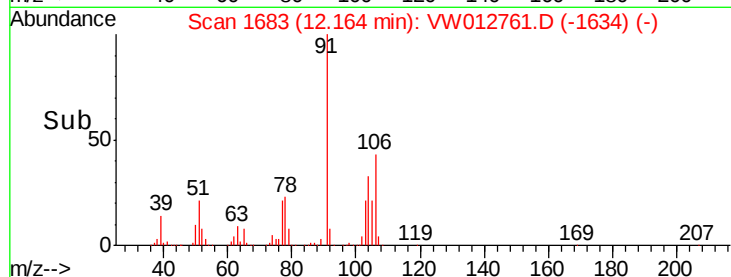
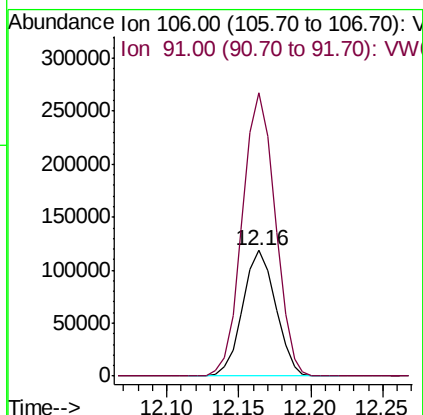
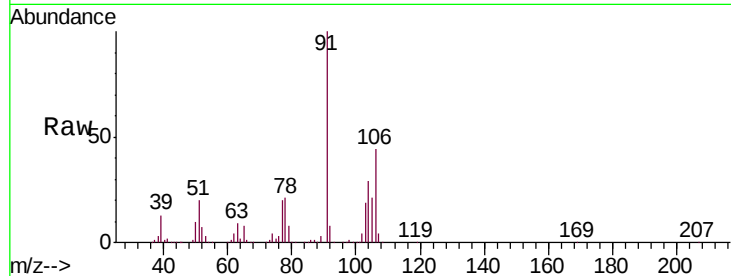




#69
o-Xylene
Concen: 51.517 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

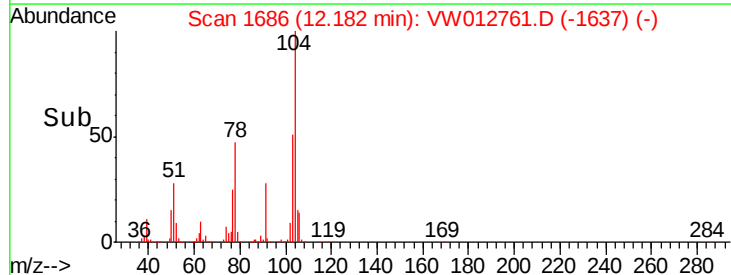
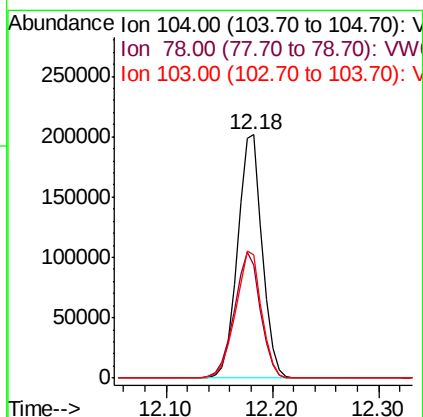
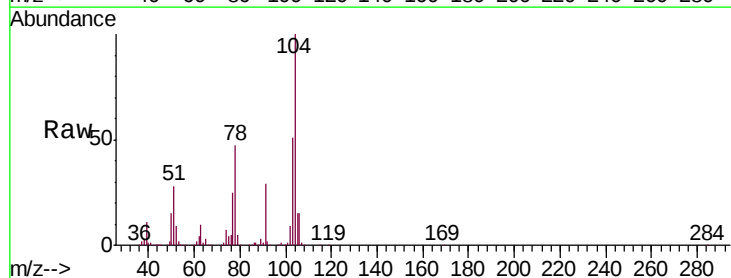
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

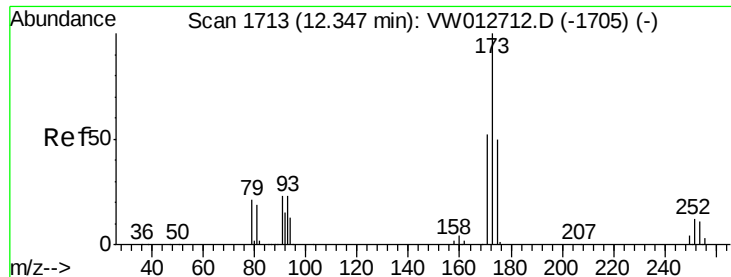
Tgt Ion:106 Resp: 188359
Ion Ratio Lower Upper
106 100
91 225.0 112.3 336.8



#70
Styrene
Concen: 50.510 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion:104 Resp: 326340
Ion Ratio Lower Upper
104 100
78 55.2 43.3 64.9
103 55.3 44.0 66.0

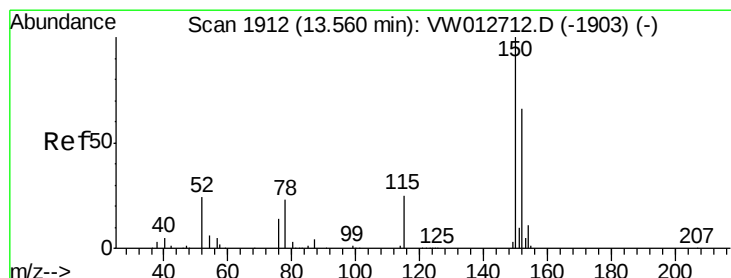
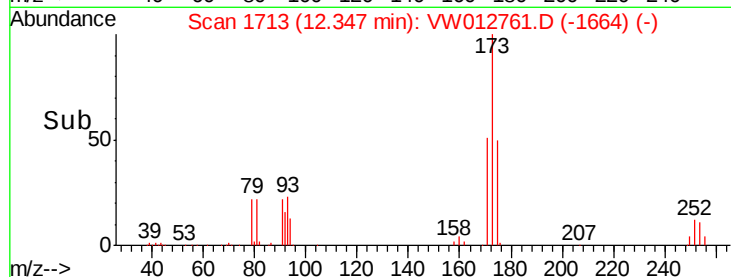
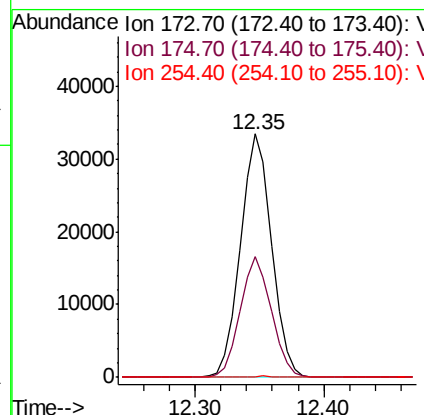
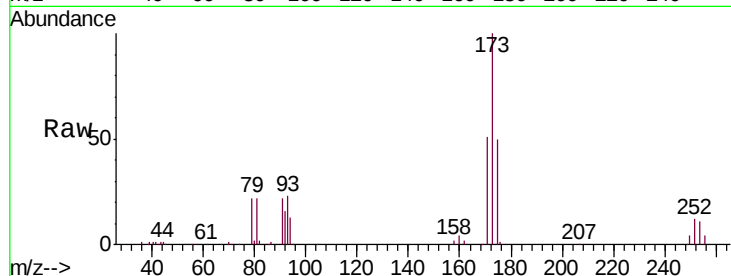




#71
Bromoform
Concen: 47.076 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

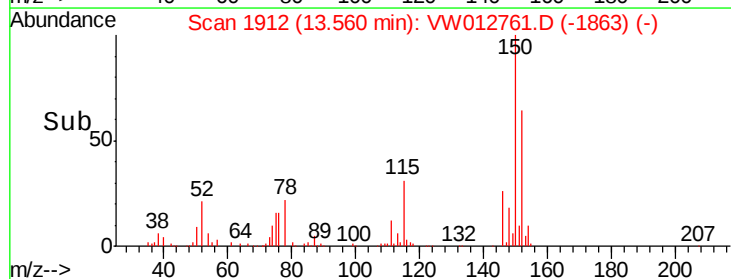
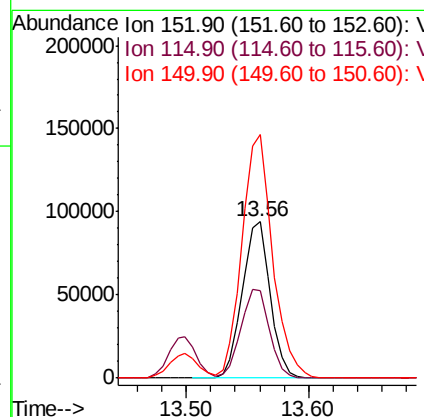
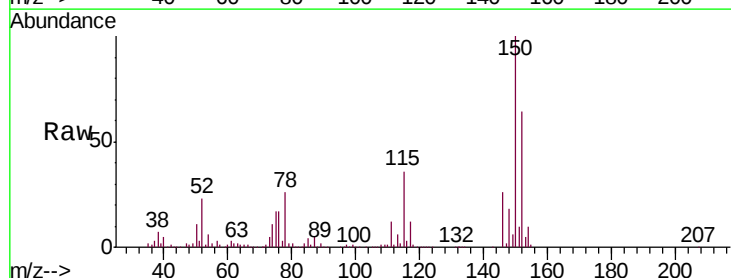
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

