

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011445.D
 Acq On : 23 Jul 2019 21:48
 Operator : SY/VA
 Sample : VW0724WSBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724WSBSD01

Quant Time: Jul 24 06:39:20 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	226121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163511	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116710	41.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.16%	
35) Dibromofluoromethane	7.88	113	94252	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
50) Toluene-d8	10.32	98	371145	40.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.64%	
62) 4-Bromofluorobenzene	12.62	95	137676	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27089	16.063	ug/l	94
3) Chloromethane	2.21	50	44764	20.600	ug/l	95
4) Vinyl Chloride	2.35	62	51956	18.267	ug/l	95
5) Bromomethane	2.76	94	26227	18.351	ug/l	95
6) Chloroethane	2.92	64	28372	18.520	ug/l	99
7) Trichlorofluoromethane	3.25	101	20728	20.514	ug/l	99
8) Diethyl Ether	3.68	74	27909	19.963	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44218	18.270	ug/l	99
10) Methyl Iodide	4.28	142	63157	18.973	ug/l	99
11) Tert butyl alcohol	5.18	59	21788	103.575	ug/l	95
12) 1,1-Dichloroethene	4.04	96	46341	18.448	ug/l	88
13) Acrolein	3.90	56	11896	71.017	ug/l	99
14) Allyl chloride	4.66	41	97459	21.276	ug/l	99
15) Acrylonitrile	5.37	53	70146	98.518	ug/l	97
16) Acetone	4.12	43	65022	95.110	ug/l	100
17) Carbon Disulfide	4.38	76	131310	17.242	ug/l	99
18) Methyl Acetate	4.67	43	50512	25.283	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	80759	21.188	ug/l	97
20) Methylene Chloride	4.92	84	56876	21.089	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51349	19.673	ug/l	96
22) Diisopropyl ether	6.31	45	205640	20.872	ug/l	98
23) Vinyl Acetate	6.25	43	566629	92.932	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104750	20.247	ug/l	97
25) 2-Butanone	7.17	43	103413	96.364	ug/l	97
26) 2,2-Dichloropropane	7.16	77	58901	21.902	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	57828	20.538	ug/l	97
28) Bromochloromethane	7.51	49	47939	20.379	ug/l #	100
29) Tetrahydrofuran	7.53	42	65441	92.999	ug/l	99
30) Chloroform	7.67	83	98652	20.590	ug/l	99
31) Cyclohexane	7.95	56	100375	18.237	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	72301	19.838	ug/l	99
36) 1,1-Dichloropropene	8.08	75	76995	19.161	ug/l	99
37) Ethyl Acetate	7.25	43	45763	18.955	ug/l	99
38) Carbon Tetrachloride	8.06	117	65096	19.109	ug/l	96

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 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)
39) Methylcyclohexane	9.34	83	87938	18.055	ug/l	99
40) Benzene	8.32	78	223043	20.084	ug/l	99
41) Methacrylonitrile	7.48	41	27518	19.928	ug/l	95
42) 1,2-Dichloroethane	8.40	62	72340	20.081	ug/l	99
43) Isopropyl Acetate	8.42	43	84913	18.628	ug/l	98
44) Trichloroethene	9.09	130	52709	19.724	ug/l	95
45) 1,2-Dichloropropane	9.37	63	60898	20.250	ug/l	97
46) Dibromomethane	9.46	93	28080	19.877	ug/l	98
47) Bromodichloromethane	9.64	83	72058	19.936	ug/l	98
48) Methyl methacrylate	9.43	41	40013	18.246	ug/l	95
49) 1,4-Dioxane	9.46	88	8200	347.754	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	222112	93.280	ug/l	99
52) Toluene	10.39	92	132961	19.737	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	72130	18.747	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86097	19.012	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	39939	19.929	ug/l	96
56) Ethyl methacrylate	10.65	69	57384	18.807	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76070	20.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143181	101.222	ug/l	99
59) 2-Hexanone	10.97	43	149665	90.634	ug/l	98
60) Dibromochloromethane	11.13	129	43834	19.946	ug/l	98
61) 1,2-Dibromoethane	11.23	107	36974	19.477	ug/l	99
64) Tetrachloroethene	10.86	164	45931	20.197	ug/l	98
65) Chlorobenzene	11.66	112	135257	19.739	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	47706	19.773	ug/l	99
67) Ethyl Benzene	11.73	91	257267	19.612	ug/l	97
68) m/p-Xylenes	11.83	106	187903	39.588	ug/l	100
69) o-Xylene	12.16	106	88115	19.697	ug/l	99
70) Styrene	12.18	104	152714	19.780	ug/l	100
71) Bromoform	12.35	173	24188	18.856	ug/l #	97
73) Isopropylbenzene	12.46	105	243493	19.921	ug/l	100
74) N-amyl acetate	12.27	43	76998	18.087	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49394	19.714	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61174	32.374	ug/l #	100
77) Bromobenzene	12.74	156	55752	20.325	ug/l	97
78) n-propylbenzene	12.80	91	297772	19.776	ug/l	100
79) 2-Chlorotoluene	12.89	91	169727	19.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	205687	19.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13349	15.979	ug/l	97
82) 4-Chlorotoluene	12.99	91	178653	19.796	ug/l	99
83) tert-Butylbenzene	13.21	119	172025	19.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	207647	19.915	ug/l	99
85) sec-Butylbenzene	13.38	105	244990	19.605	ug/l	99
86) p-Isopropyltoluene	13.50	119	221025	19.720	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105546	19.999	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	106943	20.123	ug/l	98
89) n-Butylbenzene	13.82	91	216881	19.397	ug/l	100
90) Hexachloroethane	14.10	117	39277	19.177	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	97267	20.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8207	18.466	ug/l	95

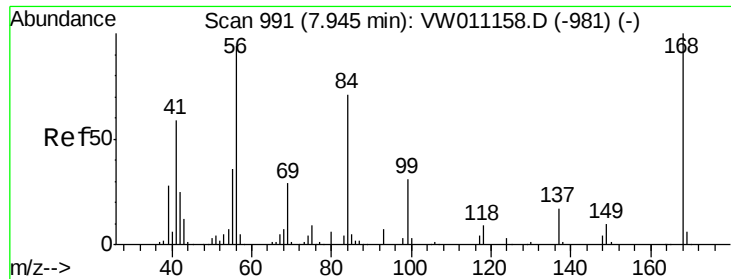
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64902	19.680	ug/l	100
94) Hexachlorobutadiene	15.24	225	39708	19.612	ug/l	99
95) Naphthalene	15.37	128	116463	18.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57365	19.710	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

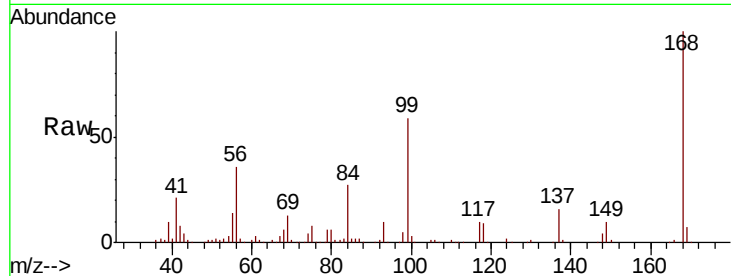
VW0724SBSD01

Tot Ion:168 Resp: 226121

Ion Ratio Lower Upper

168 100

99 58.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

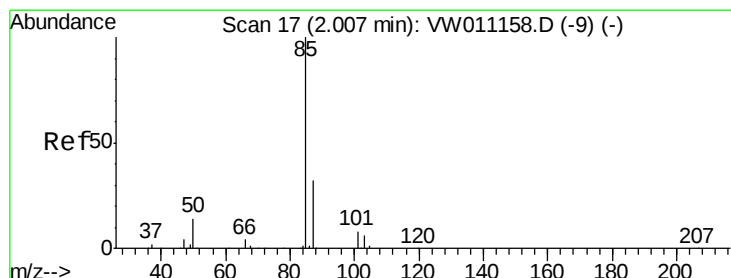
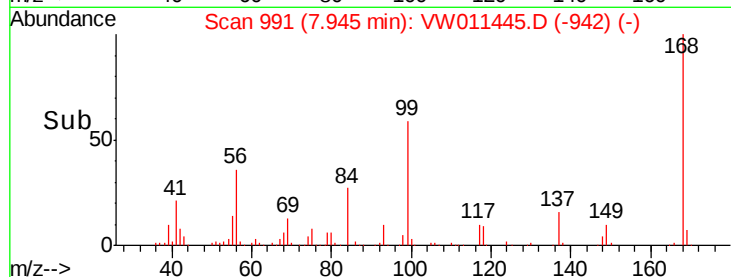
20000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 16.063 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW011445.D

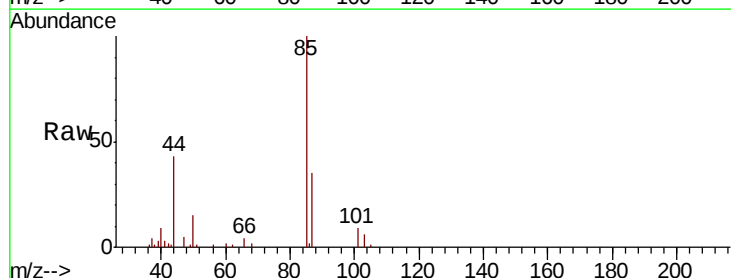
Acq: 23 Jul 2019 21:48

Tgt Ion: 85 Resp: 27089

Ion Ratio Lower Upper

85 100

87 34.8 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

10000

8000

6000

4000

2000

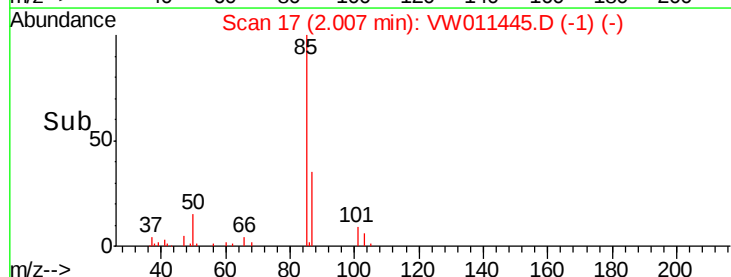
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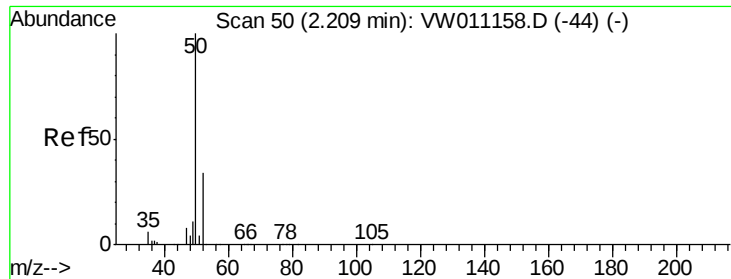
Time-->

1.90

2.00

2.10





#3

Chloromethane

Concen: 20.600 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

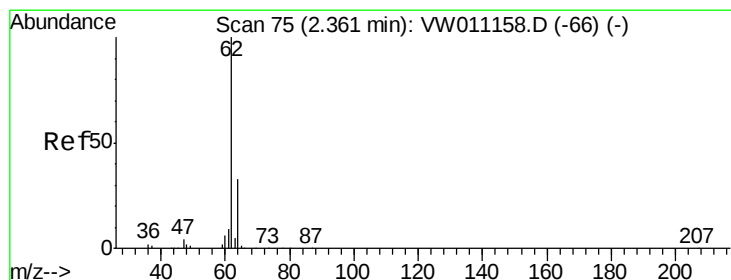
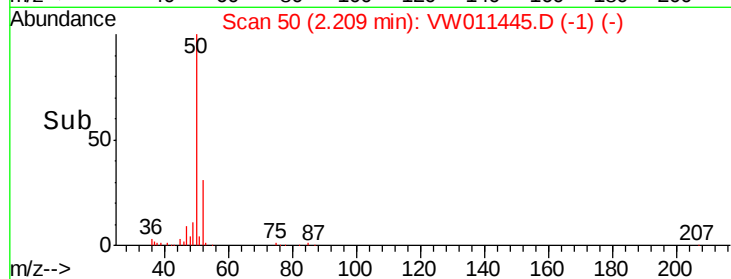
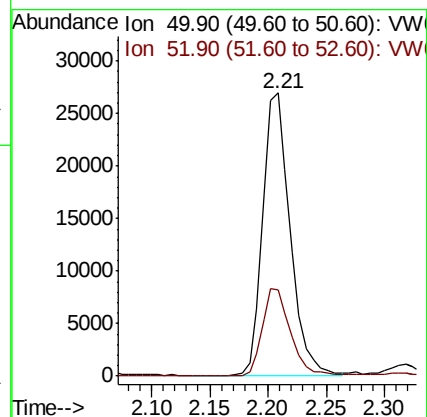
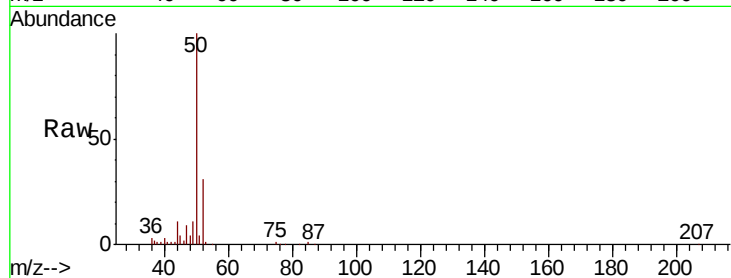
VW0724SBSD01

Tot Ion: 50 Resp: 44764

Ion Ratio Lower Upper

50 100

52 30.6 26.9 40.3



#4

Vinyl Chloride

Concen: 18.267 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011445.D

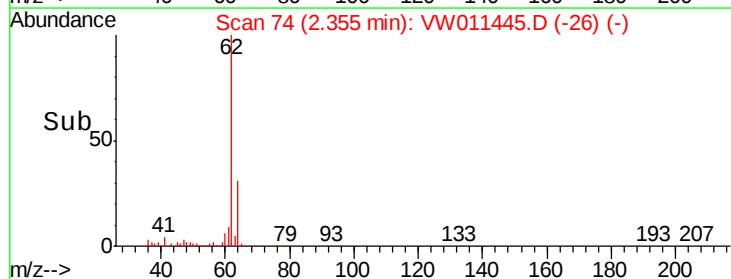
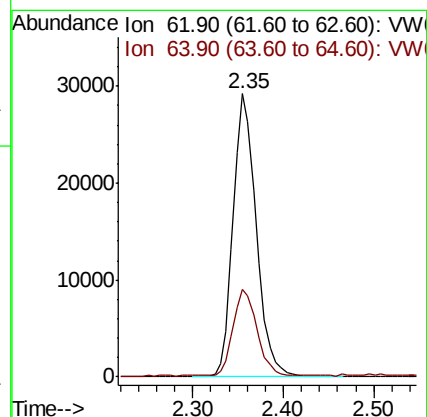
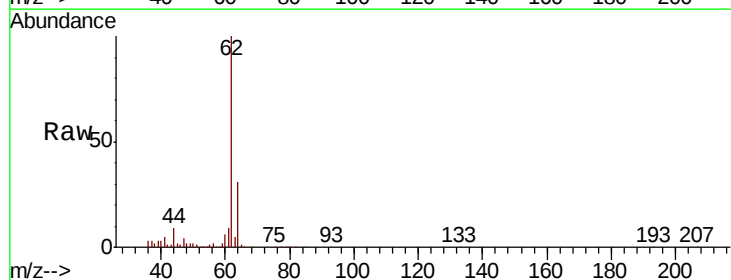
Acq: 23 Jul 2019 21:48

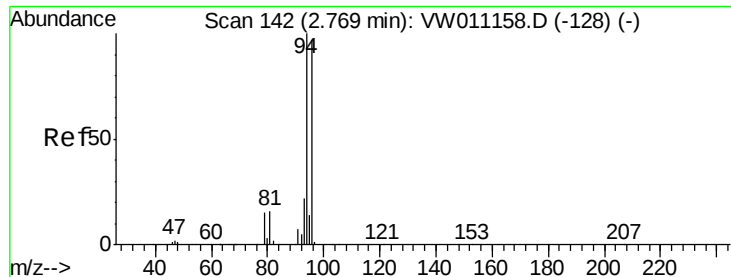
Tgt Ion: 62 Resp: 51956

Ion Ratio Lower Upper

62 100

64 30.3 26.6 40.0





#5

Bromomethane

Concen: 18.351 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

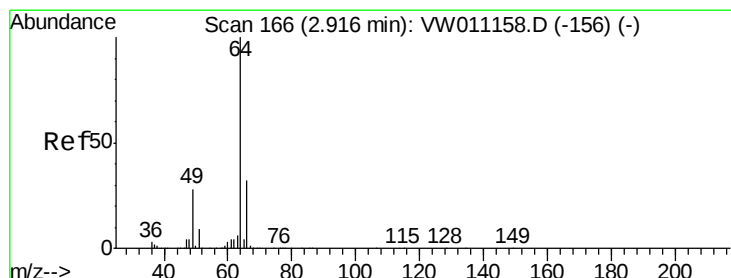
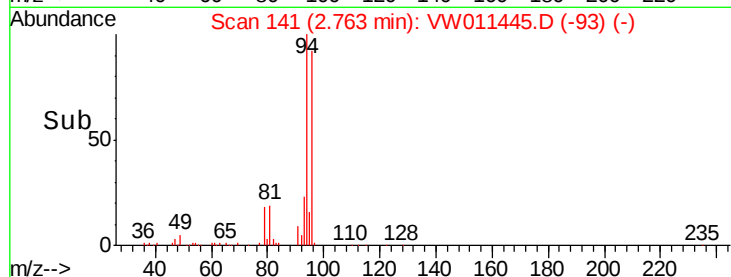
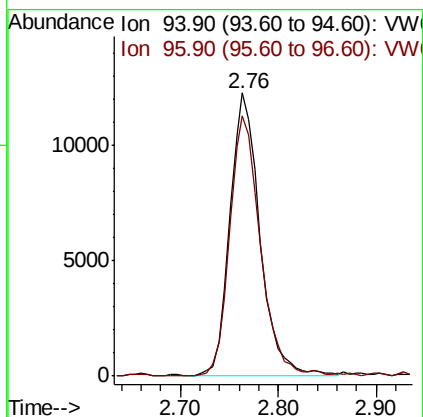
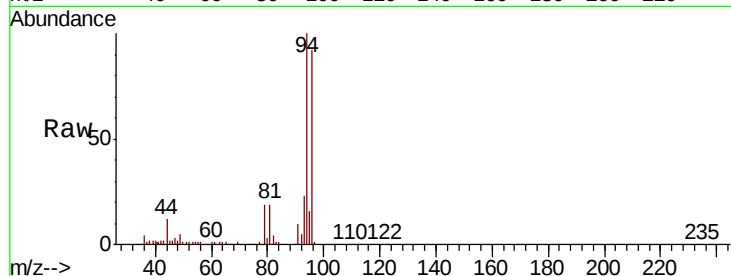
VW0724SBSD01

Tot Ion: 94 Resp: 26227

Ion Ratio Lower Upper

94 100

96 92.1 77.4 116.0



#6

Chloroethane

Concen: 18.520 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW011445.D

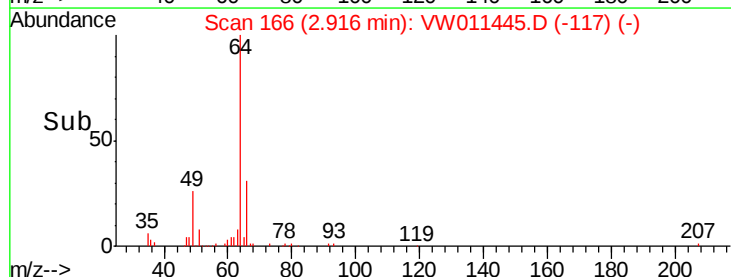
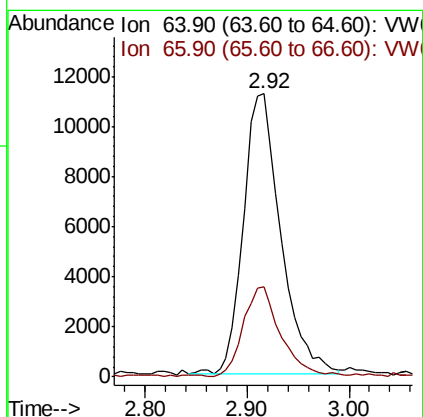
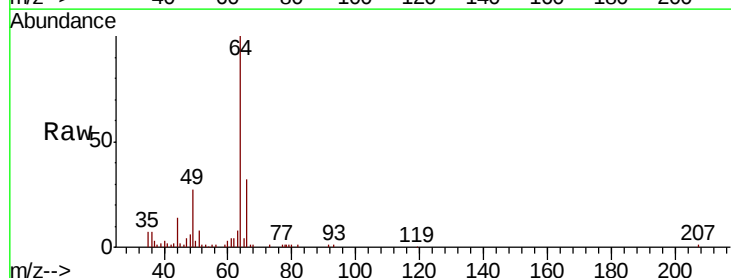
Acq: 23 Jul 2019 21:48

