

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091119\
 Data File : VW012906.D
 Acq On : 11 Sep 2019 10:04
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 10:37:44 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	192818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	273282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119262	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94298	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	78376	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.32	98	314631	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	110011	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52920	50.626	ug/l	98
3) Chloromethane	2.21	50	61413	48.343	ug/l	96
4) Vinyl Chloride	2.35	62	83751	53.768	ug/l	99
5) Bromomethane	2.78	94	50548	59.762	ug/l	98
6) Chloroethane	2.92	64	51513	55.420	ug/l	94
7) Trichlorofluoromethane	3.26	101	58507	54.431	ug/l	98
8) Diethyl Ether	3.68	74	44181	48.905	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91253	54.098	ug/l	97
10) Methyl Iodide	4.27	142	115465	54.375	ug/l	99
11) Tert butyl alcohol	5.15	59	36301	220.225	ug/l	99
12) 1,1-Dichloroethene	4.04	96	82143	51.587	ug/l	97
13) Acrolein	3.89	56	31053	177.526	ug/l	99
14) Allyl chloride	4.66	41	156349	47.465	ug/l	97
15) Acrylonitrile	5.37	53	120545	228.452	ug/l	100
16) Acetone	4.12	43	146144	248.825	ug/l	98
17) Carbon Disulfide	4.38	76	161546	47.795	ug/l	98
18) Methyl Acetate	4.67	43	57517	41.740	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	164922	52.225	ug/l	98
20) Methylene Chloride	4.92	84	92278	50.219	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	84815	52.202	ug/l	92
22) Diisopropyl ether	6.31	45	323571	49.528	ug/l	96
23) Vinyl Acetate	6.25	43	998147	241.078	ug/l	99
24) 1,1-Dichloroethane	6.21	63	181034	51.464	ug/l	99
25) 2-Butanone	7.16	43	181736	213.285	ug/l	99
26) 2,2-Dichloropropane	7.16	77	123845	55.742	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	101429	53.840	ug/l	98
28) Bromochloromethane	7.51	49	76986	47.662	ug/l	87
29) Tetrahydrofuran	7.52	42	100797	212.519	ug/l	96
30) Chloroform	7.67	83	181915	52.181	ug/l	96
31) Cyclohexane	7.95	56	145712	46.011	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	152173	53.849	ug/l	99
36) 1,1-Dichloropropene	8.08	75	134337	55.324	ug/l	99
37) Ethyl Acetate	7.25	43	71601	46.257	ug/l	98
38) Carbon Tetrachloride	8.07	117	137361	57.387	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	146823	53.837	ug/l	96
40) Benzene	8.32	78	366914	54.462	ug/l	99
41) Methacrylonitrile	7.48	41	46472	44.614	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126628	53.407	ug/l	99
43) Isopropyl Acetate	8.42	43	141154	48.133	ug/l	97
44) Trichloroethene	9.09	130	99972	57.568	ug/l	93
45) 1,2-Dichloropropane	9.37	63	97905	52.397	ug/l	98
46) Dibromomethane	9.46	93	47836	54.063	ug/l	96
47) Bromodichloromethane	9.64	83	136708	56.158	ug/l	97
48) Methyl methacrylate	9.43	41	67523	48.180	ug/l	99
49) 1,4-Dioxane	9.45	88	14917	853.483	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	361186	234.717	ug/l	99
52) Toluene	10.38	92	236736	56.301	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	136769	54.638	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158340	55.760	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	72658	54.849	ug/l	95
56) Ethyl methacrylate	10.65	69	101637	52.415	ug/l	97
57) 1,3-Dichloropropane	10.93	76	128666	52.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	243061	236.115	ug/l	96
59) 2-Hexanone	10.97	43	269017	239.289	ug/l	98
60) Dibromochloromethane	11.13	129	87829	56.375	ug/l	99
61) 1,2-Dibromoethane	11.23	107	65917	54.276	ug/l	98
64) Tetrachloroethene	10.86	164	84683	59.002	ug/l	98
65) Chlorobenzene	11.65	112	252305	56.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	97318	58.453	ug/l	99
67) Ethyl Benzene	11.73	91	480081	57.234	ug/l	98
68) m/p-Xylenes	11.84	106	352843	116.539	ug/l	99
69) o-Xylene	12.16	106	165030	57.775	ug/l	98
70) Styrene	12.18	104	293460	58.140	ug/l	99
71) Bromoform	12.35	173	51733	55.928	ug/l #	98
73) Isopropylbenzene	12.46	105	484706	56.666	ug/l	99
74) N-amyl acetate	12.27	43	129704	47.771	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	83529	48.624	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	111922	91.776	ug/l #	100
77) Bromobenzene	12.74	156	109961	56.741	ug/l	93
78) n-propylbenzene	12.80	91	568721	55.592	ug/l	99
79) 2-Chlorotoluene	12.89	91	322450	54.904	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	411347	57.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28841	50.021	ug/l	100
82) 4-Chlorotoluene	12.99	91	340219	54.766	ug/l	99
83) tert-Butylbenzene	13.21	119	363960	57.108	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	406806	56.012	ug/l	100
85) sec-Butylbenzene	13.38	105	499501	56.481	ug/l	99
86) p-Isopropyltoluene	13.50	119	458073	56.707	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	215438	56.559	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	214301	56.539	ug/l	98
89) n-Butylbenzene	13.82	91	432161	55.106	ug/l	99
90) Hexachloroethane	14.09	117	78915	55.960	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	189914	55.394	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14806	47.097	ug/l	98

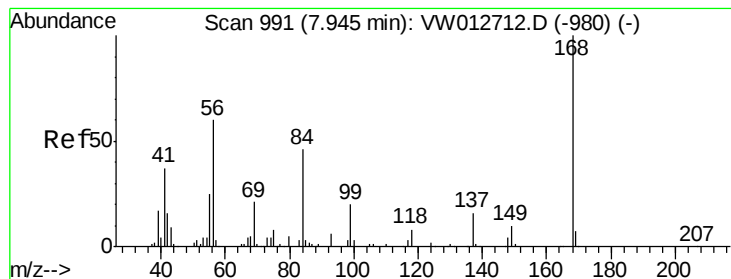
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	139688	58.521	ug/l	98
94) Hexachlorobutadiene	15.23	225	93881	56.822	ug/l	98
95) Naphthalene	15.36	128	239753	48.101	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	122248	58.021	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

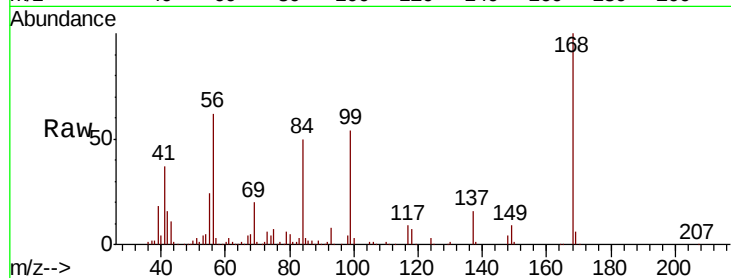
VSTDCCC050

Tgt Ion:168 Resp: 192818

Ion Ratio Lower Upper

168 100

99 53.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

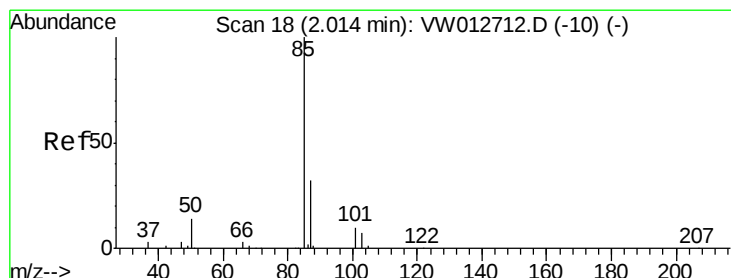
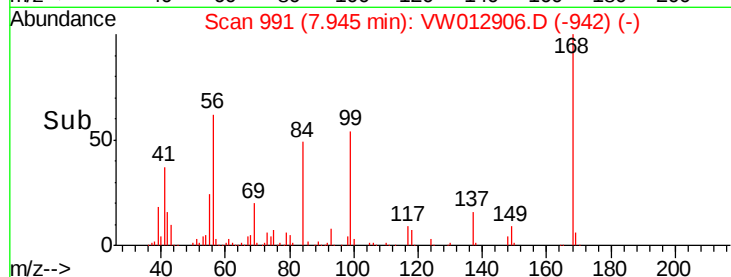
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.626 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012906.D

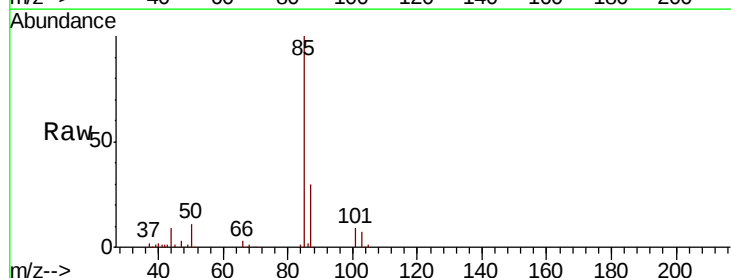
Acq: 11 Sep 2019 10:04

Tgt Ion: 85 Resp: 52920

Ion Ratio Lower Upper

85 100

87 30.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

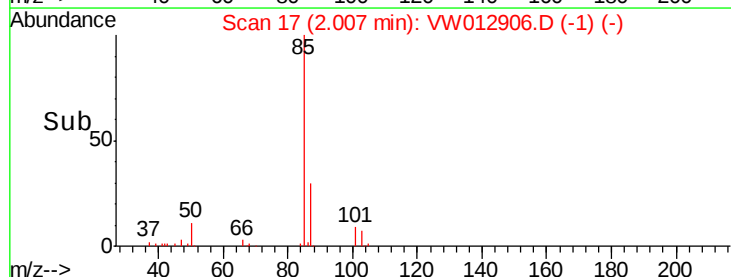
10000

5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 48.343 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

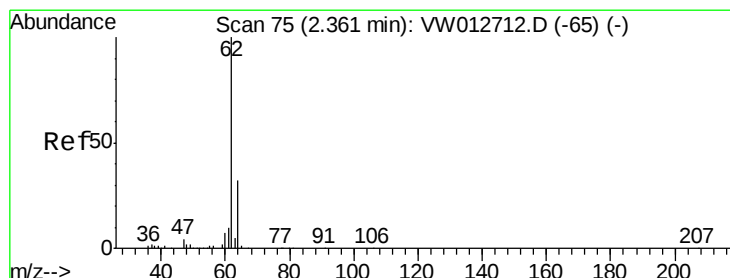
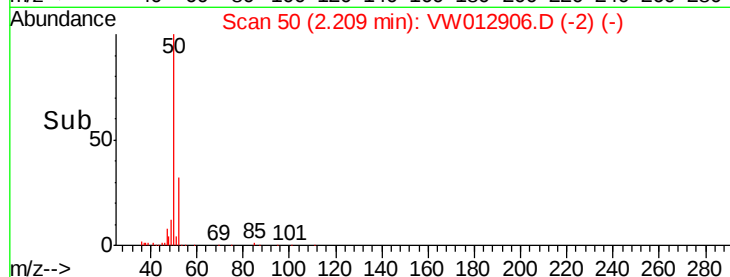
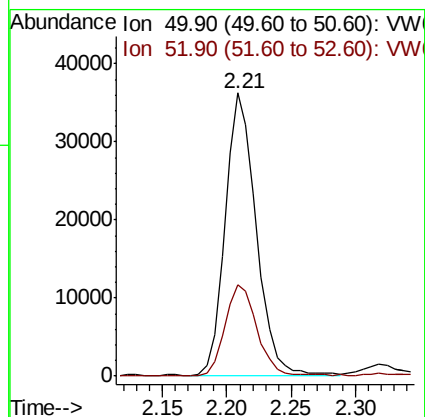
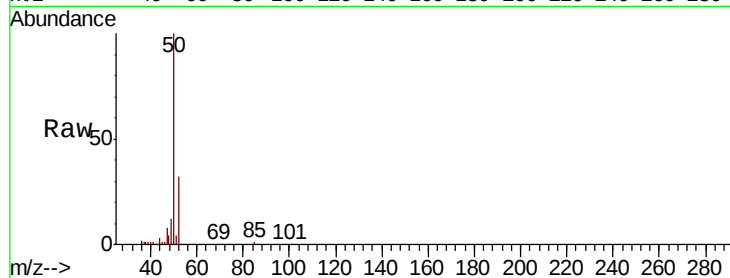
VSTDCCC050

Tgt Ion: 50 Resp: 61413

Ion Ratio Lower Upper

50 100

52 32.3 24.2 36.2



#4

Vinyl Chloride

Concen: 53.768 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012906.D

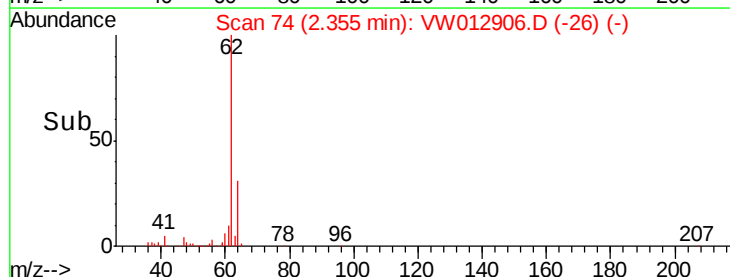
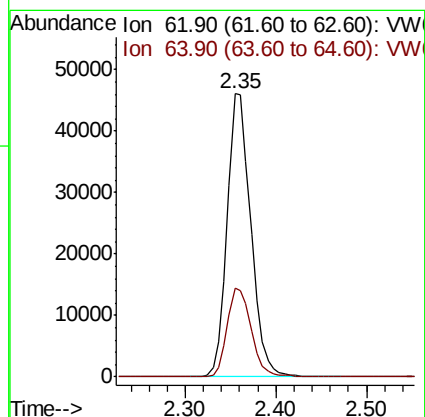
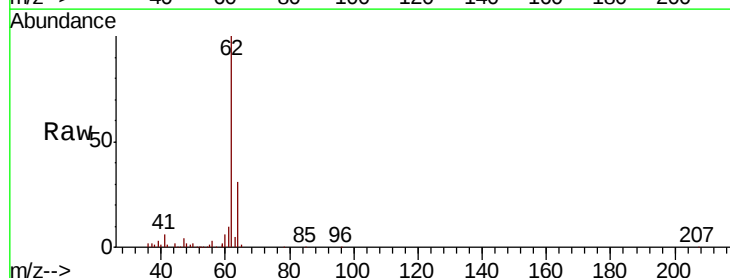
Acq: 11 Sep 2019 10:04

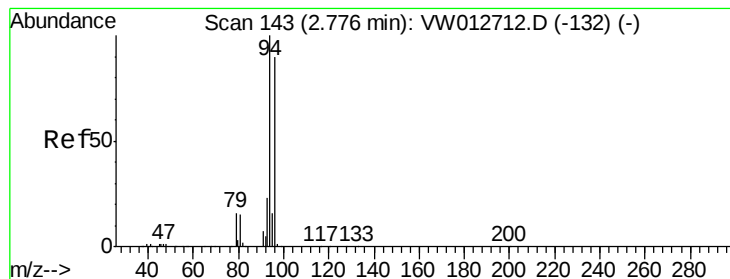
Tgt Ion: 62 Resp: 83751

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 59.762 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

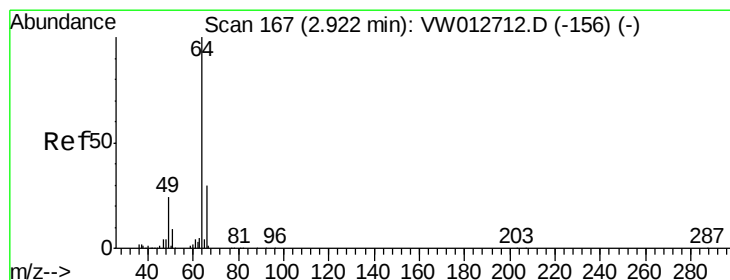
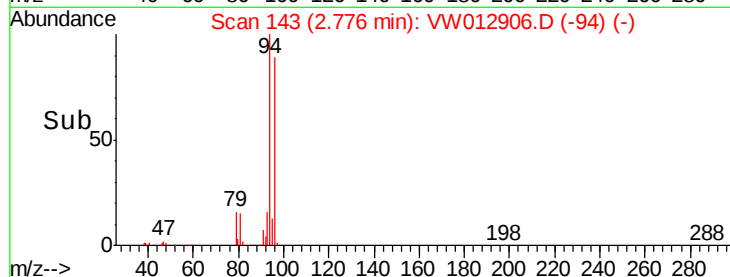
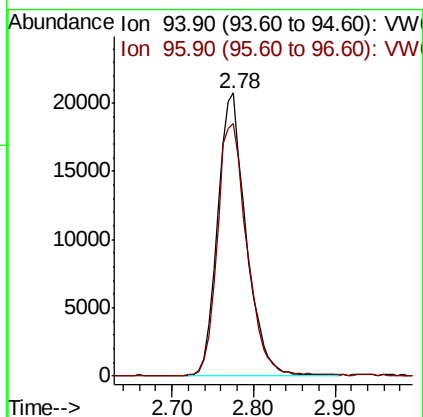
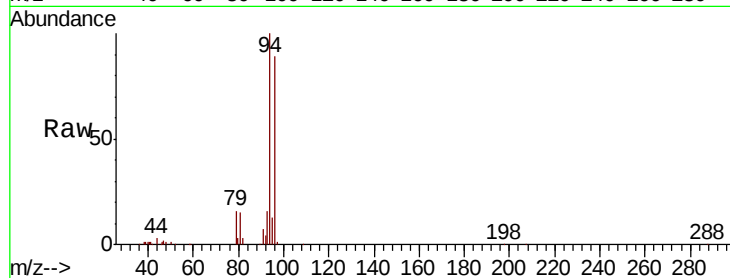
VSTDCCC050

Tgt Ion: 94 Resp: 50548

Ion Ratio Lower Upper

94 100

96 88.6 72.1 108.1



#6

Chloroethane

Concen: 55.420 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012906.D

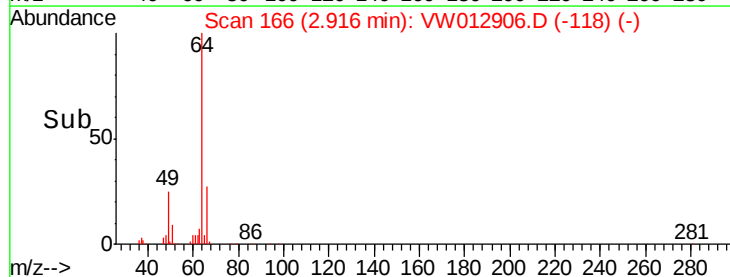
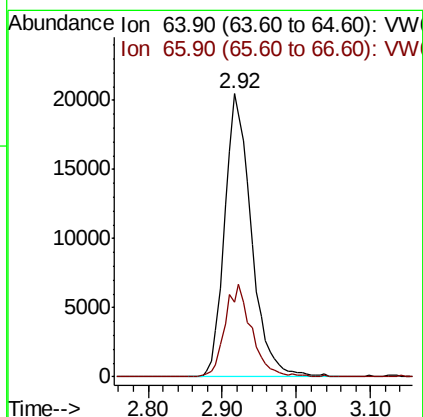
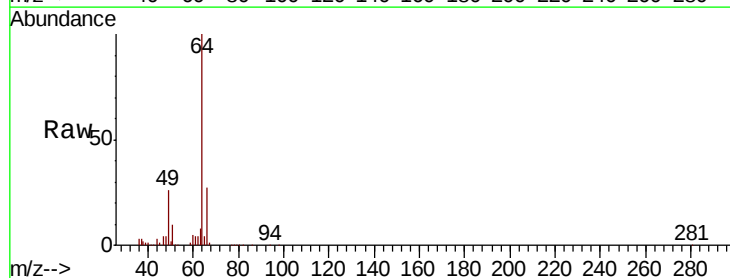
Acq: 11 Sep 2019 10:04

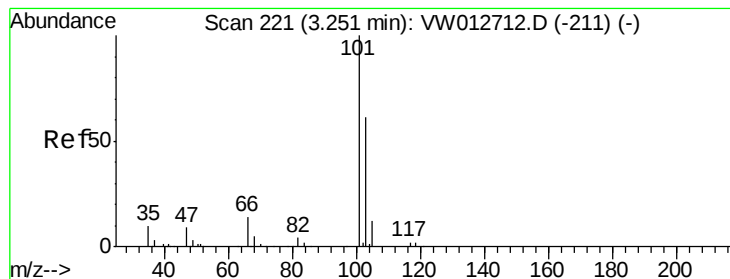
Tgt Ion: 64 Resp: 51513

Ion Ratio Lower Upper

64 100

66 26.5 23.8 35.6



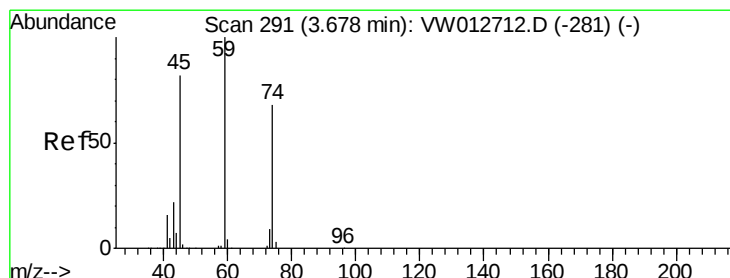
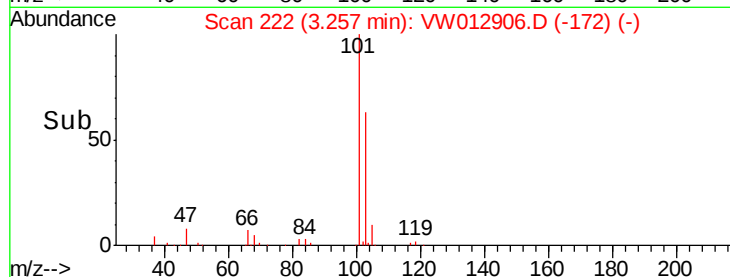
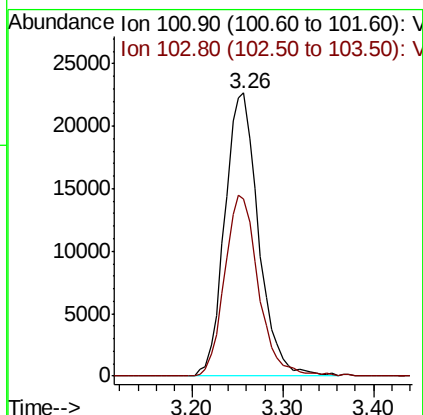
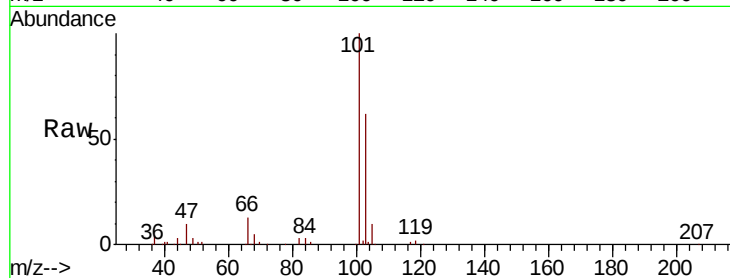


#7

Trichlorofluoromethane
 Concen: 54.431 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

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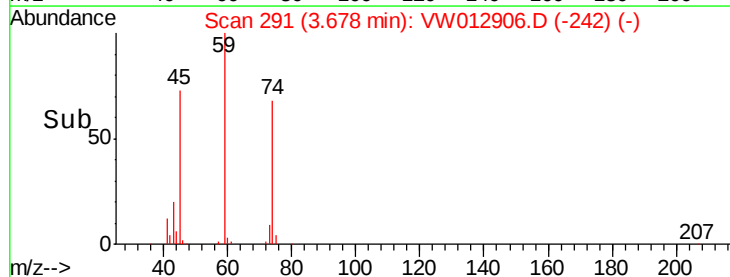
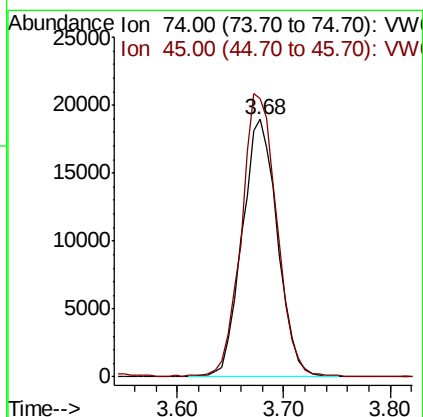
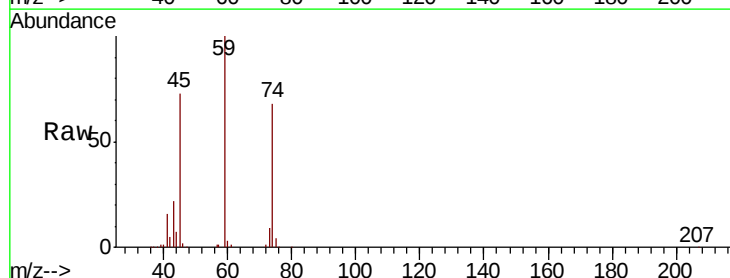
Tgt Ion:101 Resp: 58507
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.0 73.4

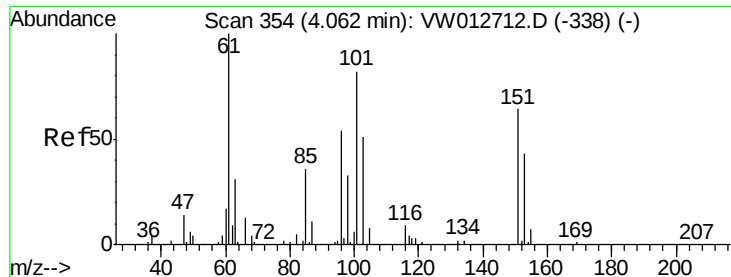


#8

Diethyl Ether
 Concen: 48.905 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 74 Resp: 44181
 Ion Ratio Lower Upper
 74 100
 45 110.8 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.098 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

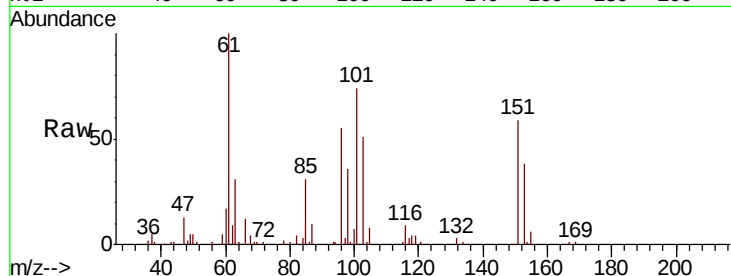
Tgt Ion:101 Resp: 91253

Ion Ratio Lower Upper

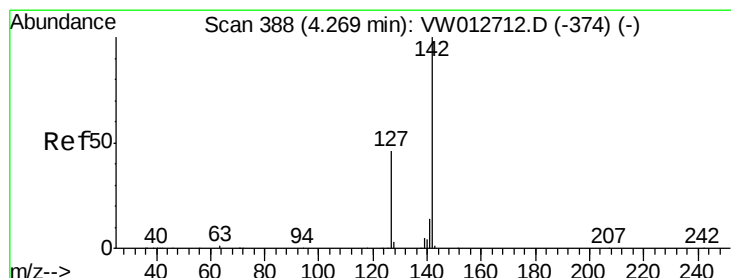
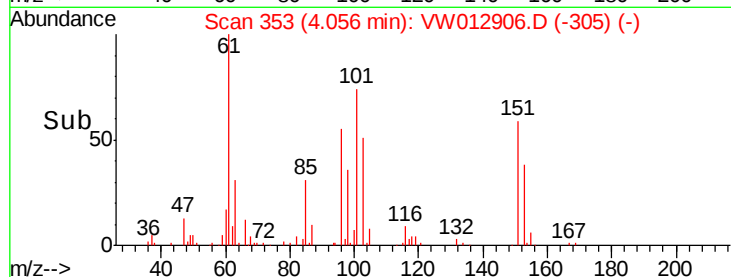
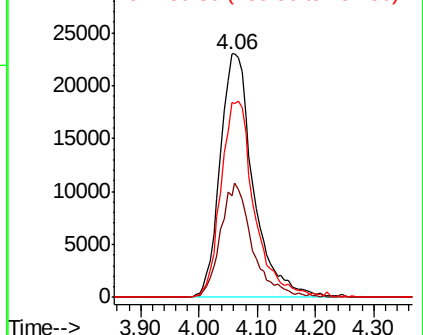
101 100

85 44.8 36.2 54.2

151 80.7 61.9 92.9



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



#10

Methyl Iodide

Concen: 54.375 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

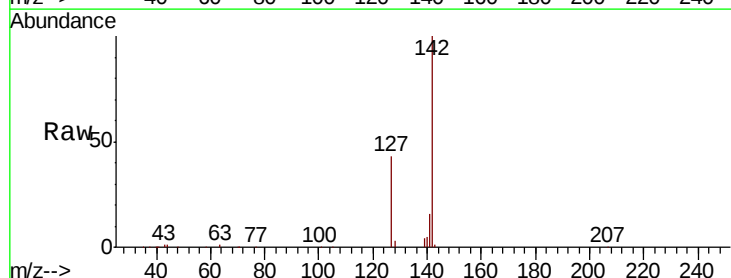
Tgt Ion:142 Resp: 115465

Ion Ratio Lower Upper

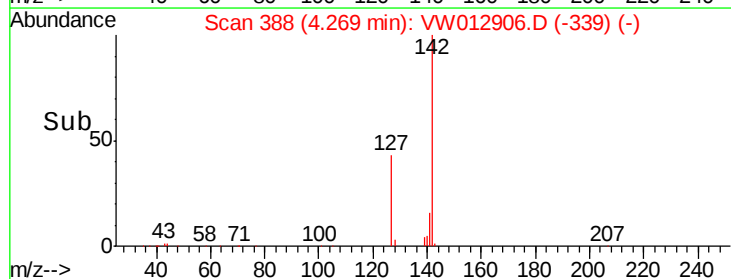
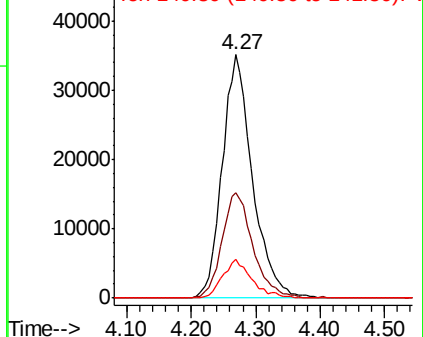
142 100

