

Data File : VW011158.D
Acq On : 08 Jul 2019 12:01
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Jul 09 05:49:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 05:44:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138847	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.88	113	109522	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	10.32	98	450863	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	163132	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	82503	49.239	ug/l	100
3) Chloromethane	2.21	50	104304	48.309	ug/l	100
4) Vinyl Chloride	2.36	62	143673	50.841	ug/l	100
5) Bromomethane	2.77	94	72595	51.123	ug/l	100
6) Chloroethane	2.92	64	79693	52.357	ug/l	100
7) Trichlorofluoromethane	3.25	101	51657	51.456	ug/l	100
8) Diethyl Ether	3.68	74	70823	50.986	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124025	51.577	ug/l	100
10) Methyl Iodide	4.27	142	173885	52.576	ug/l	100
11) Tert butyl alcohol	5.17	59	51664	247.187	ug/l	100
12) 1,1-Dichloroethene	4.04	96	128370	51.434	ug/l	100
13) Acrolein	3.89	56	42325	254.309	ug/l	100
14) Allyl chloride	4.66	41	241655	53.096	ug/l	100
15) Acrylonitrile	5.36	53	179829	254.199	ug/l	100
16) Acetone	4.12	43	172819	254.425	ug/l	100
17) Carbon Disulfide	4.38	76	396978	52.465	ug/l	100
18) Methyl Acetate	4.67	43	87273	41.085	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	196563	51.905	ug/l	100
20) Methylene Chloride	4.92	84	135537	50.581	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	134927	52.027	ug/l	100
22) Diisopropyl ether	6.31	45	510774	52.179	ug/l	100
23) Vinyl Acetate	6.25	43	1660637	274.120	ug/l	100
24) 1,1-Dichloroethane	6.21	63	265898	51.728	ug/l	100
25) 2-Butanone	7.16	43	269060	252.343	ug/l	100
26) 2,2-Dichloropropane	7.16	77	139133	52.071	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	144928	51.806	ug/l	100
28) Bromochloromethane	7.51	49	116555	49.868	ug/l	100
29) Tetrahydrofuran	7.52	42	175717	251.330	ug/l	100
30) Chloroform	7.67	83	240531	50.527	ug/l	100
31) Cyclohexane	7.95	56	271217	49.596	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	189668	52.377	ug/l	100
36) 1,1-Dichloropropene	8.08	75	204491	51.874	ug/l	100
37) Ethyl Acetate	7.25	43	119879	50.614	ug/l	100
38) Carbon Tetrachloride	8.07	117	174161	52.116	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254771	53.322	ug/l	100
40) Benzene	8.32	78	567134	52.057	ug/l	100
41) Methacrylonitrile	7.48	41	65417	48.291	ug/l	100
42) 1,2-Dichloroethane	8.40	62	180632	51.111	ug/l	100
43) Isopropyl Acetate	8.42	43	229303	51.279	ug/l	100
44) Trichloroethene	9.09	130	134640	51.357	ug/l	100
45) 1,2-Dichloropropane	9.37	63	153112	51.899	ug/l	100
46) Dibromomethane	9.46	93	70971	51.212	ug/l	100
47) Bromodichloromethane	9.64	83	184302	51.976	ug/l	100
48) Methyl methacrylate	9.43	41	112124	52.118	ug/l	100
49) 1,4-Dioxane	9.45	88	23776	1027.834	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	594500	254.505	ug/l	100
52) Toluene	10.38	92	347120	52.525	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	197448	52.312	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	232181	52.262	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	99901	50.813	ug/l	100
56) Ethyl methacrylate	10.65	69	154558	51.636	ug/l	100
57) 1,3-Dichloropropane	10.93	76	190739	51.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	343541	247.567	ug/l	100
59) 2-Hexanone	10.97	43	414728	256.012	ug/l	100
60) Dibromochloromethane	11.13	129	111921	51.914	ug/l	100
61) 1,2-Dibromoethane	11.23	107	95213	51.127	ug/l	100
64) Tetrachloroethene	10.86	164	112627	51.228	ug/l	100
65) Chlorobenzene	11.66	112	343419	51.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121322	52.016	ug/l	100
67) Ethyl Benzene	11.73	91	670527	52.876	ug/l	100
68) m/p-Xylenes	11.84	106	484315	105.549	ug/l	100
69) o-Xylene	12.16	106	227302	52.558	ug/l	100
70) Styrene	12.18	104	396073	53.066	ug/l	100
71) Bromoform	12.35	173	63875	51.508	ug/l #	100
73) Isopropylbenzene	12.46	105	631146	53.066	ug/l	100
74) N-amyl acetate	12.27	43	213947	51.650	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	123685	50.732	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	165097	89.550	ug/l #	100
77) Bromobenzene	12.75	156	137130	51.376	ug/l	100
78) n-propylbenzene	12.80	91	775047	52.900	ug/l	100
79) 2-Chlorotoluene	12.90	91	440426	52.239	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	533956	52.845	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41816	51.440	ug/l	100
82) 4-Chlorotoluene	12.99	91	455086	51.824	ug/l	100
83) tert-Butylbenzene	13.21	119	446098	52.938	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	532647	52.499	ug/l	100
85) sec-Butylbenzene	13.38	105	646551	53.173	ug/l	100
86) p-Isopropyltoluene	13.50	119	581777	53.344	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	265339	51.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	268220	51.868	ug/l	100
89) n-Butylbenzene	13.82	91	586639	53.921	ug/l	100
90) Hexachloroethane	14.10	117	105191	52.782	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	240958	51.720	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21809	50.432	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070819\
Quantitation Report (Not Reviewed)

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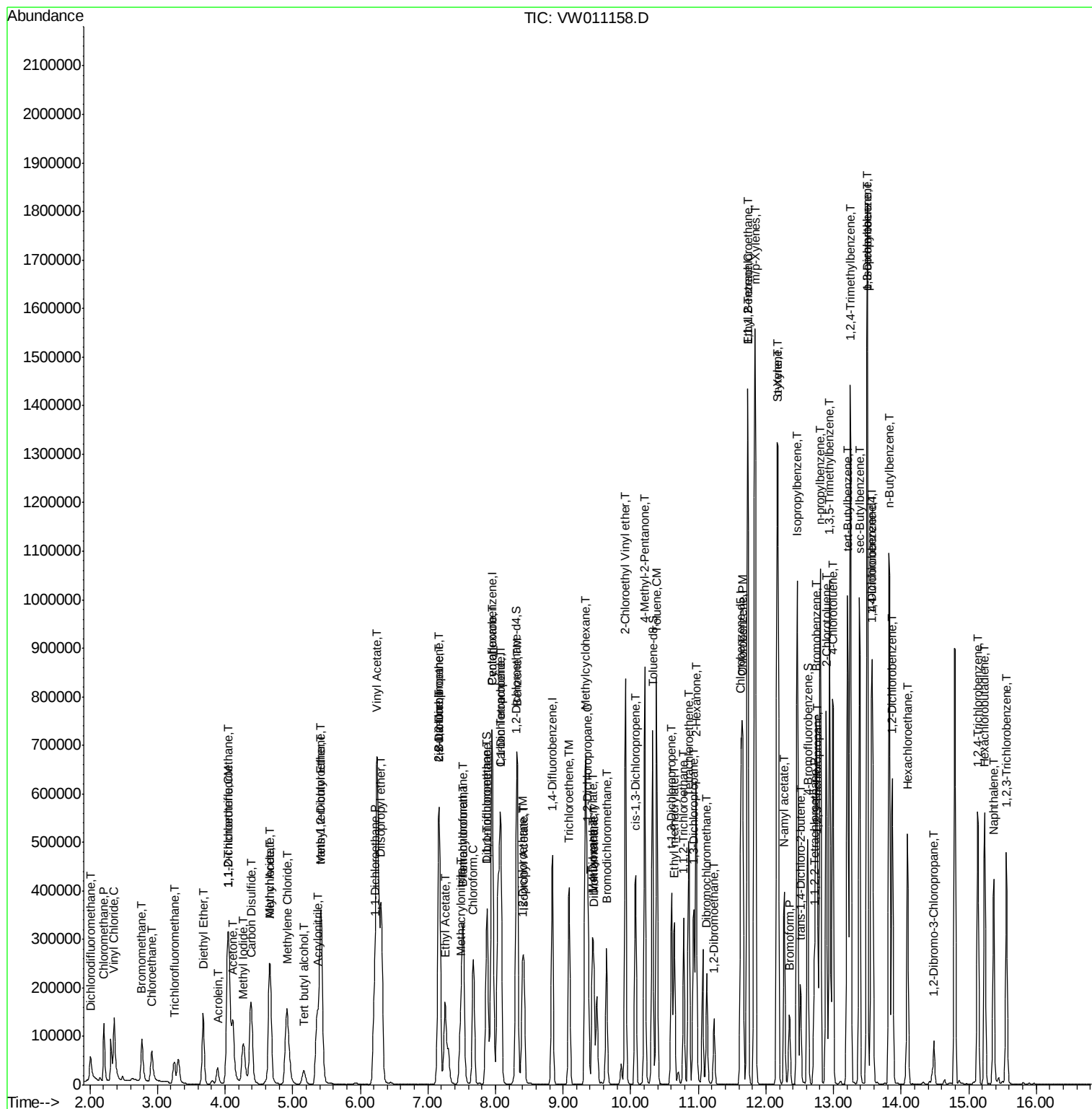
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	170920	53.264	ug/l	100
94) Hexachlorobutadiene	15.24	225	105970	53.790	ug/l	100
95) Naphthalene	15.37	128	339559	55.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154545	54.570	ug/l	100

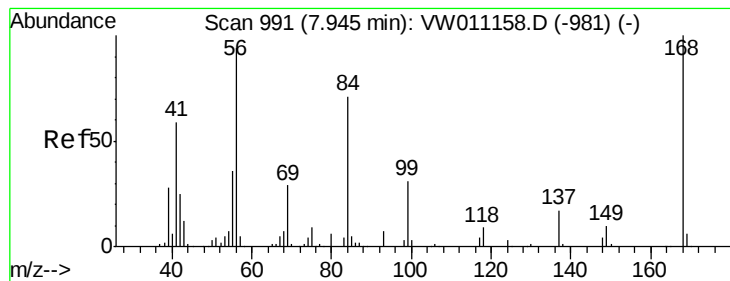
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

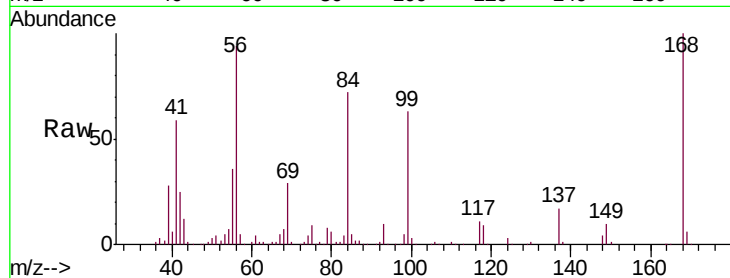
VSTDICCC050

Tgt Ion:168 Resp: 224667

Ion Ratio Lower Upper

168 100

99 62.6 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

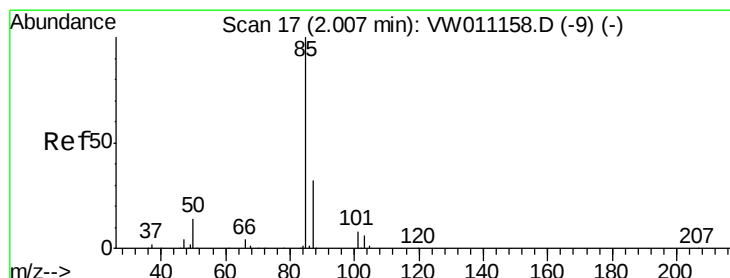
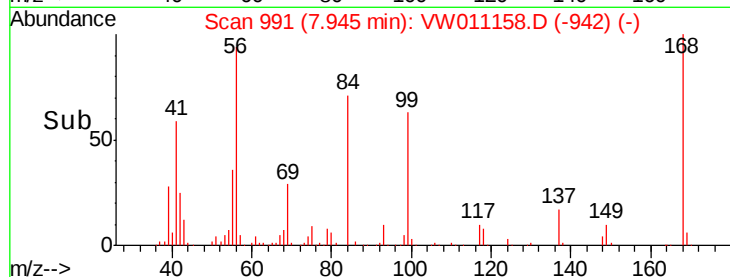
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 49.239 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011158.D

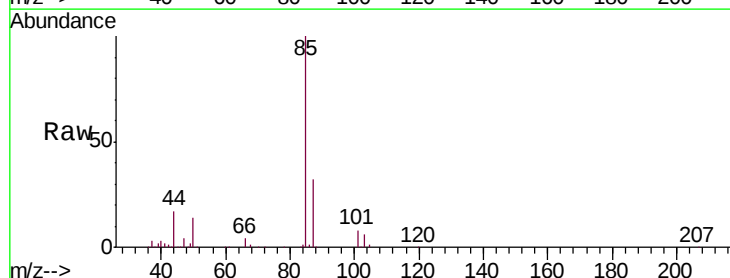
Acq: 08 Jul 2019 12:01

Tgt Ion: 85 Resp: 82503

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

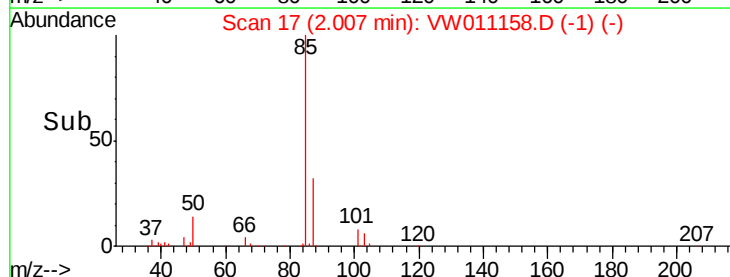
30000

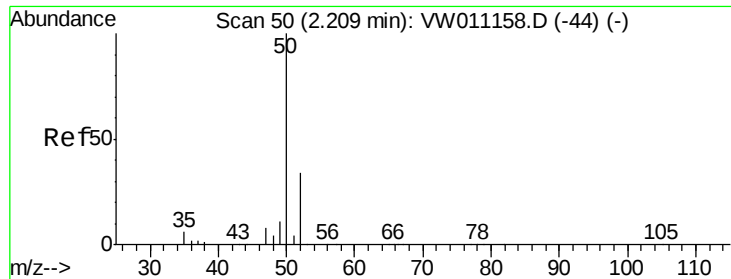
20000

10000

0

Time--> 1.90 2.00 2.10 2.20

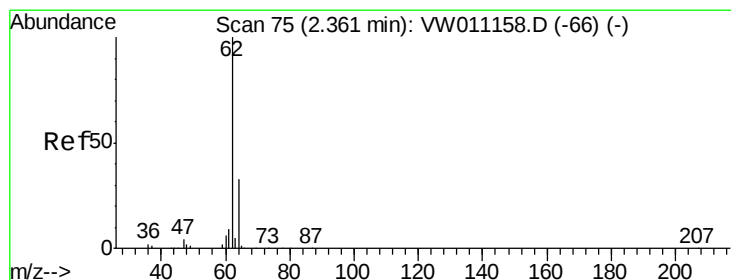
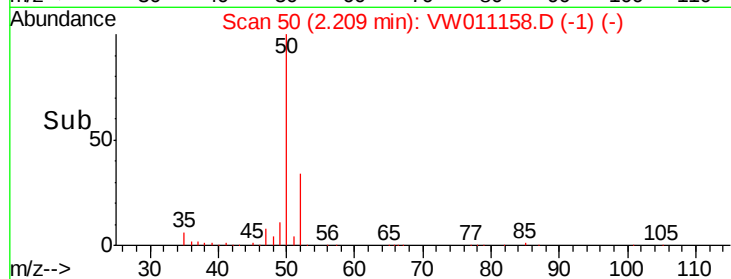
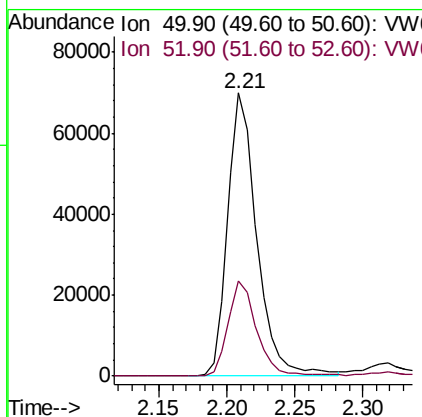
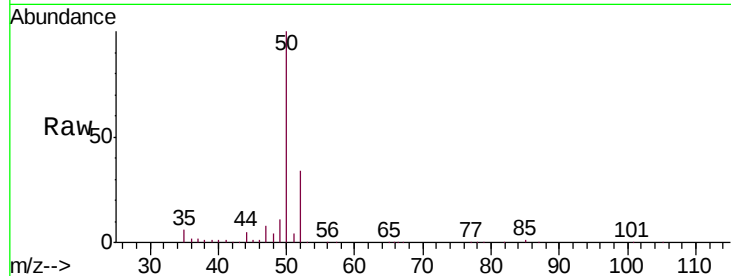




#3
Chloromethane
Concen: 48.309 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

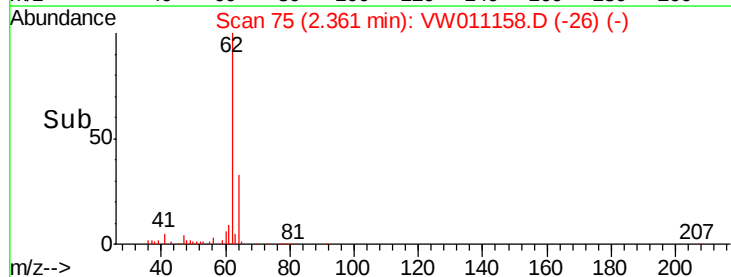
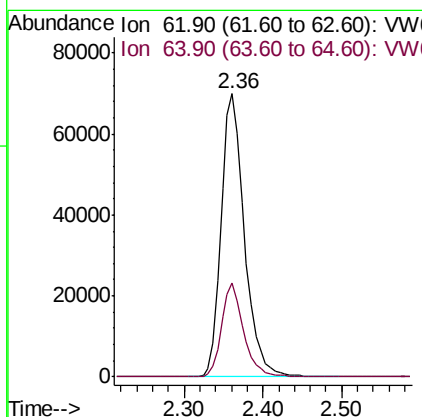
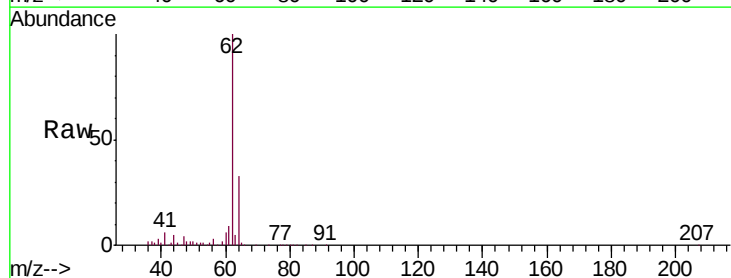
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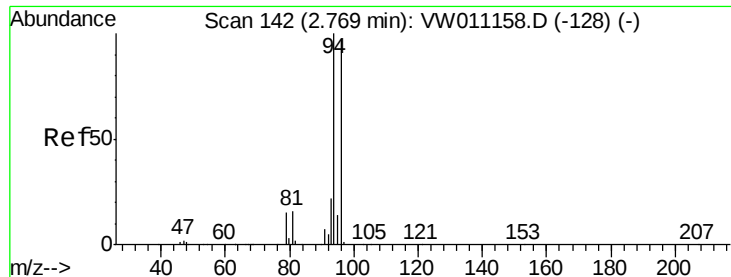
Tgt Ion: 50 Resp: 104304
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 50.841 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 62 Resp: 143673
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0





#5

Bromomethane

Concen: 51.123 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

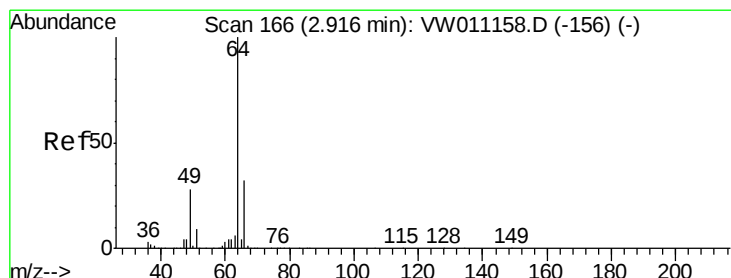
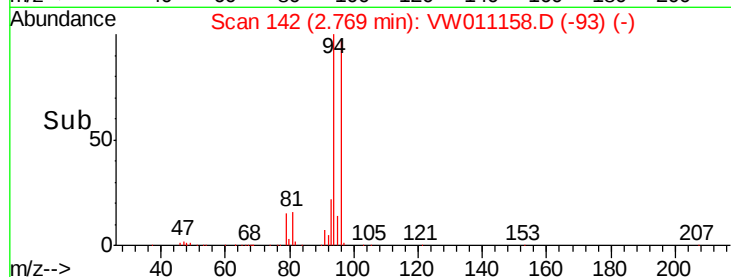
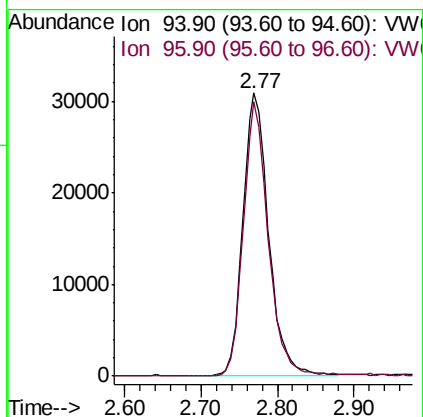
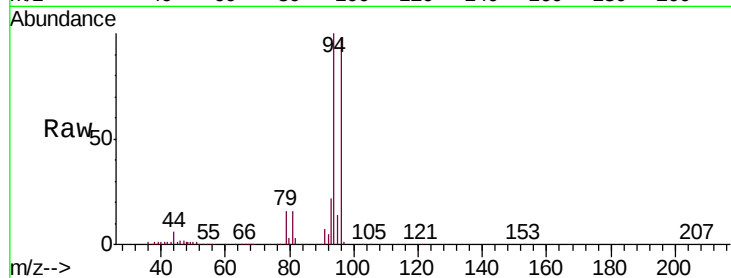
VSTDICCC050

Tgt Ion: 94 Resp: 72595

Ion Ratio Lower Upper

94 100

96 96.7 77.4 116.0



#6

Chloroethane

Concen: 52.357 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011158.D

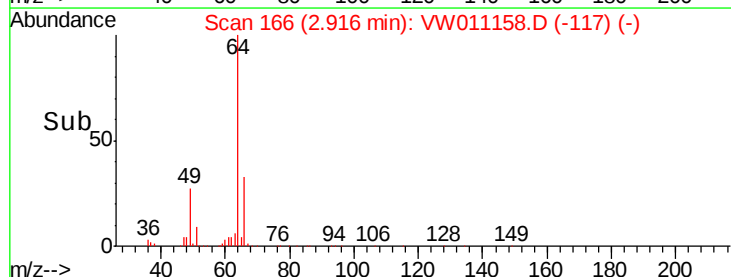
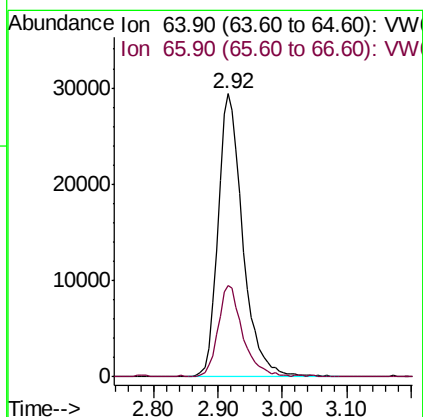
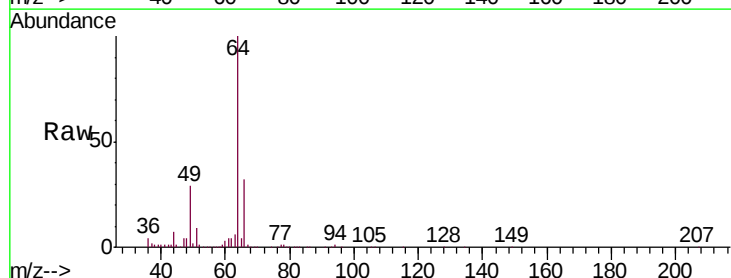
Acq: 08 Jul 2019 12:01

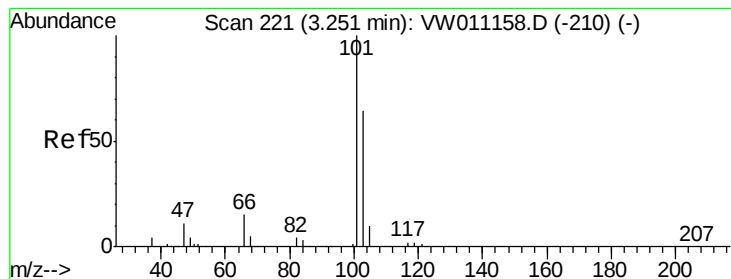
Tgt Ion: 64 Resp: 79693

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



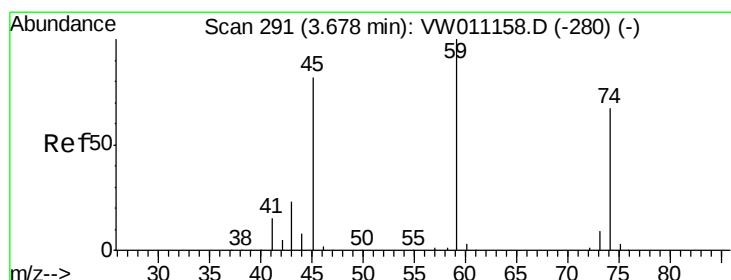
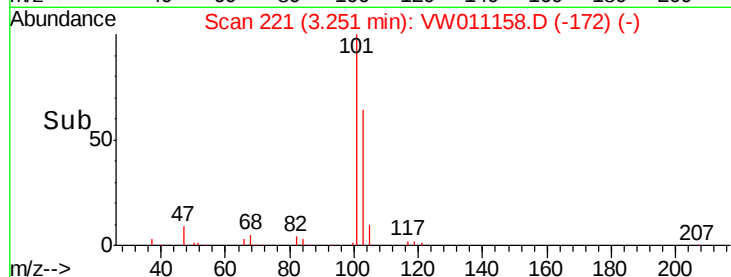
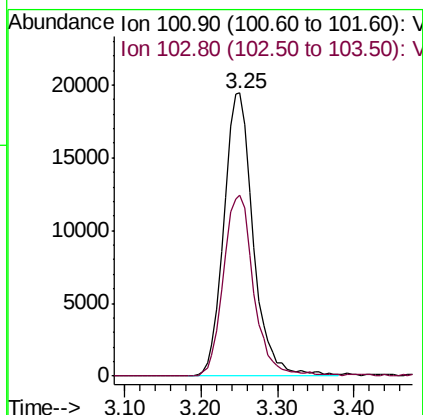
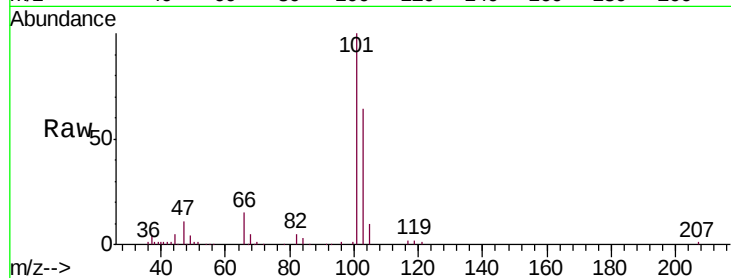


#7

Trichlorofluoromethane
 Concen: 51.456 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
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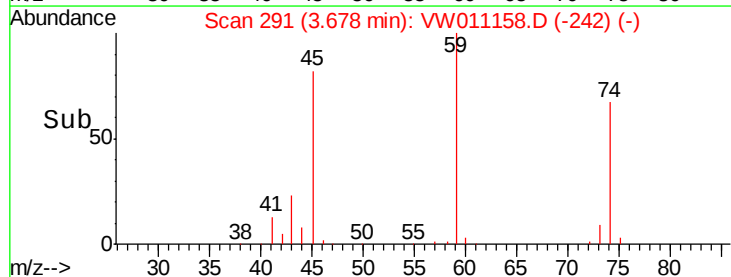
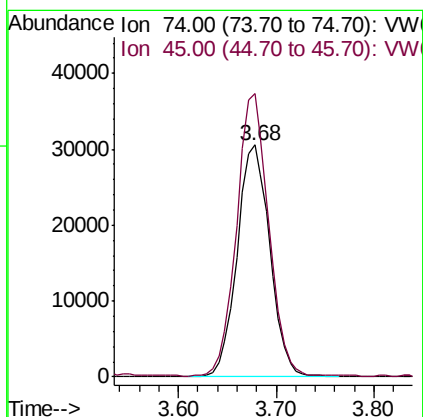
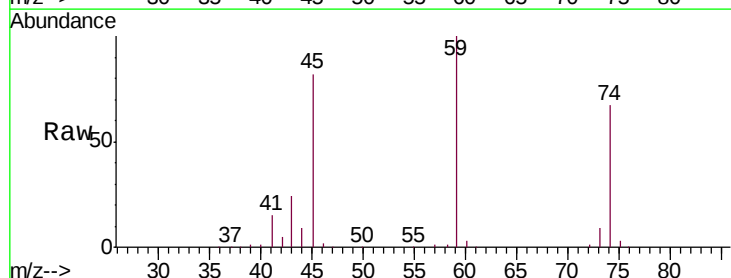
Tgt Ion:101 Resp: 51657
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9

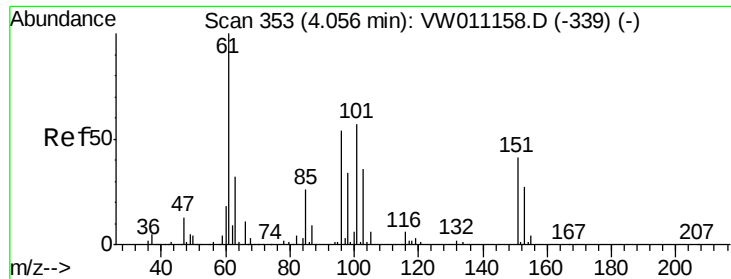


#8

Diethyl Ether
 Concen: 50.986 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 74 Resp: 70823
 Ion Ratio Lower Upper
 74 100
 45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.577 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

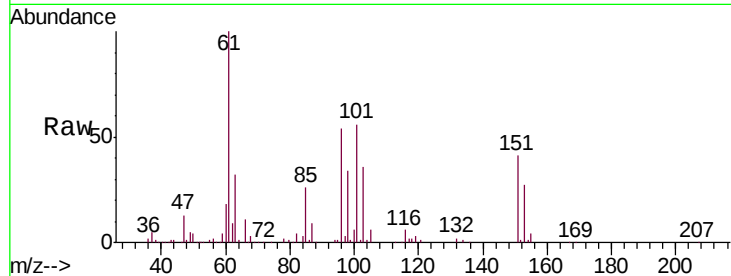
Tgt Ion:101 Resp: 124025

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

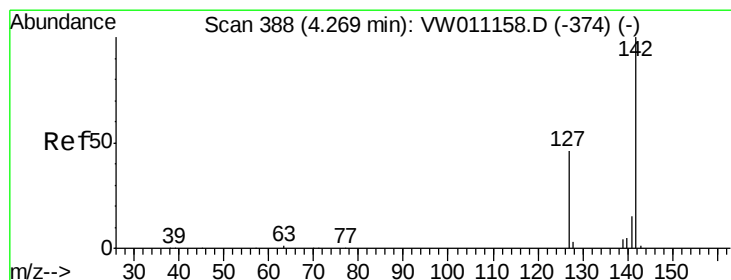
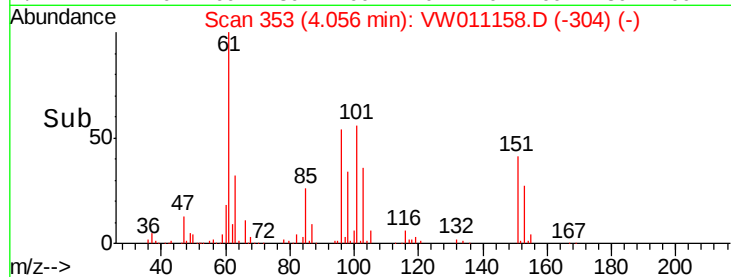
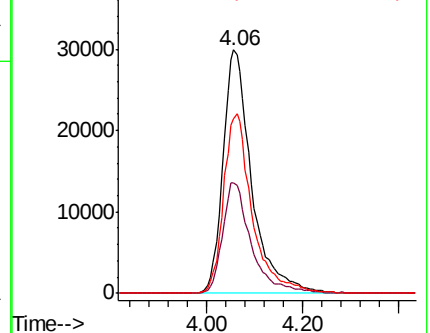
151 73.9 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.576 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