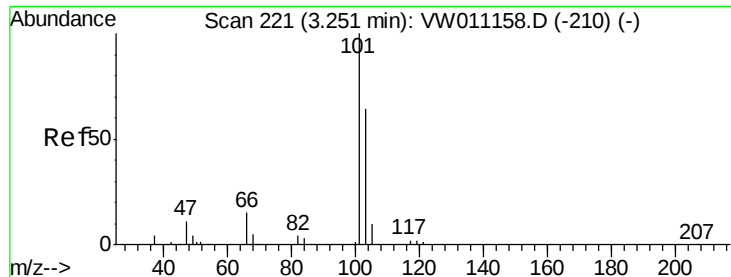
Tgt Ion: 64 Resp: 28372

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.8



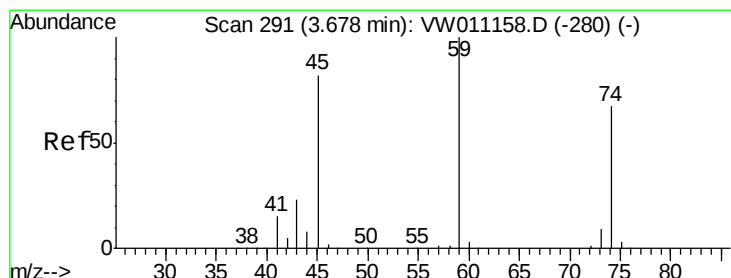
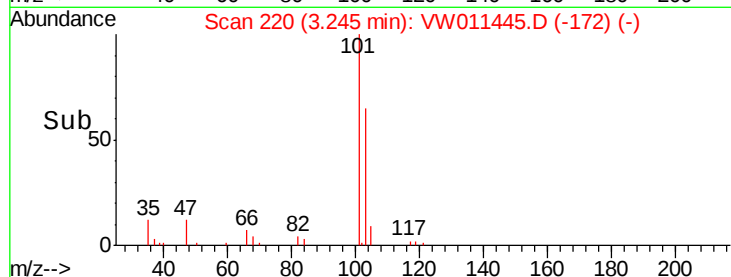
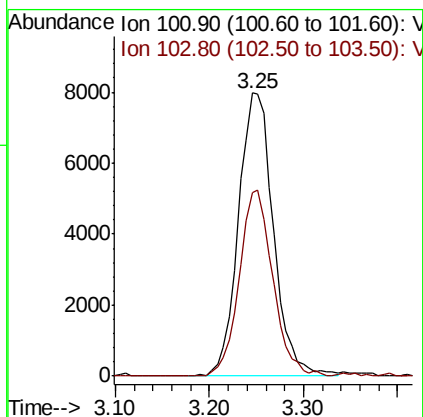
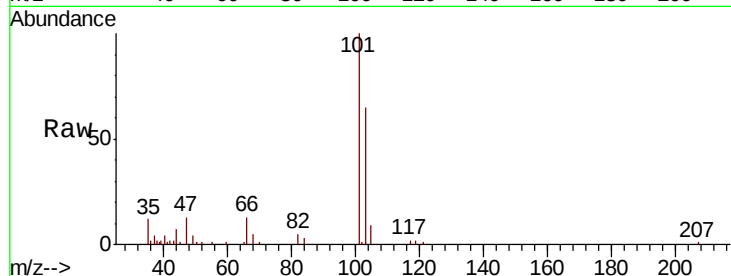


#7

Trichlorofluoromethane
 Concen: 20.514 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

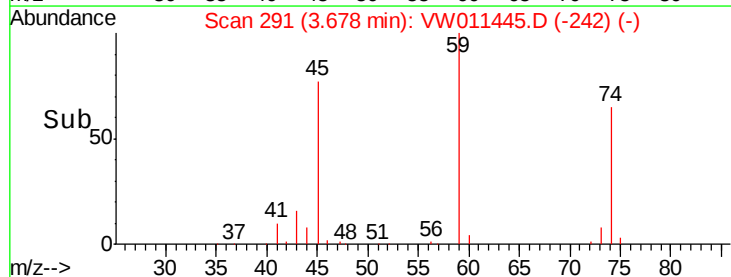
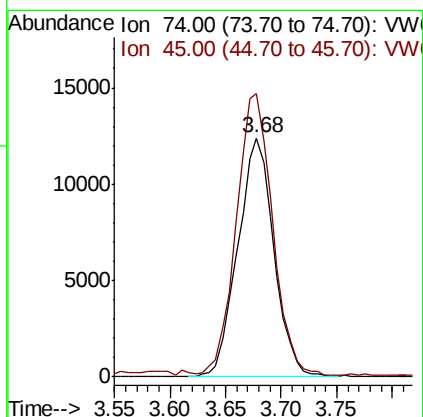
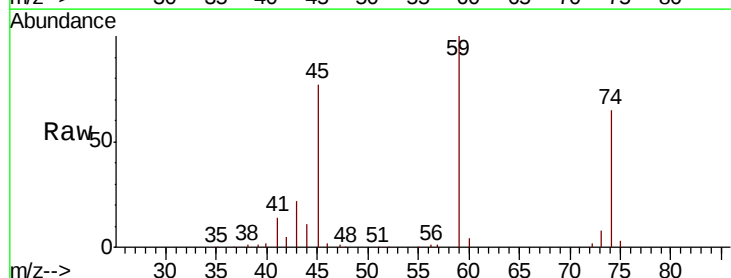
Tot Ion:101 Resp: 20728
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.3 76.9

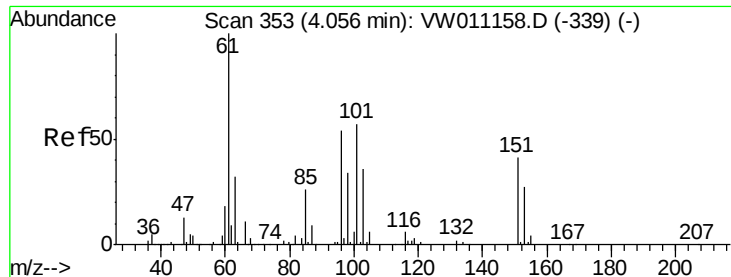


#8

Diethyl Ether
 Concen: 19.963 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 74 Resp: 27909
 Ion Ratio Lower Upper
 74 100
 45 117.9 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.270 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

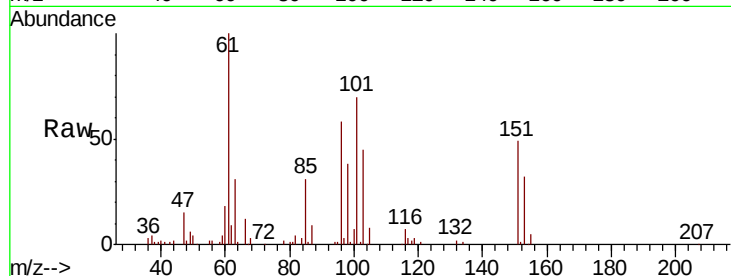
Tot Ion:101 Resp: 44218

Ion Ratio Lower Upper

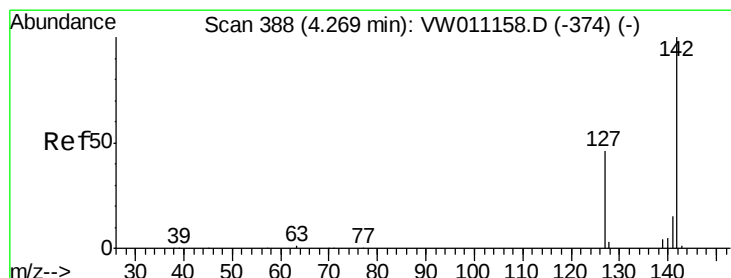
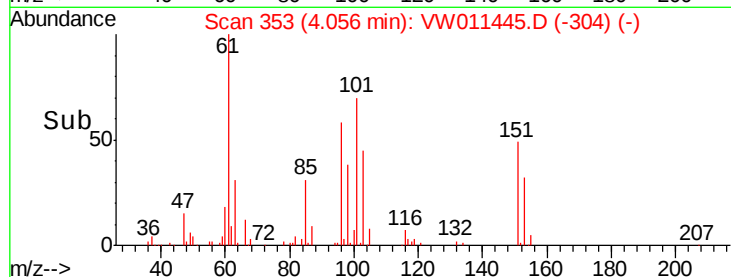
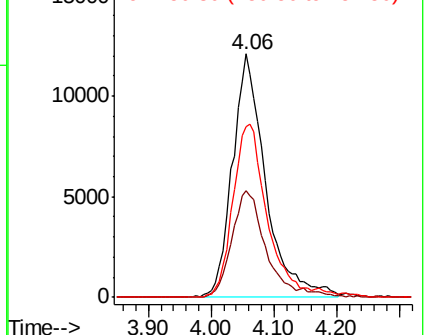
101 100

85 45.4 36.5 54.7

151 72.7 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: 18.973 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

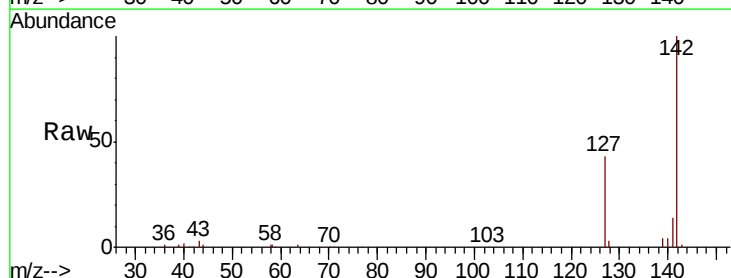
Tgt Ion:142 Resp: 63157

Ion Ratio Lower Upper

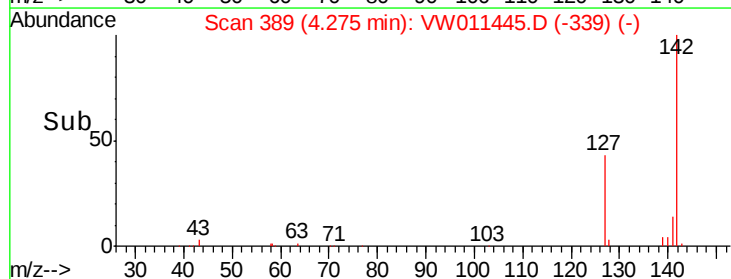
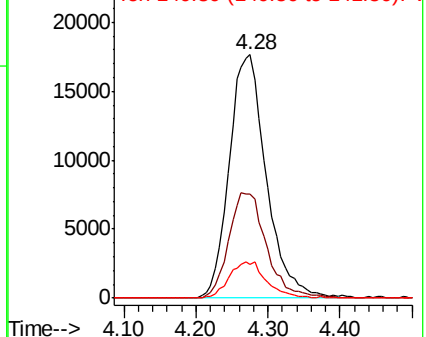
142 100

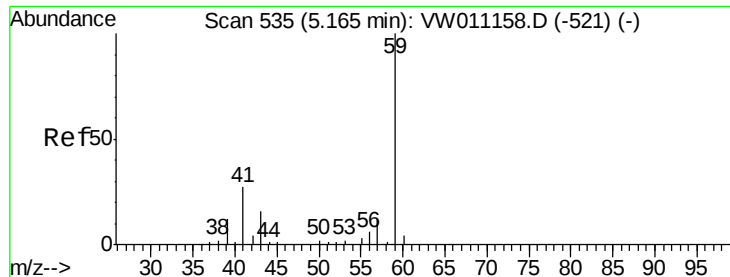
127 43.9 35.7 53.5

141 14.9 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

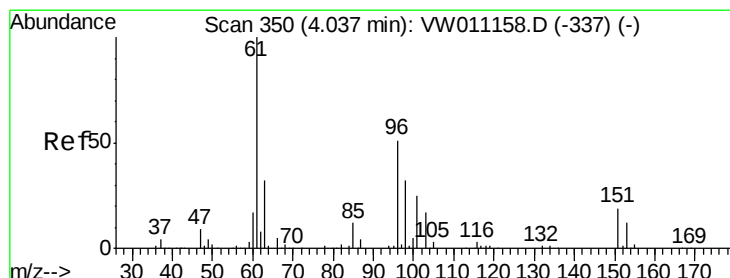
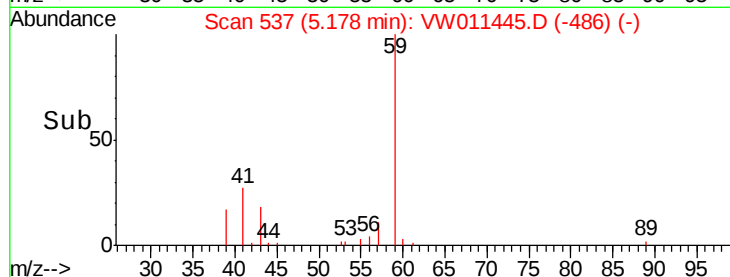
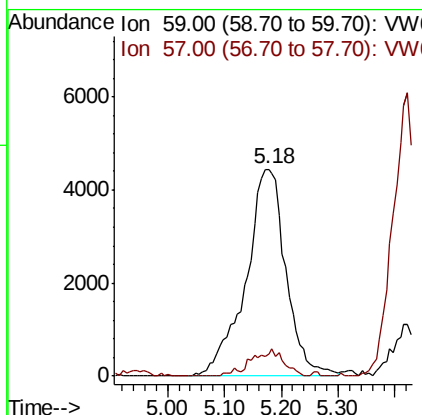
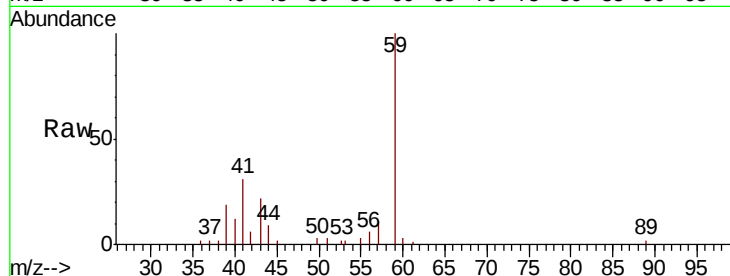




#11
Tert butyl alcohol
Concen: 103.575 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

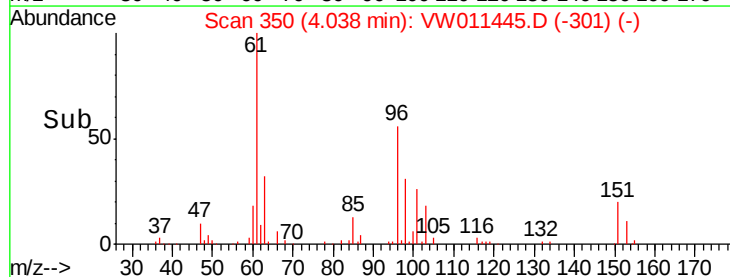
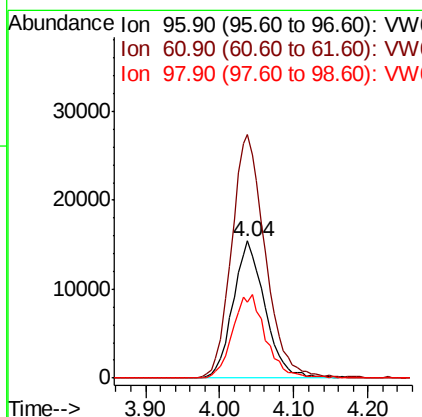
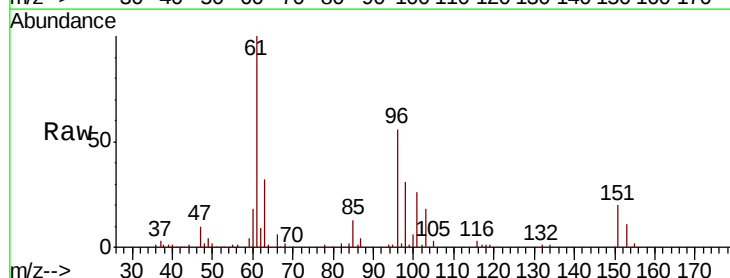
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

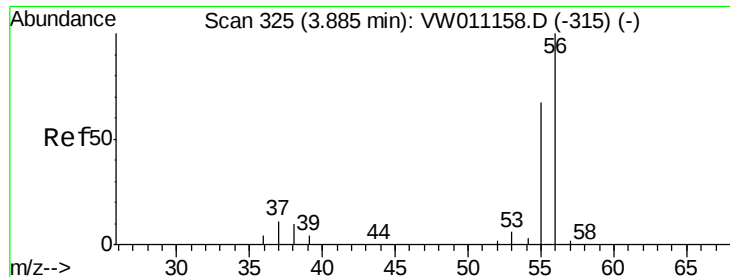
Tot Ion: 59 Resp: 21788
Ion Ratio Lower Upper
59 100
57 9.4 9.0 13.6



#12
1,1-Dichloroethene
Concen: 18.448 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 96 Resp: 46341
Ion Ratio Lower Upper
96 100
61 178.0 157.7 236.5
98 55.9 50.9 76.3





#13

Acrolein

Concen: 71.017 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

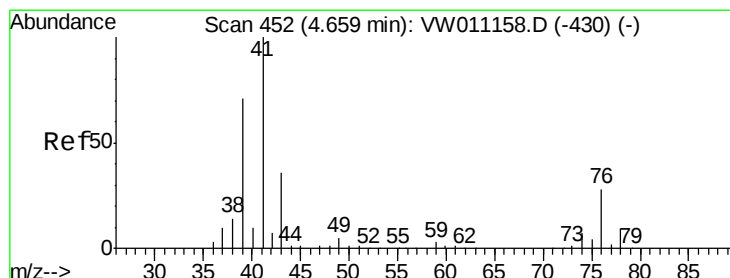
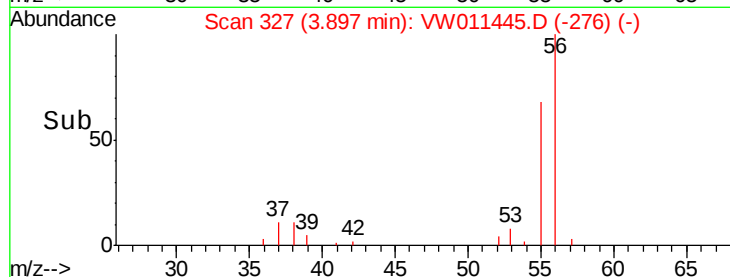
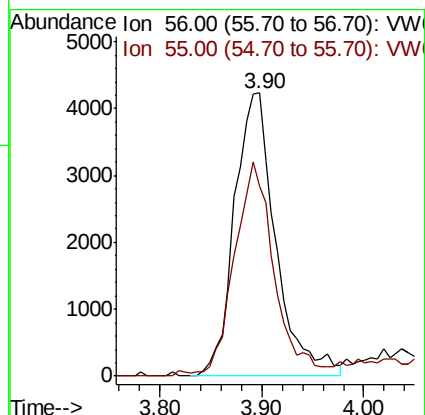
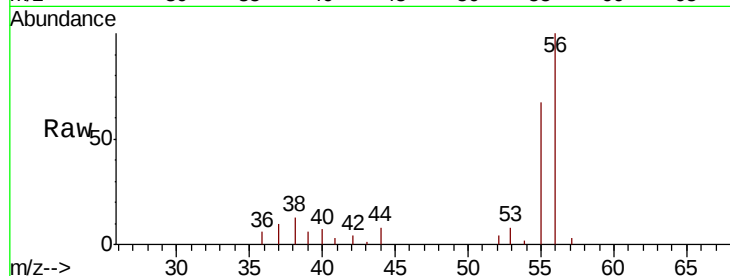
VW0724SBSD01

Tot Ion: 56 Resp: 11896

Ion Ratio Lower Upper

56 100

55 69.4 56.4 84.6



#14

Allyl chloride

Concen: 21.276 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

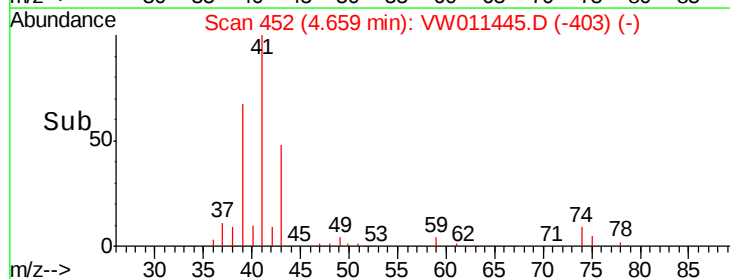
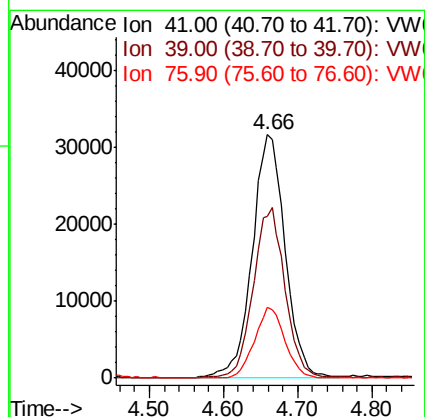
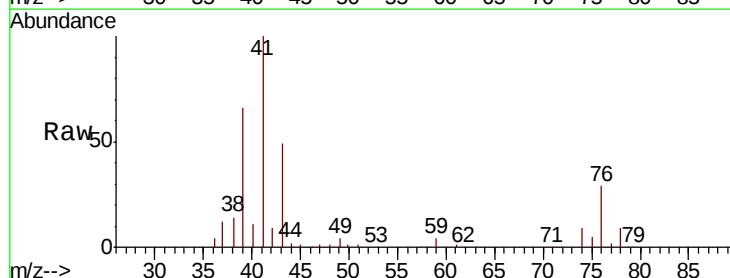
Tgt Ion: 41 Resp: 97459

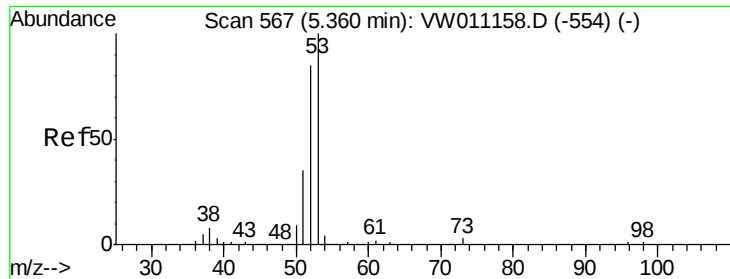
Ion Ratio Lower Upper

41 100

39 68.4 55.1 82.7

76 27.0 22.5 33.7





#15

Acrylonitrile

Concen: 98.518 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

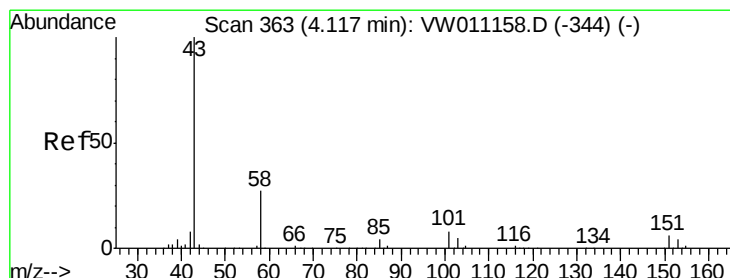
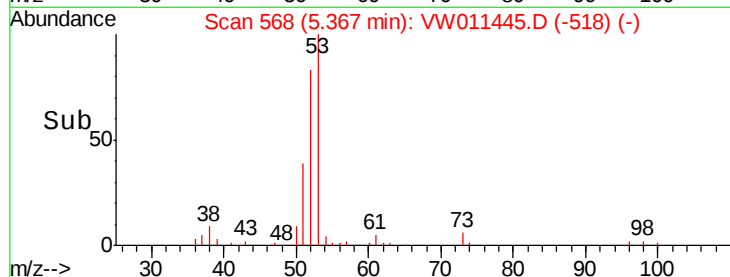
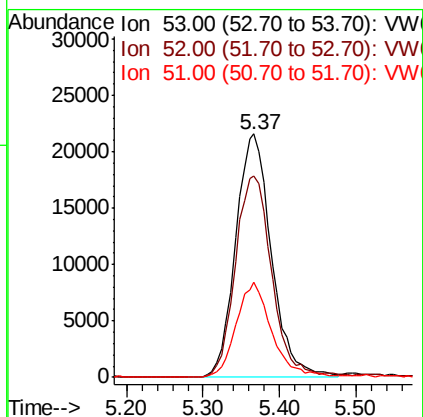
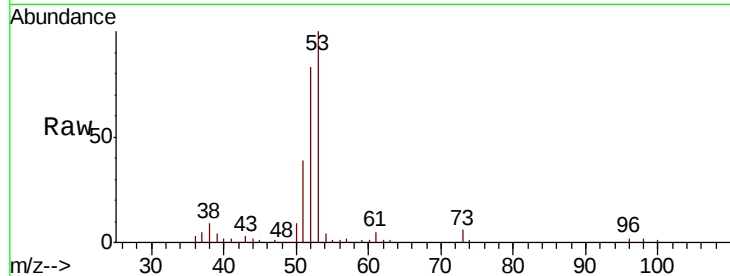
Tot Ion: 53 Resp: 70146