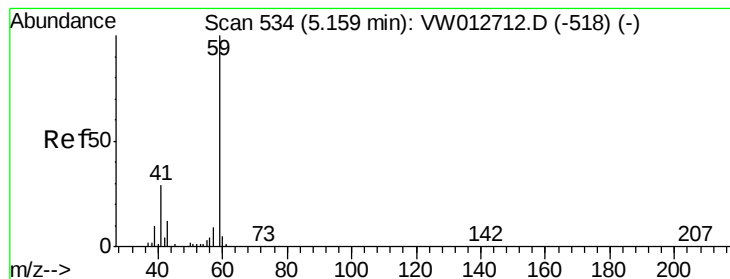
127 44.1 36.0 54.0

141 15.3 12.2 18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



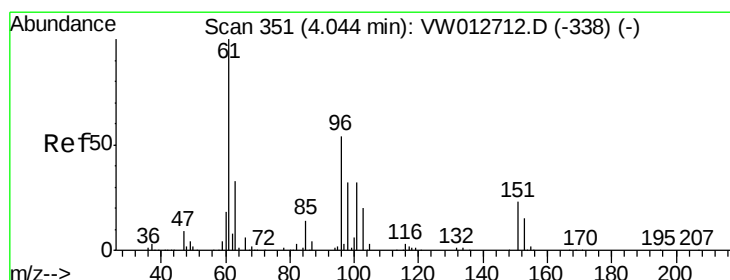
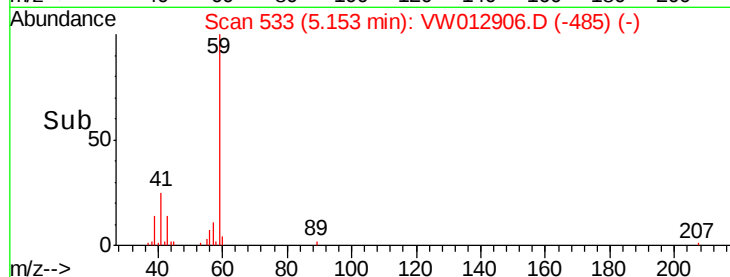
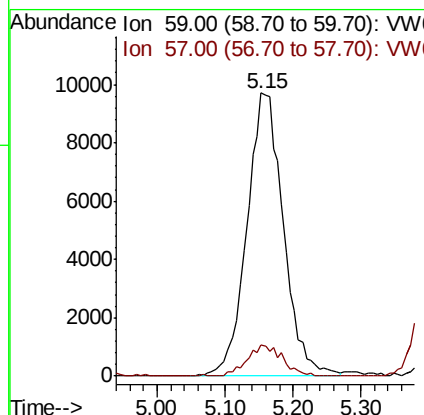
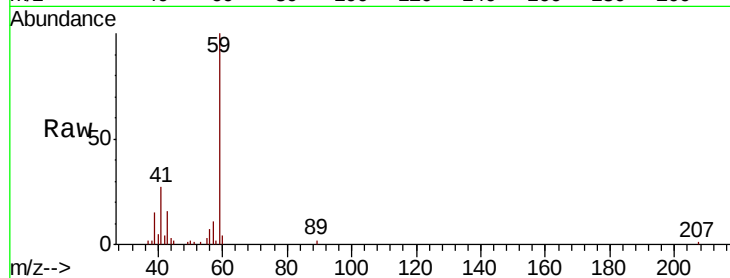


#11

Tert butyl alcohol
 Concen: 220.225 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

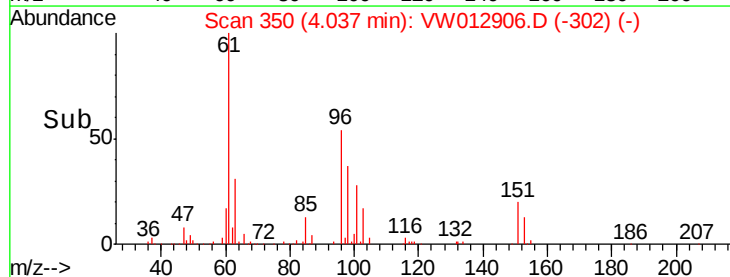
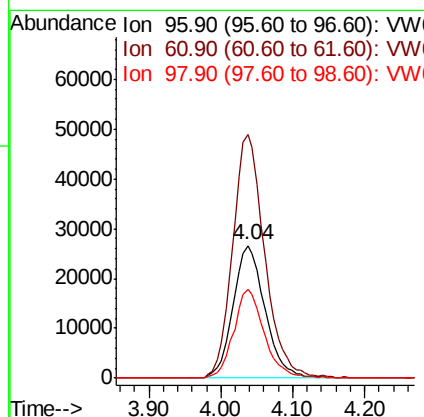
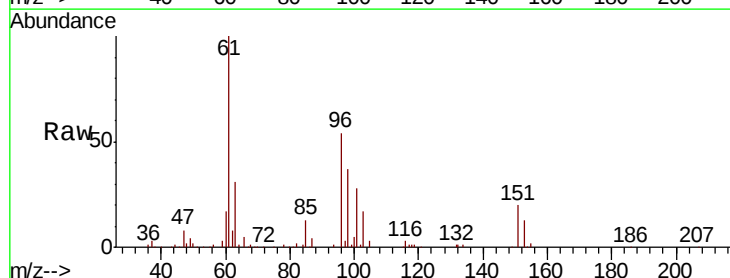
Tgt Ion: 59 Resp: 36301
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.4

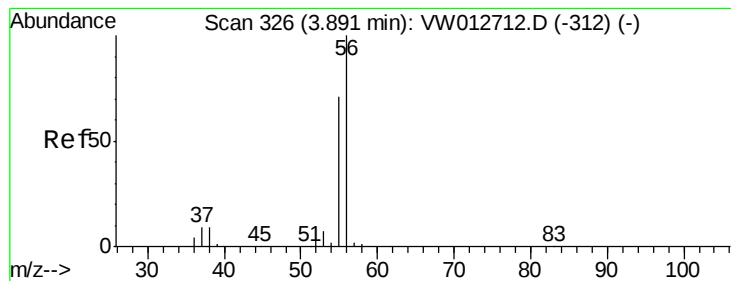


#12

1,1-Dichloroethene
 Concen: 51.587 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 96 Resp: 82143
 Ion Ratio Lower Upper
 96 100
 61 184.1 147.8 221.6
 98 67.3 47.9 71.9





#13

Acrolein

Concen: 177.526 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

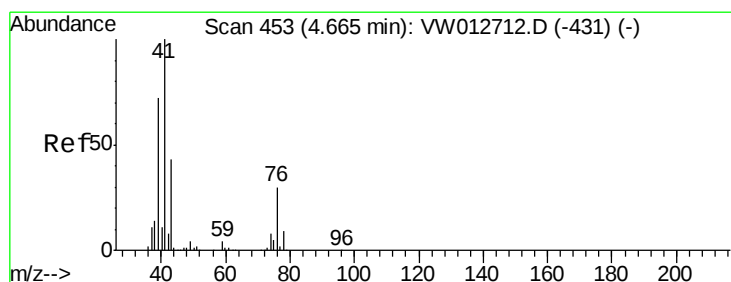
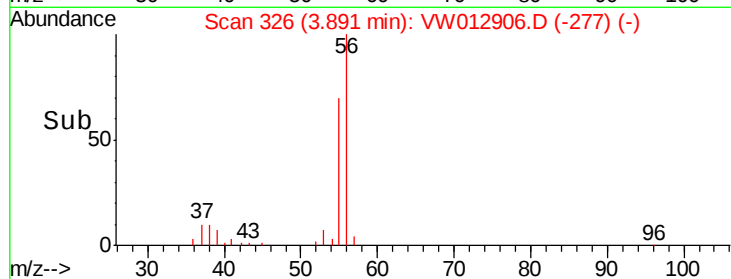
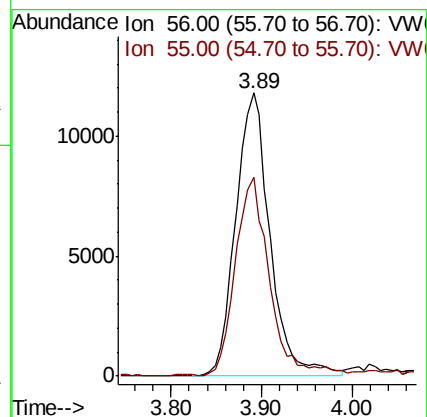
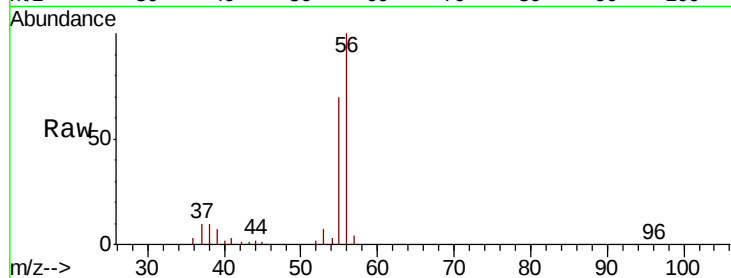
VSTDCCC050

Tgt Ion: 56 Resp: 31053

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 47.465 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

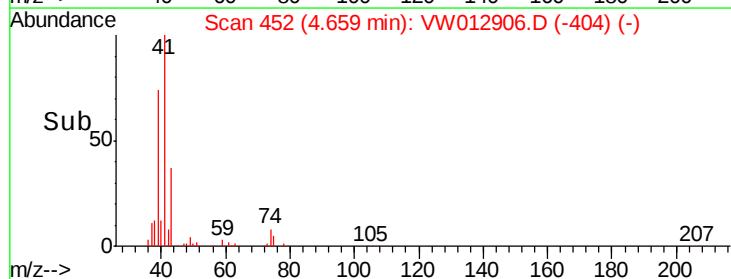
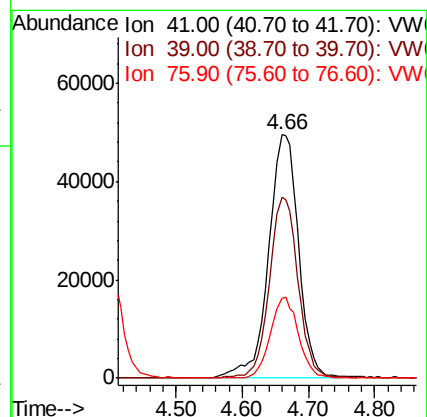
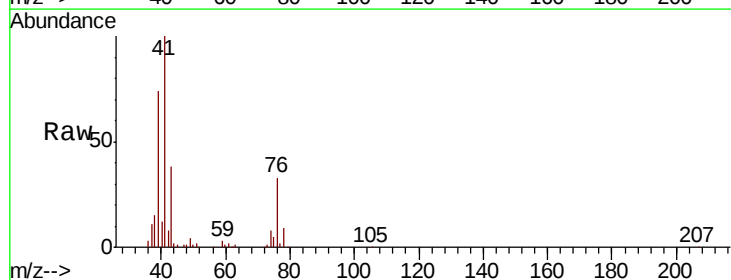
Tgt Ion: 41 Resp: 156349

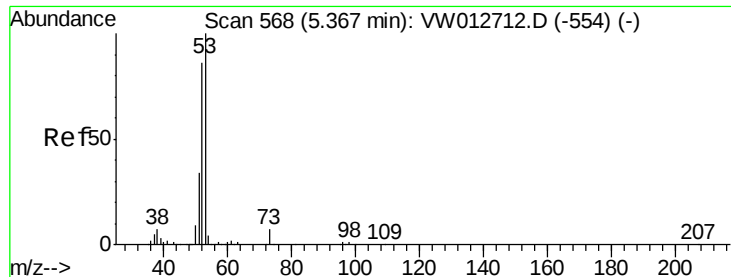
Ion Ratio Lower Upper

41 100

39 71.1 55.0 82.6

76 30.9 23.0 34.4





#15

Acrylonitrile

Concen: 228.452 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

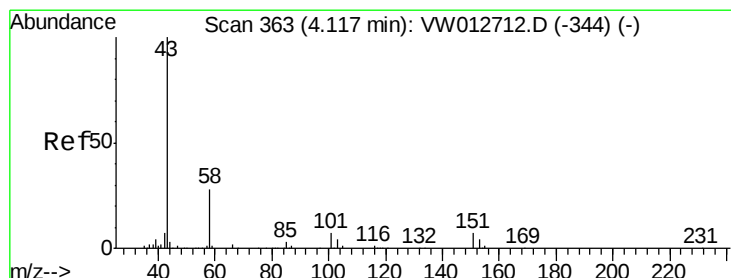
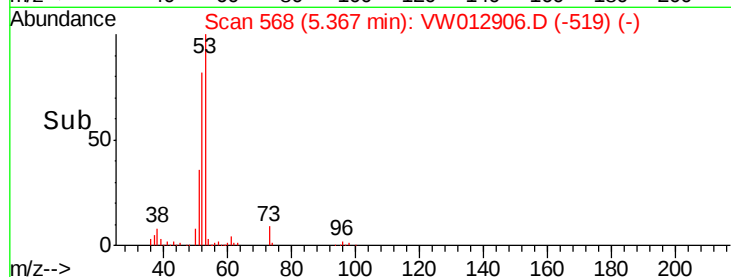
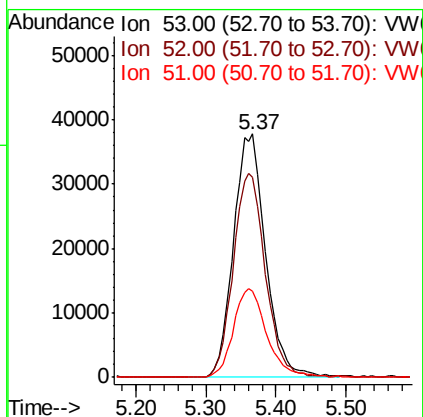
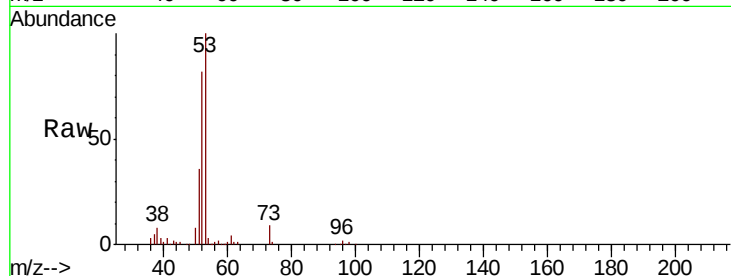
Tgt Ion: 53 Resp: 120545

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

51 37.9 29.8 44.8



#16

Acetone

Concen: 248.825 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012906.D

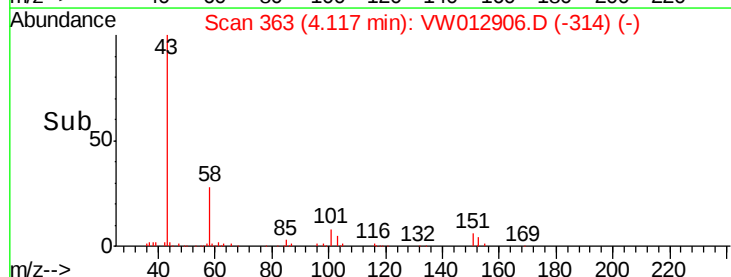
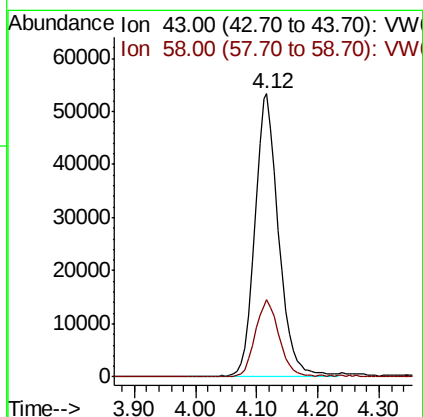
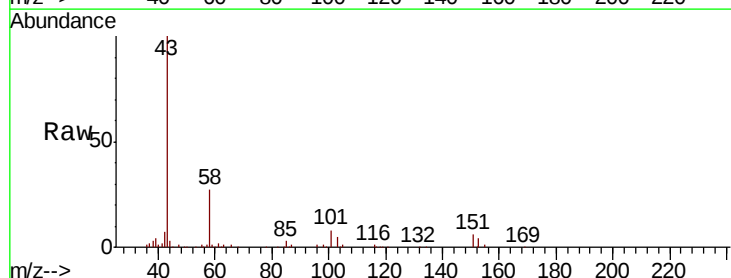
Acq: 11 Sep 2019 10:04

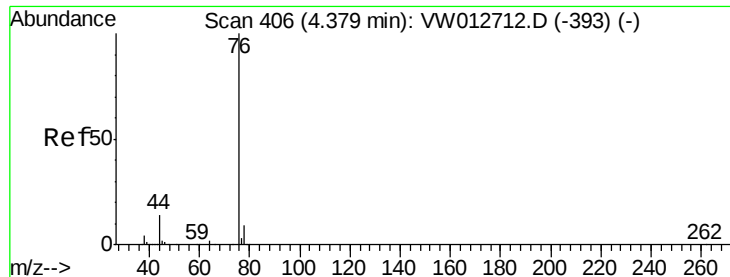
Tgt Ion: 43 Resp: 146144

Ion Ratio Lower Upper

43 100

58 27.2 22.6 33.8

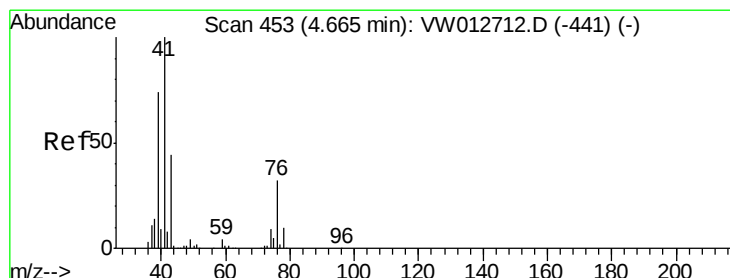
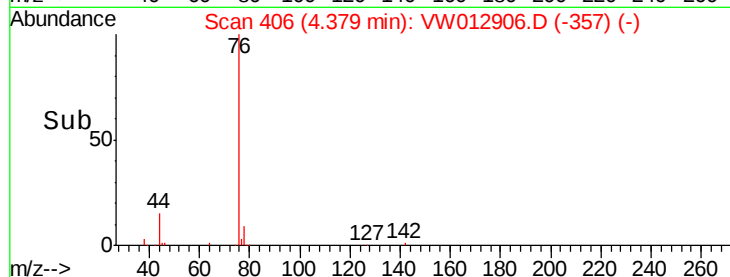
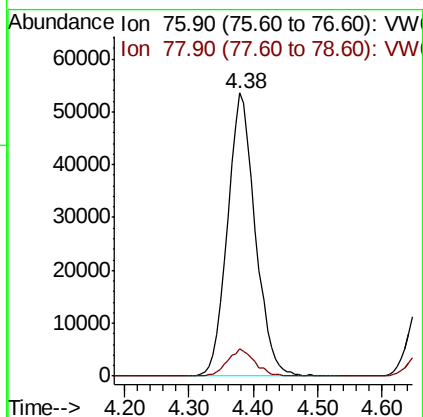
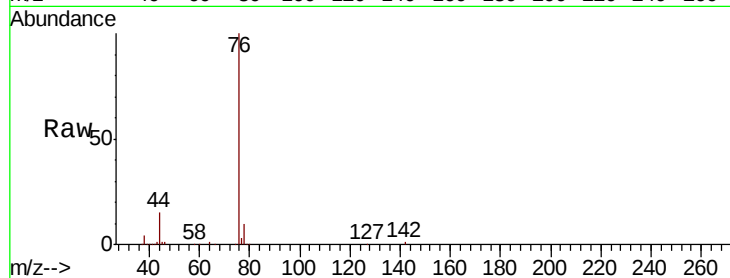




#17
Carbon Disulfide
Concen: 47.795 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

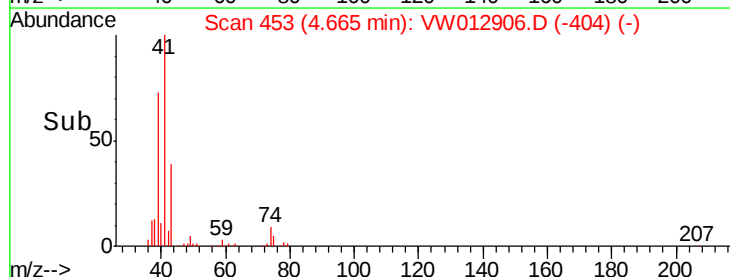
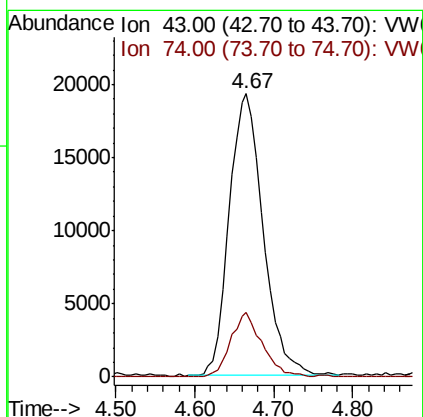
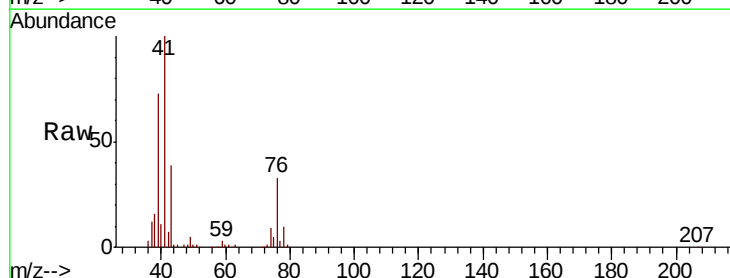
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

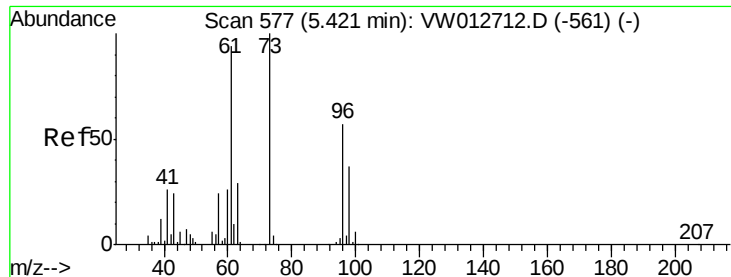
Tgt Ion: 76 Resp: 161546
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 41.740 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 43 Resp: 57517
Ion Ratio Lower Upper
43 100
74 21.4 15.8 23.6

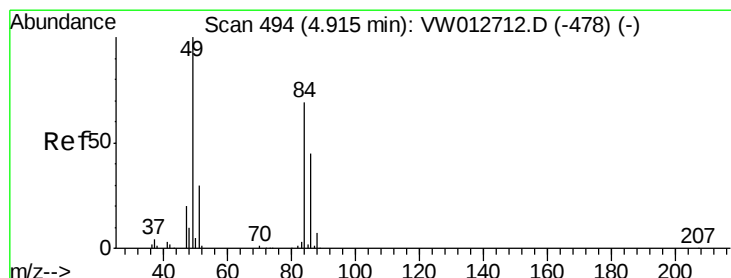
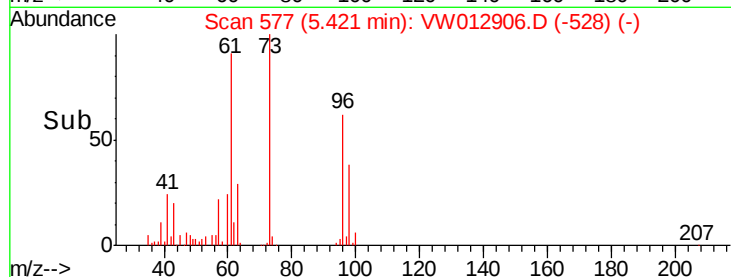
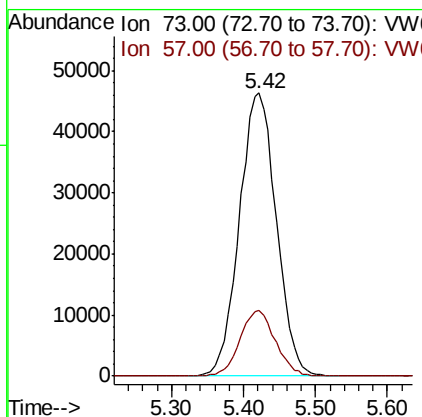
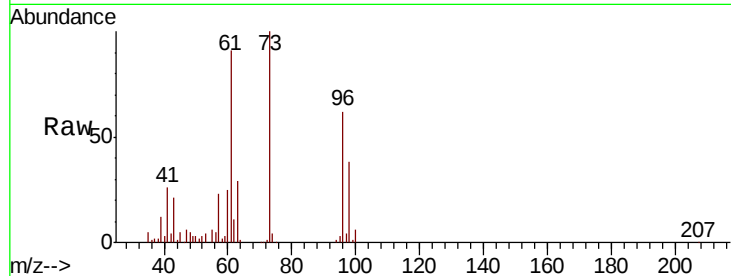




#19
Methyl tert-butyl Ether
Concen: 52.225 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

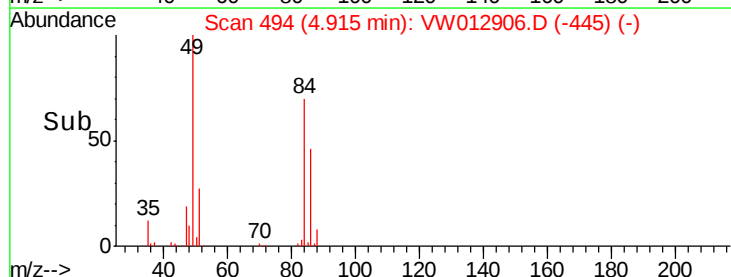
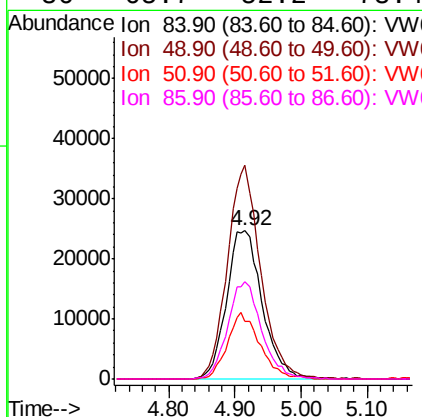
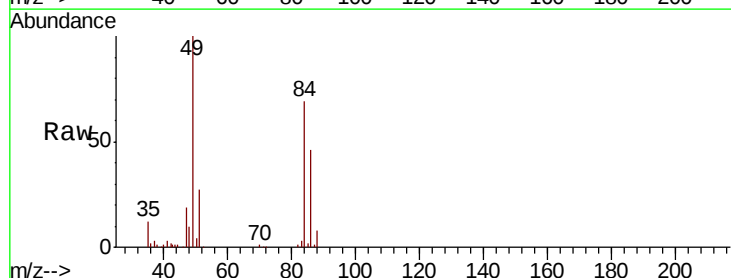
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

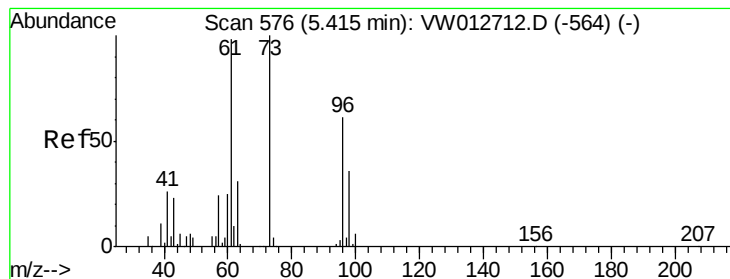
Tgt Ion: 73 Resp: 164922
Ion Ratio Lower Upper
73 100
57 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 50.219 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 84 Resp: 92278
Ion Ratio Lower Upper
84 100
49 144.2 115.4 173.0
51 39.2 34.9 52.3
86 65.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 52.202 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

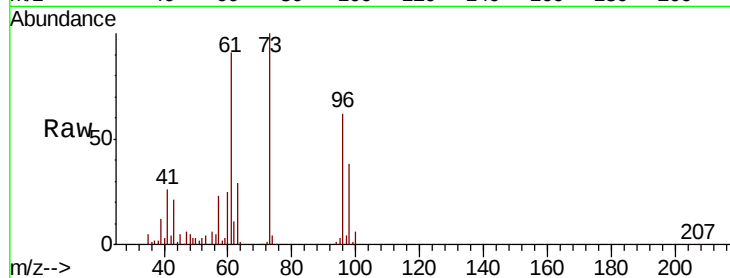
Tgt Ion: 96 Resp: 84815

Ion Ratio Lower Upper

96 100

61 147.5 129.2 193.8

98 60.6 48.0 72.0

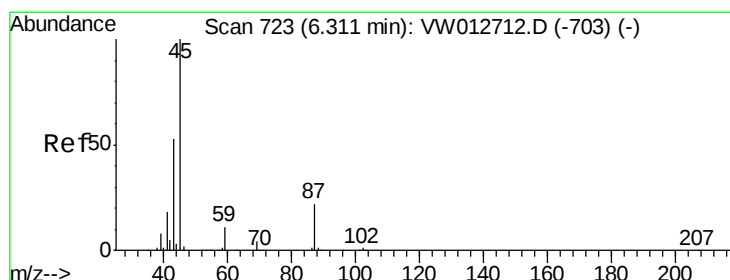
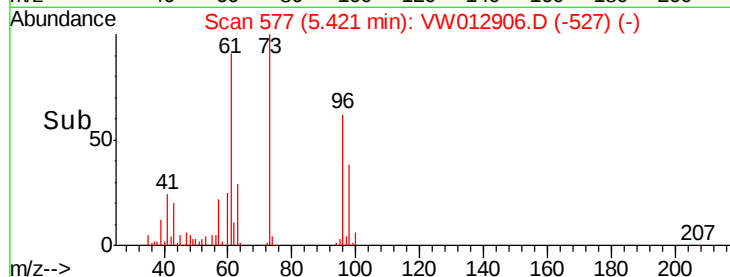
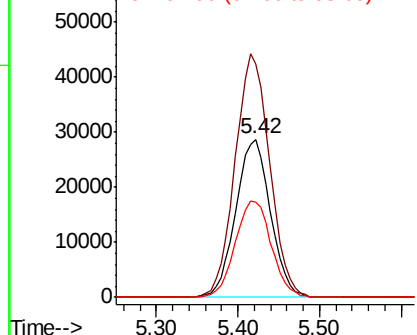


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.528 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Tgt Ion: 45 Resp: 323571

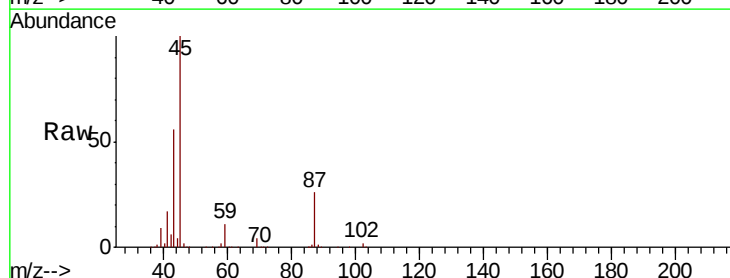
Ion Ratio Lower Upper

45 100

43 54.9 42.3 63.5

87 26.4 18.2 27.2

59 10.7 8.5 12.7



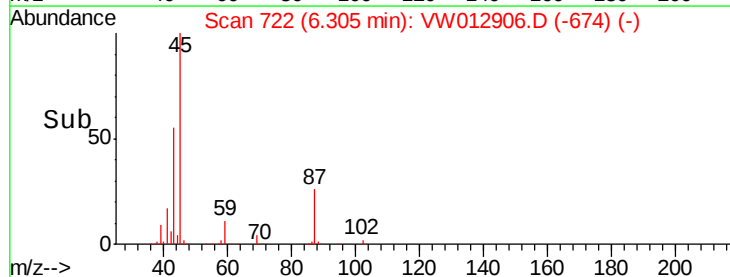
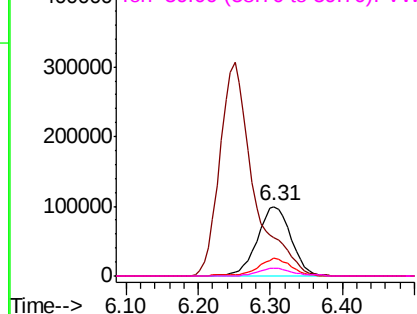
Abundance

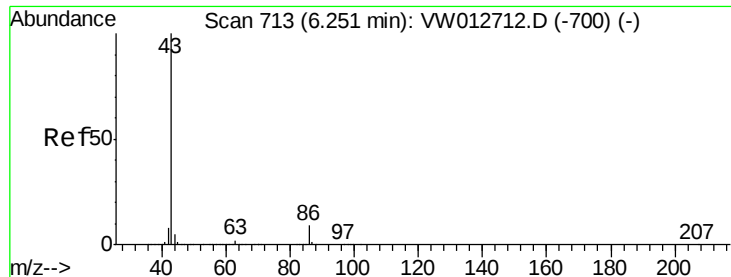
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 241.078 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

