

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011345.D
 Acq On : 18 Jul 2019 20:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 06:46:45 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	190312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131059	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	107664	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	86368	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
50) Toluene-d8	10.32	98	349549	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.62	95	125399	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	62498	44.033	ug/l	96
3) Chloromethane	2.21	50	85539	46.770	ug/l	100
4) Vinyl Chloride	2.35	62	104172	43.517	ug/l	95
5) Bromomethane	2.76	94	53665	44.614	ug/l	98
6) Chloroethane	2.92	64	58591	45.442	ug/l	98
7) Trichlorofluoromethane	3.24	101	34456	40.517	ug/l	95
8) Diethyl Ether	3.67	74	56027	47.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94797	46.539	ug/l	100
10) Methyl Iodide	4.26	142	132275	47.215	ug/l	99
11) Tert butyl alcohol	5.17	59	42228	238.513	ug/l	97
12) 1,1-Dichloroethene	4.04	96	99954	47.278	ug/l	94
13) Acrolein	3.89	56	26519	188.103	ug/l	100
14) Allyl chloride	4.66	41	185409	48.092	ug/l	98
15) Acrylonitrile	5.36	53	145658	243.064	ug/l	100
16) Acetone	4.12	43	145291	252.511	ug/l	98
17) Carbon Disulfide	4.38	76	287864	44.912	ug/l	100
18) Methyl Acetate	4.67	43	73336	44.669	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	153912	47.979	ug/l	99
20) Methylene Chloride	4.91	84	113892	50.176	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	105351	47.956	ug/l	97
22) Diisopropyl ether	6.31	45	410189	49.468	ug/l	98
23) Vinyl Acetate	6.25	43	1284813	250.369	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211858	48.655	ug/l	99
25) 2-Butanone	7.17	43	225760	249.955	ug/l	97
26) 2,2-Dichloropropane	7.16	77	97389	43.028	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	116832	49.301	ug/l	98
28) Bromochloromethane	7.51	49	88496	44.698	ug/l	99
29) Tetrahydrofuran	7.52	42	142679	240.915	ug/l	100
30) Chloroform	7.67	83	195024	48.363	ug/l	97
31) Cyclohexane	7.95	56	207917	44.884	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	143082	46.645	ug/l	99
36) 1,1-Dichloropropene	8.08	75	158210	47.274	ug/l	99
37) Ethyl Acetate	7.24	43	97544	48.511	ug/l	100
38) Carbon Tetrachloride	8.07	117	133970	47.222	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190771	47.031	ug/l	98
40) Benzene	8.32	78	449647	48.616	ug/l	99
41) Methacrylonitrile	7.48	41	61011	53.052	ug/l	90
42) 1,2-Dichloroethane	8.40	62	143305	47.764	ug/l	100
43) Isopropyl Acetate	8.42	43	182464	48.064	ug/l	99
44) Trichloroethene	9.09	130	106812	47.991	ug/l	97
45) 1,2-Dichloropropane	9.37	63	122716	48.997	ug/l	99
46) Dibromomethane	9.46	93	56600	48.108	ug/l	99
47) Bromodichloromethane	9.64	83	143799	47.769	ug/l	98
48) Methyl methacrylate	9.43	41	89277	48.882	ug/l	98
49) 1,4-Dioxane	9.45	88	18929	963.892	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	490514	247.350	ug/l	100
52) Toluene	10.38	92	273706	48.785	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	147706	46.096	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	176416	46.775	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80416	48.180	ug/l	96
56) Ethyl methacrylate	10.65	69	124734	49.086	ug/l	98
57) 1,3-Dichloropropane	10.93	76	151367	47.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	242196	205.588	ug/l	99
59) 2-Hexanone	10.97	43	339624	246.952	ug/l	100
60) Dibromochloromethane	11.13	129	87183	47.634	ug/l	99
61) 1,2-Dibromoethane	11.23	107	75075	47.486	ug/l	99
64) Tetrachloroethene	10.86	164	92200	49.306	ug/l	96
65) Chlorobenzene	11.66	112	269035	47.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	96619	48.705	ug/l	99
67) Ethyl Benzene	11.73	91	526144	48.782	ug/l	99
68) m/p-Xylenes	11.84	106	382246	97.943	ug/l	100
69) o-Xylene	12.16	106	176608	48.012	ug/l	98
70) Styrene	12.18	104	310881	48.971	ug/l	100
71) Bromoform	12.35	173	48989	46.446	ug/l #	99
73) Isopropylbenzene	12.46	105	492195	50.239	ug/l	100
74) N-amyl acetate	12.27	43	170470	49.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	98196	48.896	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	126854	83.757	ug/l #	100
77) Bromobenzene	12.75	156	109416	49.765	ug/l	98
78) n-propylbenzene	12.80	91	599728	49.693	ug/l	100
79) 2-Chlorotoluene	12.89	91	344829	49.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	414513	49.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28445	42.479	ug/l	95
82) 4-Chlorotoluene	12.99	91	351766	48.630	ug/l	99
83) tert-Butylbenzene	13.21	119	344867	49.682	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	415693	49.739	ug/l	99
85) sec-Butylbenzene	13.38	105	491335	49.054	ug/l	100
86) p-Isopropyltoluene	13.50	119	441830	49.181	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	207501	49.052	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	204841	48.088	ug/l	99
89) n-Butylbenzene	13.82	91	433635	48.386	ug/l	99
90) Hexachloroethane	14.10	117	77994	47.510	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	187340	48.816	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16838	47.268	ug/l	97

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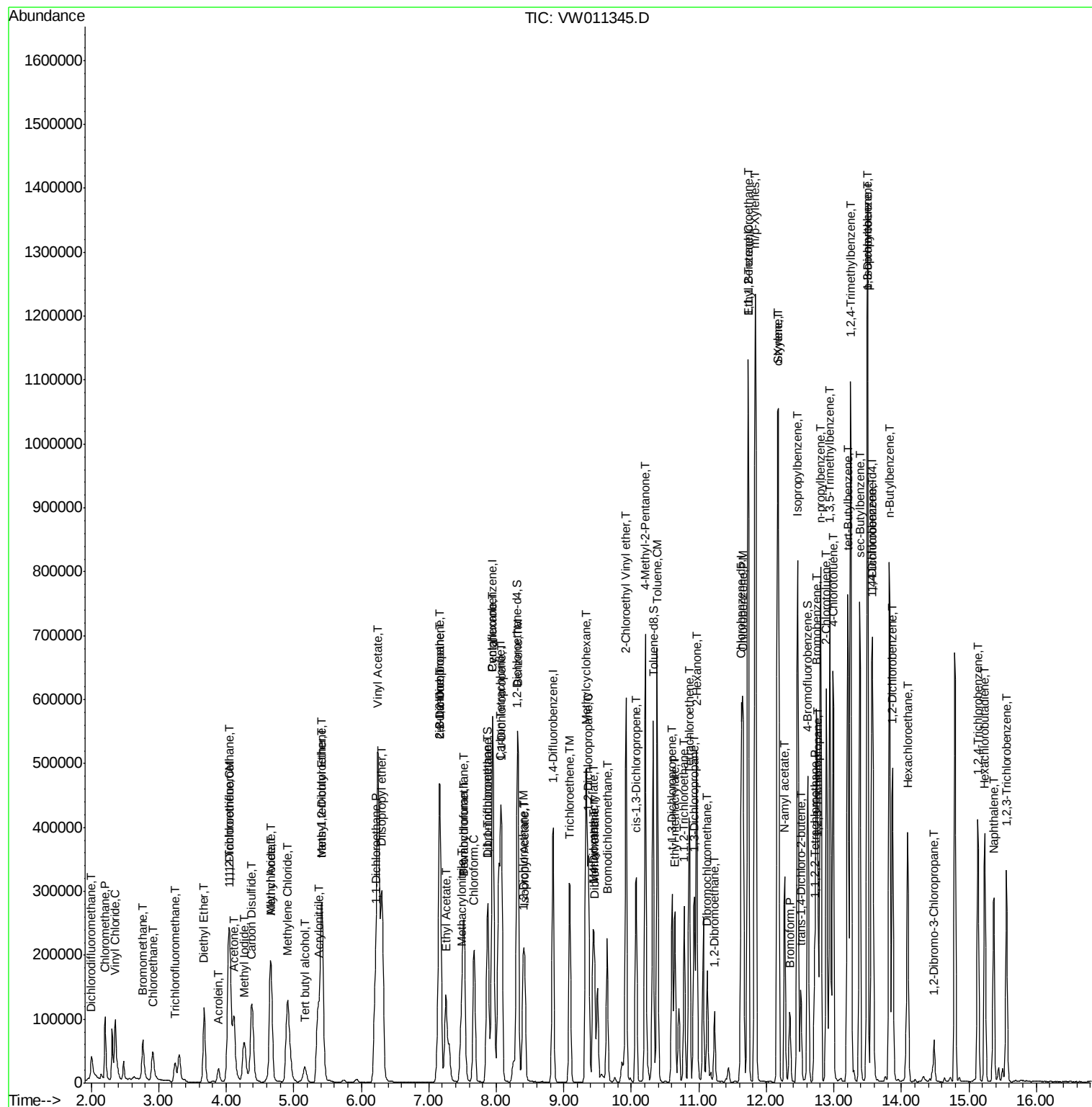
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	124794	47.211	ug/l	97
94) Hexachlorobutadiene	15.24	225	74701	46.031	ug/l	99
95) Naphthalene	15.37	128	242116	47.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	108153	46.361	ug/l	99

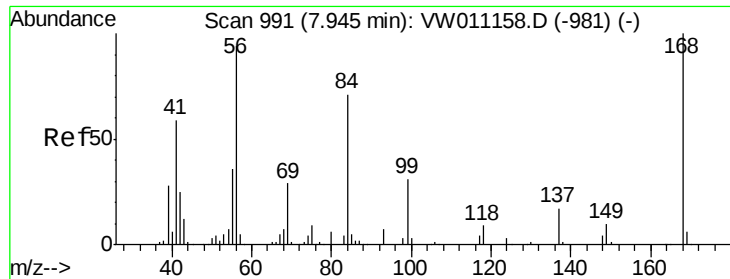
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011345.D

Acq: 18 Jul 2019 20:14

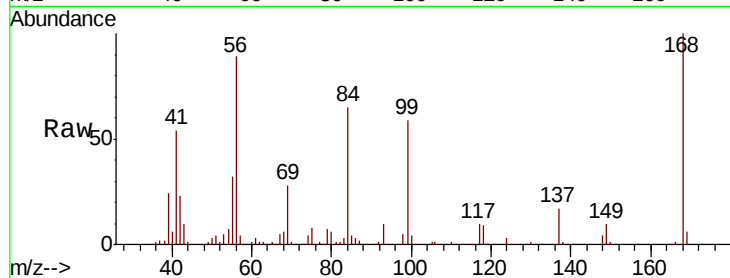
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 190312

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

80000

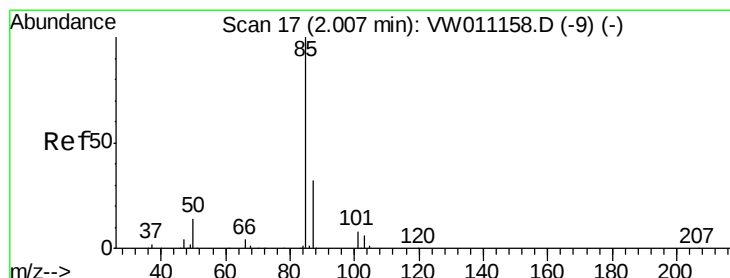
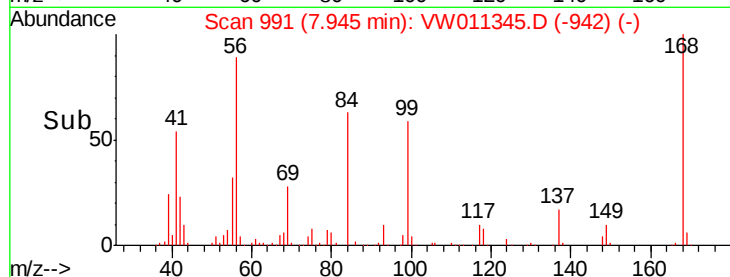
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 44.033 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011345.D

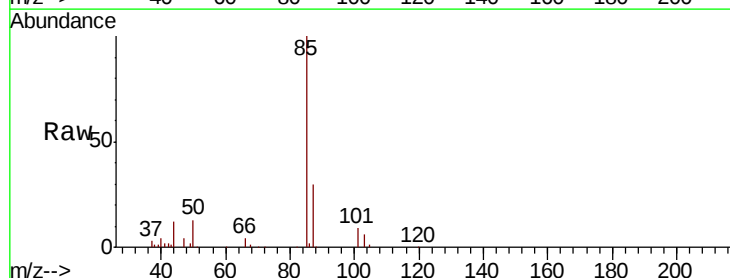
Acq: 18 Jul 2019 20:14

Tgt Ion: 85 Resp: 62498

Ion Ratio Lower Upper

85 100

87 29.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

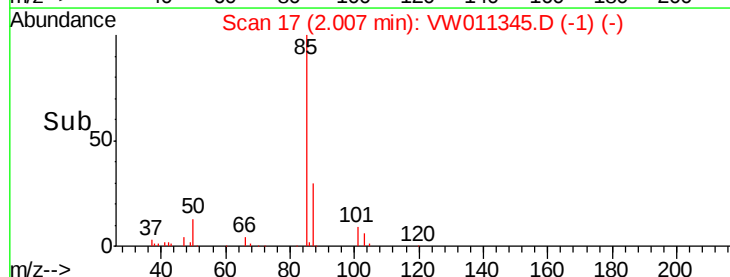
15000

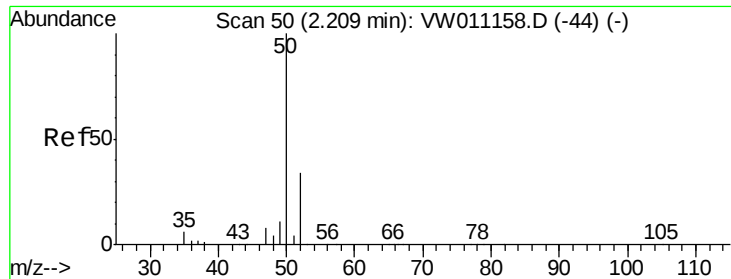
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 46.770 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

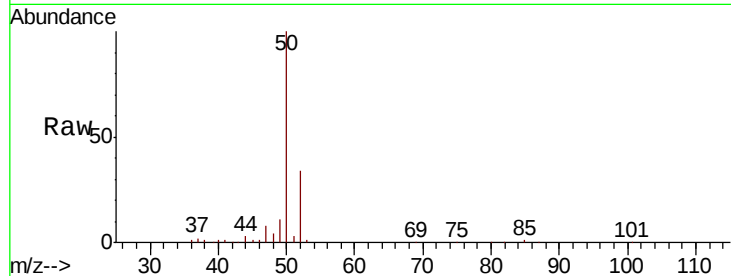
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 85539

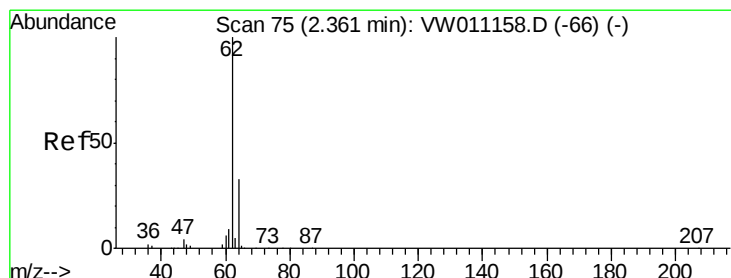
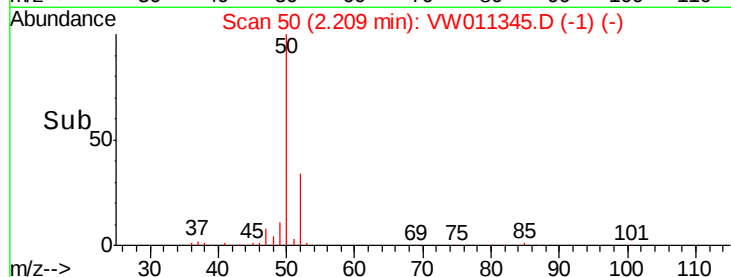
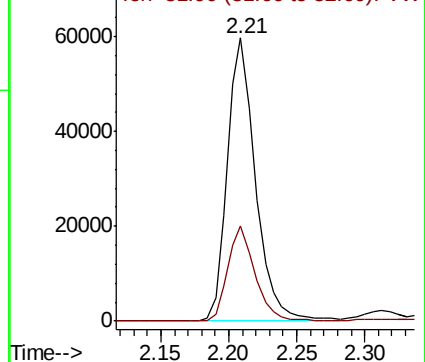
Ion Ratio Lower Upper

50 100

52 33.6 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: 43.517 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011345.D

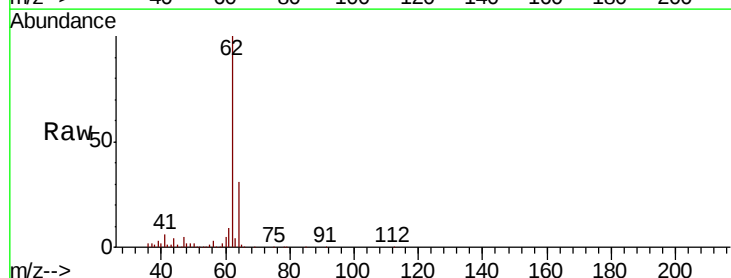
Acq: 18 Jul 2019 20:14

Tgt Ion: 62 Resp: 104172

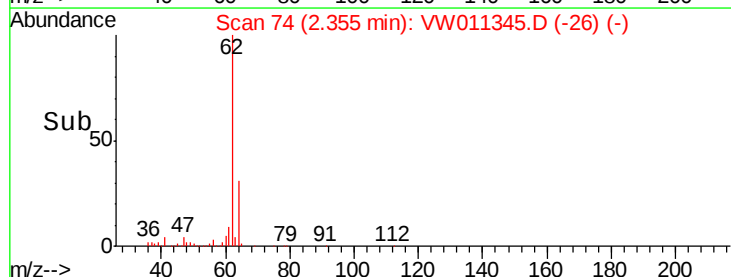
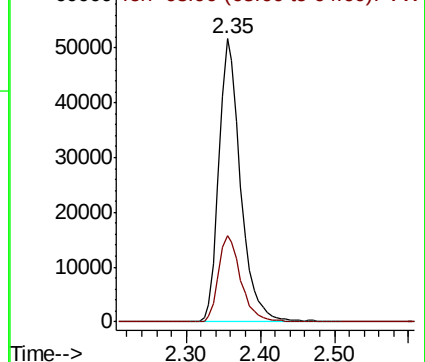
Ion Ratio Lower Upper

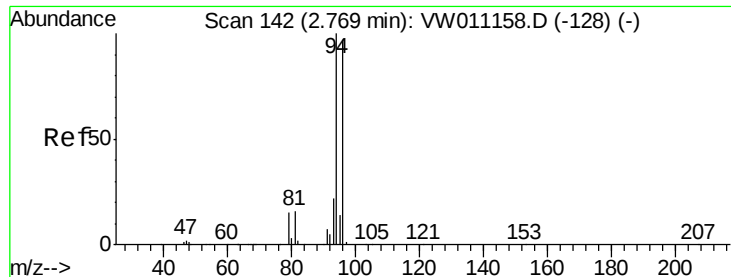
62 100

64 30.7 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: 44.614 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

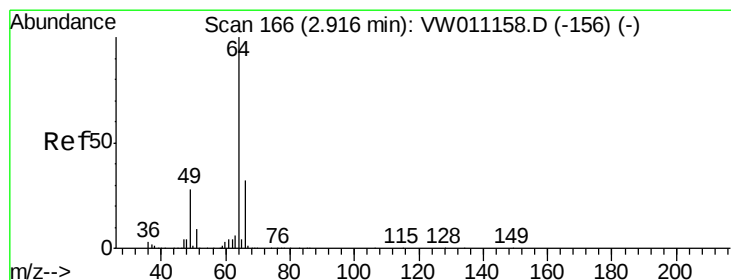
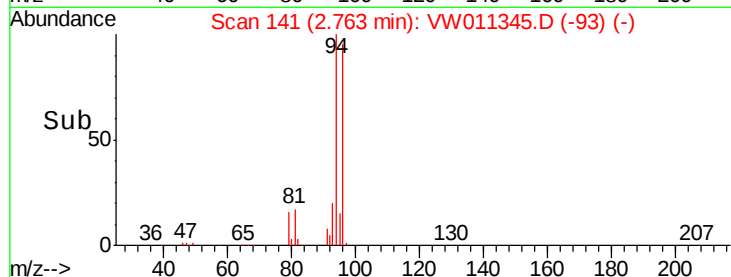
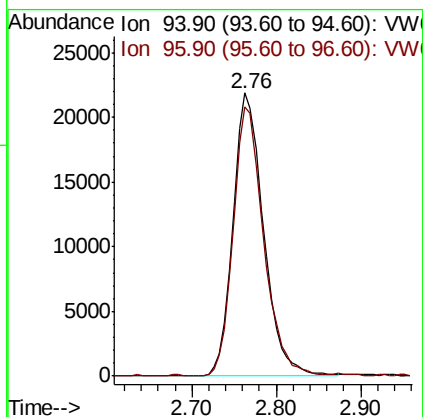
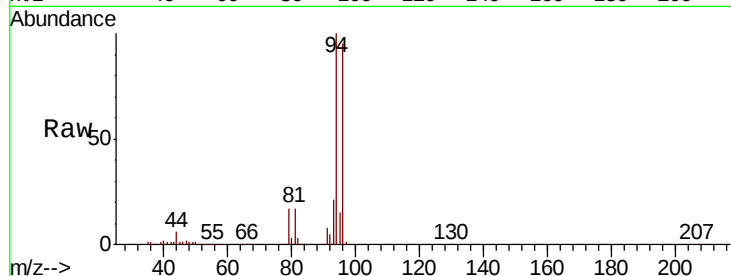
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 53665

Ion Ratio Lower Upper

94 100

96 95.1 77.4 116.0



#6

Chloroethane

Concen: 45.442 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011345.D

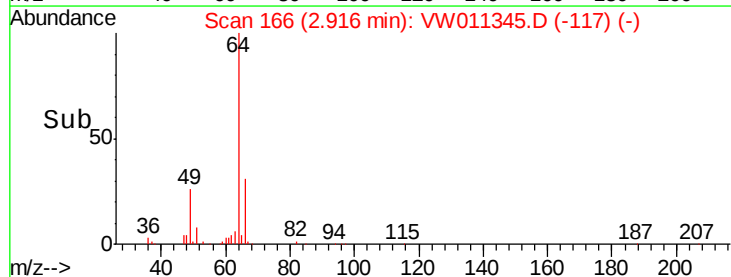
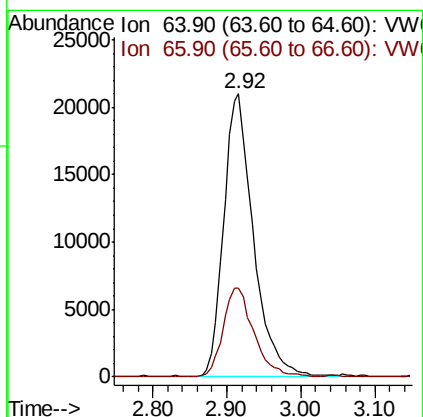
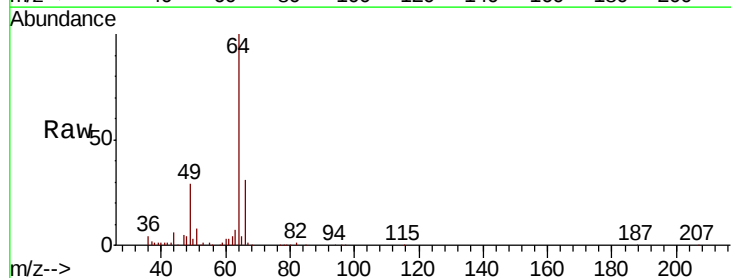
Acq: 18 Jul 2019 20:14

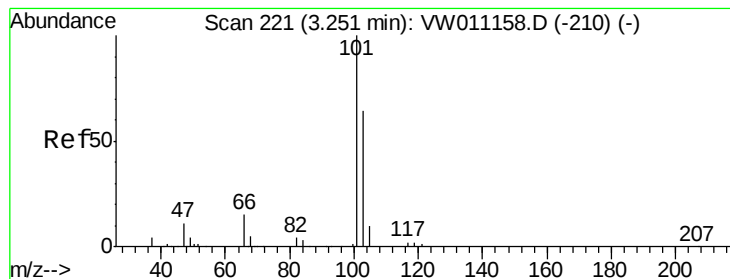
Tgt Ion: 64 Resp: 58591

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8



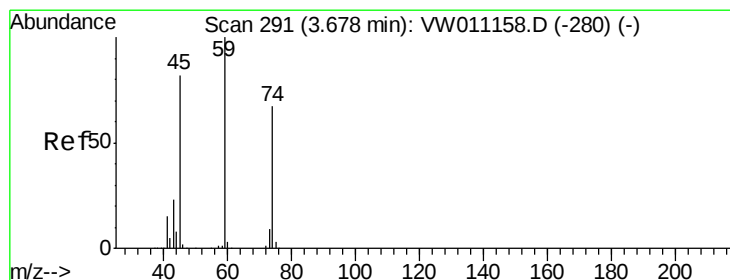
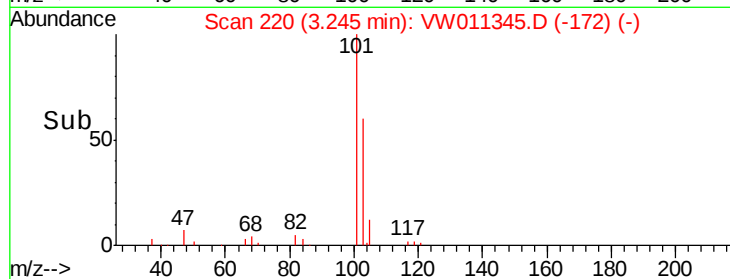
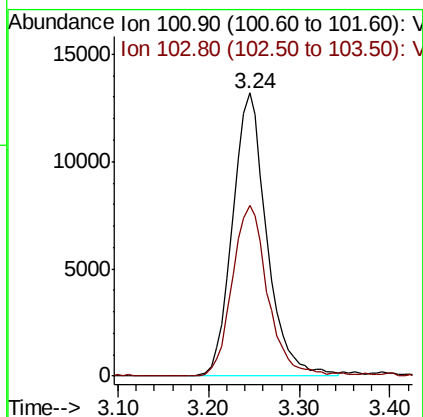
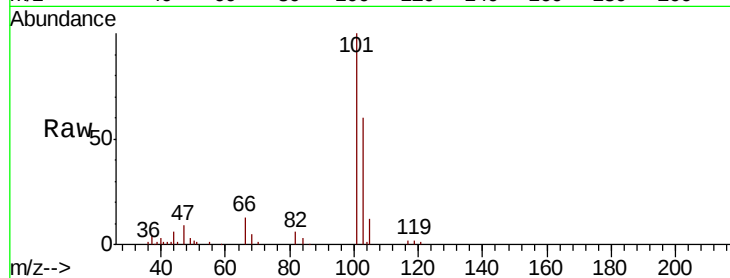


#7

Trichlorofluoromethane
 Concen: 40.517 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Instrument :
 MSVOA_W
 ClientSampled :

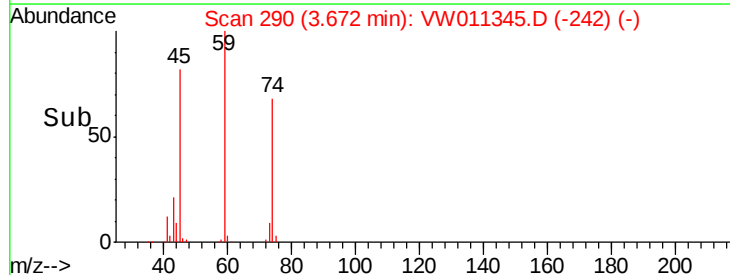
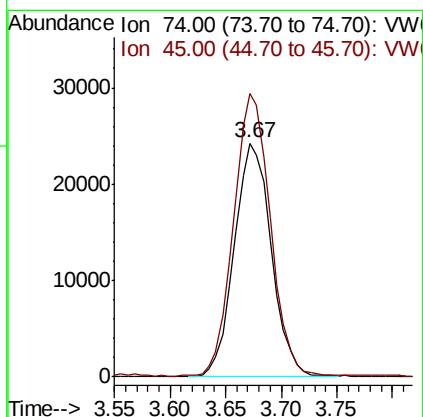
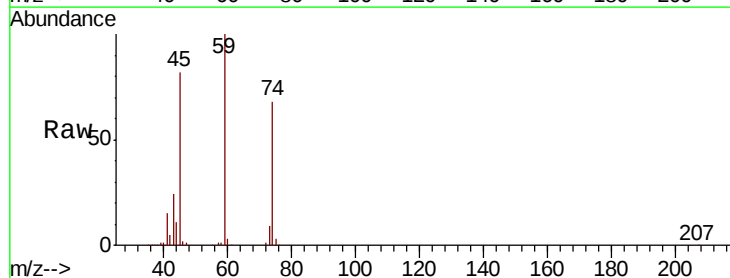
Tot Ion:101 Resp: 34456
 Ion Ratio Lower Upper
 101 100
 103 60.3 51.3 76.9

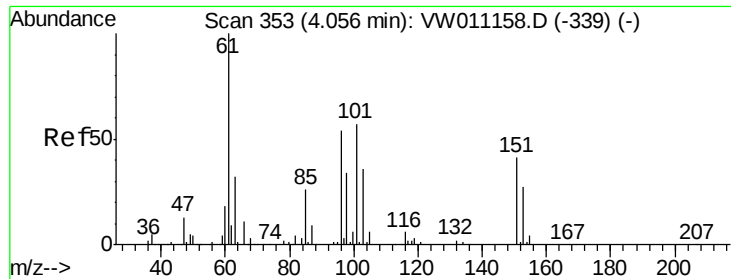


#8

Diethyl Ether
 Concen: 47.616 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 74 Resp: 56027
 Ion Ratio Lower Upper
 74 100
 45 120.1 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.539 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

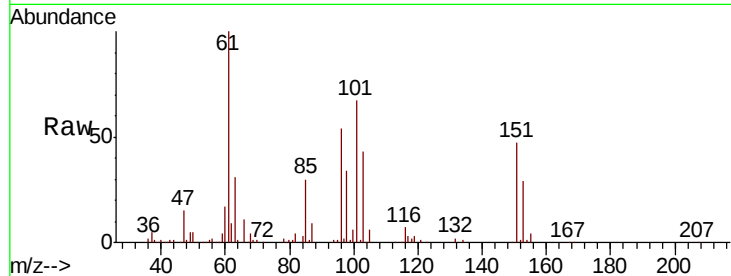
Tot Ion:101 Resp: 94797

Ion Ratio Lower Upper

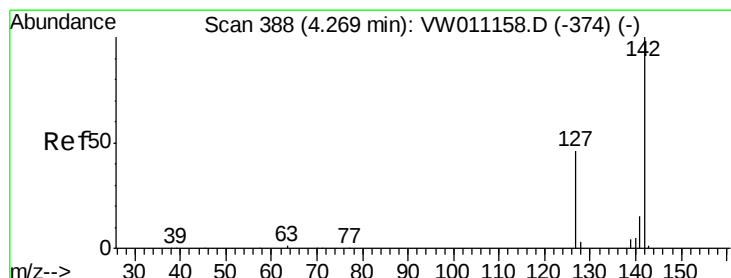
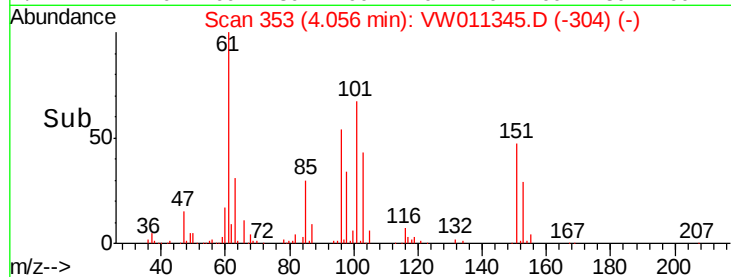
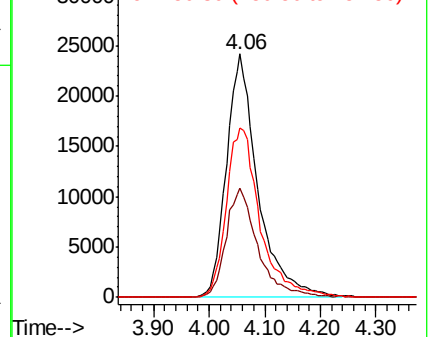
101 100

85 45.4 36.5 54.7

151 74.3 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: 47.215 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