Ion Ratio Lower Upper

53 100

52 84.5 66.2 99.4

51 38.6 29.1 43.7



#16

Acetone

Concen: 95.110 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011445.D

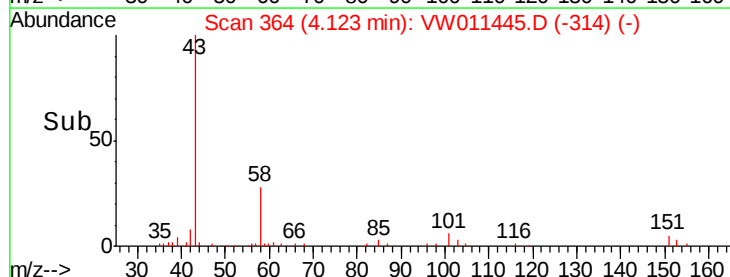
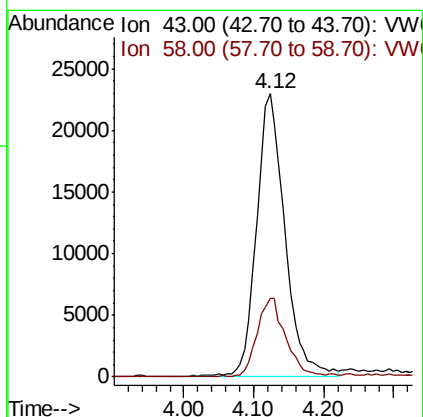
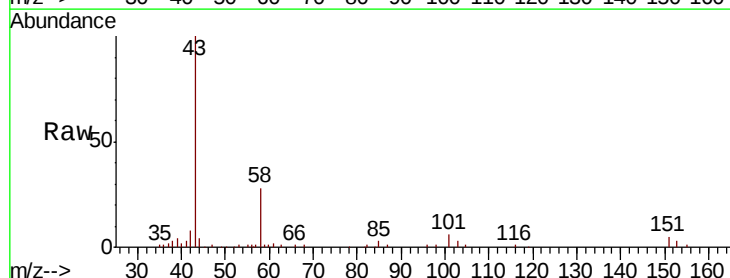
Acq: 23 Jul 2019 21:48

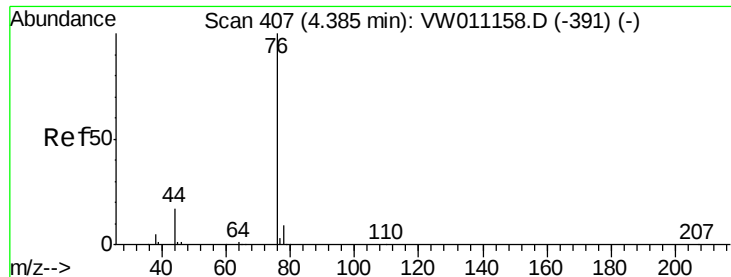
Tgt Ion: 43 Resp: 65022

Ion Ratio Lower Upper

43 100

58 27.3 21.8 32.6





#17

Carbon Disulfide

Concen: 17.242 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

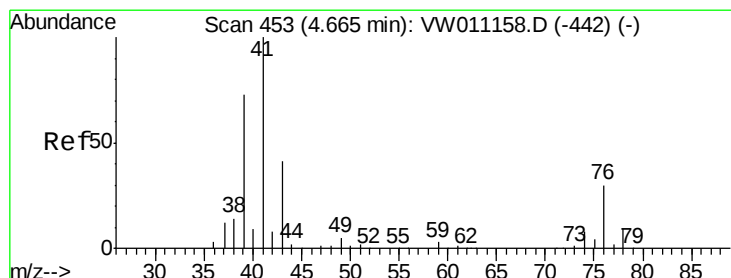
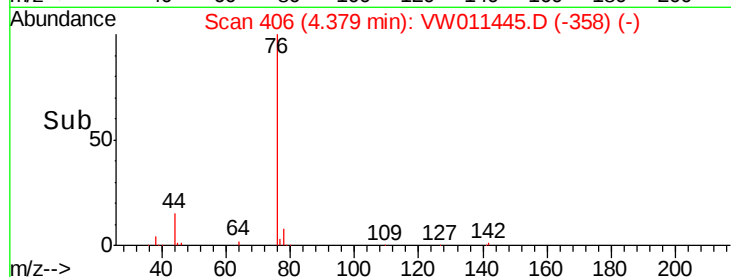
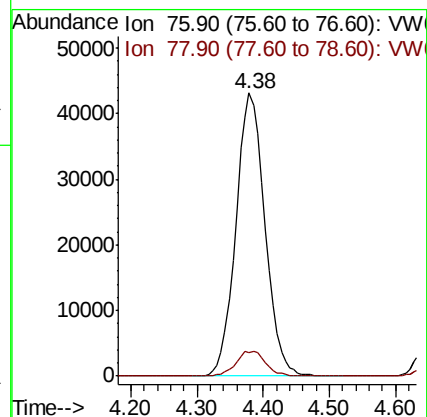
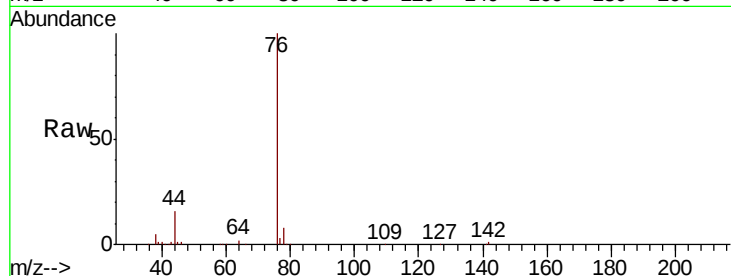
VW0724SBSD01

Tot Ion: 76 Resp: 131310

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#18

Methyl Acetate

Concen: 25.283 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011445.D

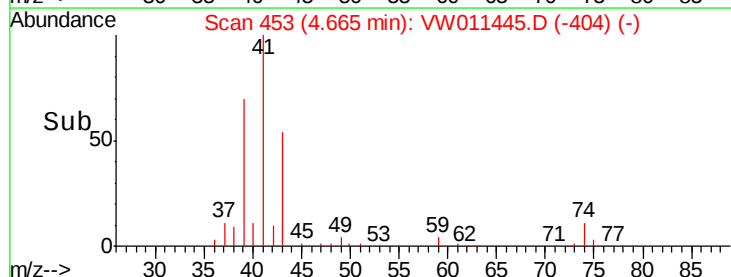
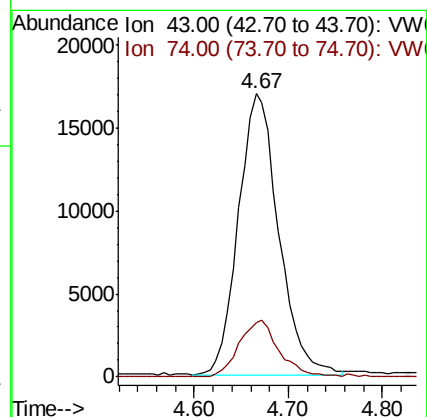
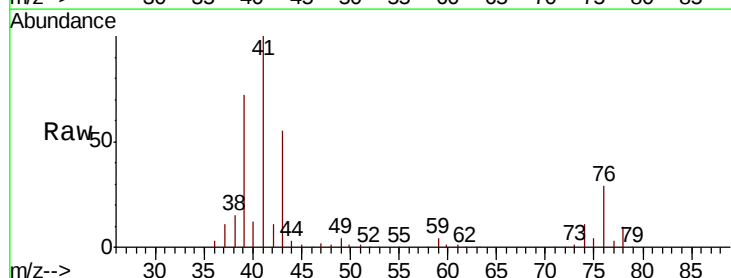
Acq: 23 Jul 2019 21:48

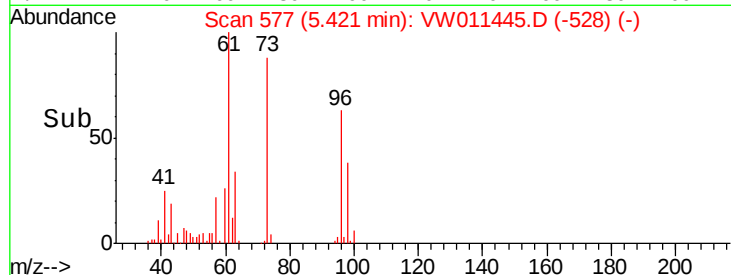
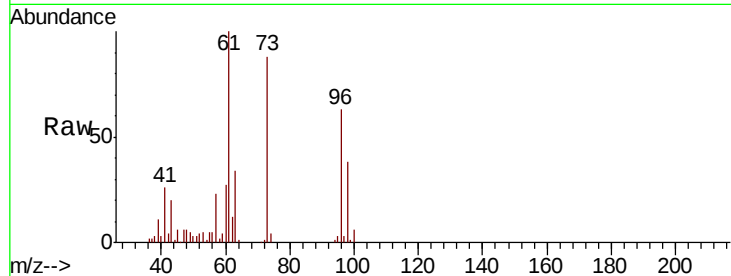
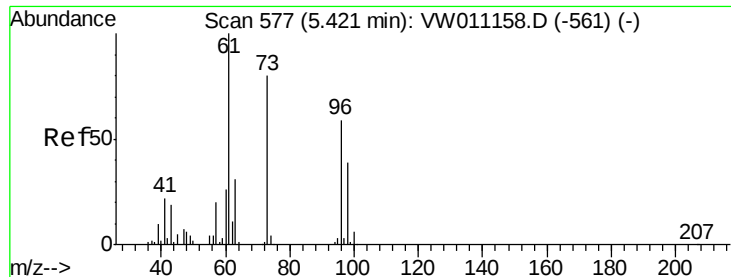
Tgt Ion: 43 Resp: 50512

Ion Ratio Lower Upper

43 100

74 19.9 15.7 23.5

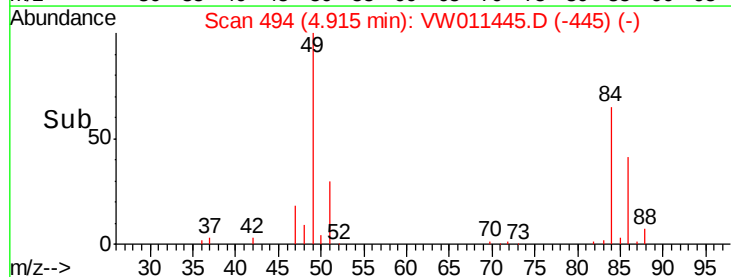
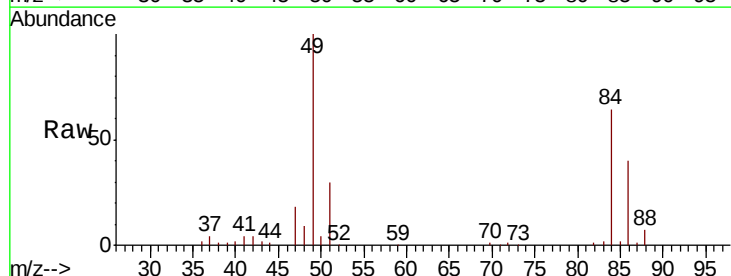
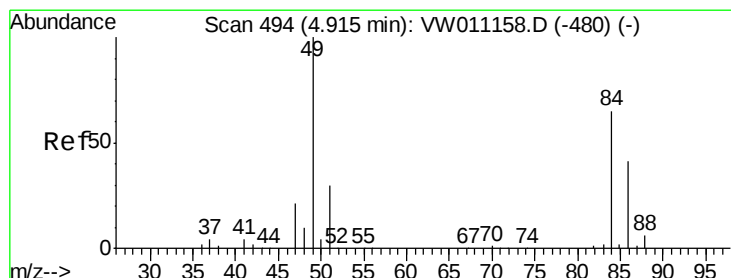
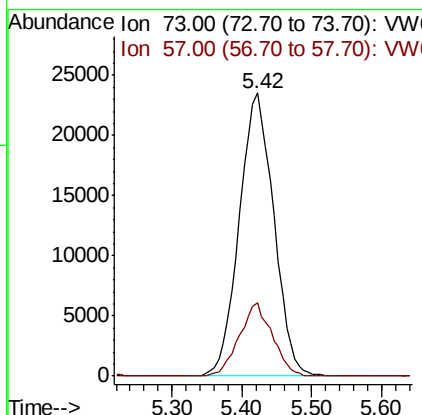




#19
Methyl tert-butyl Ether
Concen: 21.188 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

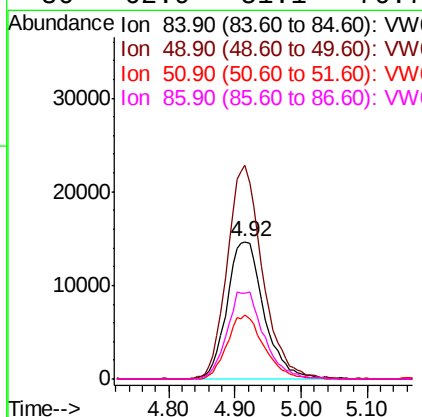
Instrument :
MSVOA_W
ClientSampleID :
VW0724SBSD01

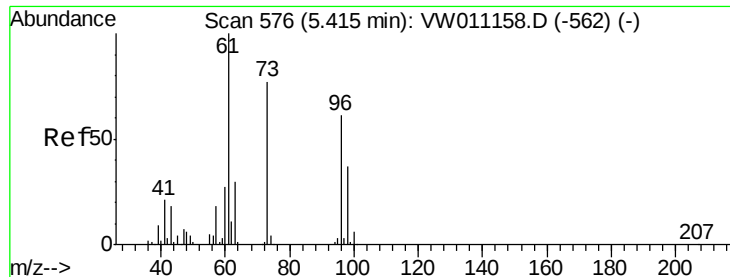
Tot Ion: 73 Resp: 80759
Ion Ratio Lower Upper
73 100
57 25.9 19.7 29.5



#20
Methylene Chloride
Concen: 21.089 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 84 Resp: 56876
Ion Ratio Lower Upper
84 100
49 155.6 123.8 185.6
51 47.0 37.4 56.2
86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.673 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

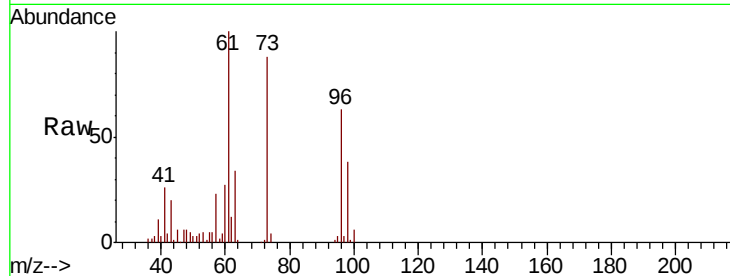
Tot Ion: 96 Resp: 51349

Ion Ratio Lower Upper

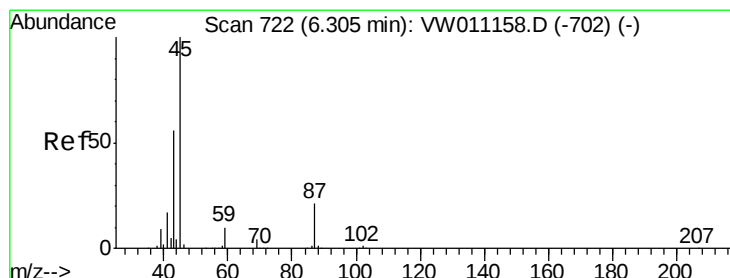
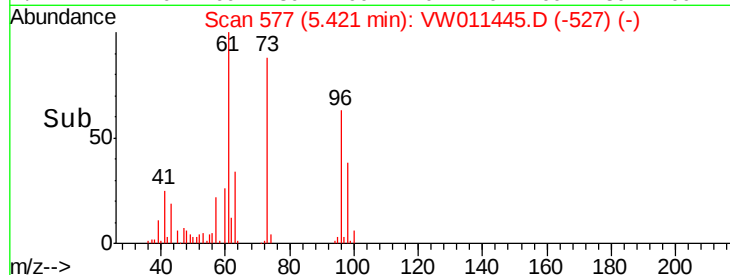
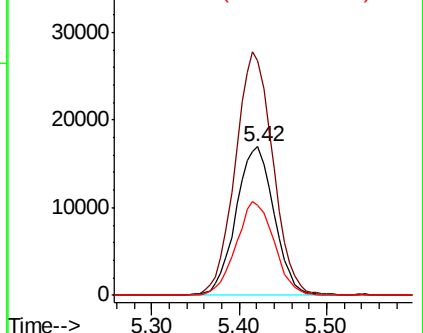
96 100

61 158.0 132.2 198.2

98 60.6 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: 20.872 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Tgt Ion: 45 Resp: 205640

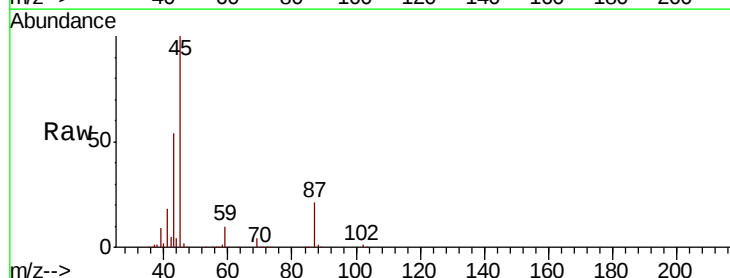
Ion Ratio Lower Upper

45 100

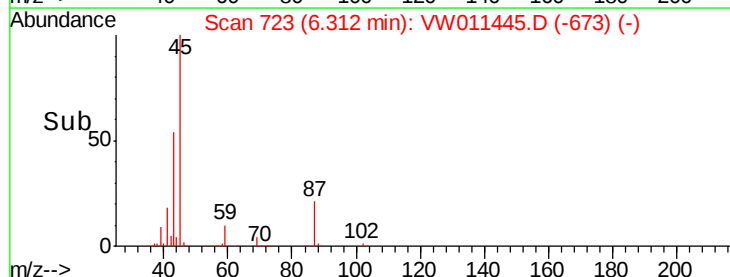
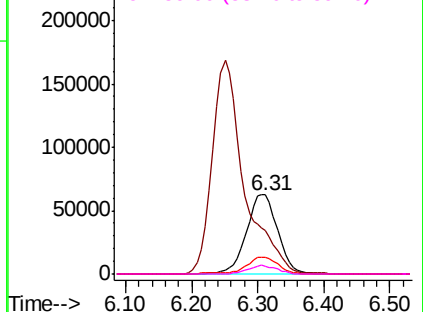
43 53.9 44.6 66.8

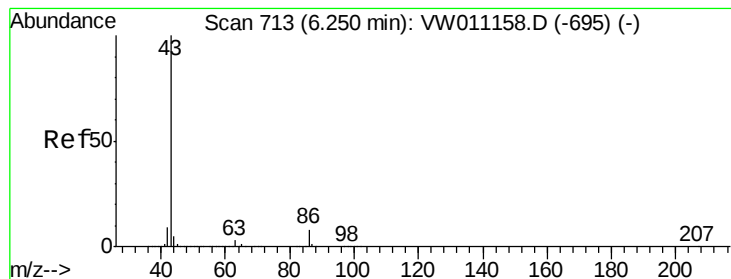
87 21.3 17.3 25.9

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: 92.932 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

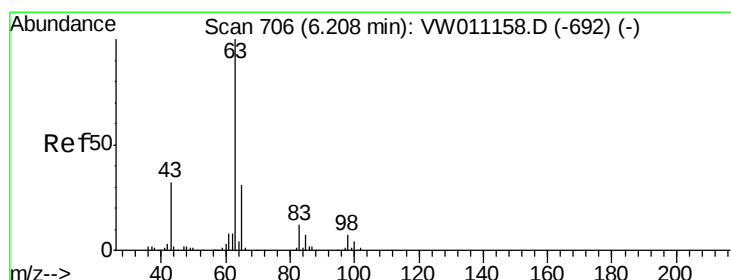
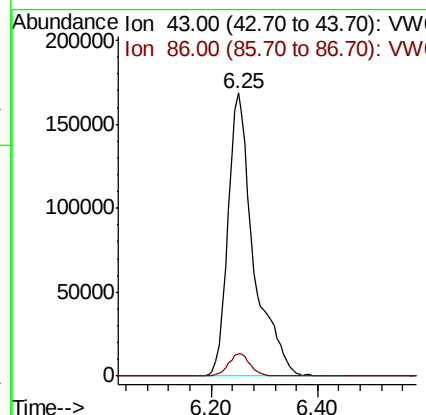
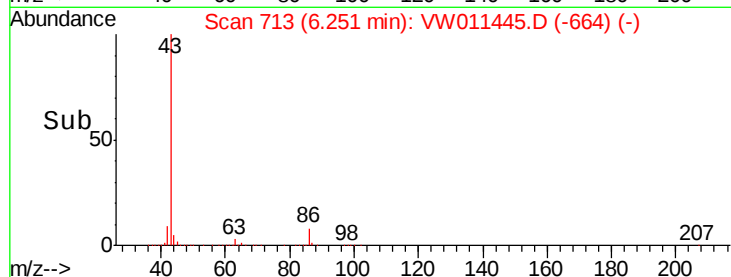
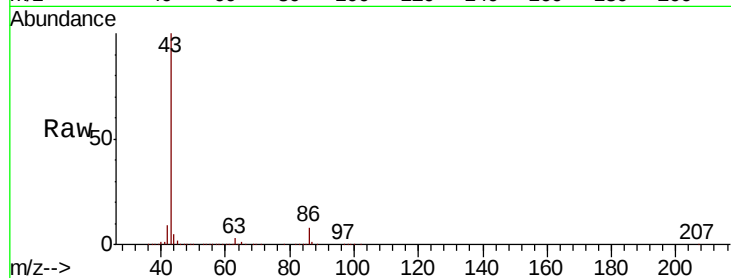
VW0724SBSD01

Tot Ion: 43 Resp: 566629

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.247 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