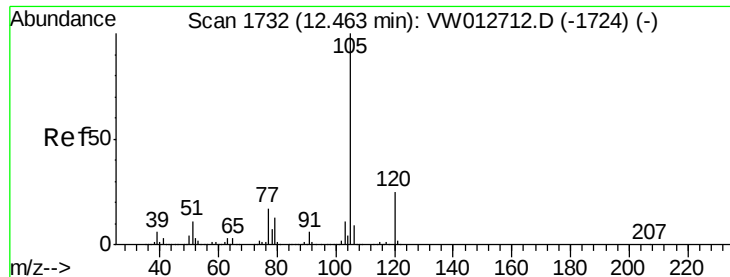
Tgt Ion:173 Resp: 55738
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.3
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion:152 Resp: 147617
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.1
150 171.3 0.0 349.0





#73

Isopropylbenzene

Concen: 51.492 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

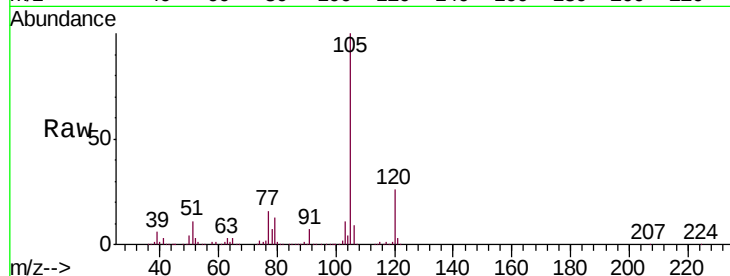
VSTDCCC050

Tgt Ion: 105 Resp: 545168

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

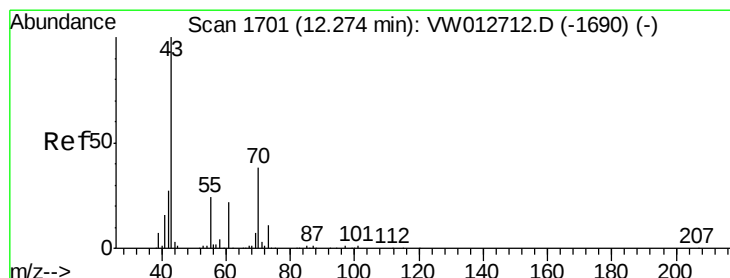
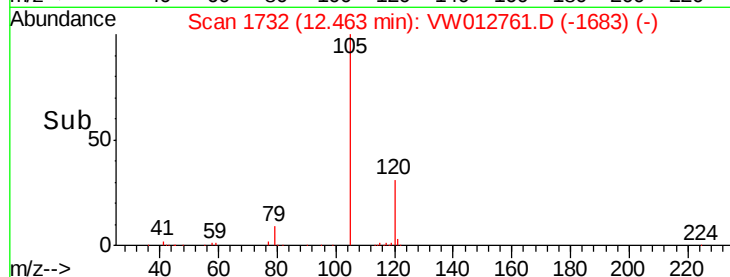
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 44.558 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Tgt Ion: 43 Resp: 149744

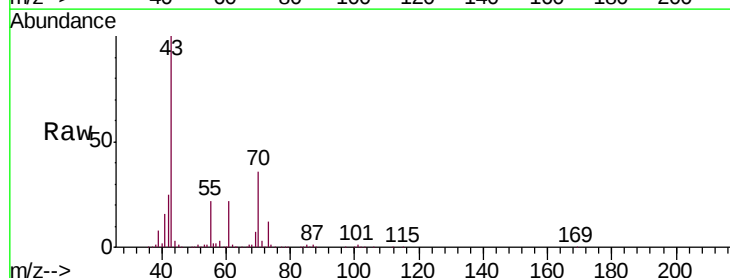
Ion Ratio Lower Upper

43 100

70 36.5 29.4 44.0

55 22.6 18.6 27.8

61 21.8 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

150000

100000

50000

0

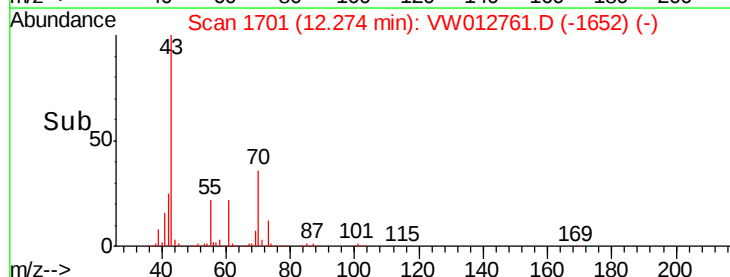
12.27

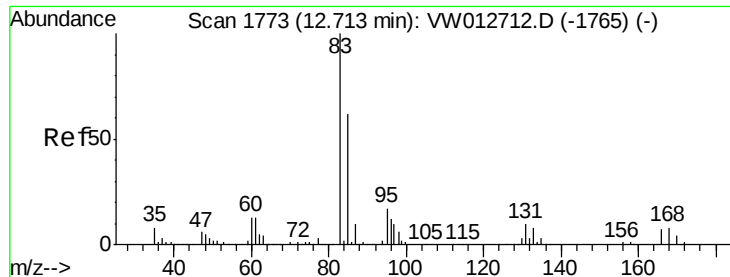
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.961 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

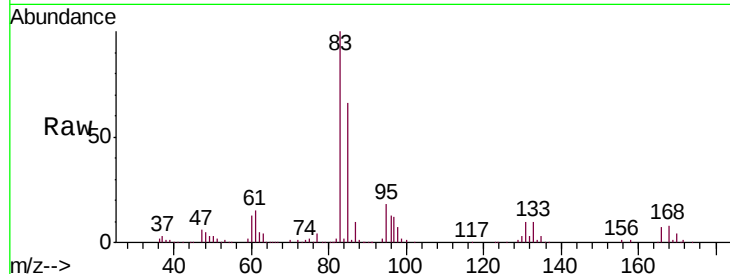
Tgt Ion: 83 Resp: 95599

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

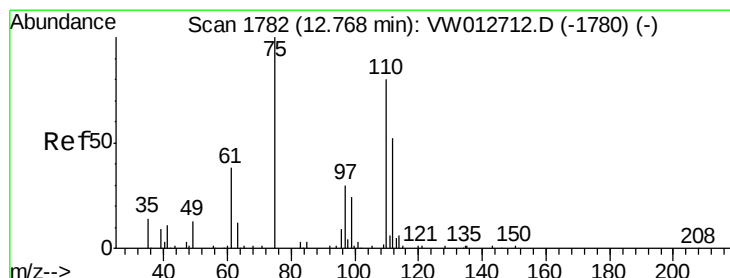
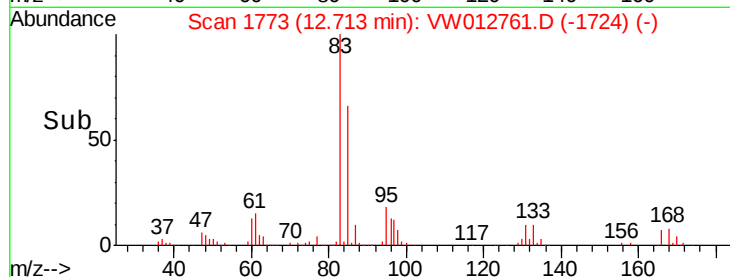
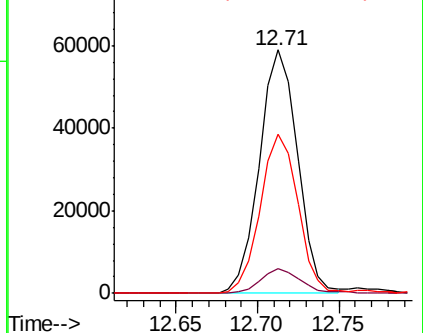
85 64.7 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 83.191 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012761.D

