

Data File : VW012784.D
Acq On : 08 Sep 2019 21:34
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 09 06:02:19 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	204191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	126959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121402	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
35) Dibromofluoromethane	7.88	113	96854	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
50) Toluene-d8	10.32	98	396360	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.62	95	136511	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48623	43.925	ug/l	97
3) Chloromethane	2.21	50	61499	45.714	ug/l	93
4) Vinyl Chloride	2.36	62	79933	48.459	ug/l	96
5) Bromomethane	2.73	94	44969	50.205	ug/l	100
6) Chloroethane	2.89	64	48459	49.231	ug/l	97
7) Trichlorofluoromethane	3.24	101	56337	49.493	ug/l	97
8) Diethyl Ether	3.68	74	45030	47.068	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	85378	47.796	ug/l	96
10) Methyl Iodide	4.26	142	110937	49.333	ug/l	99
11) Tert butyl alcohol	5.17	59	34018	194.881	ug/l	99
12) 1,1-Dichloroethene	4.03	96	78507	46.557	ug/l	99
13) Acrolein	3.89	56	24373	131.576	ug/l	97
14) Allyl chloride	4.65	41	159679	45.776	ug/l	96
15) Acrylonitrile	5.35	53	116065	207.710	ug/l	99
16) Acetone	4.12	43	109855	176.622	ug/l	99
17) Carbon Disulfide	4.37	76	155177	43.354	ug/l	99
18) Methyl Acetate	4.67	43	62789	43.028	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	162184	48.497	ug/l	97
20) Methylene Chloride	4.91	84	89425	45.956	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	86809	50.453	ug/l	92
22) Diisopropyl ether	6.31	45	340120	49.161	ug/l	99
23) Vinyl Acetate	6.25	43	983825	224.384	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190245	51.070	ug/l	99
25) 2-Butanone	7.17	43	162076	182.724	ug/l	100
26) 2,2-Dichloropropane	7.16	77	110551	46.987	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	106150	53.208	ug/l	96
28) Bromochloromethane	7.51	49	83340	48.722	ug/l #	90
29) Tetrahydrofuran	7.52	42	101279	201.641	ug/l	97
30) Chloroform	7.68	83	193764	52.484	ug/l	97
31) Cyclohexane	7.95	56	146912	43.806	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	157215	52.534	ug/l	100
36) 1,1-Dichloropropene	8.08	75	137346	51.161	ug/l	99
37) Ethyl Acetate	7.25	43	71464	41.759	ug/l	99
38) Carbon Tetrachloride	8.07	117	143633	54.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149477	49.575	ug/l	98
40) Benzene	8.32	78	384593	51.634	ug/l	100
41) Methacrylonitrile	7.48	41	47339	41.407	ug/l	96
42) 1,2-Dichloroethane	8.40	62	134098	51.156	ug/l	99
43) Isopropyl Acetate	8.42	43	142224	43.866	ug/l	98
44) Trichloroethene	9.09	130	102875	53.581	ug/l	95
45) 1,2-Dichloropropane	9.37	63	102564	49.648	ug/l	100
46) Dibromomethane	9.46	93	48950	50.038	ug/l	98
47) Bromodichloromethane	9.64	83	140158	52.076	ug/l	97
48) Methyl methacrylate	9.43	41	66775	43.096	ug/l	97
49) 1,4-Dioxane	9.45	88	15213	787.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	360208	211.724	ug/l	99
52) Toluene	10.38	92	242871	52.243	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	137893	49.826	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	156508	49.851	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	72502	49.504	ug/l	99
56) Ethyl methacrylate	10.65	69	99131	46.240	ug/l	97
57) 1,3-Dichloropropane	10.93	76	131662	48.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	268401	235.828	ug/l	97
59) 2-Hexanone	10.97	43	247500	199.124	ug/l	100
60) Dibromochloromethane	11.13	129	88704	51.499	ug/l	98
61) 1,2-Dibromoethane	11.23	107	65668	48.907	ug/l	99
64) Tetrachloroethene	10.86	164	92954	58.813	ug/l	97
65) Chlorobenzene	11.66	112	258047	52.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	99639	54.348	ug/l	99
67) Ethyl Benzene	11.73	91	493226	53.398	ug/l	100
68) m/p-Xylenes	11.84	106	359526	107.834	ug/l	100
69) o-Xylene	12.16	106	170277	54.134	ug/l	98
70) Styrene	12.18	104	298756	53.750	ug/l	100
71) Bromoform	12.35	173	51175	50.241	ug/l	99
73) Isopropylbenzene	12.46	105	488014	53.593	ug/l	99
74) N-amyl acetate	12.27	43	127701	44.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	81494	44.563	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	111021	85.518	ug/l #	100
77) Bromobenzene	12.74	156	110770	53.693	ug/l	94
78) n-propylbenzene	12.80	91	573819	52.689	ug/l	100
79) 2-Chlorotoluene	12.89	91	329376	52.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	415384	54.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25582	41.679	ug/l	97
82) 4-Chlorotoluene	12.99	91	345896	52.304	ug/l	99
83) tert-Butylbenzene	13.21	119	368113	54.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	407861	52.753	ug/l	99
85) sec-Butylbenzene	13.38	105	491757	52.234	ug/l	99
86) p-Isopropyltoluene	13.50	119	449681	52.293	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	208847	51.504	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	207224	51.357	ug/l	99
89) n-Butylbenzene	13.82	91	414420	49.640	ug/l	100
90) Hexachloroethane	14.09	117	78871	52.538	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	188271	51.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15156	45.287	ug/l	96

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

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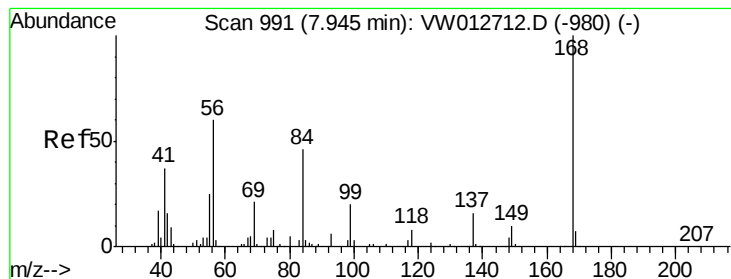
Quant Time: Sep 09 06:02:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	131540	51.767	ug/l	99
94) Hexachlorobutadiene	15.24	225	89214	50.724	ug/l	100
95) Naphthalene	15.36	128	229627	43.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	117773	52.508	ug/l	98

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

Quant Time: Sep 09 06:02:19 2019
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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: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

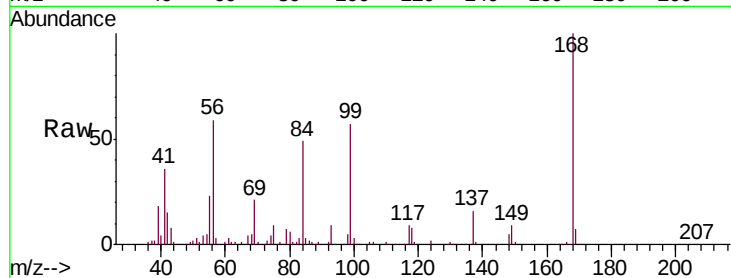
VSTDCCC050EC

Tgt Ion:168 Resp: 204191

Ion Ratio Lower Upper

168 100

99 56.8 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

100000

80000

60000

40000

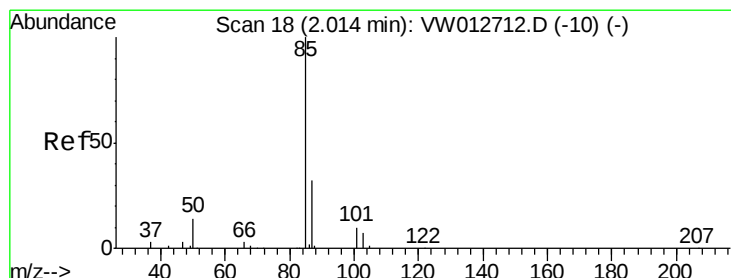
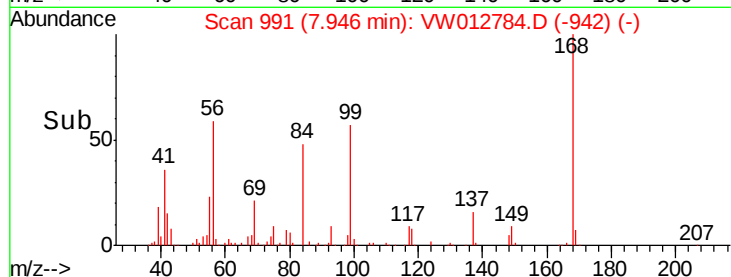
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 43.925 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012784.D

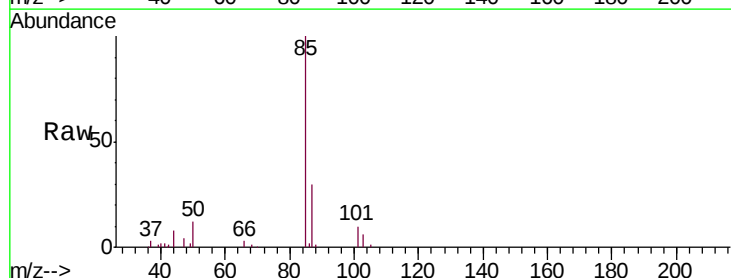
Acq: 08 Sep 2019 21:34

Tgt Ion: 85 Resp: 48623

Ion Ratio Lower Upper

85 100

87 30.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

10000

5000

0

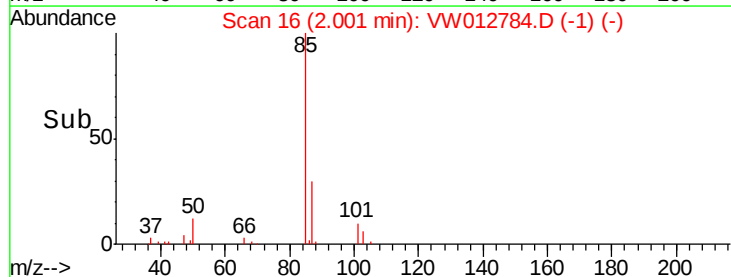
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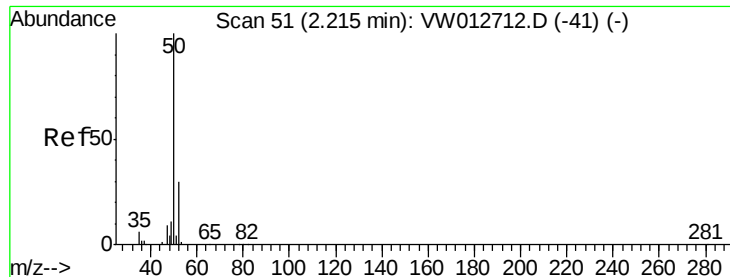
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 45.714 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

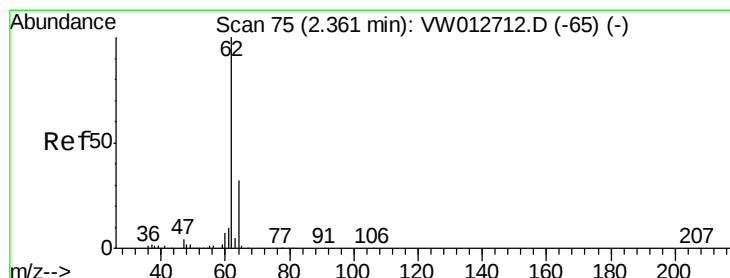
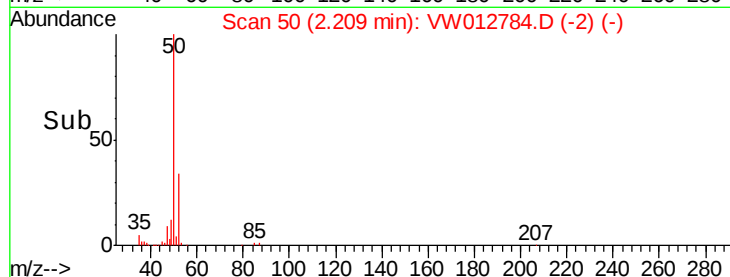
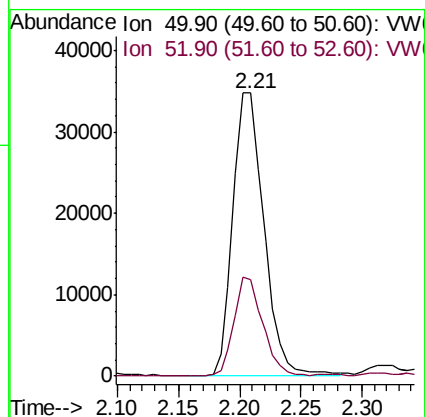
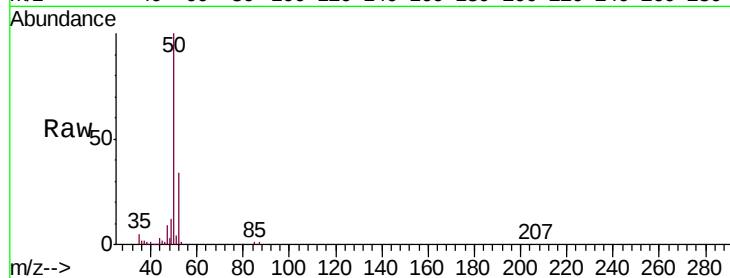
VSTDCCC050EC

Tgt Ion: 50 Resp: 61499

Ion Ratio Lower Upper

50 100

52 33.9 24.2 36.2



#4

Vinyl Chloride

Concen: 48.459 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012784.D

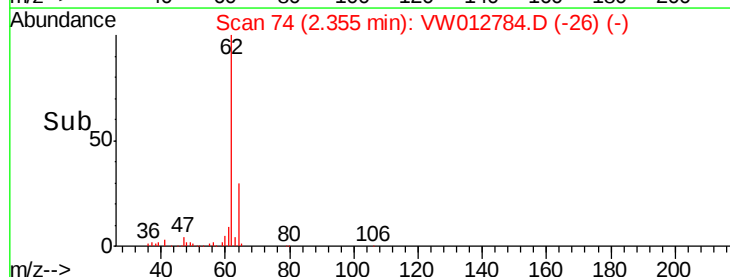
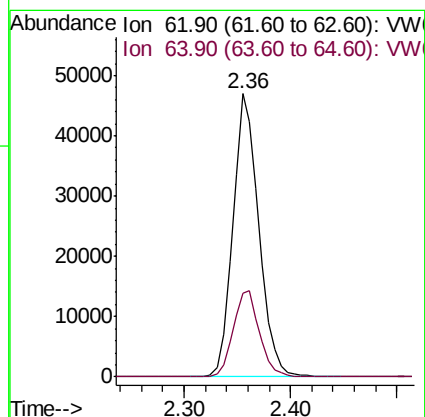
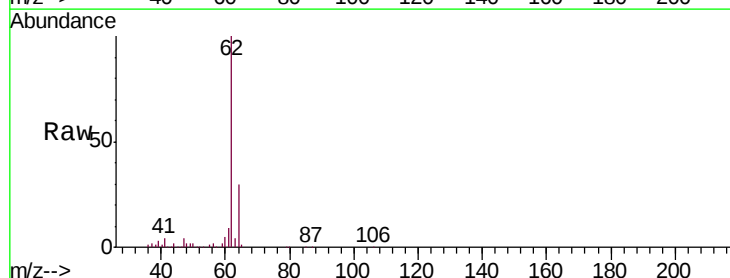
Acq: 08 Sep 2019 21:34

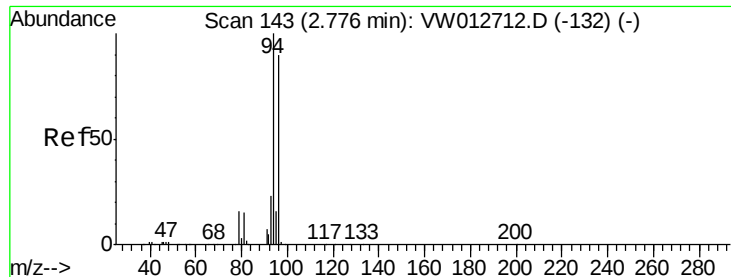
Tgt Ion: 62 Resp: 79933

Ion Ratio Lower Upper

62 100

64 29.6 25.3 37.9





#5

Bromomethane

Concen: 50.205 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

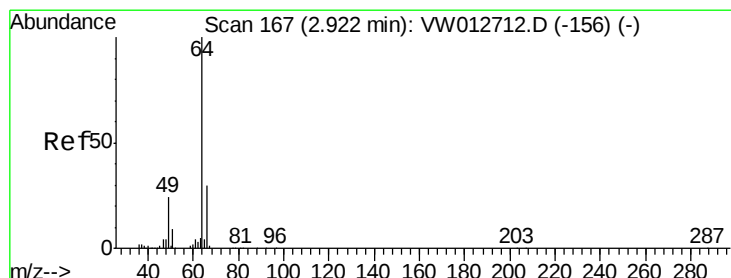
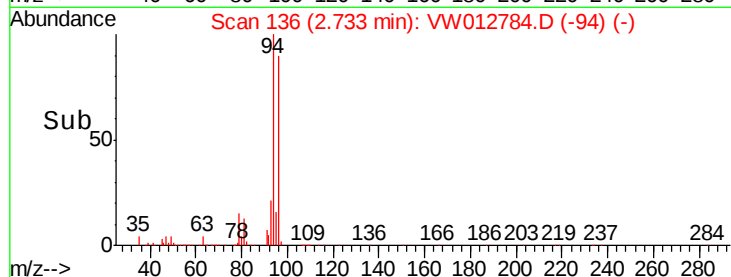
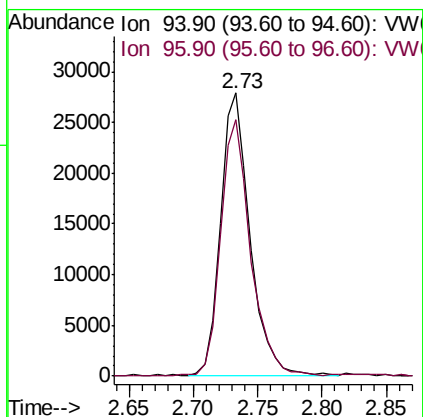
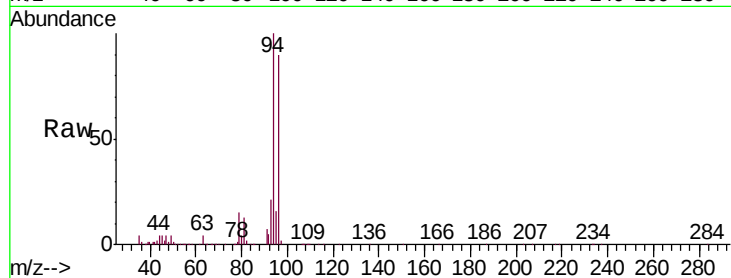
VSTDCCC050EC

Tgt Ion: 94 Resp: 44969

Ion Ratio Lower Upper

94 100

96 89.9 72.1 108.1



#6

Chloroethane

Concen: 49.231 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.03 min

Lab File: VW012784.D

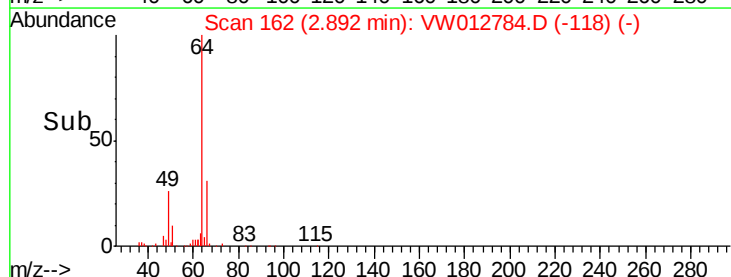
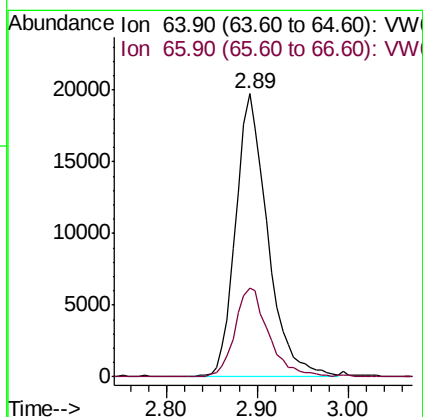
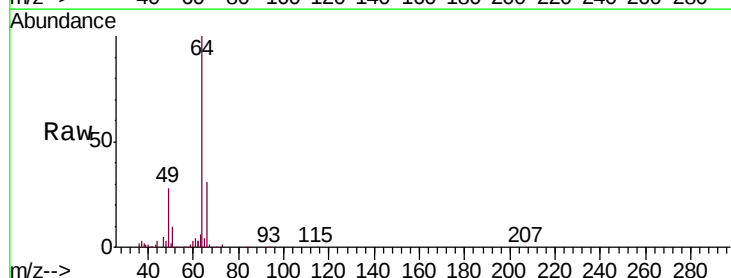
Acq: 08 Sep 2019 21:34

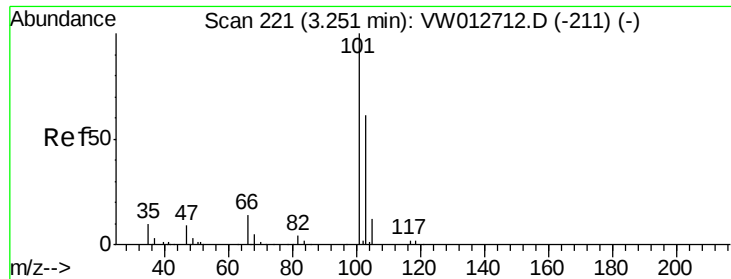
Tgt Ion: 64 Resp: 48459

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.6



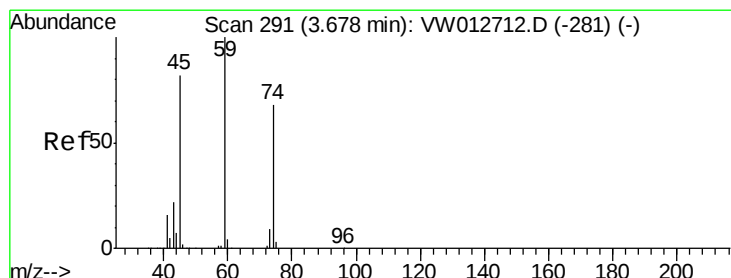
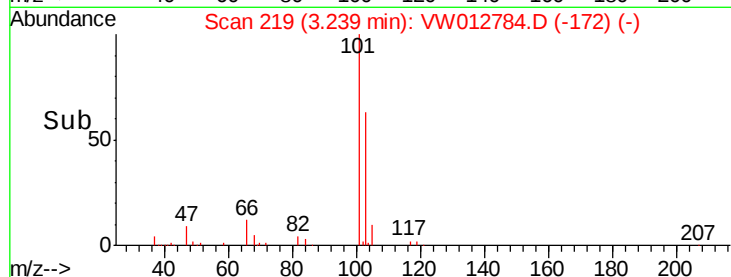
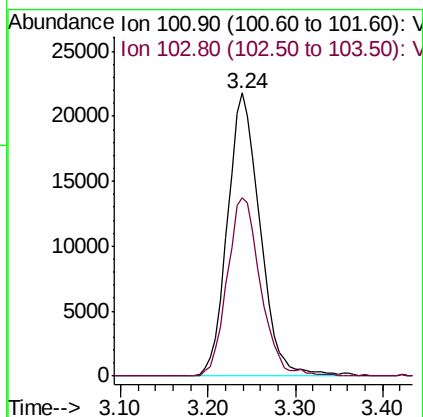
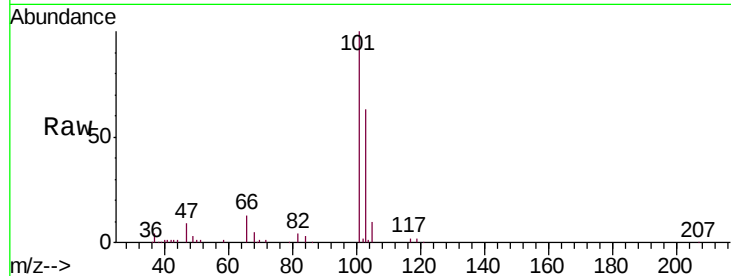


#7

Trichlorofluoromethane
 Concen: 49.493 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
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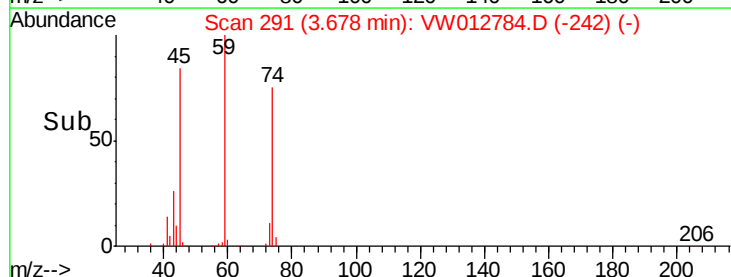
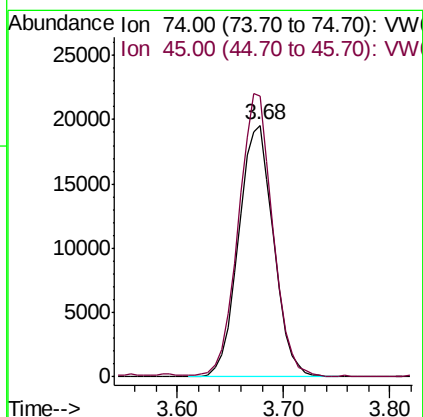
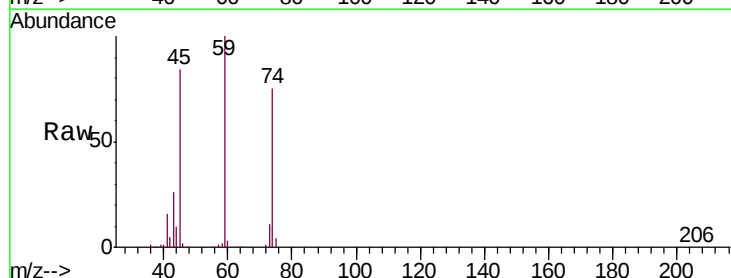
Tgt Ion:101 Resp: 56337
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.0 73.4

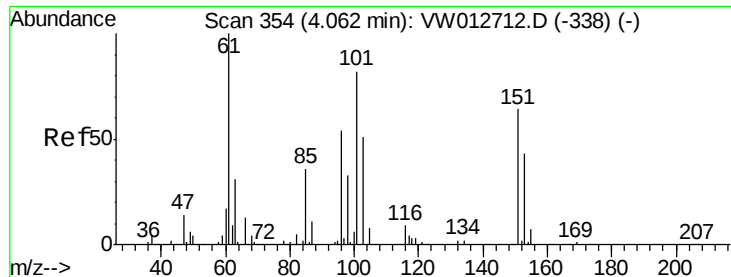


#8

Diethyl Ether
 Concen: 47.068 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 74 Resp: 45030
 Ion Ratio Lower Upper
 74 100
 45 109.8 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.796 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

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ClientSampleId :

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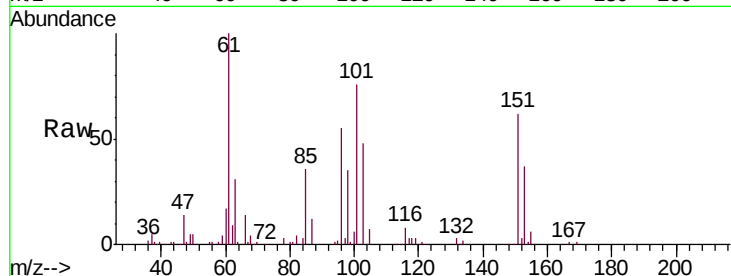
Tgt Ion:101 Resp: 85378

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

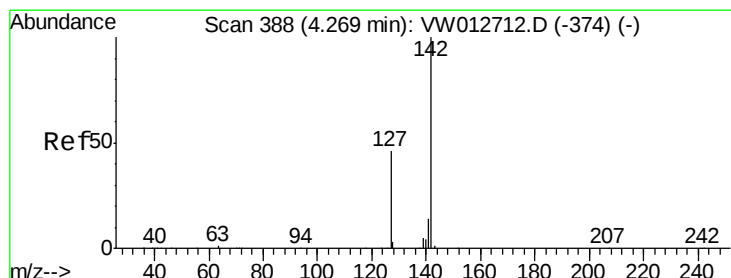
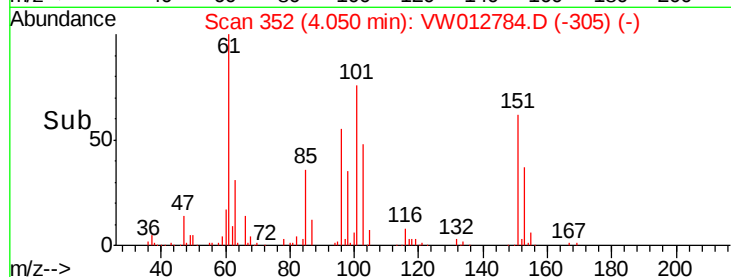
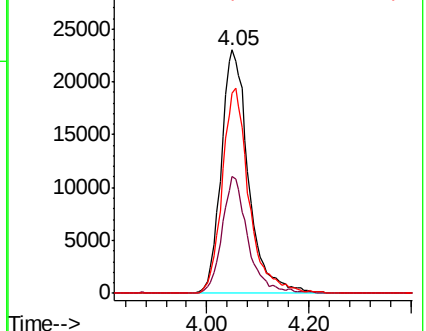
151 82.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.333 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

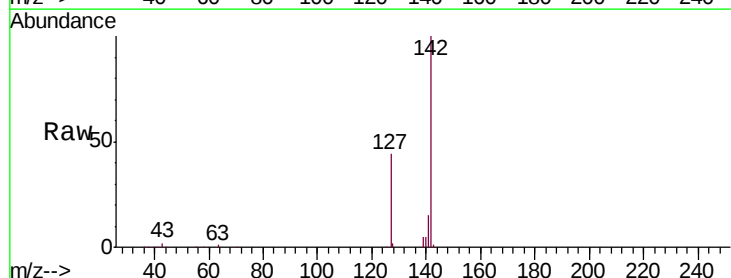
Tgt Ion:142 Resp: 110937

Ion Ratio Lower Upper

142 100

127 45.5 36.0 54.0

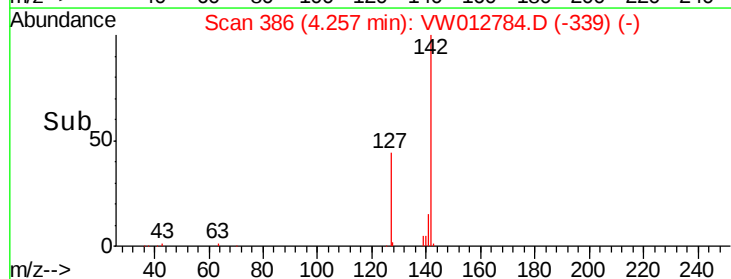
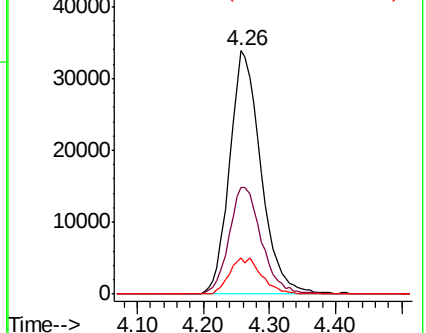
141 15.3 12.2 18.4