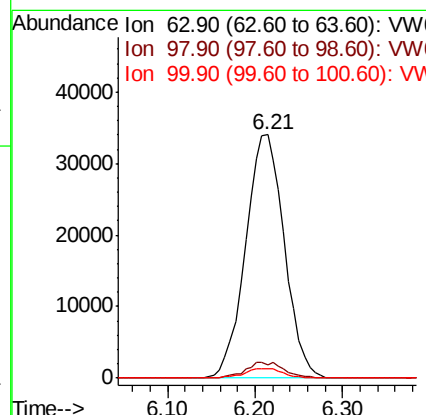
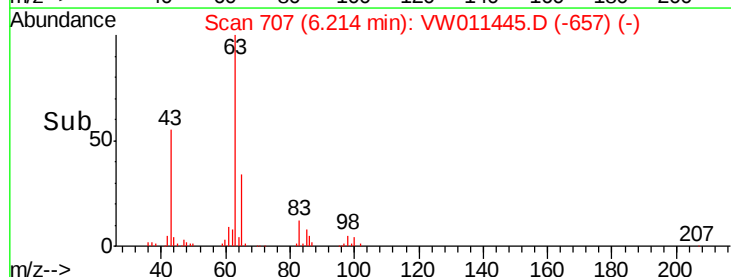
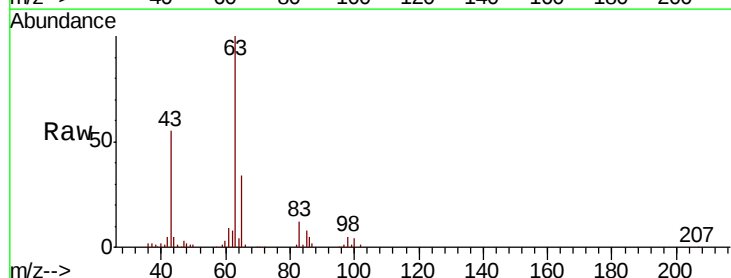
Tgt Ion: 63 Resp: 104750

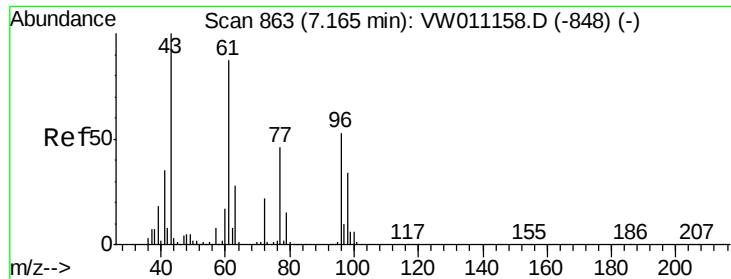
Ion Ratio Lower Upper

63 100

98 5.3 3.3 9.9

100 3.9 2.1 6.2

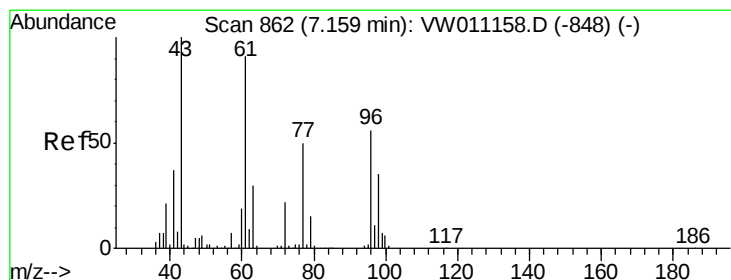
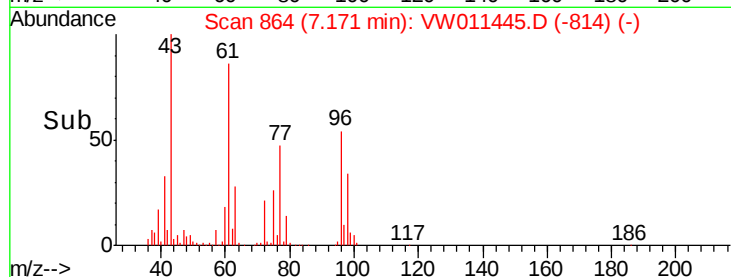
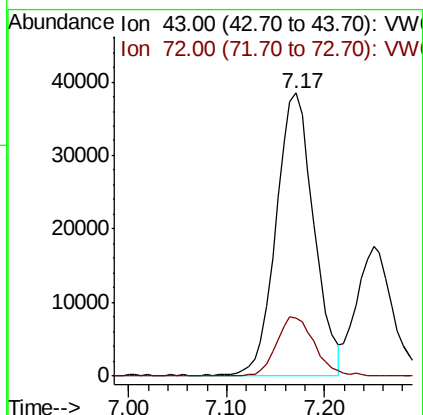
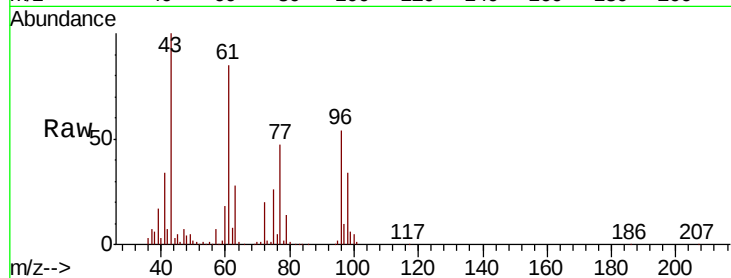




#25
2-Butanone
Concen: 96.364 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

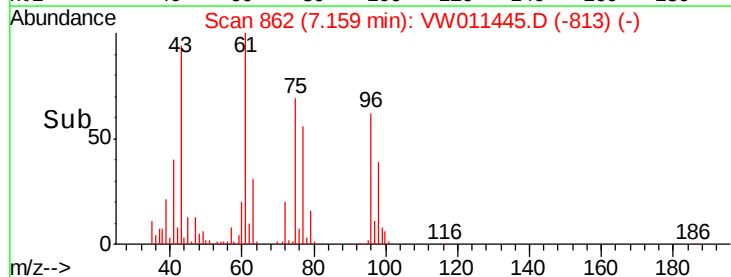
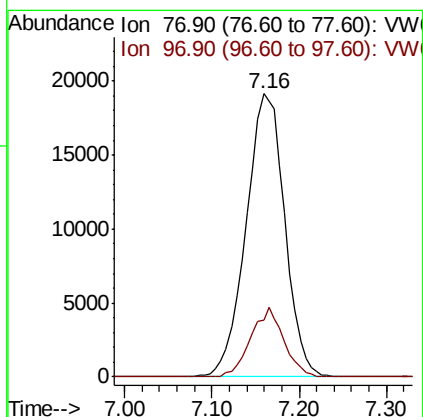
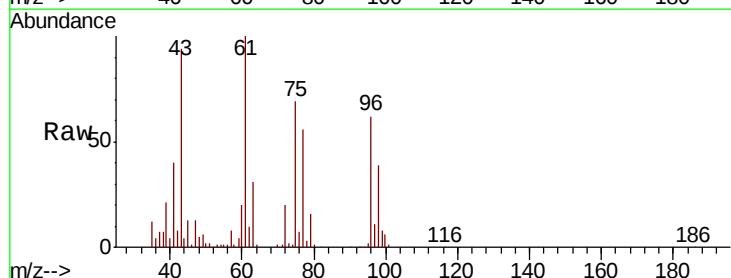
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

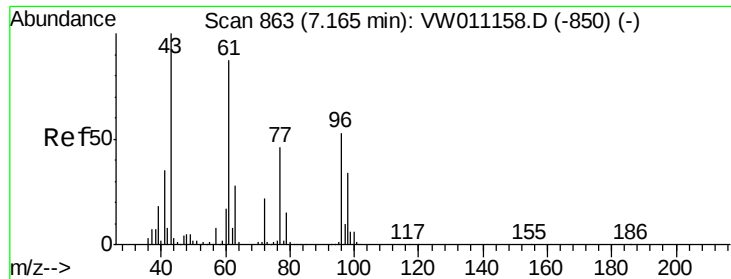
Tot Ion: 43 Resp: 103413
Ion Ratio Lower Upper
43 100
72 20.5 17.6 26.4



#26
2,2-Dichloropropane
Concen: 21.902 ug/l
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 77 Resp: 58901
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.5



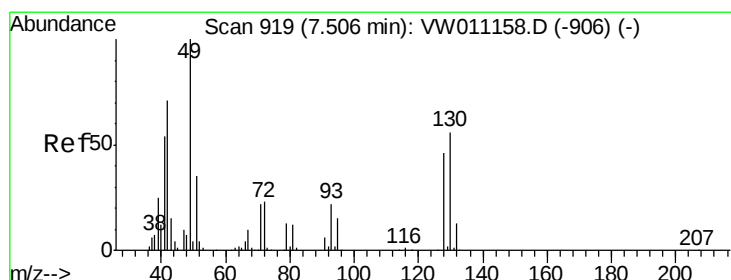
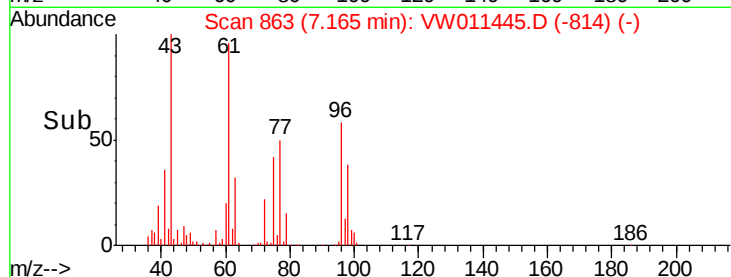
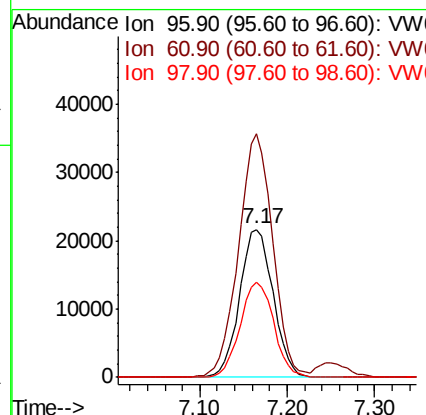
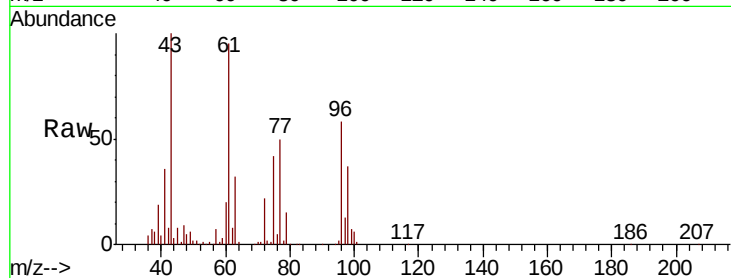


#27

cis-1,2-Dichloroethene
Concen: 20.538 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

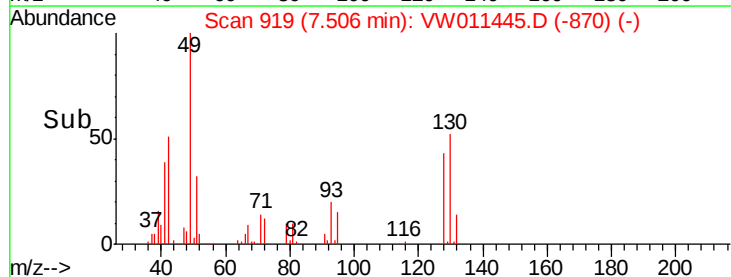
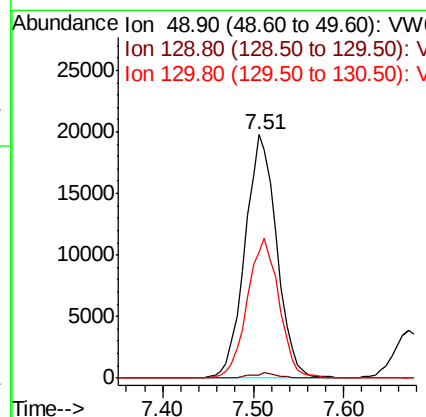
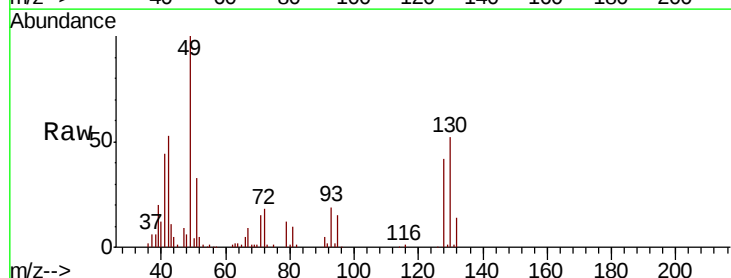
Tot Ion: 96 Resp: 57828
Ion Ratio Lower Upper
96 100
61 167.8 0.0 325.6
98 64.5 0.0 128.2

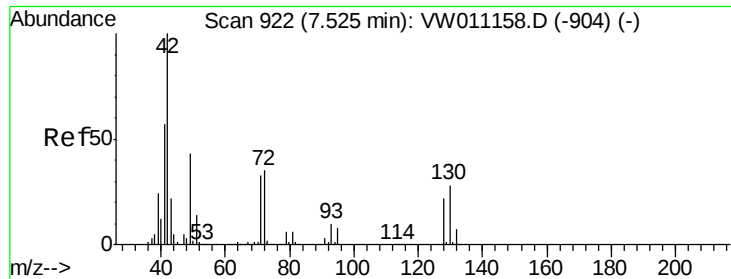


#28

Bromochloromethane
Concen: 20.379 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 49 Resp: 47939
Ion Ratio Lower Upper
49 100
129 1.6 0.0 1.4#
130 57.2 45.8 68.8

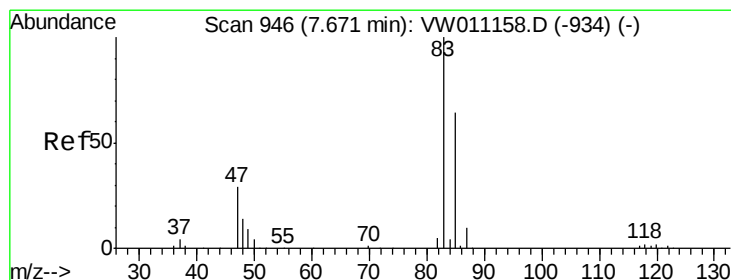
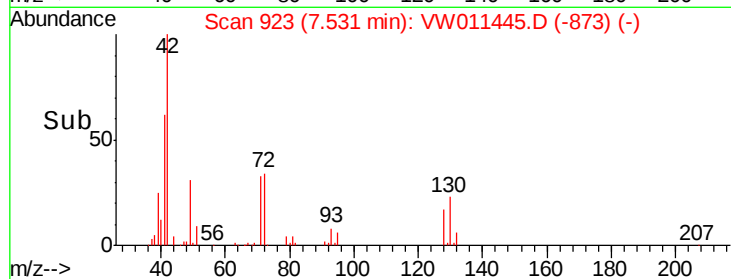
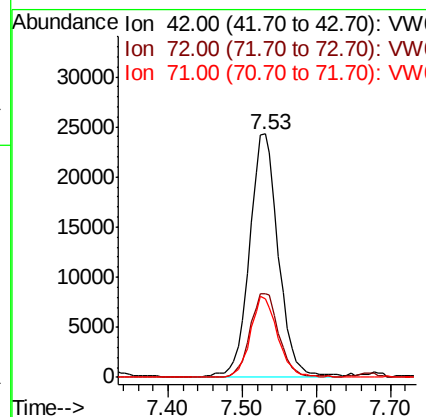
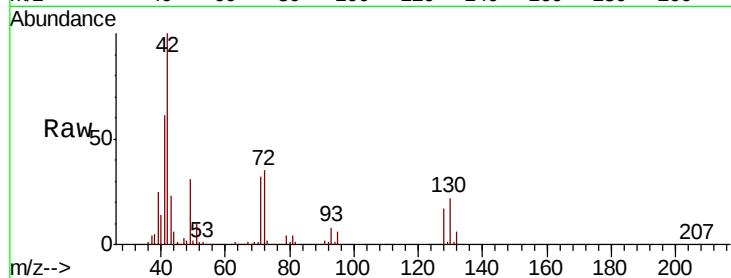




#29
Tetrahydrofuran
Concen: 92.999 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

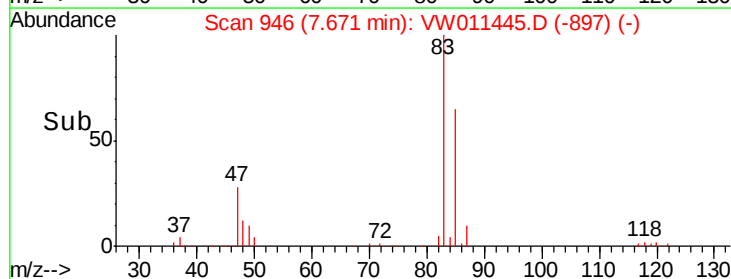
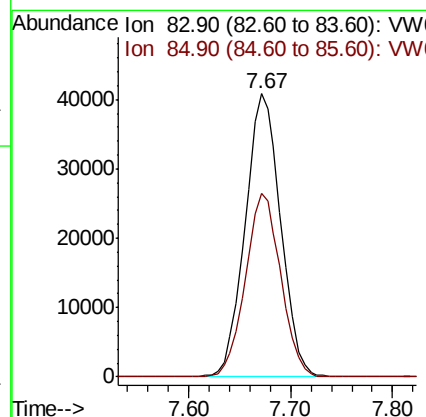
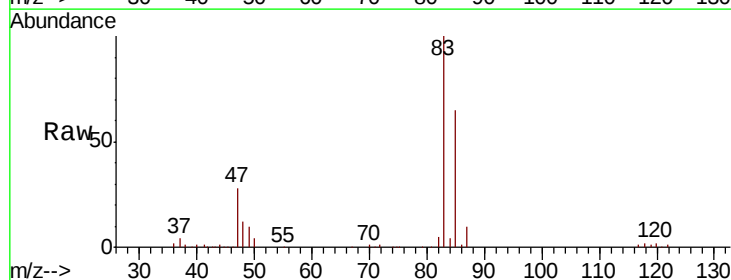
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

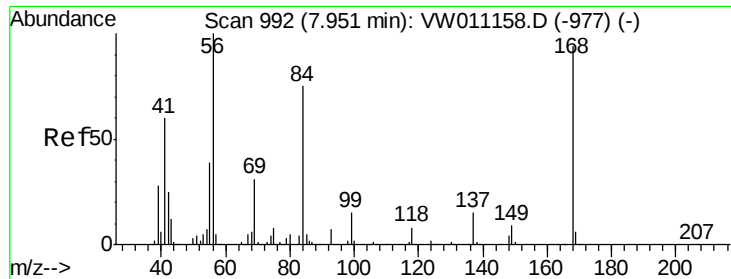
Tot Ion: 42 Resp: 65441
Ion Ratio Lower Upper
42 100
72 34.5 27.4 41.2
71 31.7 25.9 38.9



#30
Chloroform
Concen: 20.590 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 83 Resp: 98652
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2

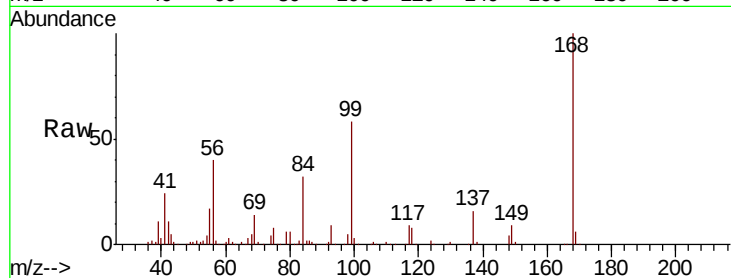




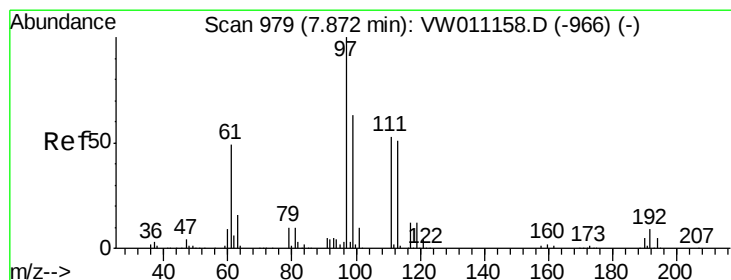
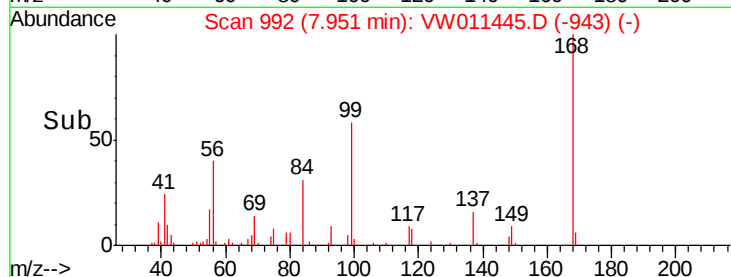
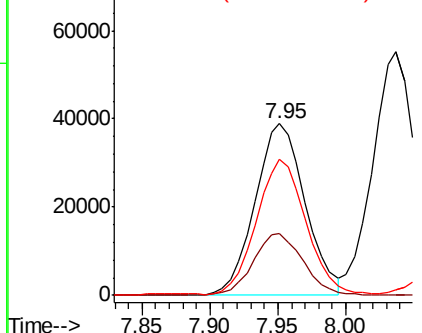
#31
Cyclohexane
Concen: 18.237 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

Tot Ion: 56 Resp: 100375
Ion Ratio Lower Upper
56 100
69 35.9 24.6 36.8
84 78.4 60.1 90.1

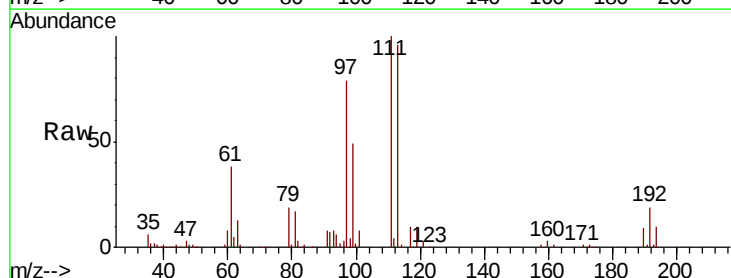


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

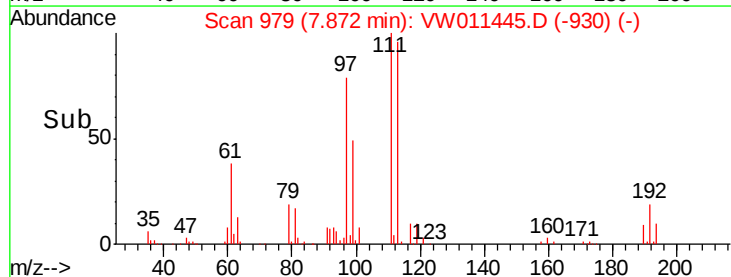
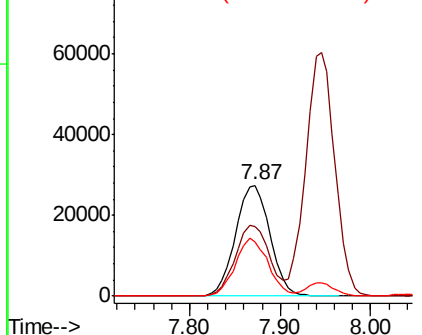


