

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011486.D
 Acq On : 24 Jul 2019 20:10
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:09:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156173	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	127028	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
35) Dibromofluoromethane	7.88	113	103465	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	10.32	98	418168	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.62	95	153225	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	61496	36.628	ug/l	95
3) Chloromethane	2.21	50	96824	44.756	ug/l	96
4) Vinyl Chloride	2.36	62	123365	43.567	ug/l	98
5) Bromomethane	2.76	94	61074	42.924	ug/l	96
6) Chloroethane	2.91	64	69207	45.377	ug/l	94
7) Trichlorofluoromethane	3.24	101	53073	52.761	ug/l	99
8) Diethyl Ether	3.68	74	62992	45.258	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106863	44.351	ug/l	100
10) Methyl Iodide	4.27	142	154126	46.509	ug/l	98
11) Tert butyl alcohol	5.17	59	48008	229.237	ug/l	98
12) 1,1-Dichloroethene	4.04	96	113569	45.413	ug/l	94
13) Acrolein	3.88	56	38423	230.404	ug/l	99
14) Allyl chloride	4.66	41	227533	49.894	ug/l	97
15) Acrylonitrile	5.36	53	169666	239.354	ug/l	100
16) Acetone	4.12	43	171938	252.624	ug/l	97
17) Carbon Disulfide	4.38	76	317638	41.896	ug/l	99
18) Methyl Acetate	4.67	43	89083	45.911	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	181921	47.943	ug/l	100
20) Methylene Chloride	4.92	84	131055	48.811	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	119243	45.888	ug/l	95
22) Diisopropyl ether	6.31	45	456594	46.551	ug/l	98
23) Vinyl Acetate	6.25	43	1456164	239.889	ug/l	100
24) 1,1-Dichloroethane	6.21	63	240461	46.687	ug/l	99
25) 2-Butanone	7.16	43	255962	239.580	ug/l	100
26) 2,2-Dichloropropane	7.16	77	125904	47.026	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	131607	46.950	ug/l	99
28) Bromochloromethane	7.51	49	100484	42.906	ug/l #	98
29) Tetrahydrofuran	7.52	42	162289	231.661	ug/l	100
30) Chloroform	7.67	83	219402	45.997	ug/l	98
31) Cyclohexane	7.96	56	233927	42.692	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	167587	46.187	ug/l	99
36) 1,1-Dichloropropene	8.08	75	178866	46.316	ug/l	100
37) Ethyl Acetate	7.25	43	107765	46.444	ug/l	100
38) Carbon Tetrachloride	8.07	117	151993	46.427	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	216144	46.177	ug/l	99
40) Benzene	8.32	78	504275	47.249	ug/l	99
41) Methacrylonitrile	7.48	41	68012	51.250	ug/l	92
42) 1,2-Dichloroethane	8.40	62	157587	45.517	ug/l	99
43) Isopropyl Acetate	8.42	43	204261	46.627	ug/l	100
44) Trichloroethene	9.09	130	122638	47.750	ug/l	99
45) 1,2-Dichloropropane	9.37	63	137286	47.501	ug/l	99
46) Dibromomethane	9.46	93	63685	46.908	ug/l	97
47) Bromodichloromethane	9.65	83	161762	46.567	ug/l	98
48) Methyl methacrylate	9.43	41	99278	47.106	ug/l	98
49) 1,4-Dioxane	9.44	88	21442	946.185	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	546116	238.647	ug/l	100
52) Toluene	10.39	92	309557	47.814	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	167634	45.336	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	200428	46.051	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90505	46.990	ug/l	97
56) Ethyl methacrylate	10.65	69	138547	47.248	ug/l	96
57) 1,3-Dichloropropane	10.93	76	168674	46.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	334477	246.041	ug/l	99
59) 2-Hexanone	10.97	43	377762	238.036	ug/l	99
60) Dibromochloromethane	11.13	129	98487	46.631	ug/l	100
61) 1,2-Dibromoethane	11.23	107	85190	46.695	ug/l	100
64) Tetrachloroethene	10.86	164	102331	47.429	ug/l	97
65) Chlorobenzene	11.66	112	309074	47.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	109416	47.802	ug/l	98
67) Ethyl Benzene	11.73	91	598266	48.073	ug/l	98
68) m/p-Xylenes	11.84	106	438612	97.403	ug/l	98
69) o-Xylene	12.16	106	204358	48.150	ug/l	99
70) Styrene	12.18	104	360512	49.218	ug/l	99
71) Bromoform	12.35	173	56859	46.721	ug/l #	98
73) Isopropylbenzene	12.46	105	569743	48.802	ug/l	100
74) N-amyl acetate	12.27	43	188201	46.287	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	110453	46.155	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146161	80.986	ug/l #	100
77) Bromobenzene	12.75	156	124670	47.585	ug/l	98
78) n-propylbenzene	12.80	91	692468	48.150	ug/l	100
79) 2-Chlorotoluene	12.89	91	397733	48.060	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	476078	48.001	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35675	44.709	ug/l	97
82) 4-Chlorotoluene	12.99	91	414801	48.122	ug/l	100
83) tert-Butylbenzene	13.21	119	404051	48.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	476792	47.876	ug/l	100
85) sec-Butylbenzene	13.38	105	571440	47.877	ug/l	99
86) p-Isopropyltoluene	13.50	119	517845	48.373	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240324	47.676	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	239130	47.110	ug/l	100
89) n-Butylbenzene	13.82	91	516455	48.361	ug/l	99
90) Hexachloroethane	14.09	117	90231	46.125	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	215279	47.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19002	44.765	ug/l	96

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QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration

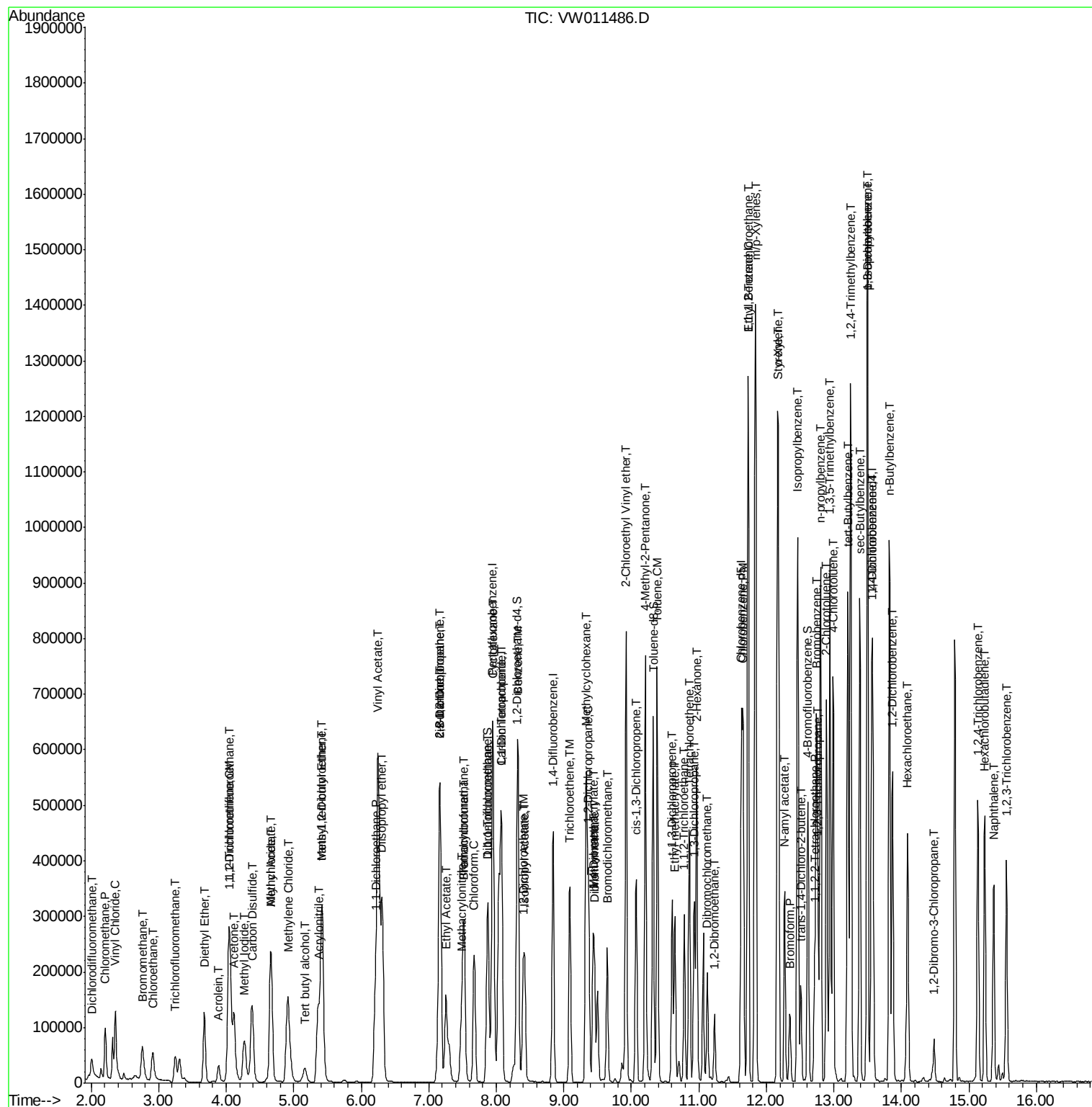
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	156662	49.737	ug/l	99
94) Hexachlorobutadiene	15.24	225	95206	49.233	ug/l	99
95) Naphthalene	15.37	128	298665	49.481	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	137537	49.476	ug/l	99

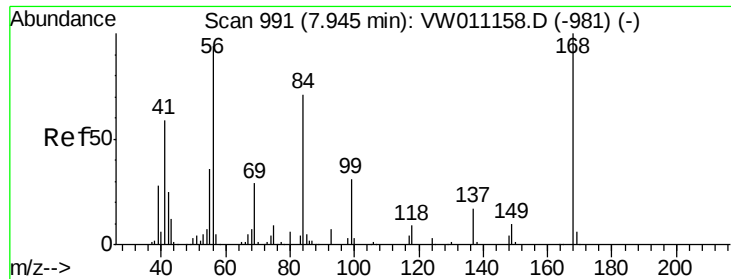
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011486.D

Acq: 24 Jul 2019 20:10

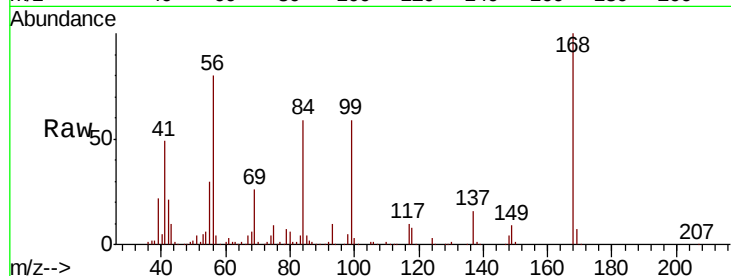
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 225116

Ion Ratio Lower Upper

168 100

99 58.7 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

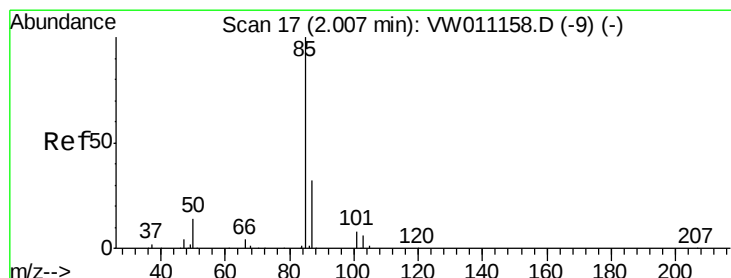
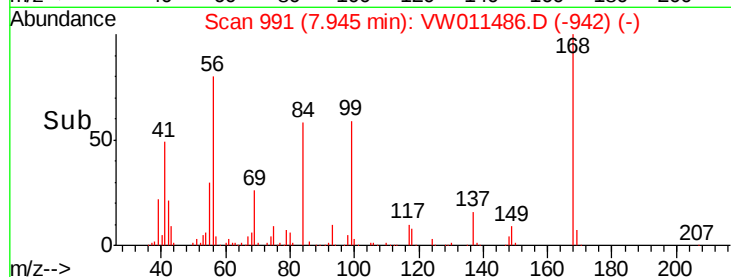
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 36.628 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011486.D

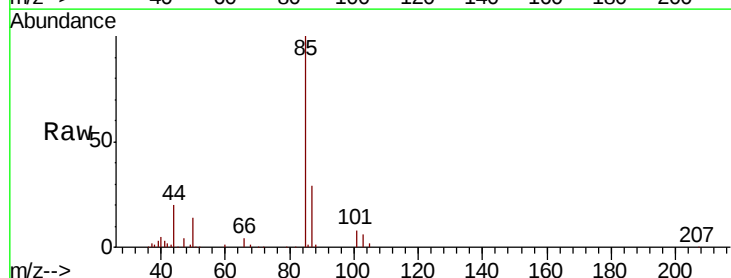
Acq: 24 Jul 2019 20:10

Tgt Ion: 85 Resp: 61496

Ion Ratio Lower Upper

85 100

87 29.0 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

20000

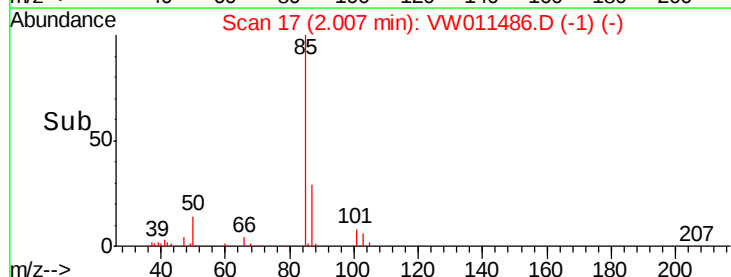
15000

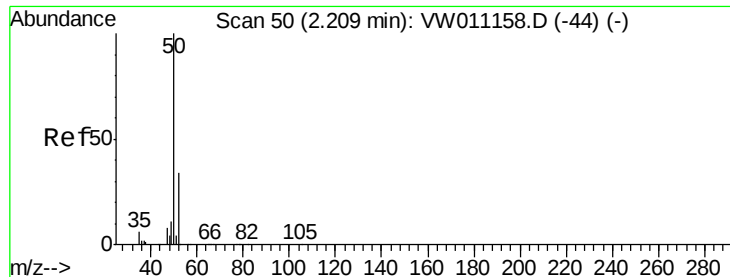
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 44.756 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

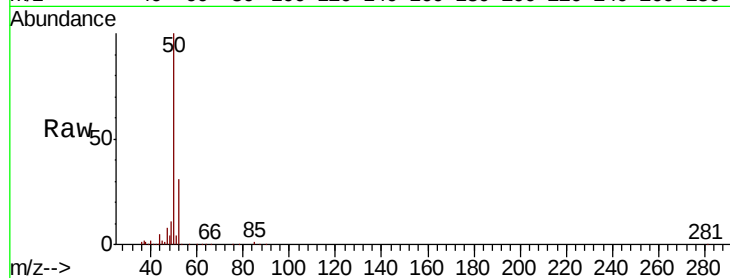
ClientSampled :

Tot Ion: 50 Resp: 96824

Ion Ratio Lower Upper

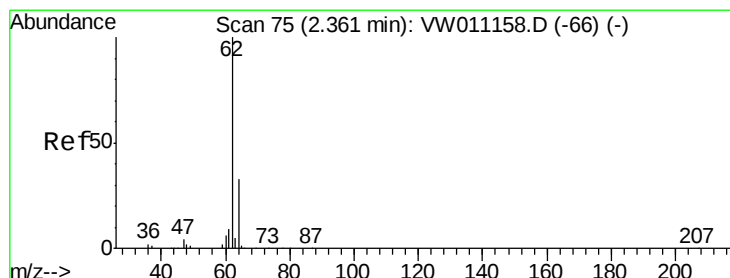
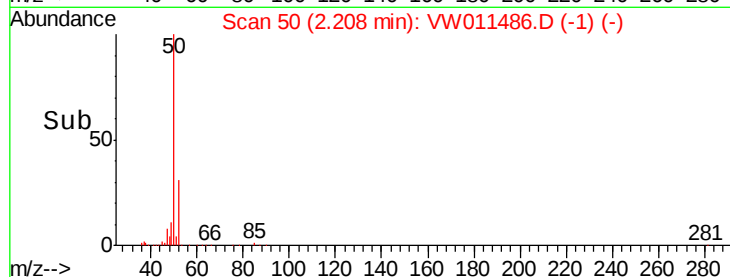
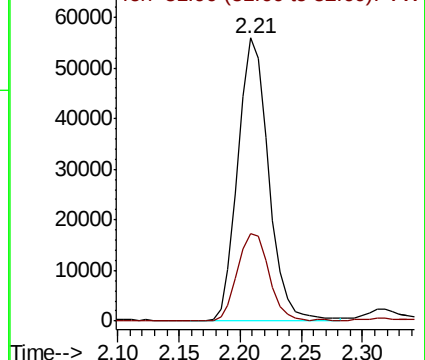
50 100

52 31.2 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 43.567 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011486.D

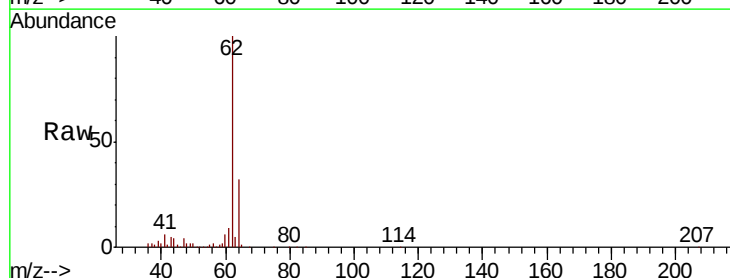
Acq: 24 Jul 2019 20:10

Tgt Ion: 62 Resp: 123365

Ion Ratio Lower Upper

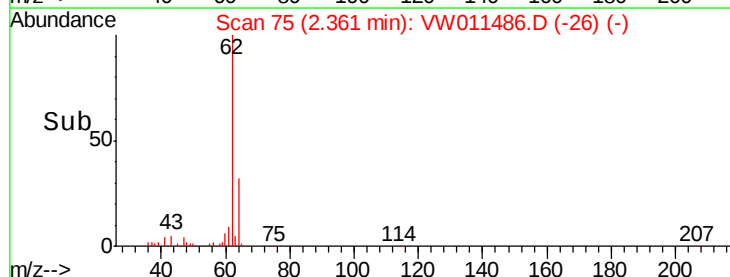
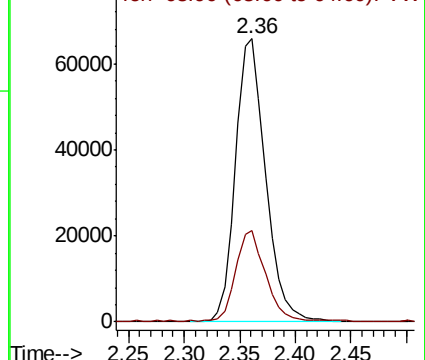
62 100

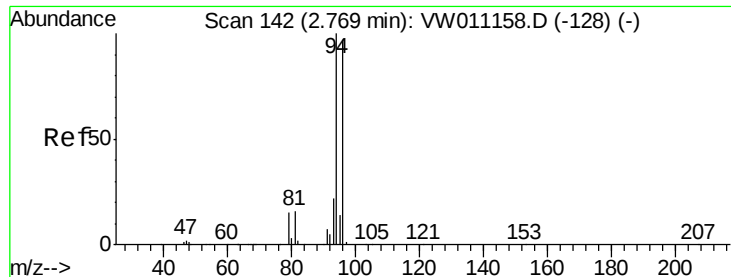
64 31.9 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 42.924 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

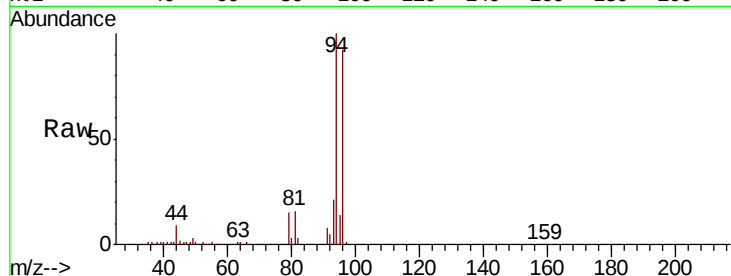
ClientSampleId :

Tot Ion: 94 Resp: 61074

Ion Ratio Lower Upper

94 100

96 92.8 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

20000

15000

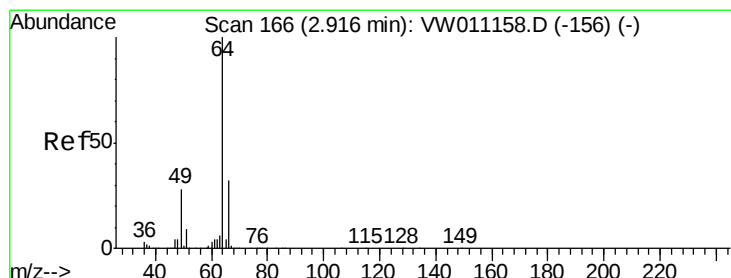
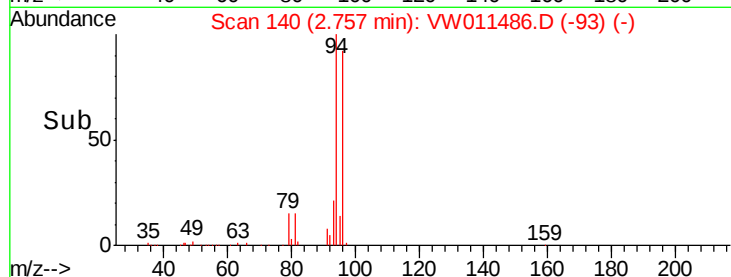
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 45.377 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011486.D

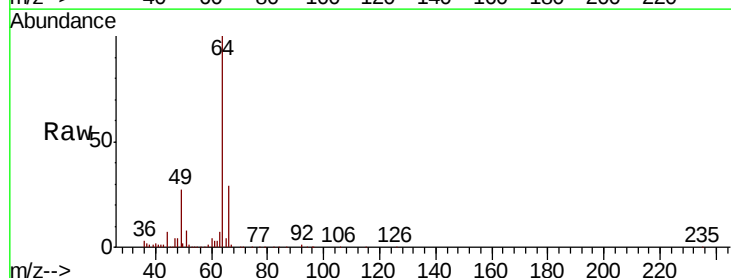
Acq: 24 Jul 2019 20:10

Tgt Ion: 64 Resp: 69207

Ion Ratio Lower Upper

64 100

66 28.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

25000

20000

15000

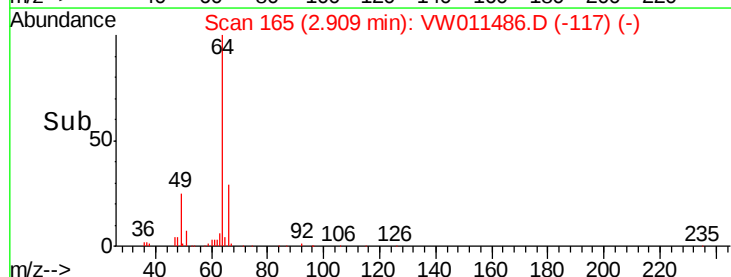
10000

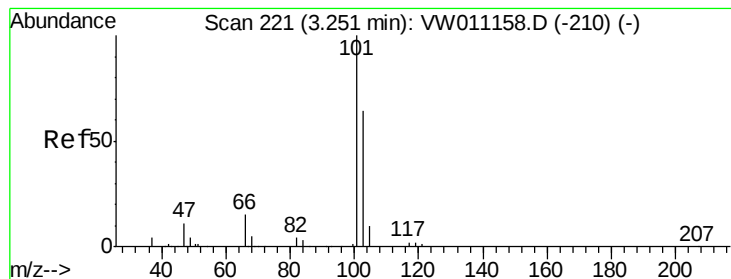
5000

0

Time-->

2.80 2.90 3.00



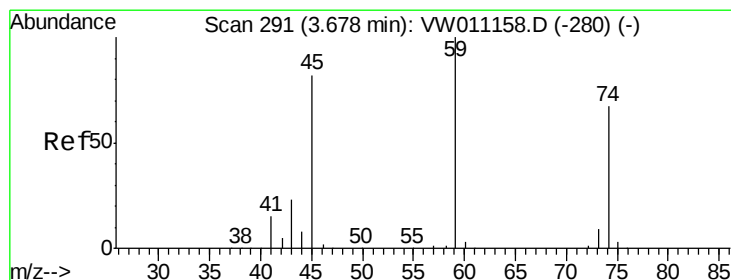
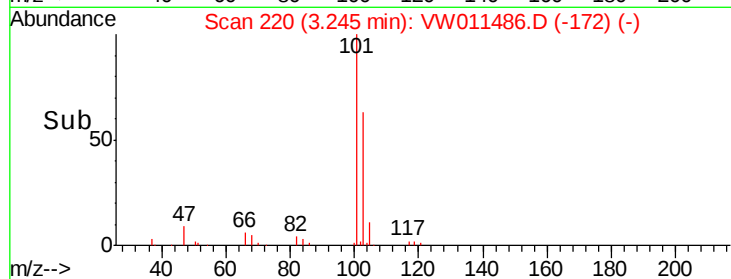
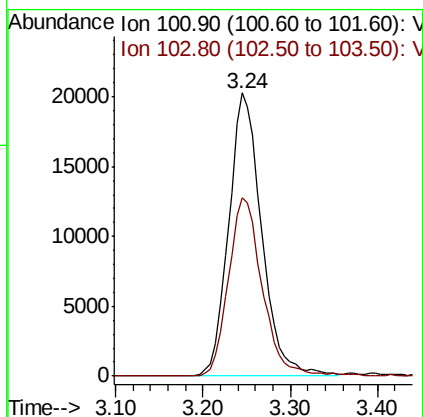
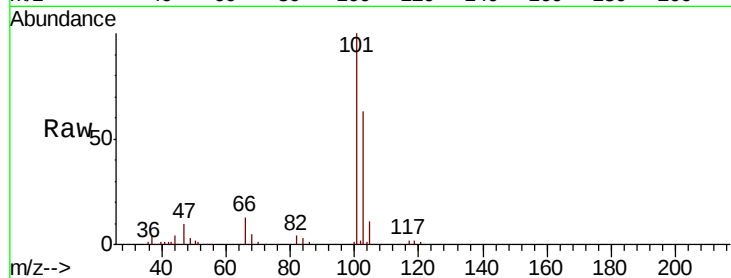


#7

Trichlorofluoromethane
 Concen: 52.761 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Instrument :
 MSVOA_W
 ClientSampleId :

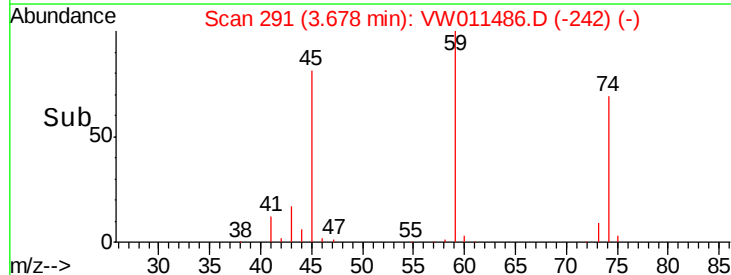
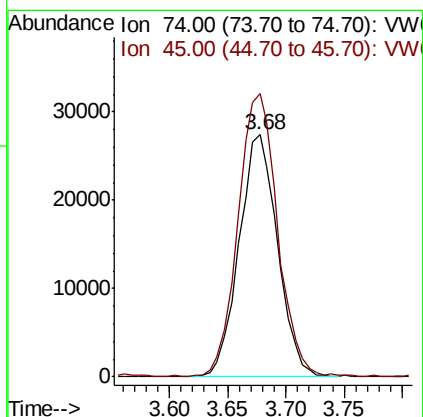
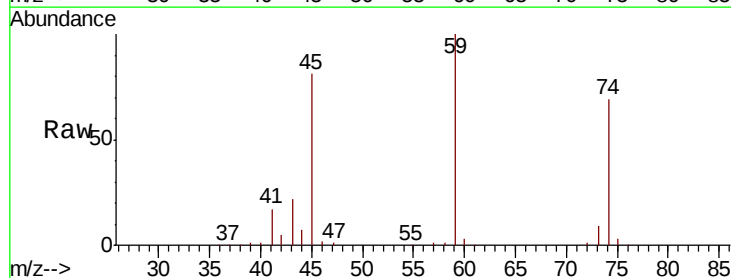
Tot Ion:101 Resp: 53073
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.3 76.9



#8

Diethyl Ether
 Concen: 45.258 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion: 74 Resp: 62992
 Ion Ratio Lower Upper
 74 100
 45 119.5 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.351 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampled :

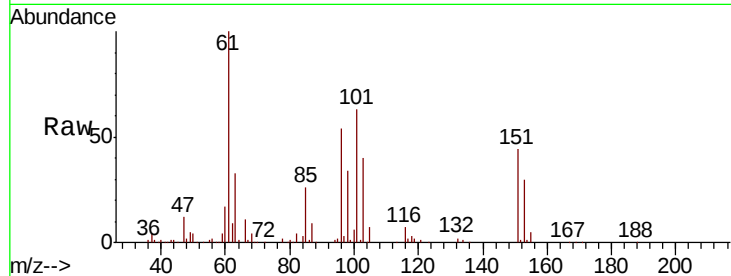
Tot Ion:101 Resp: 106863

Ion Ratio Lower Upper

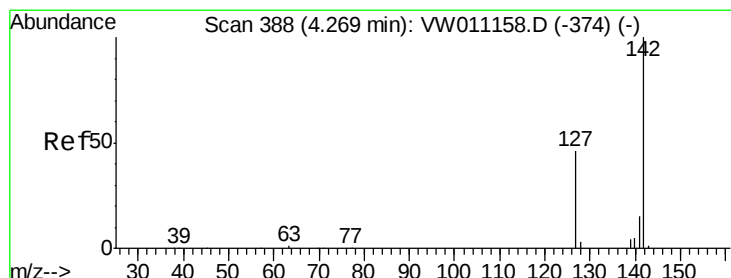
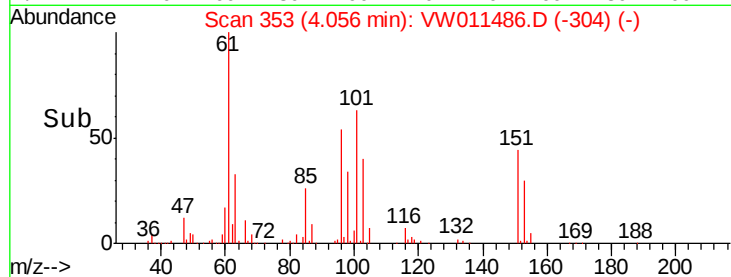
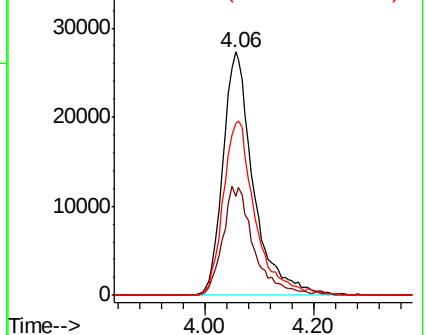
101 100