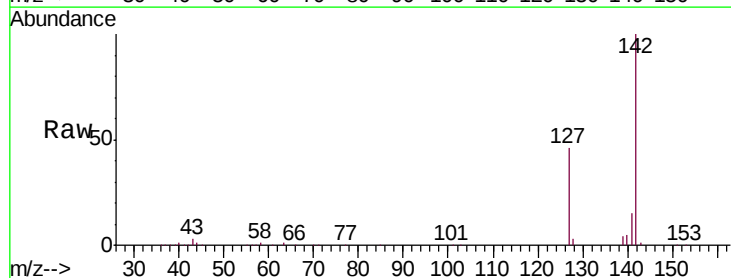
Tgt Ion:142 Resp: 173885

Ion Ratio Lower Upper

142 100

127 44.6 35.7 53.5

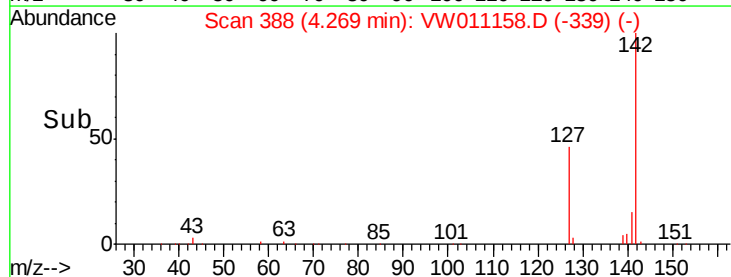
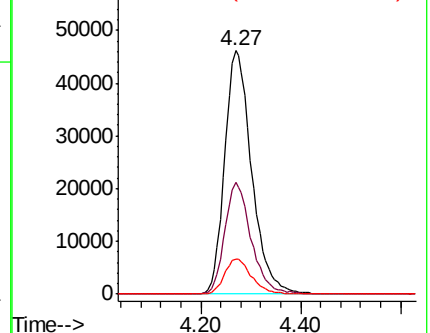
141 14.4 11.5 17.3

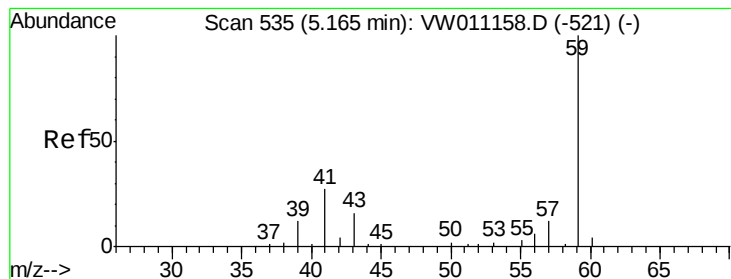


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



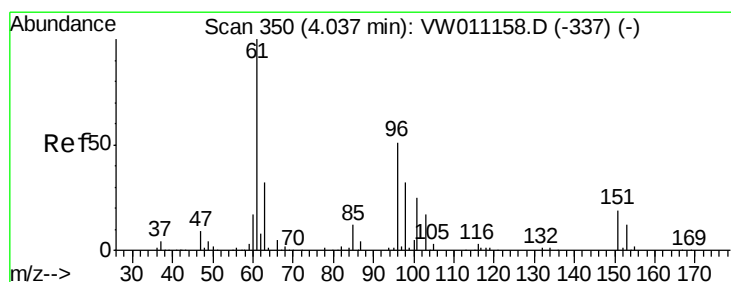
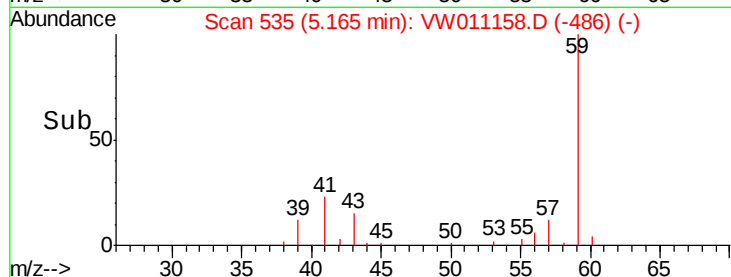
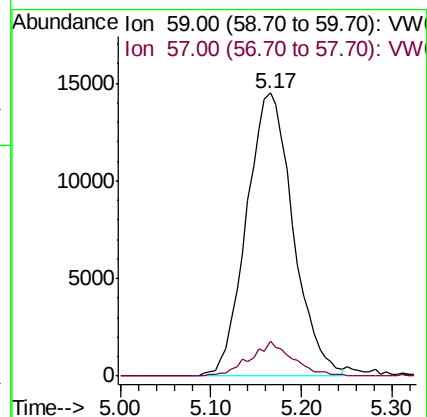
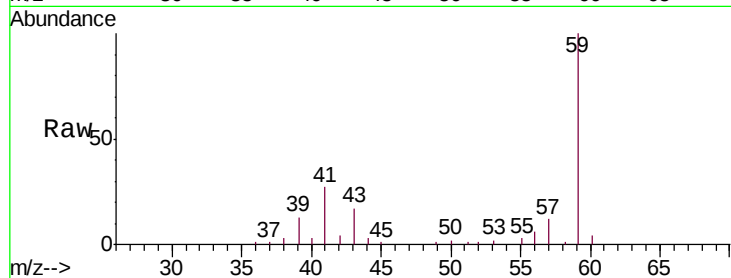


#11

Tert butyl alcohol
 Concen: 247.187 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

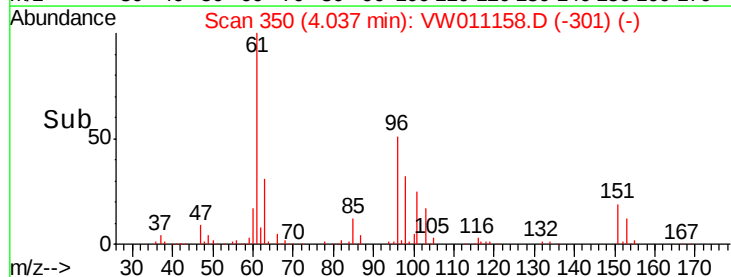
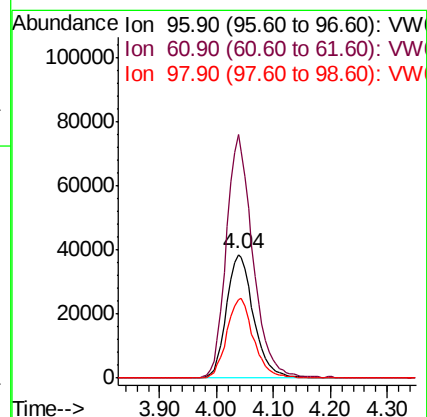
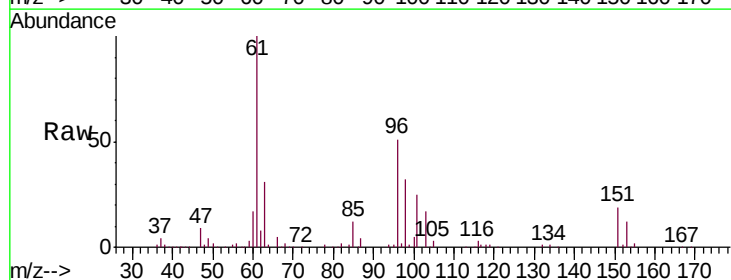
Tgt Ion: 59 Resp: 51664
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.6

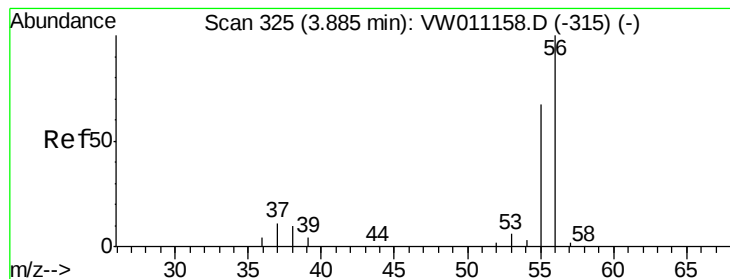


#12

1,1-Dichloroethene
 Concen: 51.434 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 96 Resp: 128370
 Ion Ratio Lower Upper
 96 100
 61 197.1 157.7 236.5
 98 63.6 50.9 76.3





#13

Acrolein

Concen: 254.309 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

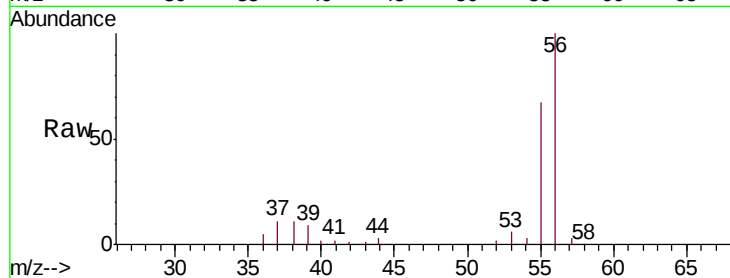
VSTDICCC050

Tgt Ion: 56 Resp: 42325

Ion Ratio Lower Upper

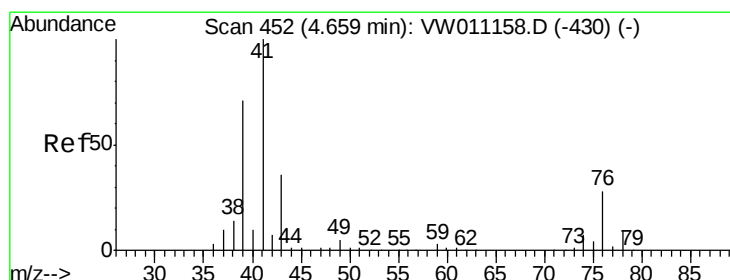
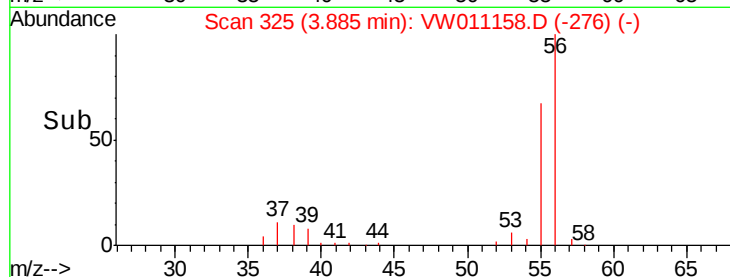
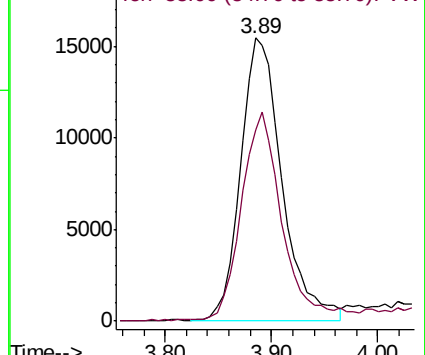
56 100

55 70.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 53.096 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

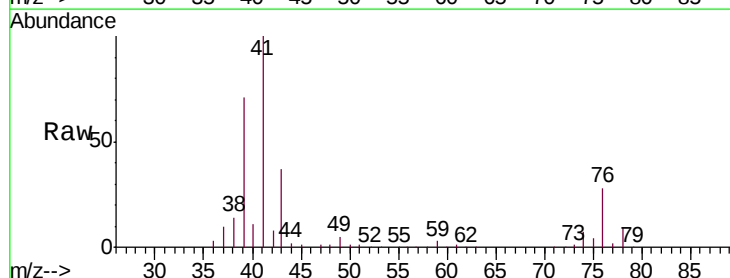
Tgt Ion: 41 Resp: 241655

Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

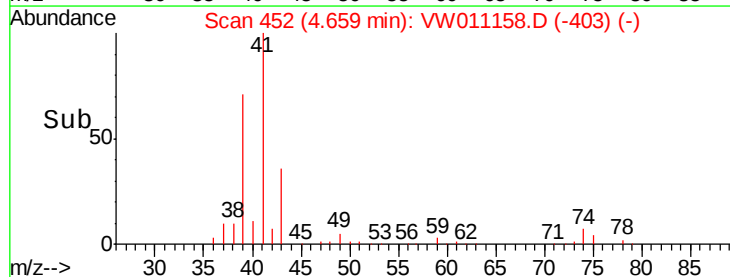
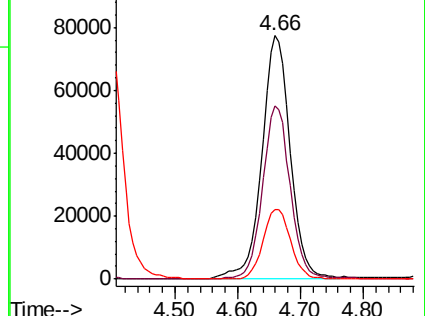
76 28.1 22.5 33.7

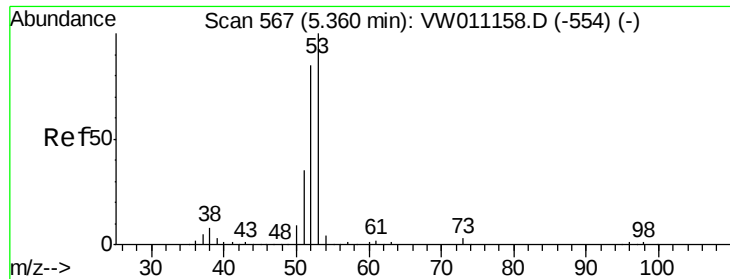


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 254.199 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

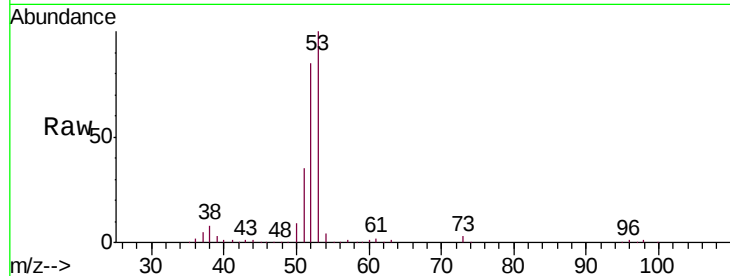
Tgt Ion: 53 Resp: 179829

Ion Ratio Lower Upper

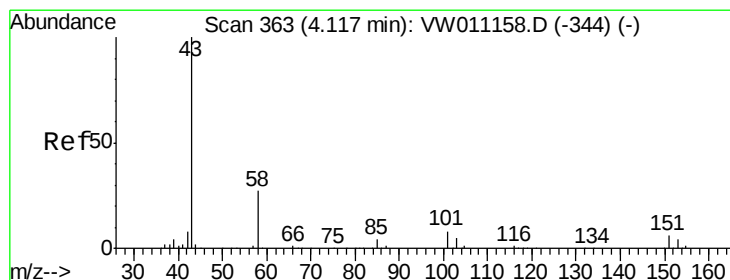
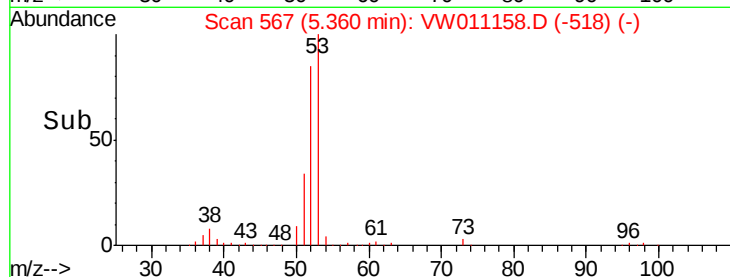
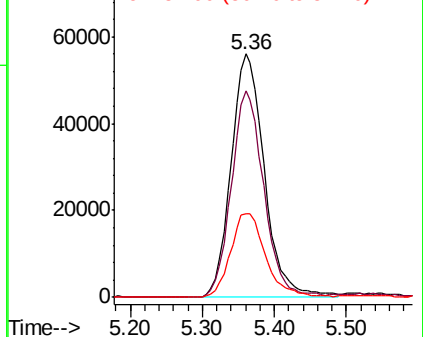
53 100

52 82.8 66.2 99.4

51 36.4 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 254.425 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011158.D

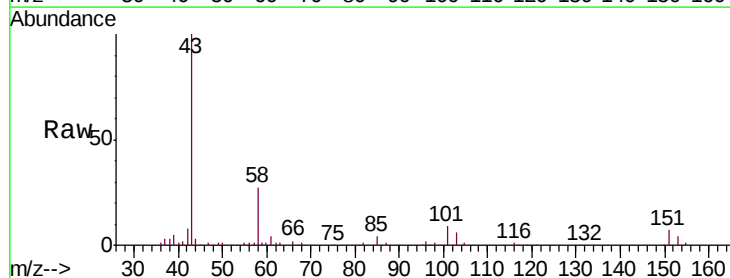
Acq: 08 Jul 2019 12:01

Tgt Ion: 43 Resp: 172819

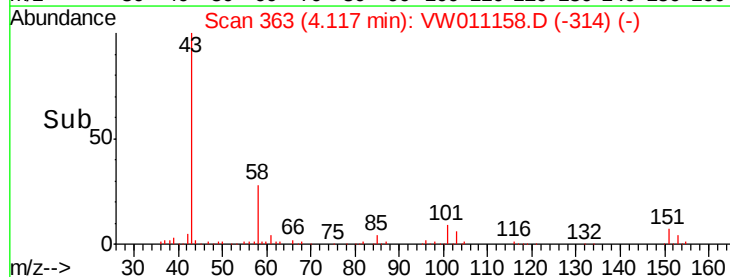
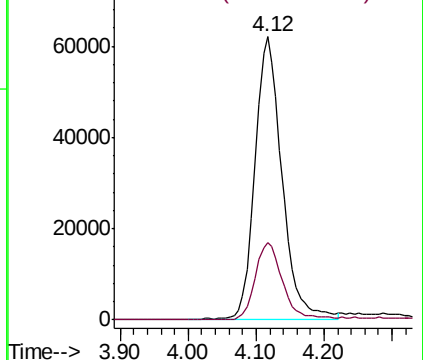
Ion Ratio Lower Upper

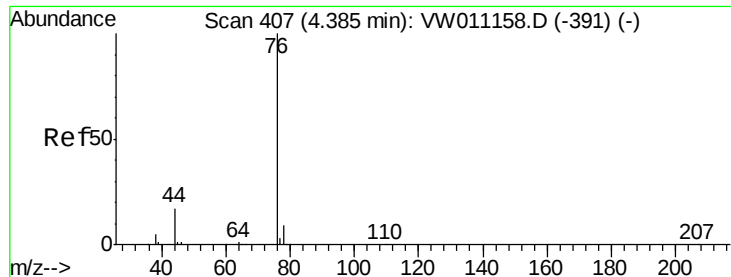
43 100

58 27.2 21.8 32.6



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

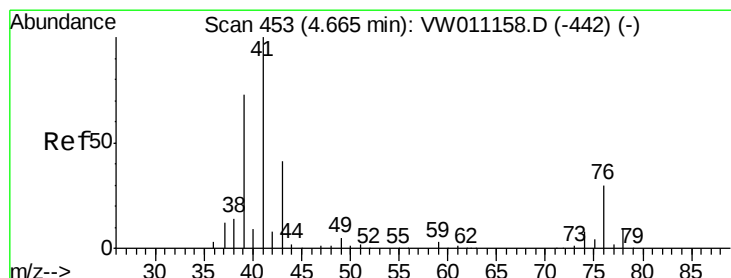
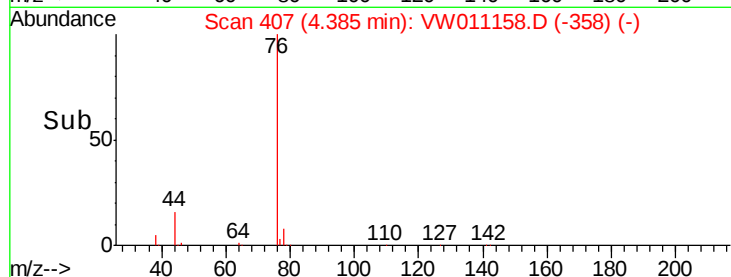
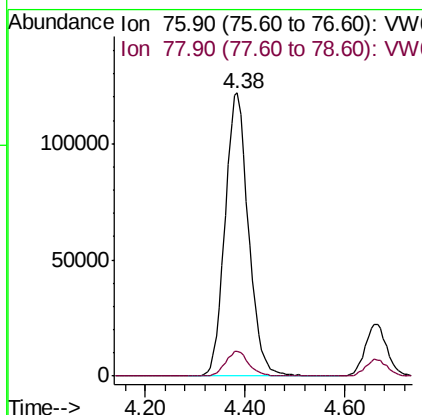
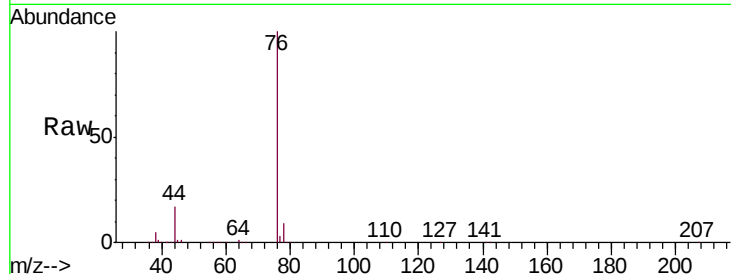




#17
Carbon Disulfide
Concen: 52.465 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

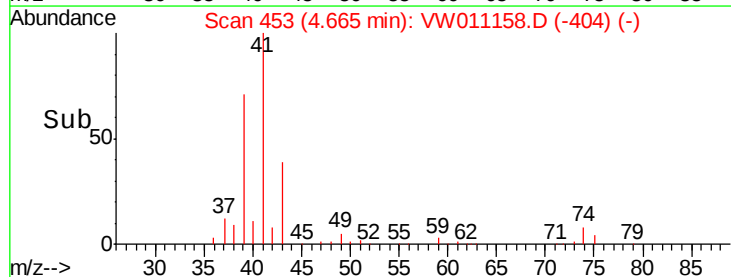
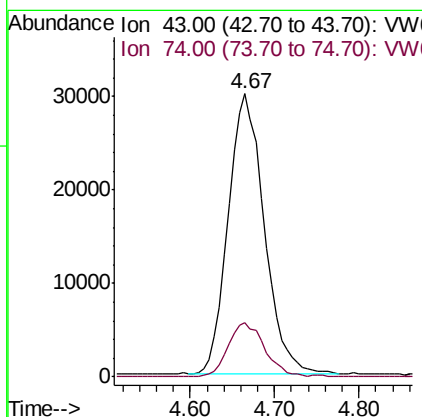
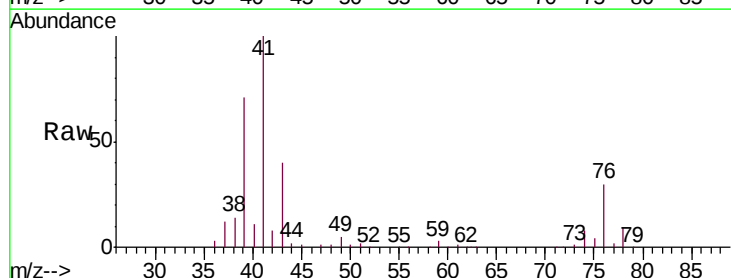
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

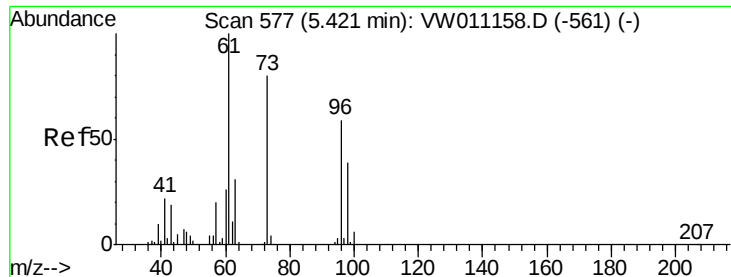
Tgt Ion: 76 Resp: 396978
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 41.085 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 43 Resp: 87273
Ion Ratio Lower Upper
43 100
74 19.6 15.7 23.5

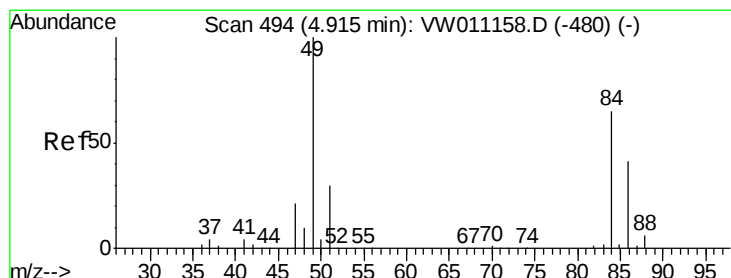
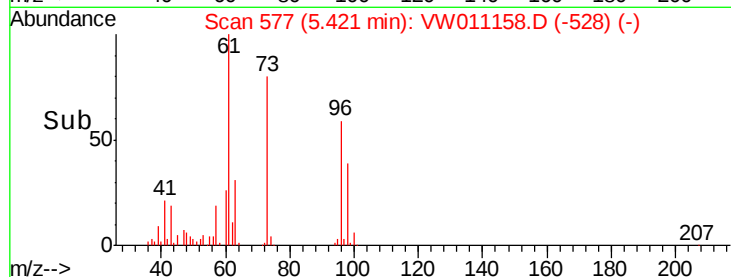
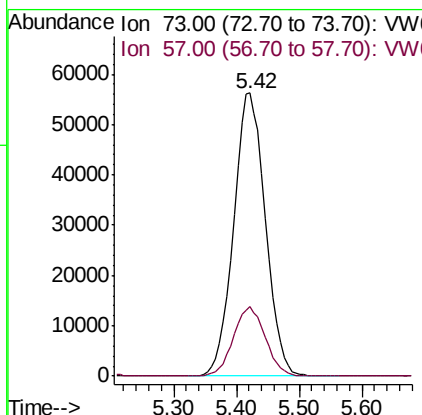
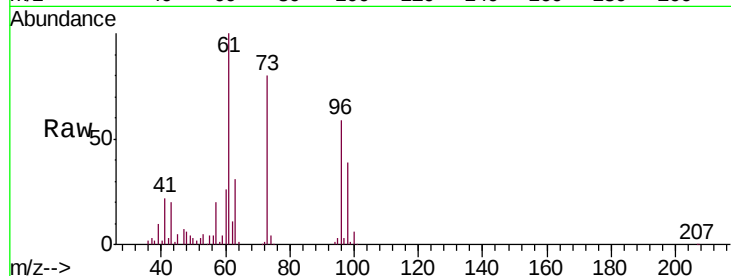




#19
Methyl tert-butyl Ether
Concen: 51.905 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

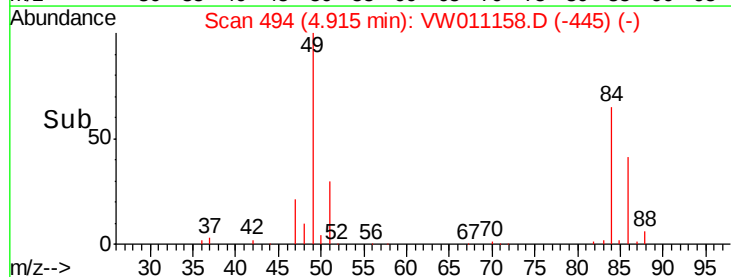
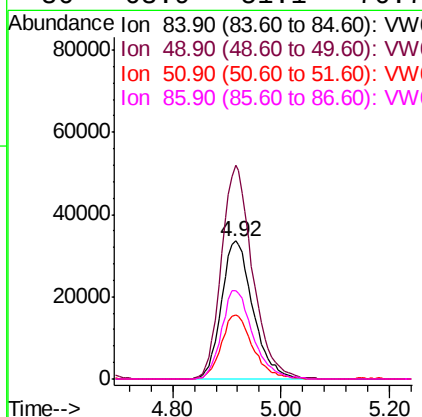
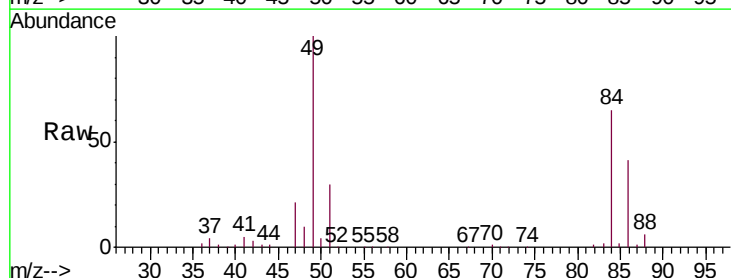
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

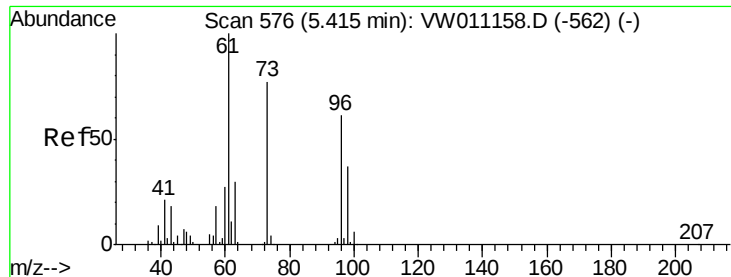
Tgt Ion: 73 Resp: 196563
Ion Ratio Lower Upper
73 100
57 24.6 19.7 29.5



#20
Methylene Chloride
Concen: 50.581 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 84 Resp: 135537
Ion Ratio Lower Upper
84 100
49 154.7 123.8 185.6
51 46.8 37.4 56.2
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 52.027 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

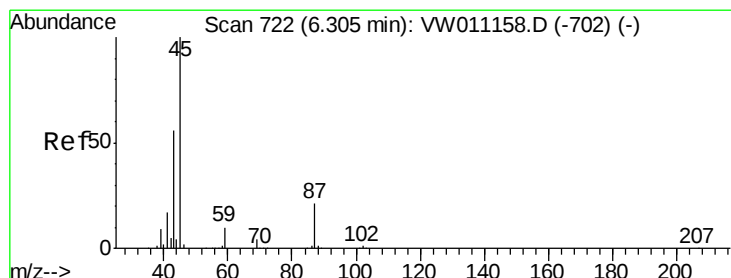
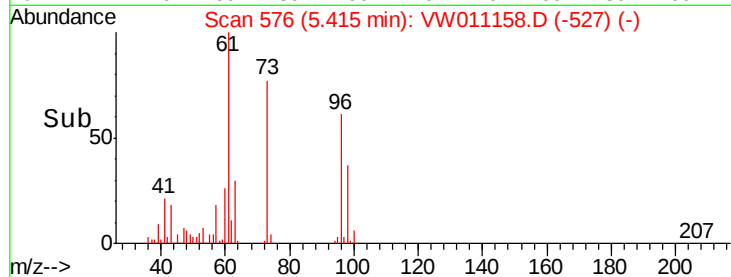
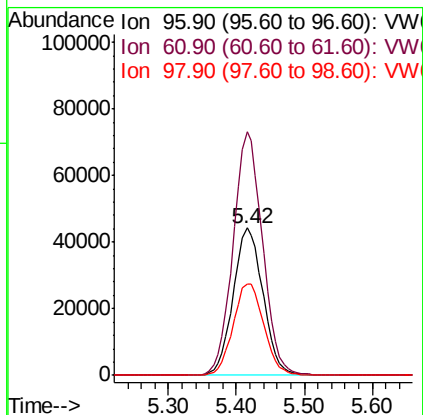
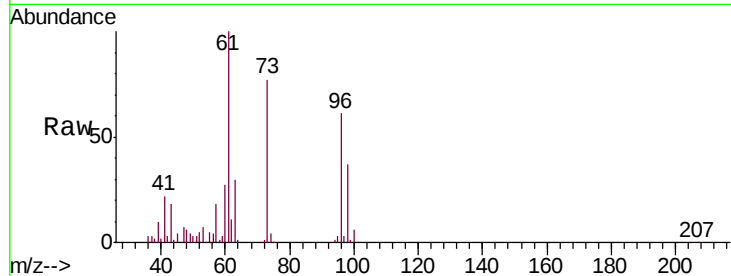
Tgt Ion: 96 Resp: 134927