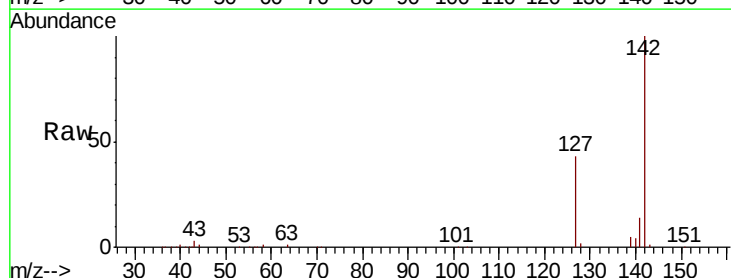
Tgt Ion:142 Resp: 132275

Ion Ratio Lower Upper

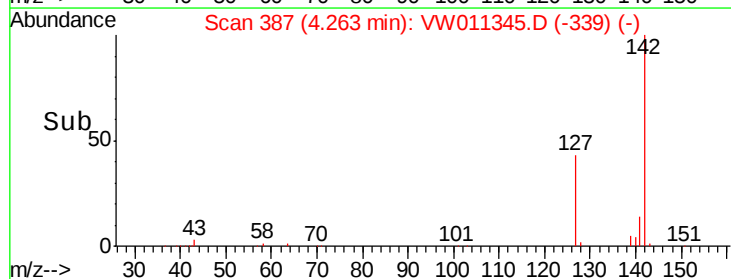
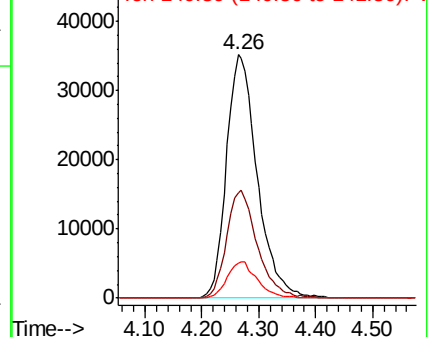
142 100

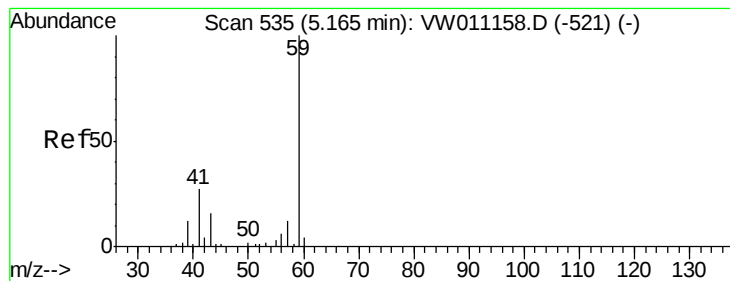
127 44.3 35.7 53.5

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



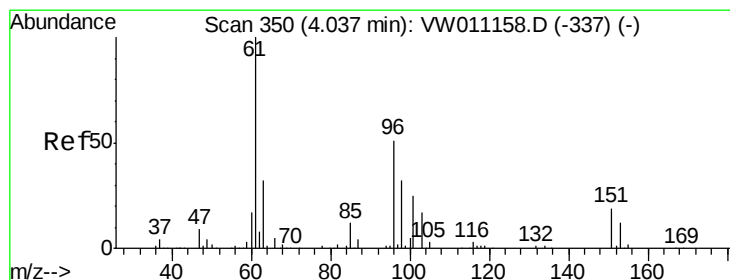
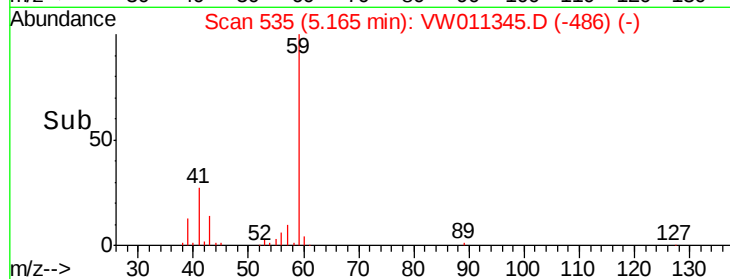
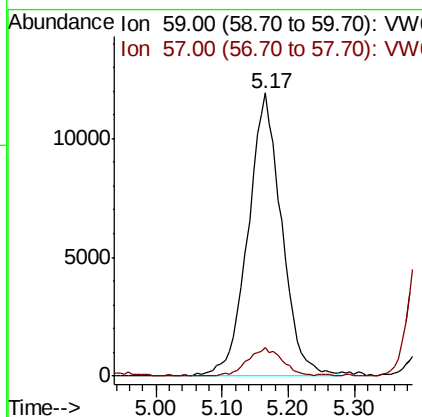
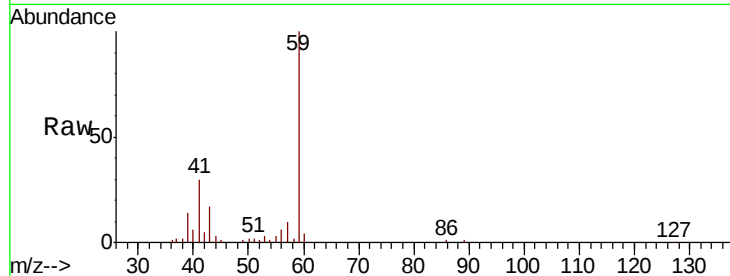


#11

Tert butyl alcohol
 Concen: 238.513 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Instrument :
 MSVOA_W
 ClientSampled :

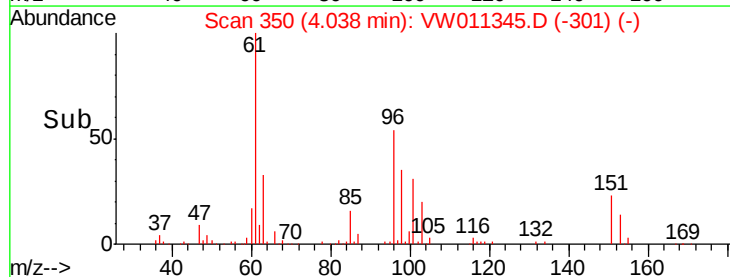
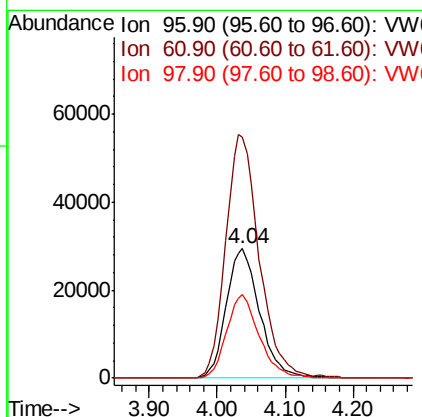
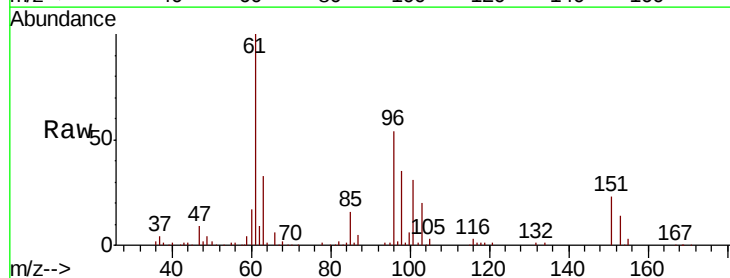
Tot Ion: 59 Resp: 42228
 Ion Ratio Lower Upper
 59 100
 57 10.3 9.0 13.6

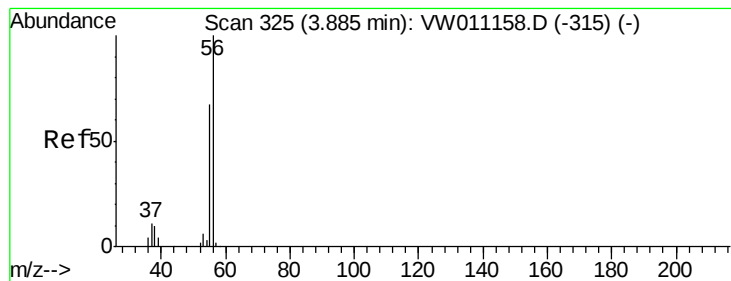


#12

1,1-Dichloroethene
 Concen: 47.278 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 96 Resp: 99954
 Ion Ratio Lower Upper
 96 100
 61 186.3 157.7 236.5
 98 64.6 50.9 76.3





#13

Acrolein

Concen: 188.103 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

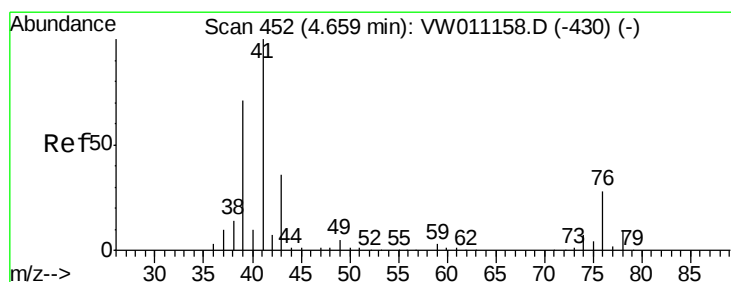
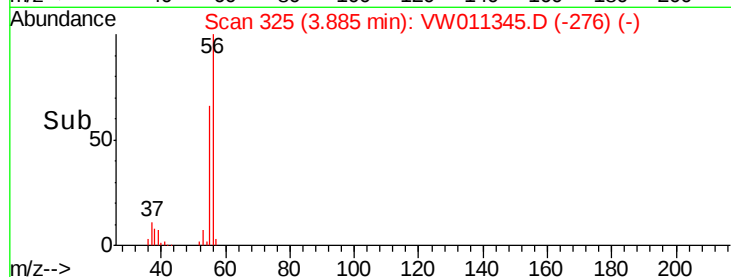
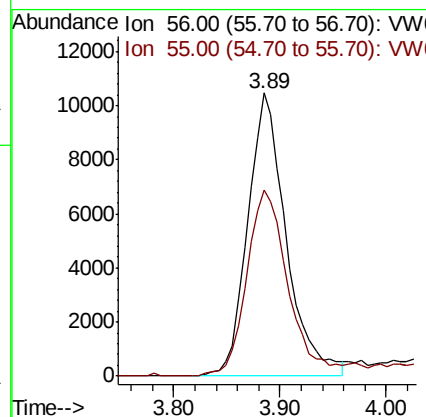
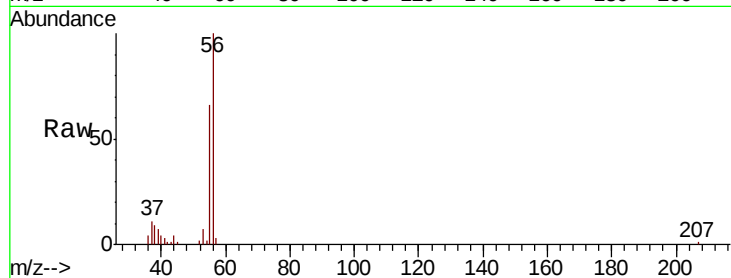
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 26519

Ion Ratio Lower Upper

56 100

55 70.7 56.4 84.6



#14

Allyl chloride

Concen: 48.092 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

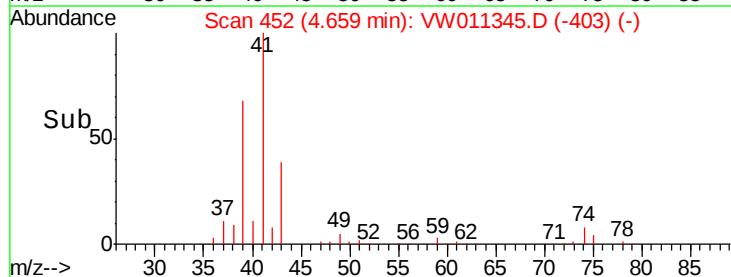
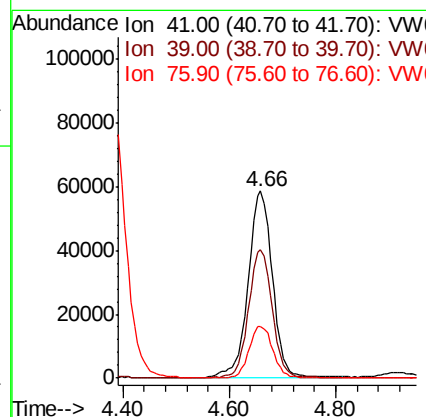
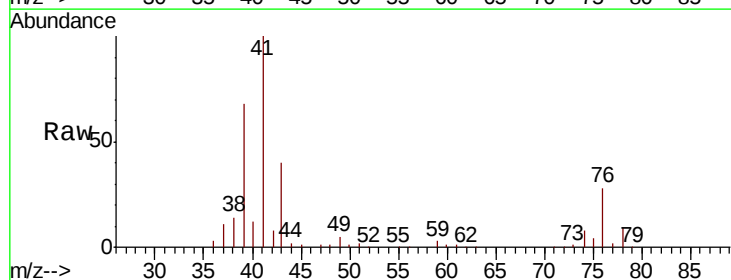
Tgt Ion: 41 Resp: 185409

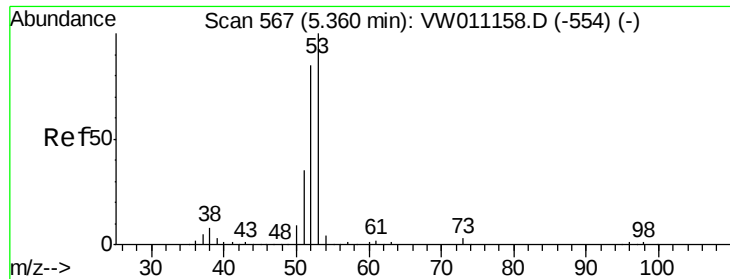
Ion Ratio Lower Upper

41 100

39 67.2 55.1 82.7

76 26.6 22.5 33.7





#15

Acrylonitrile

Concen: 243.064 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampleId :

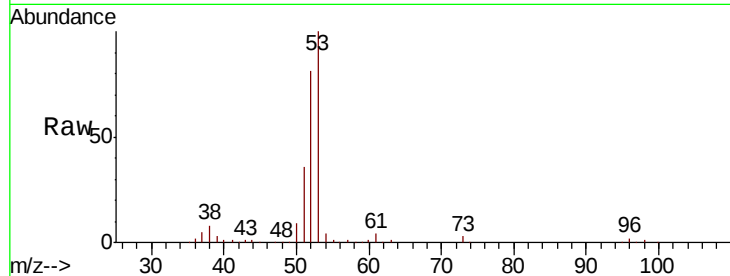
Tot Ion: 53 Resp: 145658

Ion Ratio Lower Upper

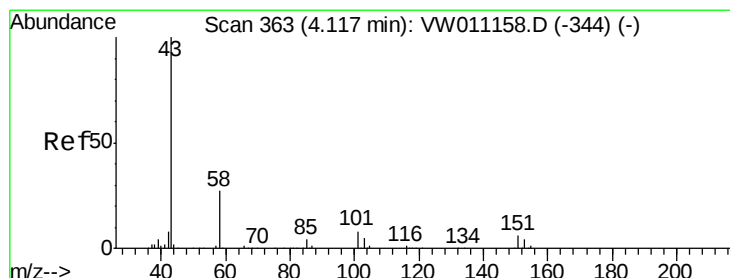
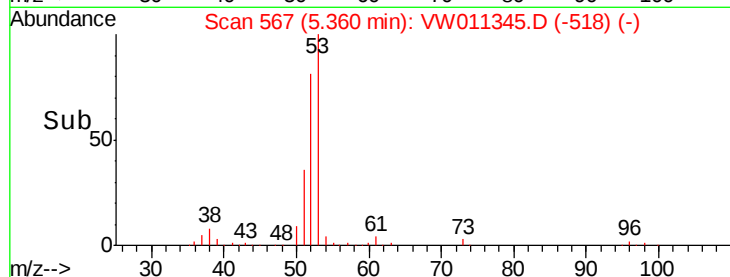
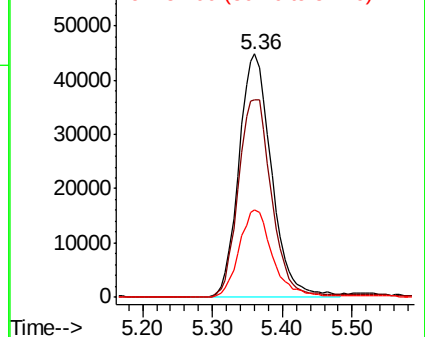
53 100

52 82.8 66.2 99.4

51 36.6 29.1 43.7



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



#16

Acetone

Concen: 252.511 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011345.D

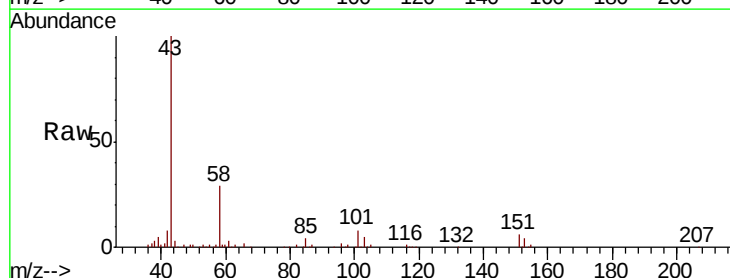
Acq: 18 Jul 2019 20:14

Tgt Ion: 43 Resp: 145291

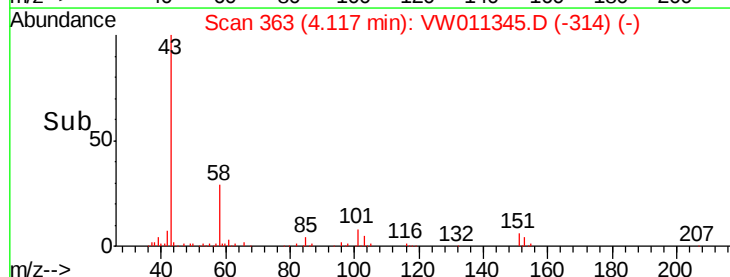
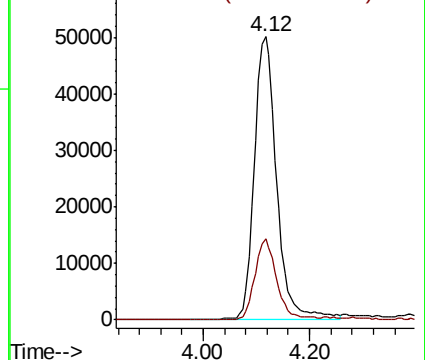
Ion Ratio Lower Upper

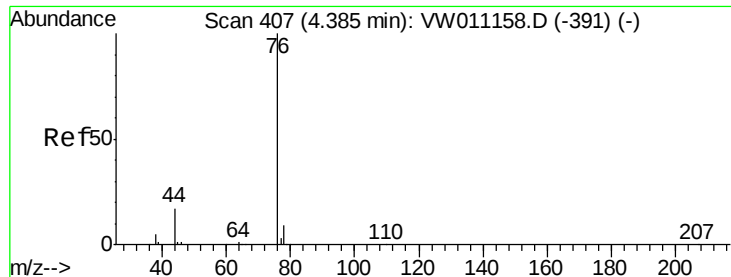
43 100

58 28.3 21.8 32.6



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

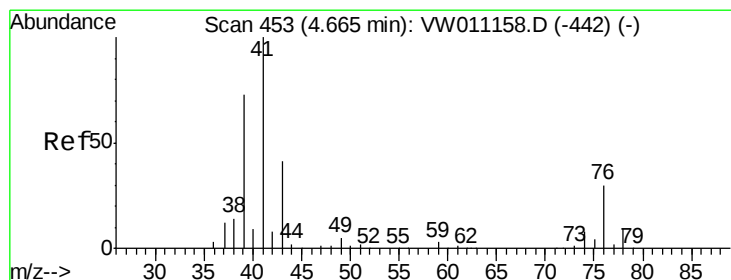
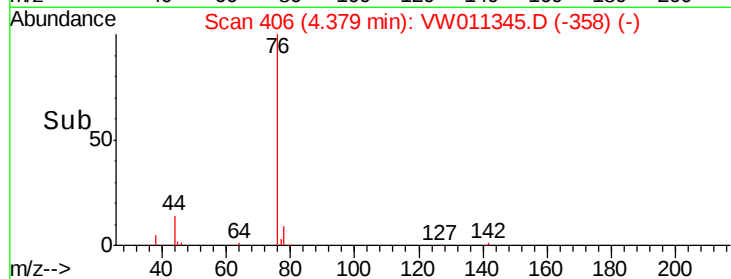
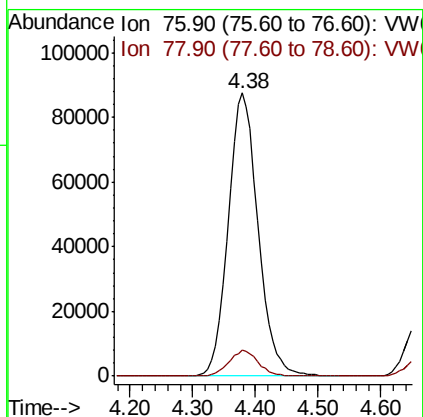
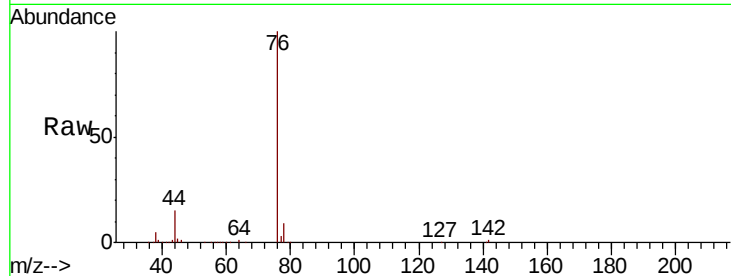




#17
Carbon Disulfide
Concen: 44.912 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

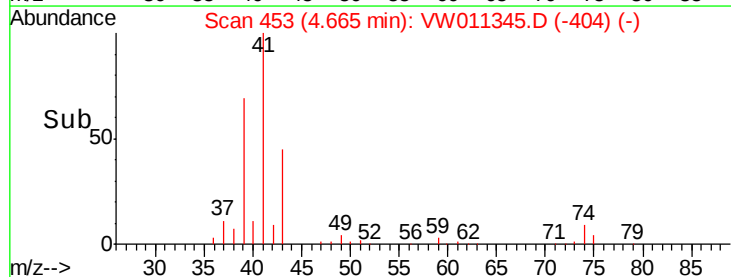
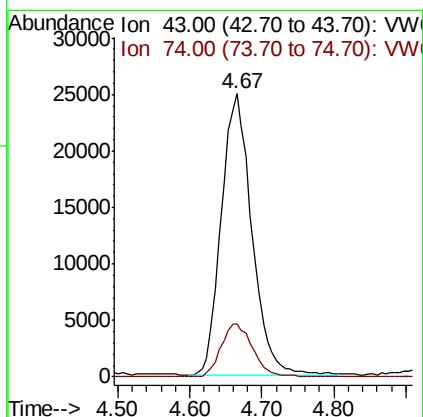
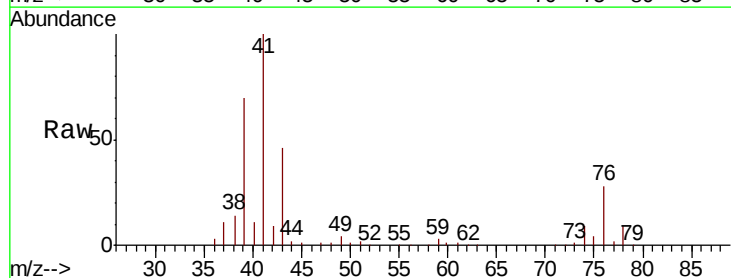
Instrument :
MSVOA_W
ClientSampleId :

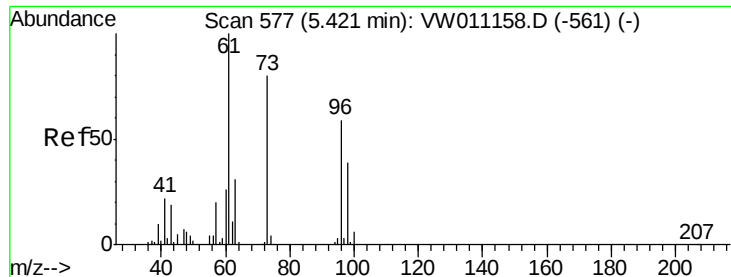
Tot Ion: 76 Resp: 287864
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 44.669 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 43 Resp: 73336
Ion Ratio Lower Upper
43 100
74 19.5 15.7 23.5

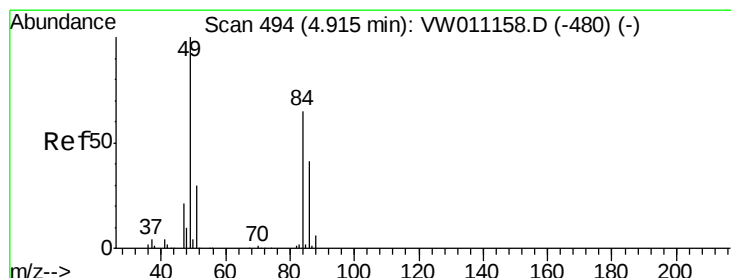
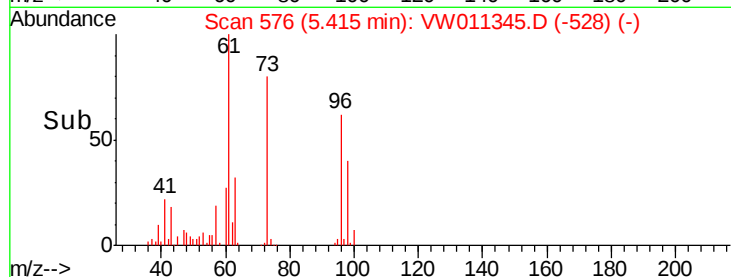
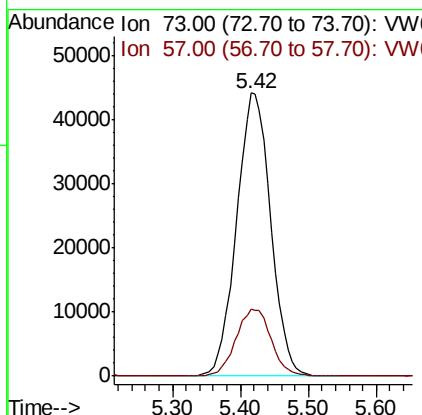
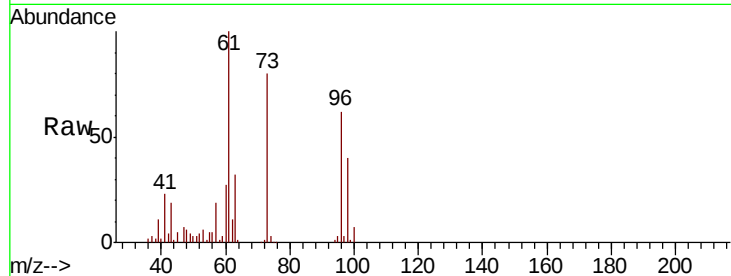




#19
Methvl tert-butvl Ether
Concen: 47.979 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

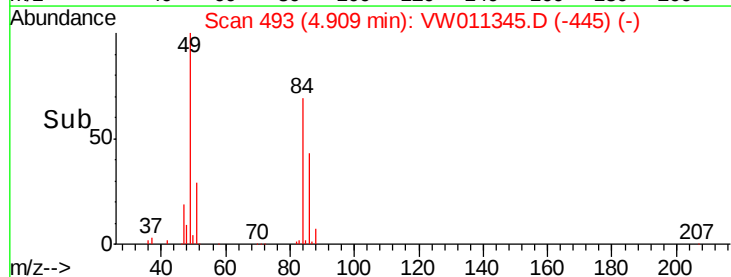
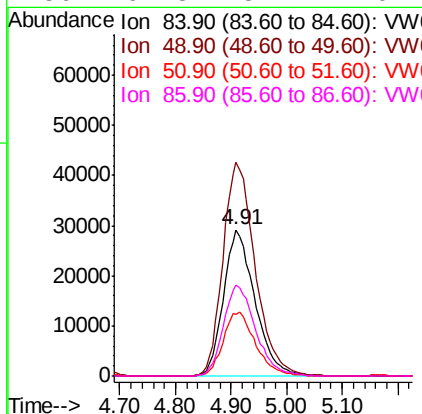
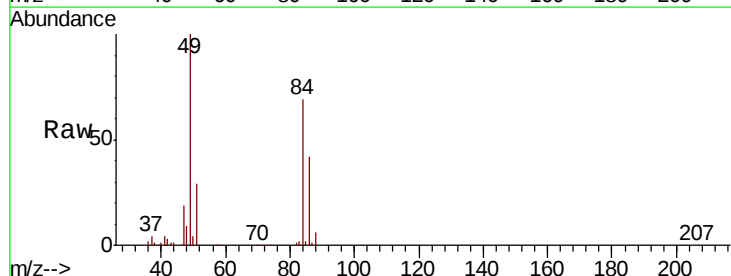
Instrument :
MSVOA_W
ClientSampled :

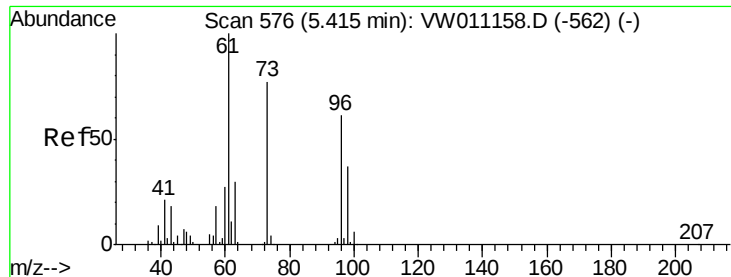
Tot Ion: 73 Resp: 153912
Ion Ratio Lower Upper
73 100
57 23.9 19.7 29.5



#20
Methylene Chloride
Concen: 50.176 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 84 Resp: 113892
Ion Ratio Lower Upper
84 100
49 145.8 123.8 185.6
51 41.9 37.4 56.2
86 61.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.956 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampled :

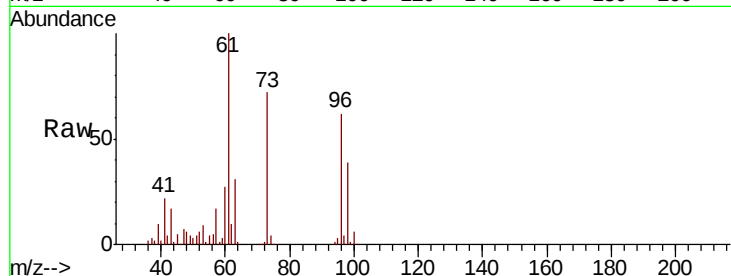
Tot Ion: 96 Resp: 105351

Ion Ratio Lower Upper

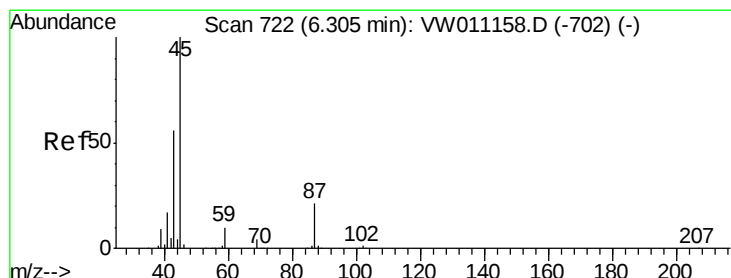
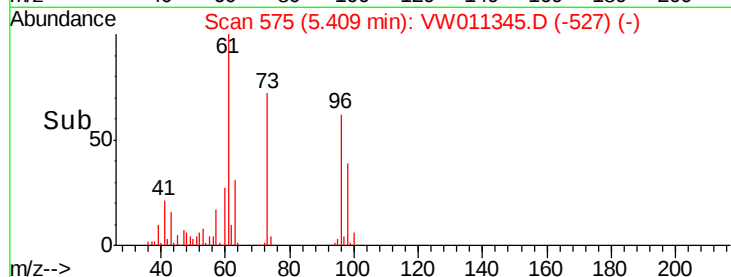
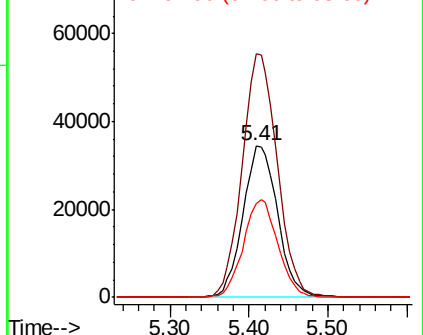
96 100

61 160.4 132.2 198.2

98 62.0 49.4 74.0



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



#22

Diisopropyl ether

Concen: 49.468 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Tgt Ion: 45 Resp: 410189