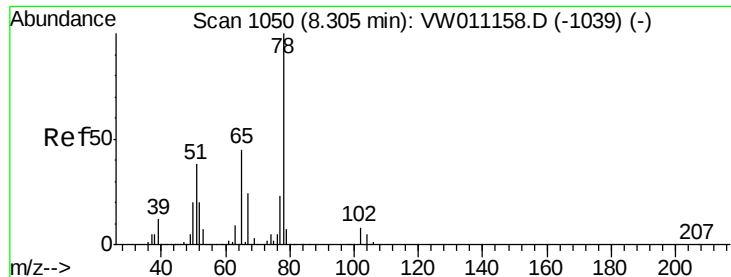
#32
1,1,1-Trichloroethane
Concen: 19.838 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 97 Resp: 72301
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 49.7 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

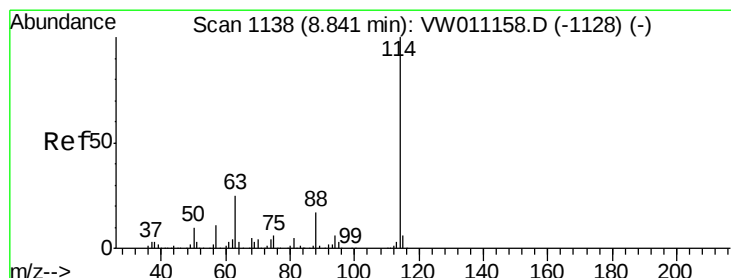
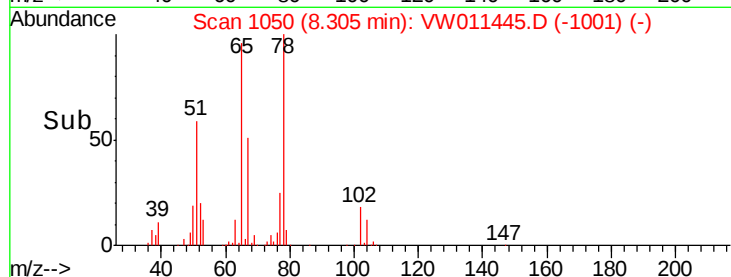
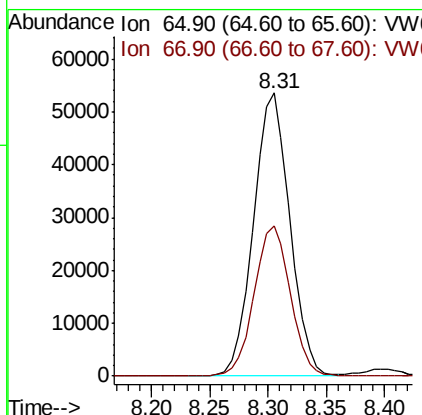
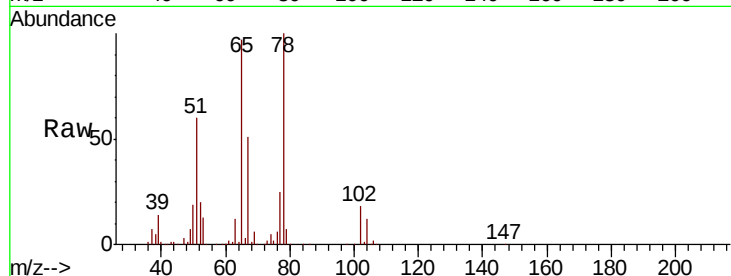




#33
 1,2-Dichloroethane-d4
 Concen: 41.076 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

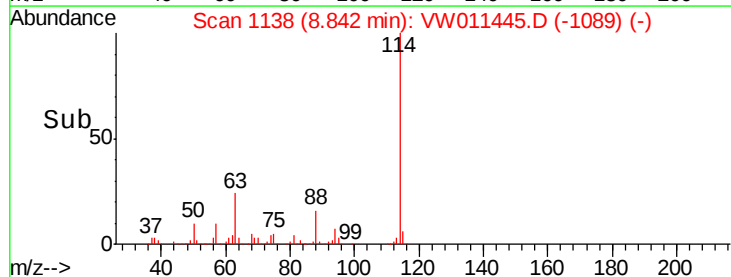
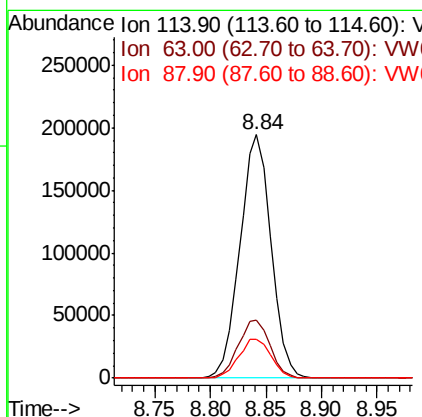
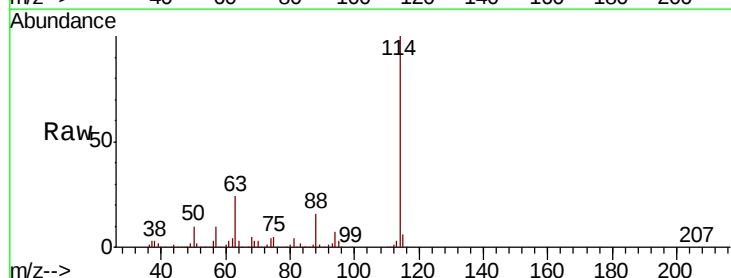
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

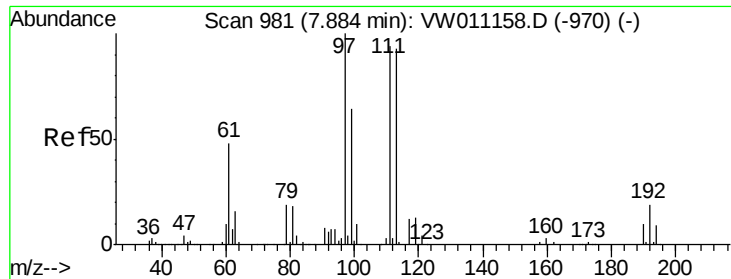
Tot Ion: 65 Resp: 116710
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 114 Resp: 377347
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.1 0.0 34.2

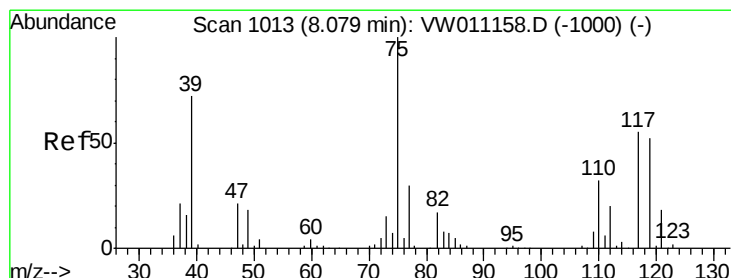
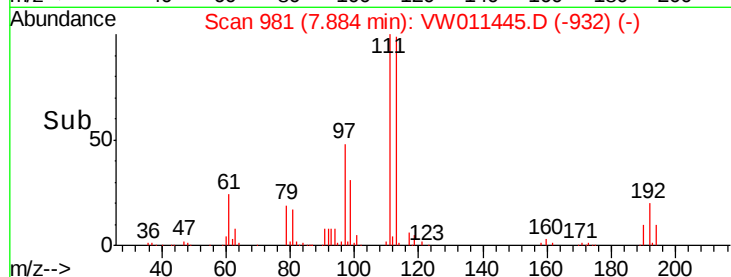
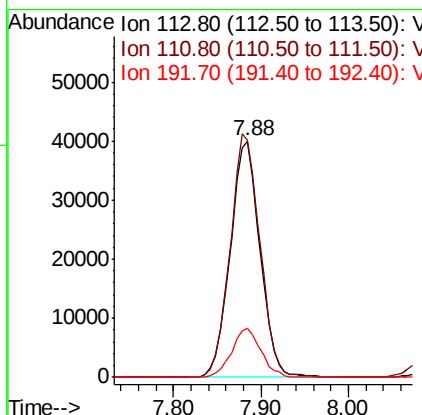
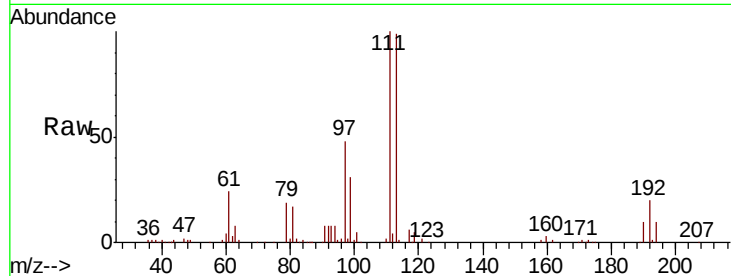




#35
 Dibromofluoromethane
 Concen: 41.905 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

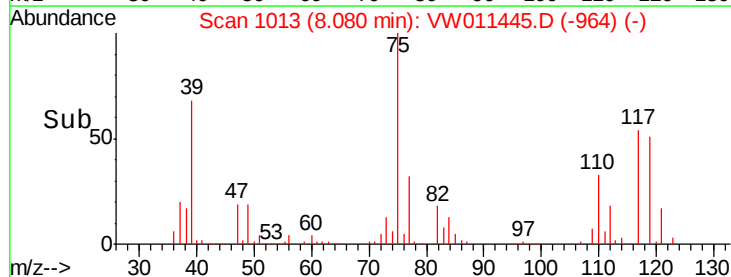
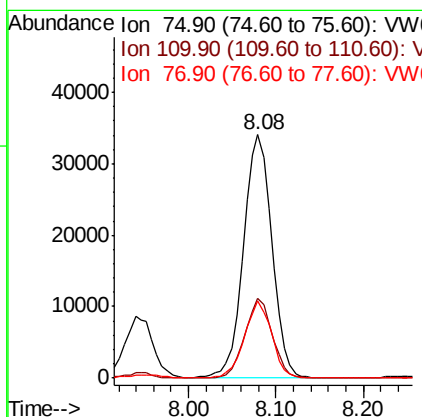
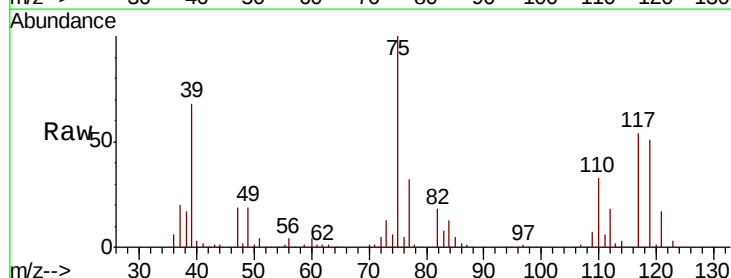
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

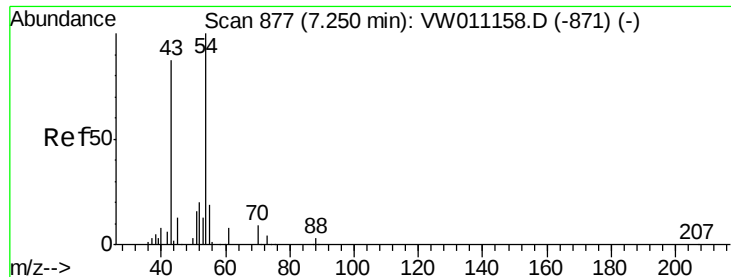
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	20.3	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 19.161 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.9	47.6
77	30.3	24.6	36.8

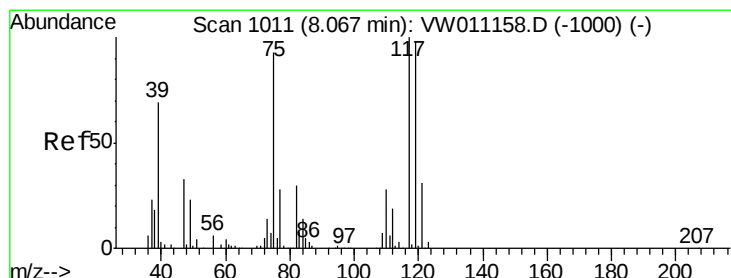
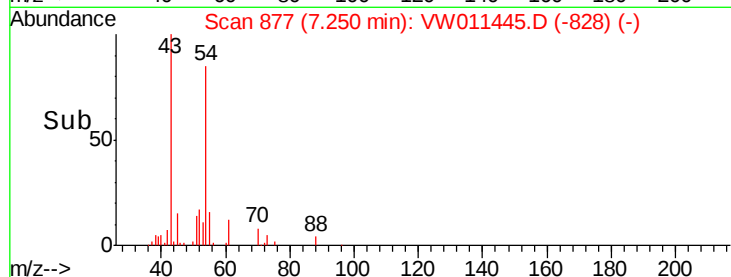
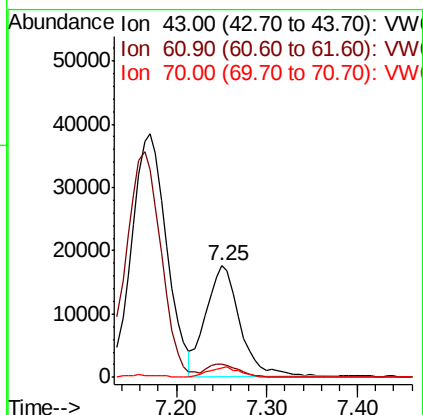
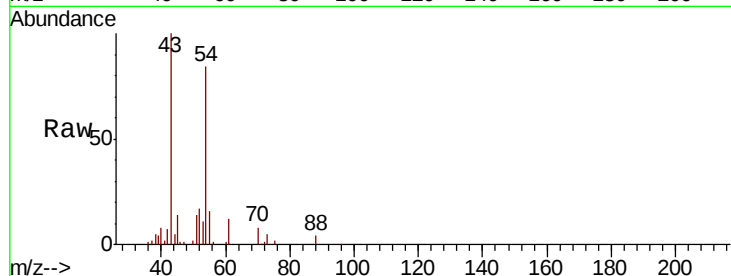




#37
Ethyl Acetate
Concen: 18.955 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

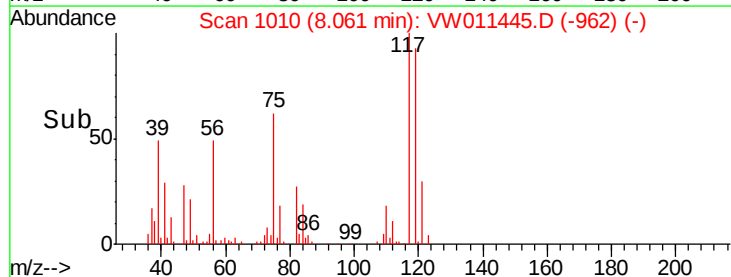
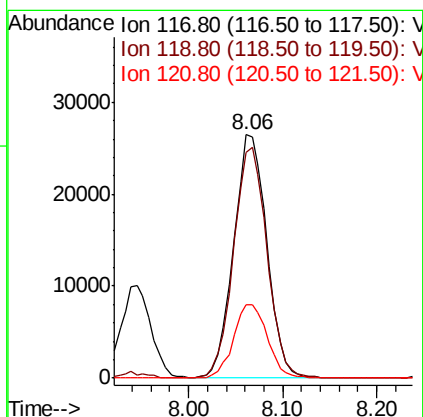
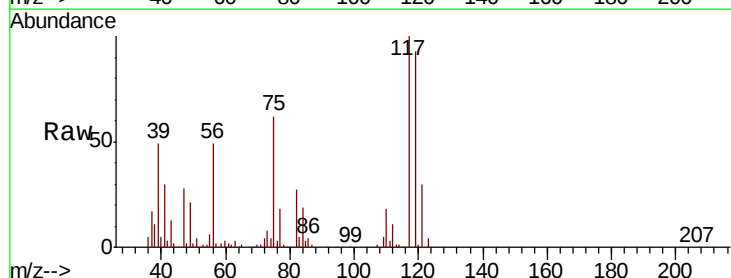
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBS01

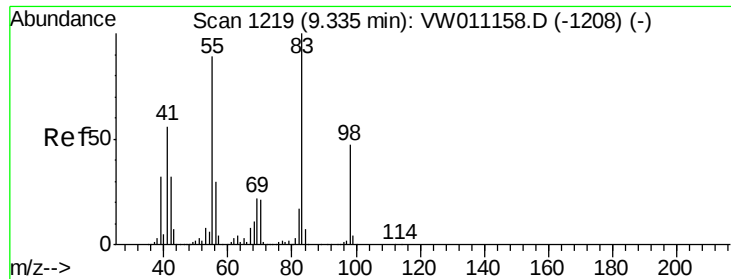
Tot Ion: 43 Resp: 45763
Ion Ratio Lower Upper
43 100
61 11.4 9.5 14.3
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.109 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 117 Resp: 65096
Ion Ratio Lower Upper
117 100
119 92.5 78.1 117.1
121 30.0 25.1 37.7

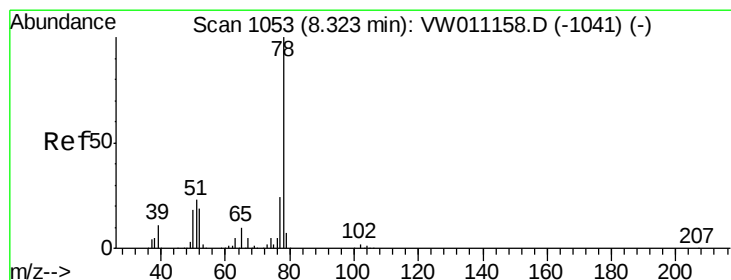
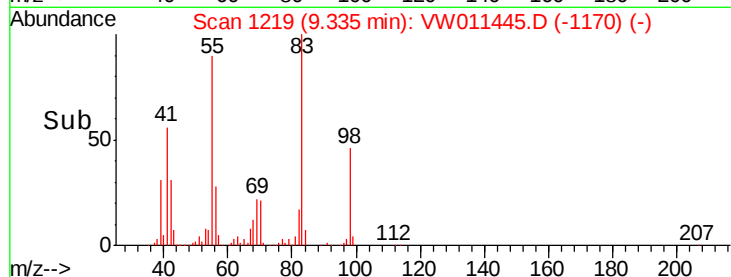
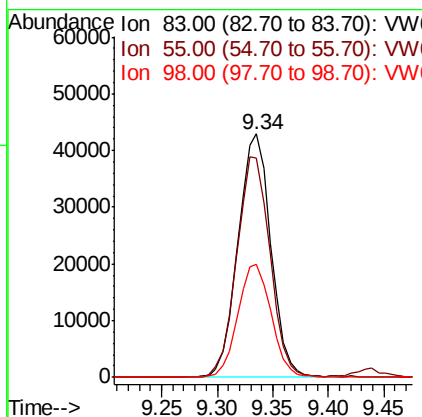
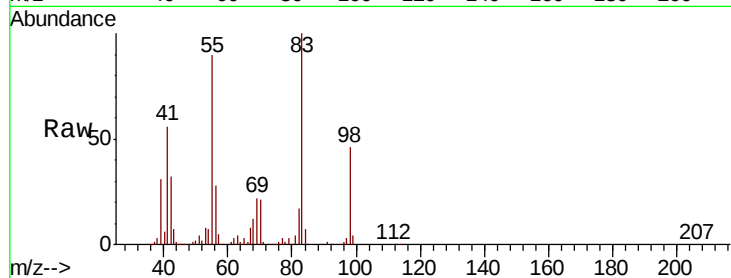




#39
Methvlcvclohexane
Concen: 18.055 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

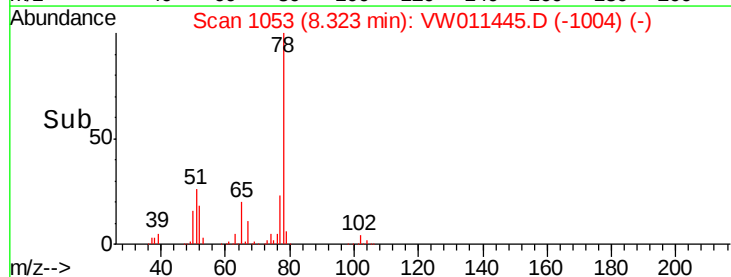
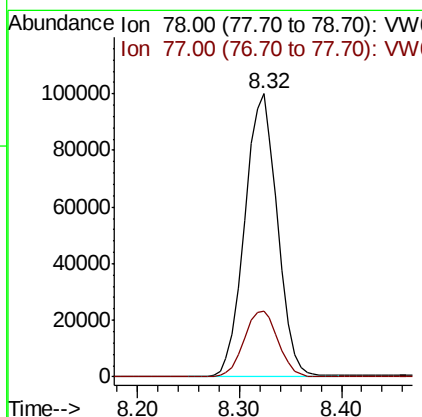
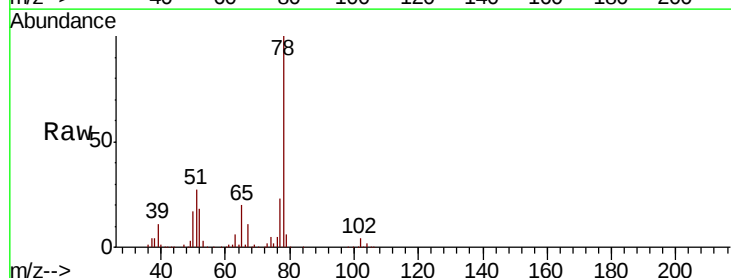
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

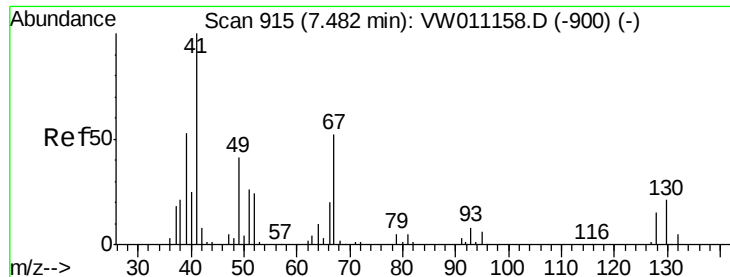
Tot Ion: 83 Resp: 87938
Ion Ratio Lower Upper
83 100
55 89.9 71.2 106.8
98 46.4 37.5 56.3