Ion Ratio Lower Upper

96 100

61 165.2 132.2 198.2

98 61.7 49.4 74.0



#22

Diisopropyl ether

Concen: 52.179 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Tgt Ion: 45 Resp: 510774

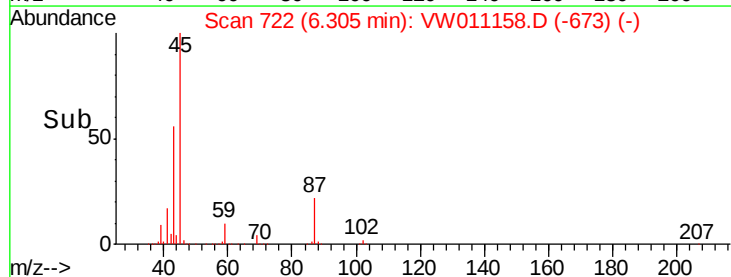
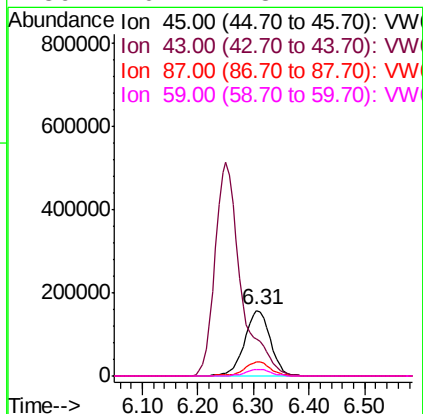
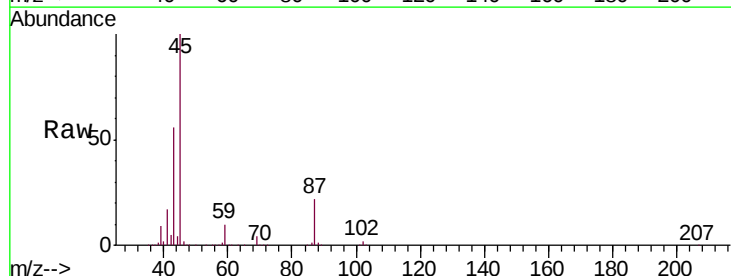
Ion Ratio Lower Upper

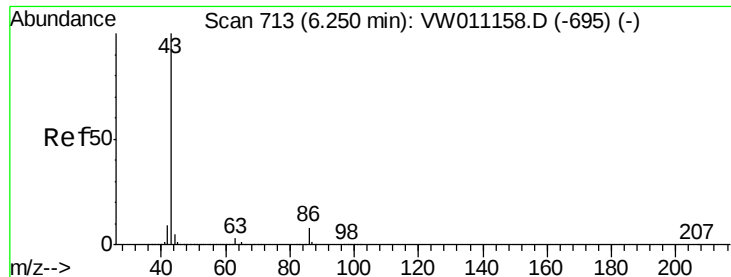
45 100

43 55.7 44.6 66.8

87 21.6 17.3 25.9

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 274.120 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

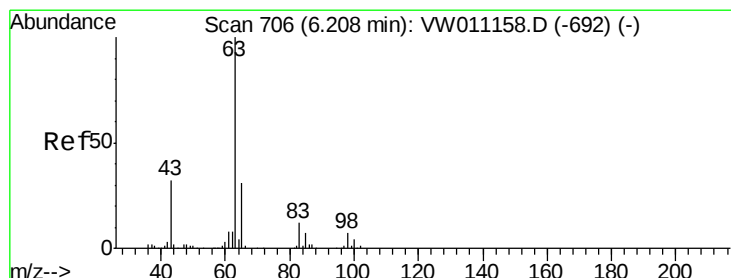
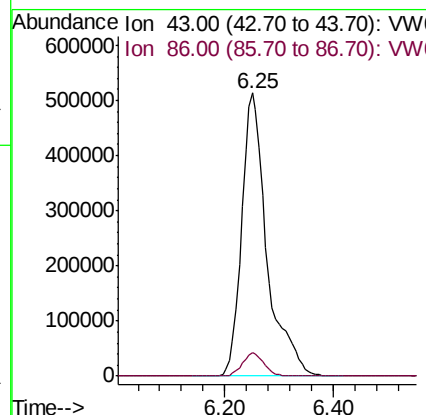
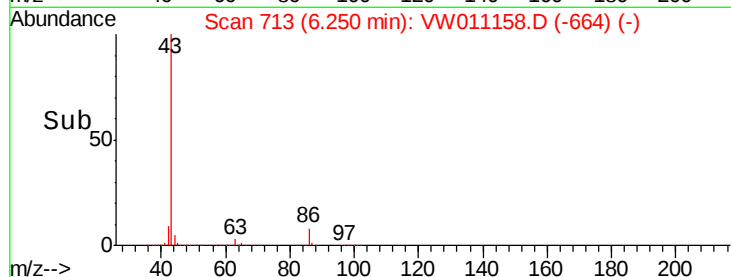
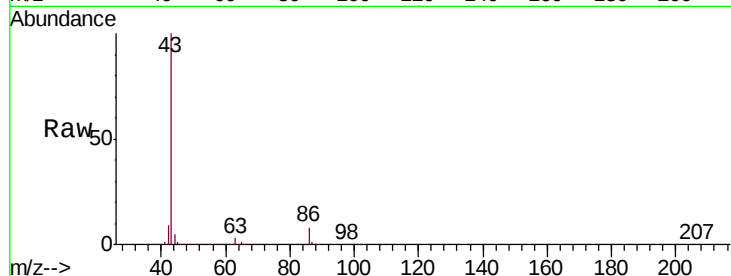
VSTDICCC050

Tgt Ion: 43 Resp: 1660637

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 51.728 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

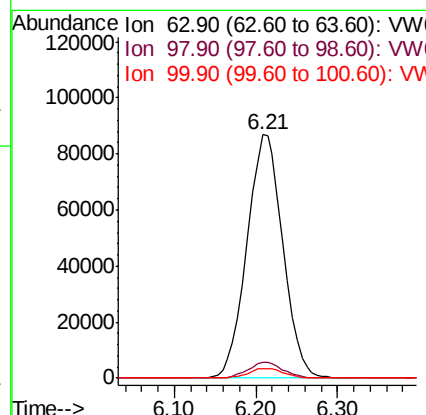
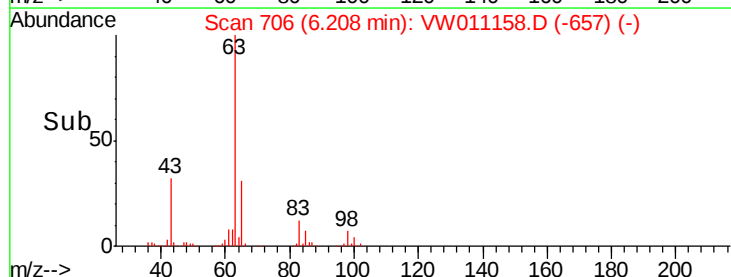
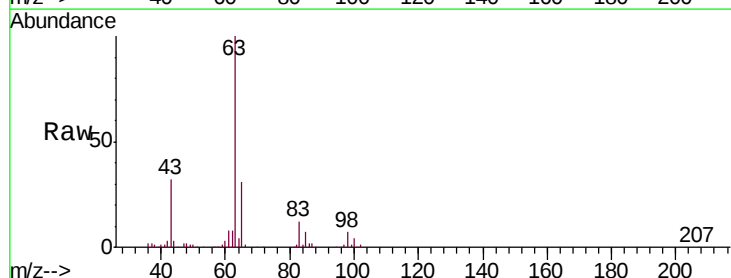
Tgt Ion: 63 Resp: 265898

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 252.343 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

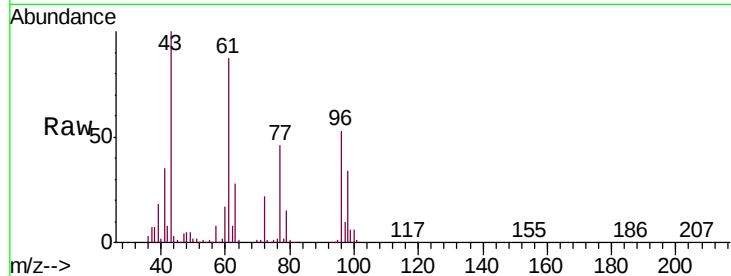
VSTDICCC050

Tgt Ion: 43 Resp: 269060

Ion Ratio Lower Upper

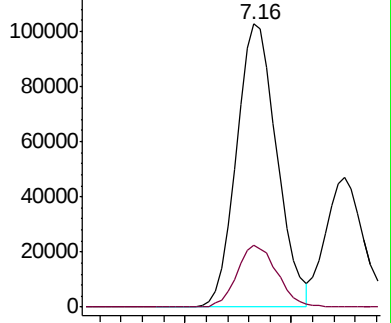
43 100

72 22.0 17.6 26.4

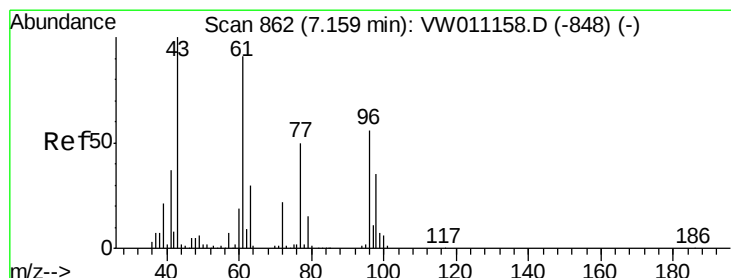
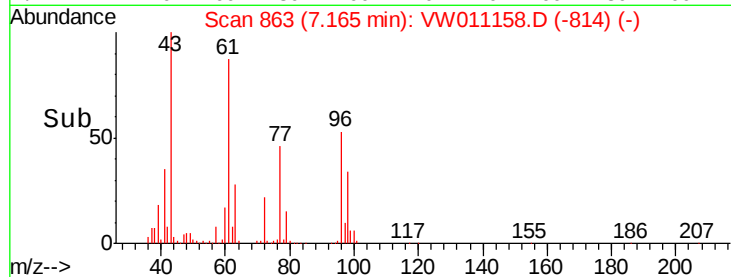


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 52.071 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011158.D

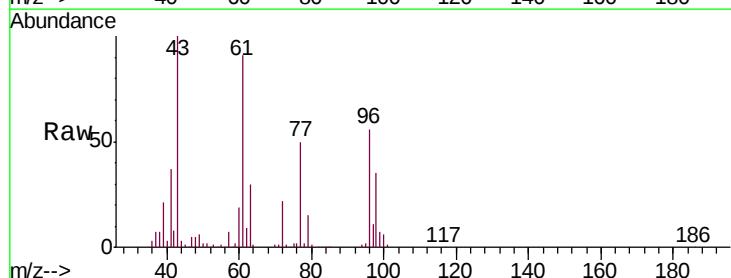
Acq: 08 Jul 2019 12:01

Tgt Ion: 77 Resp: 139133

Ion Ratio Lower Upper

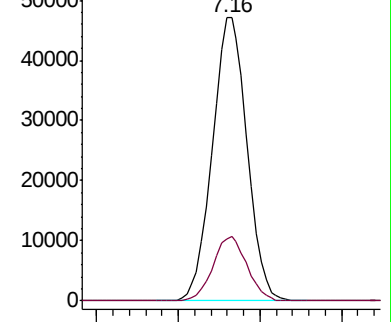
77 100

97 22.3 11.2 33.5

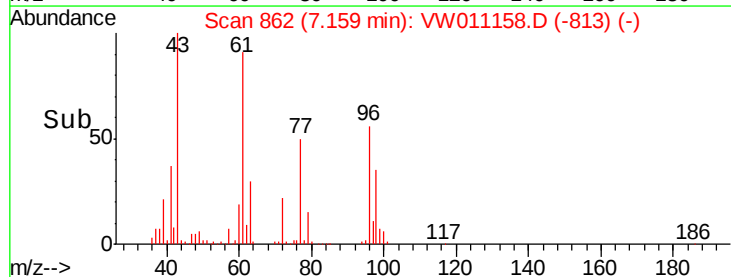


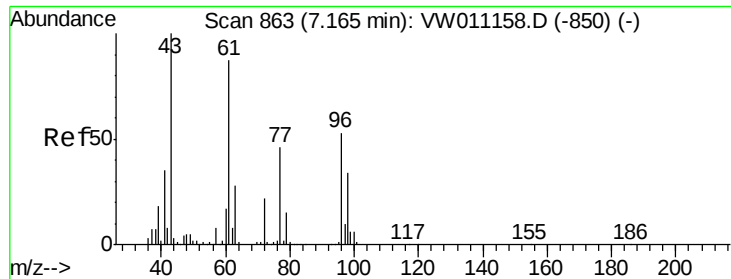
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->



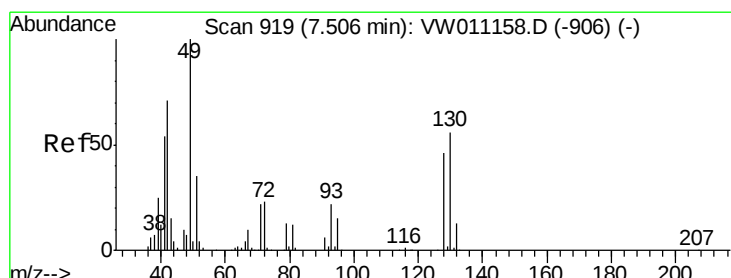
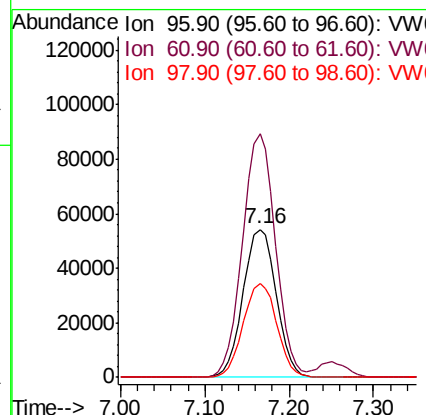
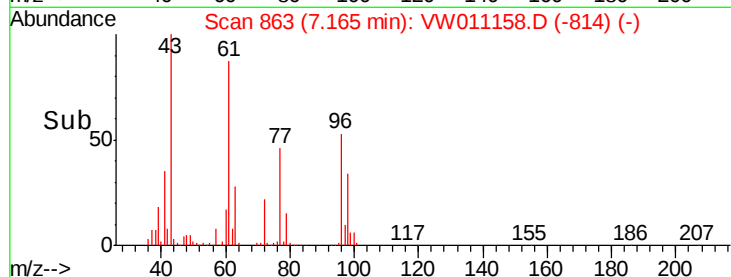
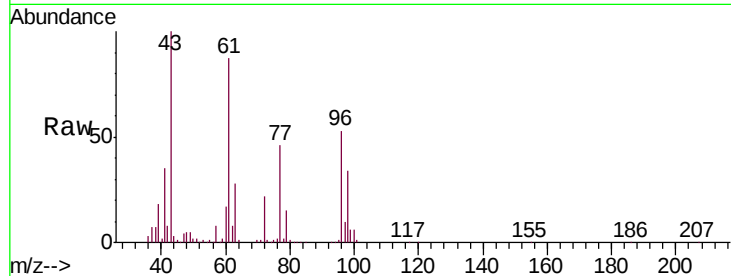


#27

cis-1,2-Dichloroethene
 Concen: 51.806 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

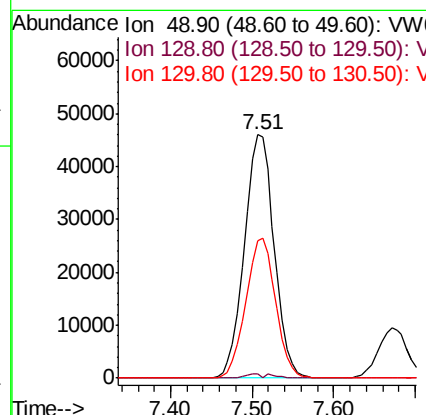
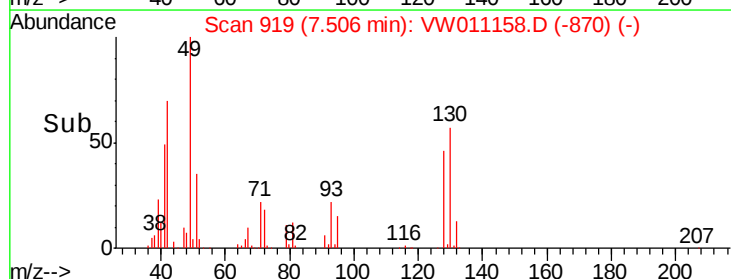
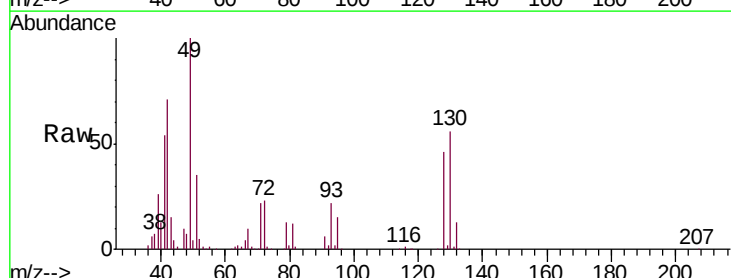
Tgt Ion	Resp	Lower	Upper
96	144928		
61	162.8	0.0	325.6
98	64.1	0.0	128.2

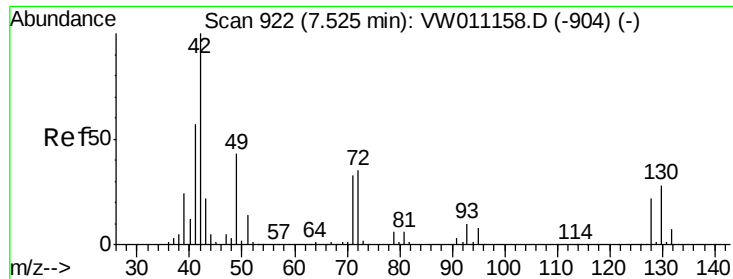


#28

Bromochloromethane
 Concen: 49.868 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion	Resp	Lower	Upper
49	116555		
129	0.7	0.0	1.4
130	57.3	45.8	68.8

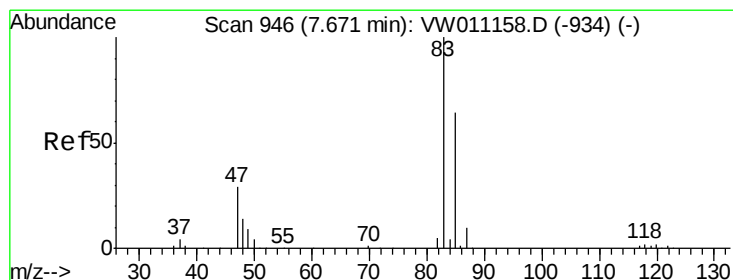
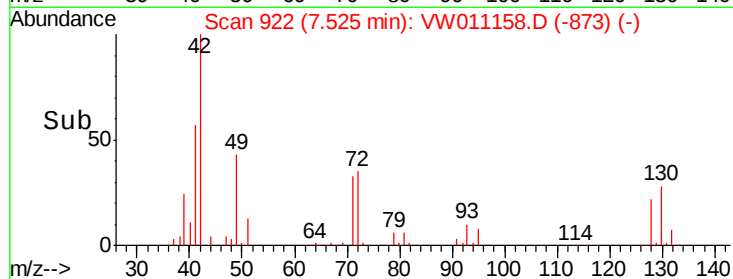
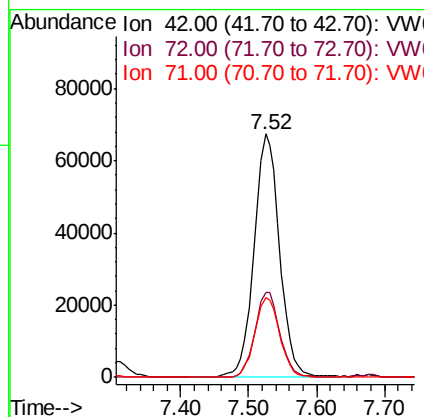
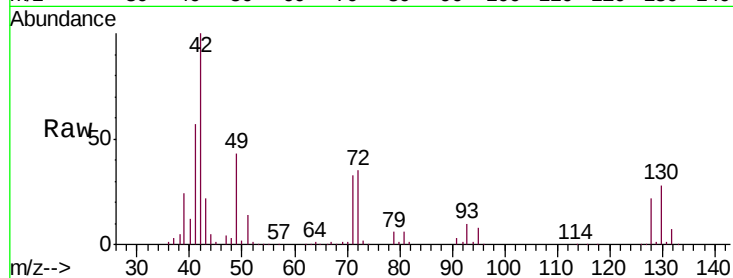




#29
Tetrahydrofuran
Concen: 251.330 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

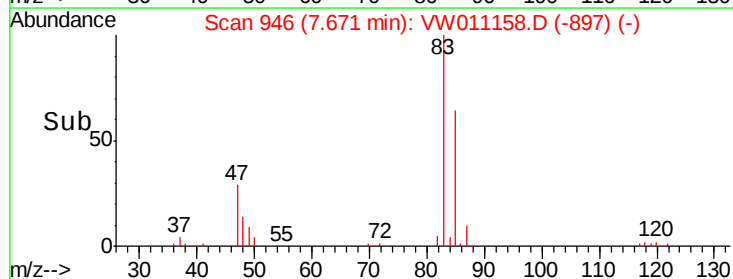
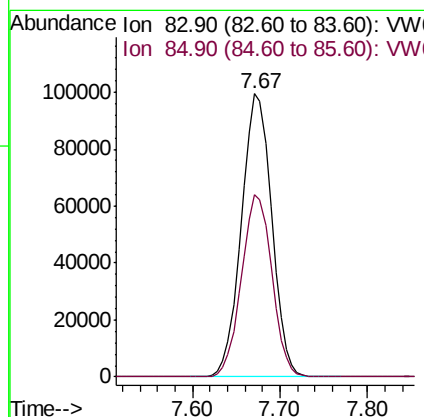
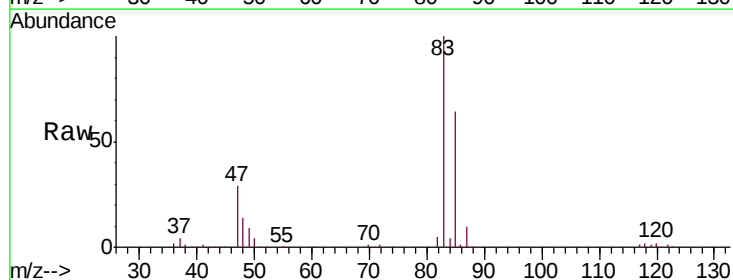
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

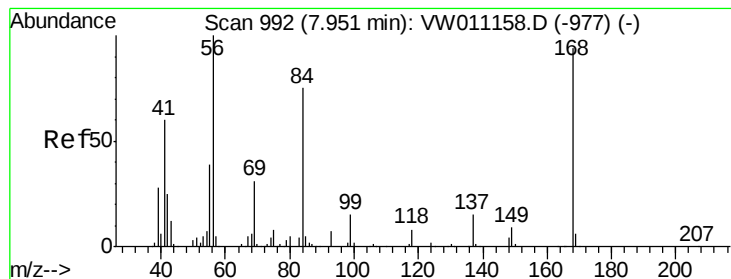
Tgt Ion: 42 Resp: 175717
Ion Ratio Lower Upper
42 100
72 34.3 27.4 41.2
71 32.4 25.9 38.9



#30
Chloroform
Concen: 50.527 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 83 Resp: 240531
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2





#31

Cyclohexane

Concen: 49.596 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

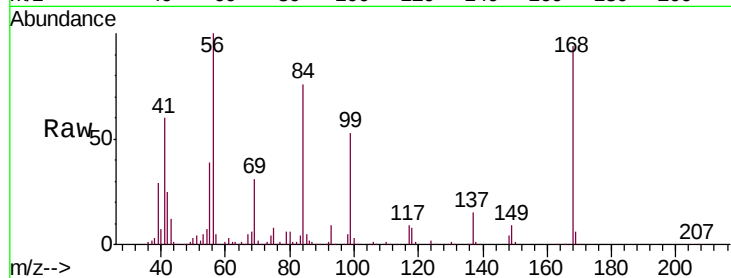
Tgt Ion: 56 Resp: 271217

Ion Ratio Lower Upper

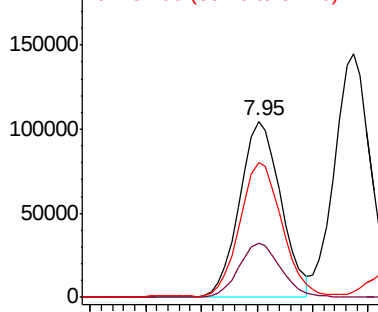
56 100

69 30.7 24.6 36.8

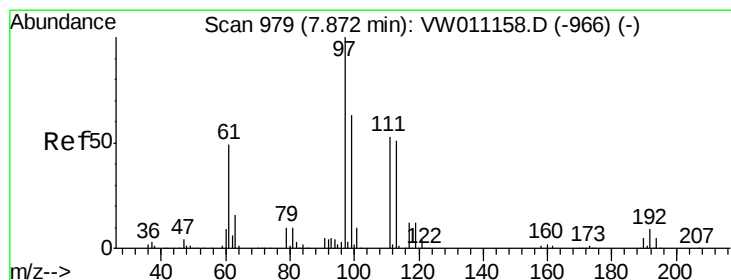
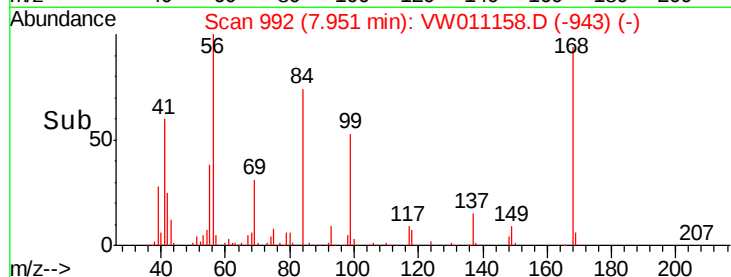
84 75.1 60.1 90.1



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 52.377 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

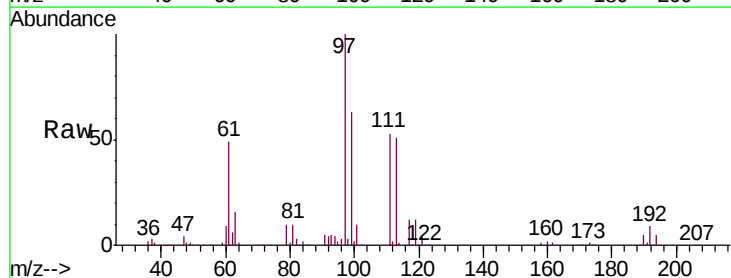
Tgt Ion: 97 Resp: 189668

Ion Ratio Lower Upper

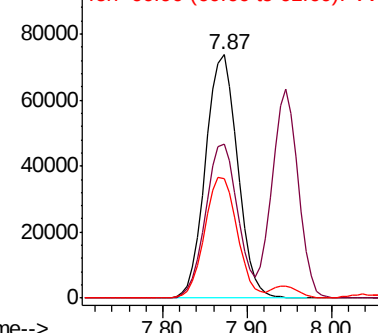
97 100

99 63.7 51.0 76.4

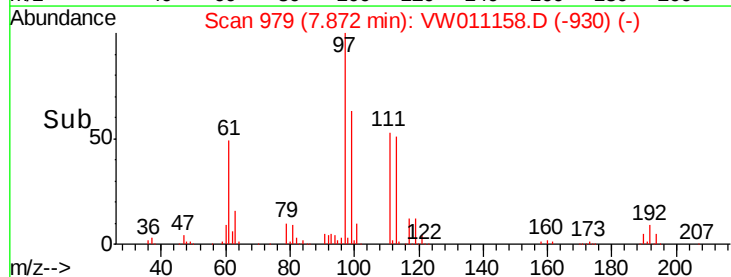
61 50.5 40.4 60.6

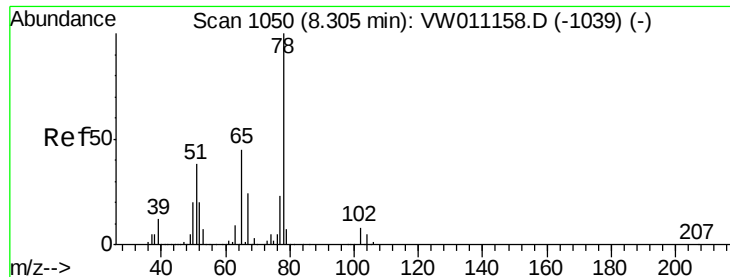


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->

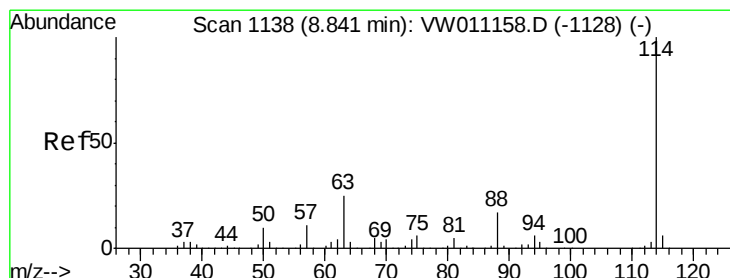
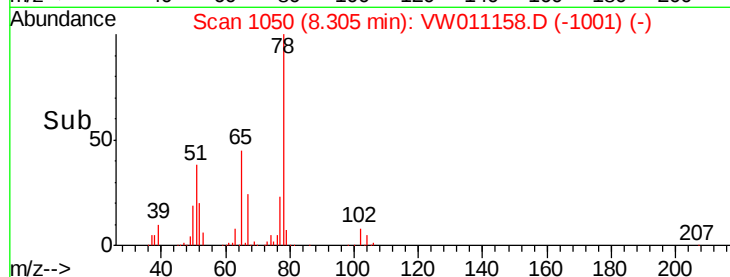
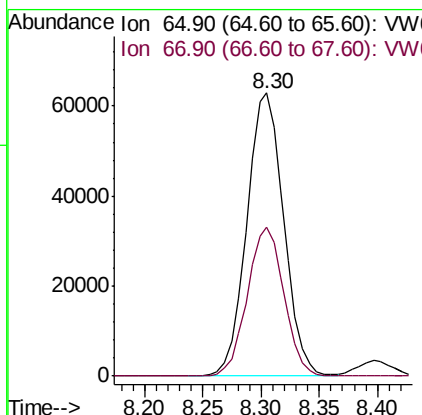
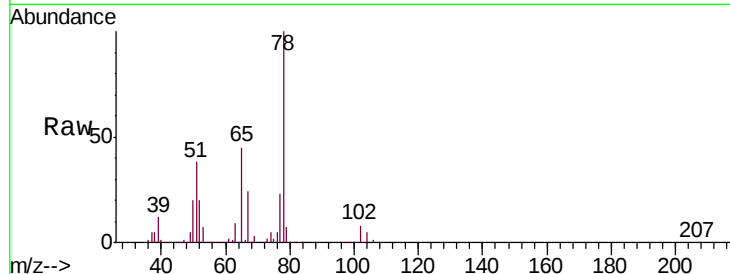




#33
 1,2-Dichloroethane-d4
 Concen: 49.184 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