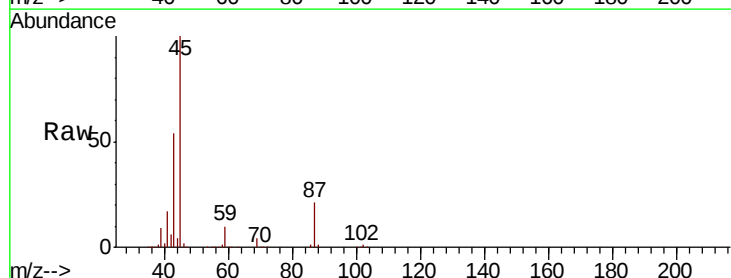
Ion Ratio Lower Upper

45 100

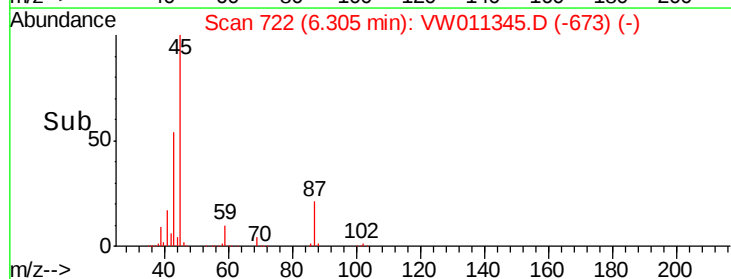
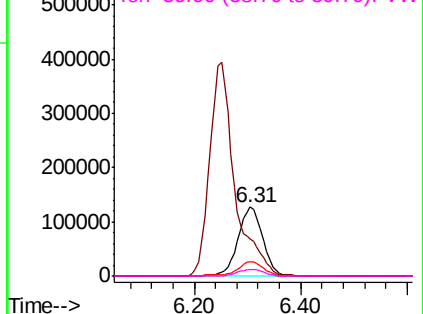
43 53.6 44.6 66.8

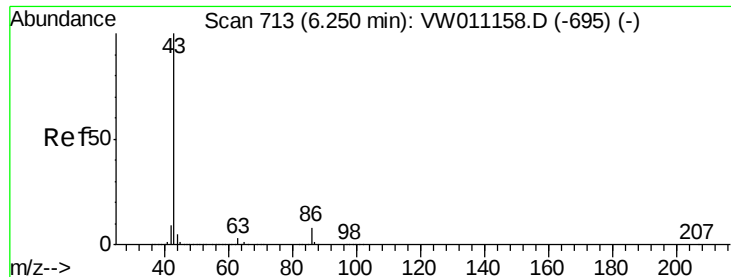
87 20.7 17.3 25.9

59 10.0 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 250.369 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

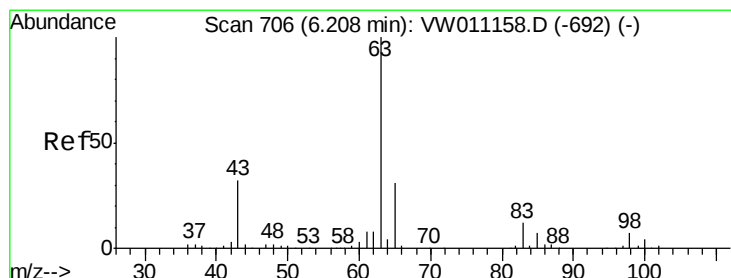
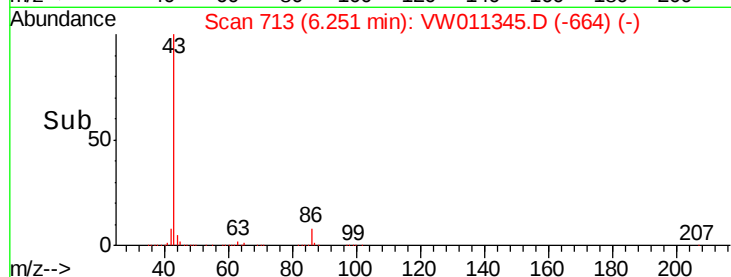
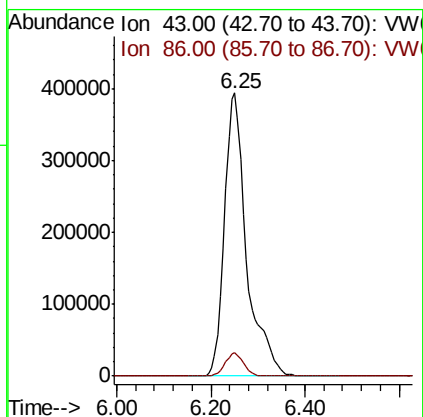
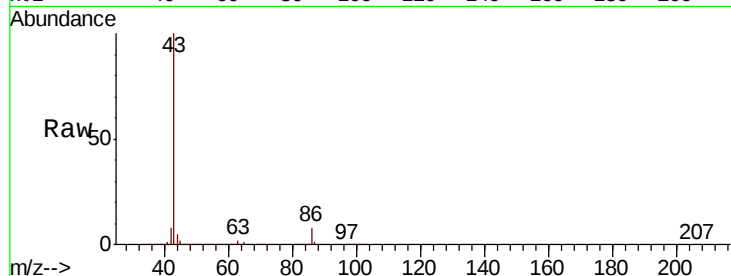
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1284813

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 48.655 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

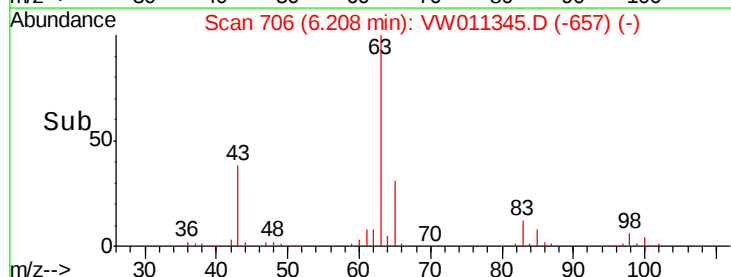
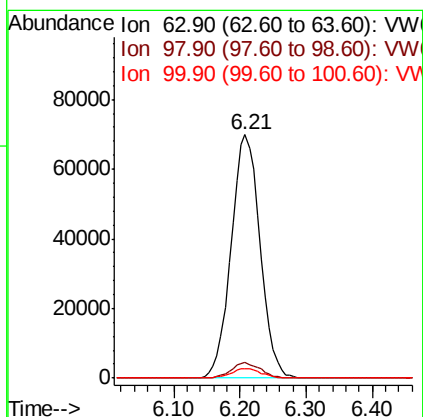
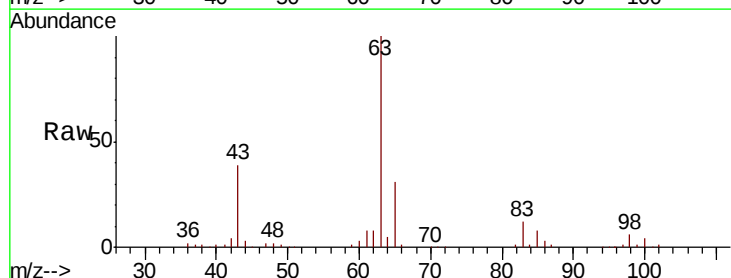
Tgt Ion: 63 Resp: 211858

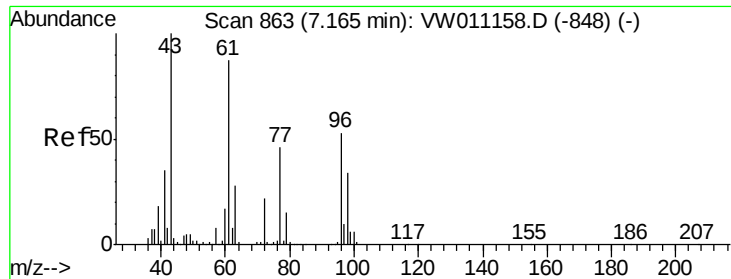
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 249.955 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

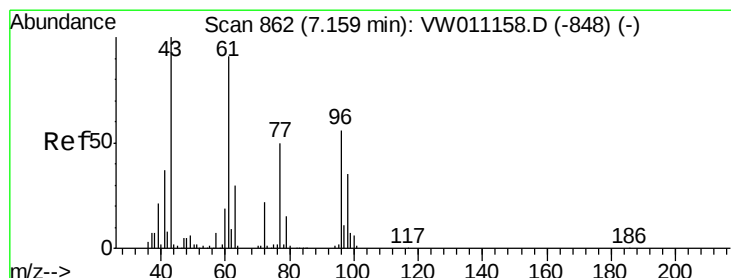
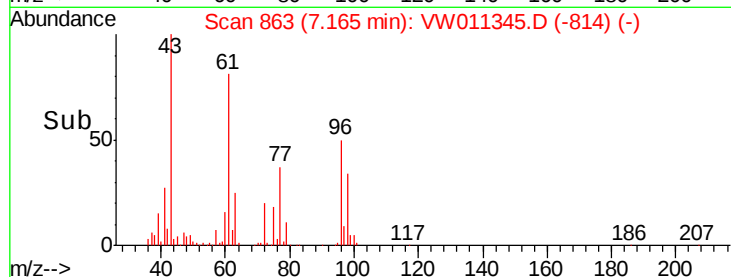
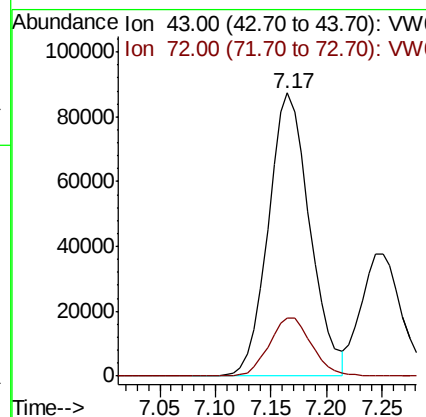
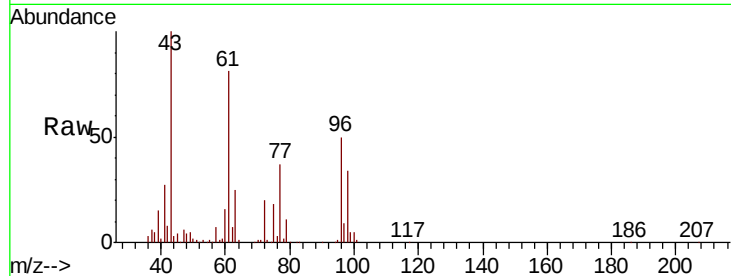
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 225760

Ion Ratio Lower Upper

43 100

72 20.3 17.6 26.4



#26

2,2-Dichloropropane

Concen: 43.028 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011345.D

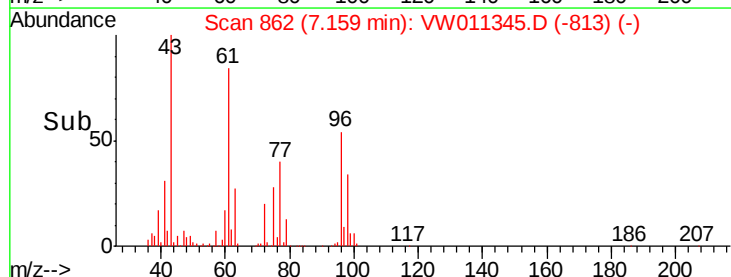
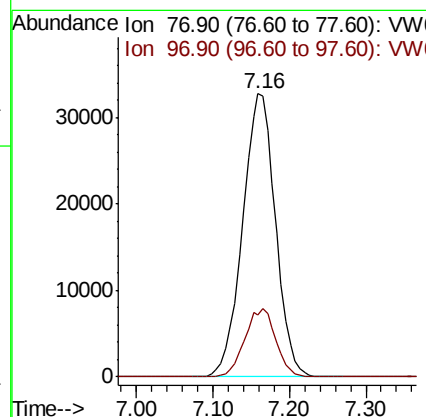
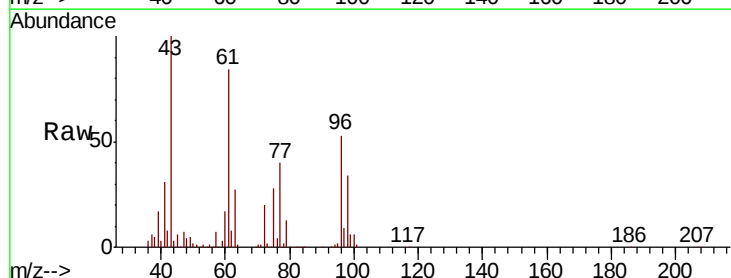
Acq: 18 Jul 2019 20:14

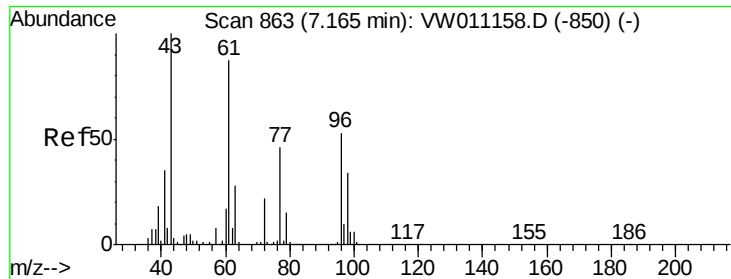
Tgt Ion: 77 Resp: 97389

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



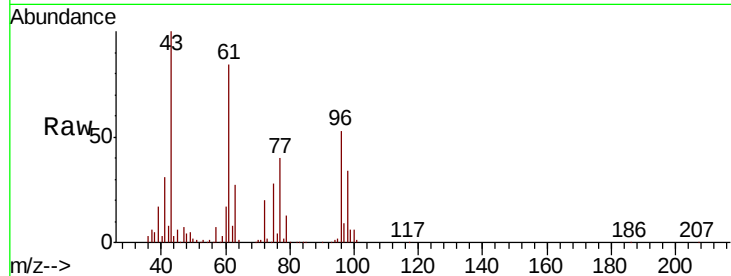


#27

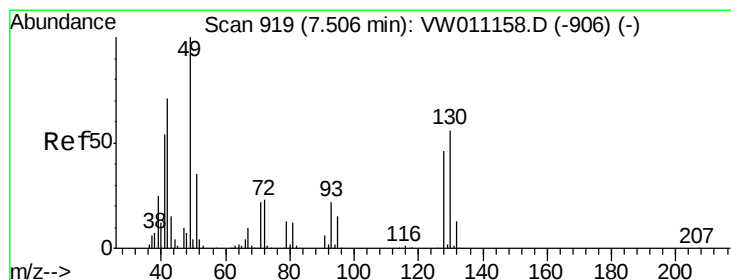
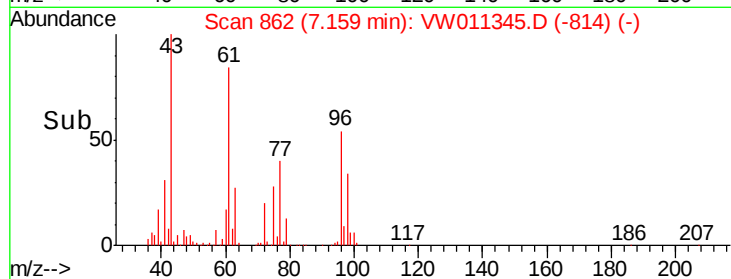
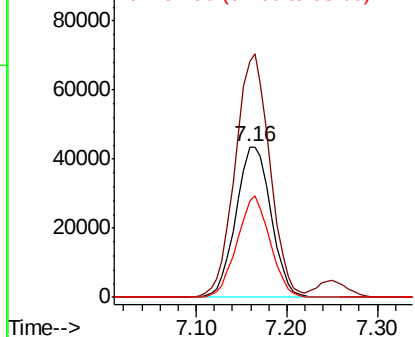
cis-1,2-Dichloroethene
 Concen: 49.301 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 116832
 Ion Ratio Lower Upper
 96 100
 61 160.1 0.0 325.6
 98 63.5 0.0 128.2



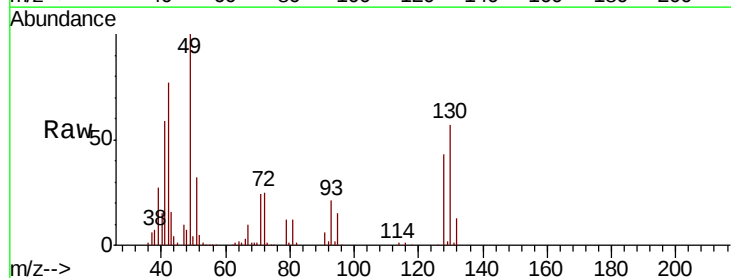
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



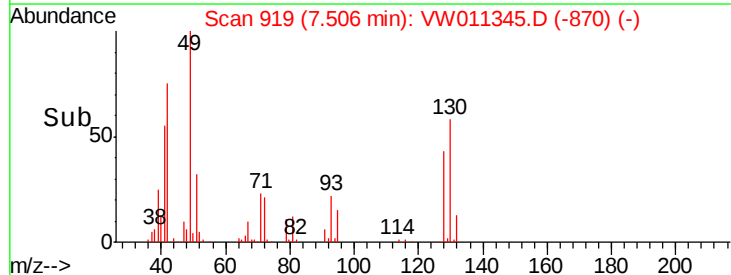
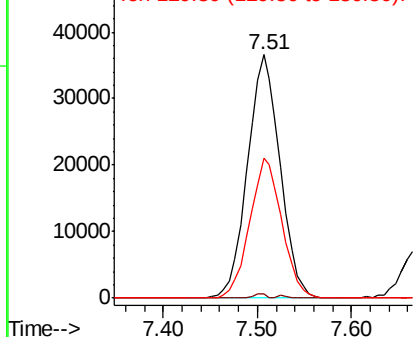
#28

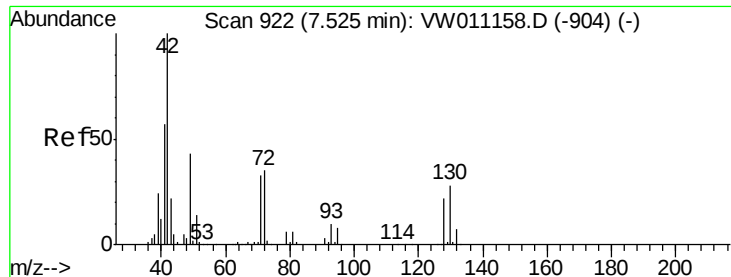
Bromochloromethane
 Concen: 44.698 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 49 Resp: 88496
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 1.4
 130 56.7 45.8 68.8



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

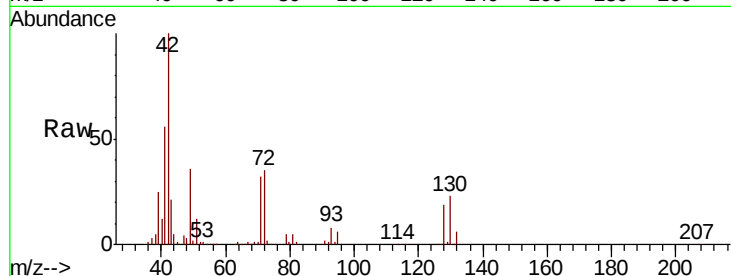




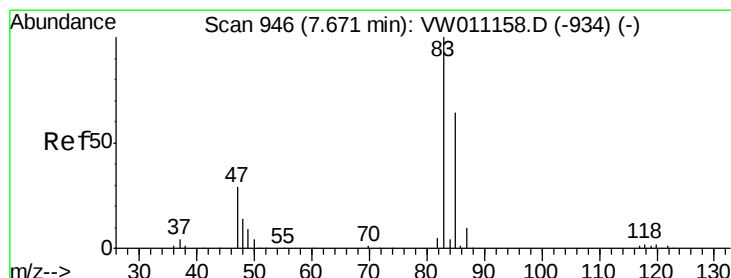
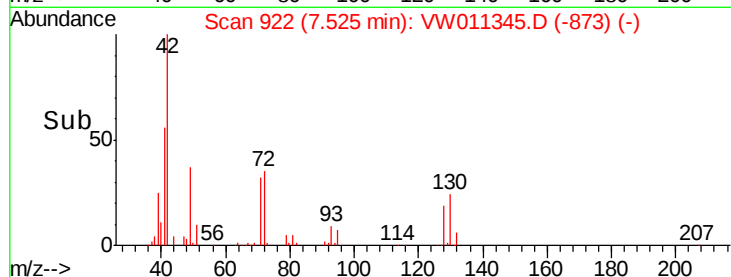
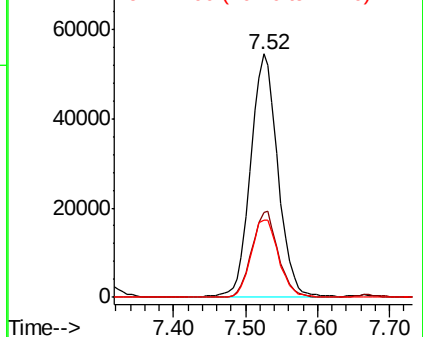
#29
Tetrahydrofuran
Concen: 240.915 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 42 Resp: 142679
Ion Ratio Lower Upper
42 100
72 34.4 27.4 41.2
71 32.4 25.9 38.9

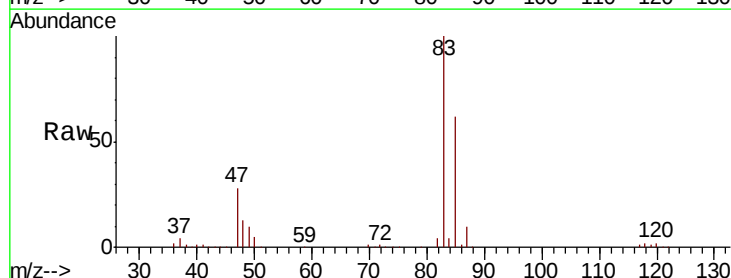


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

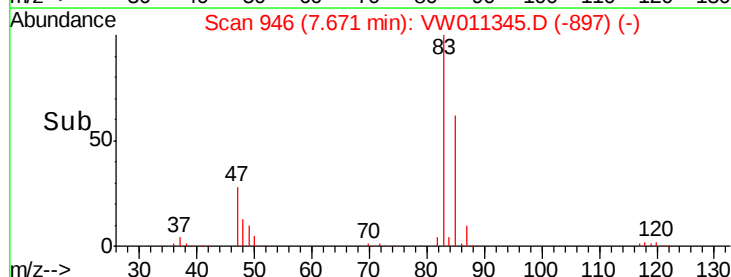
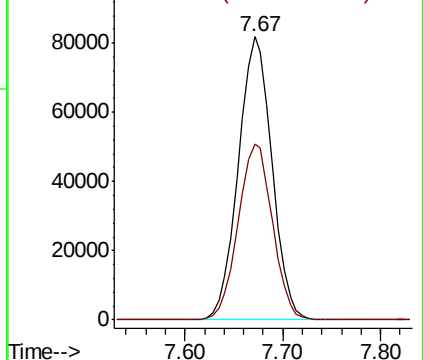


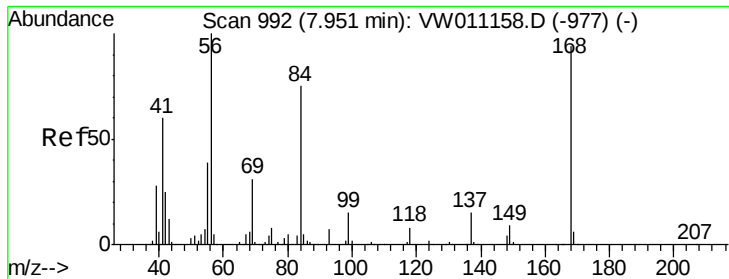
#30
Chloroform
Concen: 48.363 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 83 Resp: 195024
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.2



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

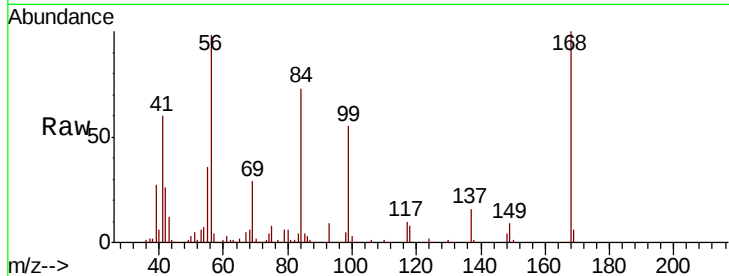




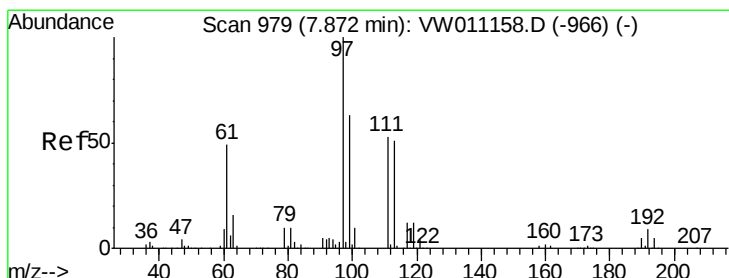
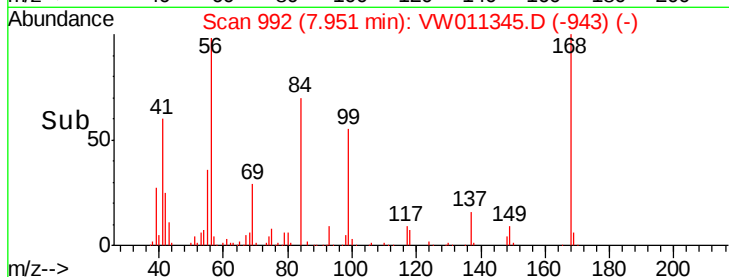
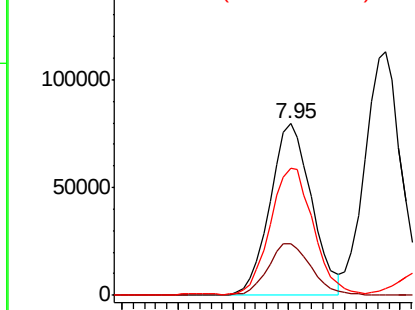
#31
Cyclohexane
Concen: 44.884 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 207917
Ion Ratio Lower Upper
56 100
69 29.8 24.6 36.8
84 72.6 60.1 90.1

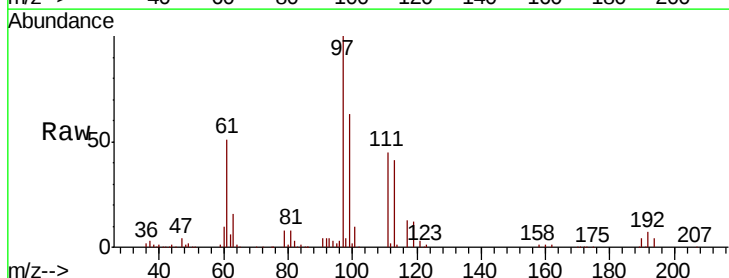


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

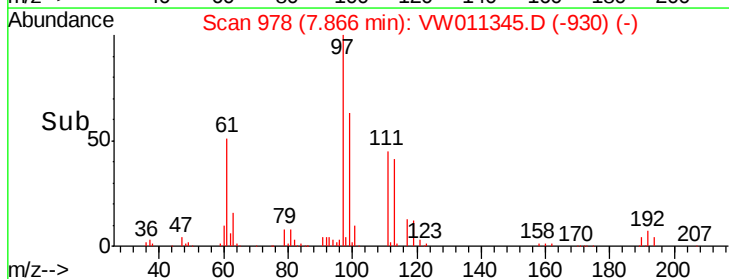
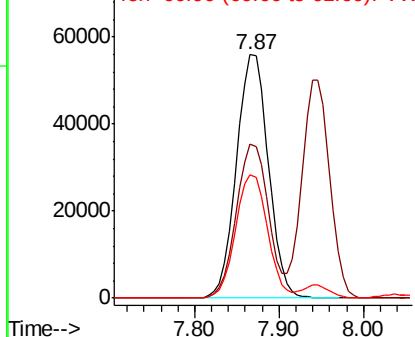


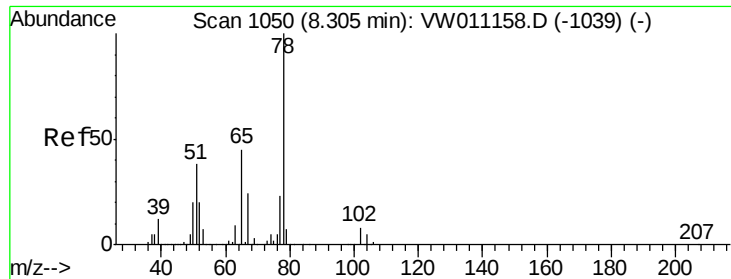
#32
1,1,1-Trichloroethane
Concen: 46.645 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 97 Resp: 143082
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 50.8 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

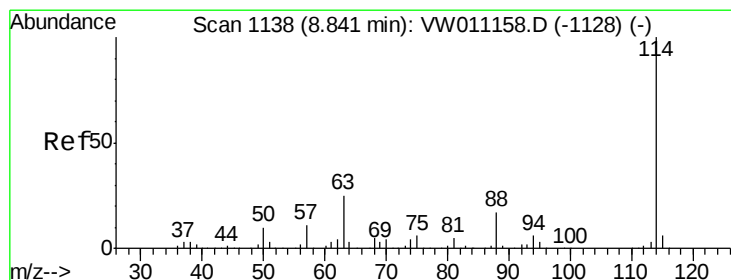
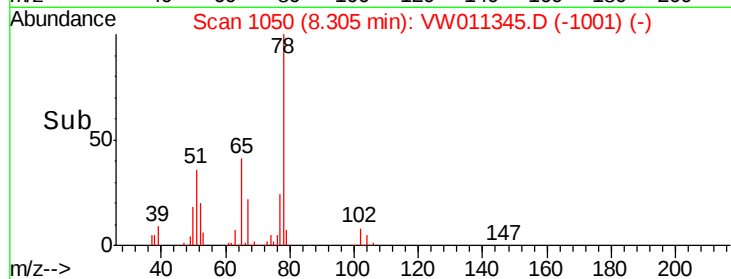
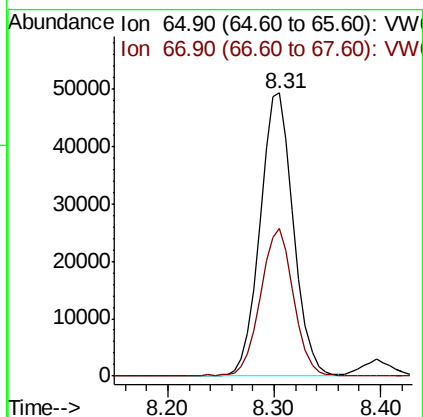
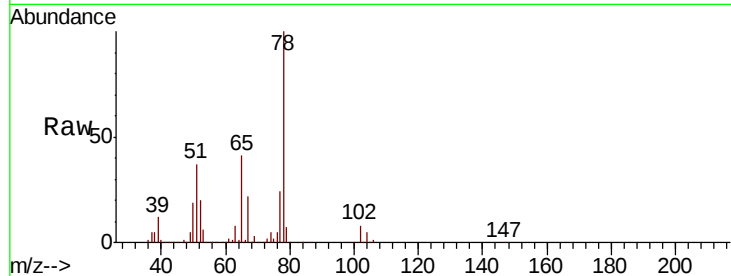




#33
 1,2-Dichloroethane-d4
 Concen: 45.022 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

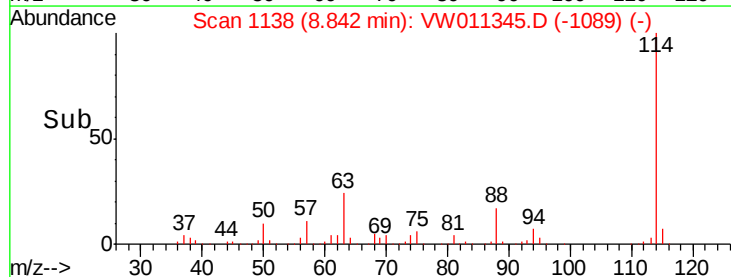
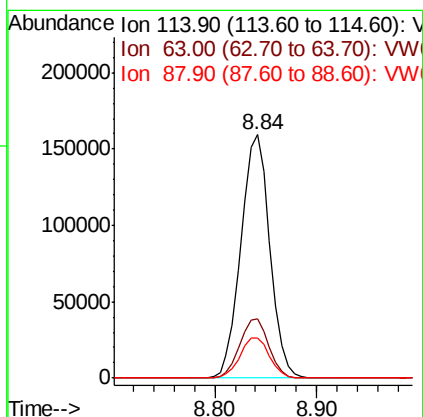
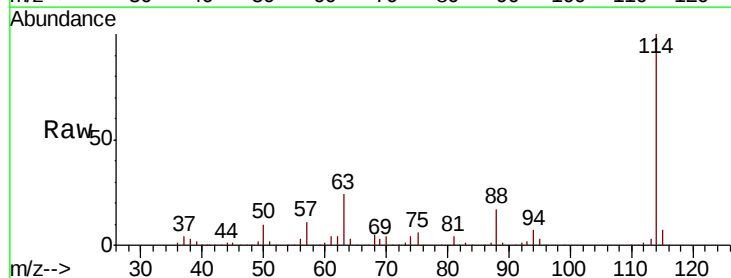
Instrument :
 MSVOA_W
 ClientSampled :