85 45.7 36.5 54.7

151 74.2 59.1 88.7



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



#10

Methyl Iodide

Concen: 46.509 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

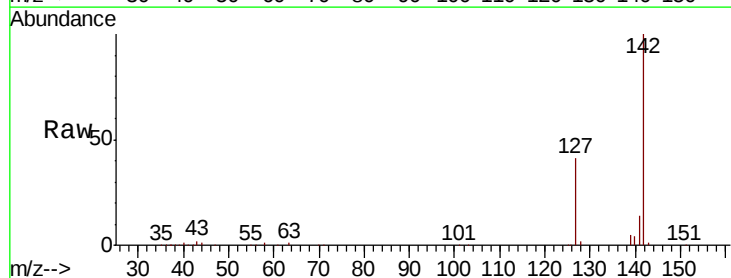
Tgt Ion:142 Resp: 154126

Ion Ratio Lower Upper

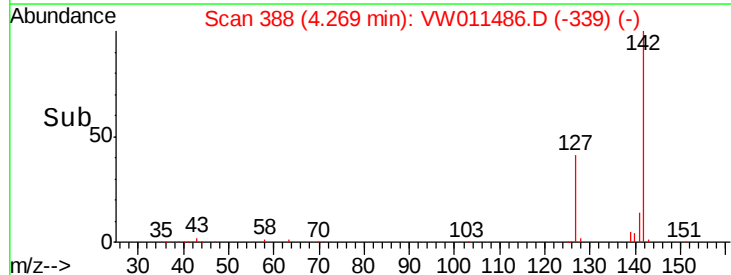
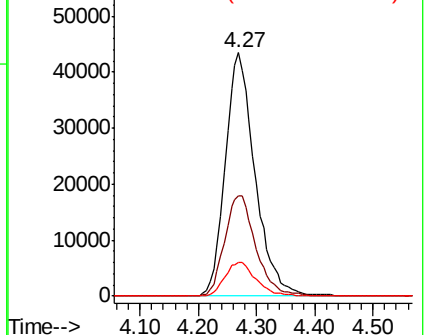
142 100

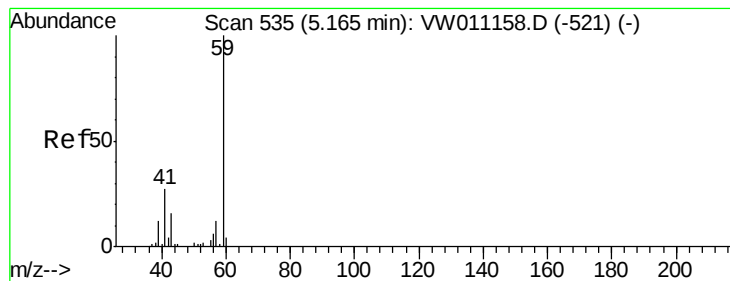
127 43.3 35.7 53.5

141 14.7 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



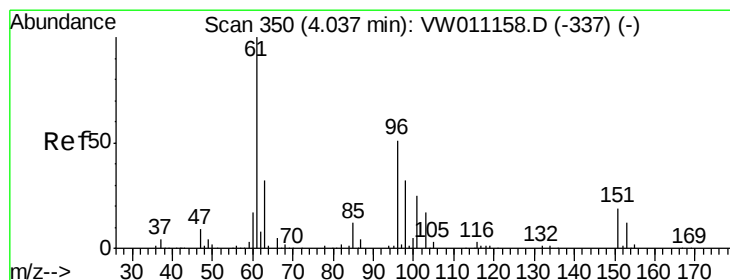
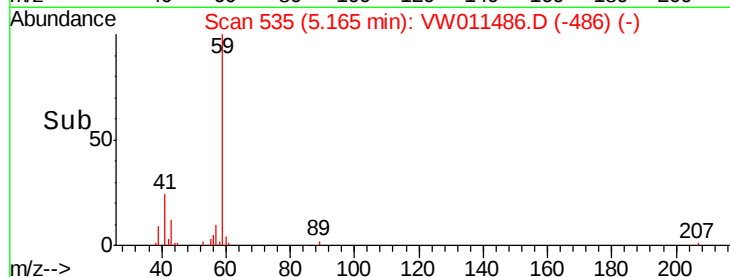
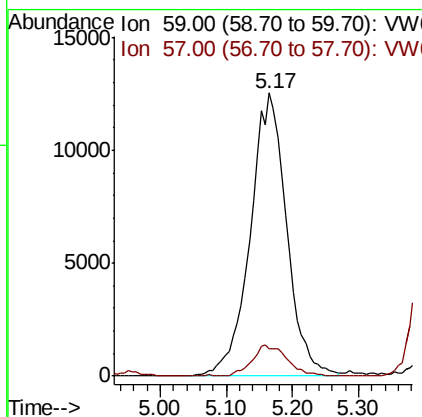
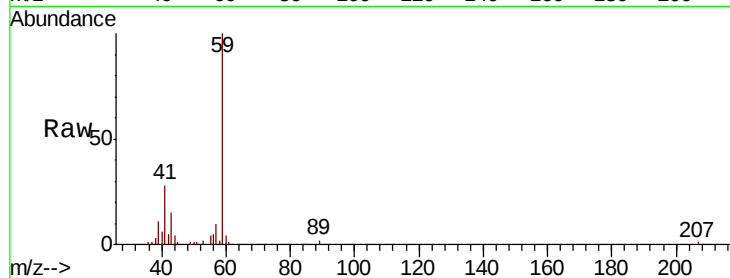


#11

Tert butyl alcohol
Concen: 229.237 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampled :

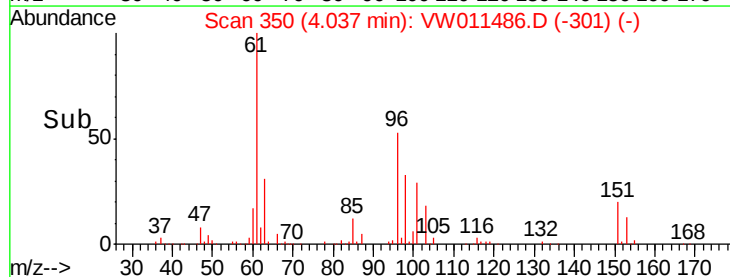
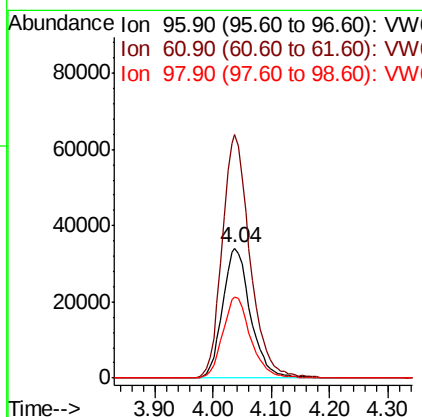
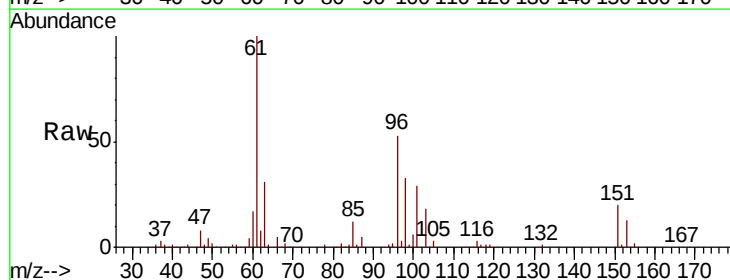
Tot Ion: 59 Resp: 48008
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.6

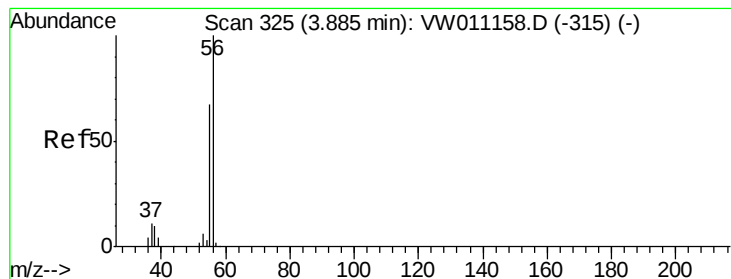


#12

1,1-Dichloroethene
Concen: 45.413 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 96 Resp: 113569
Ion Ratio Lower Upper
96 100
61 187.1 157.7 236.5
98 61.9 50.9 76.3





#13

Acrolein

Concen: 230.404 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

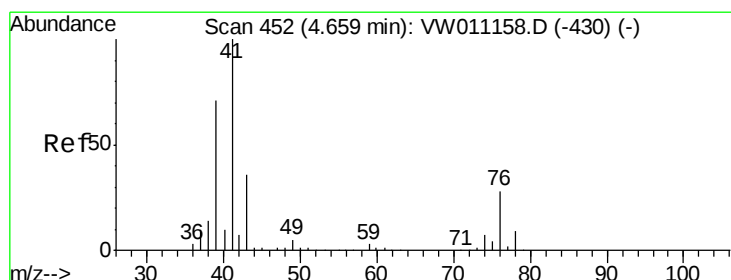
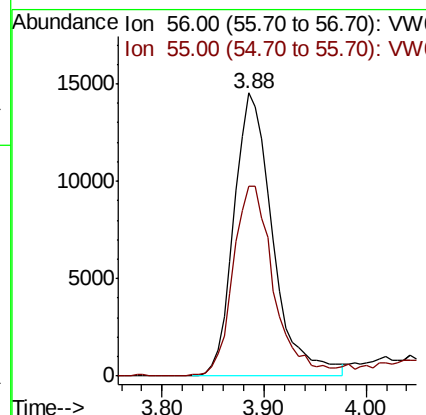
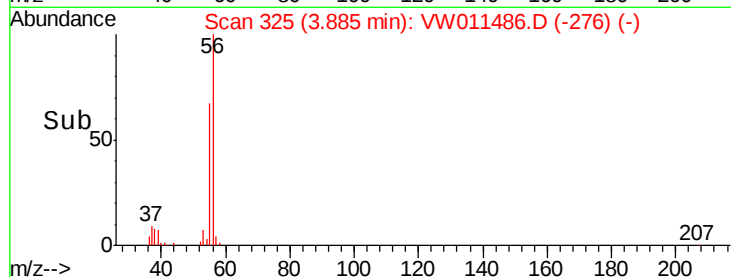
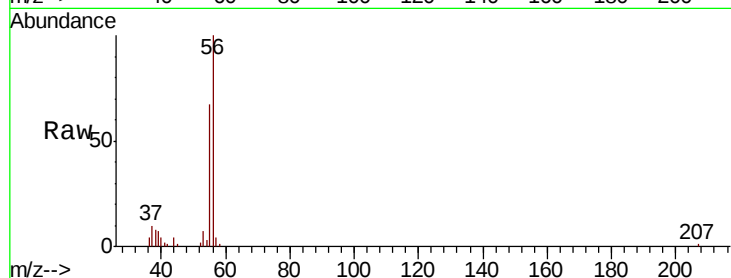
ClientSampleId :

Tot Ion: 56 Resp: 38423

Ion Ratio Lower Upper

56 100

55 69.9 56.4 84.6



#14

Allyl chloride

Concen: 49.894 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

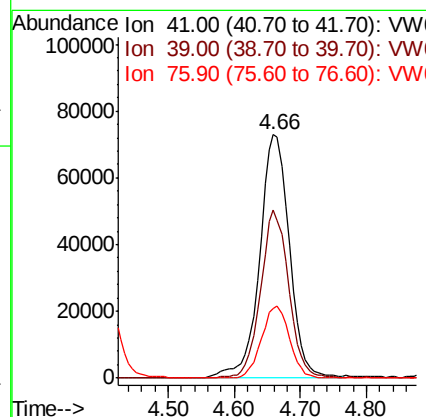
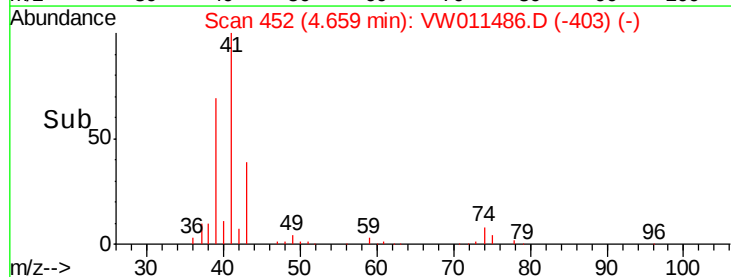
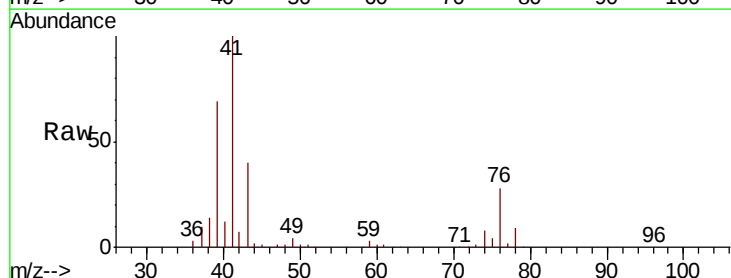
Tgt Ion: 41 Resp: 227533

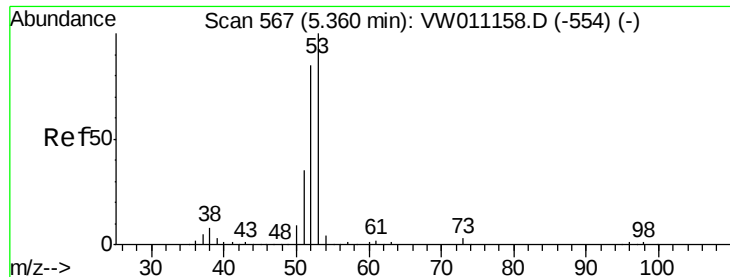
Ion Ratio Lower Upper

41 100

39 65.1 55.1 82.7

76 28.0 22.5 33.7





#15

Acrylonitrile

Concen: 239.354 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

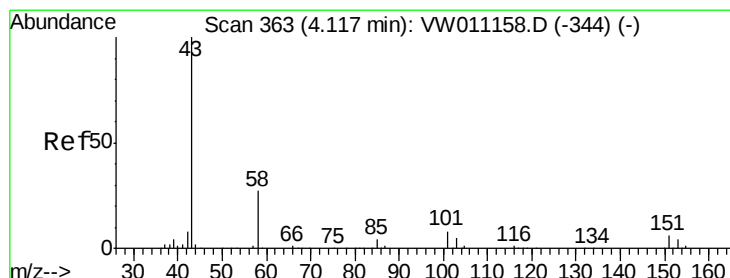
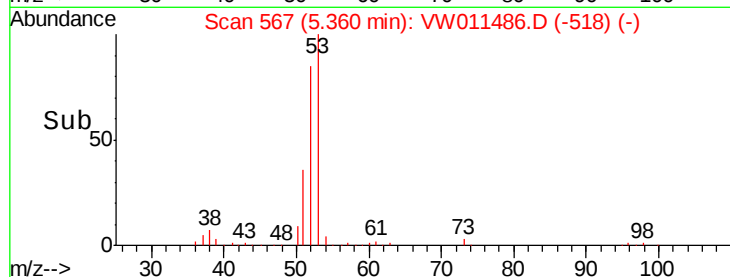
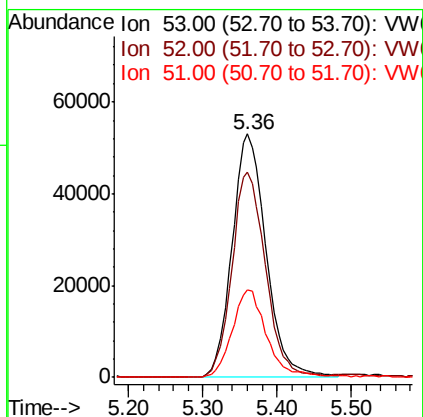
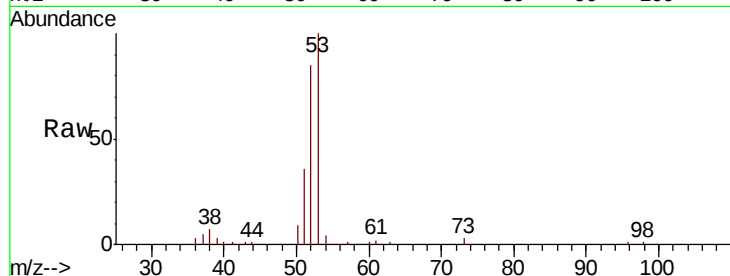
Tot Ion: 53 Resp: 169666

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.4

51 36.3 29.1 43.7



#16

Acetone

Concen: 252.624 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011486.D

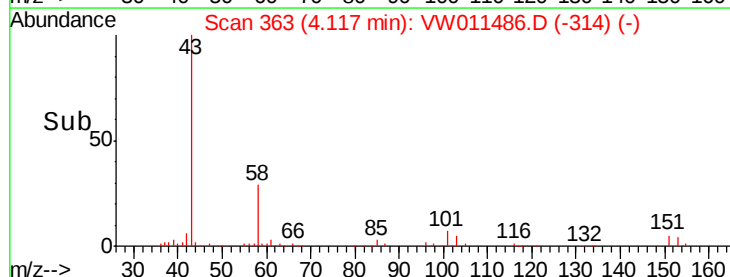
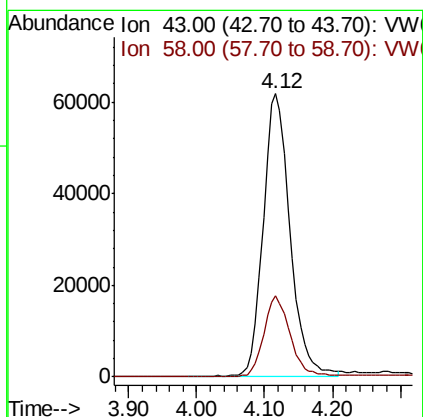
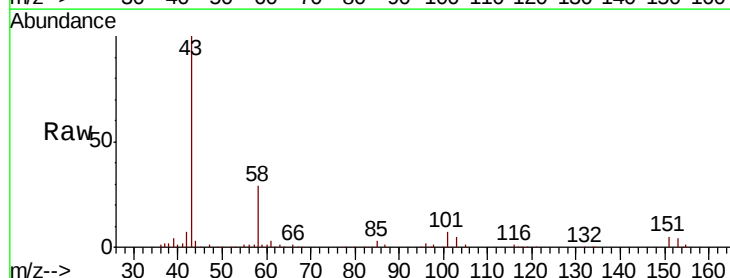
Acq: 24 Jul 2019 20:10

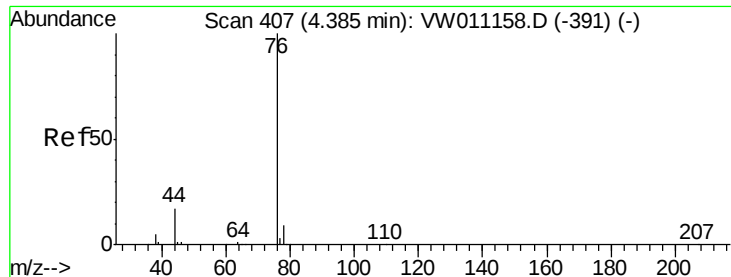
Tgt Ion: 43 Resp: 171938

Ion Ratio Lower Upper

43 100

58 28.6 21.8 32.6

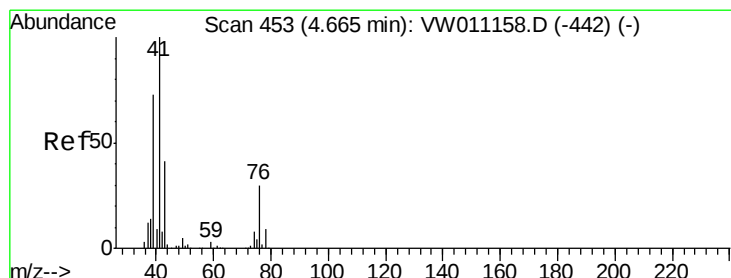
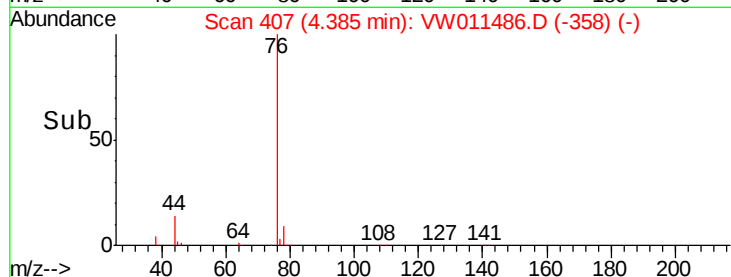
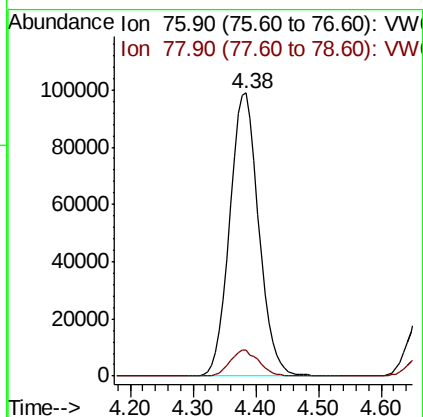
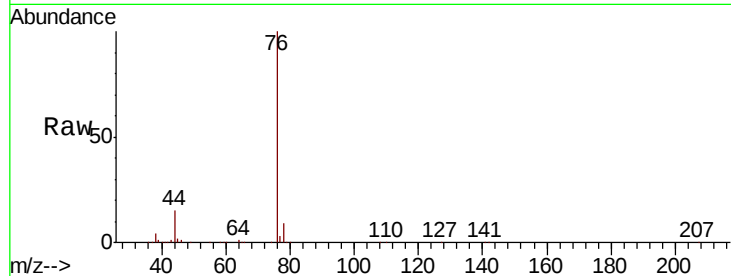




#17
Carbon Disulfide
Concen: 41.896 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

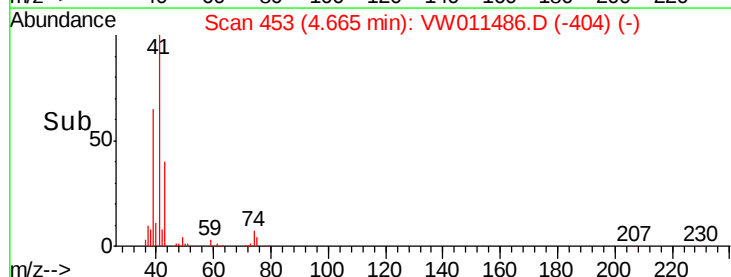
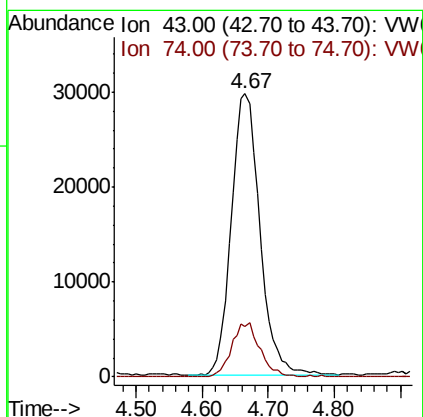
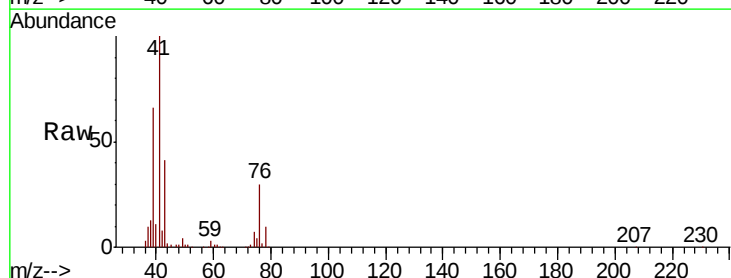
Instrument :
MSVOA_W
ClientSampled :

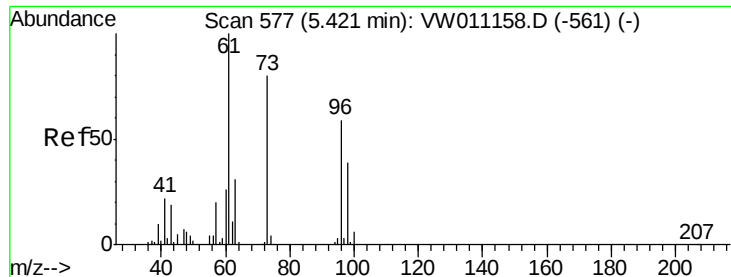
Tot Ion: 76 Resp: 317638
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 45.911 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 43 Resp: 89083
Ion Ratio Lower Upper
43 100
74 19.1 15.7 23.5

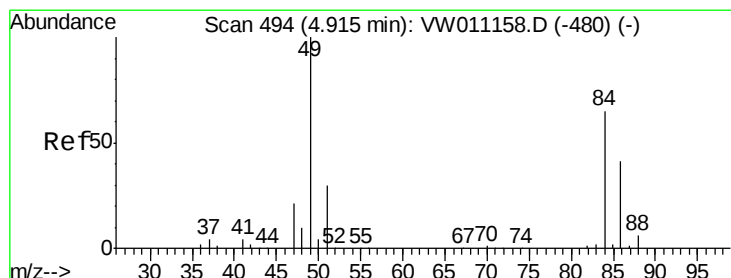
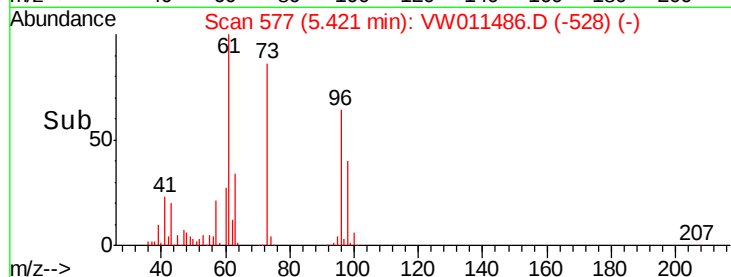
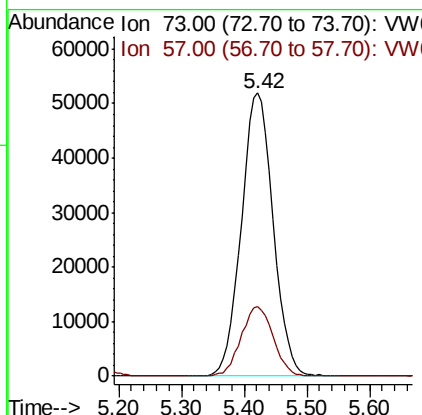
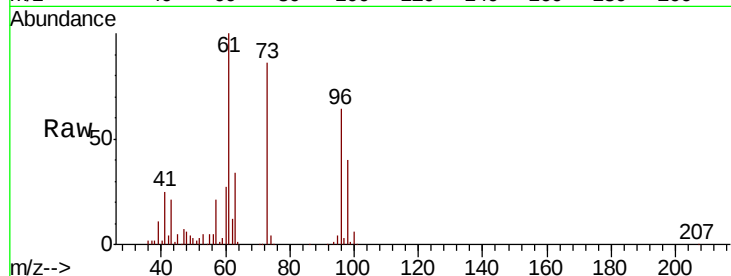




#19
Methvl tert-butvl Ether
Concen: 47.943 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

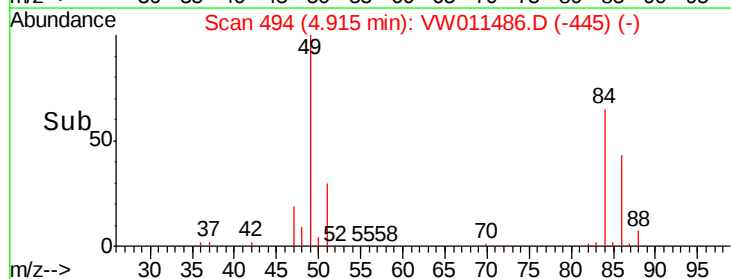
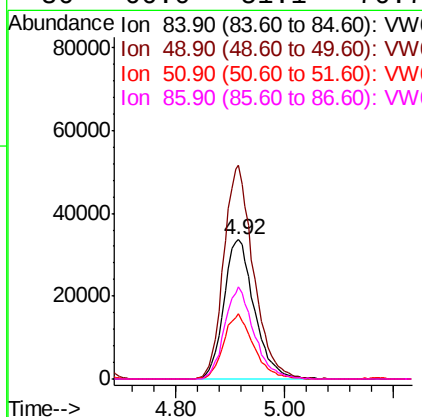
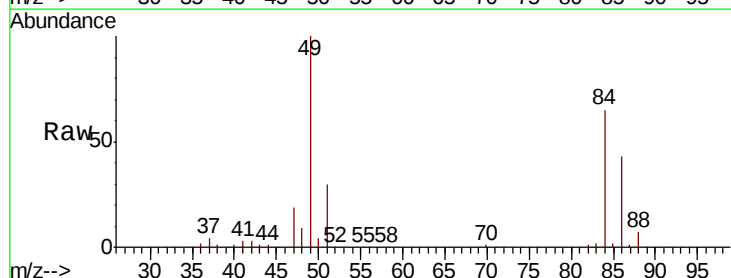
Instrument :
MSVOA_W
ClientSampleId :

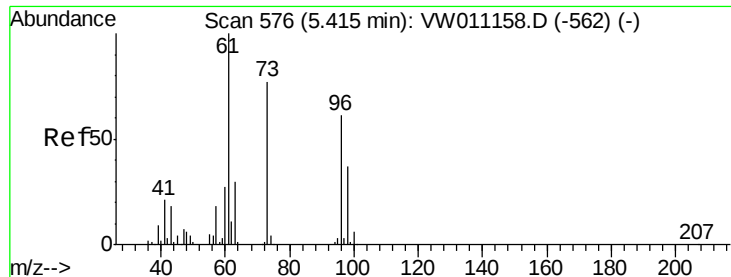
Tot Ion: 73 Resp: 181921
Ion Ratio Lower Upper
73 100
57 24.4 19.7 29.5



#20
Methylene Chloride
Concen: 48.811 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 84 Resp: 131055
Ion Ratio Lower Upper
84 100
49 153.6 123.8 185.6
51 46.7 37.4 56.2
86 66.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.888 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

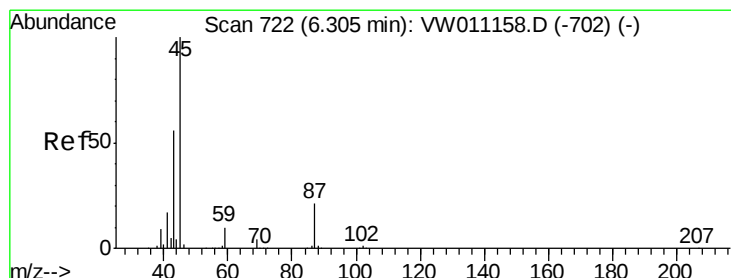
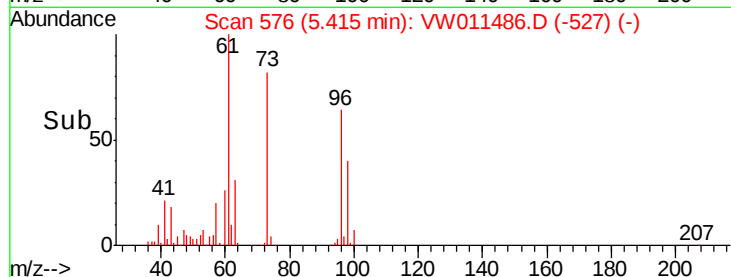
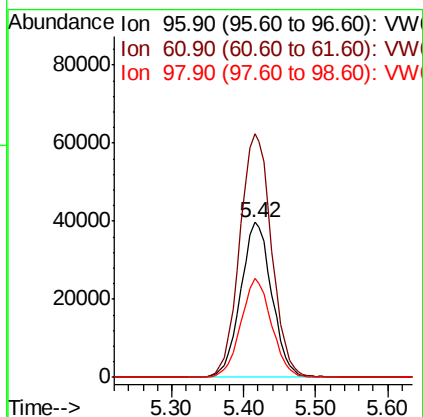
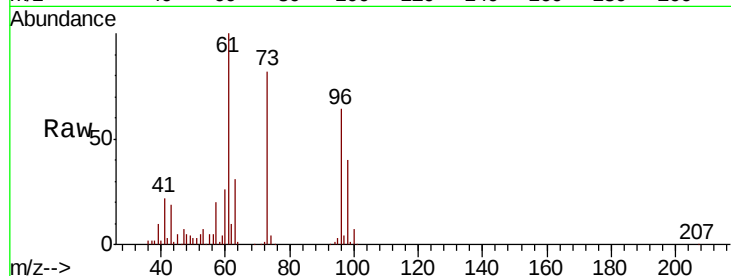
Tot Ion: 96 Resp: 119243