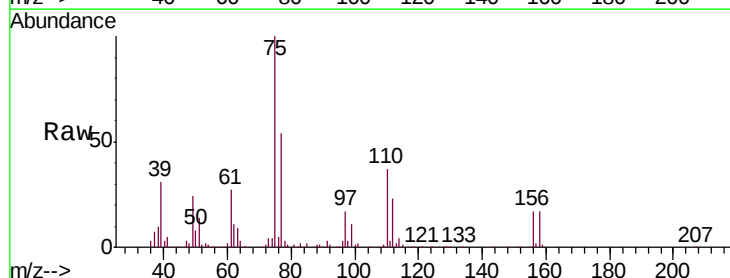
Acq: 08 Sep 2019 11:33

Tgt Ion: 75 Resp: 125573

Ion Ratio Lower Upper

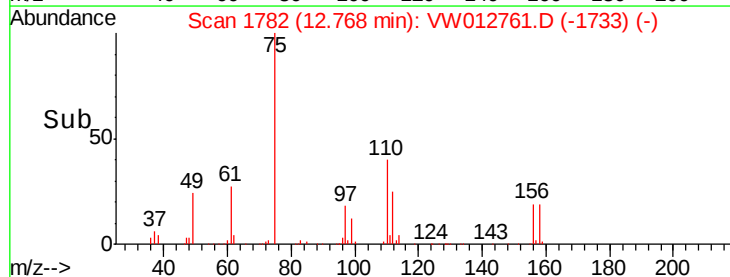
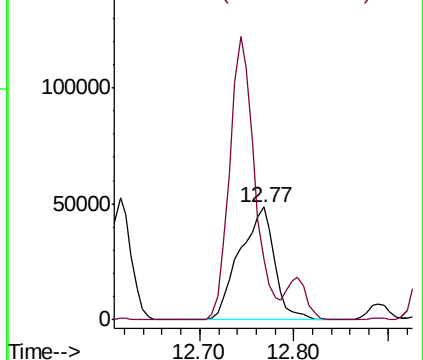
75 100

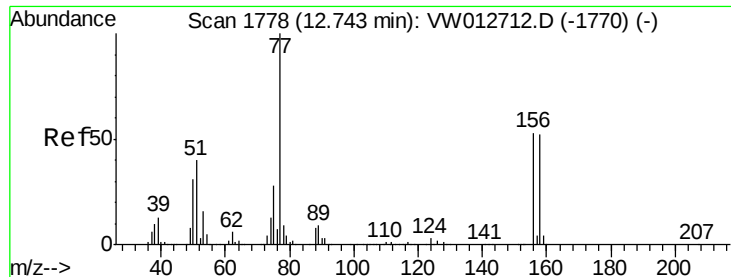
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.816 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

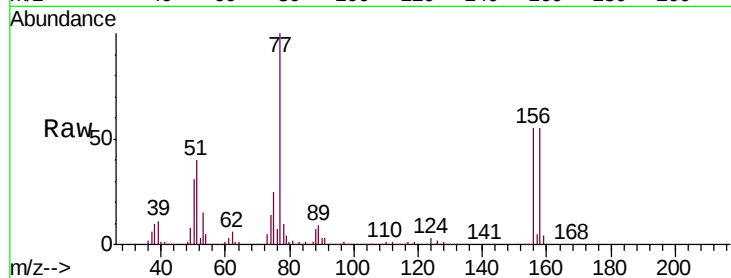
Tgt Ion:156 Resp: 114697

Ion Ratio Lower Upper

156 100

77 197.8 102.3 306.9

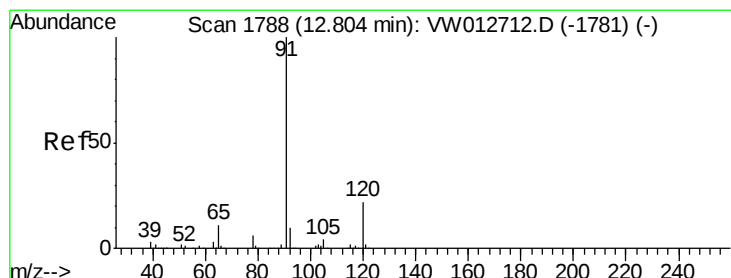
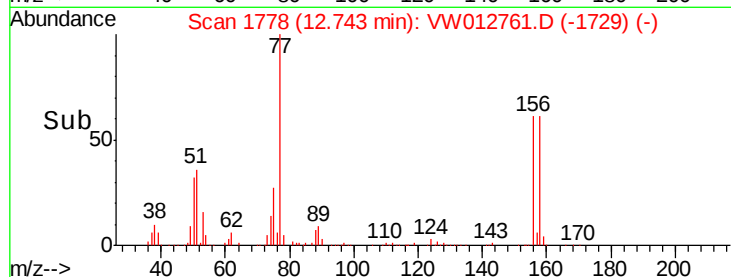
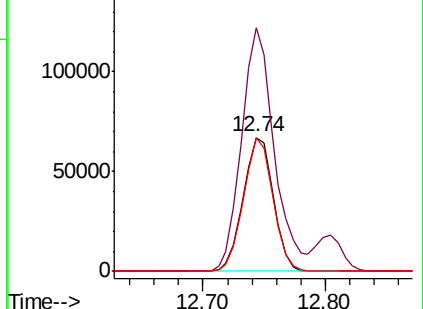
158 97.6 48.9 146.8



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: 51.661 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012761.D

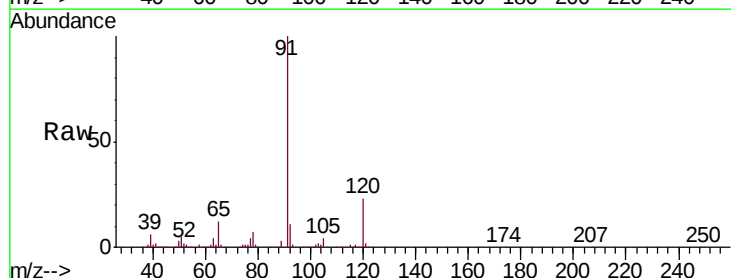
Acq: 08 Sep 2019 11:33

Tgt Ion: 91 Resp: 654158

Ion Ratio Lower Upper

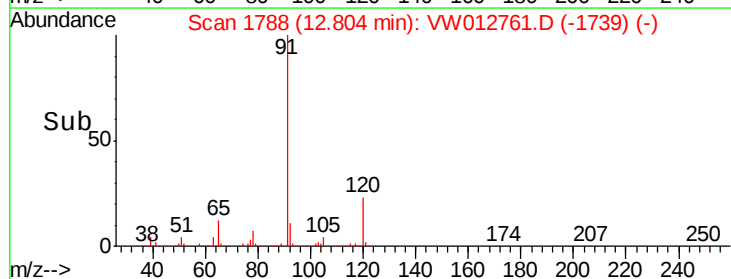
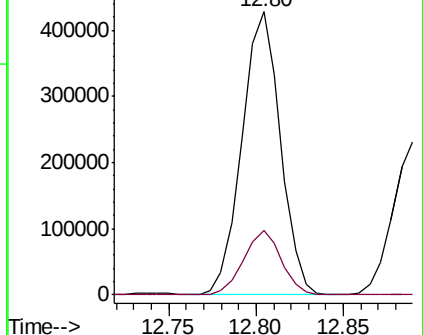
91 100

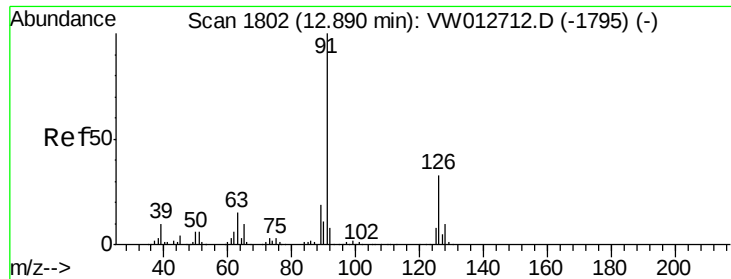
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.001 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

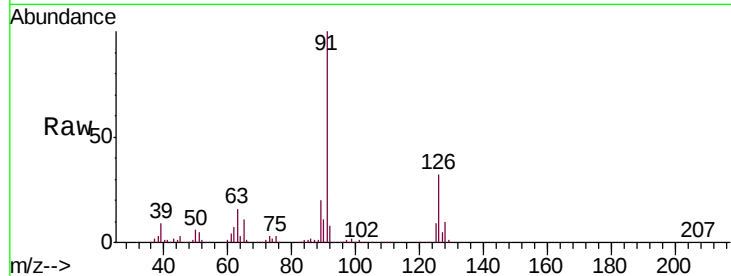
VSTDCCC050

Tgt Ion: 91 Resp: 370738

Ion Ratio Lower Upper

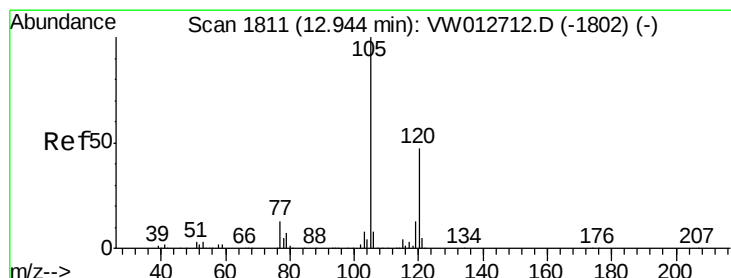
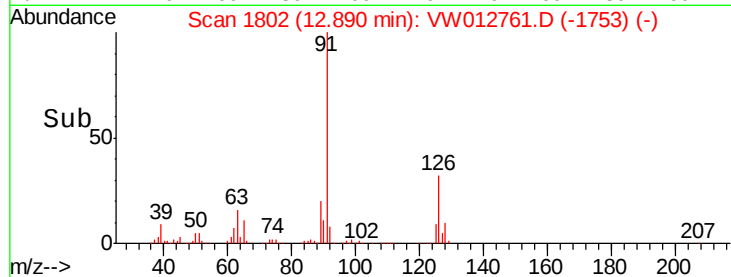
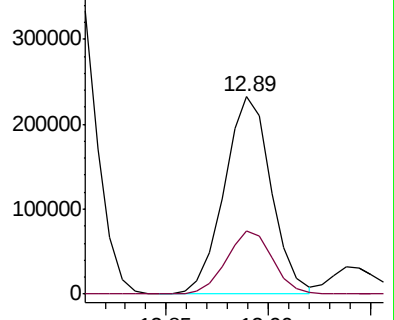
91 100