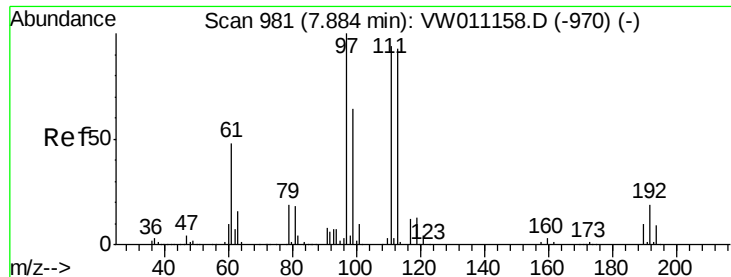
Tot Ion: 65 Resp: 107664
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 114 Resp: 314267
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.5 0.0 34.2

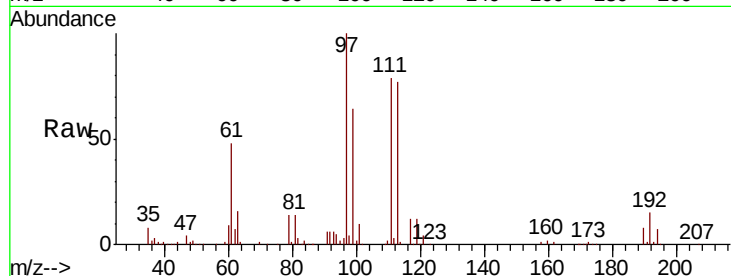




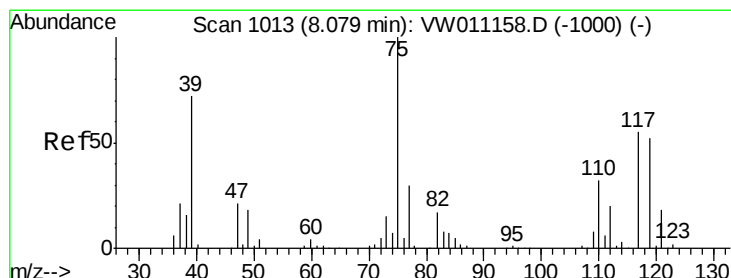
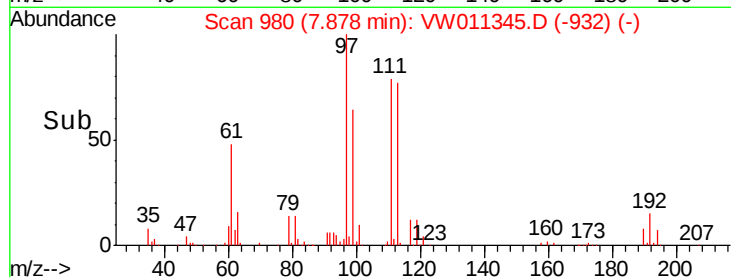
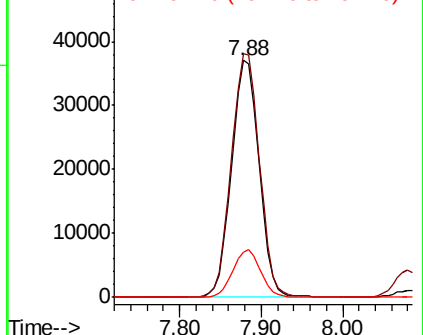
#35
 Dibromofluoromethane
 Concen: 46.108 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 86368
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.4 123.6
 192 20.3 15.8 23.8

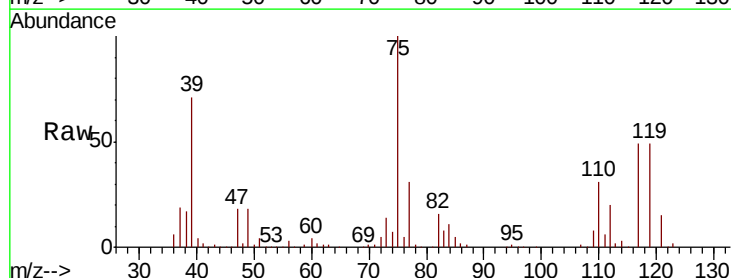


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

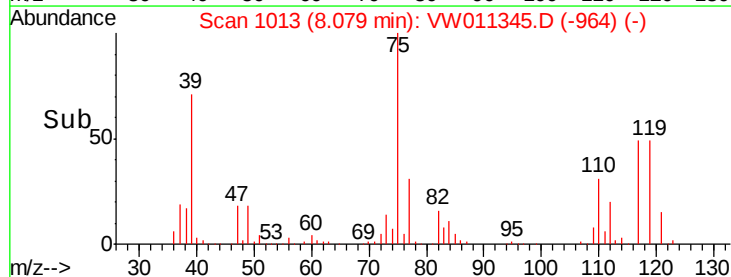
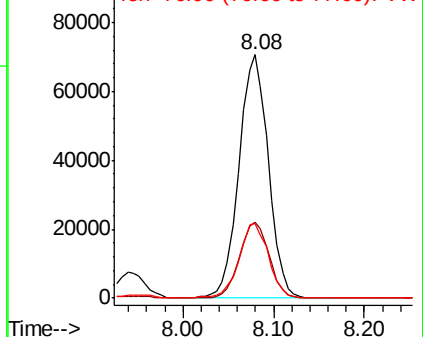


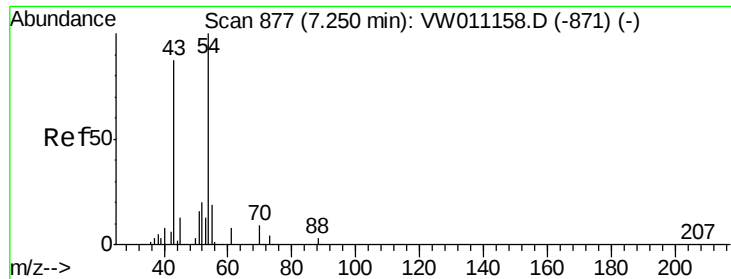
#36
 1,1-Dichloropropene
 Concen: 47.274 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 75 Resp: 158210
 Ion Ratio Lower Upper
 75 100
 110 31.4 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

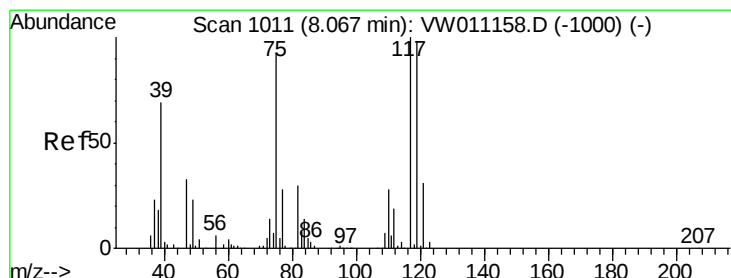
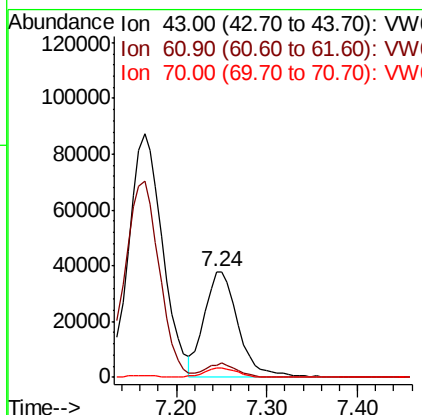
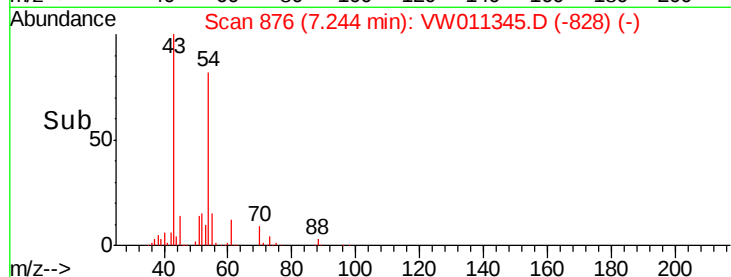
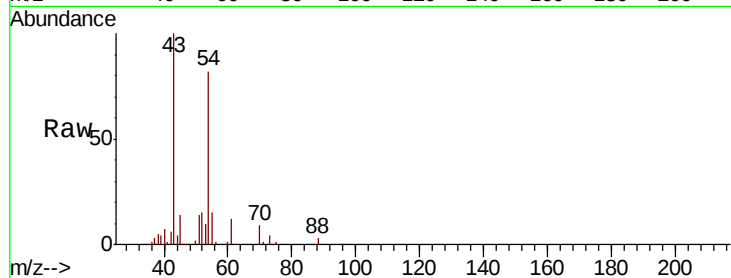




#37
Ethyl Acetate
Concen: 48.511 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

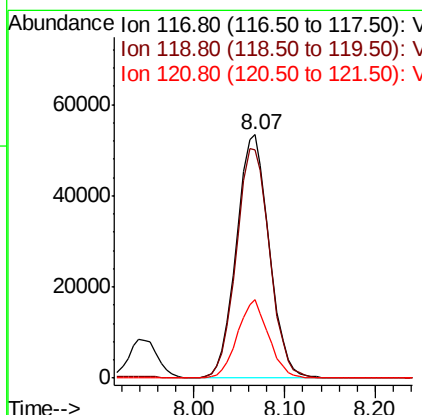
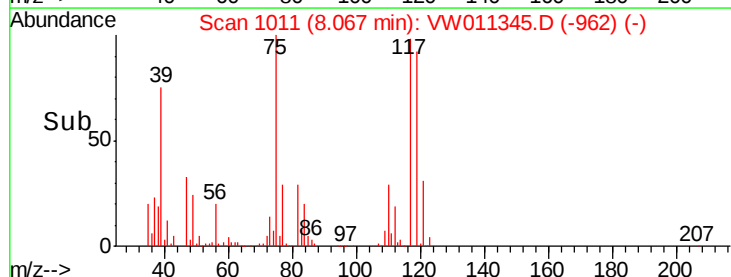
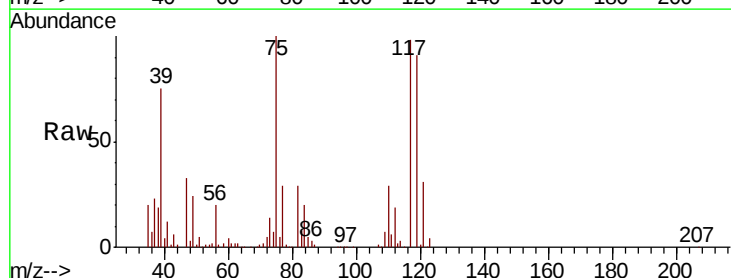
Instrument :
MSVOA_W
ClientSampled :

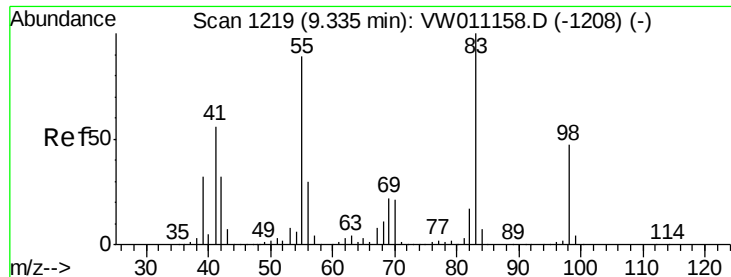
Tot Ion: 43 Resp: 97544
Ion Ratio Lower Upper
43 100
61 12.0 9.5 14.3
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.222 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 117 Resp: 133970
Ion Ratio Lower Upper
117 100
119 93.8 78.1 117.1
121 32.0 25.1 37.7

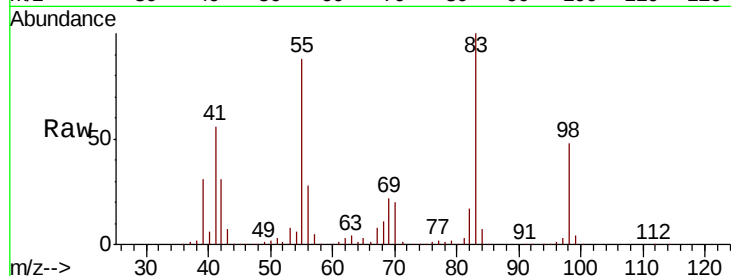




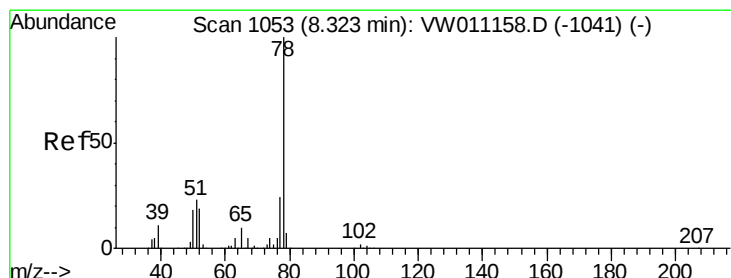
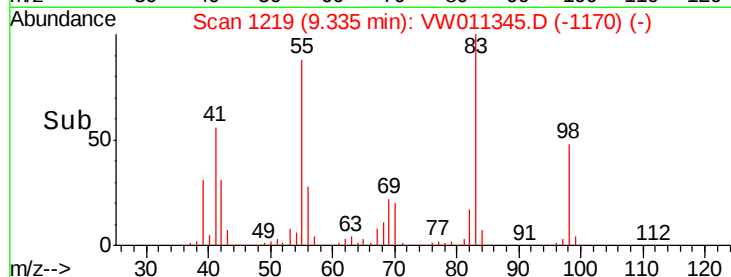
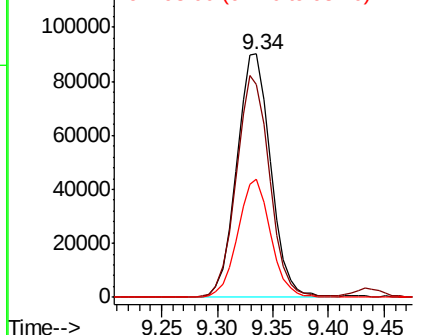
#39
Methvlcvclohexane
Concen: 47.031 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 190771
Ion Ratio Lower Upper
83 100
55 87.5 71.2 106.8
98 48.3 37.5 56.3

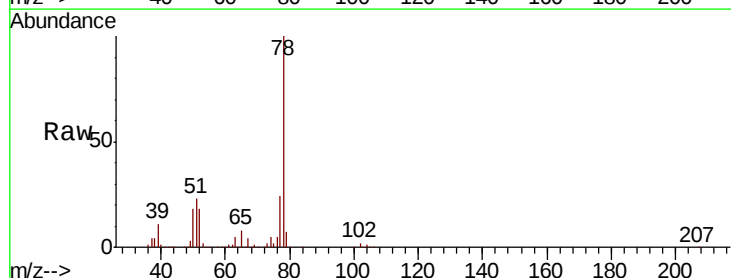


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

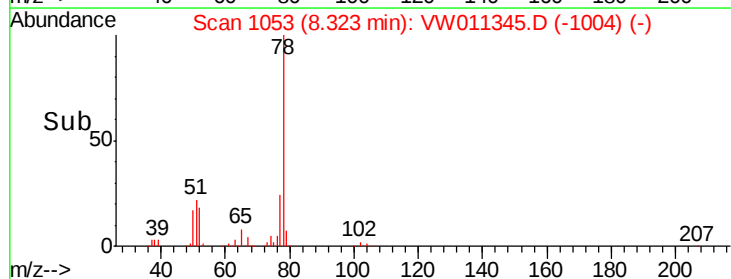
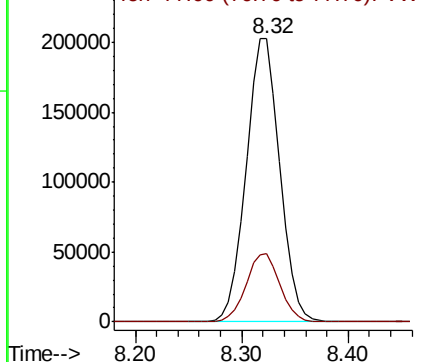


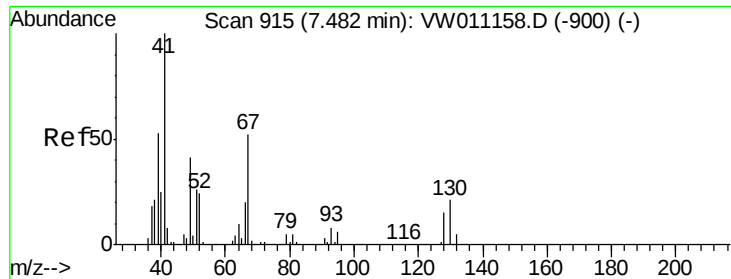
#40
Benzene
Concen: 48.616 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 78 Resp: 449647
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

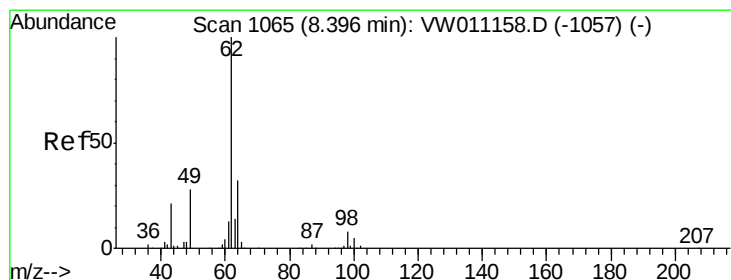
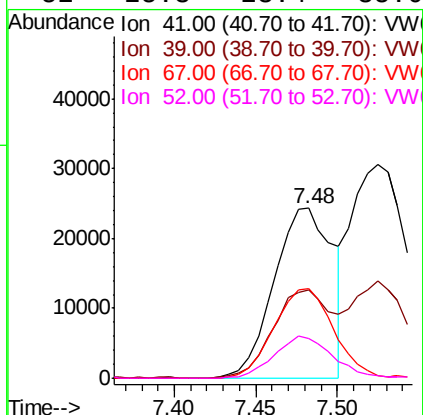
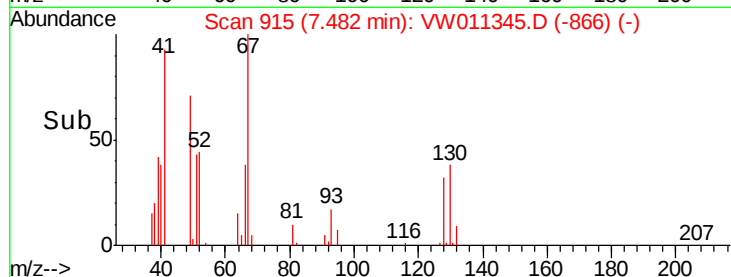
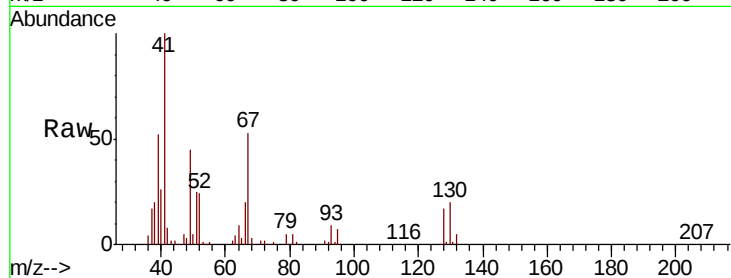




#41
Methacrylonitrile
Concen: 53.052 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

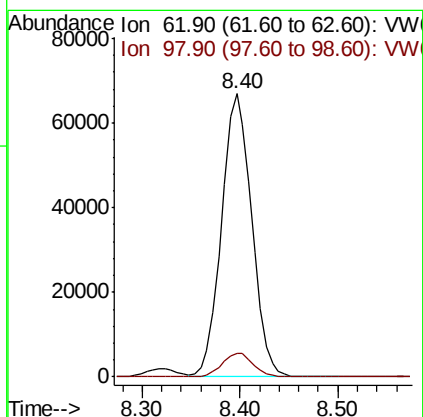
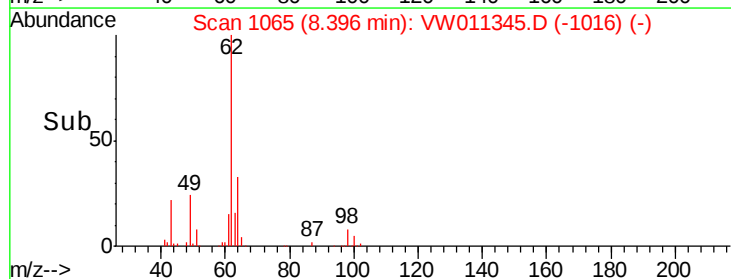
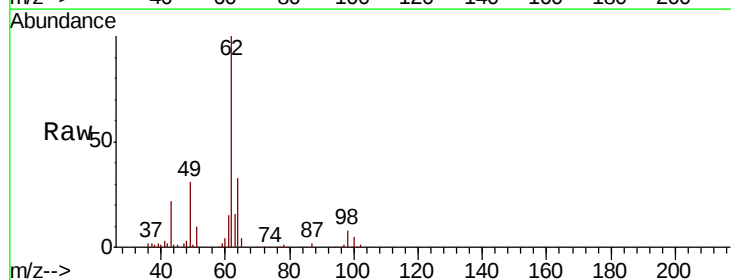
Instrument :
MSVOA_W
ClientSampled :

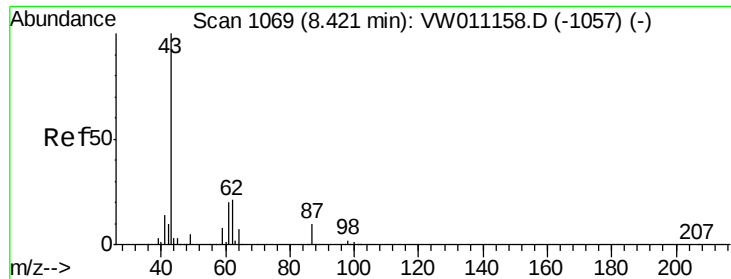
Tot Ion:	41	Resp:	61011
Ion	Ratio	Lower	Upper
41	100		
39	51.3	48.0	72.0
67	54.1	49.7	74.5
52	25.3	23.4	35.0



#42
1,2-Dichloroethane
Concen: 47.764 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:	62	Resp:	143305
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8



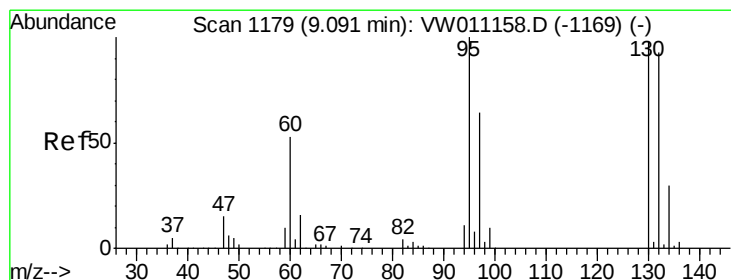
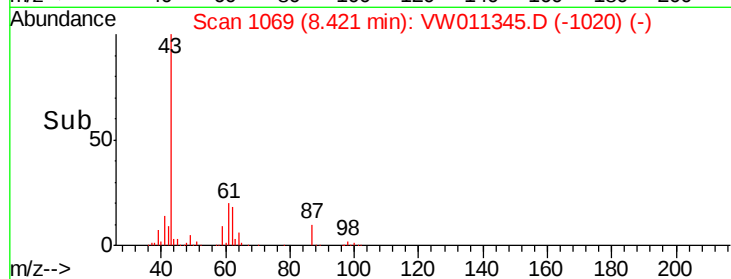
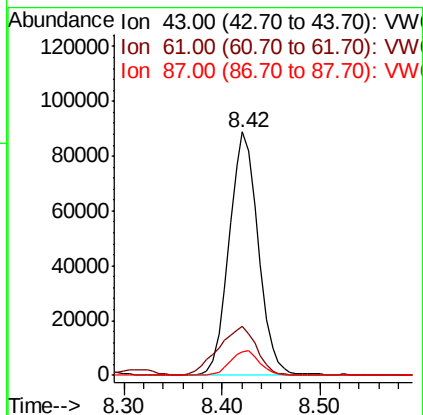
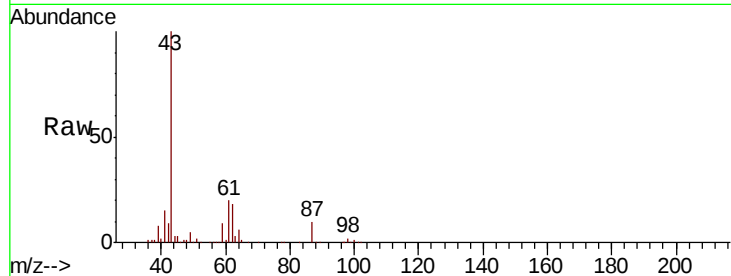


#43

Isopropyl Acetate
 Concen: 48.064 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Instrument :
 MSVOA_W
 ClientSampleId :

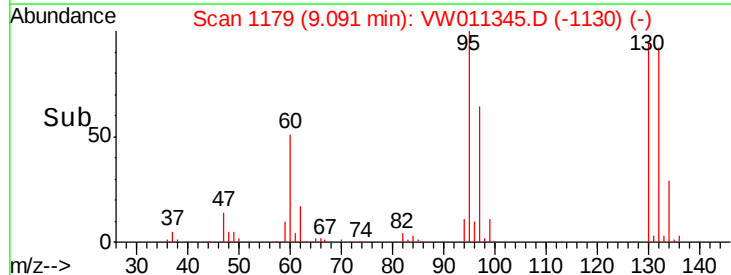
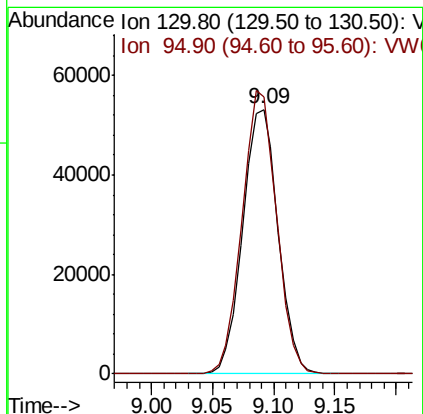
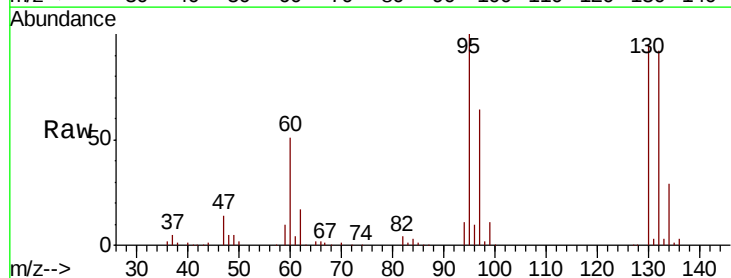
Tot Ion: 43 Resp: 182464
 Ion Ratio Lower Upper
 43 100
 61 26.7 20.7 31.1
 87 10.3 8.1 12.1

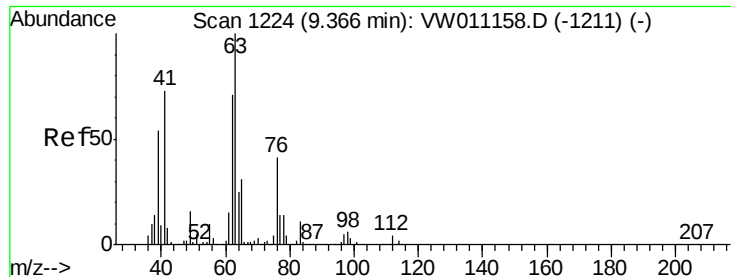


#44

Trichloroethene
 Concen: 47.991 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 130 Resp: 106812
 Ion Ratio Lower Upper
 130 100
 95 104.8 0.0 203.6

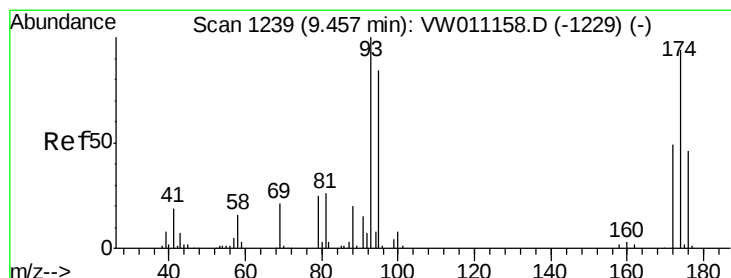
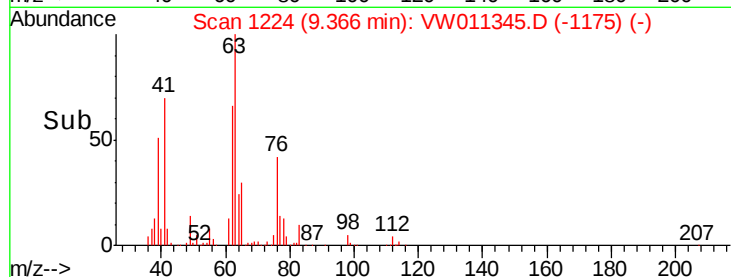
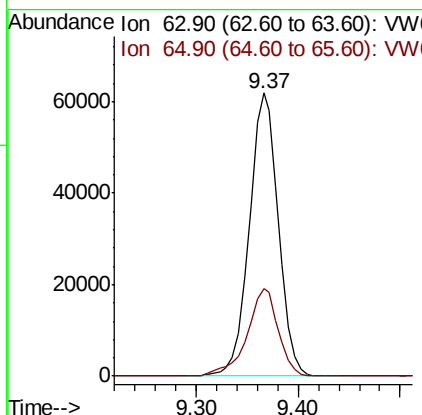
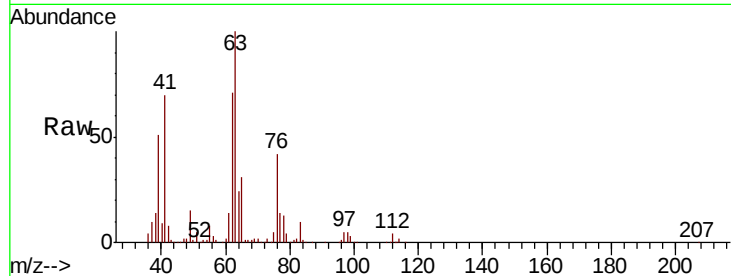




#45
 1,2-Dichloropropane
 Concen: 48.997 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

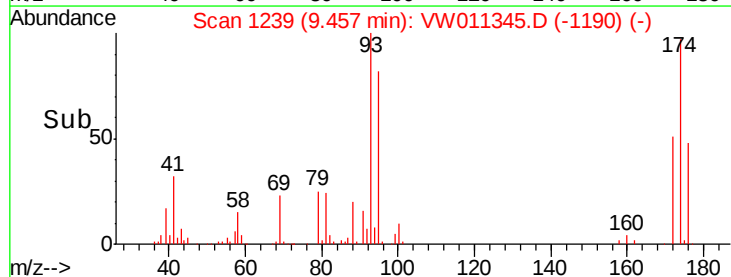
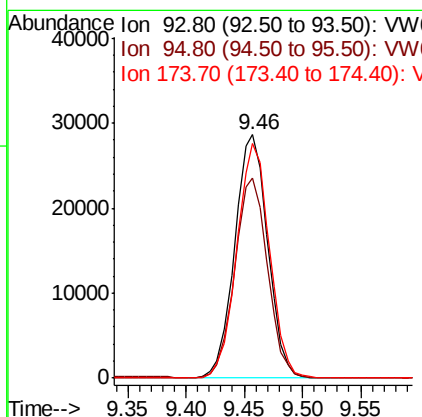
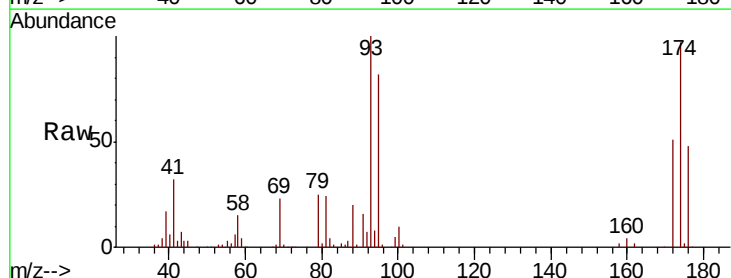
Instrument :
 MSVOA_W
 ClientSampleId :