Ion Ratio Lower Upper

96 100

61 157.3 132.2 198.2

98 63.6 49.4 74.0



#22

Diisopropyl ether

Concen: 46.551 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Tgt Ion: 45 Resp: 456594

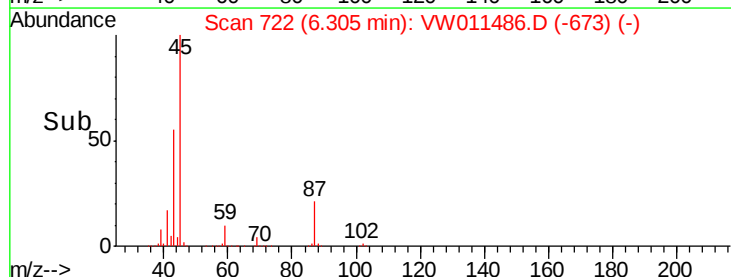
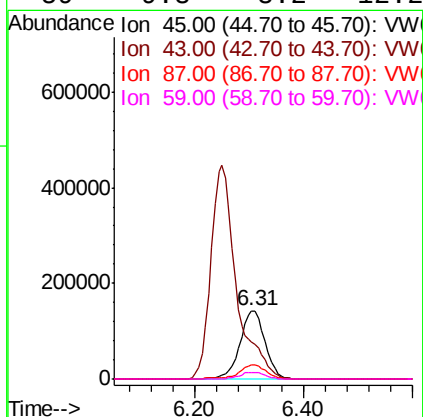
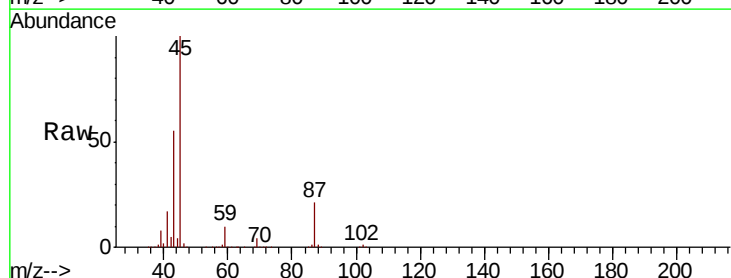
Ion Ratio Lower Upper

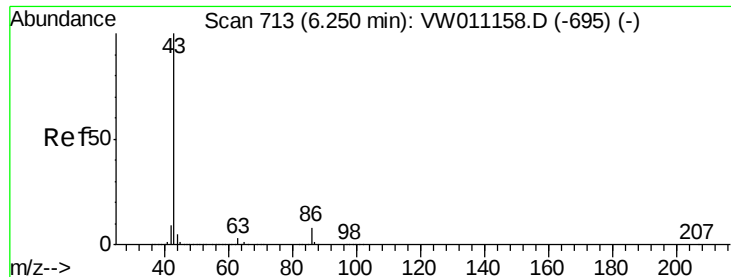
45 100

43 54.3 44.6 66.8

87 20.8 17.3 25.9

59 9.8 8.2 12.2





#23

Vinyl Acetate

Concen: 239.889 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

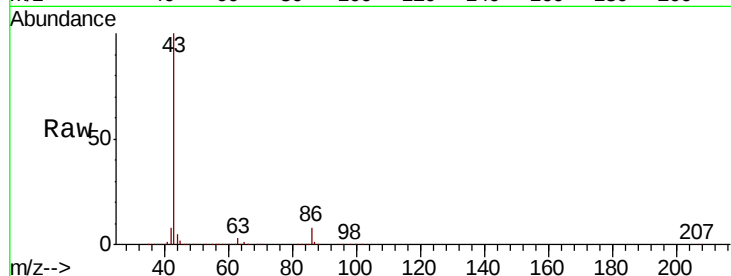
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1456164

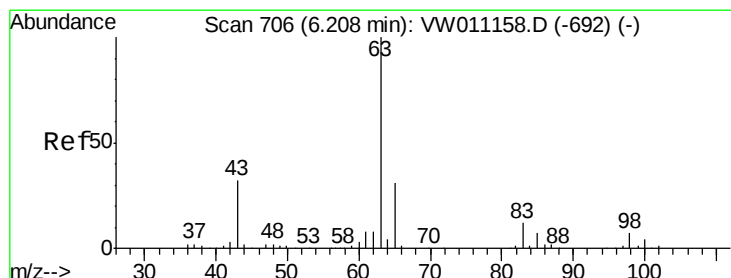
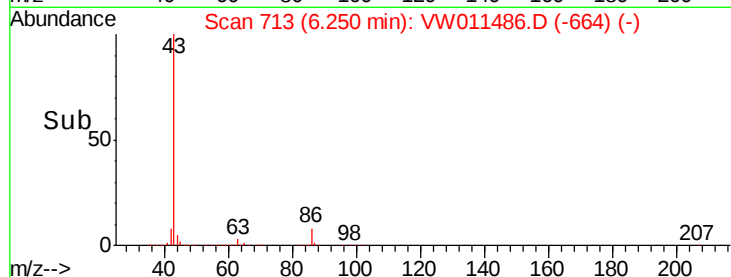
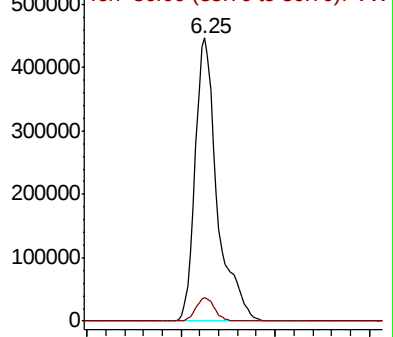
Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 46.687 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

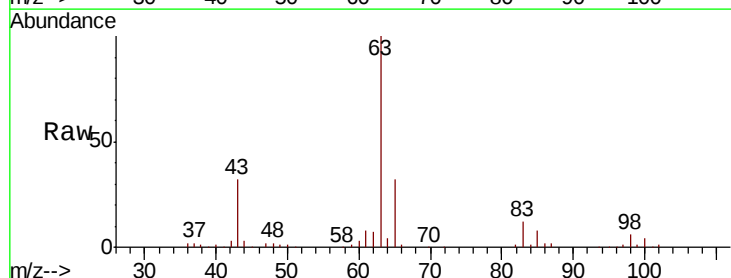
Tgt Ion: 63 Resp: 240461

Ion Ratio Lower Upper

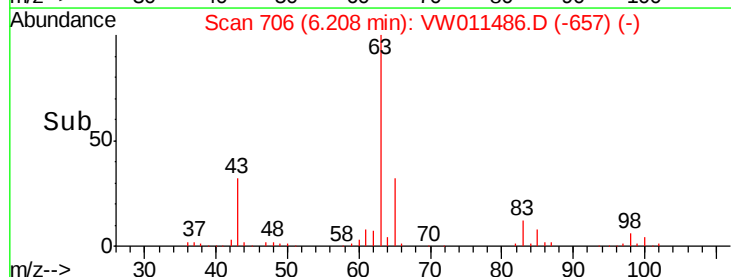
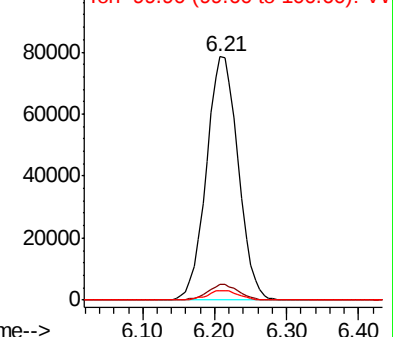
63 100

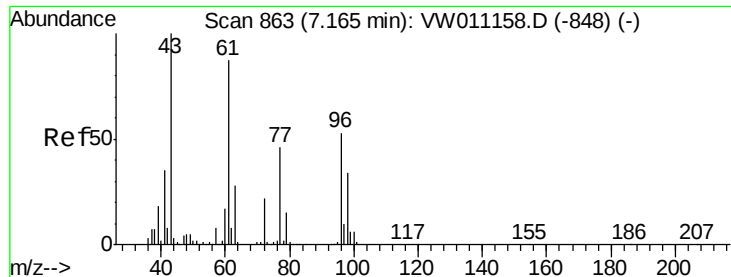
98 6.4 3.3 9.9

100 3.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

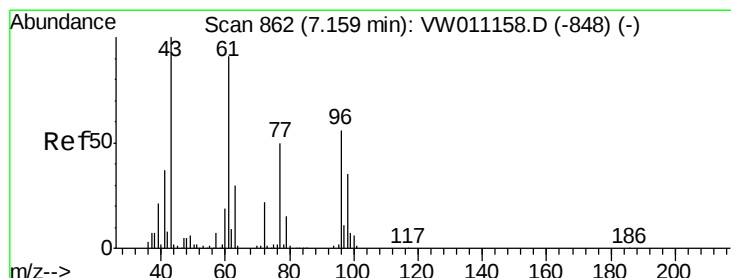
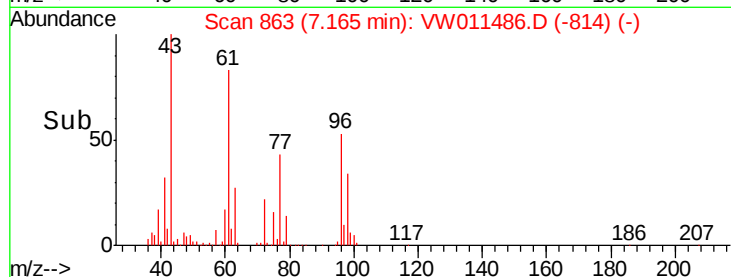
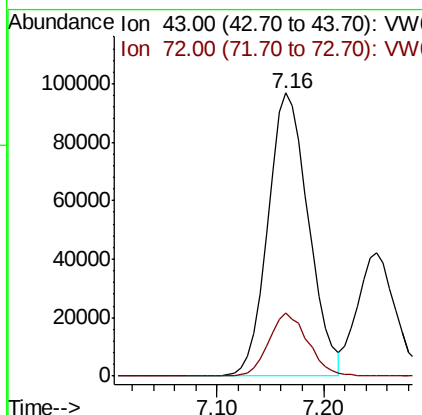
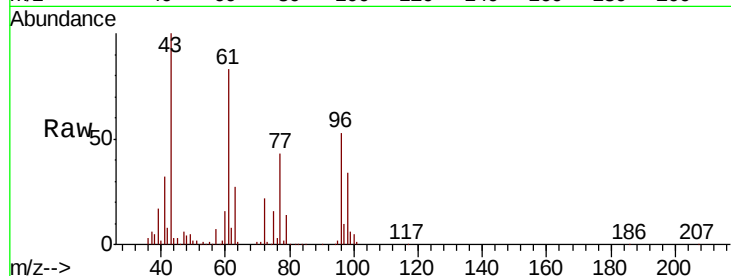




#25
2-Butanone
Concen: 239.580 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

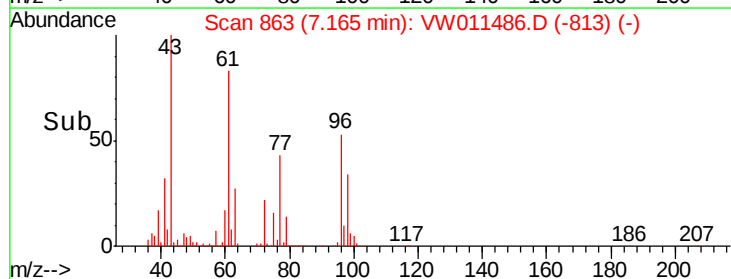
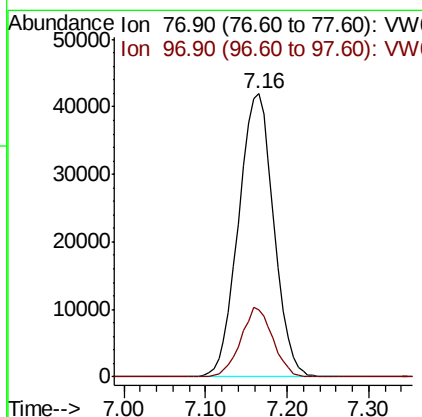
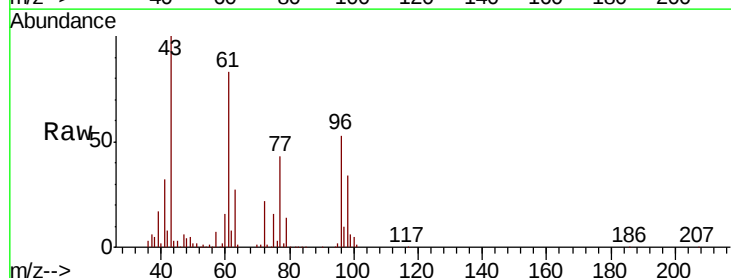
Instrument :
MSVOA_W
ClientSampled :

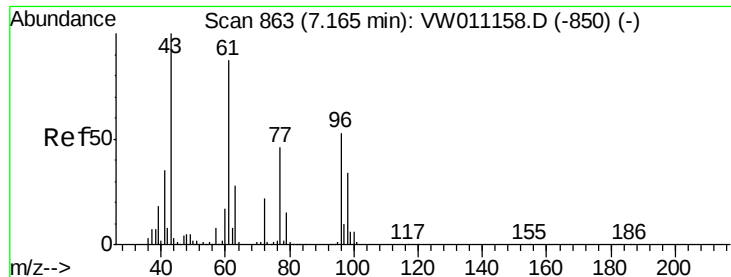
Tot Ion: 43 Resp: 255962
Ion Ratio Lower Upper
43 100
72 22.2 17.6 26.4



#26
2,2-Dichloropropane
Concen: 47.026 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 77 Resp: 125904
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5



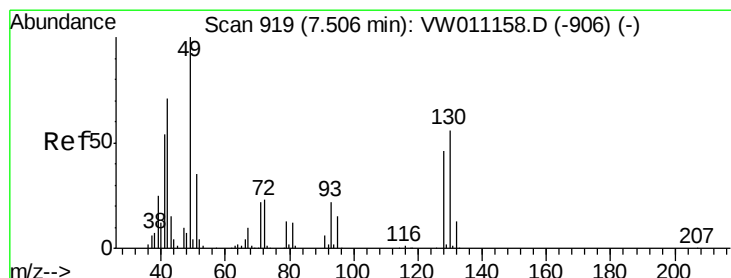
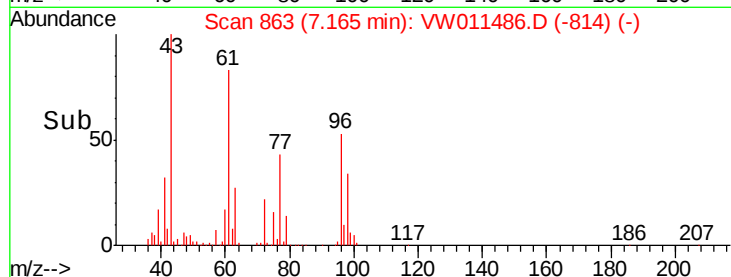
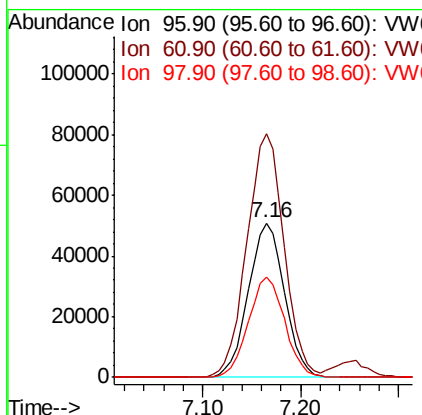
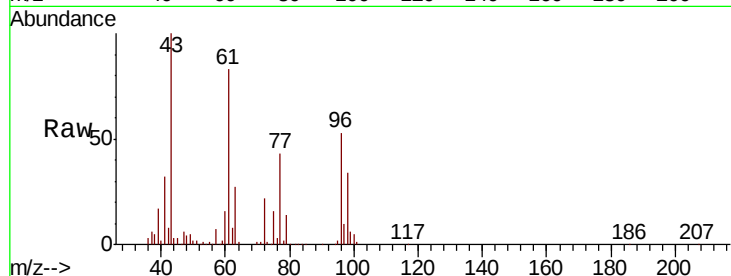


#27

cis-1,2-Dichloroethene
Concen: 46.950 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampled :

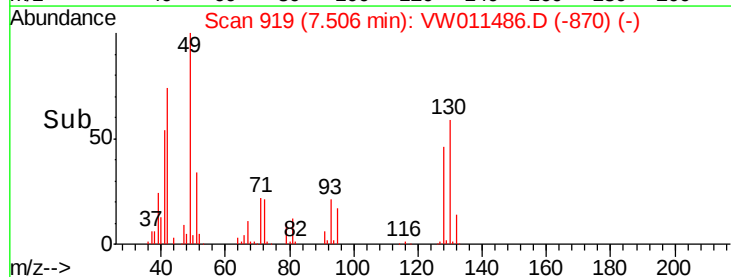
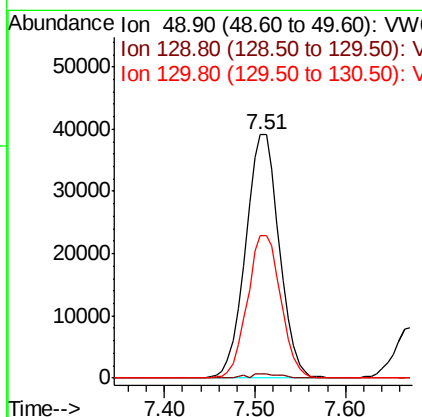
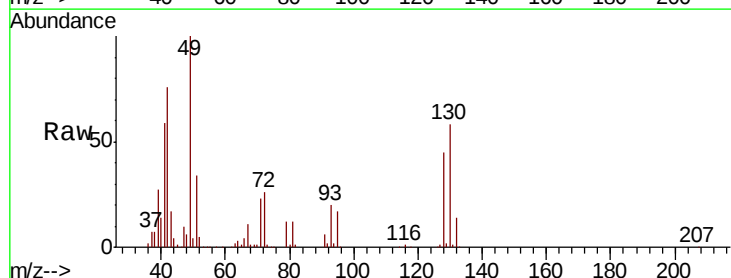
Tot Ion	96	Resp	131607
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	325.6
98	64.9	0.0	128.2

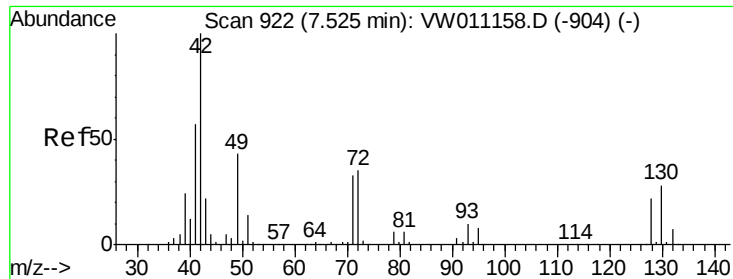


#28

Bromochloromethane
Concen: 42.906 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion	49	Resp	100484
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	1.4#
130	58.4	45.8	68.8

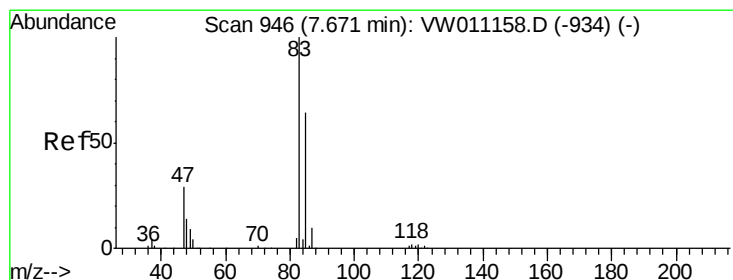
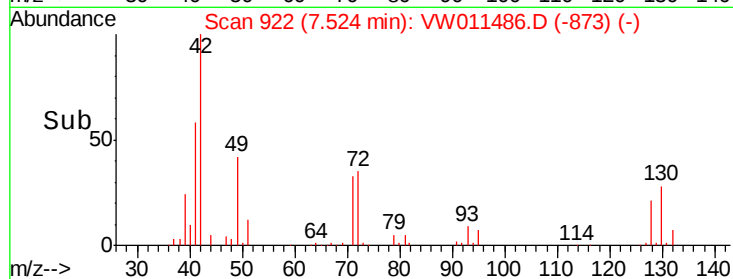
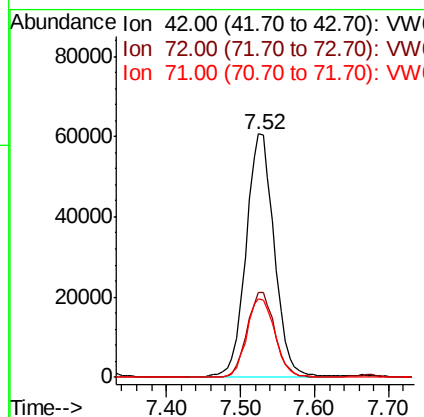
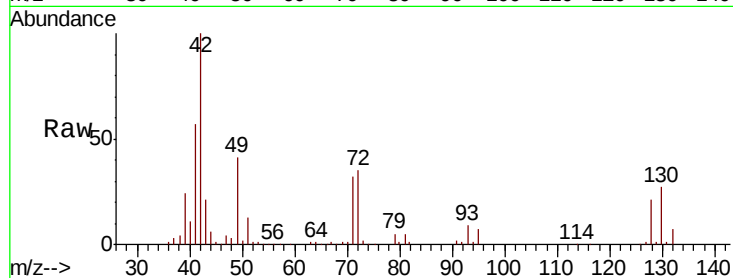




#29
Tetrahydrofuran
Concen: 231.661 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

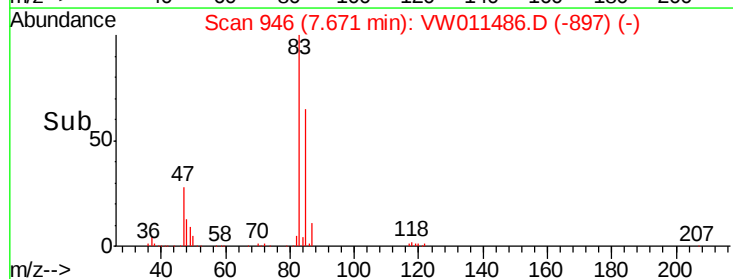
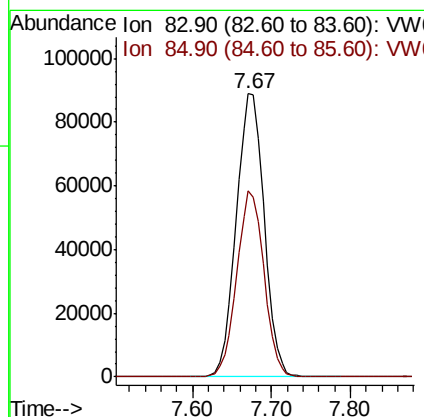
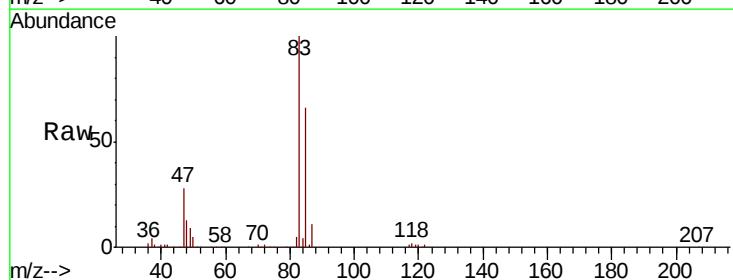
Instrument :
MSVOA_W
ClientSampled :

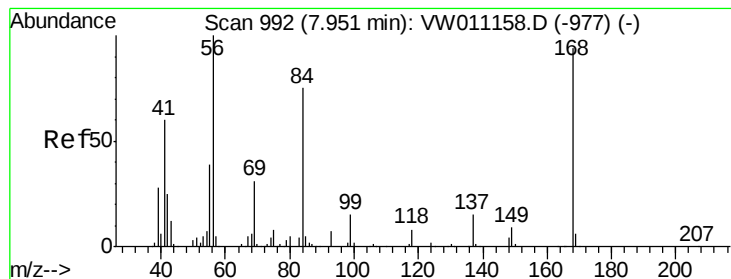
Tot Ion: 42 Resp: 162289
Ion Ratio Lower Upper
42 100
72 33.9 27.4 41.2
71 32.2 25.9 38.9



#30
Chloroform
Concen: 45.997 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 83 Resp: 219402
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2





#31

Cyclohexane

Concen: 42.692 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampled :

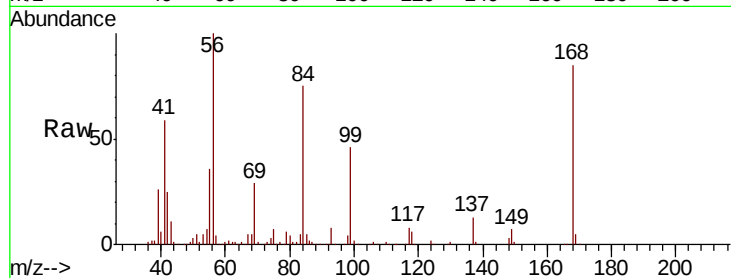
Tot Ion: 56 Resp: 233927

Ion Ratio Lower Upper

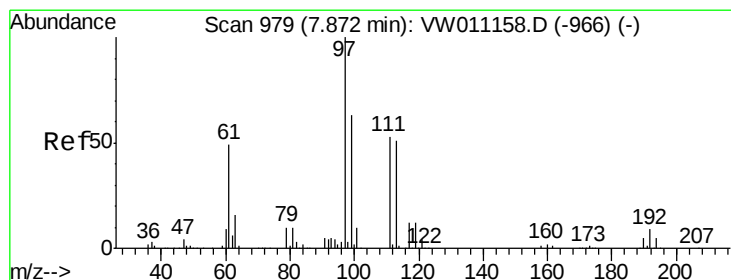
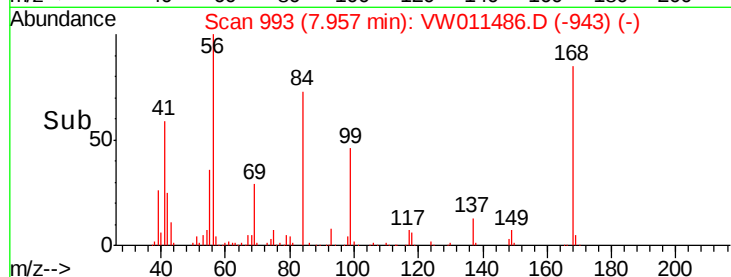
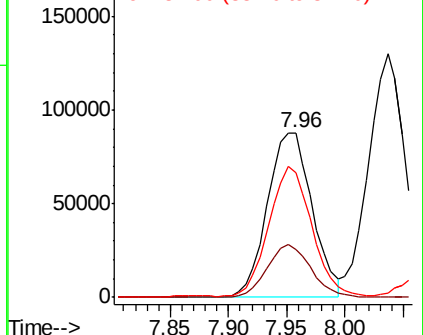
56 100

69 29.1 24.6 36.8

84 74.4 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



#32

1,1,1-Trichloroethane

Concen: 46.187 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

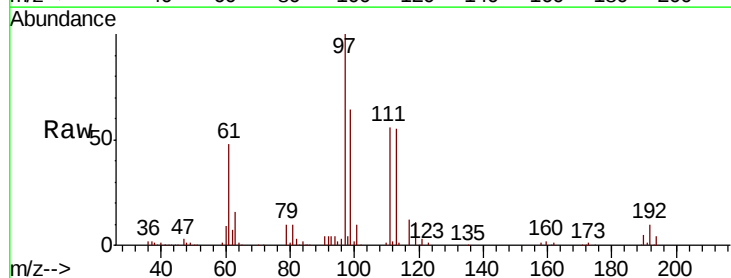
Tgt Ion: 97 Resp: 167587

Ion Ratio Lower Upper

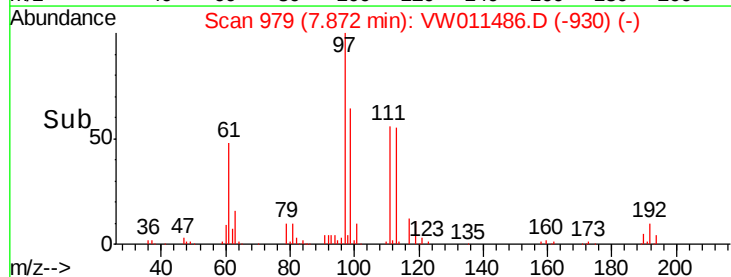
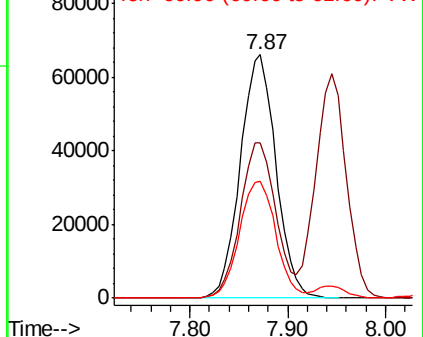
97 100

99 64.0 51.0 76.4

61 49.0 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

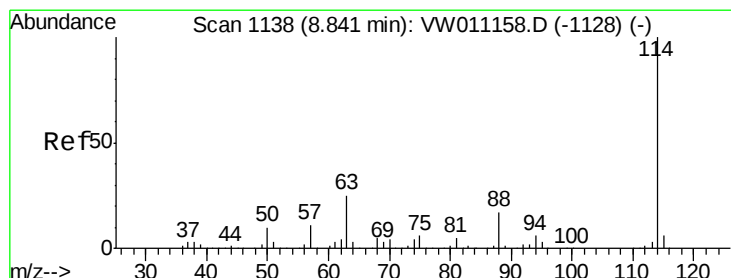
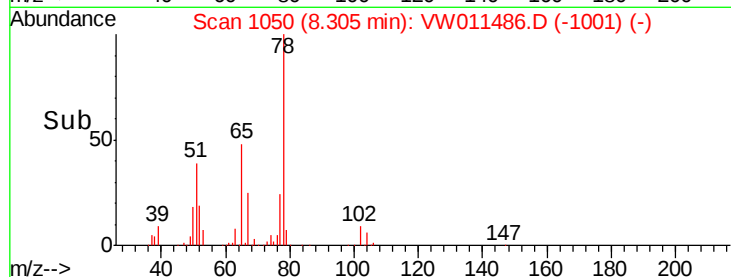
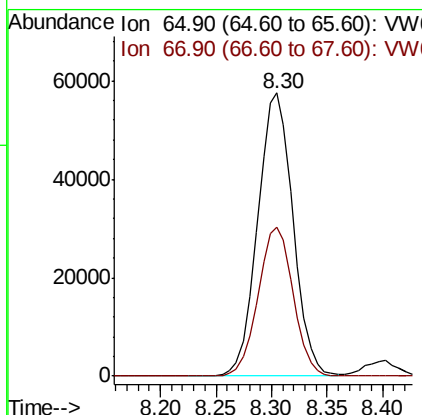
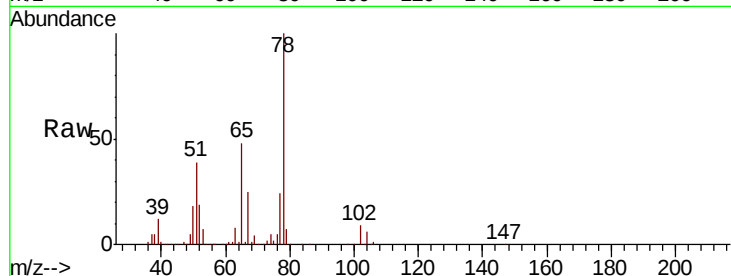




#33
 1,2-Dichloroethane-d4
 Concen: 44.907 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