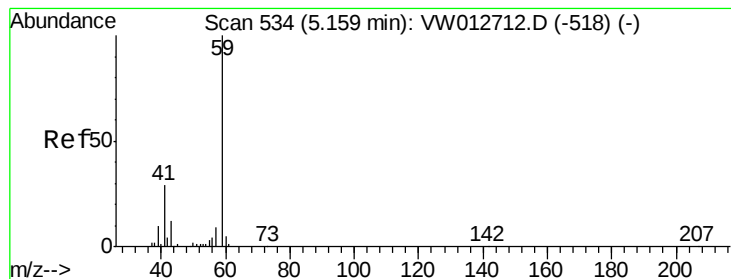


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



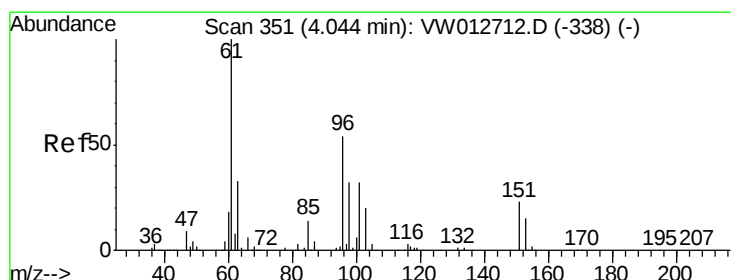
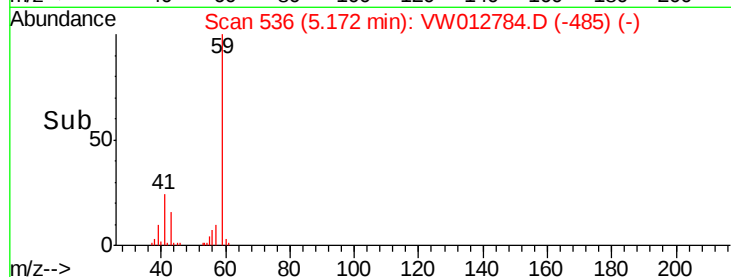
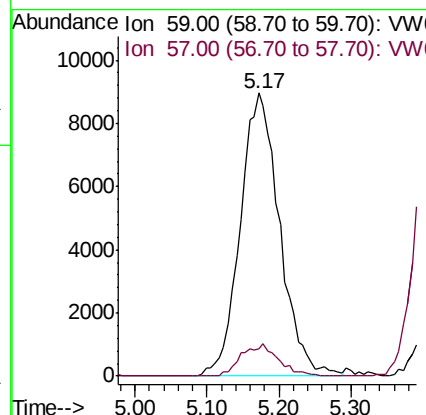
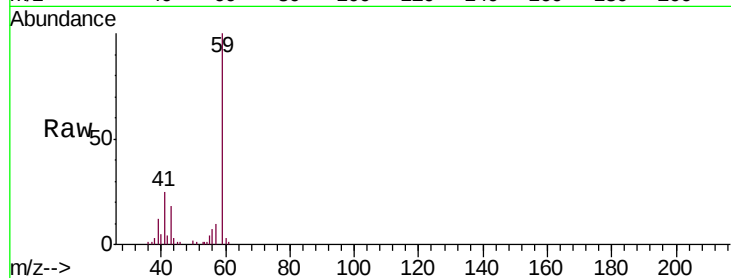


#11

Tert butyl alcohol
 Concen: 194.881 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

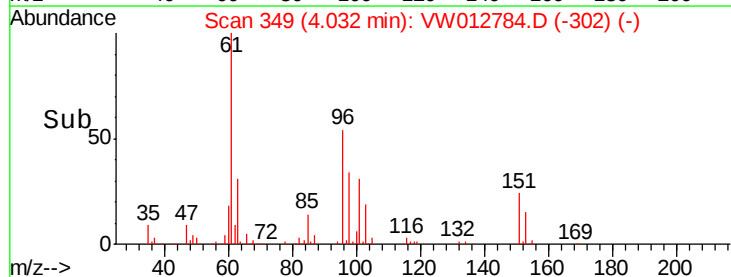
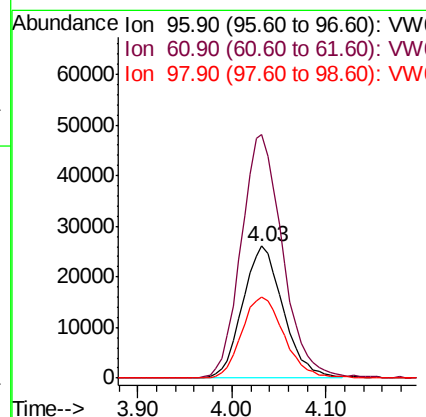
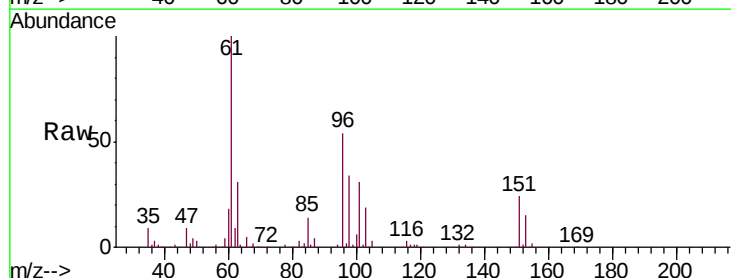
Tgt Ion: 59 Resp: 34018
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

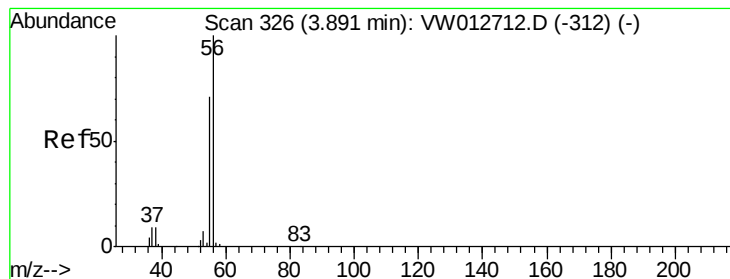


#12

1,1-Dichloroethene
 Concen: 46.557 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 96 Resp: 78507
 Ion Ratio Lower Upper
 96 100
 61 184.5 147.8 221.6
 98 62.0 47.9 71.9





#13

Acrolein

Concen: 131.576 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

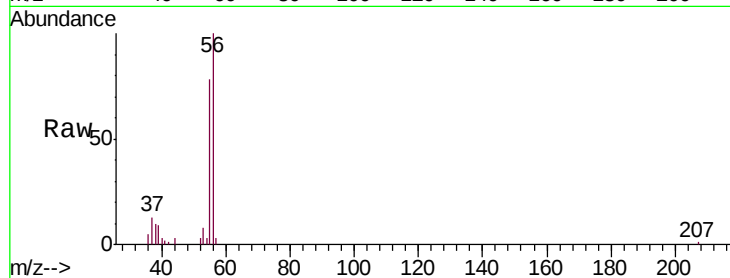
VSTDCCC050EC

Tgt Ion: 56 Resp: 24373

Ion Ratio Lower Upper

56 100

55 73.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

10000

8000

6000

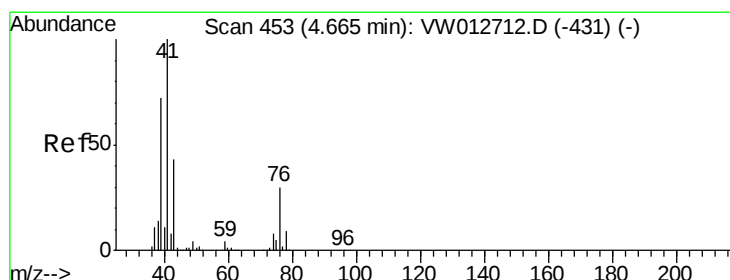
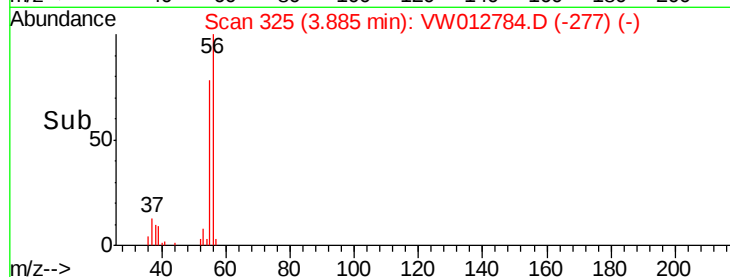
4000

2000

0

Time-->

3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 45.776 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

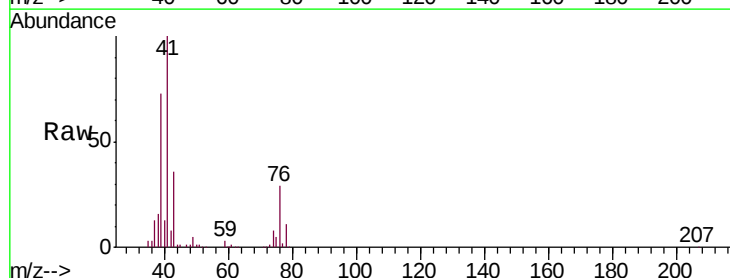
Tgt Ion: 41 Resp: 159679

Ion Ratio Lower Upper

41 100

39 72.5 55.0 82.6

76 29.9 23.0 34.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.65

60000

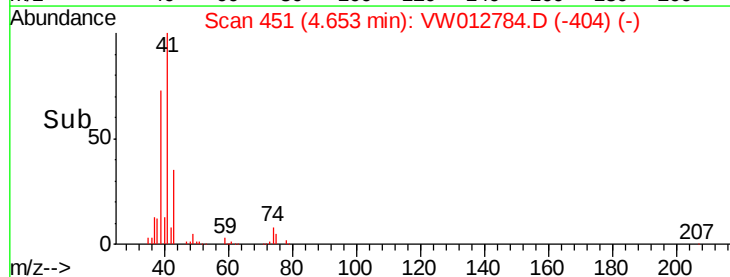
40000

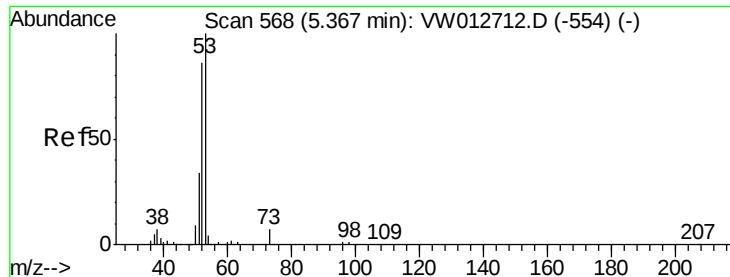
20000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 207.710 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

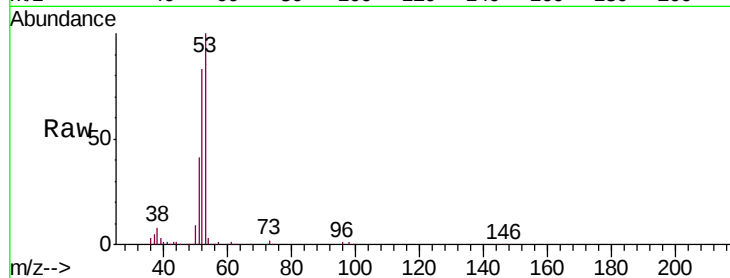
Tgt Ion: 53 Resp: 116065

Ion Ratio Lower Upper

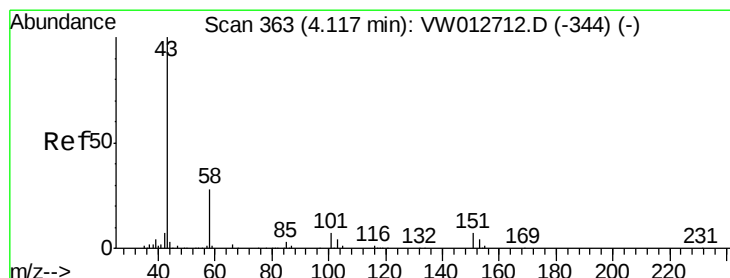
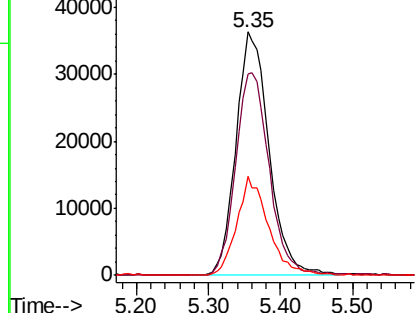
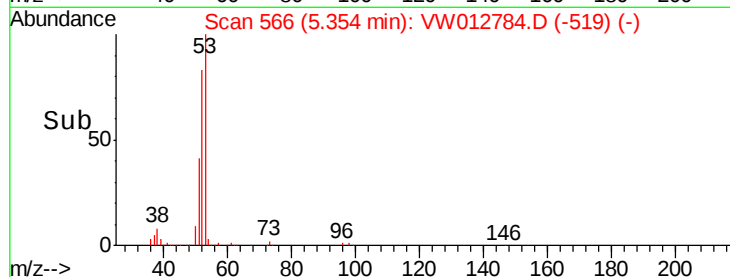
53 100

52 84.0 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: 176.622 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012784.D

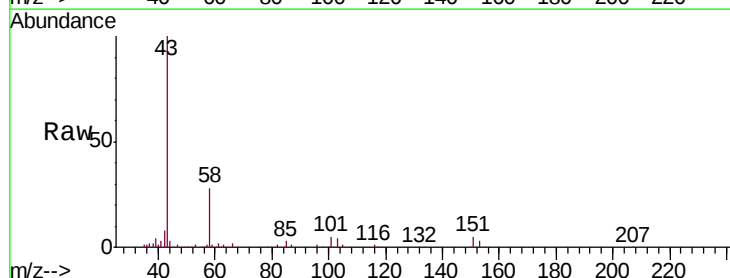
Acq: 08 Sep 2019 21:34

Tgt Ion: 43 Resp: 109855

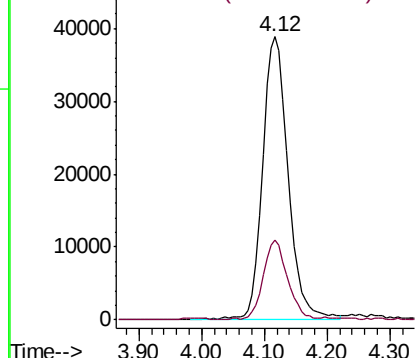
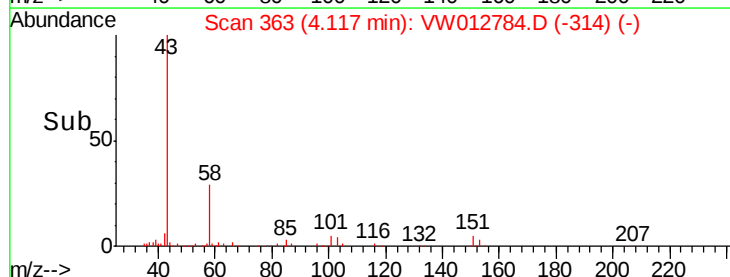
Ion Ratio Lower Upper

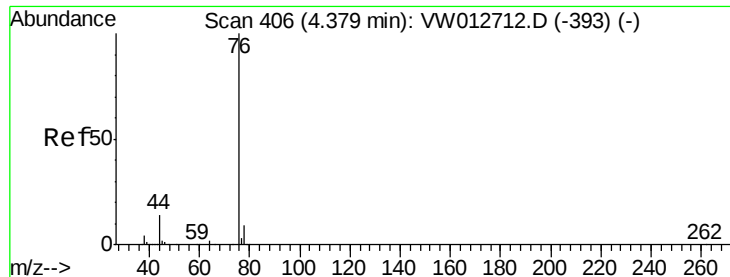
43 100

58 27.7 22.6 33.8



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

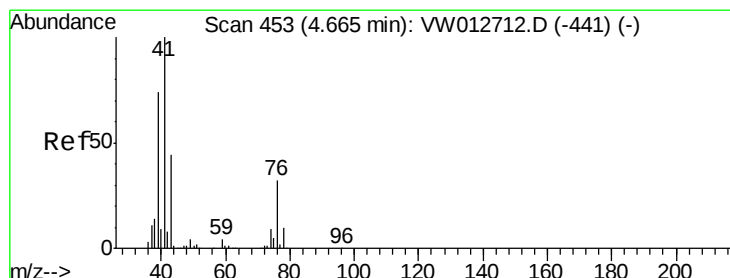
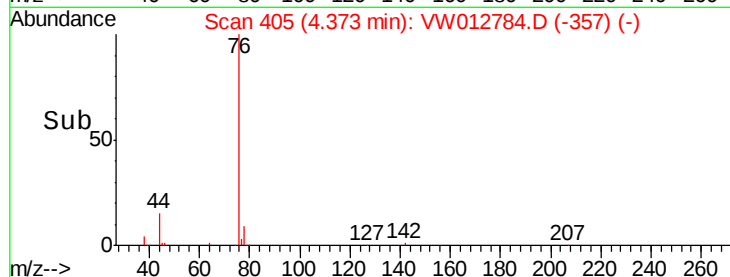
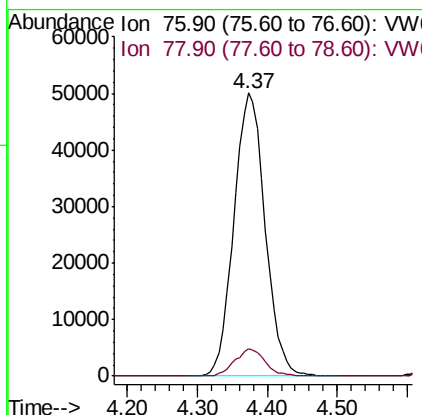
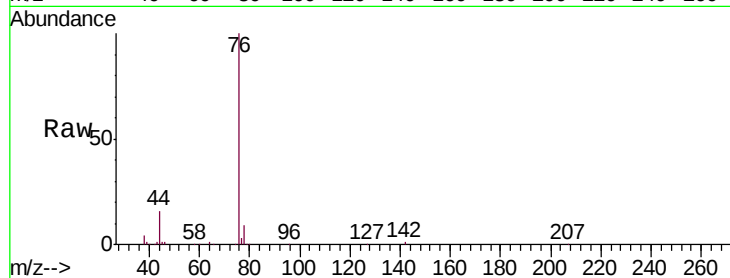




#17
Carbon Disulfide
Concen: 43.354 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

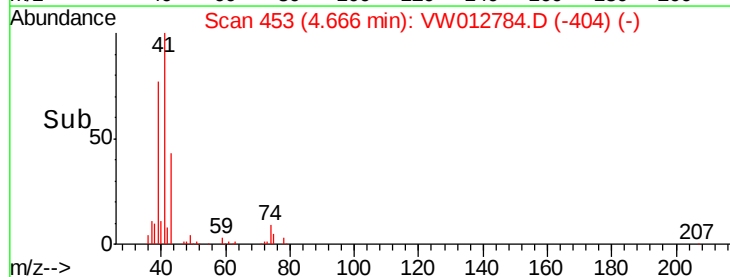
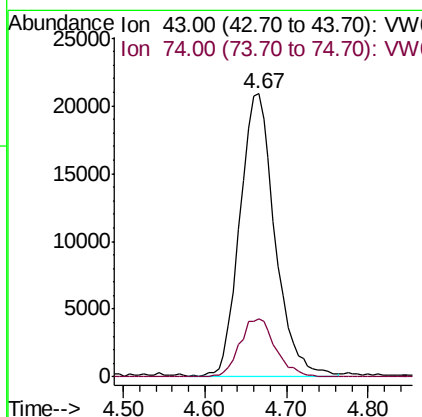
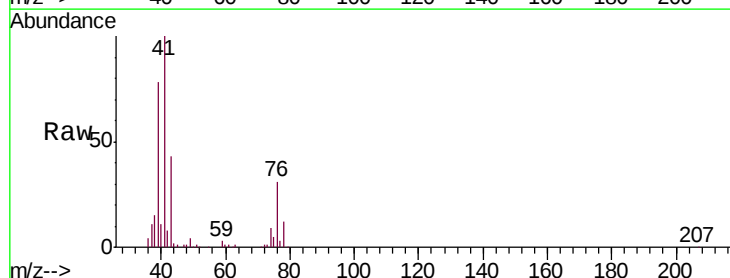
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

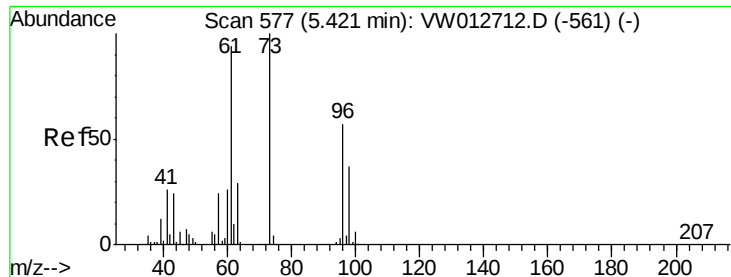
Tgt Ion: 76 Resp: 155177
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 43.028 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 43 Resp: 62789
Ion Ratio Lower Upper
43 100
74 20.8 15.8 23.6

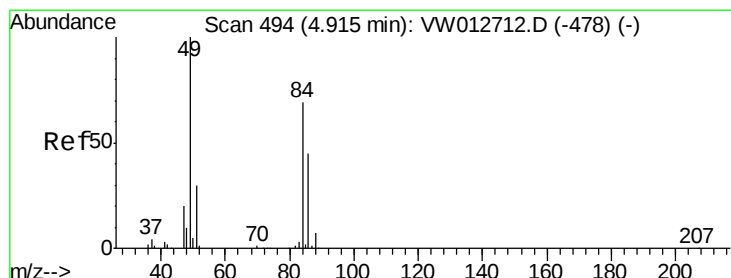
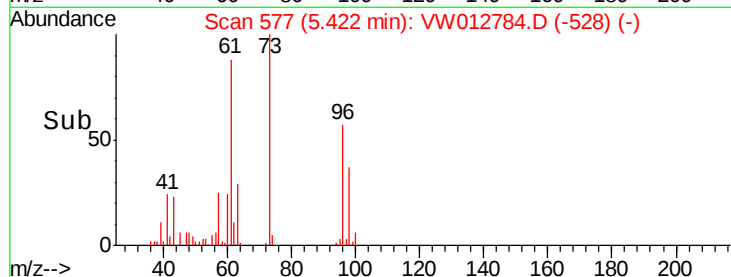
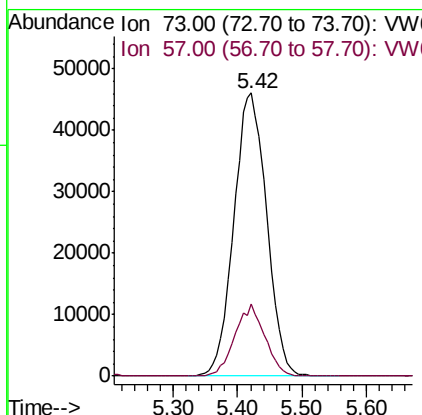
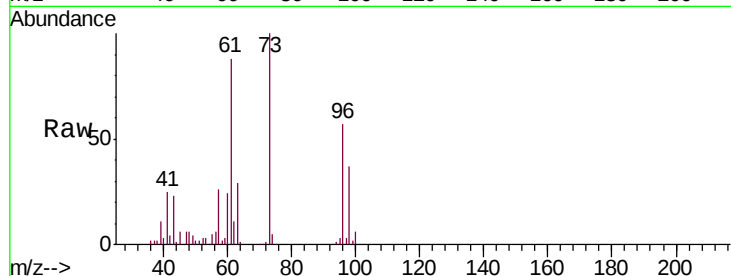




#19
Methyl tert-butyl Ether
Concen: 48.497 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

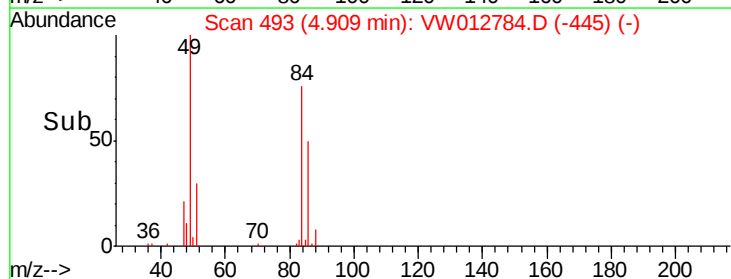
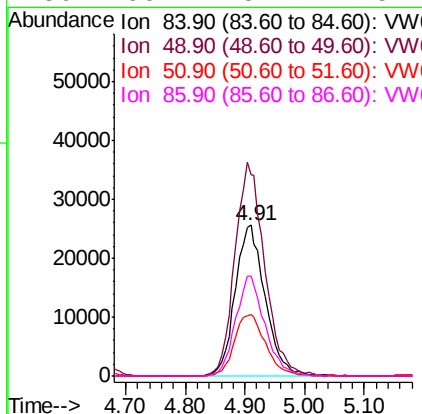
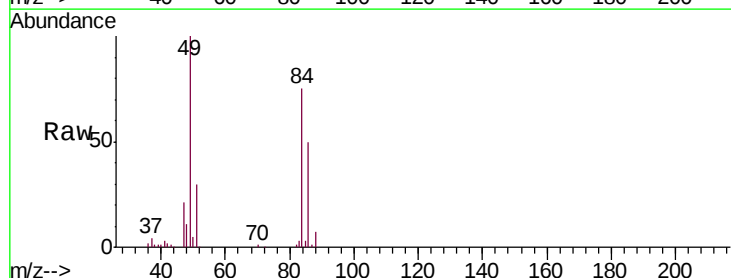
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

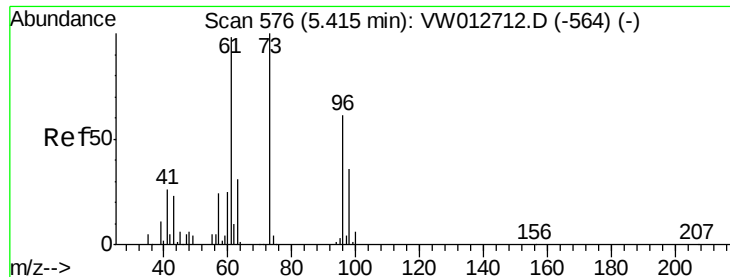
Tgt Ion: 73 Resp: 162184
Ion Ratio Lower Upper
73 100
57 25.6 19.2 28.8



#20
Methylene Chloride
Concen: 45.956 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 84 Resp: 89425
Ion Ratio Lower Upper
84 100
49 133.1 115.4 173.0
51 40.5 34.9 52.3
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.453 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

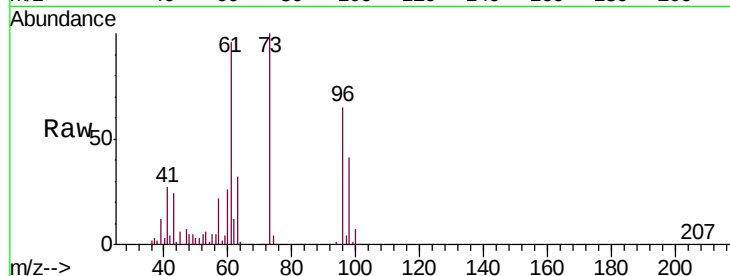
Tgt Ion: 96 Resp: 86809

Ion Ratio Lower Upper

96 100

61 148.2 129.2 193.8

98 62.4 48.0 72.0

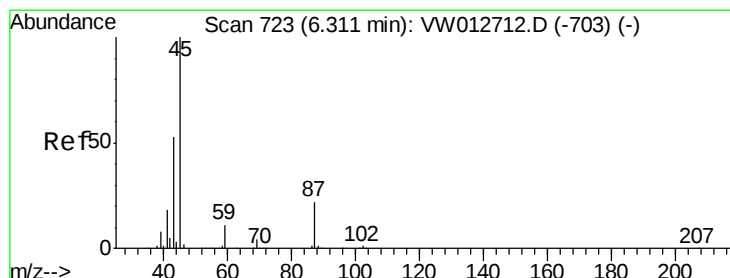
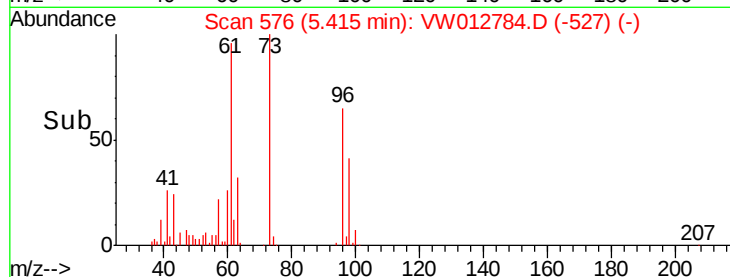
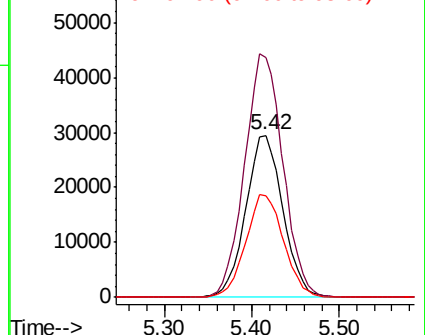


Abundance

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: 49.161 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Tgt Ion: 45 Resp: 340120

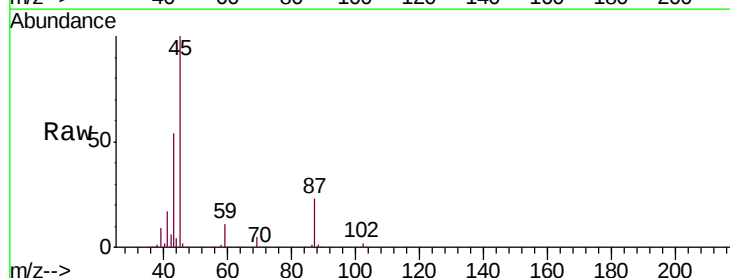
Ion Ratio Lower Upper

45 100

43 54.2 42.3 63.5

87 23.3 18.2 27.2

59 10.7 8.5 12.7



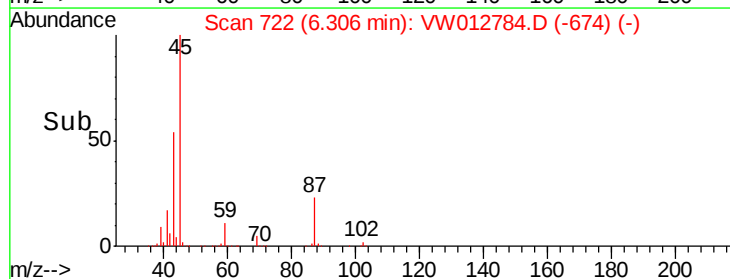
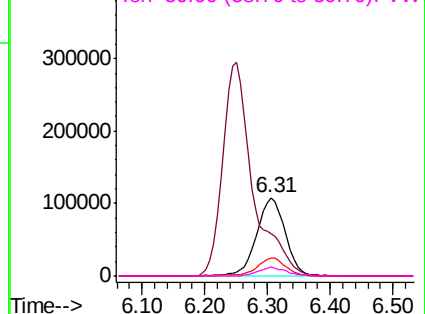
Abundance

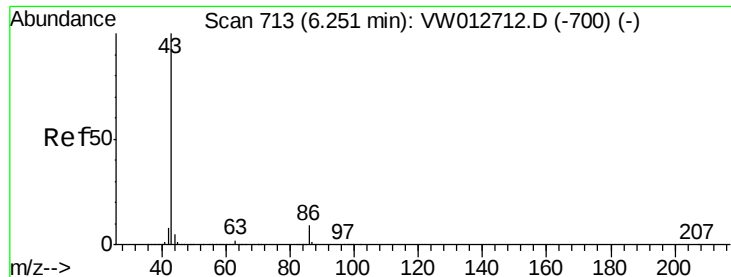
Ion 45.00 (44.70 to 45.70): VW

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: 224.384 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