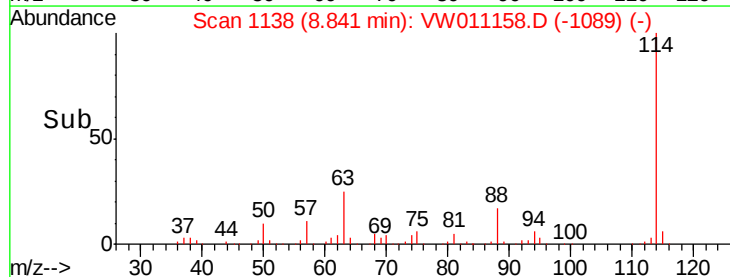
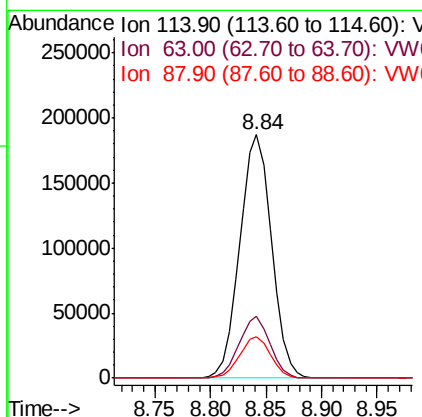
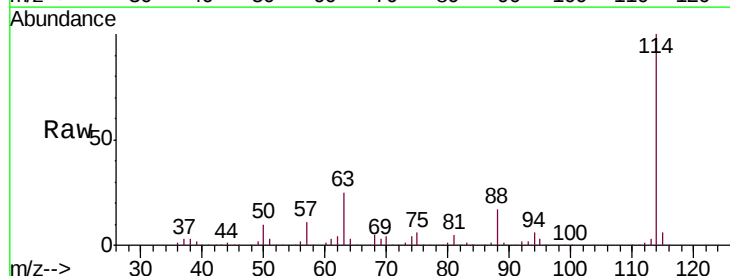
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

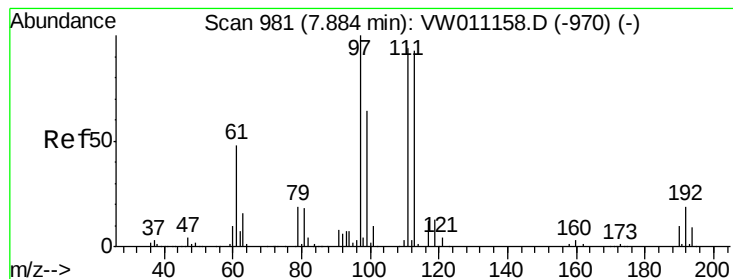
Tgt Ion: 65 Resp: 138847
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 114 Resp: 370182
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.8
 88 17.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

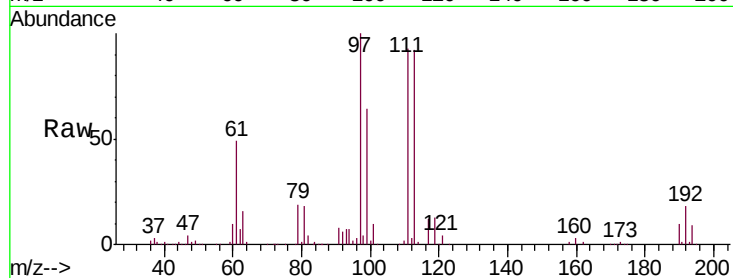
Tgt Ion:113 Resp: 109522

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

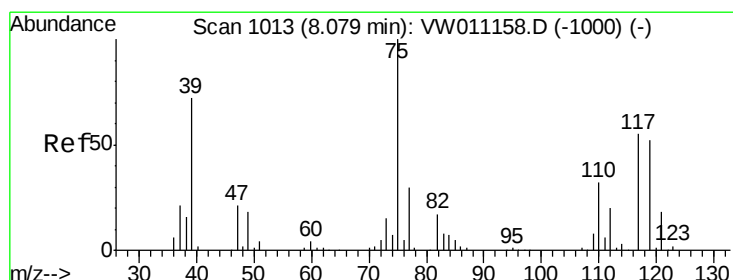
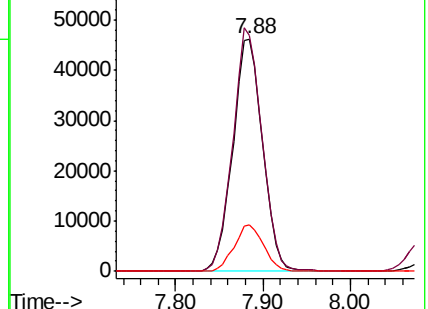
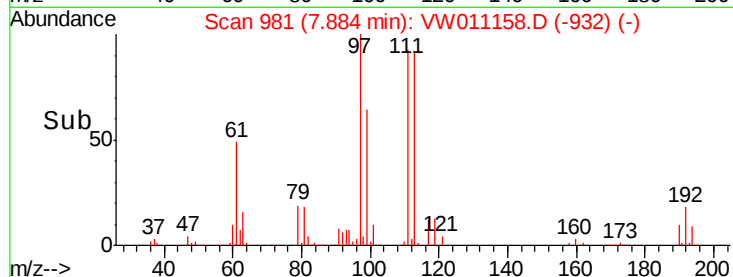
192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.874 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

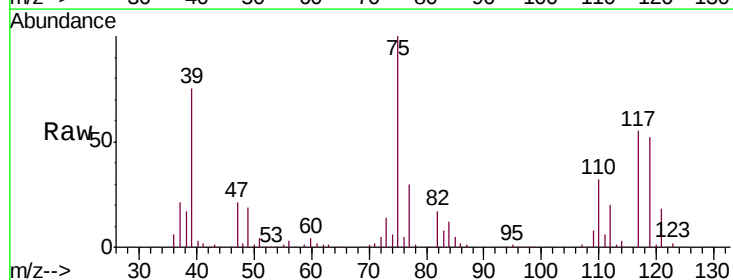
Tgt Ion: 75 Resp: 204491

Ion Ratio Lower Upper

75 100

110 31.7 15.9 47.6

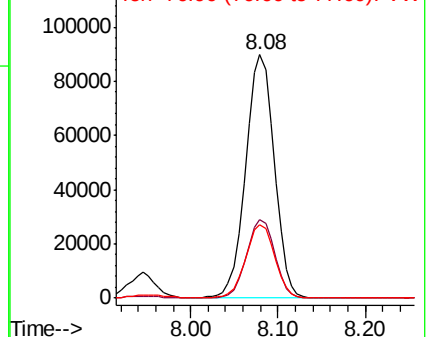
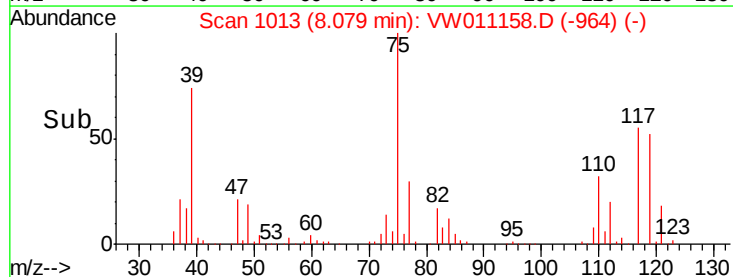
77 30.7 24.6 36.8

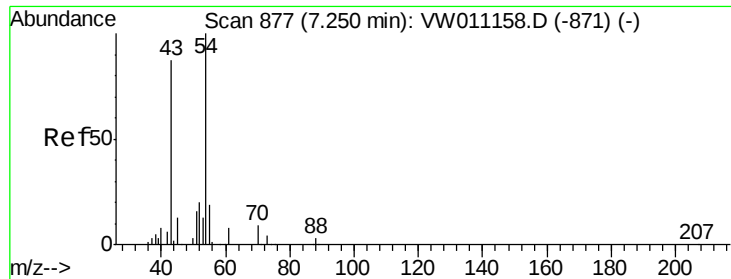


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

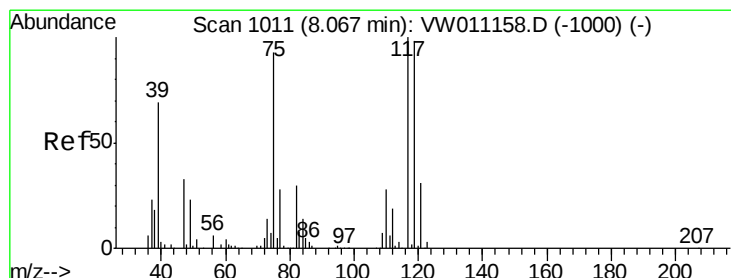
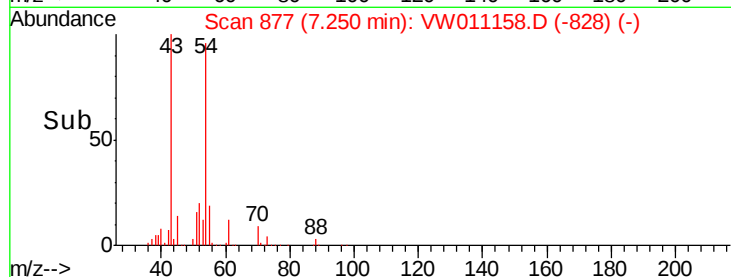
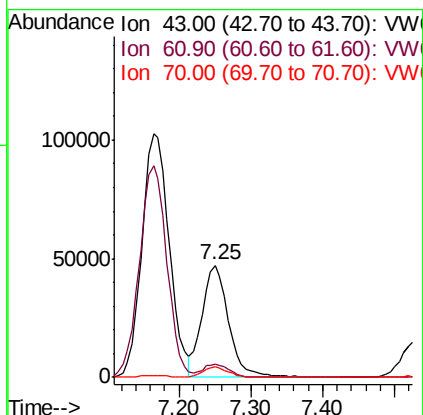
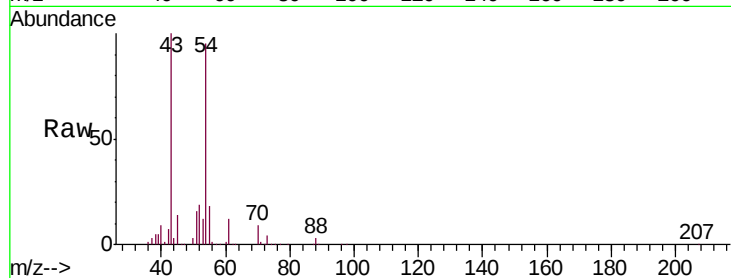




#37
Ethyl Acetate
Concen: 50.614 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

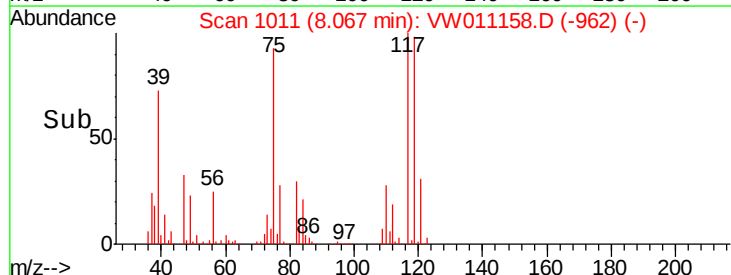
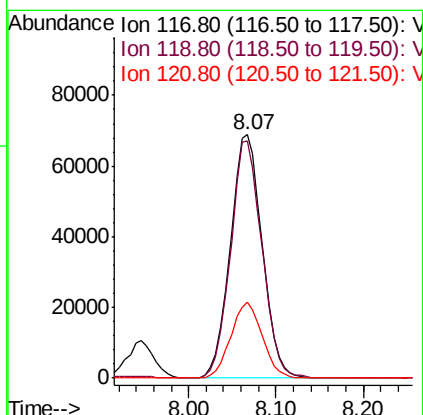
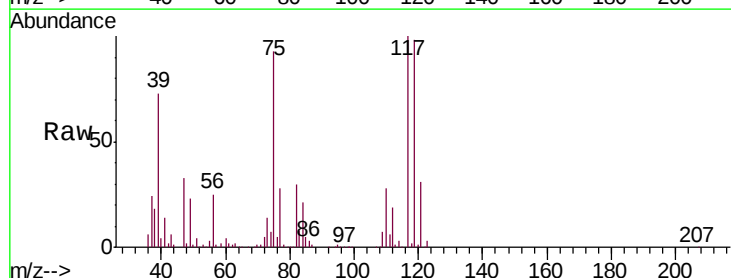
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 119879
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.116 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 117 Resp: 174161
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
121 31.4 25.1 37.7

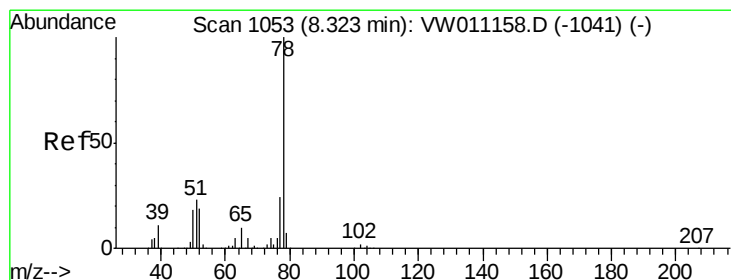
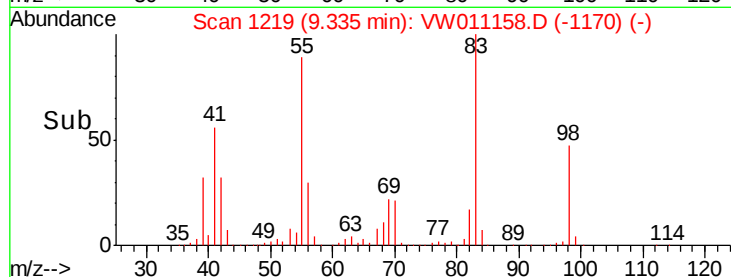
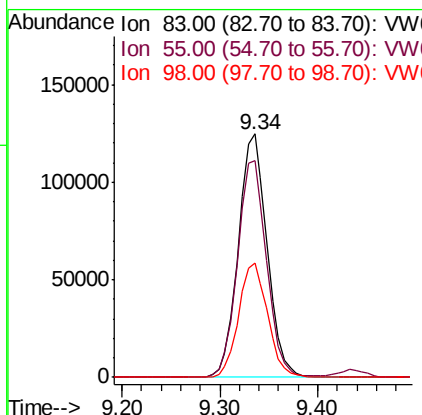
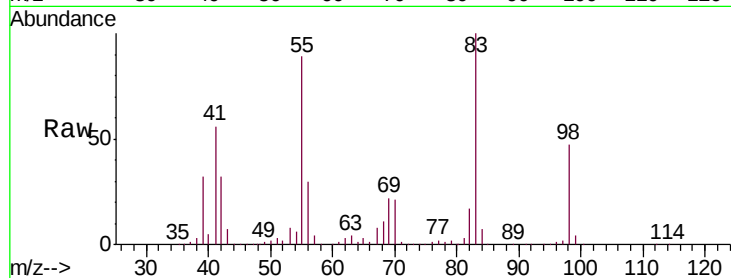




#39
Methylcyclohexane
Concen: 53.322 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

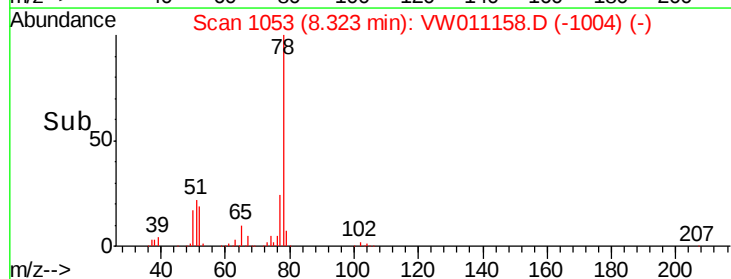
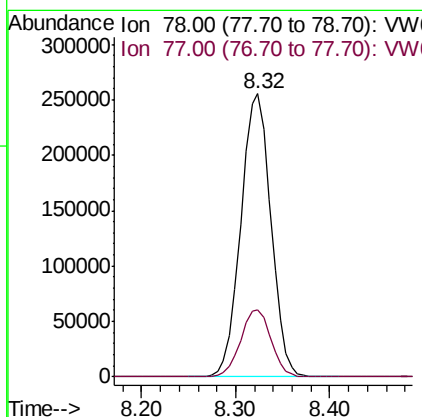
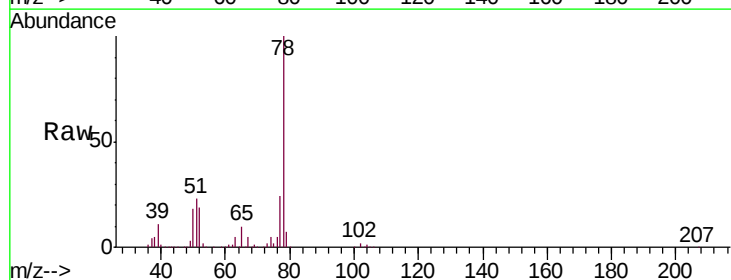
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

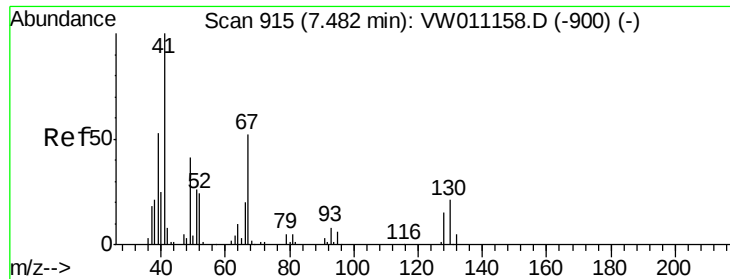
Tgt Ion: 83 Resp: 254771
Ion Ratio Lower Upper
83 100
55 89.0 71.2 106.8
98 46.9 37.5 56.3



#40
Benzene
Concen: 52.057 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 78 Resp: 567134
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

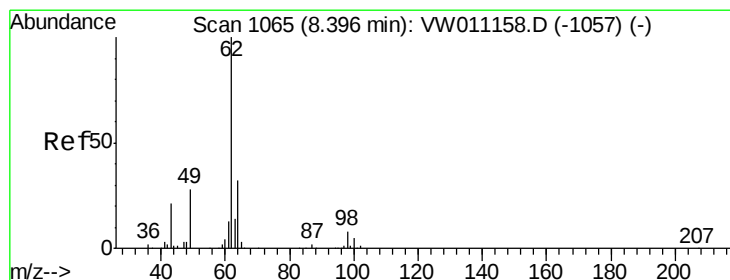
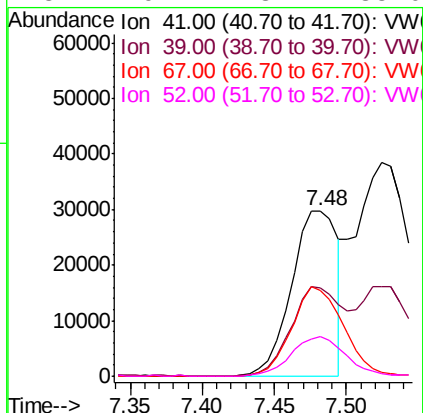
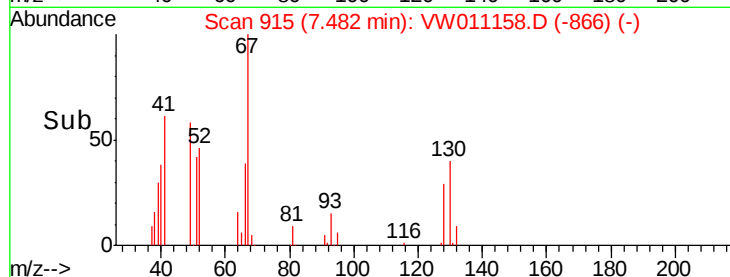
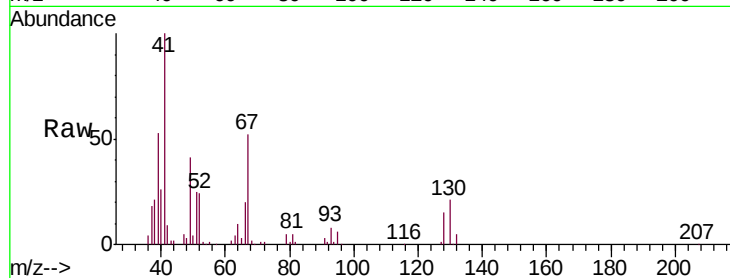




#41
Methacrylonitrile
Concen: 48.291 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

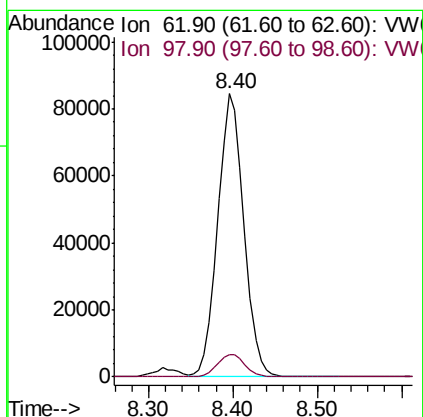
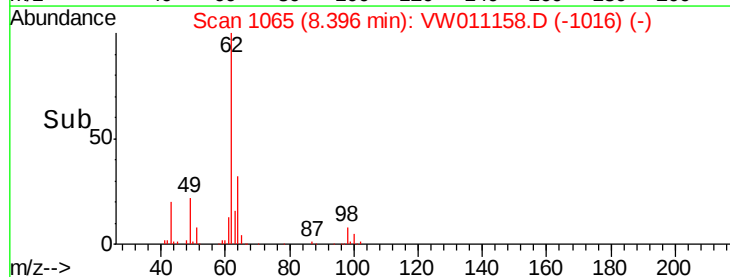
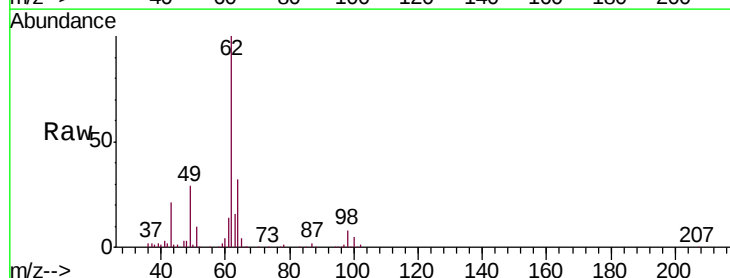
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

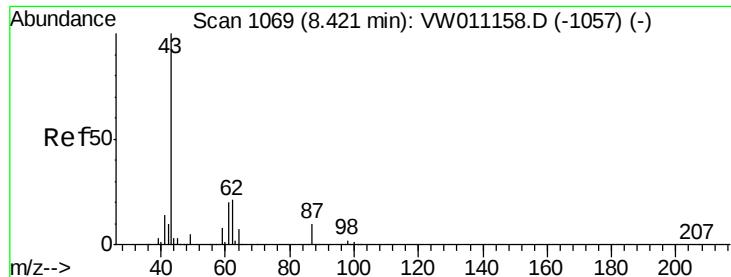
Tgt Ion:	41	Resp:	65417
Ion	Ratio	Lower	Upper
41	100		
39	60.0	48.0	72.0
67	62.1	49.7	74.5
52	29.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 51.111 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:	62	Resp:	180632
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.8

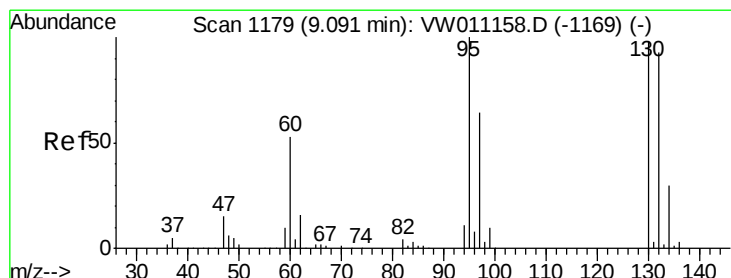
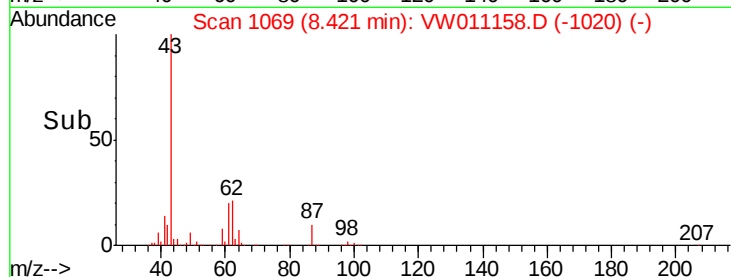
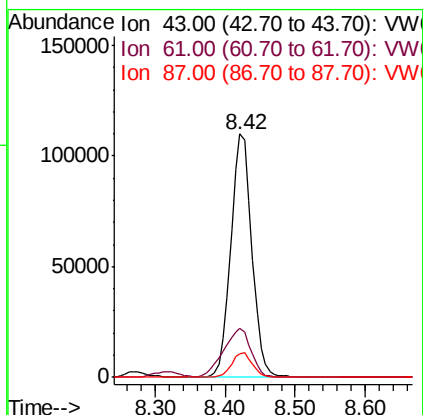
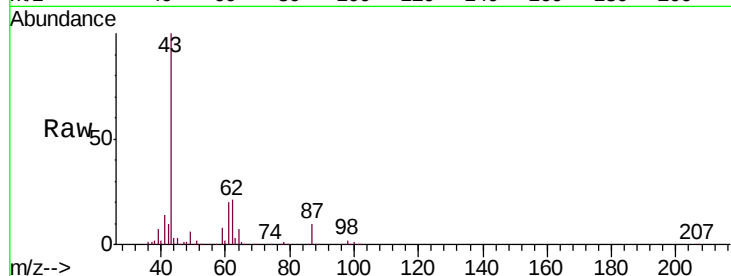




#43
Isopropyl Acetate
Concen: 51.279 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

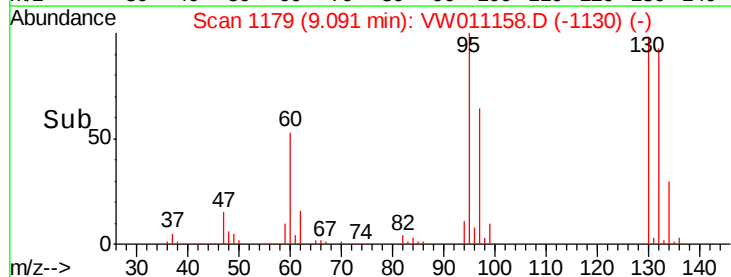
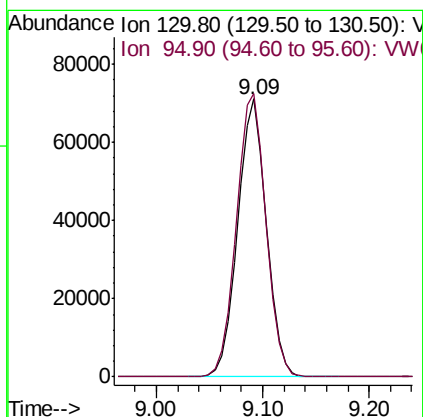
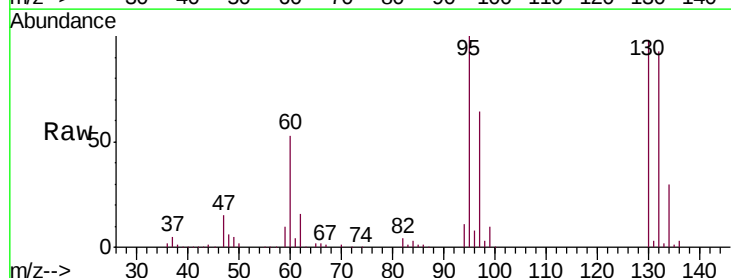
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 229303
Ion Ratio Lower Upper
43 100
61 25.9 20.7 31.1
87 10.1 8.1 12.1



#44
Trichloroethene
Concen: 51.357 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 130 Resp: 134640
Ion Ratio Lower Upper
130 100
95 101.8 0.0 203.6

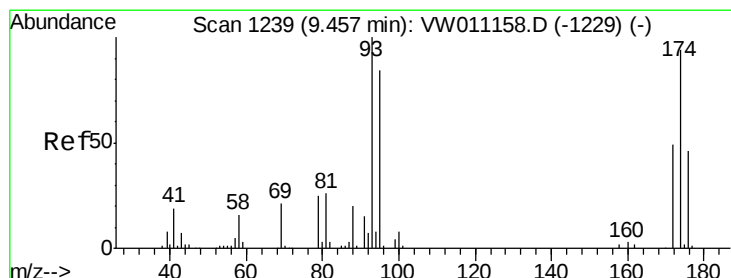
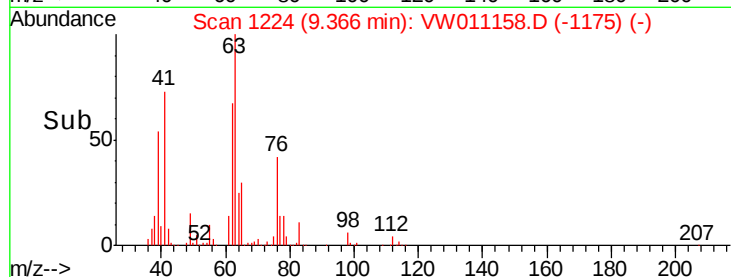
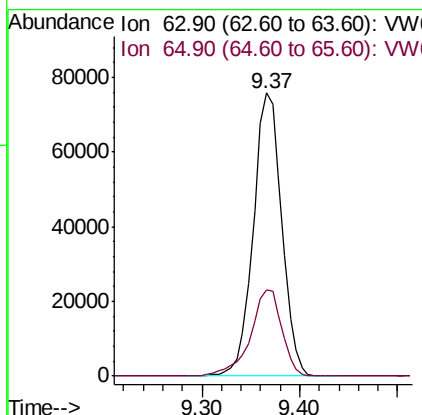
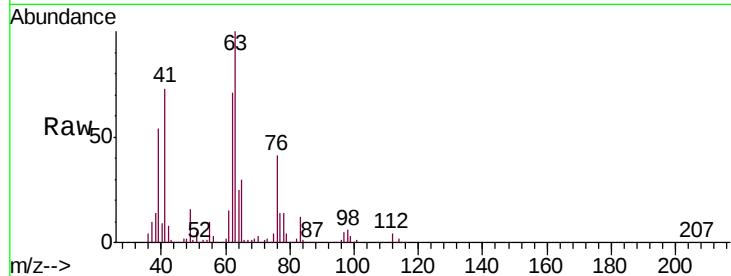




#45
 1,2-Dichloropropane
 Concen: 51.899 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

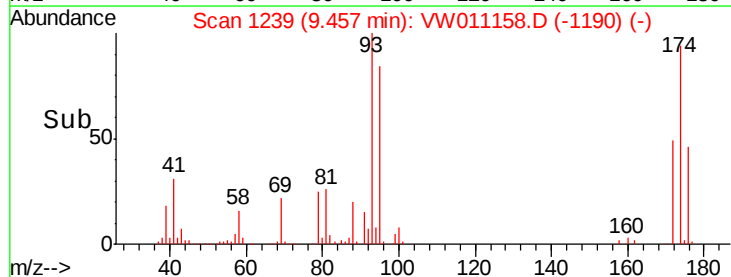
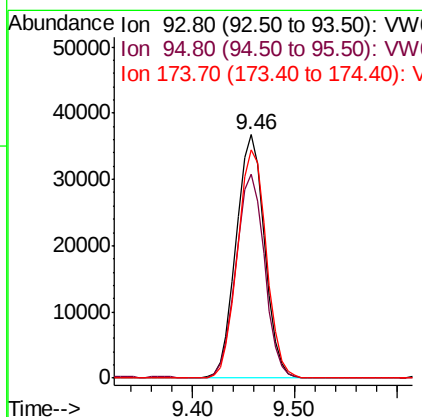
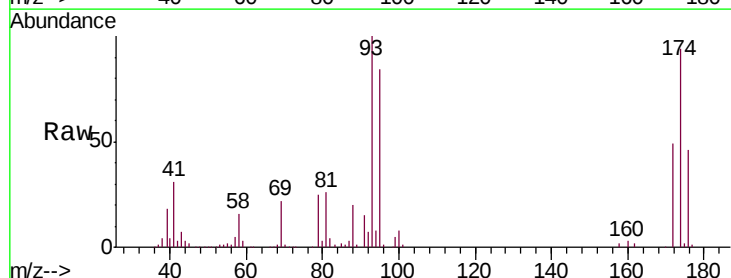
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 153112
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 51.212 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 93 Resp: 70971
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 95.4 76.3 114.5