126 32.0 16.1 48.3



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: 51.370 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012761.D

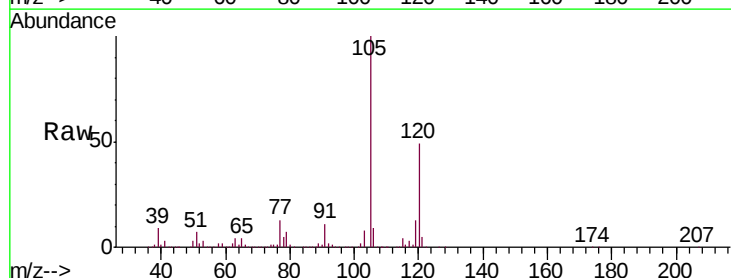
Acq: 08 Sep 2019 11:33

Tgt Ion: 105 Resp: 458299

Ion Ratio Lower Upper

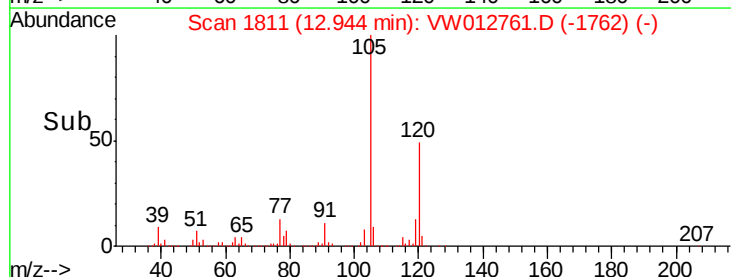
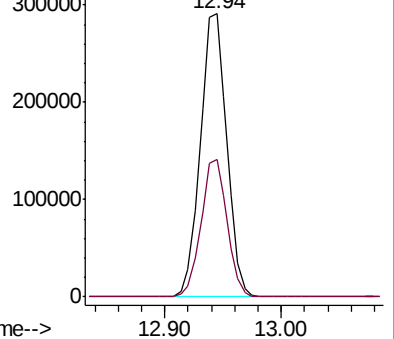
105 100

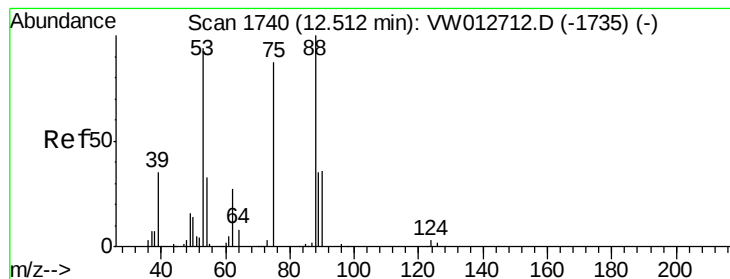
120 47.9 23.9 71.8



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: 46.159 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

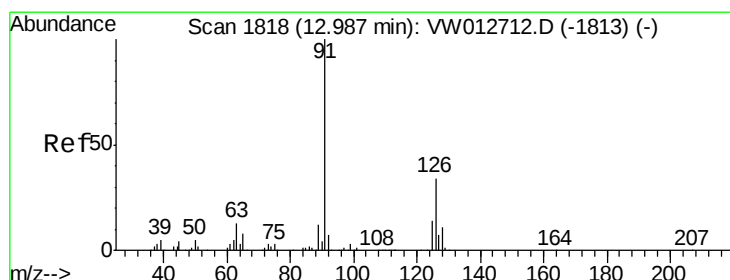
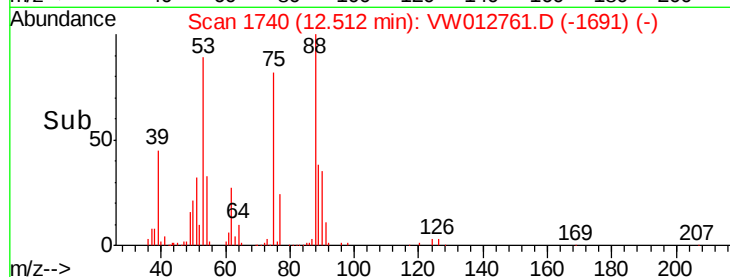
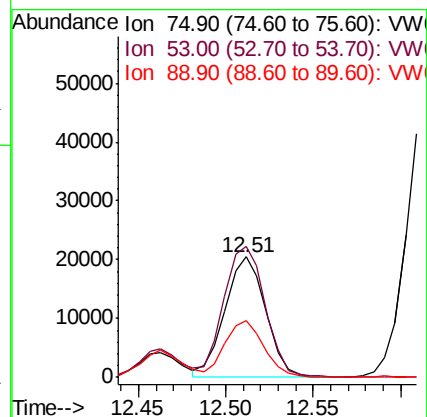
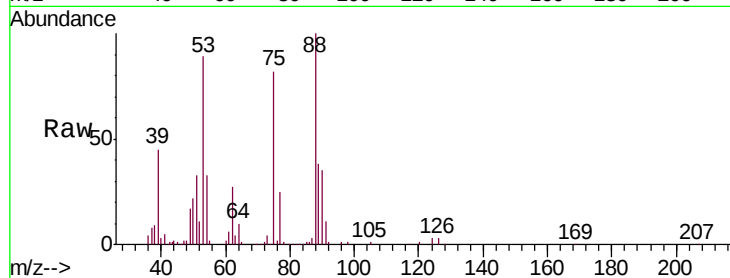
Tgt Ion: 75 Resp: 32942

Ion Ratio Lower Upper

75 100

53 111.3 87.6 131.4

89 45.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 51.260 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012761.D

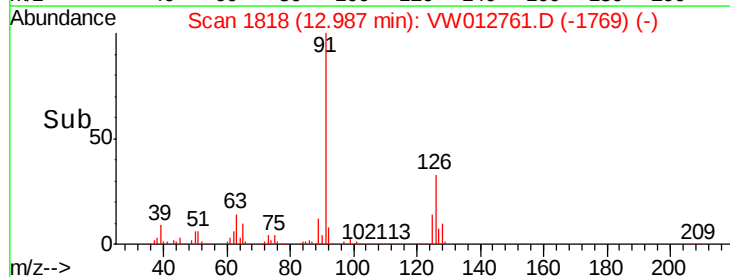
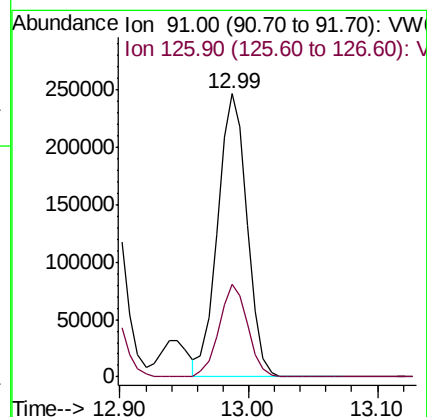
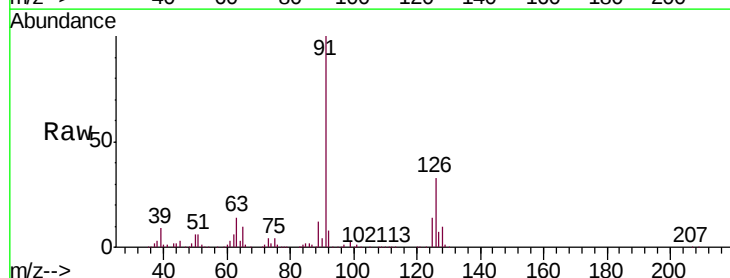
Acq: 08 Sep 2019 11:33