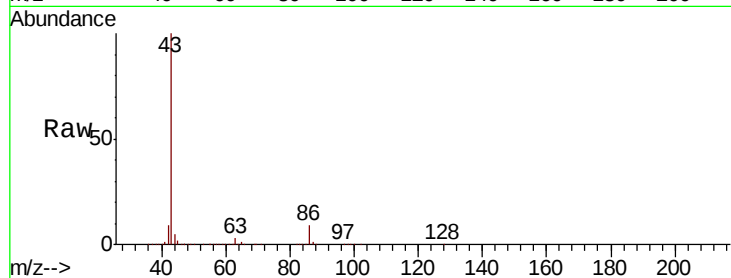
VSTDCCC050

Tgt Ion: 43 Resp: 998147

Ion Ratio Lower Upper

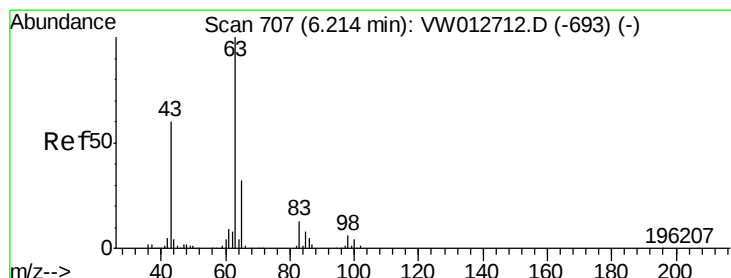
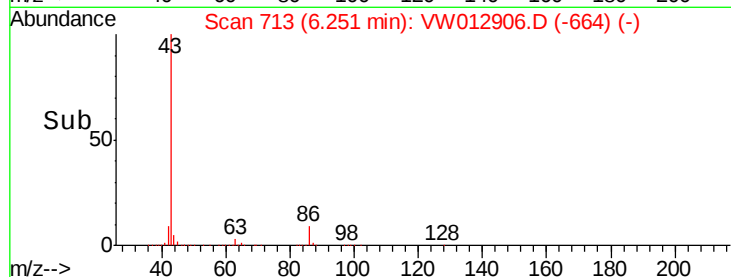
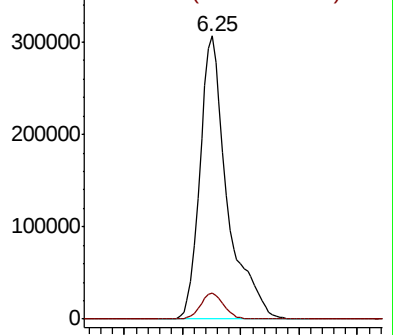
43 100

86 9.1 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.464 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

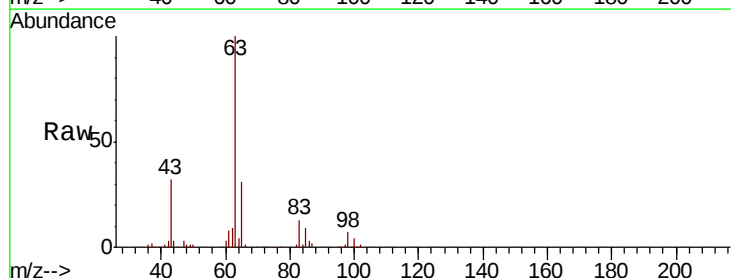
Tgt Ion: 63 Resp: 181034

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

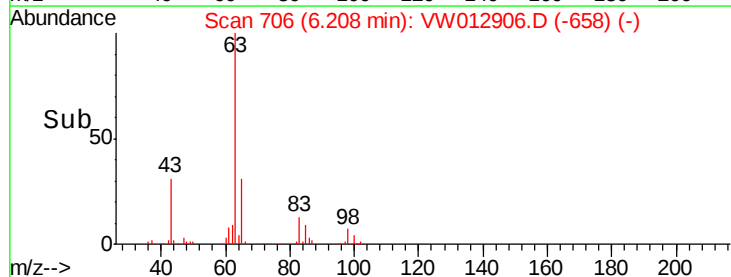
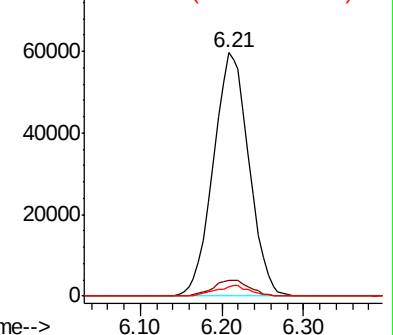
100 3.6 1.8 5.5

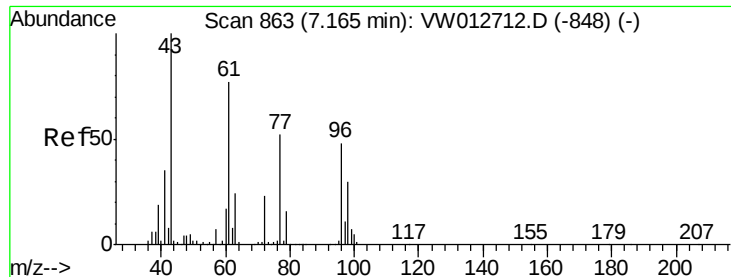


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 213.285 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

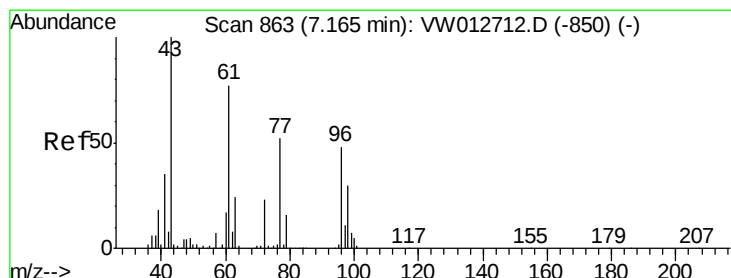
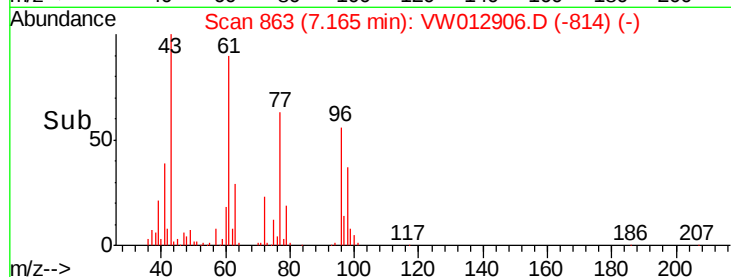
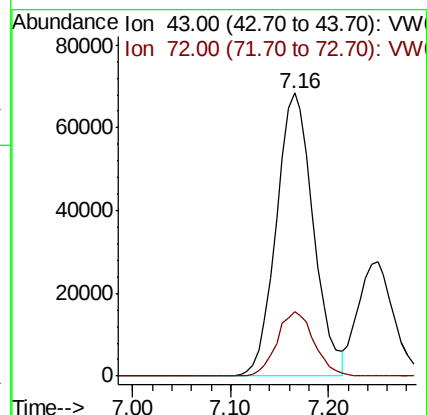
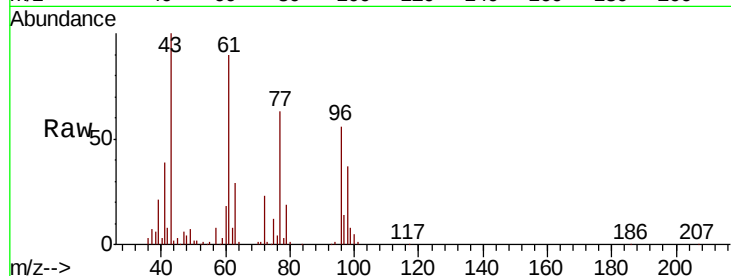
VSTDCCC050

Tgt Ion: 43 Resp: 181736

Ion Ratio Lower Upper

43 100

72 23.0 18.0 27.0



#26

2,2-Dichloropropane

Concen: 55.742 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012906.D

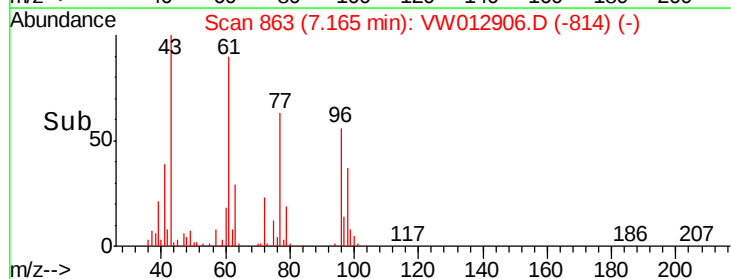
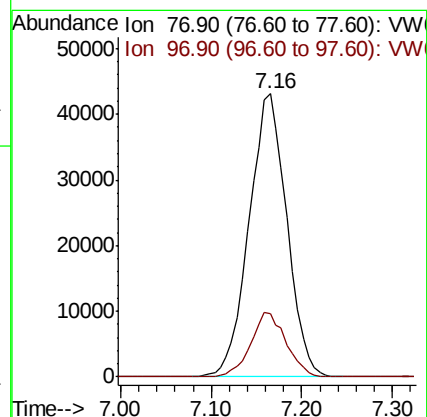
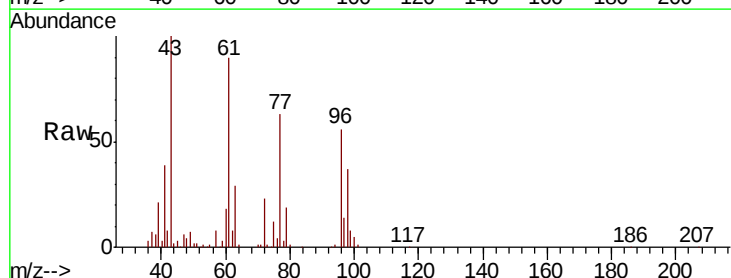
Acq: 11 Sep 2019 10:04

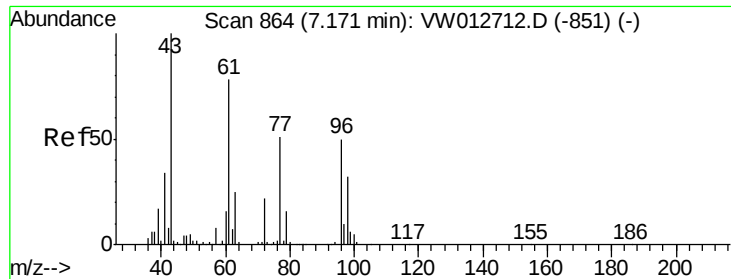
Tgt Ion: 77 Resp: 123845

Ion Ratio Lower Upper

77 100

97 21.3 10.7 32.1



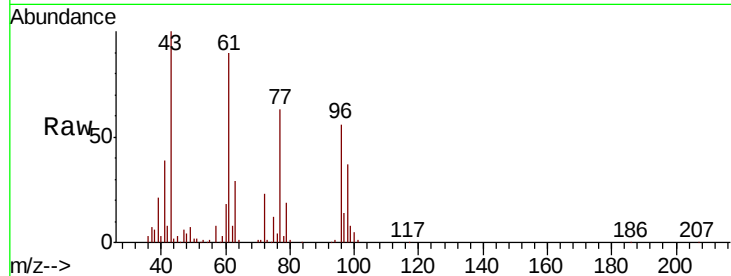


#27

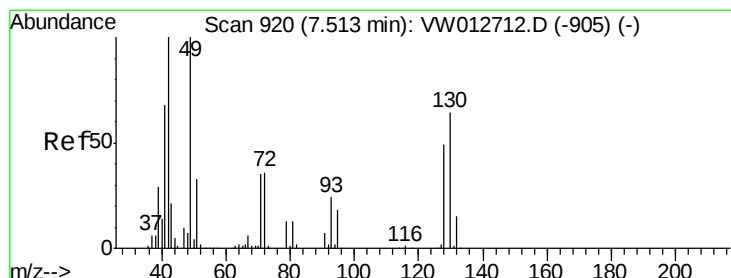
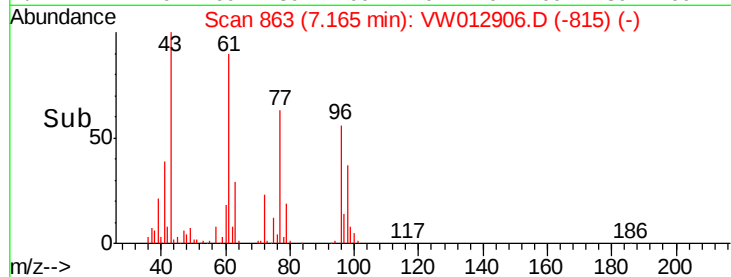
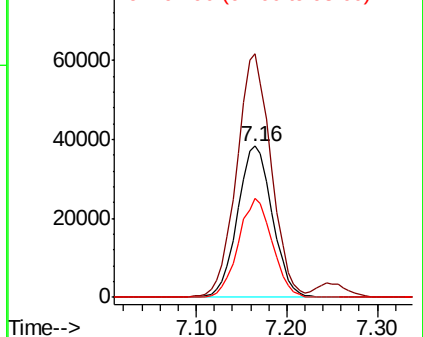
cis-1,2-Dichloroethene
 Concen: 53.840 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 101429
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 325.8
 98 64.0 0.0 127.0



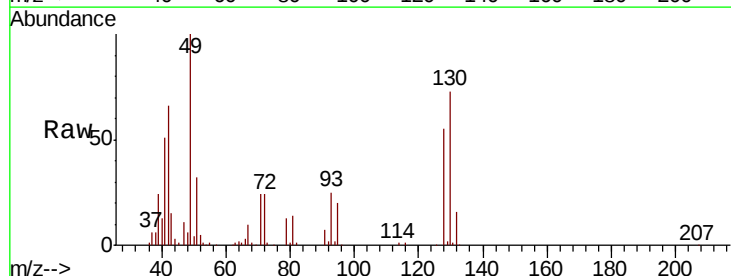
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



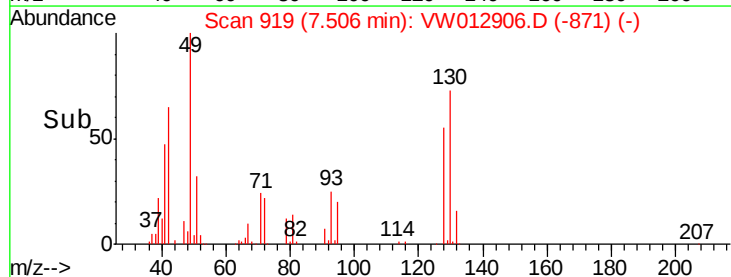
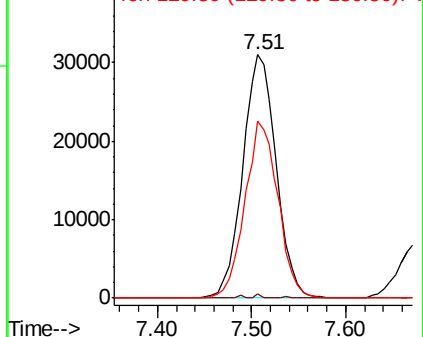
#28

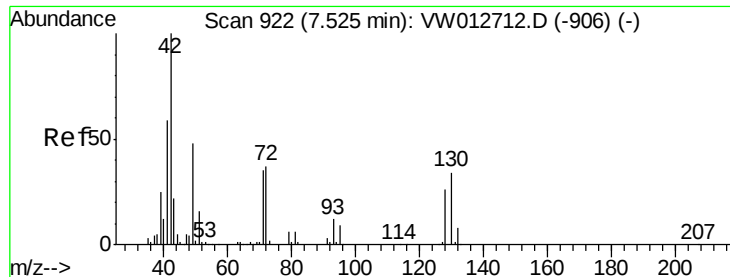
Bromochloromethane
 Concen: 47.662 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 49 Resp: 76986
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 0.8
 130 72.0 49.8 74.8



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

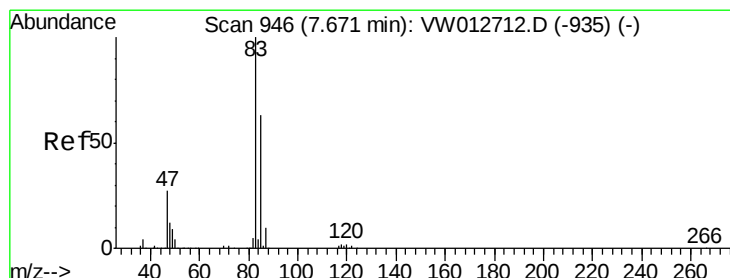
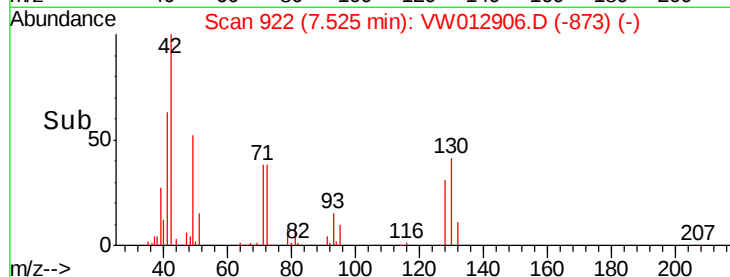
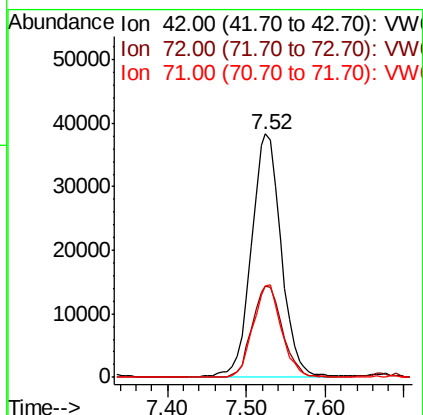
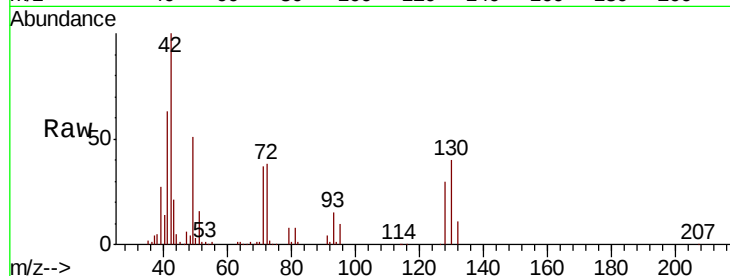




#29
Tetrahydrofuran
Concen: 212.519 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

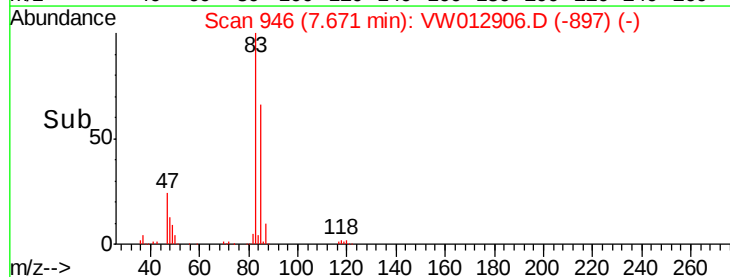
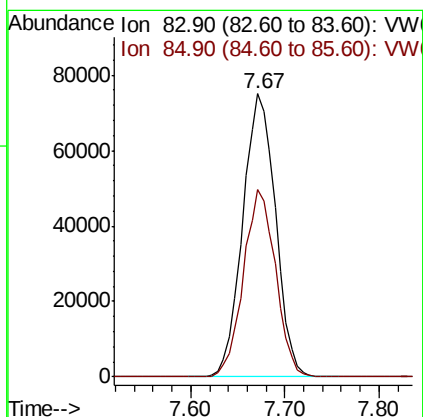
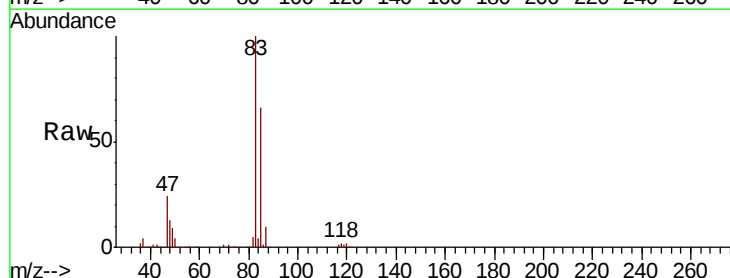
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

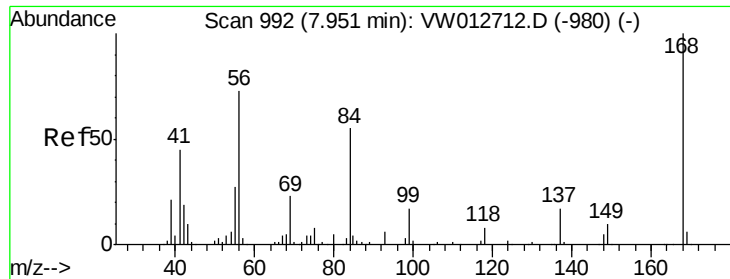
Tgt Ion: 42 Resp: 100797
Ion Ratio Lower Upper
42 100
72 38.1 28.4 42.6
71 36.2 27.1 40.7



#30
Chloroform
Concen: 52.181 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 83 Resp: 181915
Ion Ratio Lower Upper
83 100
85 66.2 50.6 76.0

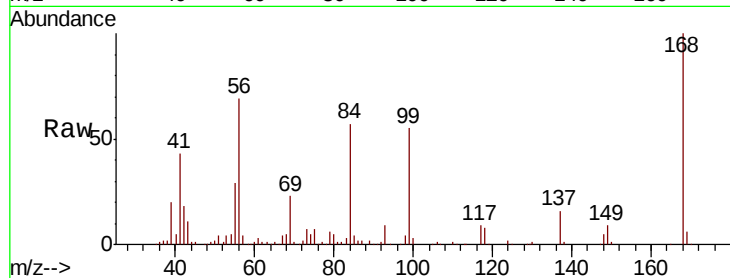




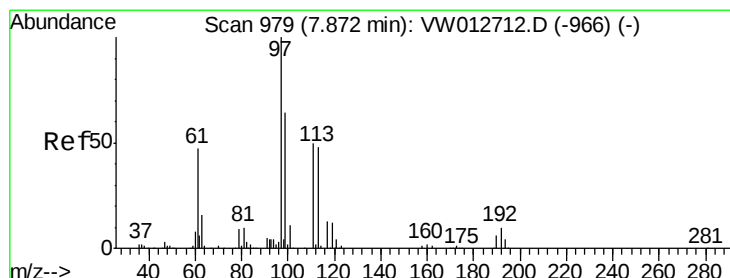
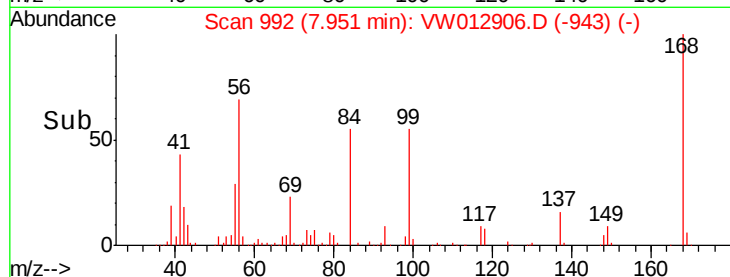
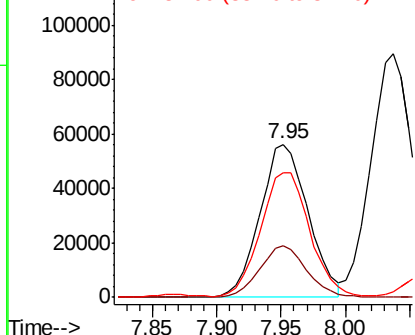
#31
Cyclohexane
Concen: 46.011 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 145712
Ion Ratio Lower Upper
56 100
69 33.5 25.7 38.5
84 80.5 60.4 90.6

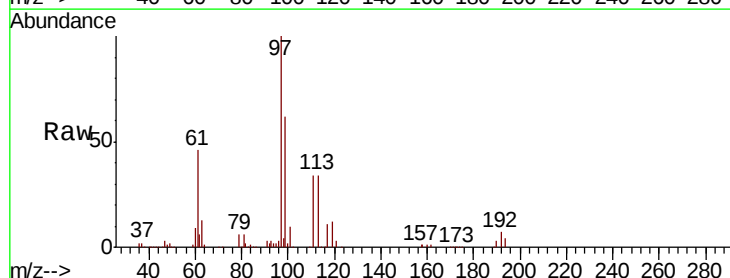


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

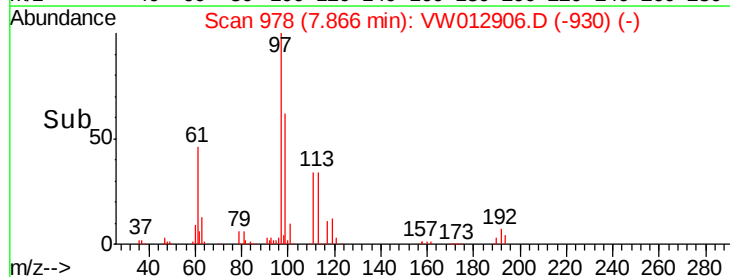
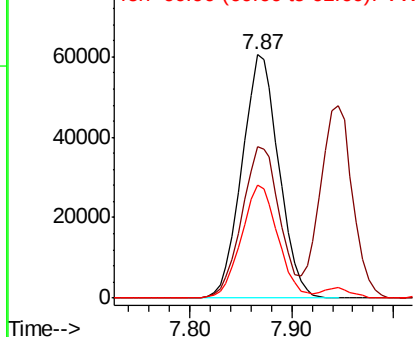


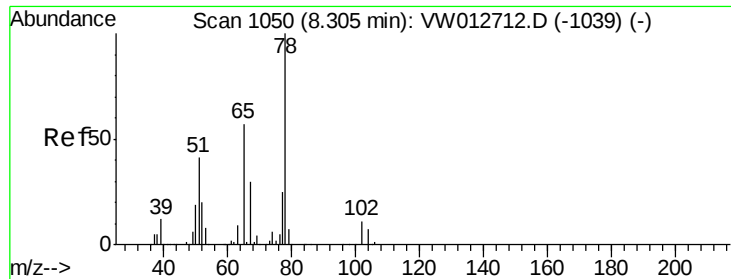
#32
1,1,1-Trichloroethane
Concen: 53.849 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 97 Resp: 152173
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 46.2 37.9 56.9



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

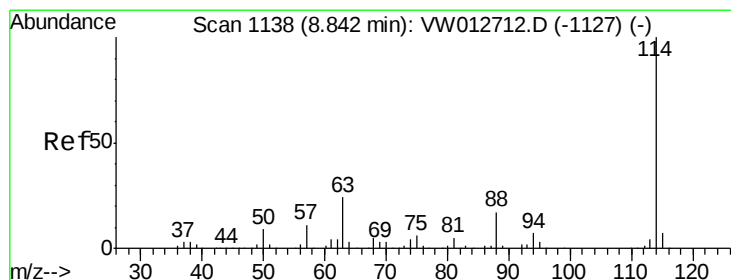
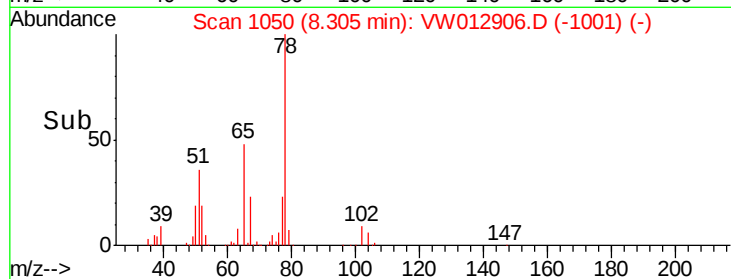
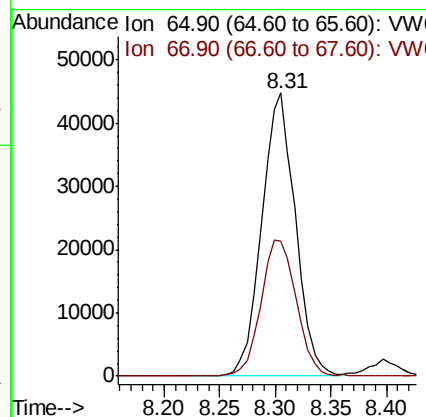
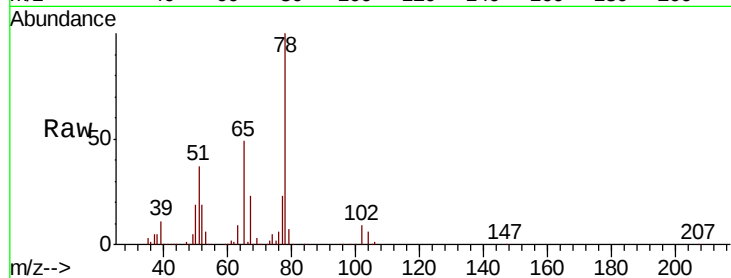




#33
 1,2-Dichloroethane-d4
 Concen: 43.770 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

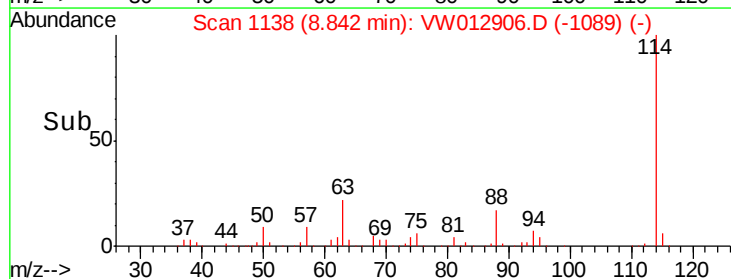
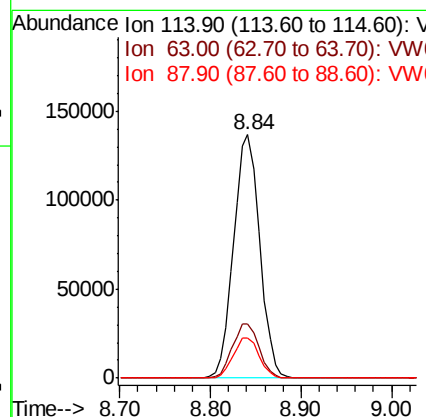
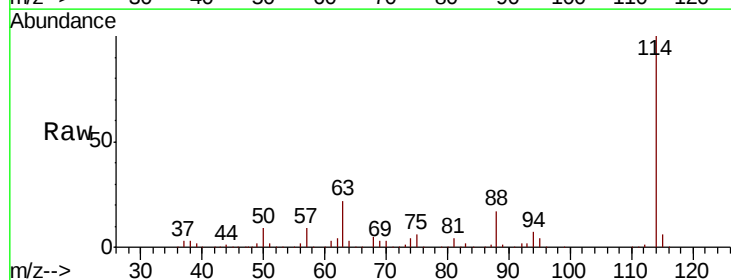
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 94298
 Ion Ratio Lower Upper
 65 100
 67 50.5 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: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 114 Resp: 273282
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.2
 88 16.5 0.0 34.0

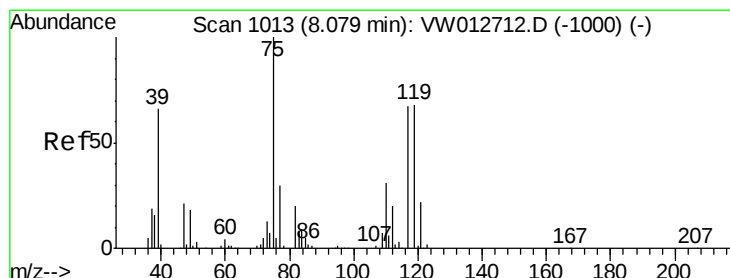
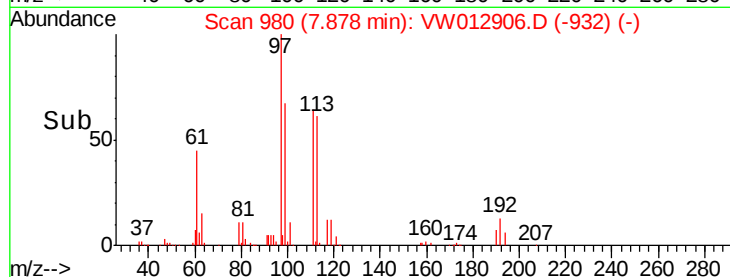
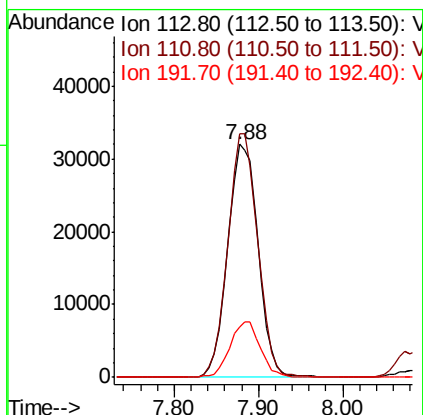
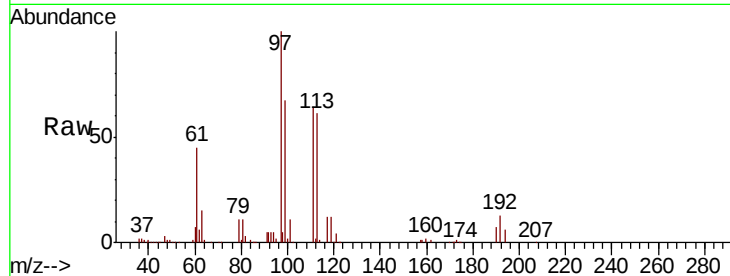