#40
Benzene
Concen: 20.084 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 78 Resp: 223043
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

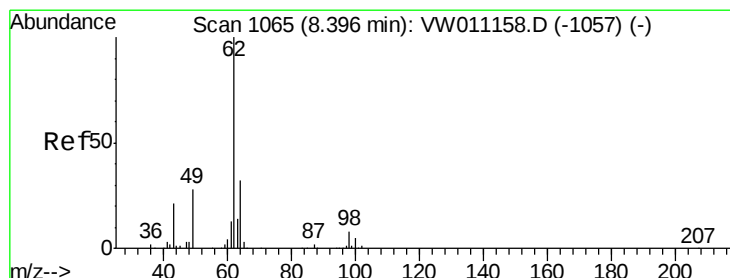
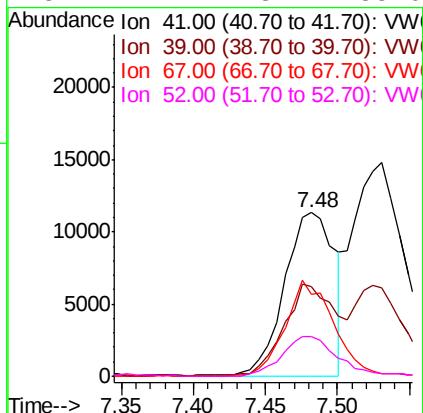
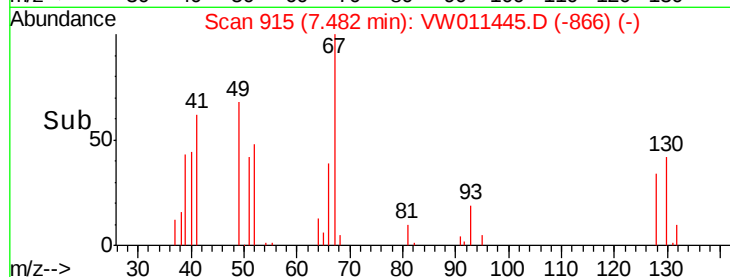
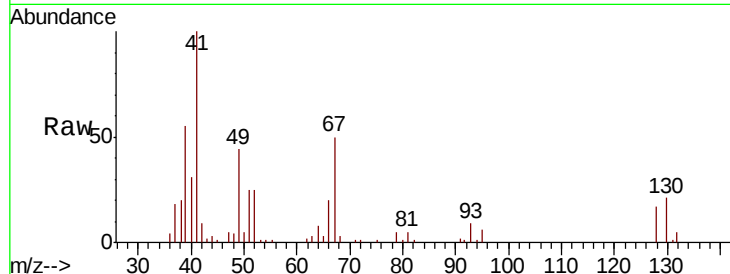




#41
Methacrylonitrile
Concen: 19.928 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

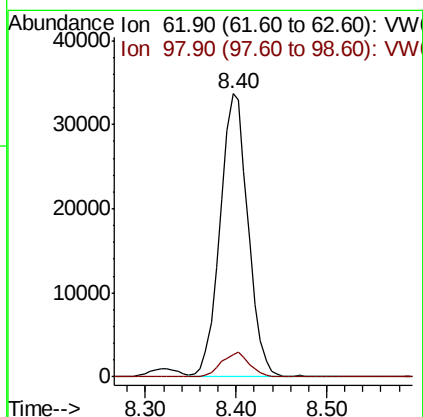
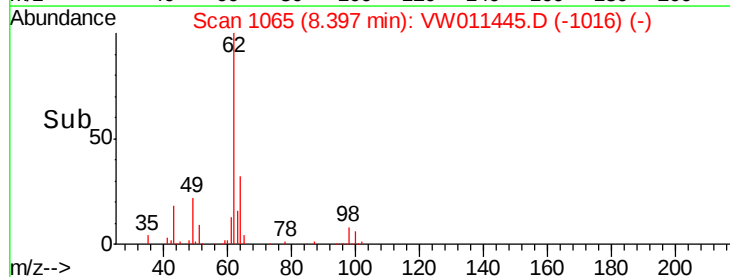
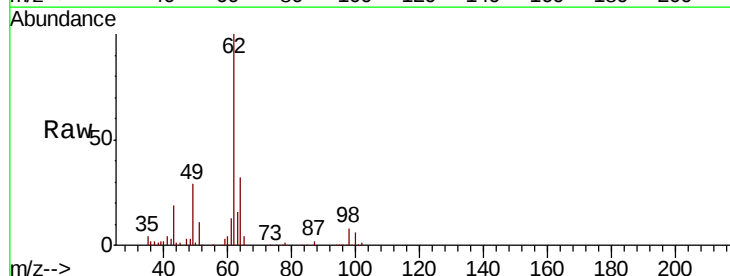
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

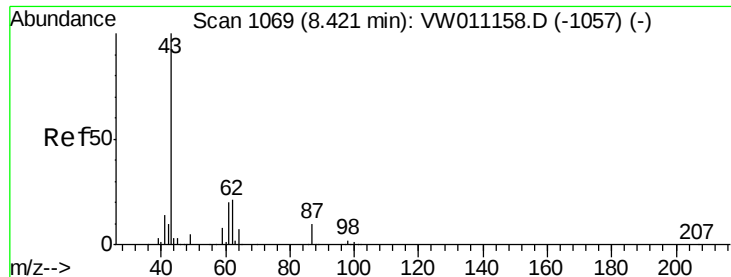
Tot Ion:	41	Resp:	27518
Ion	Ratio	Lower	Upper
41	100		
39	57.5	48.0	72.0
67	57.6	49.7	74.5
52	27.1	23.4	35.0



#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion:	62	Resp:	72340
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 18.628 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

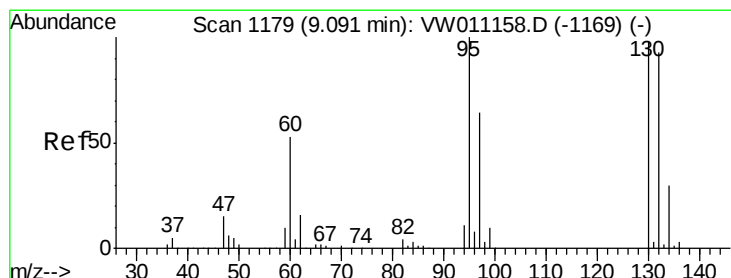
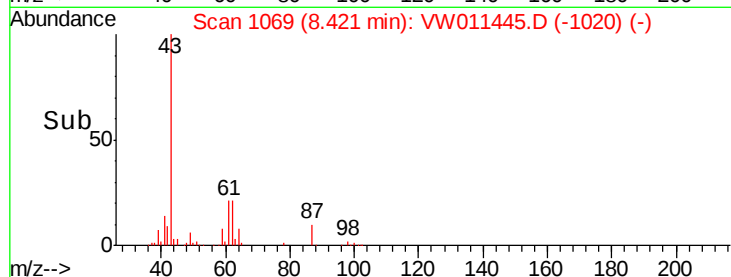
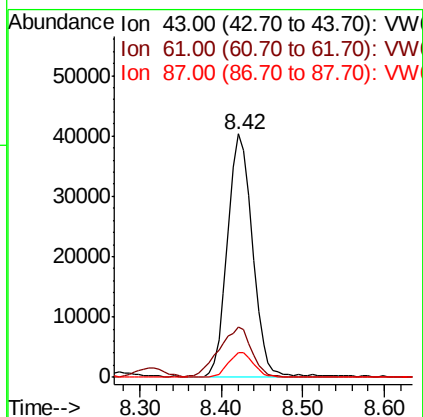
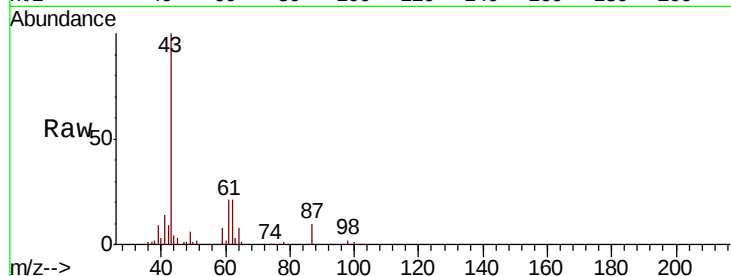
Tot Ion: 43 Resp: 84913

Ion Ratio Lower Upper

43 100

61 27.5 20.7 31.1

87 10.4 8.1 12.1



#44

Trichloroethene

Concen: 19.724 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011445.D

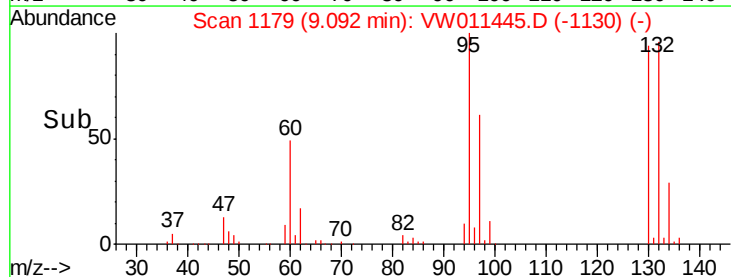
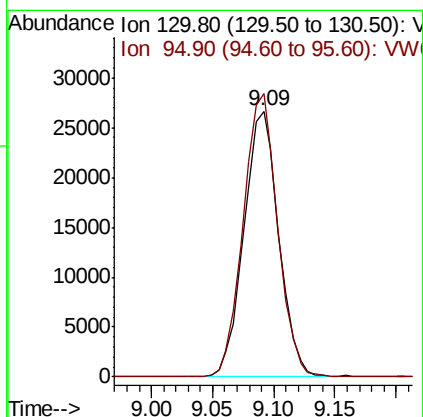
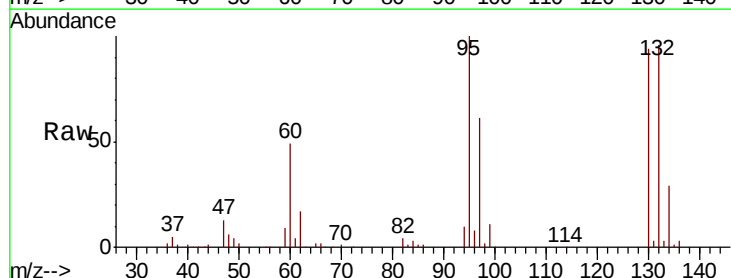
Acq: 23 Jul 2019 21:48

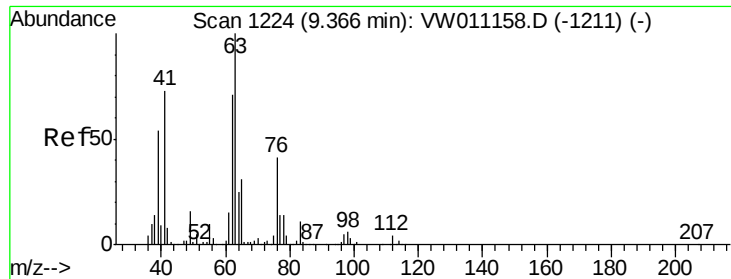
Tgt Ion: 130 Resp: 52709

Ion Ratio Lower Upper

130 100

95 106.4 0.0 203.6

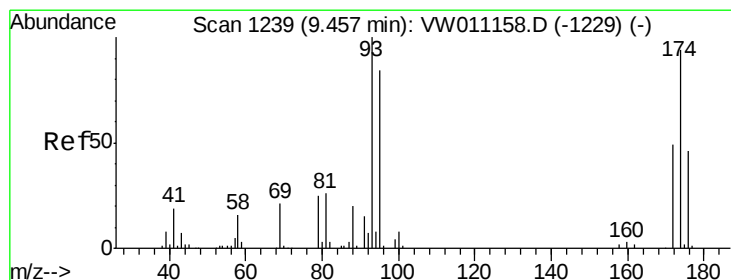
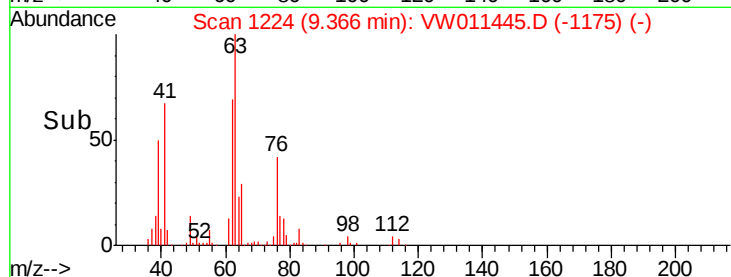
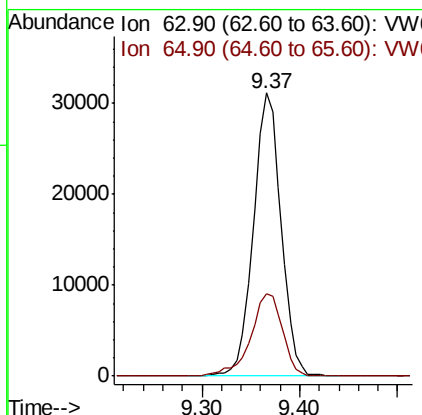
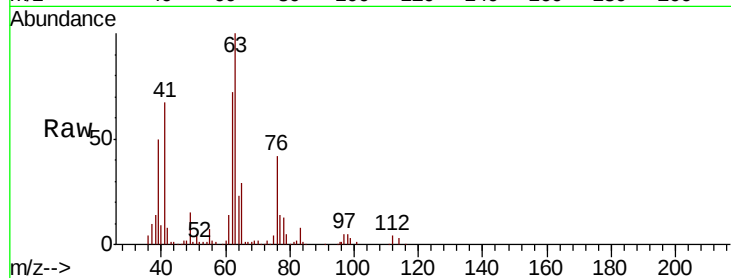




#45
 1,2-Dichloropropane
 Concen: 20.250 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

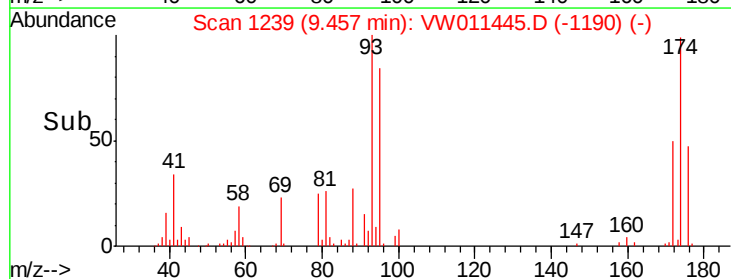
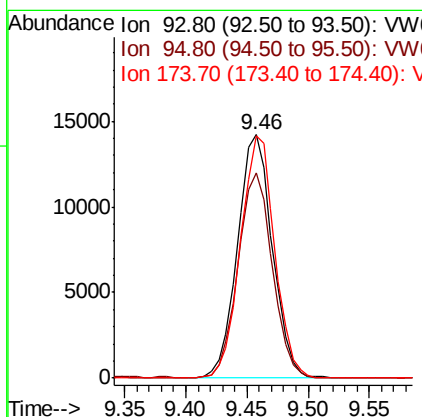
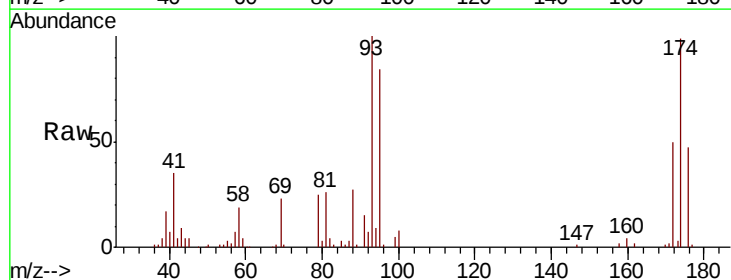
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

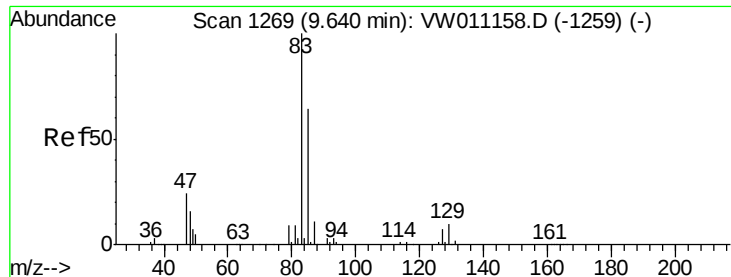
Tot Ion: 63 Resp: 60898
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.4 36.6



#46
 Dibromomethane
 Concen: 19.877 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 93 Resp: 28080
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.2 100.8
 174 97.6 76.3 114.5

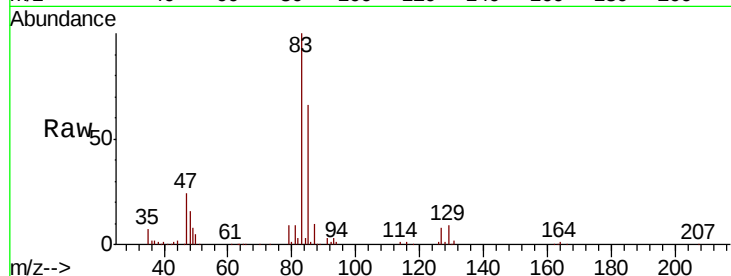




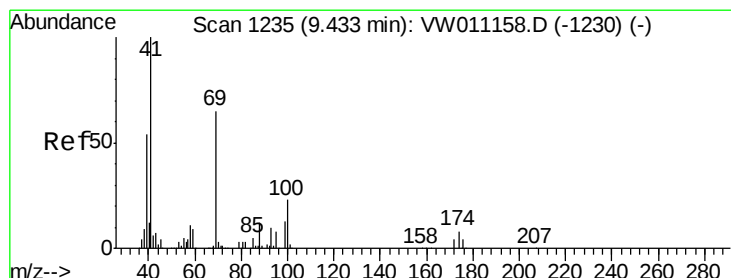
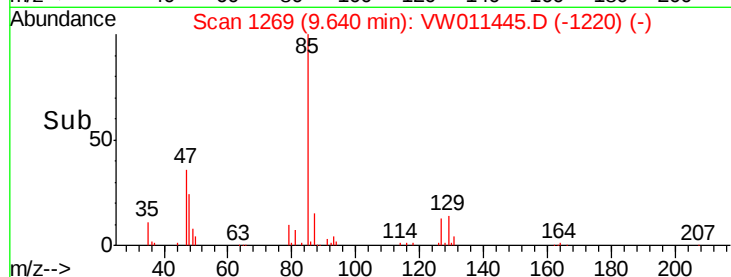
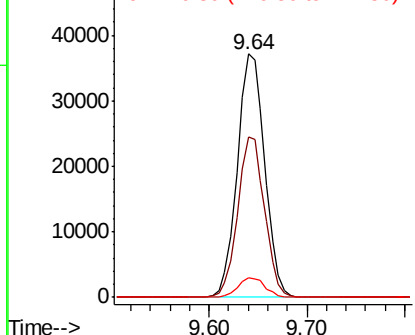
#47
 Bromodichloromethane
 Concen: 19.936 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

Tot Ion: 83 Resp: 72058
 Ion Ratio Lower Upper
 83 100
 85 65.6 51.0 76.4
 127 8.3 6.0 9.0

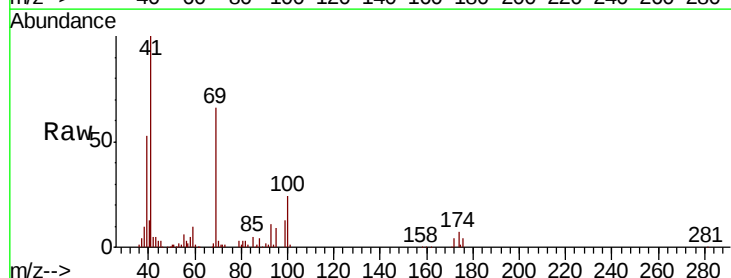


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): VW

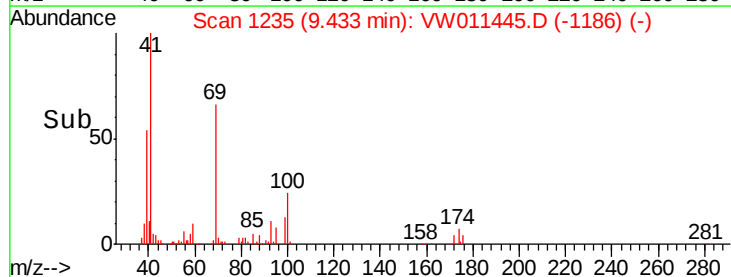
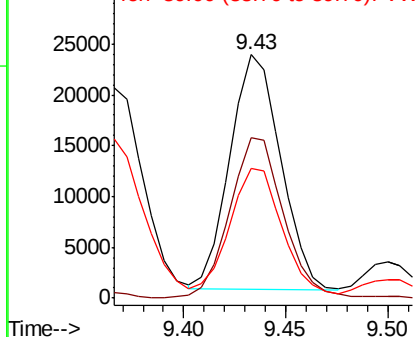


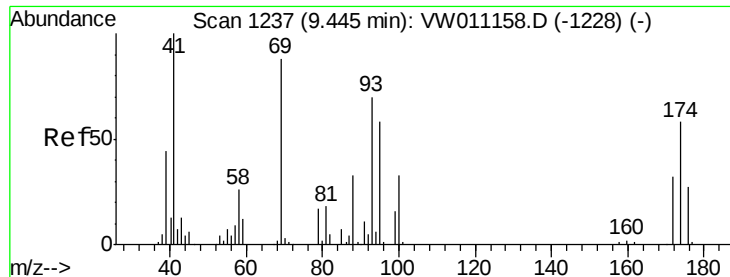
#48
 Methyl methacrylate
 Concen: 18.246 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 41 Resp: 40013
 Ion Ratio Lower Upper
 41 100
 69 73.1 56.0 84.0
 39 58.9 43.5 65.3