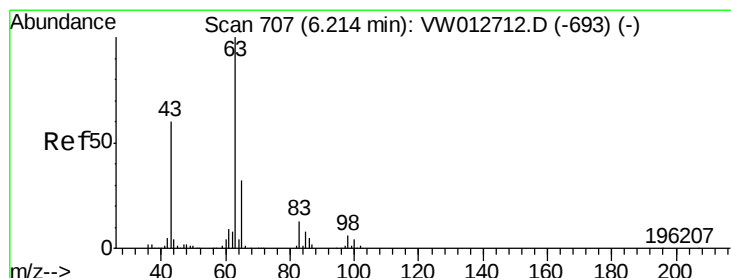
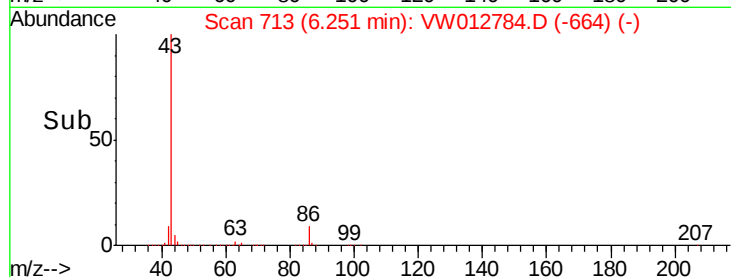
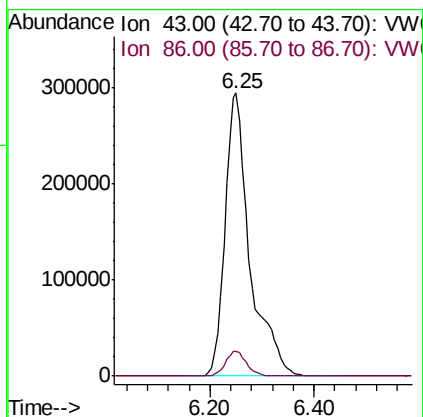
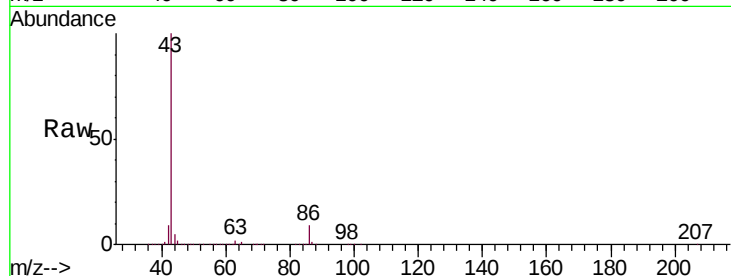
VSTDCCC050EC

Tgt Ion: 43 Resp: 983825

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



#24

1,1-Dichloroethane

Concen: 51.070 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

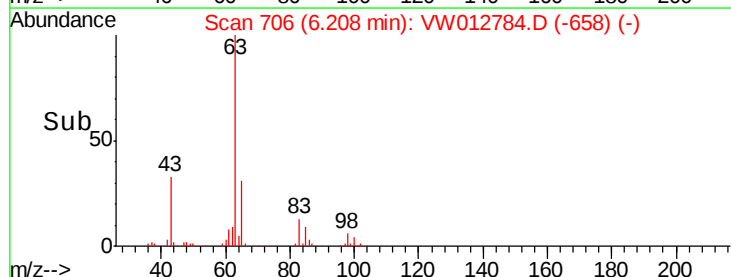
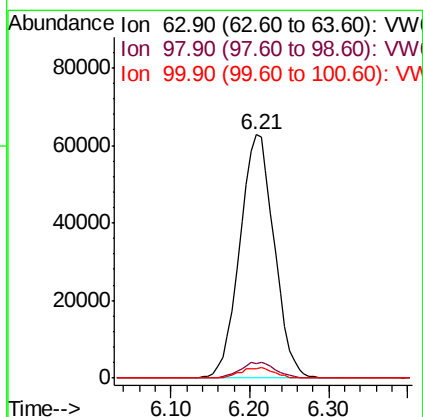
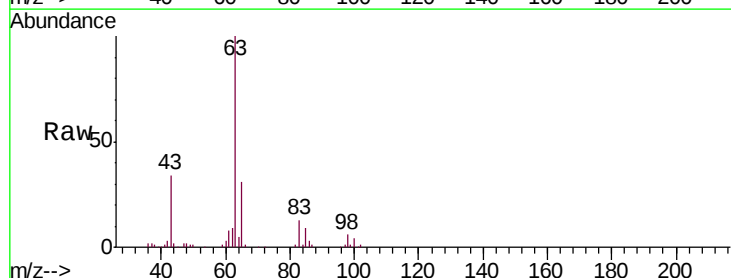
Tgt Ion: 63 Resp: 190245

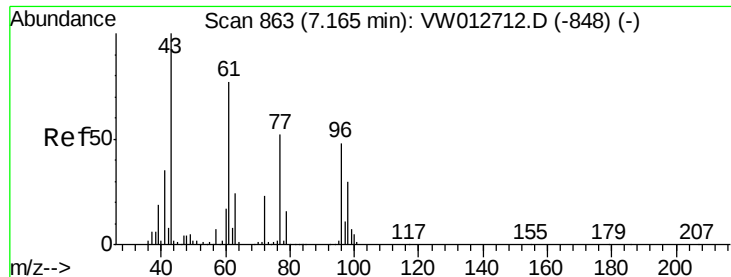
Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.3

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 182.724 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

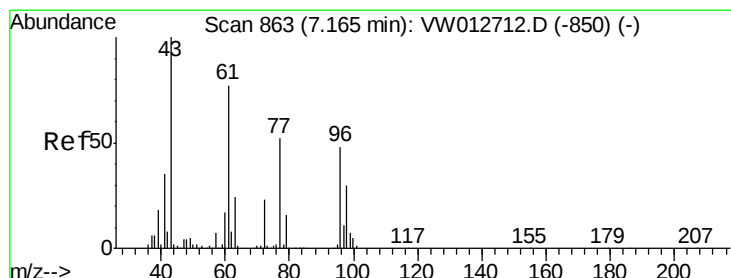
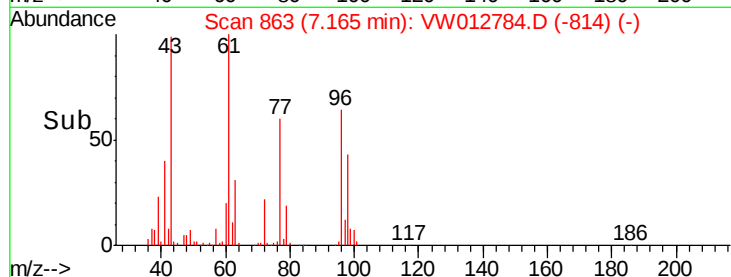
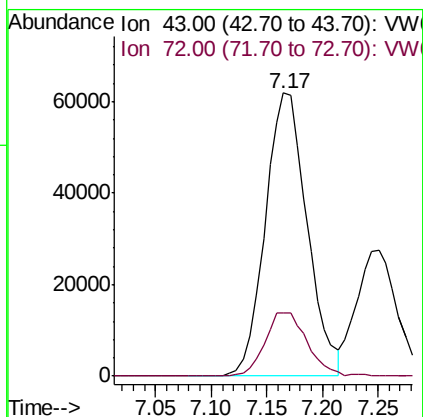
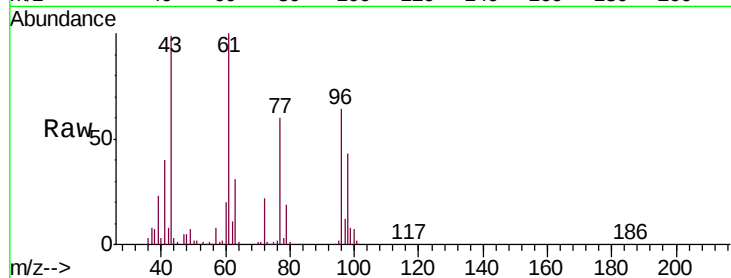
VSTDCCC050EC

Tgt Ion: 43 Resp: 162076

Ion Ratio Lower Upper

43 100

72 22.5 18.0 27.0



#26

2,2-Dichloropropane

Concen: 46.987 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012784.D

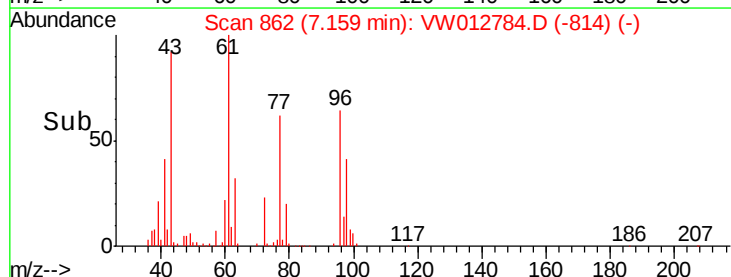
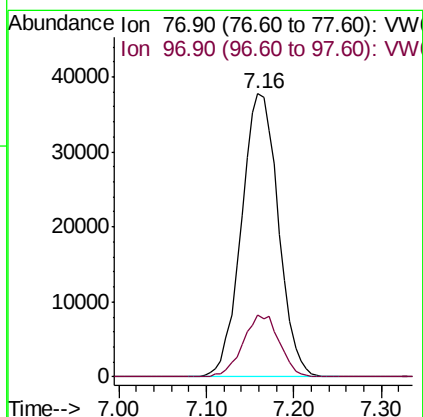
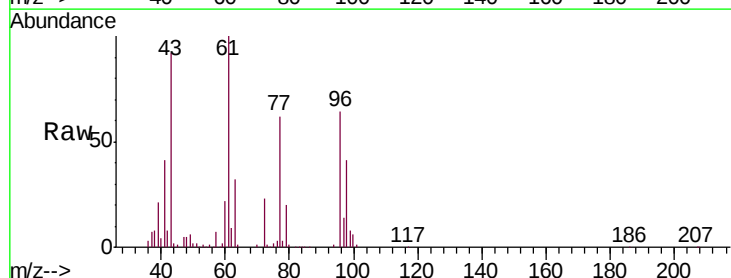
Acq: 08 Sep 2019 21:34

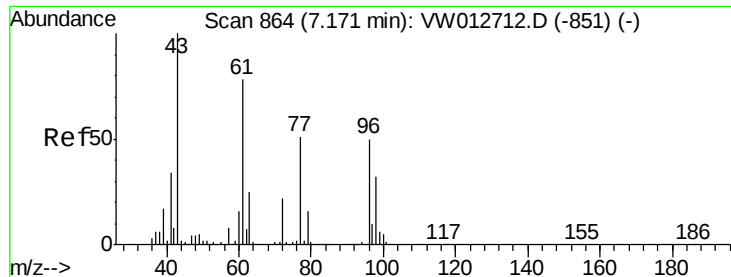
Tgt Ion: 77 Resp: 110551

Ion Ratio Lower Upper

77 100

97 21.6 10.7 32.1



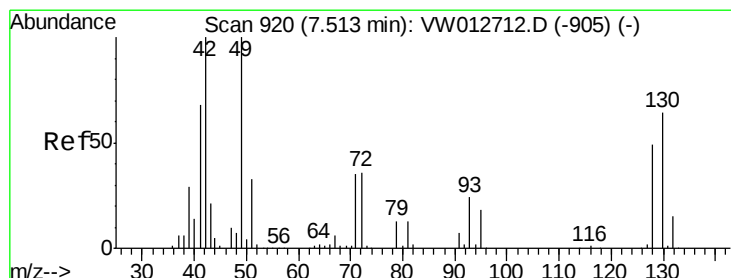
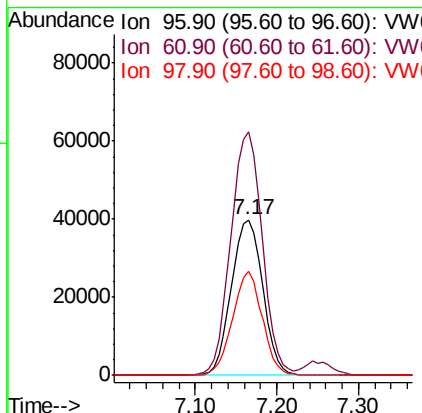
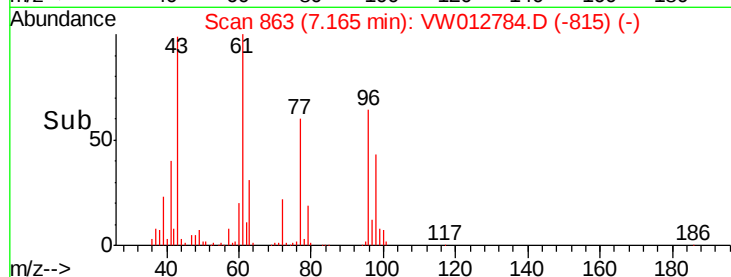
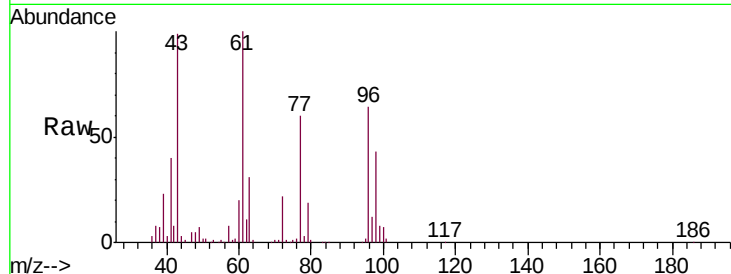


#27

cis-1,2-Dichloroethene
 Concen: 53.208 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

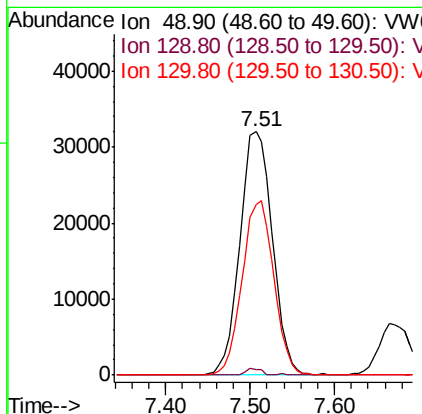
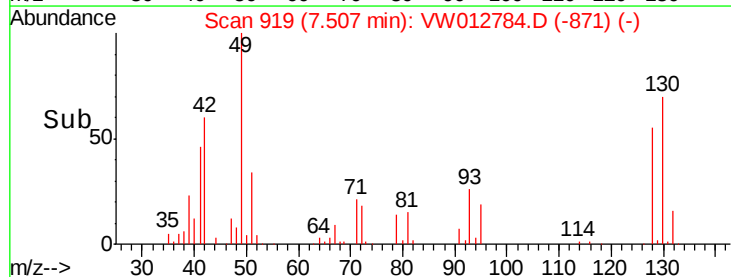
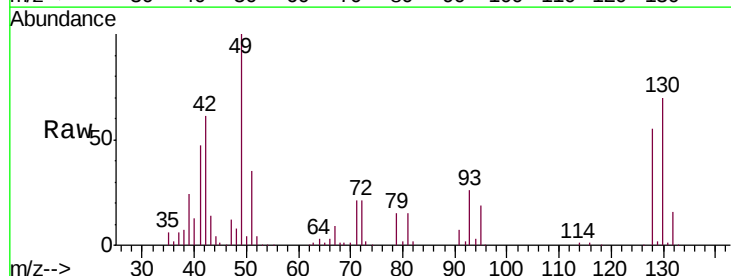
Tgt Ion: 96 Resp: 106150
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 325.8
 98 62.9 0.0 127.0

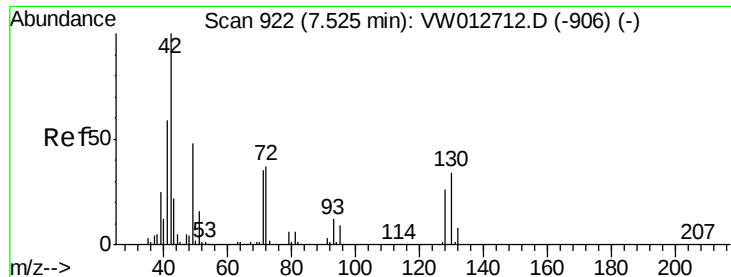


#28

Bromochloromethane
 Concen: 48.722 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 49 Resp: 83340
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 0.8#
 130 69.9 49.8 74.8

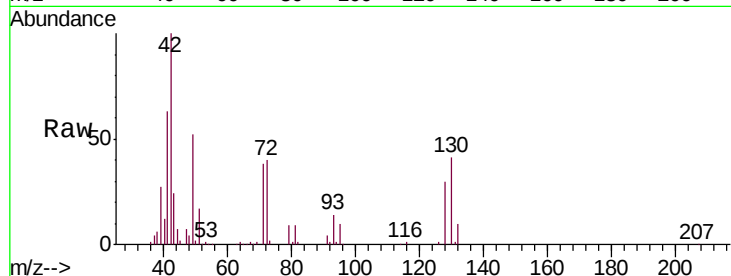




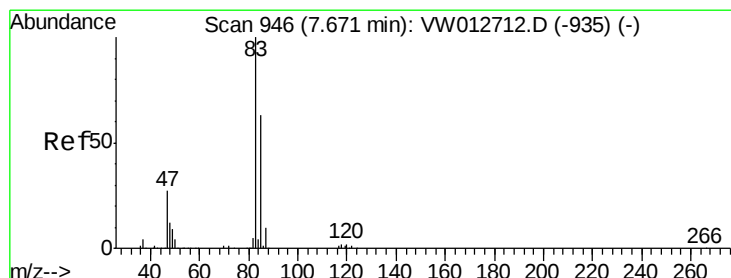
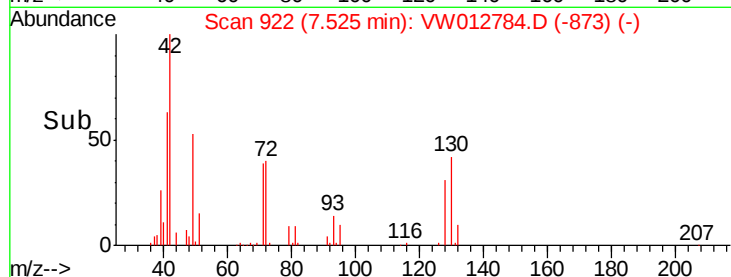
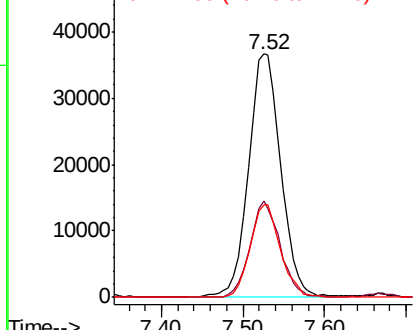
#29
Tetrahydrofuran
Concen: 201.641 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 101279
Ion Ratio Lower Upper
42 100
72 36.8 28.4 42.6
71 35.9 27.1 40.7

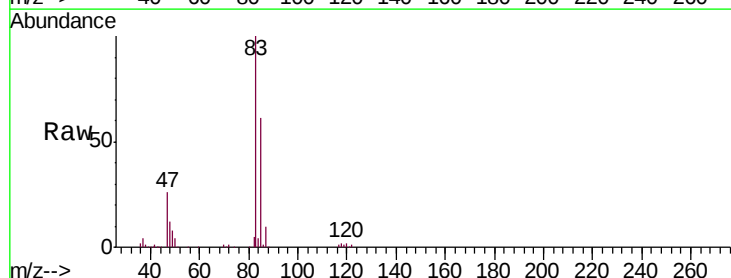


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

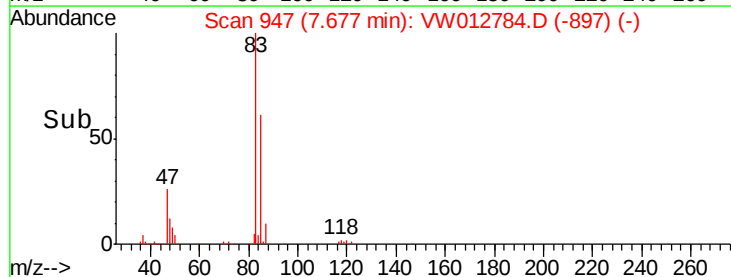
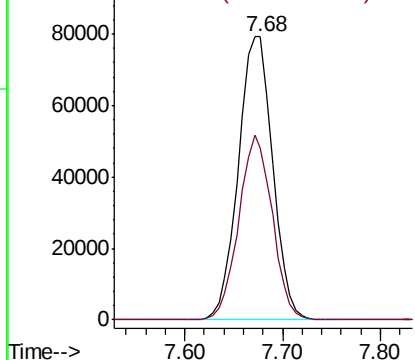


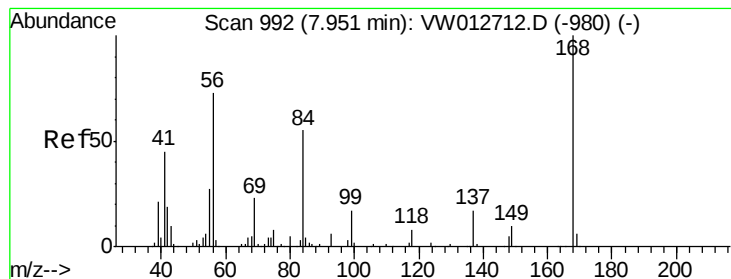
#30
Chloroform
Concen: 52.484 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 83 Resp: 193764
Ion Ratio Lower Upper
83 100
85 61.0 50.6 76.0



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





#31

Cyclohexane

Concen: 43.806 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

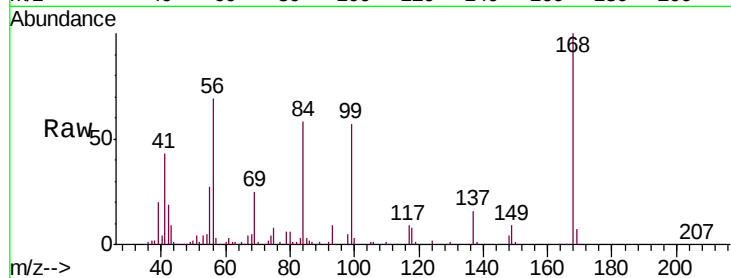
Tgt Ion: 56 Resp: 146912

Ion Ratio Lower Upper

56 100

69 35.9 25.7 38.5

84 82.3 60.4 90.6

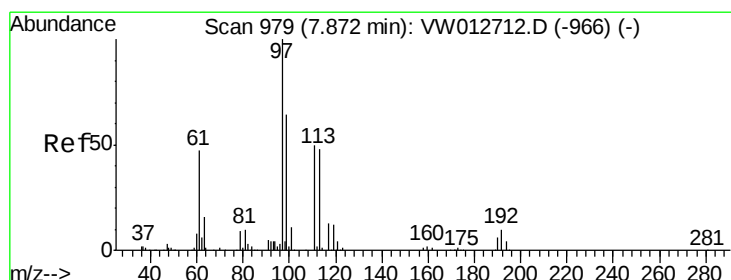
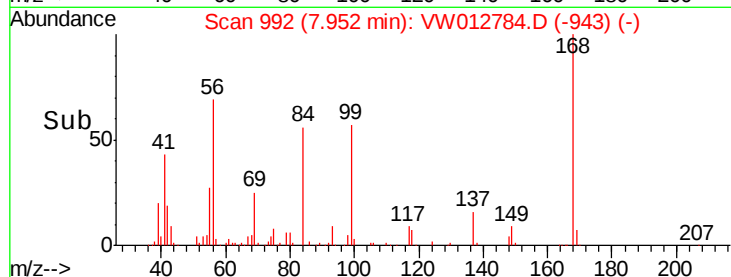
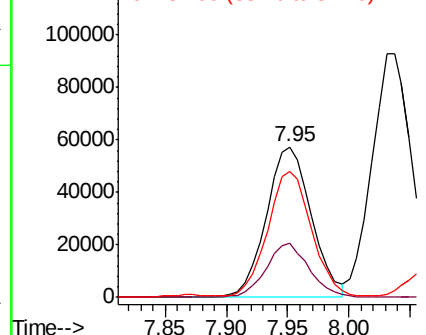


Abundance

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: 52.534 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

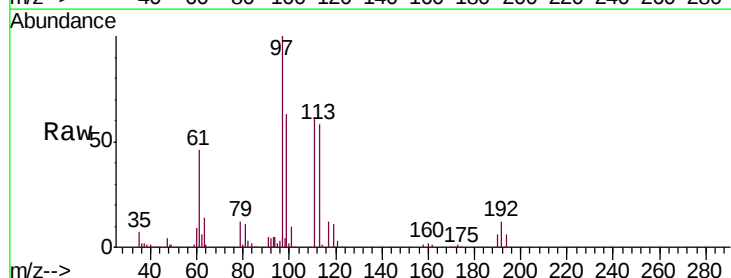
Tgt Ion: 97 Resp: 157215

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 47.1 37.9 56.9

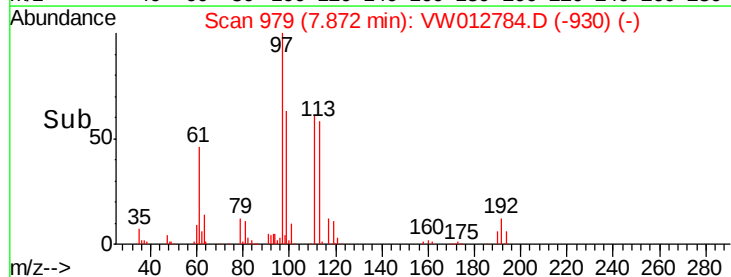
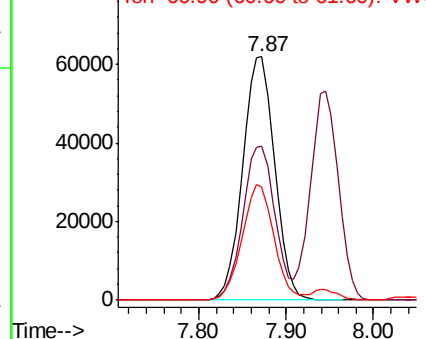


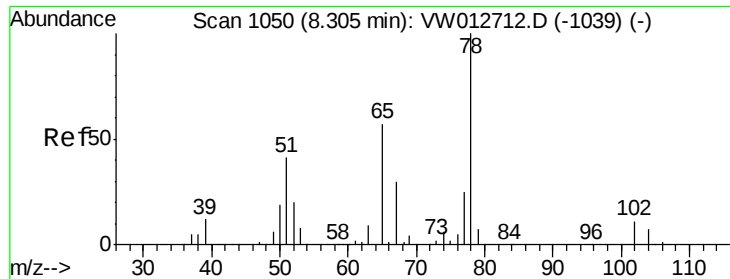
Abundance

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

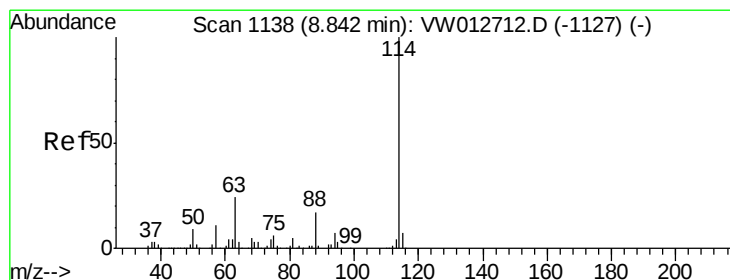
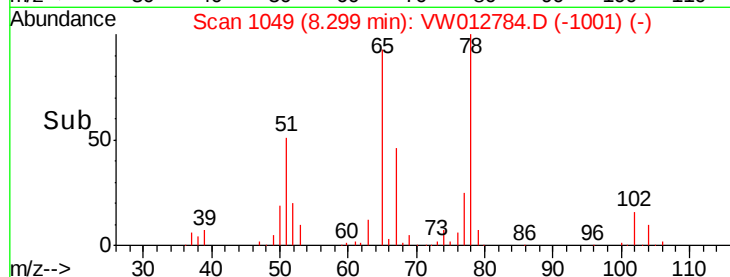
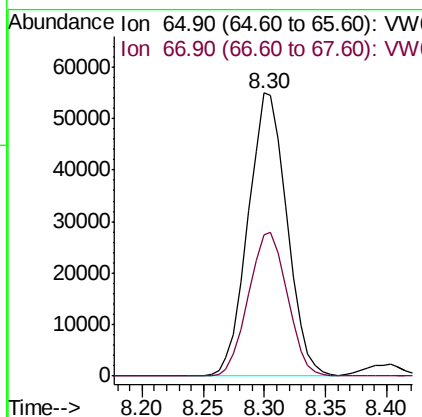
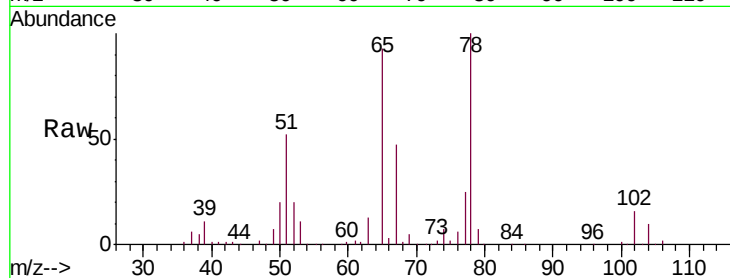




#33
 1,2-Dichloroethane-d4
 Concen: 53.212 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

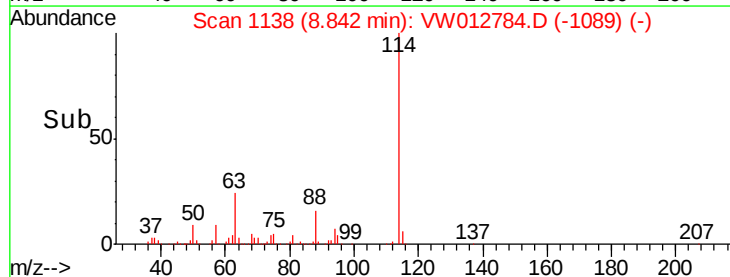
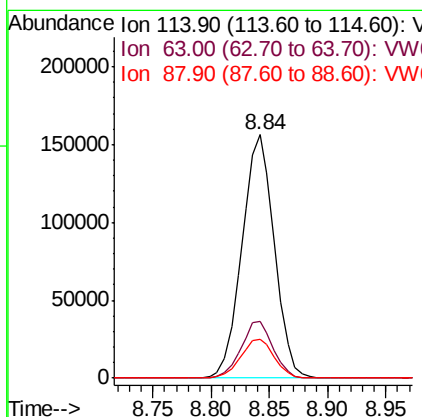
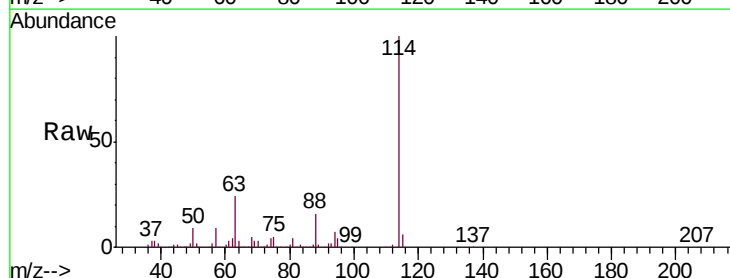
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

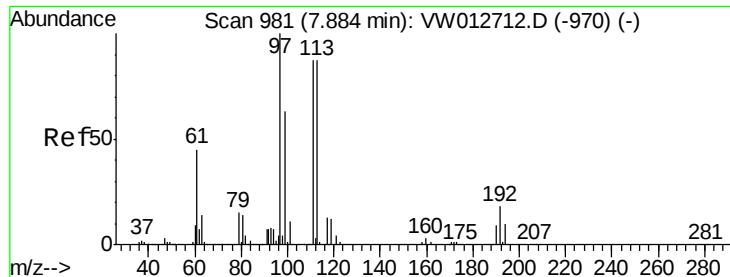
Tgt Ion: 65 Resp: 121402
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 114 Resp: 302139
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.0 0.0 34.0