#47

Bromodichloromethane

Concen: 51.976 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

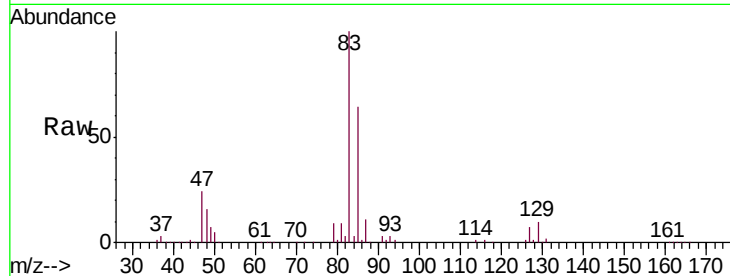
Tgt Ion: 83 Resp: 184302

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.4

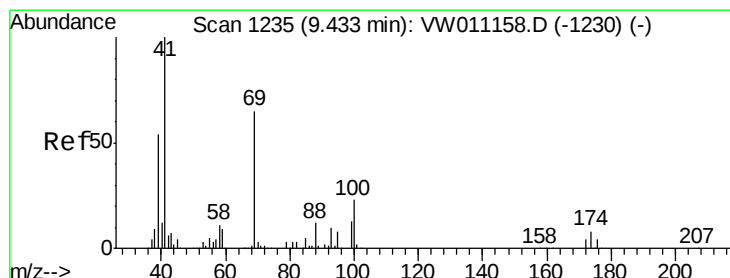
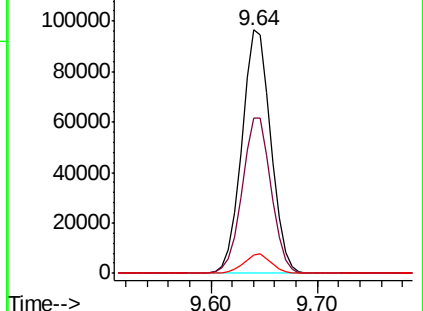
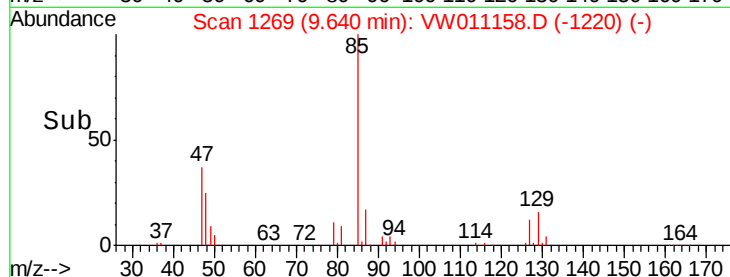
127 7.5 6.0 9.0



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: 52.118 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

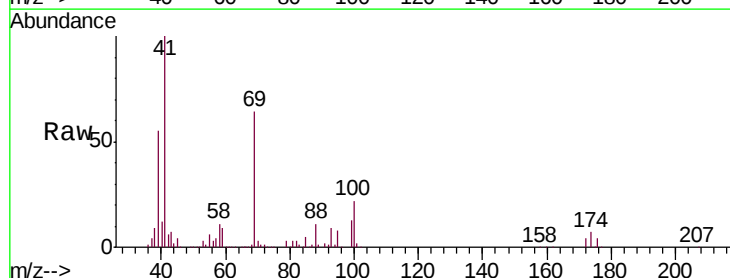
Tgt Ion: 41 Resp: 112124

Ion Ratio Lower Upper

41 100

69 70.0 56.0 84.0

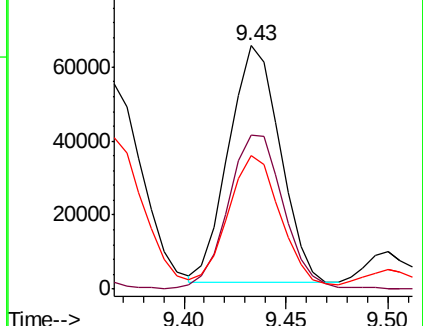
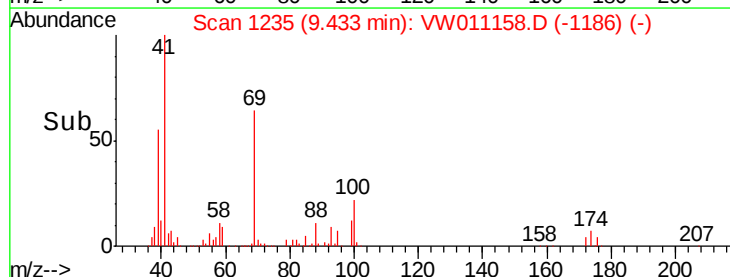
39 54.4 43.5 65.3

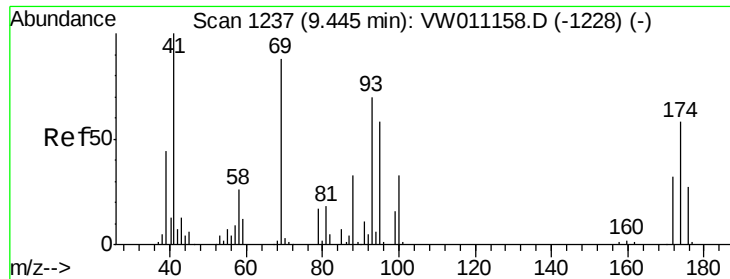


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

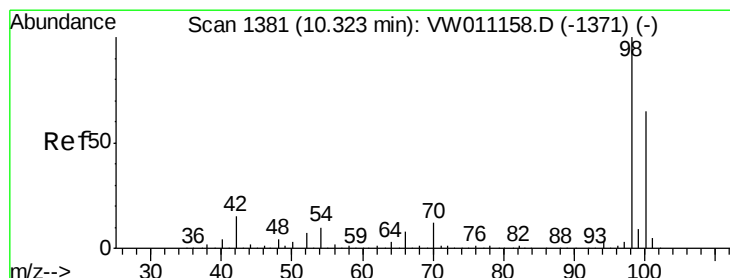
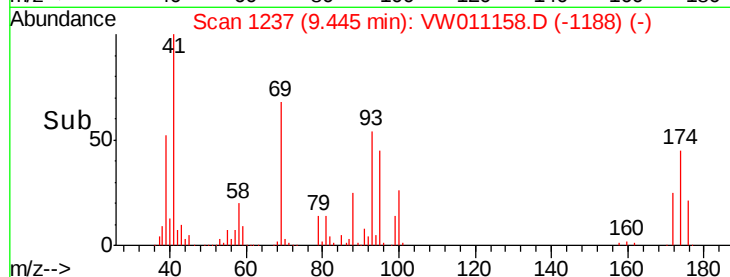
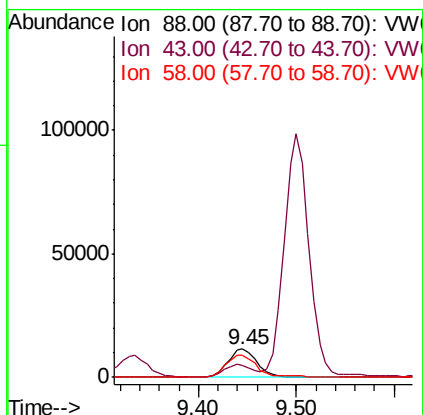
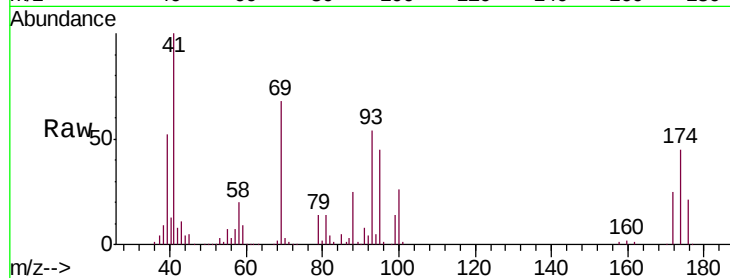




#49
1,4-Dioxane
Concen: 1027.834 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

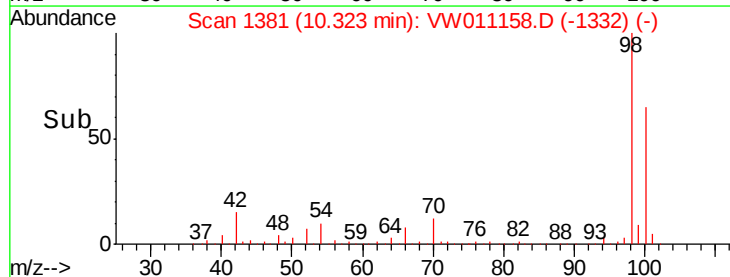
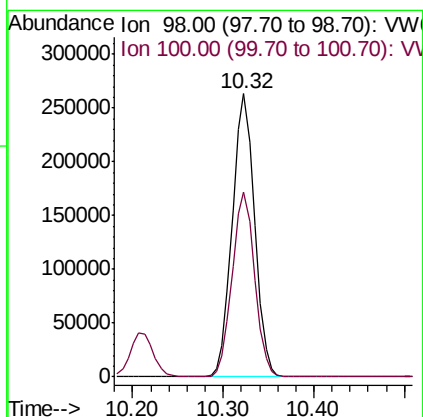
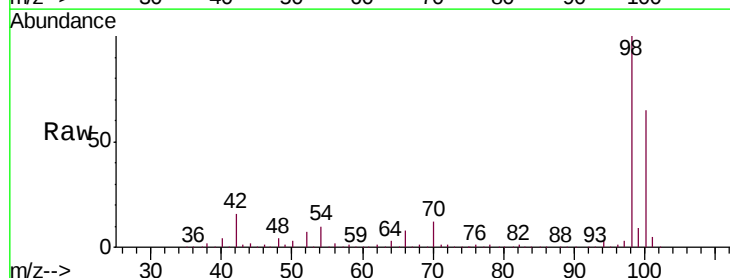
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

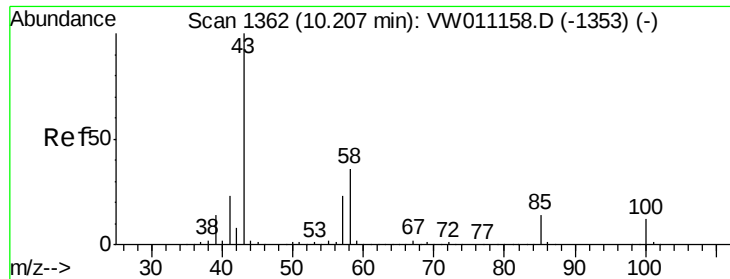
Tgt Ion: 88 Resp: 23776
Ion Ratio Lower Upper
88 100
43 41.7 33.4 50.0
58 80.6 64.5 96.7



#50
Toluene-d8
Concen: 50.552 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 98 Resp: 450863
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

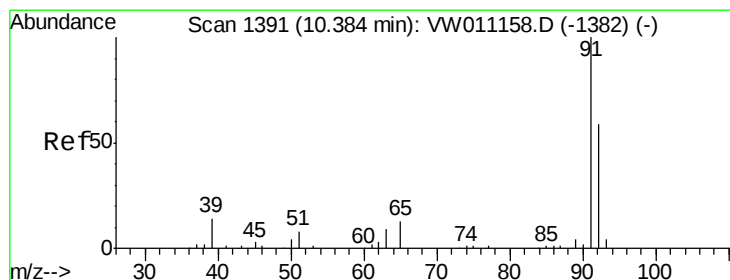
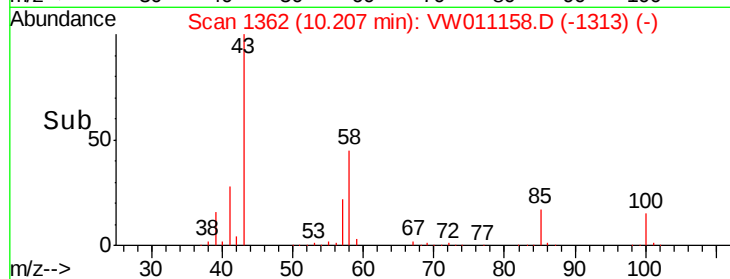
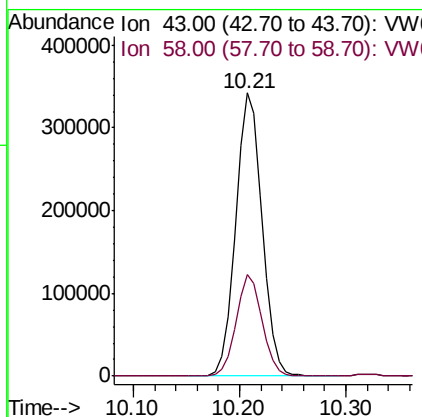
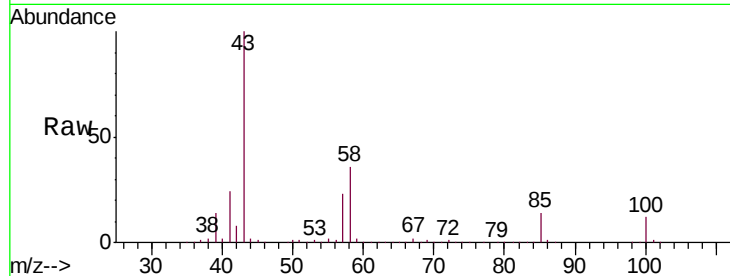




#51
 4-Methyl-2-Pentanone
 Concen: 254.505 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

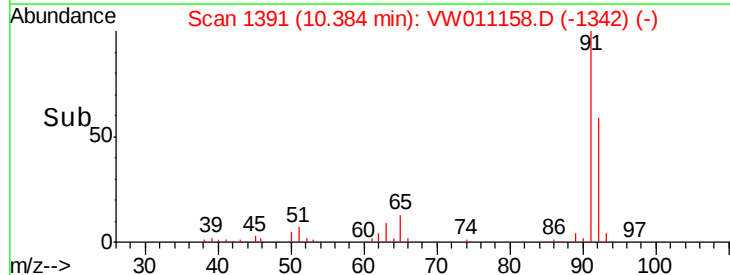
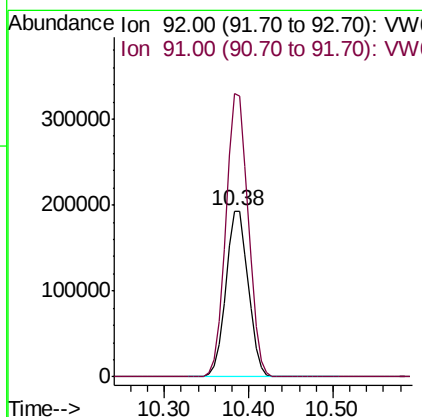
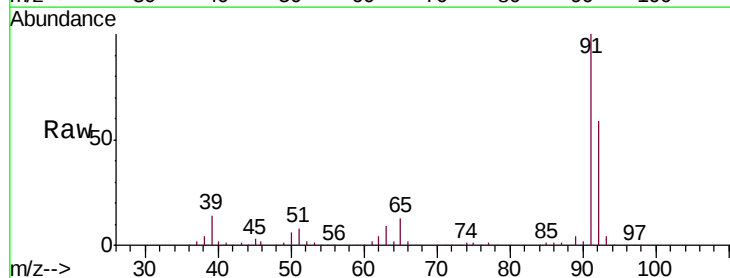
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 594500
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2



#52
 Toluene
 Concen: 52.525 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 92 Resp: 347120
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 52.312 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

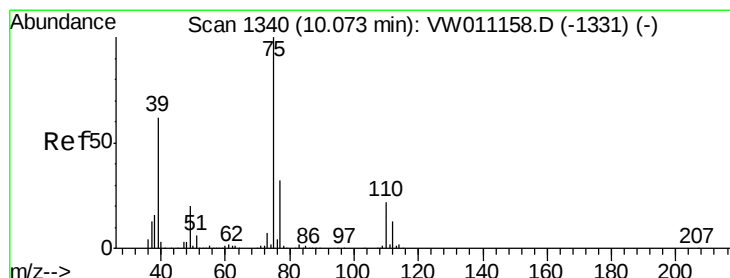
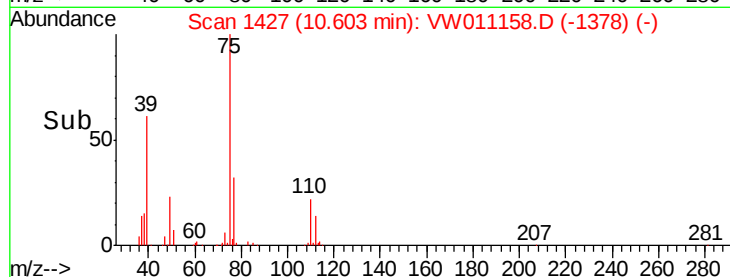
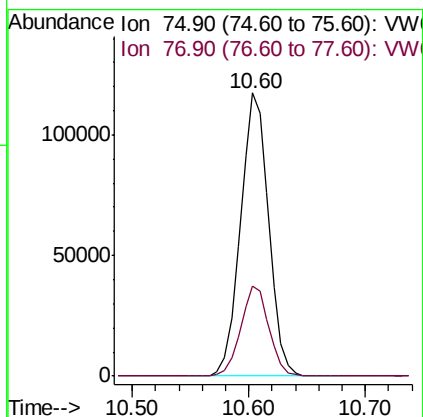
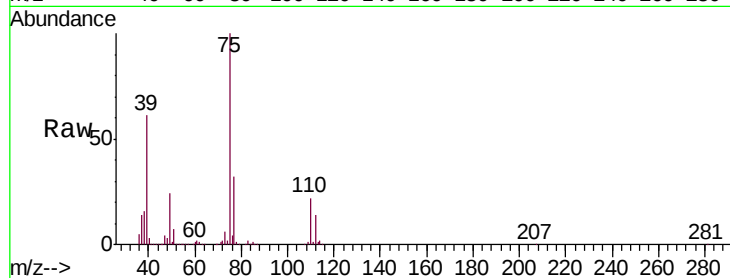
VSTDICCC050

Tgt Ion: 75 Resp: 197448

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.262 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

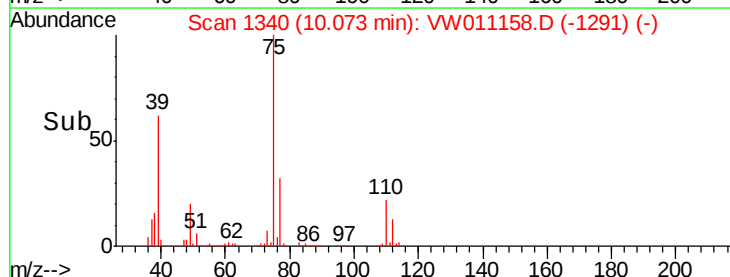
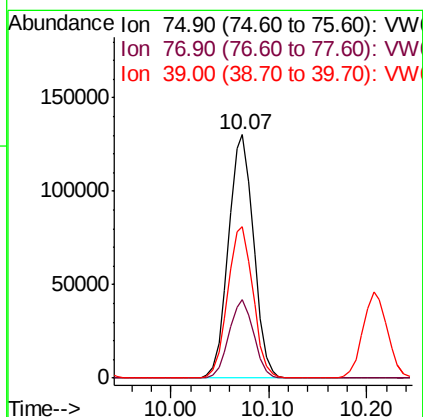
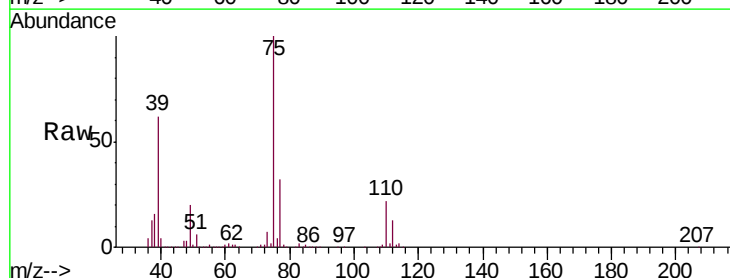
Tgt Ion: 75 Resp: 232181

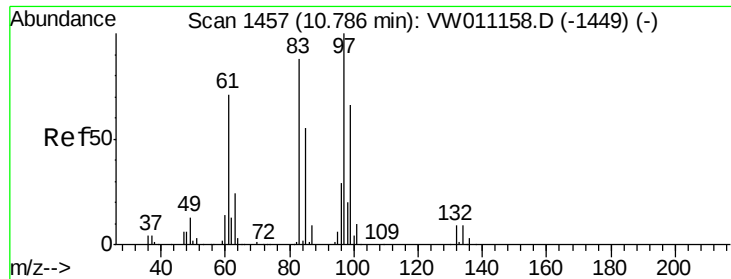
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 62.3 49.8 74.8

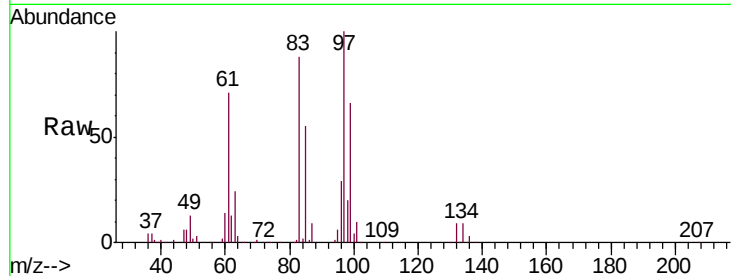




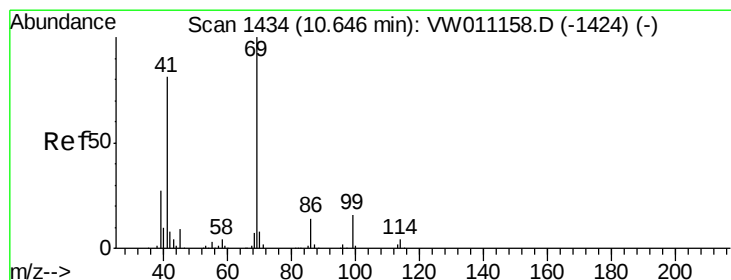
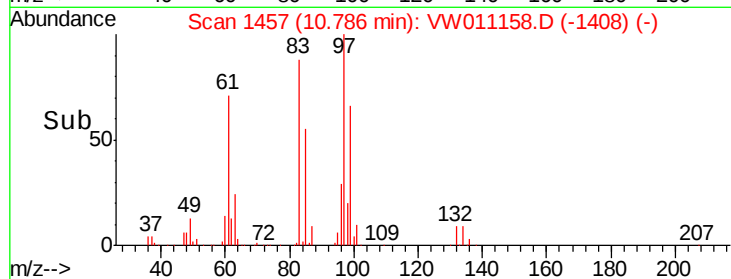
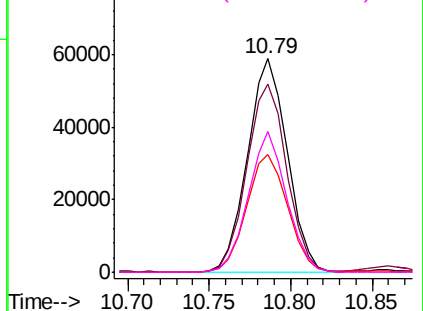
#55
 1,1,2-Trichloroethane
 Concen: 50.813 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 99901
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.2 105.4
 85 55.2 44.2 66.2
 99 65.8 52.6 79.0

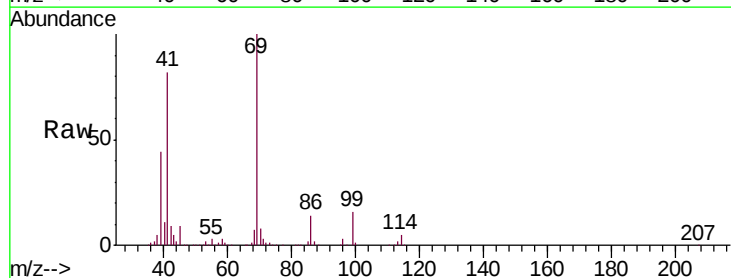


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

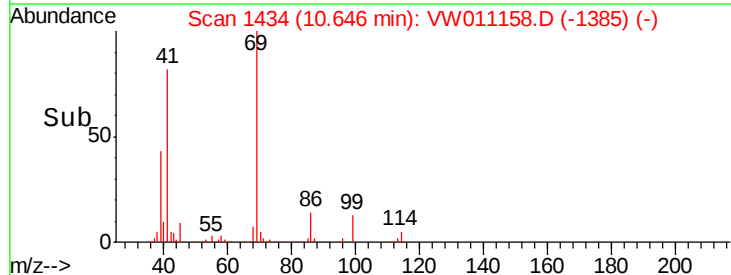
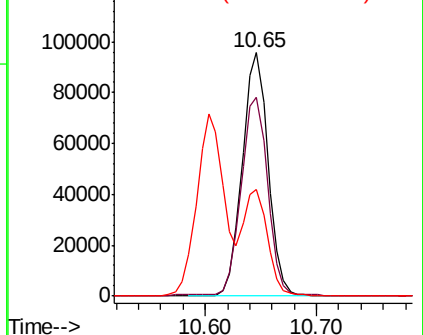


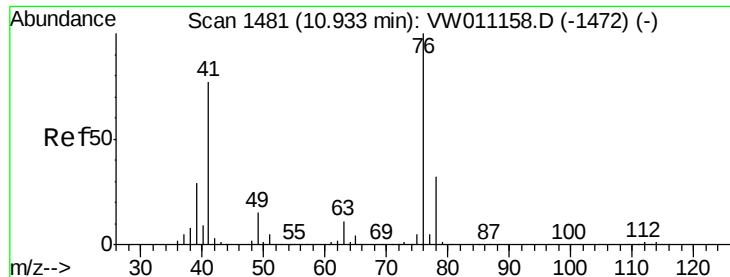
#56
 Ethyl methacrylate
 Concen: 51.636 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 69 Resp: 154558
 Ion Ratio Lower Upper
 69 100
 41 83.1 66.5 99.7
 39 40.6 32.5 48.7



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





#57

1,3-Dichloropropane

Concen: 51.305 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

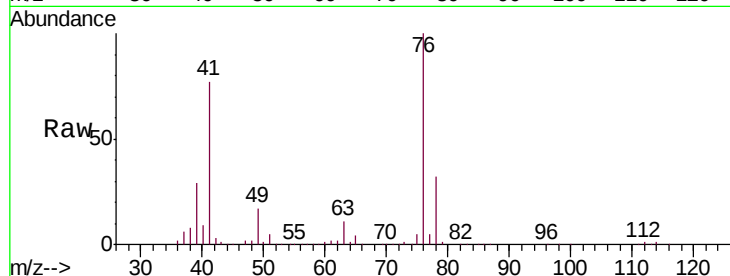
VSTDICCC050

Tgt Ion: 76 Resp: 190739

Ion Ratio Lower Upper

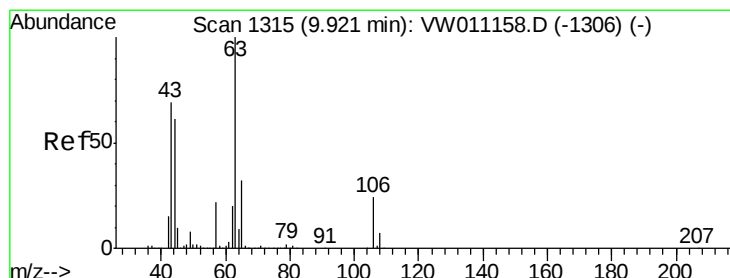
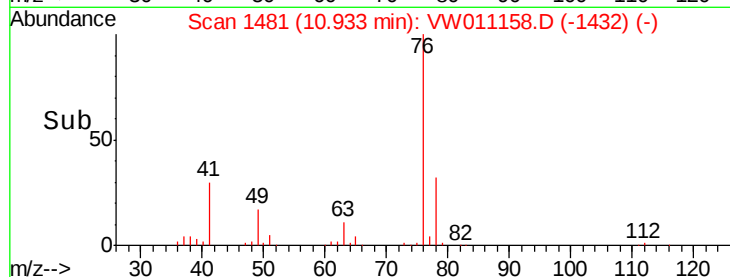
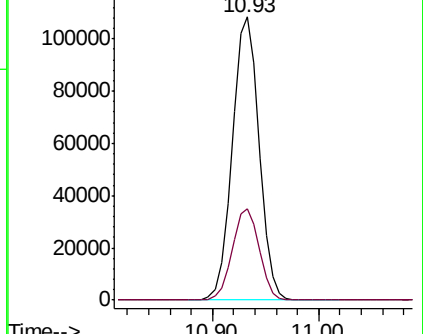
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 247.567 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW011158.D

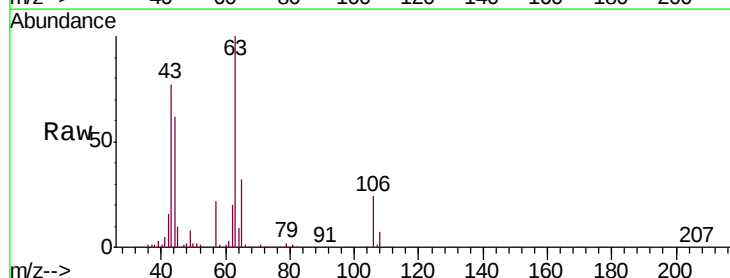
Acq: 08 Jul 2019 12:01

Tgt Ion: 63 Resp: 343541

Ion Ratio Lower Upper

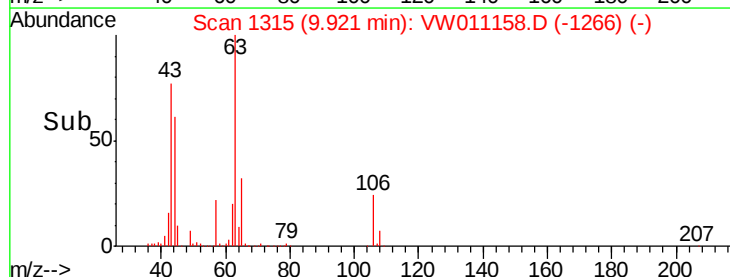
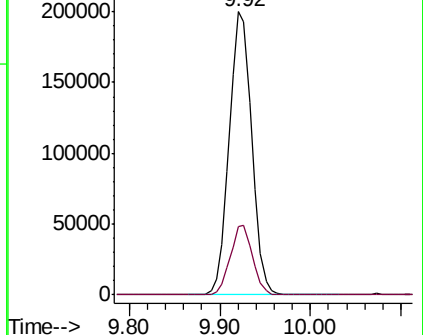
63 100

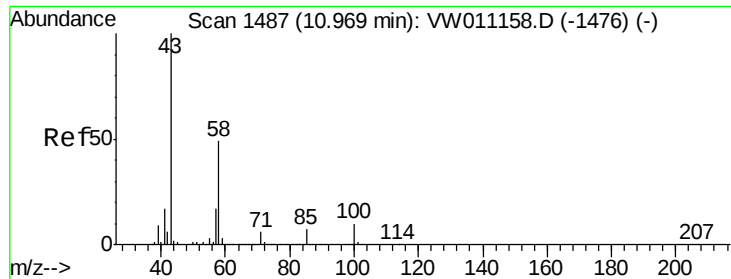
106 24.2 19.4 29.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