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





#49

1,4-Dioxane

Concen: 347.754 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

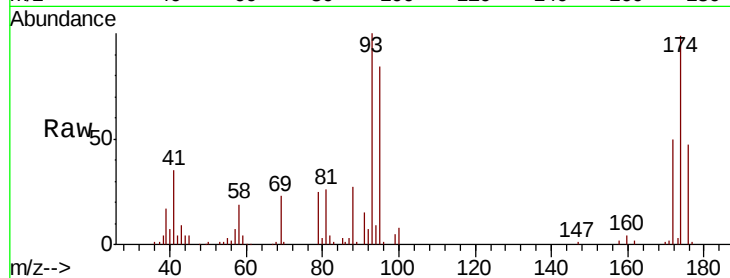
Tot Ion: 88 Resp: 8200

Ion Ratio Lower Upper

88 100

43 38.0 33.4 50.0

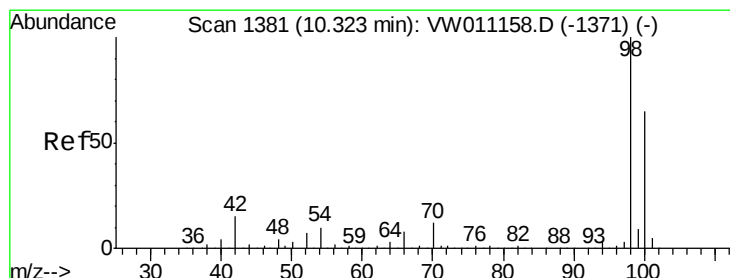
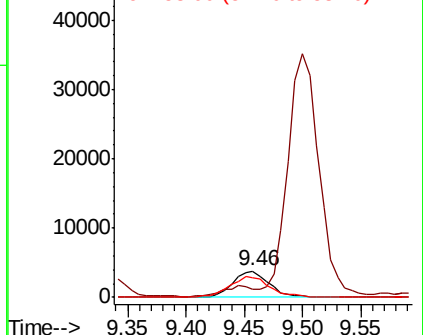
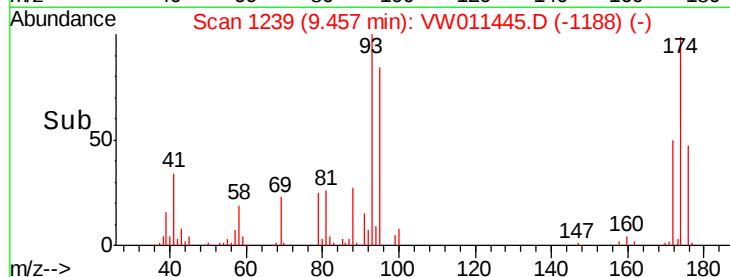
58 90.5 64.5 96.7



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 40.824 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011445.D

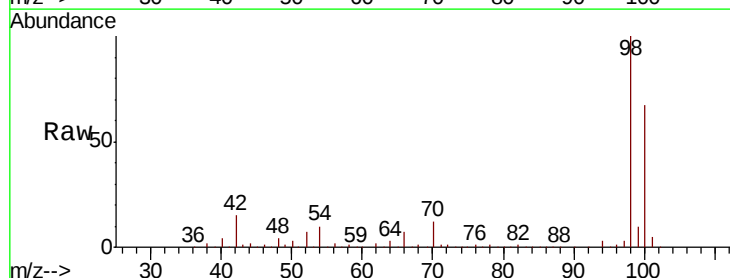
Acq: 23 Jul 2019 21:48

Tgt Ion: 98 Resp: 371145

Ion Ratio Lower Upper

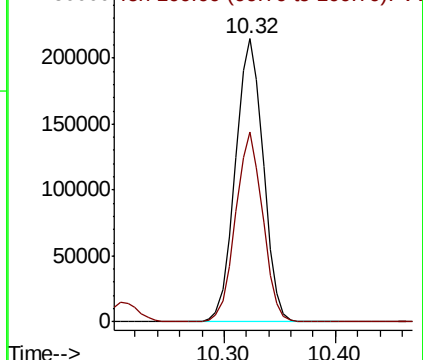
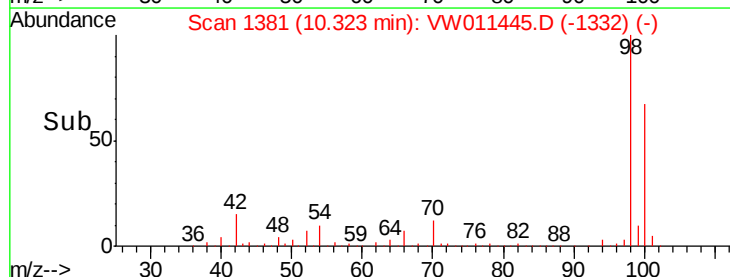
98 100

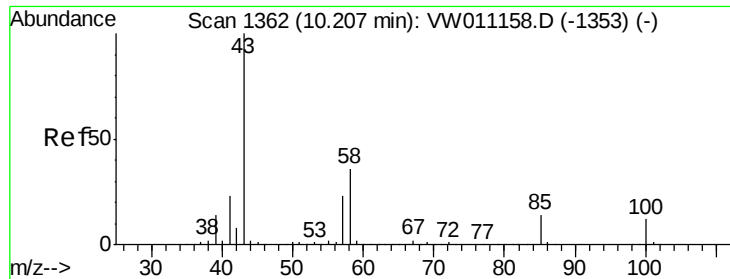
100 65.6 52.4 78.6



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: 93.280 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleID :

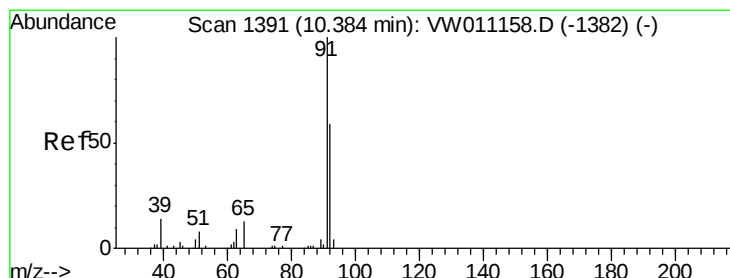
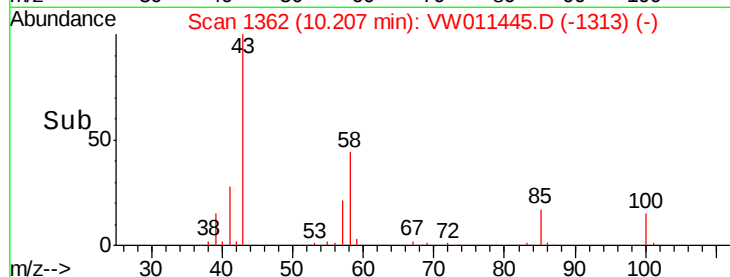
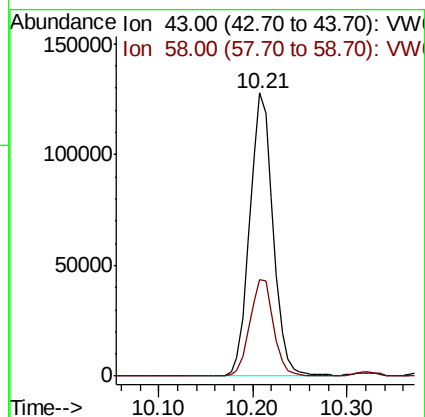
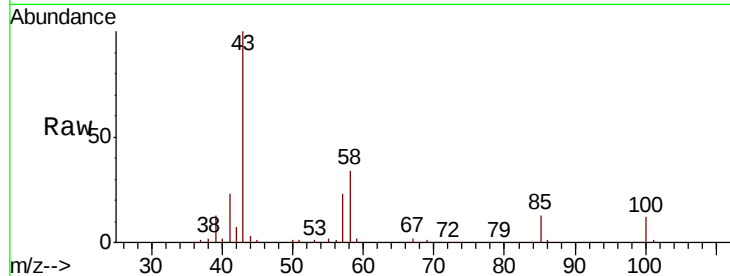
VW0724SBSD01

Tot Ion: 43 Resp: 222112

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.2



#52

Toluene

Concen: 19.737 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011445.D

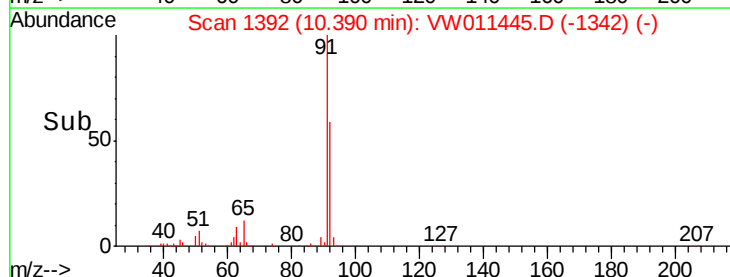
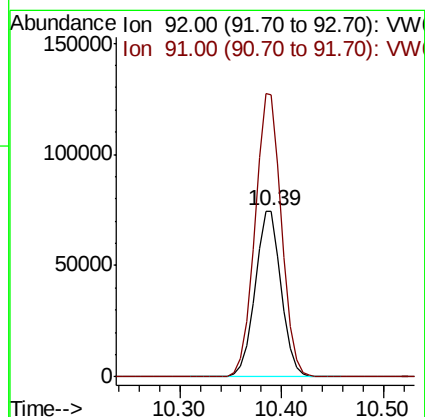
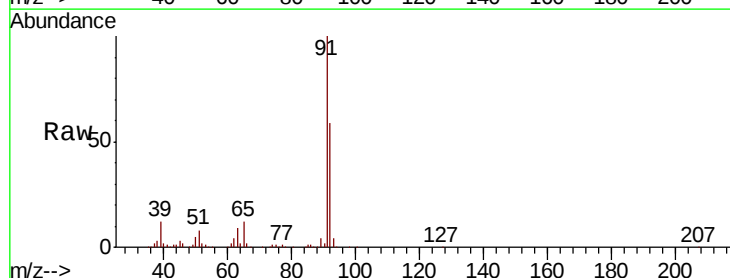
Acq: 23 Jul 2019 21:48

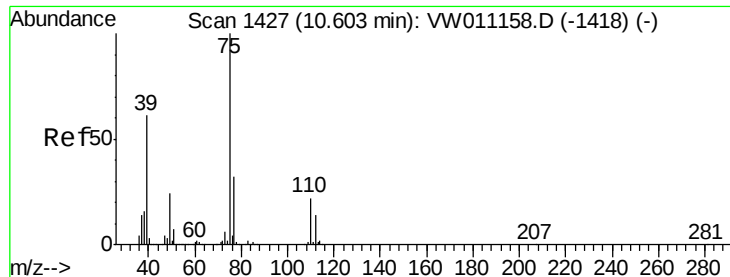
Tgt Ion: 92 Resp: 132961

Ion Ratio Lower Upper

92 100

91 173.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.747 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

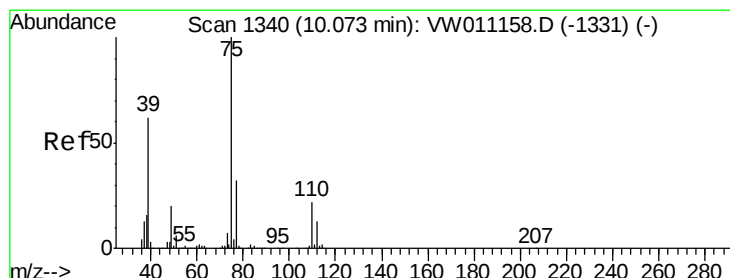
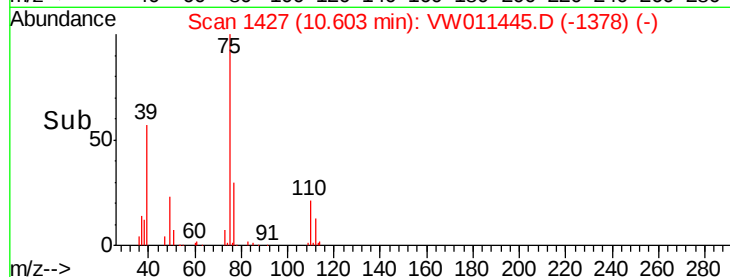
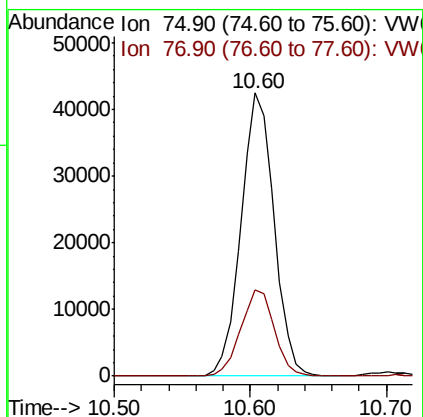
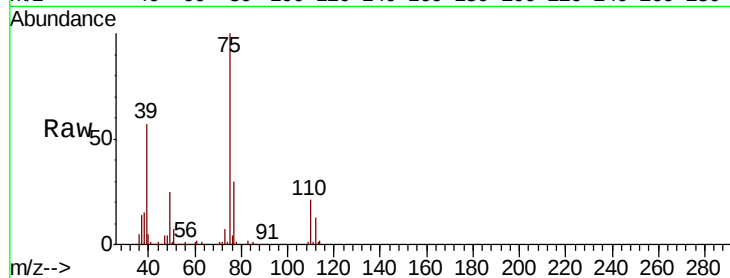
VW0724SBSD01

Tot Ion: 75 Resp: 72130

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.012 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

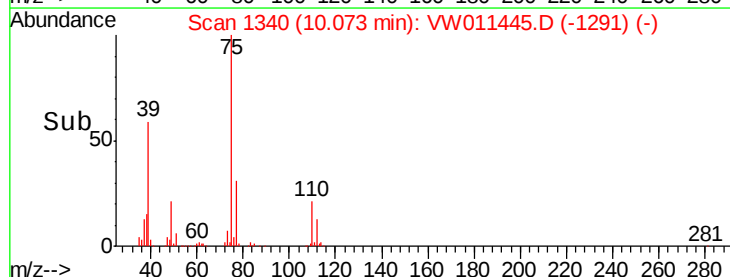
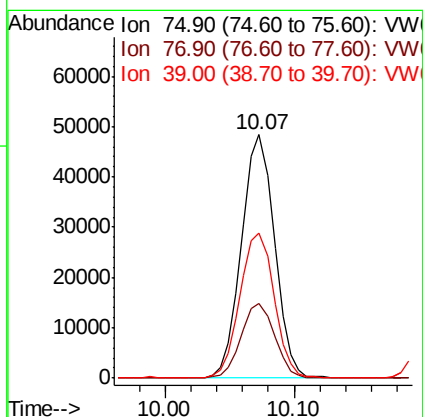
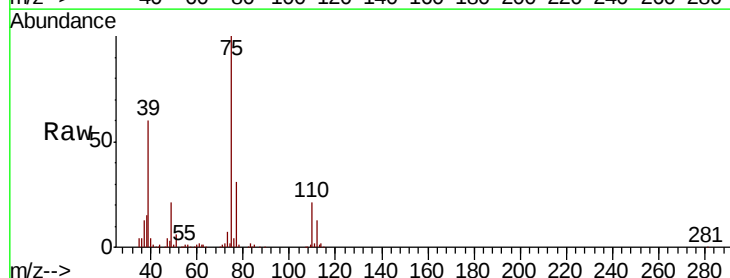
Tgt Ion: 75 Resp: 86097

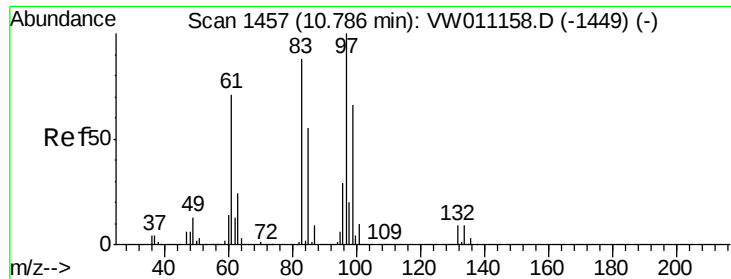
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 59.5 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 19.929 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

Tot Ion: 97 Resp: 39939

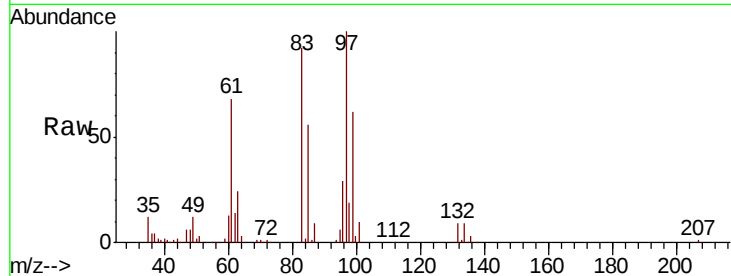
Ion Ratio Lower Upper

97 100

83 91.7 70.2 105.4

85 56.0 44.2 66.2

99 61.9 52.6 79.0

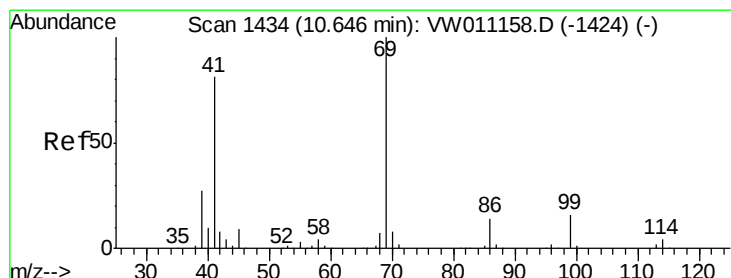
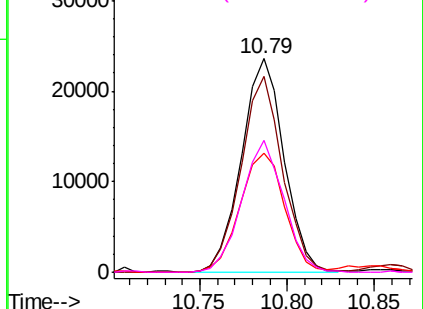
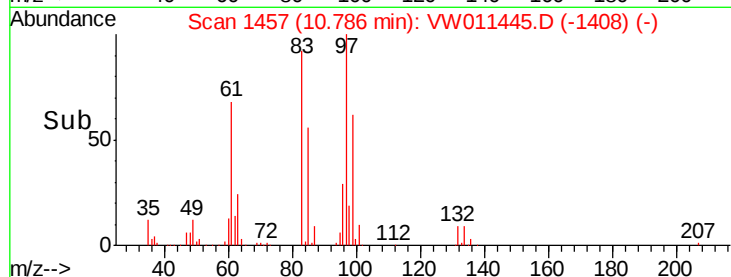


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 18.807 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

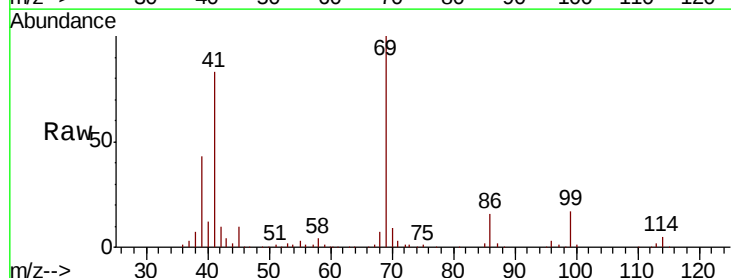
Tgt Ion: 69 Resp: 57384

Ion Ratio Lower Upper

69 100

41 83.5 66.5 99.7

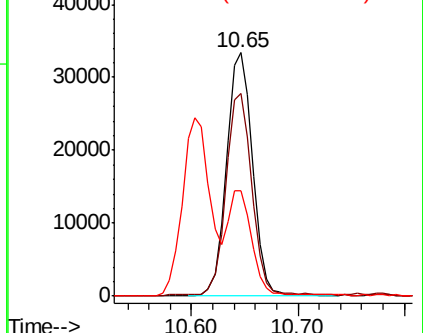
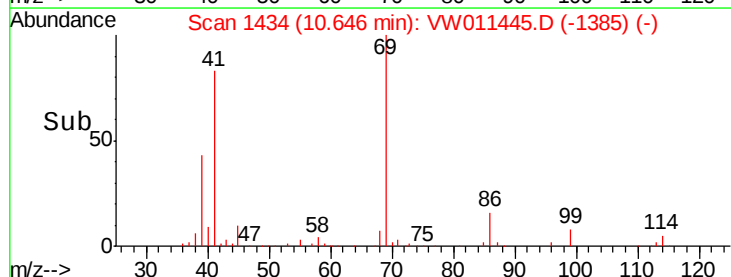
39 38.5 32.5 48.7

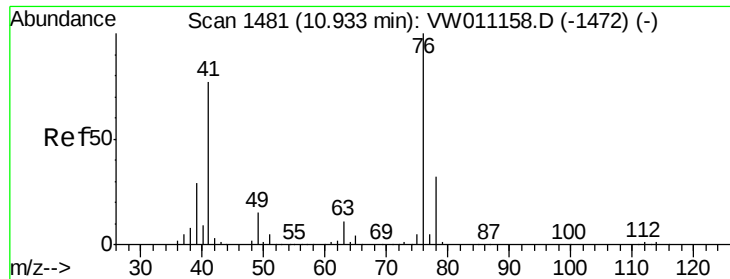


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

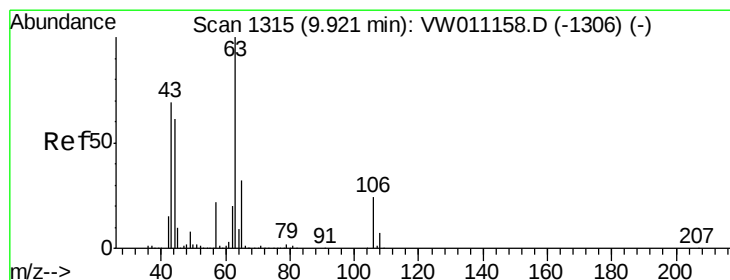
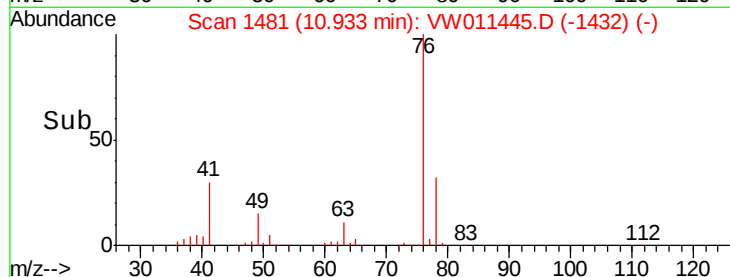
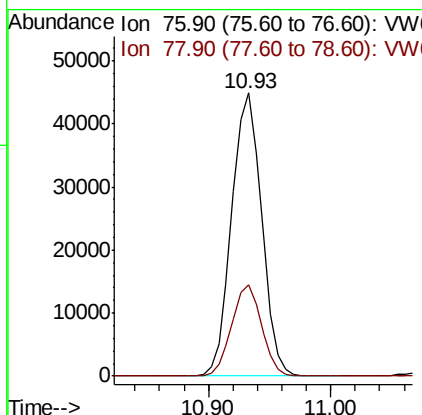
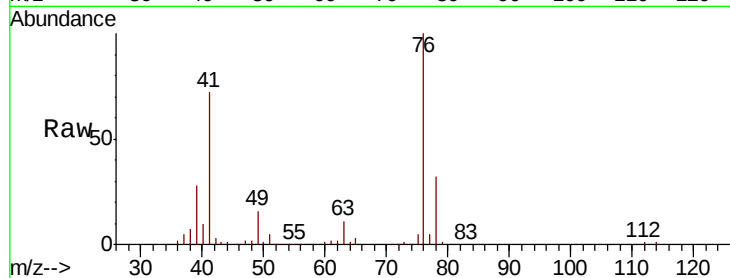