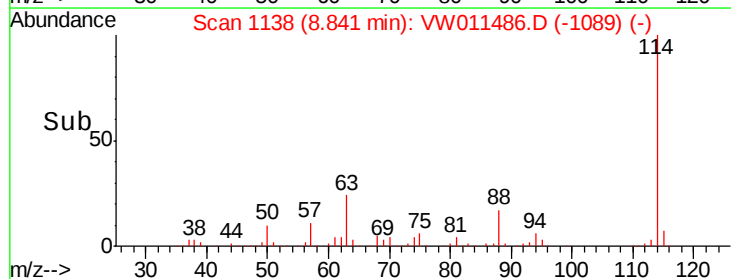
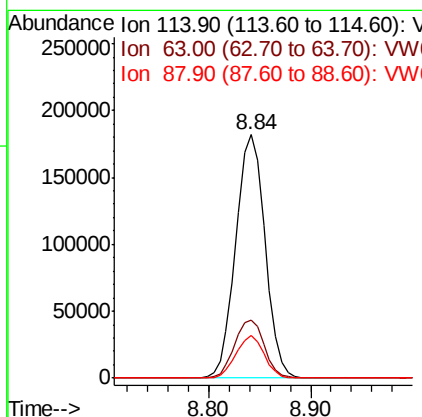
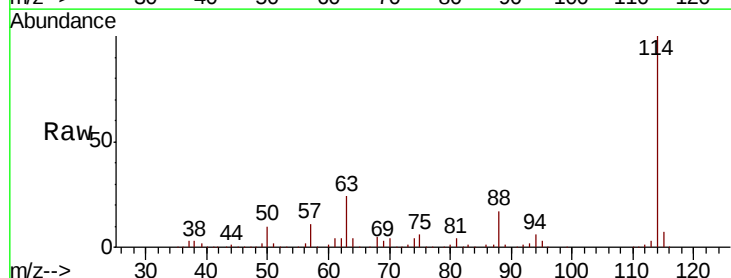
Instrument :
 MSVOA_W
 ClientSampleId :

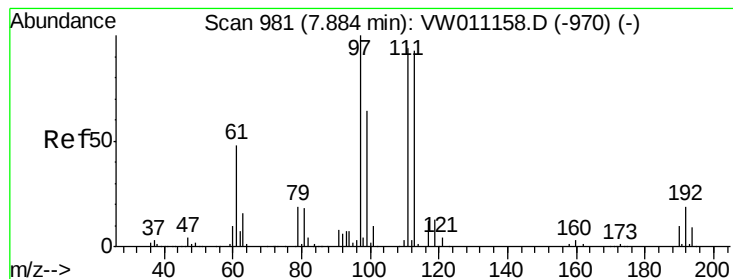
Tot Ion: 65 Resp: 127028
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion: 114 Resp: 362651
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 17.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.866 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

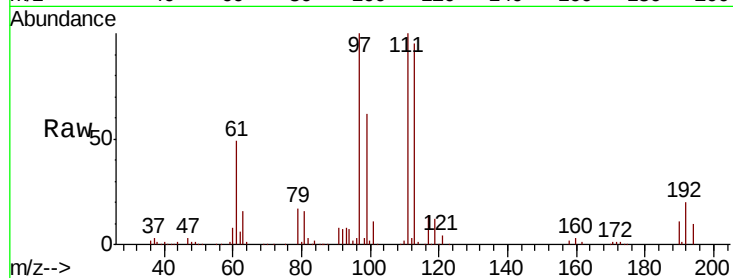
Tot Ion:113 Resp: 103465

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

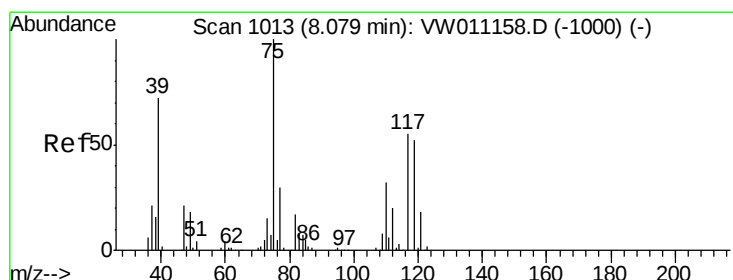
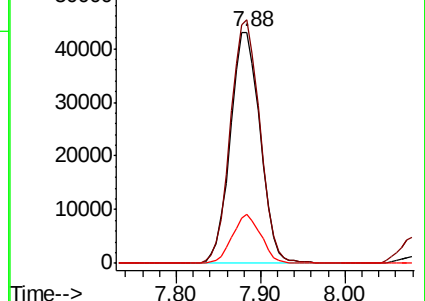
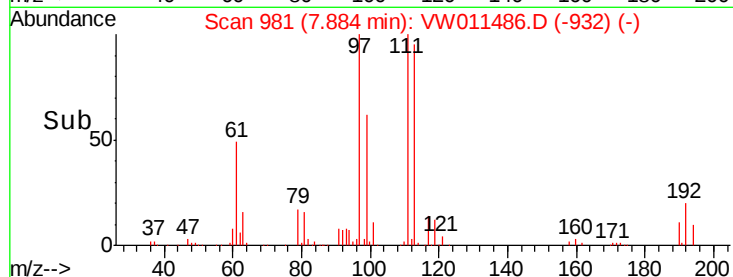
192 20.4 15.8 23.8



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: 46.316 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

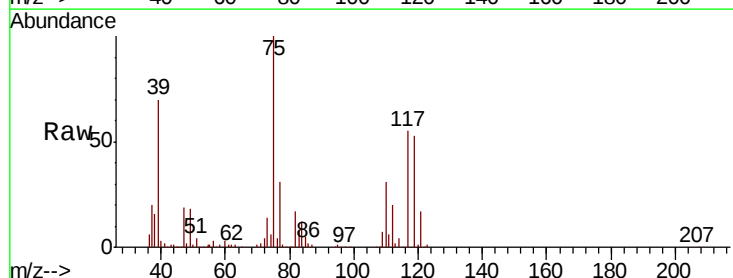
Tgt Ion: 75 Resp: 178866

Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.6

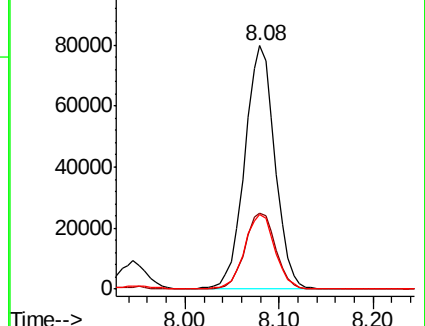
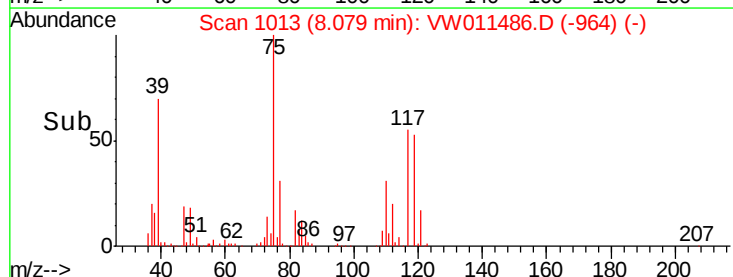
77 31.0 24.6 36.8

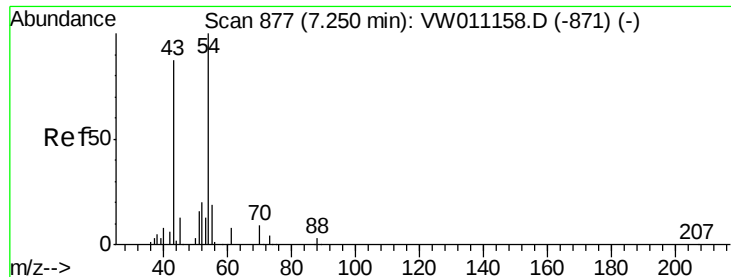


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

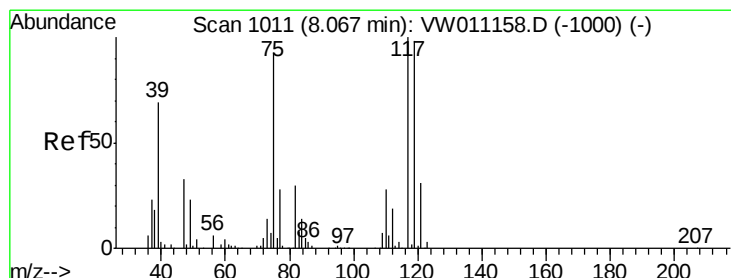
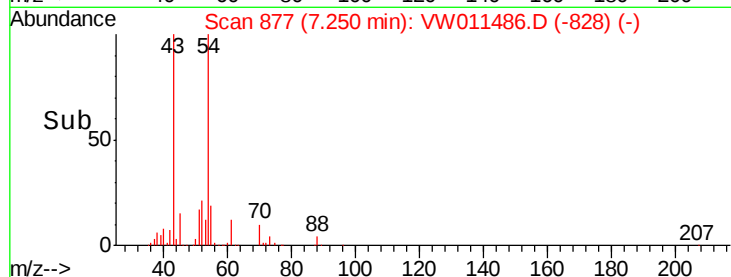
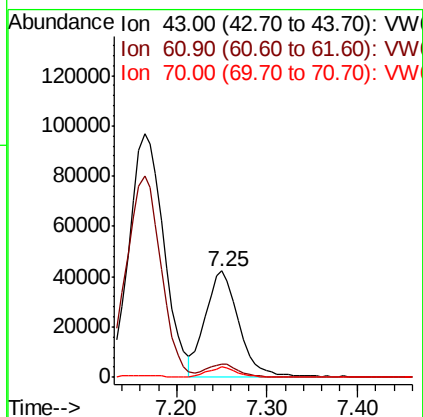
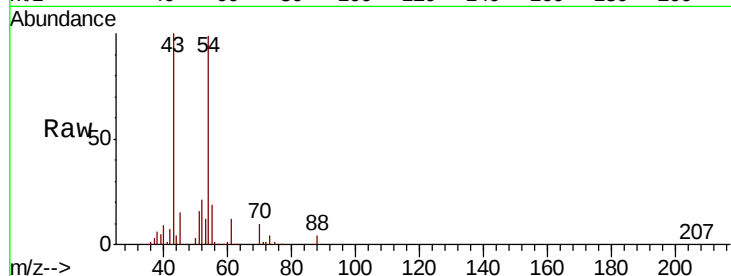




#37
Ethyl Acetate
Concen: 46.444 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

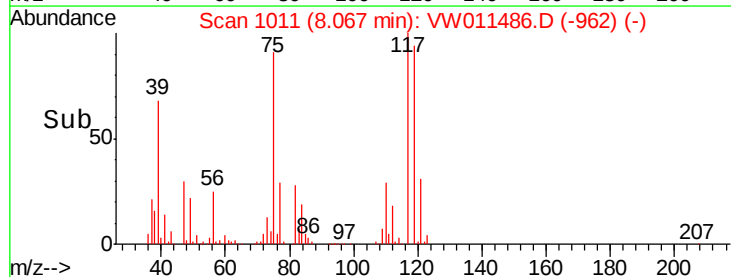
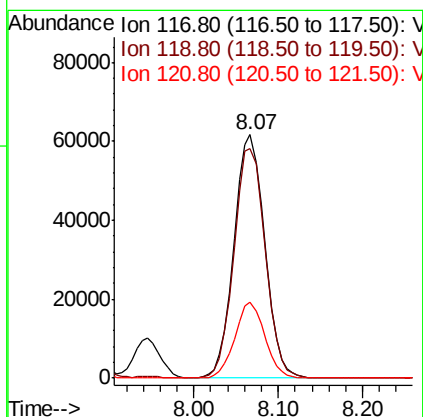
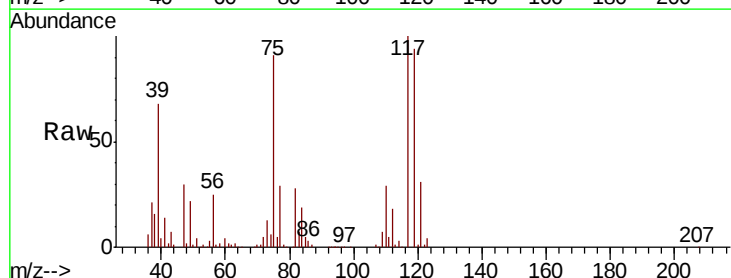
Instrument :
MSVOA_W
ClientSampleId :

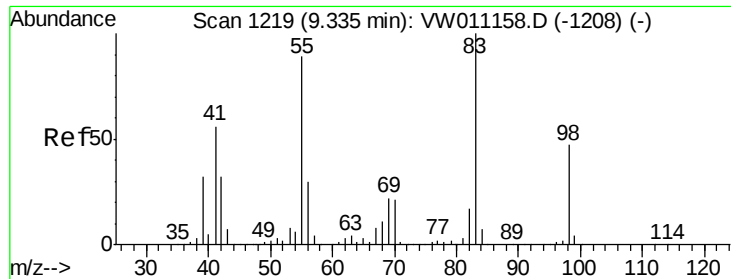
Tot Ion: 43 Resp: 107765
Ion Ratio Lower Upper
43 100
61 12.2 9.5 14.3
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.427 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 117 Resp: 151993
Ion Ratio Lower Upper
117 100
119 94.2 78.1 117.1
121 31.0 25.1 37.7

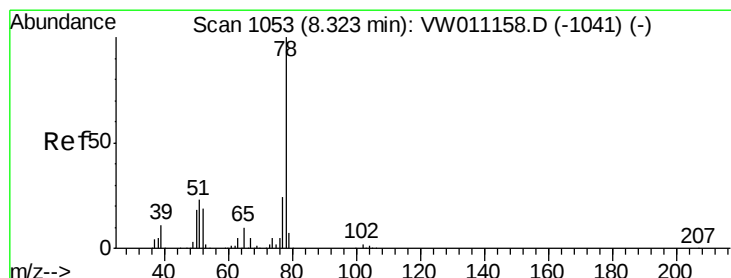
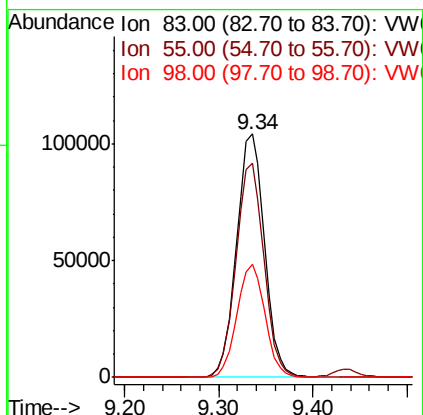
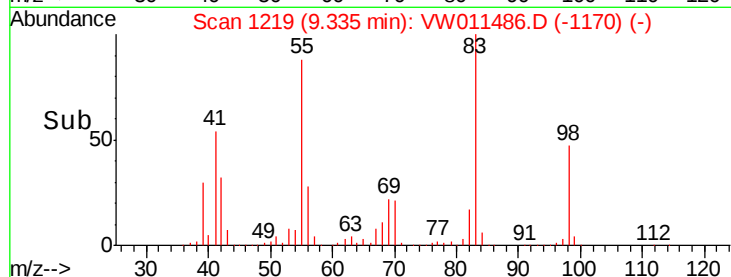
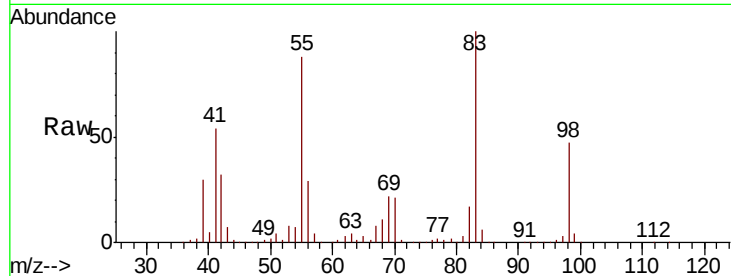




#39
Methvlcvclohexane
Concen: 46.177 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

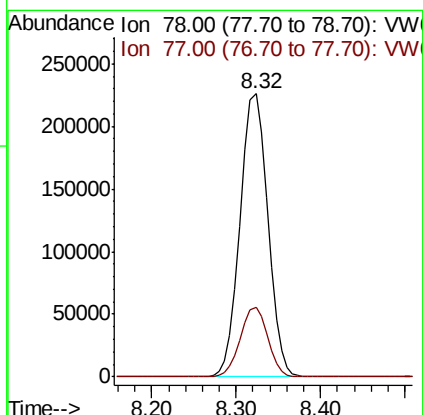
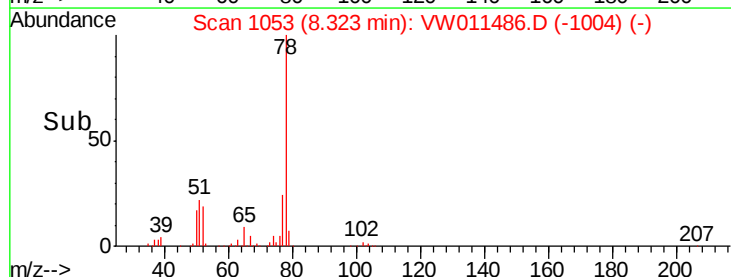
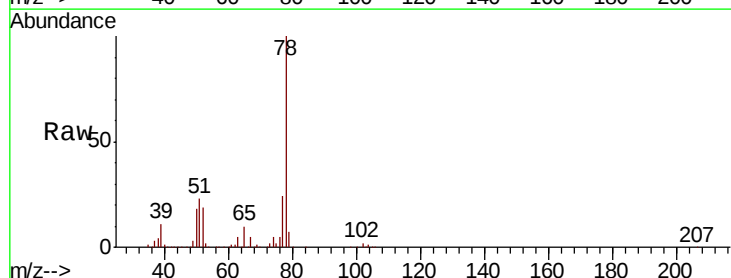
Instrument :
MSVOA_W
ClientSampleId :

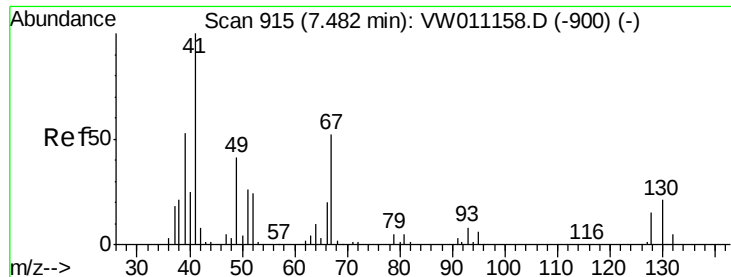
Tot Ion: 83 Resp: 216144
Ion Ratio Lower Upper
83 100
55 88.0 71.2 106.8
98 46.6 37.5 56.3



#40
Benzene
Concen: 47.249 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 78 Resp: 504275
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

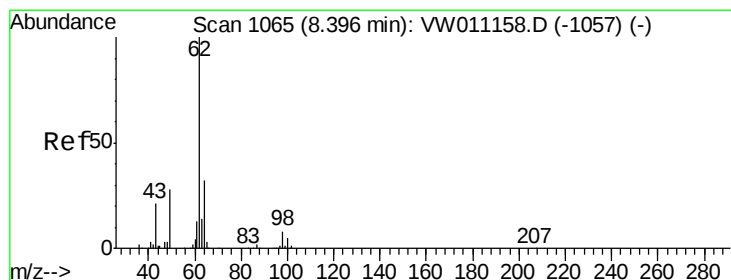
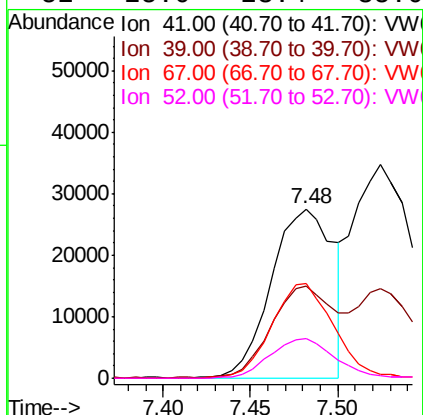
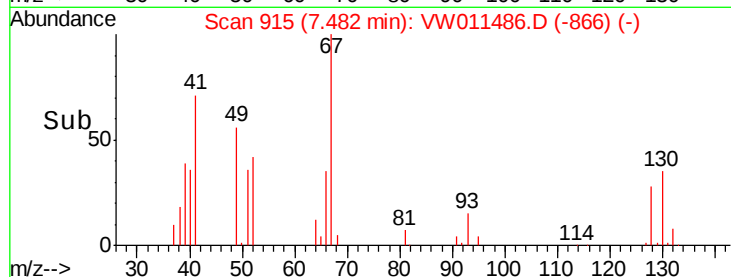
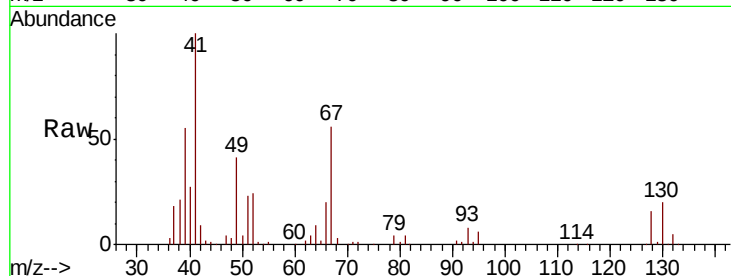




#41
Methacrylonitrile
Concen: 51.250 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

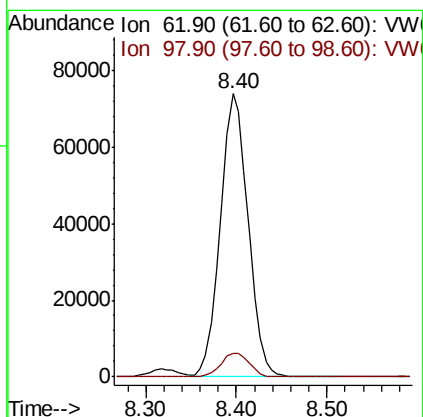
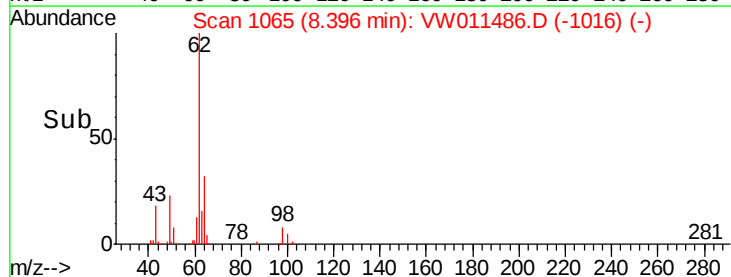
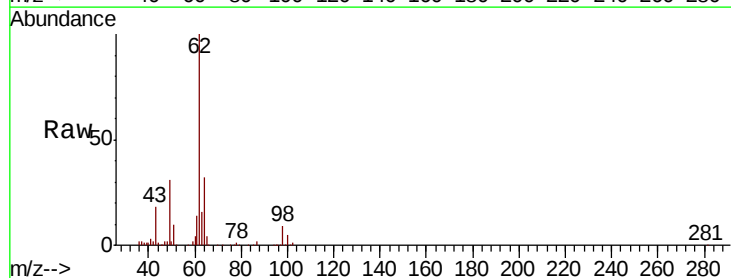
Instrument :
MSVOA_W
ClientSampled :

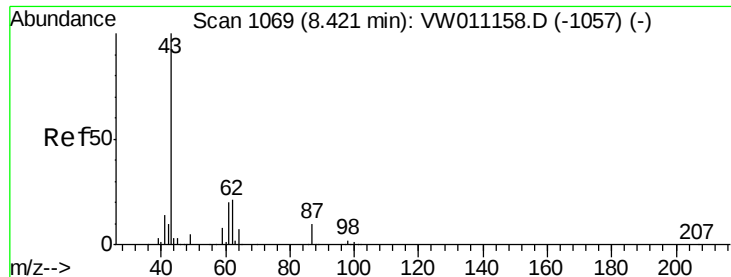
Tot Ion:	41	Resp:	68012
Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.0	72.0
67	56.2	49.7	74.5
52	25.0	23.4	35.0



#42
1,2-Dichloroethane
Concen: 45.517 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:	62	Resp:	157587
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 46.627 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

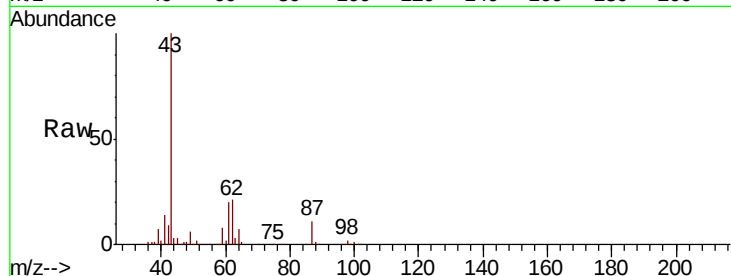
Tot Ion: 43 Resp: 204261

Ion Ratio Lower Upper

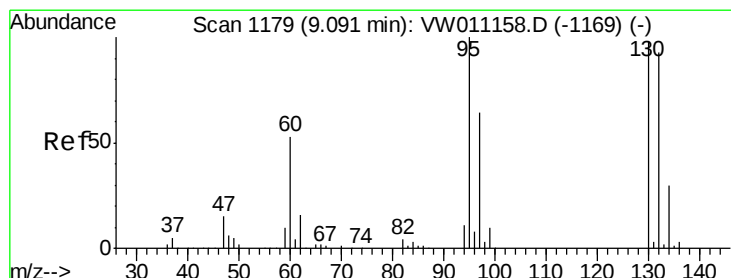
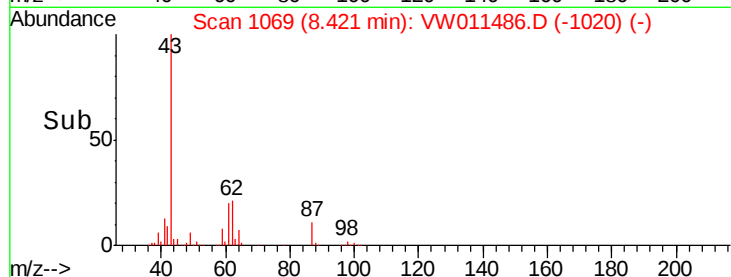
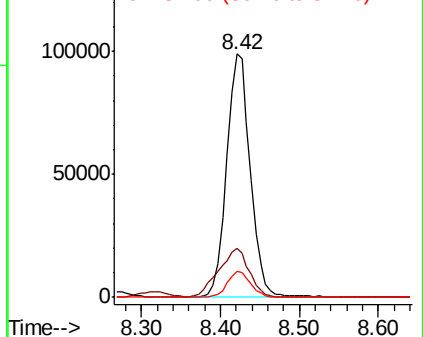
43 100

61 25.8 20.7 31.1

87 10.5 8.1 12.1



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



#44

Trichloroethene

Concen: 47.750 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011486.D

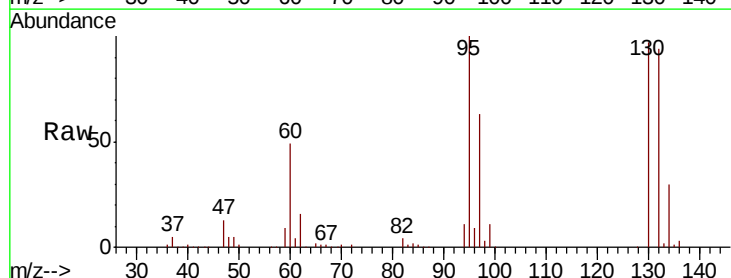
Acq: 24 Jul 2019 20:10

Tgt Ion:130 Resp: 122638

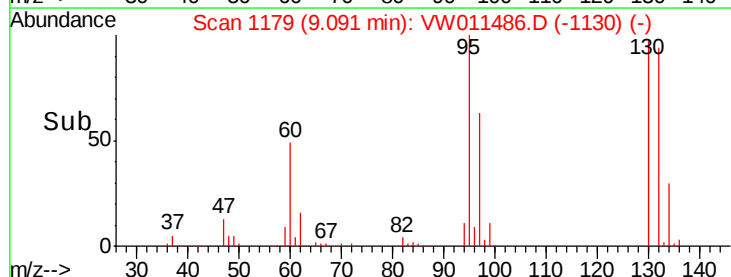
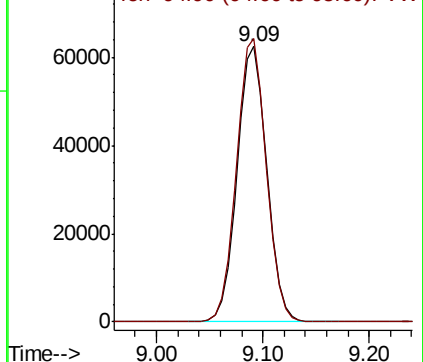
Ion Ratio Lower Upper

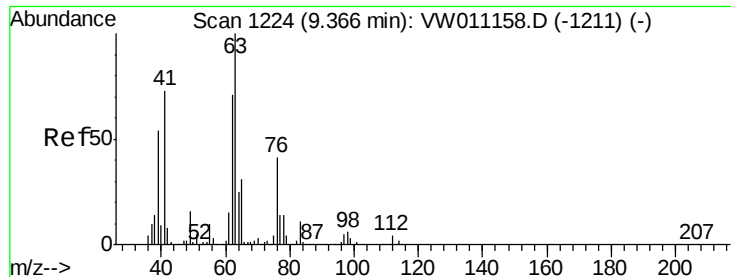
130 100

95 102.8 0.0 203.6



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





#45

1,2-Dichloropropane

Concen: 47.501 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

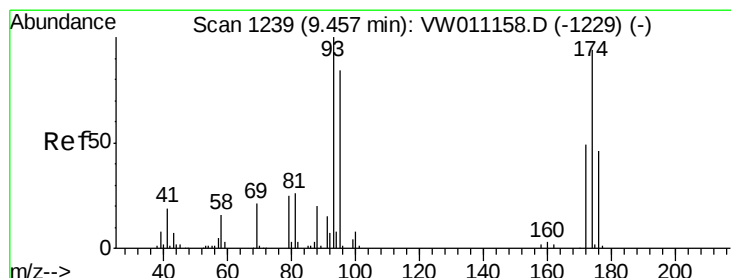
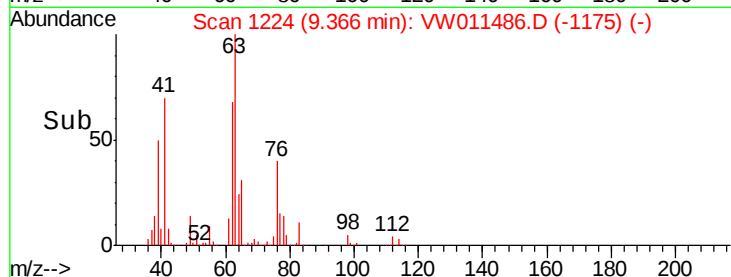
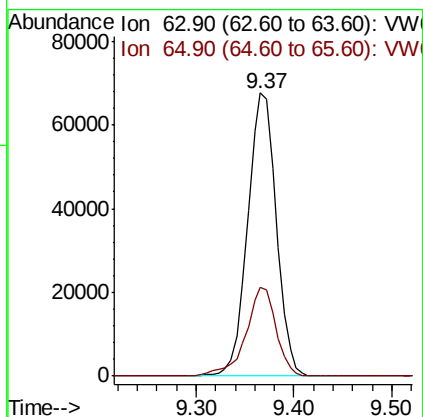
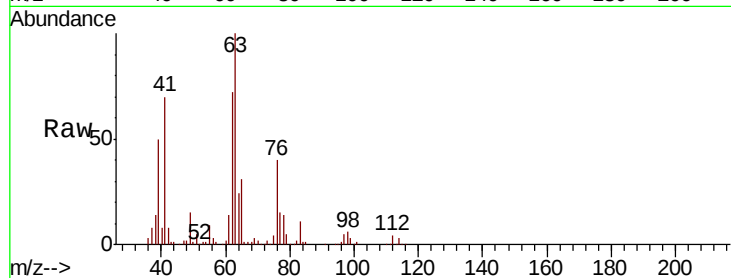
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 137286

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 46.908 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