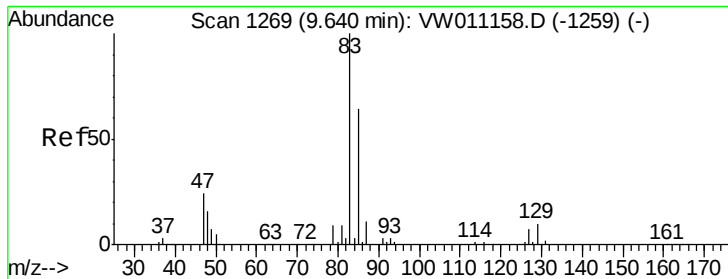
Tot Ion: 63 Resp: 122716
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.4 36.6



#46
 Dibromomethane
 Concen: 48.108 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 93 Resp: 56600
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.2 100.8
 174 95.4 76.3 114.5

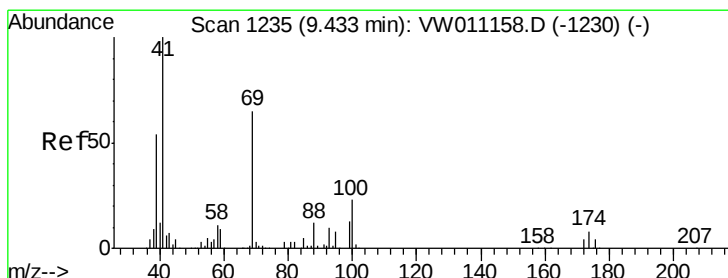
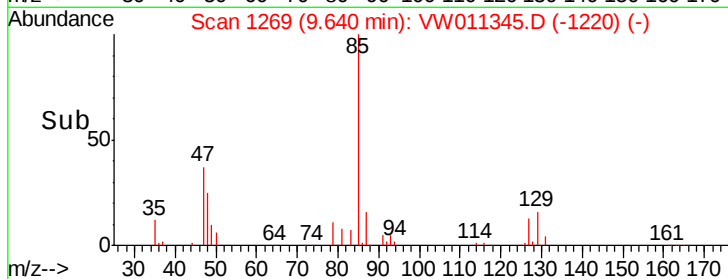
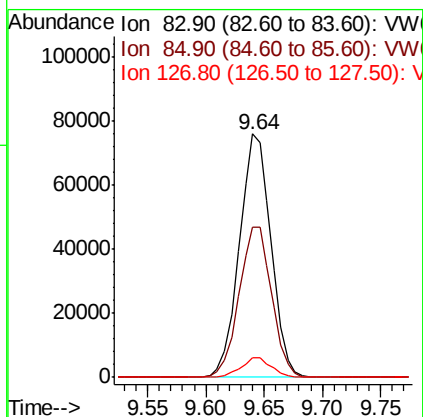
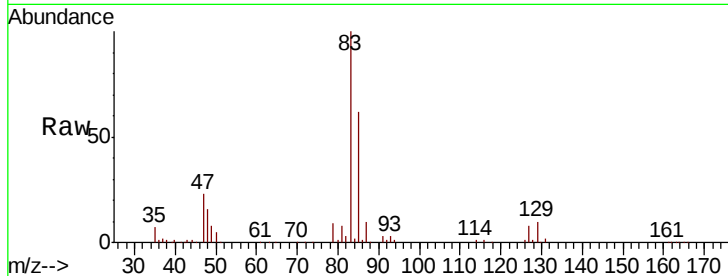




#47
 Bromodichloromethane
 Concen: 47.769 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

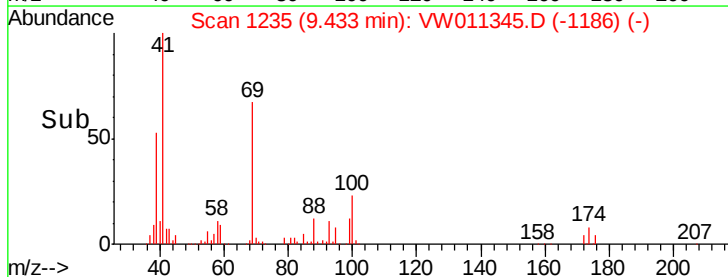
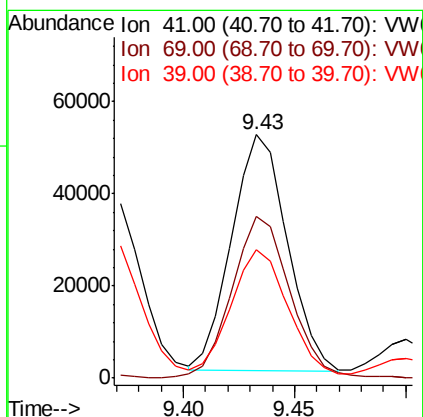
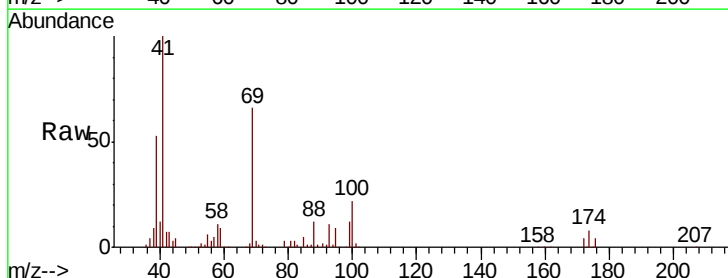
Instrument :
 MSVOA_W
 ClientSampleId :

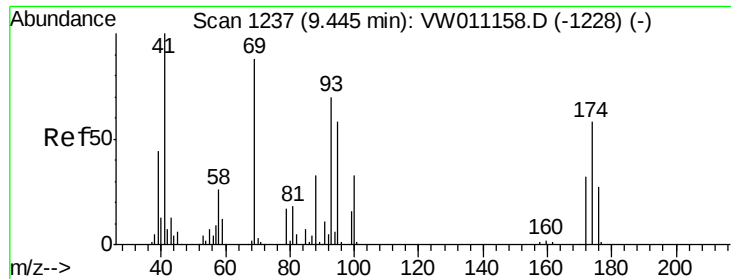
Tot Ion: 83 Resp: 143799
 Ion Ratio Lower Upper
 83 100
 85 61.9 51.0 76.4
 127 7.9 6.0 9.0



#48
 Methyl methacrylate
 Concen: 48.882 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 41 Resp: 89277
 Ion Ratio Lower Upper
 41 100
 69 71.7 56.0 84.0
 39 52.7 43.5 65.3

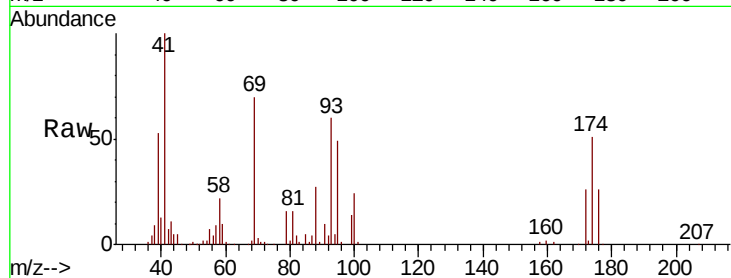




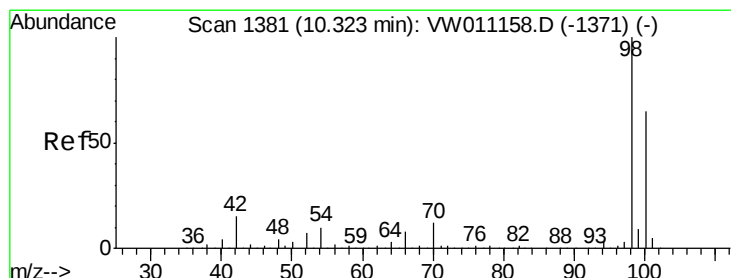
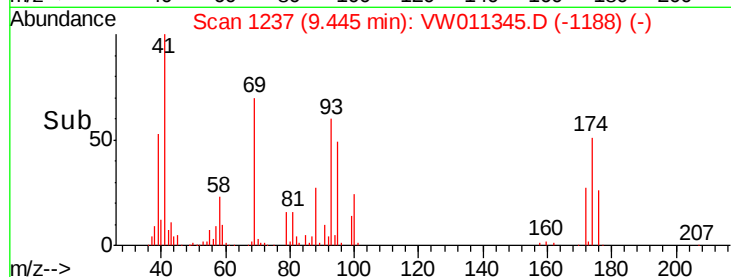
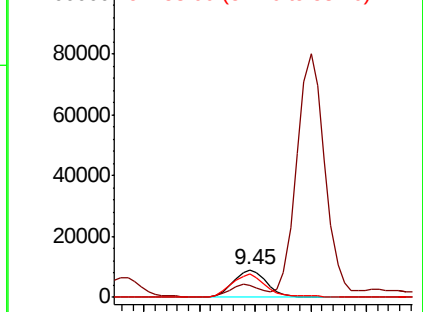
#49
1,4-Dioxane
Concen: 963.892 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 18929
Ion Ratio Lower Upper
88 100
43 41.4 33.4 50.0
58 87.9 64.5 96.7

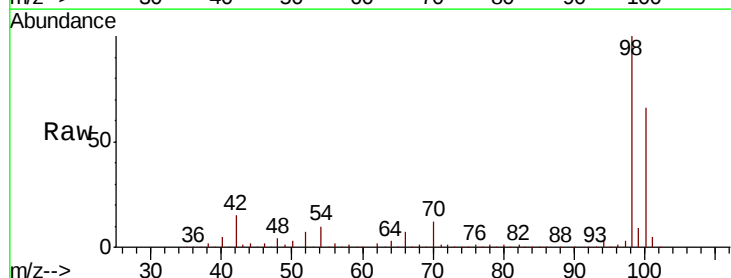


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

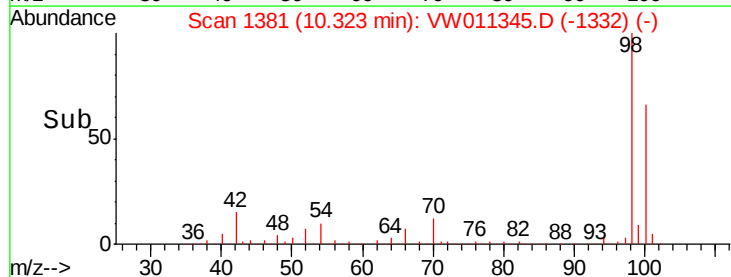
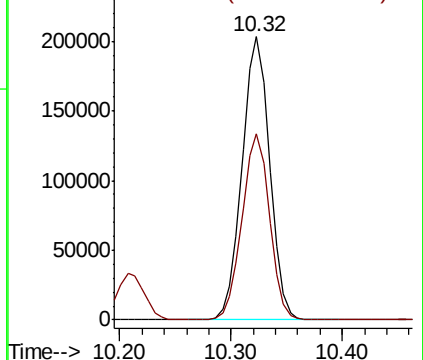


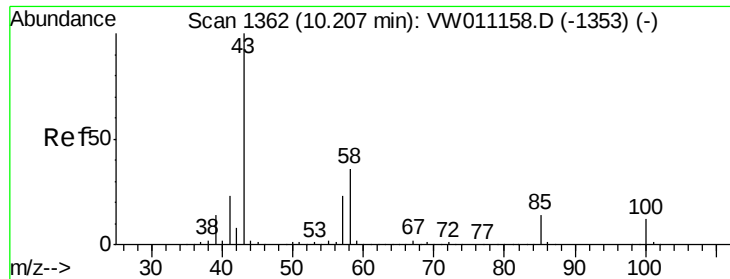
#50
Toluene-d8
Concen: 46.166 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 98 Resp: 349549
Ion Ratio Lower Upper
98 100
100 65.7 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: 247.350 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

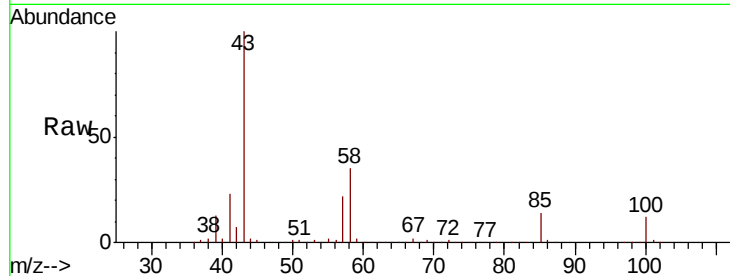
ClientSampled :

Tot Ion: 43 Resp: 490514

Ion Ratio Lower Upper

43 100

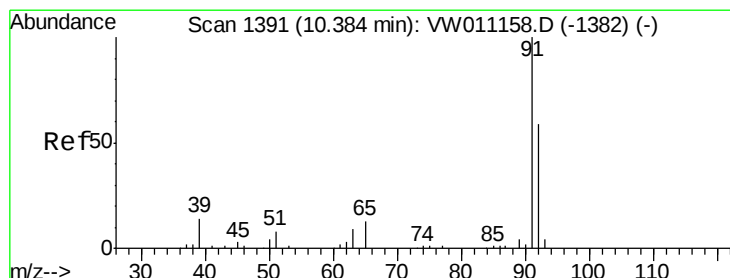
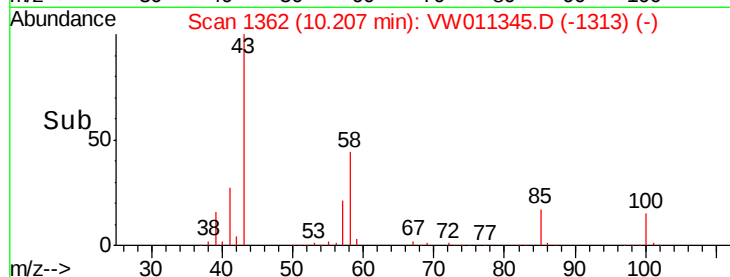
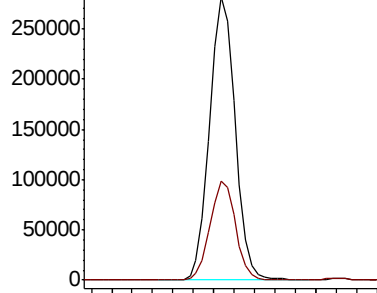
58 34.9 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21



#52

Toluene

Concen: 48.785 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011345.D

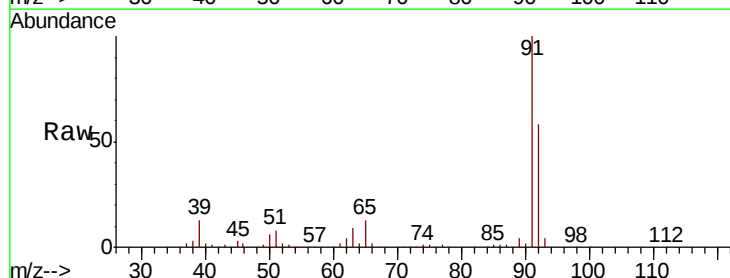
Acq: 18 Jul 2019 20:14

Tgt Ion: 92 Resp: 273706

Ion Ratio Lower Upper

92 100

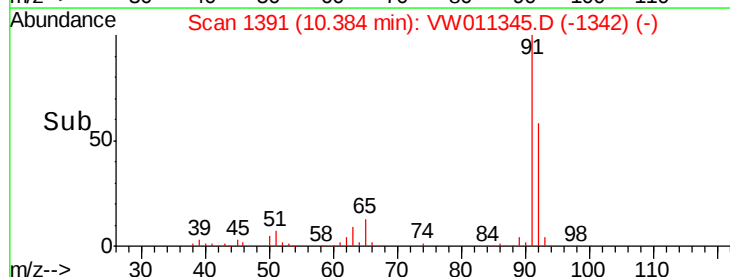
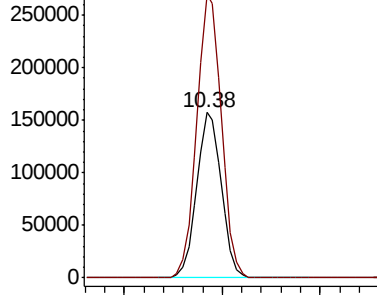
91 172.0 136.6 205.0

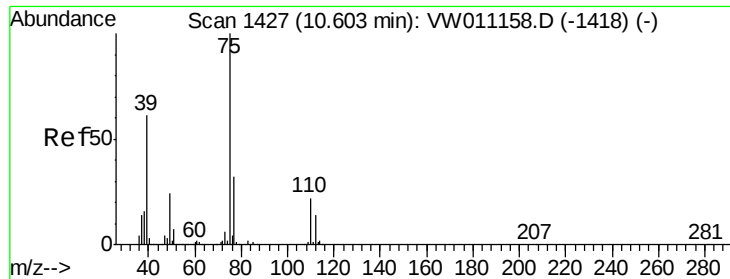


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38





#53

t-1,3-Dichloropropene

Concen: 46.096 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

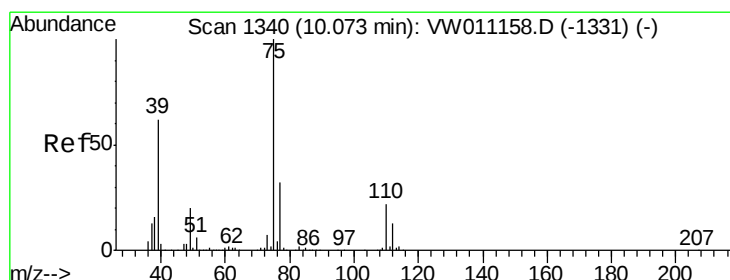
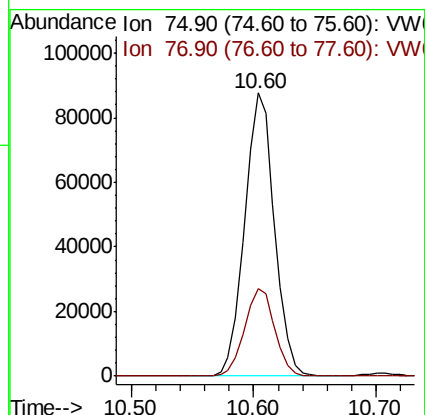
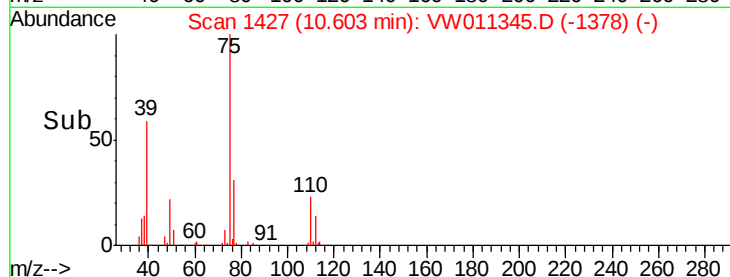
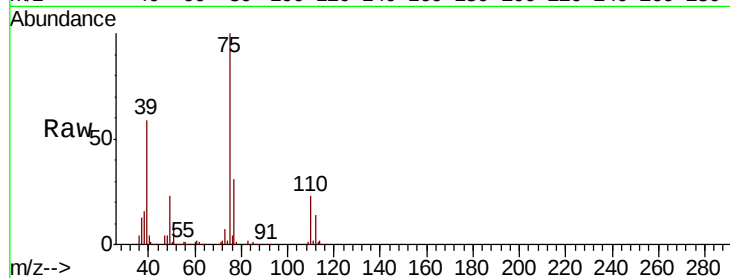
ClientSampleId :

Tot Ion: 75 Resp: 147706

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 46.775 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

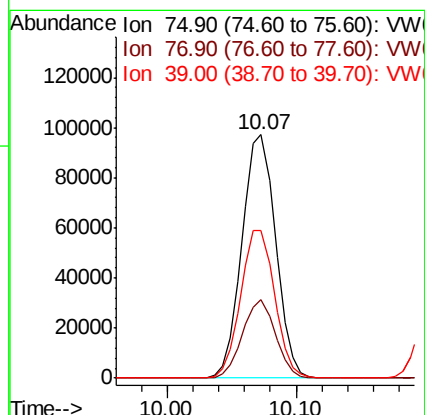
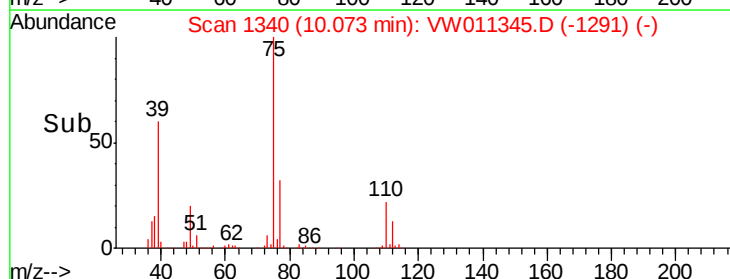
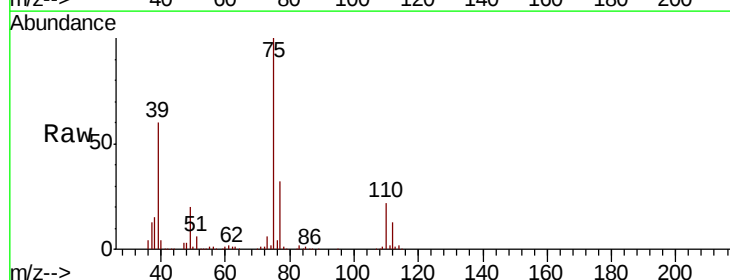
Tgt Ion: 75 Resp: 176416

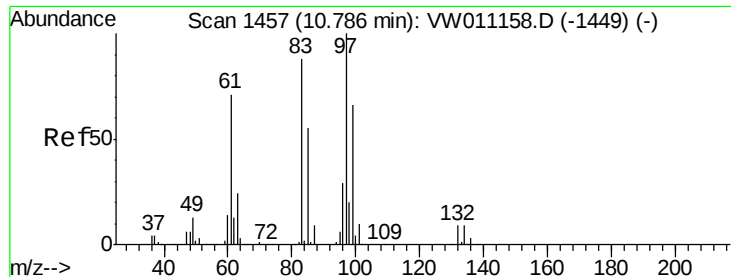
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 60.3 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 48.180 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

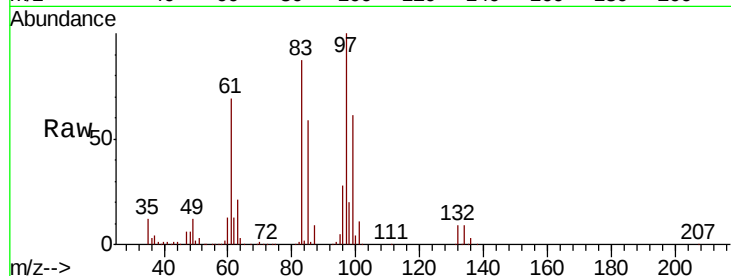
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 80416

Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.4
85	58.7	44.2	66.2
99	61.2	52.6	79.0

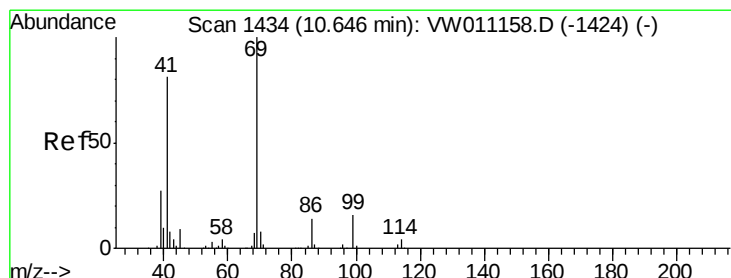
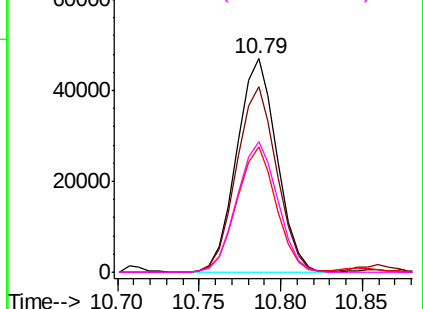
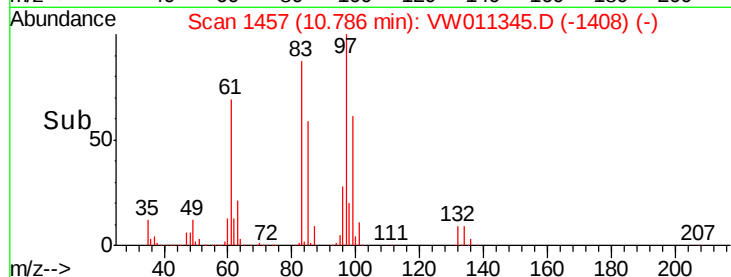


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 49.086 ug/l

RT: 10.65 min Scan# 1434

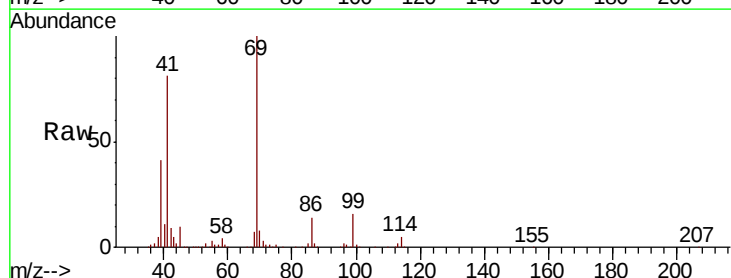
Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Tgt Ion: 69 Resp: 124734

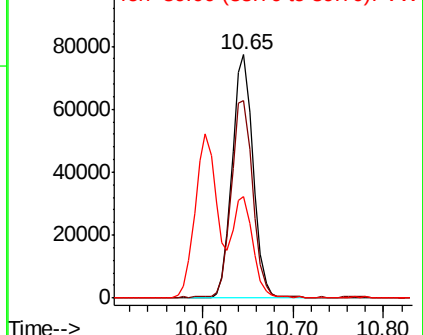
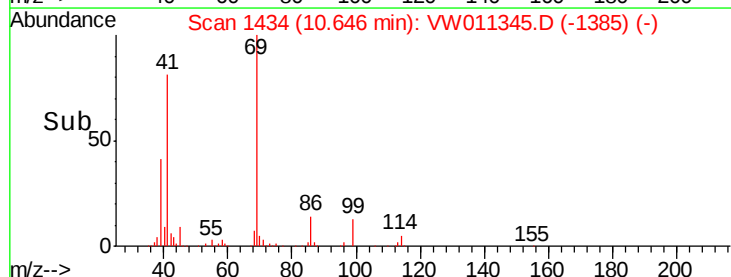
Ion	Ratio	Lower	Upper
69	100		
41	83.7	66.5	99.7
39	38.5	32.5	48.7

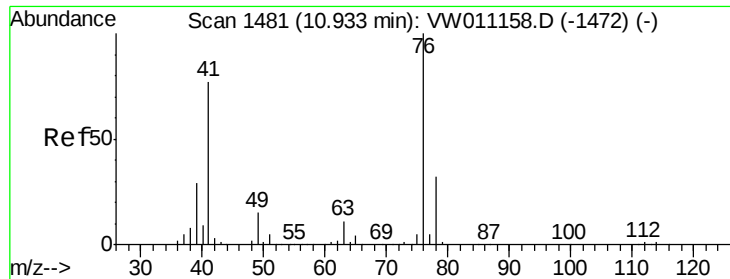


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

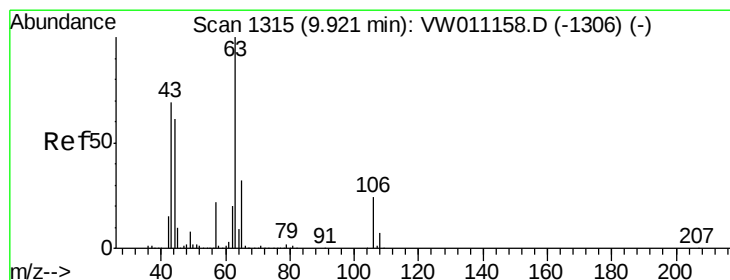
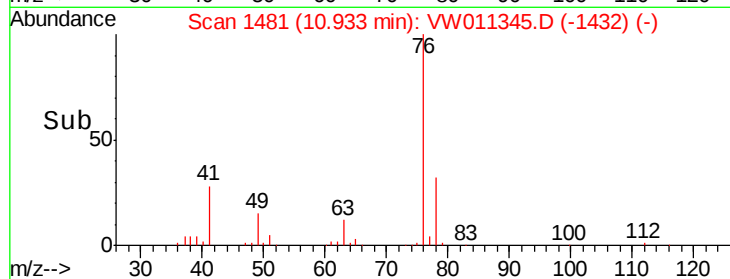
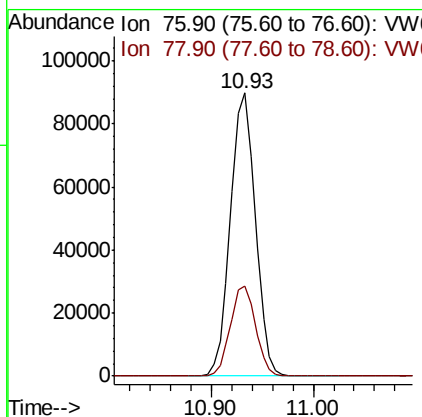
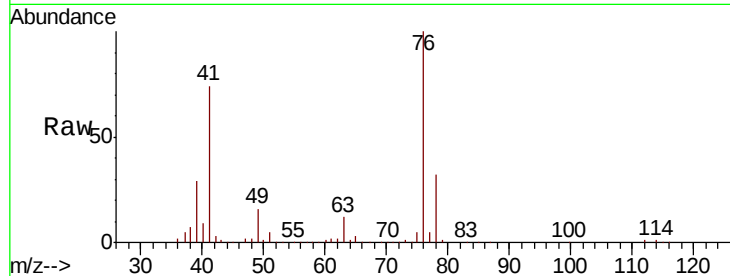




#57
 1,3-Dichloropropane
 Concen: 47.958 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

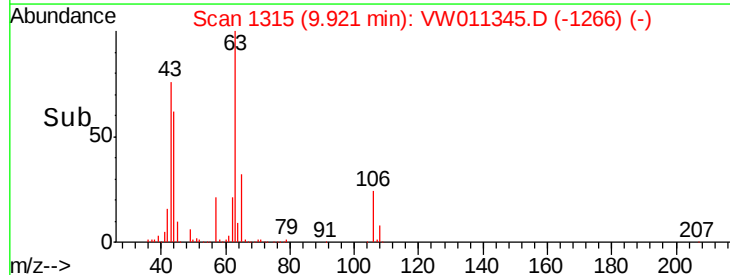
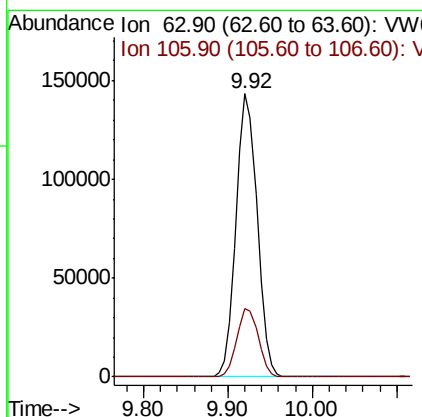
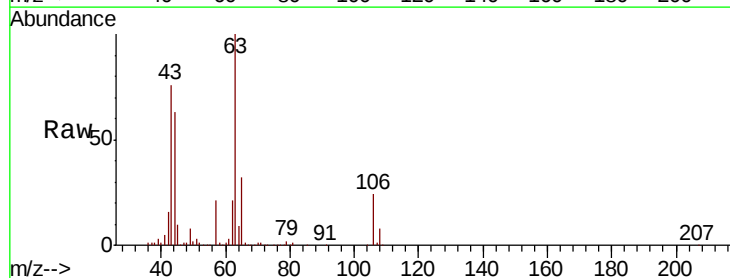
Instrument :
 MSVOA_W
 ClientSampled :

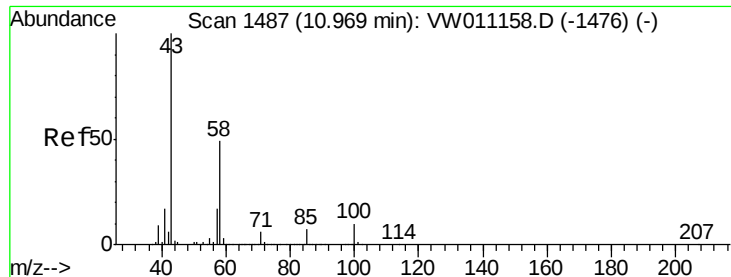
Tot Ion: 76 Resp: 151367
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 205.588 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 63 Resp: 242196
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0