#35
 Dibromofluoromethane
 Concen: 48.239 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

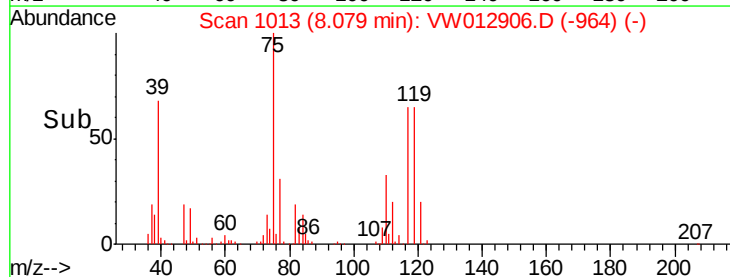
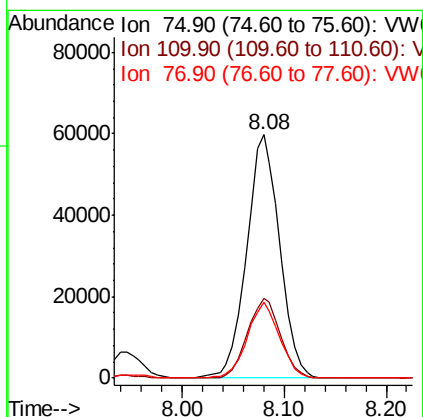
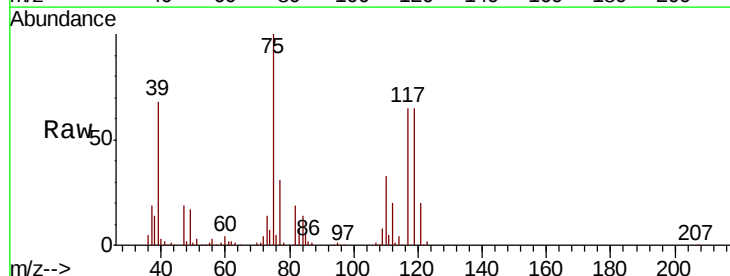
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

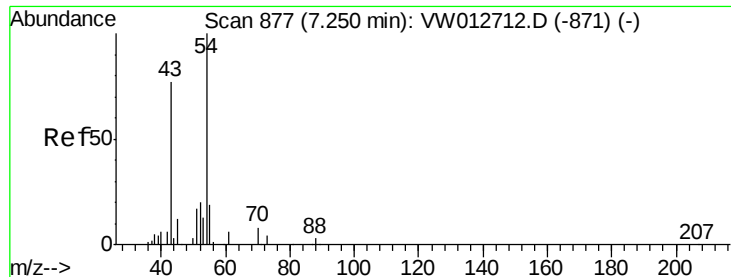
Tgt Ion: 113 Resp: 78376
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.2 120.4
 192 23.4 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 55.324 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 75 Resp: 134337
 Ion Ratio Lower Upper
 75 100
 110 32.6 15.9 47.7
 77 30.5 25.0 37.4

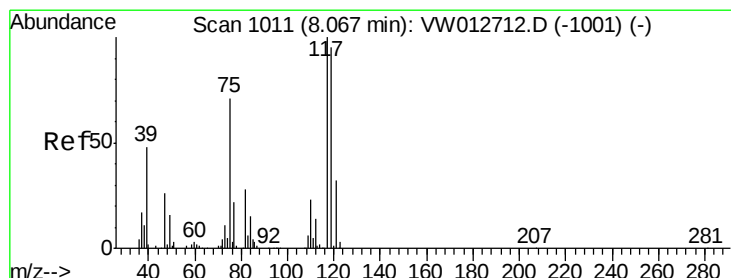
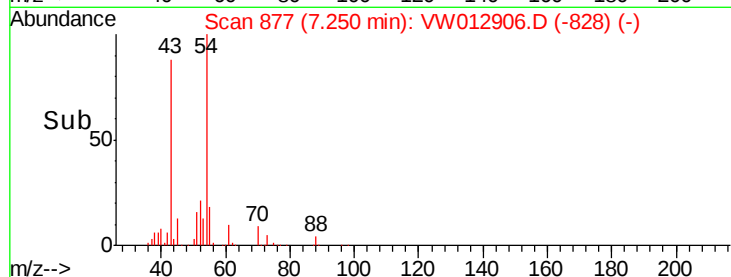
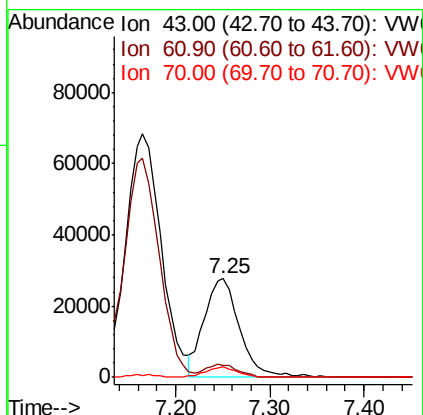
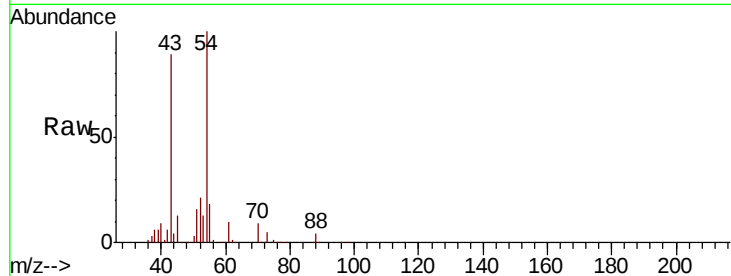




#37
Ethyl Acetate
Concen: 46.257 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

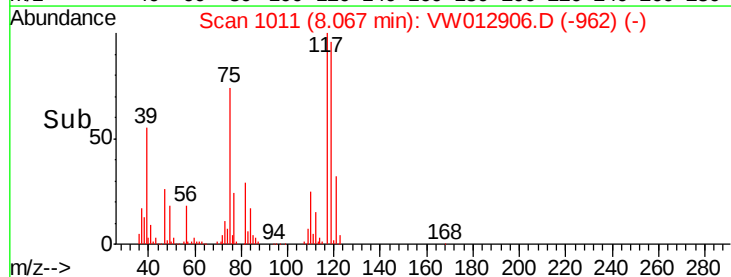
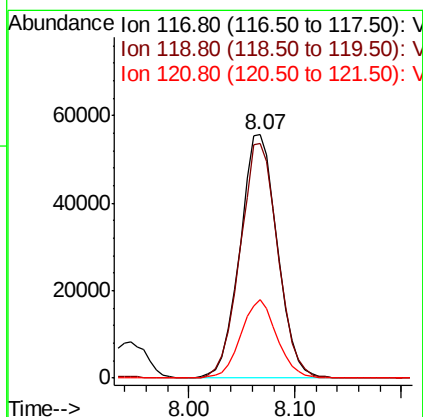
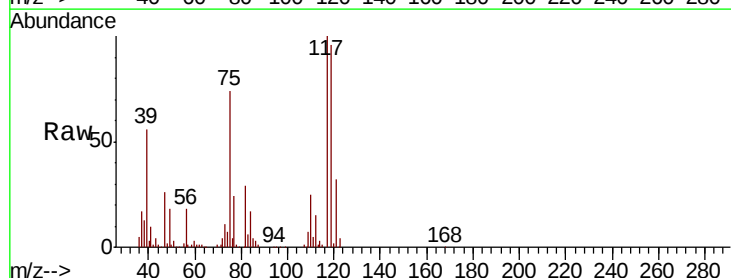
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

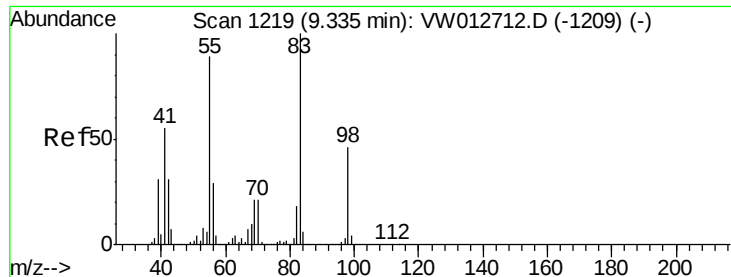
Tgt Ion: 43 Resp: 71601
Ion Ratio Lower Upper
43 100
61 12.4 9.5 14.3
70 9.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 57.387 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 117 Resp: 137361
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 32.2 25.4 38.2

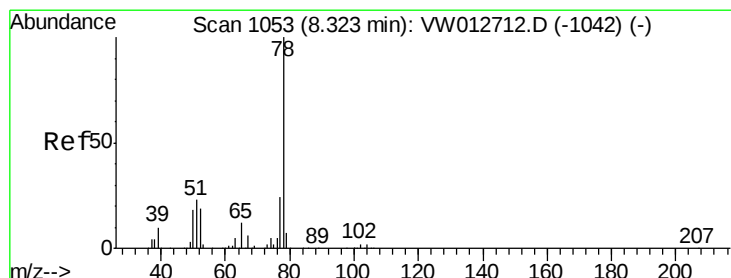
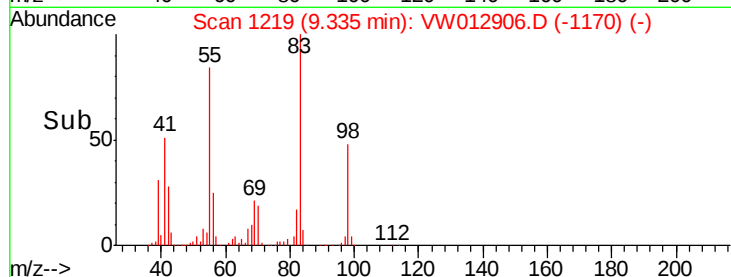
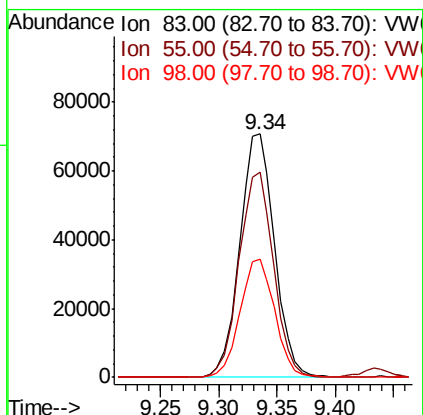
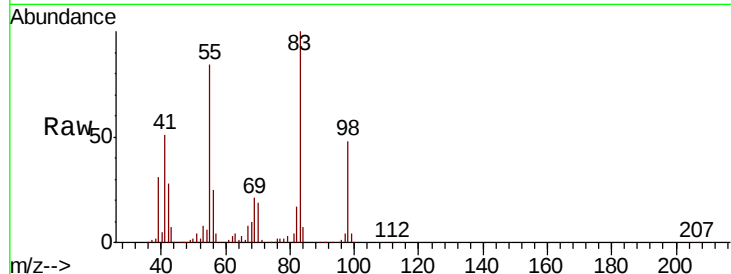




#39
Methylcyclohexane
Concen: 53.837 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

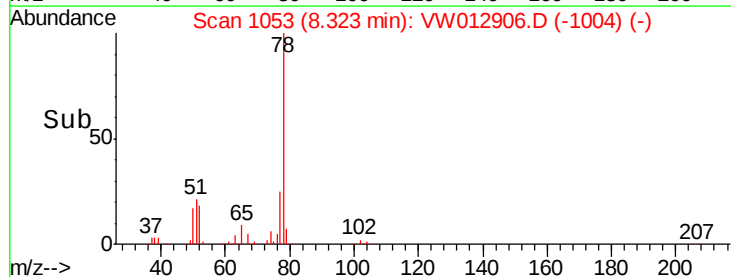
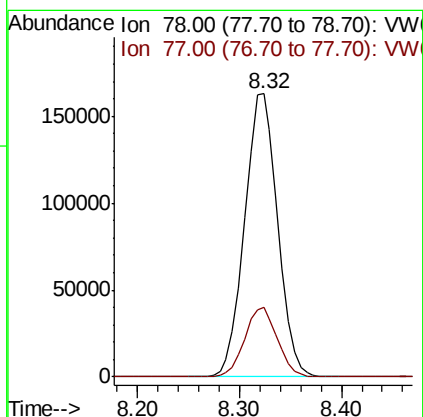
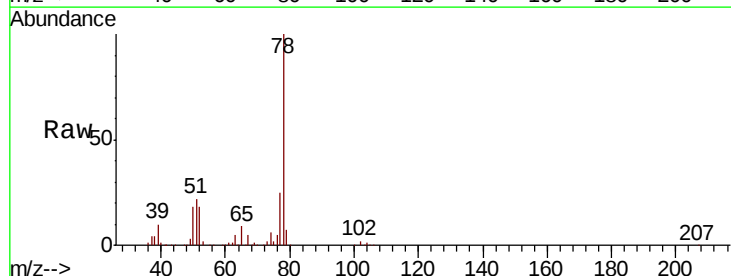
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

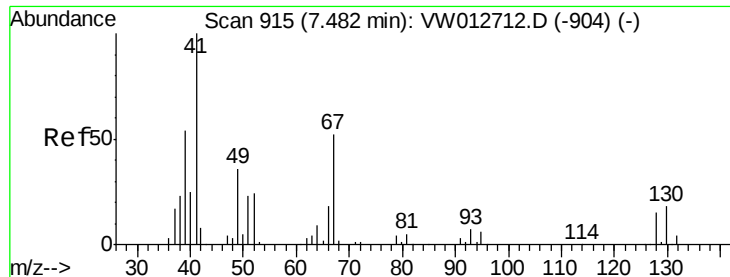
Tgt Ion: 83 Resp: 146823
Ion Ratio Lower Upper
83 100
55 84.1 71.0 106.4
98 48.4 36.9 55.3



#40
Benzene
Concen: 54.462 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 78 Resp: 366914
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9

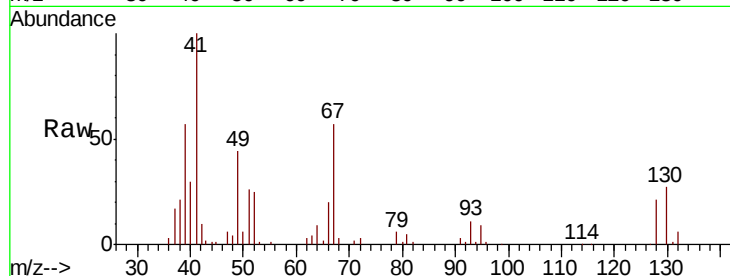




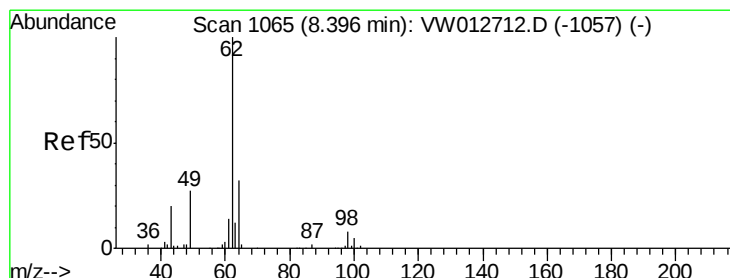
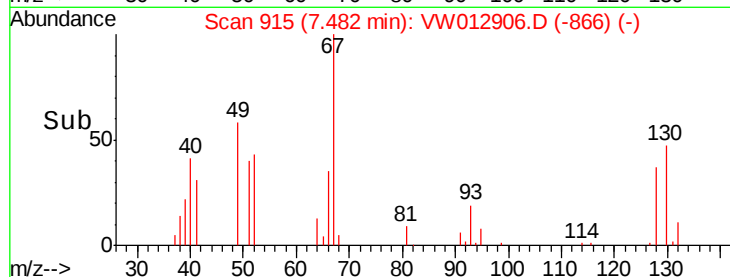
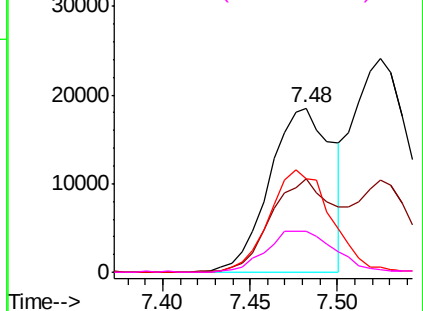
#41
Methacrylonitrile
Concen: 44.614 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	46472
Ion	Ratio	Lower	Upper
41	100		
39	54.8	47.5	71.3
67	61.5	45.1	67.7
52	27.8	20.2	30.2

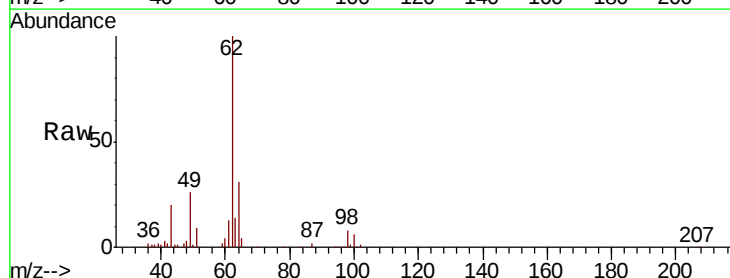


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

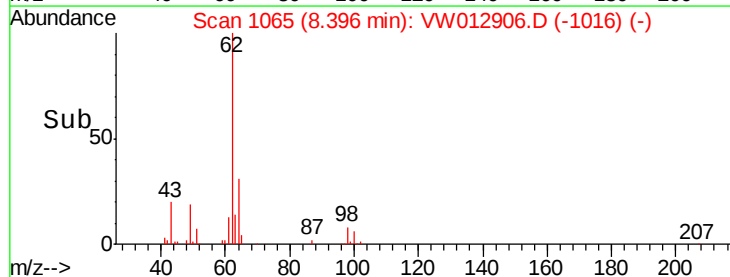
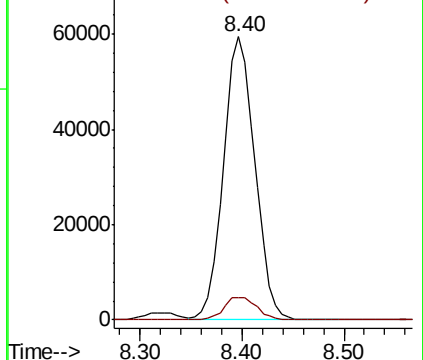


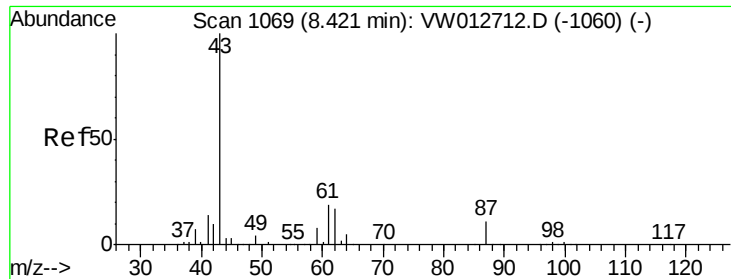
#42
1,2-Dichloroethane
Concen: 53.407 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion:	62	Resp:	126628
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 48.133 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

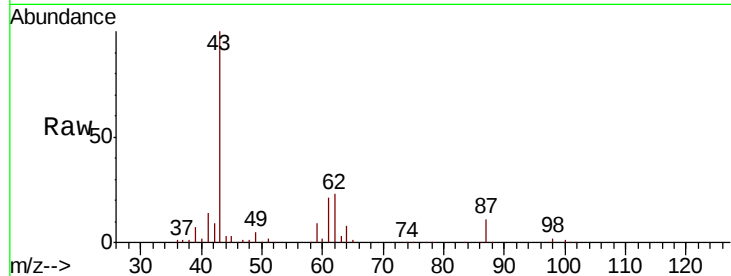
Tgt Ion: 43 Resp: 141154

Ion Ratio Lower Upper

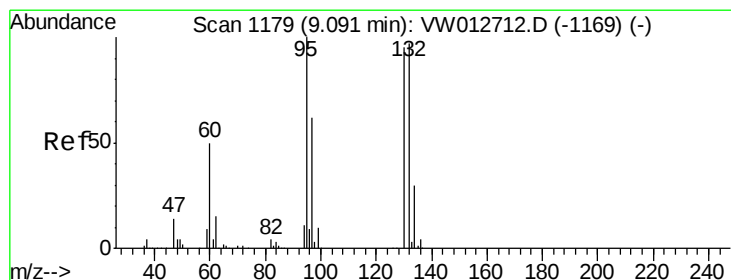
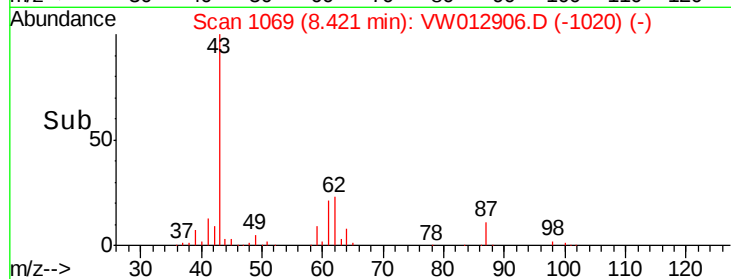
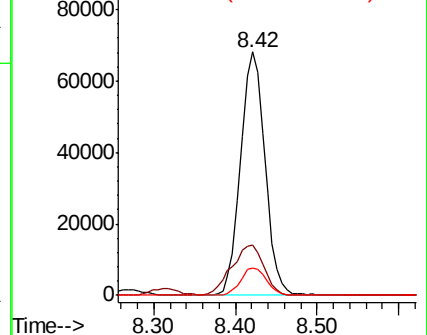
43 100

61 27.2 20.6 30.8

87 11.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 57.568 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012906.D

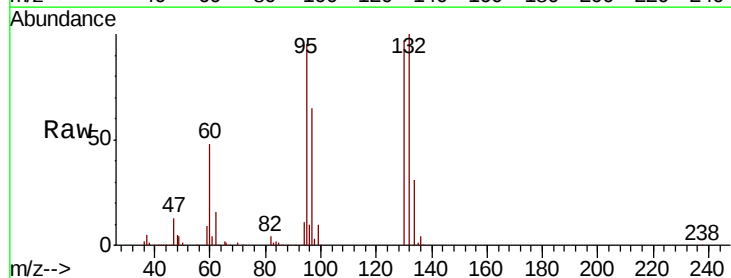
Acq: 11 Sep 2019 10:04

Tgt Ion: 130 Resp: 99972

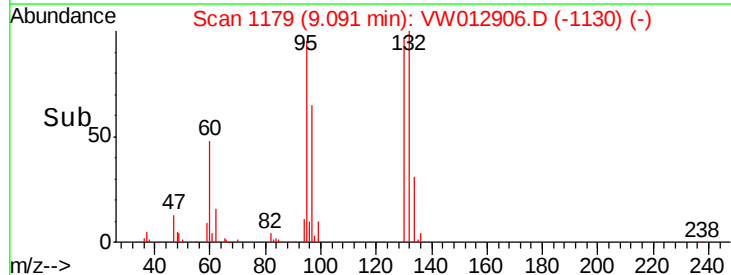
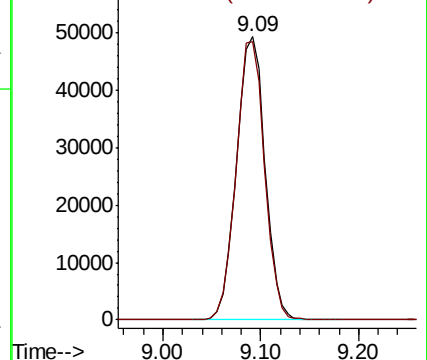
Ion Ratio Lower Upper

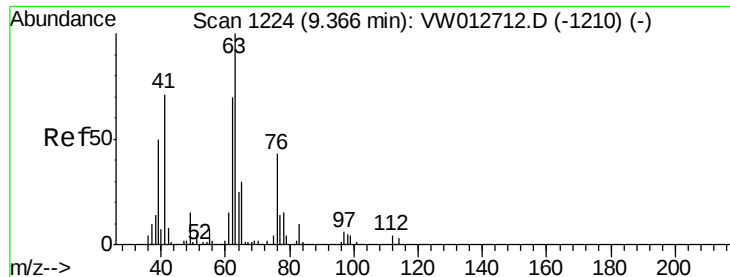
130 100

95 98.3 0.0 210.6



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





#45

1,2-Dichloropropane

Concen: 52.397 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

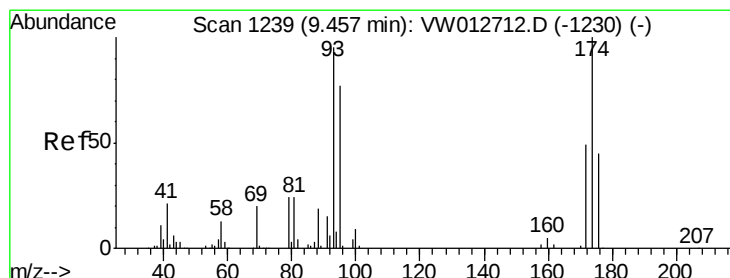
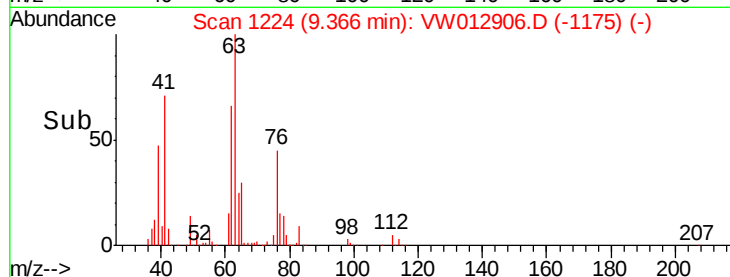
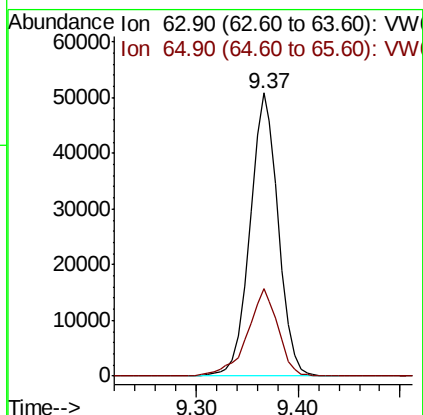
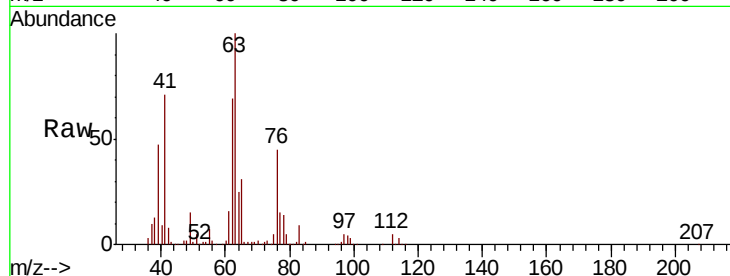
VSTDCCC050

Tgt Ion: 63 Resp: 97905

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.8



#46

Dibromomethane

Concen: 54.063 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

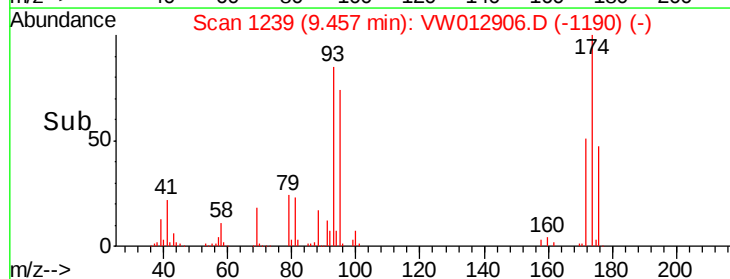
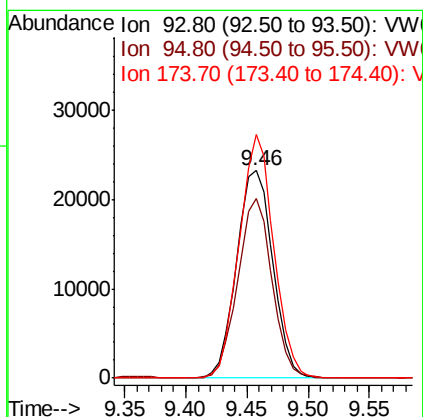
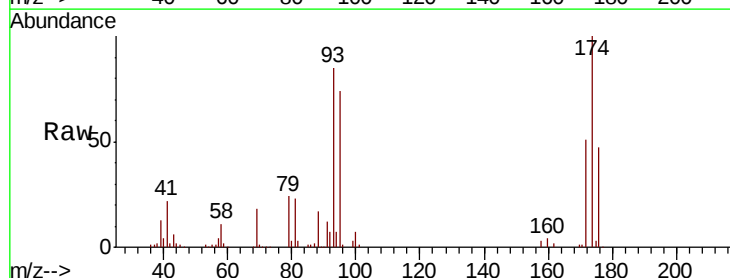
Tgt Ion: 93 Resp: 47836

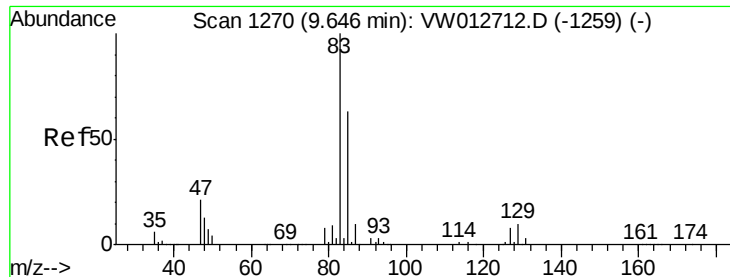
Ion Ratio Lower Upper

93 100

95 81.6 65.2 97.8

174 112.0 84.2 126.4





#47

Bromodichloromethane

Concen: 56.158 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

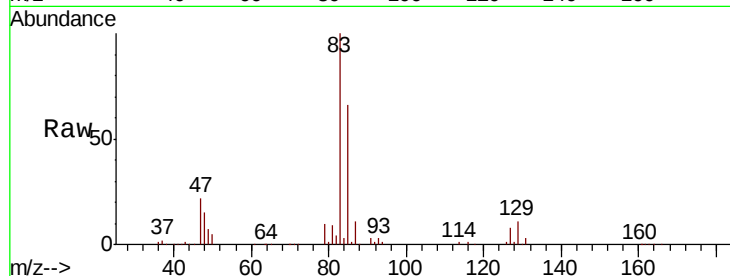
Tgt Ion: 83 Resp: 136708

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.2

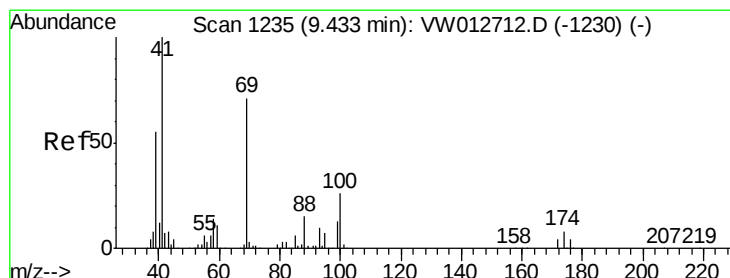
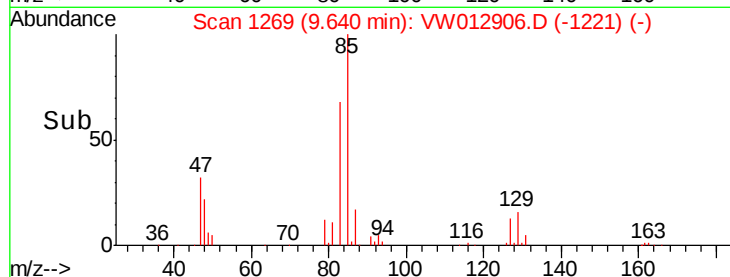
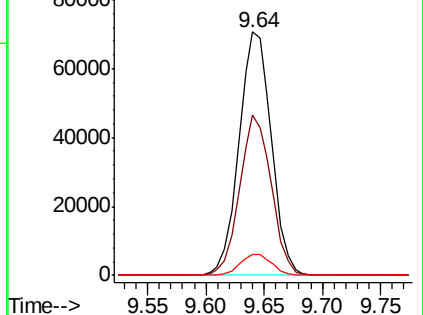
127 8.4 6.6 9.8