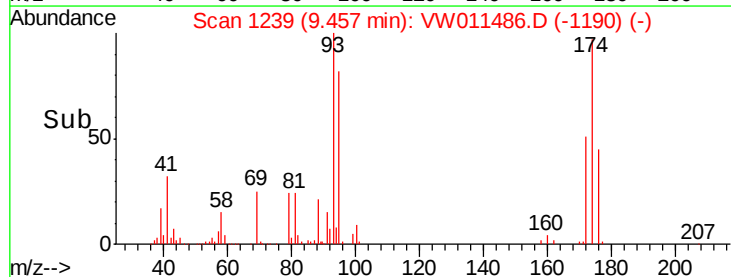
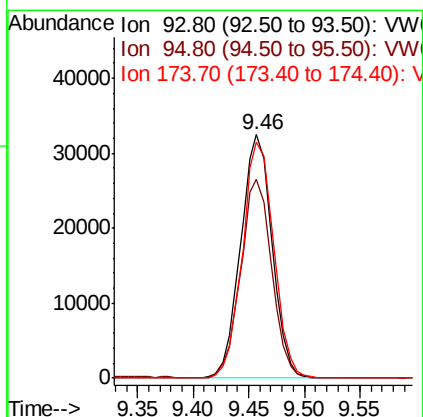
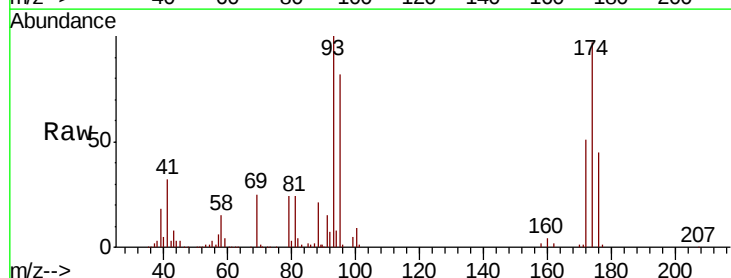
Tgt Ion: 93 Resp: 63685

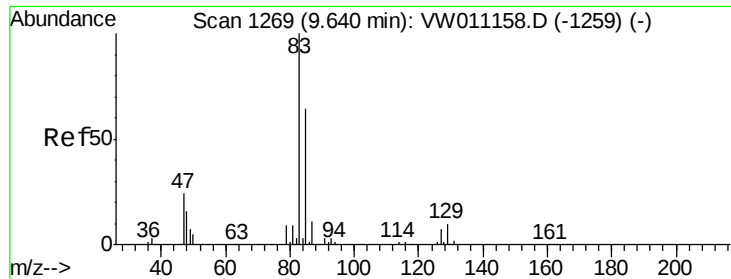
Ion Ratio Lower Upper

93 100

95 81.0 67.2 100.8

174 97.4 76.3 114.5

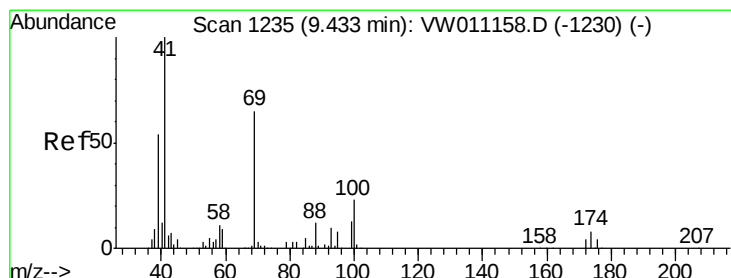
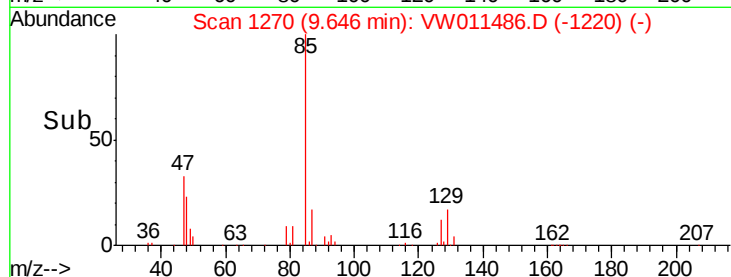
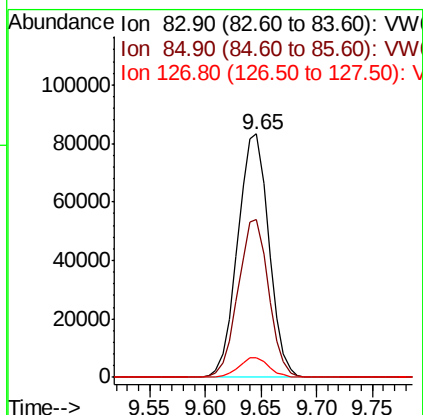
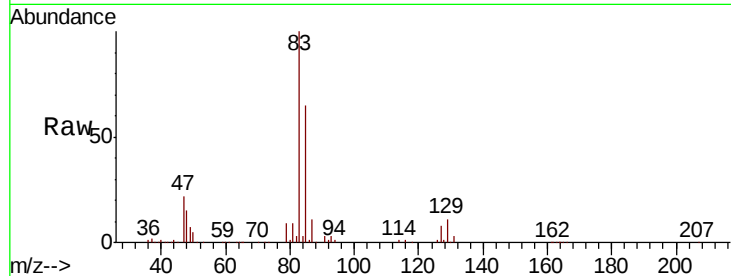




#47
Bromodichloromethane
Concen: 46.567 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

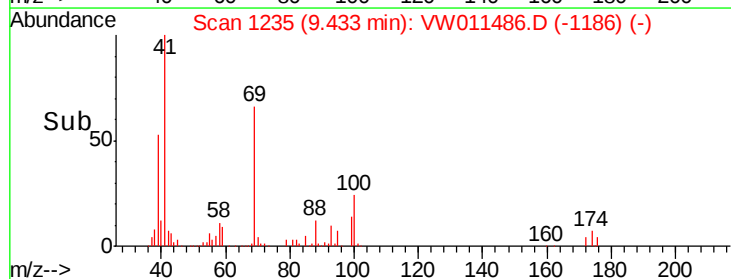
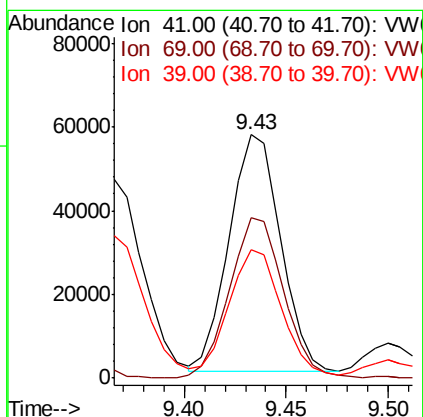
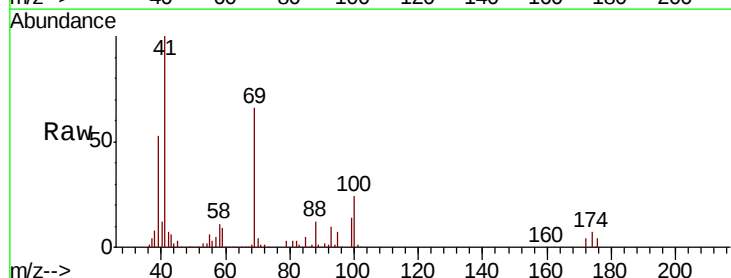
Instrument :
MSVOA_W
ClientSampled :

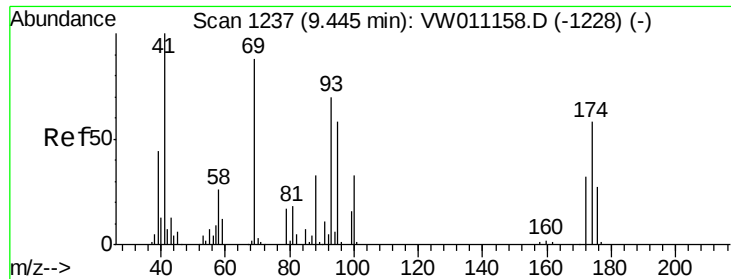
Tot Ion: 83 Resp: 161762
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4
127 8.1 6.0 9.0



#48
Methyl methacrylate
Concen: 47.106 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 41 Resp: 99278
Ion Ratio Lower Upper
41 100
69 70.7 56.0 84.0
39 56.1 43.5 65.3

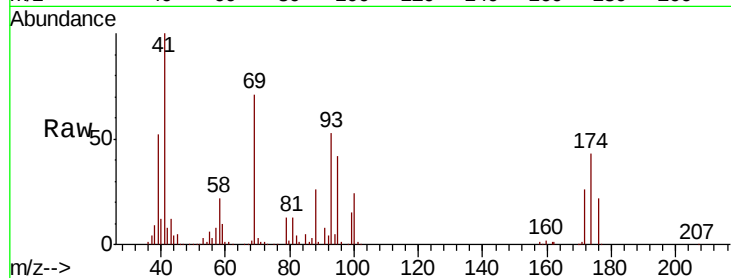




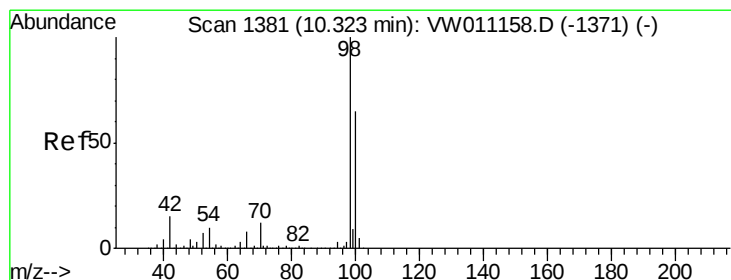
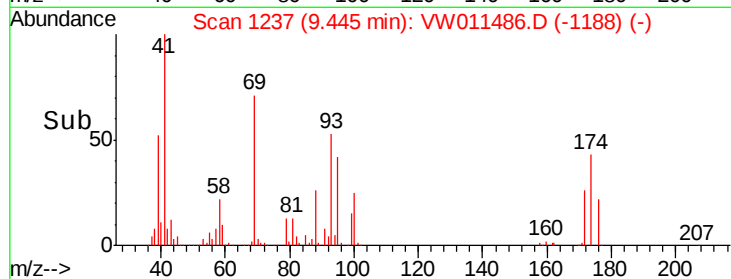
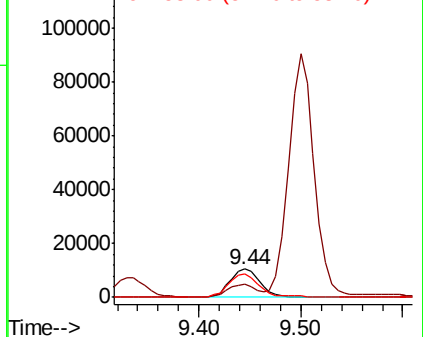
#49
1,4-Dioxane
Concen: 946.185 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 21442
Ion Ratio Lower Upper
88 100
43 40.7 33.4 50.0
58 86.5 64.5 96.7

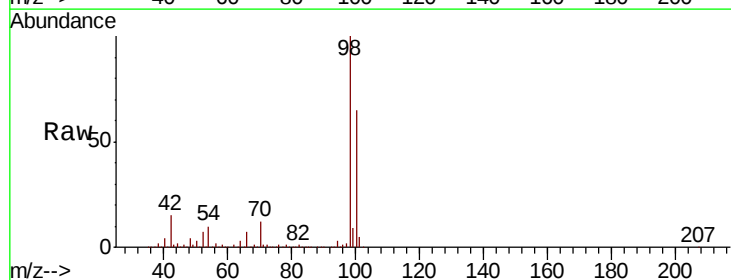


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

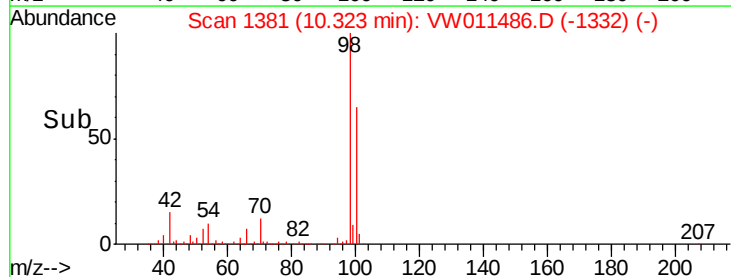
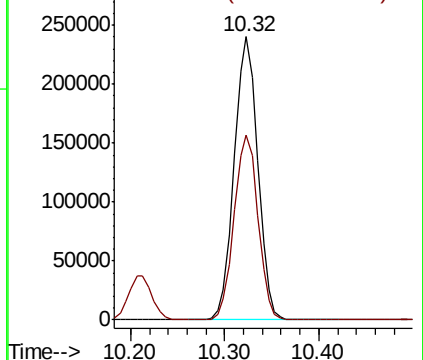


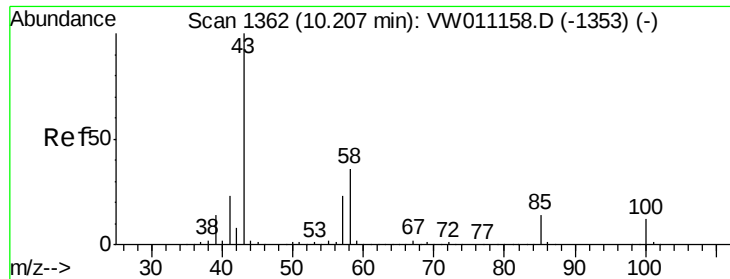
#50
Toluene-d8
Concen: 47.860 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 98 Resp: 418168
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



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

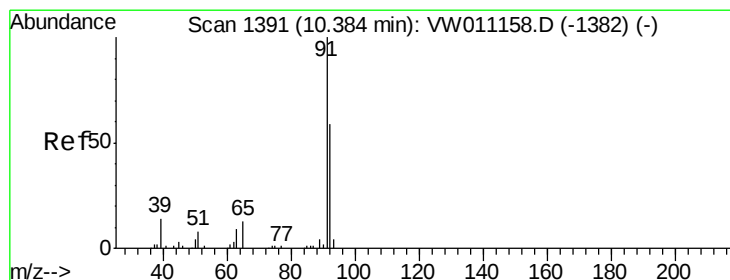
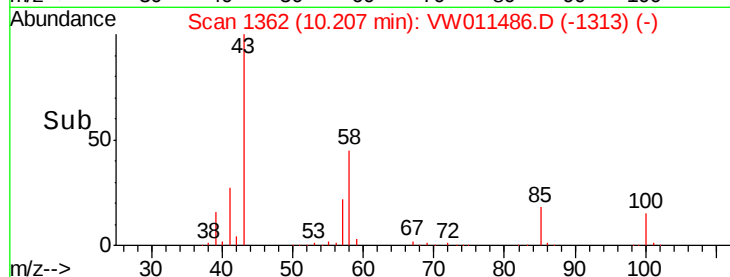
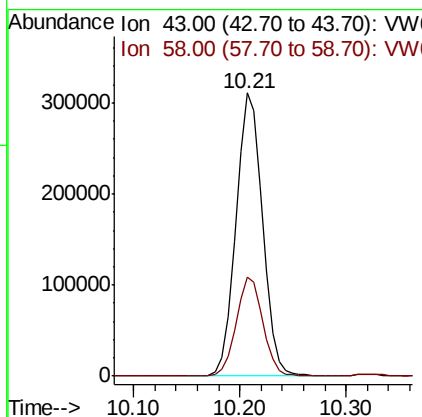
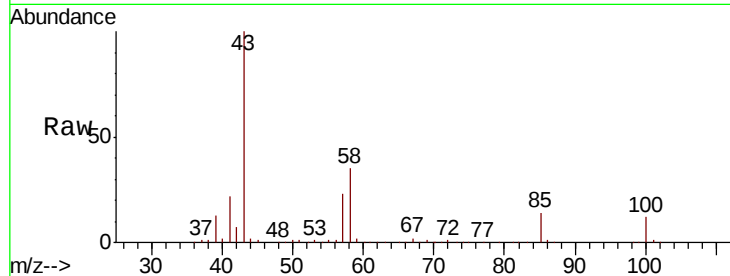




#51
4-Methyl-2-Pentanone
Concen: 238.647 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

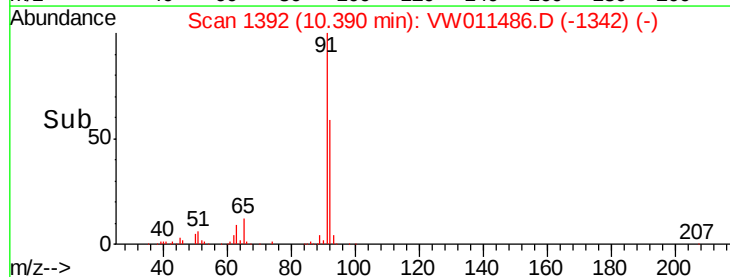
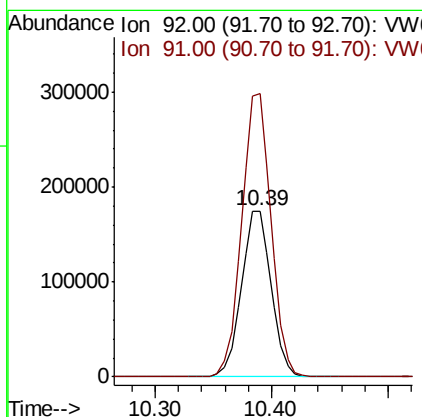
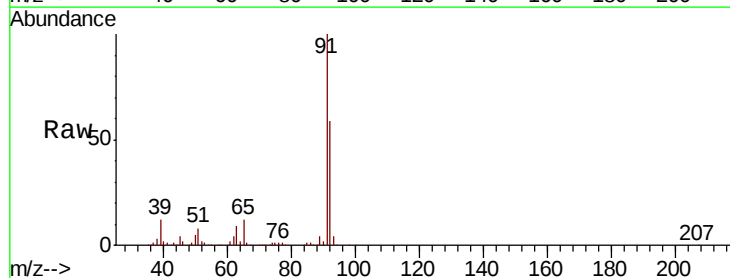
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 546116
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2



#52
Toluene
Concen: 47.814 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 92 Resp: 309557
Ion Ratio Lower Upper
92 100
91 169.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 45.336 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

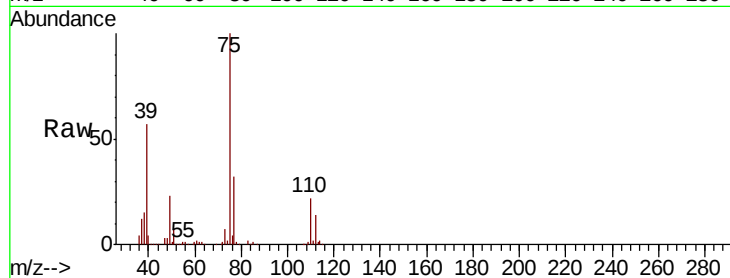
ClientSampled :

Tot Ion: 75 Resp: 167634

Ion Ratio Lower Upper

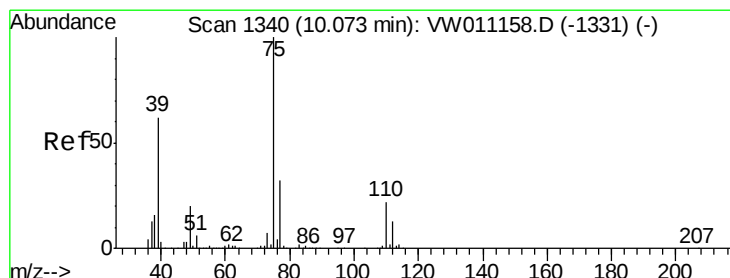
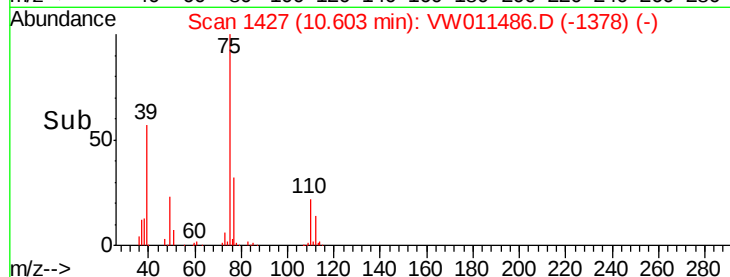
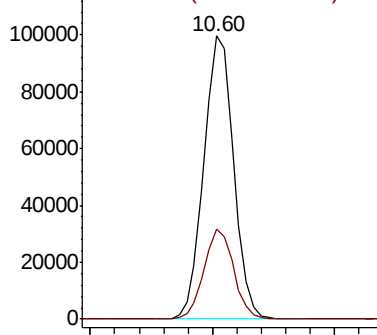
75 100

77 31.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 46.051 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

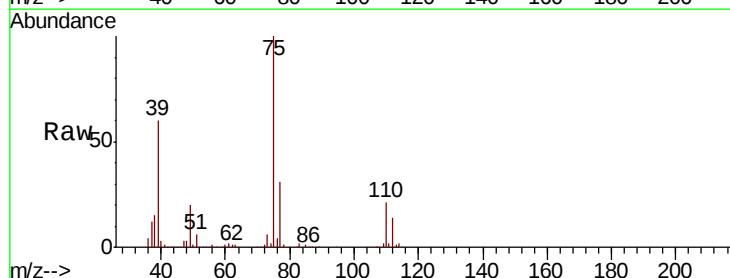
Tgt Ion: 75 Resp: 200428

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

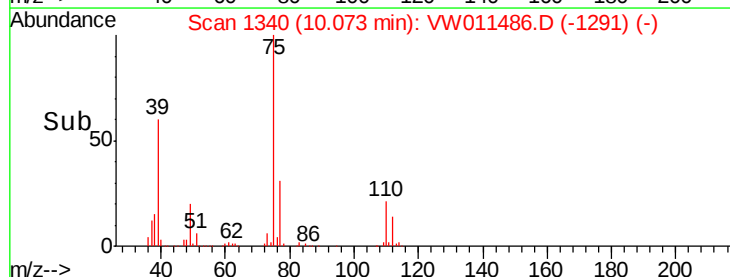
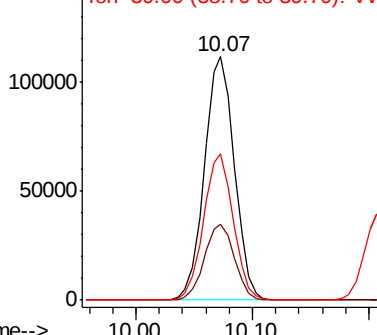
39 60.2 49.8 74.8

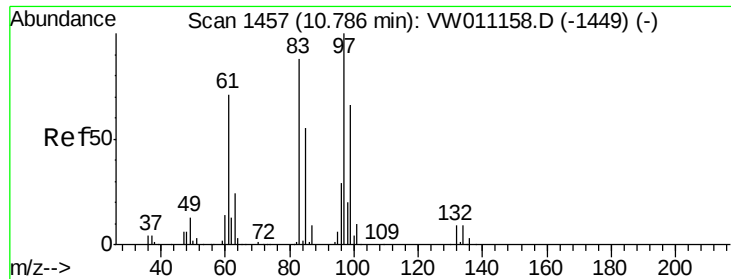


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

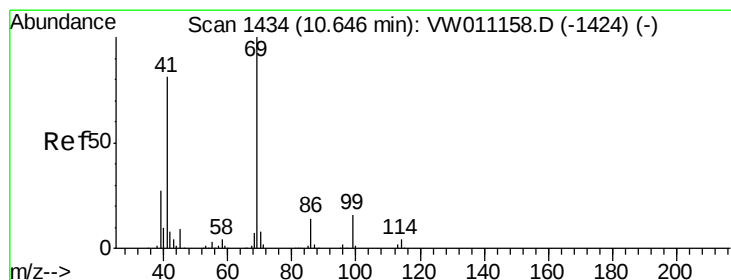
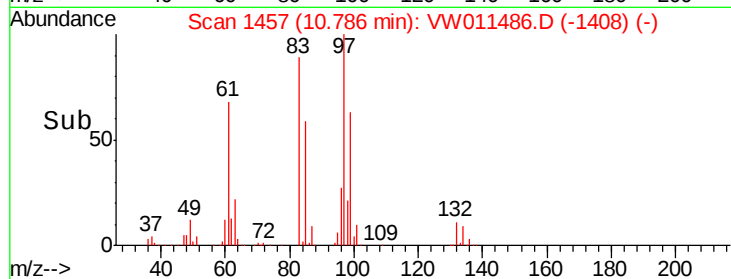
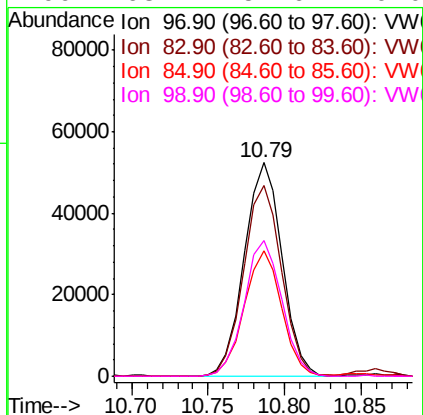
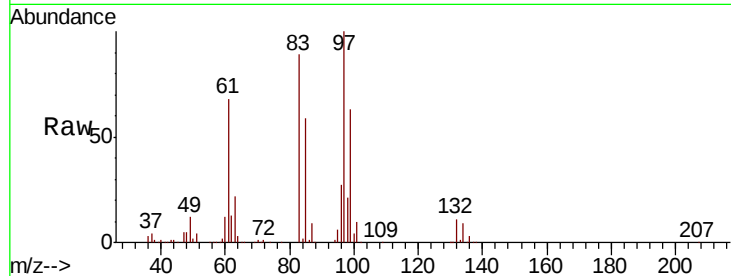




#55
 1,1,2-Trichloroethane
 Concen: 46.990 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

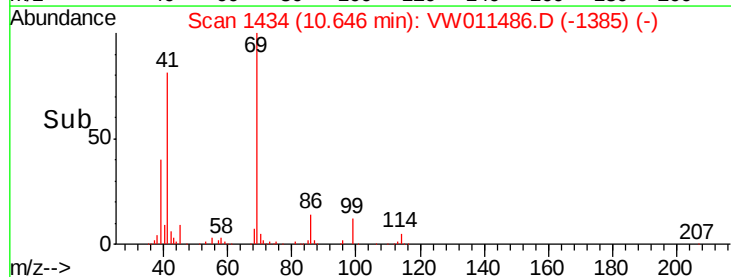
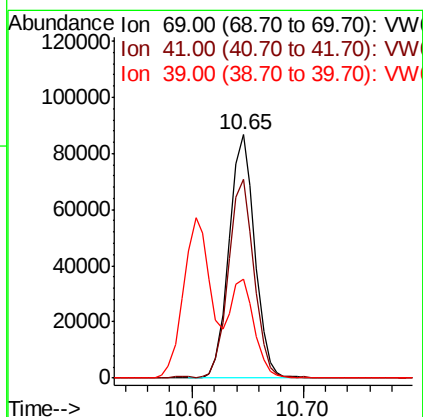
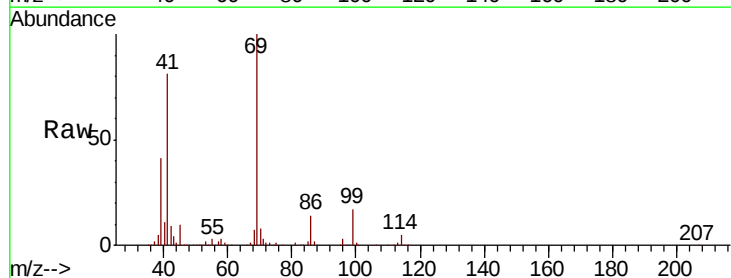
Instrument :
 MSVOA_W
 ClientSampleId :

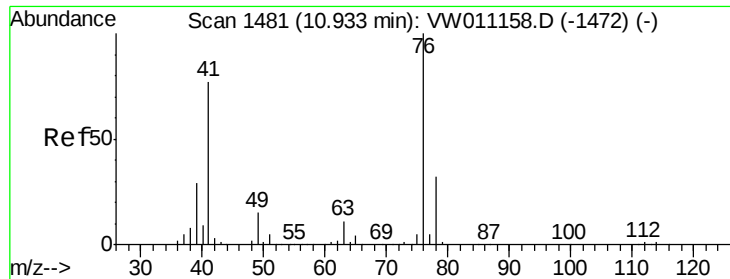
Tot Ion:	97	Resp:	90505
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	58.8	44.2	66.2
99	63.4	52.6	79.0



#56
 Ethyl methacrylate
 Concen: 47.248 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion:	69	Resp:	138547
Ion	Ratio	Lower	Upper
69	100		
41	80.4	66.5	99.7
39	37.7	32.5	48.7

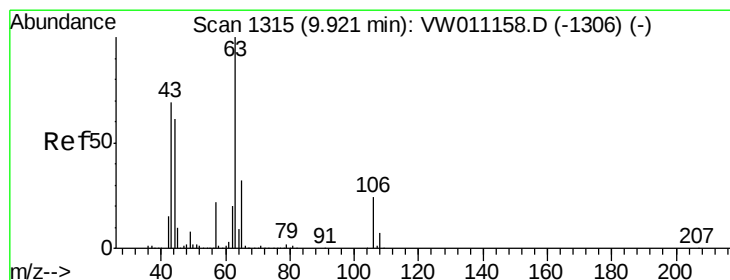
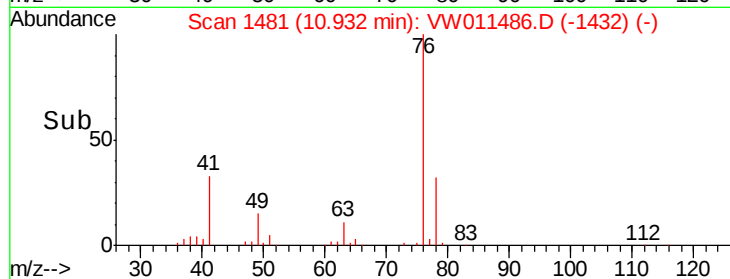
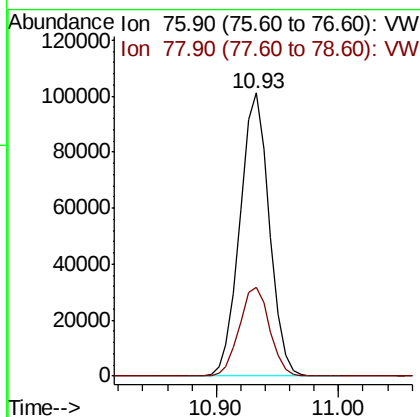
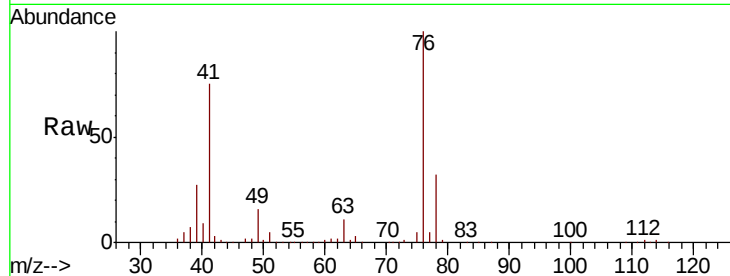




#57
 1,3-Dichloropropane
 Concen: 46.312 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

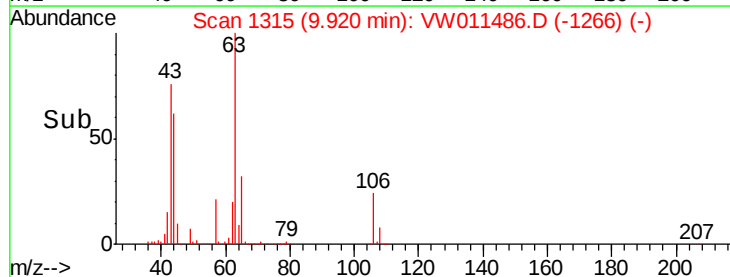
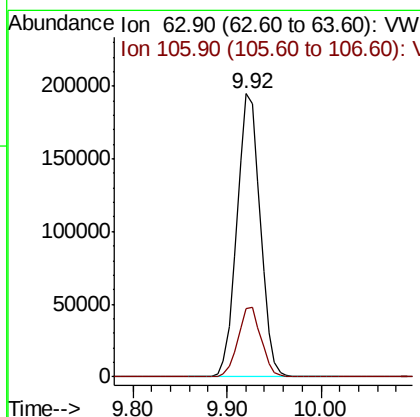
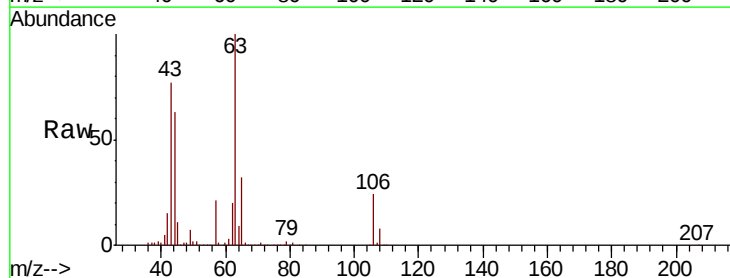
Instrument :
 MSVOA_W
 ClientSampled :