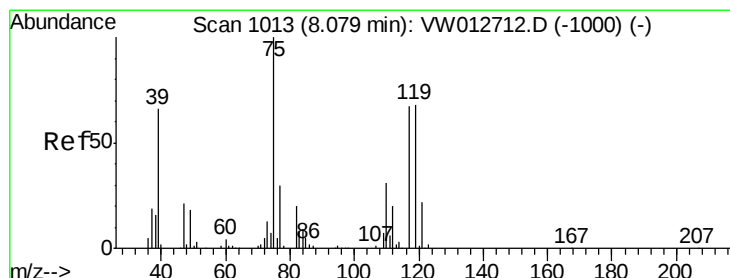
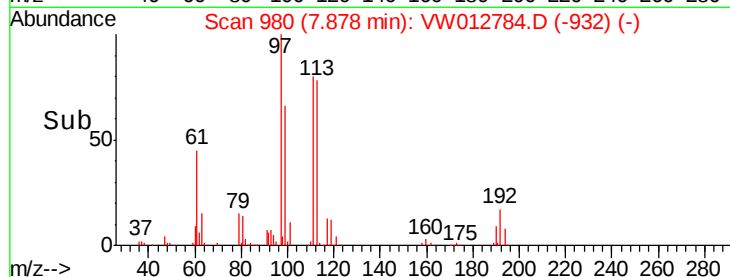
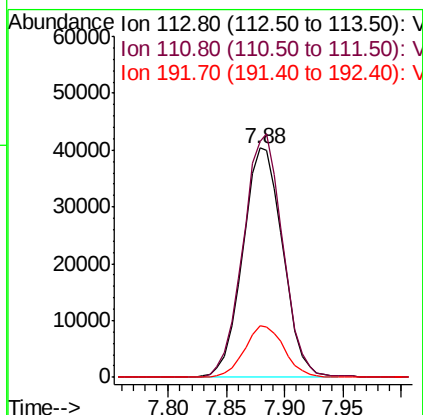
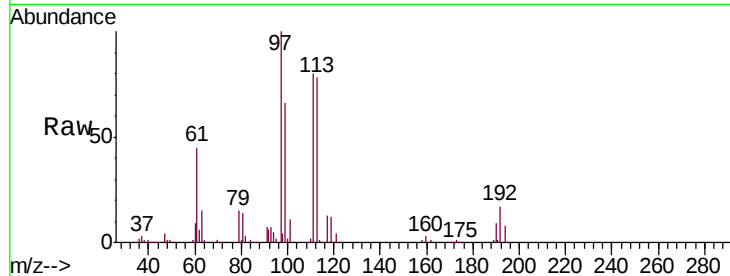




#35
 Dibromofluoromethane
 Concen: 53.919 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

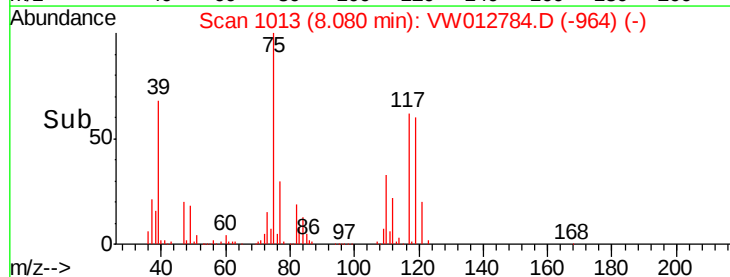
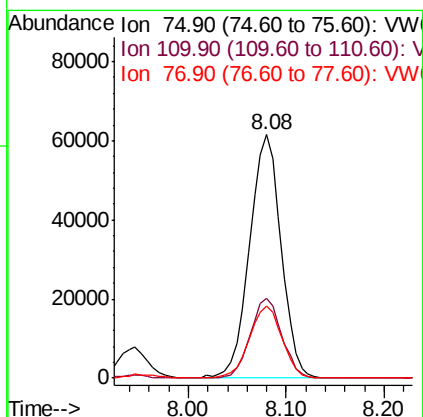
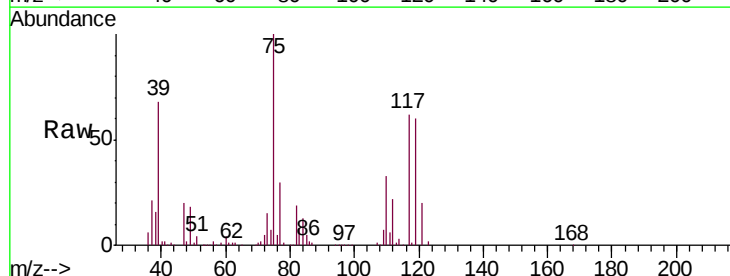
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

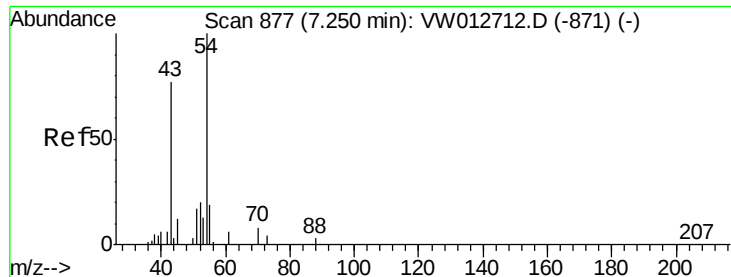
Tgt Ion: 113 Resp: 96854
 Ion Ratio Lower Upper
 113 100
 111 105.3 80.2 120.4
 192 22.2 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 51.161 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 75 Resp: 137346
 Ion Ratio Lower Upper
 75 100
 110 32.8 15.9 47.7
 77 30.7 25.0 37.4

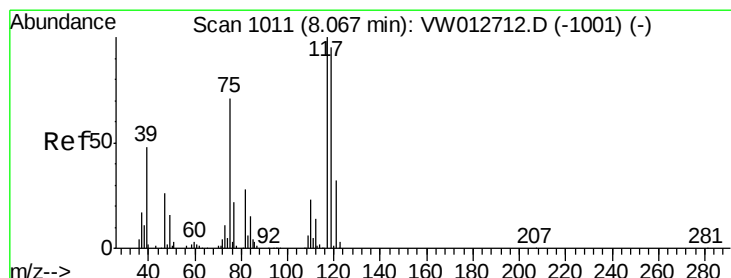
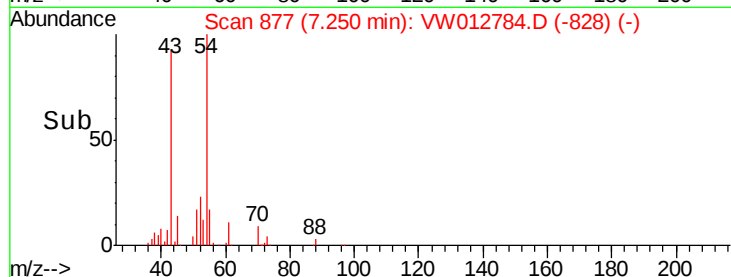
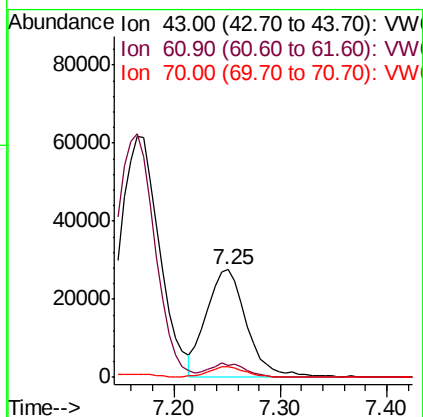
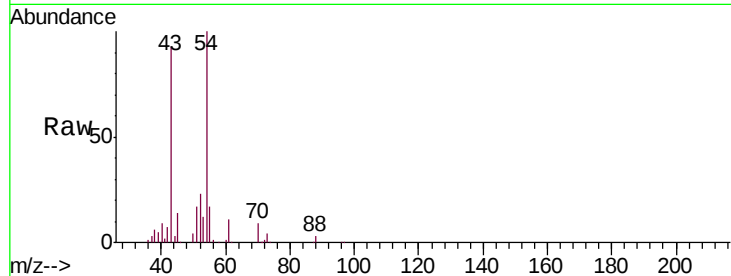




#37
 Ethyl Acetate
 Concen: 41.759 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

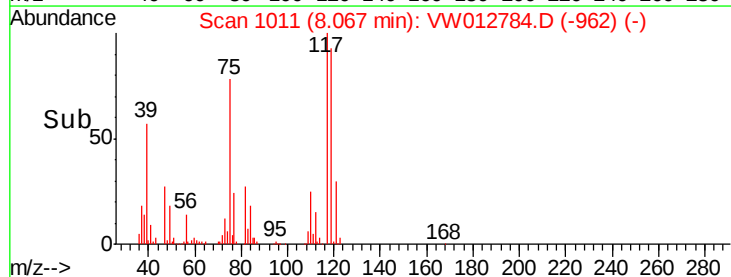
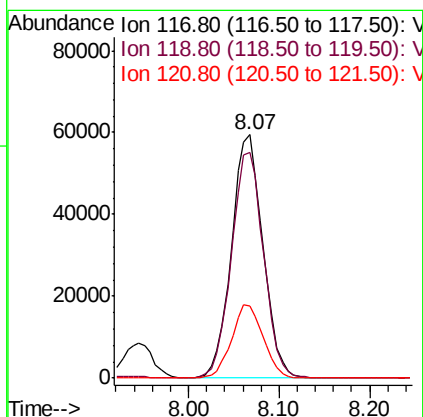
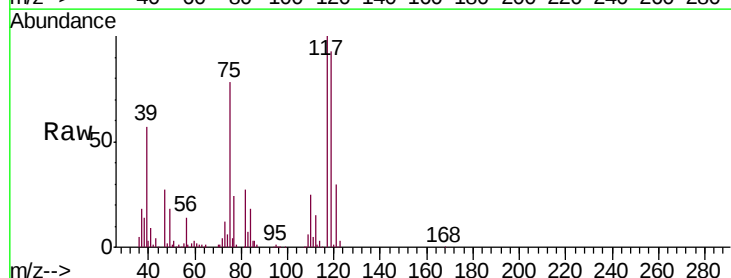
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

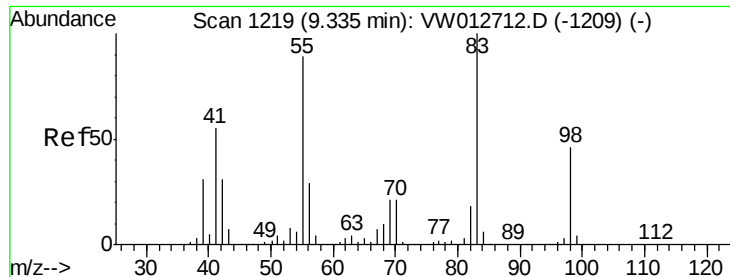
Tgt Ion: 43 Resp: 71464
 Ion Ratio Lower Upper
 43 100
 61 12.0 9.5 14.3
 70 9.4 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 54.276 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 117 Resp: 143633
 Ion Ratio Lower Upper
 117 100
 119 92.7 76.2 114.2
 121 29.8 25.4 38.2

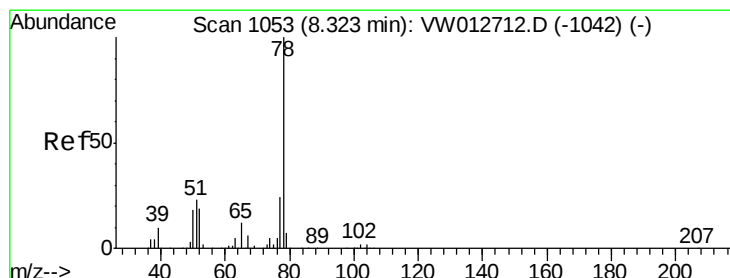
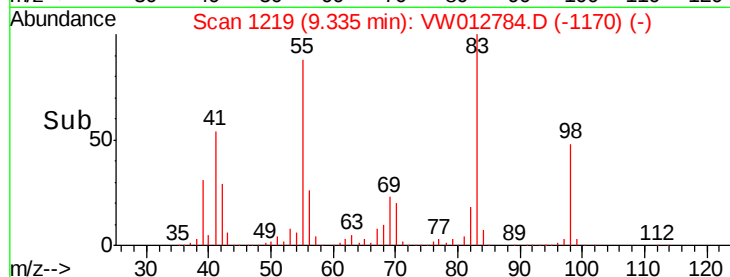
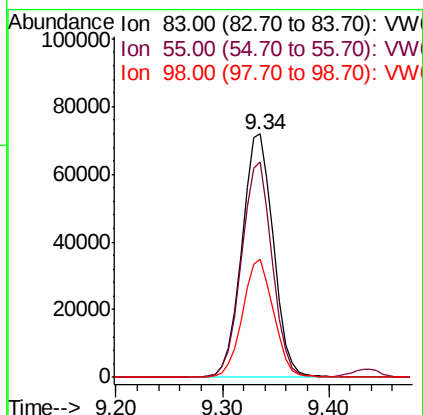
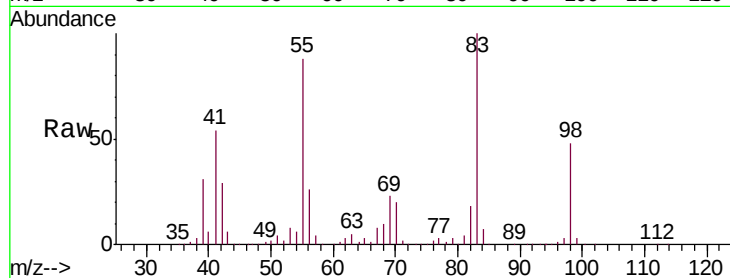




#39
Methylcyclohexane
Concen: 49.575 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

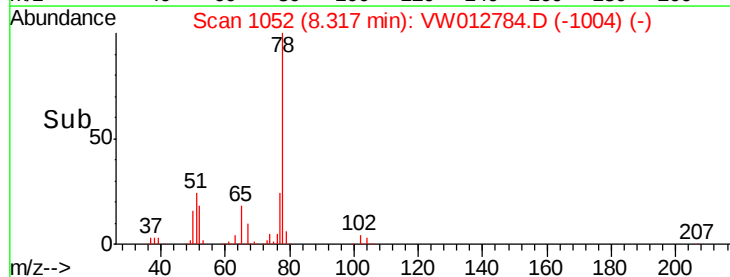
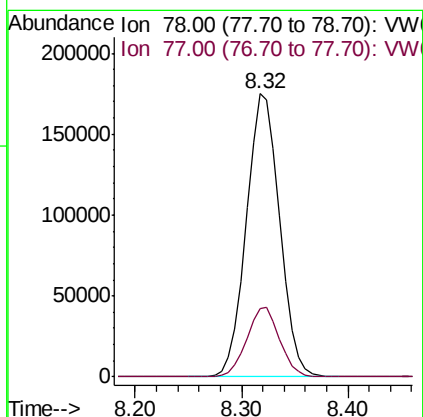
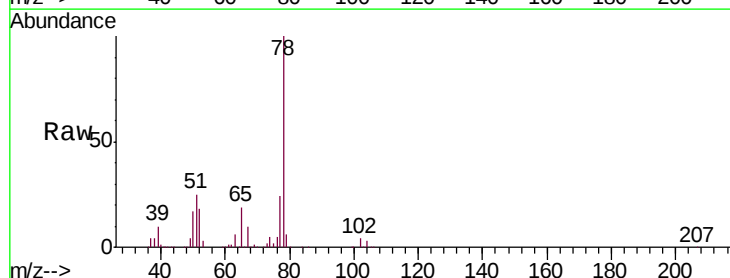
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

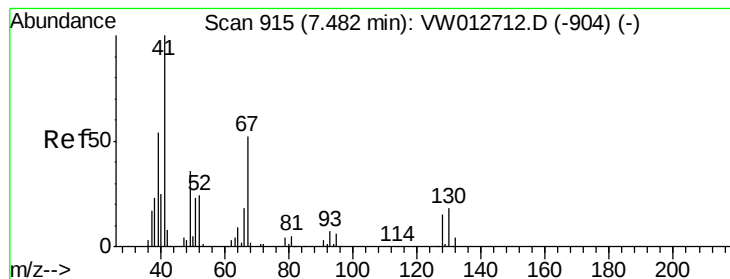
Tgt Ion: 83 Resp: 149477
Ion Ratio Lower Upper
83 100
55 88.3 71.0 106.4
98 48.4 36.9 55.3



#40
Benzene
Concen: 51.634 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 78 Resp: 384593
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9





#41

Methacrylonitrile

Concen: 41.407 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 47339

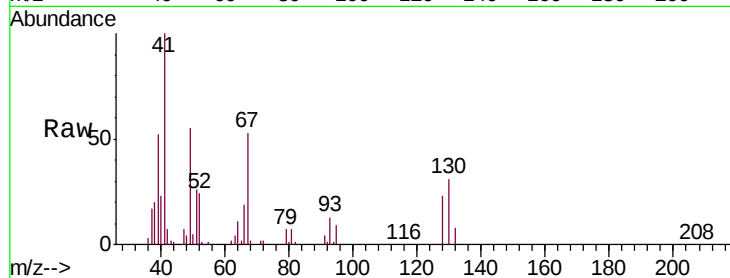
Ion Ratio Lower Upper

41 100

39 55.0 47.5 71.3

67 58.7 45.1 67.7

52 26.9 20.2 30.2

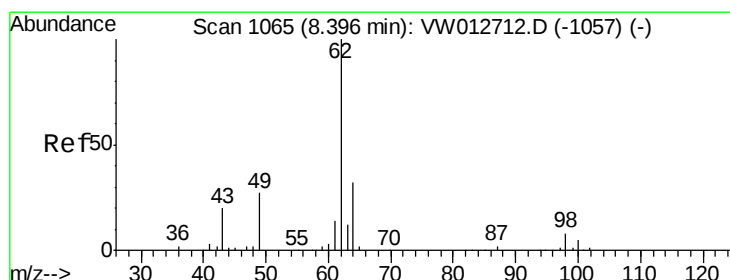
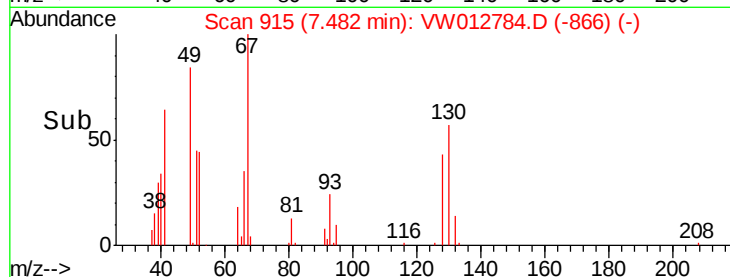
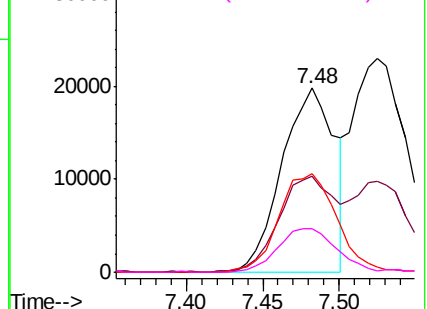


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 51.156 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012784.D

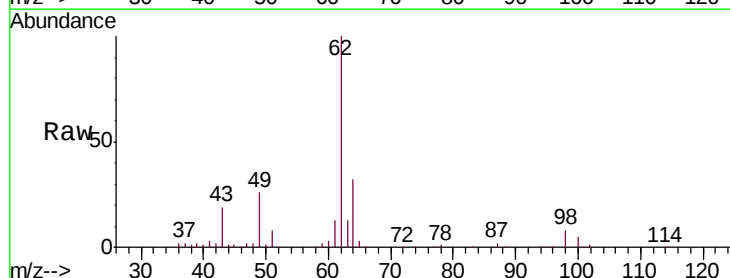
Acq: 08 Sep 2019 21:34

Tgt Ion: 62 Resp: 134098

Ion Ratio Lower Upper

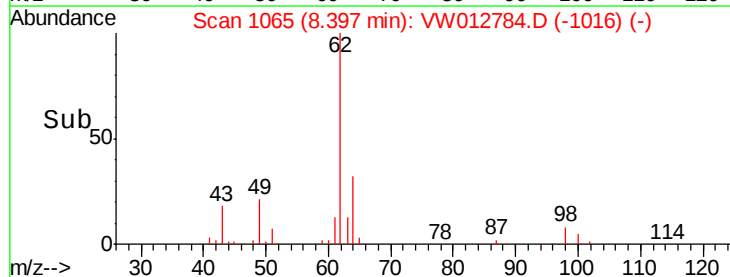
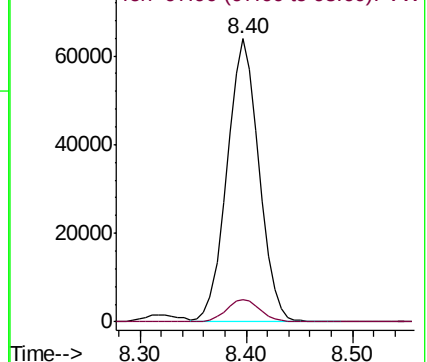
62 100

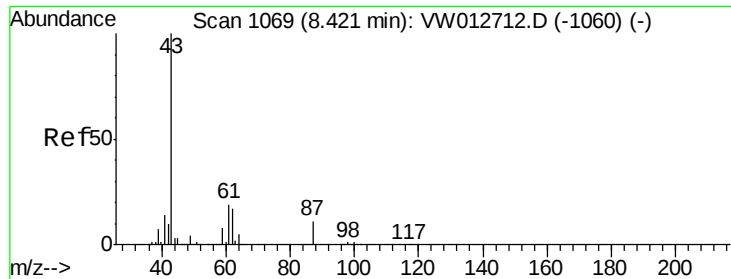
98 8.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

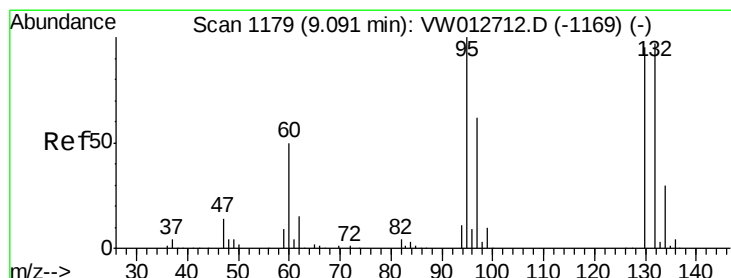
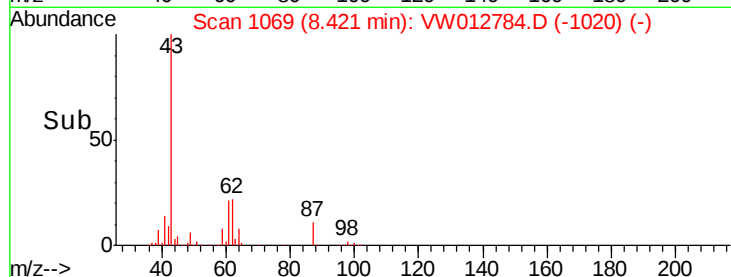
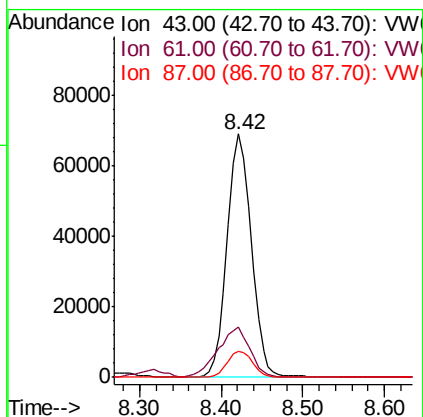
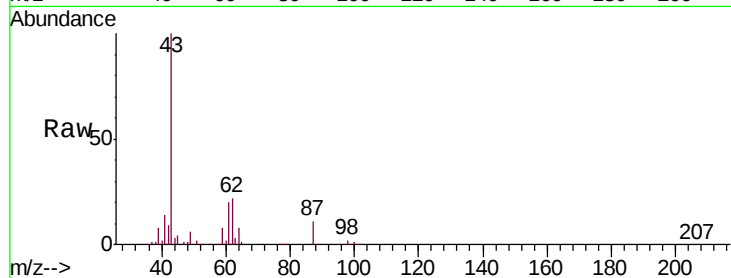




#43
Isopropyl Acetate
Concen: 43.866 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

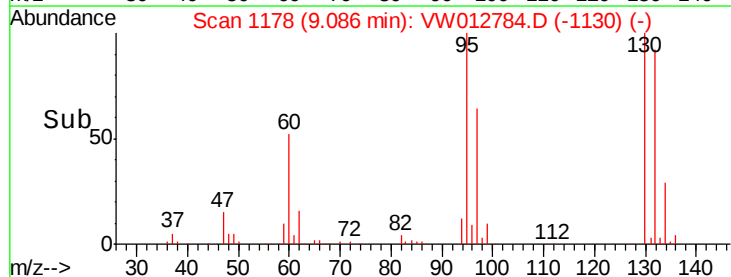
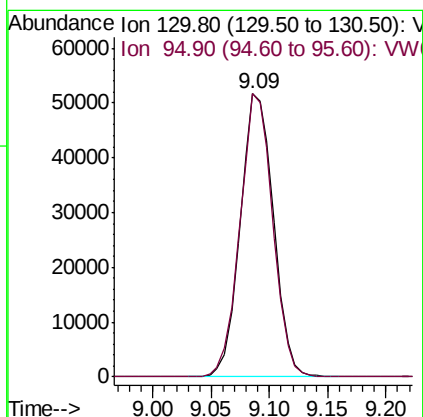
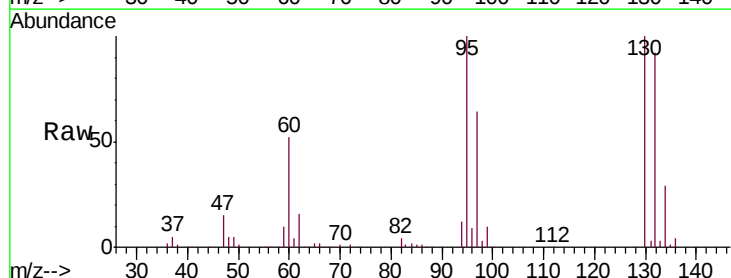
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

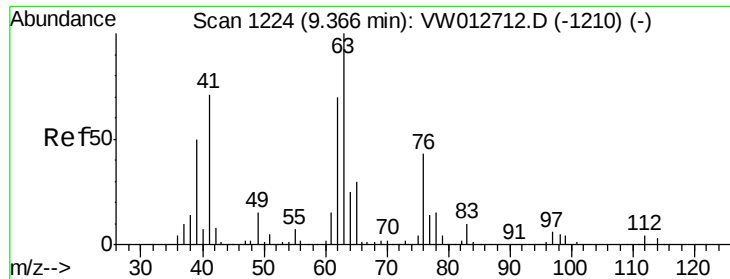
Tgt Ion: 43 Resp: 142224
Ion Ratio Lower Upper
43 100
61 27.1 20.6 30.8
87 11.1 8.6 13.0



#44
Trichloroethene
Concen: 53.581 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 130 Resp: 102875
Ion Ratio Lower Upper
130 100
95 99.9 0.0 210.6





#45

1,2-Dichloropropane

Concen: 49.648 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

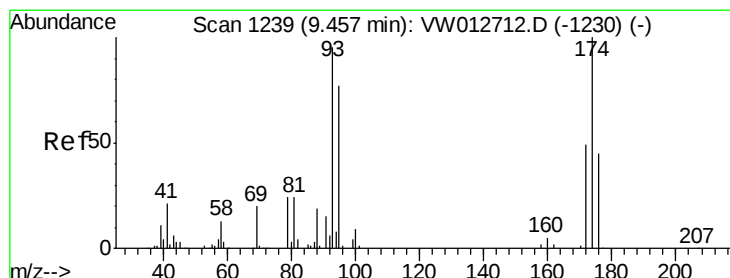
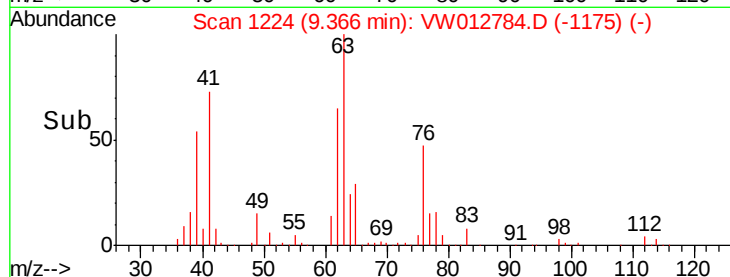
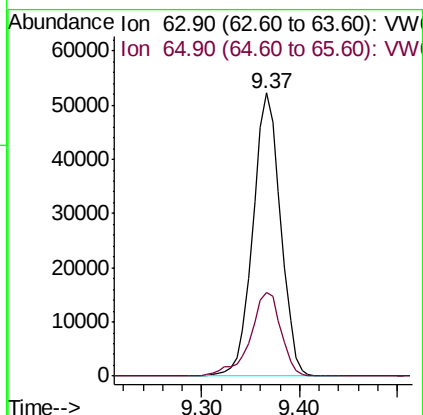
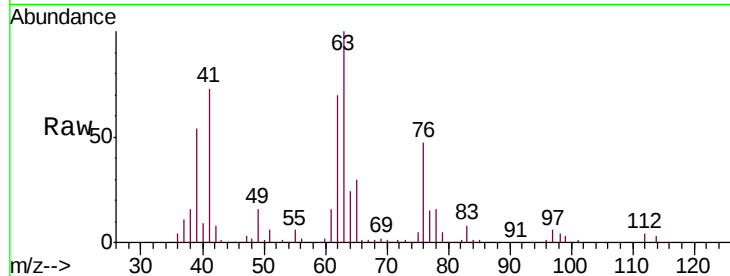
VSTDCCC050EC

Tgt Ion: 63 Resp: 102564

Ion Ratio Lower Upper

63 100

65 29.5 23.8 35.8



#46

Dibromomethane

Concen: 50.038 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

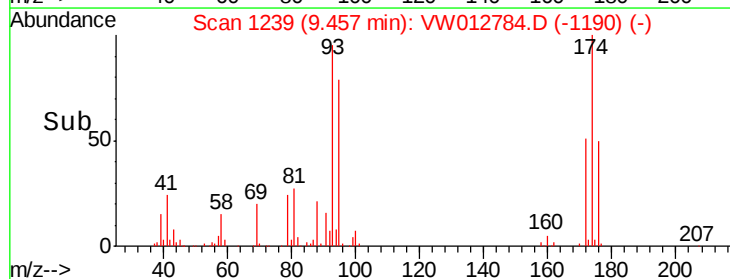
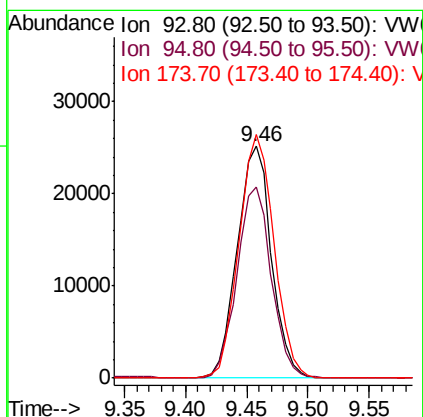
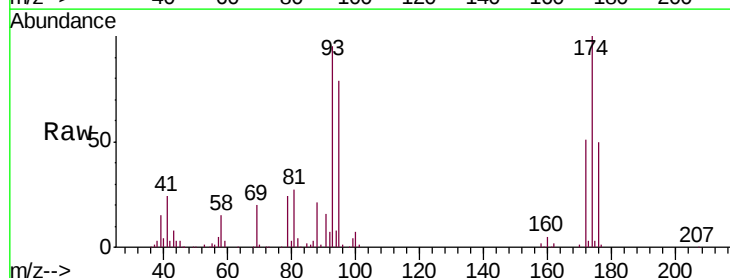
Tgt Ion: 93 Resp: 48950

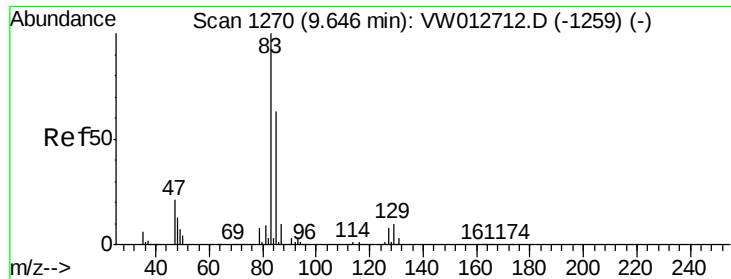
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 107.5 84.2 126.4