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: 48.180 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

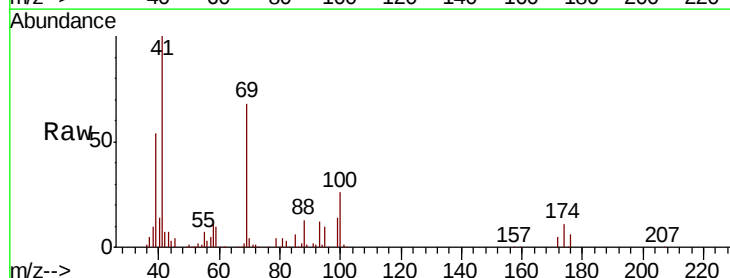
Tgt Ion: 41 Resp: 67523

Ion Ratio Lower Upper

41 100

69 75.0 59.8 89.8

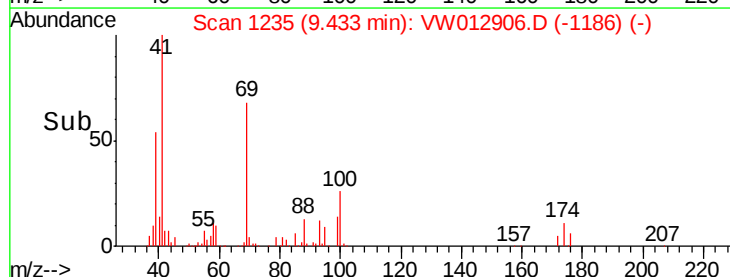
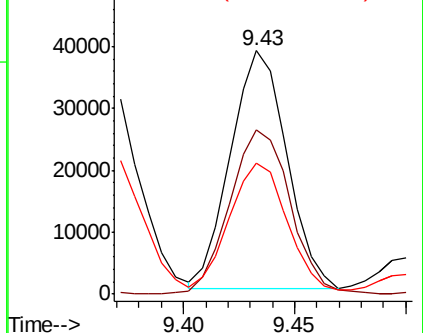
39 57.5 47.0 70.6

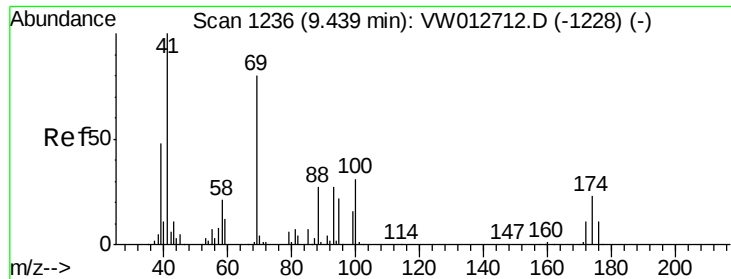


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

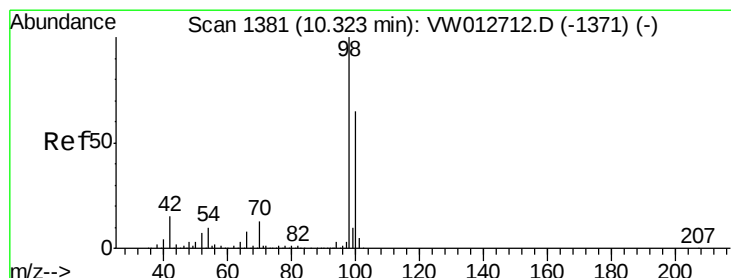
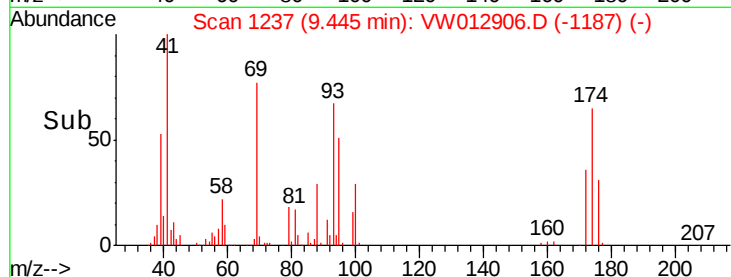
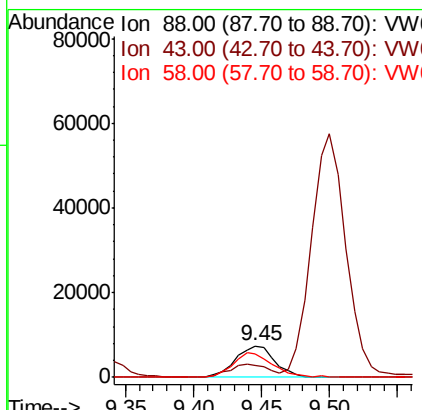
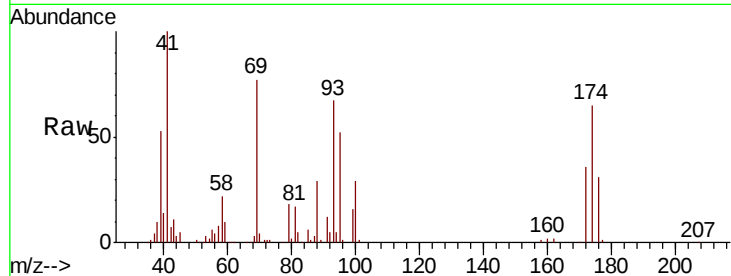




#49
1,4-Dioxane
Concen: 853.483 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

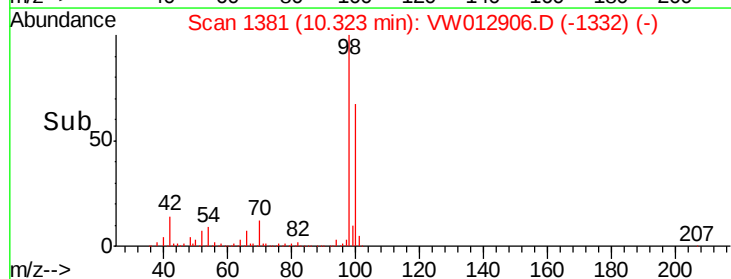
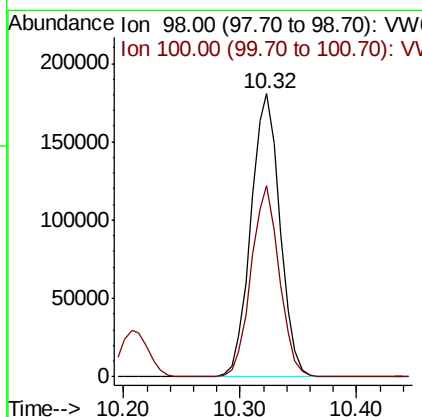
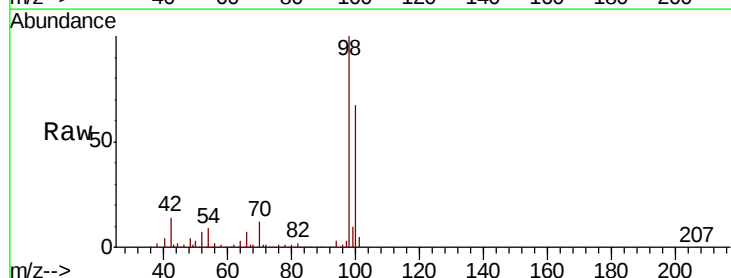
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

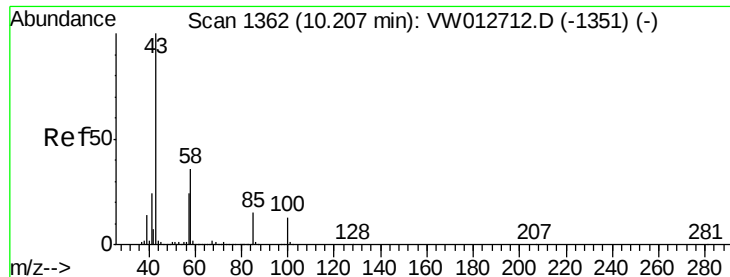
Tgt Ion: 88 Resp: 14917
Ion Ratio Lower Upper
88 100
43 41.6 34.8 52.2
58 83.2 64.1 96.1



#50
Toluene-d8
Concen: 49.429 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 98 Resp: 314631
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

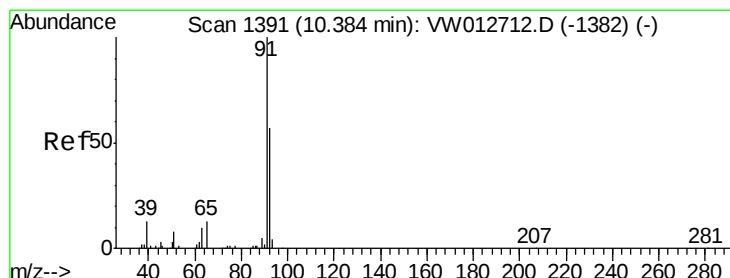
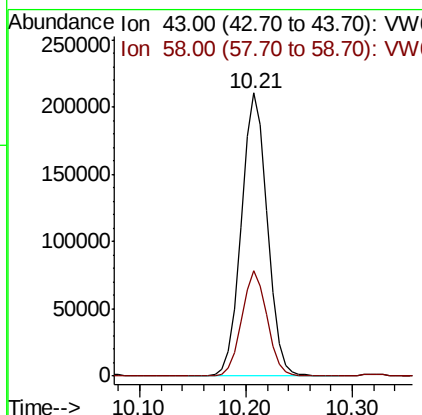
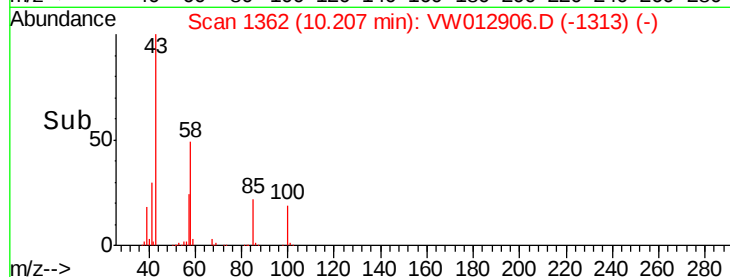
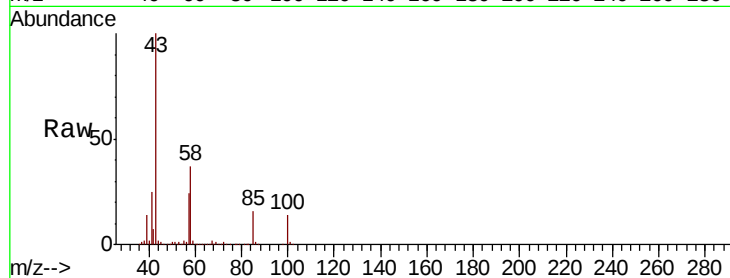




#51
 4-Methyl-2-Pentanone
 Concen: 234.717 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

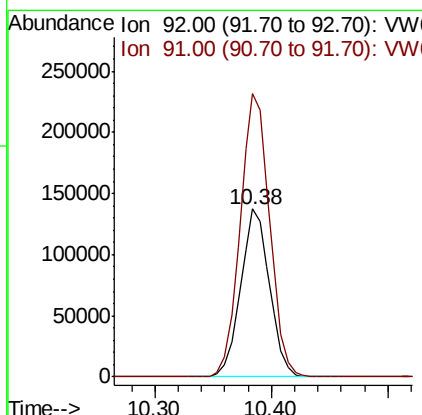
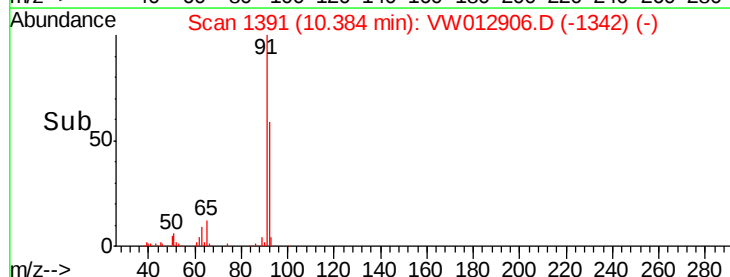
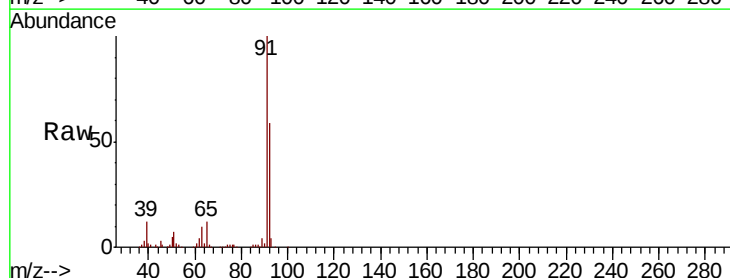
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

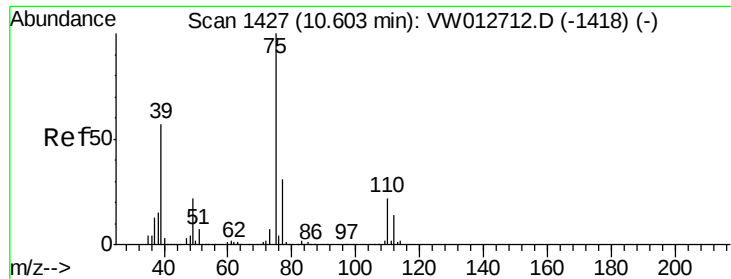
Tgt Ion: 43 Resp: 361186
 Ion Ratio Lower Upper
 43 100
 58 36.4 28.4 42.6



#52
 Toluene
 Concen: 56.301 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 92 Resp: 236736
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 54.638 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

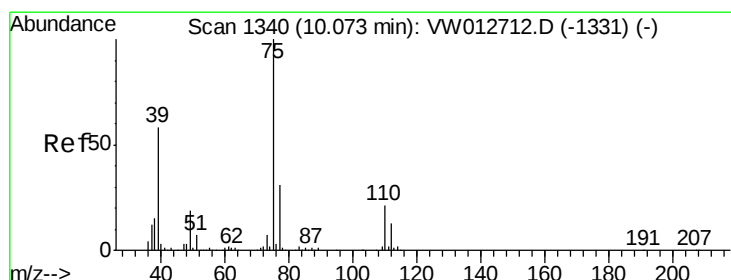
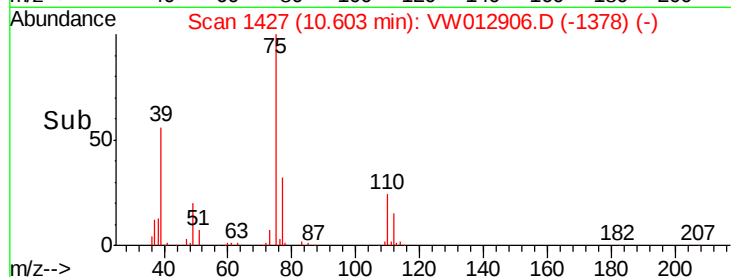
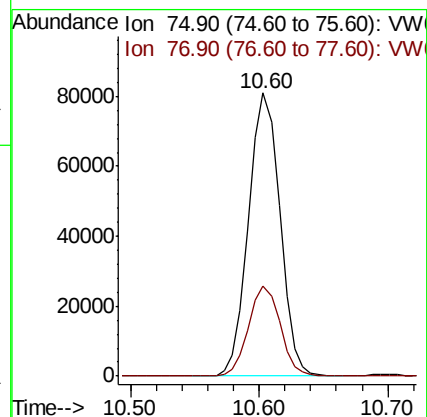
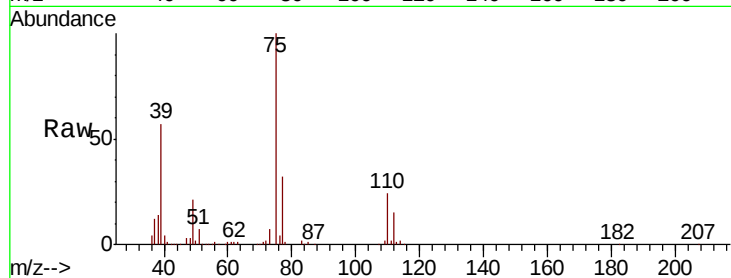
VSTDCCC050

Tgt Ion: 75 Resp: 136769

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 55.760 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

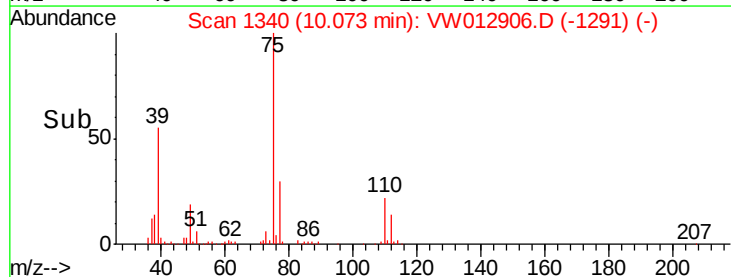
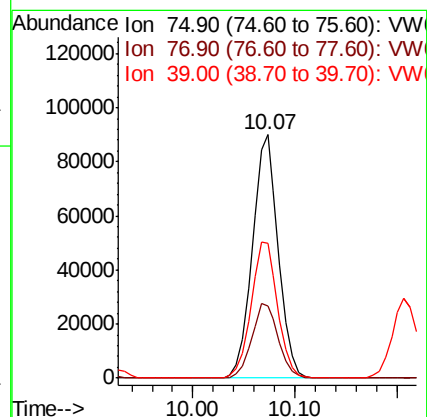
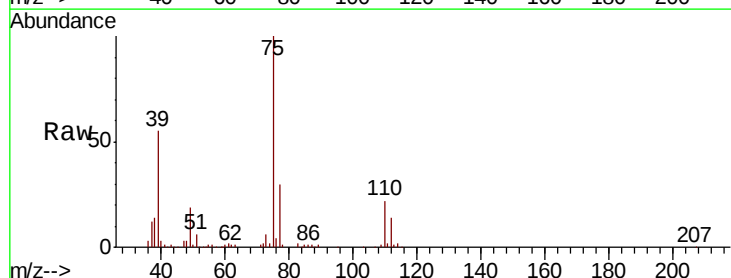
Tgt Ion: 75 Resp: 158340

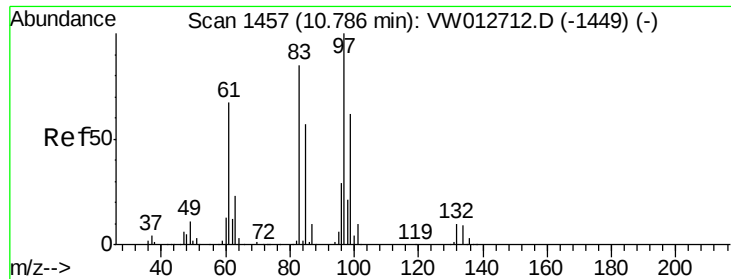
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

39 55.2 46.3 69.5



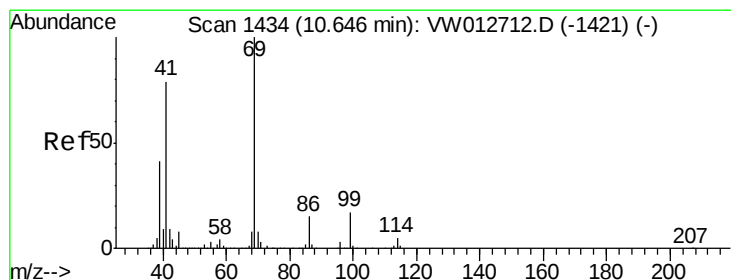
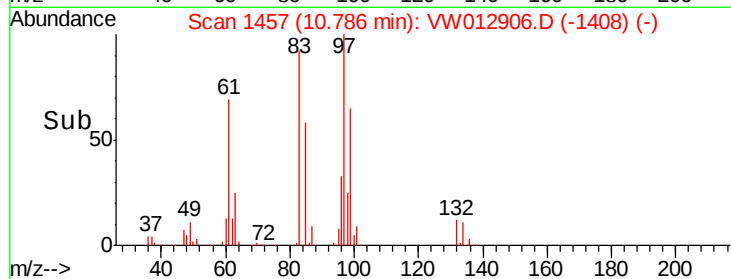
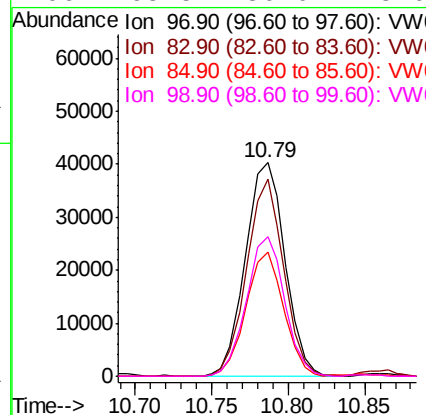
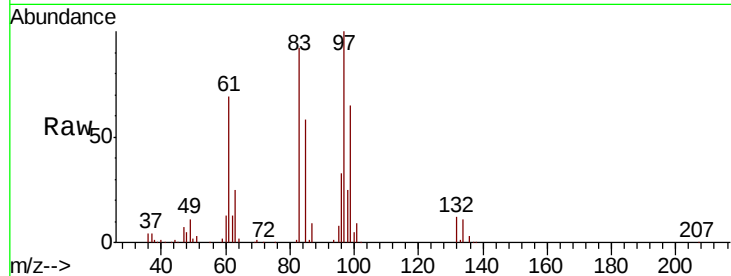


#55
 1,1,2-Trichloroethane
 Concen: 54.849 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 72658

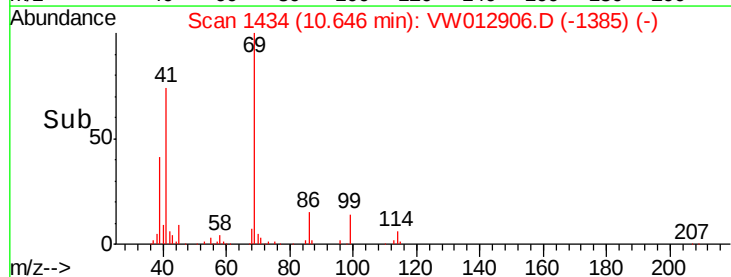
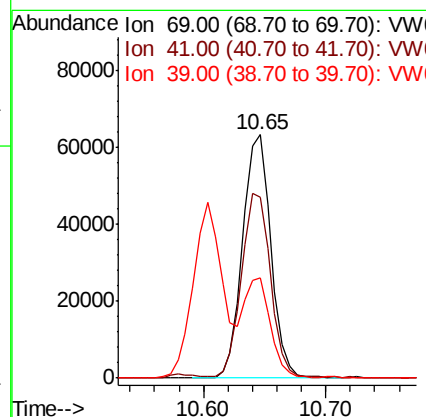
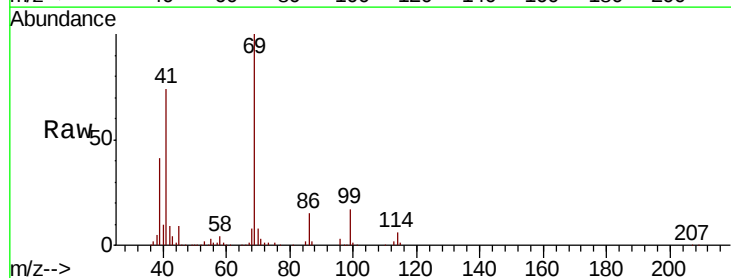
Ion	Ratio	Lower	Upper
97	100		
83	92.0	68.1	102.1
85	58.0	45.3	67.9
99	65.5	50.0	75.0

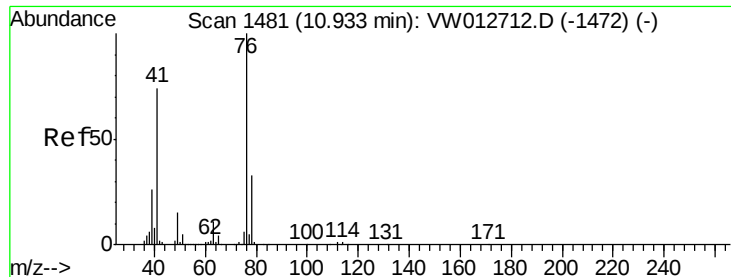


#56
 Ethyl methacrylate
 Concen: 52.415 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 69 Resp: 101637

Ion	Ratio	Lower	Upper
69	100		
41	77.7	64.4	96.6
39	37.1	31.1	46.7

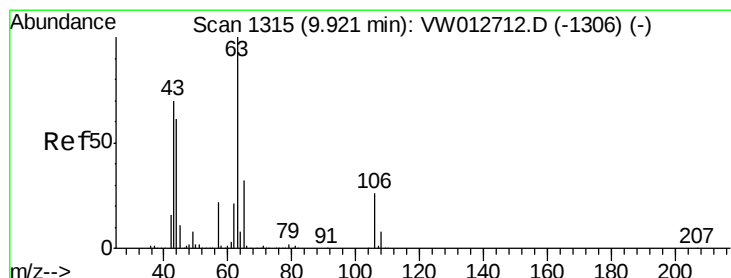
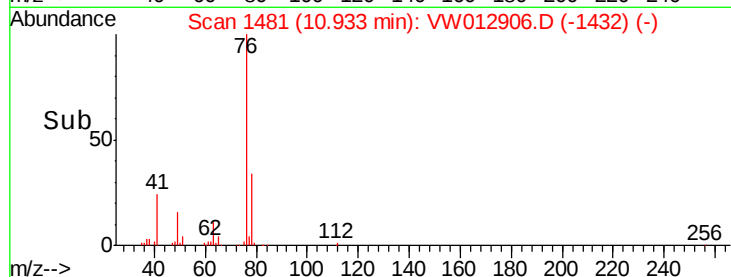
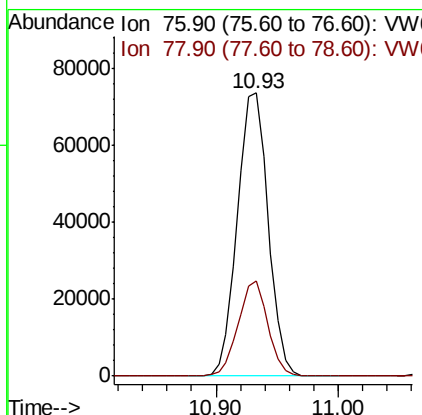
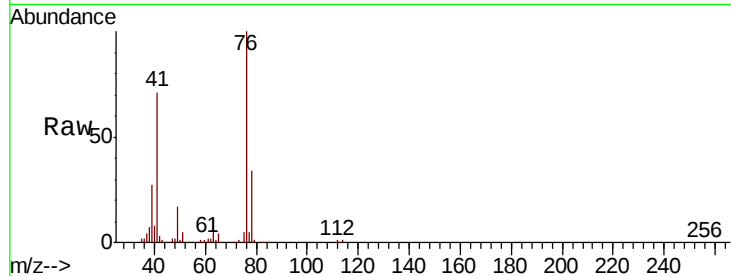




#57
 1,3-Dichloropropane
 Concen: 52.503 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

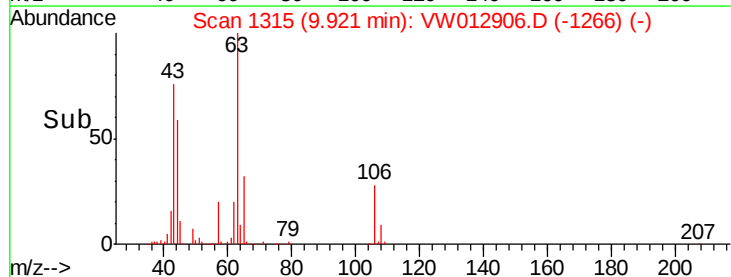
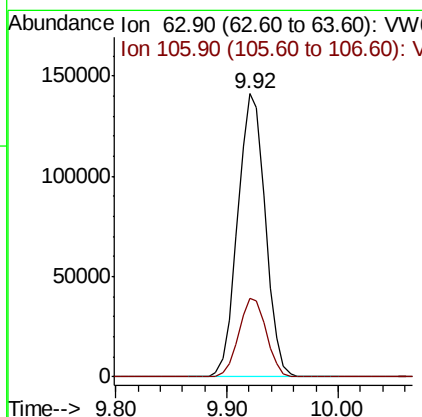
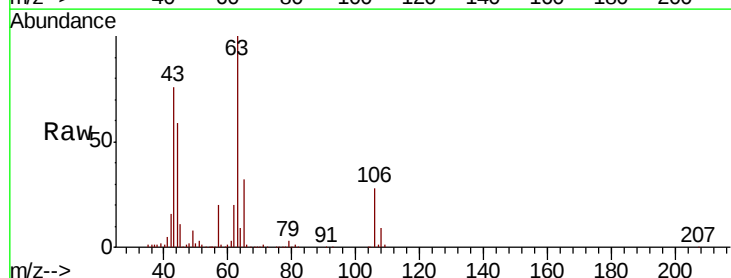
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

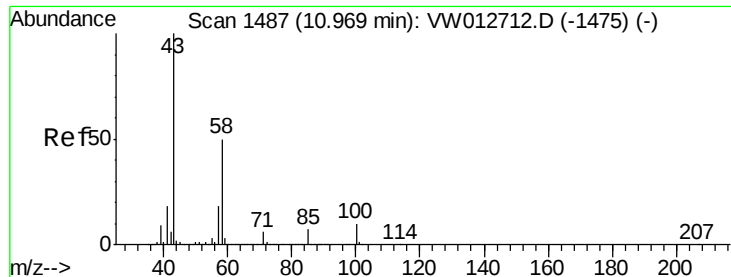
Tgt Ion: 76 Resp: 128666
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.115 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 63 Resp: 243061
 Ion Ratio Lower Upper
 63 100
 106 27.5 20.5 30.7

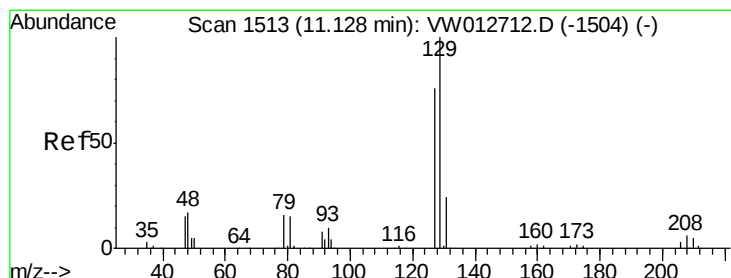
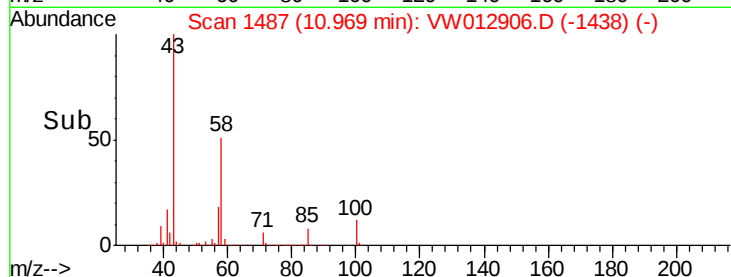
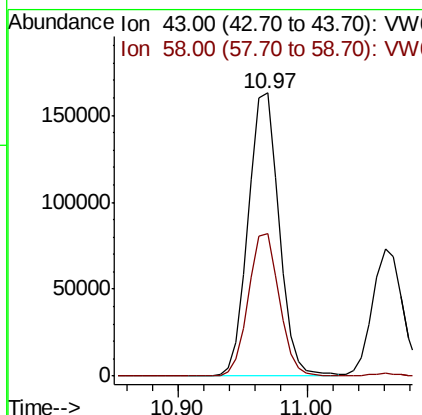
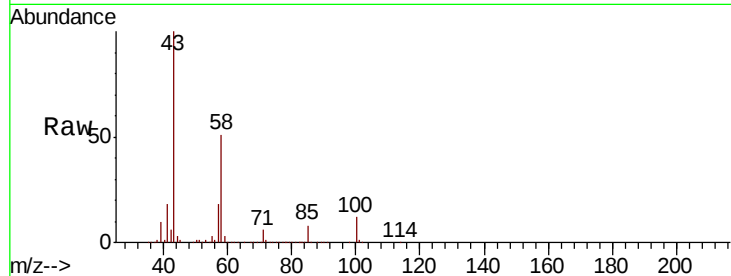