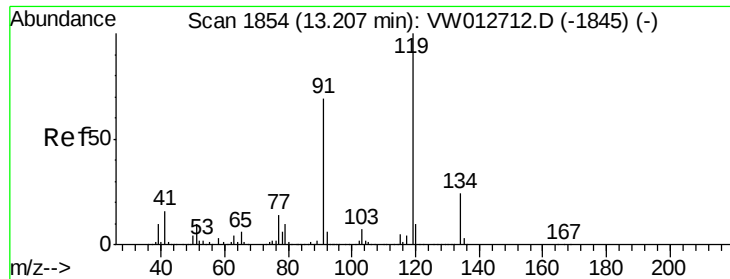
Tgt Ion: 91 Resp: 394145

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.6

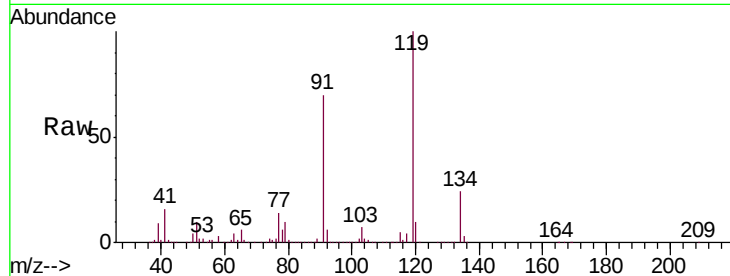




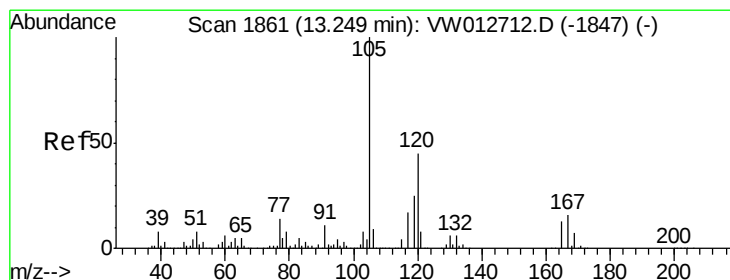
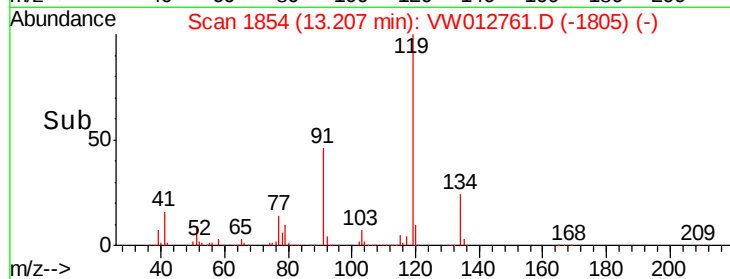
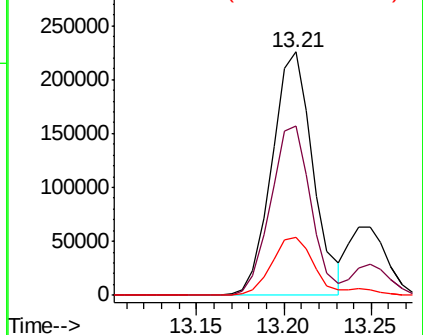
#83
 tert-Butylbenzene
 Concen: 46.691 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 368317
 Ion Ratio Lower Upper
 119 100
 91 68.6 34.2 102.5
 134 24.7 12.3 36.9

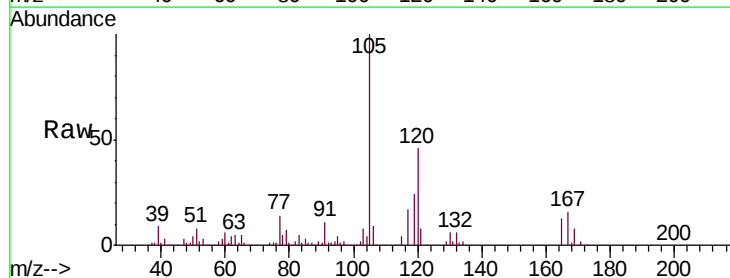


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

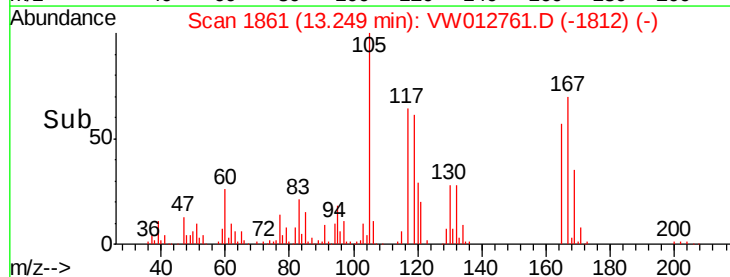
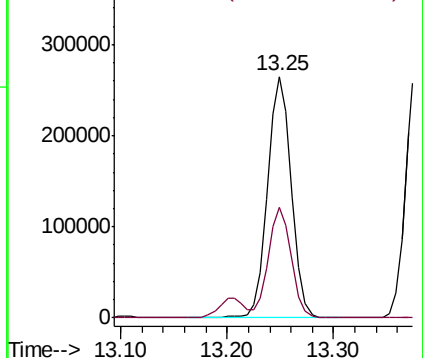


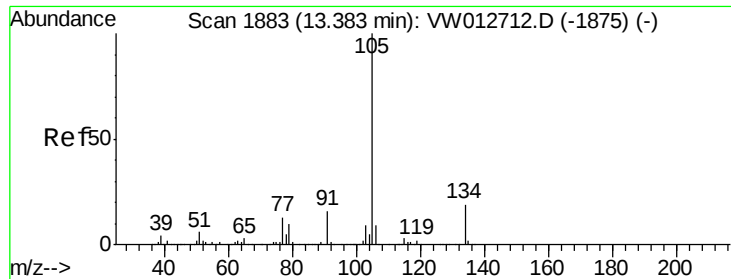
#84
 1,2,4-Trimethylbenzene
 Concen: 45.994 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion:105 Resp: 413462
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

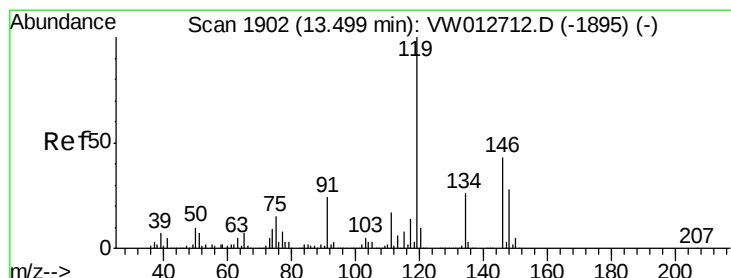
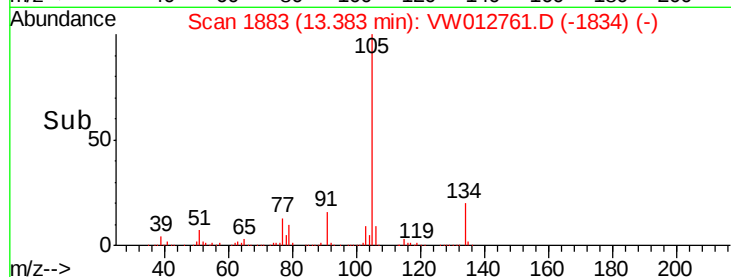
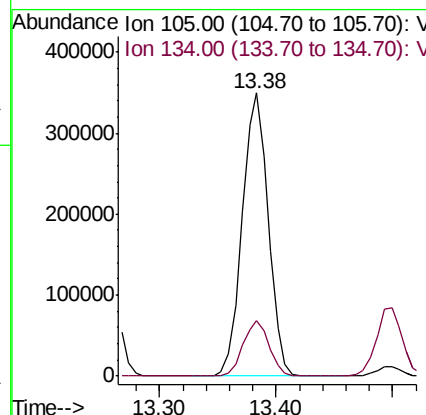
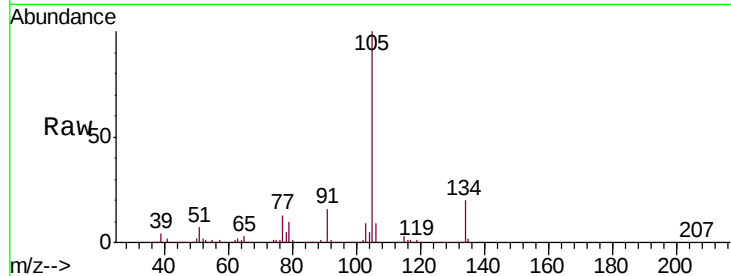




#85
 sec-Butylbenzene
 Concen: 49.734 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