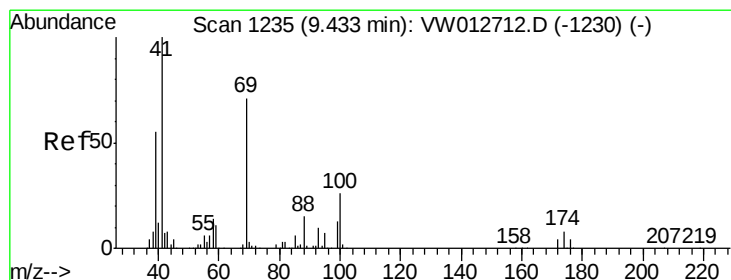
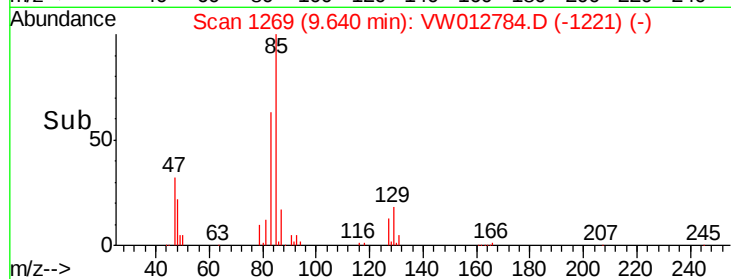
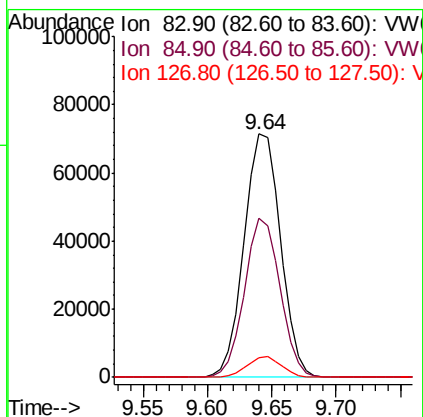
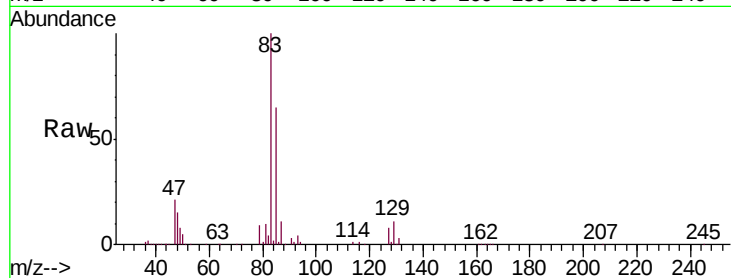




#47
 Bromodichloromethane
 Concen: 52.076 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

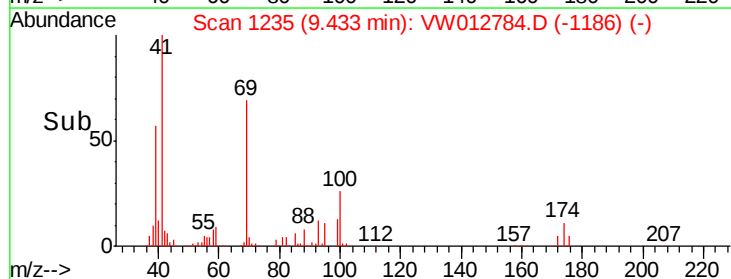
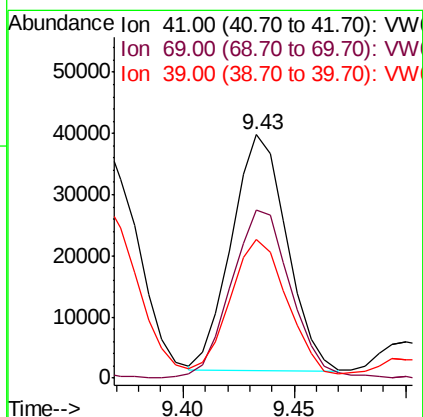
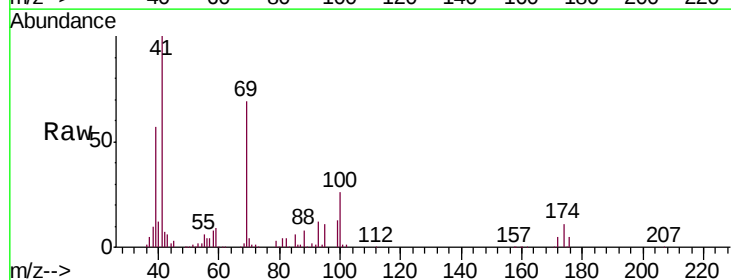
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

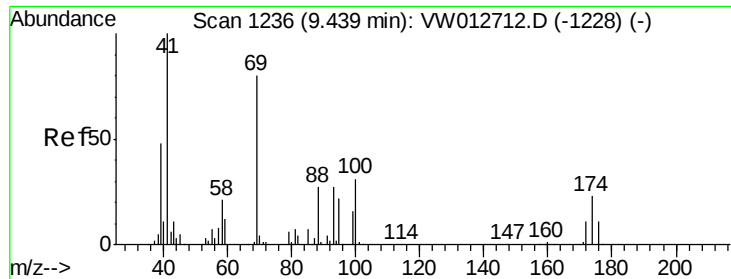
Tgt Ion: 83 Resp: 140158
 Ion Ratio Lower Upper
 83 100
 85 65.4 50.2 75.2
 127 8.2 6.6 9.8



#48
 Methyl methacrylate
 Concen: 43.096 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 41 Resp: 66775
 Ion Ratio Lower Upper
 41 100
 69 77.4 59.8 89.8
 39 61.6 47.0 70.6

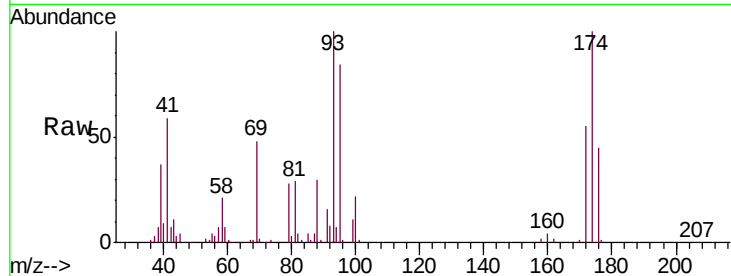




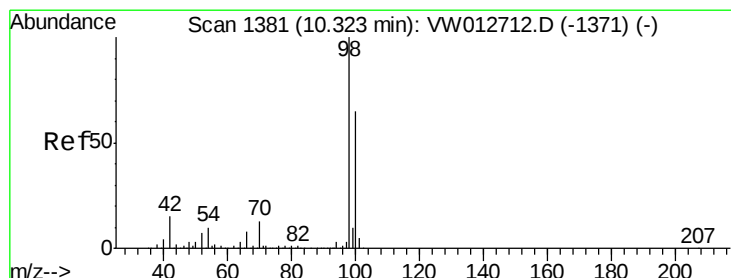
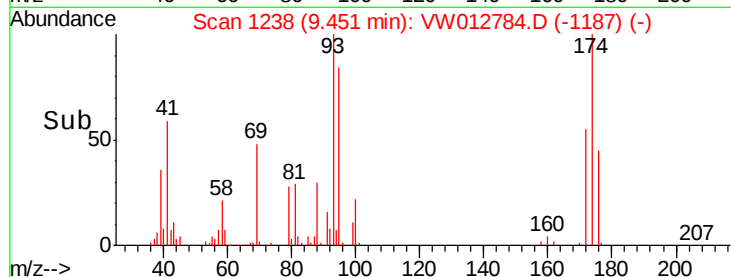
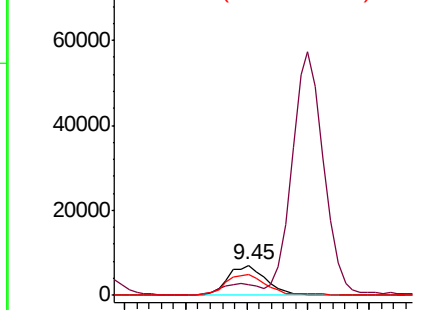
#49
1,4-Dioxane
Concen: 787.286 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 15213
Ion Ratio Lower Upper
88 100
43 39.5 34.8 52.2
58 77.6 64.1 96.1

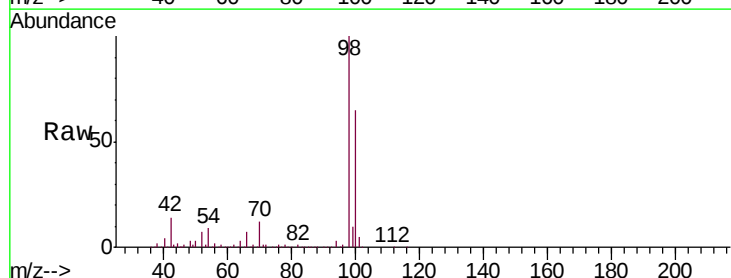


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

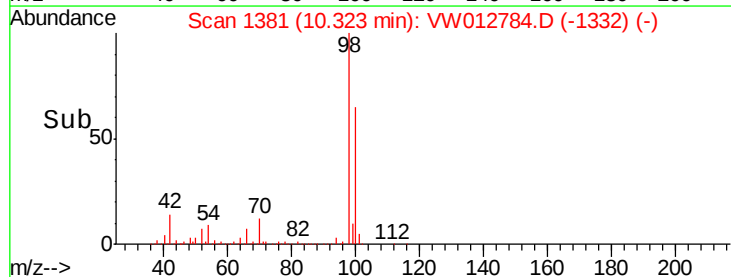
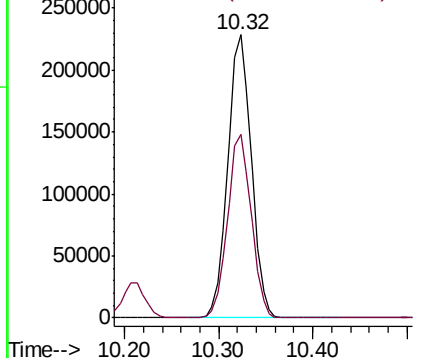


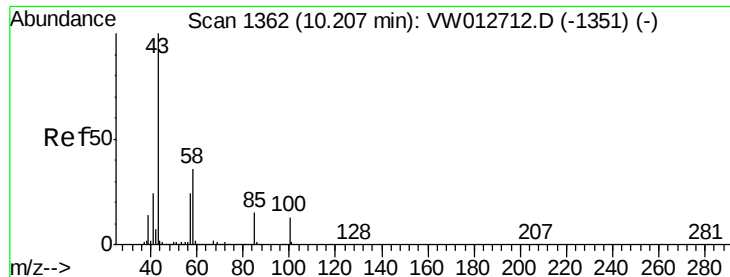
#50
Toluene-d8
Concen: 56.321 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 98 Resp: 396360
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

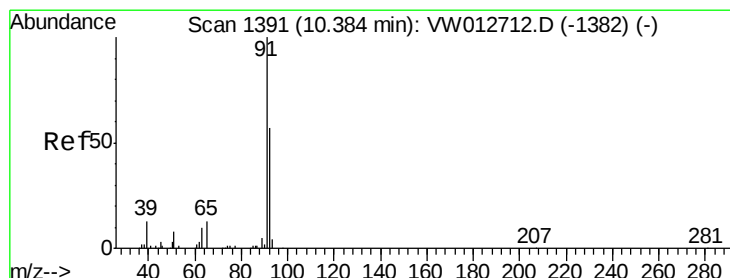
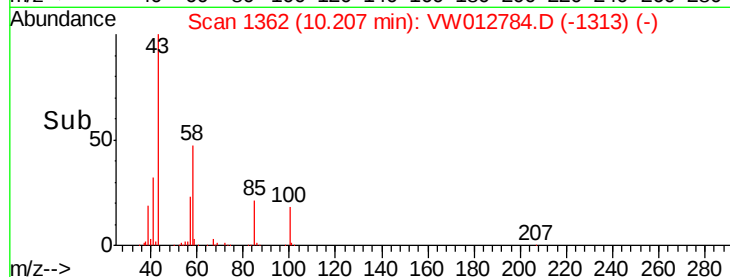
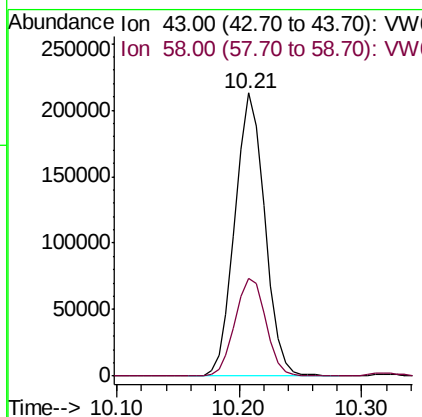
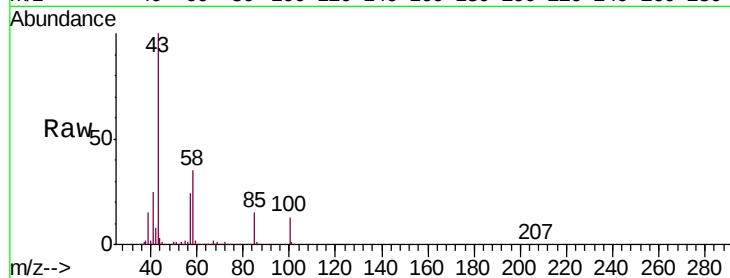




#51
 4-Methyl-2-Pentanone
 Concen: 211.724 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

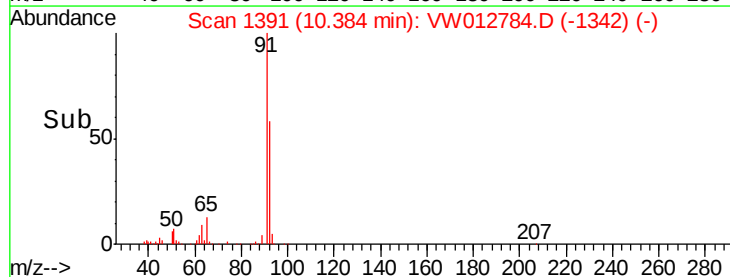
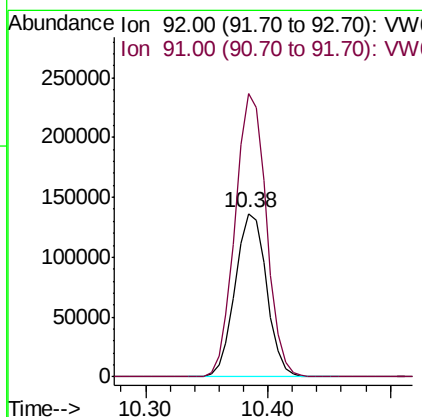
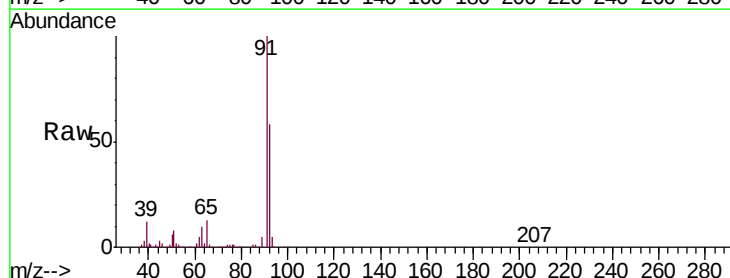
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

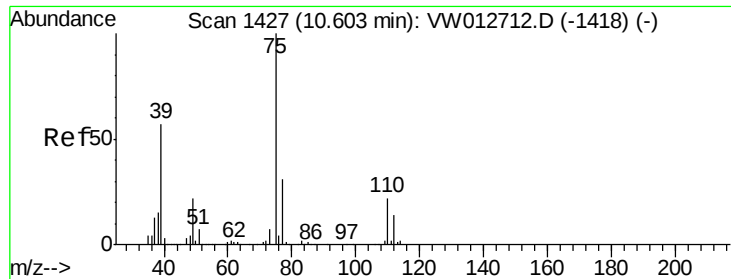
Tgt Ion: 43 Resp: 360208
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.4 42.6



#52
 Toluene
 Concen: 52.243 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 92 Resp: 242871
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 49.826 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

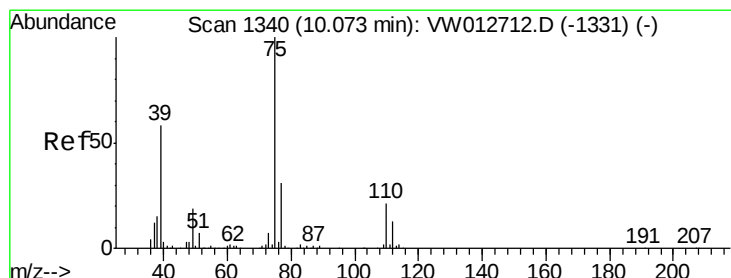
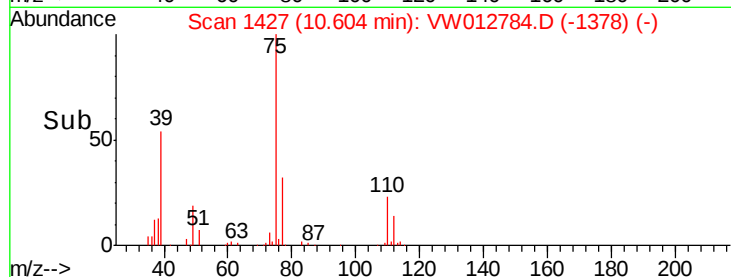
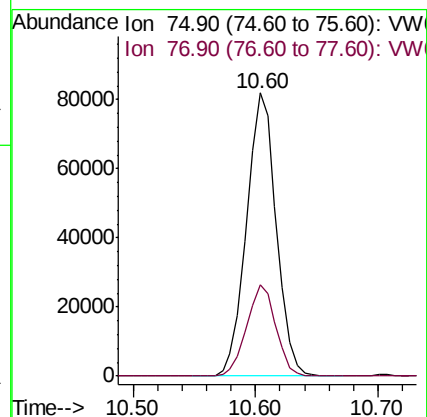
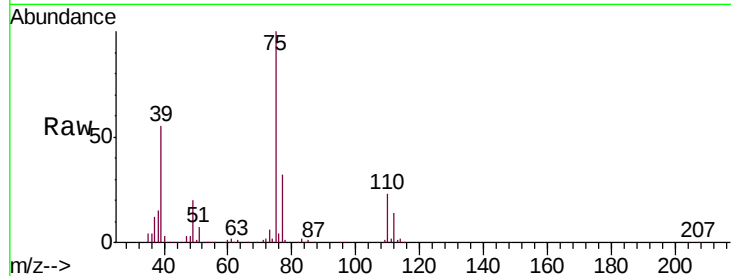
VSTDCCC050EC

Tgt Ion: 75 Resp: 137893

Ion Ratio Lower Upper

75 100

77 32.2 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 49.851 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

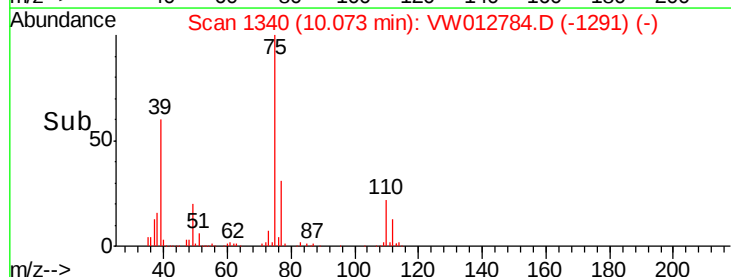
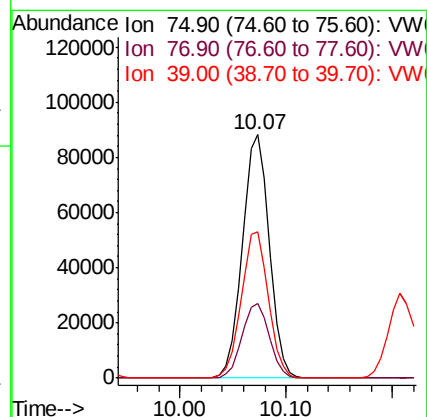
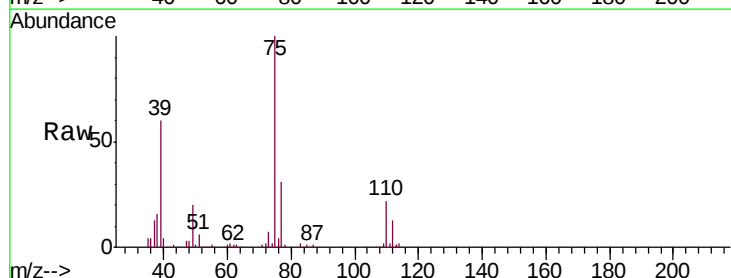
Tgt Ion: 75 Resp: 156508

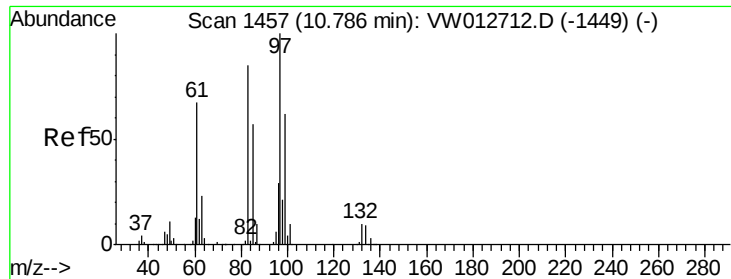
Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8

39 60.1 46.3 69.5

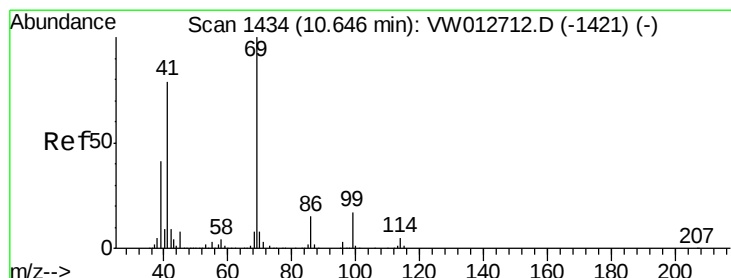
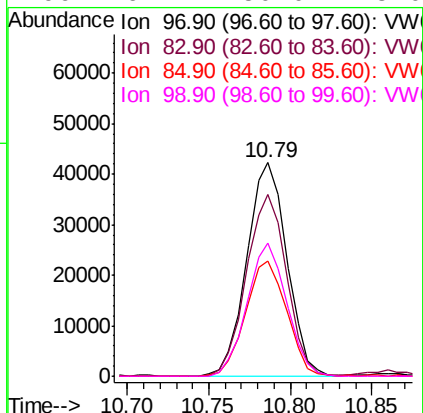
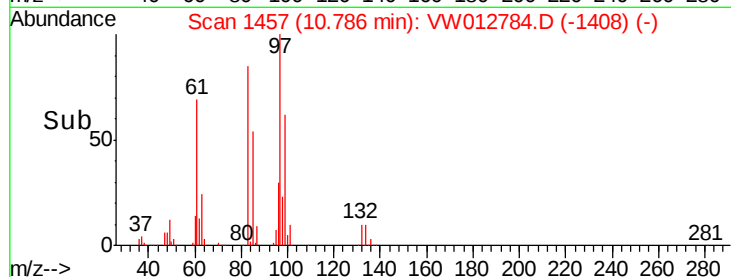
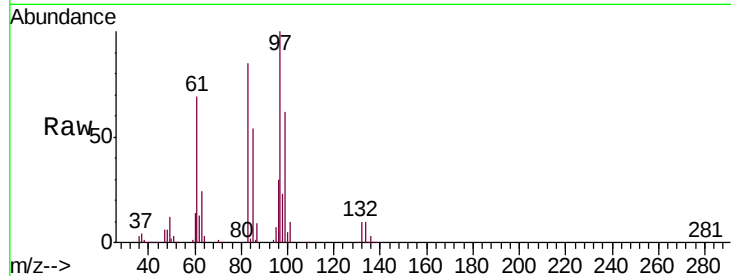




#55
 1,1,2-Trichloroethane
 Concen: 49.504 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

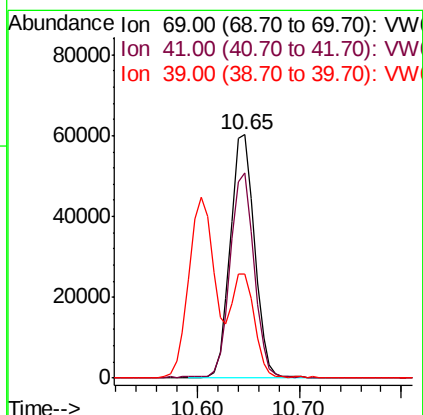
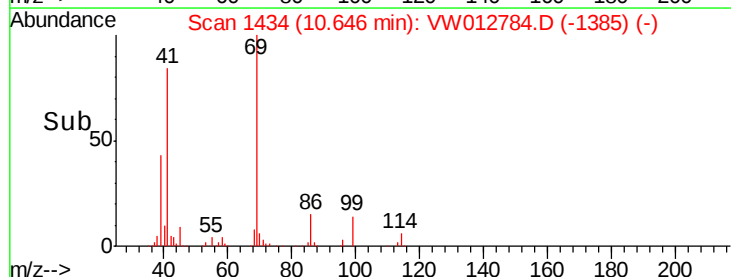
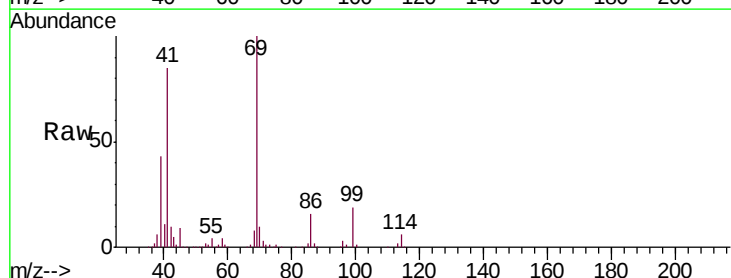
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

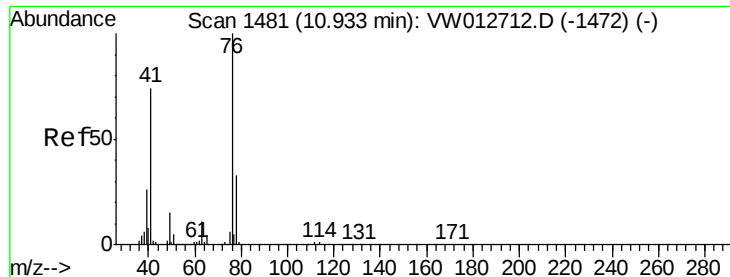
Tgt Ion:	97	Resp:	72502
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	53.8	45.3	67.9
99	62.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 46.240 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion:	69	Resp:	99131
Ion	Ratio	Lower	Upper
69	100		
41	84.0	64.4	96.6
39	38.4	31.1	46.7

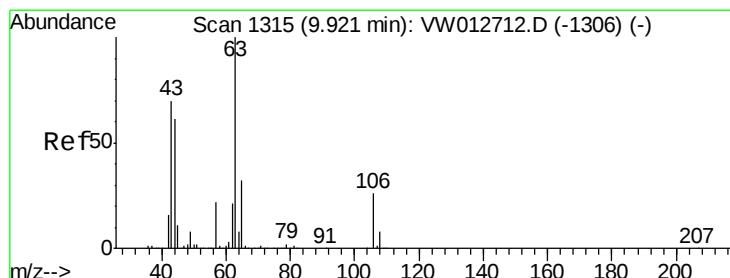
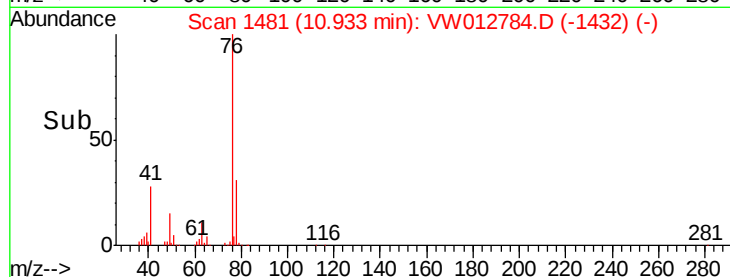
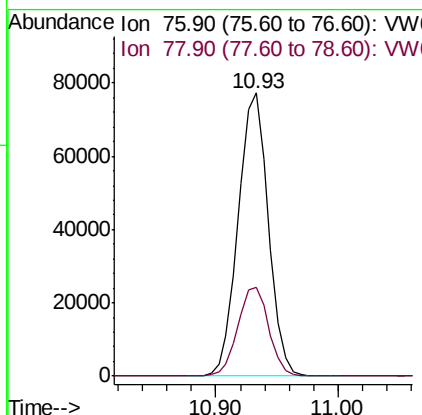
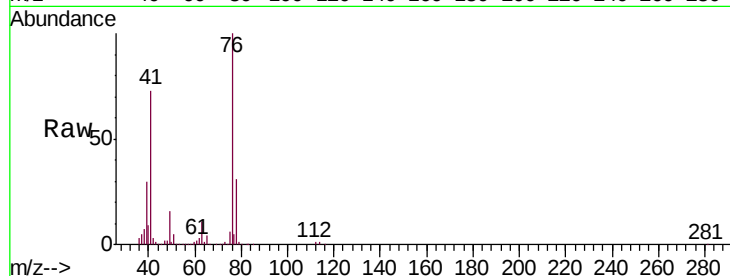




#57
 1,3-Dichloropropane
 Concen: 48.594 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

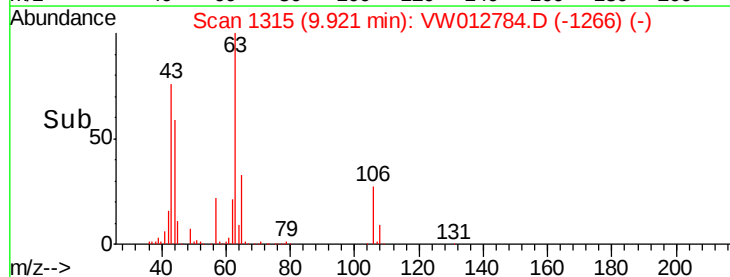
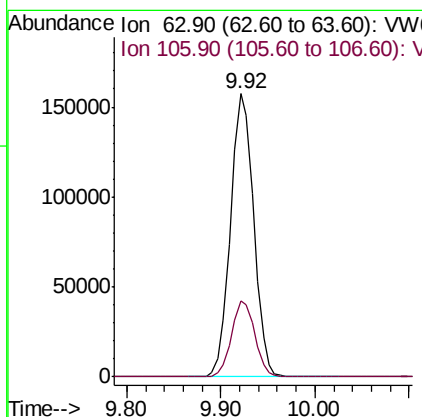
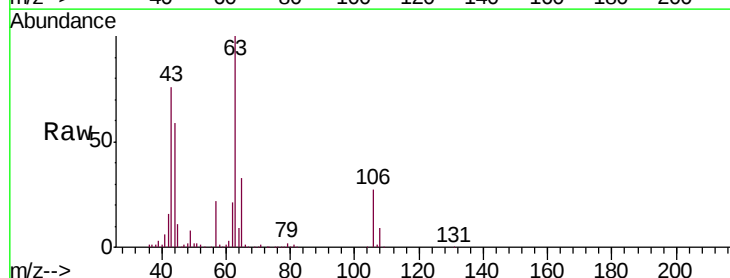
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

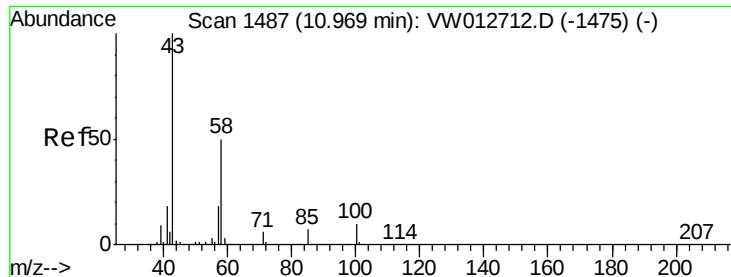
Tgt Ion: 76 Resp: 131662
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.828 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 63 Resp: 268401
 Ion Ratio Lower Upper
 63 100
 106 27.0 20.5 30.7