#59

2-Hexanone

Concen: 246.952 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

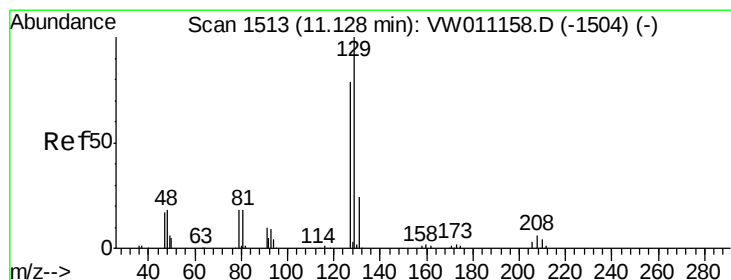
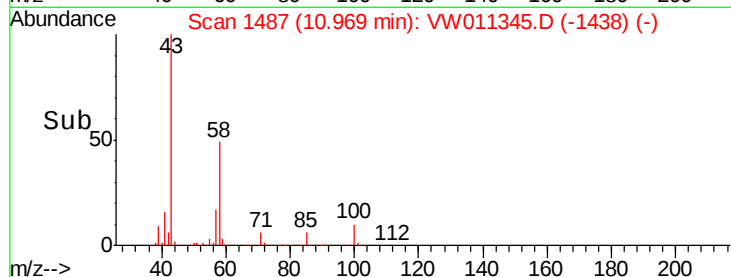
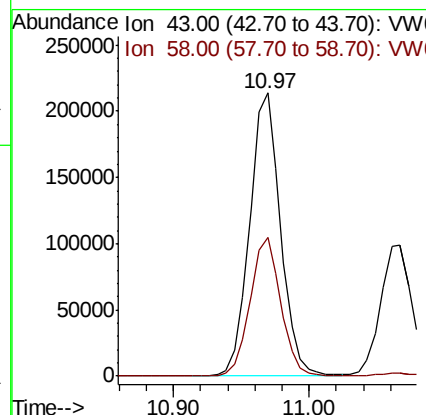
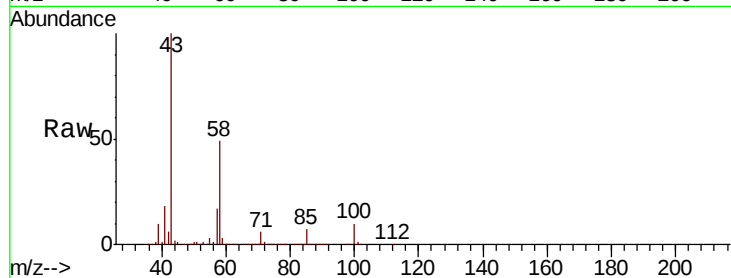
ClientSampled :

Tot Ion: 43 Resp: 339624

Ion Ratio Lower Upper

43 100

58 48.7 24.4 73.4



#60

Dibromochloromethane

Concen: 47.634 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011345.D

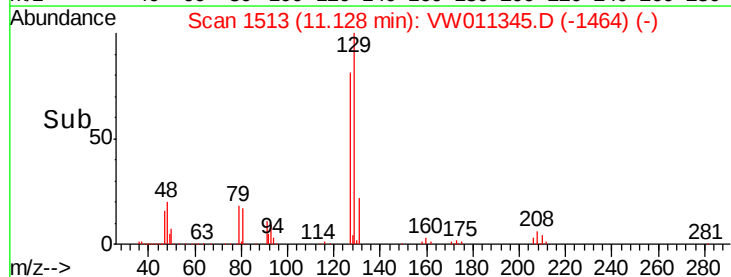
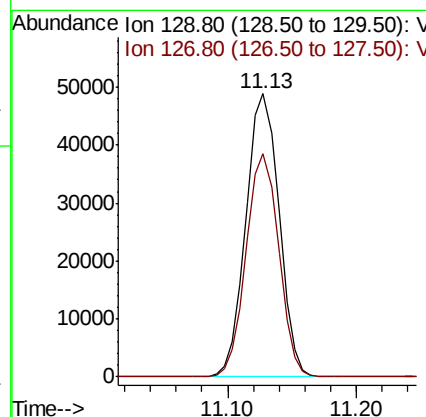
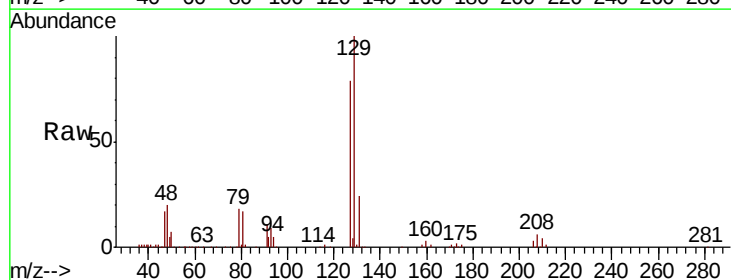
Acq: 18 Jul 2019 20:14

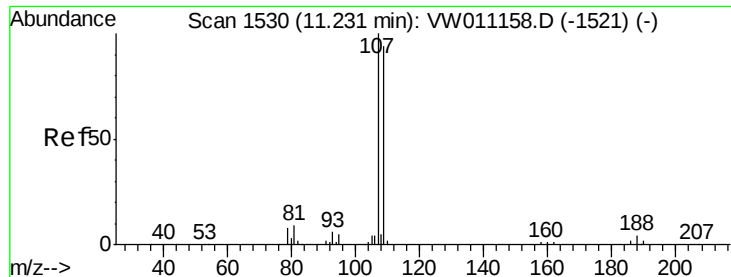
Tgt Ion: 129 Resp: 87183

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.3

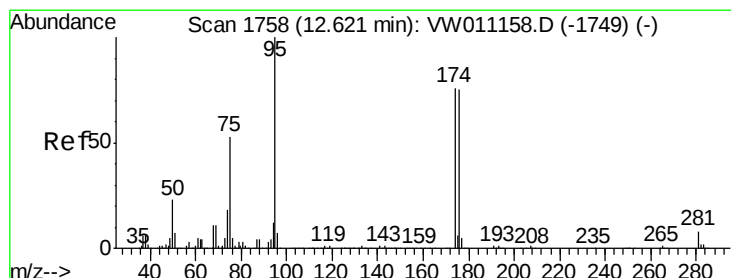
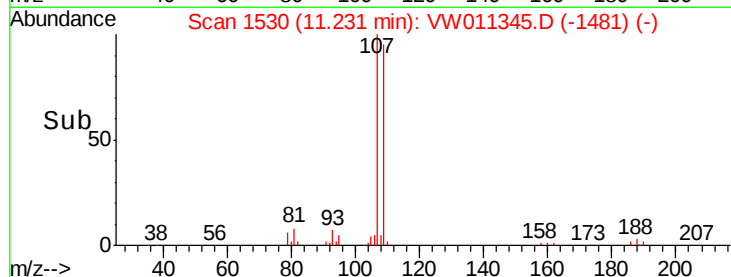
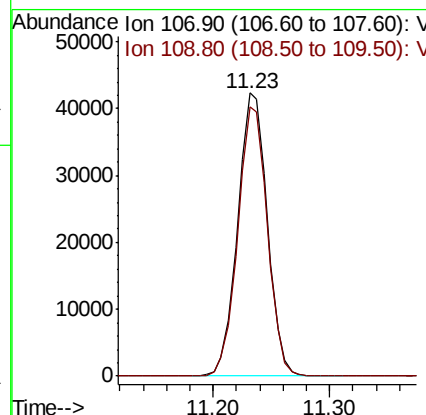
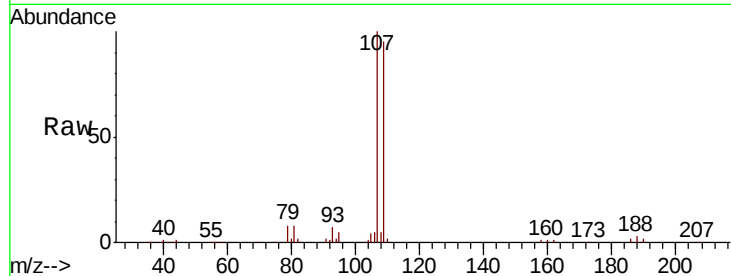




#61
 1,2-Dibromoethane
 Concen: 47.486 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

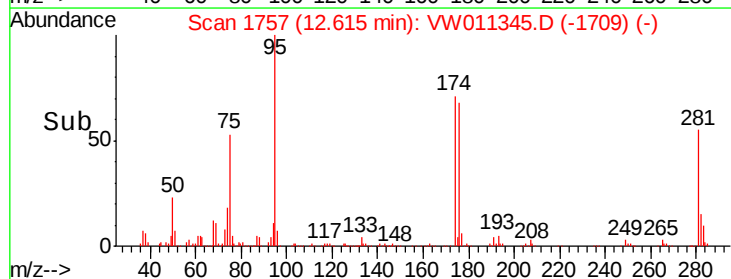
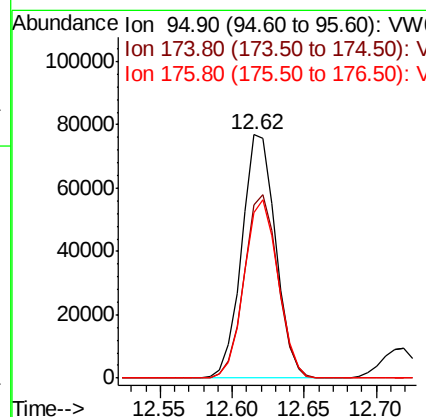
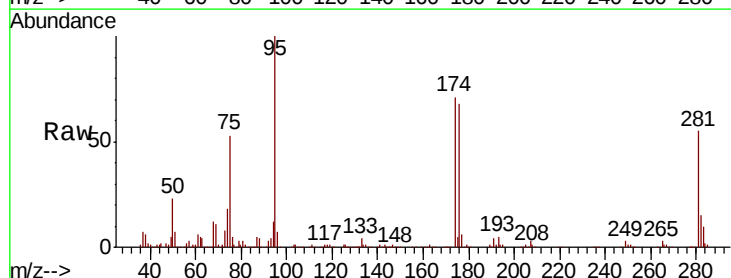
Instrument :
 MSVOA_W
 ClientSampleId :

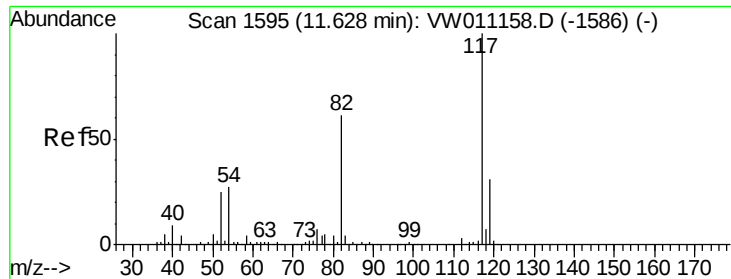
Tot Ion:107 Resp: 75075
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 45.184 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion: 95 Resp: 125399
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.6
 176 73.3 0.0 144.6

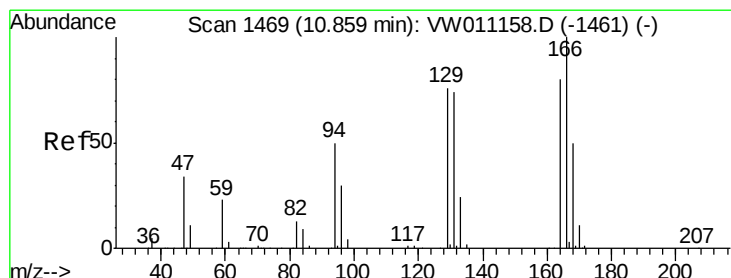
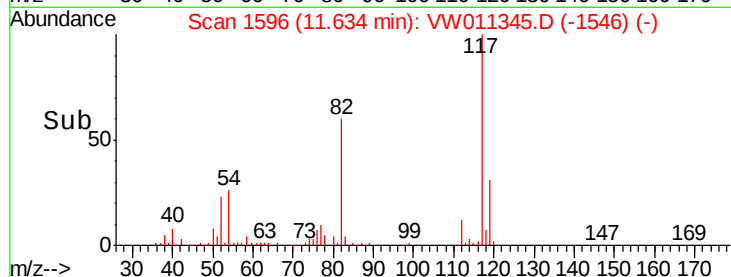
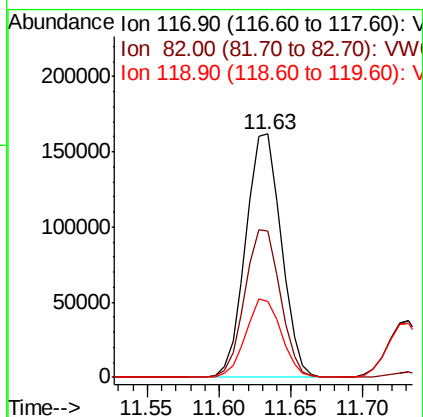
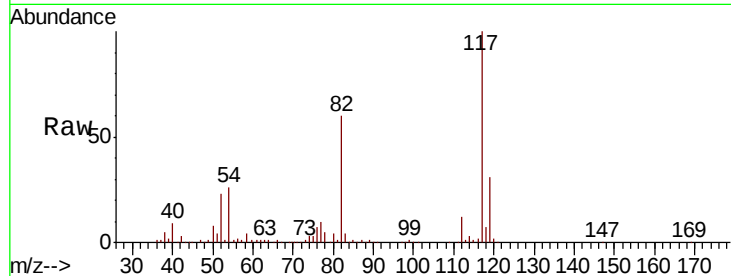




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

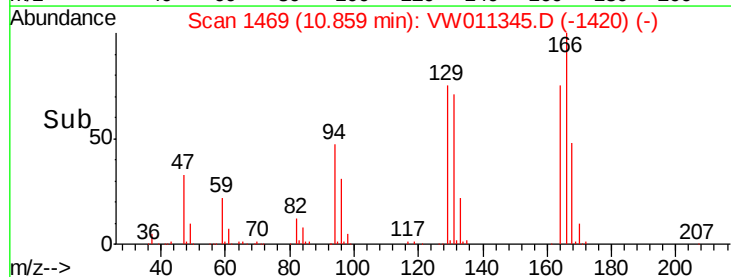
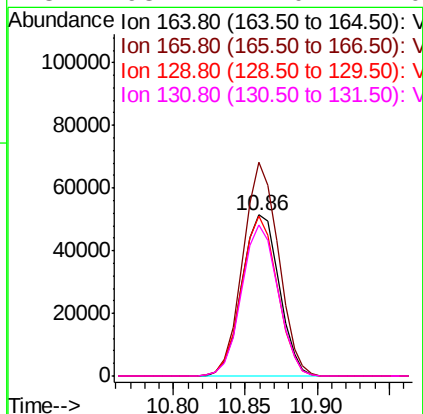
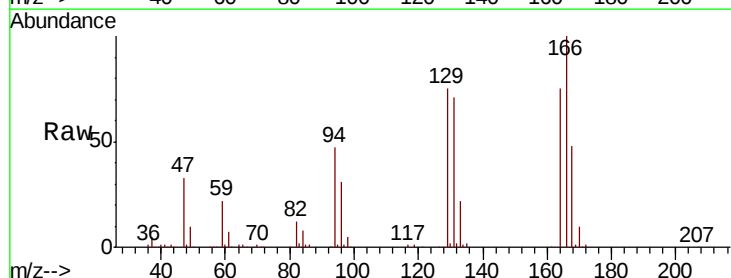
Instrument :
MSVOA_W
ClientSampleId :

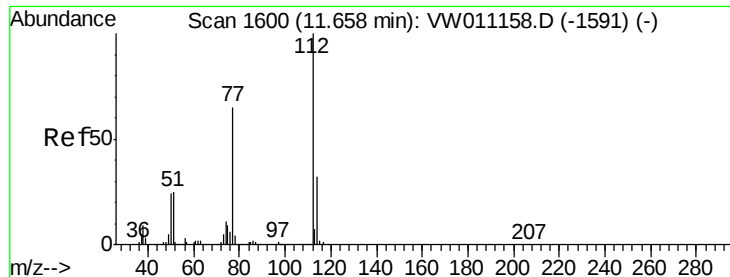
Tot Ion:117 Resp: 277118
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 31.3 25.0 37.6



#64
Tetrachloroethene
Concen: 49.306 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:164 Resp: 92200
Ion Ratio Lower Upper
164 100
166 132.7 99.7 149.5
129 99.2 76.2 114.2
131 93.7 74.0 111.0

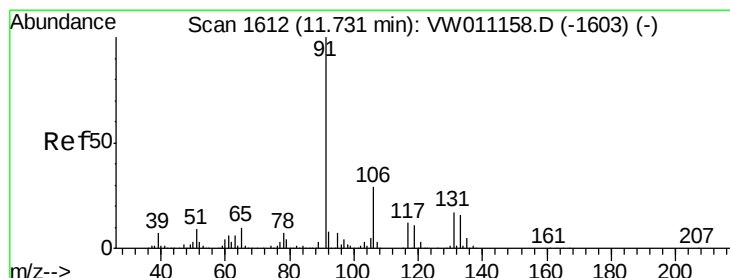
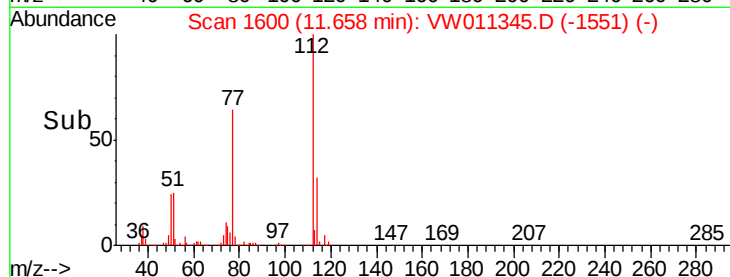
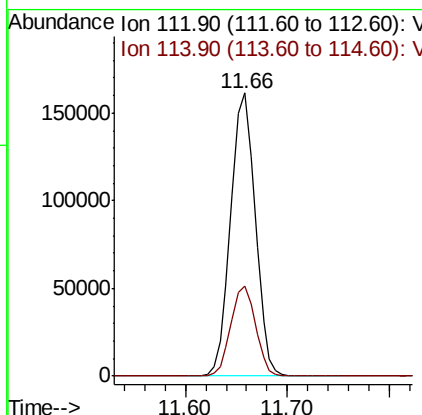
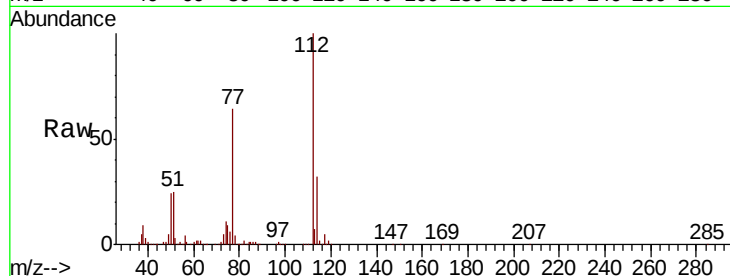




#65
Chlorobenzene
Concen: 47.751 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

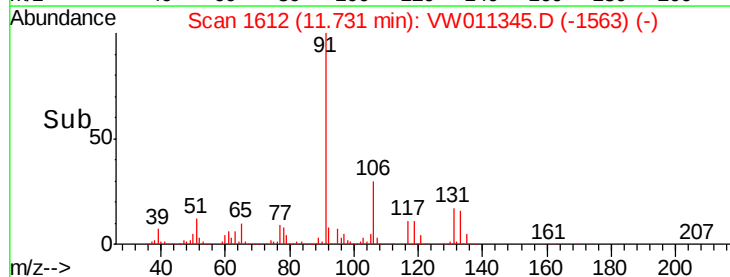
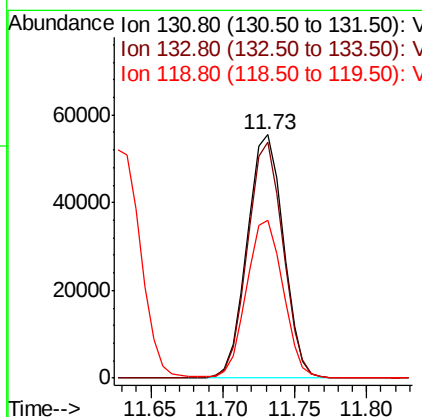
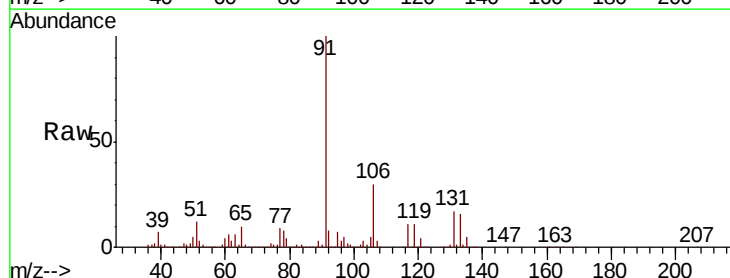
Instrument :
MSVOA_W
ClientSampleId :

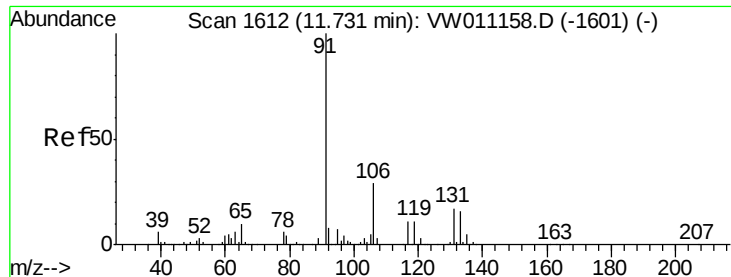
Tot Ion:112 Resp: 269035
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.705 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:131 Resp: 96619
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 65.7 33.1 99.2

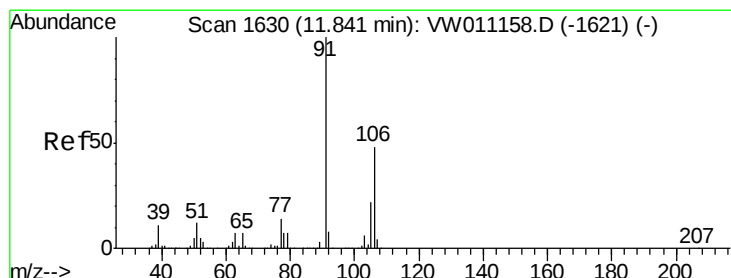
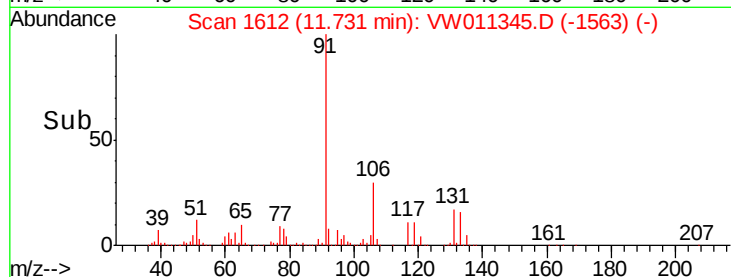
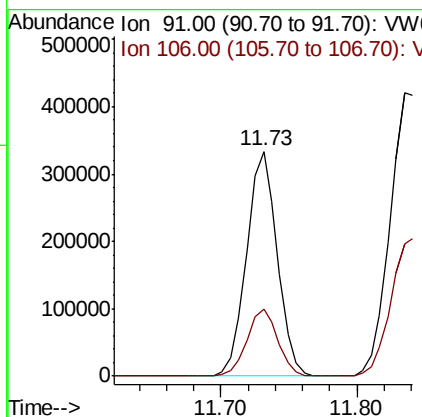
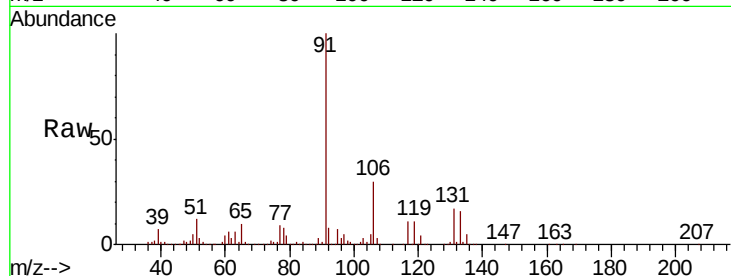




#67
Ethyl Benzene
Concen: 48.782 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

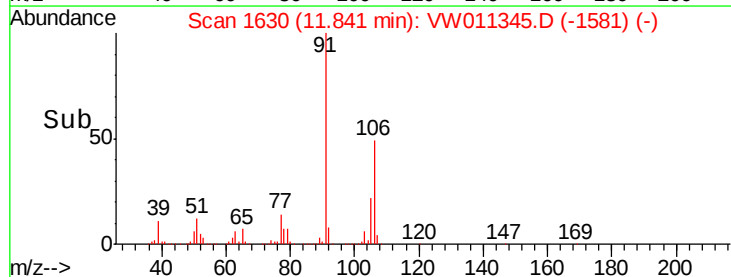
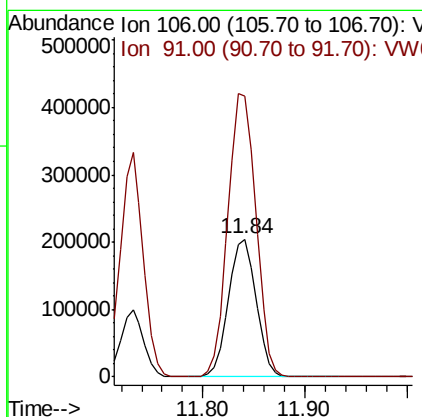
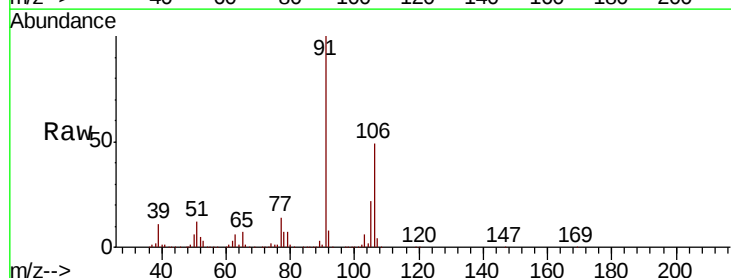
Instrument :
MSVOA_W
ClientSampled :

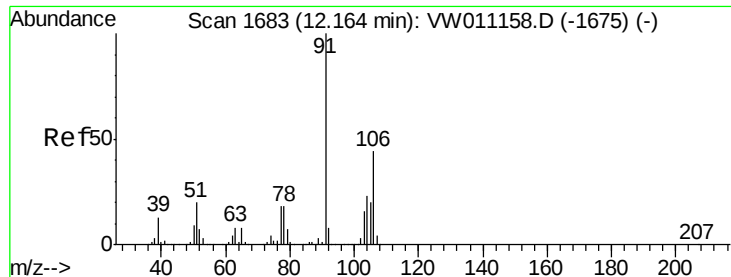
Tot Ion: 91 Resp: 526144
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 97.943 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion: 106 Resp: 382246
Ion Ratio Lower Upper
106 100
91 209.1 167.7 251.5

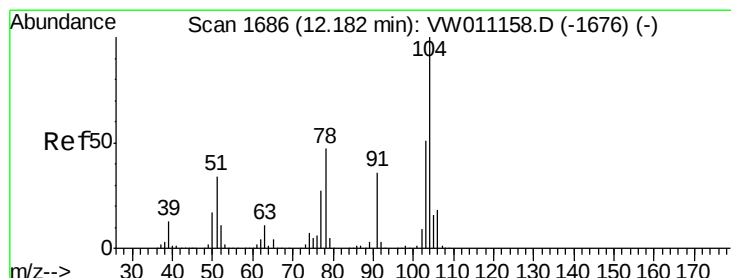
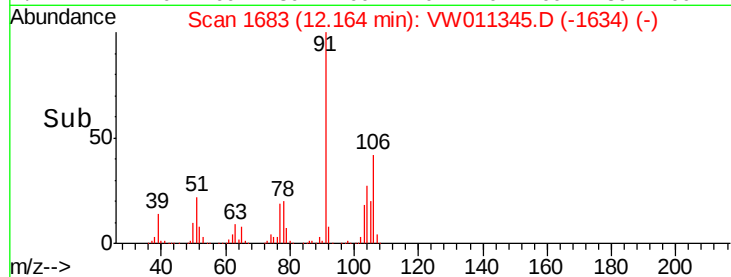
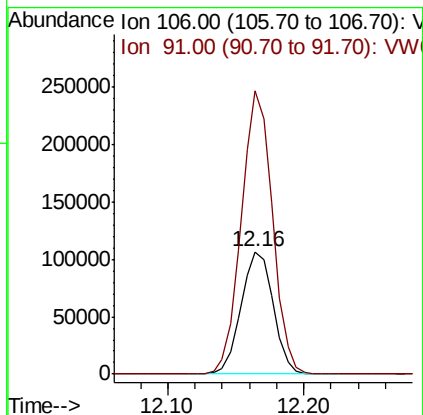
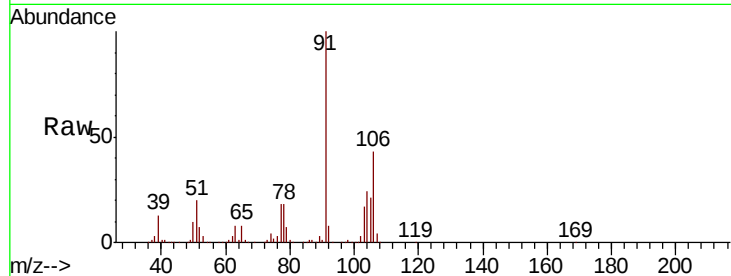




#69
o-Xylene
Concen: 48.012 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

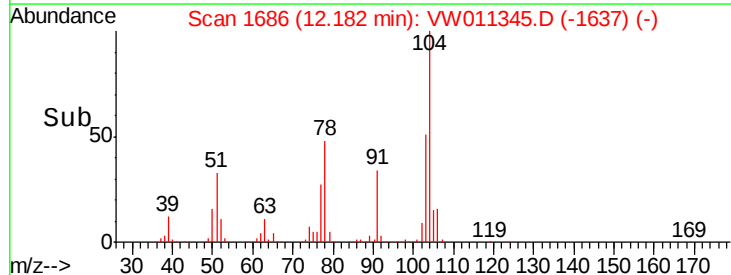
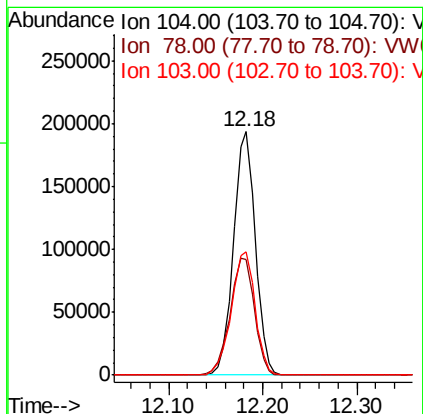
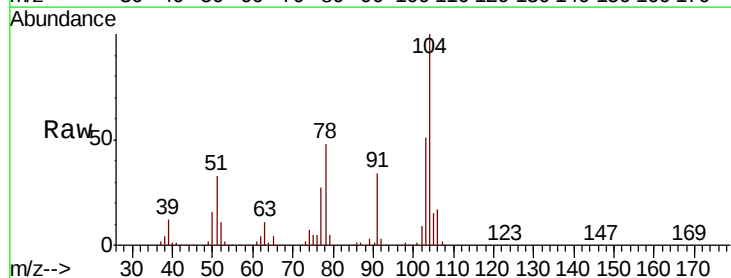
Instrument :
MSVOA_W
ClientSampleId :

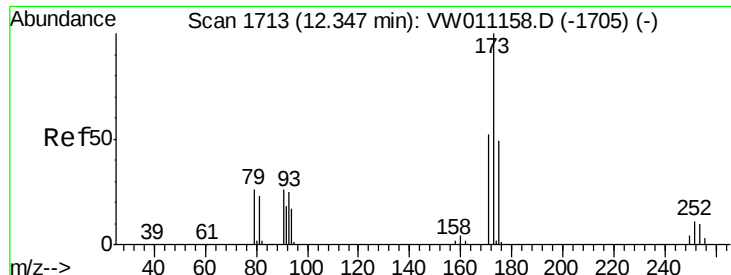
Tot Ion:106 Resp: 176608
Ion Ratio Lower Upper
106 100
91 223.9 110.7 332.1



#70
Styrene
Concen: 48.971 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:104 Resp: 310881
Ion Ratio Lower Upper
104 100
78 53.8 43.1 64.7
103 55.4 44.1 66.1





