

Data File : VW012838.D
Acq On : 09 Sep 2019 22:53
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Sep 10 07:05:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	240011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	119186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	99754	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	80089	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.32	98	322666	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.62	95	114322	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	42620	42.826	ug/l	93
3) Chloromethane	2.21	50	53508	44.241	ug/l	99
4) Vinyl Chloride	2.36	62	69933	47.158	ug/l	97
5) Bromomethane	2.77	94	42017	52.177	ug/l	97
6) Chloroethane	2.92	64	43802	49.497	ug/l #	85
7) Trichlorofluoromethane	3.25	101	44908	43.883	ug/l	99
8) Diethyl Ether	3.68	74	48403	56.276	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79657	49.601	ug/l	96
10) Methyl Iodide	4.27	142	100106	49.516	ug/l	97
11) Tert butyl alcohol	5.19	59	47960	305.606	ug/l	99
12) 1,1-Dichloroethene	4.04	96	72224	47.641	ug/l	95
13) Acrolein	3.89	56	43085	258.713	ug/l	99
14) Allyl chloride	4.67	41	143736	45.833	ug/l	99
15) Acrylonitrile	5.37	53	145386	289.403	ug/l	100
16) Acetone	4.13	43	130989	234.251	ug/l	97
17) Carbon Disulfide	4.39	76	140923	43.793	ug/l	99
18) Methyl Acetate	4.67	43	77021	58.708	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	167837	55.824	ug/l	98
20) Methylene Chloride	4.91	84	87456	49.992	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	75538	48.833	ug/l	89
22) Diisopropyl ether	6.31	45	313372	50.382	ug/l	97
23) Vinyl Acetate	6.25	43	1057548	268.285	ug/l	99
24) 1,1-Dichloroethane	6.21	63	164070	48.989	ug/l	99
25) 2-Butanone	7.17	43	201553	245.207	ug/l	100
26) 2,2-Dichloropropane	7.17	77	99599	47.086	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	91730	51.143	ug/l	96
28) Bromochloromethane	7.51	49	75185	48.891	ug/l #	92
29) Tetrahydrofuran	7.53	42	130604	289.228	ug/l	97
30) Chloroform	7.67	83	163880	49.374	ug/l	97
31) Cyclohexane	7.95	56	135646	44.989	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	133562	49.643	ug/l	98
36) 1,1-Dichloropropene	8.08	75	120648	49.447	ug/l	99
37) Ethyl Acetate	7.25	43	89569	57.586	ug/l	99
38) Carbon Tetrachloride	8.07	117	121352	50.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	135988	49.624	ug/l	98
40) Benzene	8.32	78	336721	49.740	ug/l	99
41) Methacrylonitrile	7.48	41	54702	51.603	ug/l	97
42) 1,2-Dichloroethane	8.40	62	121739	51.097	ug/l	100
43) Isopropyl Acetate	8.42	43	166234	56.412	ug/l	99
44) Trichloroethene	9.09	130	89283	51.165	ug/l	94
45) 1,2-Dichloropropane	9.37	63	94520	50.341	ug/l	98
46) Dibromomethane	9.46	93	49245	55.387	ug/l	98
47) Bromodichloromethane	9.64	83	126412	51.678	ug/l	100
48) Methyl methacrylate	9.43	41	78184	55.519	ug/l	99
49) 1,4-Dioxane	9.46	88	21117	1202.397	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	453886	293.537	ug/l	98
52) Toluene	10.38	92	218537	51.722	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	133921	53.243	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	147590	51.724	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	75691	56.864	ug/l	95
56) Ethyl methacrylate	10.64	69	113473	58.237	ug/l	98
57) 1,3-Dichloropropane	10.93	76	132100	53.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	301889	291.849	ug/l	97
59) 2-Hexanone	10.96	43	315141	278.966	ug/l	98
60) Dibromochloromethane	11.13	129	87720	56.034	ug/l	99
61) 1,2-Dibromoethane	11.23	107	69867	57.252	ug/l	99
64) Tetrachloroethene	10.86	164	78625	53.988	ug/l	98
65) Chlorobenzene	11.66	112	234622	51.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	90799	53.749	ug/l	98
67) Ethyl Benzene	11.73	91	439501	51.638	ug/l	98
68) m/p-Xylenes	11.83	106	321768	104.737	ug/l	98
69) o-Xylene	12.16	106	152127	52.488	ug/l	99
70) Styrene	12.18	104	272771	53.259	ug/l	99
71) Bromoform	12.35	173	55773	59.423	ug/l #	99
73) Isopropylbenzene	12.46	105	445391	52.103	ug/l	100
74) N-amyl acetate	12.27	43	151242	55.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	95747	55.772	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	126711	103.970	ug/l #	100
77) Bromobenzene	12.74	156	103723	53.556	ug/l	96
78) n-propylbenzene	12.80	91	520919	50.952	ug/l	99
79) 2-Chlorotoluene	12.89	91	295789	50.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	374516	51.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32117	55.738	ug/l	98
82) 4-Chlorotoluene	12.99	91	314550	50.666	ug/l	99
83) tert-Butylbenzene	13.21	119	341358	53.596	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	374095	51.541	ug/l	98
85) sec-Butylbenzene	13.38	105	464018	52.502	ug/l	98
86) p-Isopropyltoluene	13.50	119	425827	52.748	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	197043	51.762	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	195839	51.701	ug/l	99
89) n-Butylbenzene	13.82	91	392847	50.125	ug/l	99
90) Hexachloroethane	14.09	117	73878	52.422	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	179390	52.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18142	57.745	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090919\
Quantitation Report (Not Reviewed)

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Sample : VSTDCCC050
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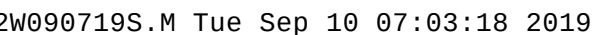
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

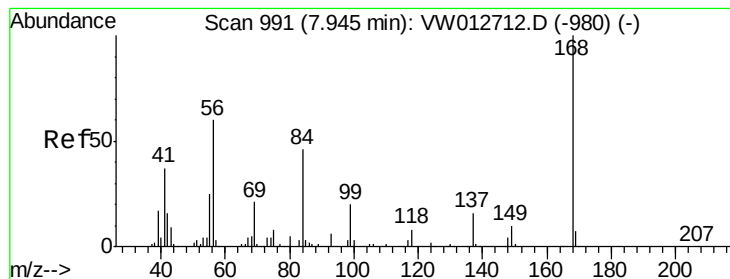
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	134077	56.206	ug/l	97
94) Hexachlorobutadiene	15.23	225	88479	53.587	ug/l	99
95) Naphthalene	15.36	128	283912	56.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	120736	57.340	ug/l	98

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

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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: VW012838.D

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ClientSampleId :

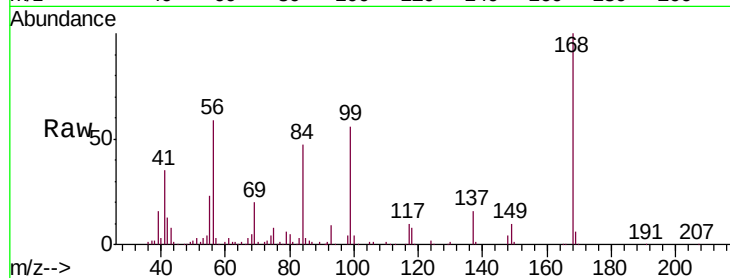
VSTDCCC050

Tgt Ion:168 Resp: 183575

Ion Ratio Lower Upper

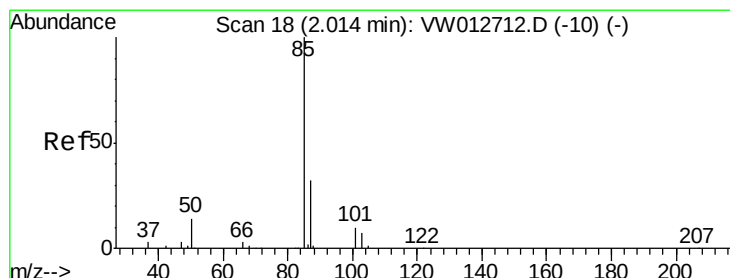
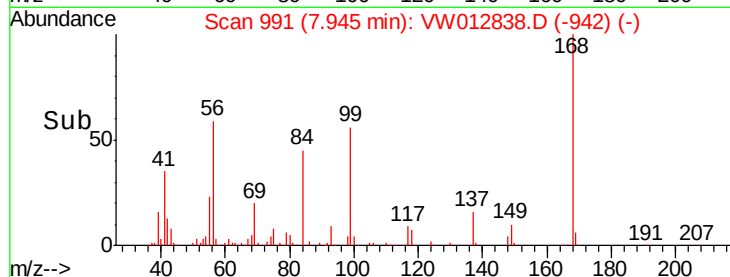
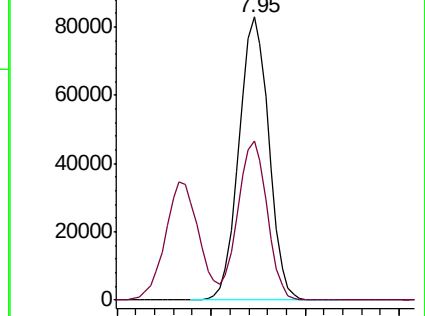
168 100

99 56.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.826 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012838.D

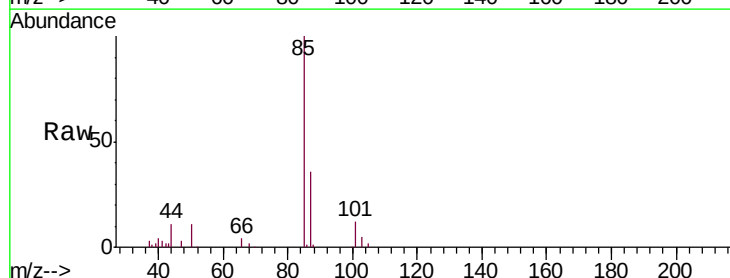
Acq: 09 Sep 2019 22:53

Tgt Ion: 85 Resp: 42620

Ion Ratio Lower Upper

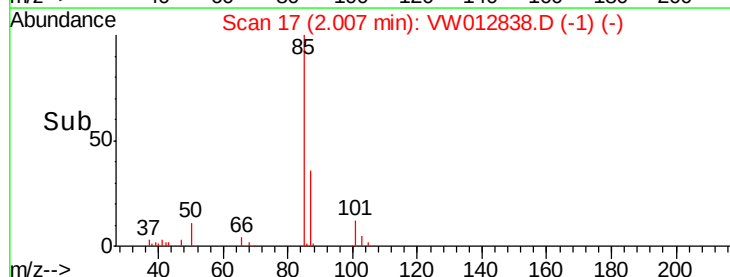
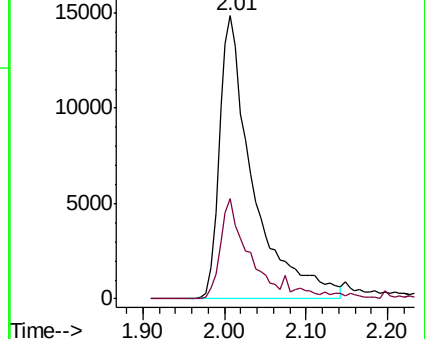
85 100

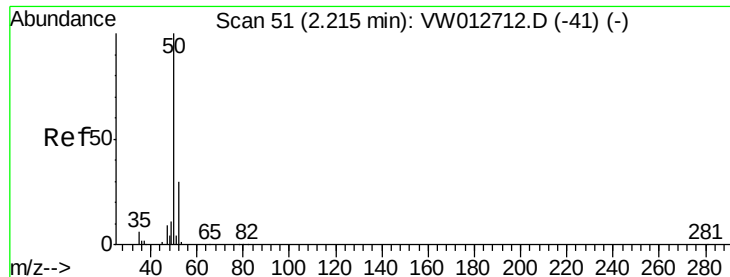
87 35.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

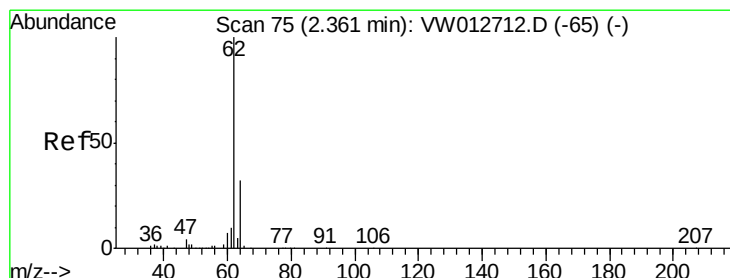
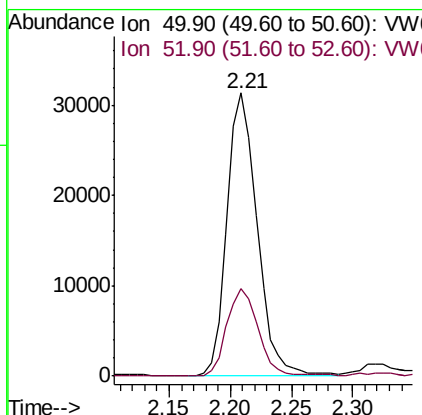
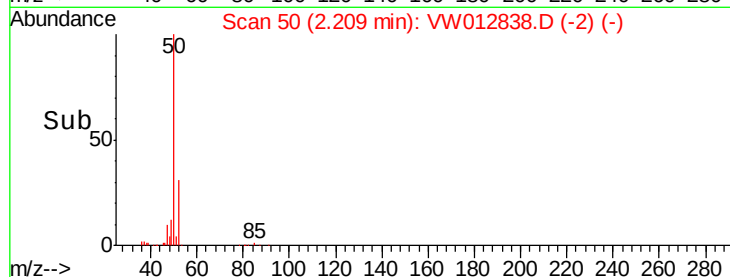
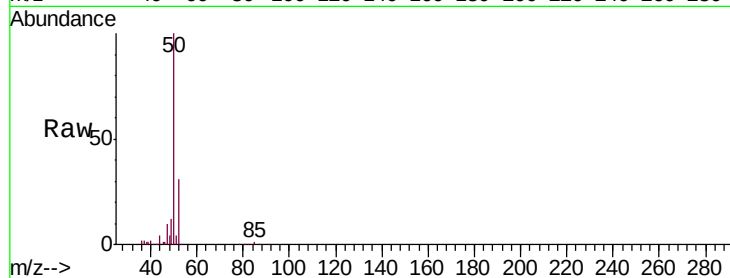




#3
Chloromethane
Concen: 44.241 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

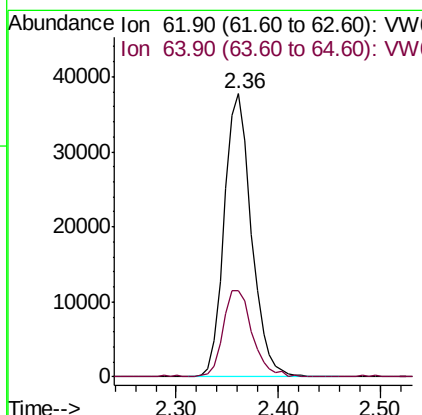
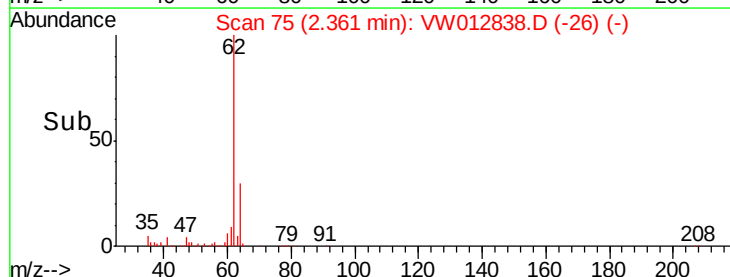
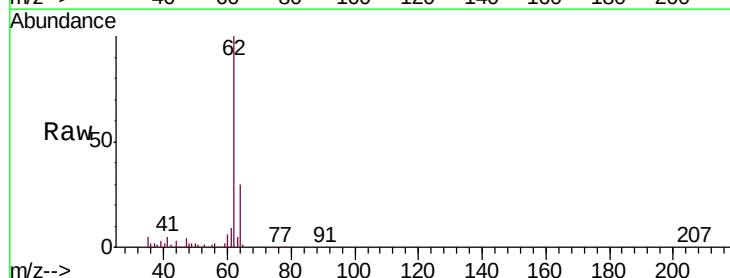
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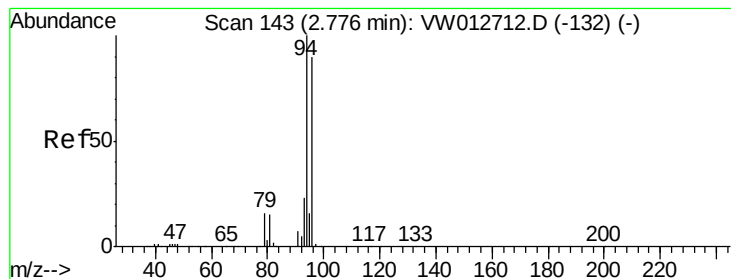
Tgt Ion: 50 Resp: 53508
Ion Ratio Lower Upper
50 100
52 30.9 24.2 36.2



#4
Vinyl Chloride
Concen: 47.158 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 62 Resp: 69933
Ion Ratio Lower Upper
62 100
64 30.1 25.3 37.9





#5

Bromomethane

Concen: 52.177 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

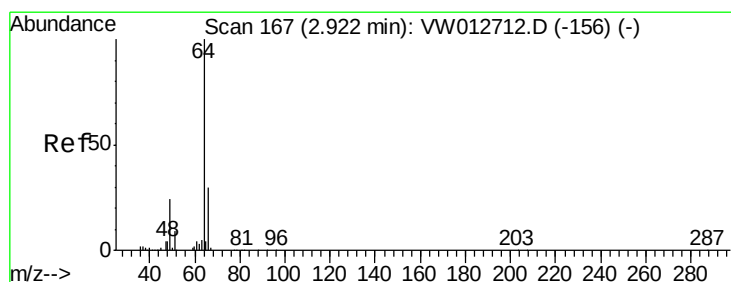
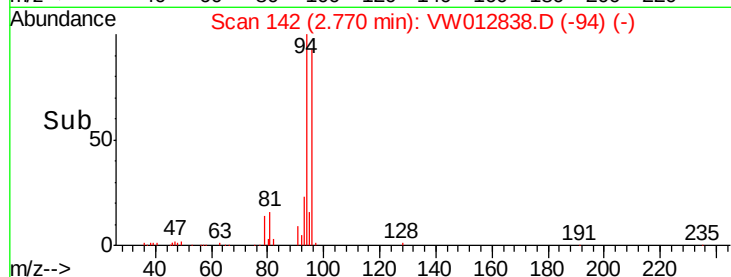
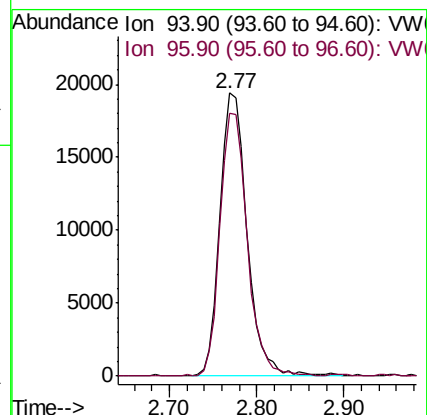
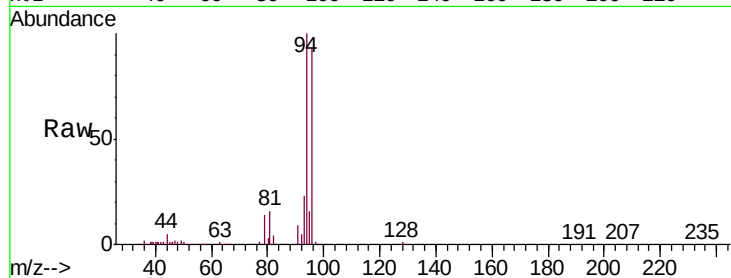
VSTDCCC050

Tgt Ion: 94 Resp: 42017

Ion Ratio Lower Upper

94 100

96 92.8 72.1 108.1



#6

Chloroethane

Concen: 49.497 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012838.D

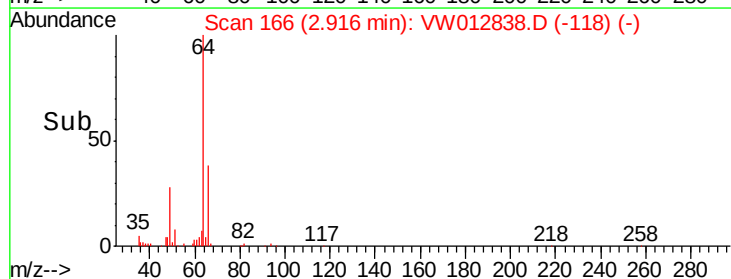
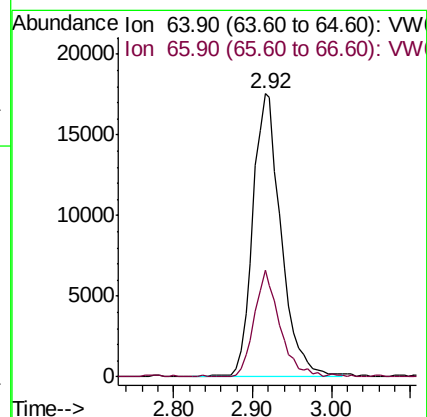
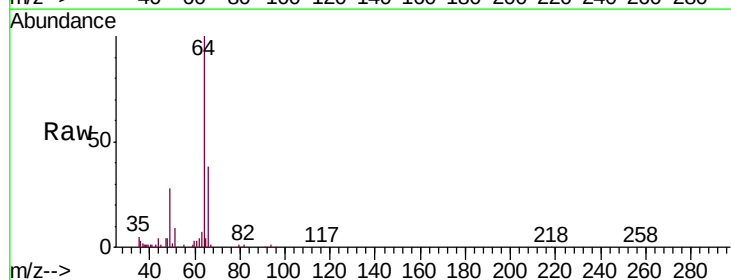
Acq: 09 Sep 2019 22:53

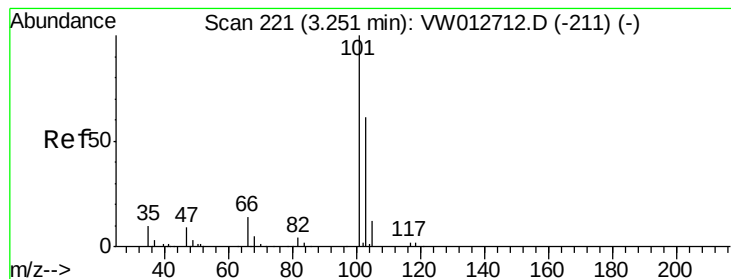
Tgt Ion: 64 Resp: 43802

Ion Ratio Lower Upper

64 100

66 37.9 23.8 35.6#



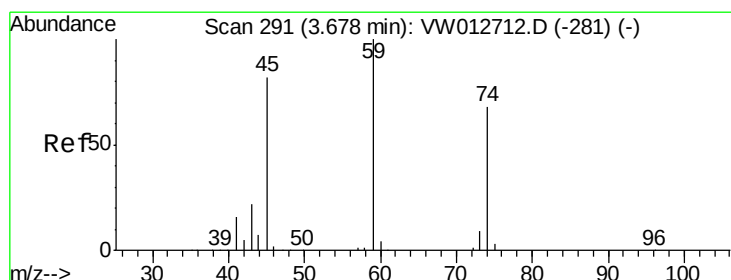
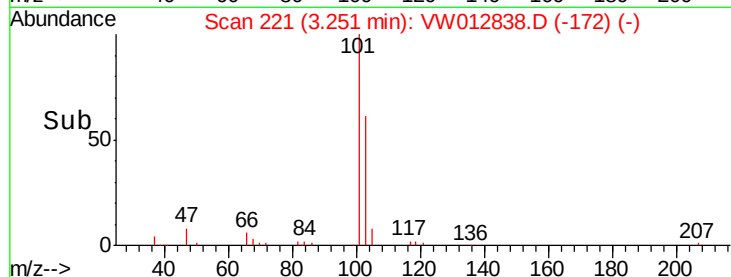
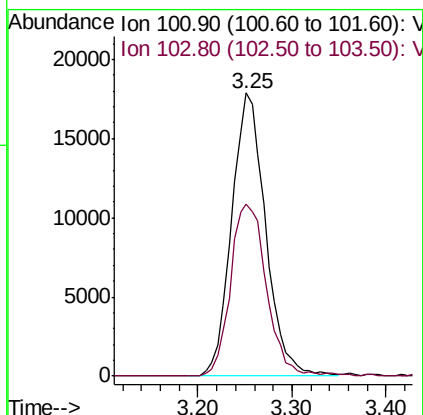
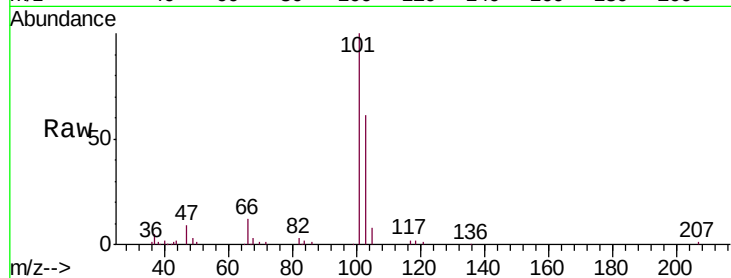


#7

Trichlorofluoromethane
 Concen: 43.883 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW012838.D
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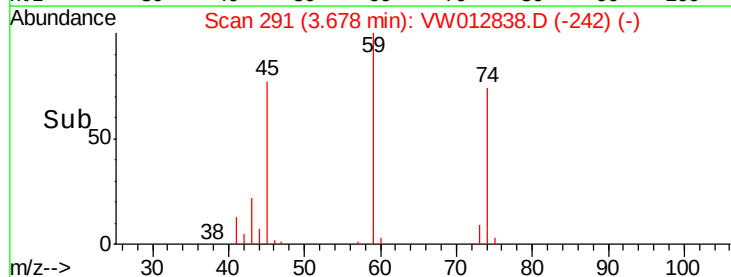
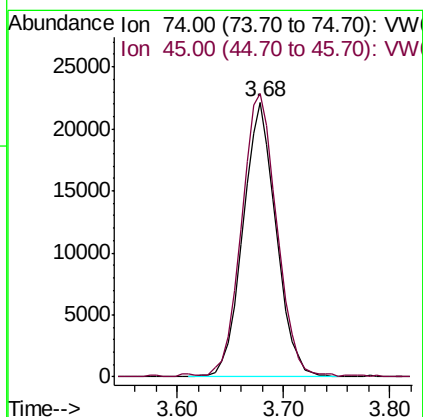
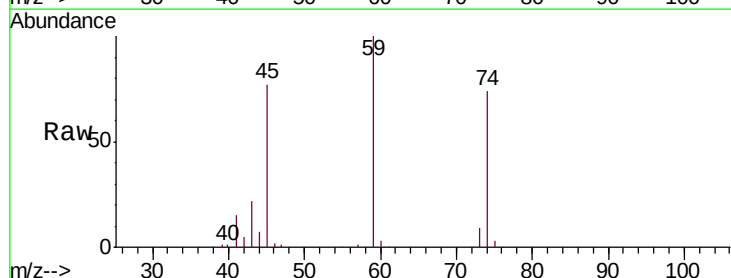
Tgt Ion:101 Resp: 44908
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.0 73.4

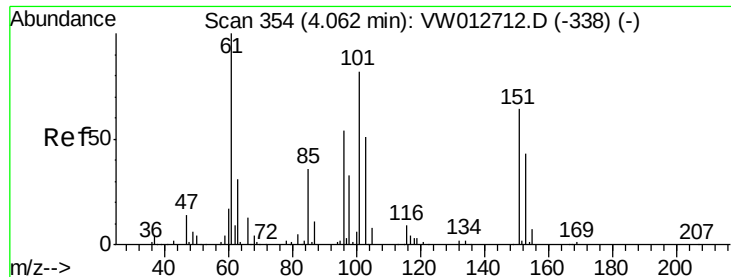


#8

Diethyl Ether
 Concen: 56.276 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 74 Resp: 48403
 Ion Ratio Lower Upper
 74 100
 45 108.2 58.8 176.4

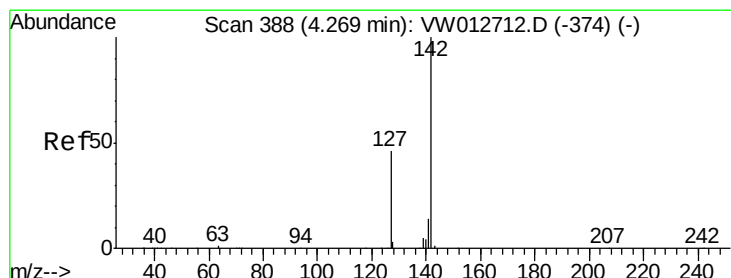
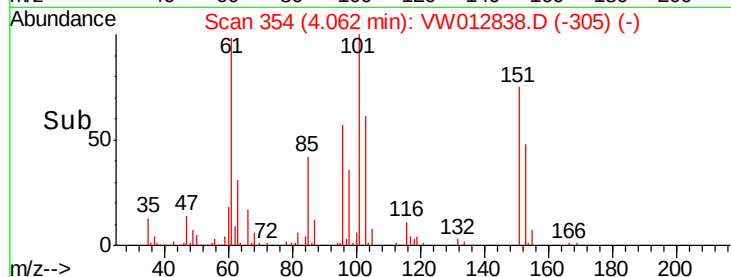
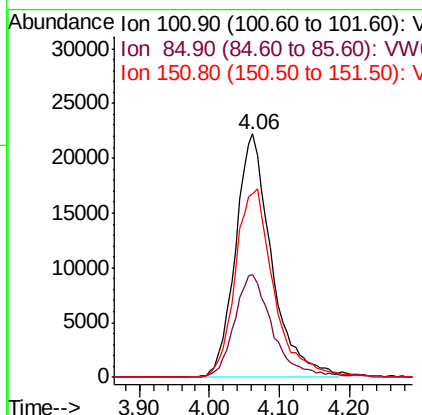
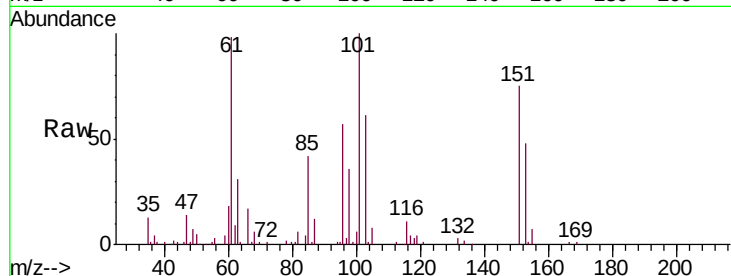




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.601 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VW012838.D
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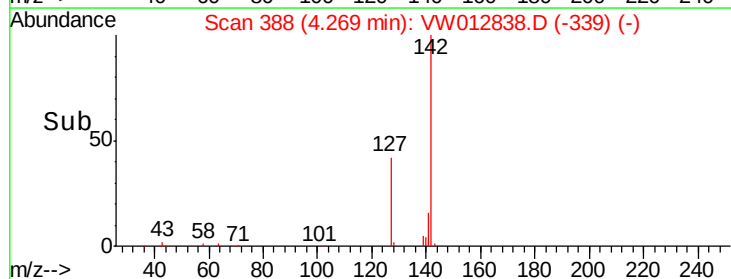
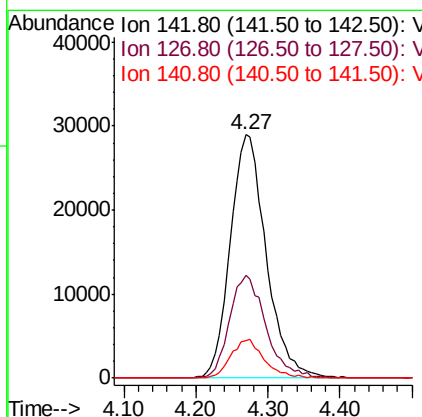
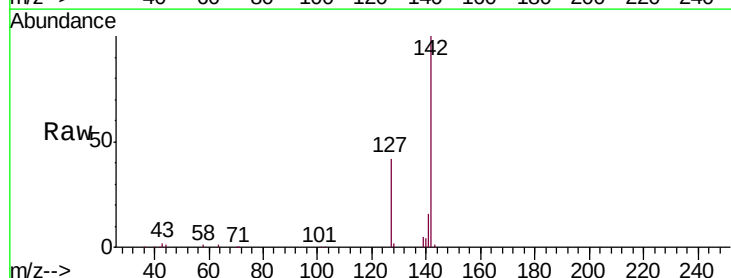
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