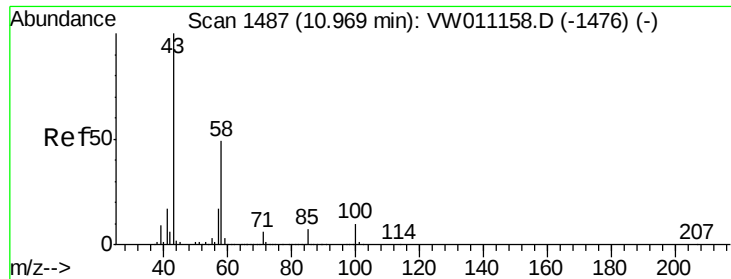
Tot Ion: 76 Resp: 168674
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.041 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion: 63 Resp: 334477
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

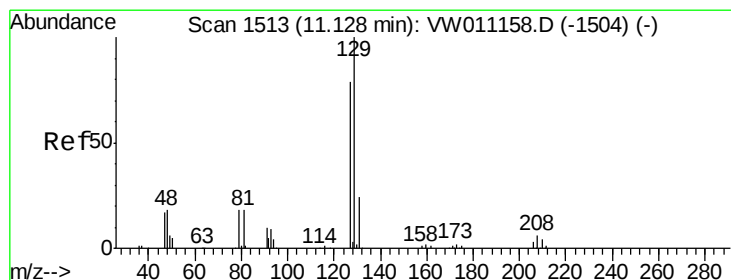
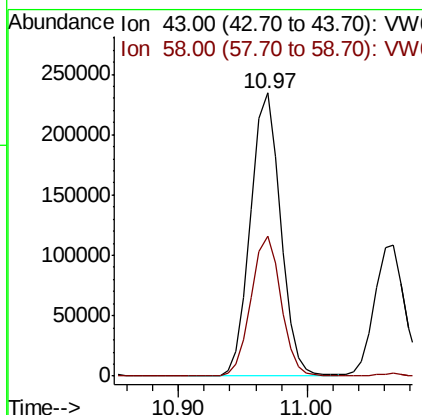
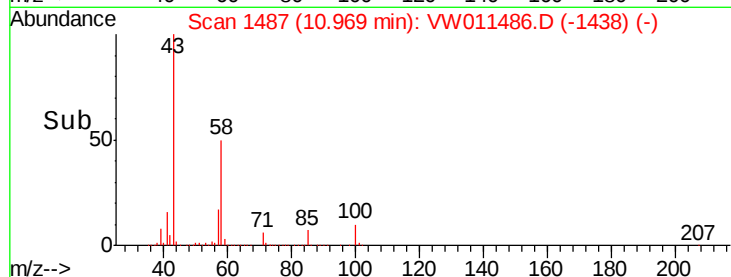
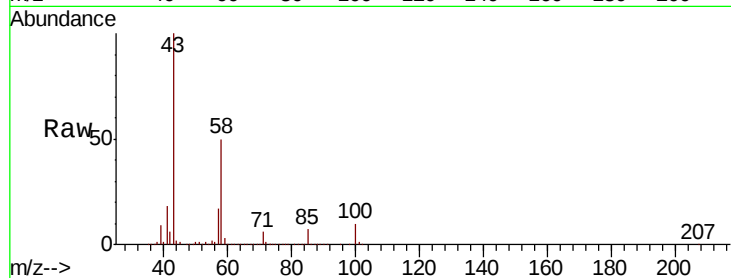




#59
2-Hexanone
Concen: 238.036 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

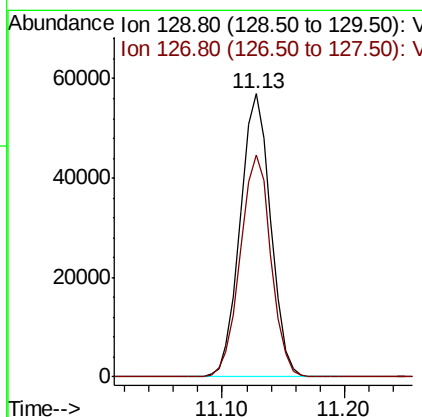
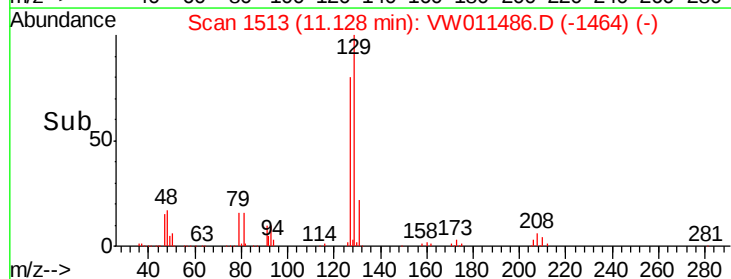
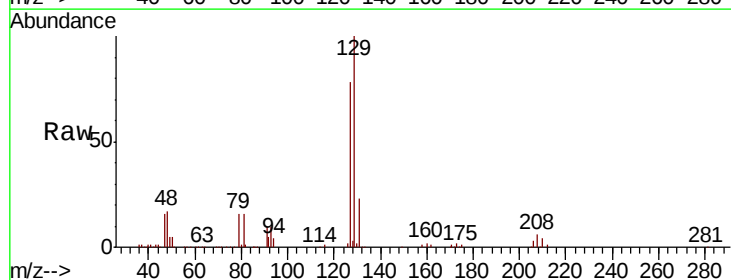
Instrument :
MSVOA_W
ClientSampled :

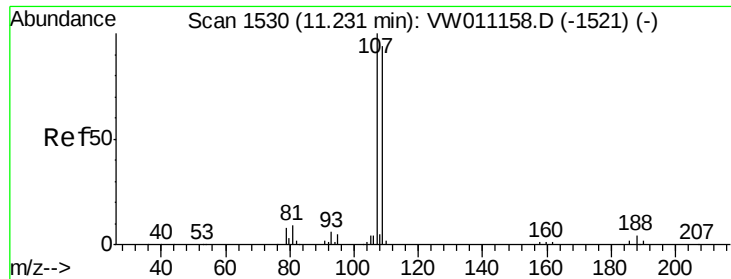
Tot Ion: 43 Resp: 377762
Ion Ratio Lower Upper
43 100
58 49.3 24.4 73.4



#60
Dibromochloromethane
Concen: 46.631 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 129 Resp: 98487
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3

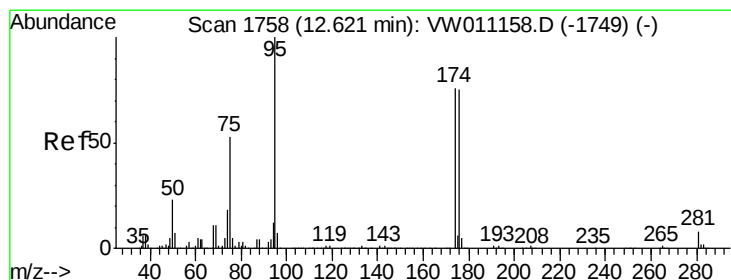
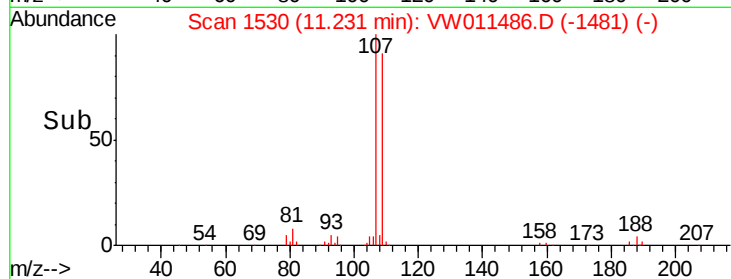
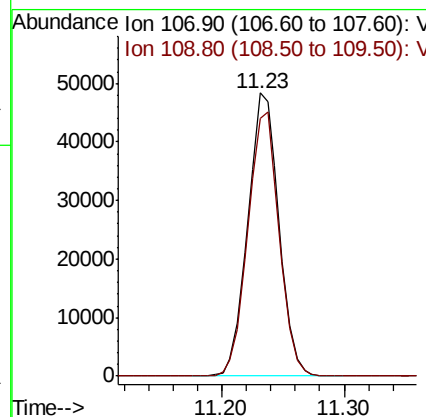
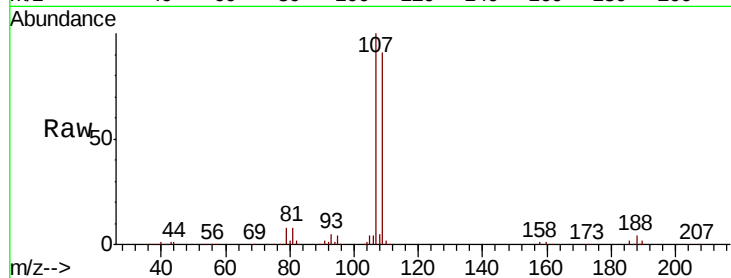




#61
 1,2-Dibromoethane
 Concen: 46.695 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

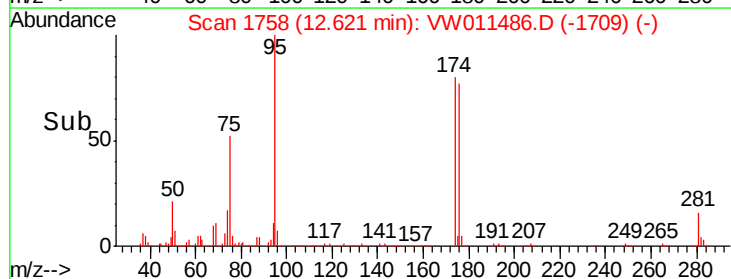
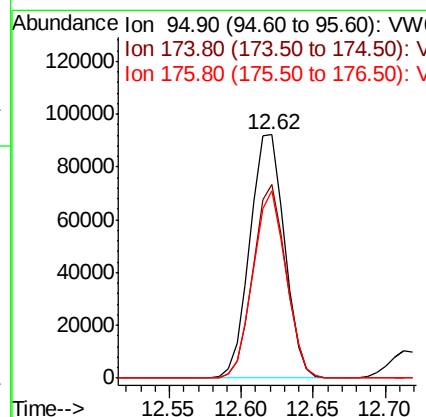
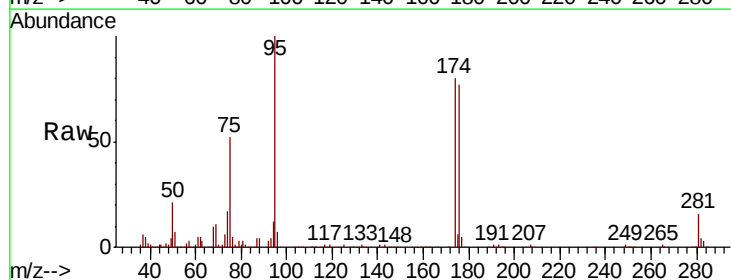
Instrument :
 MSVOA_W
 ClientSampled :

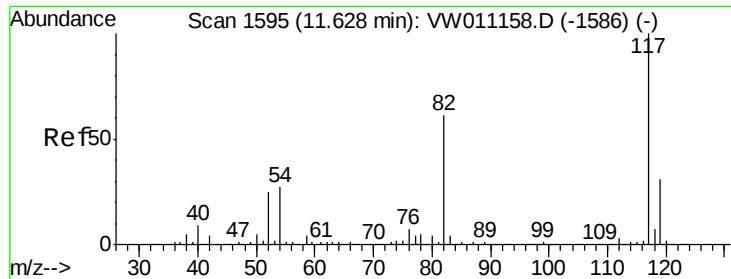
Tot Ion:107 Resp: 85190
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 47.845 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion: 95 Resp: 153225
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 147.6
 176 73.5 0.0 144.6

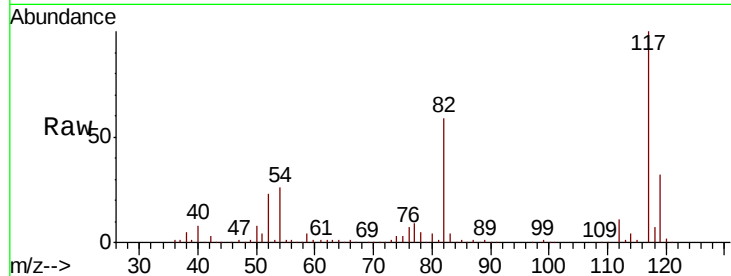




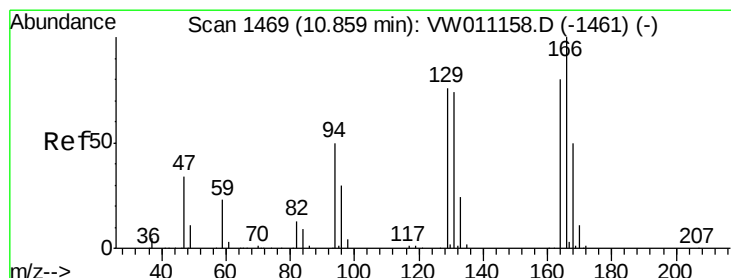
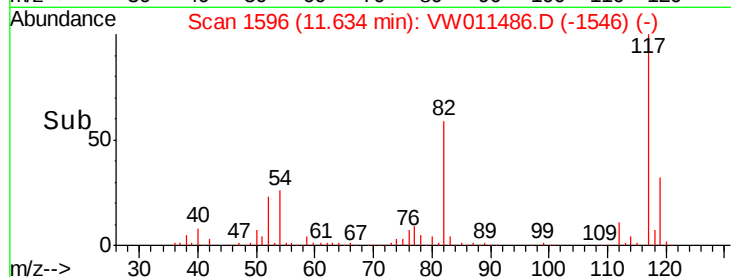
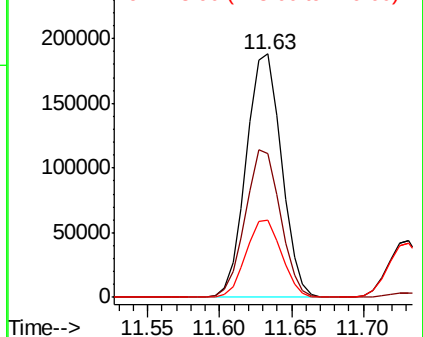
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 319746
Ion Ratio Lower Upper
117 100
82 59.2 48.9 73.3
119 32.0 25.0 37.6

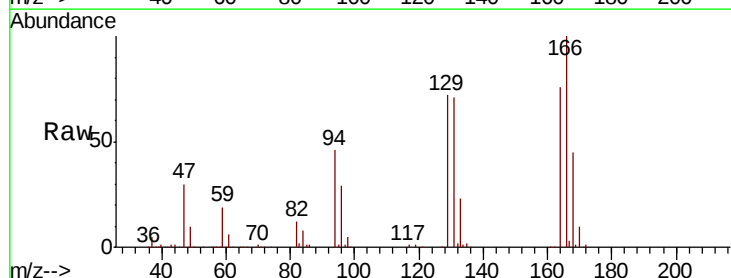


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

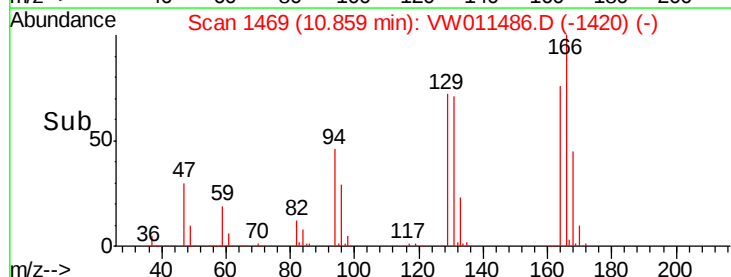
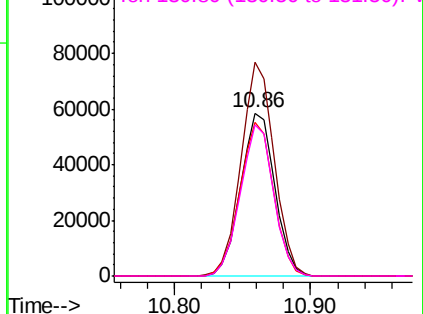


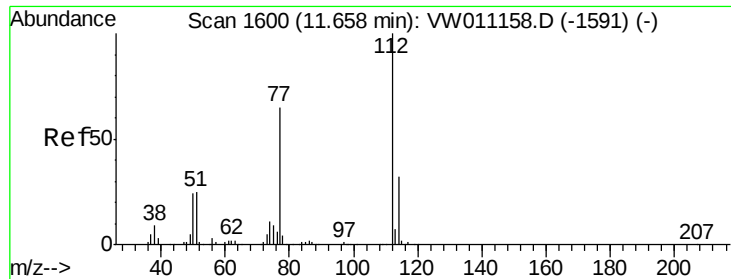
#64
Tetrachloroethene
Concen: 47.429 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:164 Resp: 102331
Ion Ratio Lower Upper
164 100
166 131.3 99.7 149.5
129 94.4 76.2 114.2
131 93.0 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

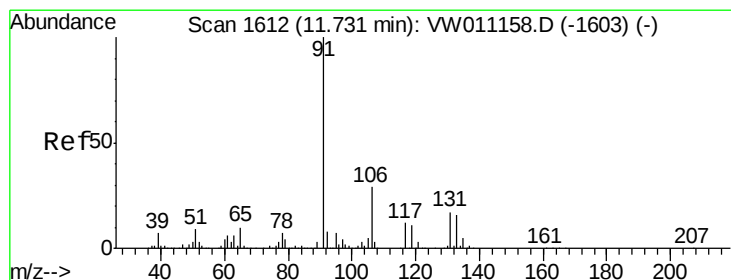
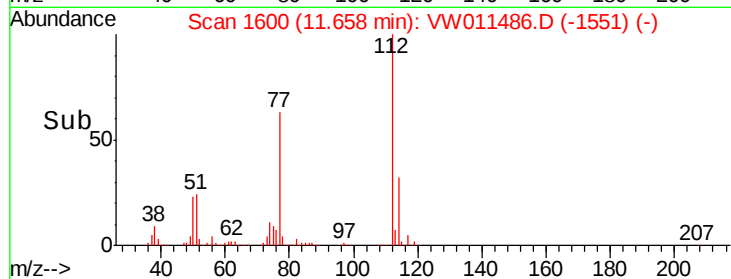
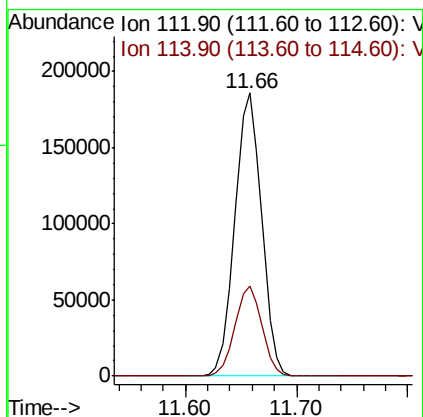
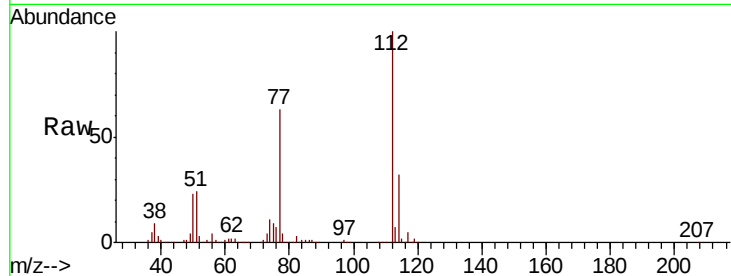




#65
Chlorobenzene
Concen: 47.544 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

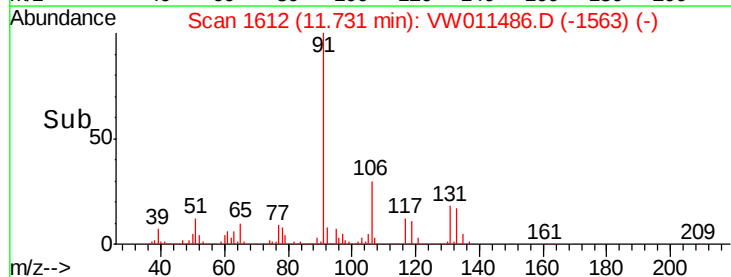
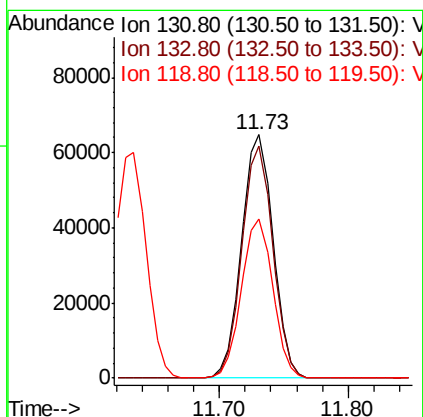
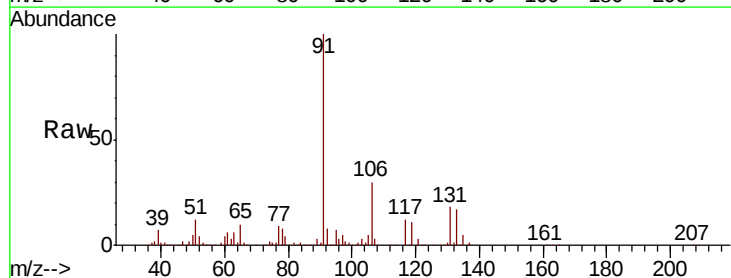
Instrument :
MSVOA_W
ClientSampleId :

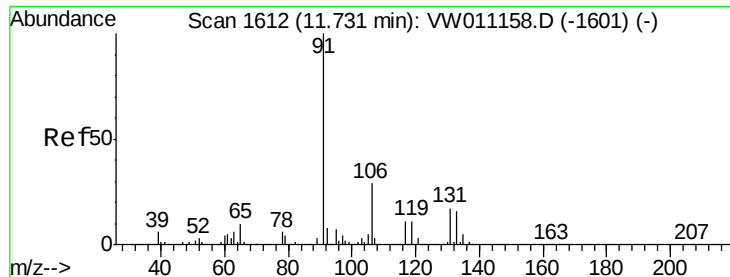
Tot Ion:112 Resp: 309074
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.802 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:131 Resp: 109416
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.8
119 65.3 33.1 99.2

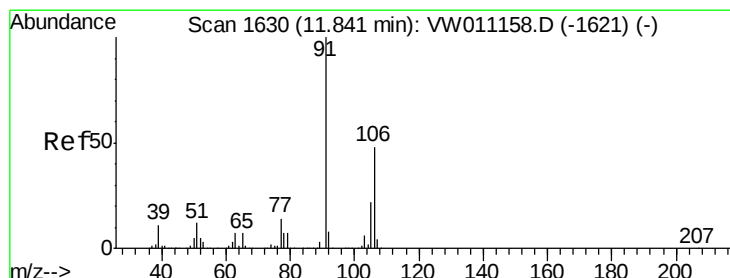
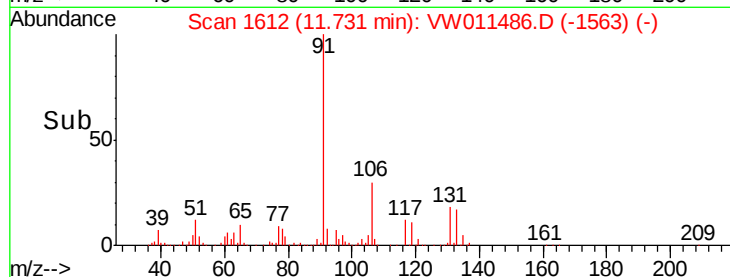
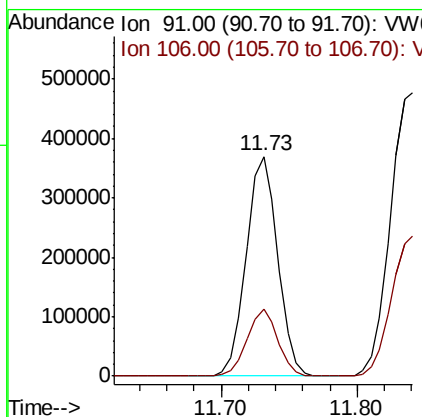
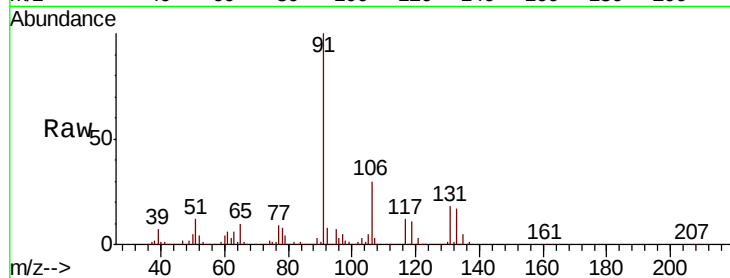




#67
Ethyl Benzene
Concen: 48.073 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

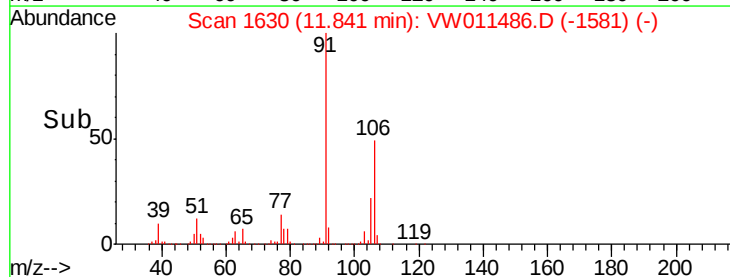
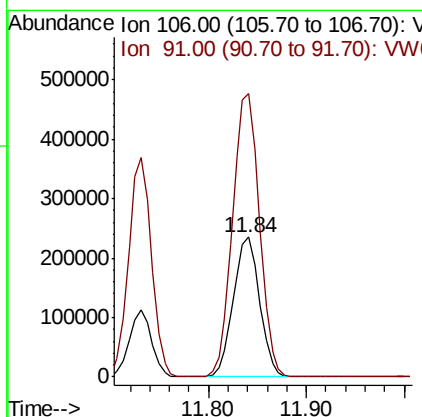
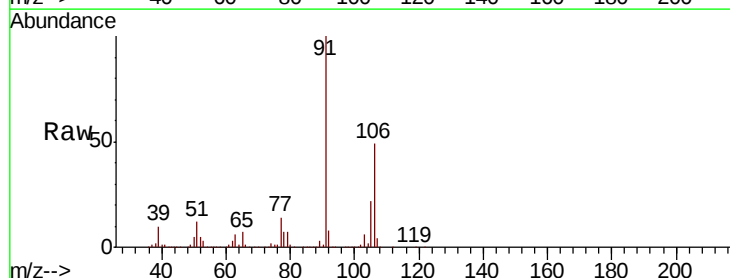
Instrument :
MSVOA_W
ClientSampleId :

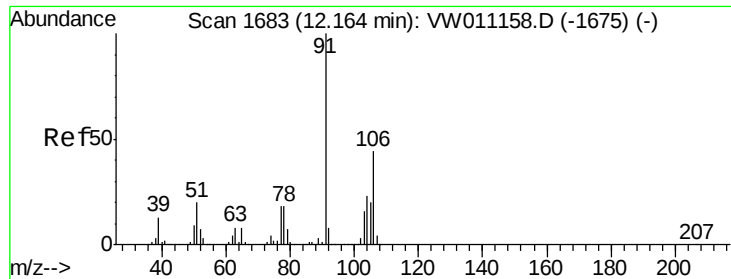
Tot Ion: 91 Resp: 598266
Ion Ratio Lower Upper
91 100
106 30.4 23.5 35.3



#68
m/p-Xylenes
Concen: 97.403 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 106 Resp: 438612
Ion Ratio Lower Upper
106 100
91 206.9 167.7 251.5

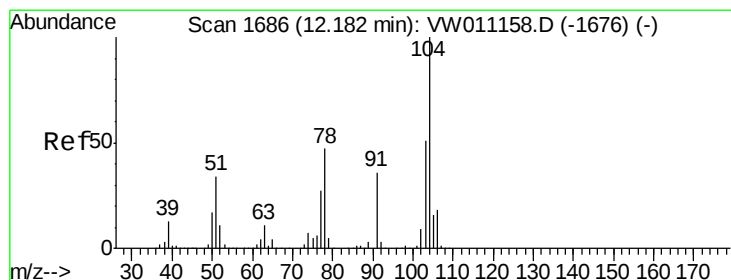
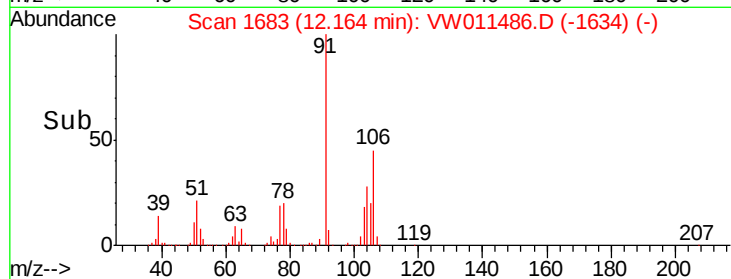
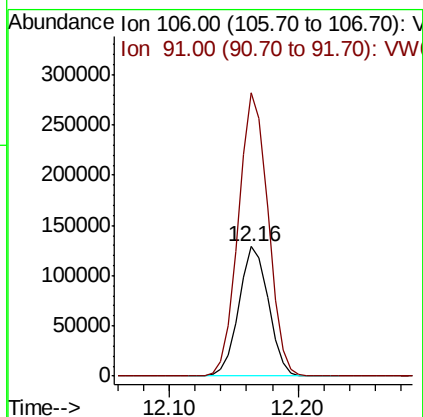
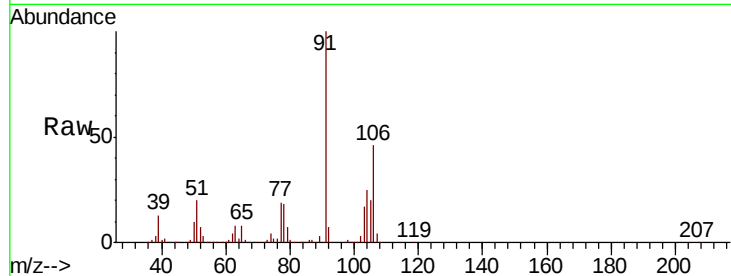




#69
o-Xylene
Concen: 48.150 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

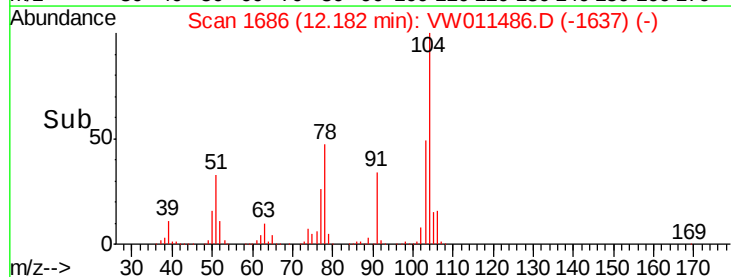
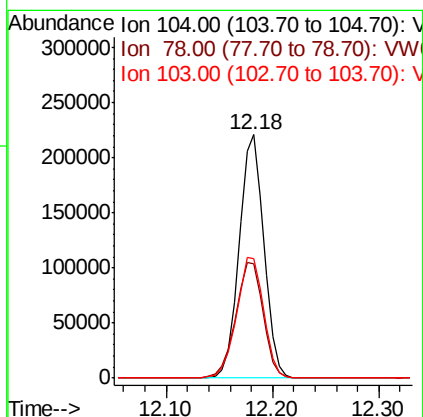
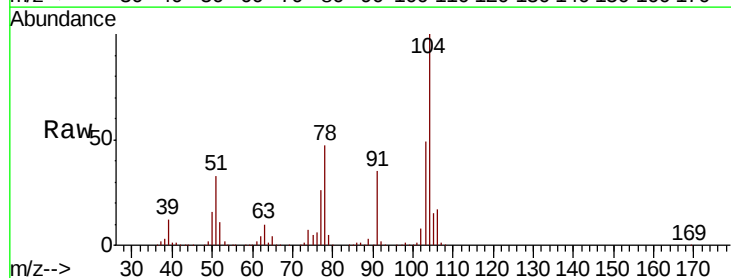
Instrument :
MSVOA_W
ClientSampleId :