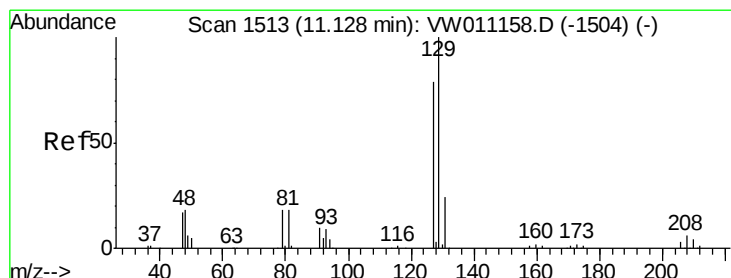
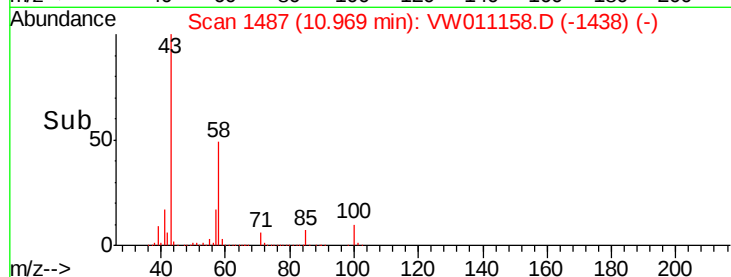
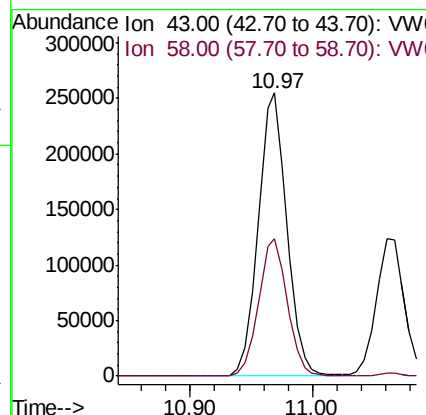
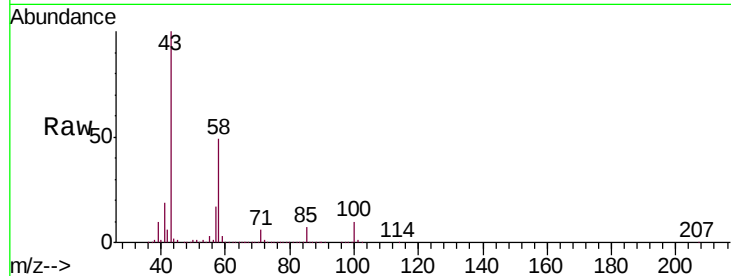




#59
2-Hexanone
Concen: 256.012 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

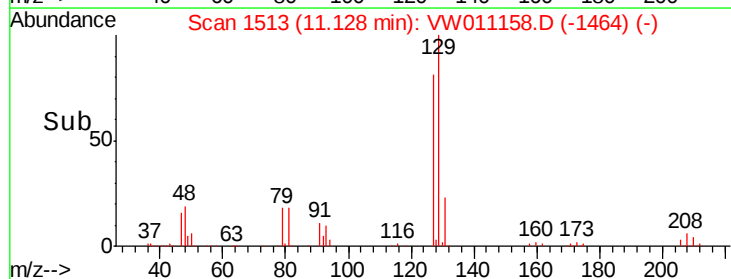
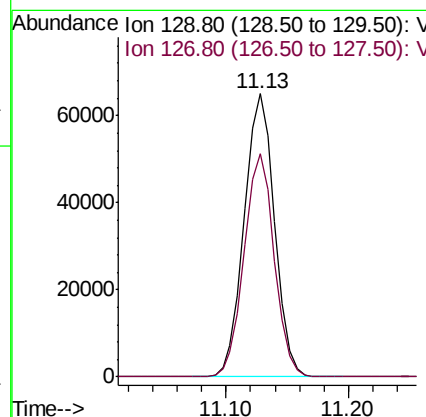
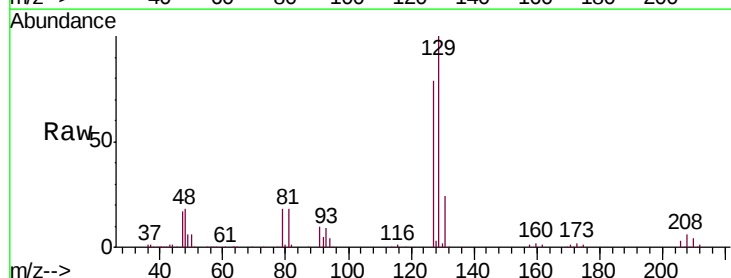
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

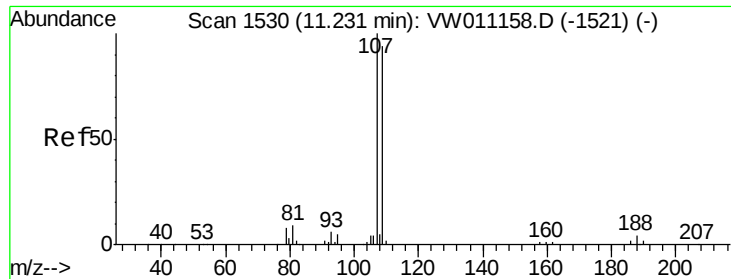
Tgt Ion: 43 Resp: 414728
Ion Ratio Lower Upper
43 100
58 48.9 24.4 73.4



#60
Dibromochloromethane
Concen: 51.914 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 129 Resp: 111921
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3

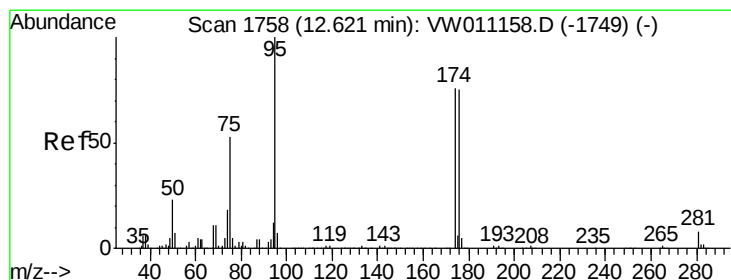
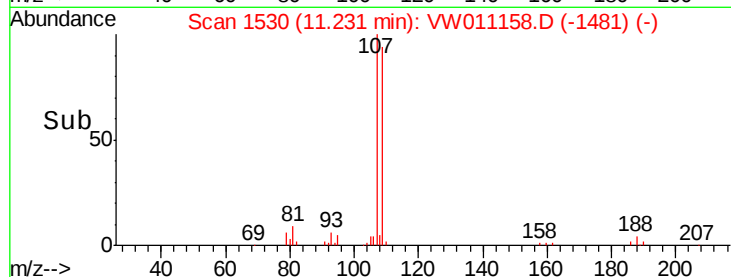
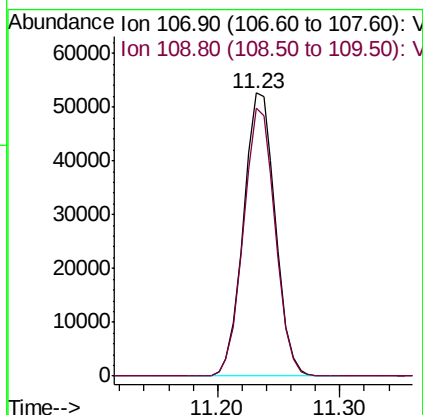
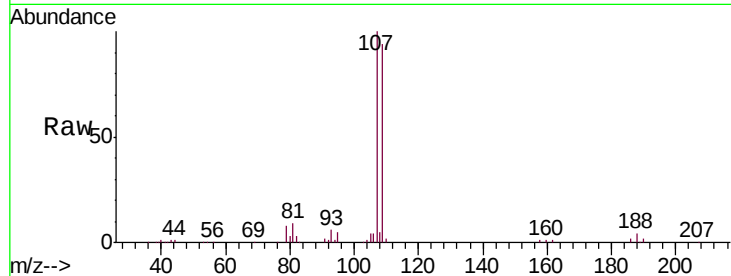




#61
 1,2-Dibromoethane
 Concen: 51.127 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

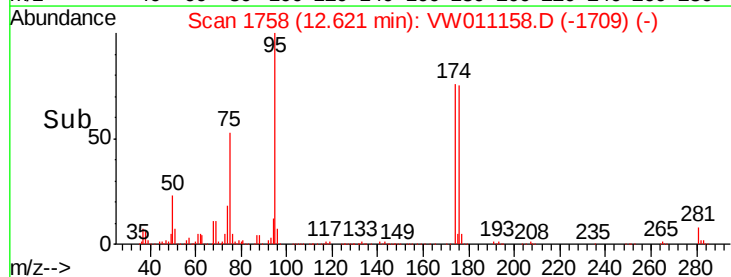
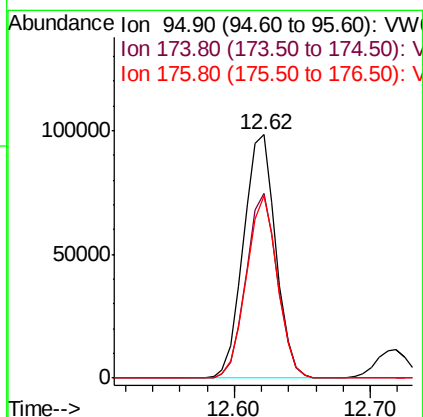
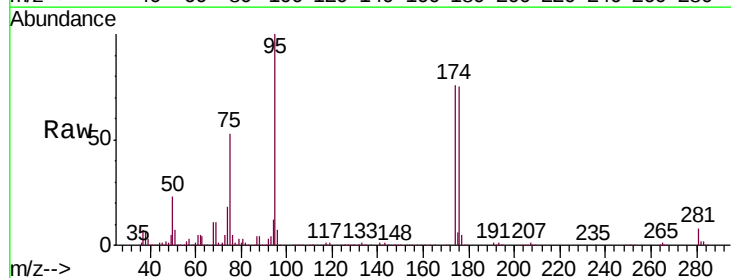
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

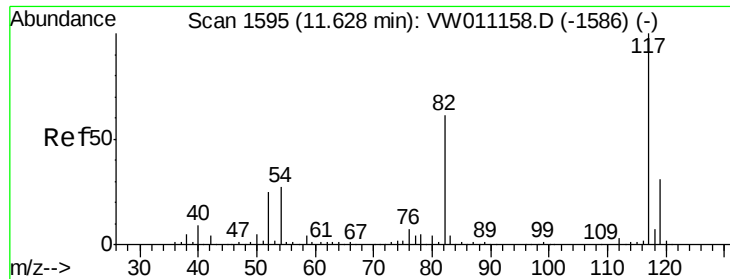
Tgt Ion: 107 Resp: 95213
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.902 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion: 95 Resp: 163132
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 147.6
 176 72.3 0.0 144.6

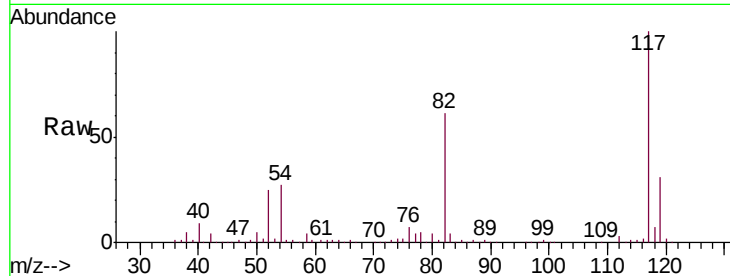




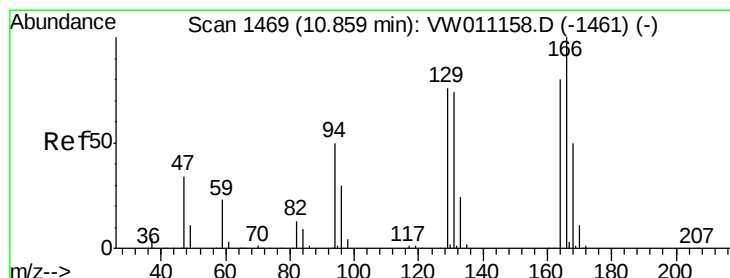
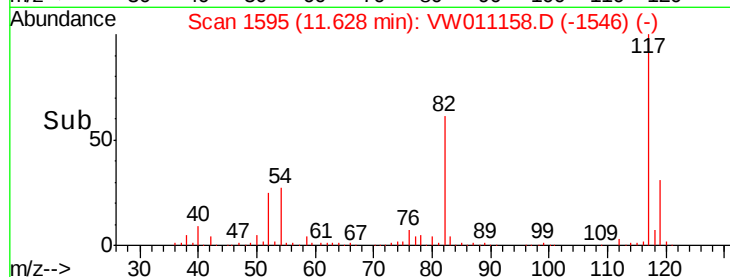
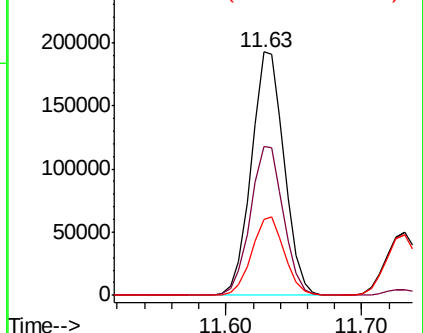
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 325815
Ion Ratio Lower Upper
117 100
82 61.1 48.9 73.3
119 31.3 25.0 37.6

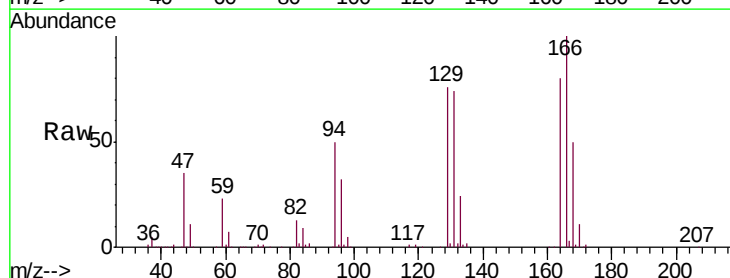


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

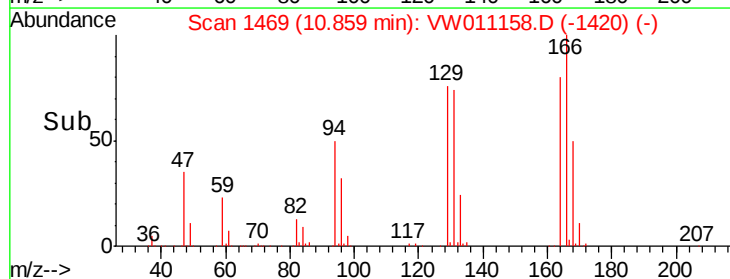
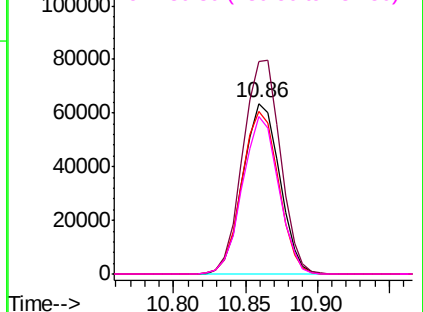


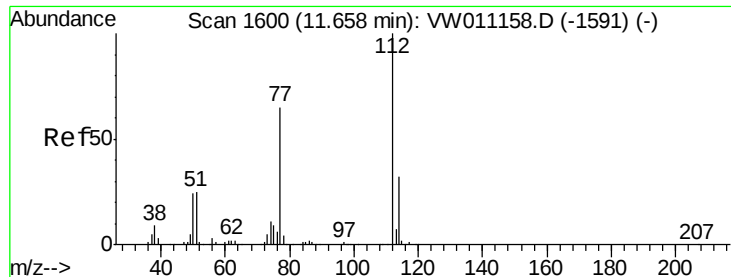
#64
Tetrachloroethene
Concen: 51.228 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:164 Resp: 112627
Ion Ratio Lower Upper
164 100
166 124.6 99.7 149.5
129 95.2 76.2 114.2
131 92.5 74.0 111.0



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

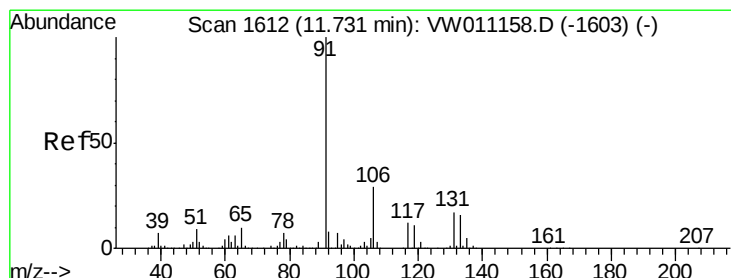
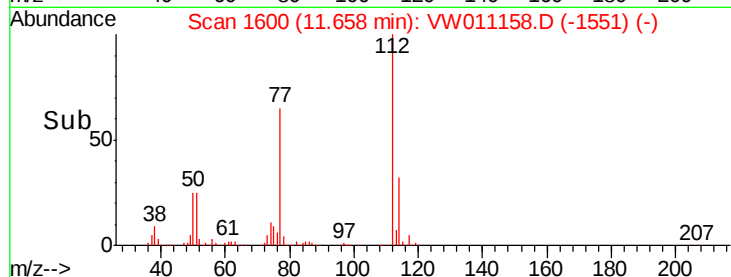
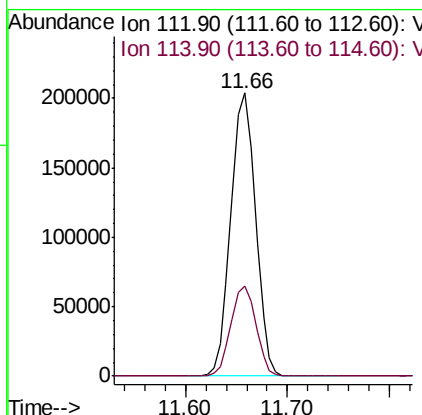
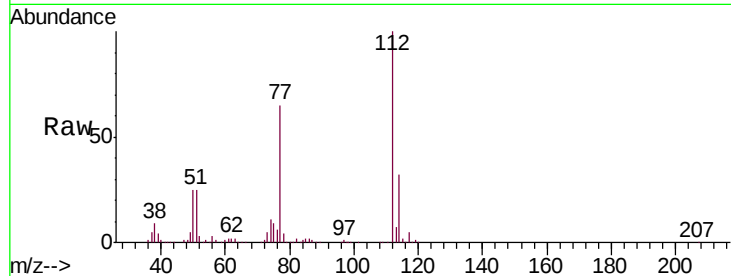




#65
Chlorobenzene
Concen: 51.843 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

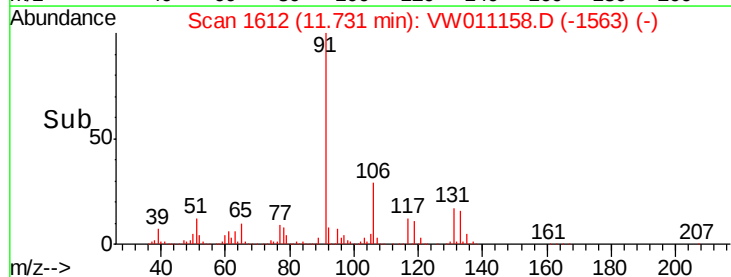
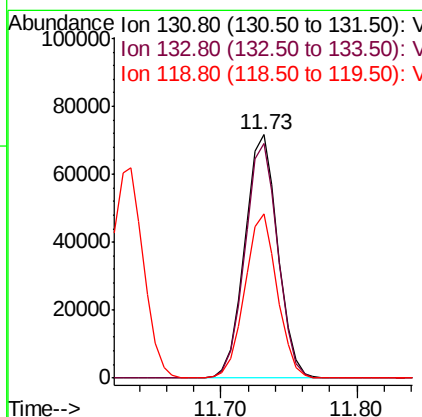
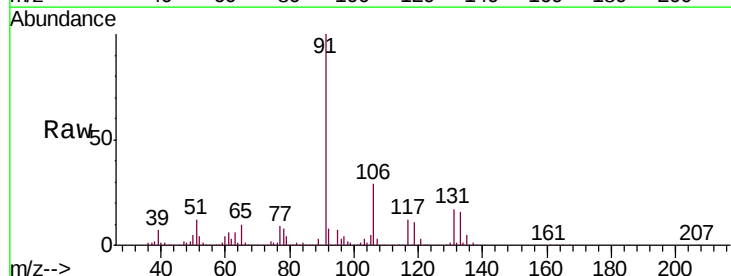
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

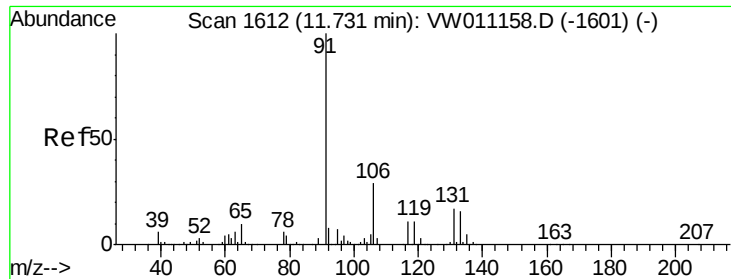
Tgt Ion:112 Resp: 343419
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.016 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:131 Resp: 121322
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 66.1 33.1 99.2

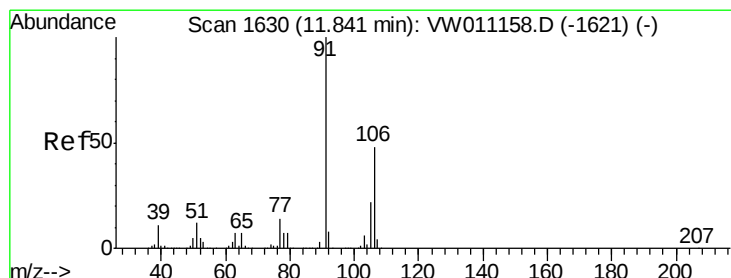
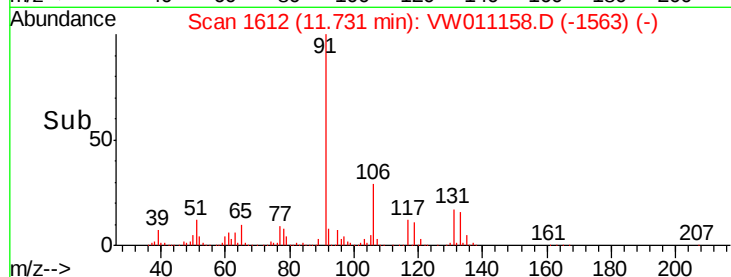
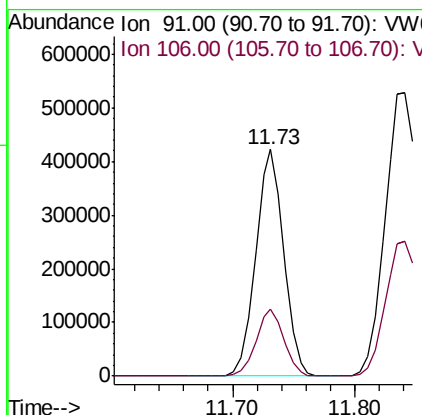
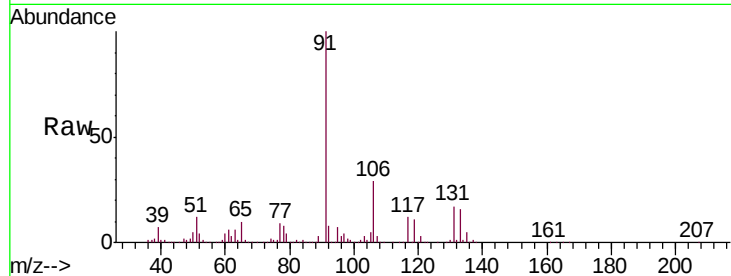




#67
Ethyl Benzene
Concen: 52.876 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

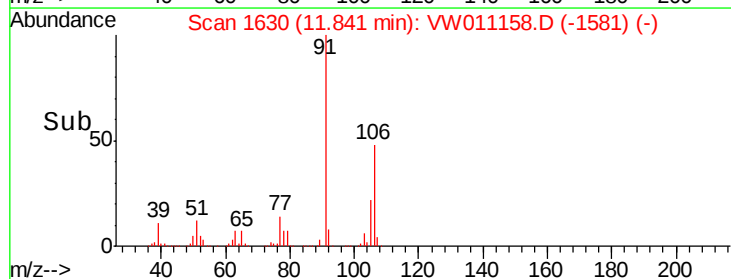
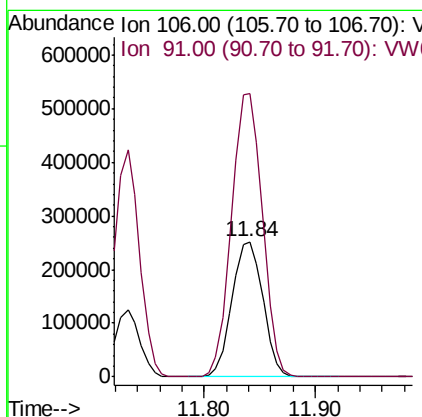
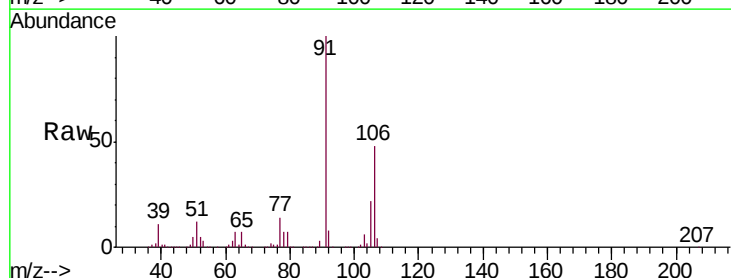
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

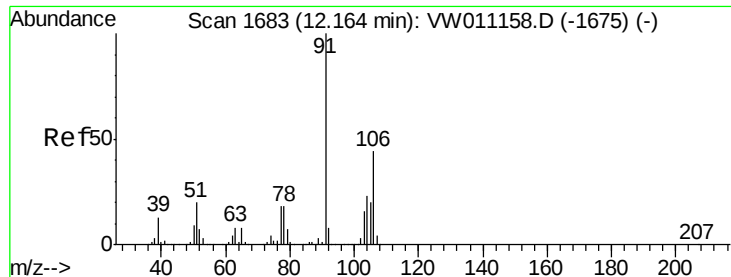
Tgt Ion: 91 Resp: 670527
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3



#68
m/p-Xylenes
Concen: 105.549 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 106 Resp: 484315
Ion Ratio Lower Upper
106 100
91 209.6 167.7 251.5

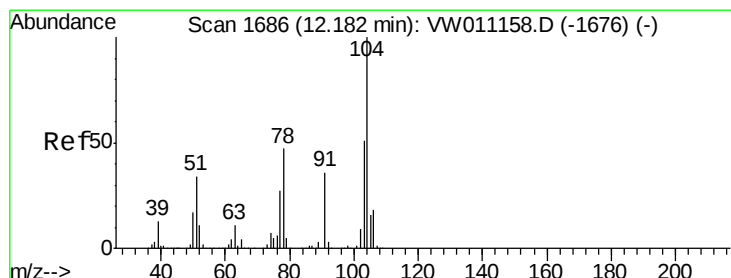
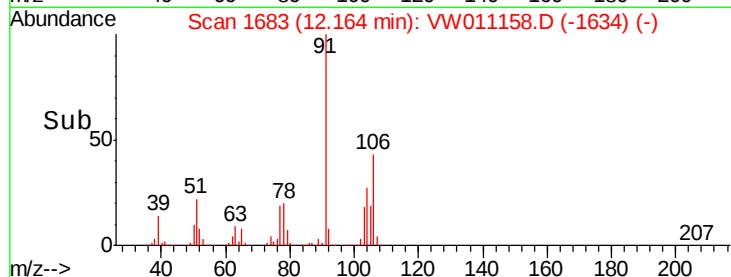
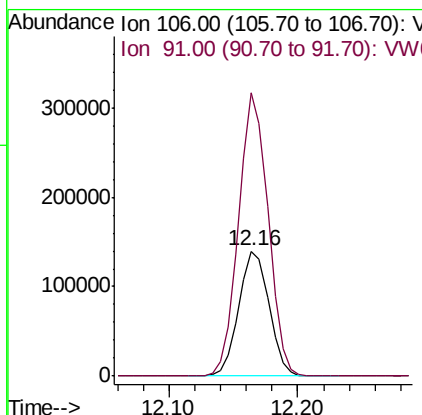
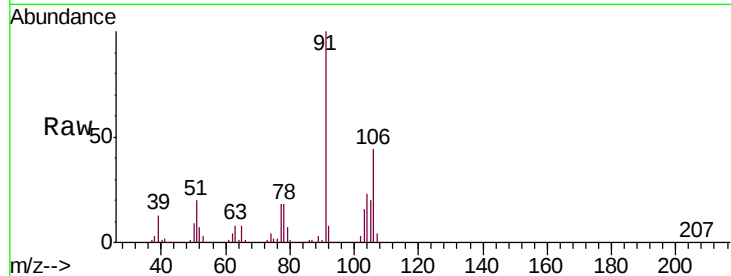




#69
o-Xylene
Concen: 52.558 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

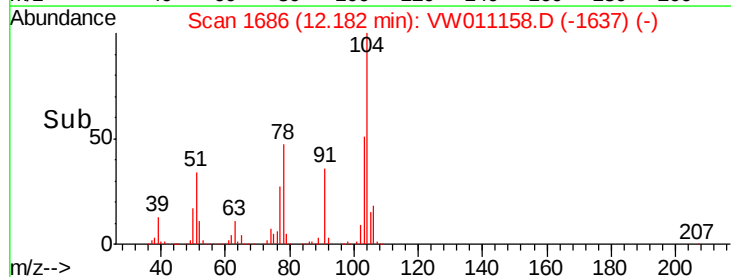
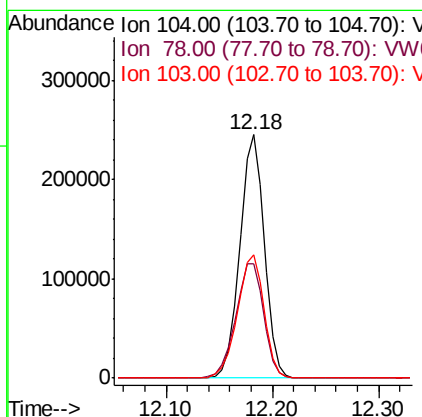
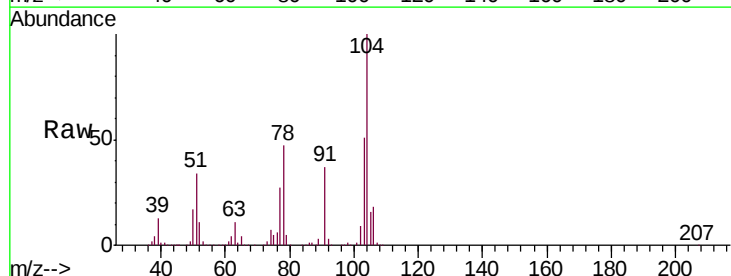
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

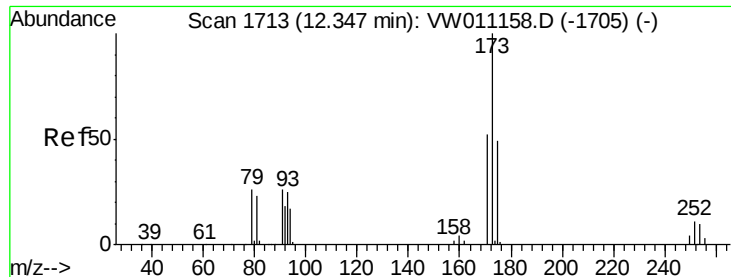
Tgt Ion:106 Resp: 227302
Ion Ratio Lower Upper
106 100
91 221.4 110.7 332.1



#70
Styrene
Concen: 53.066 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:104 Resp: 396073
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.1 44.1 66.1