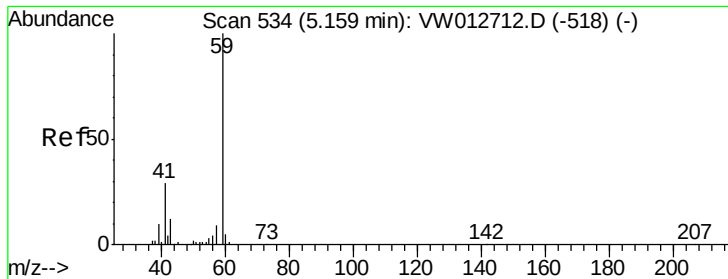
Tgt Ion:101 Resp: 79657
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.2 54.2
 151 82.9 61.9 92.9



#10
 Methyl Iodide
 Concen: 49.516 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:142 Resp: 100106
 Ion Ratio Lower Upper
 142 100
 127 42.7 36.0 54.0
 141 15.0 12.2 18.4

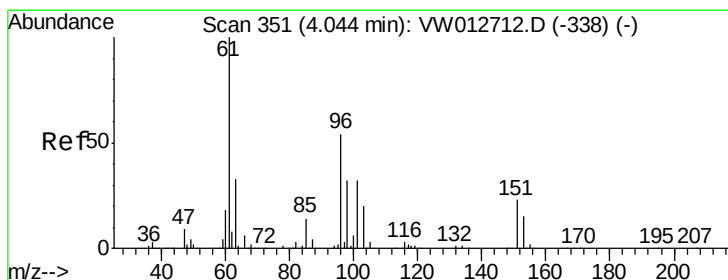
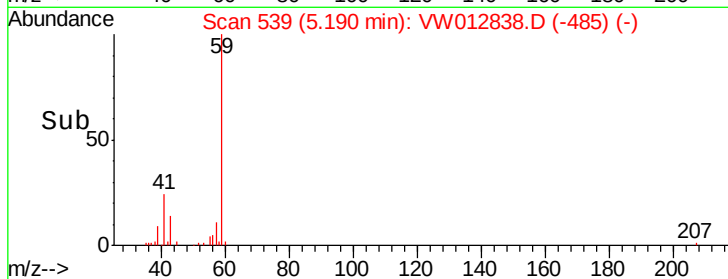
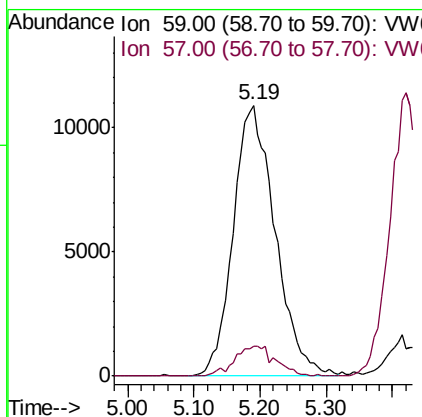
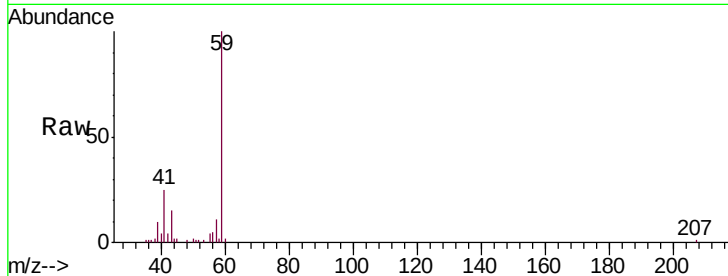




#11
Tert butyl alcohol
Concen: 305.606 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.03 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

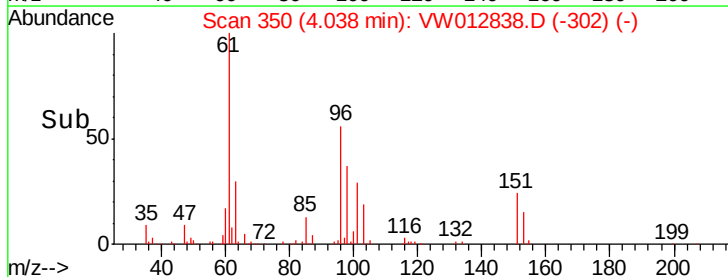
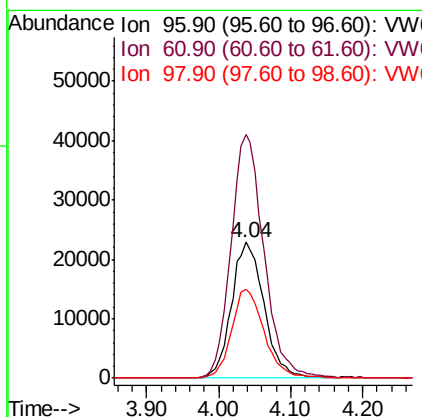
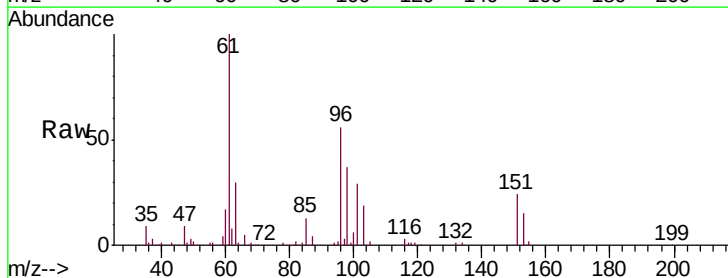
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

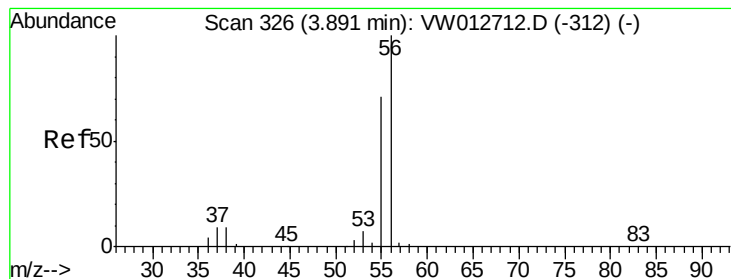
Tgt Ion: 59 Resp: 47960
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.641 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 96 Resp: 72224
Ion Ratio Lower Upper
96 100
61 179.4 147.8 221.6
98 65.8 47.9 71.9





#13

Acrolein

Concen: 258.713 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

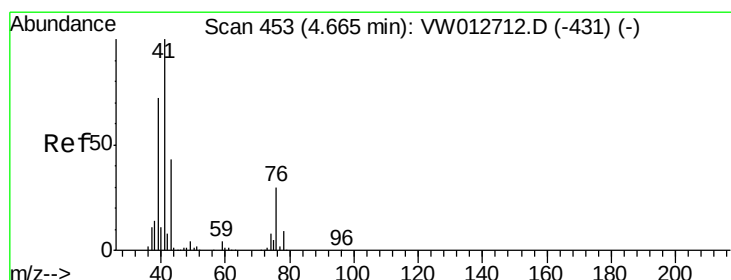
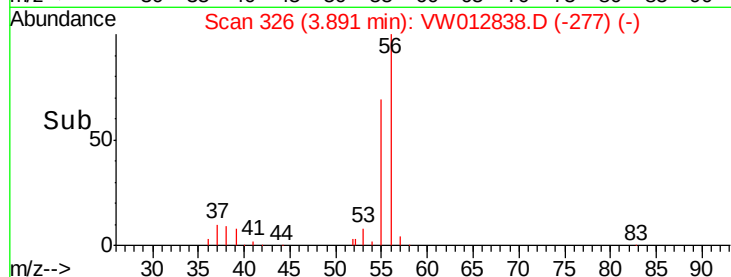
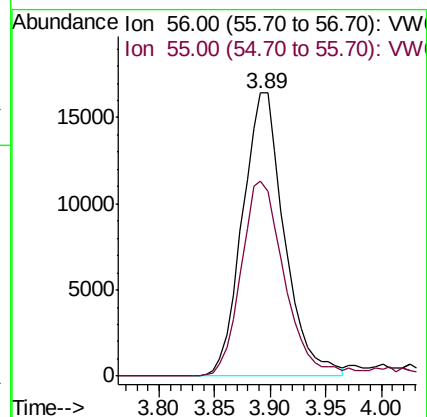
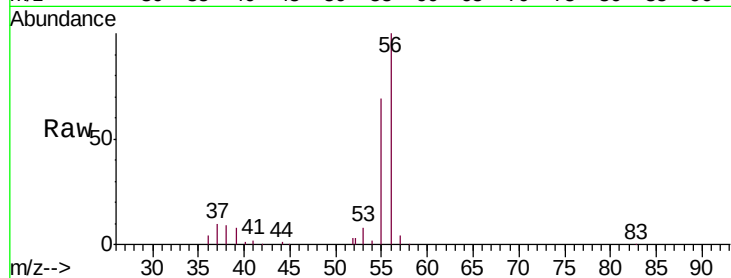
VSTDCCC050

Tgt Ion: 56 Resp: 43085

Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3



#14

Allyl chloride

Concen: 45.833 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

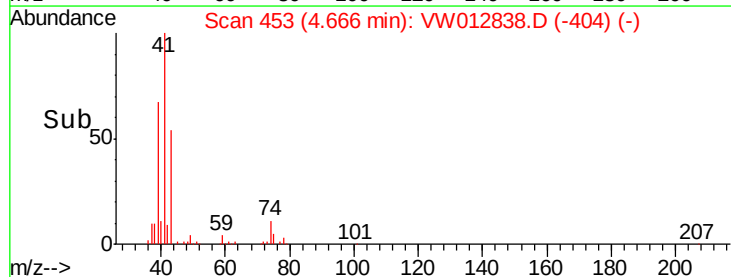
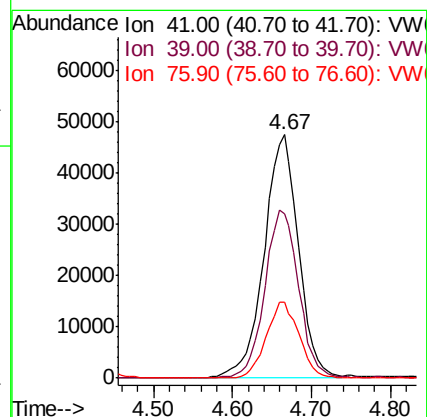
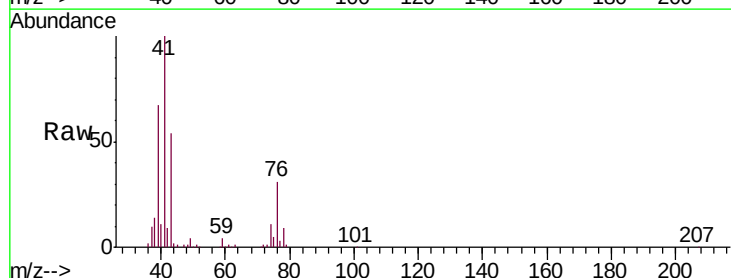
Tgt Ion: 41 Resp: 143736

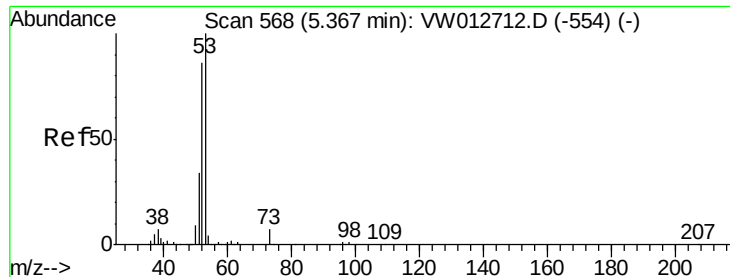
Ion Ratio Lower Upper

41 100

39 68.1 55.0 82.6

76 30.1 23.0 34.4





#15

Acrylonitrile

Concen: 289.403 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

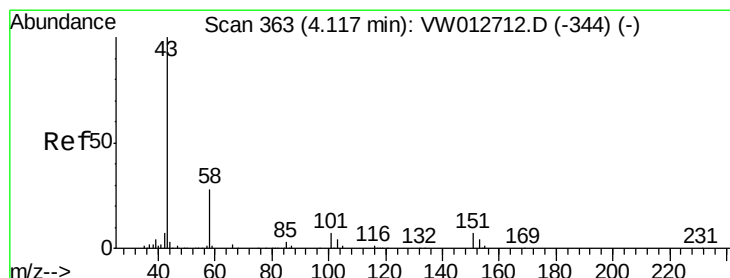
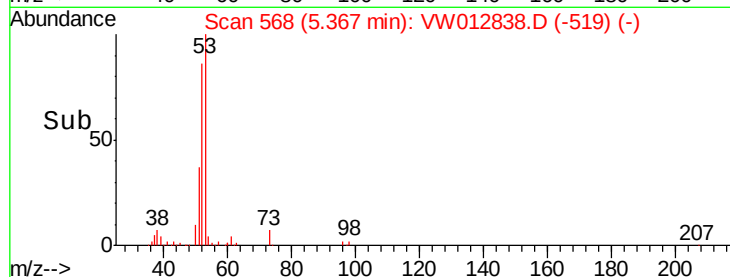
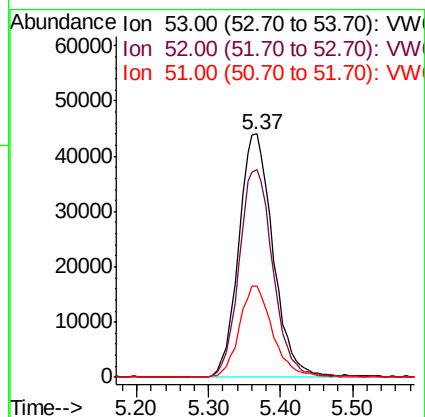
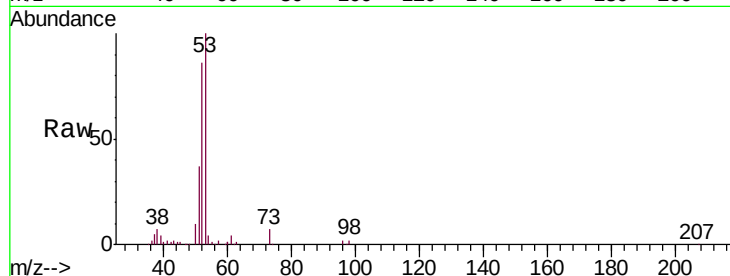
Tgt Ion: 53 Resp: 145386

Ion Ratio Lower Upper

53 100

52 83.8 67.0 100.4

51 36.8 29.8 44.8



#16

Acetone

Concen: 234.251 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012838.D

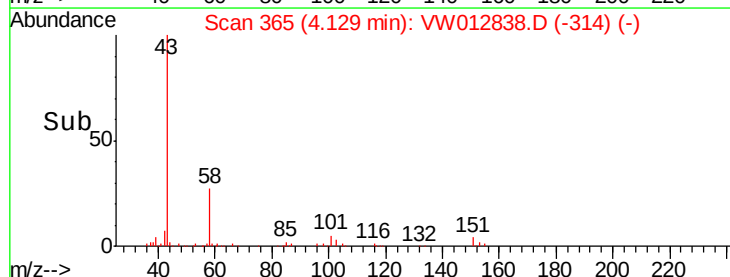
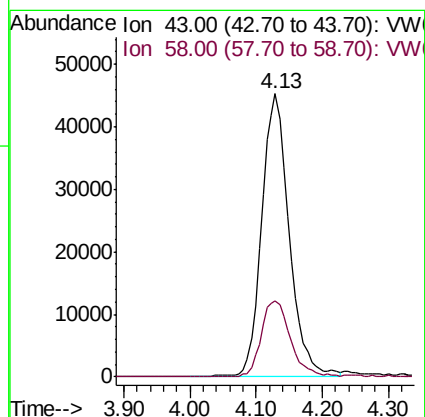
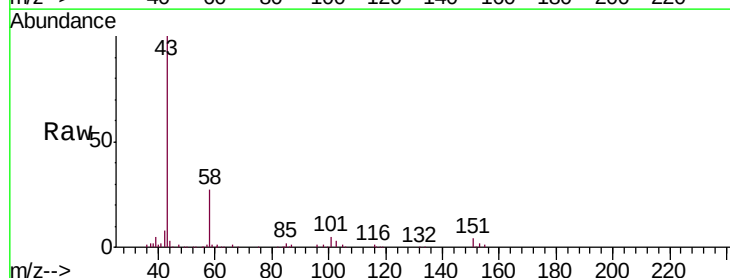
Acq: 09 Sep 2019 22:53

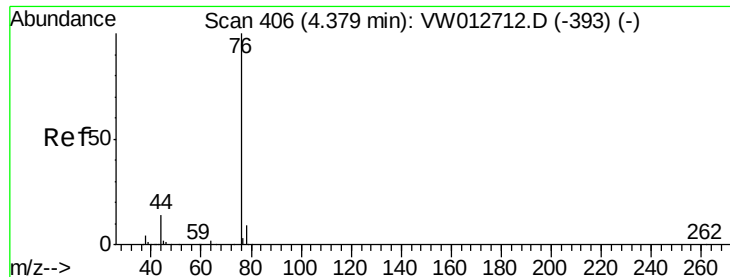
Tgt Ion: 43 Resp: 130989

Ion Ratio Lower Upper

43 100

58 26.7 22.6 33.8





#17

Carbon Disulfide

Concen: 43.793 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

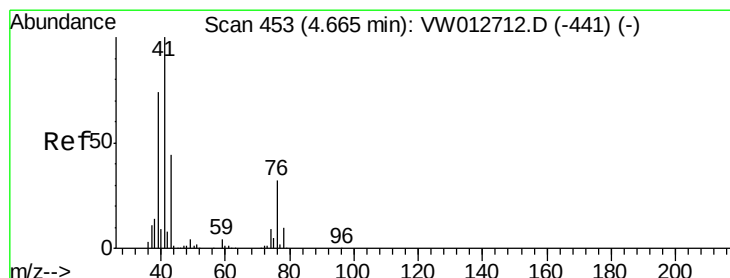
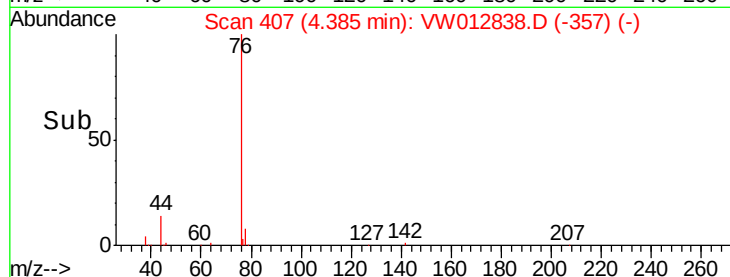
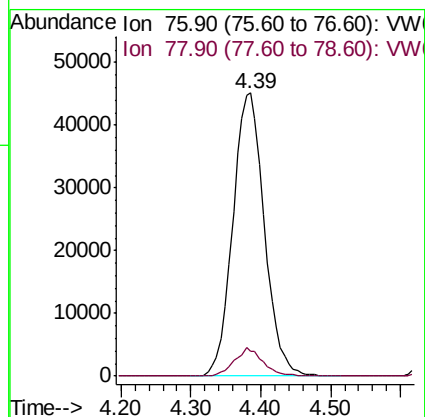
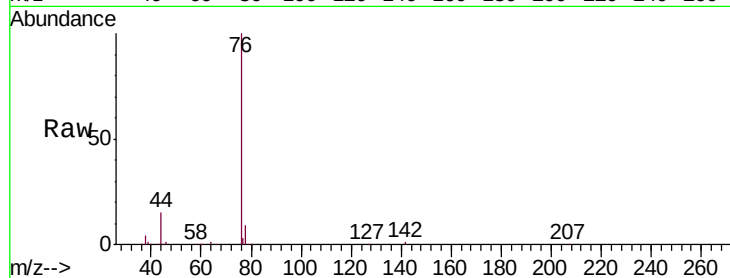
VSTDCCC050

Tgt Ion: 76 Resp: 140923

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 58.708 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012838.D

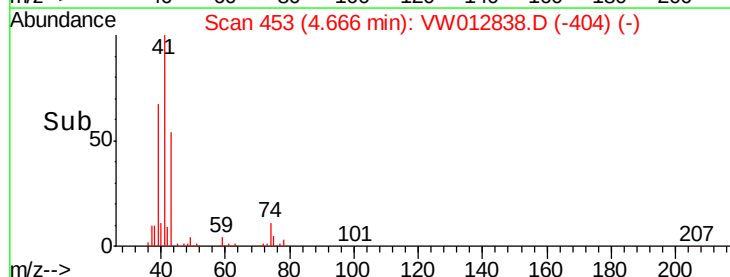
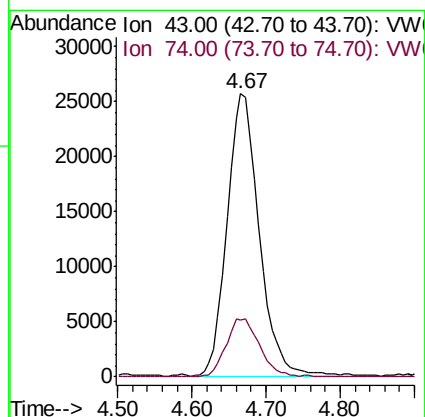
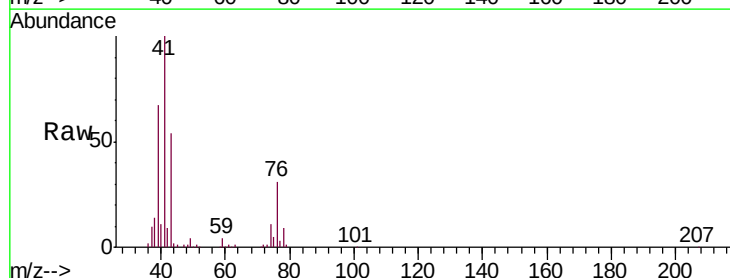
Acq: 09 Sep 2019 22:53

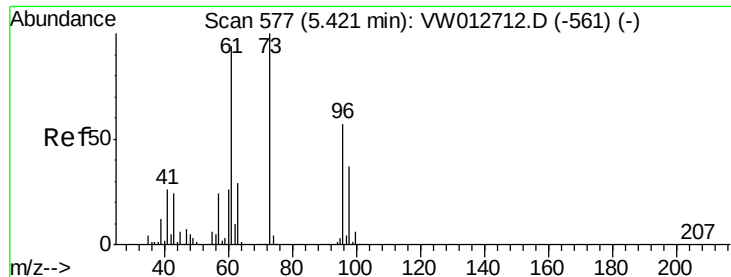
Tgt Ion: 43 Resp: 77021

Ion Ratio Lower Upper

43 100

74 21.5 15.8 23.6

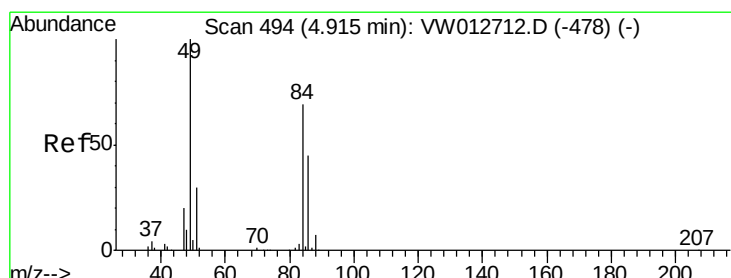
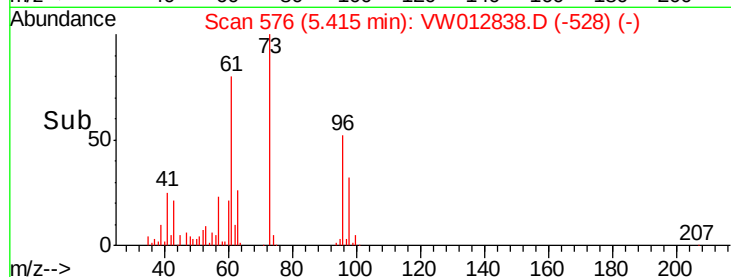
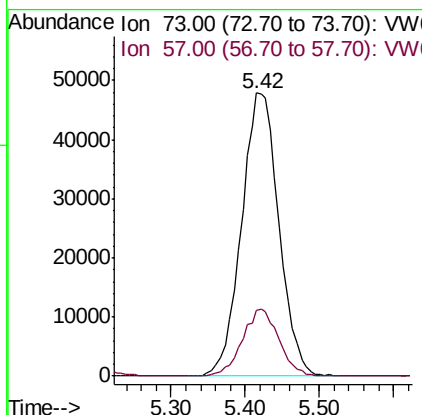
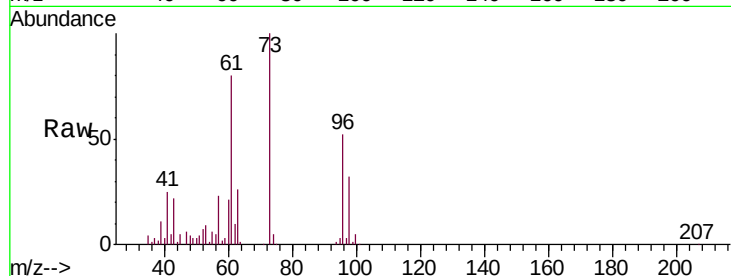




#19
Methyl tert-butyl Ether
Concen: 55.824 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

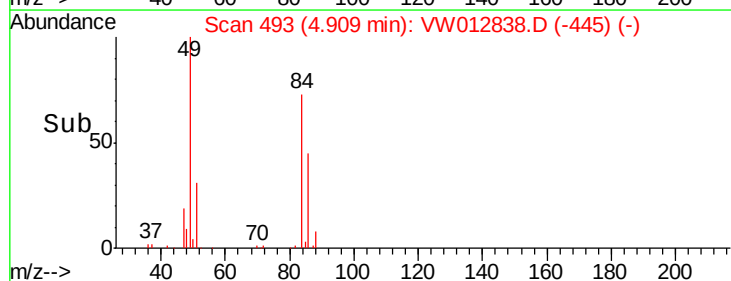
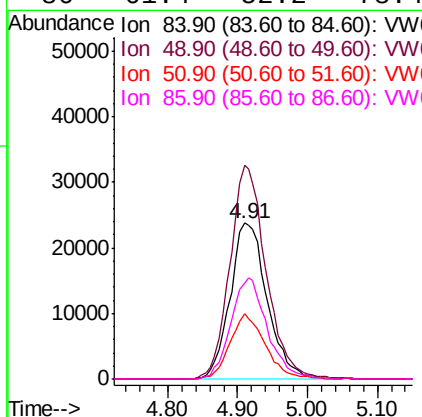
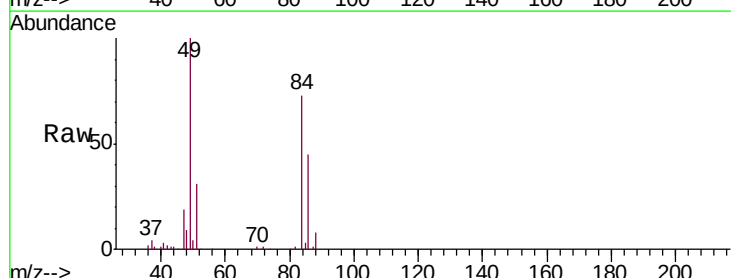
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

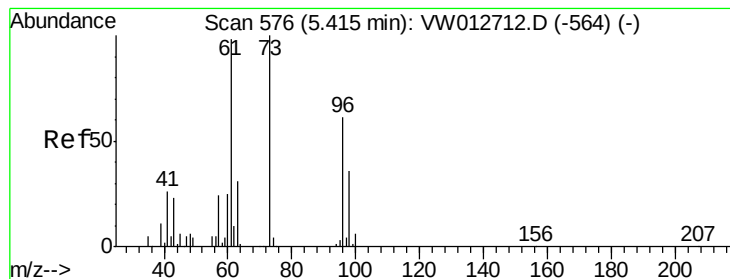
Tgt Ion: 73 Resp: 167837
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 49.992 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 84 Resp: 87456
Ion Ratio Lower Upper
84 100
49 136.8 115.4 173.0
51 41.9 34.9 52.3
86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.833 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

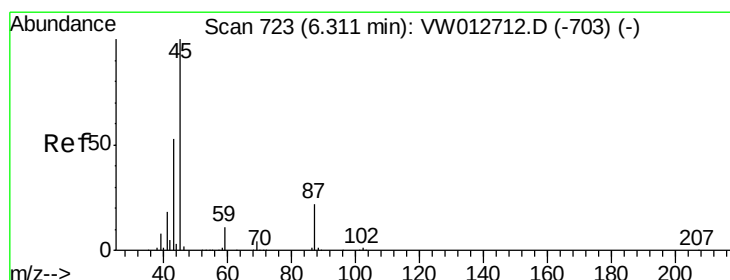
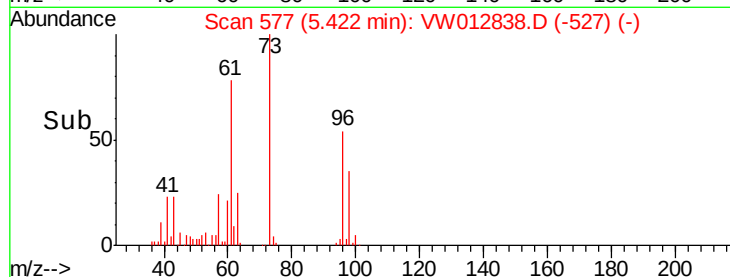
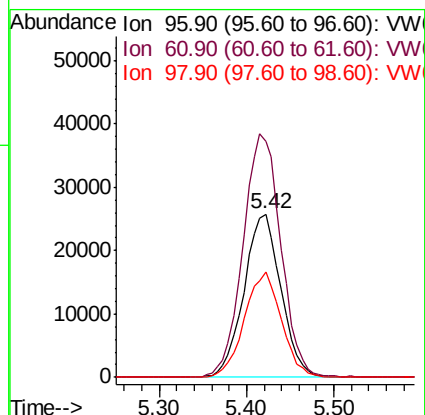
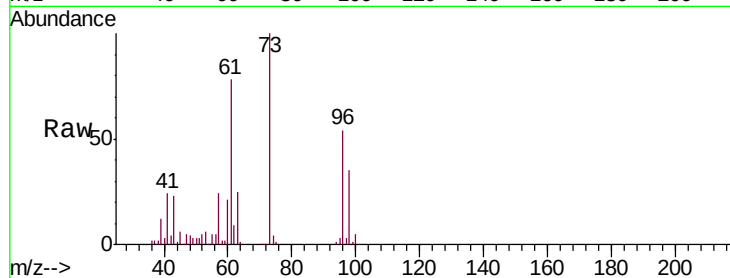
Tgt Ion: 96 Resp: 75538

Ion Ratio Lower Upper

96 100

61 144.4 129.2 193.8

98 64.2 48.0 72.0



#22

Diisopropyl ether

Concen: 50.382 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Tgt Ion: 45 Resp: 313372

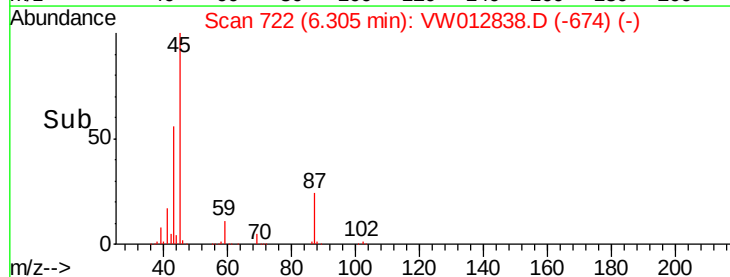
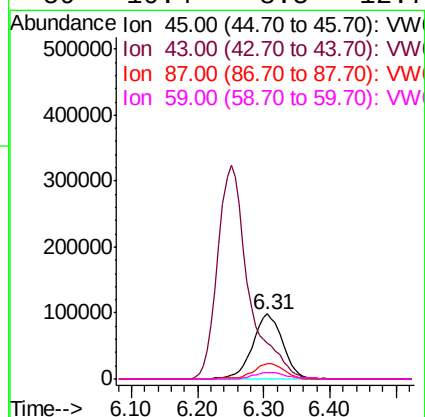
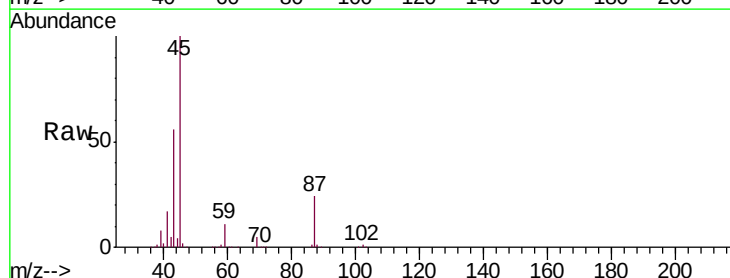
Ion Ratio Lower Upper