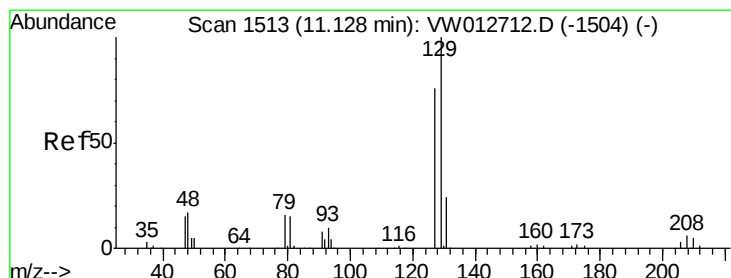
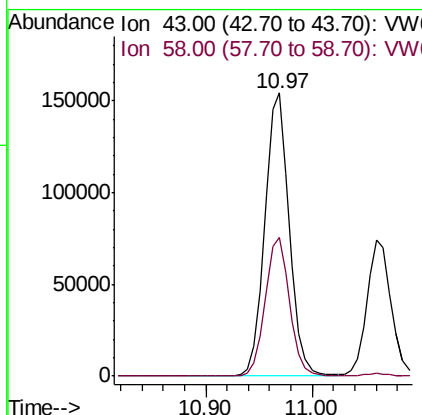
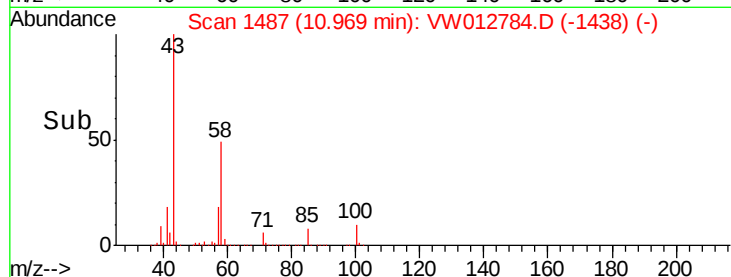
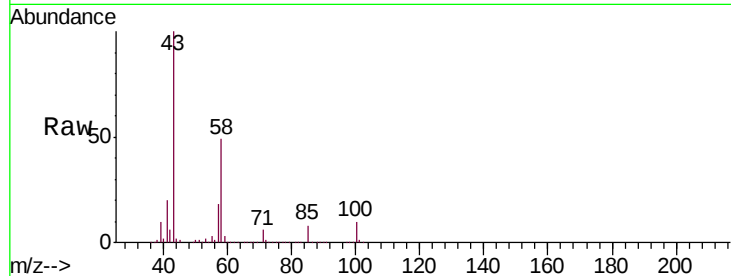




#59
2-Hexanone
Concen: 199.124 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

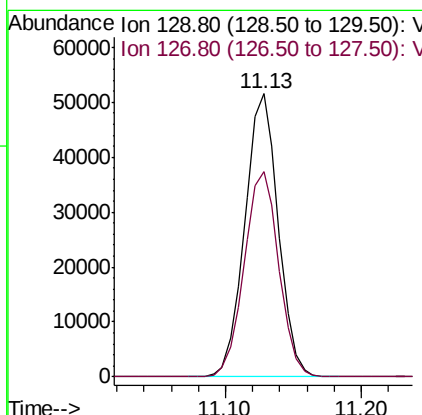
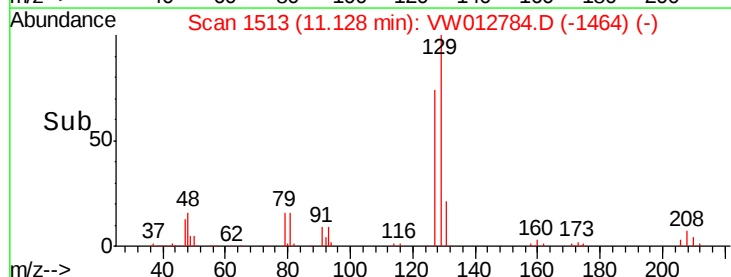
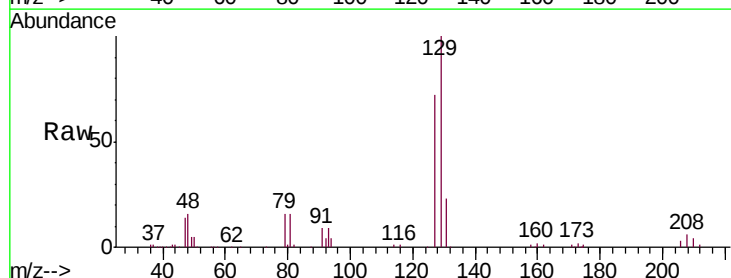
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

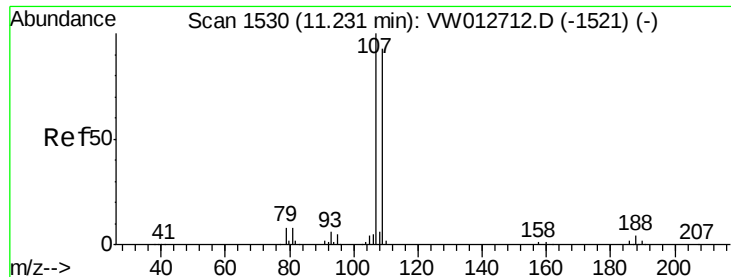
Tgt Ion: 43 Resp: 247500
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1



#60
Dibromochloromethane
Concen: 51.499 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 129 Resp: 88704
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.8

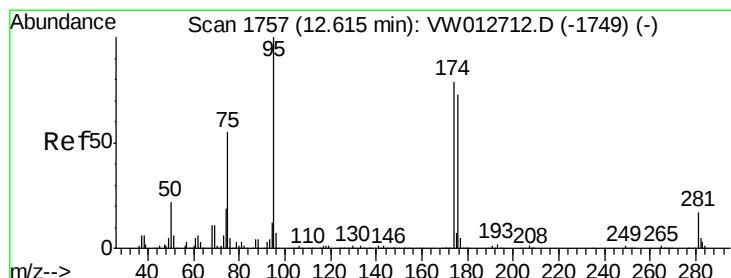
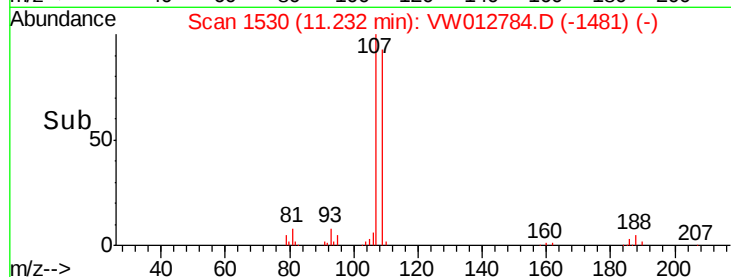
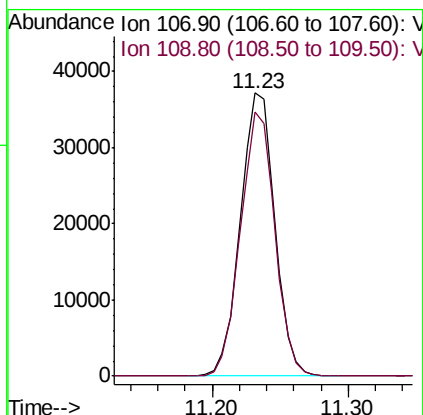
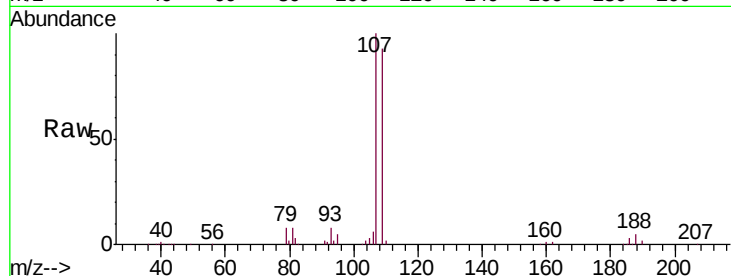




#61
 1,2-Dibromoethane
 Concen: 48.907 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

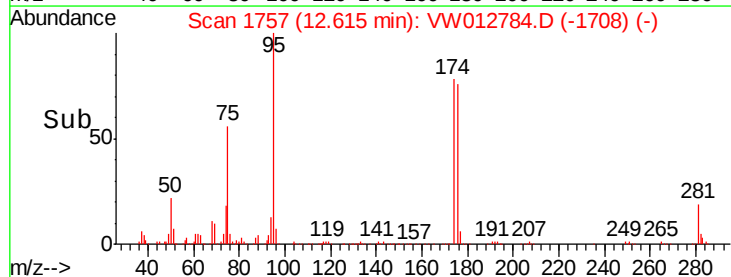
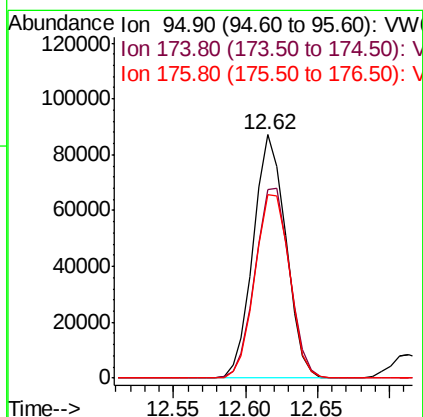
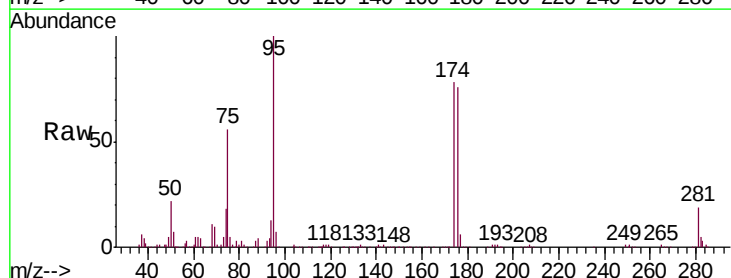
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

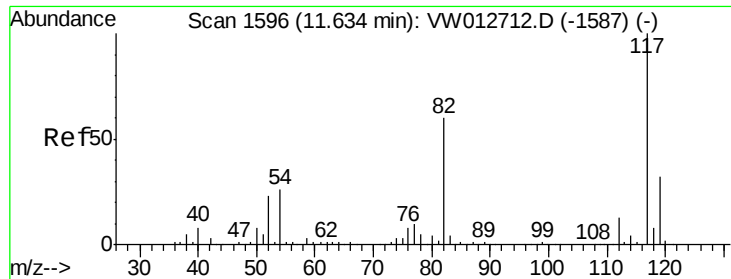
Tgt Ion: 107 Resp: 65668
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.433 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion: 95 Resp: 136511
 Ion Ratio Lower Upper
 95 100
 174 82.6 0.0 161.0
 176 80.4 0.0 156.4

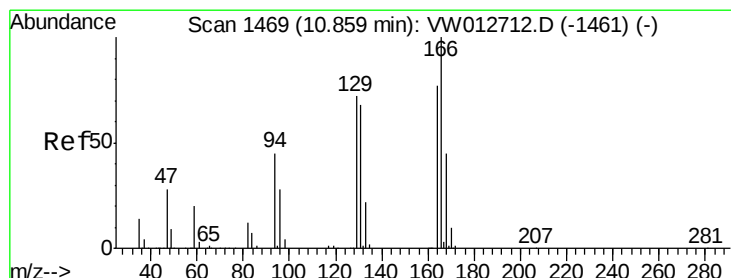
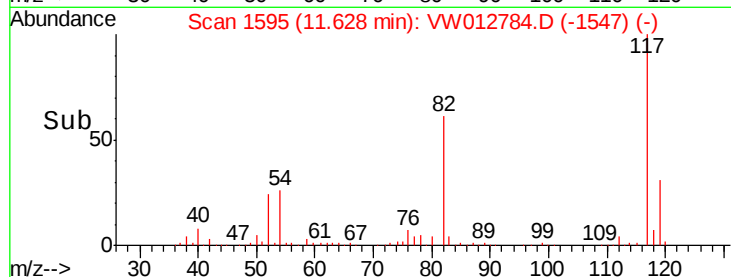
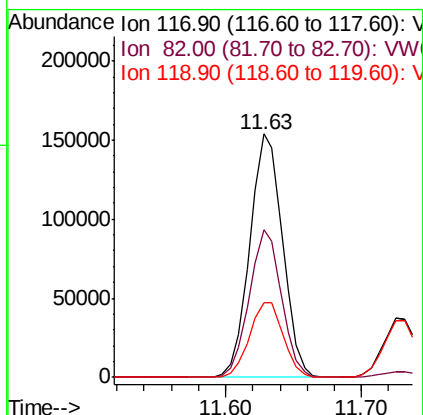
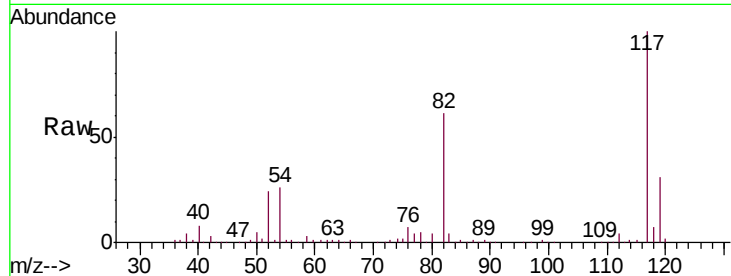




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

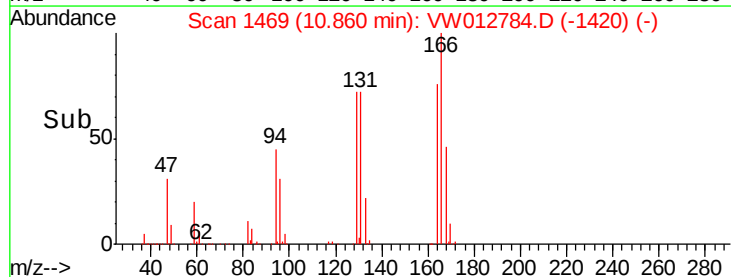
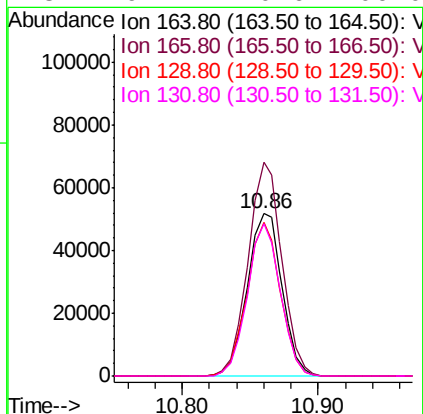
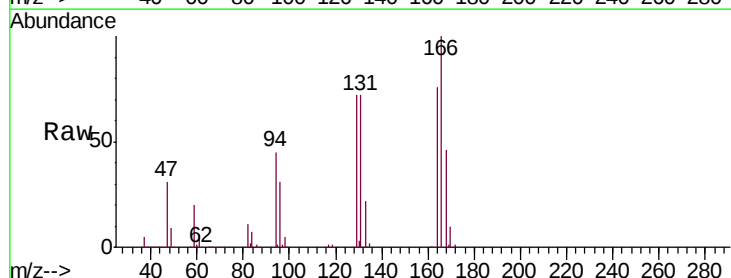
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

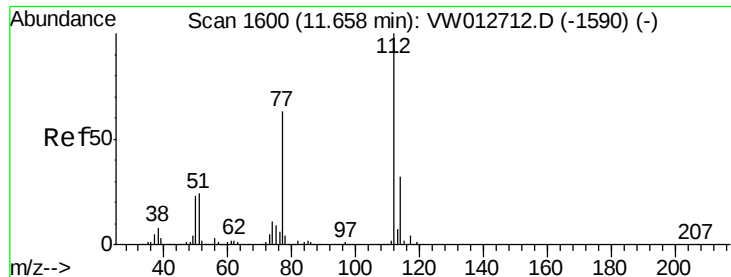
Tgt Ion:117 Resp: 260475
Ion Ratio Lower Upper
117 100
82 60.7 48.2 72.4
119 30.8 25.8 38.6



#64
Tetrachloroethene
Concen: 58.813 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:164 Resp: 92954
Ion Ratio Lower Upper
164 100
166 131.6 103.6 155.4
129 94.7 74.6 112.0
131 94.2 70.6 106.0

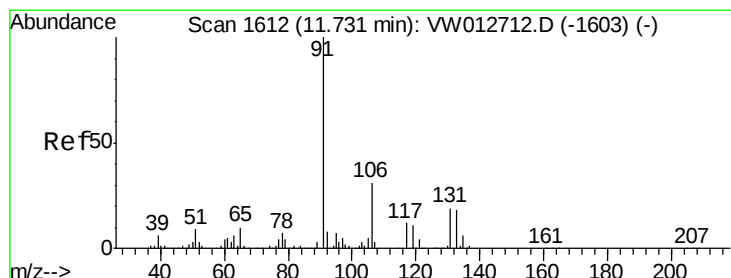
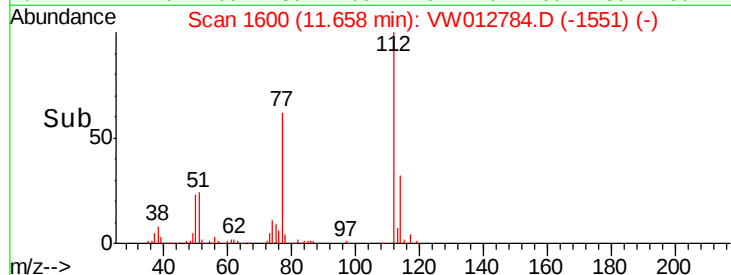
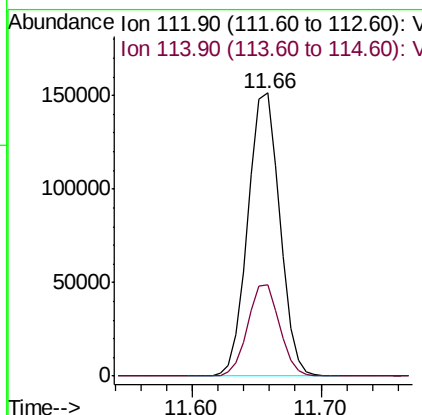
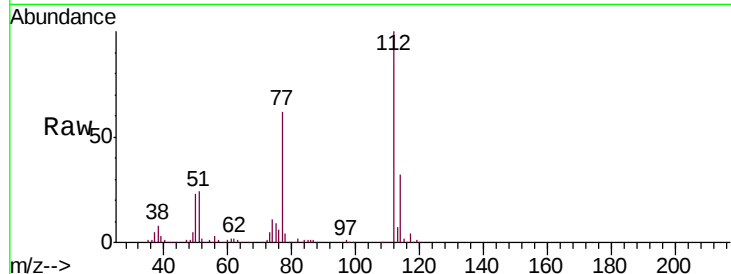




#65
Chlorobenzene
Concen: 52.416 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

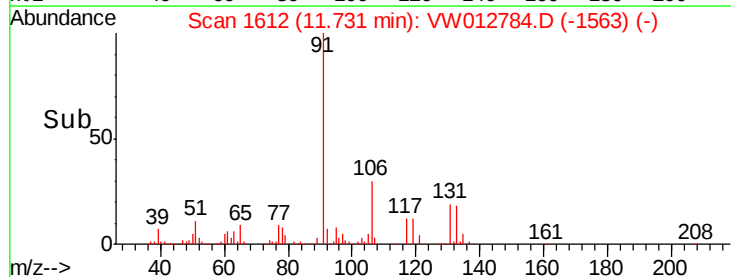
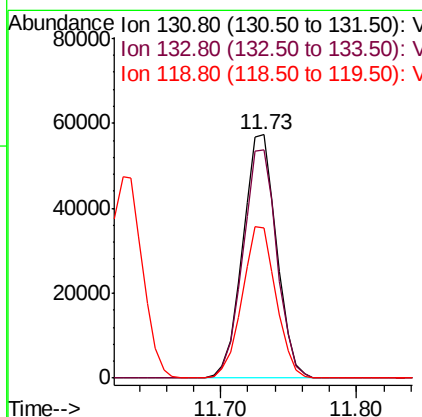
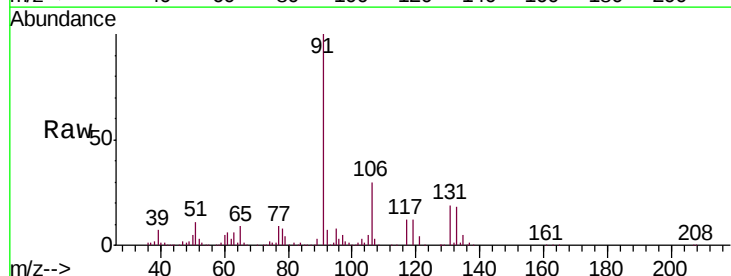
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

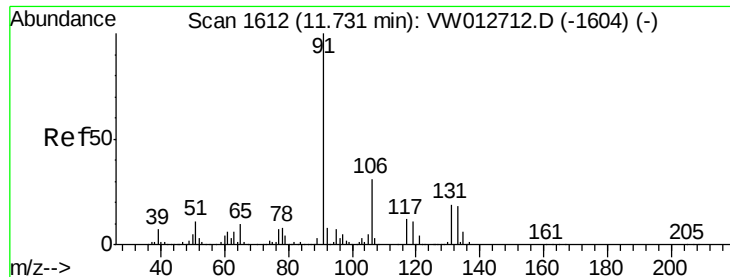
Tgt Ion:112 Resp: 258047
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:131 Resp: 99639
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 62.1 30.6 92.0

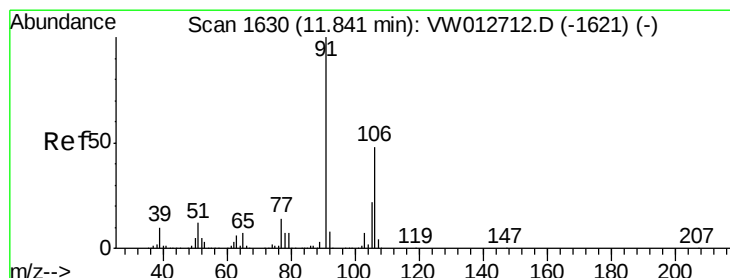
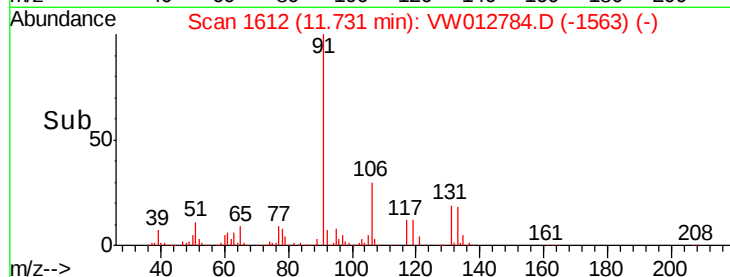
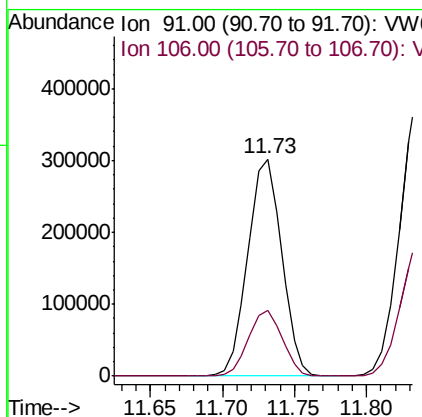
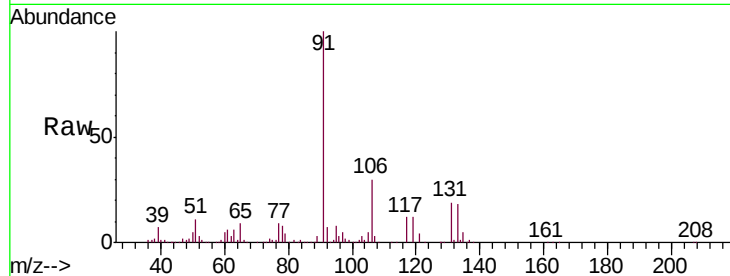




#67
Ethyl Benzene
Concen: 53.398 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

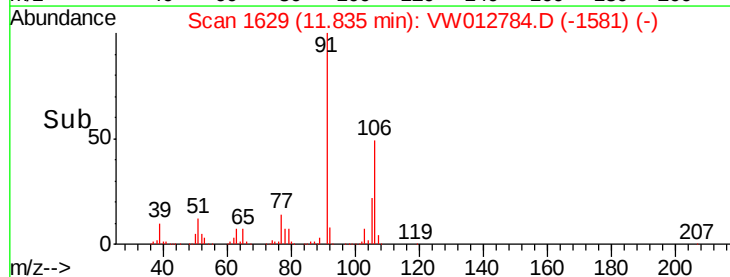
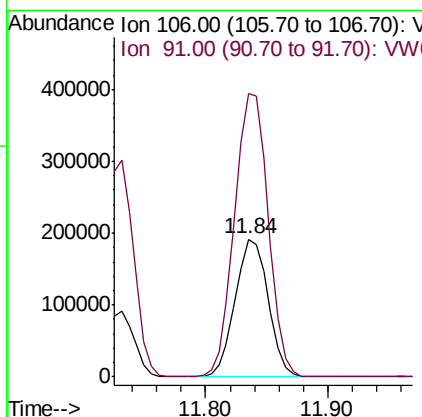
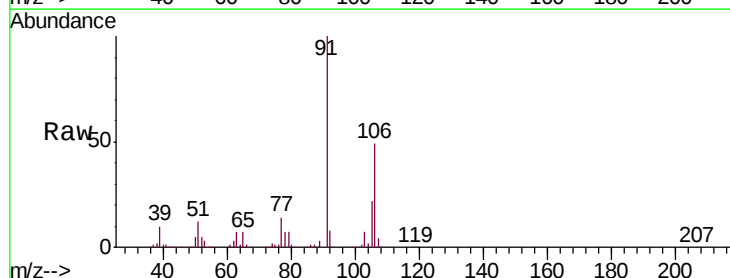
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

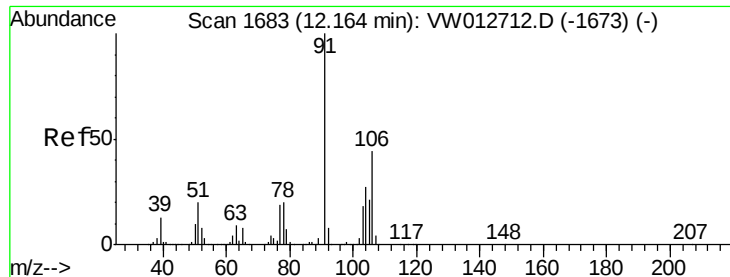
Tgt Ion: 91 Resp: 493226
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 107.834 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion: 106 Resp: 359526
Ion Ratio Lower Upper
106 100
91 209.7 168.2 252.4

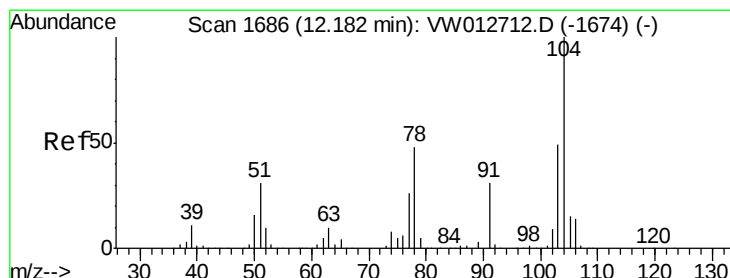
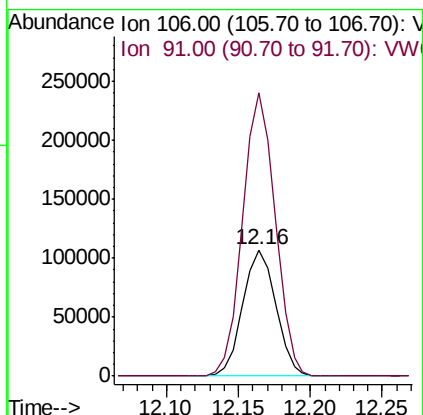
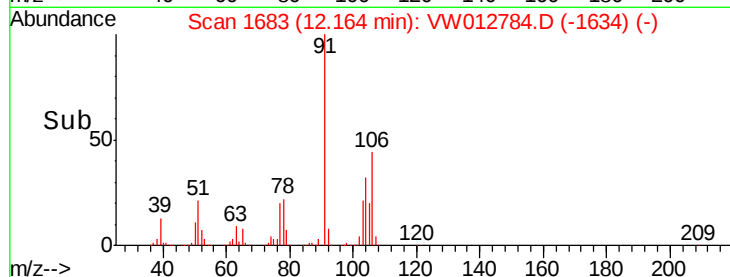
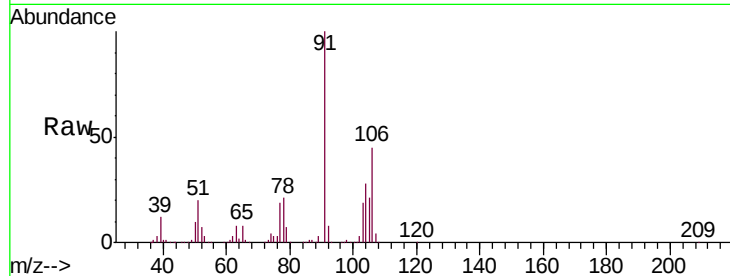




#69
o-Xylene
Concen: 54.134 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

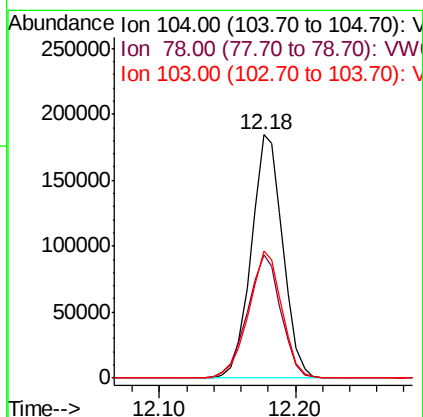
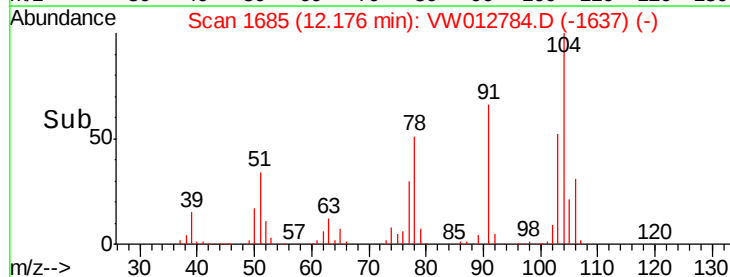
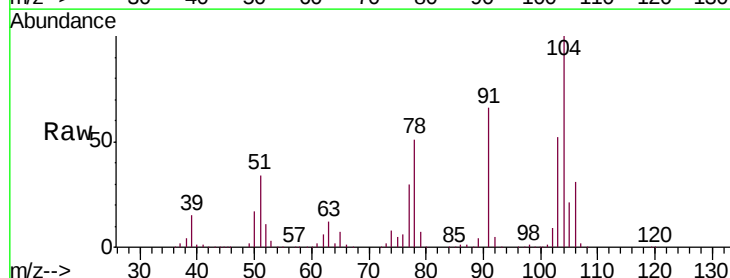
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

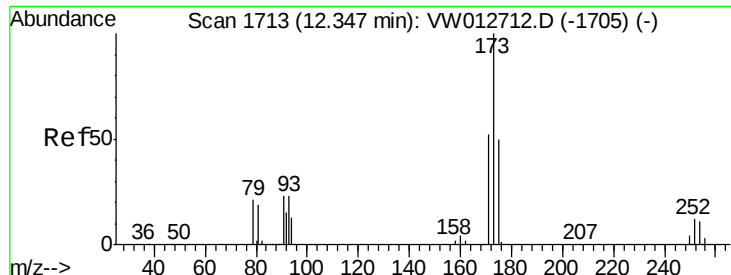
Tgt Ion:106 Resp: 170277
Ion Ratio Lower Upper
106 100
91 221.3 112.3 336.8



#70
Styrene
Concen: 53.750 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:104 Resp: 298756
Ion Ratio Lower Upper
104 100
78 54.4 43.3 64.9
103 55.2 44.0 66.0