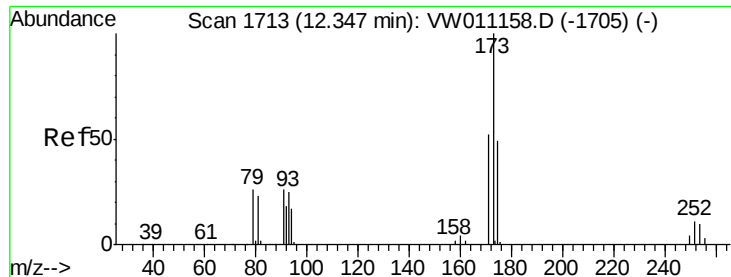
Tot Ion:106 Resp: 204358
Ion Ratio Lower Upper
106 100
91 220.2 110.7 332.1



#70
Styrene
Concen: 49.218 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:104 Resp: 360512
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 54.3 44.1 66.1





#71

Bromoform

Concen: 46.721 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

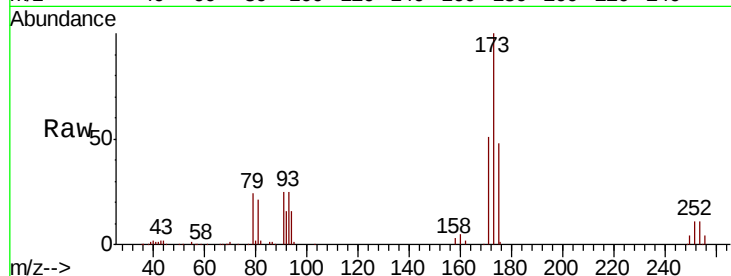
Tot Ion:173 Resp: 56859

Ion Ratio Lower Upper

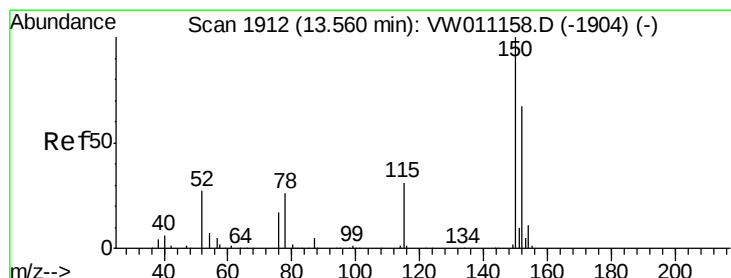
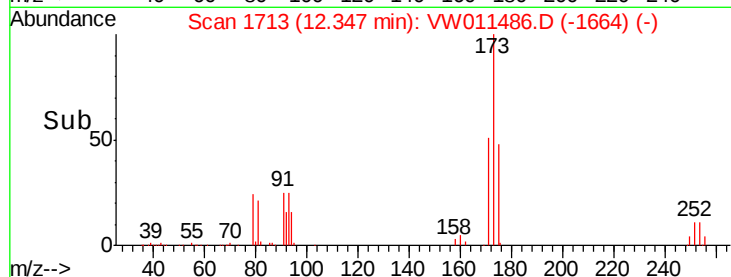
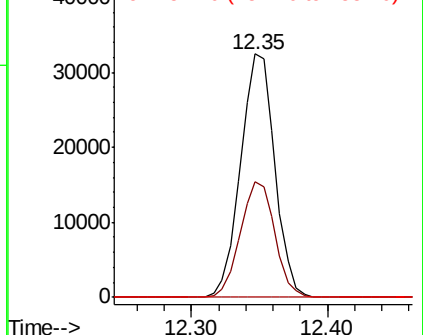
173 100

175 48.0 24.8 74.3

254 0.1 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: VW011486.D

Acq: 24 Jul 2019 20:10

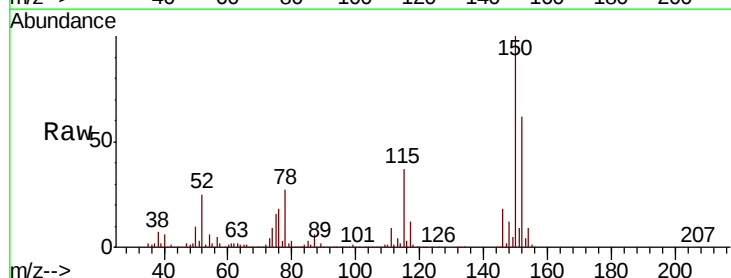
Tgt Ion:152 Resp: 156173

Ion Ratio Lower Upper

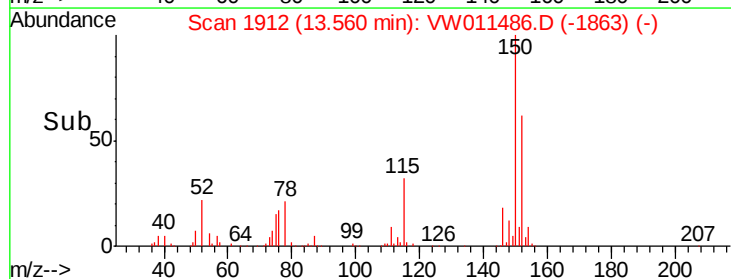
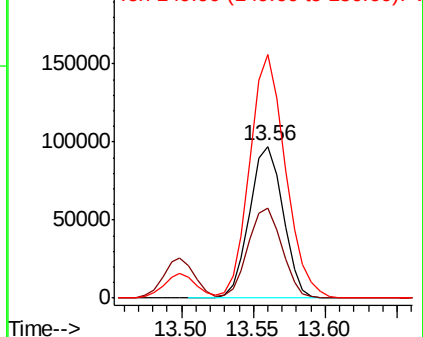
152 100

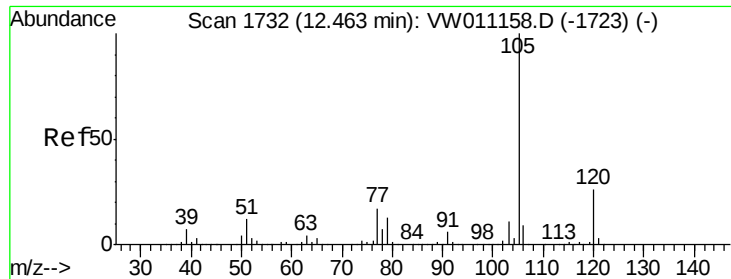
115 60.5 30.1 90.3

150 171.8 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: 48.802 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

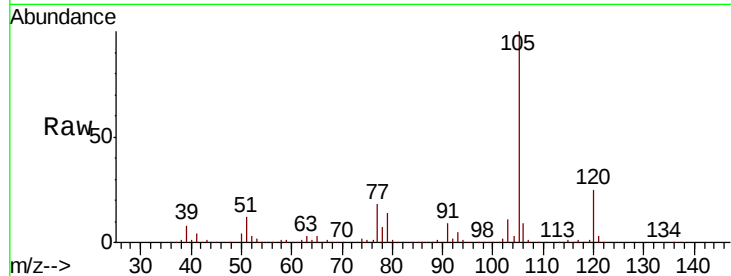
ClientSampled :

Tot Ion:105 Resp: 569743

Ion Ratio Lower Upper

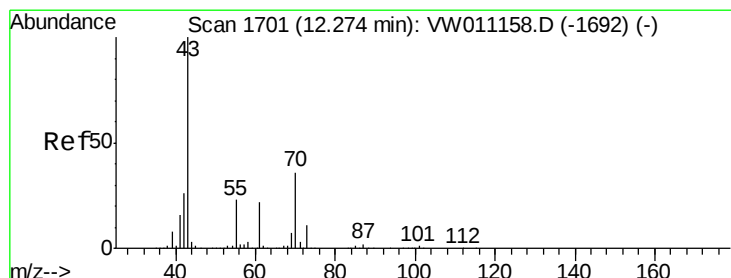
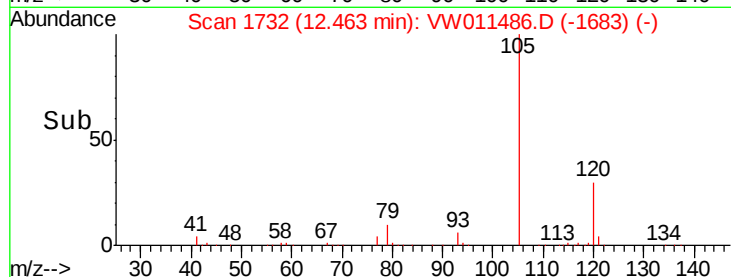
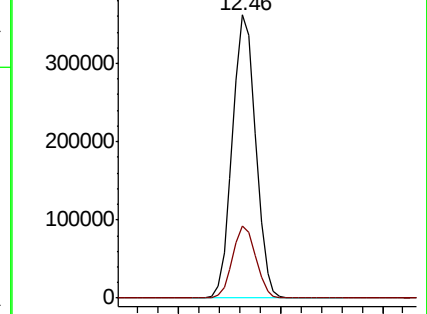
105 100

120 25.4 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: 46.287 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Tgt Ion: 43 Resp: 188201

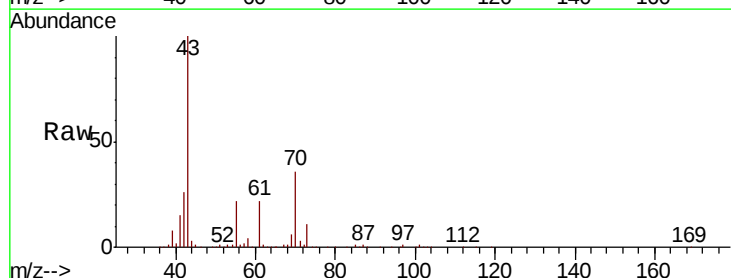
Ion Ratio Lower Upper

43 100

70 36.1 28.5 42.7

55 22.2 18.1 27.1

61 21.5 17.2 25.8

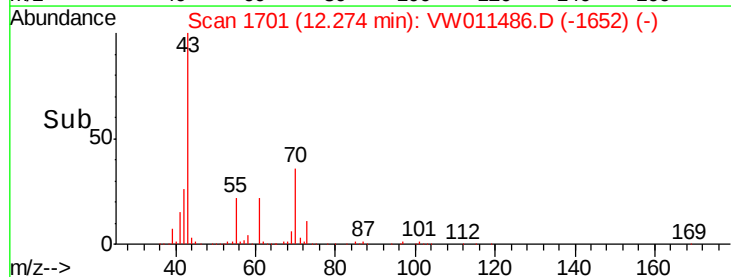
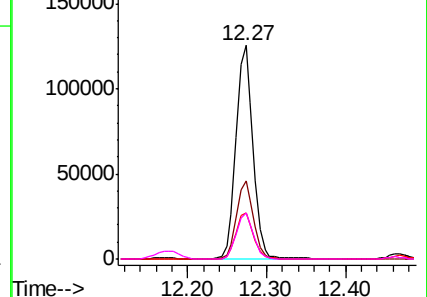


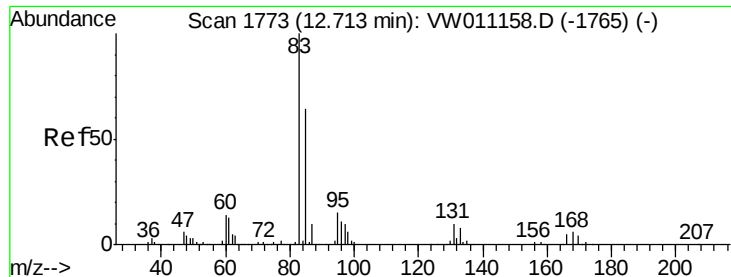
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 46.155 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

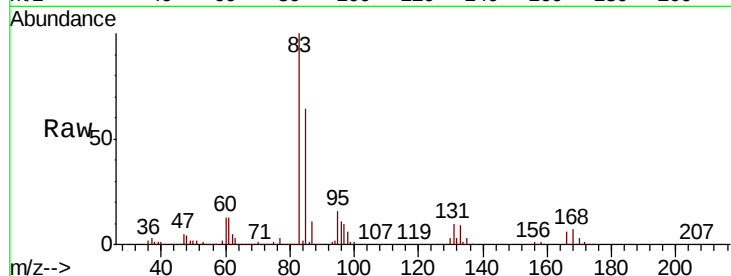
Tot Ion: 83 Resp: 110453

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

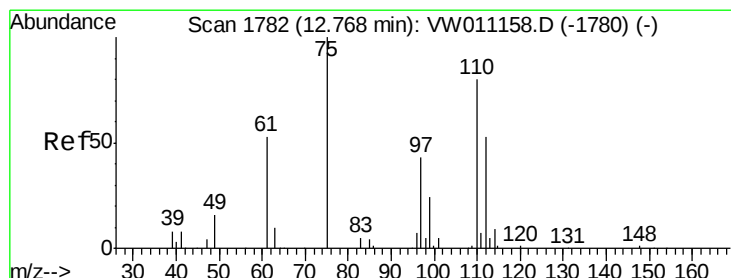
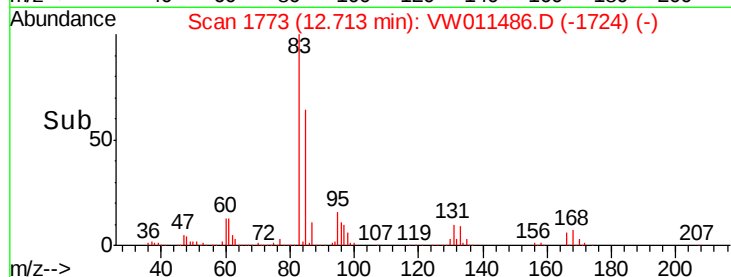
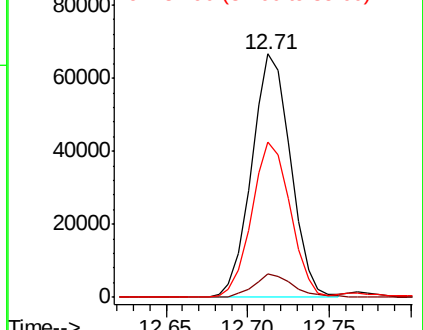
85 63.4 31.6 94.8



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: 80.986 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011486.D

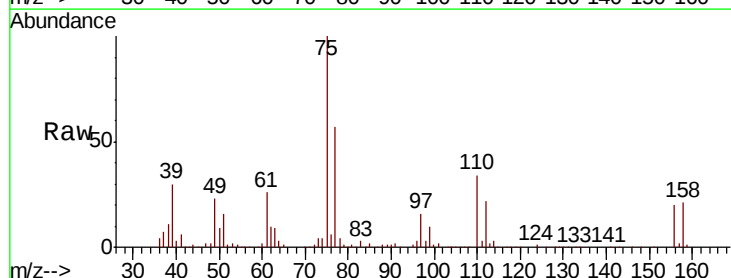
Acq: 24 Jul 2019 20:10

Tgt Ion: 75 Resp: 146161

Ion Ratio Lower Upper

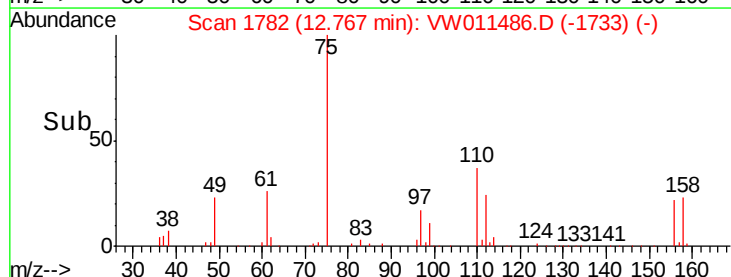
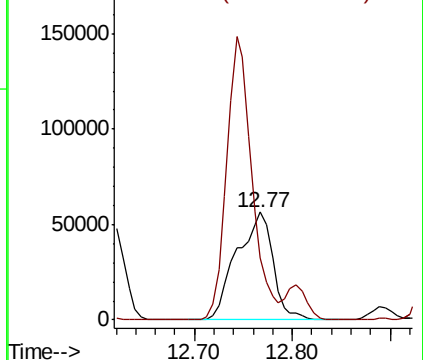
75 100

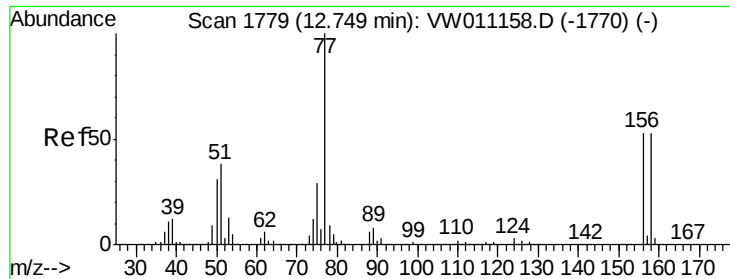
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

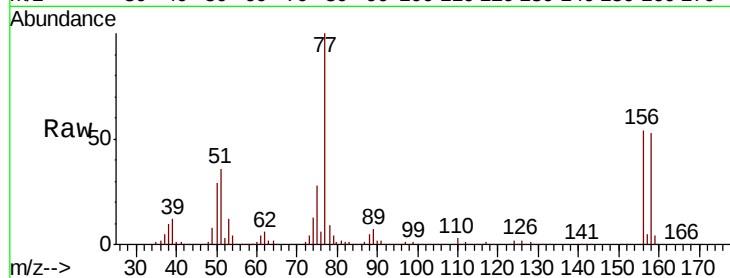




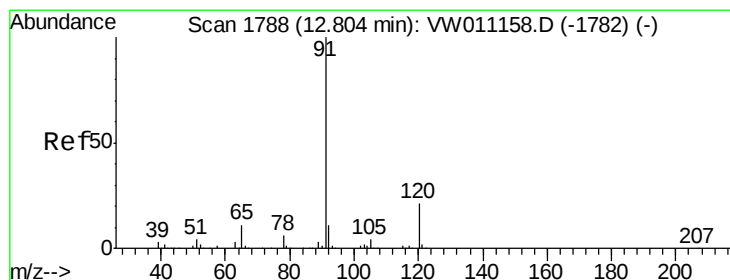
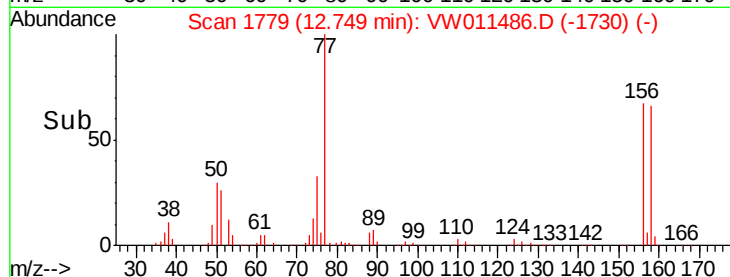
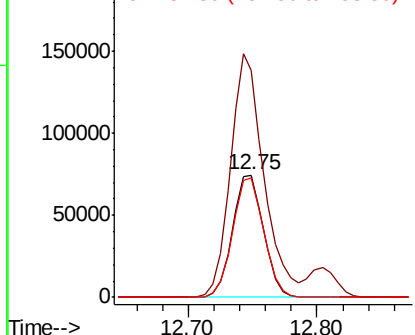
#77
Bromobenzene
Concen: 47.585 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:156 Resp: 124670
Ion Ratio Lower Upper
156 100
77 214.1 109.0 327.0
158 97.7 48.8 146.3

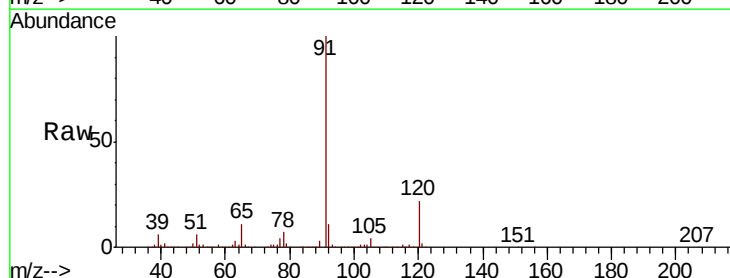


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

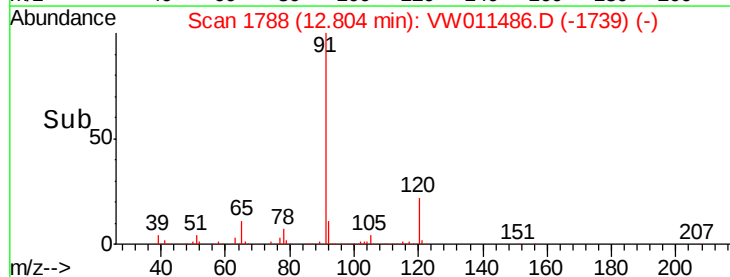
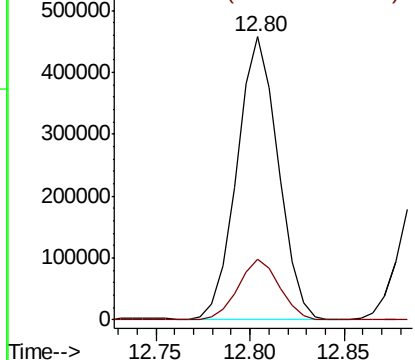


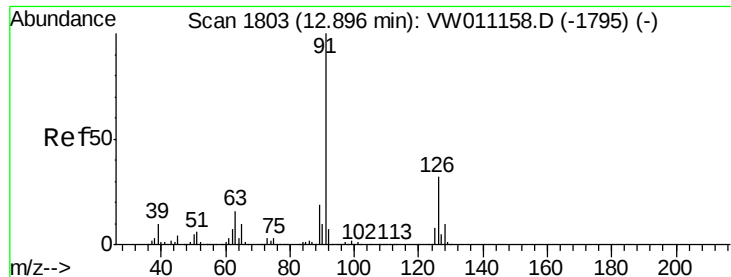
#78
n-propylbenzene
Concen: 48.150 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion: 91 Resp: 692468
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: 48.060 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

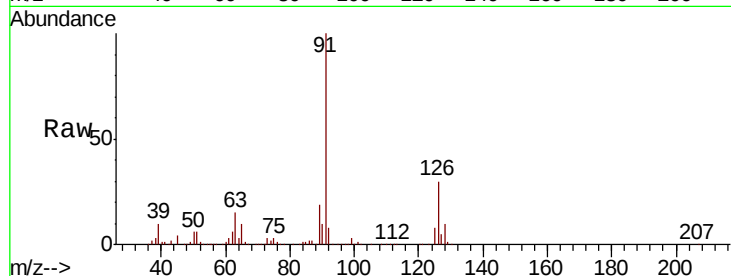
ClientSampled :

Tot Ion: 91 Resp: 397733

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.3

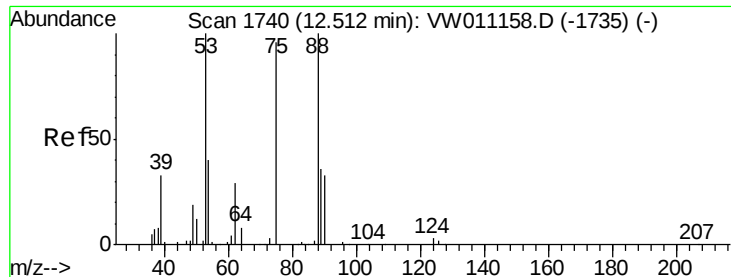


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 44.709 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

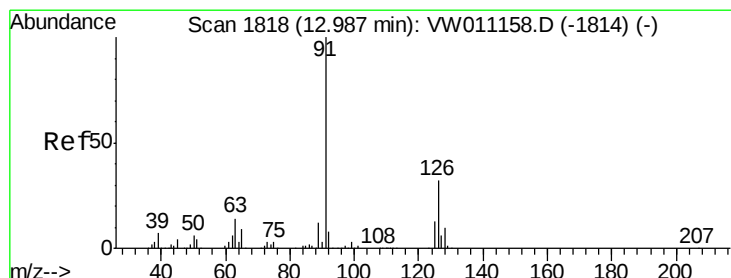
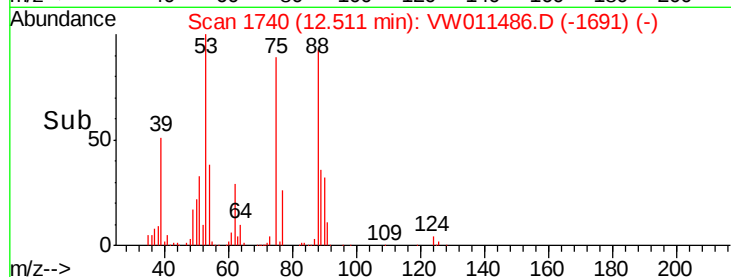
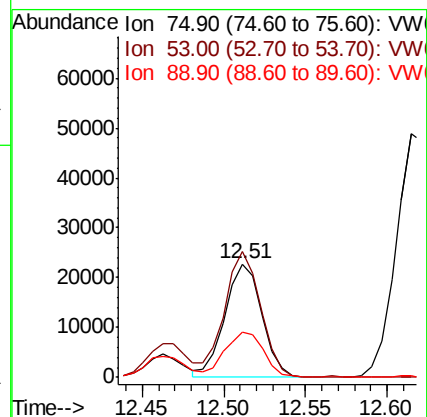
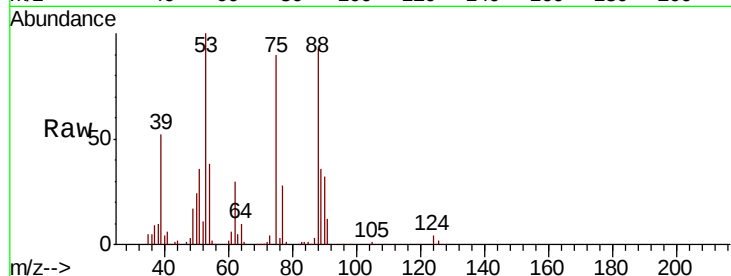
Tot Ion: 75 Resp: 35675

Ion Ratio Lower Upper

75 100

53 107.6 89.8 134.6

89 42.1 34.3 51.5



#82

4-Chlorotoluene

Concen: 48.122 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011486.D

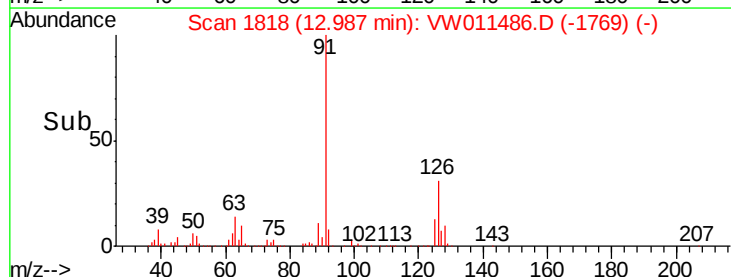
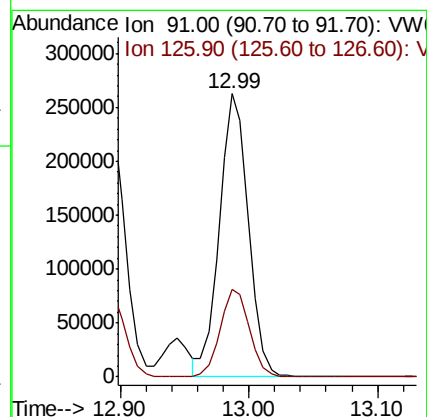
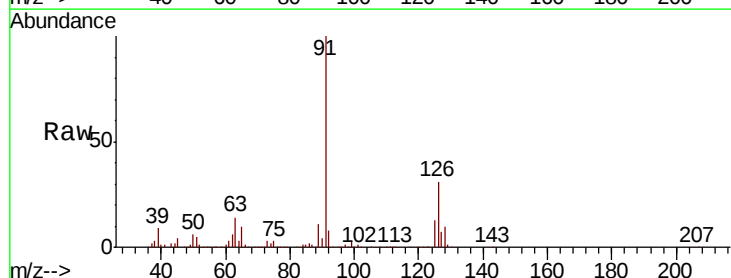
Acq: 24 Jul 2019 20:10

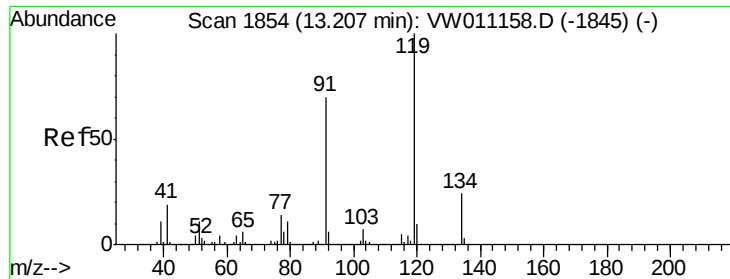
Tgt Ion: 91 Resp: 414801

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1

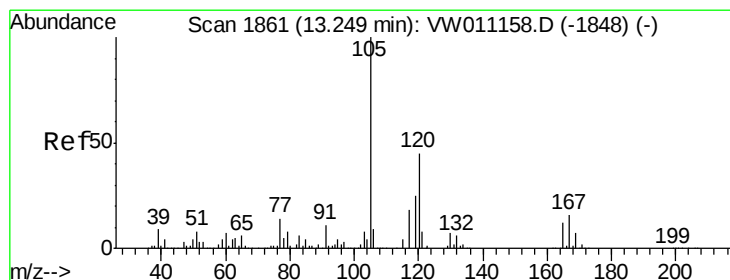
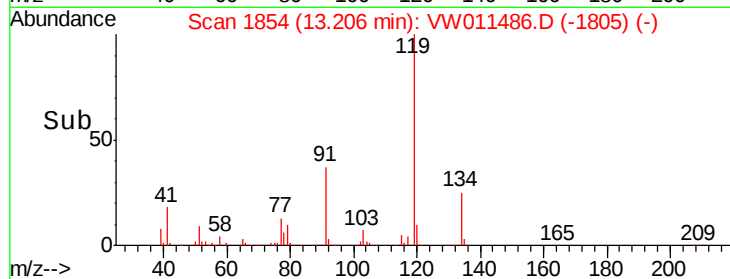
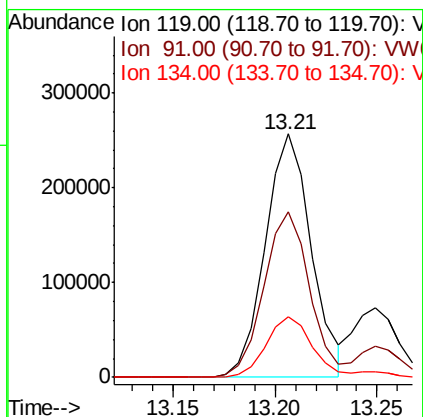
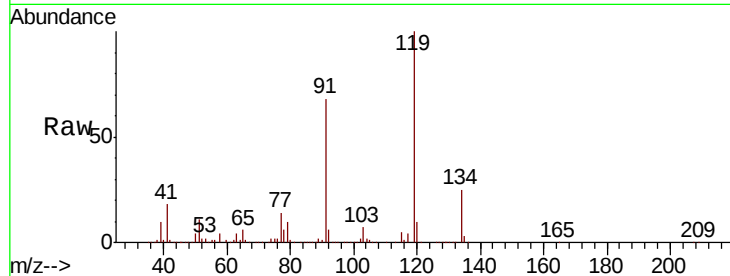