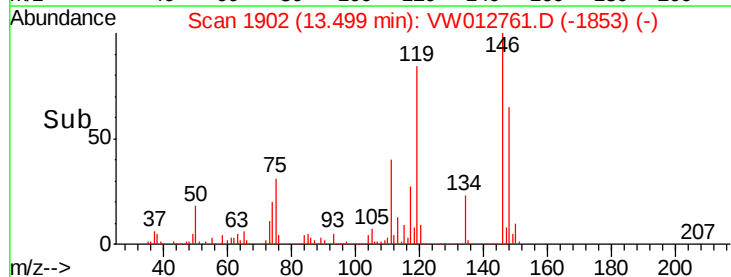
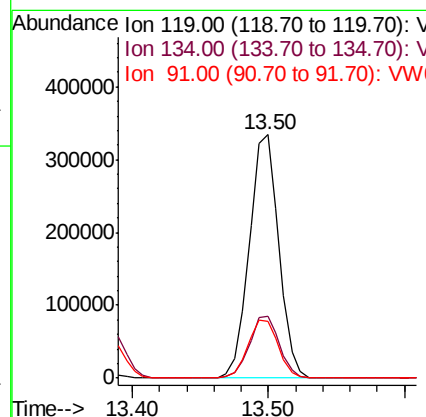
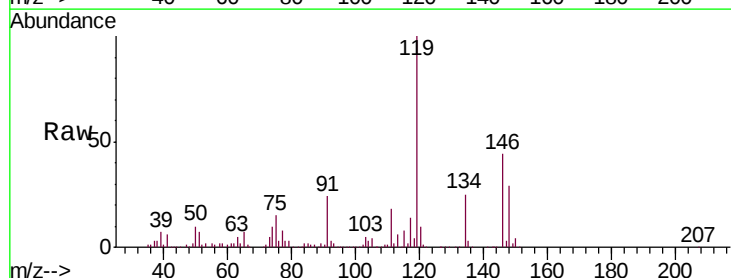
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

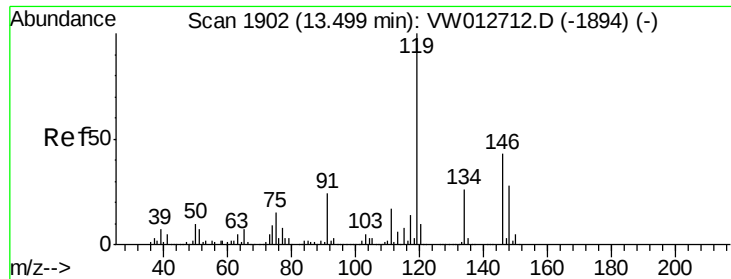
Tgt Ion:105 Resp: 544406
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.574 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion:119 Resp: 505665
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 24.4 12.2 36.6

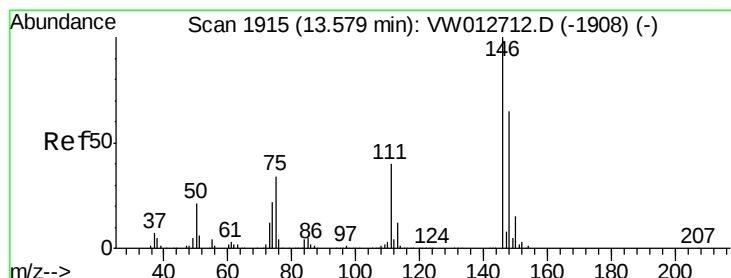
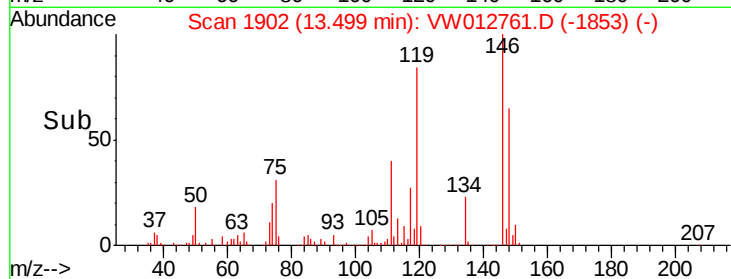
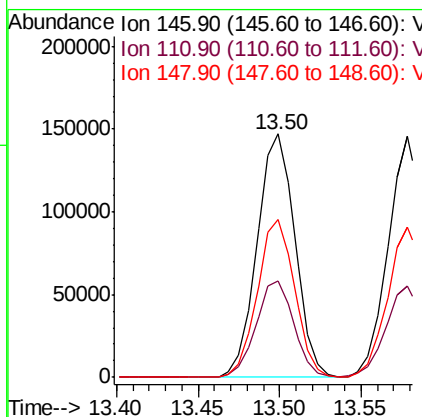
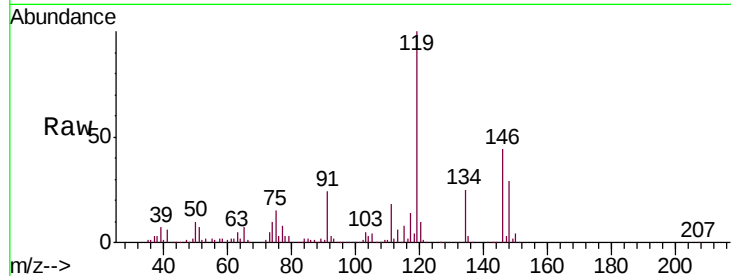




#87
 1,3-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

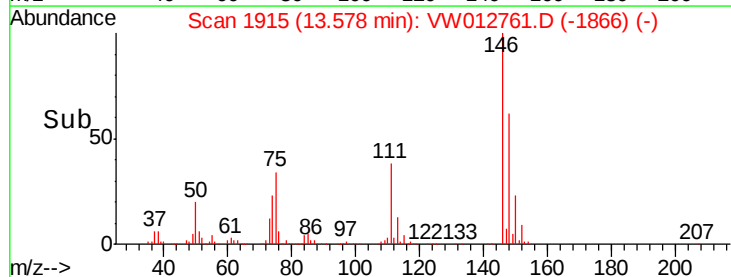
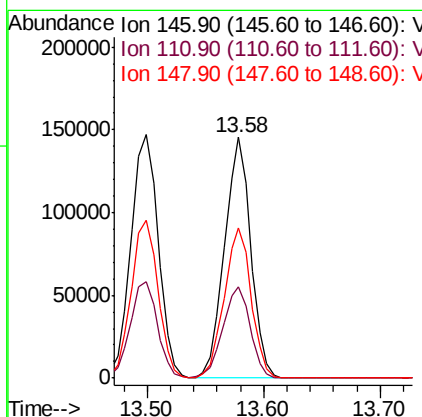
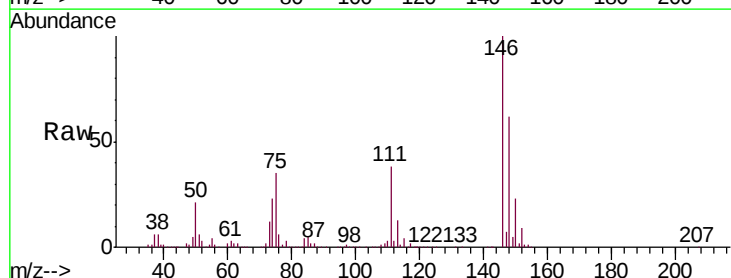
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

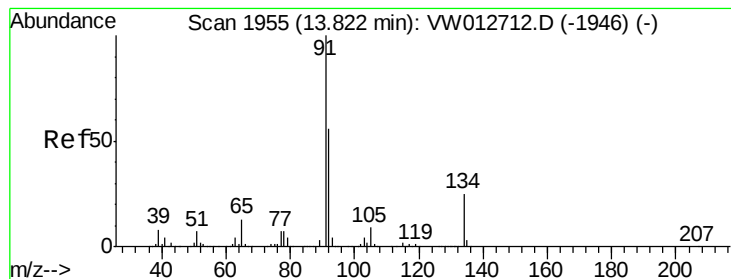
Tgt Ion:146 Resp: 237320
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.4 61.2
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.347 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion:146 Resp: 226819
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 60.0
 148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 51.369 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

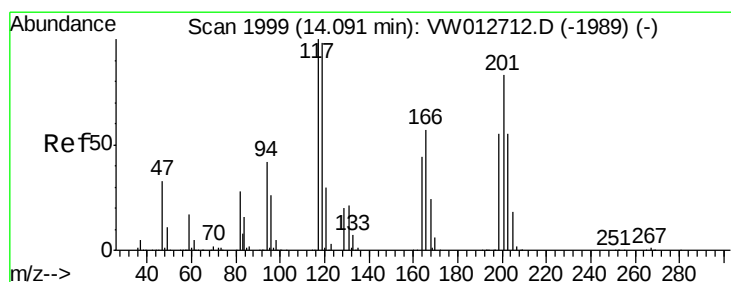
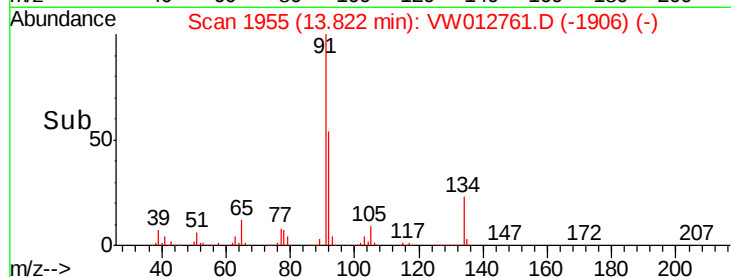
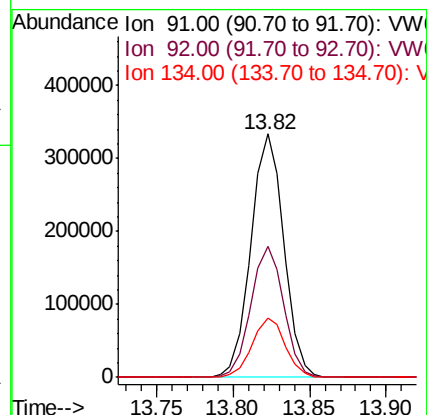
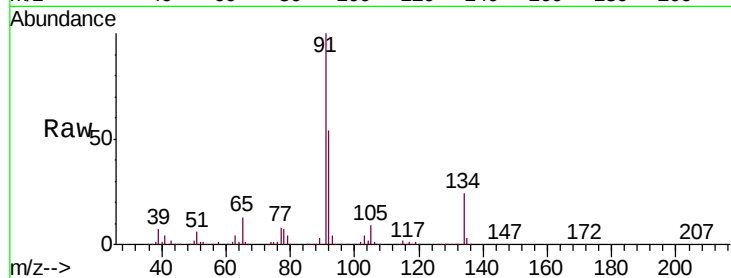
Tgt Ion: 91 Resp: 498626