#59
2-Hexanone
Concen: 239.289 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

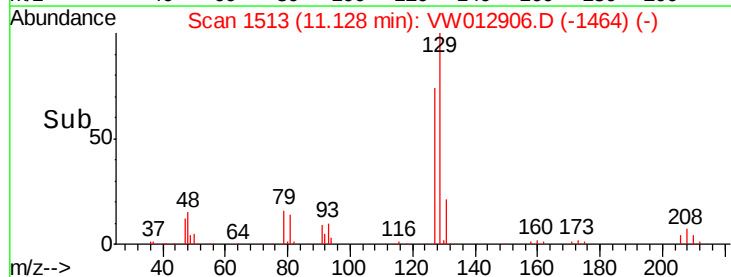
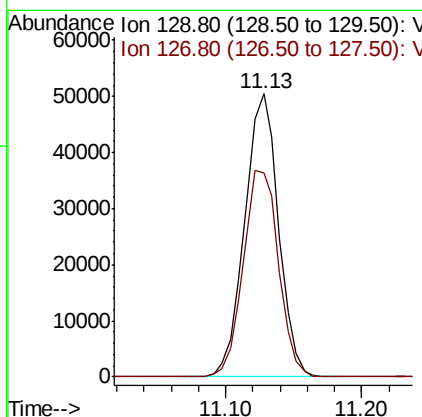
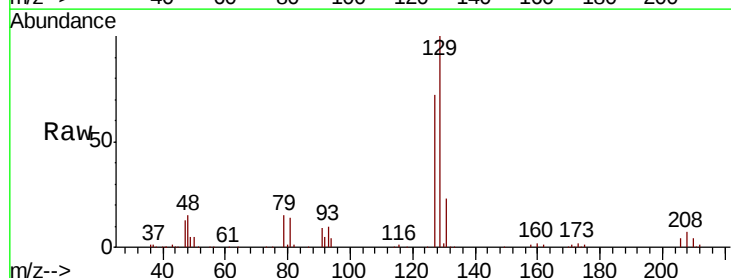
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

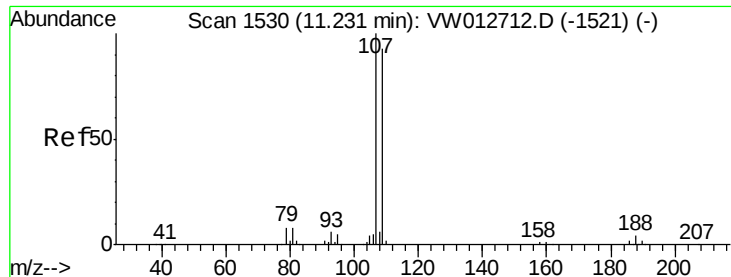
Tgt Ion: 43 Resp: 269017
Ion Ratio Lower Upper
43 100
58 50.4 24.7 74.1



#60
Dibromochloromethane
Concen: 56.375 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 129 Resp: 87829
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8

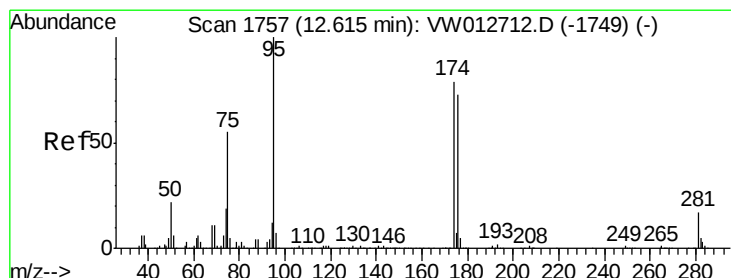
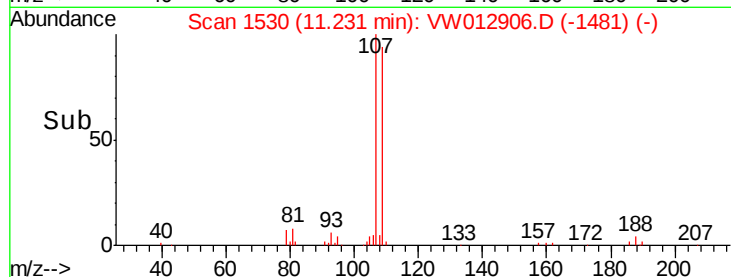
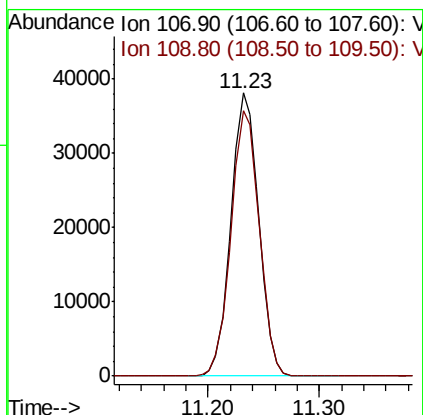
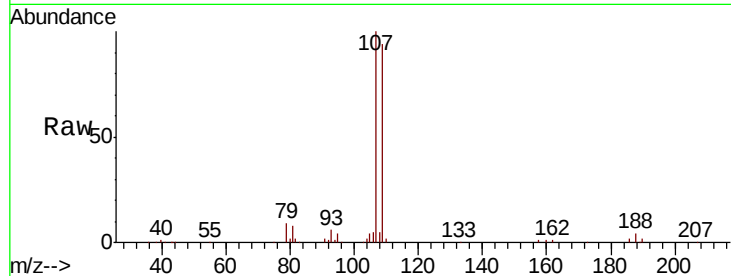




#61
 1,2-Dibromoethane
 Concen: 54.276 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

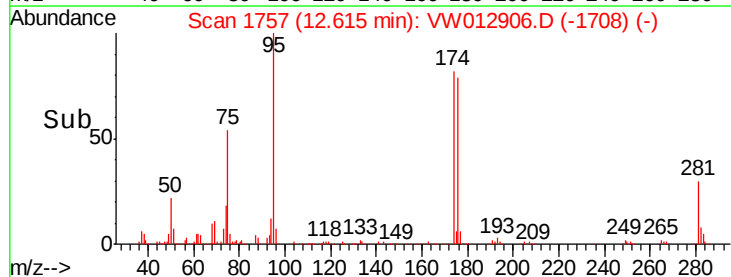
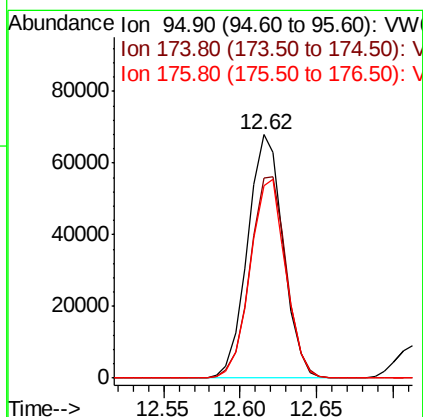
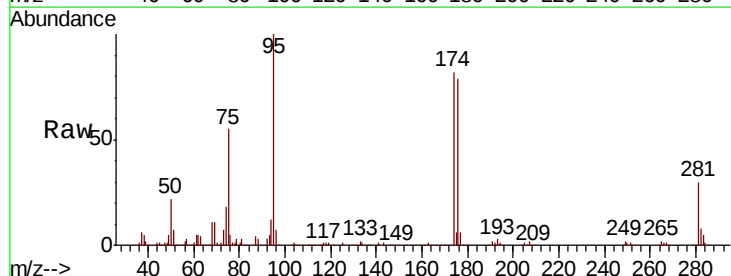
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

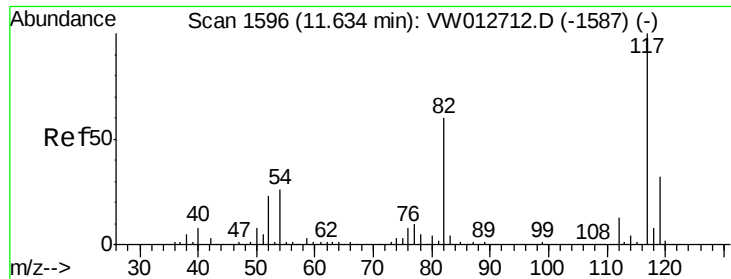
Tgt Ion: 107 Resp: 65917
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 47.607 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 95 Resp: 110011
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 161.0
 176 81.3 0.0 156.4

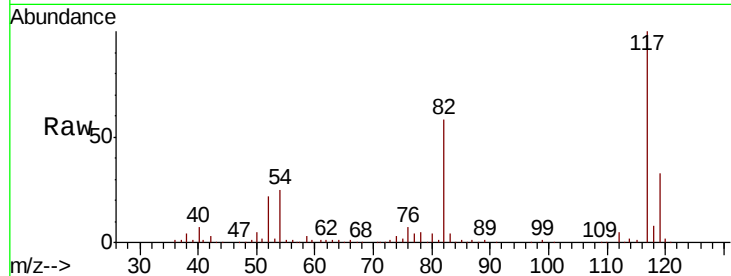




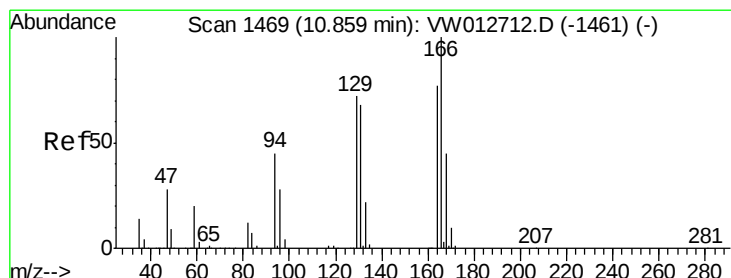
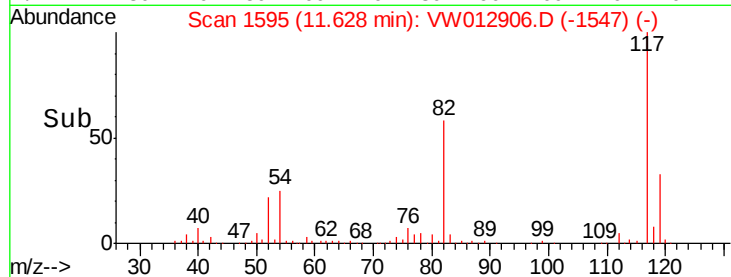
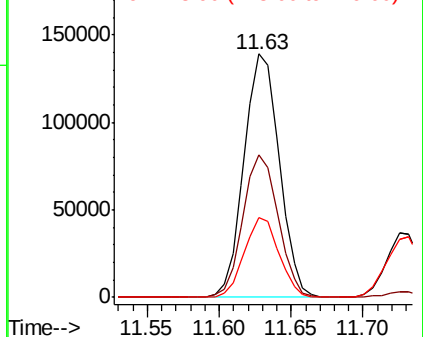
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 236538
Ion Ratio Lower Upper
117 100
82 58.4 48.2 72.4
119 32.8 25.8 38.6



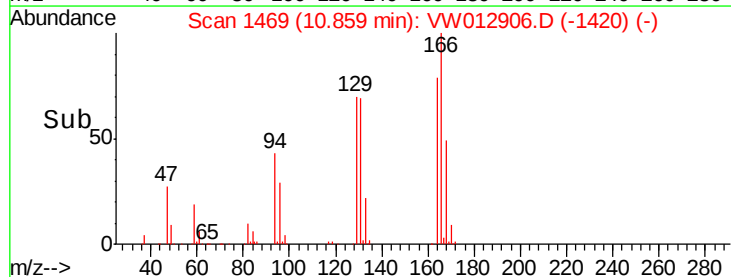
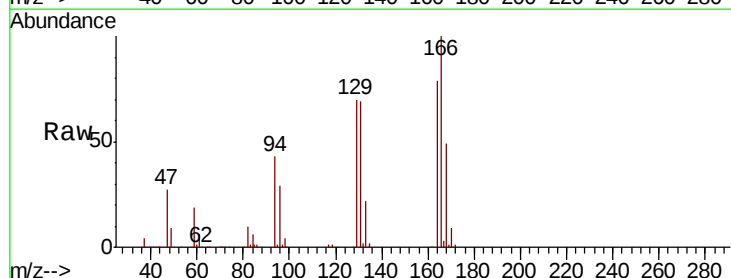
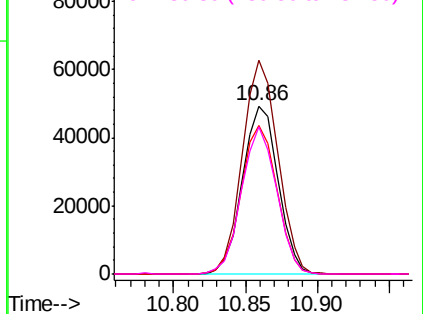
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

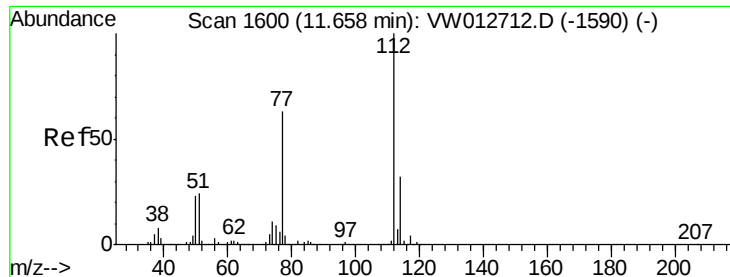


#64
Tetrachloroethene
Concen: 59.002 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion:164 Resp: 84683
Ion Ratio Lower Upper
164 100
166 127.3 103.6 155.4
129 88.7 74.6 112.0
131 87.9 70.6 106.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

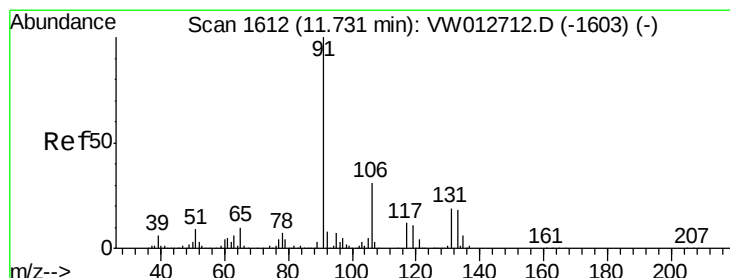
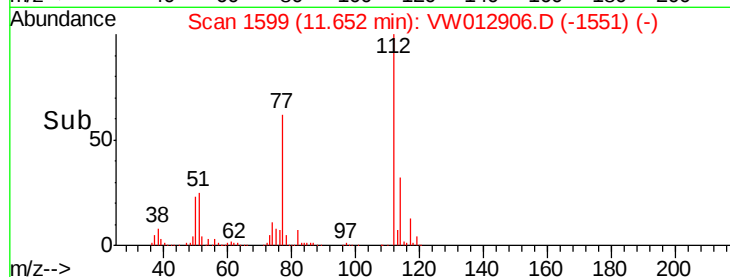
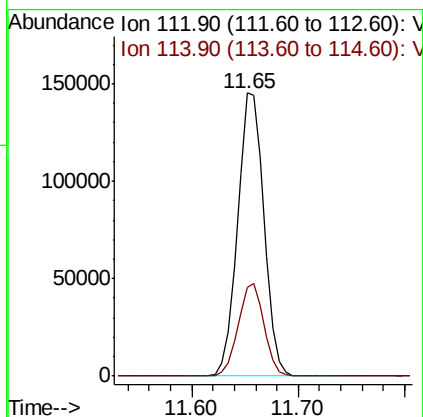
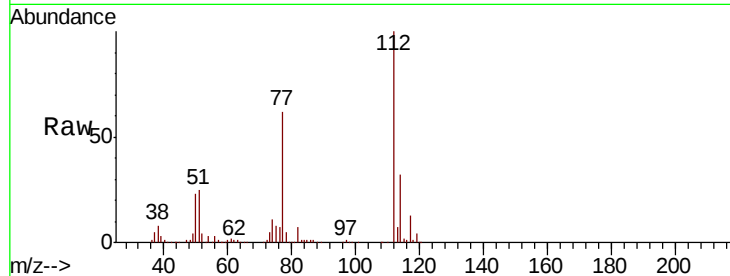




#65
Chlorobenzene
Concen: 56.436 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

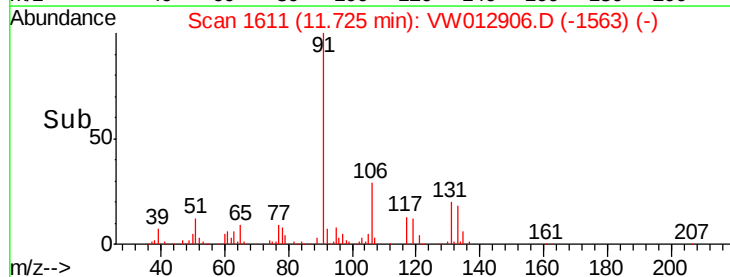
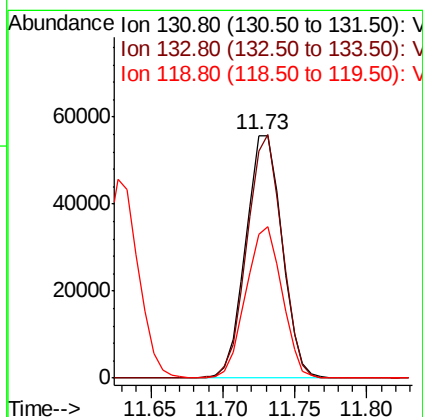
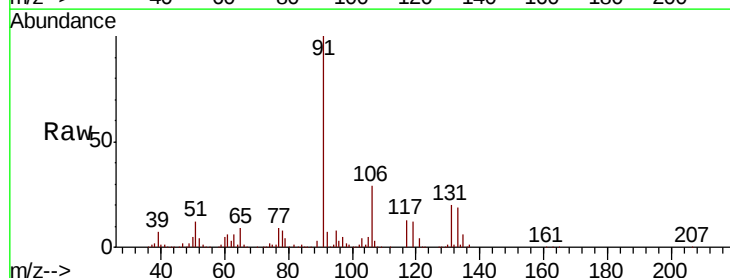
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

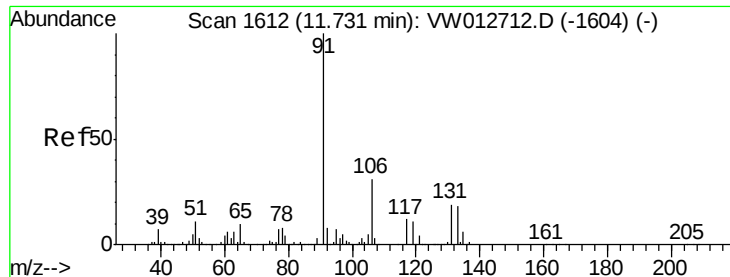
Tgt Ion:112 Resp: 252305
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 58.453 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion:131 Resp: 97318
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 62.2 30.6 92.0

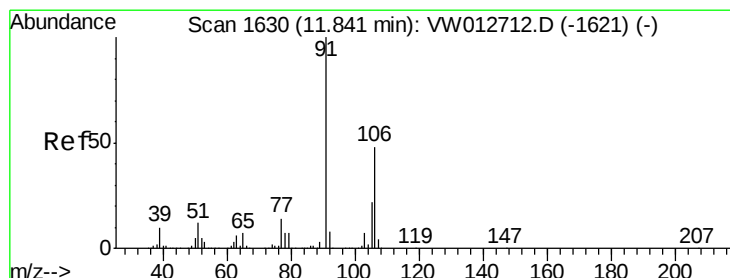
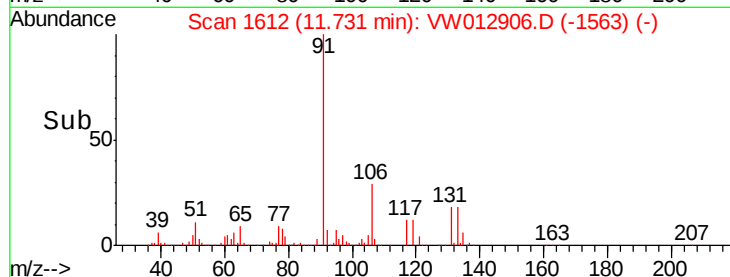
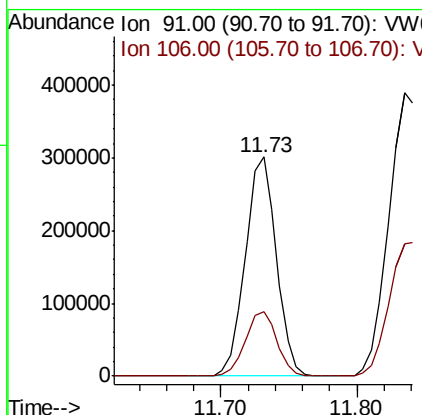
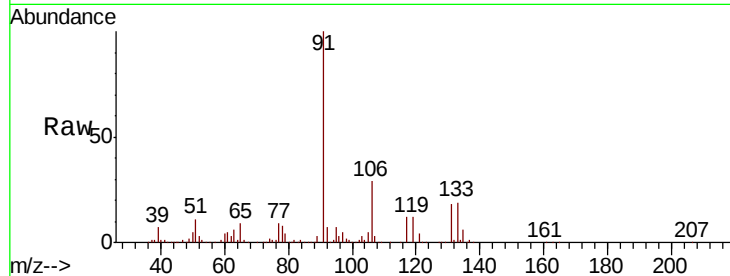




#67
Ethyl Benzene
Concen: 57.234 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

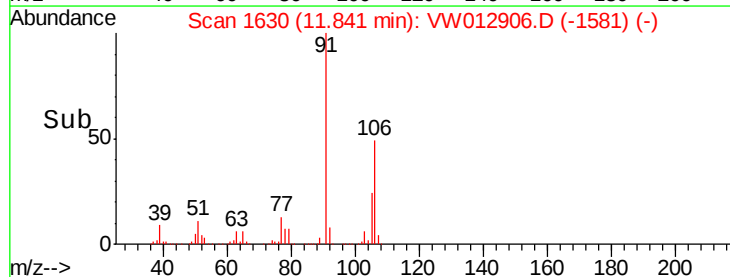
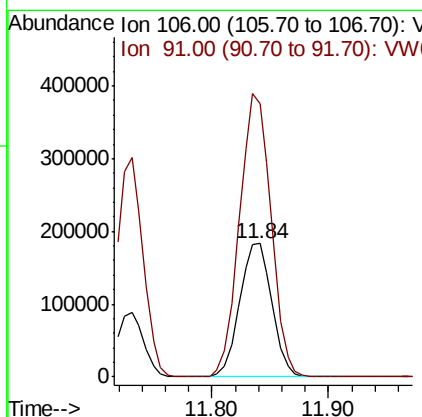
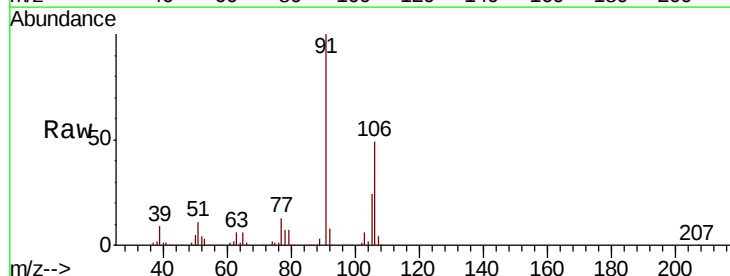
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

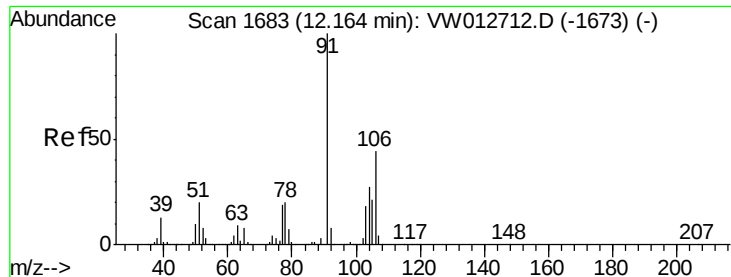
Tgt Ion: 91 Resp: 480081
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#68
m/p-Xylenes
Concen: 116.539 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 106 Resp: 352843
Ion Ratio Lower Upper
106 100
91 208.7 168.2 252.4

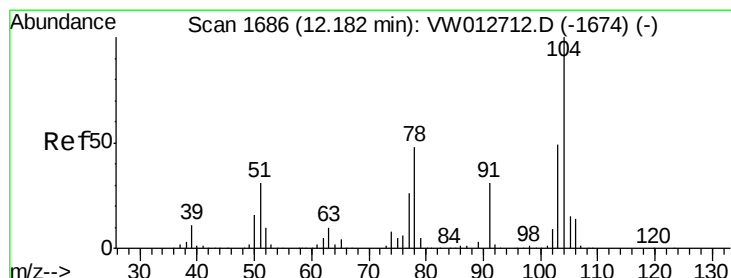
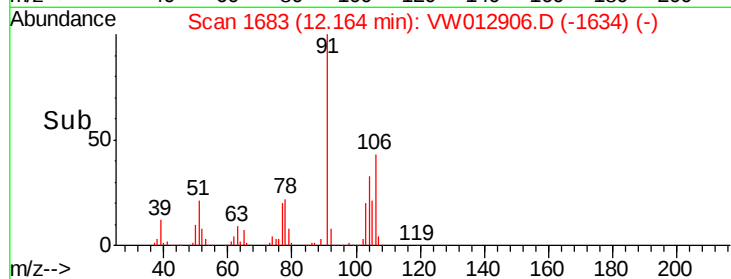
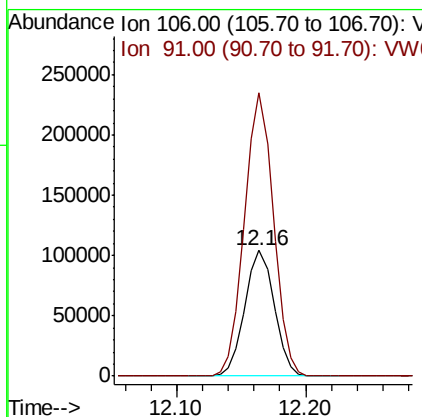
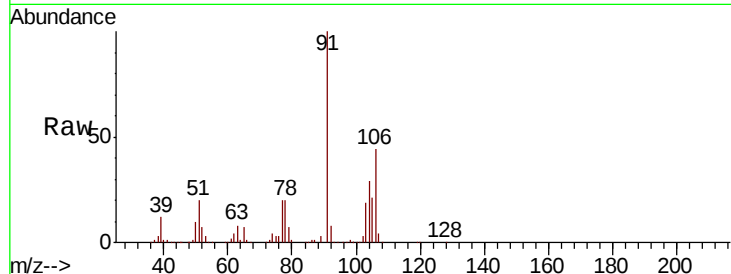




#69
o-Xylene
Concen: 57.775 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

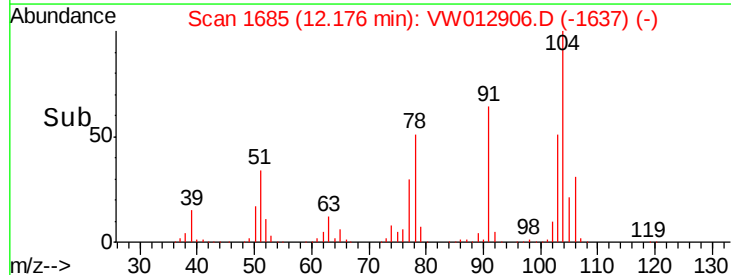
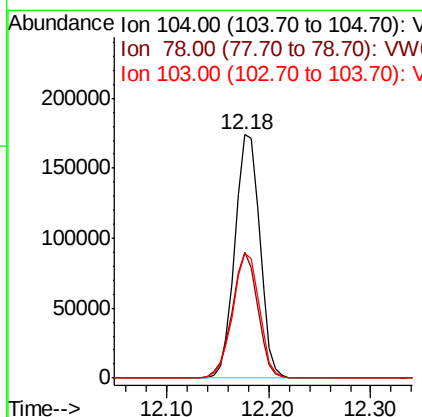
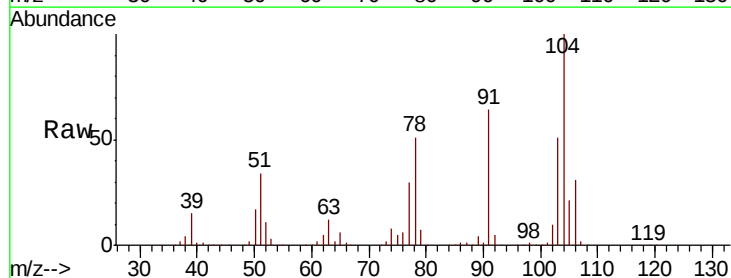
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

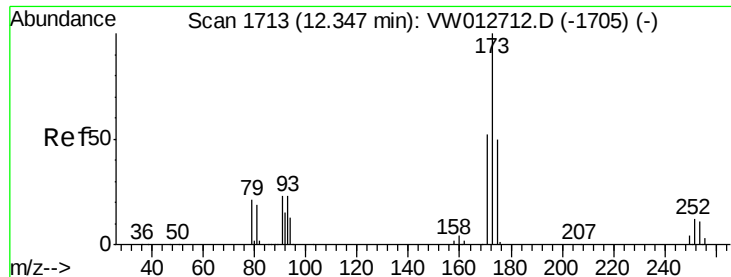
Tgt Ion:106 Resp: 165030
Ion Ratio Lower Upper
106 100
91 221.6 112.3 336.8



#70
Styrene
Concen: 58.140 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion:104 Resp: 293460
Ion Ratio Lower Upper
104 100
78 53.0 43.3 64.9
103 54.6 44.0 66.0

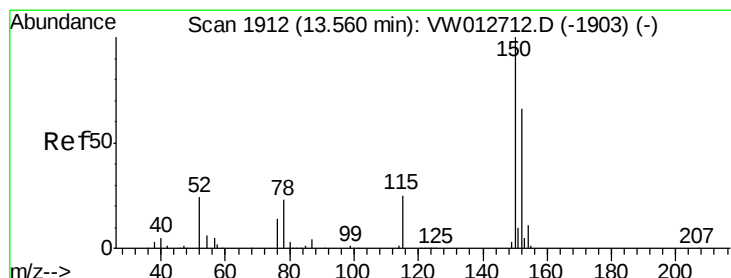
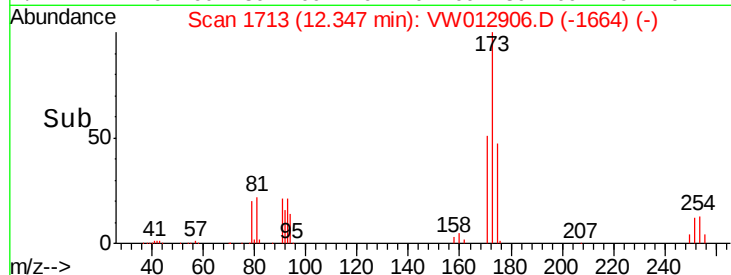
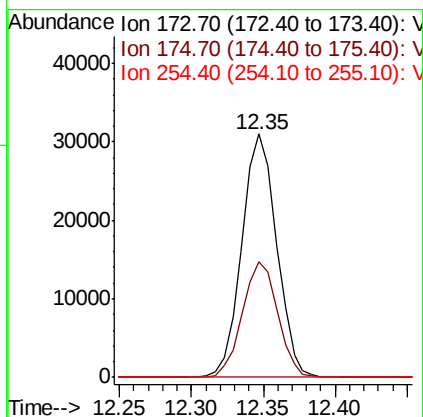
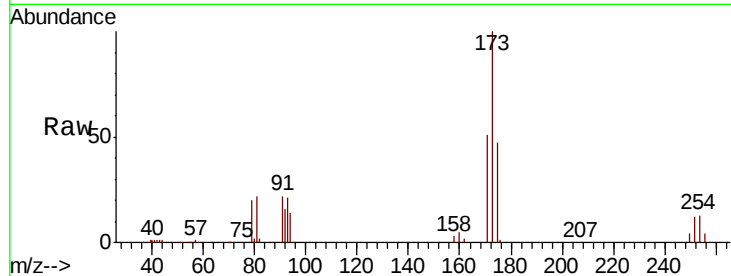