#83
tert-Butylbenzene
Concen: 48.848 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

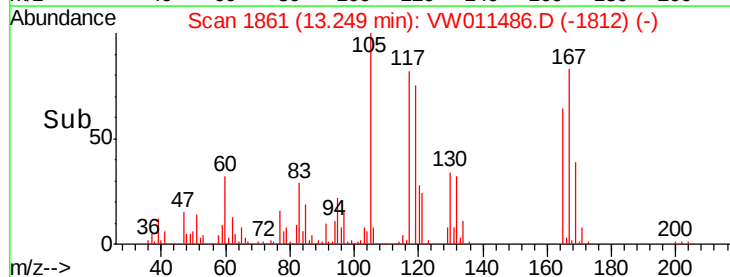
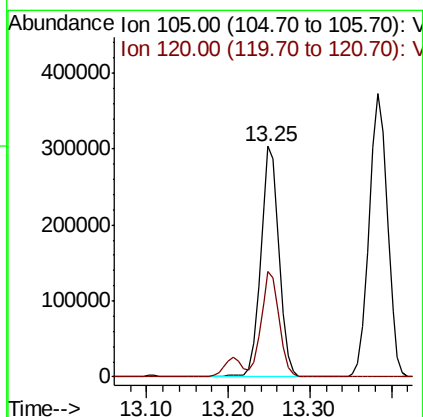
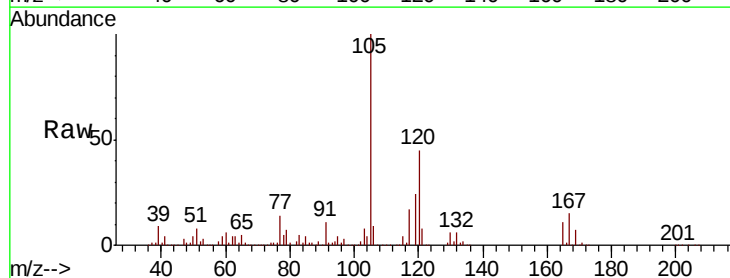
Instrument :
MSVOA_W
ClientSampleId :

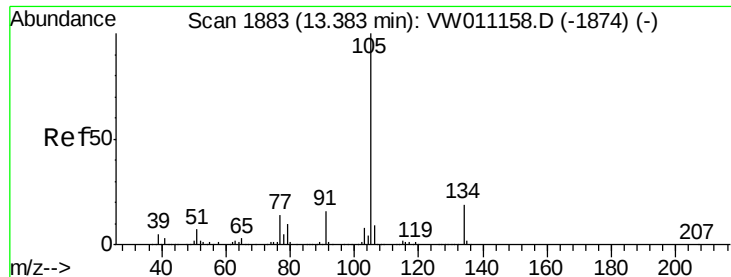
Tot Ion:119 Resp: 404051
Ion Ratio Lower Upper
119 100
91 67.4 35.4 106.3
134 26.7 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 47.876 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:105 Resp: 476792
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.877 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

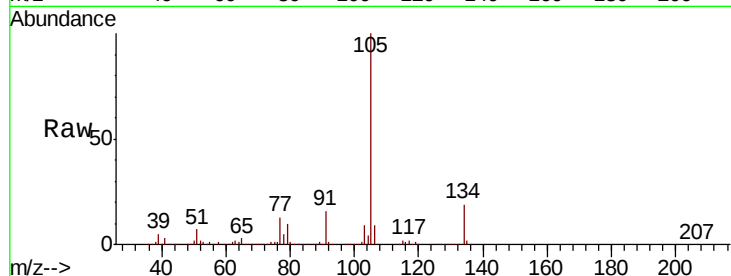
ClientSampleId :

Tot Ion:105 Resp: 571440

Ion Ratio Lower Upper

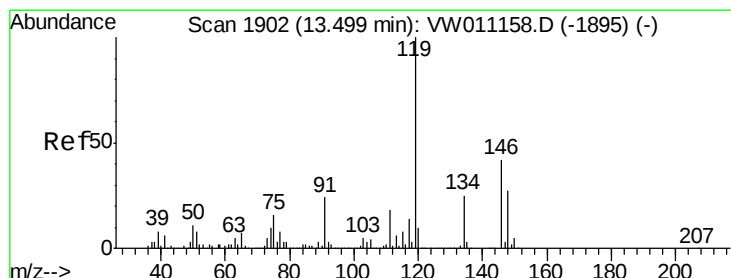
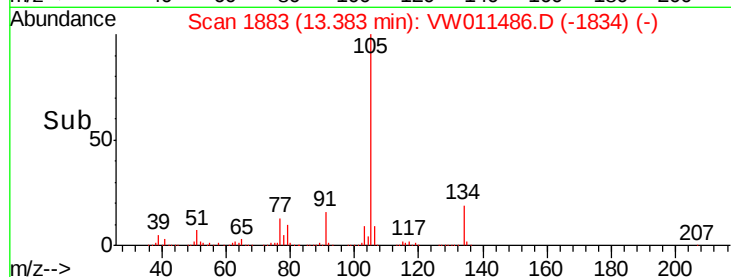
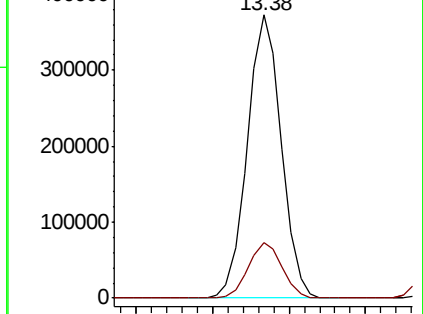
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.373 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

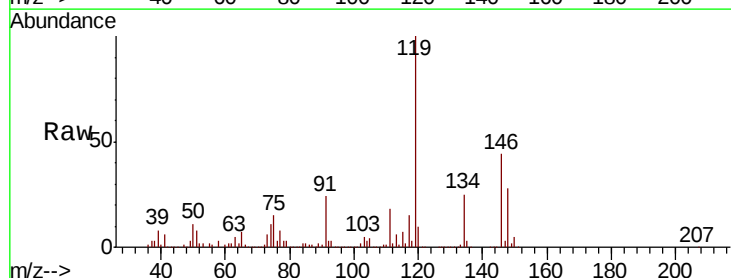
Tgt Ion:119 Resp: 517845

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.6

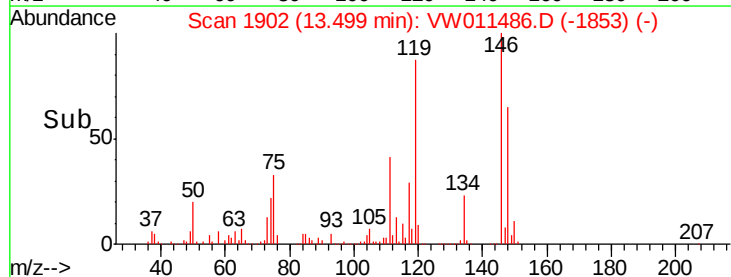
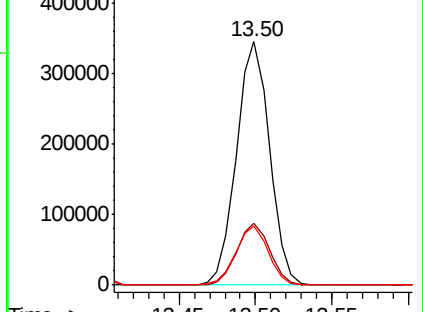
91 24.1 12.3 36.8

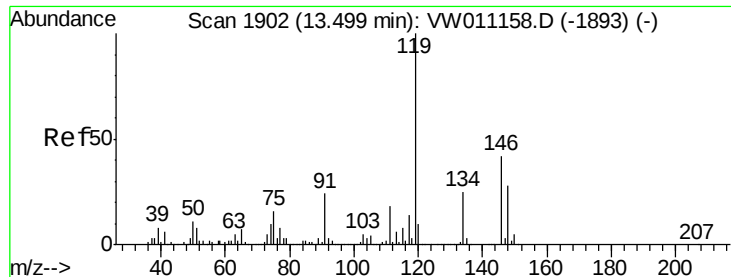


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

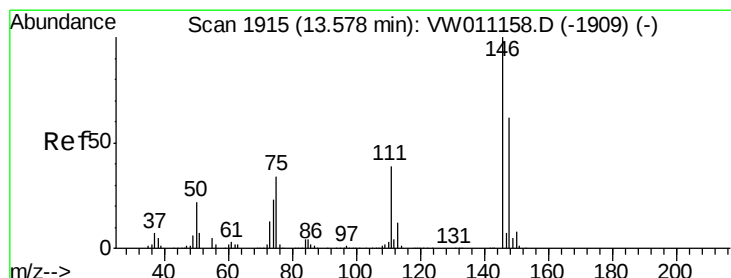
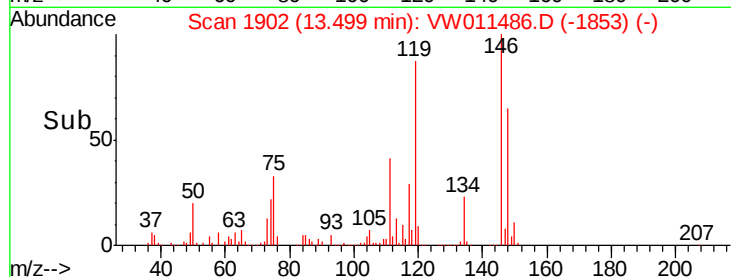
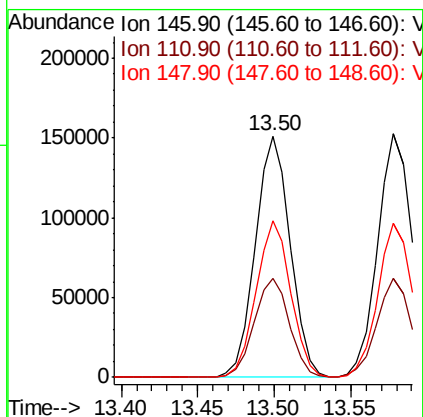
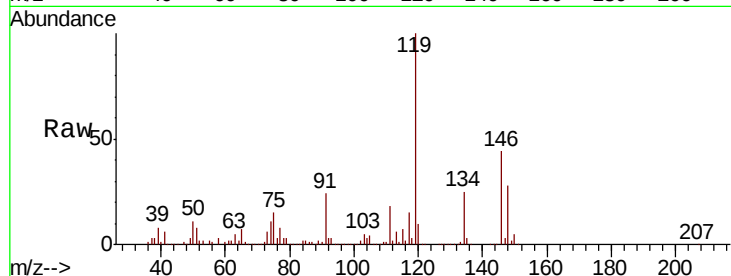




#87
 1,3-Dichlorobenzene
 Concen: 47.676 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

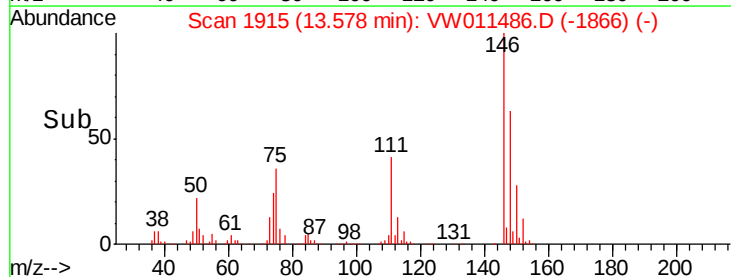
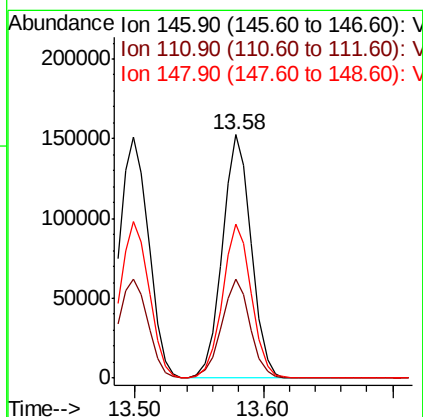
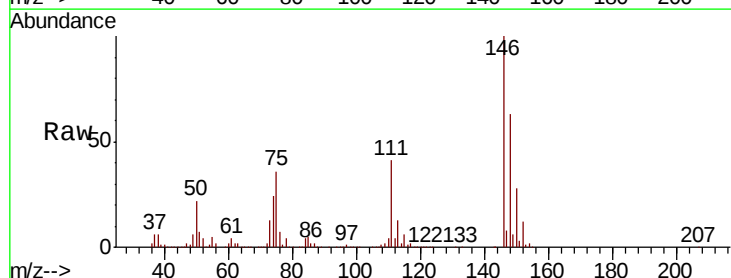
Instrument :
 MSVOA_W
 ClientSampleId :

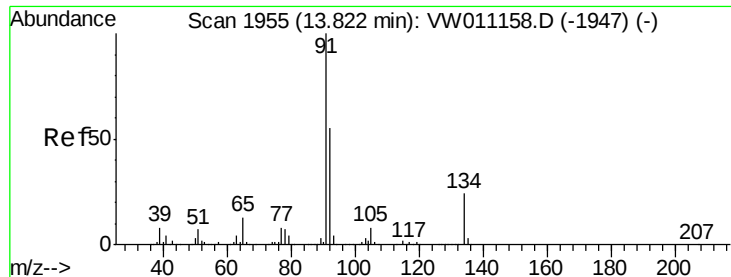
Tot Ion:146 Resp: 240324
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 64.3 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 47.110 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion:146 Resp: 239130
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 63.3 31.5 94.5





#89

n-Butylbenzene

Concen: 48.361 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

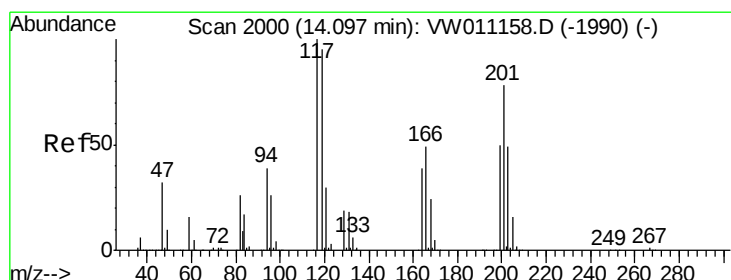
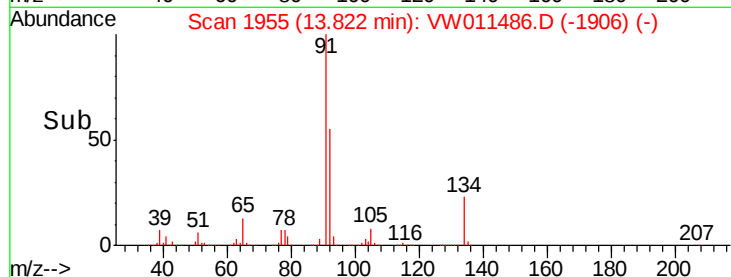
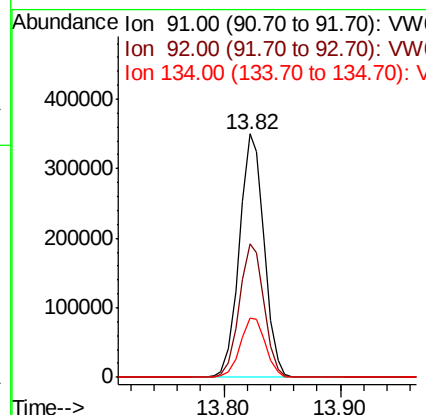
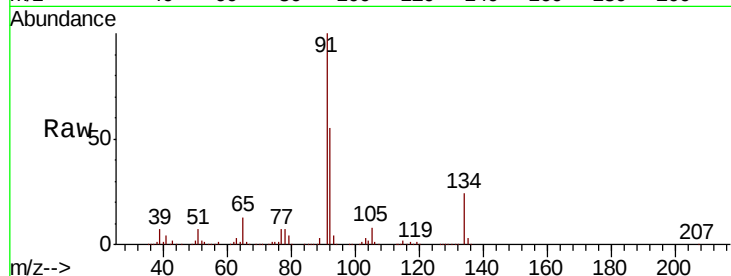
Tot Ion: 91 Resp: 516455

Ion Ratio Lower Upper

91 100

92 54.9 26.9 80.7

134 24.7 12.2 36.4



#90

Hexachloroethane

Concen: 46.125 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW011486.D

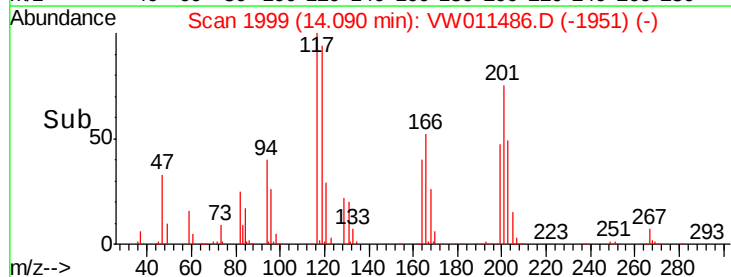
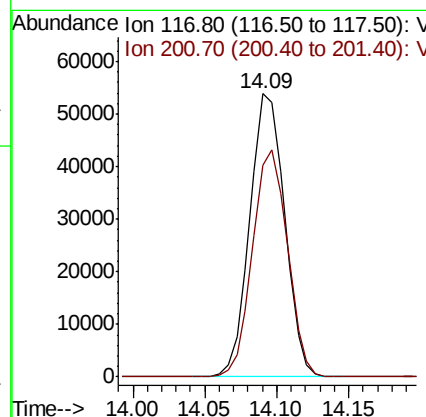
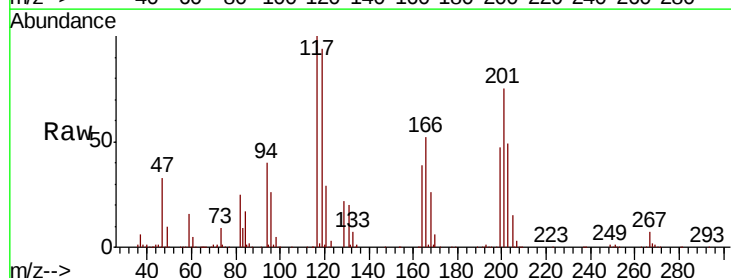
Acq: 24 Jul 2019 20:10

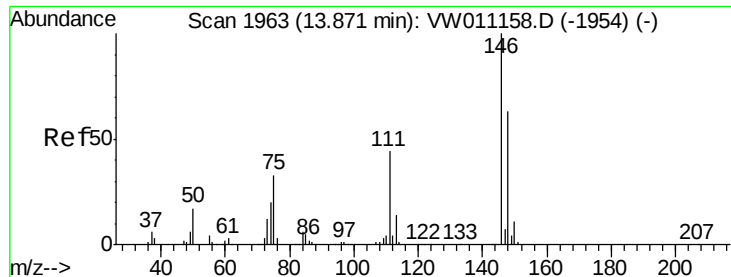
Tgt Ion: 117 Resp: 90231

Ion Ratio Lower Upper

117 100

201 80.3 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 47.075 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

Instrument :

MSVOA_W

ClientSampleId :

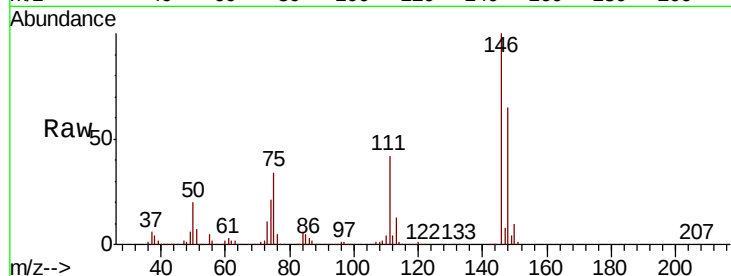
Tot Ion:146 Resp: 215279

Ion Ratio Lower Upper

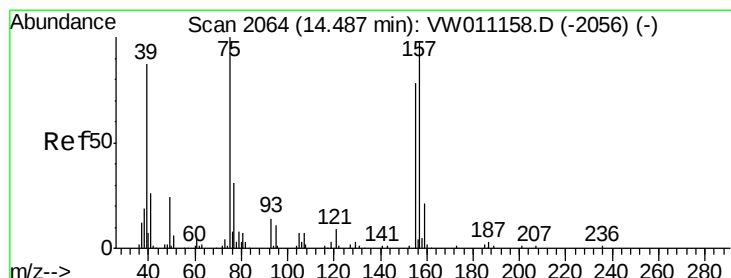
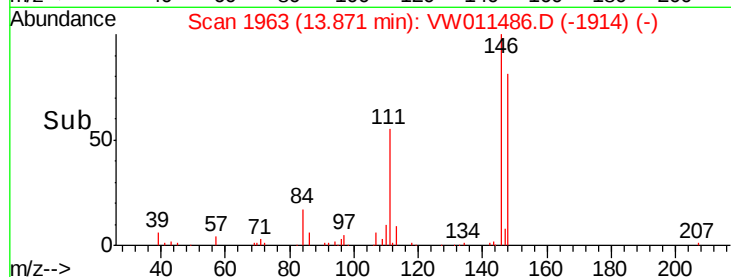
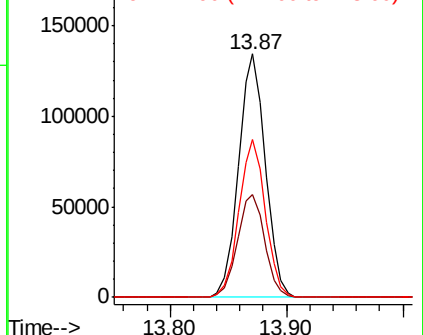
146 100

111 43.1 21.6 65.0

148 63.9 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.765 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW011486.D

Acq: 24 Jul 2019 20:10

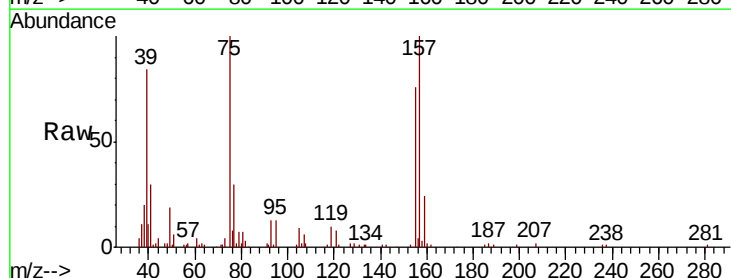
Tgt Ion: 75 Resp: 19002

Ion Ratio Lower Upper

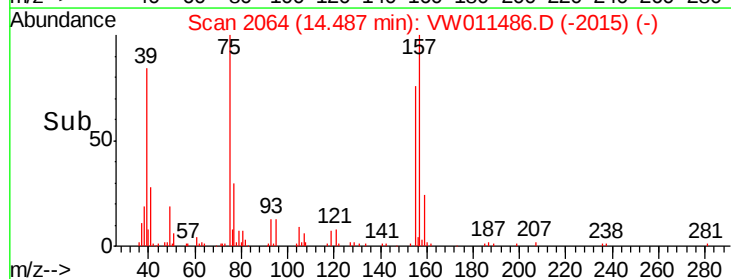
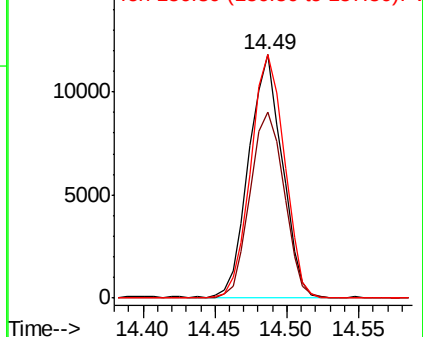
75 100

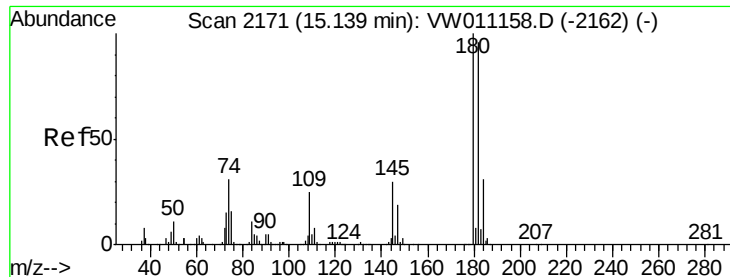
155 77.9 37.1 111.3

157 100.5 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

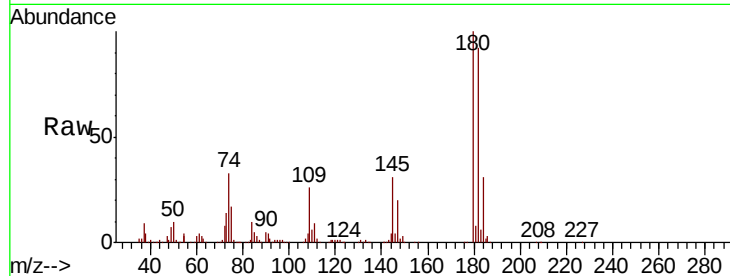




#93
 1,2,4-Trichlorobenzene
 Concen: 49.737 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.9
145	30.2	15.5	46.5

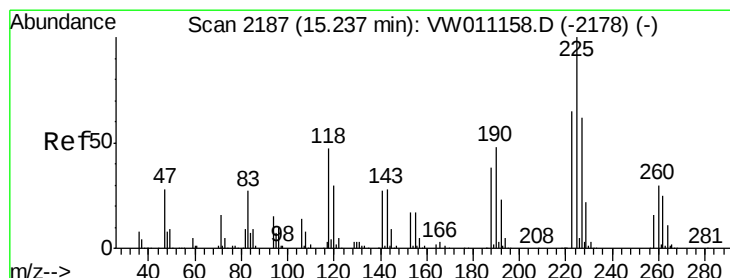
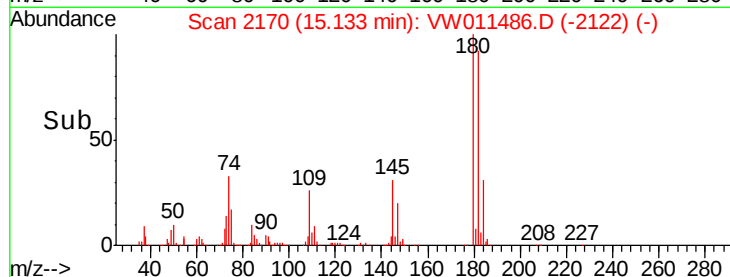
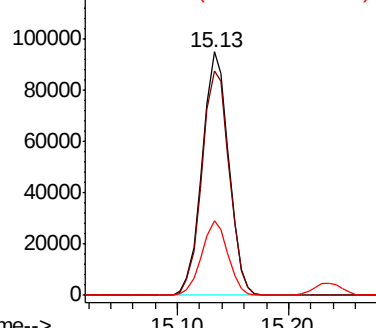


Abundance

Ion 179.80 (179.50 to 180.50): V

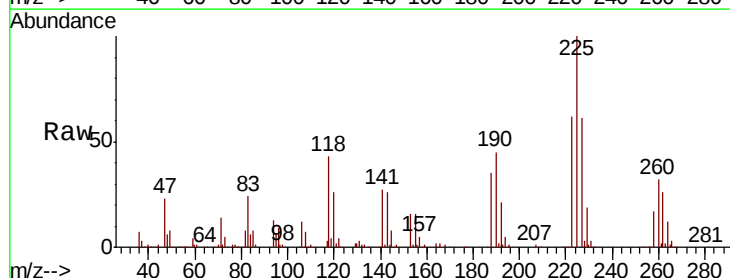
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.233 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011486.D
 Acq: 24 Jul 2019 20:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	95.0
227	63.4	32.0	96.0

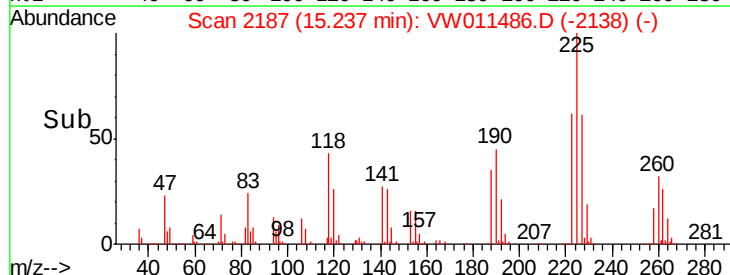
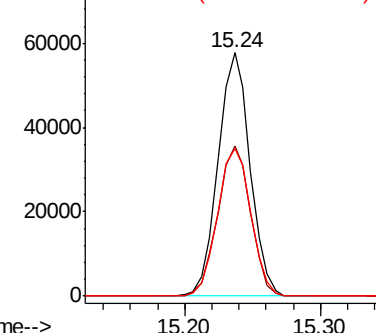


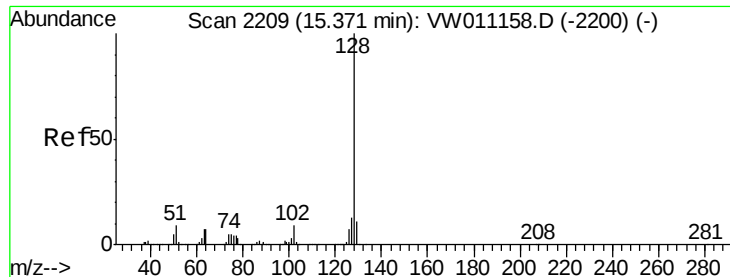
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

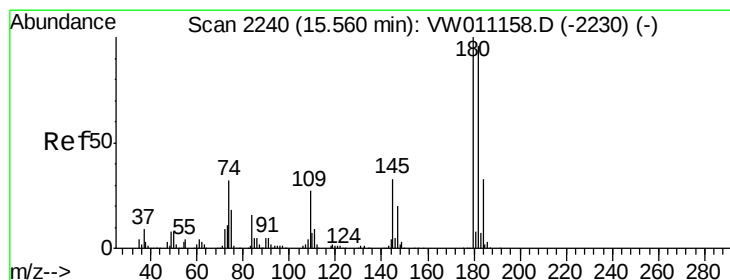
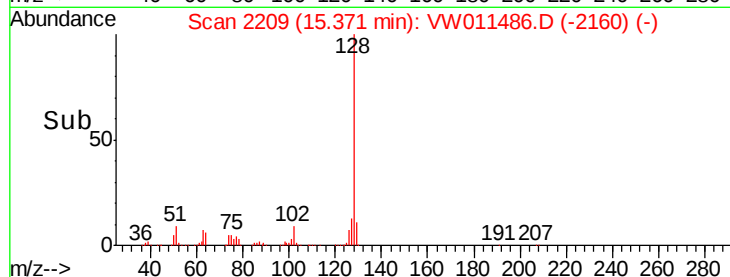
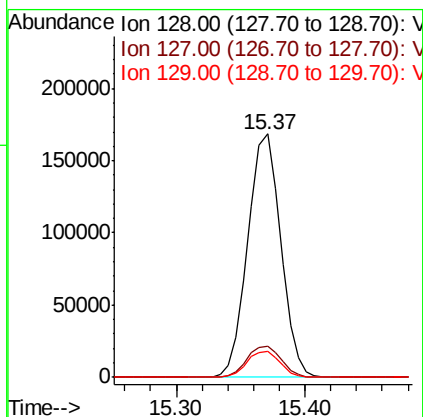
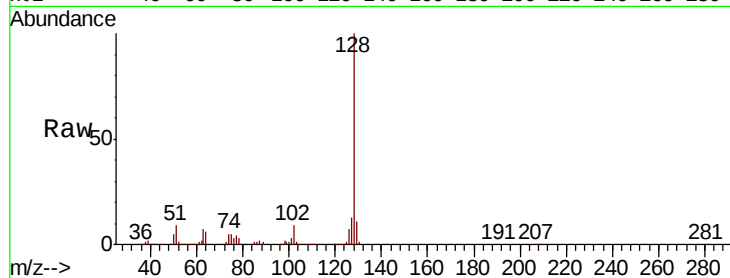




#95
Naphthalene
Concen: 49.481 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 298665
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.476 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011486.D
Acq: 24 Jul 2019 20:10

Tgt Ion:180 Resp: 137537
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 31.9 16.5 49.5