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

134 24.5 12.7 38.1



#90

Hexachloroethane

Concen: 52.011 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012761.D

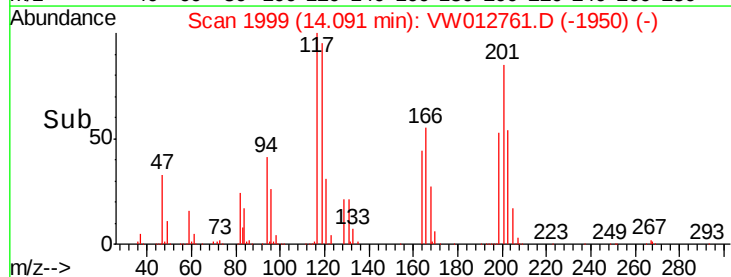
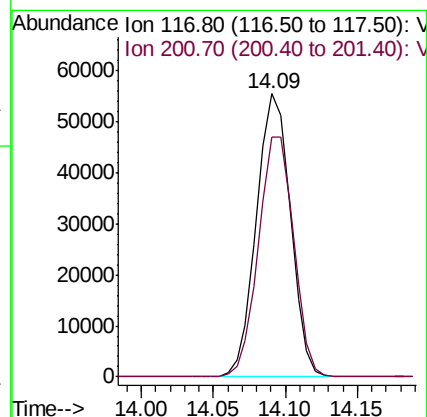
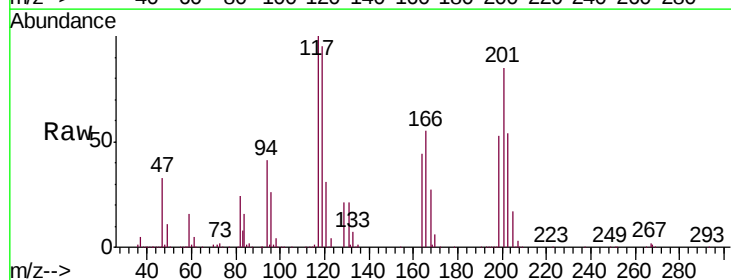
Acq: 08 Sep 2019 11:33

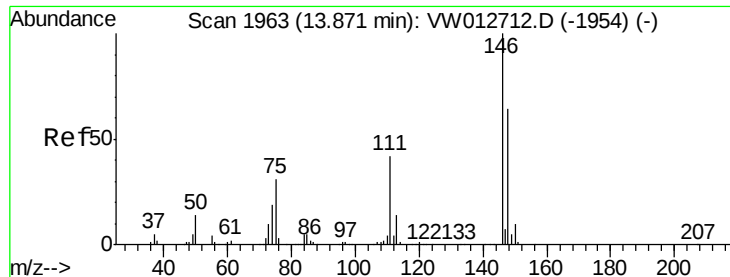
Tgt Ion: 117 Resp: 90784

Ion Ratio Lower Upper

117 100

201 87.4 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 50.075 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

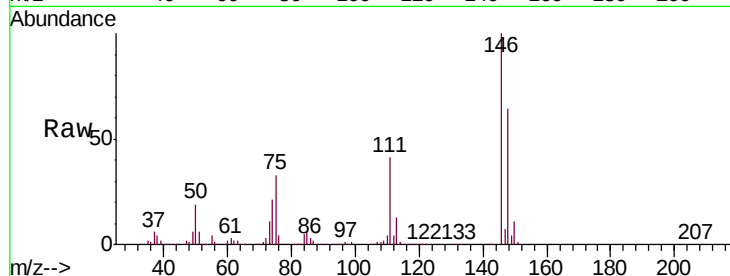
Tgt Ion:146 Resp: 212495

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

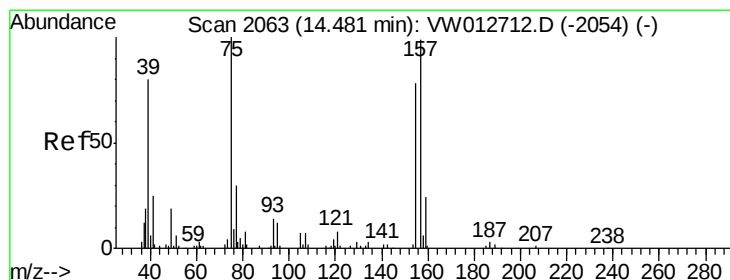
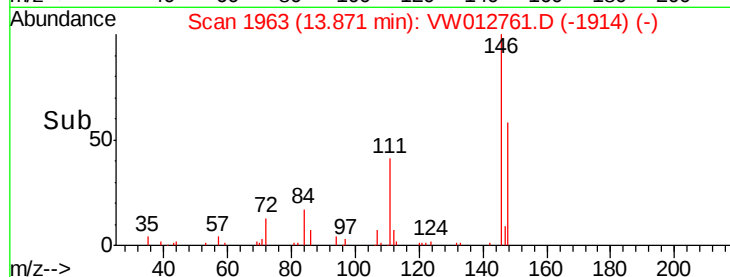
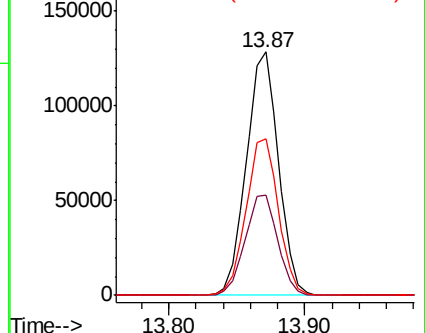
148 64.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.202 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012761.D

Acq: 08 Sep 2019 11:33

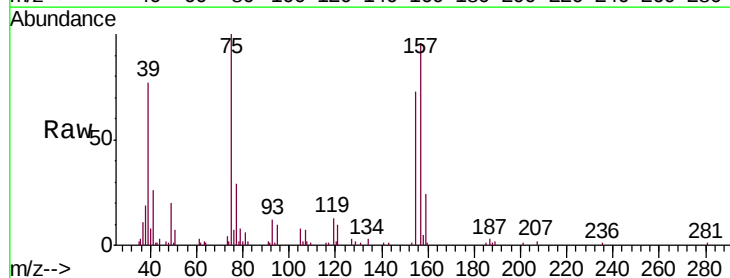
Tgt Ion: 75 Resp: 15254

Ion Ratio Lower Upper

75 100

155 74.8 40.6 122.0

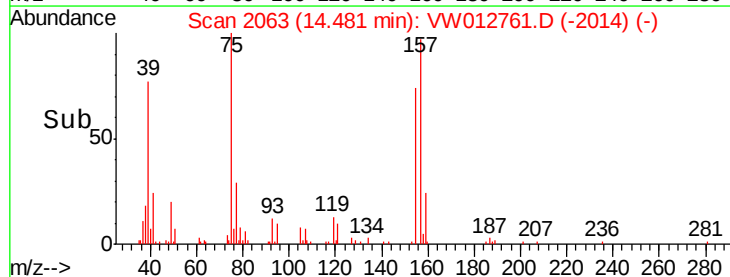
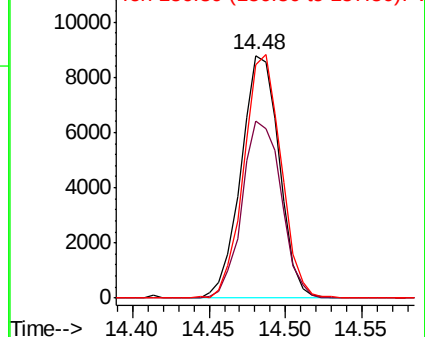
157 97.6 52.5 157.5