#71

Bromoform

Concen: 46.446 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

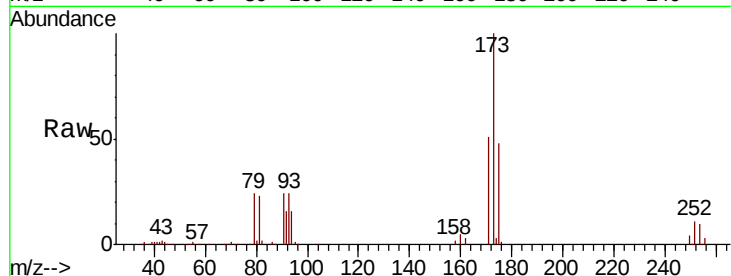
Tot Ion:173 Resp: 48989

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.3

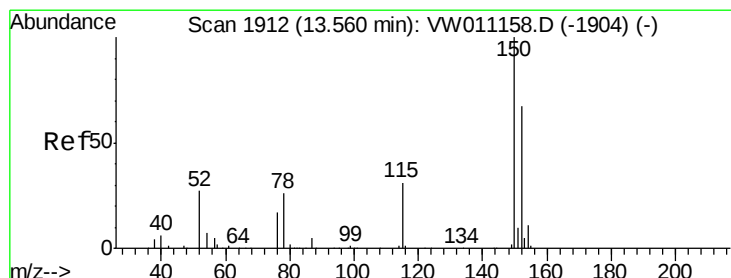
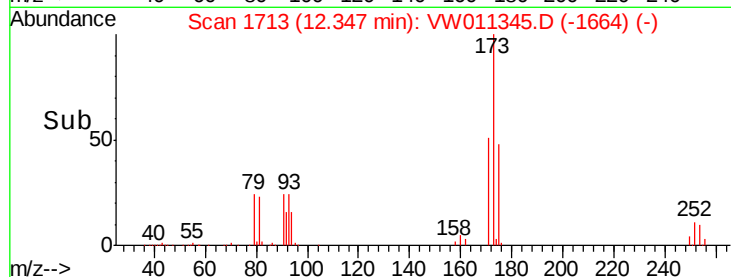
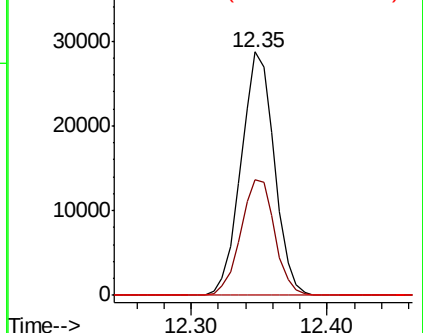
254 0.1 0.0 0.0#



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: VW011345.D

Acq: 18 Jul 2019 20:14

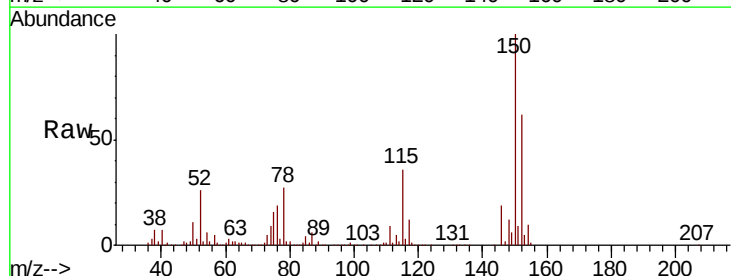
Tgt Ion:152 Resp: 131059

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

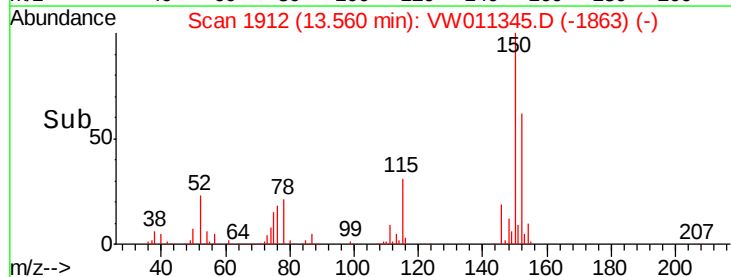
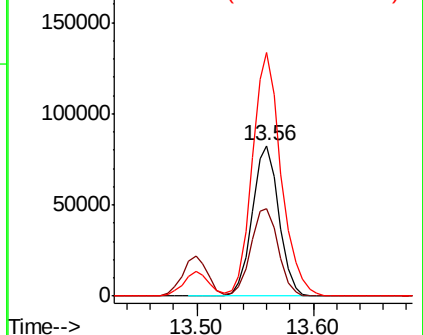
150 174.1 0.0 346.0

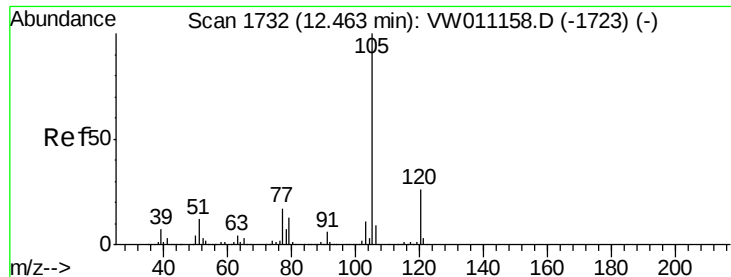


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.239 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

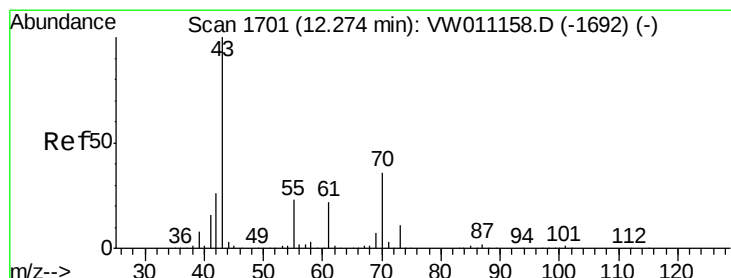
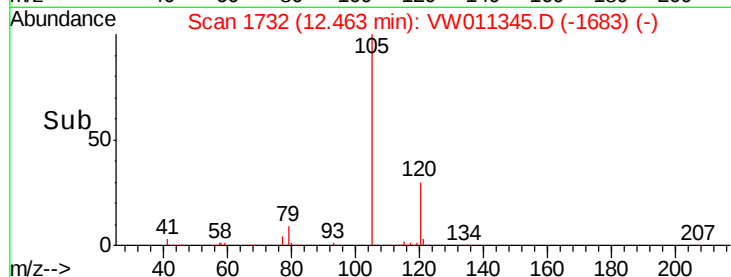
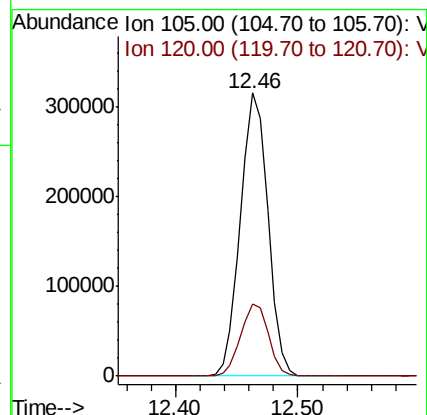
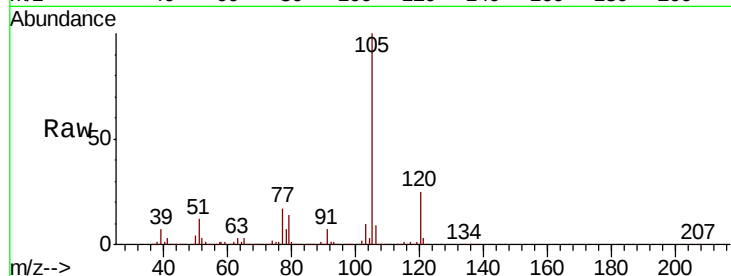
ClientSampleId :

Tot Ion:105 Resp: 492195

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 49.960 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Tgt Ion: 43 Resp: 170470

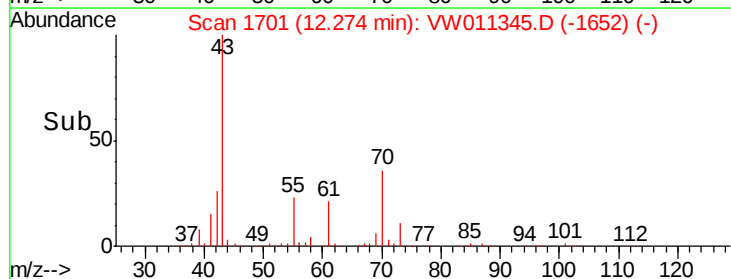
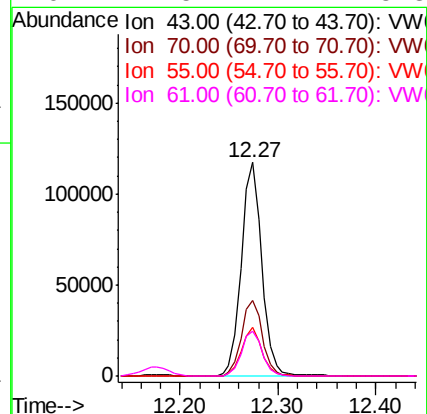
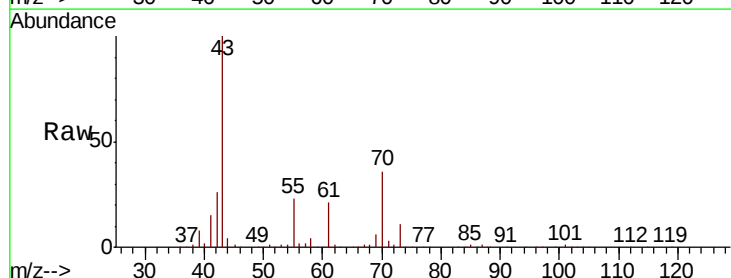
Ion Ratio Lower Upper

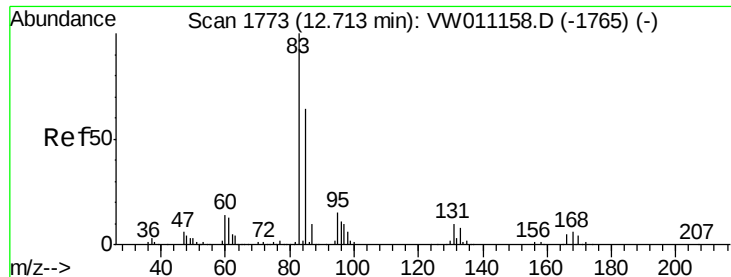
43 100

70 36.3 28.5 42.7

55 23.0 18.1 27.1

61 21.5 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.896 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

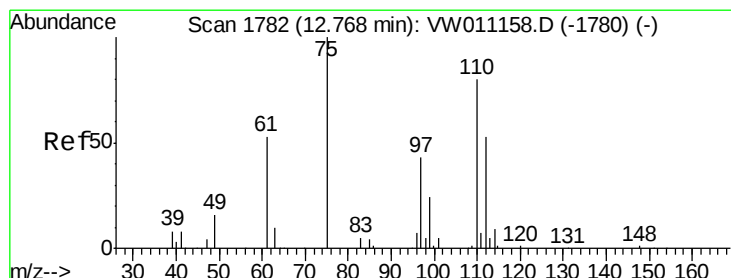
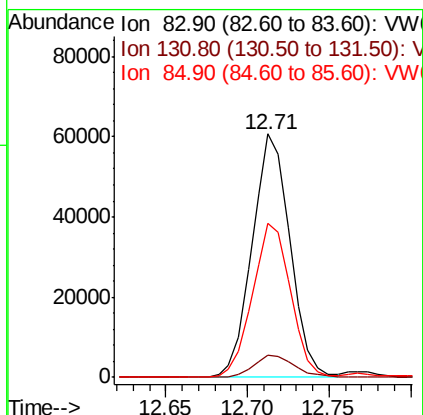
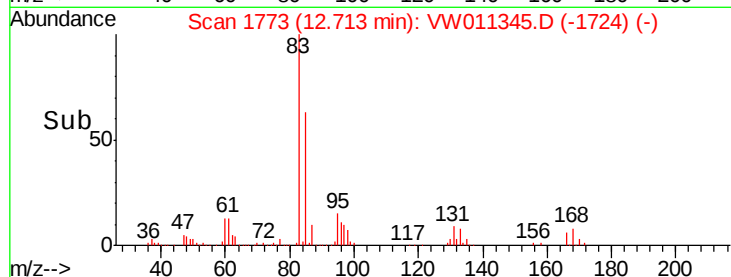
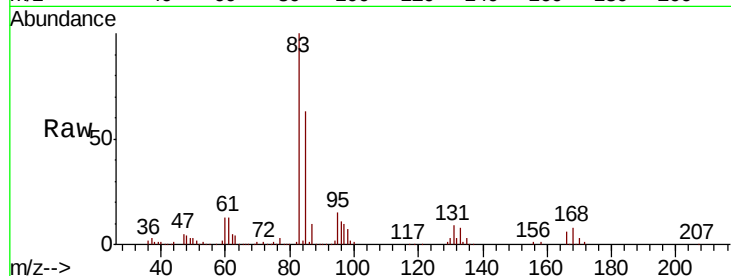
Tot Ion: 83 Resp: 98196

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 63.7 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 83.757 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011345.D

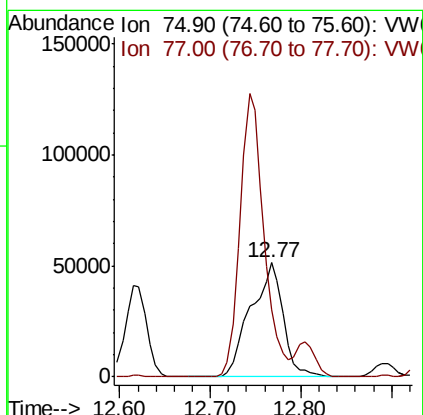
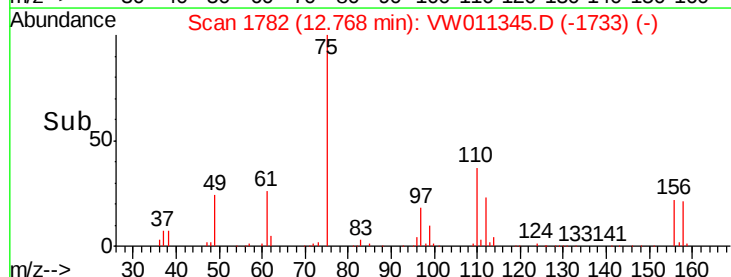
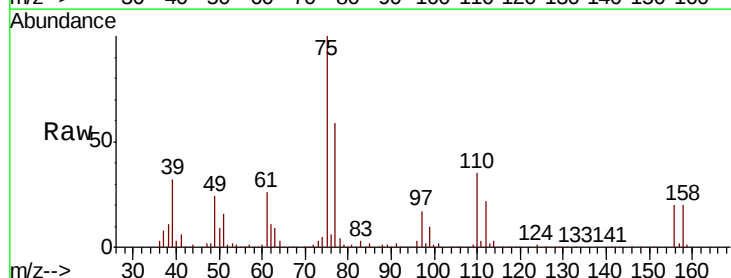
Acq: 18 Jul 2019 20:14

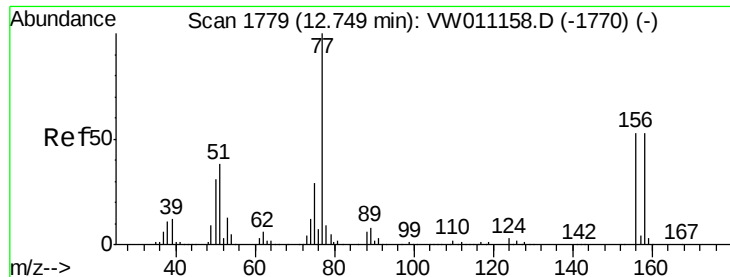
Tgt Ion: 75 Resp: 126854

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.765 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

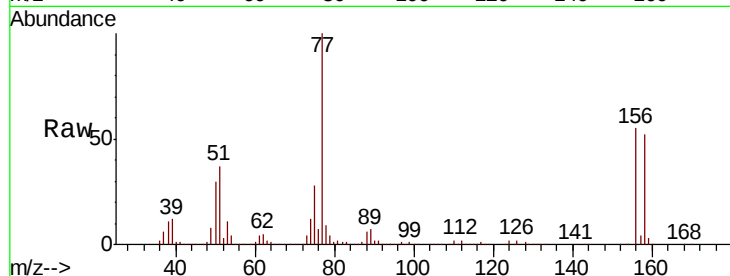
Tot Ion:156 Resp: 109416

Ion Ratio Lower Upper

156 100

77 214.1 109.0 327.0

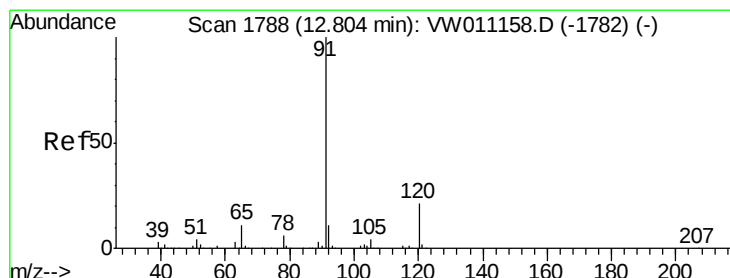
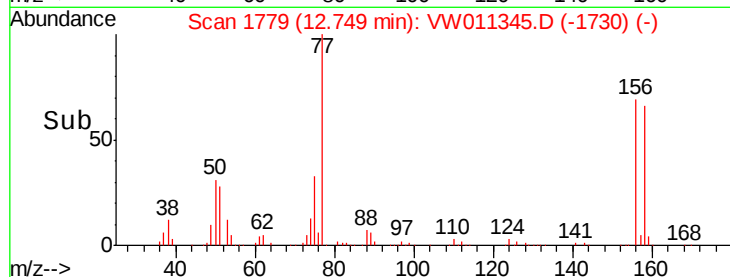
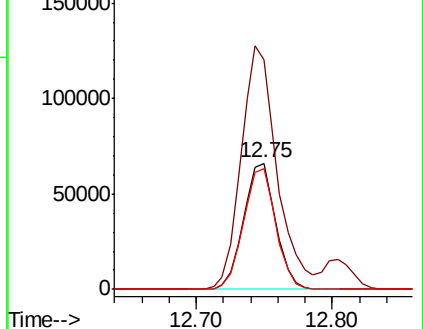
158 95.9 48.8 146.3



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: 49.693 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011345.D

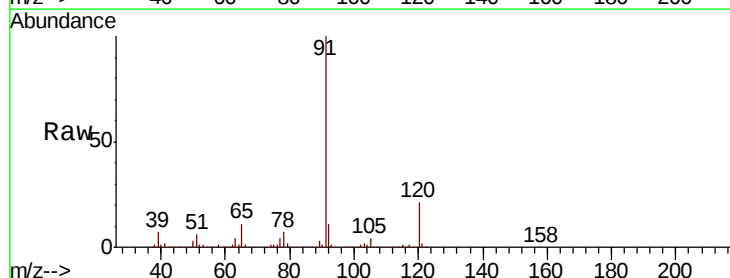
Acq: 18 Jul 2019 20:14

Tgt Ion: 91 Resp: 599728

Ion Ratio Lower Upper

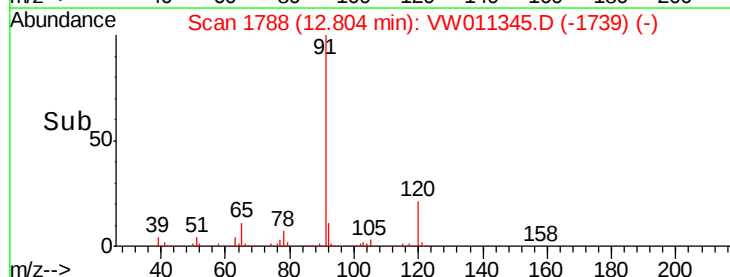
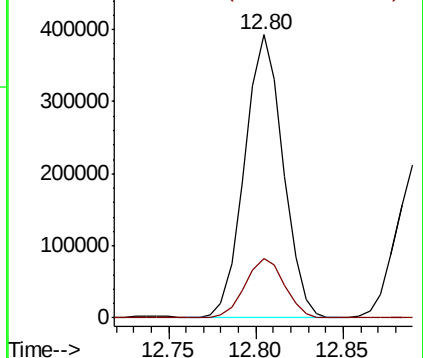
91 100

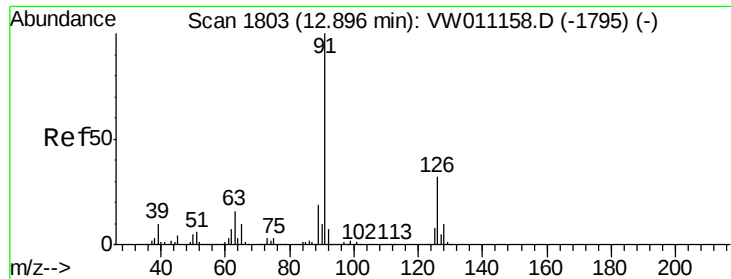
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.652 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

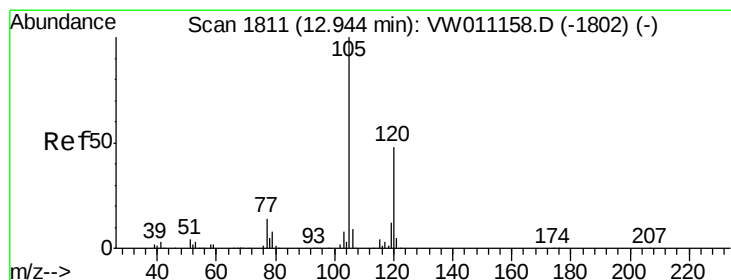
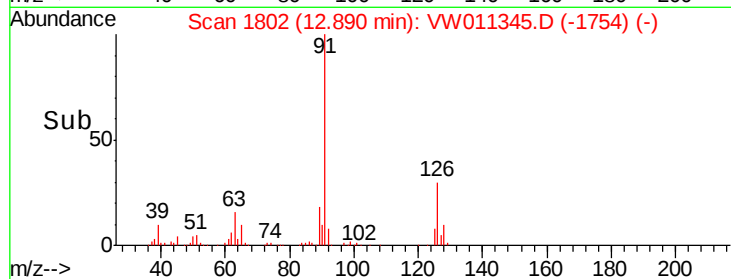
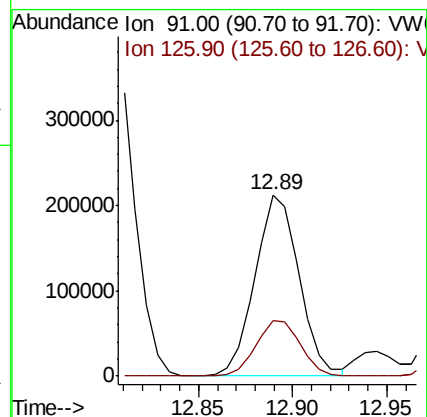
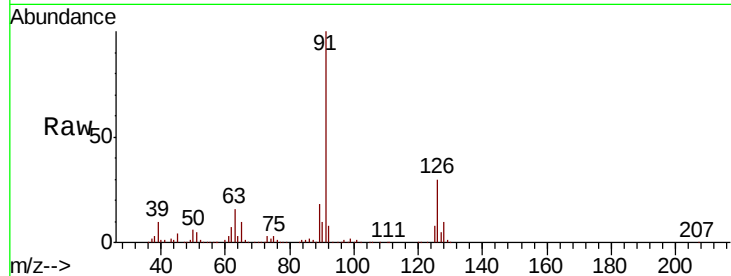
ClientSampleId :

Tot Ion: 91 Resp: 344829

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 49.802 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011345.D

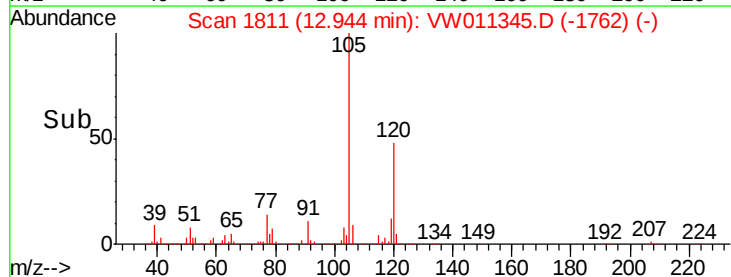
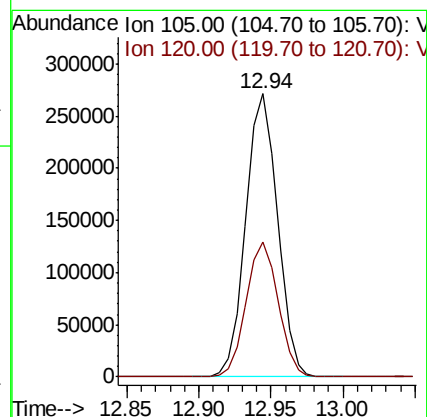
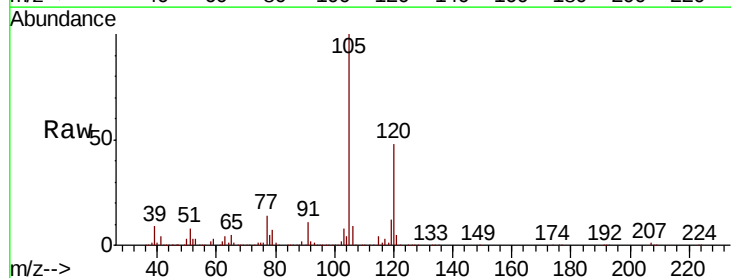
Acq: 18 Jul 2019 20:14

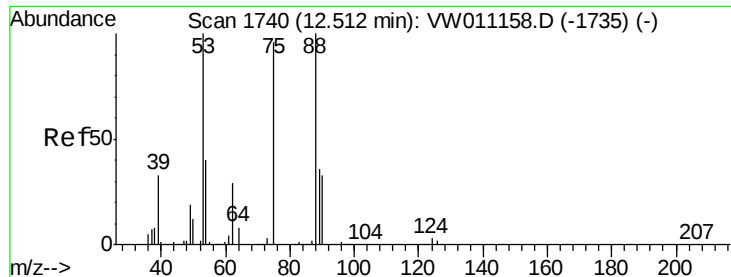
Tgt Ion:105 Resp: 414513

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 42.479 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

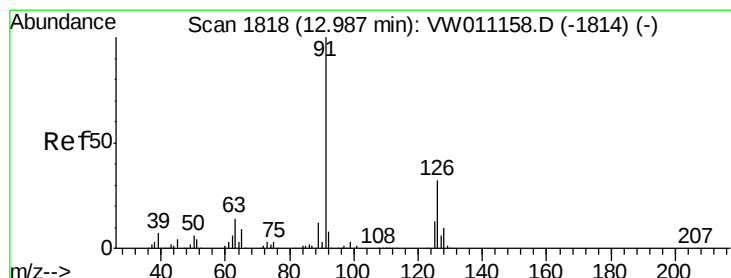
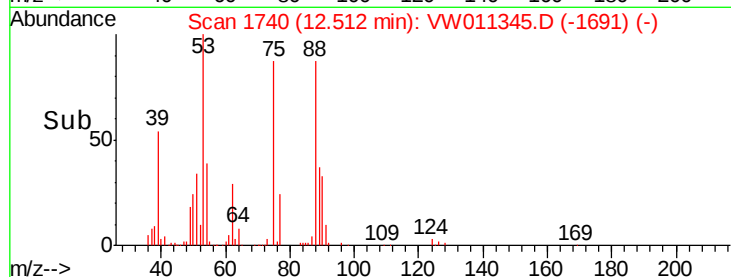
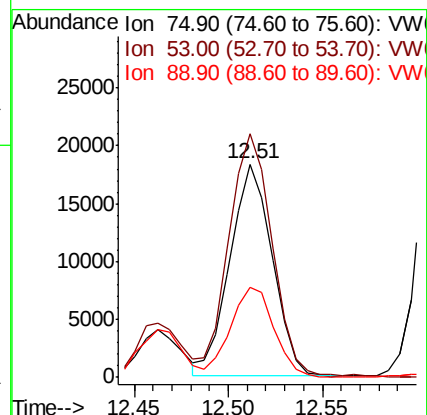
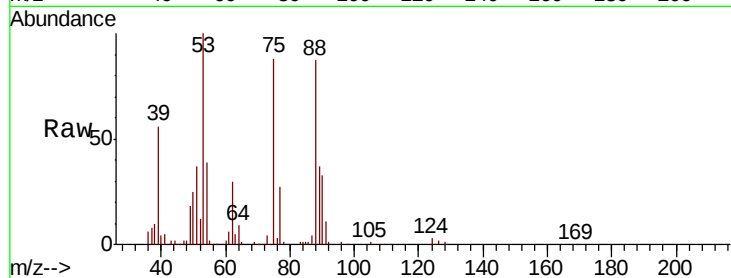
Tot Ion: 75 Resp: 28445

Ion Ratio Lower Upper

75 100

53 119.7 89.8 134.6

89 43.7 34.3 51.5



#82

4-Chlorotoluene

Concen: 48.630 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011345.D

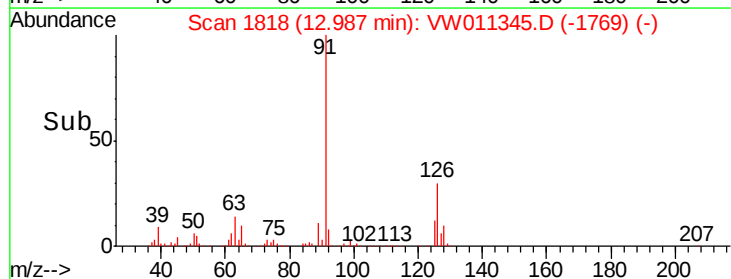
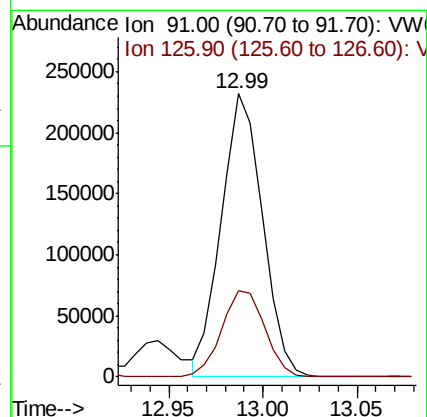
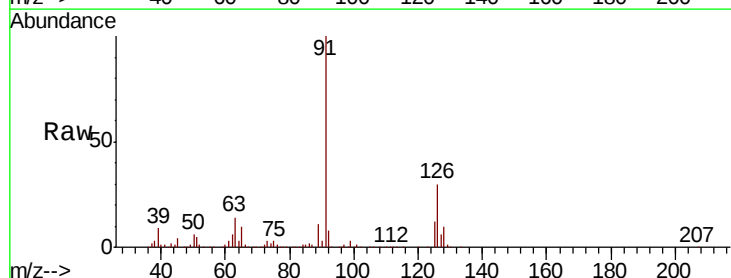
Acq: 18 Jul 2019 20:14

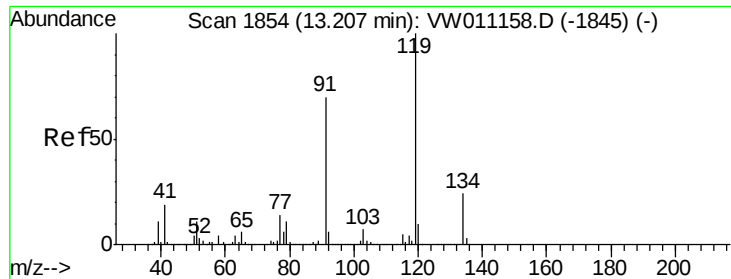
Tgt Ion: 91 Resp: 351766

Ion Ratio Lower Upper

91 100

126 32.1 15.7 47.1

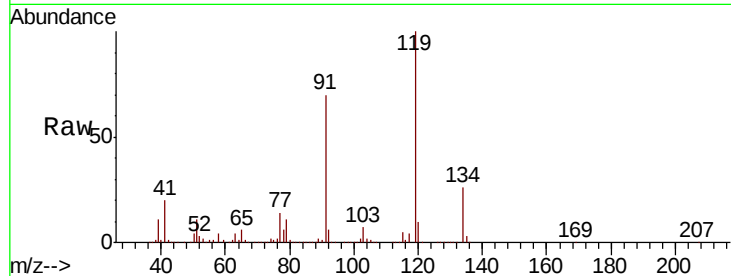




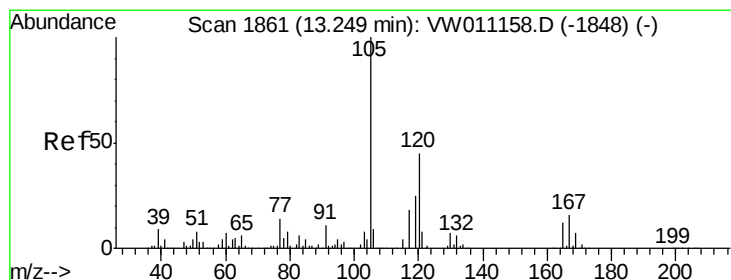
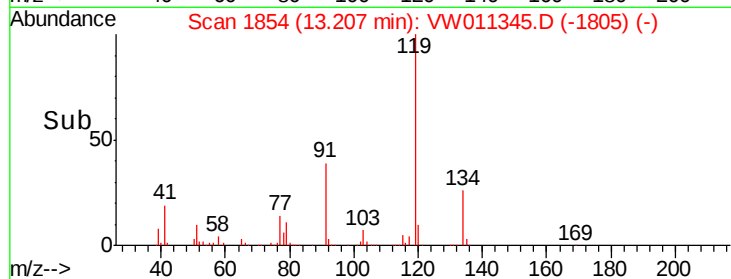
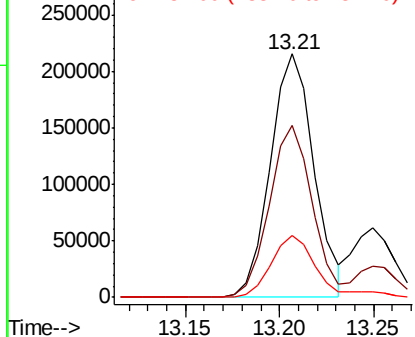
#83
tert-Butylbenzene
Concen: 49.682 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 344867
Ion Ratio Lower Upper
119 100
91 69.3 35.4 106.3
134 27.0 13.4 40.2