#71
 Bromoform
 Concen: 55.928 ug/l
 RT: 12.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

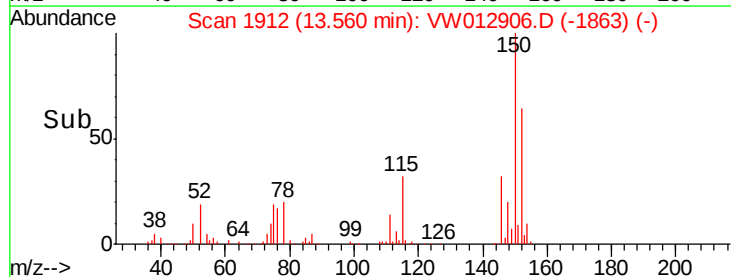
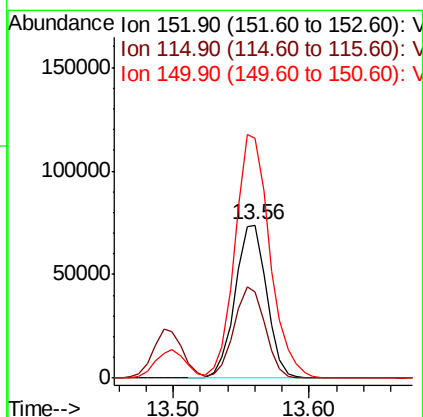
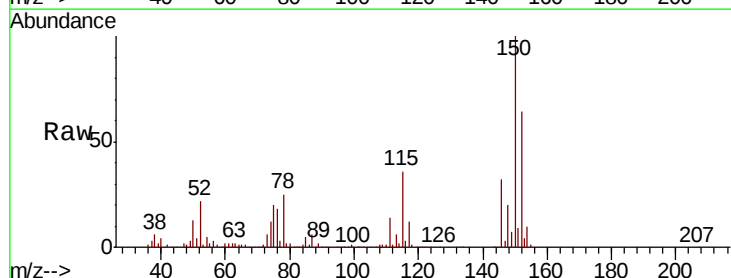
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

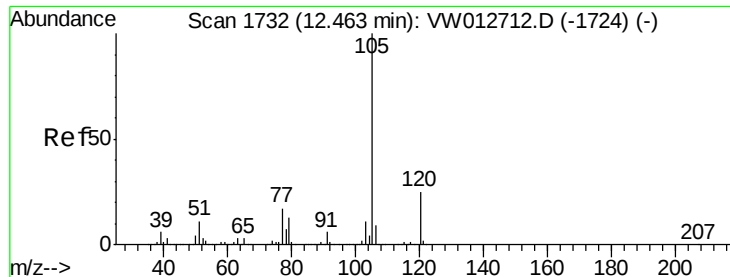
Tgt Ion:173 Resp: 51733
 Ion Ratio Lower Upper
 173 100
 175 48.3 24.8 74.3
 254 0.1 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion:152 Resp: 119262
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.0 90.1
 150 175.8 0.0 349.0





#73

Isopropylbenzene

Concen: 56.666 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

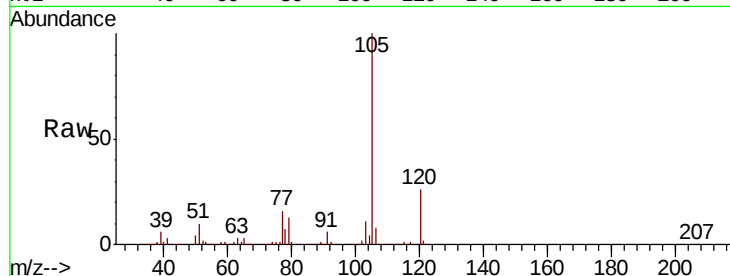
VSTDCCC050

Tgt Ion: 105 Resp: 484706

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

300000

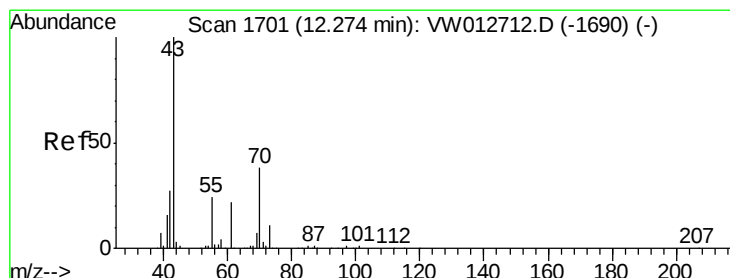
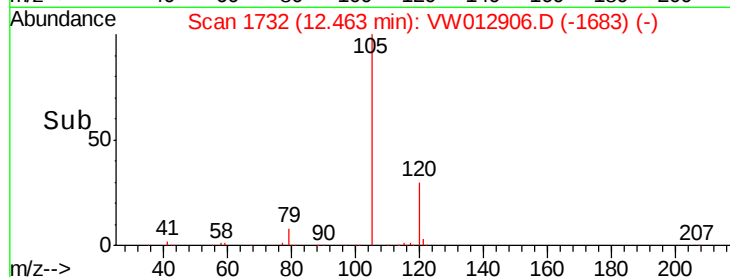
200000

100000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 47.771 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Tgt Ion: 43 Resp: 129704

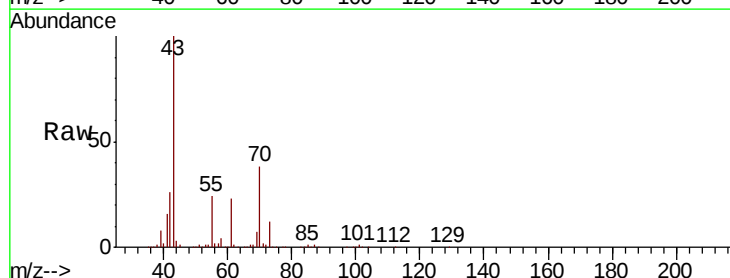
Ion Ratio Lower Upper

43 100

70 38.1 29.4 44.0

55 23.6 18.6 27.8

61 22.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

120000

100000

80000

60000

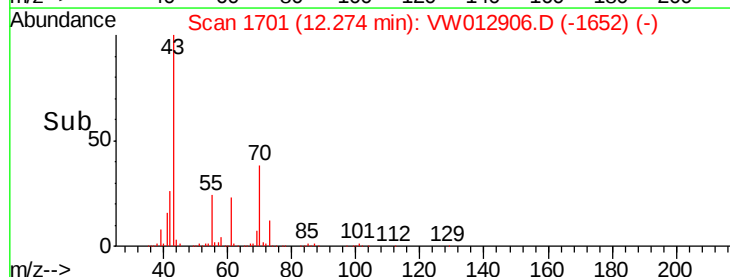
40000

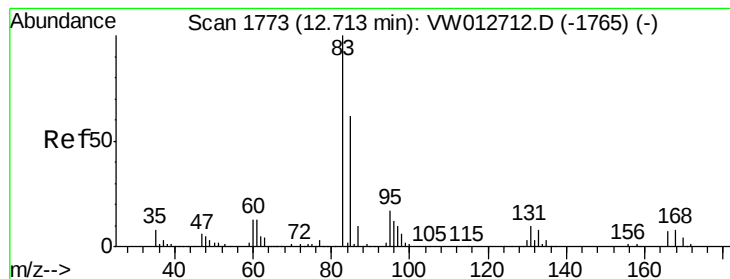
20000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 48.624 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

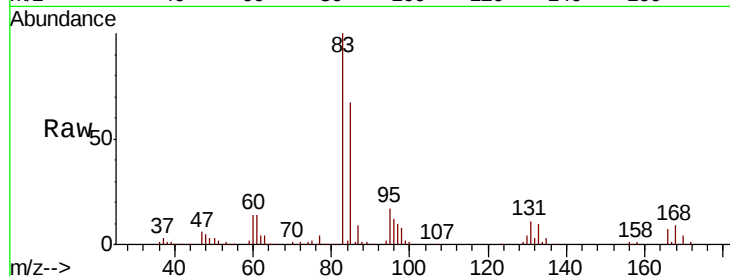
Tgt Ion: 83 Resp: 83529

Ion Ratio Lower Upper

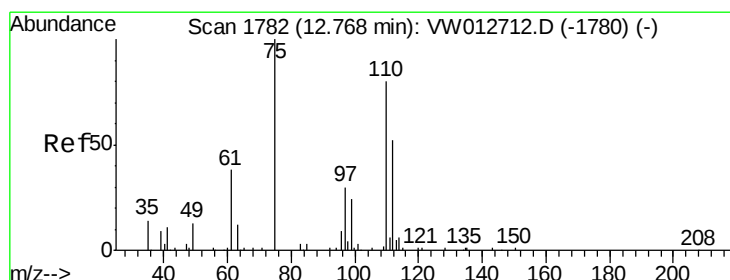
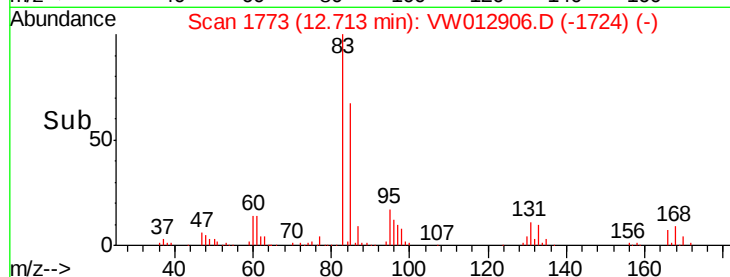
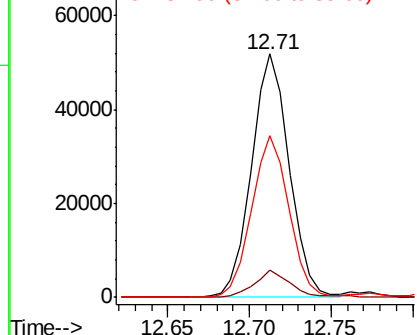
83 100

131 10.8 5.1 15.4

85 65.6 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.776 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012906.D

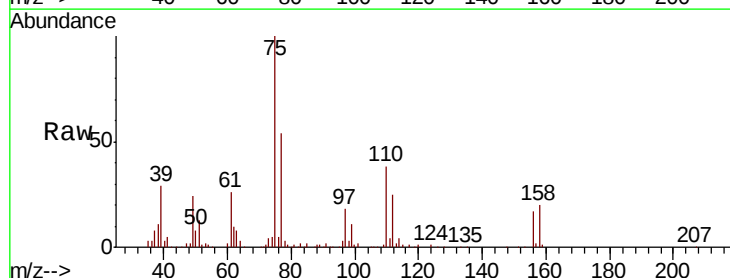
Acq: 11 Sep 2019 10:04

Tgt Ion: 75 Resp: 111922

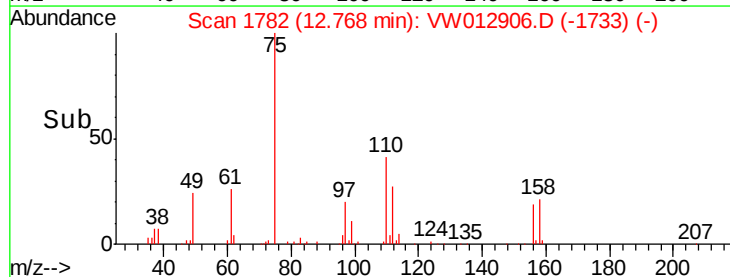
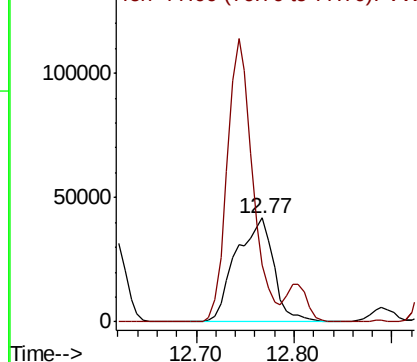
Ion Ratio Lower Upper

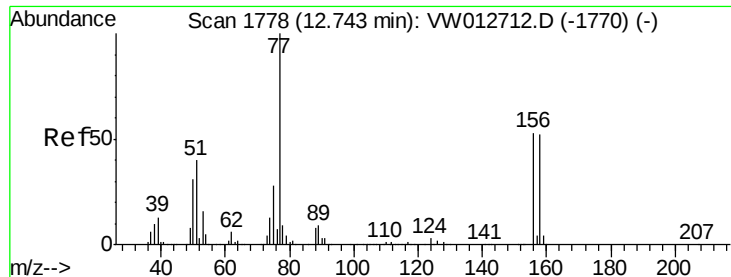
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.741 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

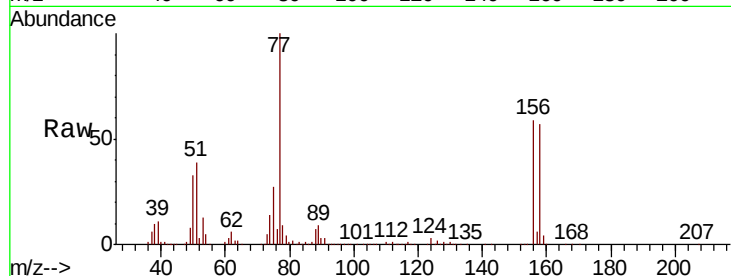
Tgt Ion:156 Resp: 109961

Ion Ratio Lower Upper

156 100

77 188.8 102.3 306.9

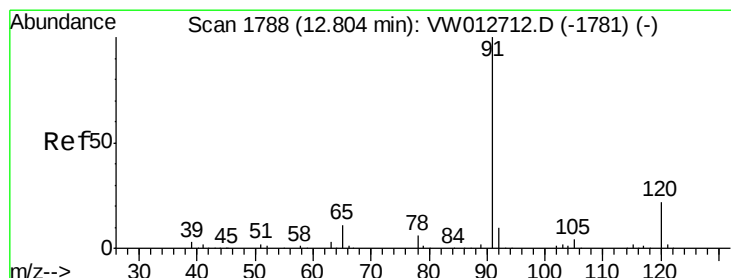
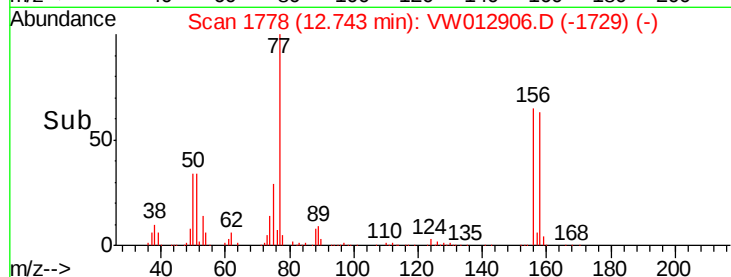
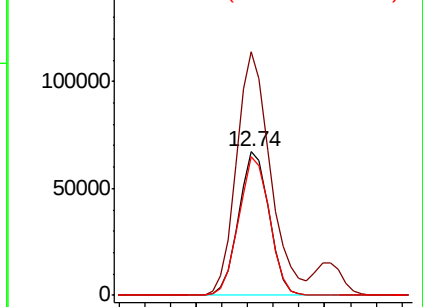
158 97.0 48.9 146.8



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: 55.592 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012906.D

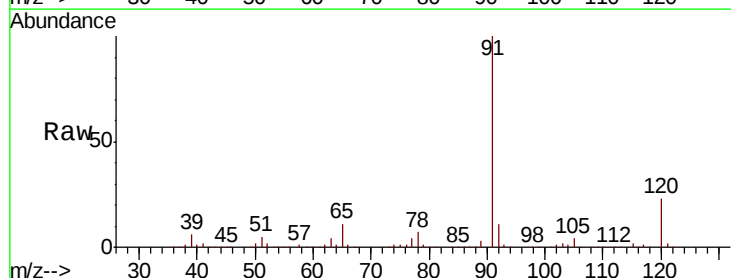
Acq: 11 Sep 2019 10:04

Tgt Ion: 91 Resp: 568721

Ion Ratio Lower Upper

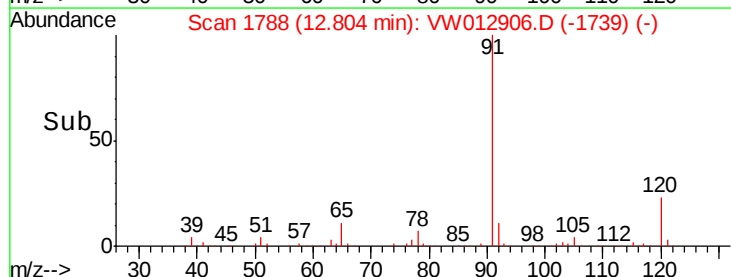
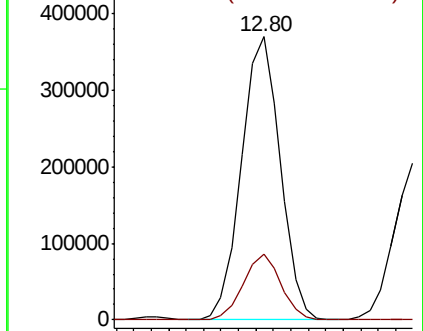
91 100

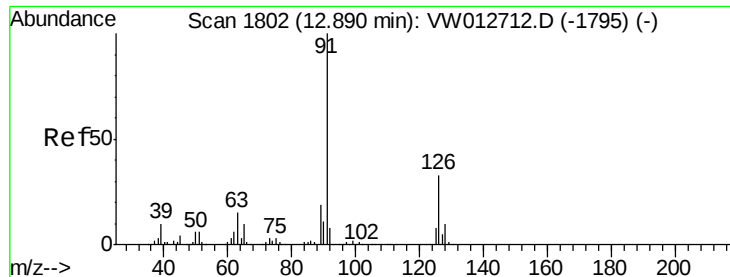
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

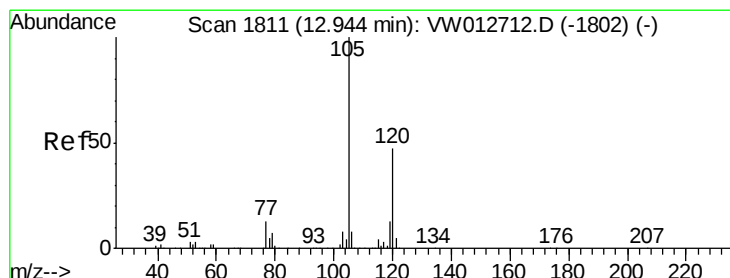
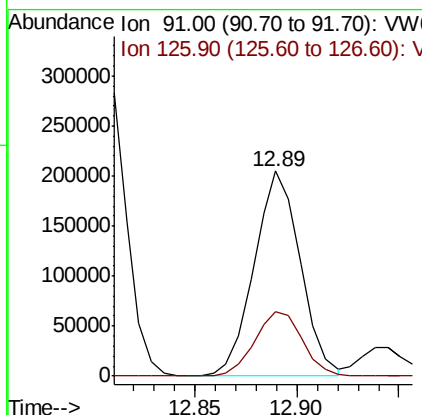
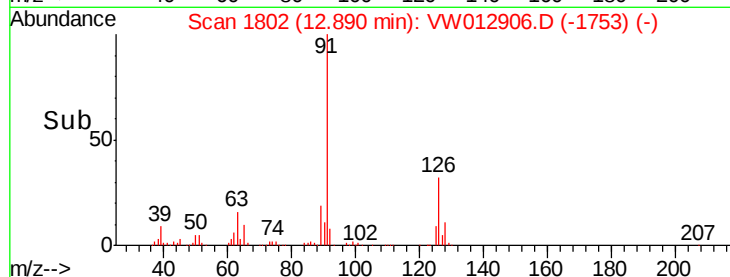
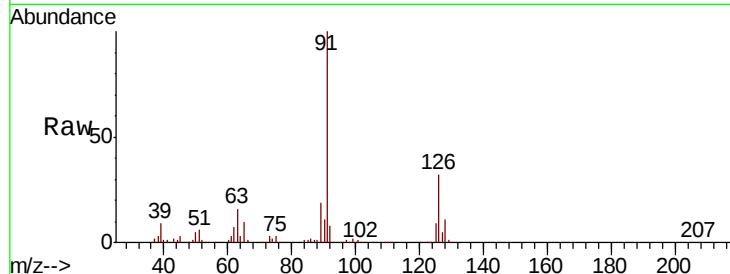




#79
 2-Chlorotoluene
 Concen: 54.904 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

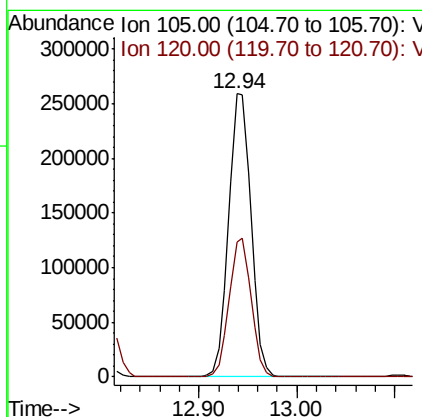
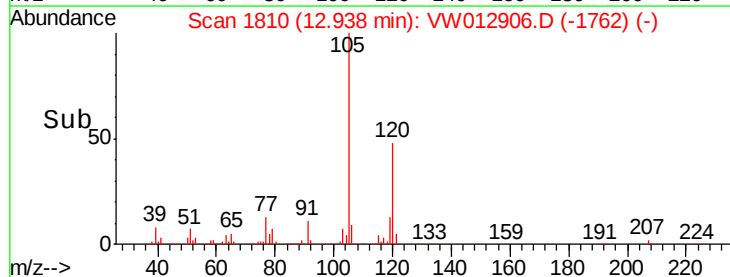
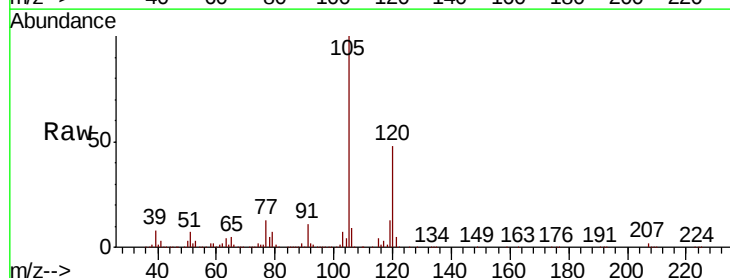
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

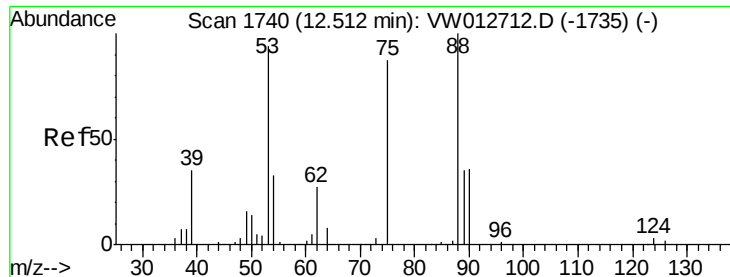
Tgt Ion: 91 Resp: 322450
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 57.070 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion: 105 Resp: 411347
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.021 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

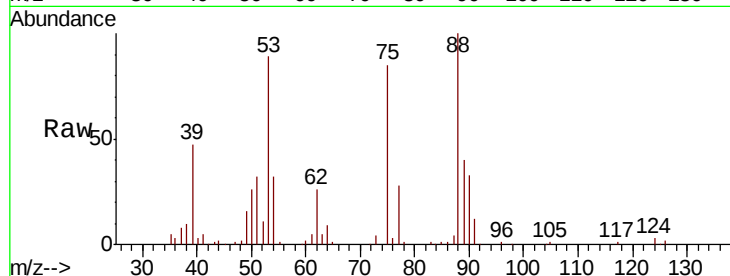
Tgt Ion: 75 Resp: 28841

Ion Ratio Lower Upper

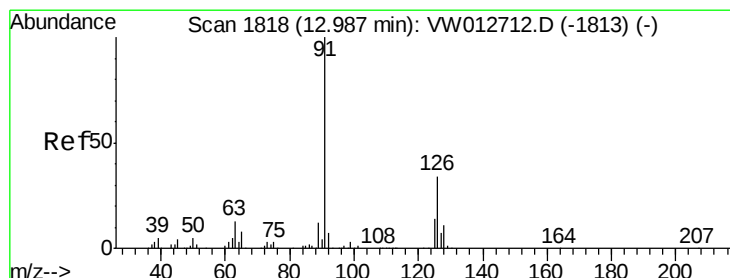
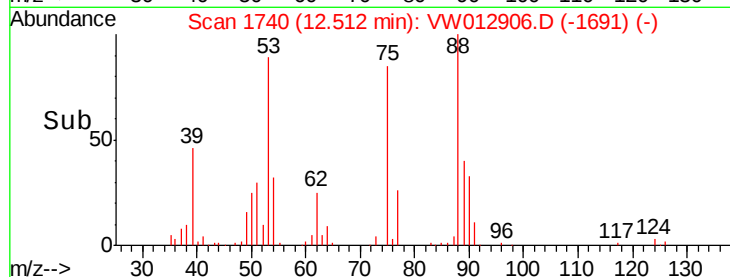
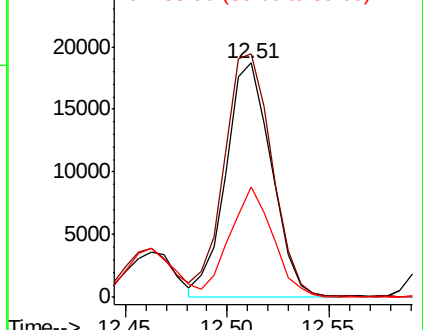
75 100

53 110.1 87.6 131.4

89 44.4 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: 54.766 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012906.D

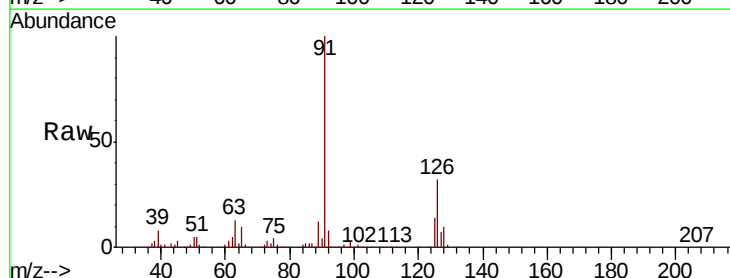
Acq: 11 Sep 2019 10:04

Tgt Ion: 91 Resp: 340219

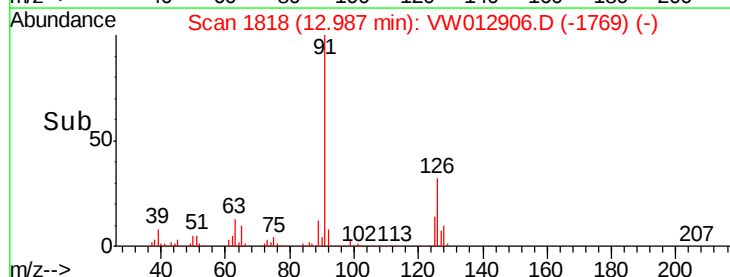
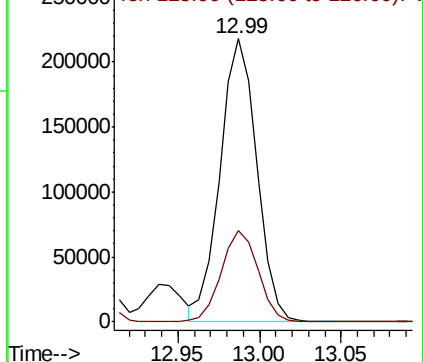
Ion Ratio Lower Upper

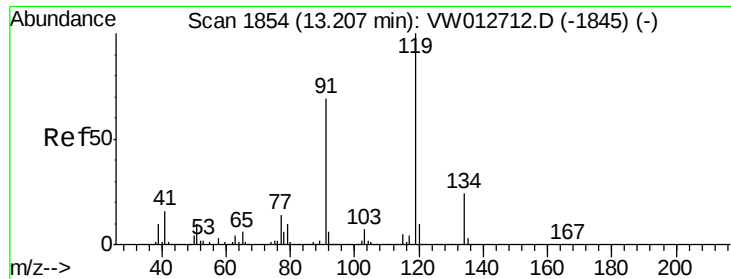
91 100

126 32.5 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

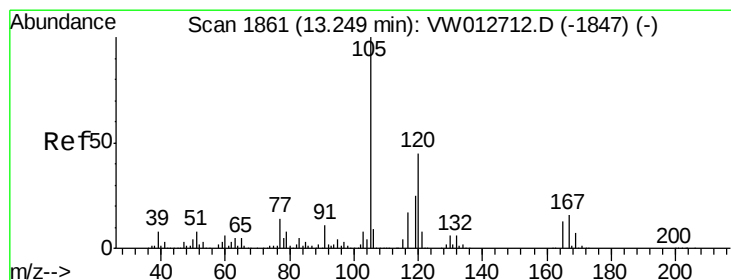
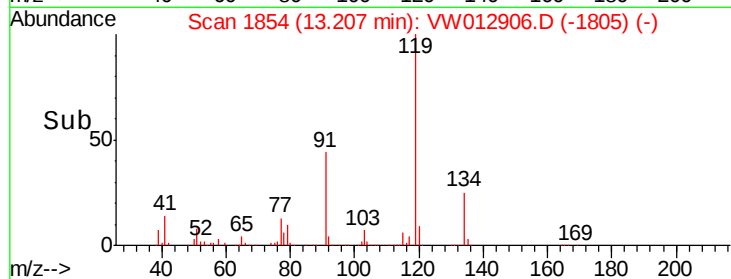
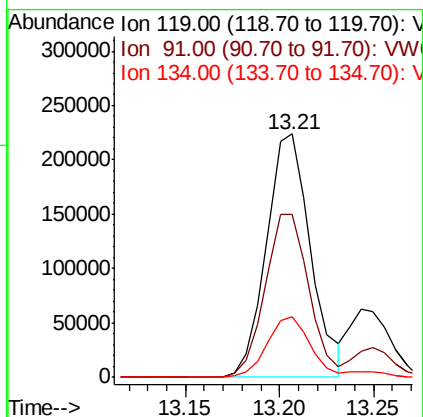
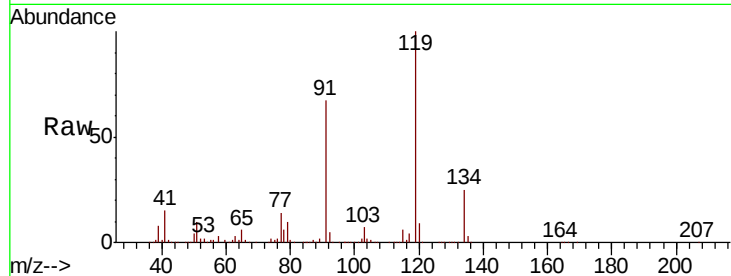




#83
 tert-Butylbenzene
 Concen: 57.108 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