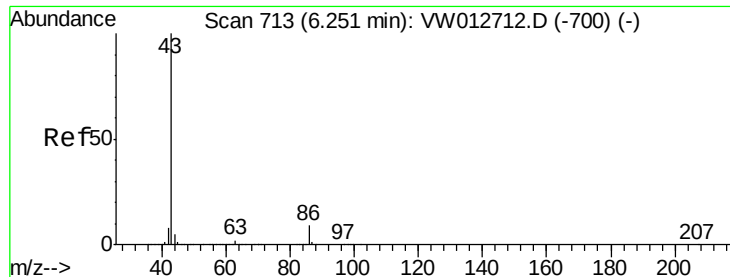
45 100

43 55.8 42.3 63.5

87 23.8 18.2 27.2

59 10.4 8.5 12.7





#23

Vinyl Acetate

Concen: 268.285 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

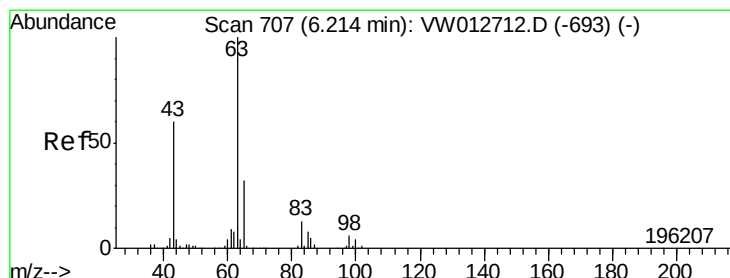
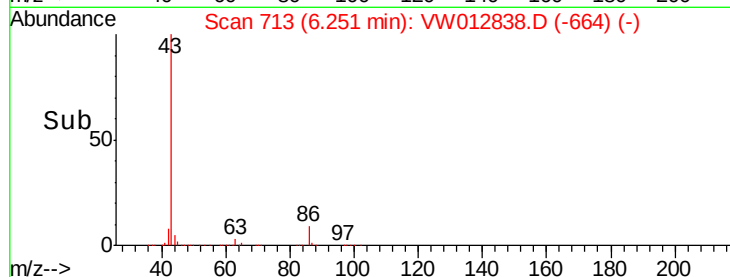
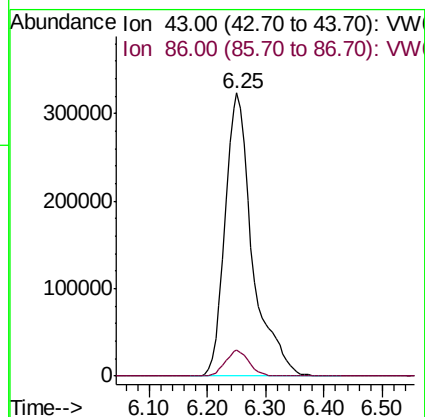
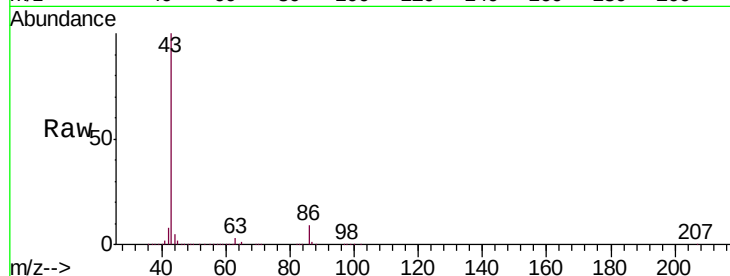
VSTDCCC050

Tgt Ion: 43 Resp: 1057548

Ion Ratio Lower Upper

43 100

86 9.2 7.0 10.6



#24

1,1-Dichloroethane

Concen: 48.989 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

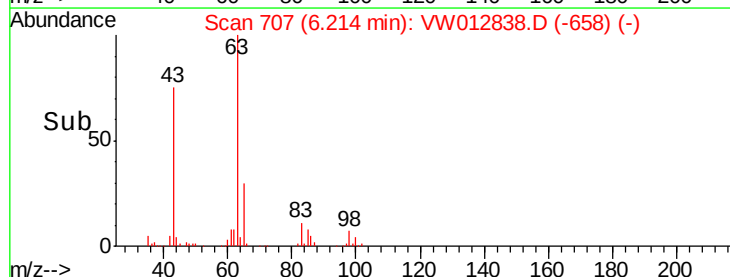
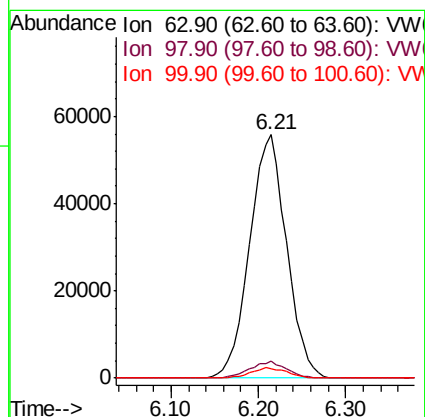
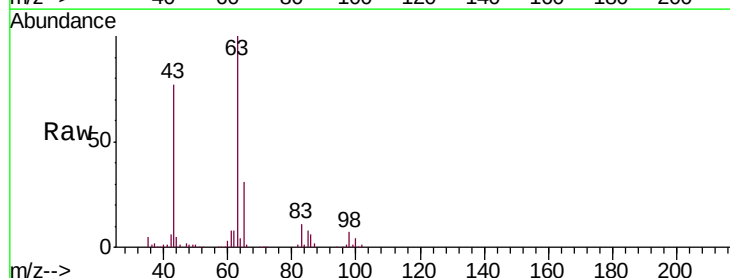
Tgt Ion: 63 Resp: 164070

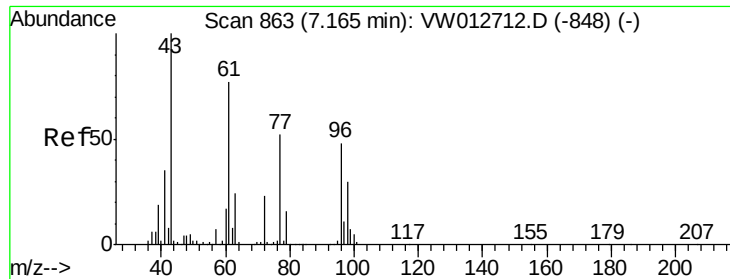
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 245.207 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

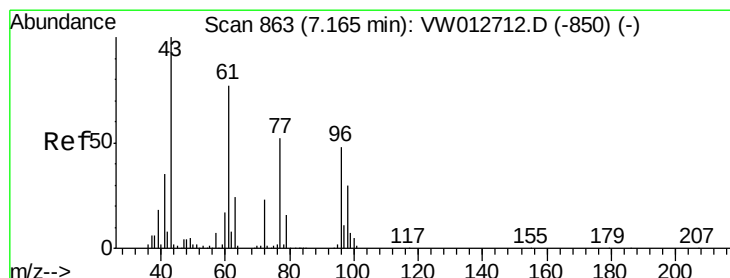
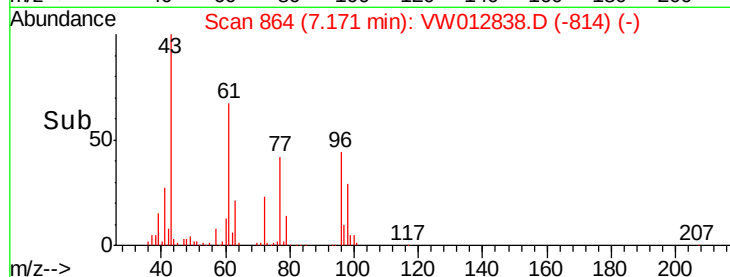
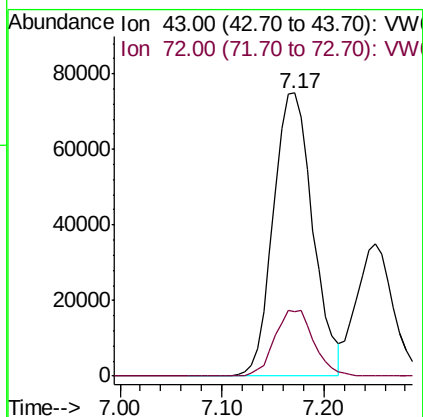
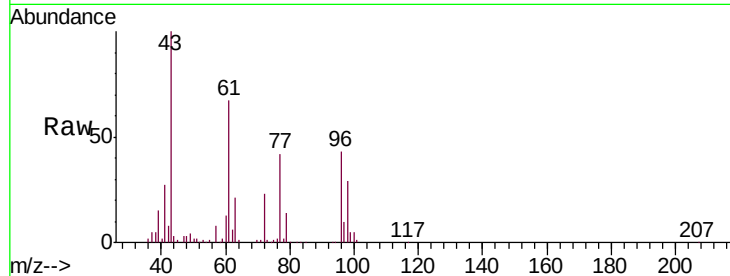
VSTDCCC050

Tgt Ion: 43 Resp: 201553

Ion Ratio Lower Upper

43 100

72 22.7 18.0 27.0



#26

2,2-Dichloropropane

Concen: 47.086 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012838.D

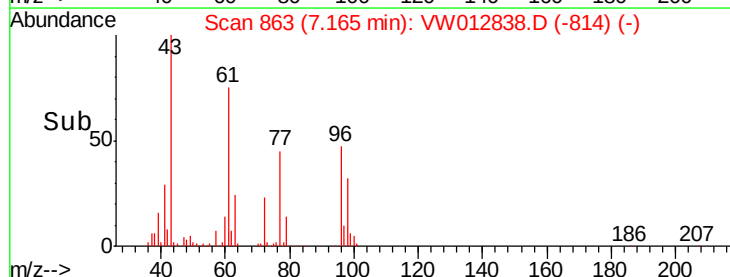
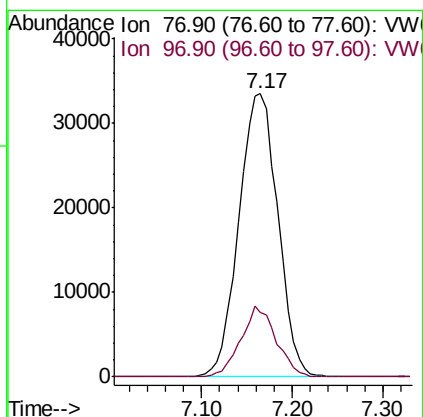
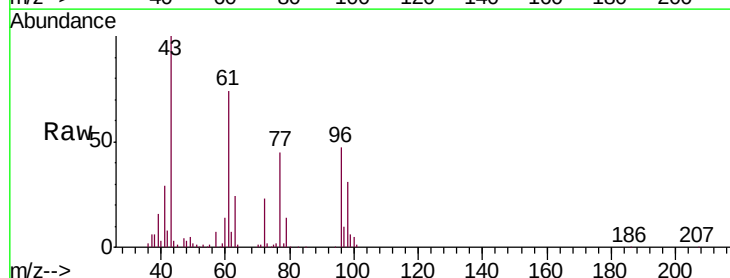
Acq: 09 Sep 2019 22:53

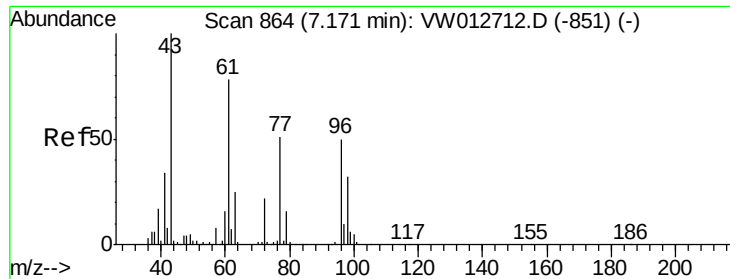
Tgt Ion: 77 Resp: 99599

Ion Ratio Lower Upper

77 100

97 22.6 10.7 32.1

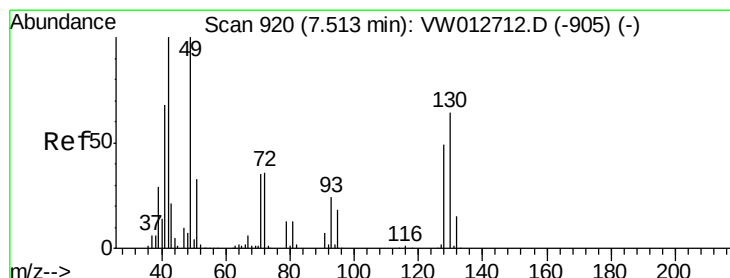
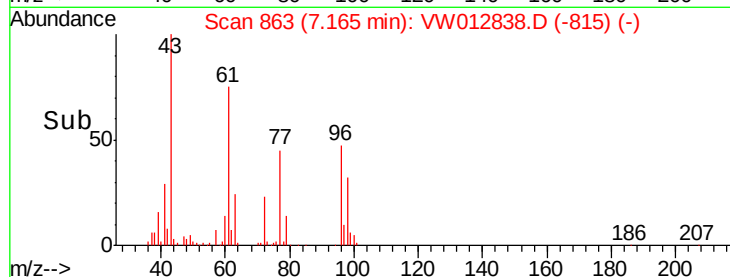
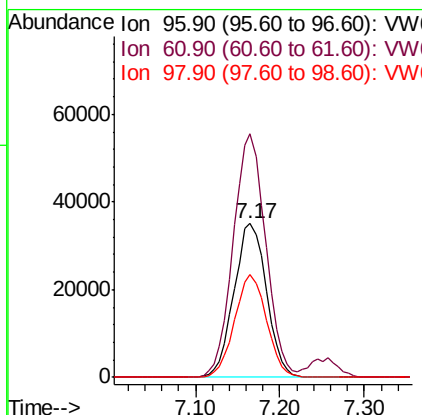
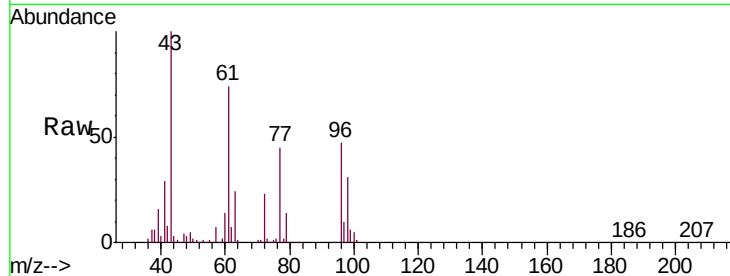




#27
 cis-1,2-Dichloroethene
 Concen: 51.143 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

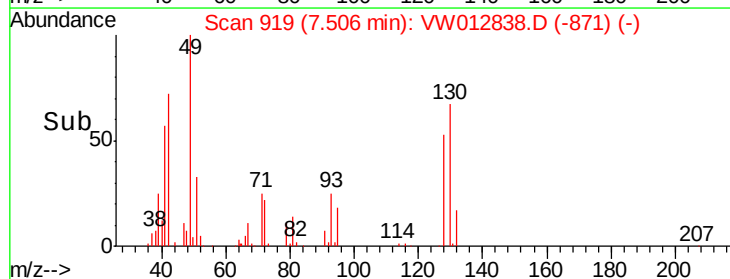
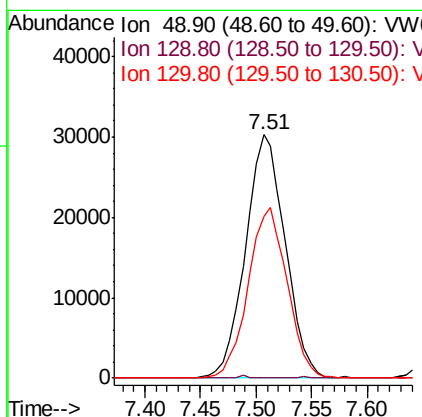
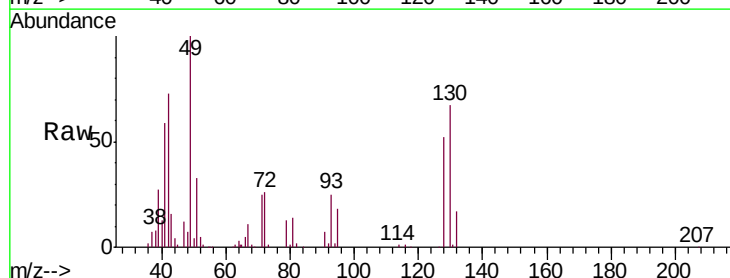
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

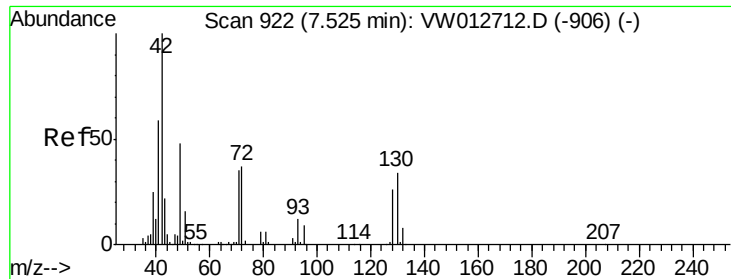
Tgt Ion: 96 Resp: 91730
 Ion Ratio Lower Upper
 96 100
 61 157.6 0.0 325.8
 98 65.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 48.891 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 49 Resp: 75185
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.8
 130 68.9 49.8 74.8

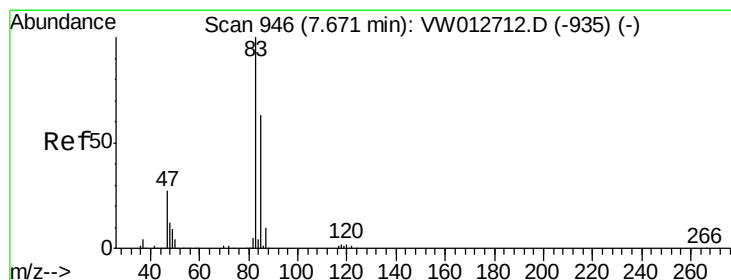
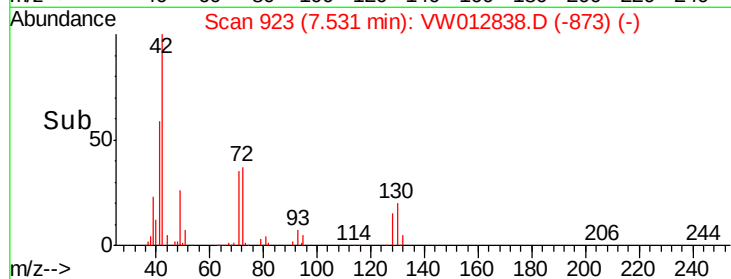
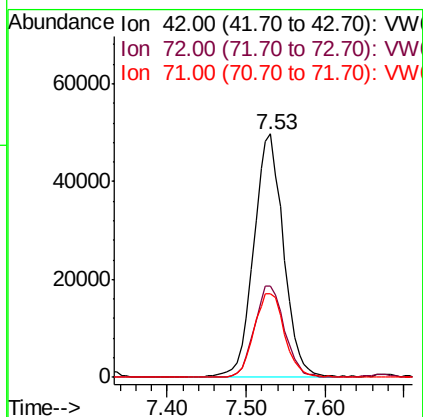
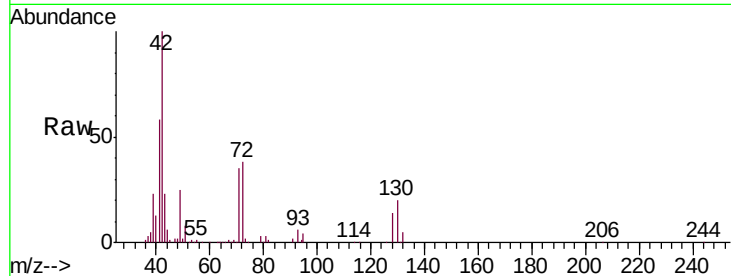




#29
Tetrahydrofuran
Concen: 289.228 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

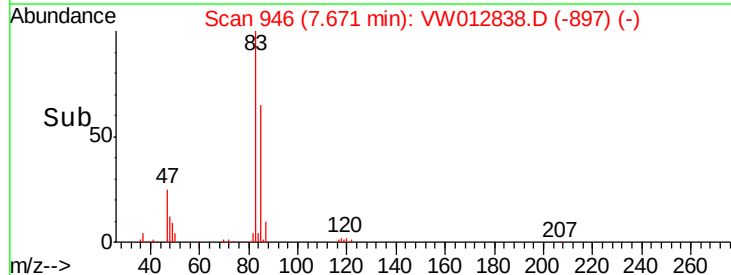
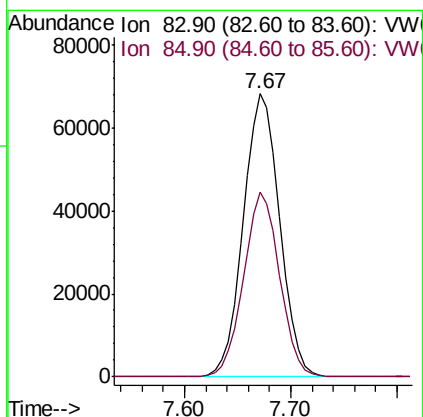
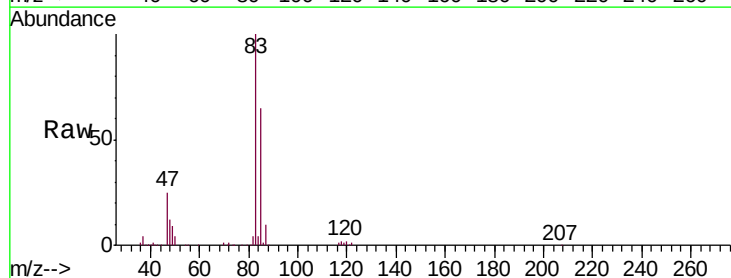
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

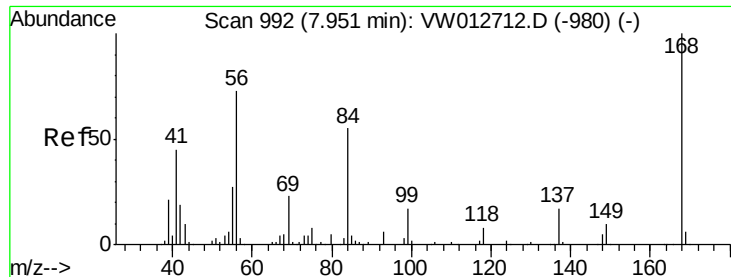
Tgt Ion: 42 Resp: 130604
Ion Ratio Lower Upper
42 100
72 38.0 28.4 42.6
71 35.3 27.1 40.7



#30
Chloroform
Concen: 49.374 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 83 Resp: 163880
Ion Ratio Lower Upper
83 100
85 65.3 50.6 76.0

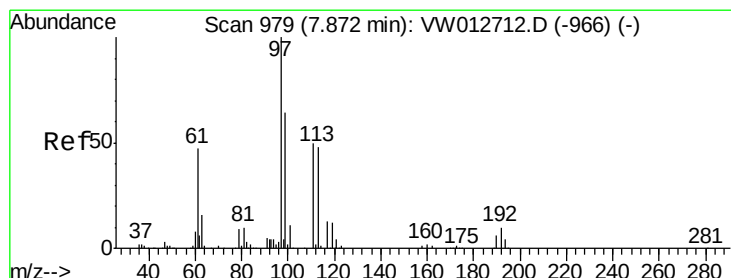
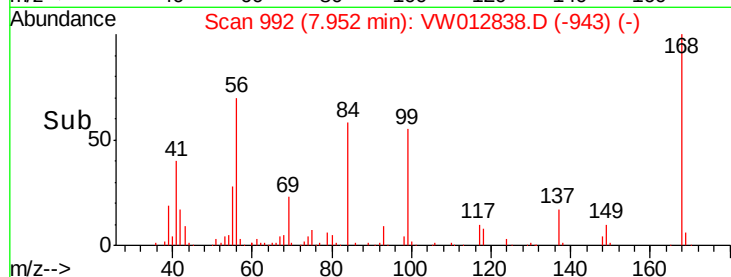
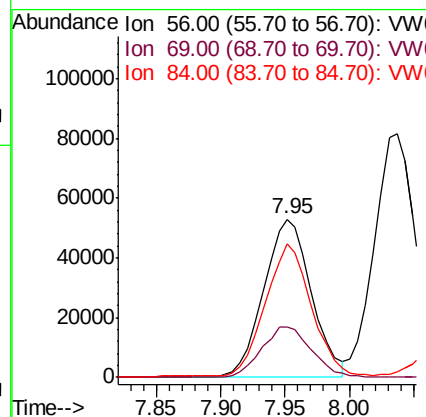
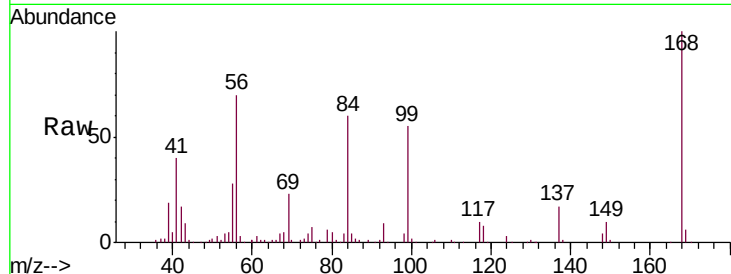




#31
Cyclohexane
Concen: 44.989 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

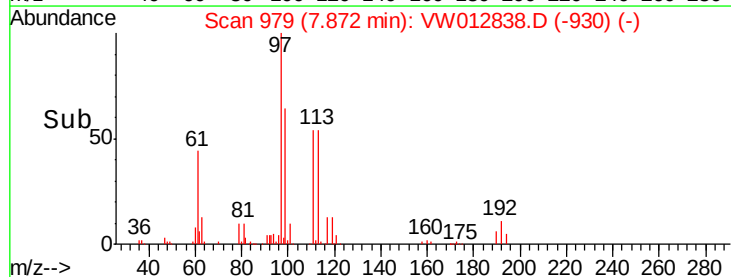
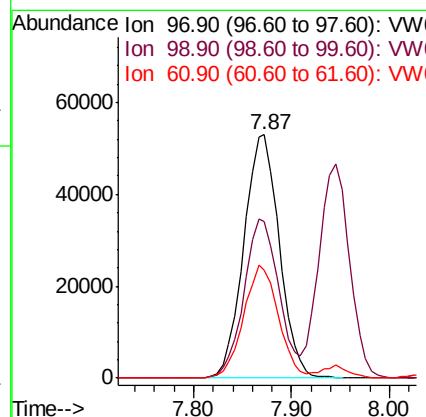
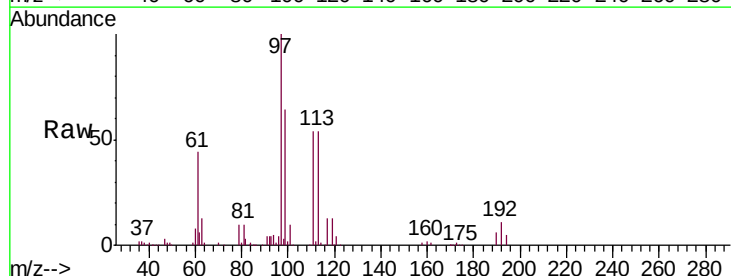
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

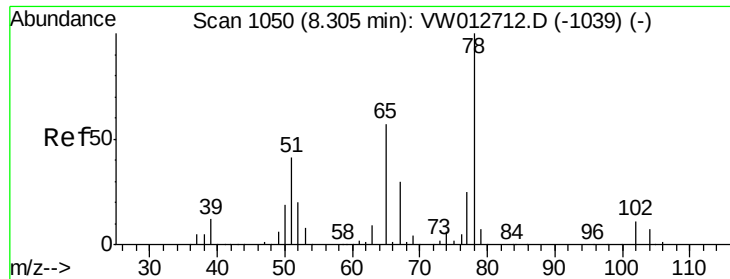
Tgt Ion: 56 Resp: 135646
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 83.5 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 49.643 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 97 Resp: 133562
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 45.5 37.9 56.9

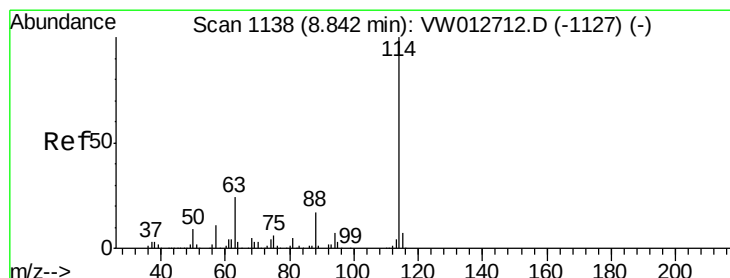
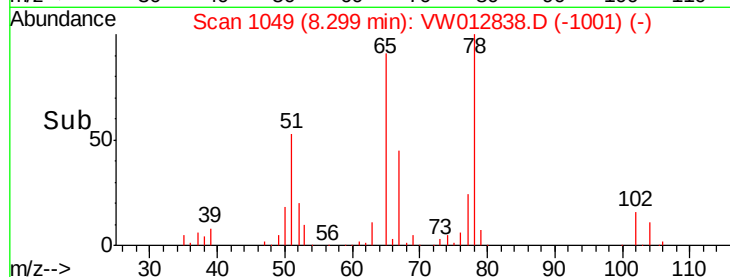
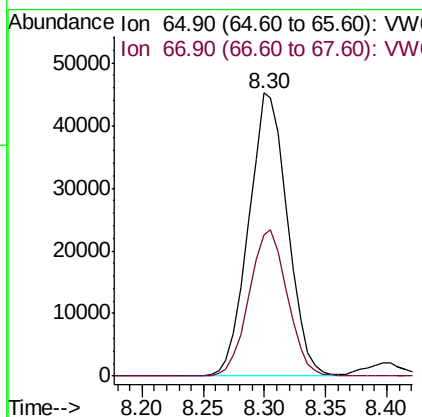
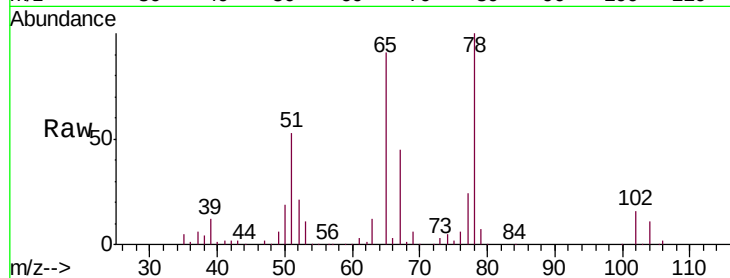




#33
 1,2-Dichloroethane-d4
 Concen: 48.633 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

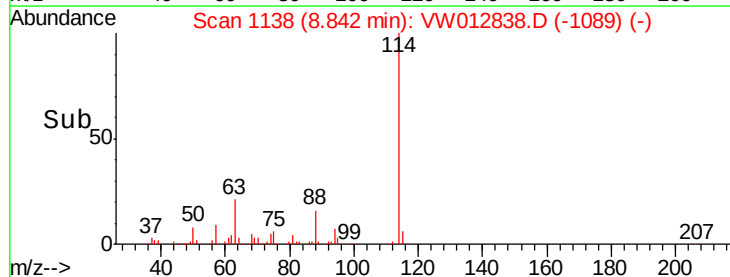
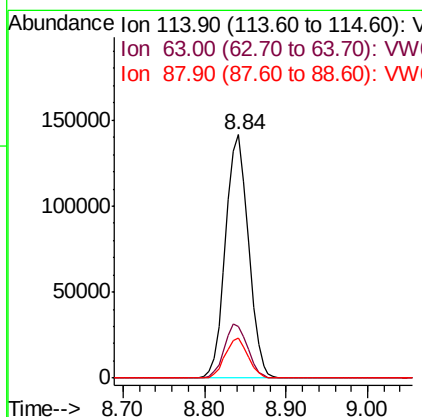
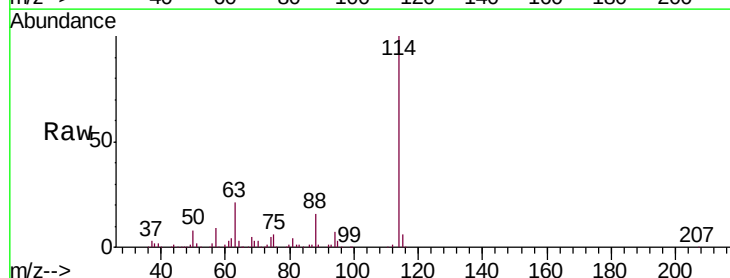
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