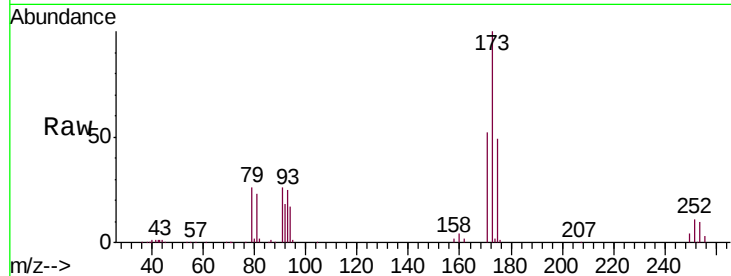




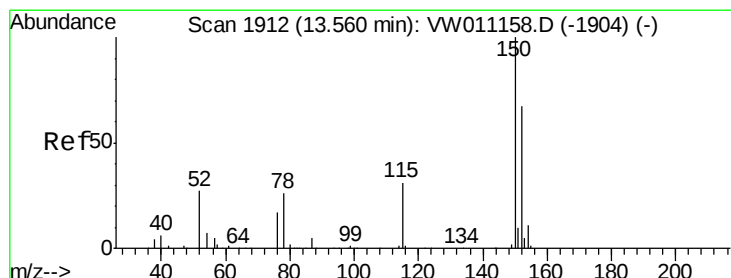
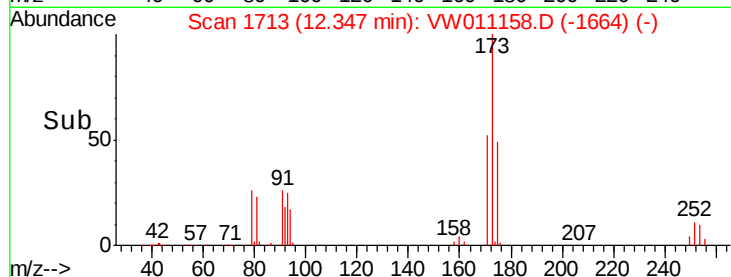
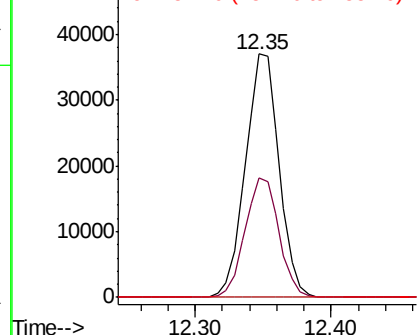
#71
Bromoform
Concen: 51.508 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 63875
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.0 0.0 0.0

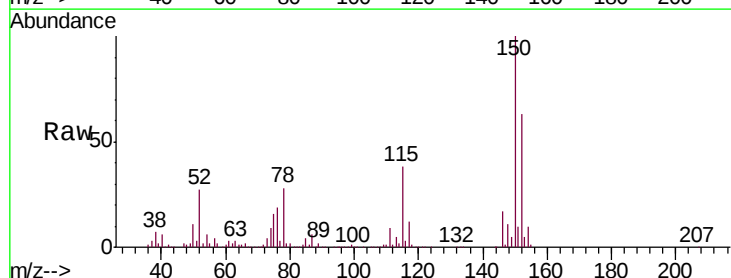


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

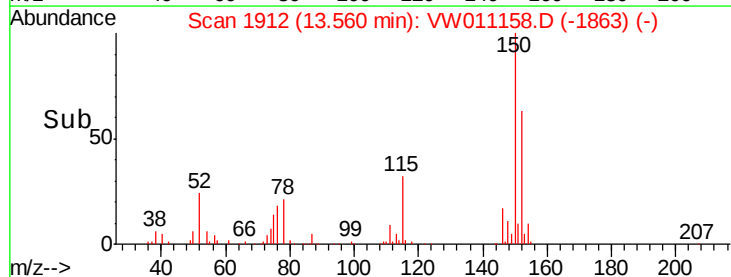
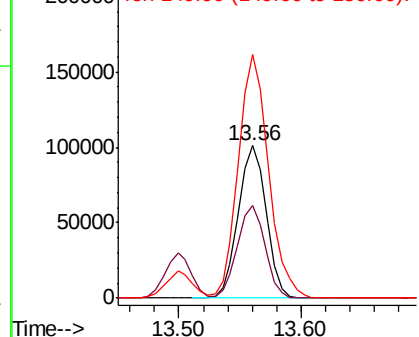


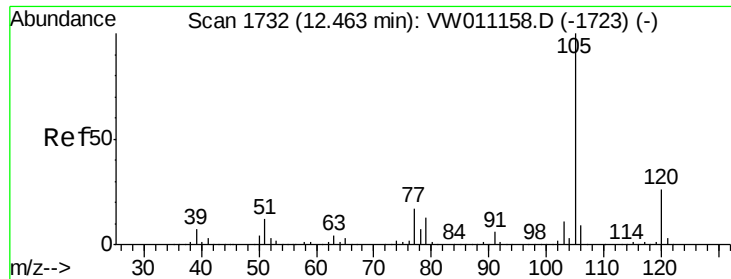
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:152 Resp: 159103
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 173.0 0.0 346.0



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





#73

Isopropylbenzene

Concen: 53.066 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

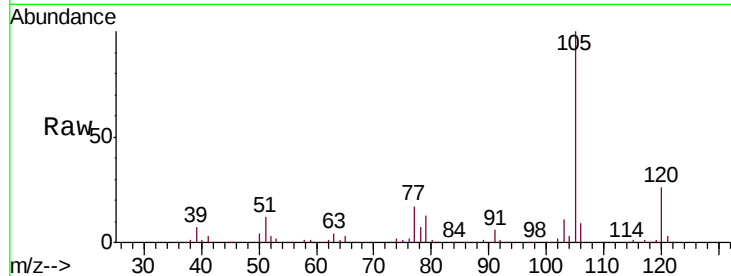
VSTDICCC050

Tgt Ion:105 Resp: 631146

Ion Ratio Lower Upper

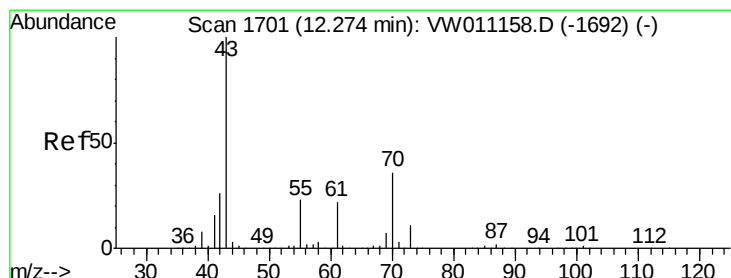
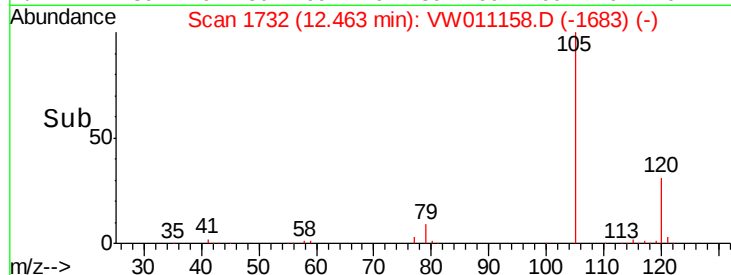
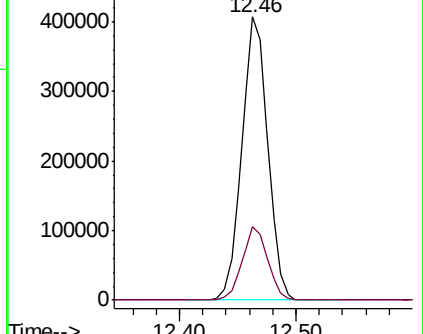
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.650 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Tgt Ion: 43 Resp: 213947

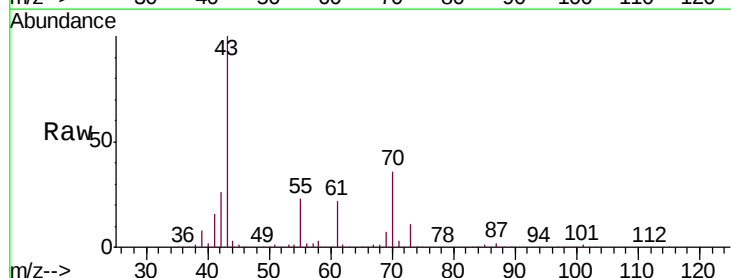
Ion Ratio Lower Upper

43 100

70 35.6 28.5 42.7

55 22.6 18.1 27.1

61 21.5 17.2 25.8

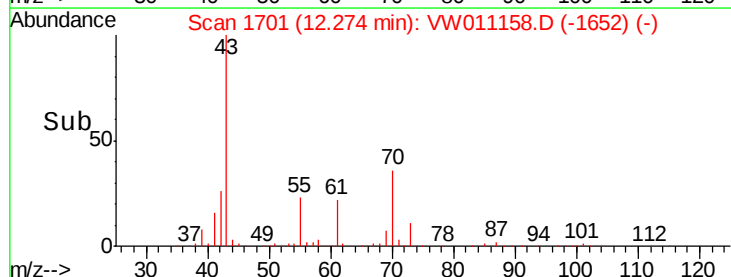
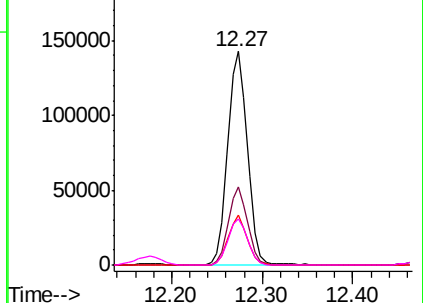


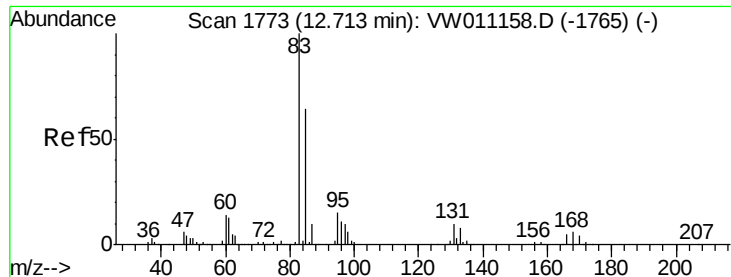
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.732 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

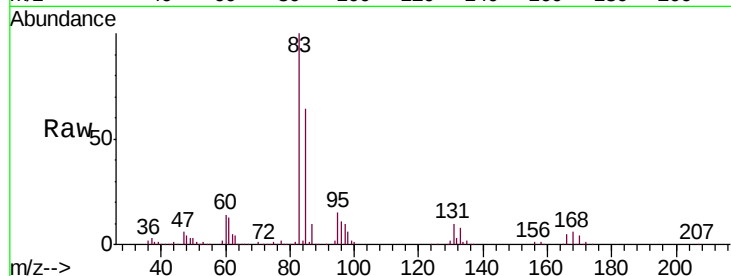
Tgt Ion: 83 Resp: 123685

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

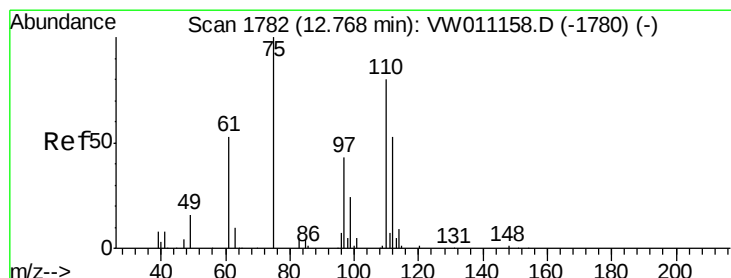
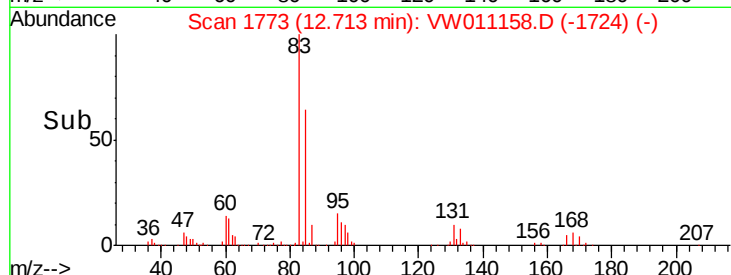
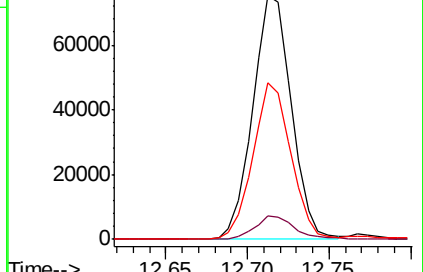
85 63.2 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.550 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011158.D

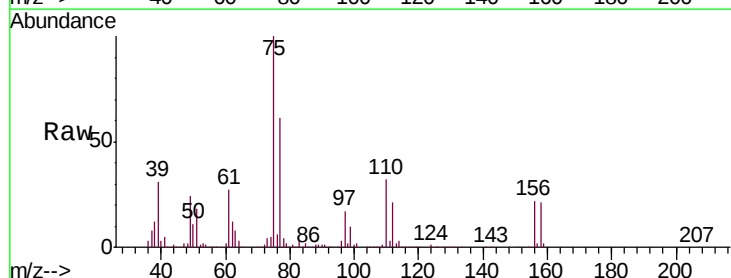
Acq: 08 Jul 2019 12:01

Tgt Ion: 75 Resp: 165097

Ion Ratio Lower Upper

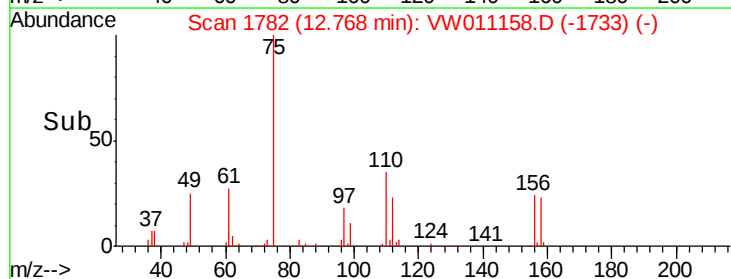
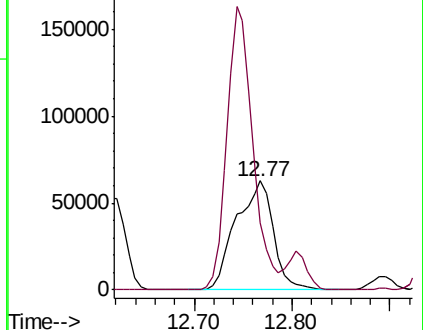
75 100

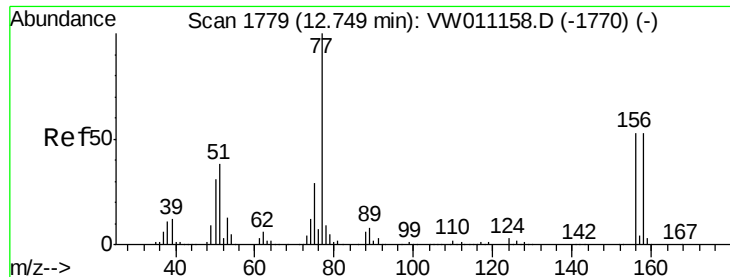
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.376 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

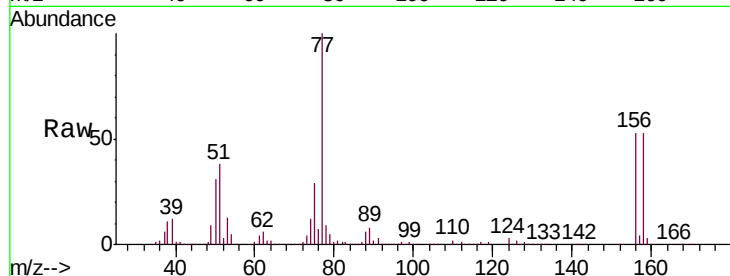
Tgt Ion:156 Resp: 137130

Ion Ratio Lower Upper

156 100

77 218.0 109.0 327.0

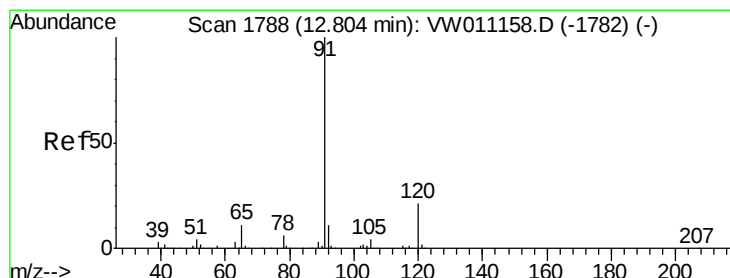
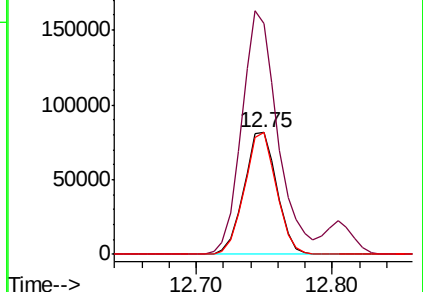
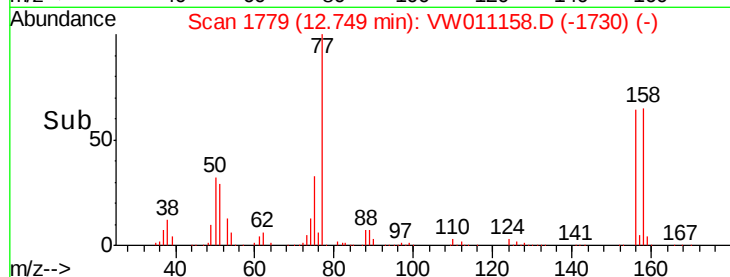
158 97.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.900 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011158.D

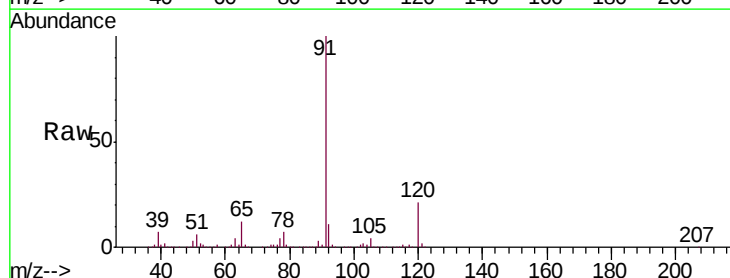
Acq: 08 Jul 2019 12:01

Tgt Ion: 91 Resp: 775047

Ion Ratio Lower Upper

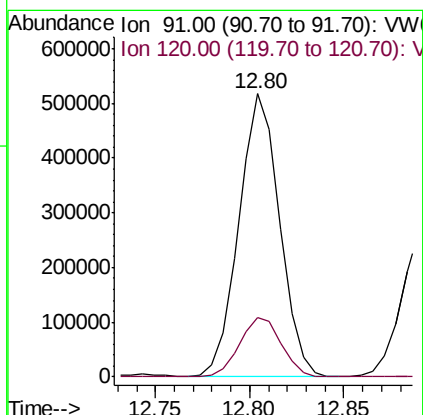
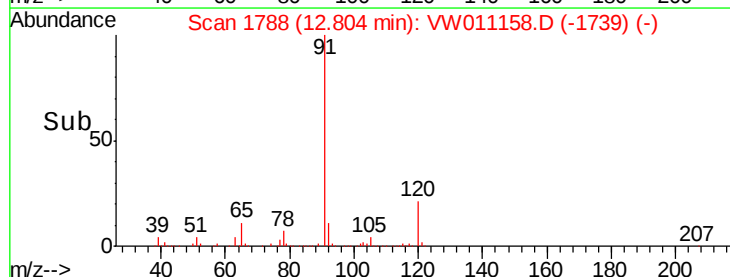
91 100

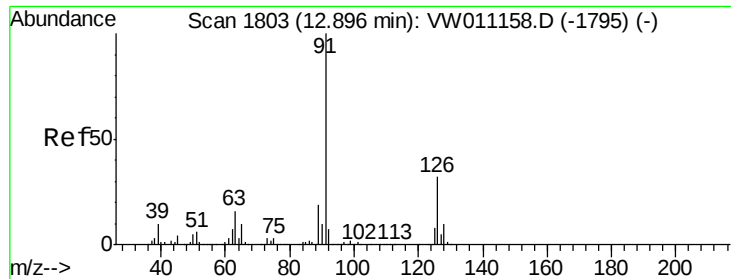
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

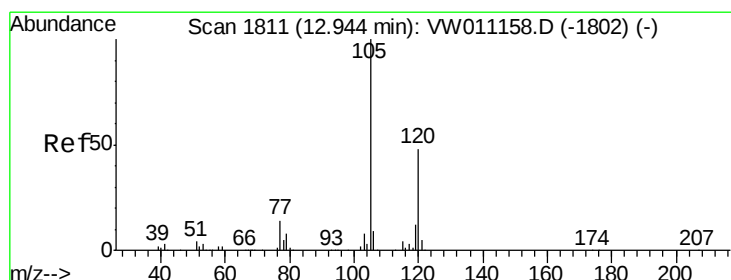
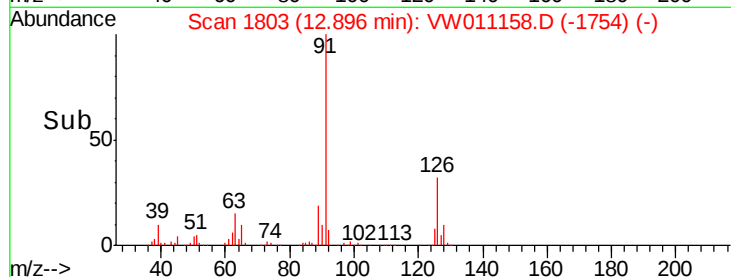
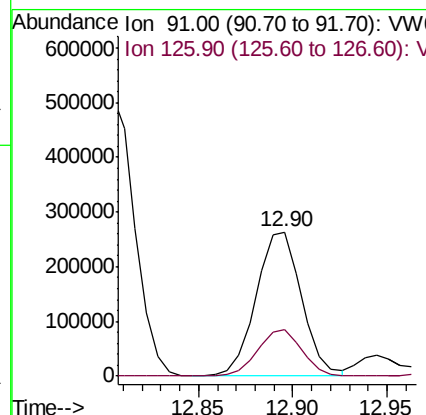
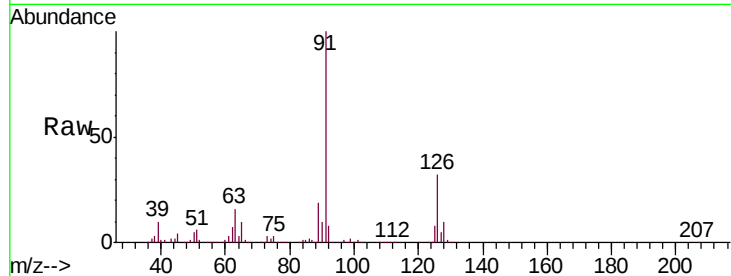




#79
2-Chlorotoluene
Concen: 52.239 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

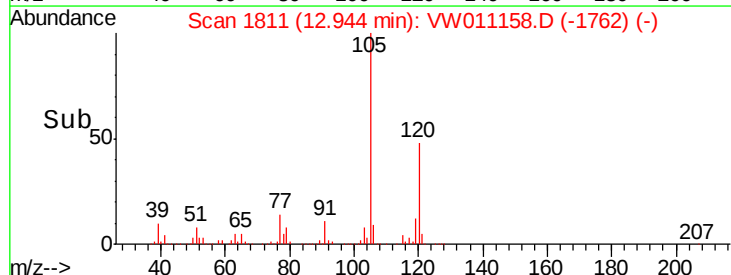
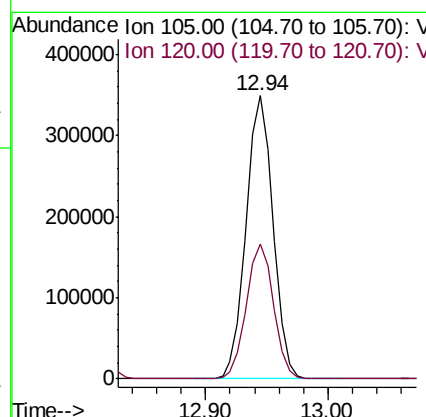
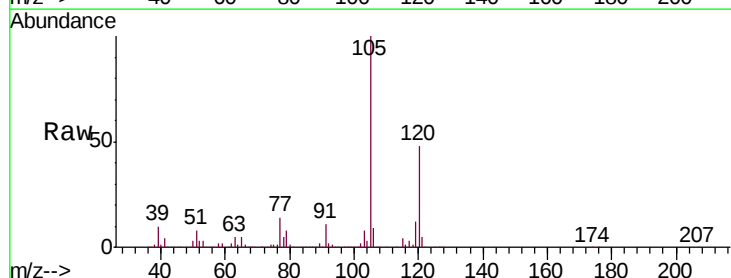
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

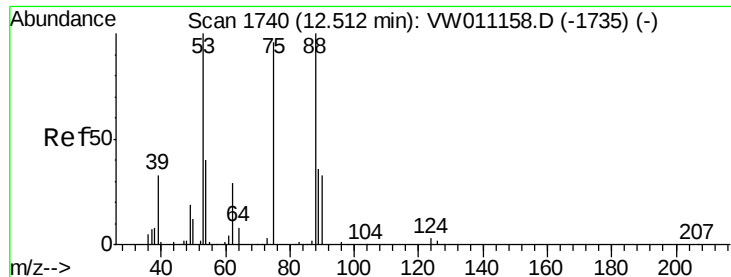
Tgt Ion: 91 Resp: 440426
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.3



#80
1,3,5-Trimethylbenzene
Concen: 52.845 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion: 105 Resp: 533956
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.440 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

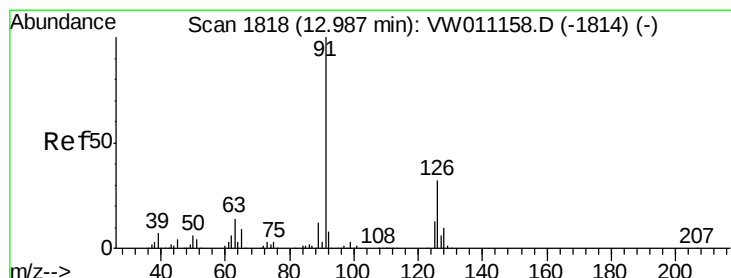
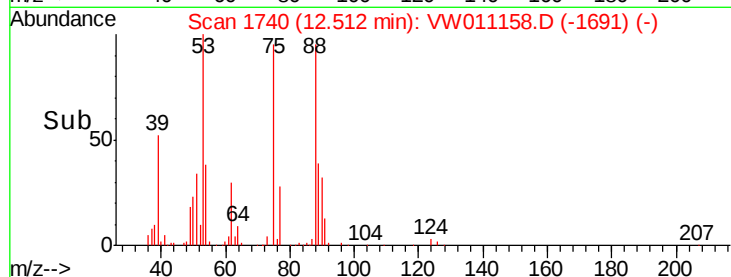
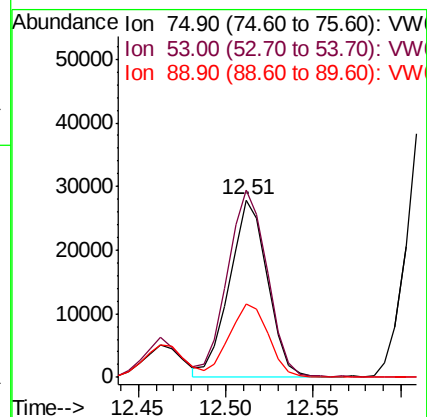
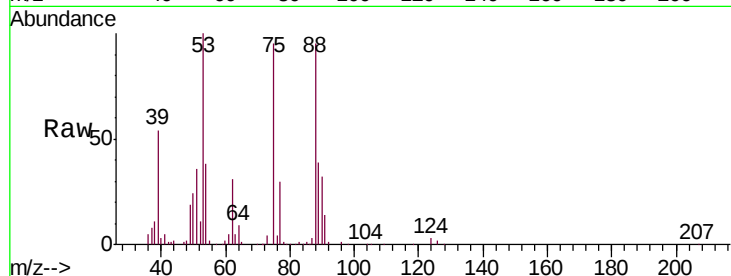
Tgt Ion: 75 Resp: 41816

Ion Ratio Lower Upper

75 100

53 112.2 89.8 134.6

89 42.9 34.3 51.5



#82

4-Chlorotoluene

Concen: 51.824 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011158.D

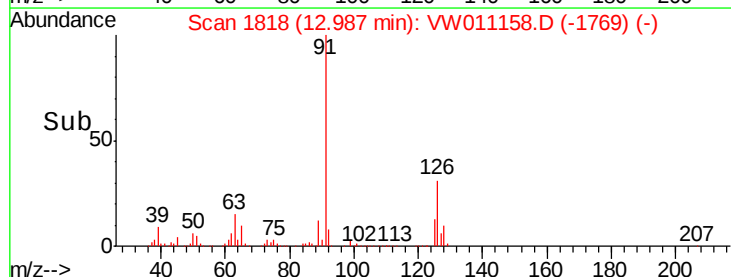
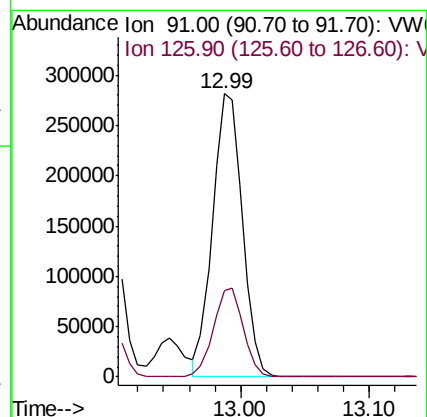
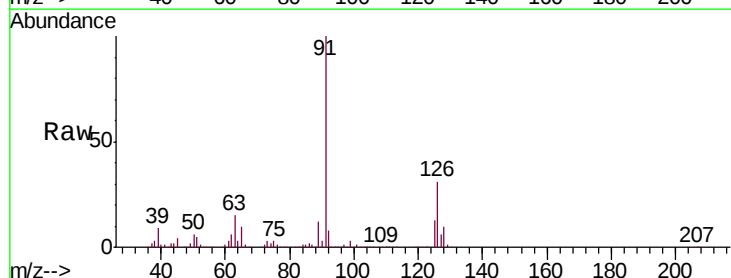
Acq: 08 Jul 2019 12:01

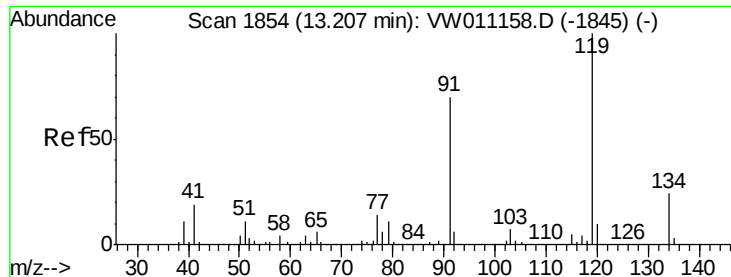
Tgt Ion: 91 Resp: 455086

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1

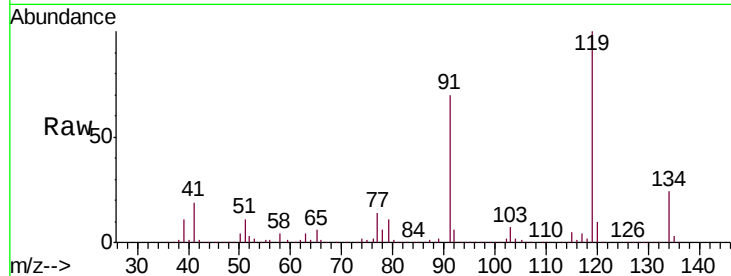




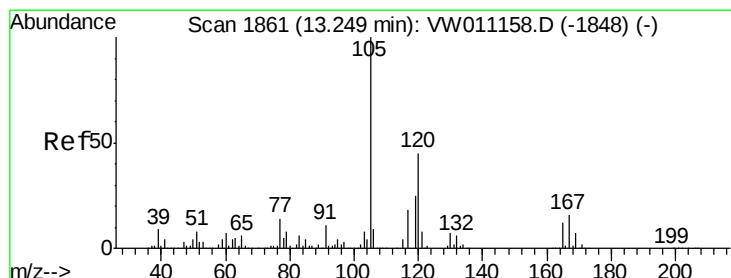
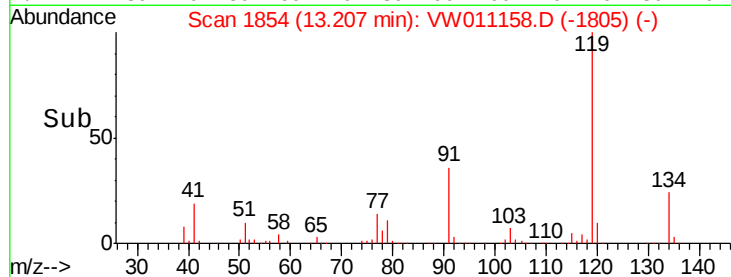
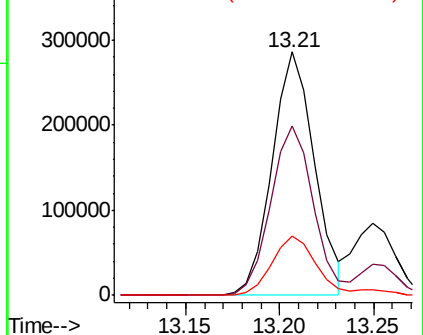
#83
tert-Butylbenzene
Concen: 52.938 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 446098
Ion Ratio Lower Upper
119 100
91 70.9 35.4 106.3
134 26.8 13.4 40.2