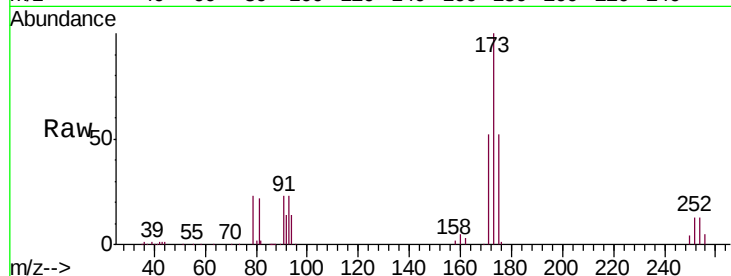




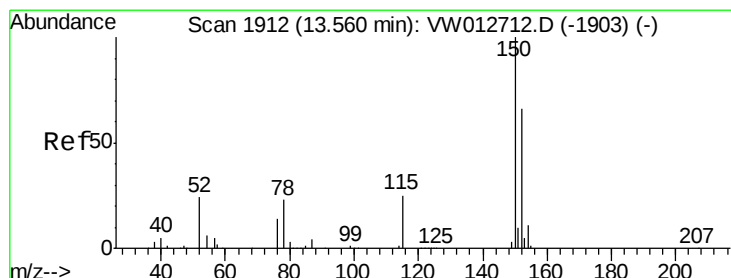
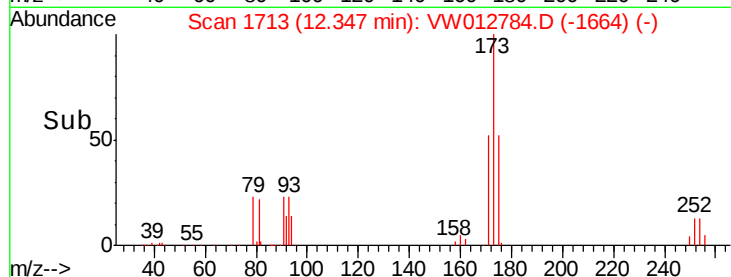
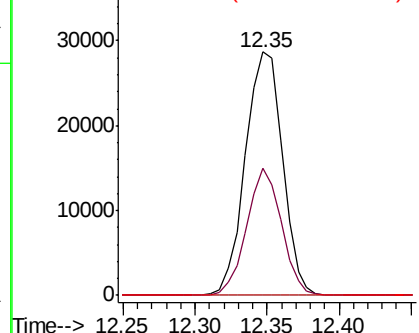
#71
Bromoform
Concen: 50.241 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 51175
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.1 0.1 0.1

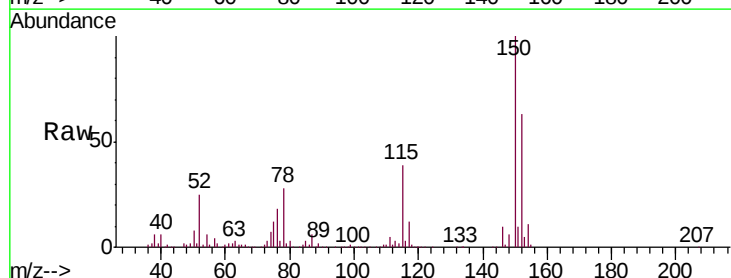


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

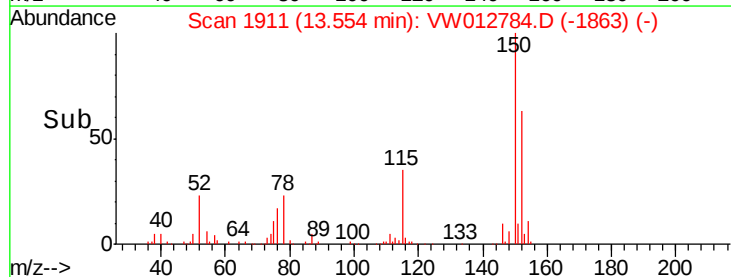
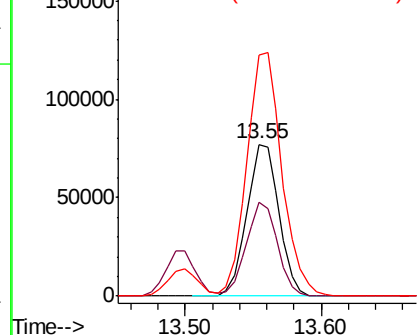


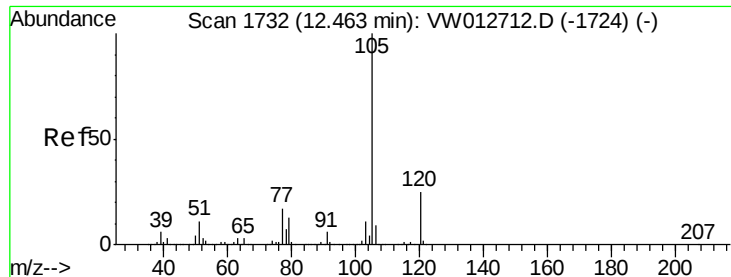
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:152 Resp: 126959
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 175.5 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.593 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

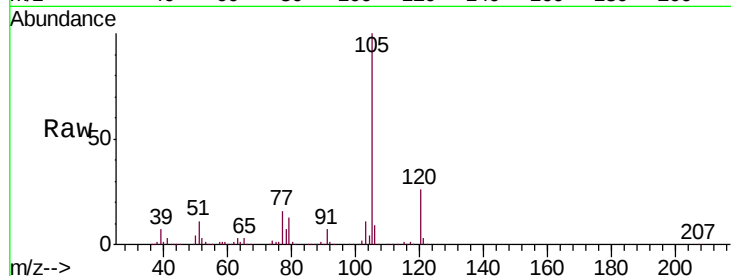
VSTDCCC050EC

Tgt Ion: 105 Resp: 488014

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

300000

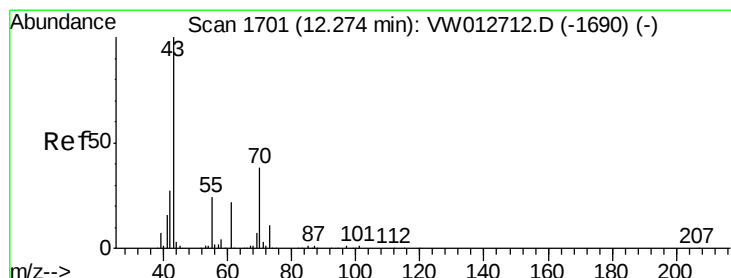
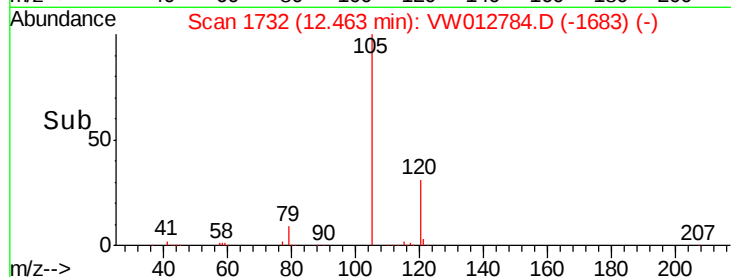
200000

100000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 44.182 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Tgt Ion: 43 Resp: 127701

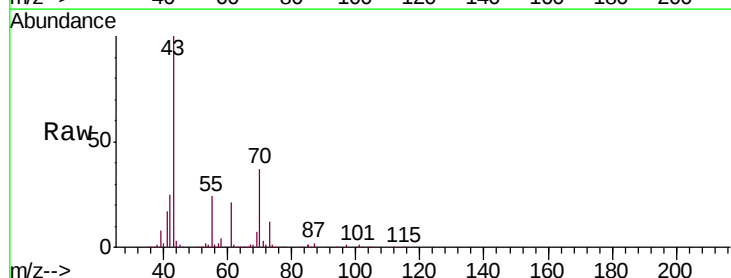
Ion Ratio Lower Upper

43 100

70 37.3 29.4 44.0

55 24.4 18.6 27.8

61 21.7 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

120000

100000

80000

60000

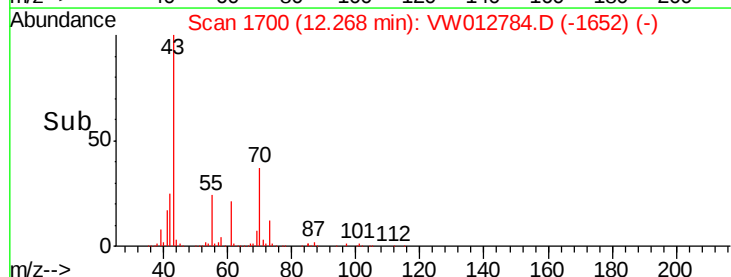
40000

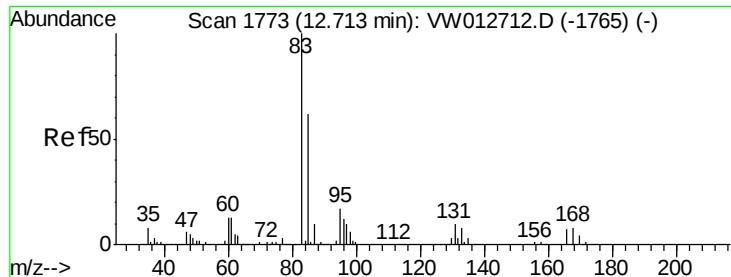
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 44.563 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

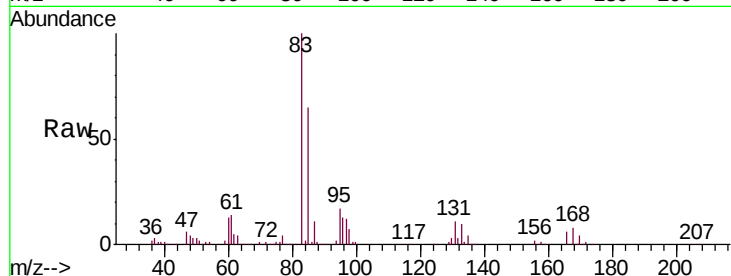
Tgt Ion: 83 Resp: 81494

Ion Ratio Lower Upper

83 100

131 12.0 5.1 15.4

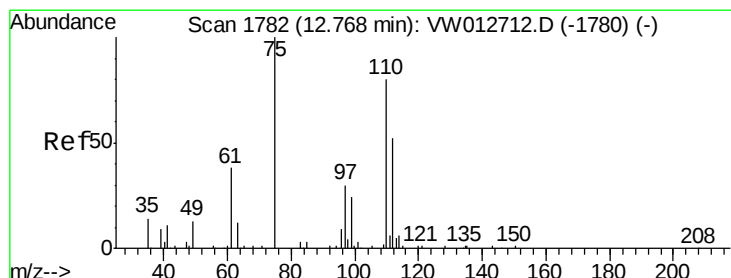
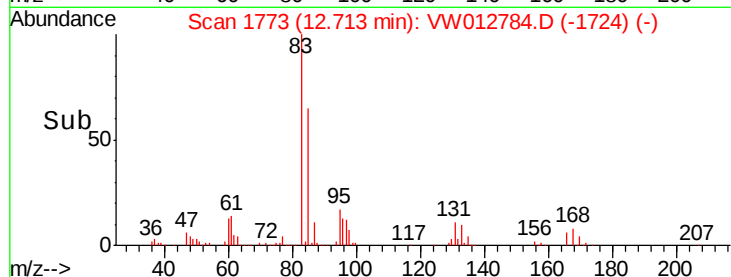
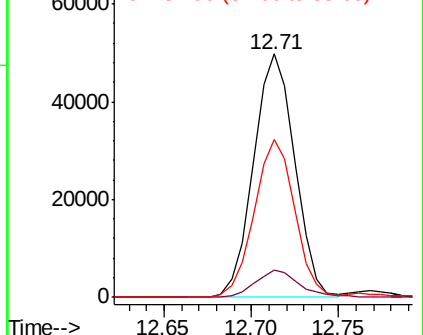
85 63.7 31.4 94.2



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: 85.518 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012784.D

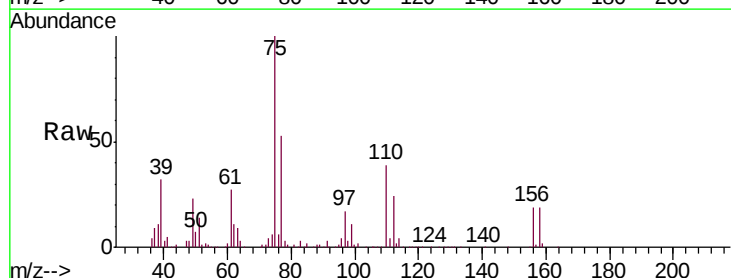
Acq: 08 Sep 2019 21:34

Tgt Ion: 75 Resp: 111021

Ion Ratio Lower Upper

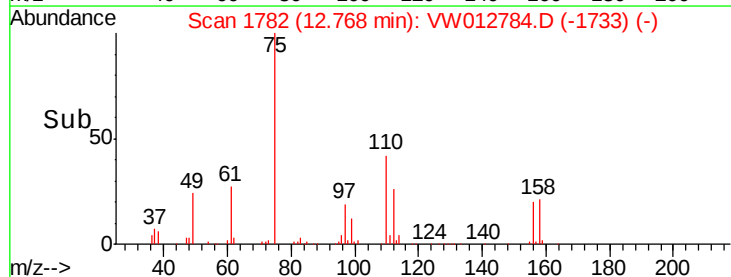
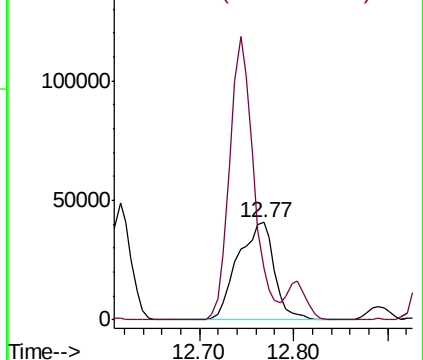
75 100

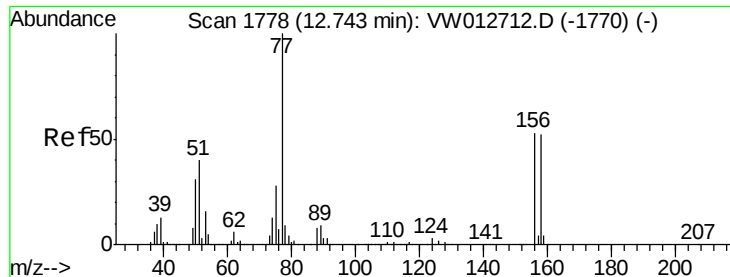
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.693 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

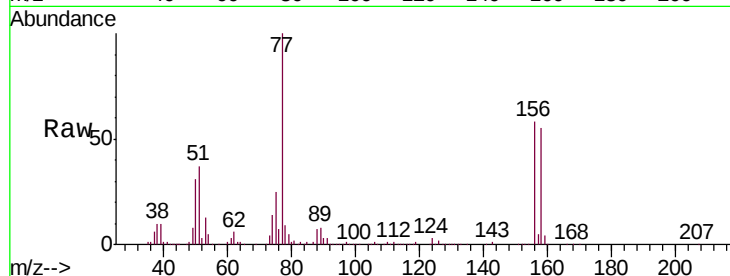
Tgt Ion:156 Resp: 110770

Ion Ratio Lower Upper

156 100

77 191.9 102.3 306.9

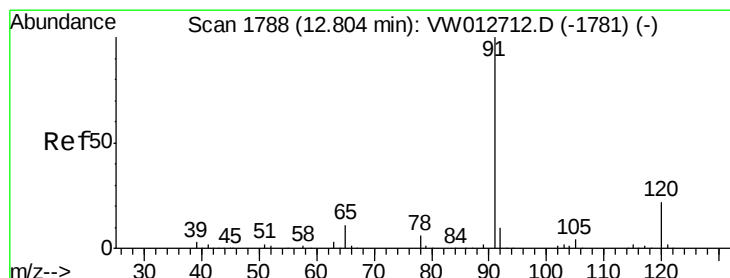
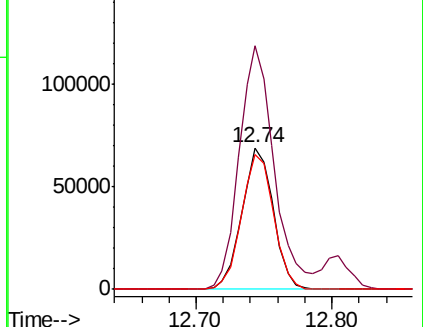
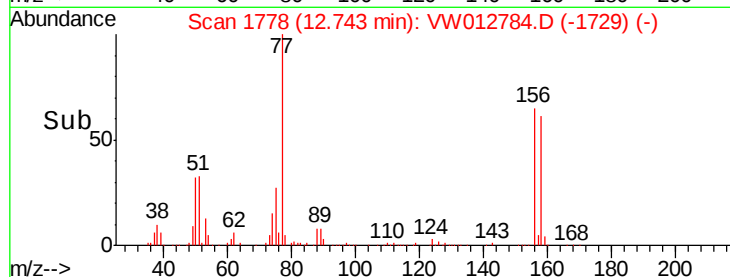
158 97.8 48.9 146.8



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: 52.689 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012784.D

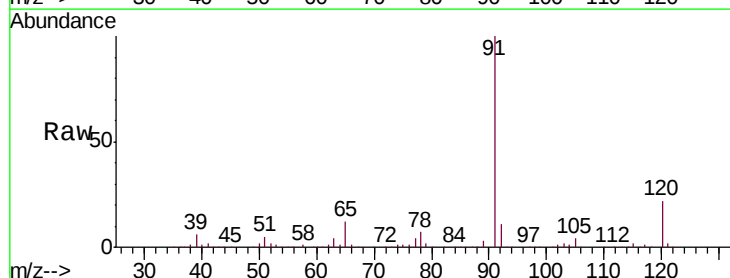
Acq: 08 Sep 2019 21:34

Tgt Ion: 91 Resp: 573819

Ion Ratio Lower Upper

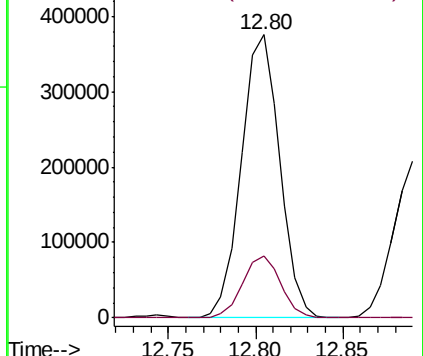
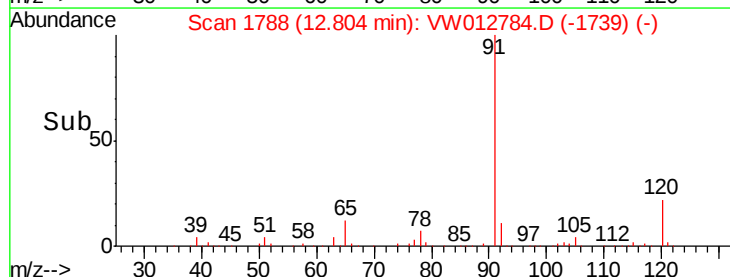
91 100

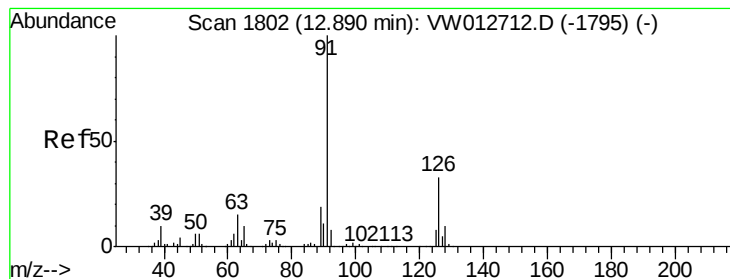
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.683 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

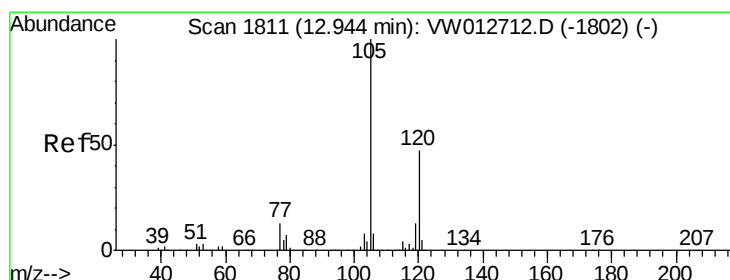
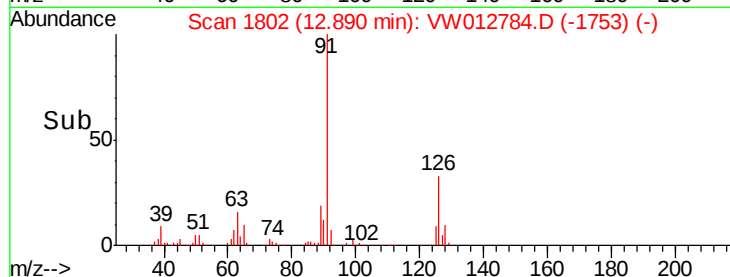
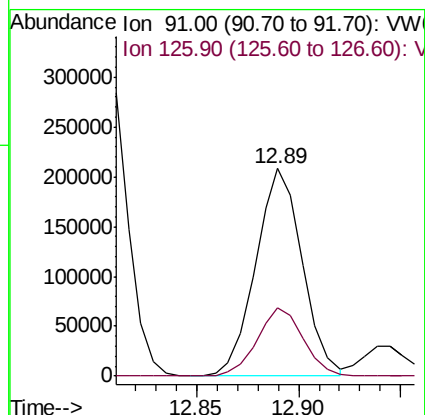
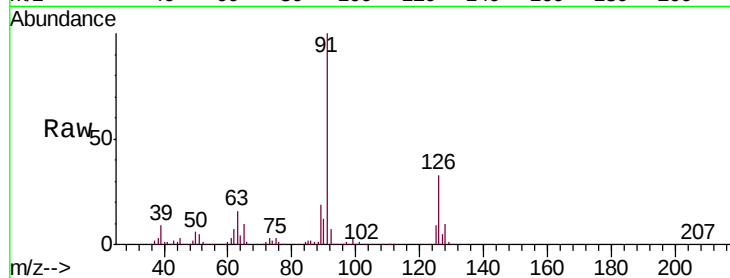
VSTDCCC050EC

Tgt Ion: 91 Resp: 329376

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 54.136 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012784.D

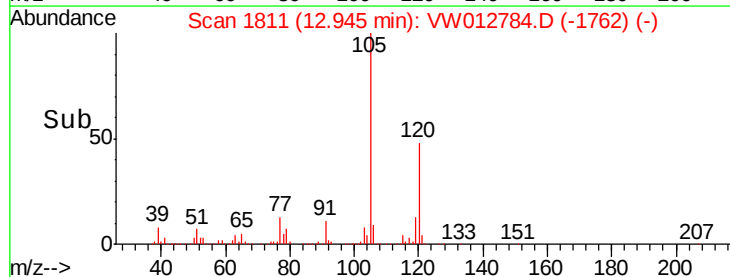
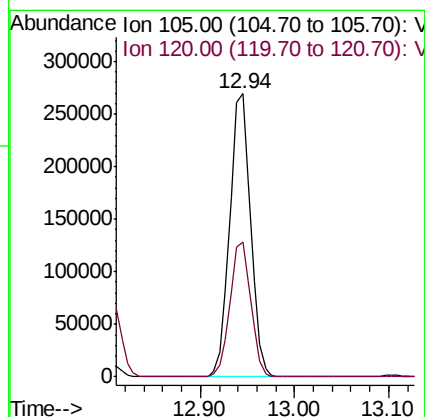
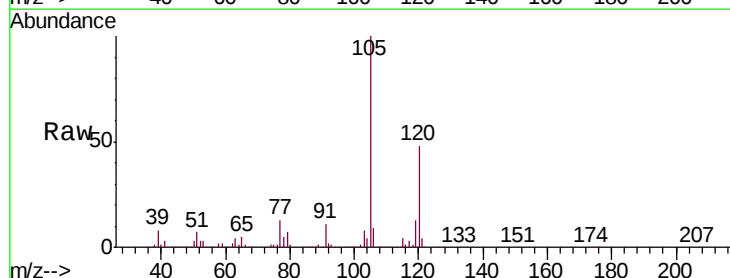
Acq: 08 Sep 2019 21:34

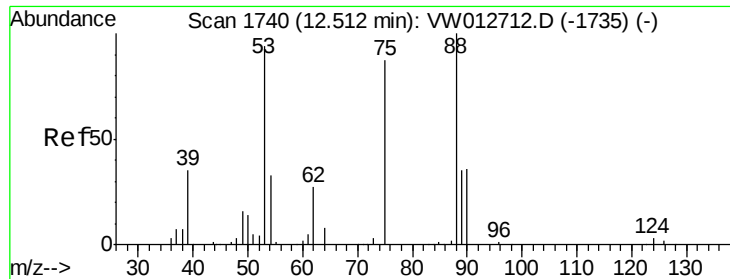
Tgt Ion: 105 Resp: 415384

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.679 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

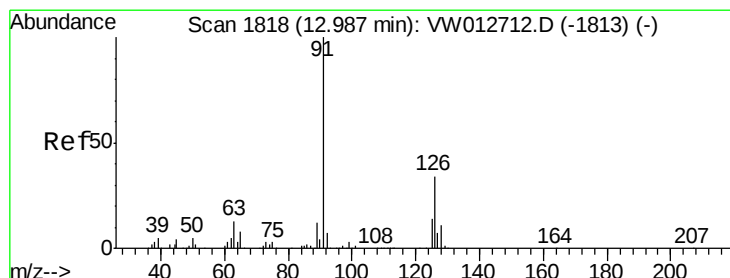
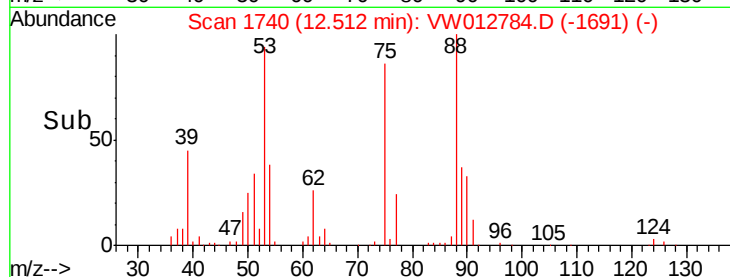
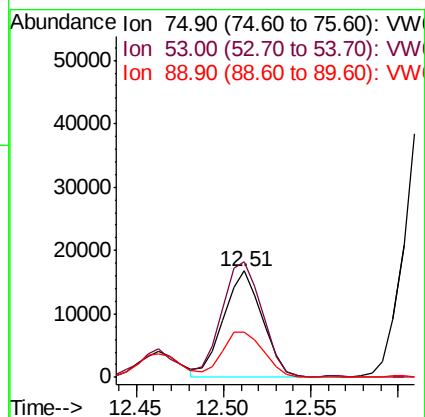
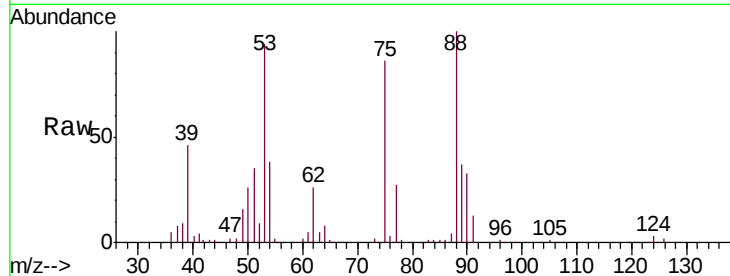
Tgt Ion: 75 Resp: 25582

Ion Ratio Lower Upper

75 100

53 113.9 87.6 131.4

89 45.4 35.5 53.3



#82

4-Chlorotoluene

Concen: 52.304 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012784.D

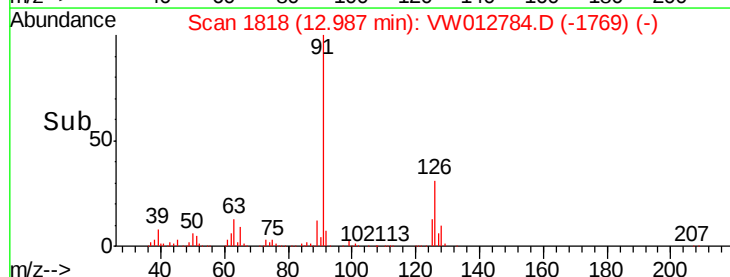
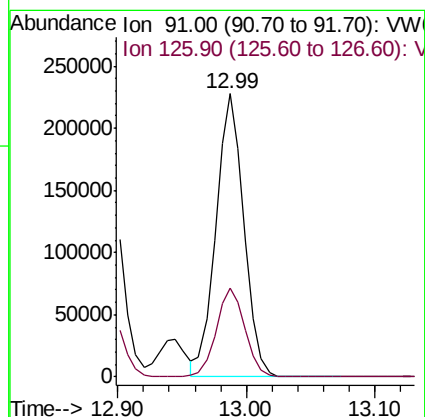
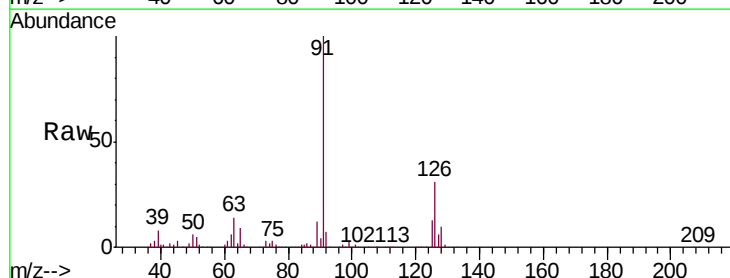
Acq: 08 Sep 2019 21:34

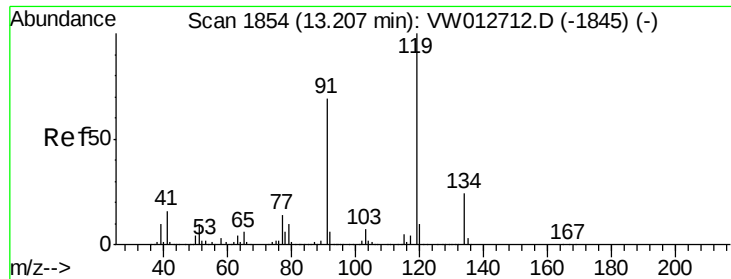
Tgt Ion: 91 Resp: 345896

Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.6

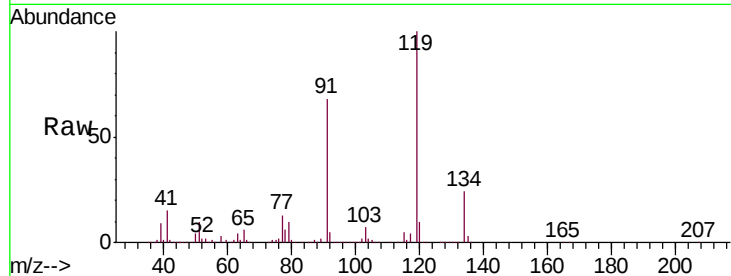




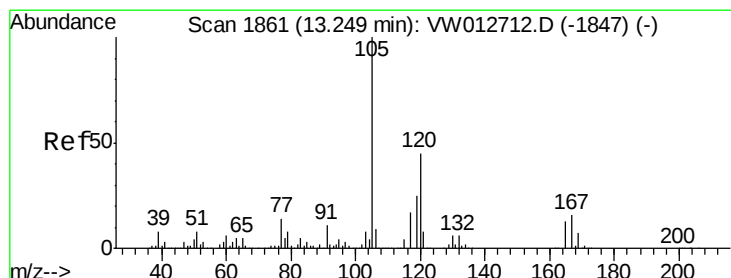
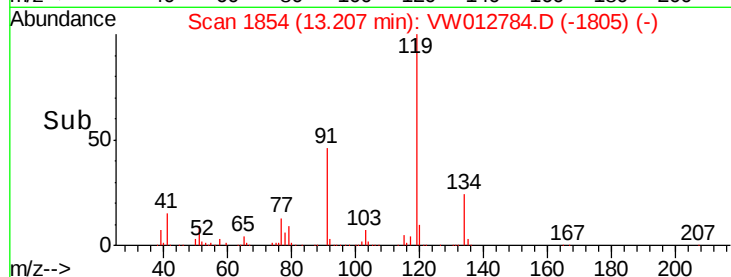
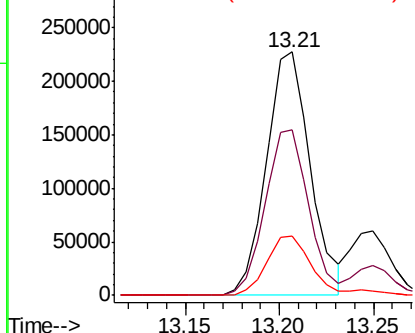
#83
tert-Butylbenzene
Concen: 54.258 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 368113
Ion Ratio Lower Upper
119 100
91 67.2 34.2 102.5
134 24.6 12.3 36.9