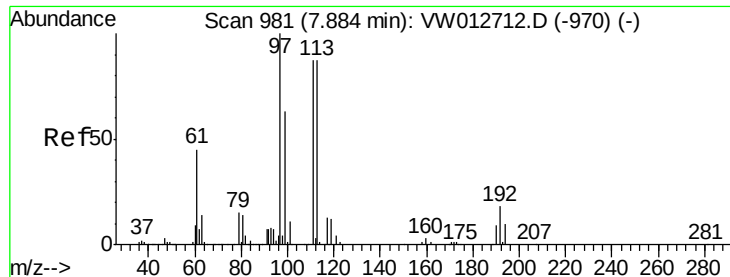
Tgt Ion: 65 Resp: 99754
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 114 Resp: 274605
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 47.2
 88 16.3 0.0 34.0

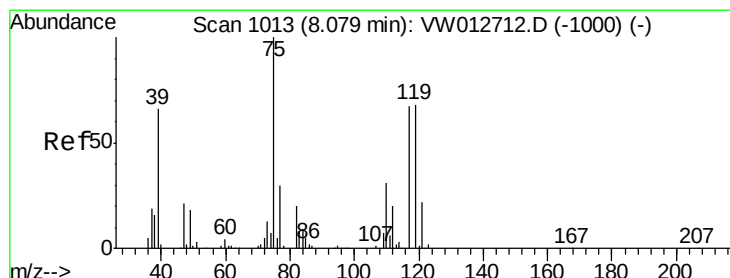
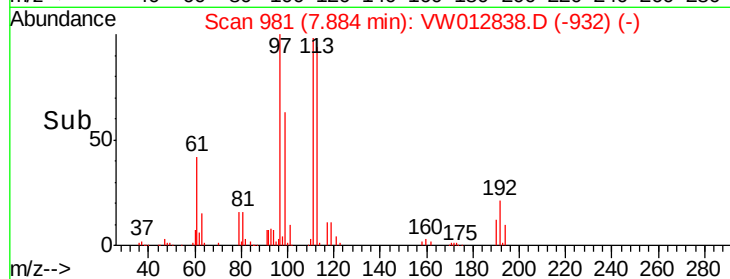
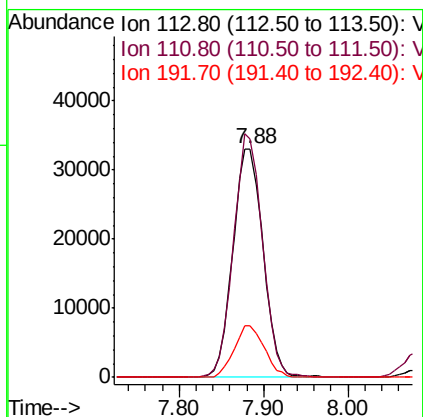
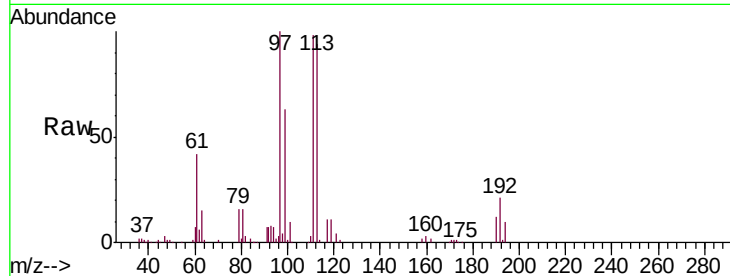




#35
 Dibromofluoromethane
 Concen: 49.056 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

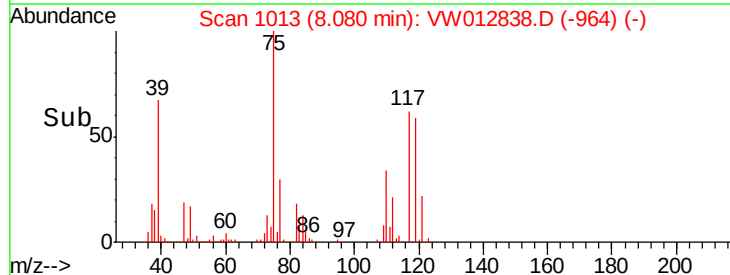
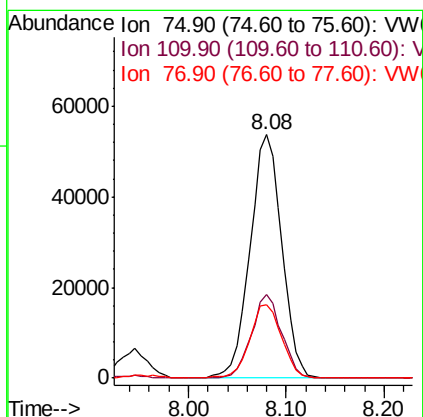
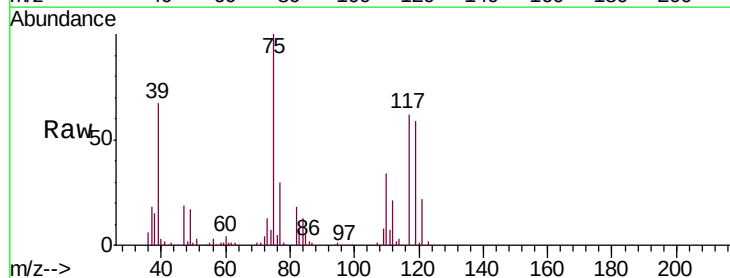
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

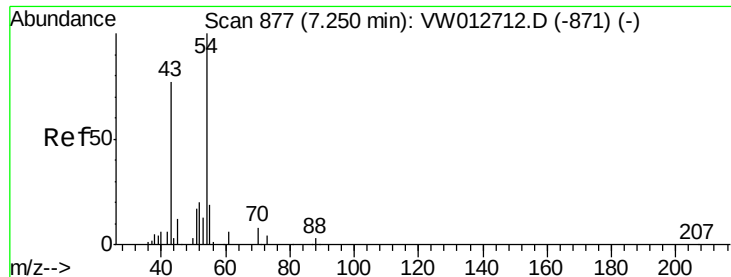
Tgt Ion: 113 Resp: 80089
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.2 120.4
 192 22.5 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 49.447 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 75 Resp: 120648
 Ion Ratio Lower Upper
 75 100
 110 32.8 15.9 47.7
 77 30.6 25.0 37.4

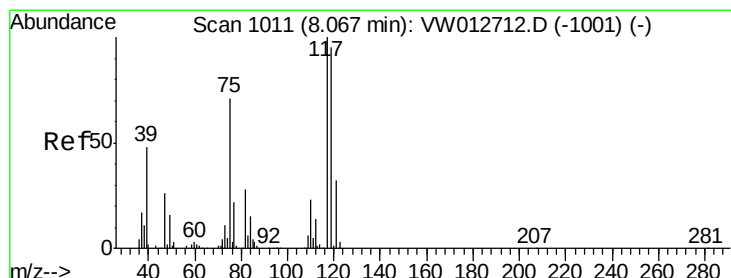
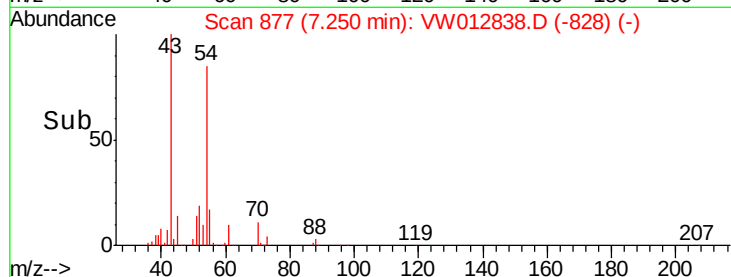
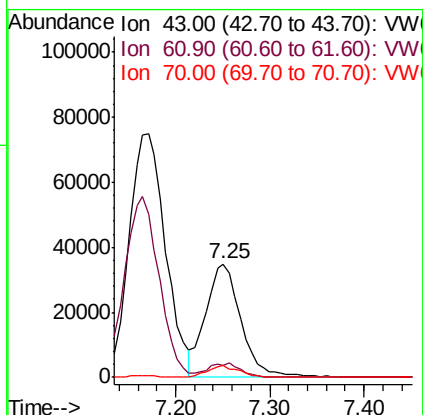
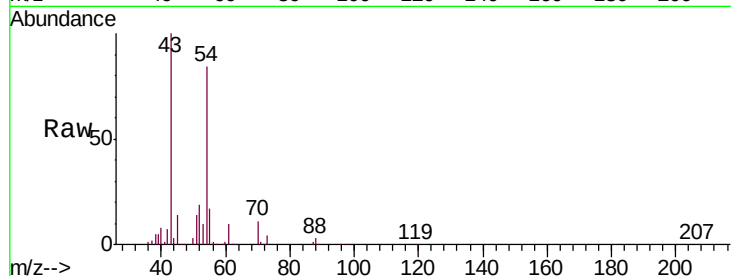




#37
Ethyl Acetate
Concen: 57.586 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

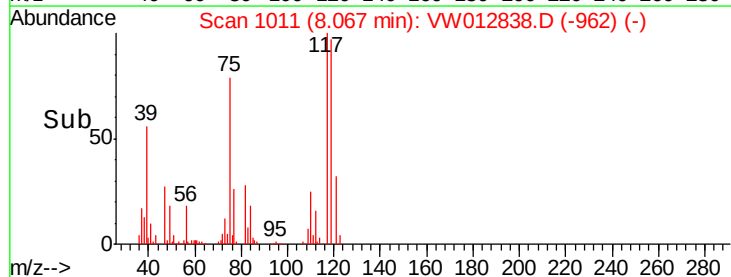
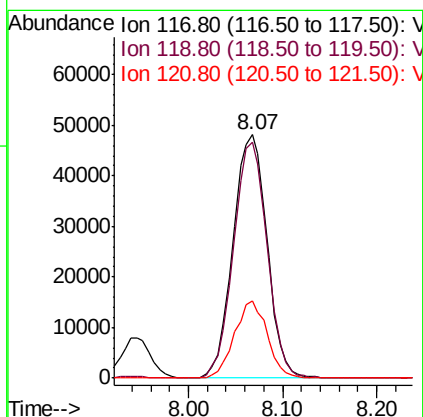
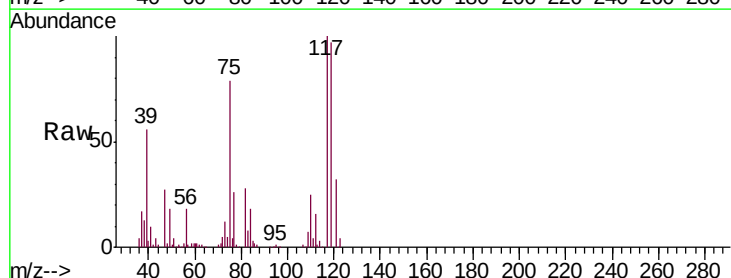
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

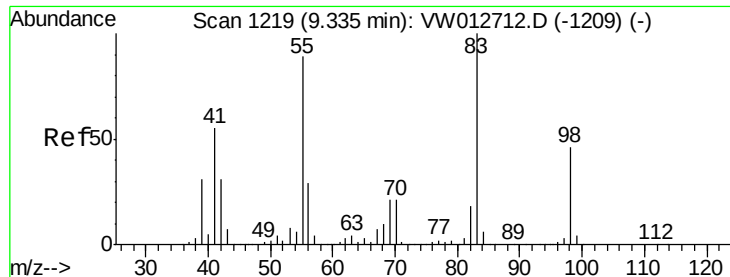
Tgt Ion: 43 Resp: 89569
Ion Ratio Lower Upper
43 100
61 12.2 9.5 14.3
70 9.6 7.0 10.6



#38
Carbon Tetrachloride
Concen: 50.455 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 117 Resp: 121352
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 31.8 25.4 38.2

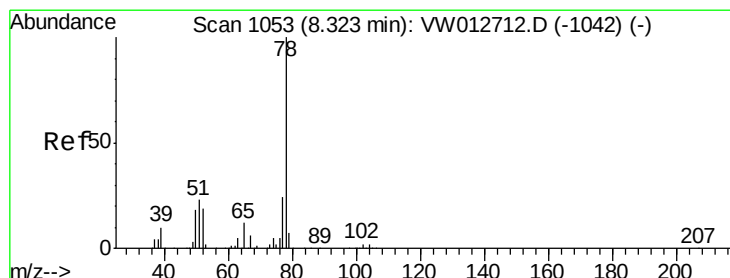
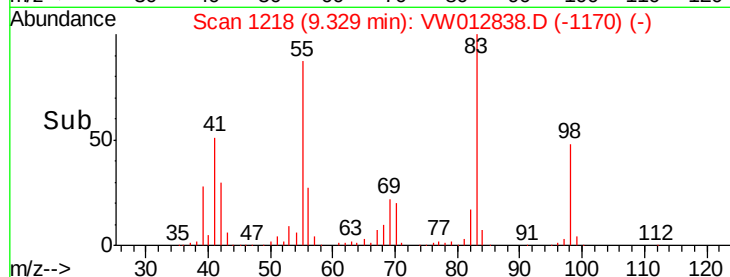
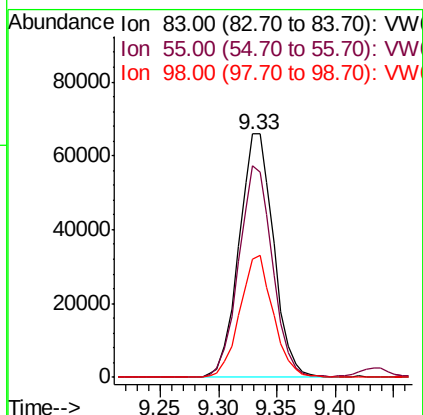
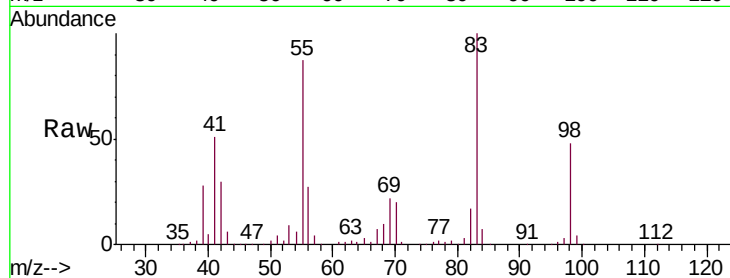




#39
Methylcyclohexane
Concen: 49.624 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

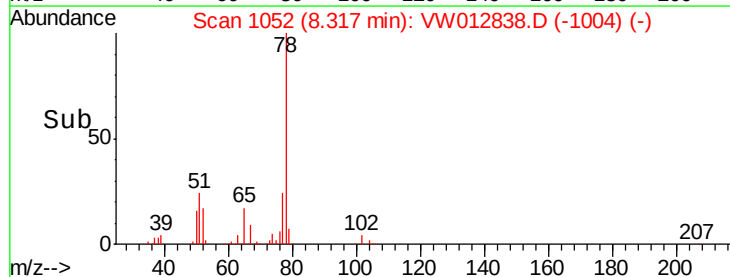
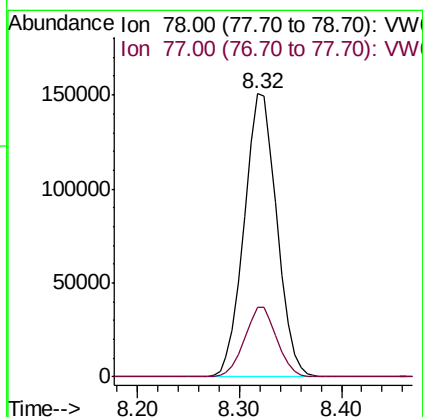
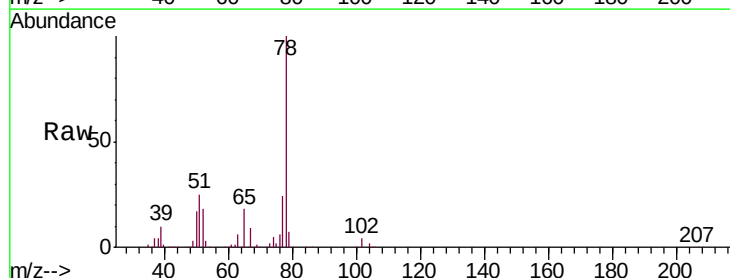
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

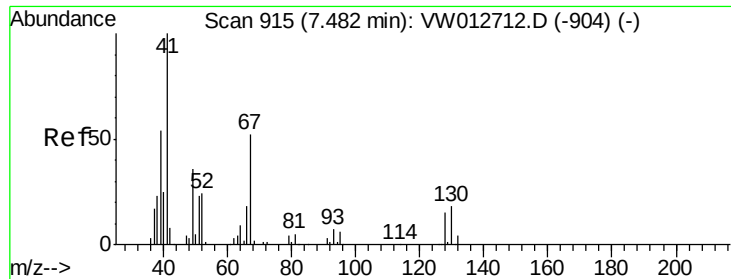
Tgt Ion: 83 Resp: 135988
Ion Ratio Lower Upper
83 100
55 87.2 71.0 106.4
98 48.3 36.9 55.3



#40
Benzene
Concen: 49.740 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 78 Resp: 336721
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

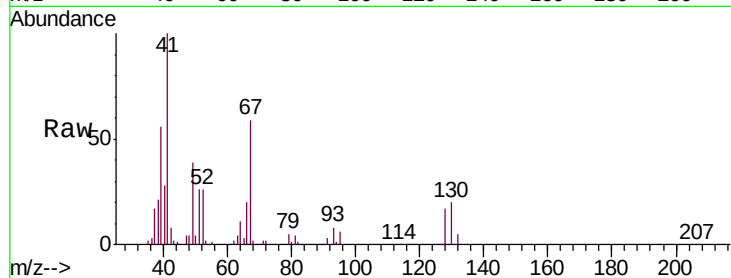




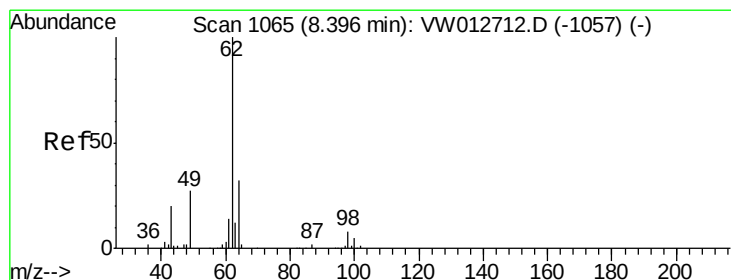
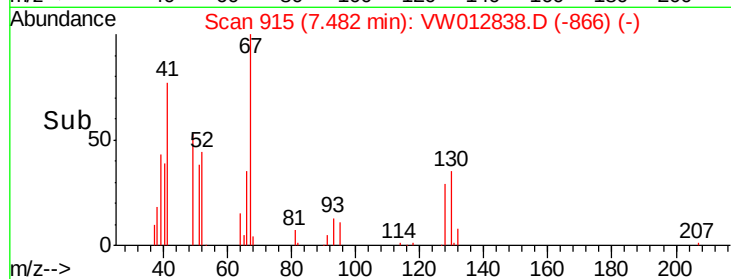
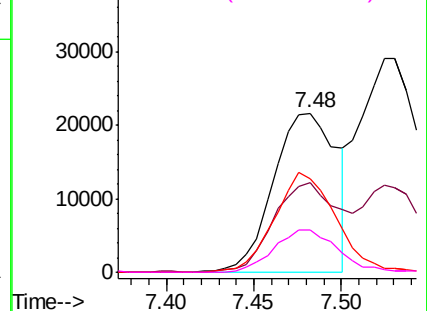
#41
Methacrylonitrile
Concen: 51.603 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	54702
Ion	Ratio	Lower	Upper
41	100		
39	59.9	47.5	71.3
67	60.7	45.1	67.7
52	27.3	20.2	30.2

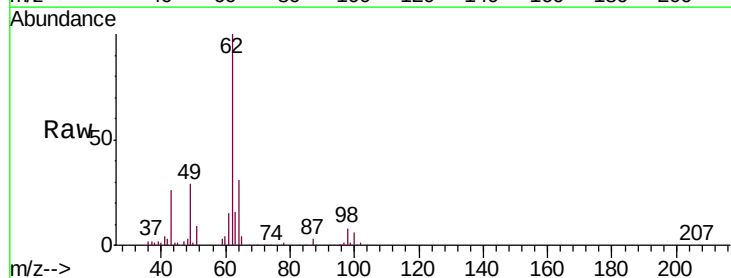


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

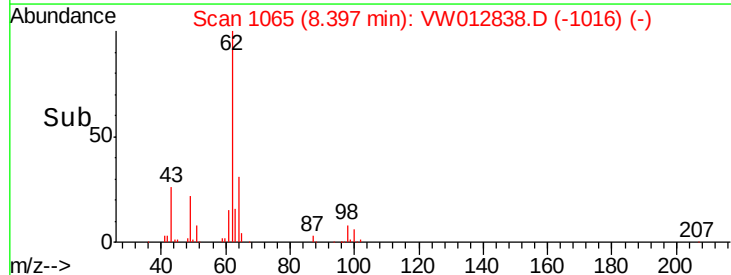
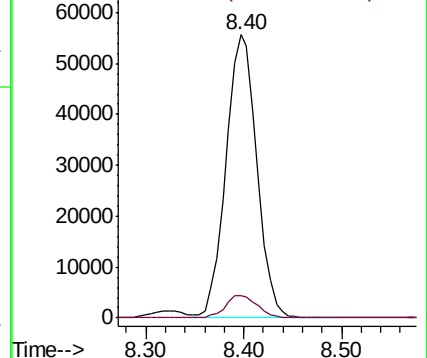


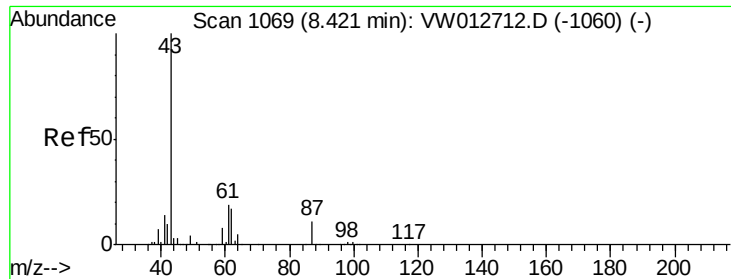
#42
1,2-Dichloroethane
Concen: 51.097 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion:	62	Resp:	121739
Ion	Ratio	Lower	Upper
62	100		
98	8.2	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: 56.412 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

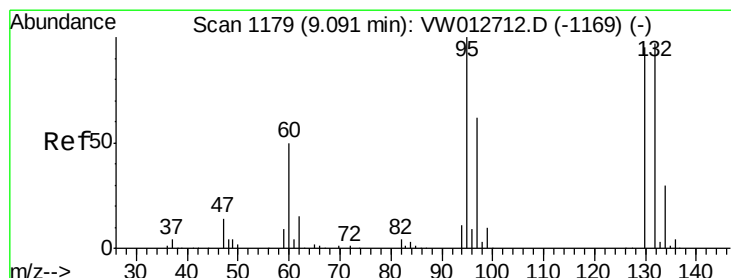
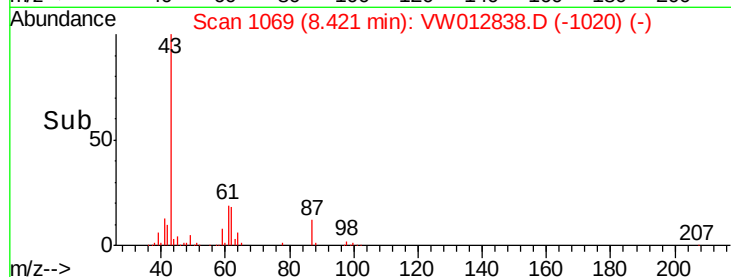
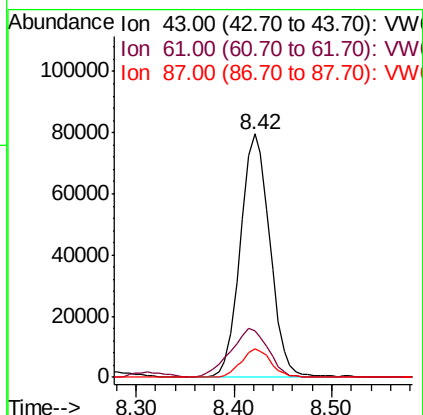
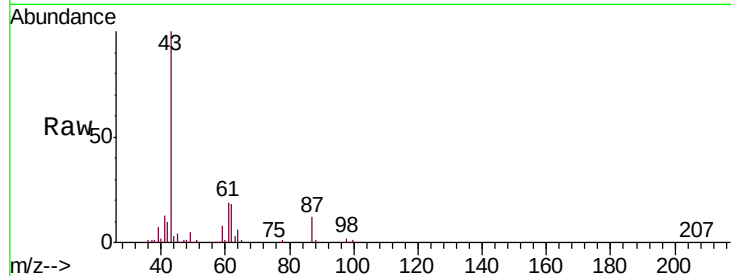
Tgt Ion: 43 Resp: 166234

Ion Ratio Lower Upper

43 100

61 25.8 20.6 30.8

87 11.7 8.6 13.0



#44

Trichloroethene

Concen: 51.165 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012838.D

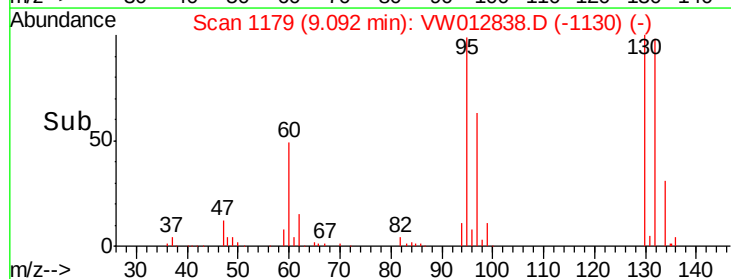
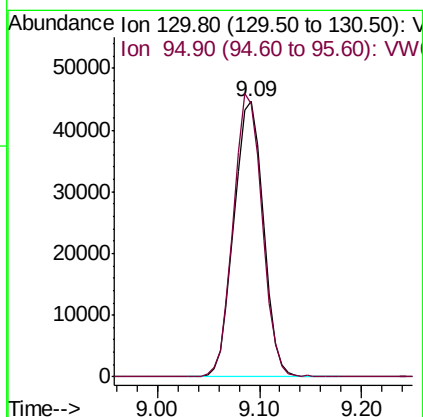
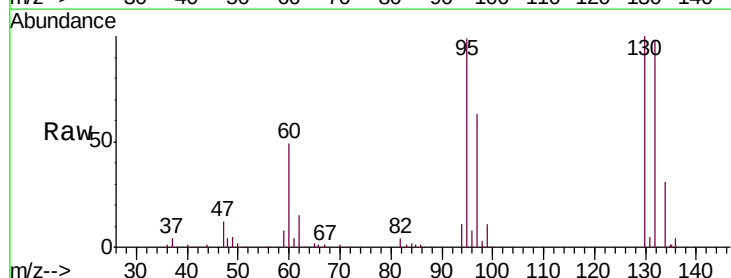
Acq: 09 Sep 2019 22:53

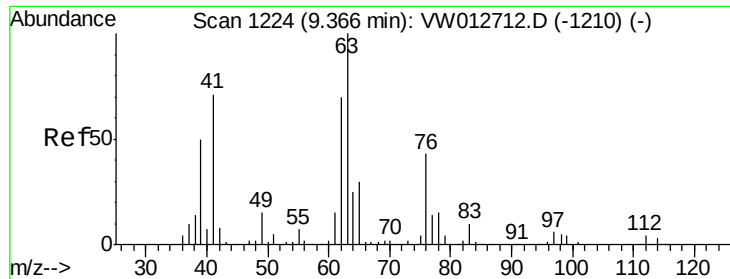
Tgt Ion: 130 Resp: 89283

Ion Ratio Lower Upper

130 100

95 98.9 0.0 210.6

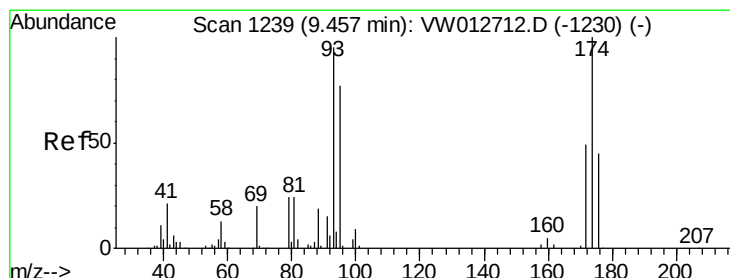
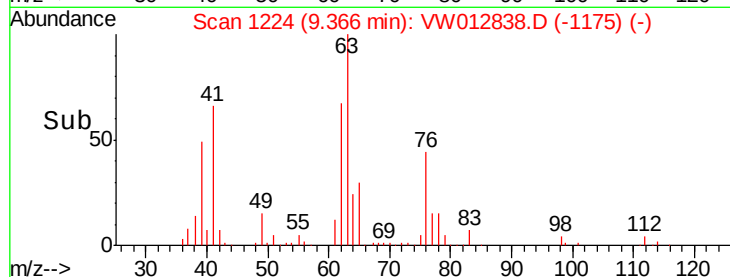
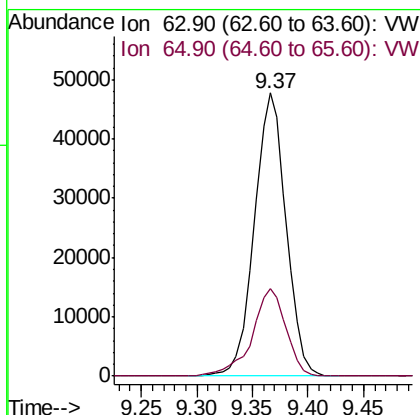
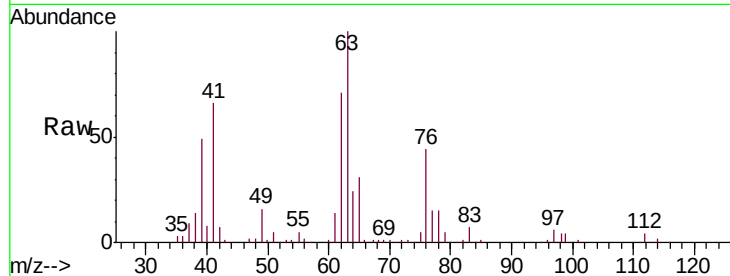




#45
 1,2-Dichloropropane
 Concen: 50.341 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

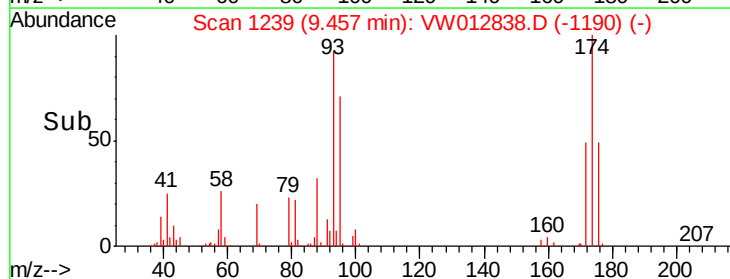
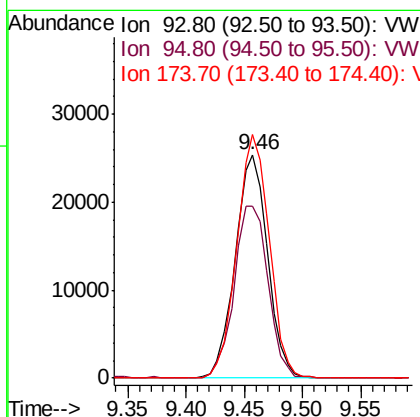
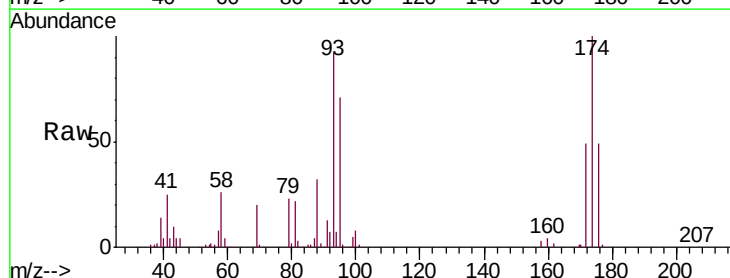
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

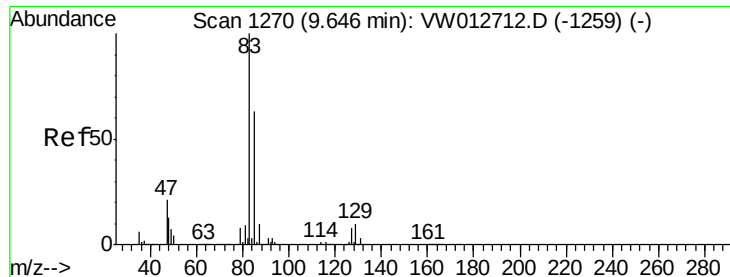
Tgt Ion: 63 Resp: 94520
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.8 35.8