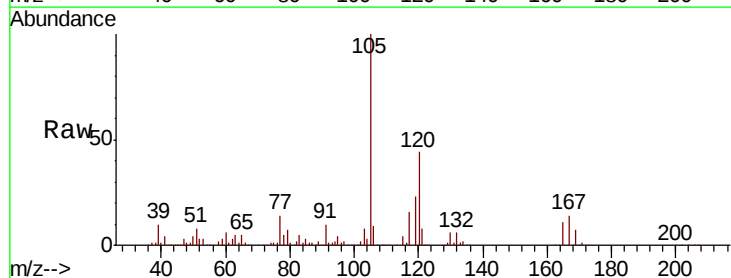


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

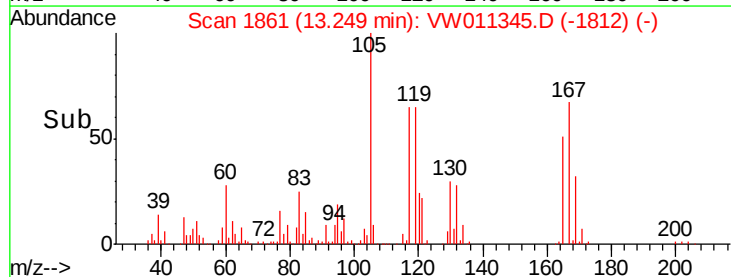
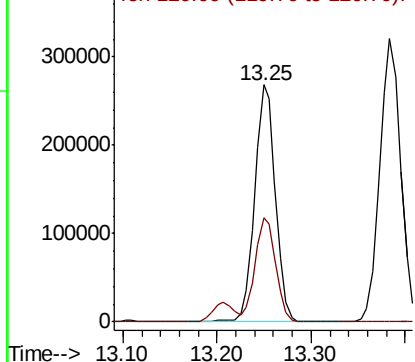


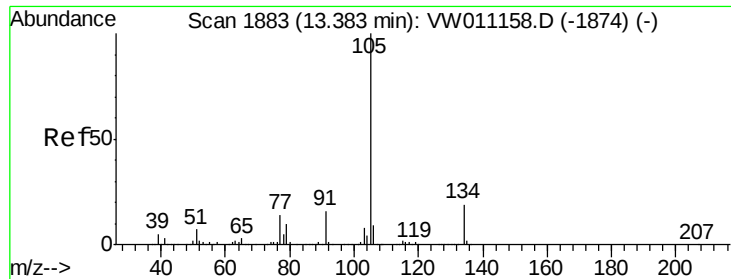
#84
1,2,4-Trimethylbenzene
Concen: 49.739 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:105 Resp: 415693
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.9



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





#85

sec-Butylbenzene

Concen: 49.054 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

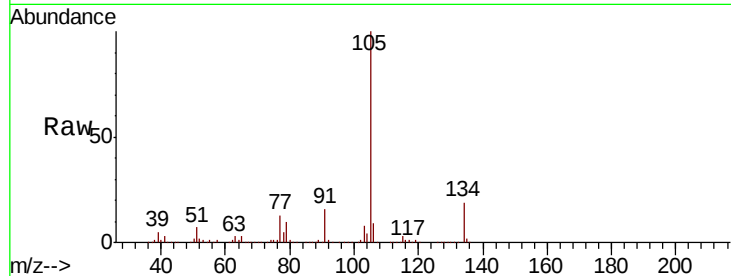
ClientSampleId :

Tot Ion:105 Resp: 491335

Ion Ratio Lower Upper

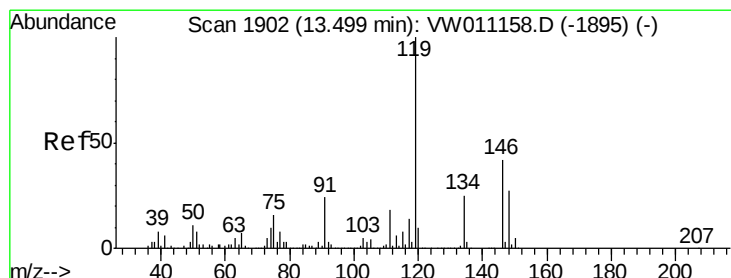
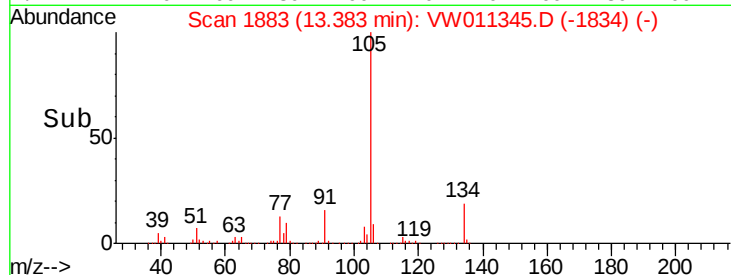
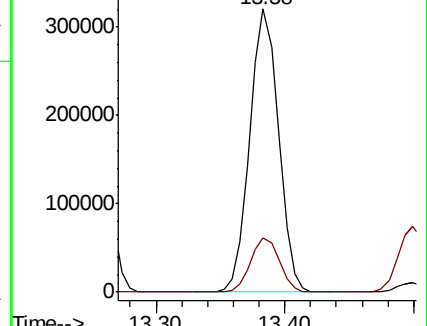
105 100

134 19.3 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: 49.181 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

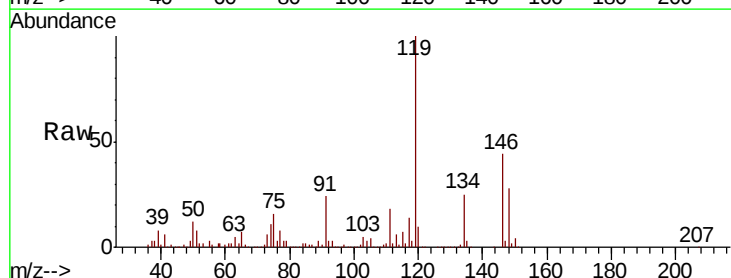
Tgt Ion:119 Resp: 441830

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

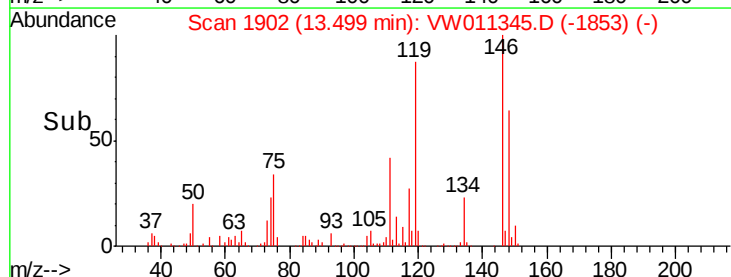
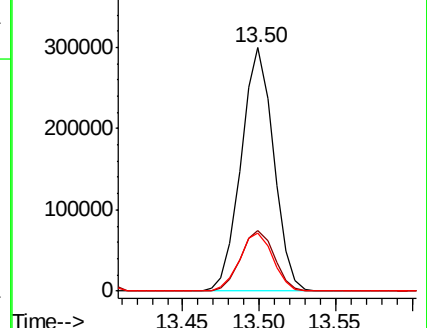
91 24.4 12.3 36.8

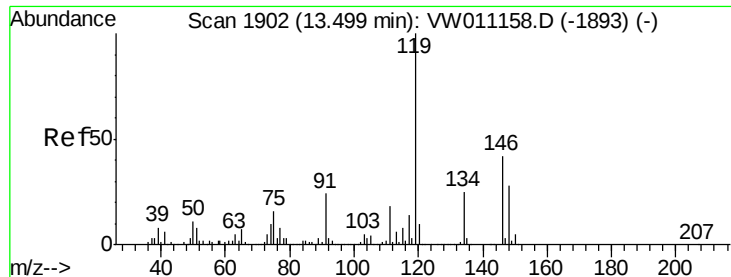


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

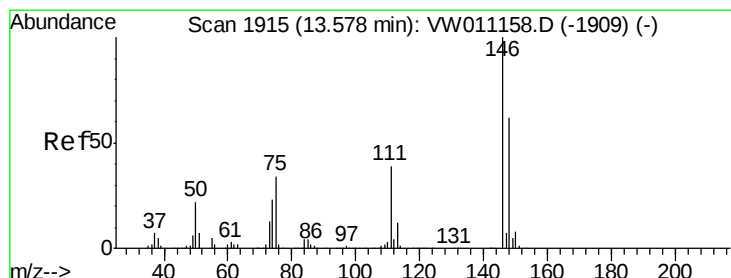
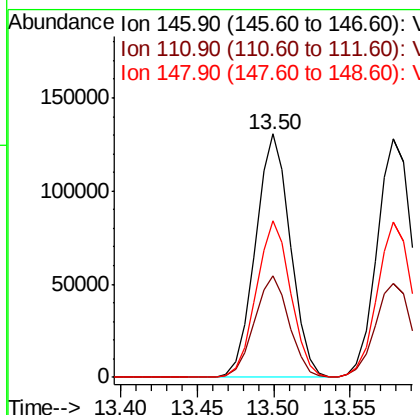
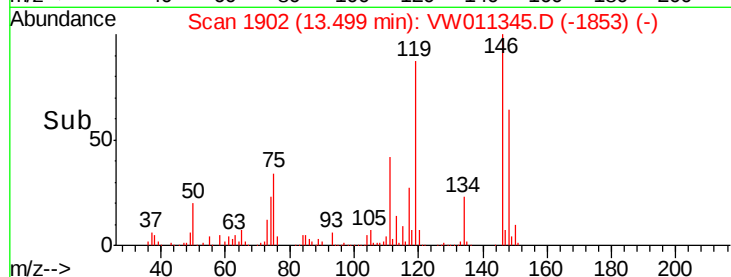
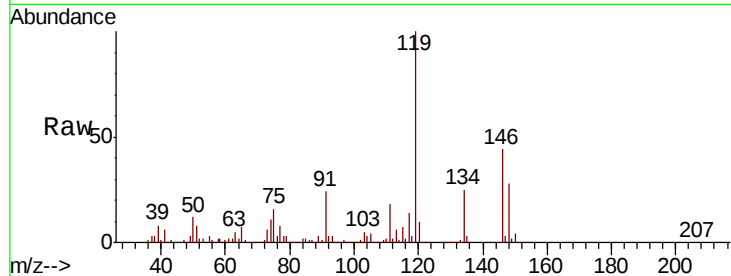




#87
 1,3-Dichlorobenzene
 Concen: 49.052 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

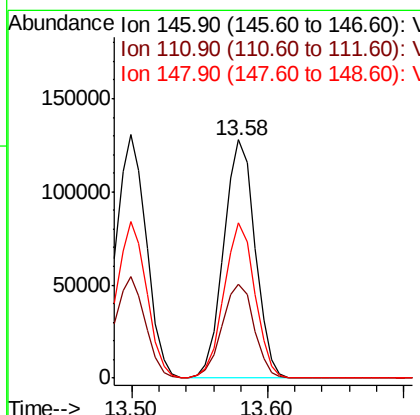
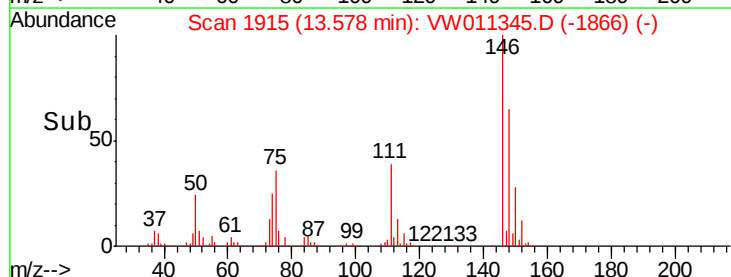
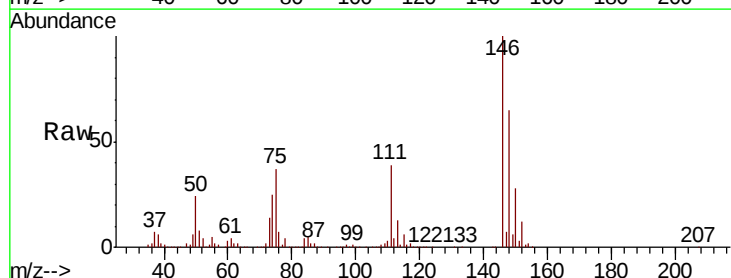
Instrument :
 MSVOA_W
 ClientSampleId :

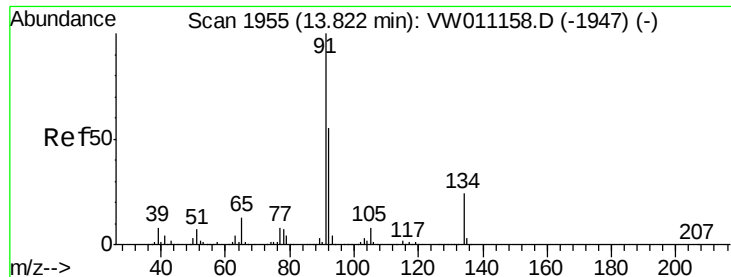
Tot Ion:146 Resp: 207501
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.1
 148 63.2 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 48.088 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion:146 Resp: 204841
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 48.386 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011345.D

Acq: 18 Jul 2019 20:14

Instrument :

MSVOA_W

ClientSampleId :

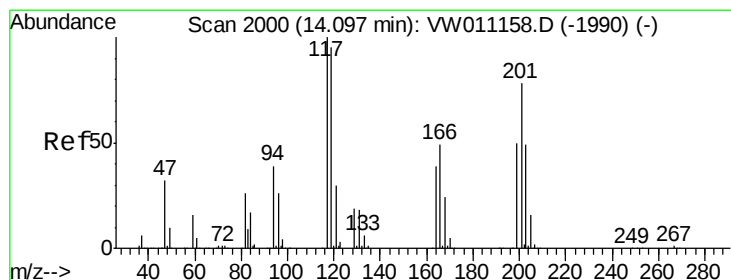
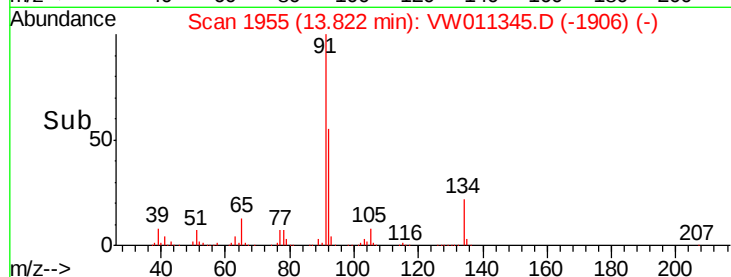
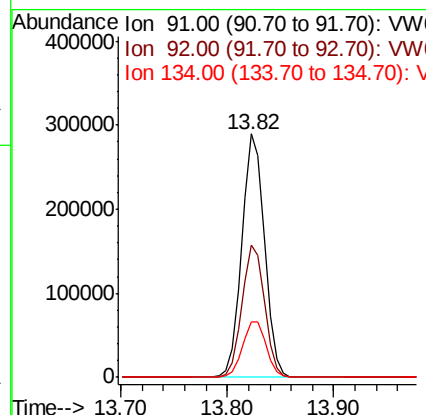
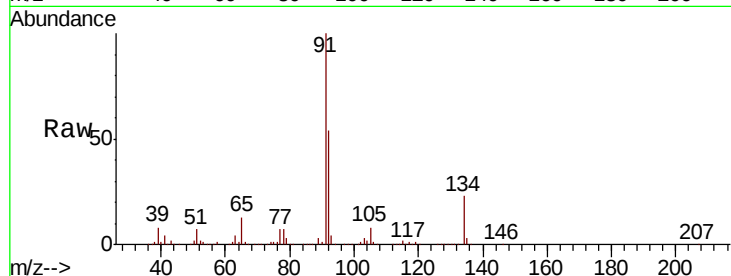
Tot Ion: 91 Resp: 433635

Ion Ratio Lower Upper

91 100

92 54.2 26.9 80.7

134 23.9 12.2 36.4



#90

Hexachloroethane

Concen: 47.510 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011345.D

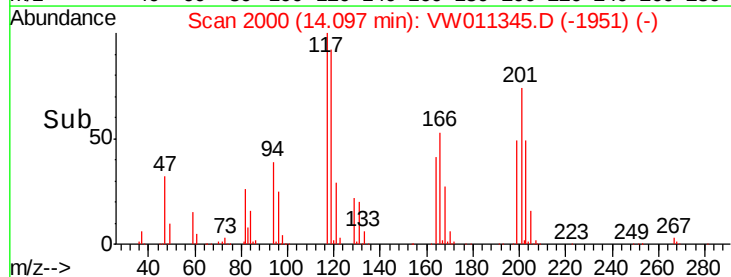
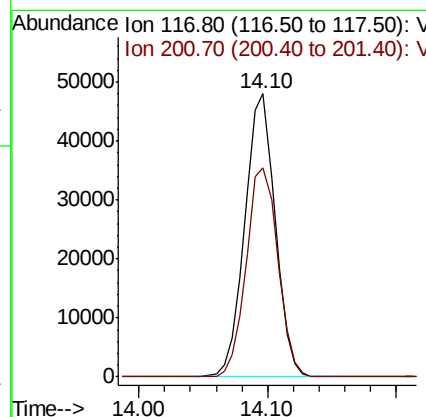
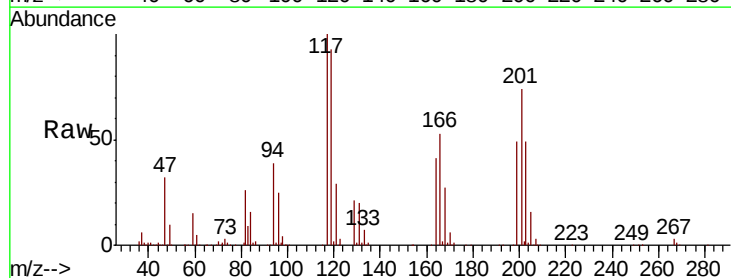
Acq: 18 Jul 2019 20:14

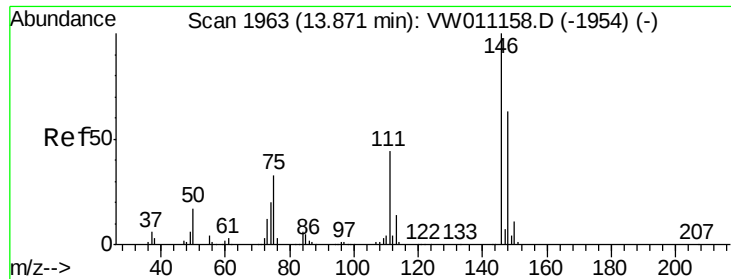
Tgt Ion: 117 Resp: 77994

Ion Ratio Lower Upper

117 100

201 77.1 38.3 114.8

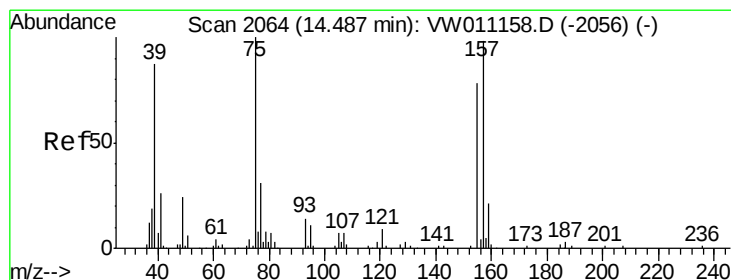
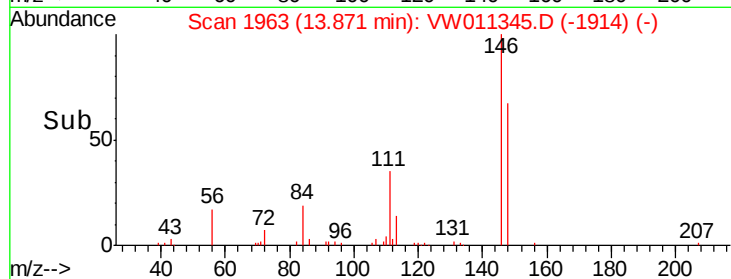
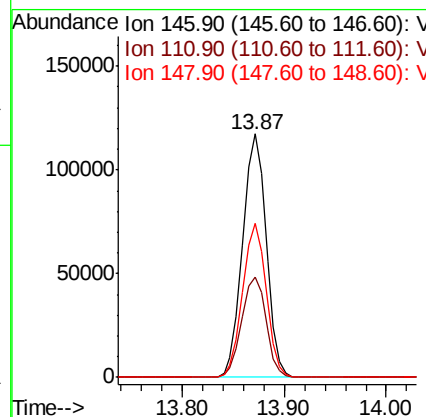
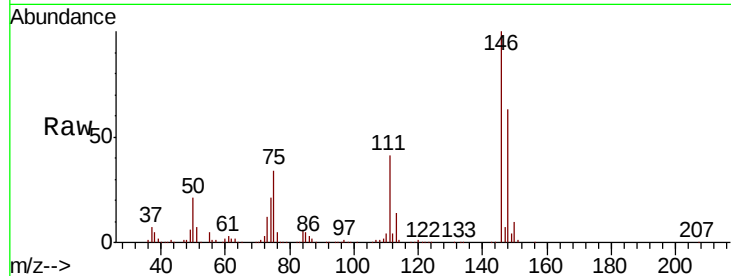




#91
 1,2-Dichlorobenzene
 Concen: 48.816 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

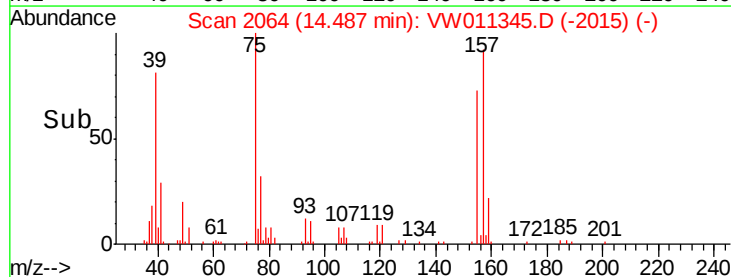
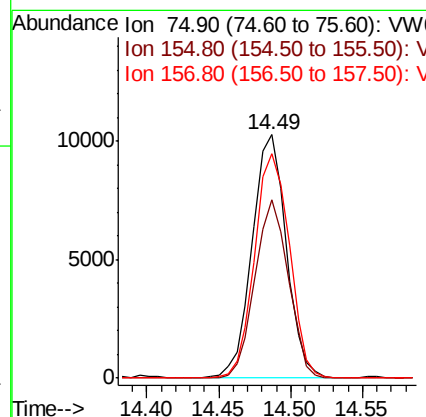
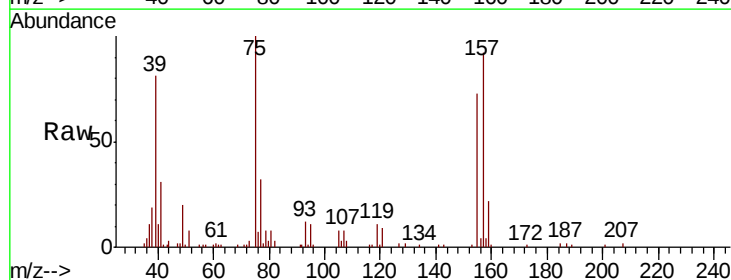
Instrument :
 MSVOA_W
 ClientSampleId :

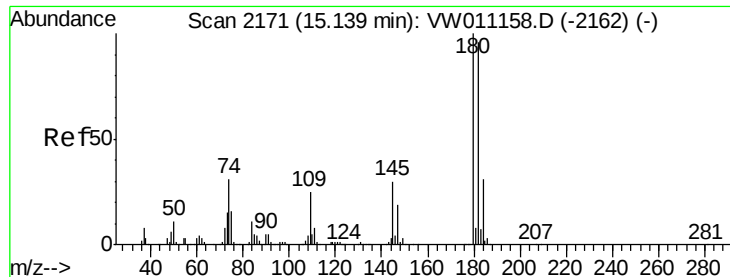
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	65.0
148	63.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.268 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	37.1	111.3
157	94.0	48.5	145.6

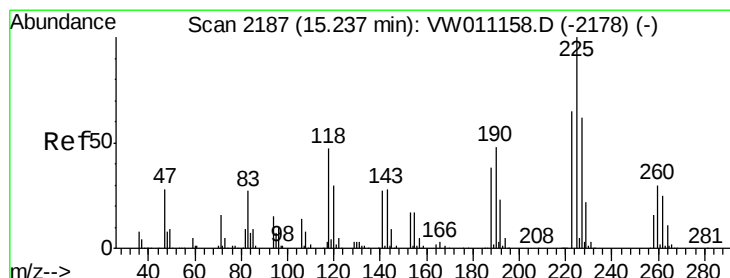
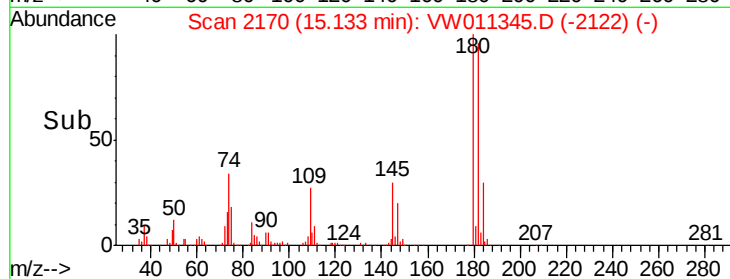
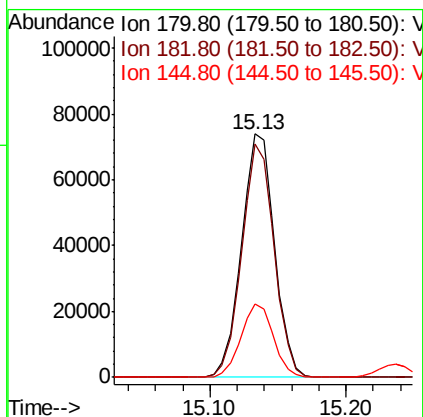
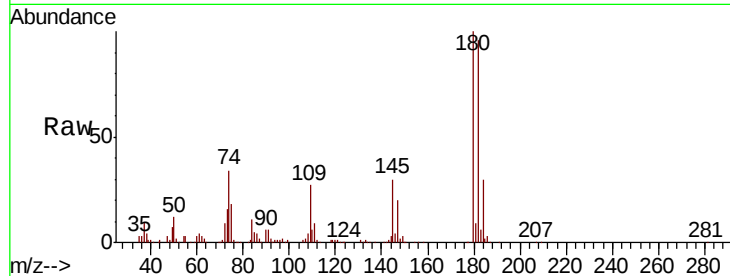




#93
 1,2,4-Trichlorobenzene
 Concen: 47.211 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

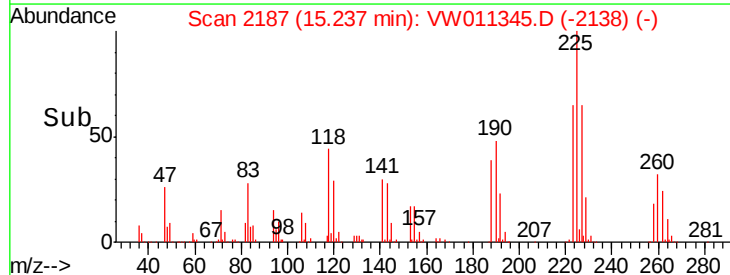
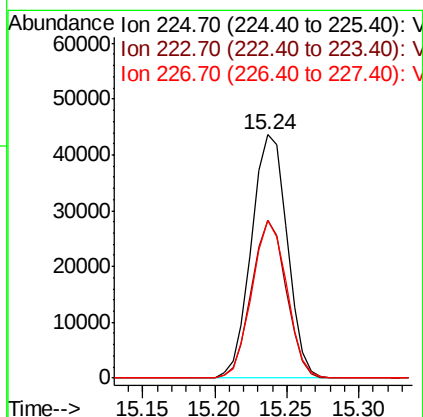
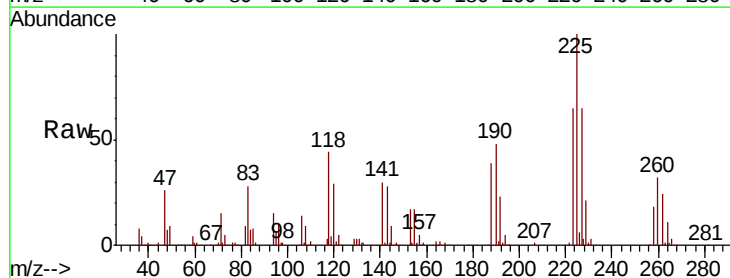
Instrument :
 MSVOA_W
 ClientSampleId :

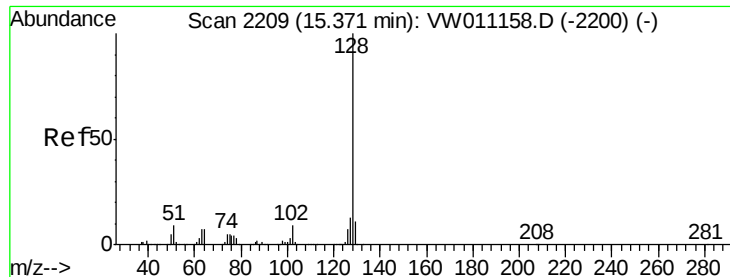
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.3	144.9
145	29.7	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 46.031 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011345.D
 Acq: 18 Jul 2019 20:14

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

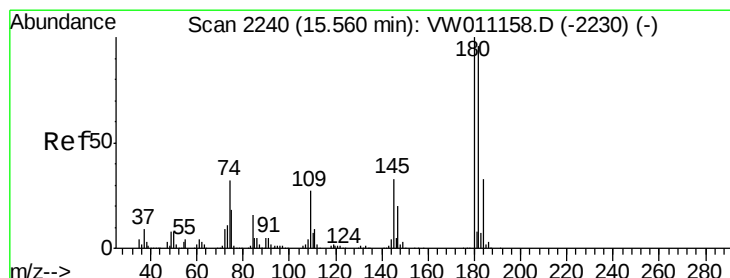
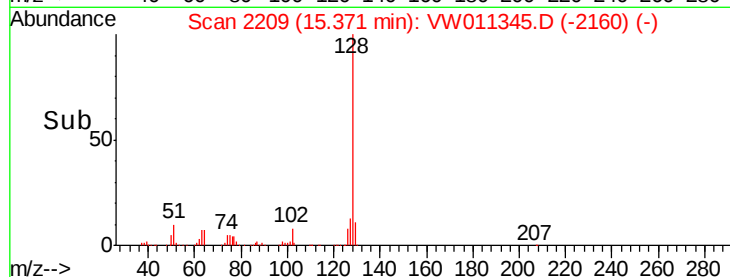
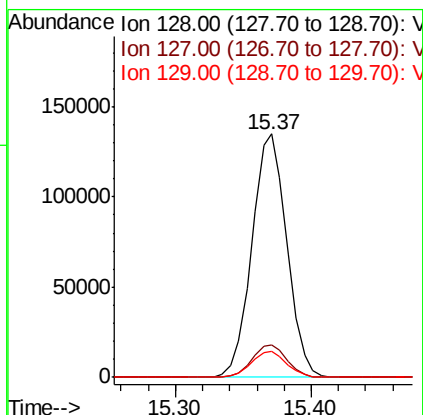
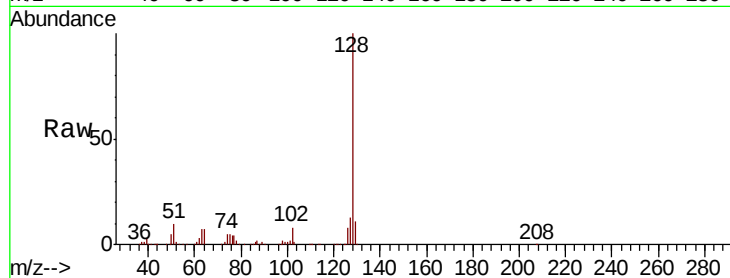




#95
Naphthalene
Concen: 47.799 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 242116
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.361 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011345.D
Acq: 18 Jul 2019 20:14

Tgt Ion:180 Resp: 108153
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.8
145 32.2 16.5 49.5