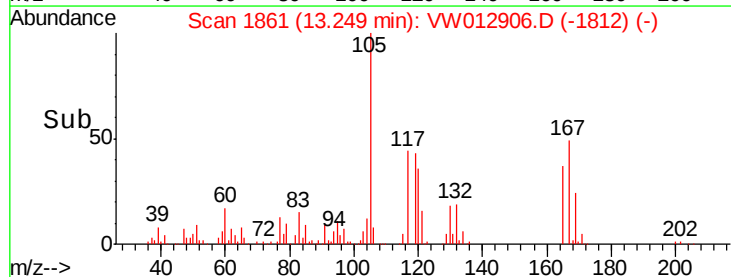
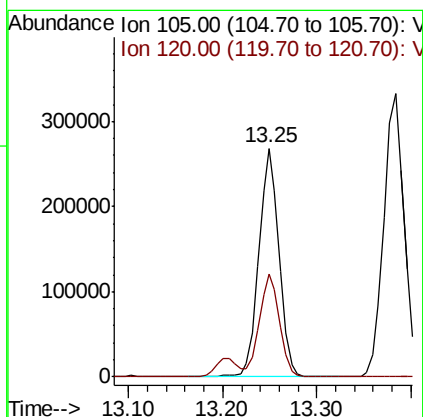
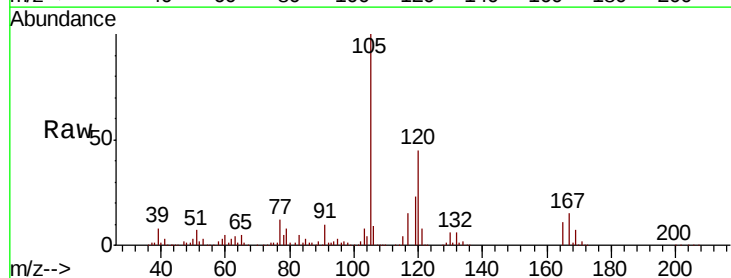
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

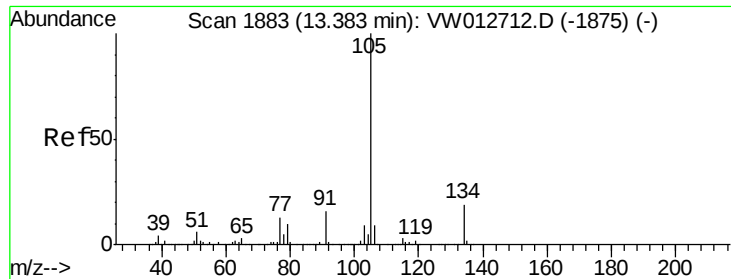
Tgt Ion:119 Resp: 363960
 Ion Ratio Lower Upper
 119 100
 91 66.5 34.2 102.5
 134 24.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 56.012 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion:105 Resp: 406806
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3

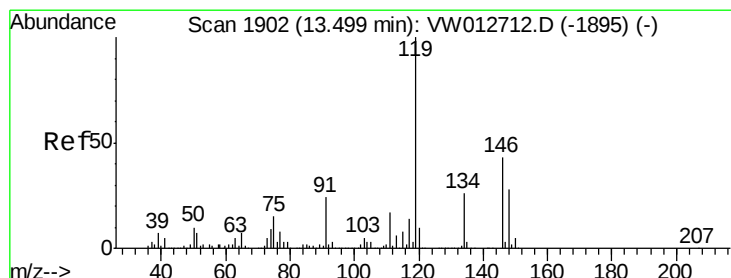
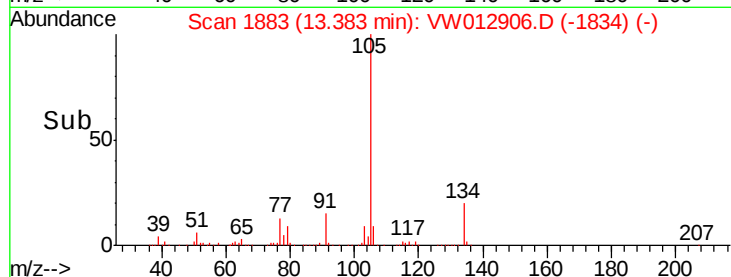
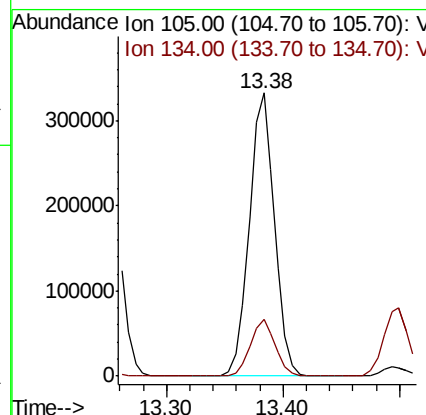
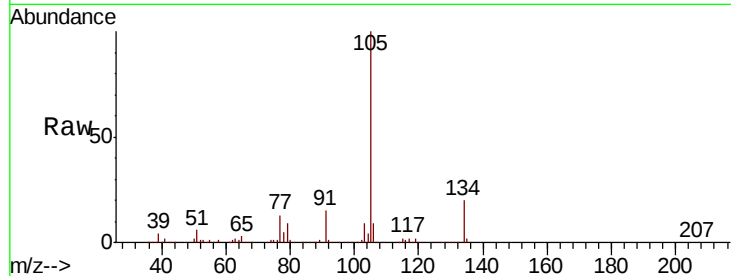




#85
 sec-Butylbenzene
 Concen: 56.481 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

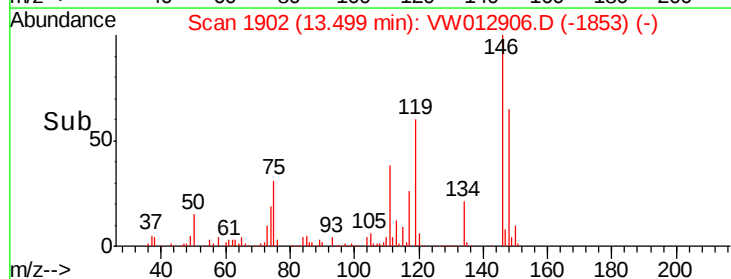
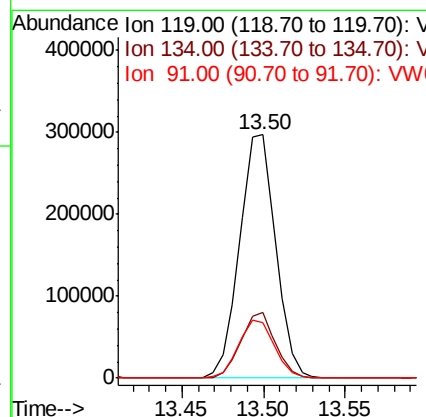
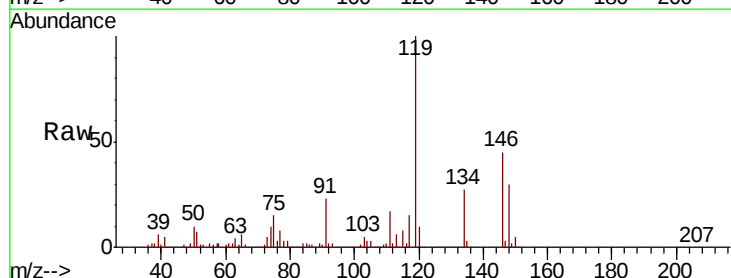
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

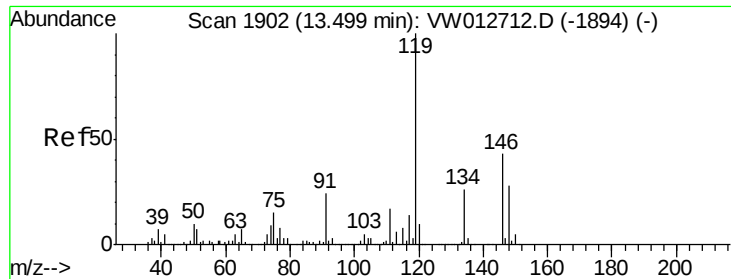
Tgt Ion:105 Resp: 499501
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.707 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion:119 Resp: 458073
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 23.7 12.2 36.6

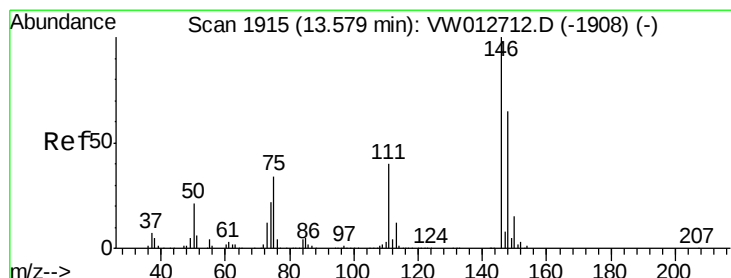
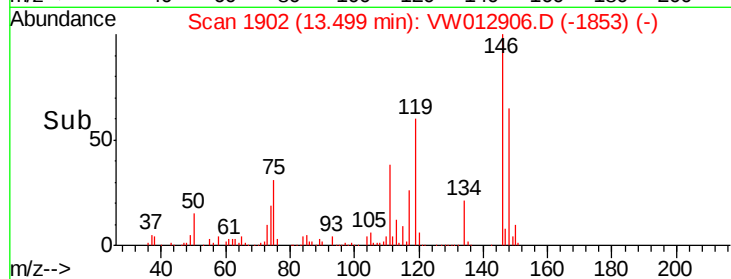
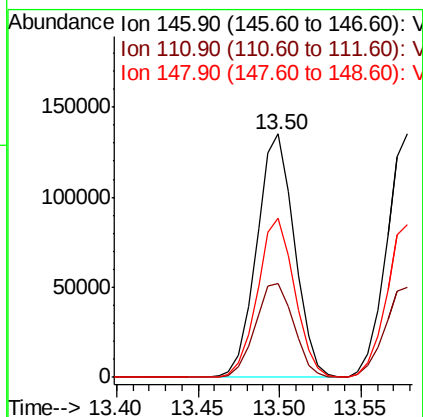
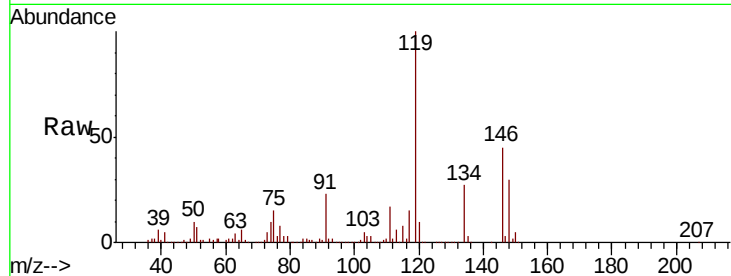




#87
 1,3-Dichlorobenzene
 Concen: 56.559 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

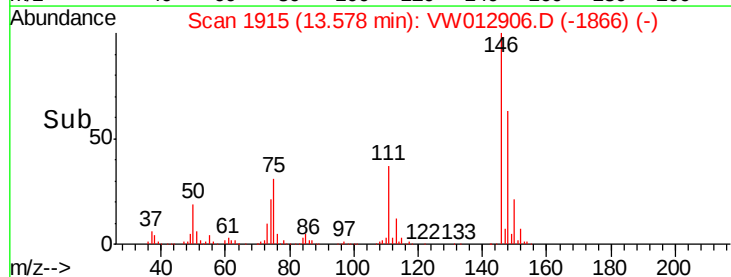
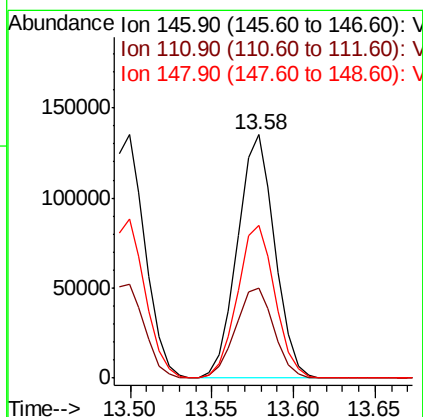
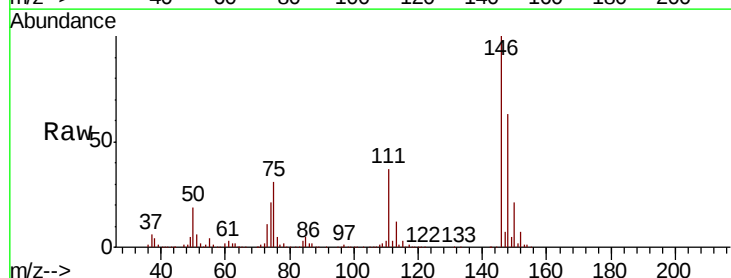
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

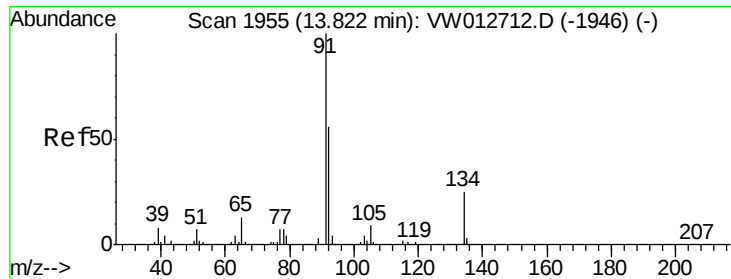
Tgt Ion:146 Resp: 215438
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.4 61.2
 148 64.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 56.539 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion:146 Resp: 214301
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.0 60.0
 148 63.4 32.2 96.6

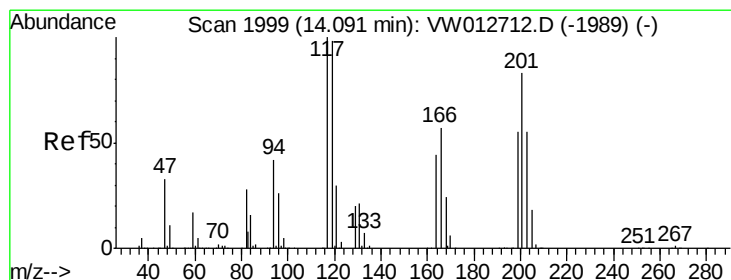
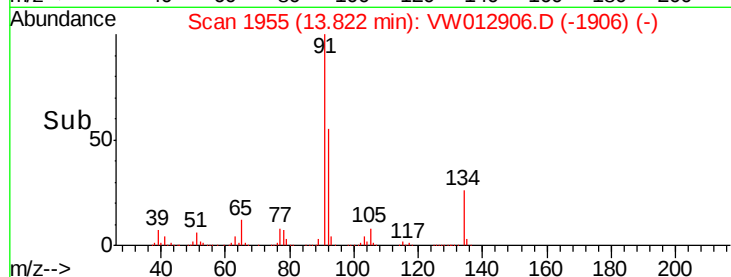
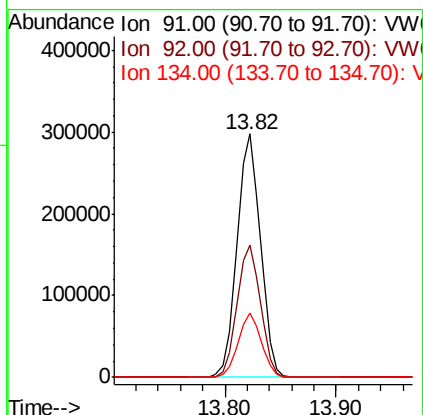
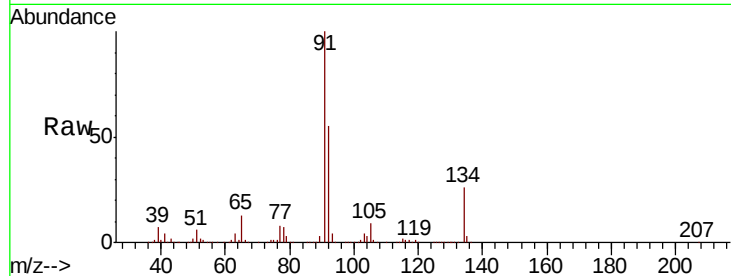




#89
n-Butylbenzene
Concen: 55.106 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

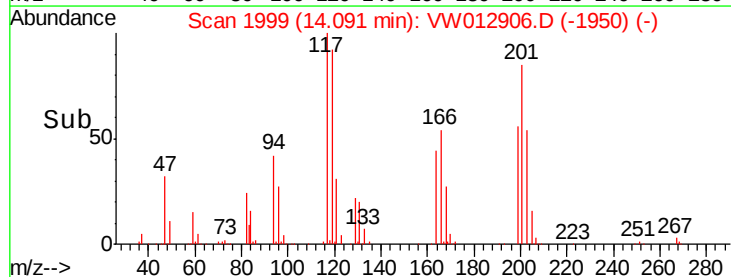
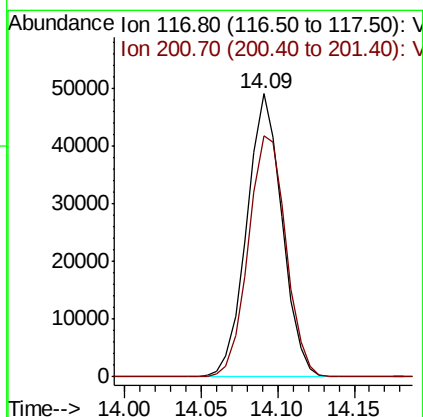
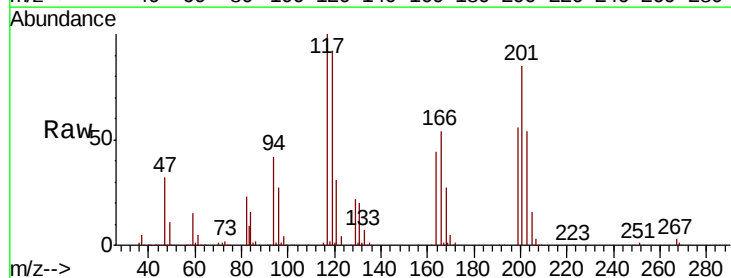
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

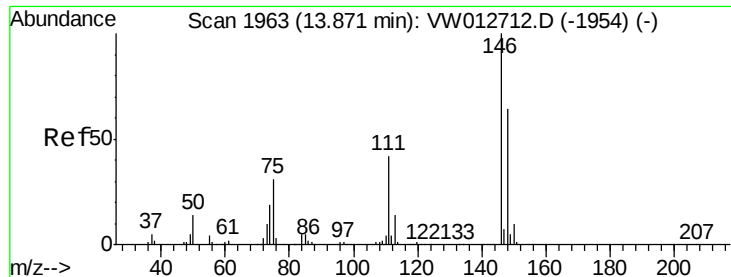
Tgt Ion: 91 Resp: 432161
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 26.0 12.7 38.1



#90
Hexachloroethane
Concen: 55.960 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012906.D
Acq: 11 Sep 2019 10:04

Tgt Ion: 117 Resp: 78915
Ion Ratio Lower Upper
117 100
201 90.4 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 55.394 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

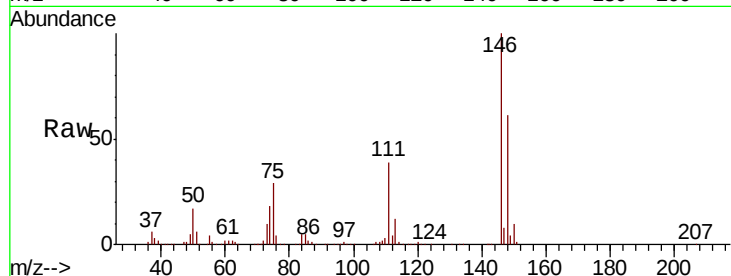
Tgt Ion:146 Resp: 189914

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.9

148 63.5 32.1 96.5

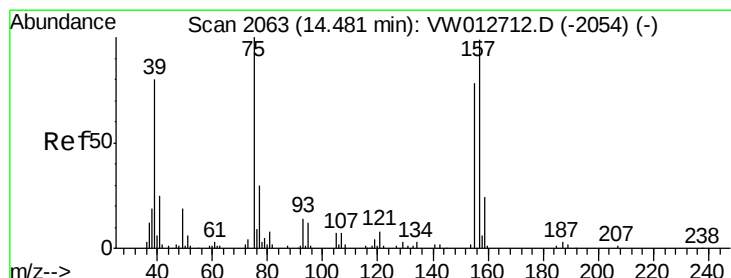
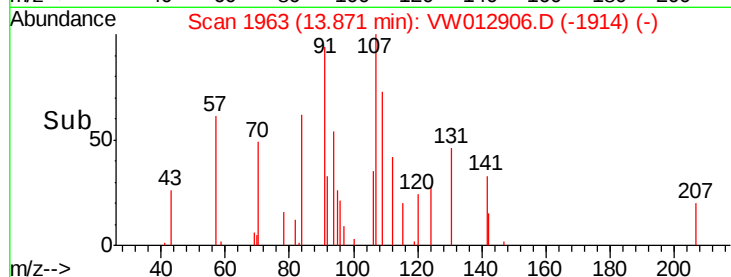
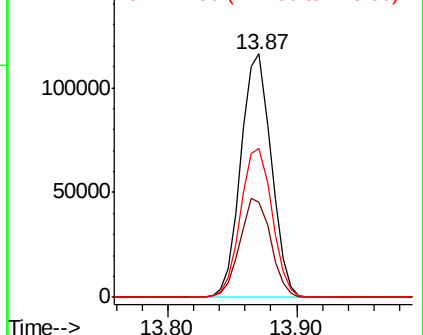


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.097 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

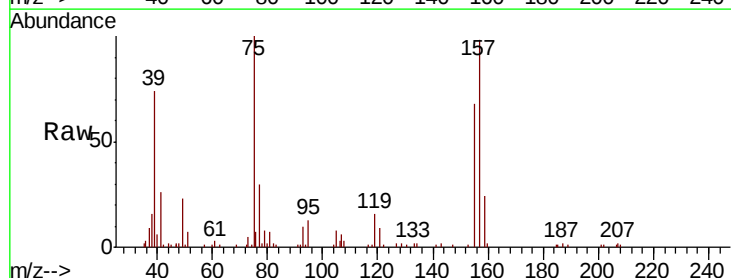
Tgt Ion: 75 Resp: 14806

Ion Ratio Lower Upper

75 100

155 79.5 40.6 122.0

157 107.0 52.5 157.5

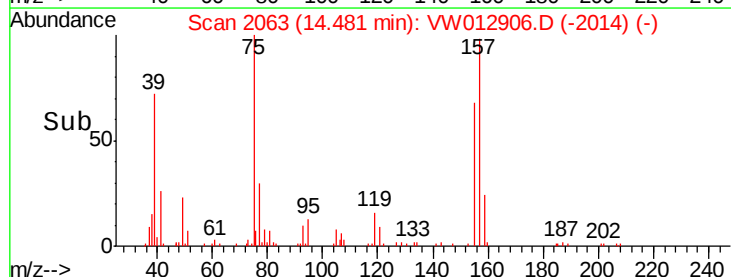
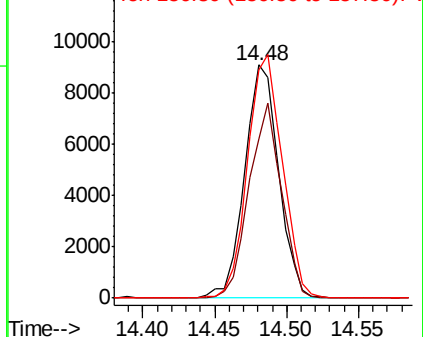


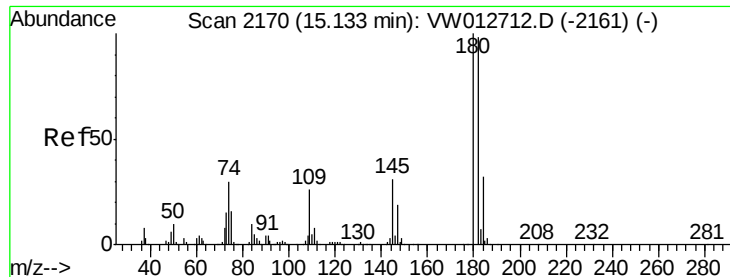
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

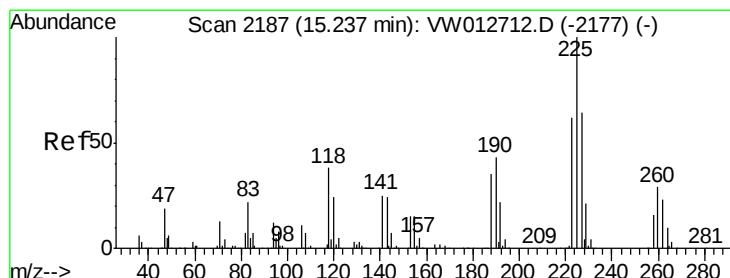
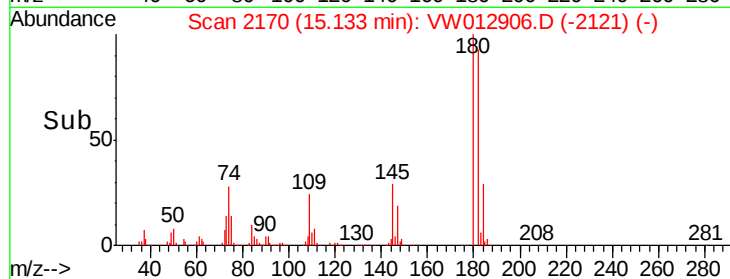
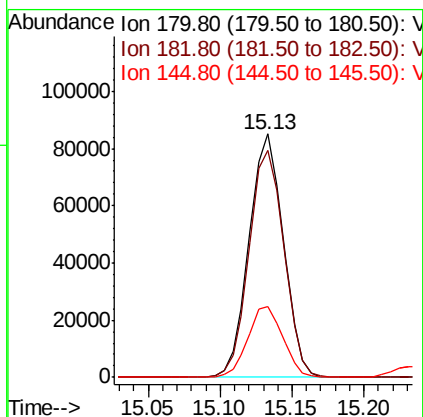
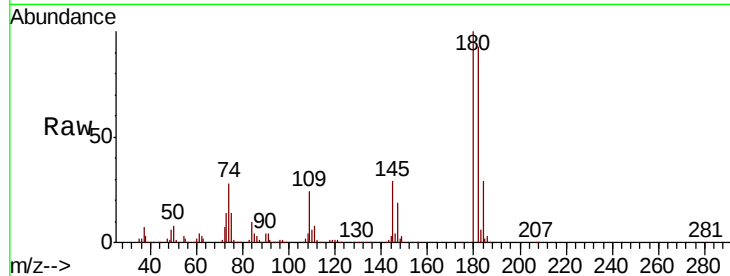




#93
 1,2,4-Trichlorobenzene
 Concen: 58.521 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

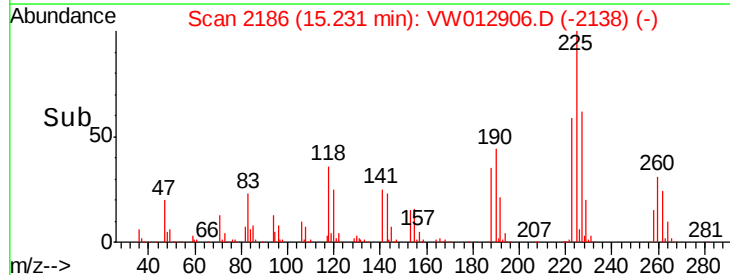
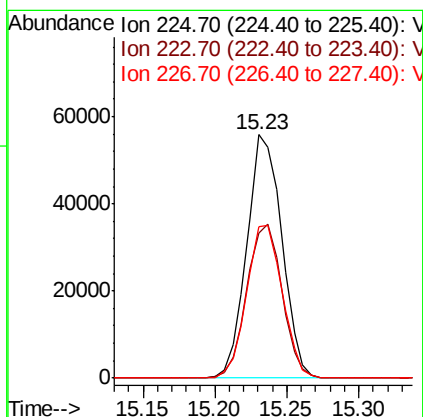
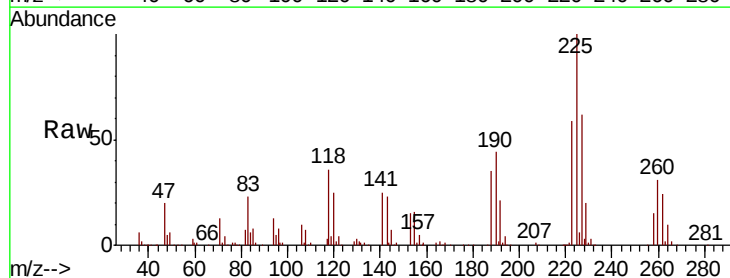
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

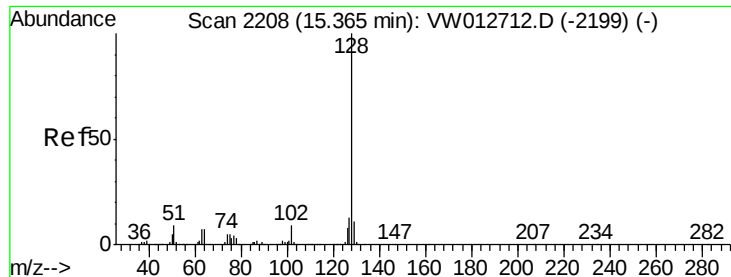
Tgt Ion:180 Resp: 139688
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.7 146.1
 145 29.8 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 56.822 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012906.D
 Acq: 11 Sep 2019 10:04

Tgt Ion:225 Resp: 93881
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.3
 227 63.9 31.4 94.2





#95

Naphthalene

Concen: 48.101 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

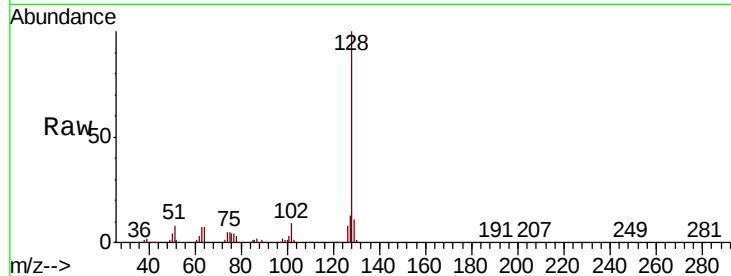
Tgt Ion:128 Resp: 239753

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

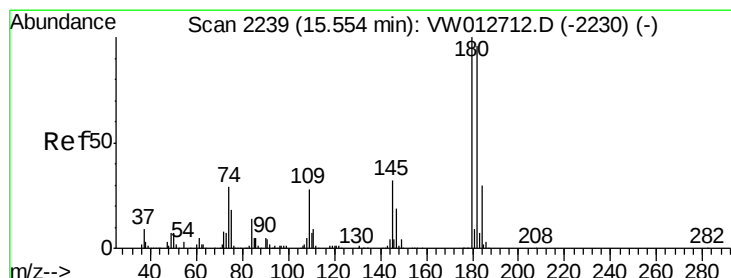
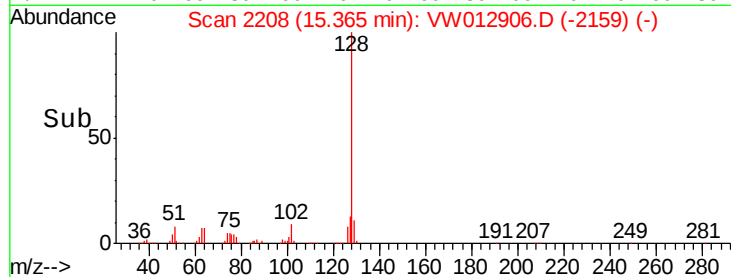
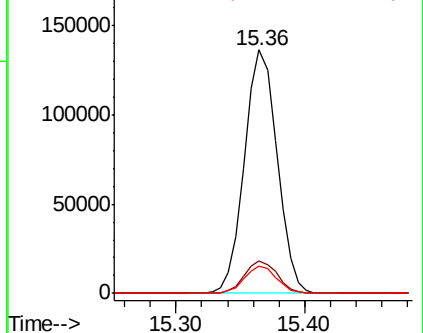
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 58.021 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW012906.D

Acq: 11 Sep 2019 10:04

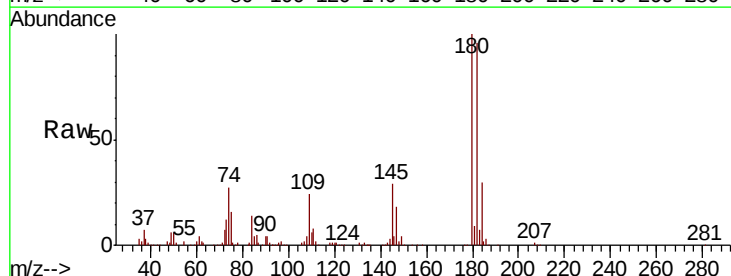
Tgt Ion:180 Resp: 122248

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.3

145 30.6 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