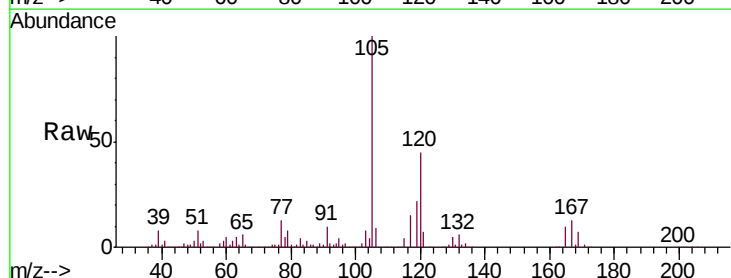


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

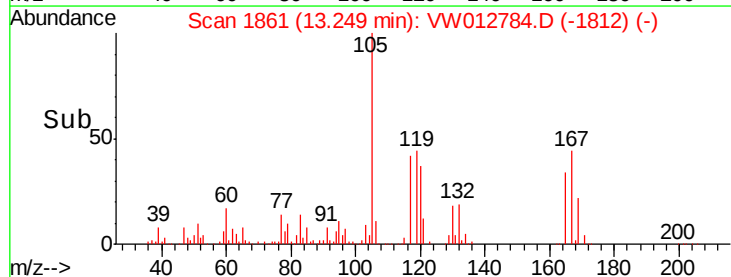
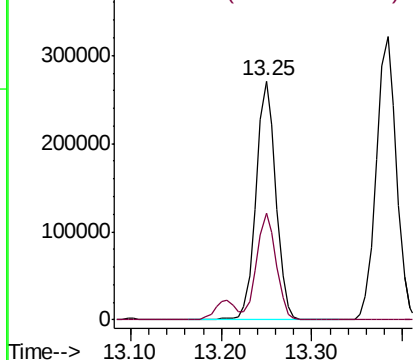


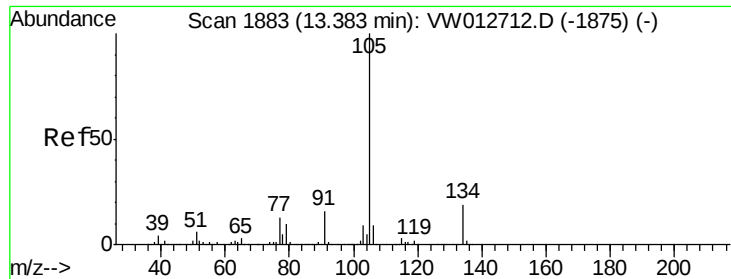
#84
1,2,4-Trimethylbenzene
Concen: 52.753 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:105 Resp: 407861
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

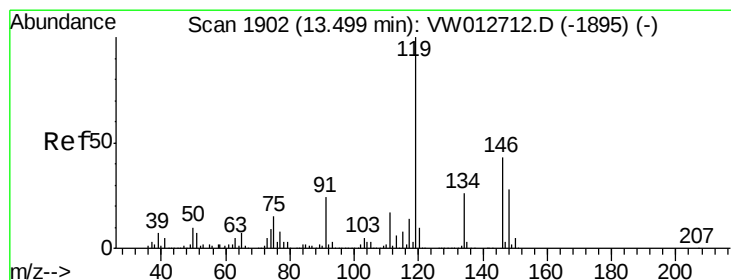
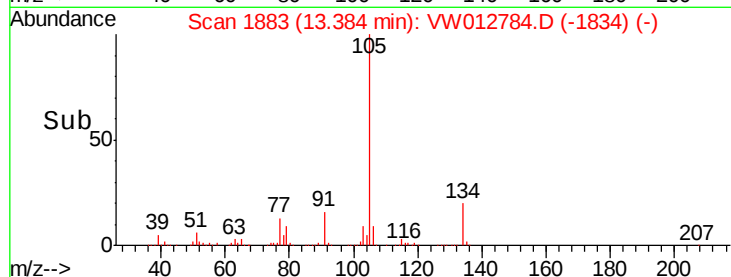
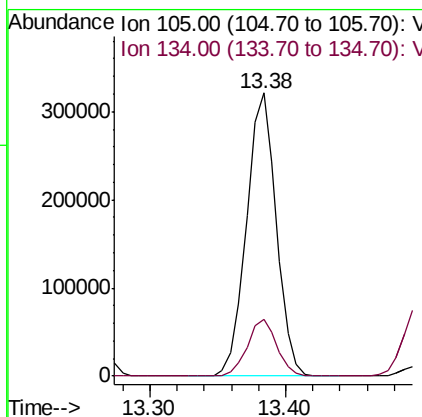
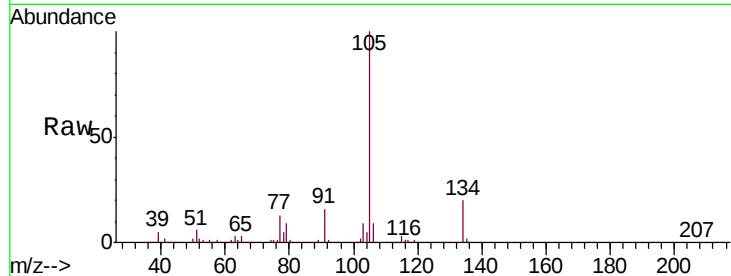




#85
 sec-Butylbenzene
 Concen: 52.234 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

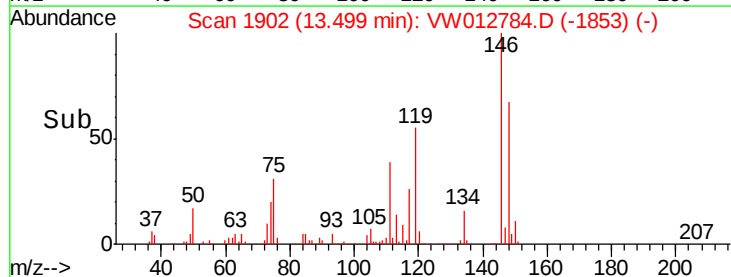
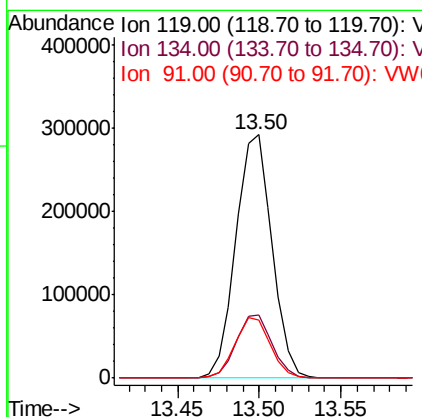
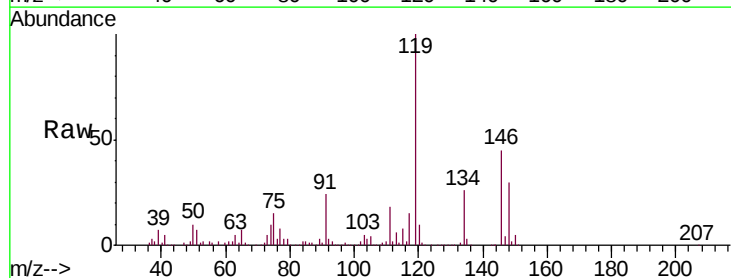
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

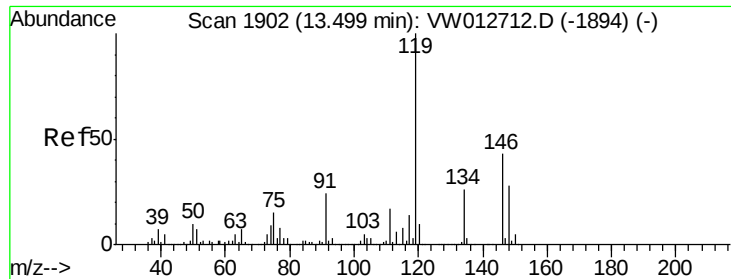
Tgt Ion:105 Resp: 491757
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.293 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion:119 Resp: 449681
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 24.5 12.2 36.6

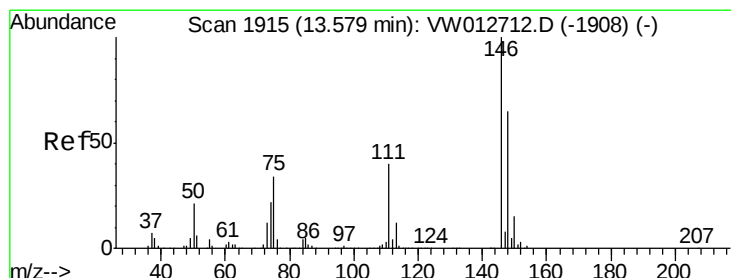
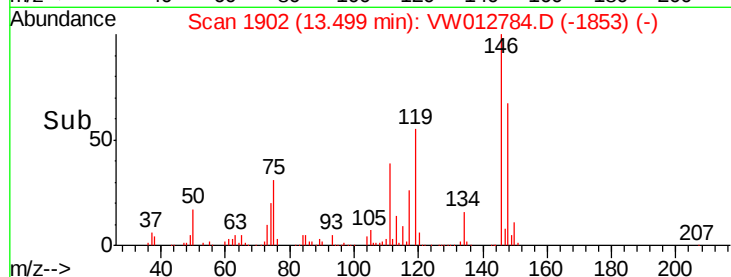
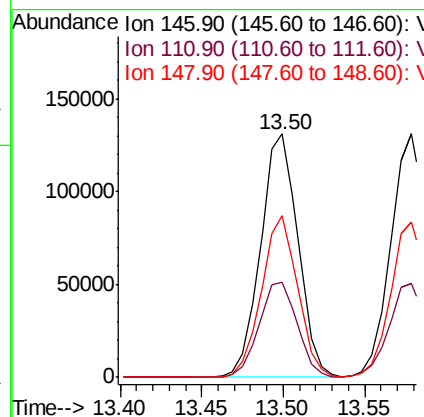
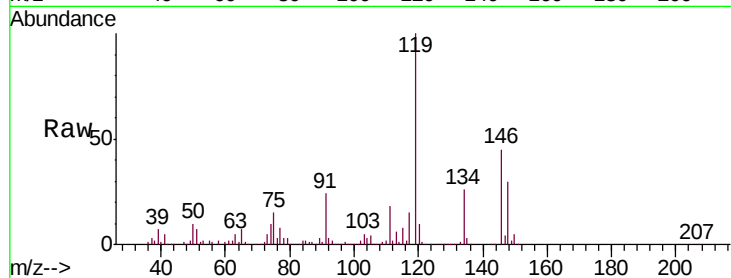




#87
 1,3-Dichlorobenzene
 Concen: 51.504 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

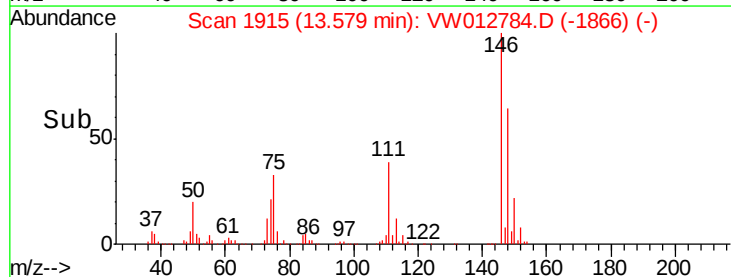
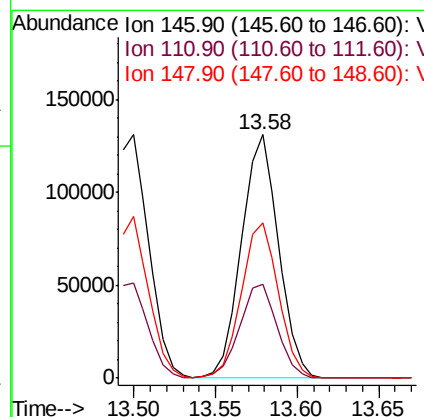
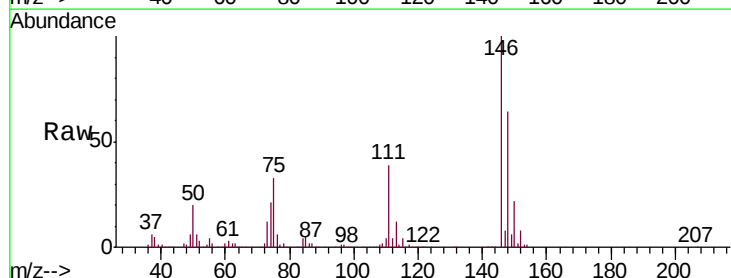
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

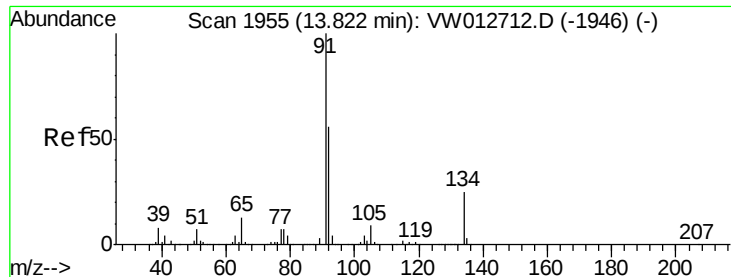
Tgt Ion:146 Resp: 208847
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 64.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.357 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion:146 Resp: 207224
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 63.8 32.2 96.6





#89

n-Butylbenzene

Concen: 49.640 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

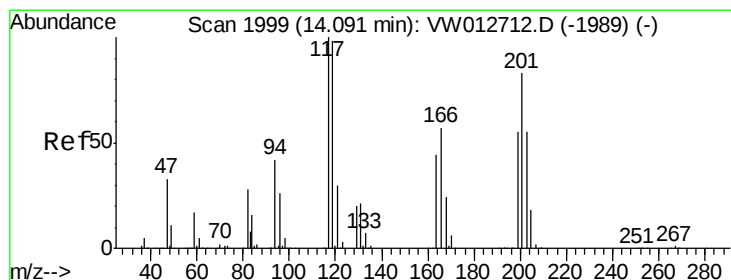
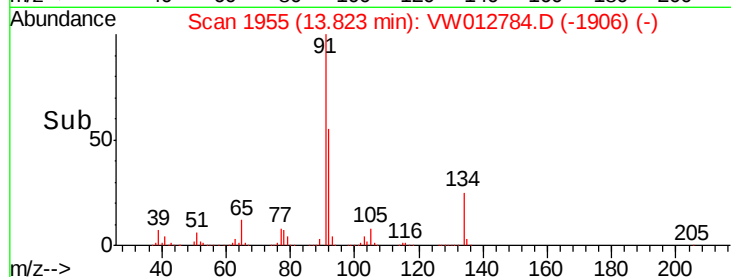
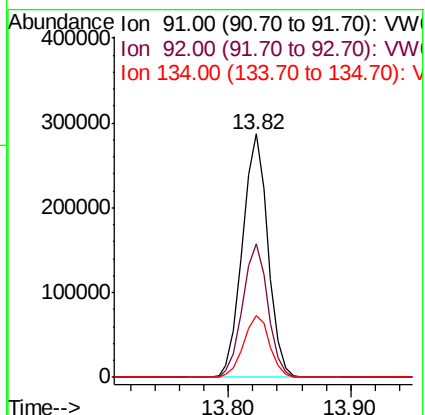
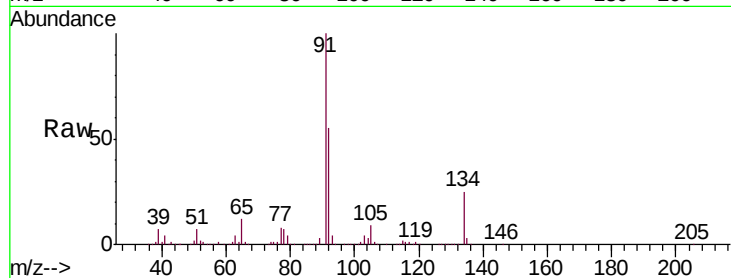
Tgt Ion: 91 Resp: 414420

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 25.9 12.7 38.1



#90

Hexachloroethane

Concen: 52.538 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012784.D

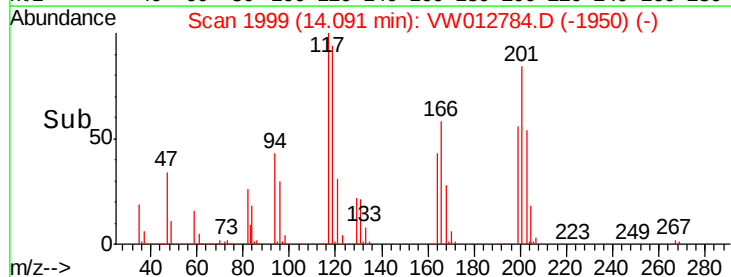
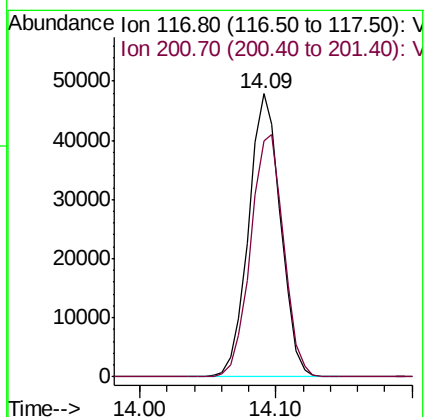
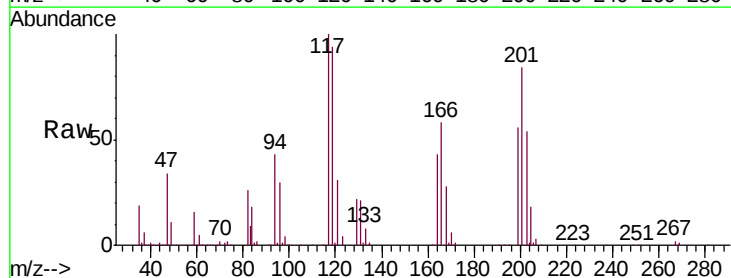
Acq: 08 Sep 2019 21:34

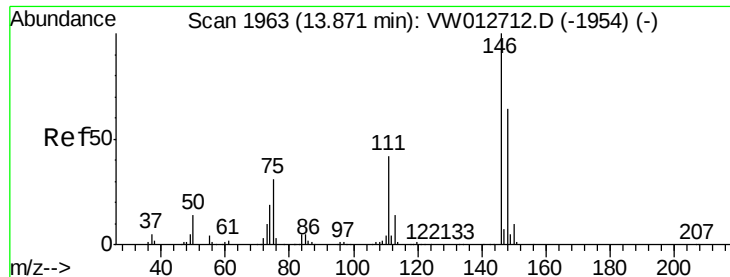
Tgt Ion: 117 Resp: 78871

Ion Ratio Lower Upper

117 100

201 88.4 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 51.585 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

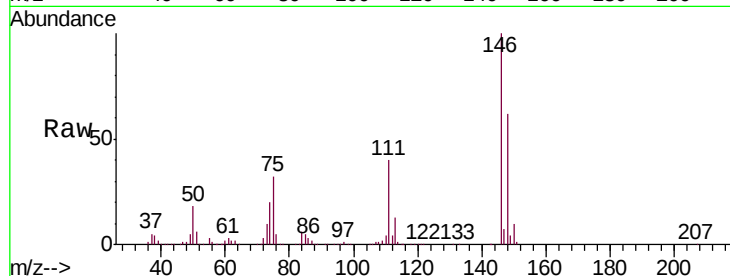
Tgt Ion: 146 Resp: 188271

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.9

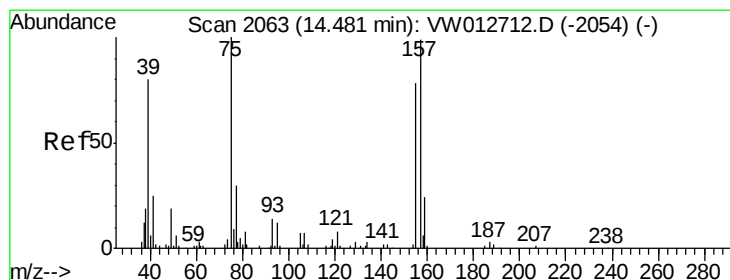
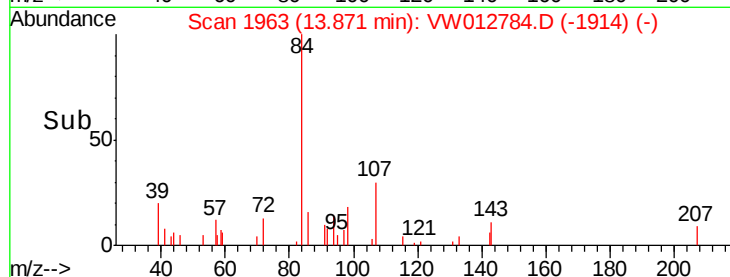
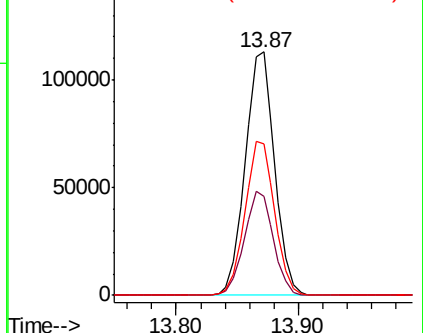
148 63.7 32.1 96.5



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: 45.287 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW012784.D

Acq: 08 Sep 2019 21:34

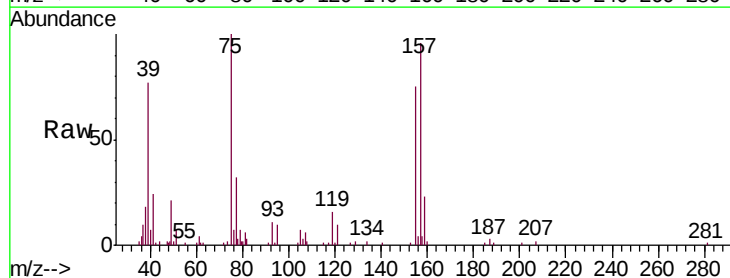
Tgt Ion: 75 Resp: 15156

Ion Ratio Lower Upper

75 100

155 77.7 40.6 122.0

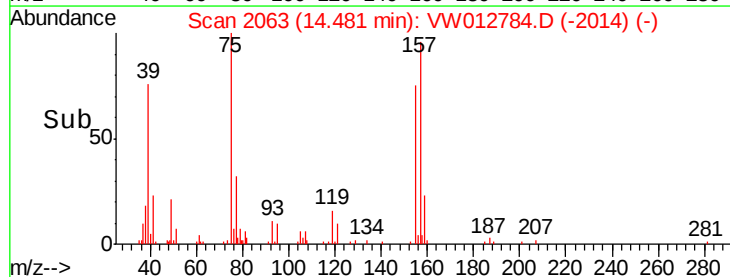
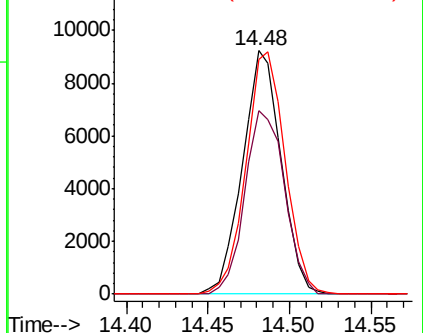
157 101.0 52.5 157.5

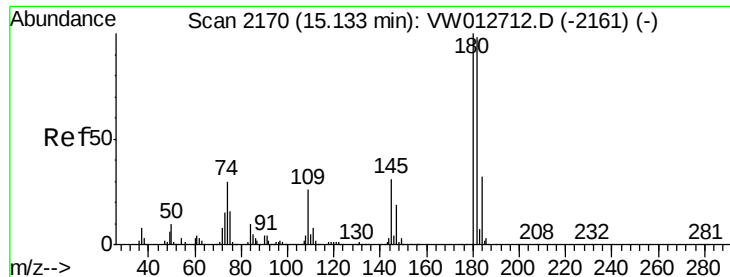


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

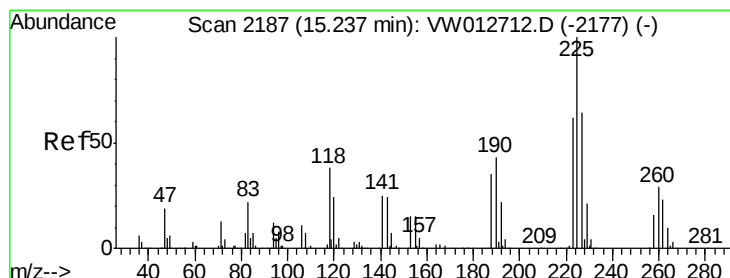
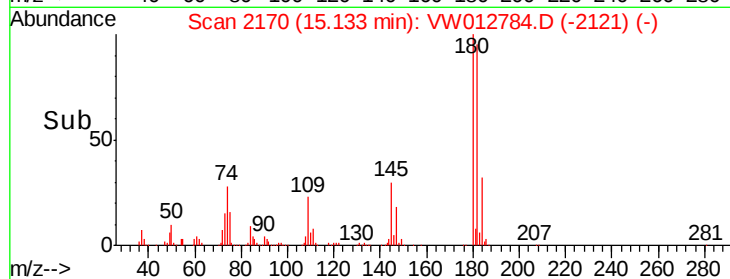
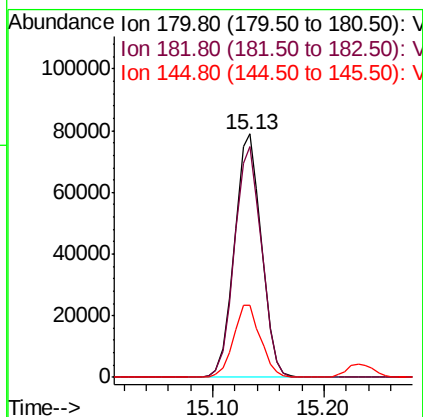
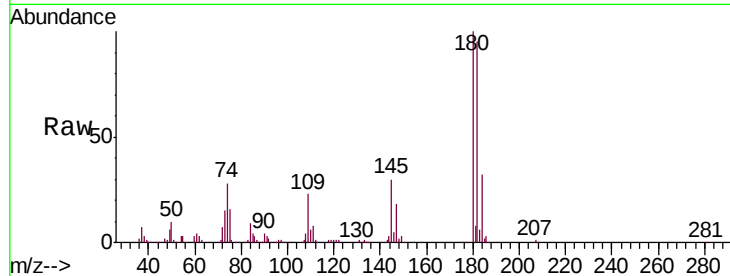




#93
 1,2,4-Trichlorobenzene
 Concen: 51.767 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

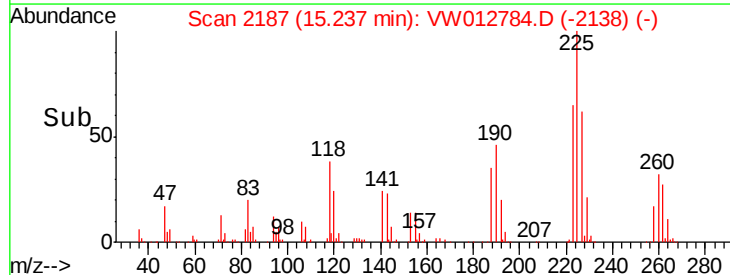
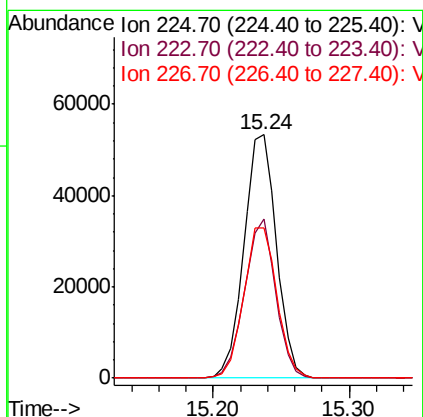
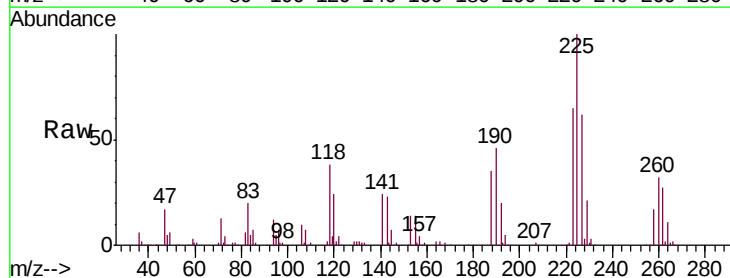
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

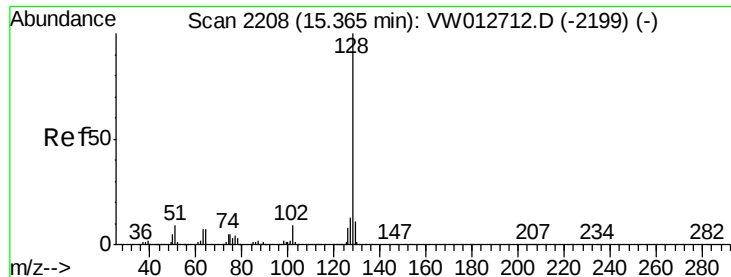
Tgt Ion:180 Resp: 131540
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.7 146.1
 145 29.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 50.724 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012784.D
 Acq: 08 Sep 2019 21:34

Tgt Ion:225 Resp: 89214
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 63.1 31.4 94.2

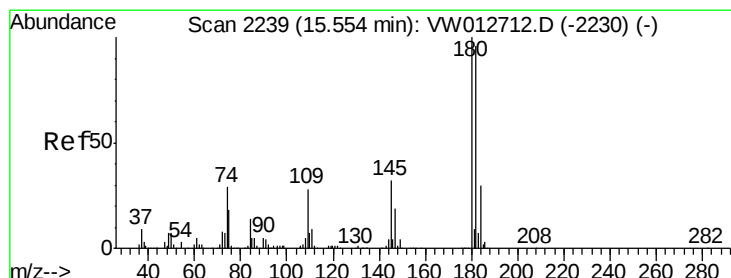
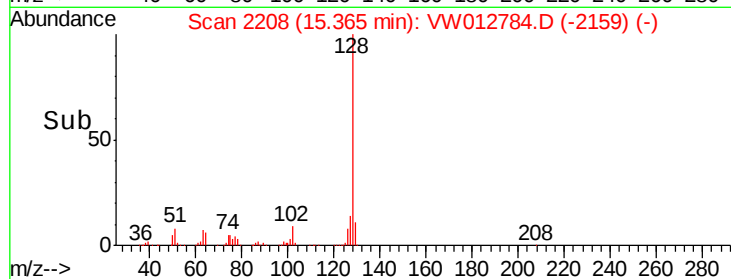
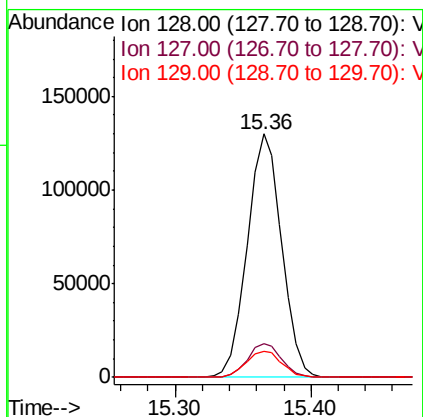
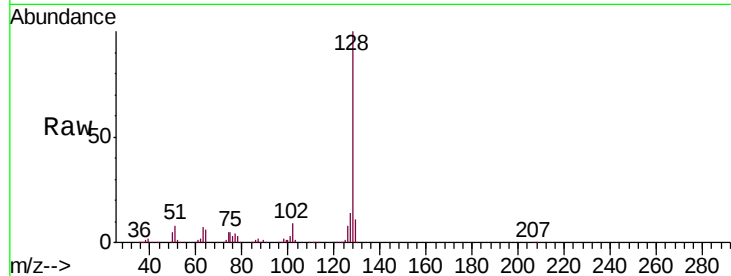




#95
Naphthalene
Concen: 43.722 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 229627
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.508 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012784.D
Acq: 08 Sep 2019 21:34

Tgt Ion:180 Resp: 117773
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 31.6 15.4 46.2