#46
 Dibromomethane
 Concen: 55.387 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 93 Resp: 49245
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.2 97.8
 174 108.9 84.2 126.4





#47

Bromodichloromethane

Concen: 51.678 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

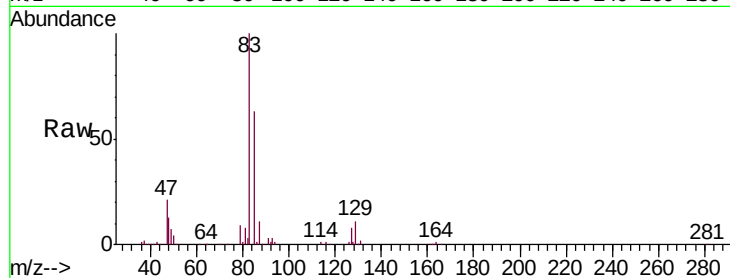
Tgt Ion: 83 Resp: 126412

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.2

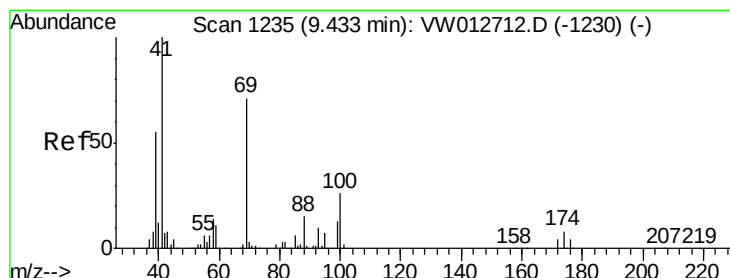
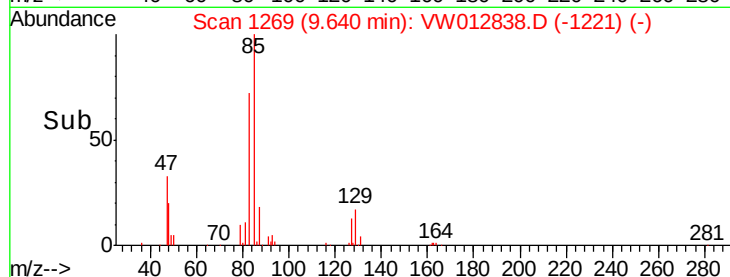
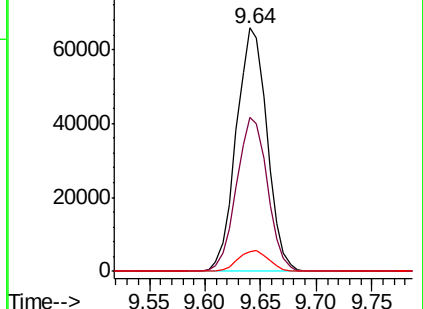
127 7.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.519 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

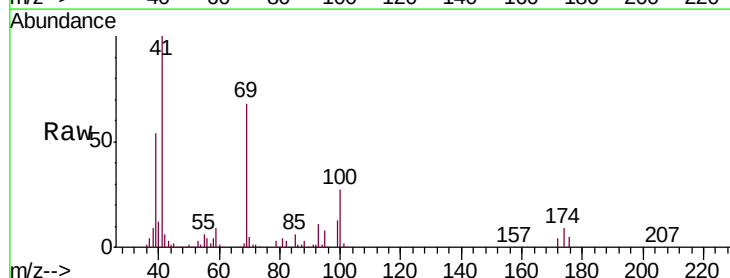
Tgt Ion: 41 Resp: 78184

Ion Ratio Lower Upper

41 100

69 76.0 59.8 89.8

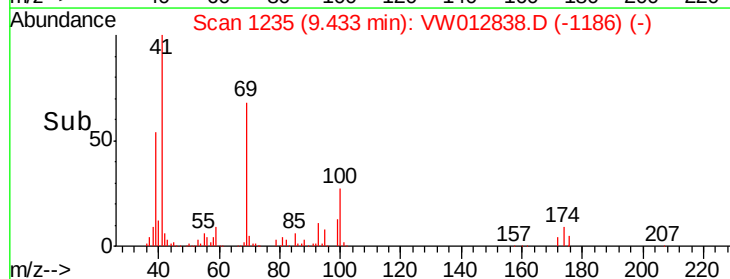
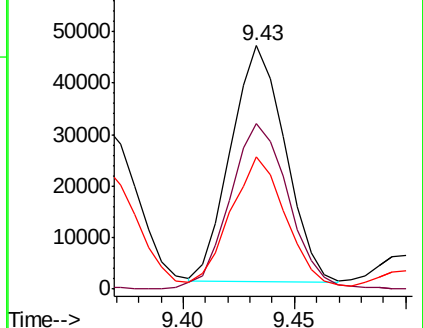
39 58.0 47.0 70.6

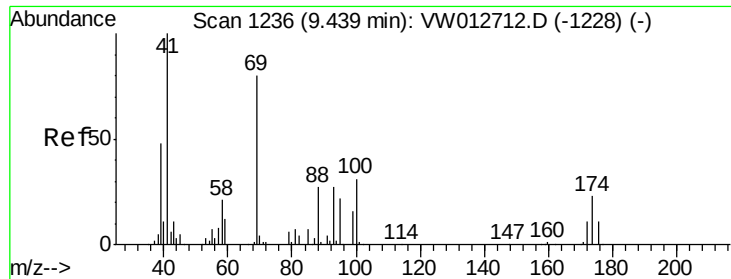


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

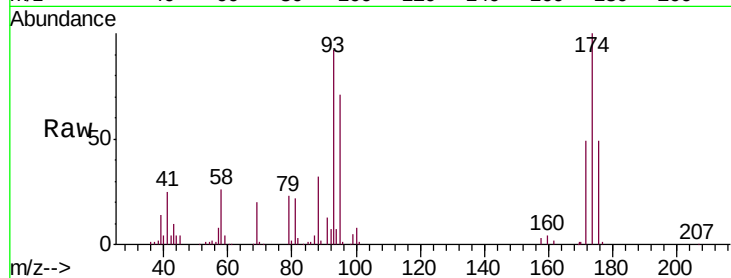




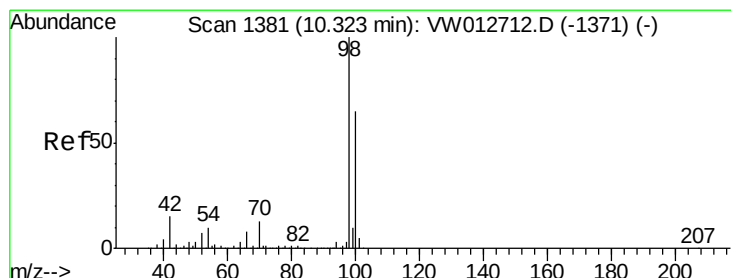
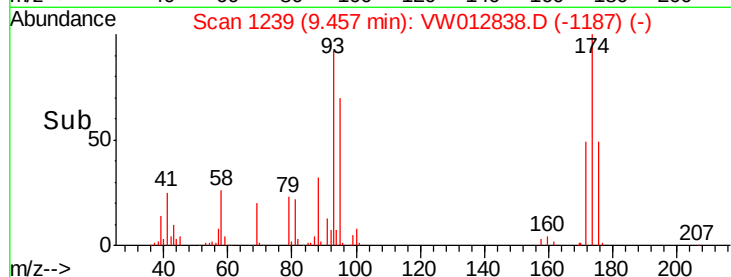
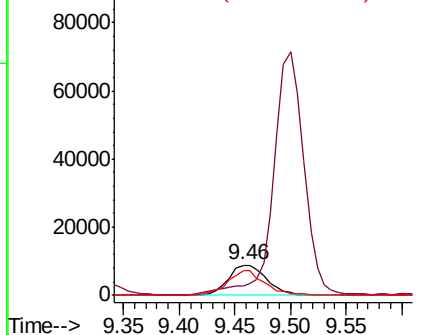
#49
1,4-Dioxane
Concen: 1202.397 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.02 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 21117
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 79.6 64.1 96.1

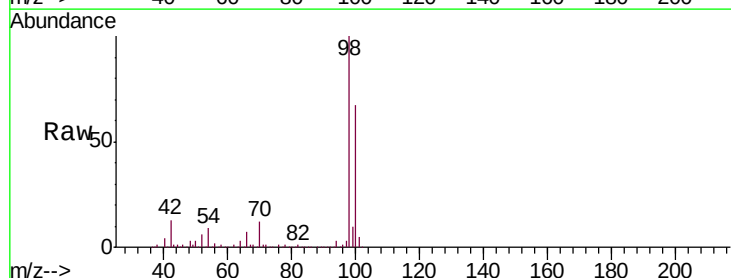


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

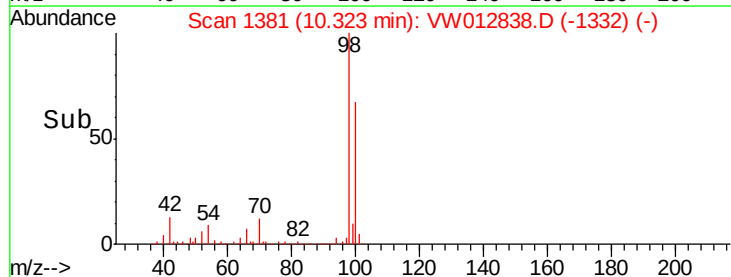
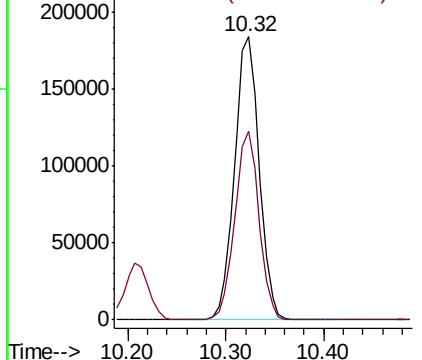


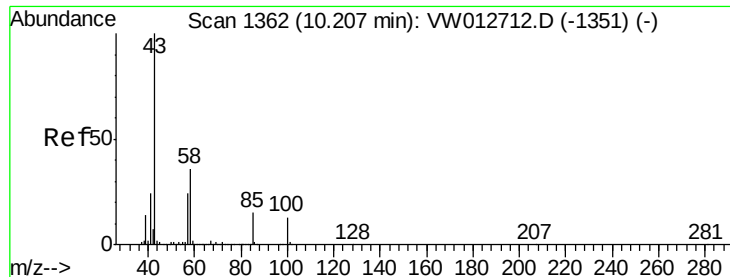
#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 98 Resp: 322666
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



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

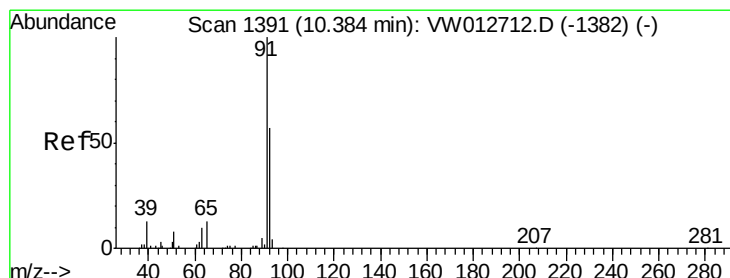
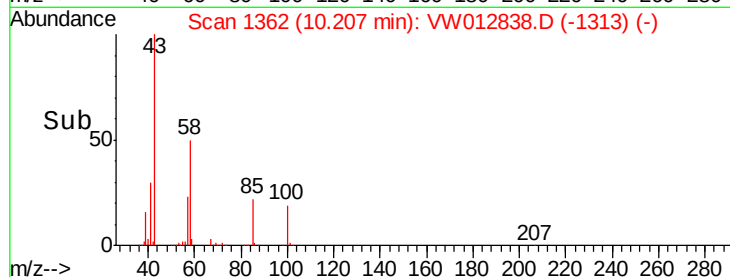
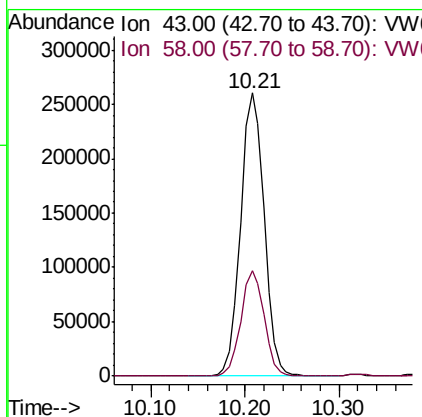
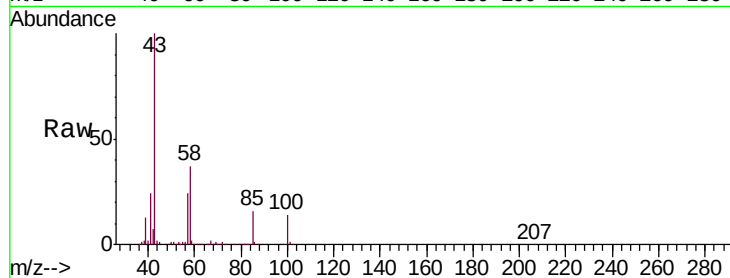




#51
 4-Methyl-2-Pentanone
 Concen: 293.537 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

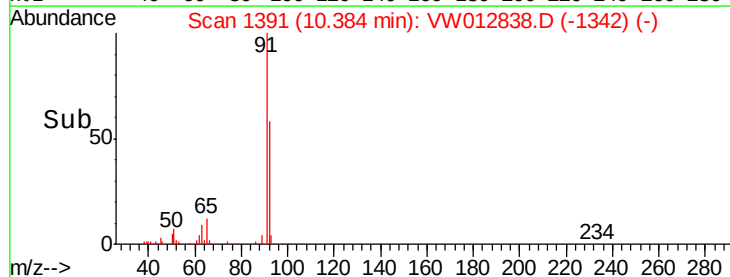
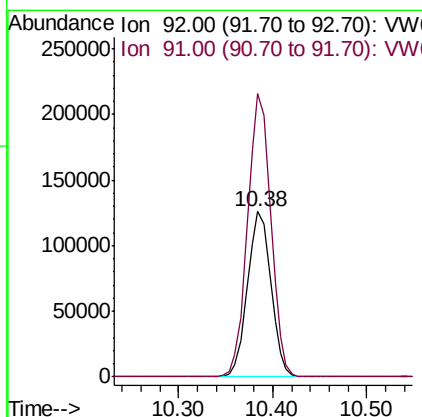
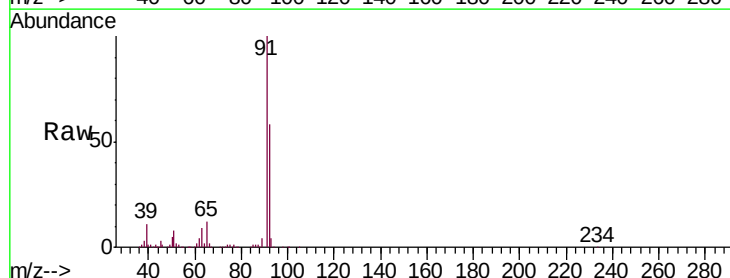
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

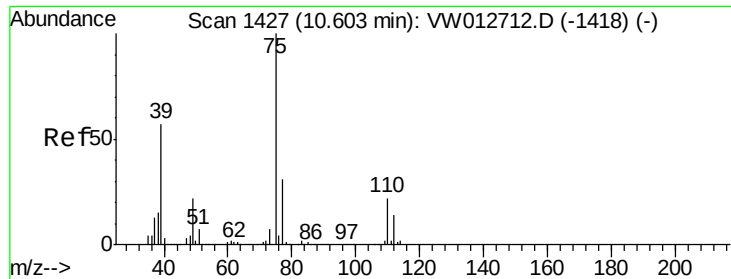
Tgt Ion: 43 Resp: 453886
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.4 42.6



#52
 Toluene
 Concen: 51.722 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 92 Resp: 218537
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 53.243 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

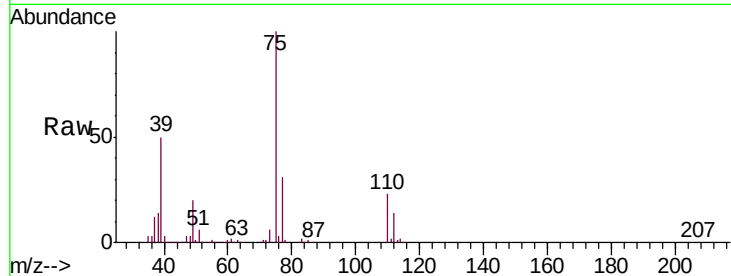
VSTDCCC050

Tgt Ion: 75 Resp: 133921

Ion Ratio Lower Upper

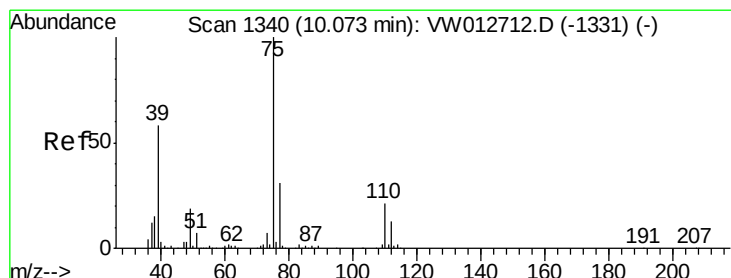
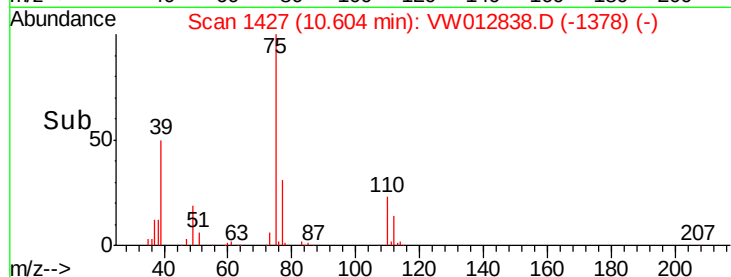
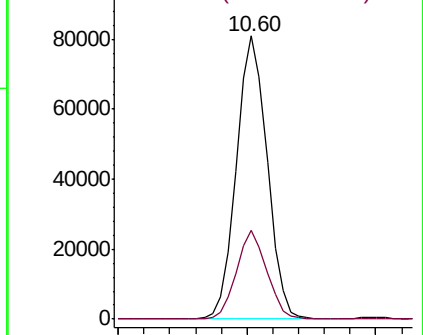
75 100

77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 51.724 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

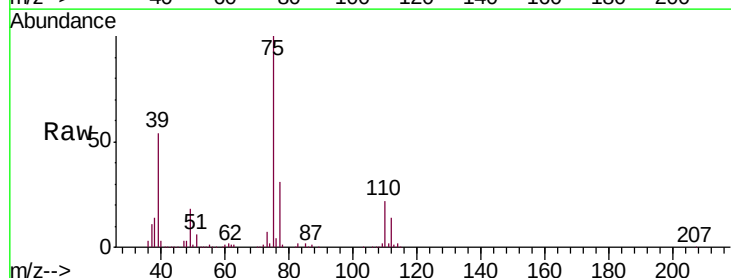
Tgt Ion: 75 Resp: 147590

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

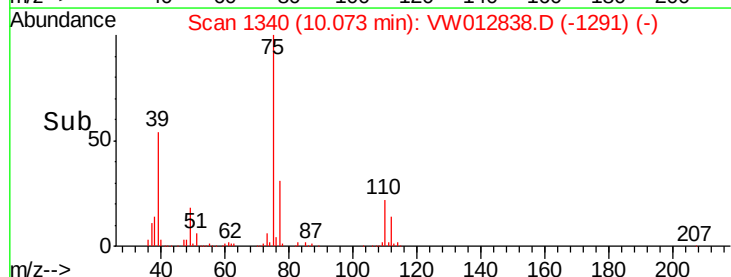
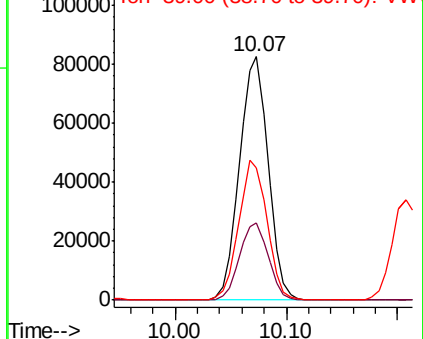
39 54.1 46.3 69.5

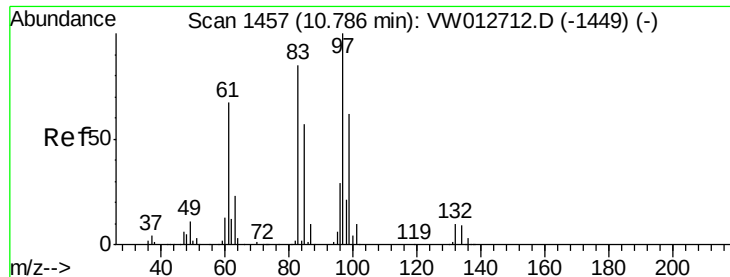


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

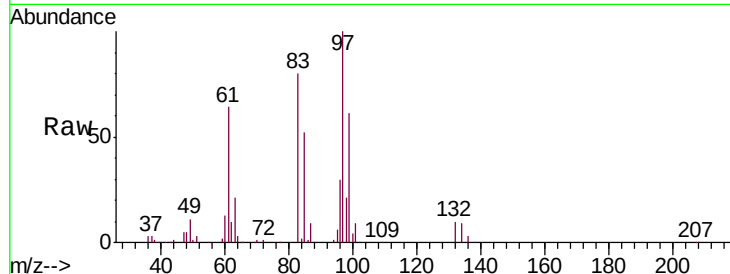




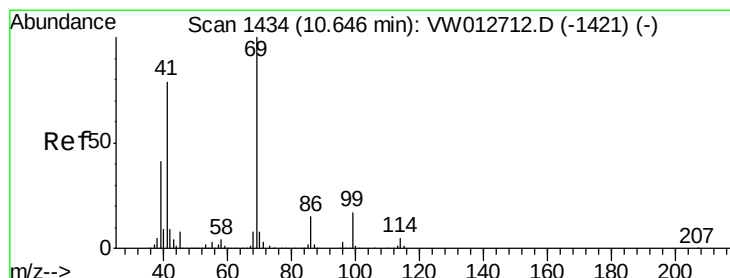
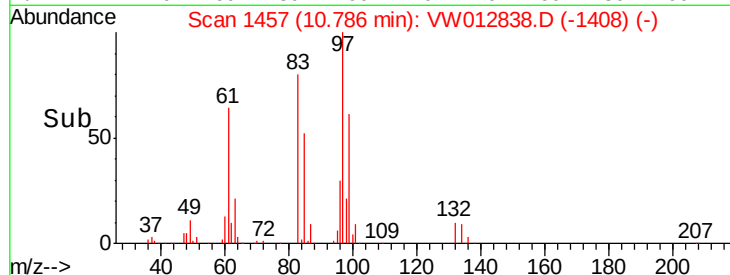
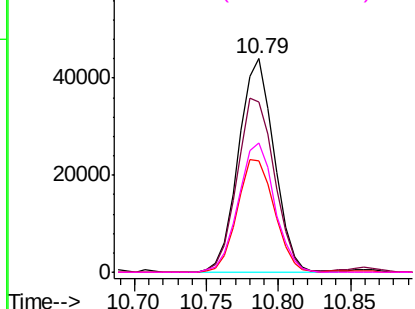
#55
 1,1,2-Trichloroethane
 Concen: 56.864 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	75691
Ion	Ratio	Lower	Upper
97	100		
83	79.8	68.1	102.1
85	52.0	45.3	67.9
99	60.8	50.0	75.0

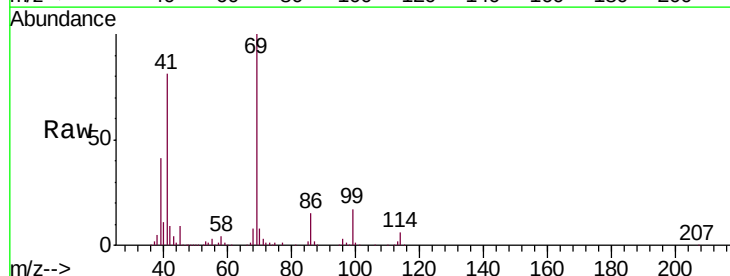


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

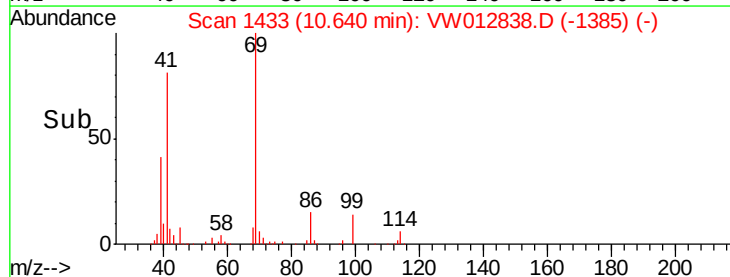
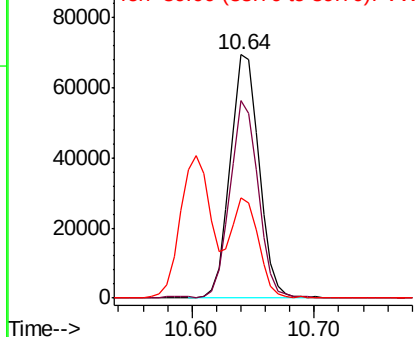


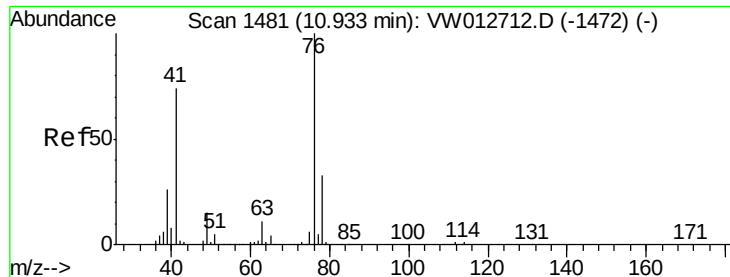
#56
 Ethyl methacrylate
 Concen: 58.237 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:	69	Resp:	113473
Ion	Ratio	Lower	Upper
69	100		
41	78.0	64.4	96.6
39	39.9	31.1	46.7



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





#57

1,3-Dichloropropane

Concen: 53.644 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

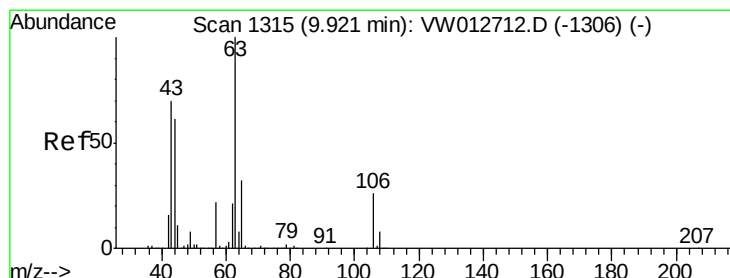
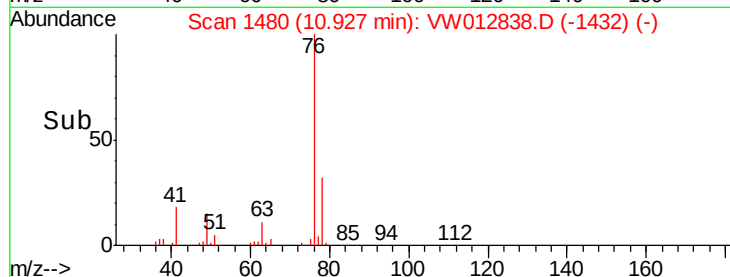
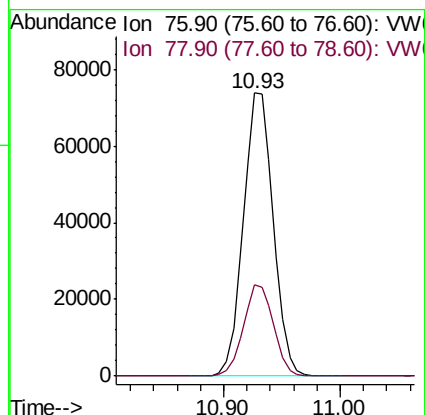
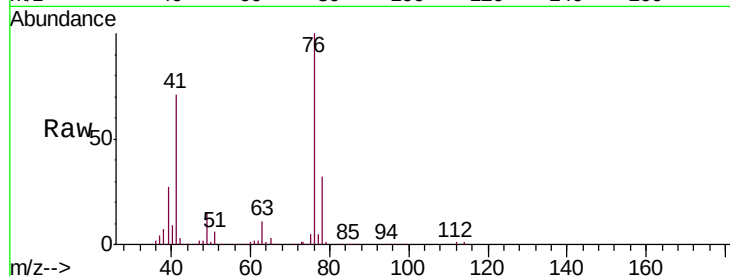
VSTDCCC050

Tgt Ion: 76 Resp: 132100

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 291.849 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012838.D

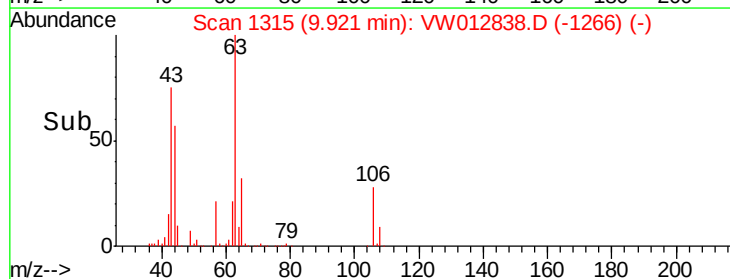
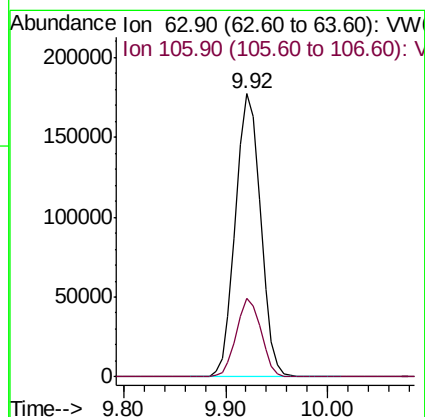
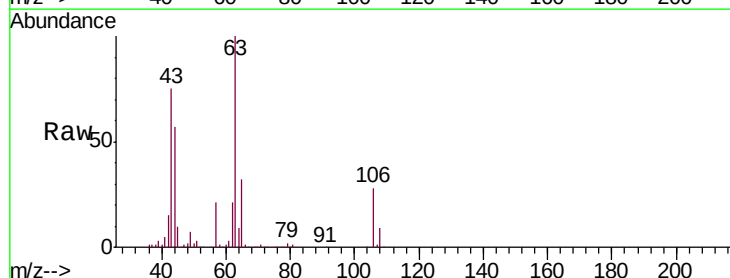
Acq: 09 Sep 2019 22:53