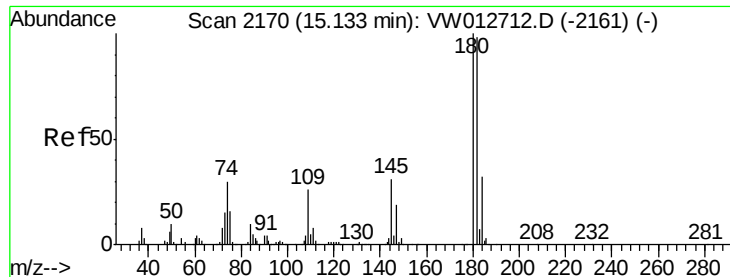


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

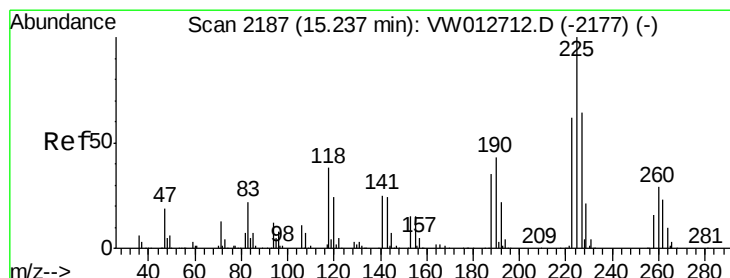
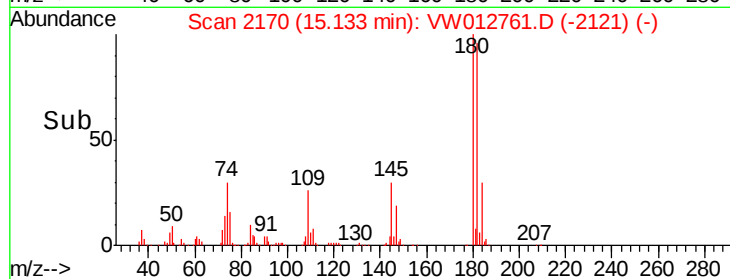
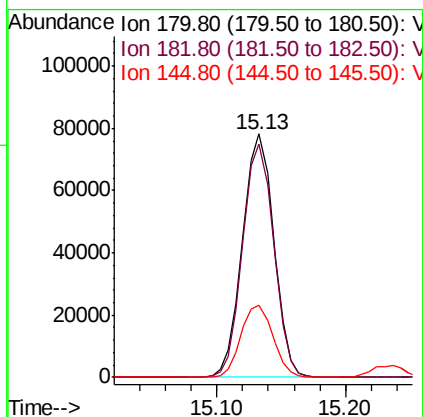
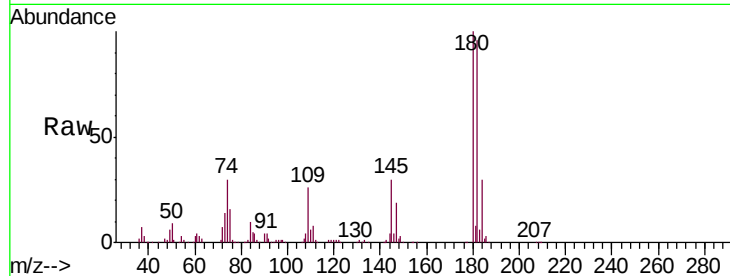




#93
 1,2,4-Trichlorobenzene
 Concen: 44.547 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

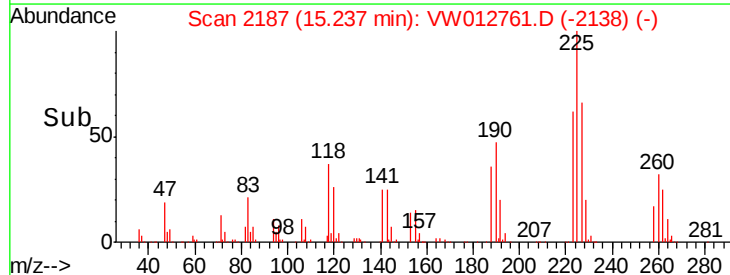
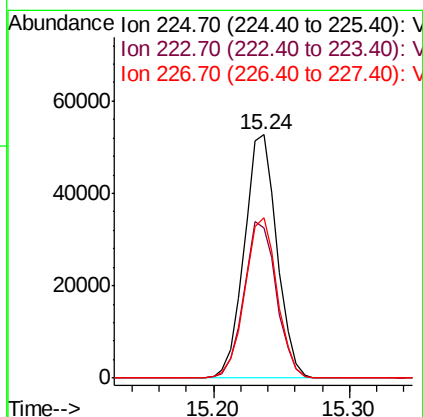
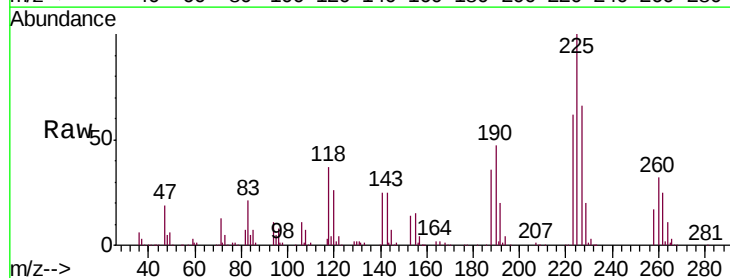
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

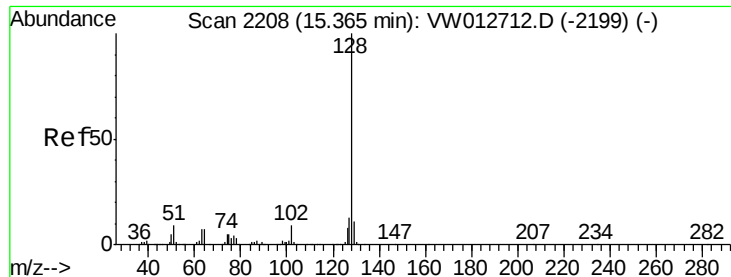
Tgt Ion:180 Resp: 131614
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.7 146.1
 145 30.4 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 43.180 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012761.D
 Acq: 08 Sep 2019 11:33

Tgt Ion:225 Resp: 88302
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.3
 227 65.3 31.4 94.2

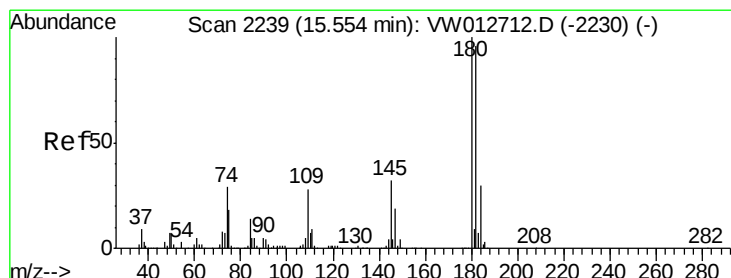
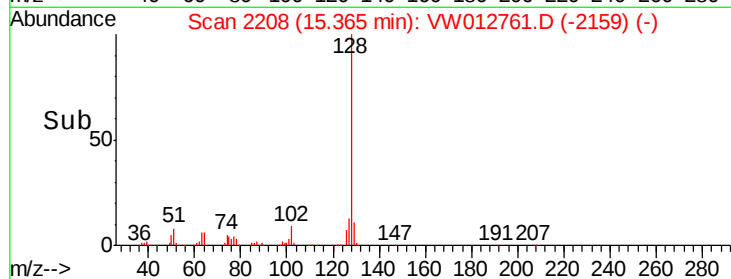
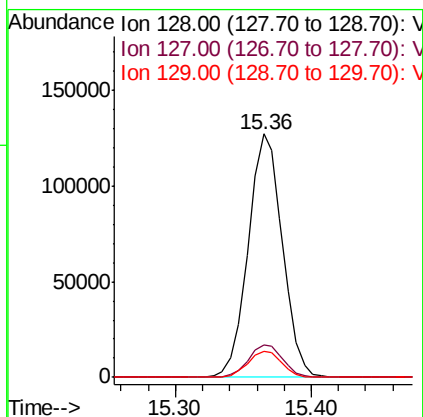
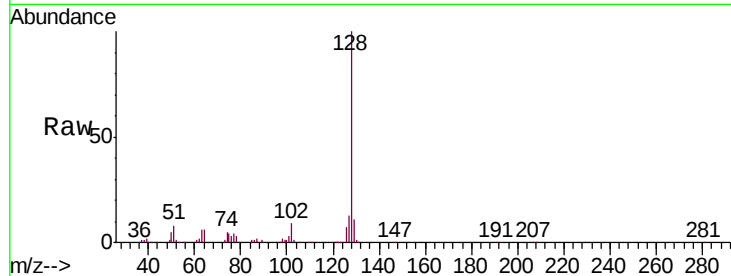




#95
Naphthalene
Concen: 37.480 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 224565
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.609 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012761.D
Acq: 08 Sep 2019 11:33

Tgt Ion:180 Resp: 113729
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 32.0 15.4 46.2