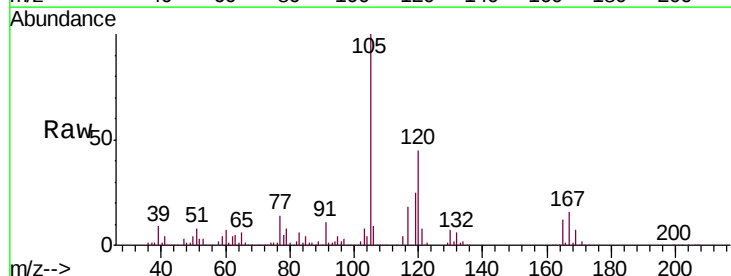


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

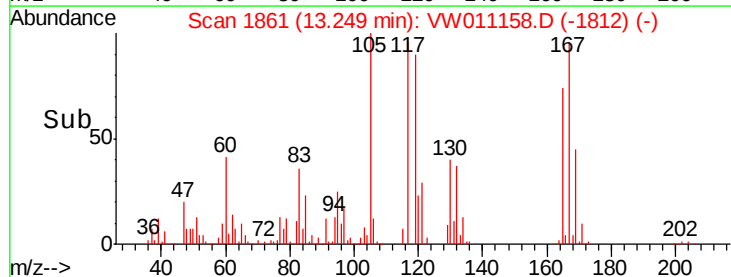
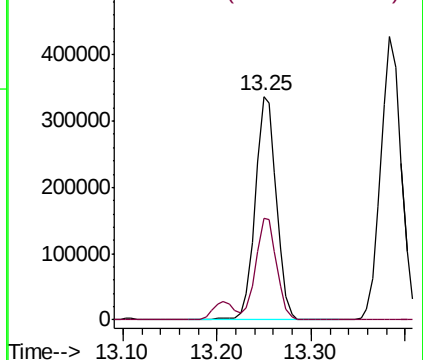


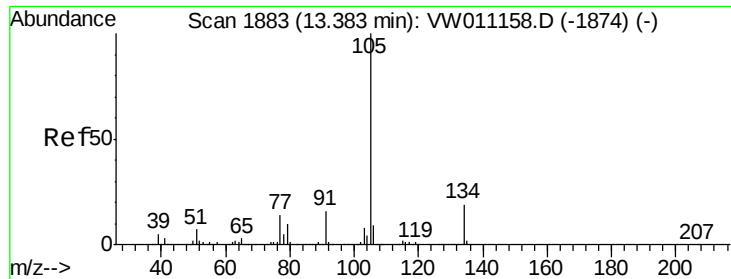
#84
1,2,4-Trimethylbenzene
Concen: 52.499 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:105 Resp: 532647
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9



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

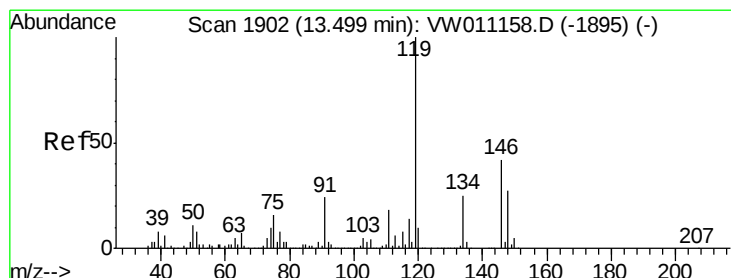
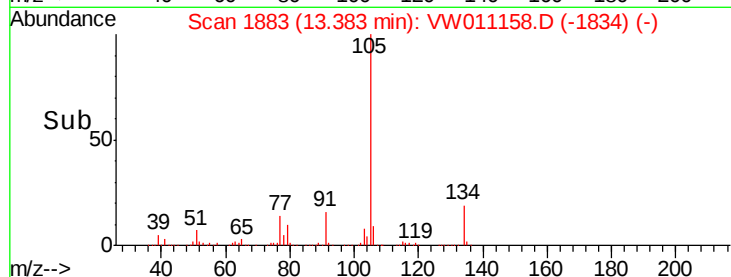
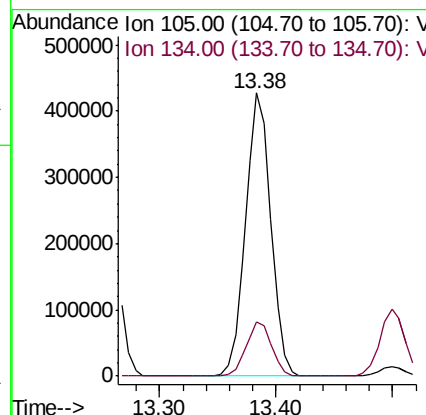
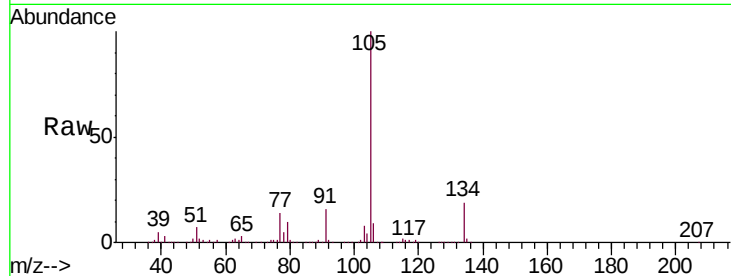




#85
 sec-Butylbenzene
 Concen: 53.173 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

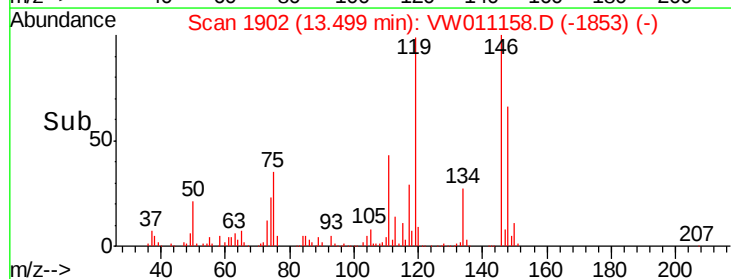
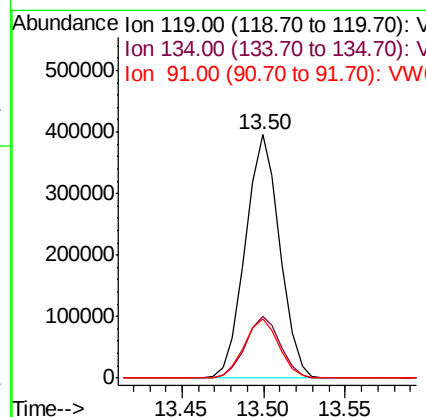
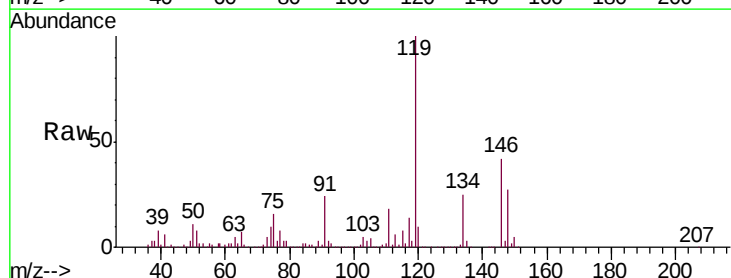
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

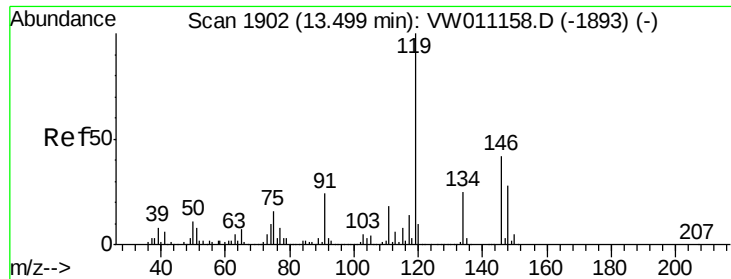
Tgt Ion:105 Resp: 646551
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.344 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion:119 Resp: 581777
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.669 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

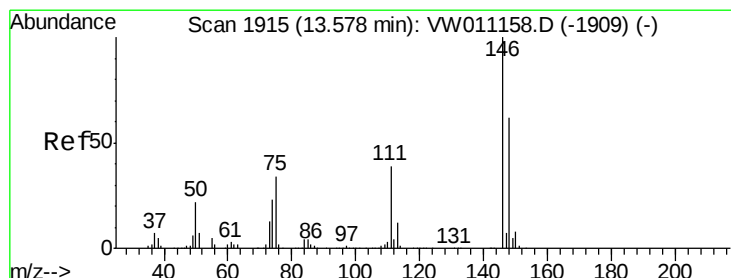
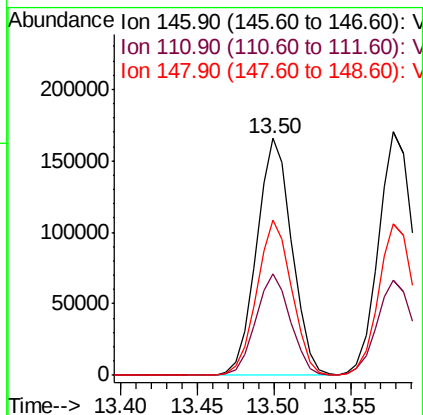
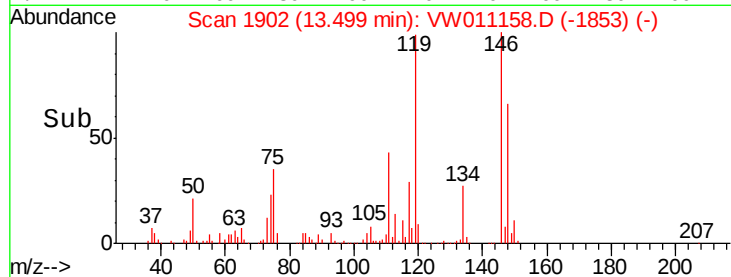
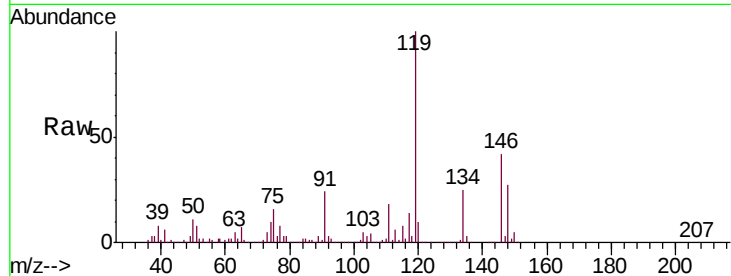
Tgt Ion:146 Resp: 265339

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

148 65.1 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 51.868 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

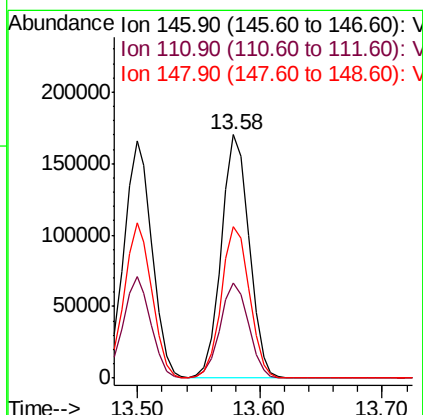
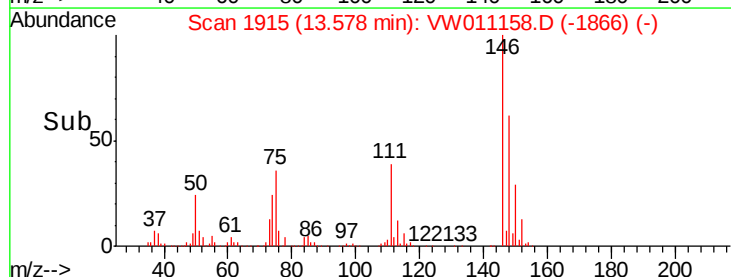
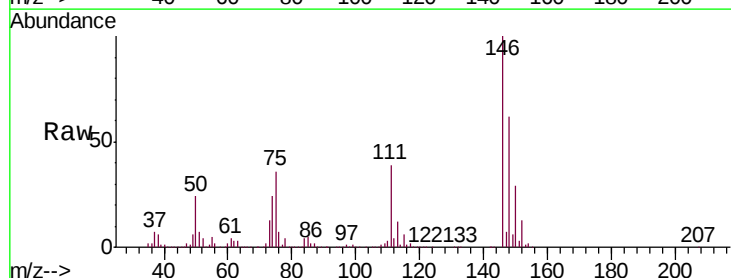
Tgt Ion:146 Resp: 268220

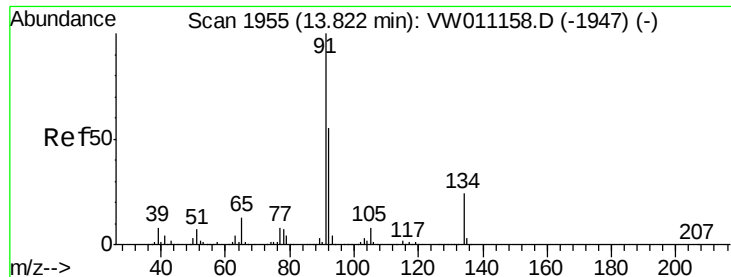
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 53.921 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011158.D

Acq: 08 Jul 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

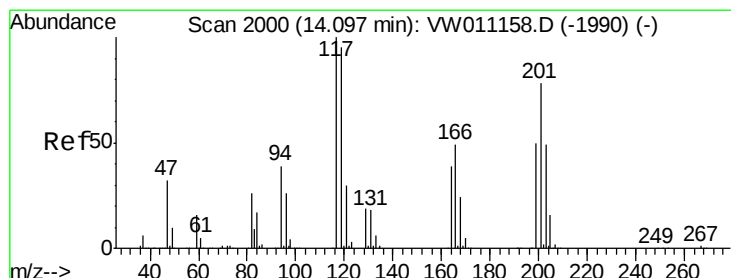
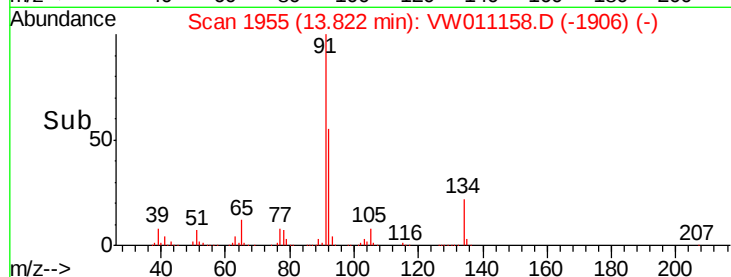
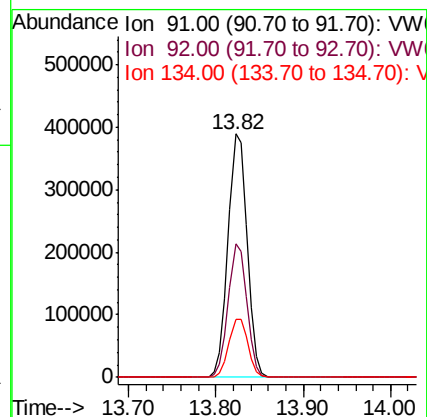
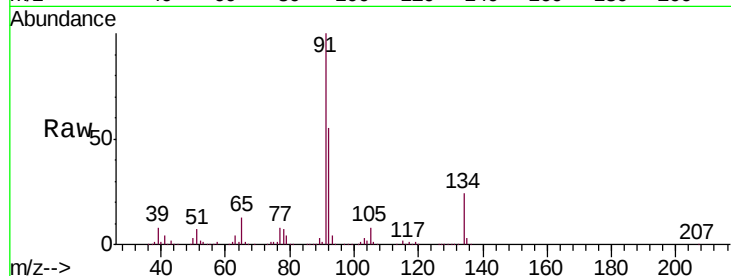
Tgt Ion: 91 Resp: 586639

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 52.782 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011158.D

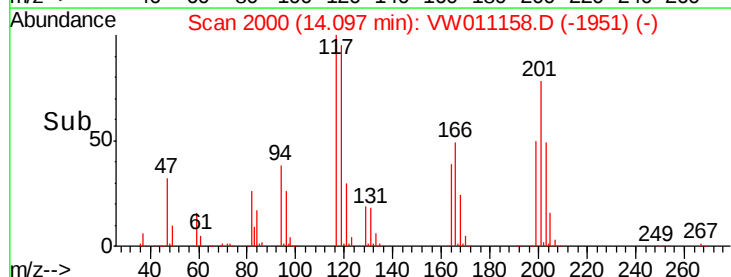
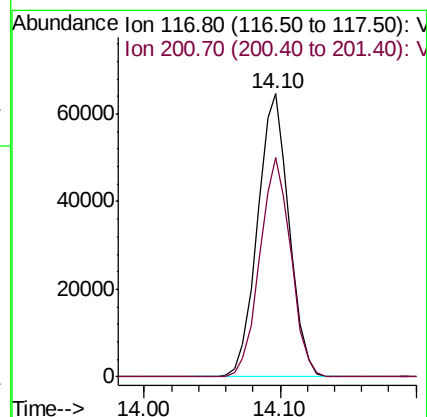
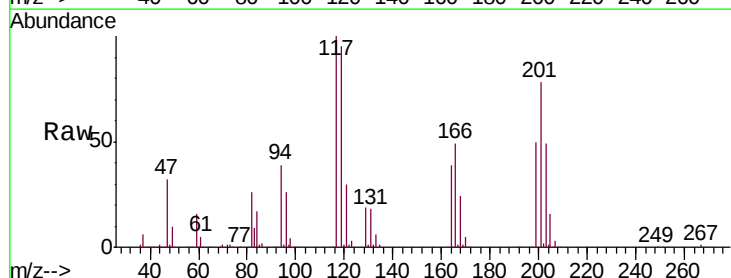
Acq: 08 Jul 2019 12:01

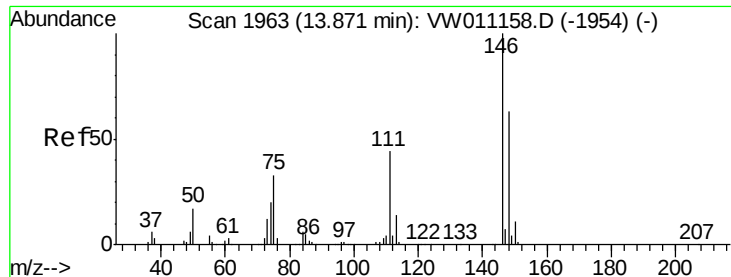
Tgt Ion: 117 Resp: 105191

Ion Ratio Lower Upper

117 100

201 76.5 38.3 114.8

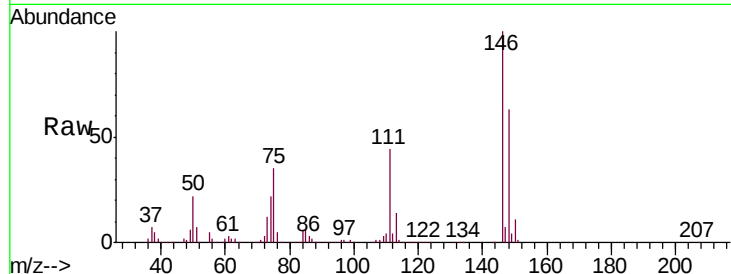




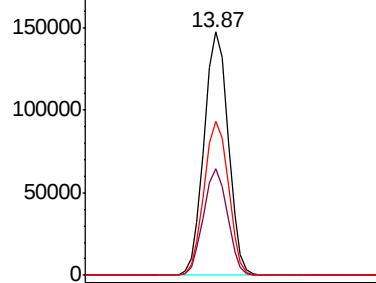
#91
 1,2-Dichlorobenzene
 Concen: 51.720 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

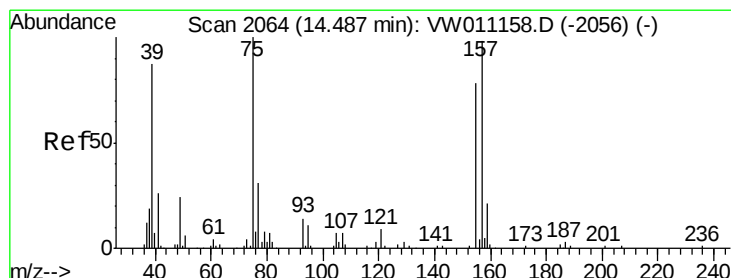
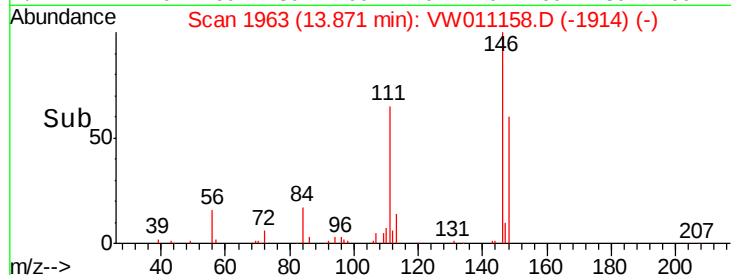
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.7	31.9	95.5



Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

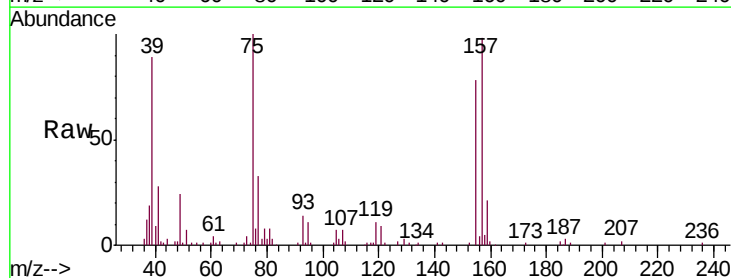


Time-->

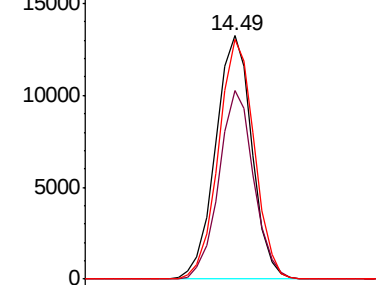


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.432 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

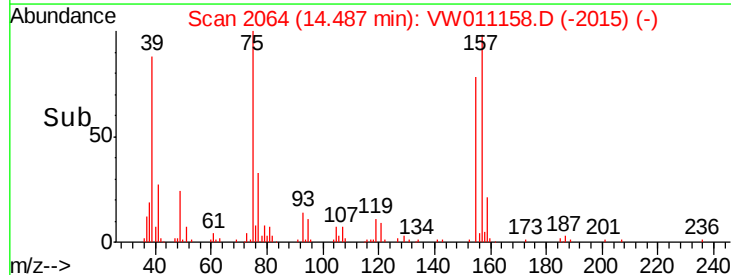
Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	37.1	111.3
157	97.1	48.5	145.6

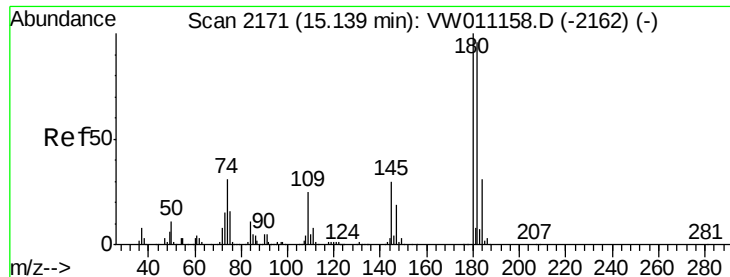


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time-->

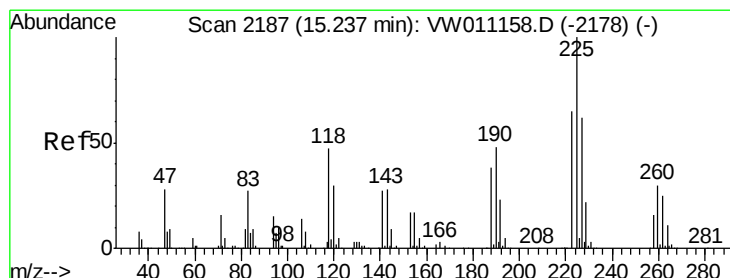
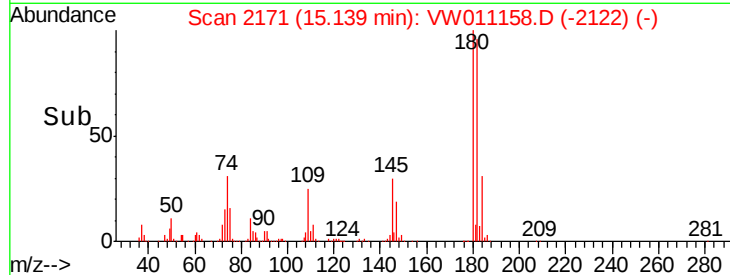
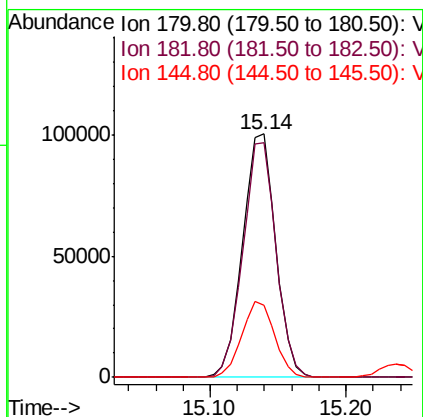
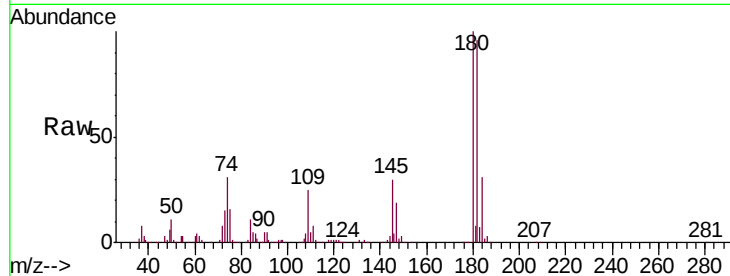




#93
 1,2,4-Trichlorobenzene
 Concen: 53.264 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

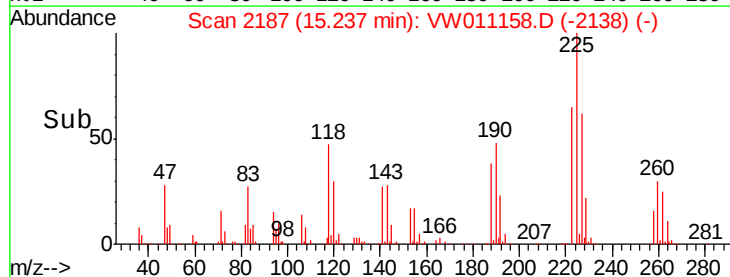
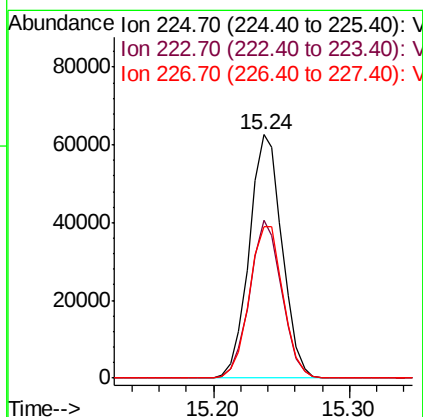
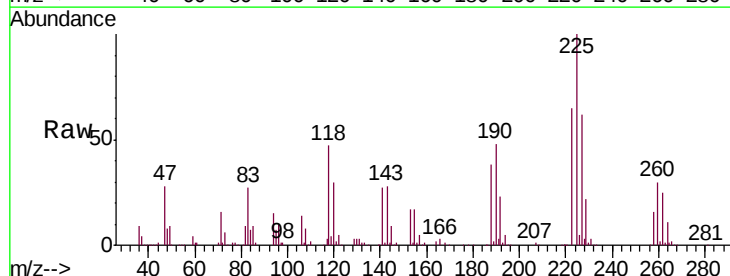
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

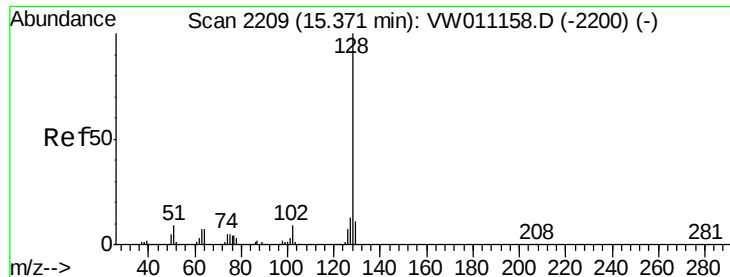
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.3	144.9
145	31.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 53.790 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011158.D
 Acq: 08 Jul 2019 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.6	95.0
227	64.0	32.0	96.0

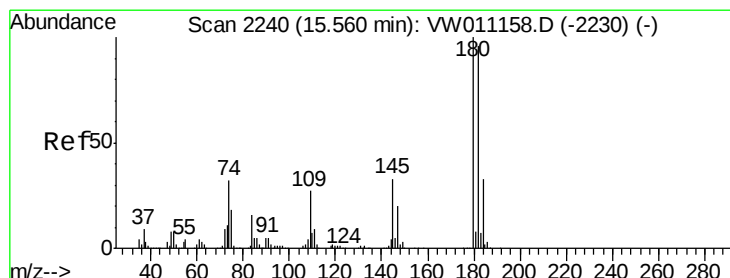
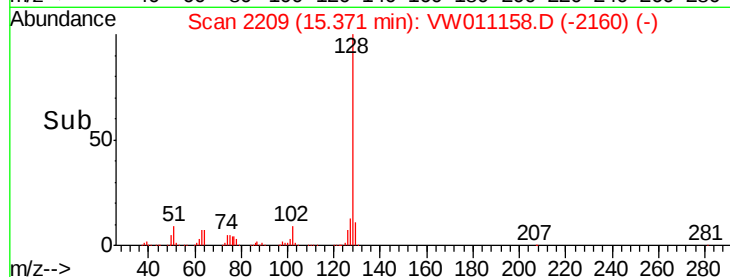
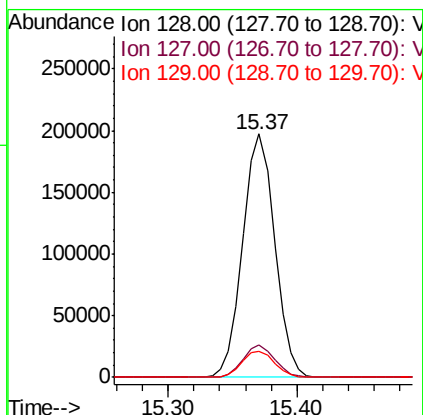
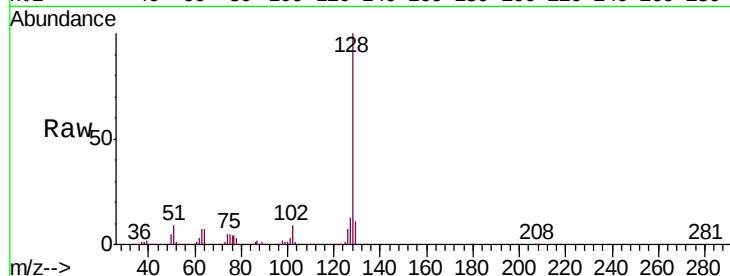




#95
Naphthalene
Concen: 55.220 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 339559
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.570 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011158.D
Acq: 08 Jul 2019 12:01

Tgt Ion:180 Resp: 154545
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 33.0 16.5 49.5