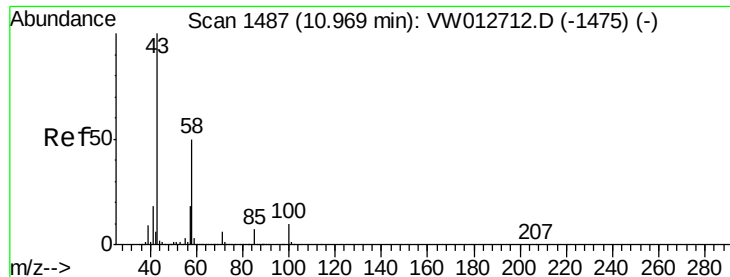
Tgt Ion: 63 Resp: 301889

Ion Ratio Lower Upper

63 100

106 27.2 20.5 30.7

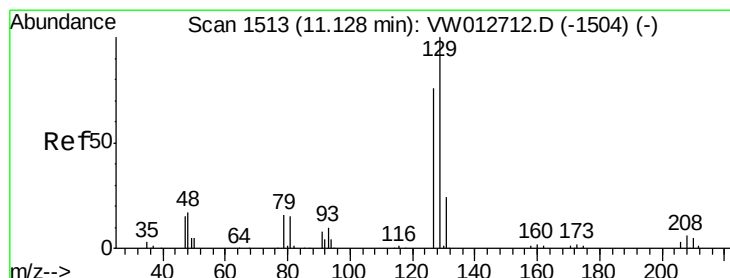
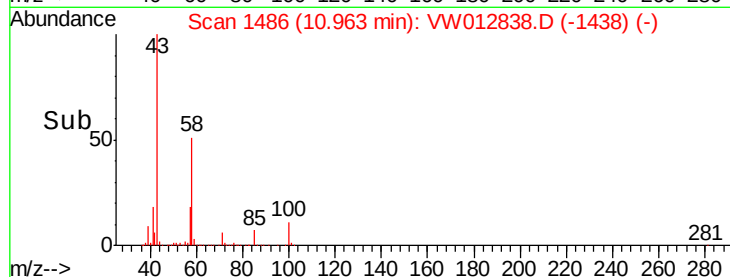
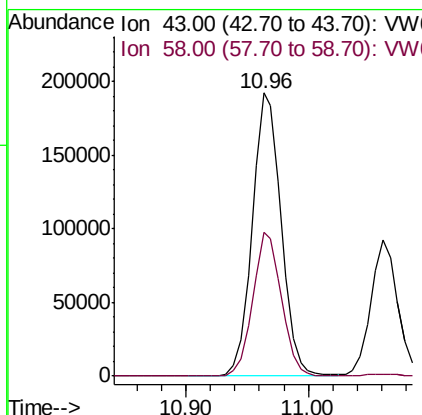
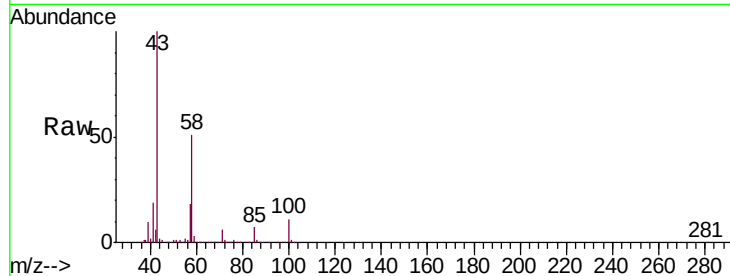




#59
2-Hexanone
Concen: 278.966 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

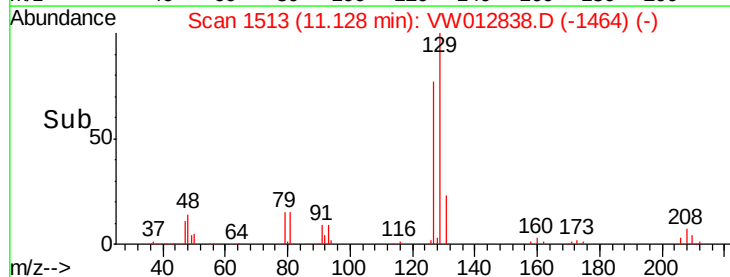
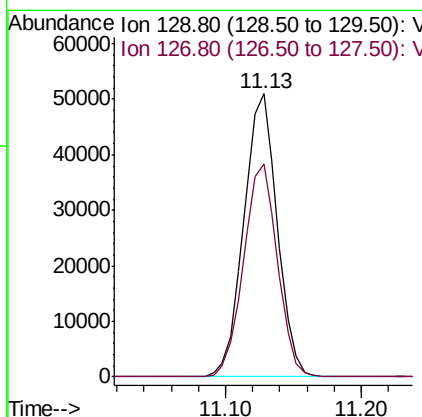
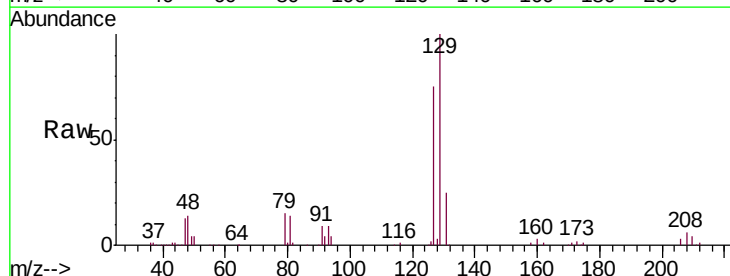
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

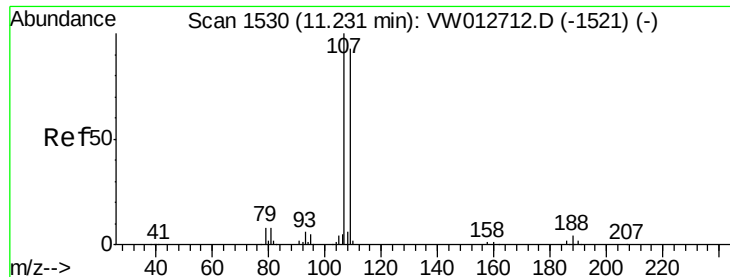
Tgt Ion: 43 Resp: 315141
Ion Ratio Lower Upper
43 100
58 50.5 24.7 74.1



#60
Dibromochloromethane
Concen: 56.034 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 129 Resp: 87720
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 57.252 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

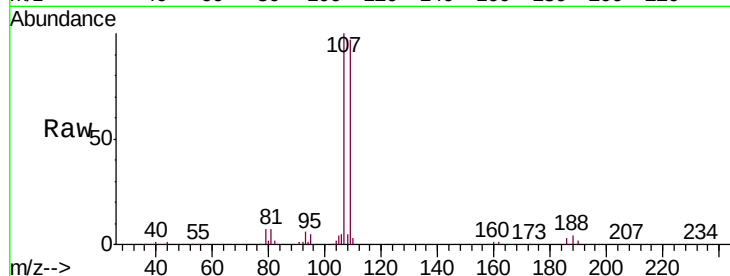
VSTDCCC050

Tgt Ion: 107 Resp: 69867

Ion Ratio Lower Upper

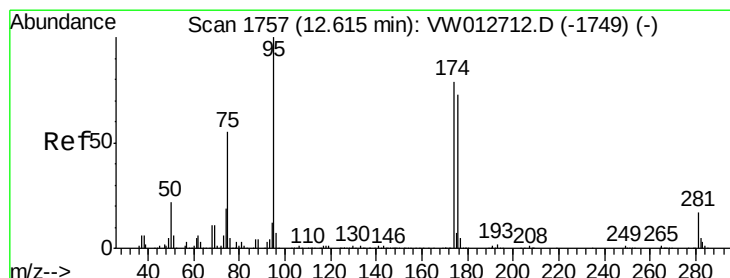
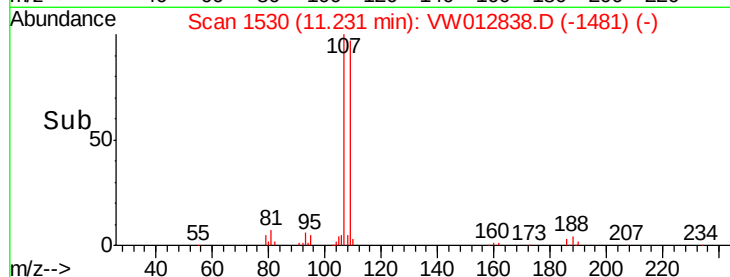
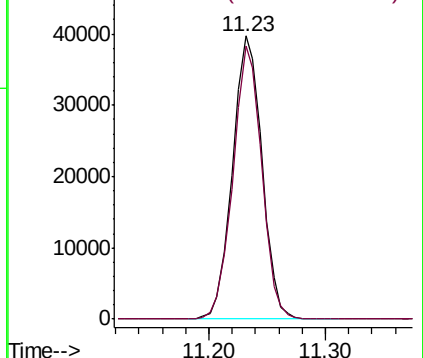
107 100

109 94.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.234 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

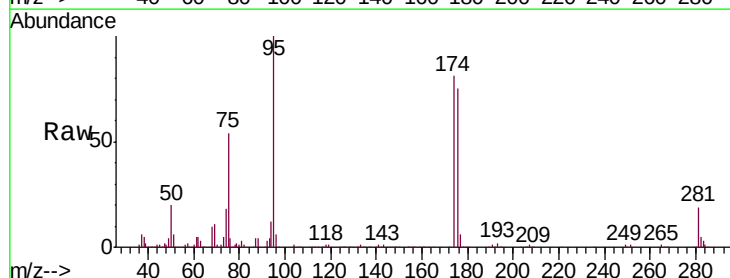
Tgt Ion: 95 Resp: 114322

Ion Ratio Lower Upper

95 100

174 84.0 0.0 161.0

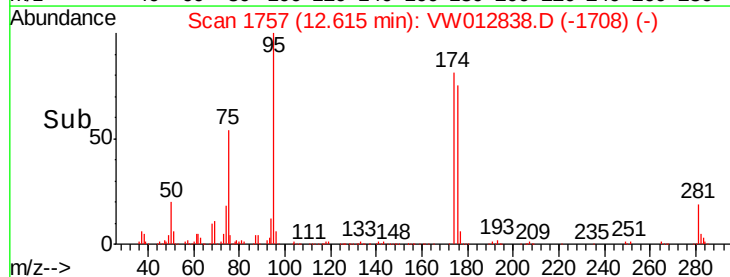
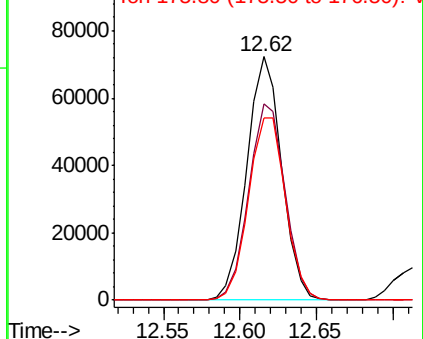
176 80.2 0.0 156.4

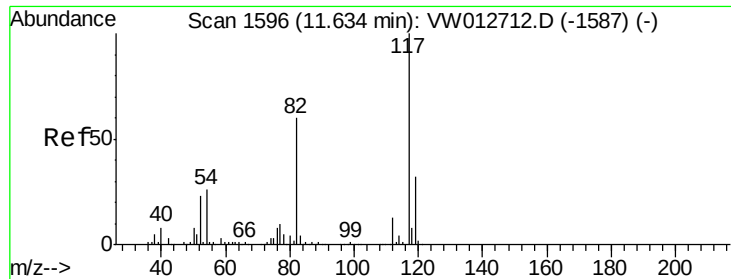


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

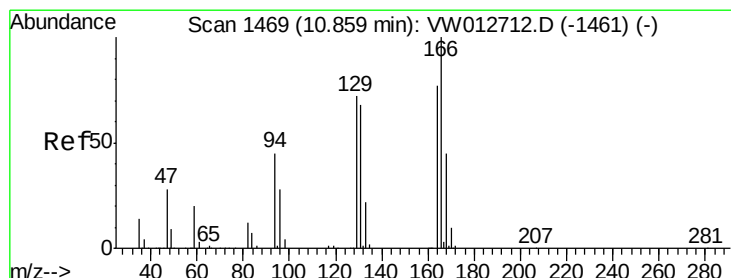
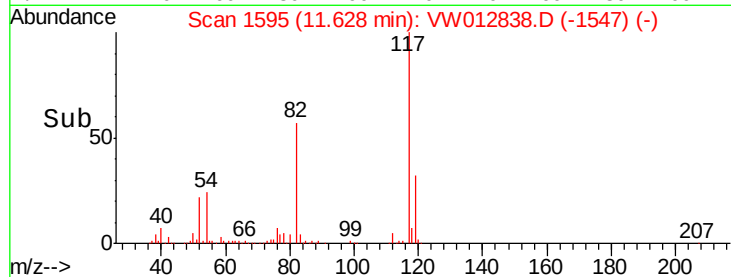
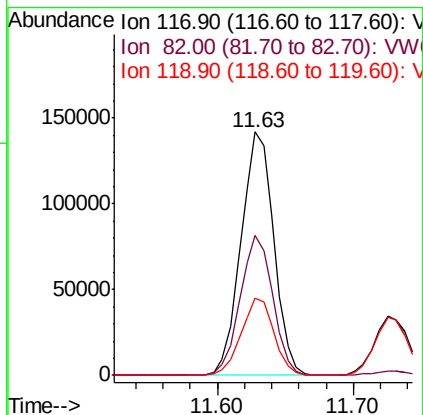
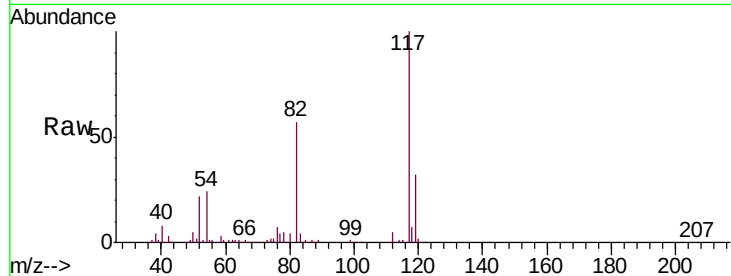




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

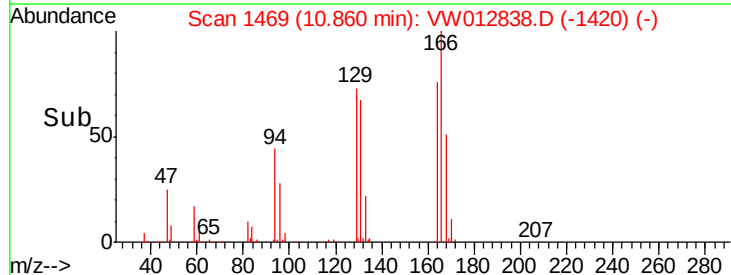
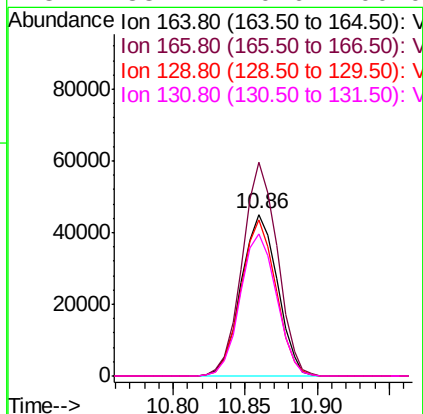
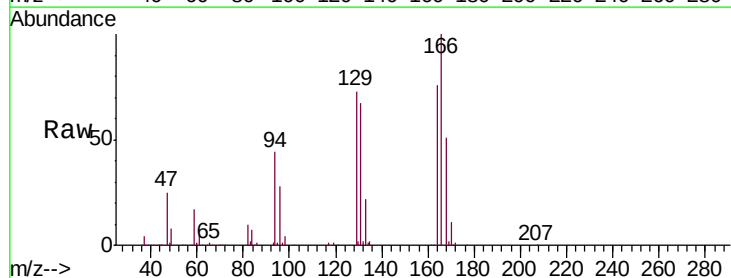
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

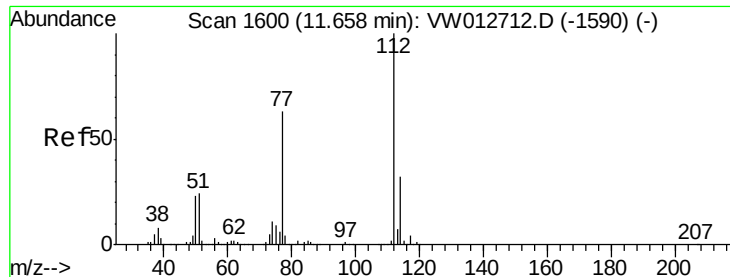
Tgt Ion:117 Resp: 240011
Ion Ratio Lower Upper
117 100
82 57.5 48.2 72.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 53.988 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion:164 Resp: 78625
Ion Ratio Lower Upper
164 100
166 132.3 103.6 155.4
129 96.7 74.6 112.0
131 88.4 70.6 106.0





#65

Chlorobenzene

Concen: 51.721 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

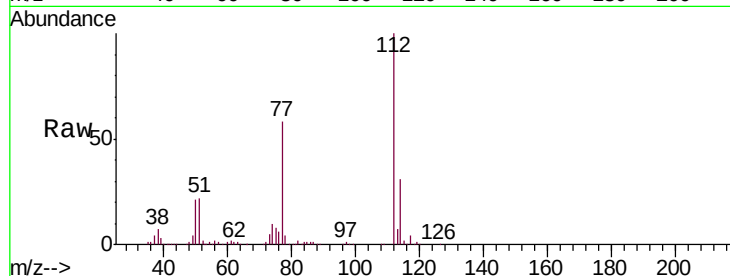
VSTDCCC050

Tgt Ion:112 Resp: 234622

Ion Ratio Lower Upper

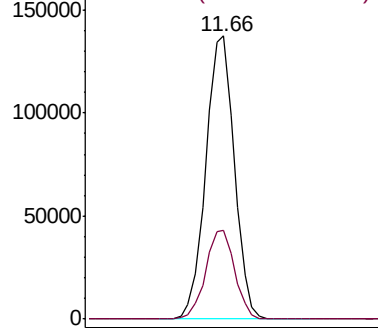
112 100

114 31.2 25.3 37.9

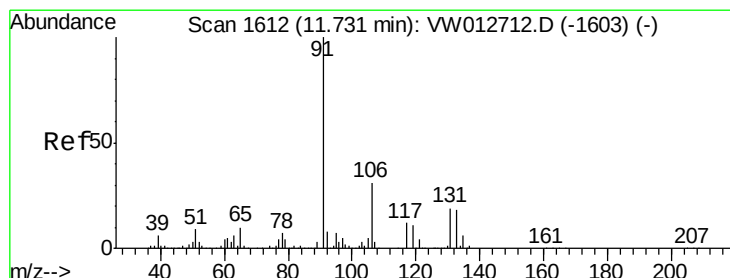
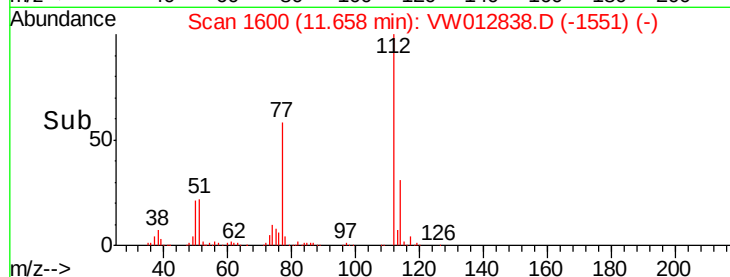


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.749 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

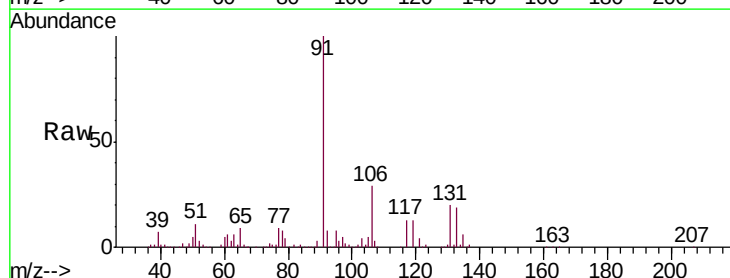
Tgt Ion:131 Resp: 90799

Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.8

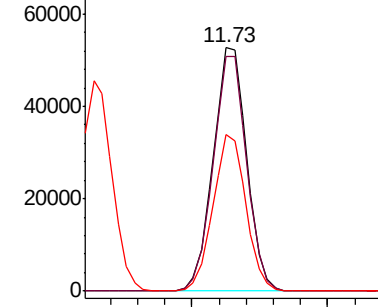
119 63.2 30.6 92.0



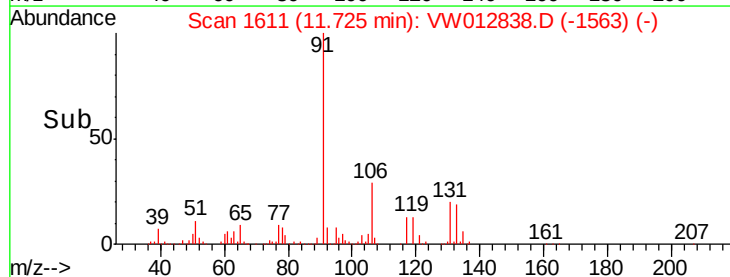
Abundance Ion 130.80 (130.50 to 131.50): V

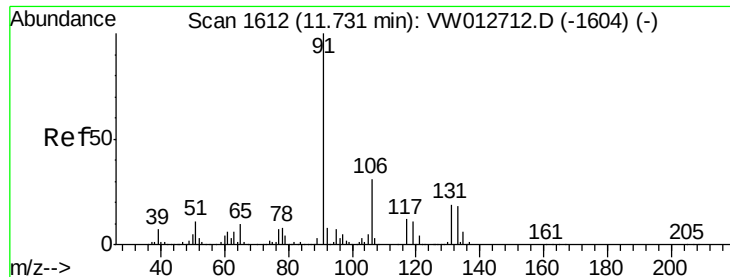
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->

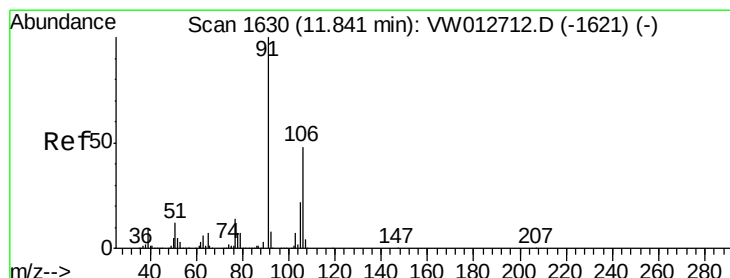
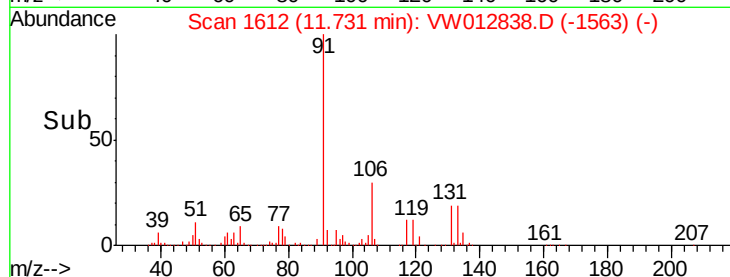
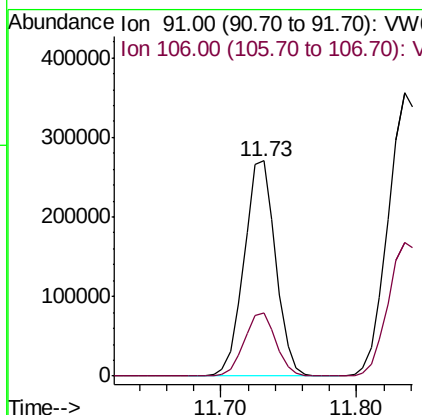
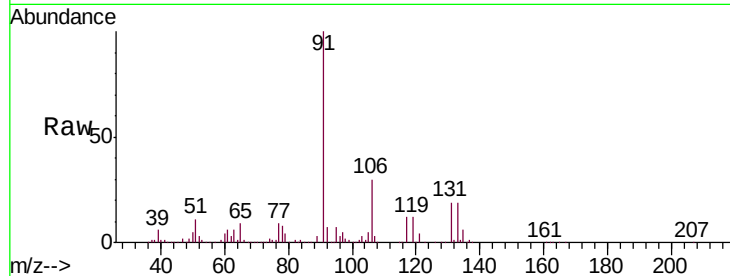




#67
Ethyl Benzene
Concen: 51.638 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

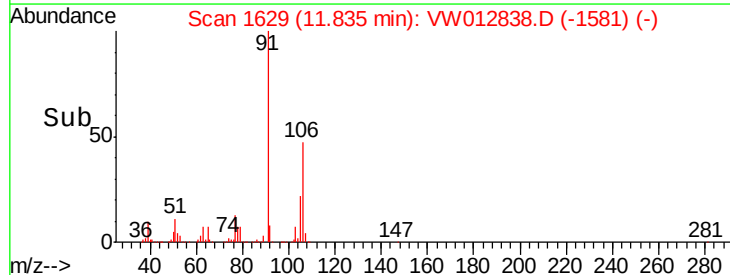
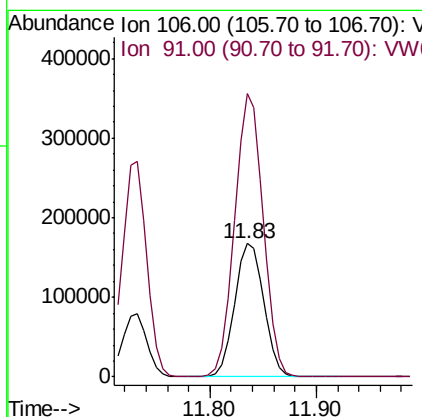
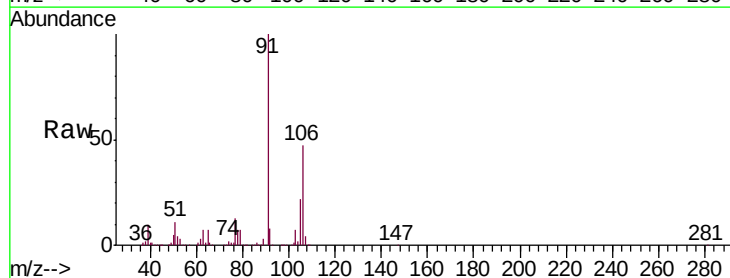
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

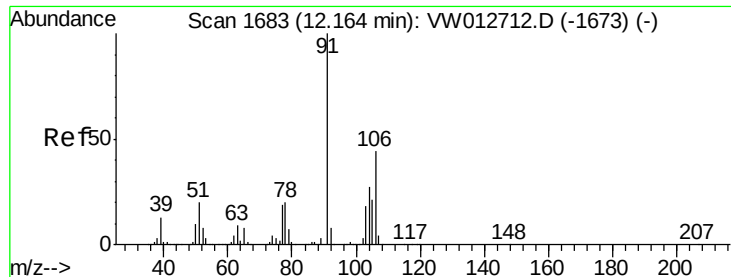
Tgt Ion: 91 Resp: 439501
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#68
m/p-Xylenes
Concen: 104.737 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 106 Resp: 321768
Ion Ratio Lower Upper
106 100
91 207.4 168.2 252.4

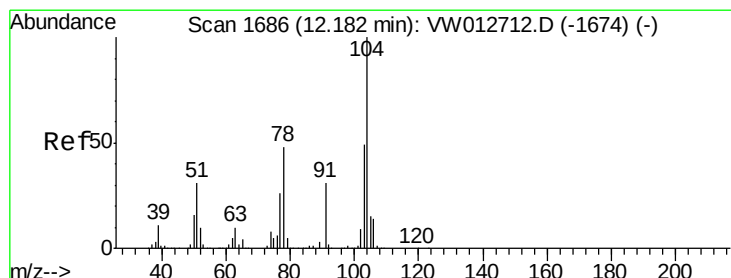
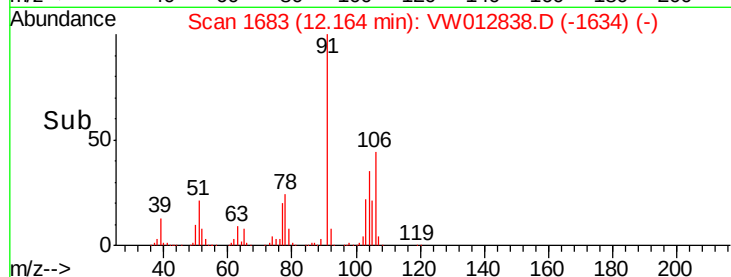
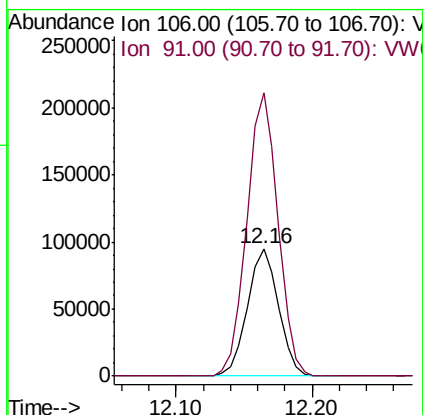
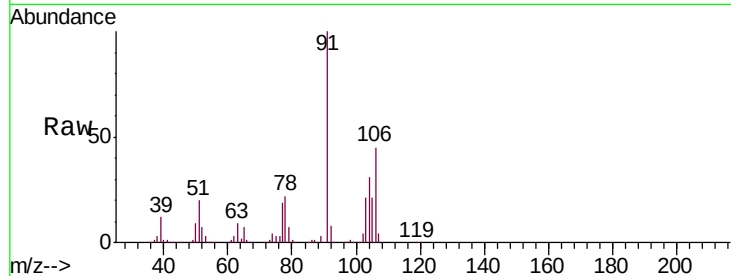




#69
o-Xylene
Concen: 52.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

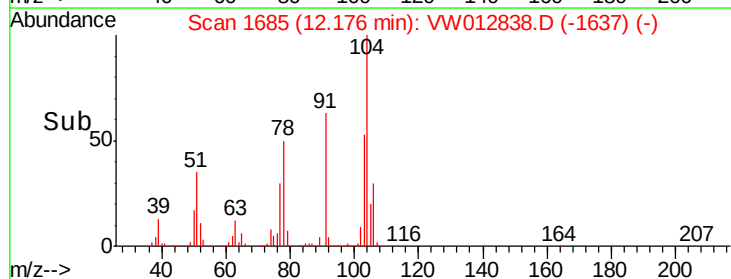
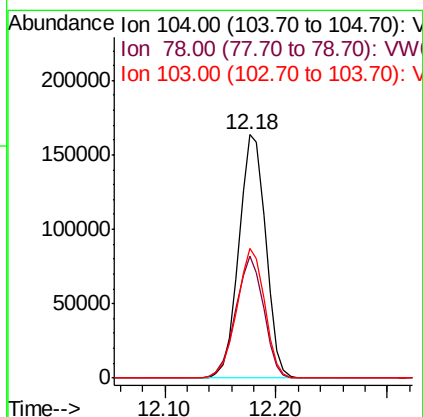
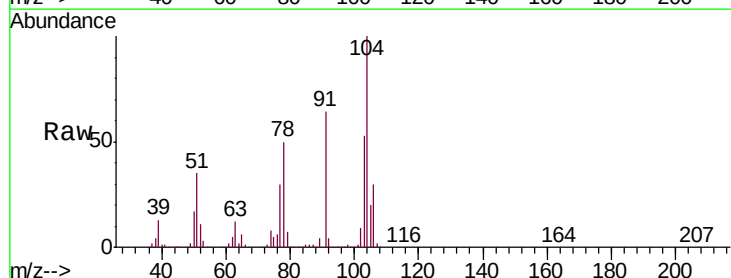
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

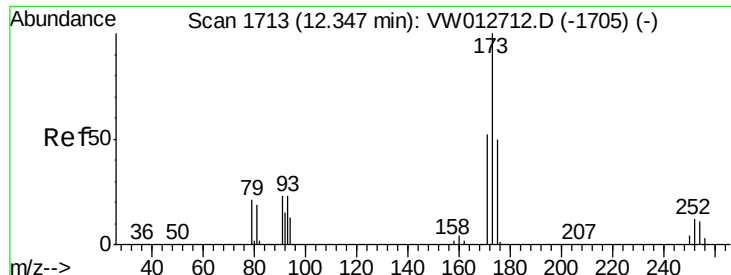
Tgt Ion:106 Resp: 152127
Ion Ratio Lower Upper
106 100
91 222.9 112.3 336.8



#70
Styrene
Concen: 53.259 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion:104 Resp: 272771
Ion Ratio Lower Upper
104 100
78 52.3 43.3 64.9
103 55.3 44.0 66.0





#71

Bromoform

Concen: 59.423 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

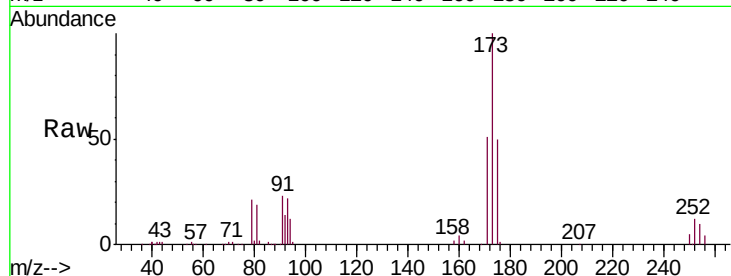
Tgt Ion:173 Resp: 55773

Ion Ratio Lower Upper

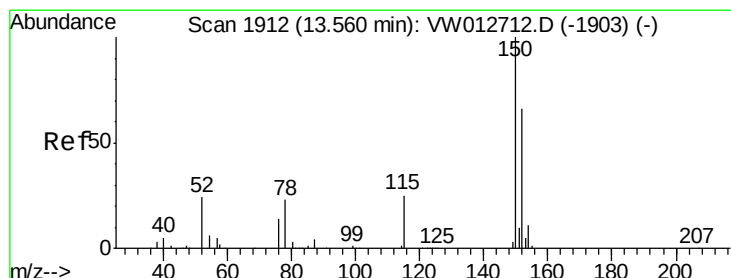
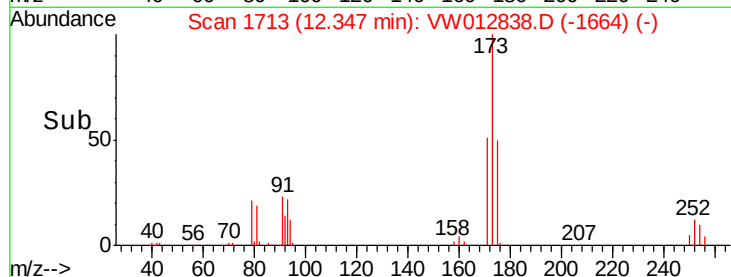
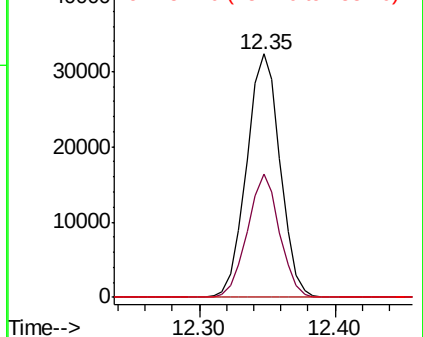
173 100

175 48.7 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: VW012838.D

Acq: 09 Sep 2019 22:53

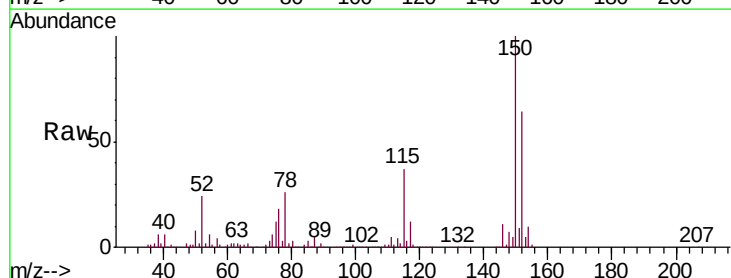
Tgt Ion:152 Resp: 119186

Ion Ratio Lower Upper

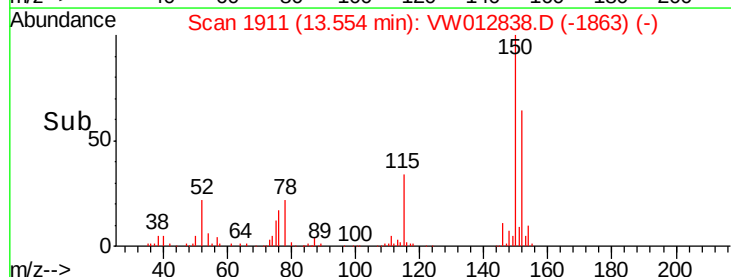
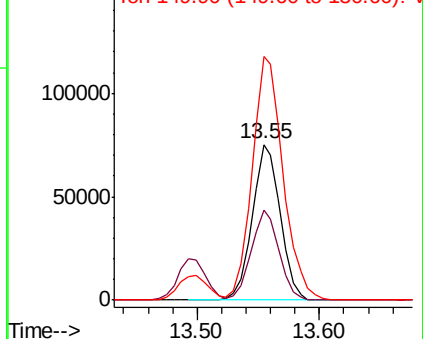
152 100

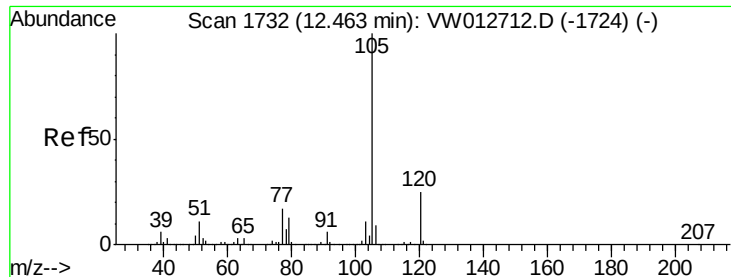
115 57.4 30.0 90.1

150 173.0 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

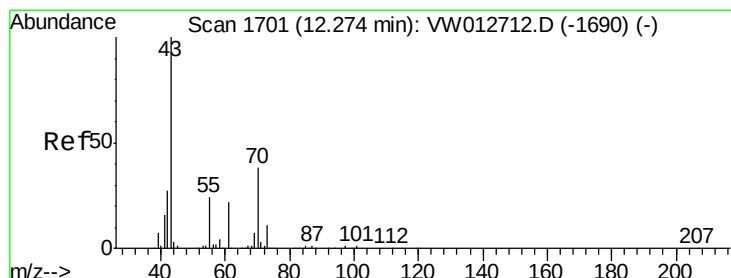
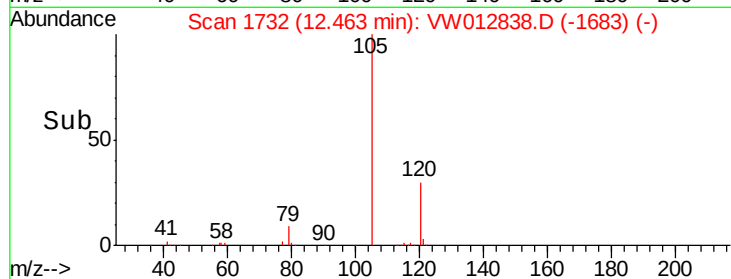
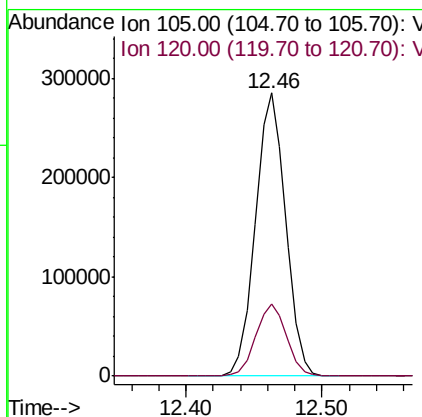
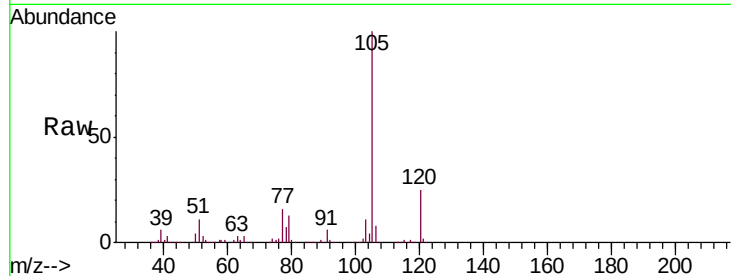




#73
Isopropylbenzene
Concen: 52.103 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

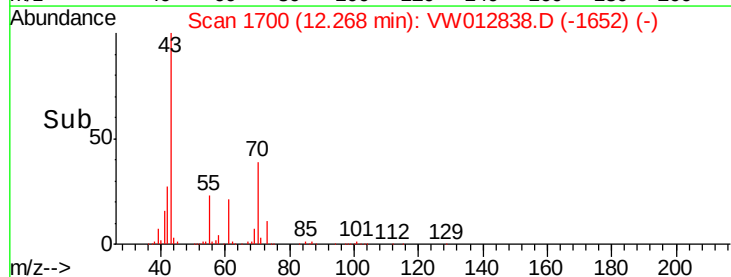
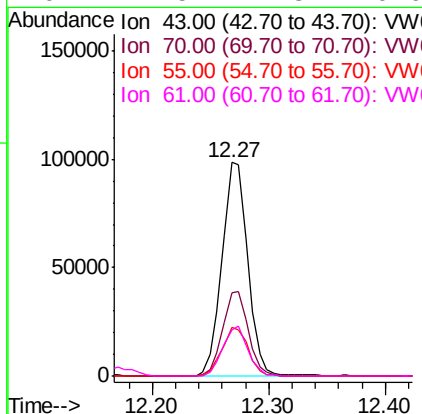
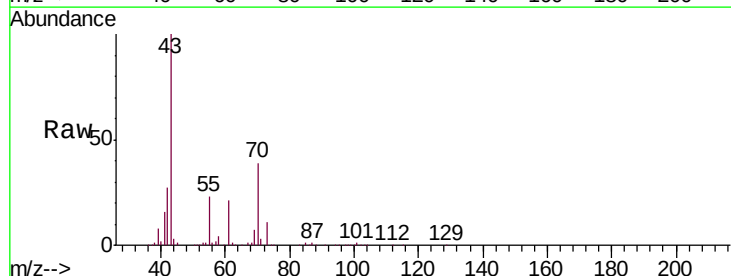
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

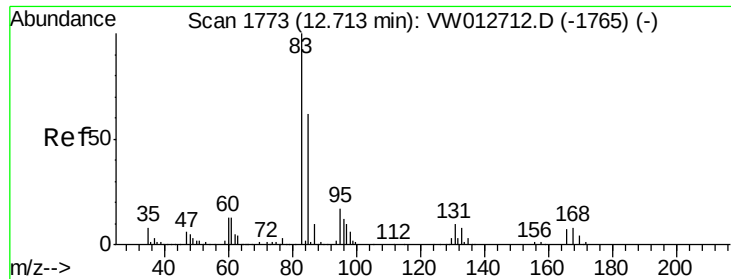
Tgt Ion: 105 Resp: 445391
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 55.739 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion: 43 Resp: 151242
Ion Ratio Lower Upper
43 100
70 39.4 29.4 44.0
55 23.4 18.6 27.8
61 22.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.772 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

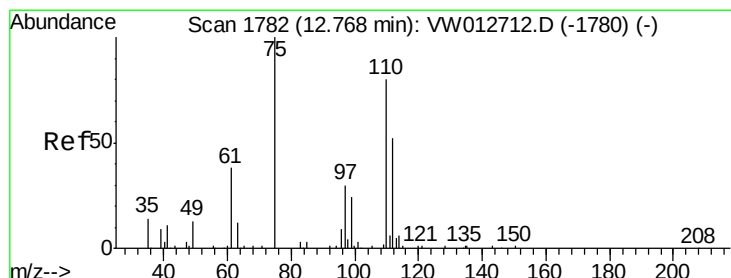
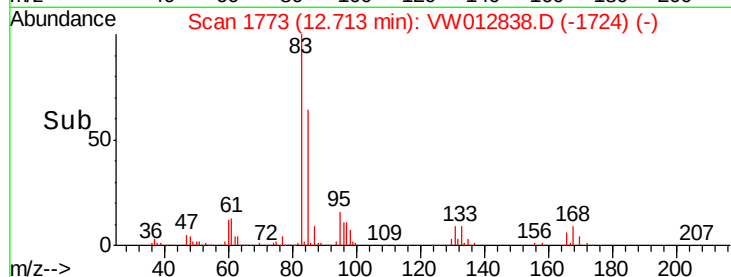
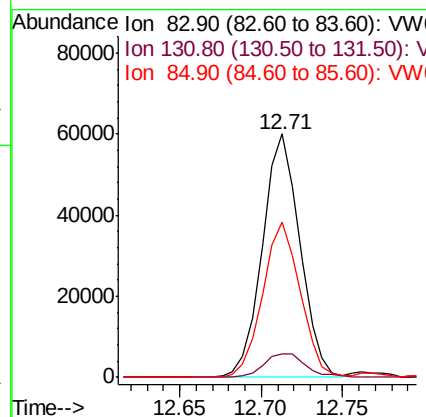
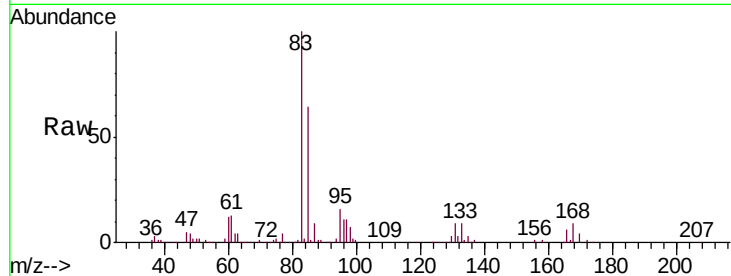
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	95747
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.1	15.4
85	63.8	31.4	94.2



#76

1,2,3-Trichloropropane

Concen: 103.970 ug/l

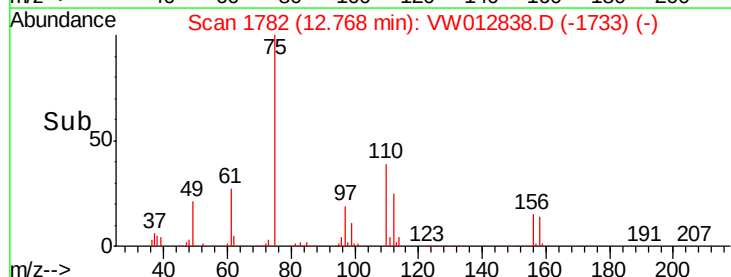
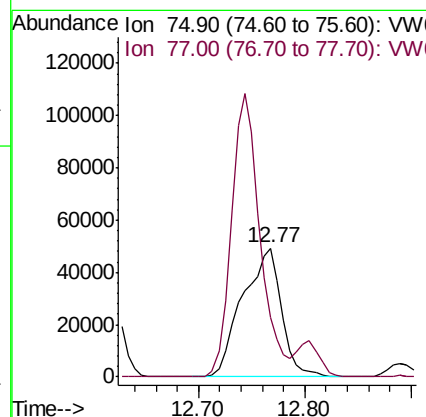
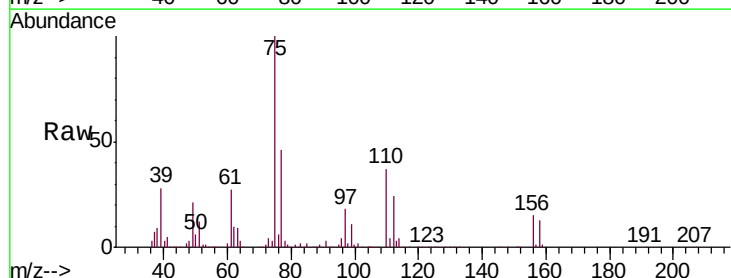
RT: 12.77 min Scan# 1782

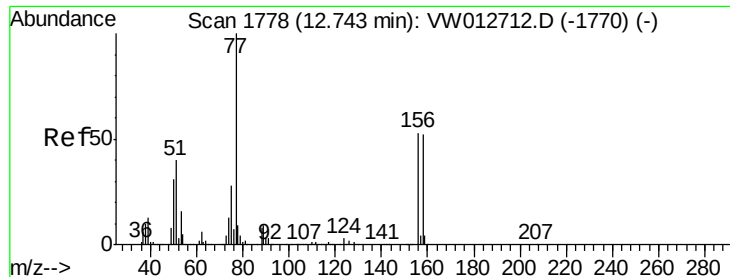
Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Tgt Ion:	75	Resp:	126711
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.556 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

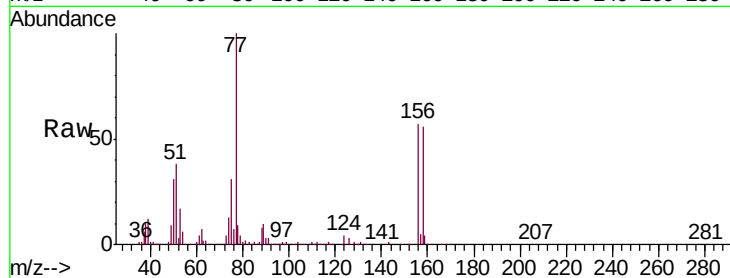
Tgt Ion:156 Resp: 103723

Ion Ratio Lower Upper

156 100

77 196.5 102.3 306.9

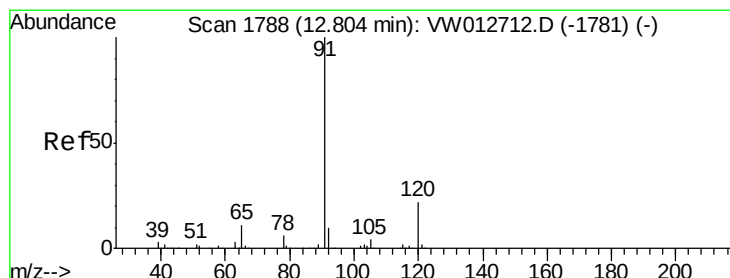
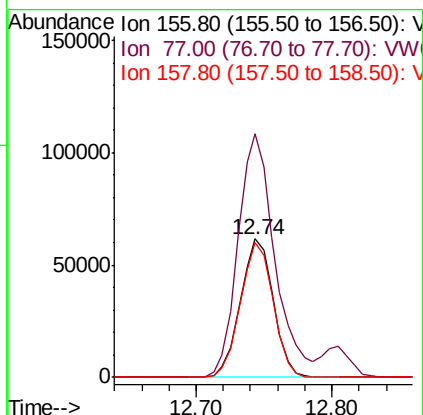
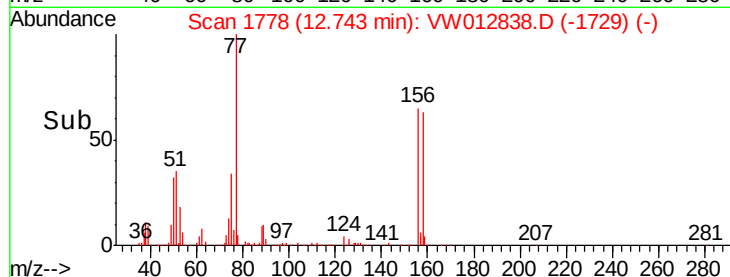
158 97.0 48.9 146.8



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: 50.952 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012838.D

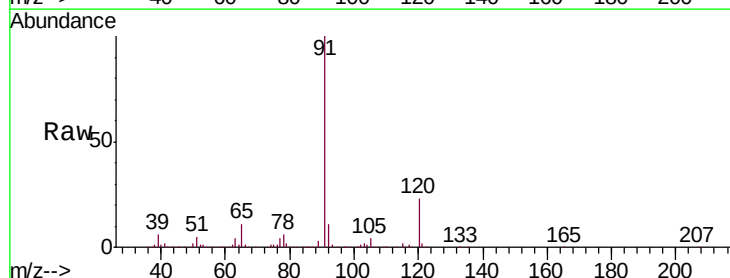
Acq: 09 Sep 2019 22:53

Tgt Ion: 91 Resp: 520919

Ion Ratio Lower Upper

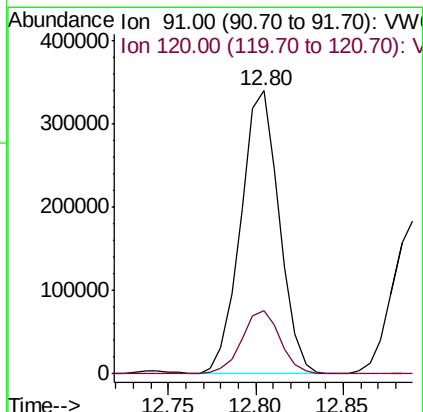
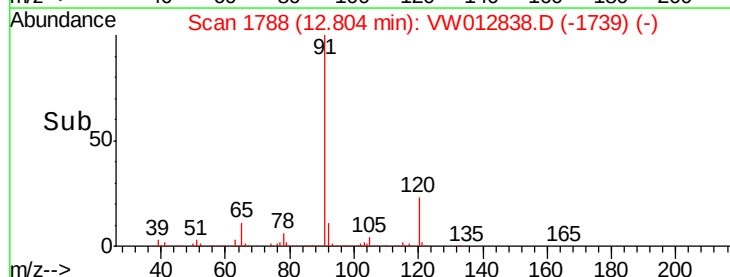
91 100

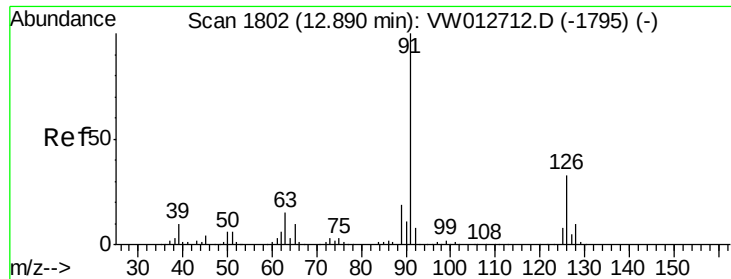
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

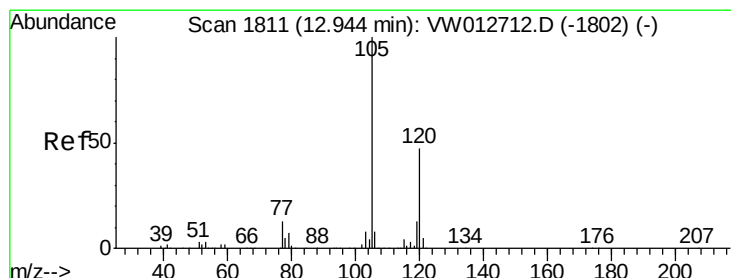
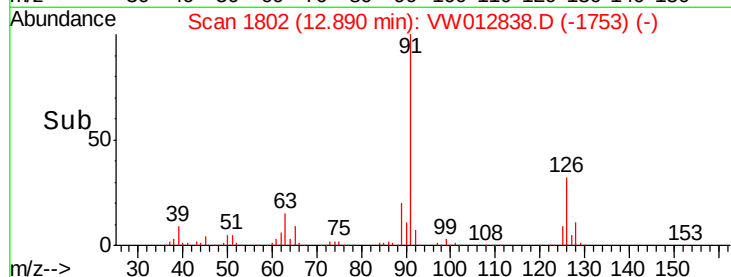
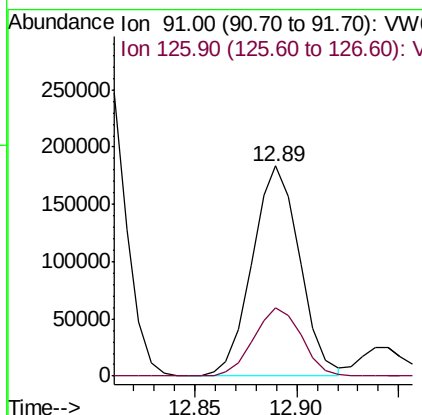
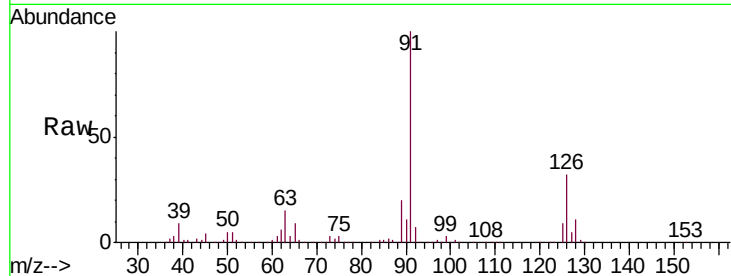




#79
 2-Chlorotoluene
 Concen: 50.397 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

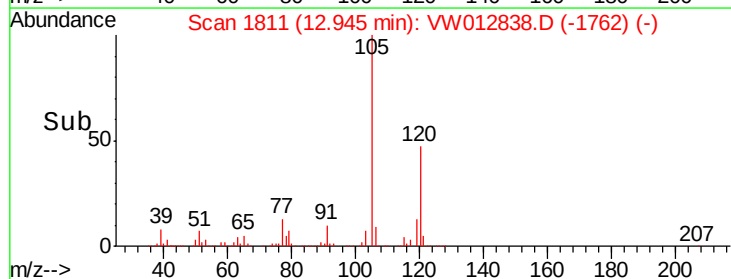
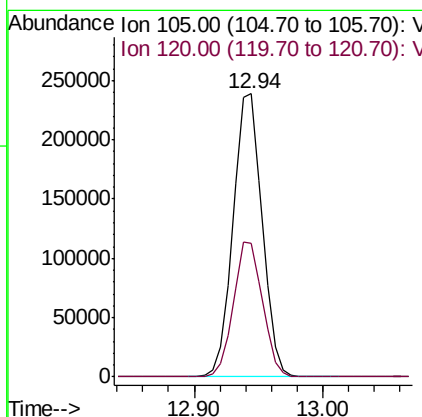
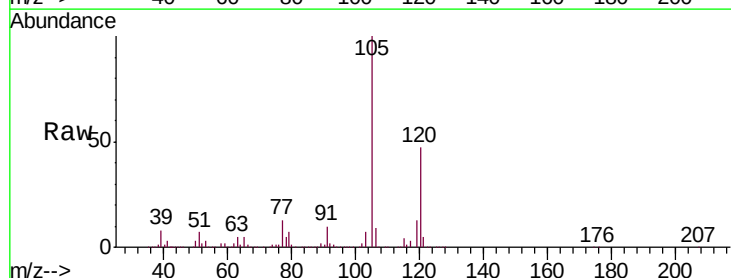
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

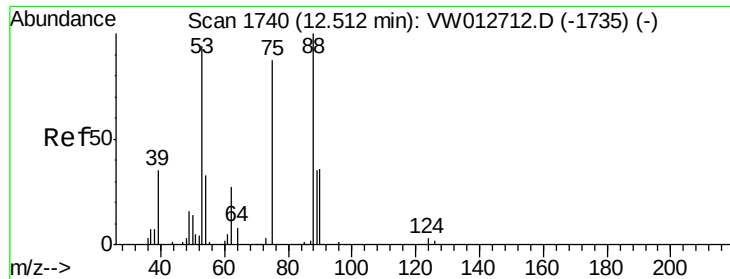
Tgt Ion: 91 Resp: 295789
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.993 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion: 105 Resp: 374516
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.738 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

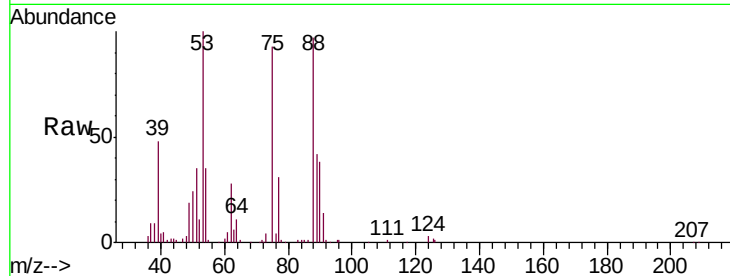
Tgt Ion: 75 Resp: 32117

Ion Ratio Lower Upper

75 100

53 107.7 87.6 131.4

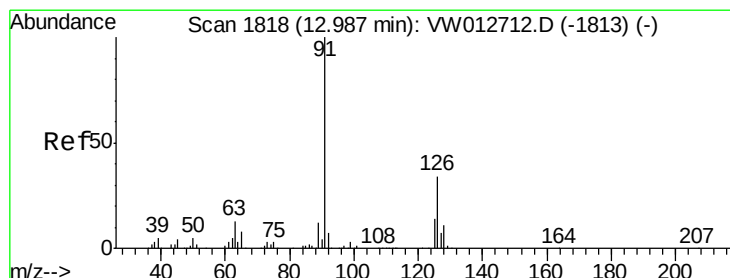
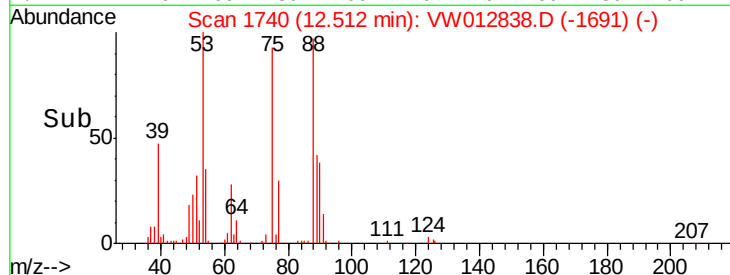
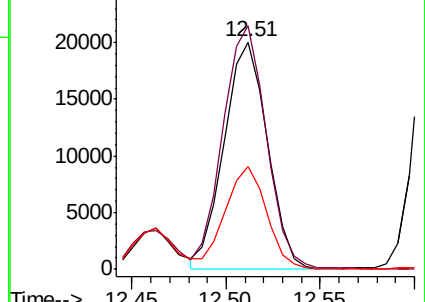
89 43.5 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.666 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012838.D

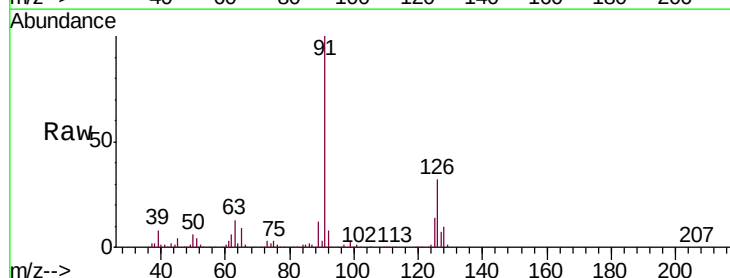
Acq: 09 Sep 2019 22:53

Tgt Ion: 91 Resp: 314550

Ion Ratio Lower Upper

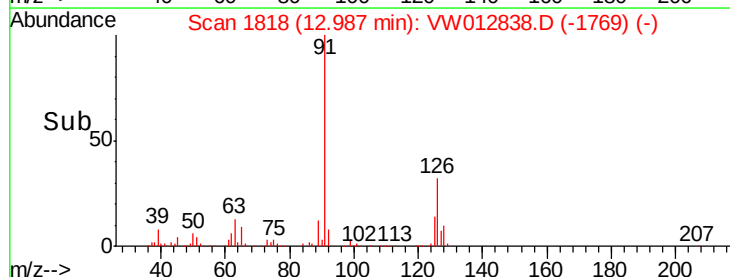
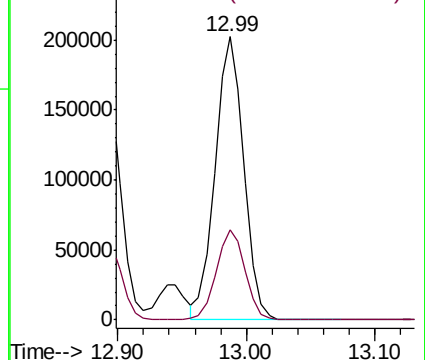
91 100

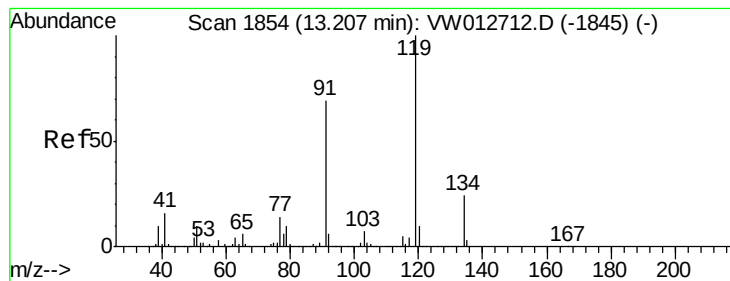
126 32.0 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.596 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

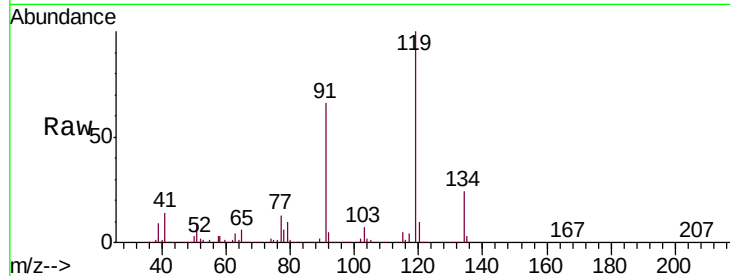
Tgt Ion:119 Resp: 341358

Ion Ratio Lower Upper

119 100

91 65.5 34.2 102.5

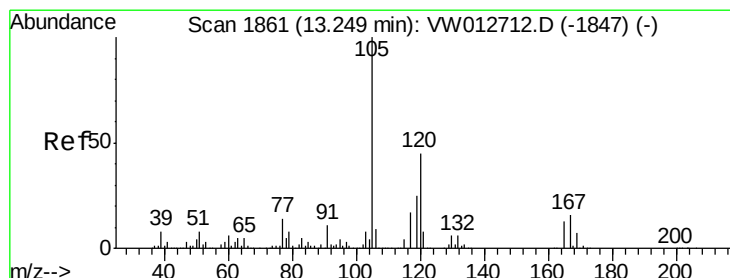
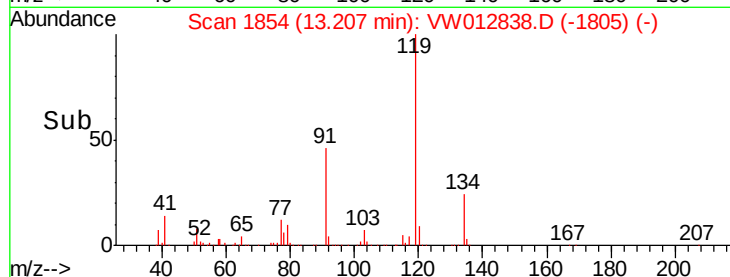
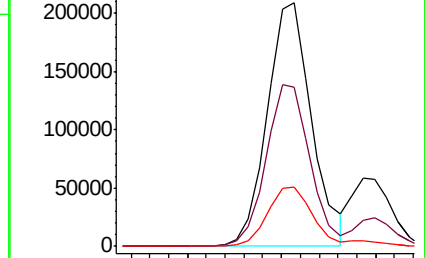
134 26.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.541 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW012838.D

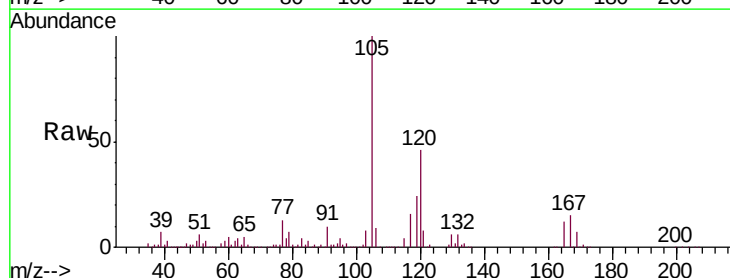
Acq: 09 Sep 2019 22:53

Tgt Ion:105 Resp: 374095

Ion Ratio Lower Upper

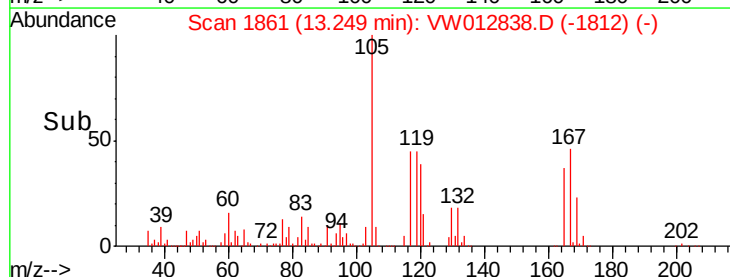
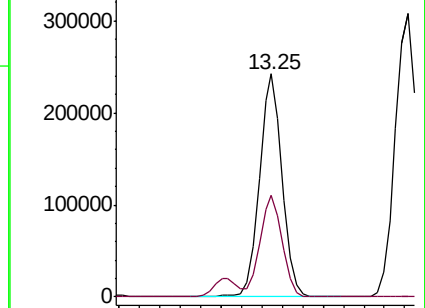
105 100

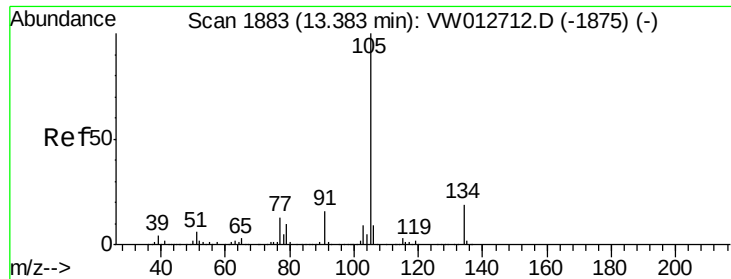
120 45.3 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

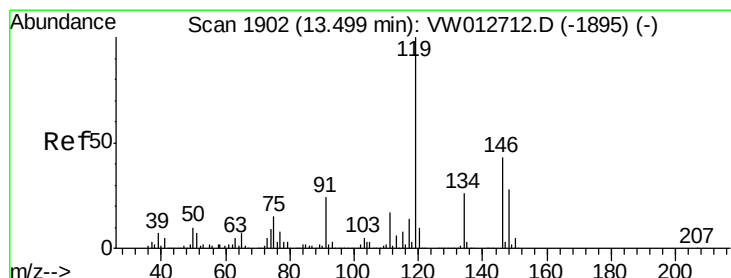
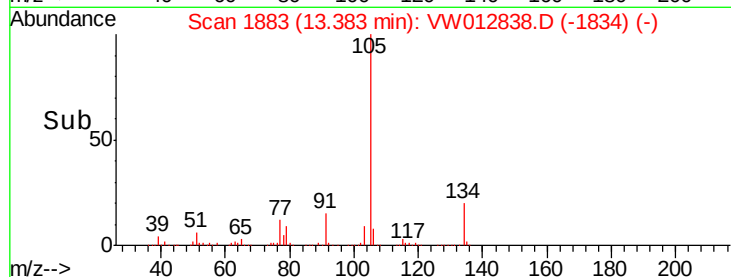
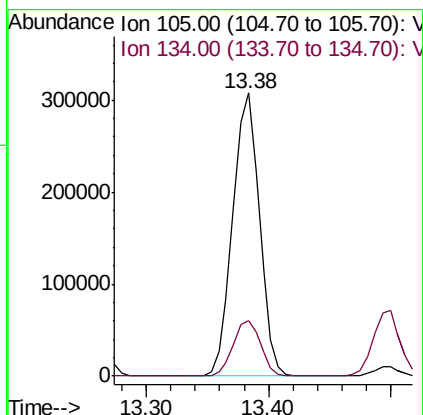
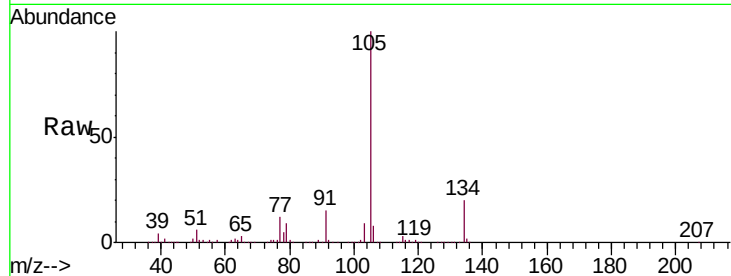




#85
 sec-Butylbenzene
 Concen: 52.502 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

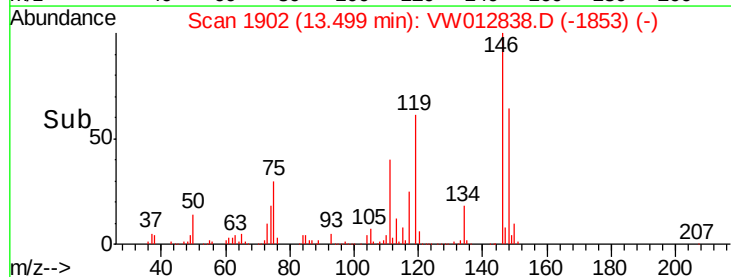
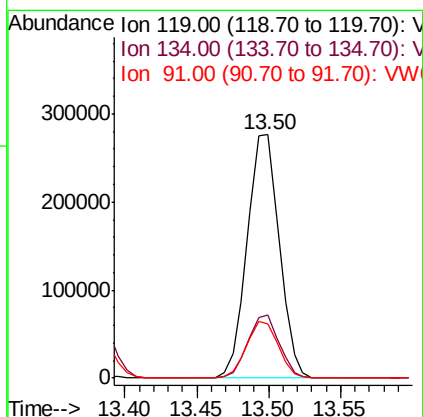
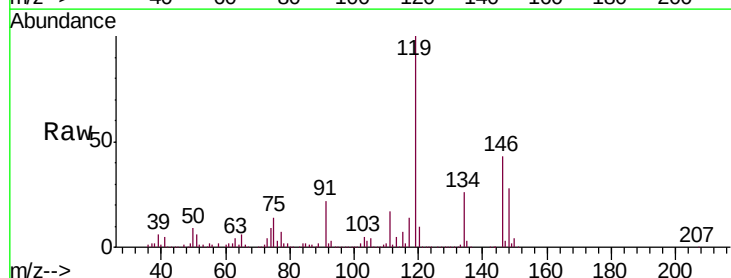
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

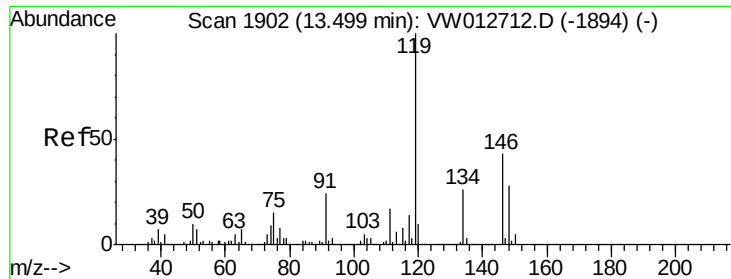
Tgt Ion:105 Resp: 464018
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.748 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:119 Resp: 425827
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 23.1 12.2 36.6

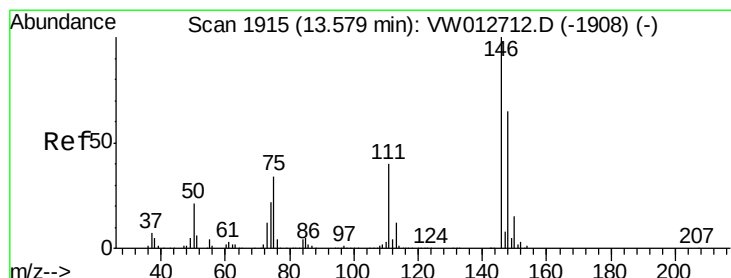
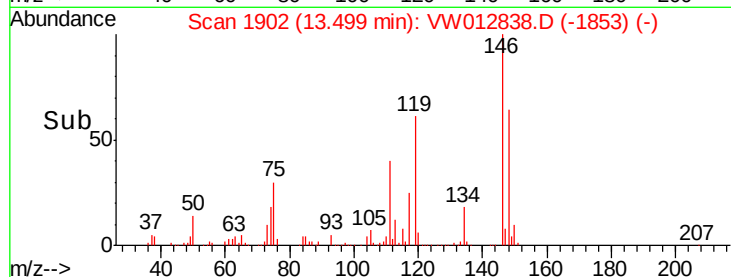
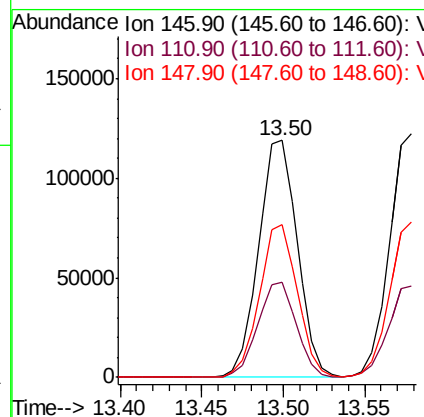
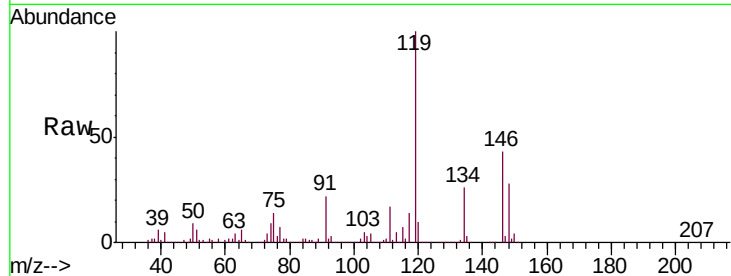




#87
 1,3-Dichlorobenzene
 Concen: 51.762 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

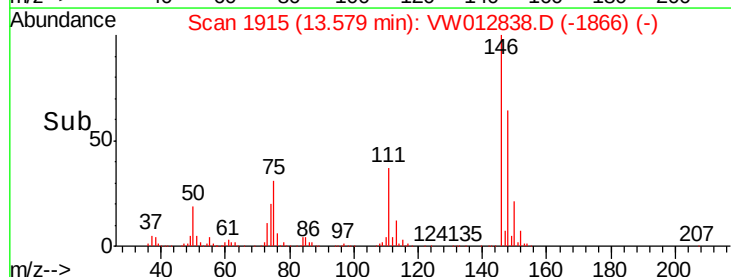
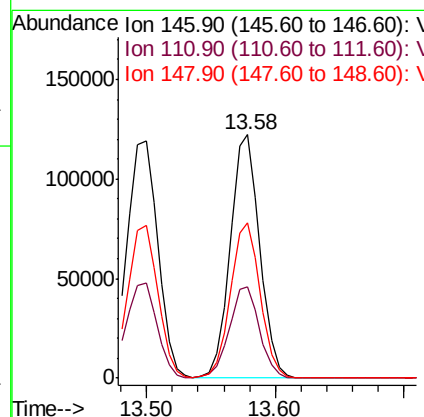
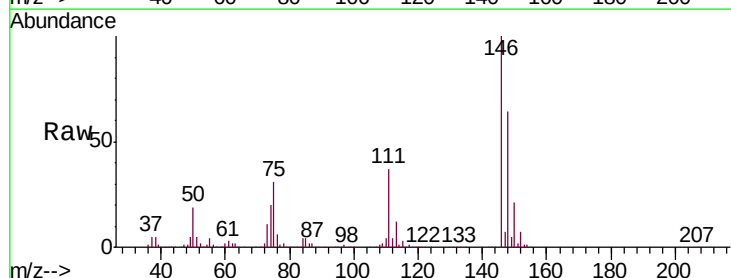
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

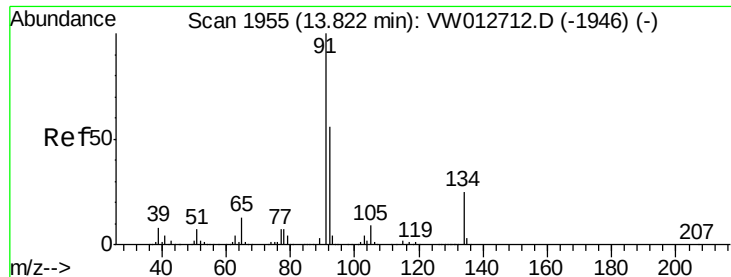
Tgt Ion:146 Resp: 197043
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.2
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.701 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:146 Resp: 195839
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.0 60.0
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 50.125 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012838.D

Acq: 09 Sep 2019 22:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

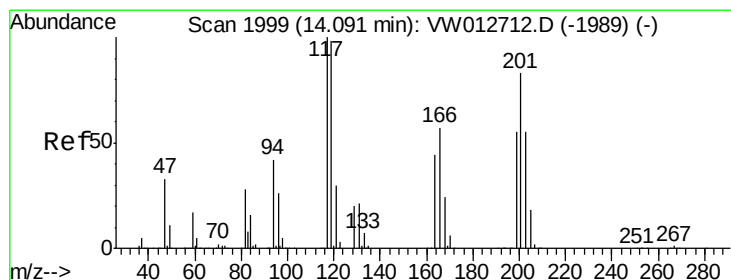
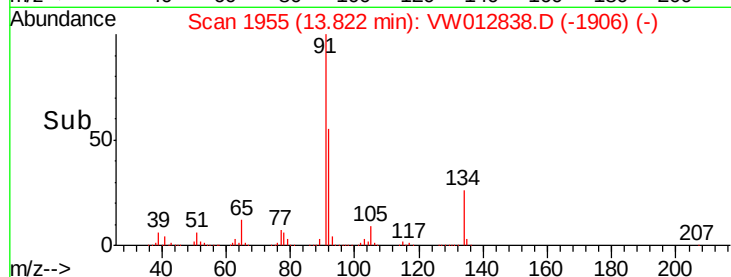
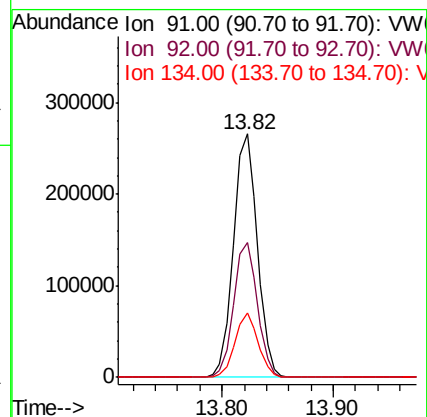
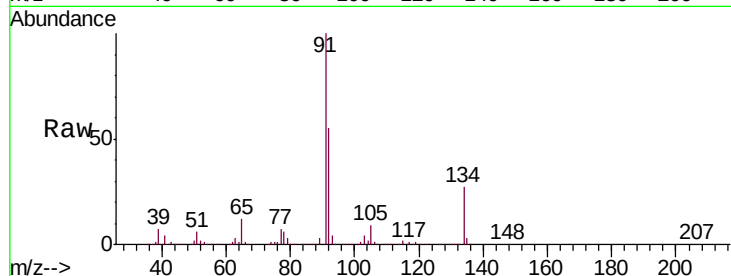
Tgt Ion: 91 Resp: 392847

Ion Ratio Lower Upper

91 100

92 55.0 27.2 81.5

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 52.422 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012838.D

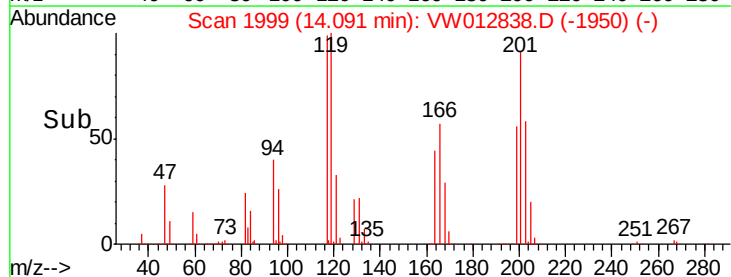
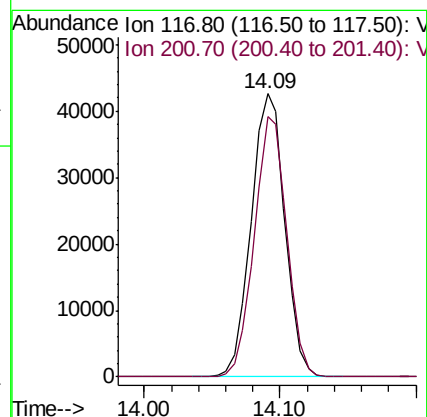
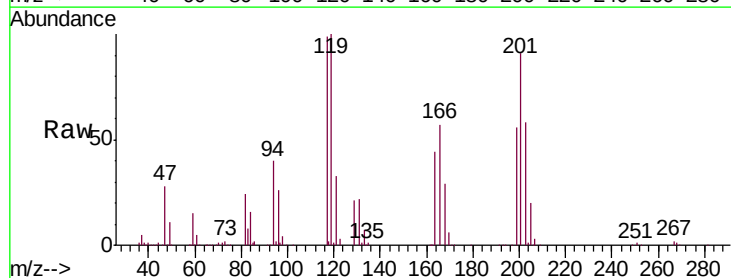
Acq: 09 Sep 2019 22:53

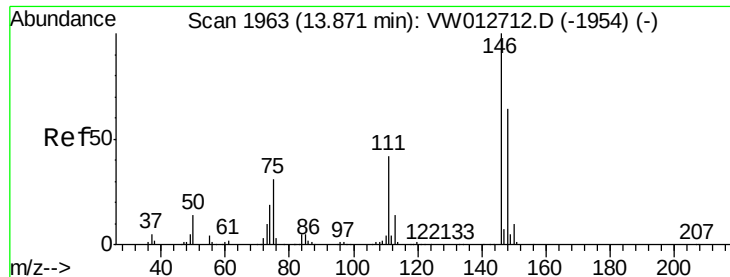
Tgt Ion: 117 Resp: 73878

Ion Ratio Lower Upper

117 100

201 88.6 42.8 128.4

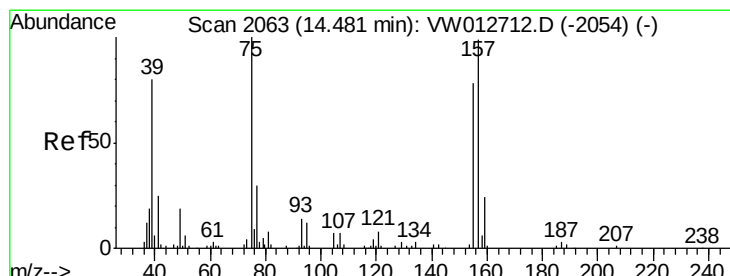
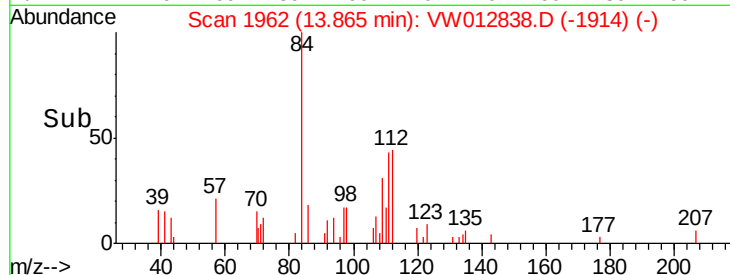
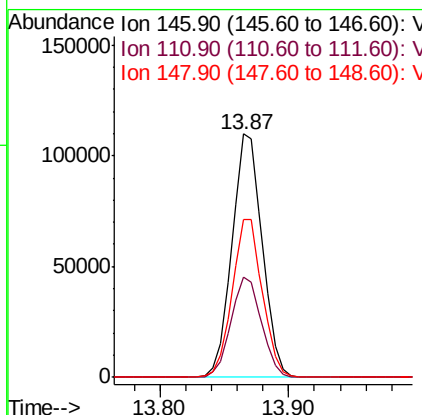
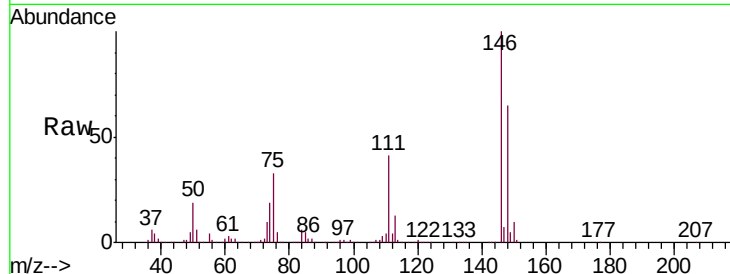




#91
 1,2-Dichlorobenzene
 Concen: 52.357 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

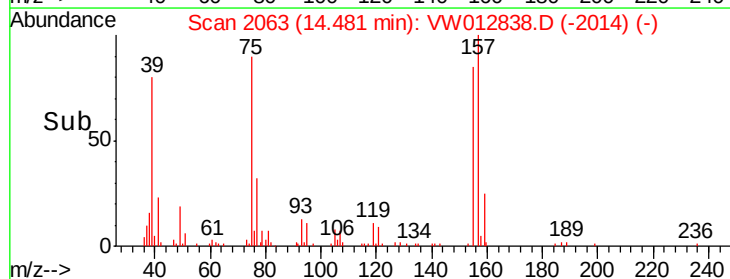
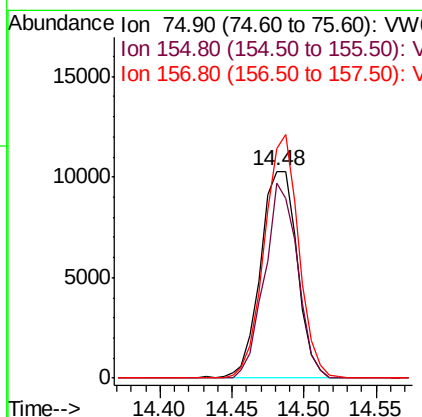
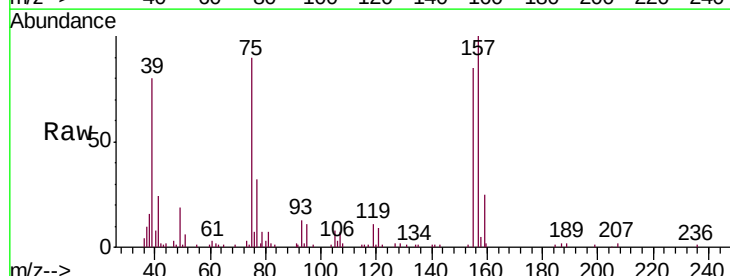
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

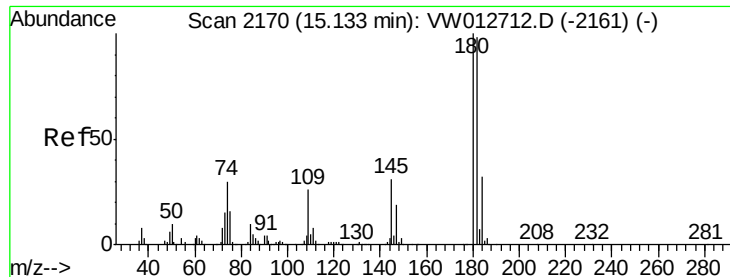
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	63.9
148	64.7	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.745 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	40.6	122.0
157	110.1	52.5	157.5

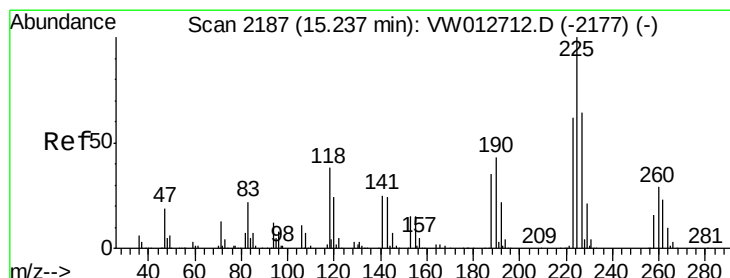
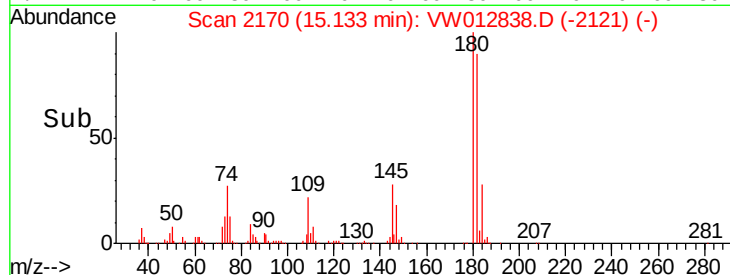
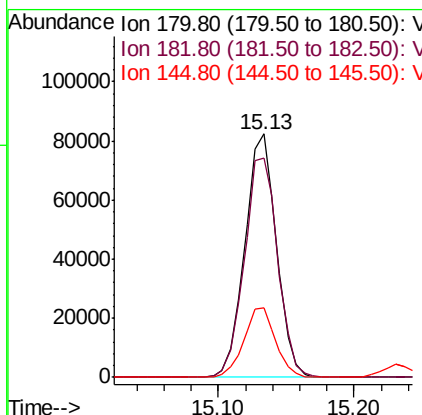
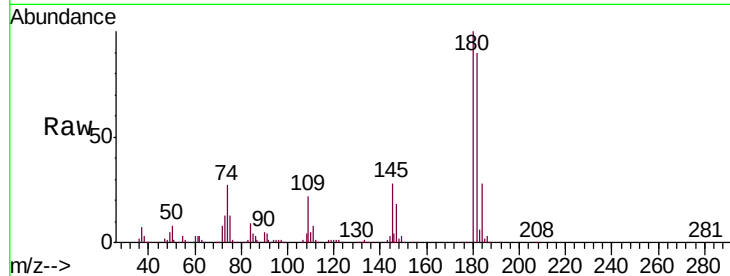




#93
 1,2,4-Trichlorobenzene
 Concen: 56.206 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

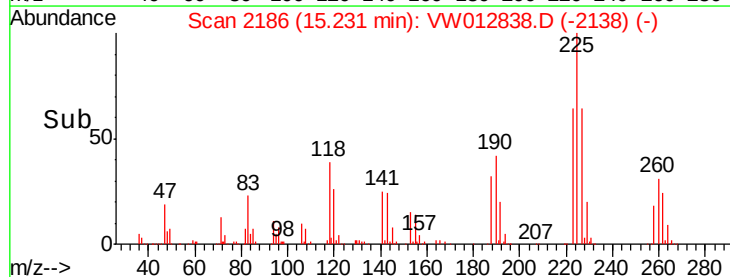
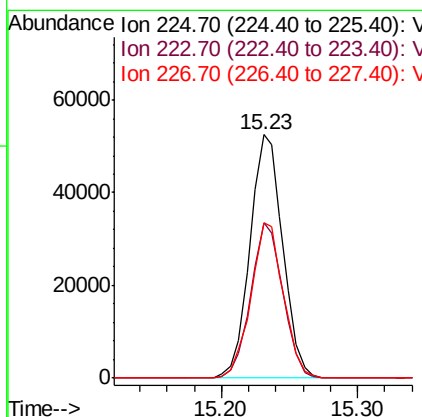
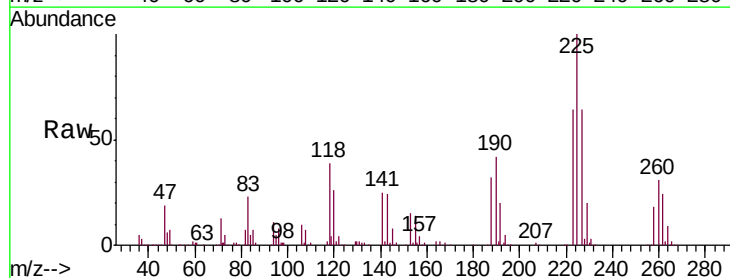
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

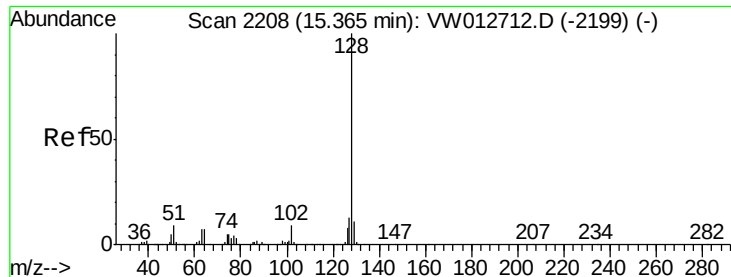
Tgt Ion:180 Resp: 134077
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.7 146.1
 145 28.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 53.587 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012838.D
 Acq: 09 Sep 2019 22:53

Tgt Ion:225 Resp: 88479
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.3
 227 63.4 31.4 94.2

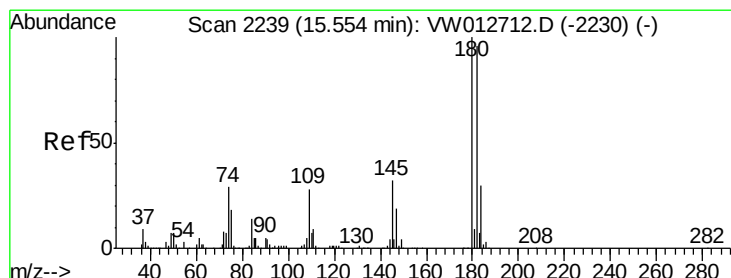
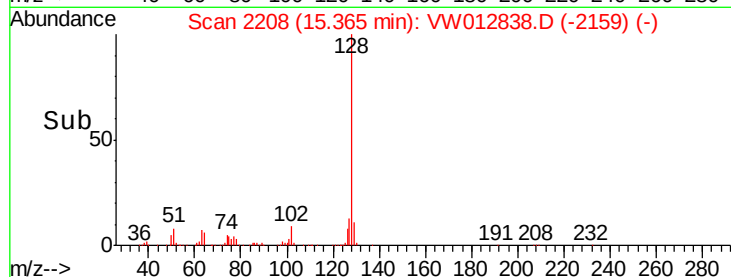
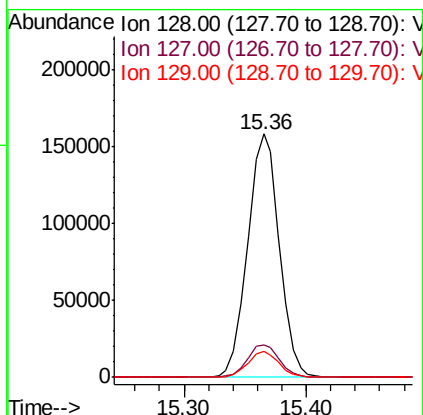
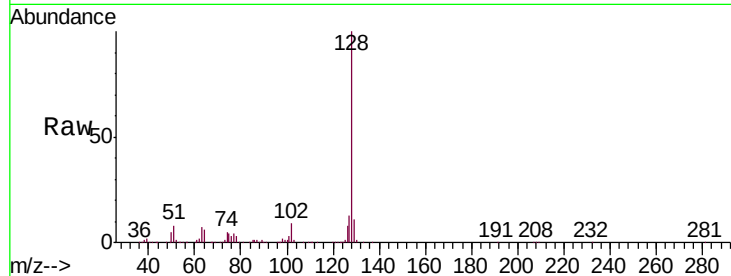




#95
Naphthalene
Concen: 56.176 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 283912
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.340 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012838.D
Acq: 09 Sep 2019 22:53

Tgt Ion:180 Resp: 120736
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.3
145 31.6 15.4 46.2