#57
 1,3-Dichloropropane
 Concen: 20.073 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

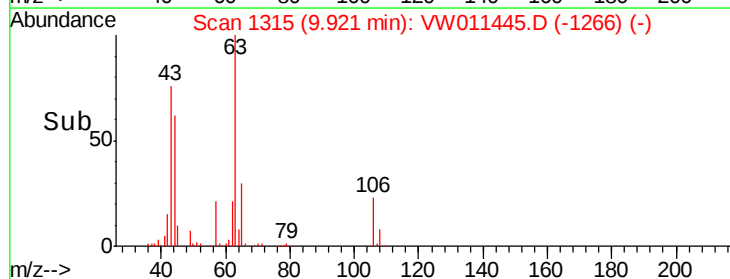
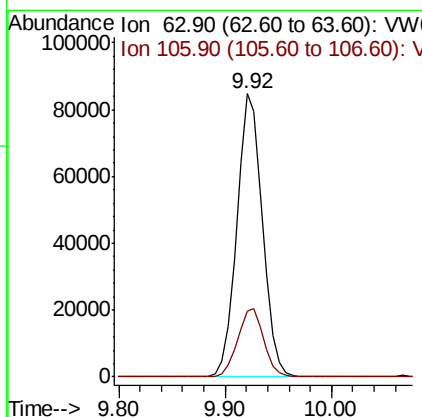
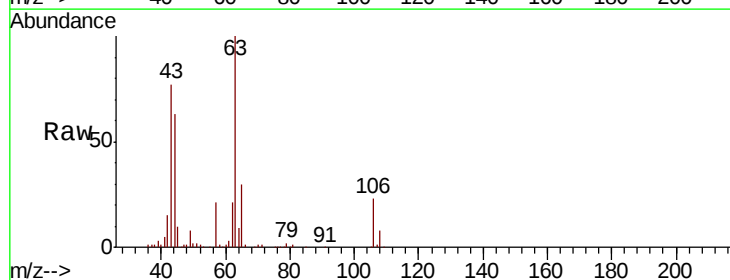
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

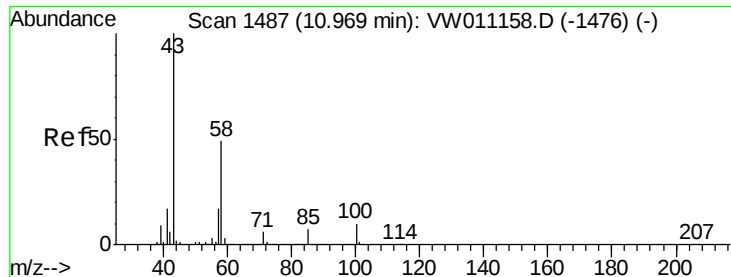
Tot Ion: 76 Resp: 76070
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.222 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 63 Resp: 143181
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

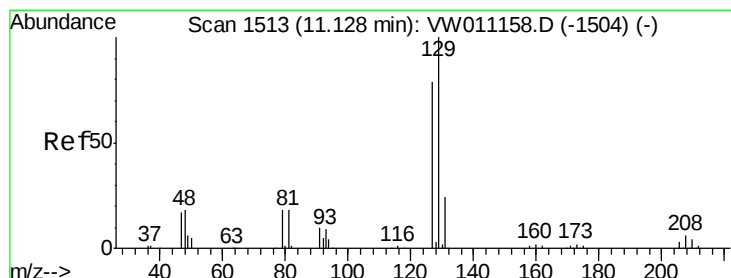
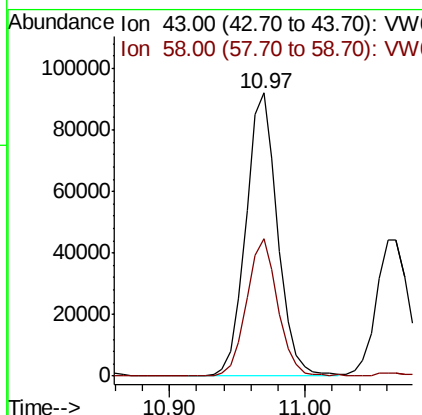
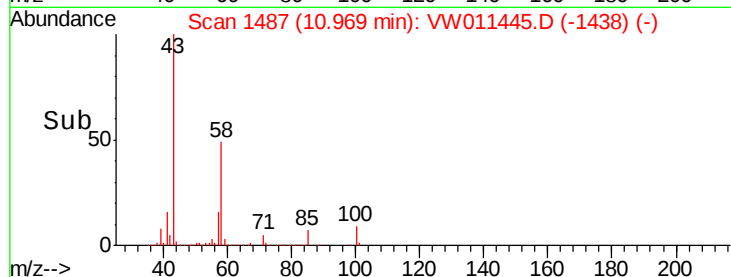
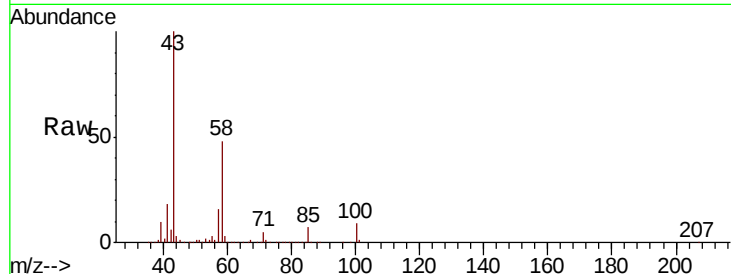




#59
2-Hexanone
Concen: 90.634 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

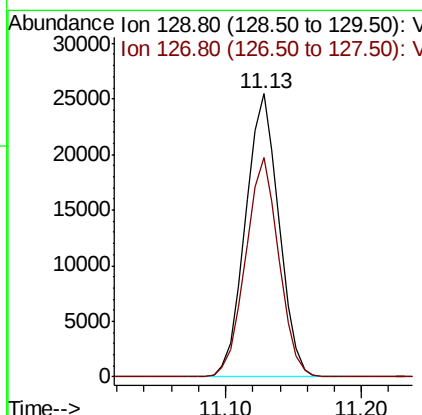
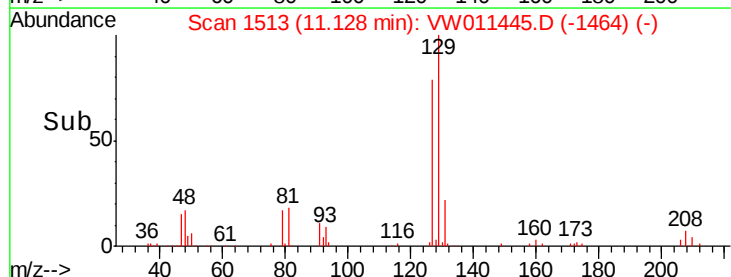
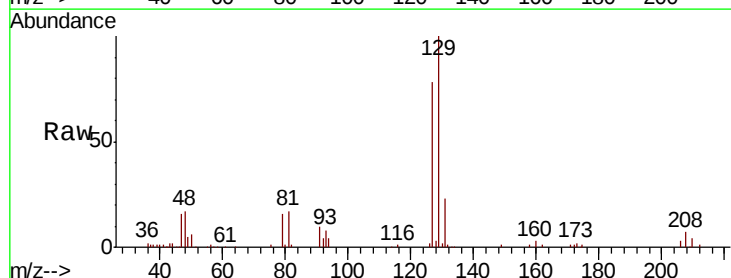
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

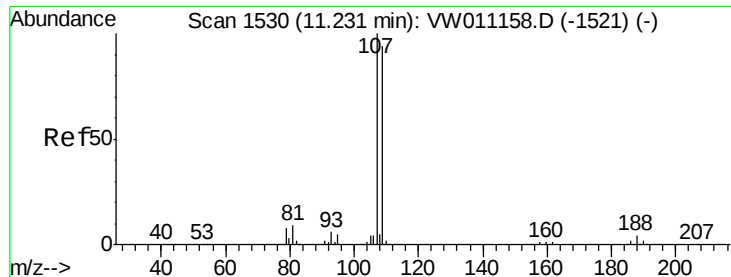
Tot Ion: 43 Resp: 149665
Ion Ratio Lower Upper
43 100
58 47.9 24.4 73.4



#60
Dibromochloromethane
Concen: 19.946 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 129 Resp: 43834
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

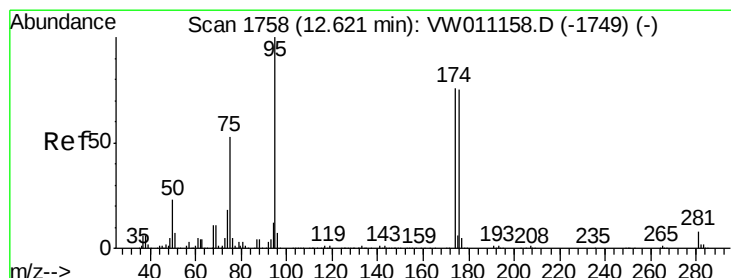
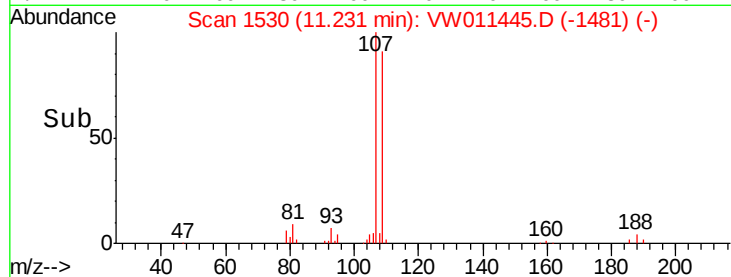
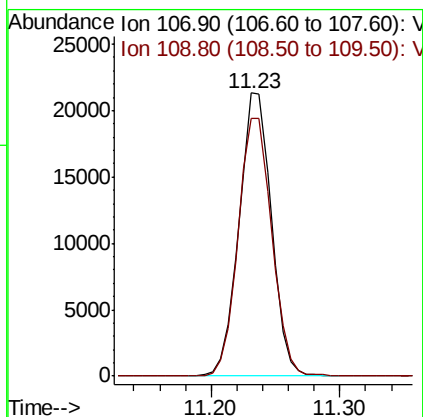
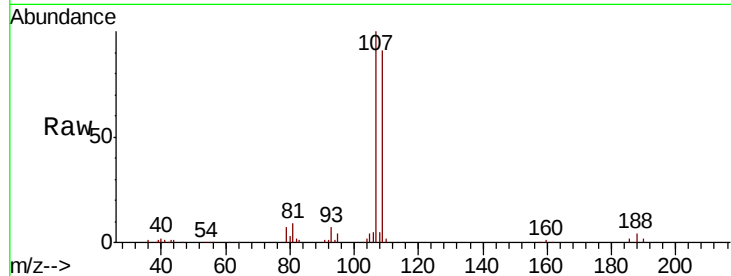




#61
 1,2-Dibromoethane
 Concen: 19.477 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

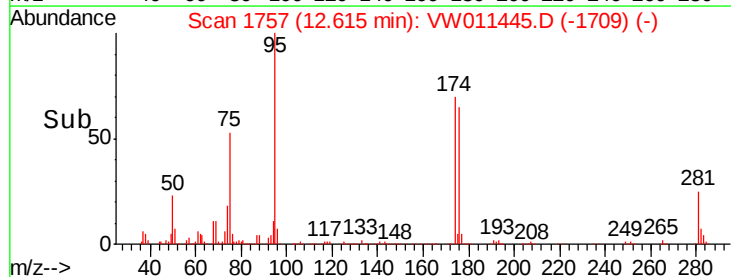
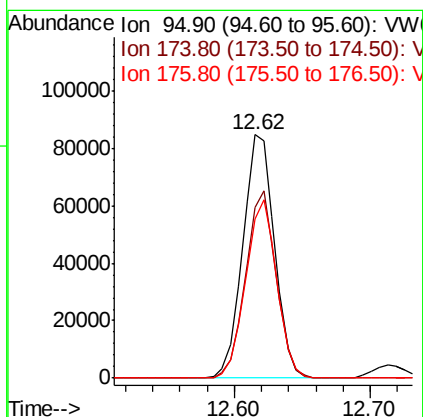
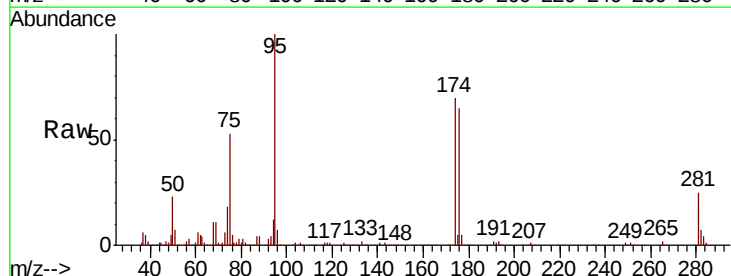
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

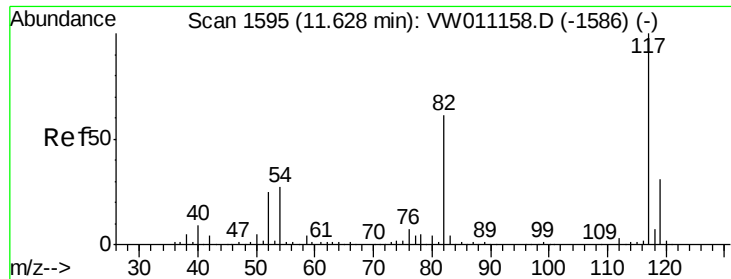
Tot Ion:107 Resp: 36974
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 41.315 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 95 Resp: 137676
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 147.6
 176 72.0 0.0 144.6

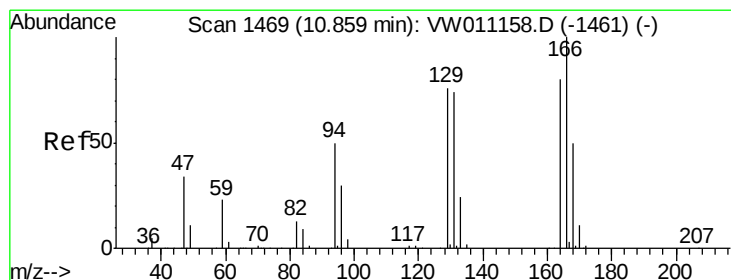
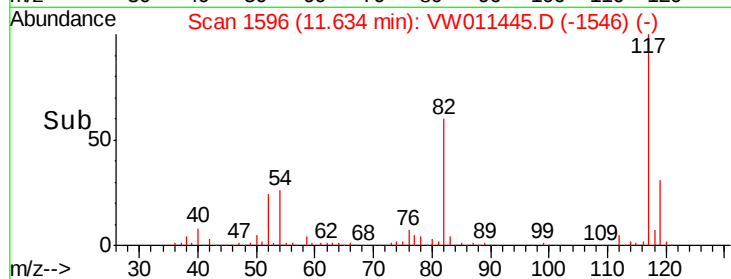
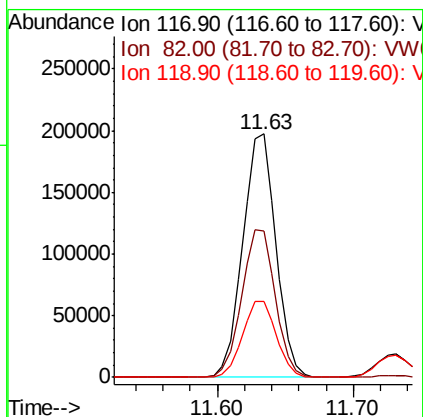
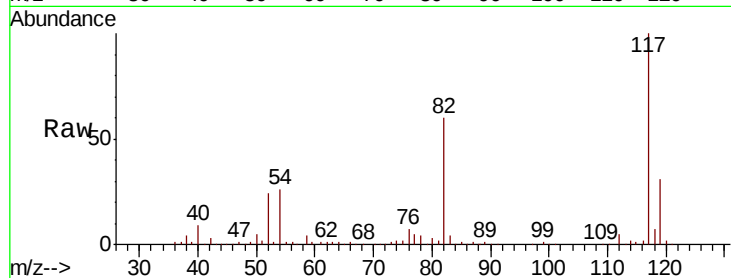




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

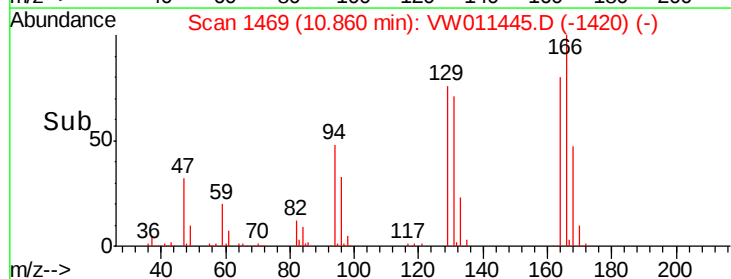
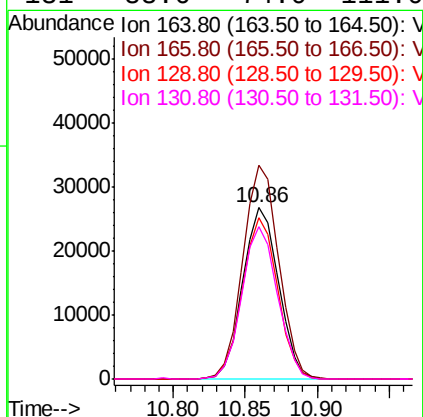
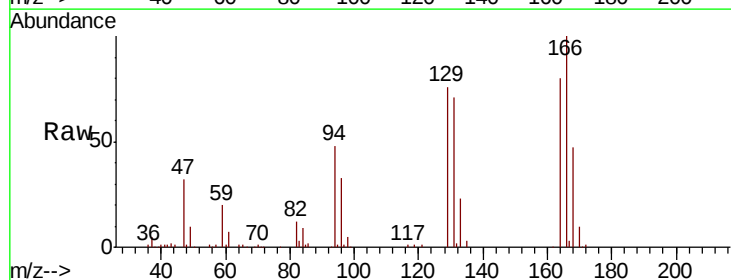
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

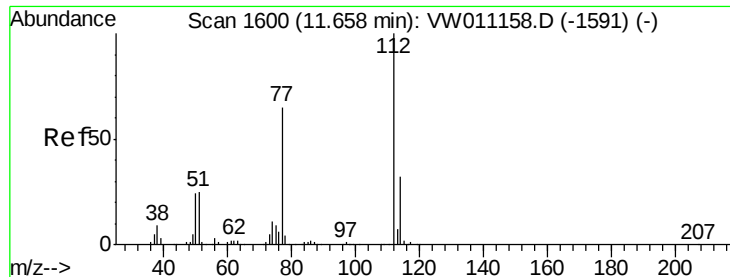
Tot Ion:117 Resp: 337029
Ion Ratio Lower Upper
117 100
82 60.0 48.9 73.3
119 31.1 25.0 37.6



#64
Tetrachloroethene
Concen: 20.197 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion:164 Resp: 45931
Ion Ratio Lower Upper
164 100
166 124.5 99.7 149.5
129 94.1 76.2 114.2
131 88.6 74.0 111.0

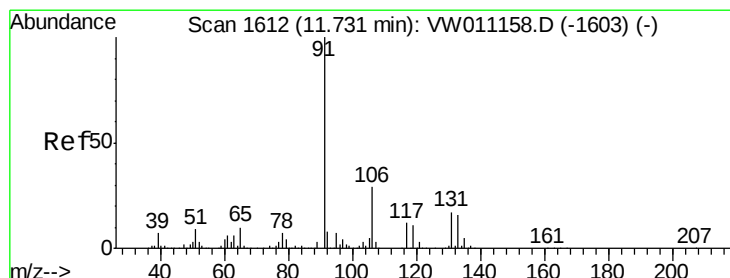
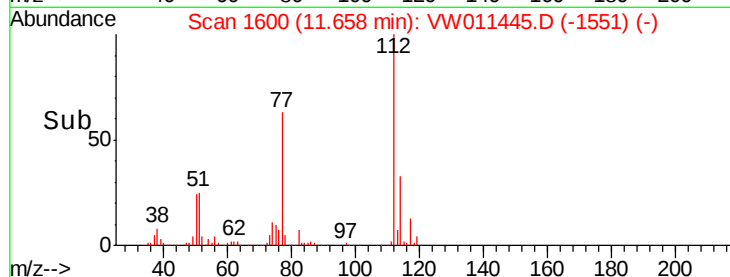
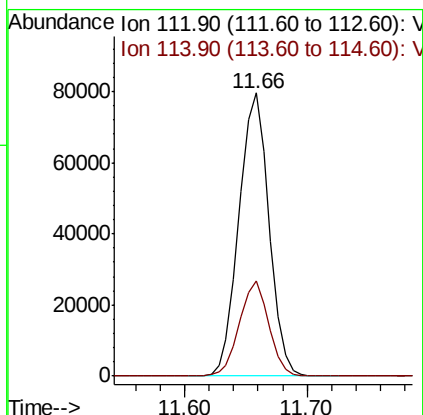
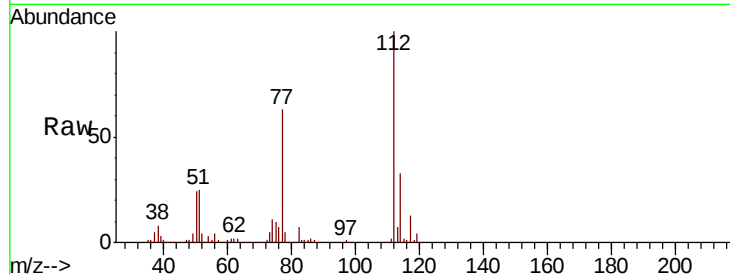




#65
Chlorobenzene
Concen: 19.739 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

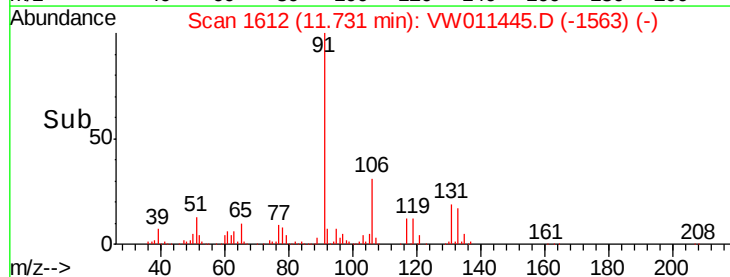
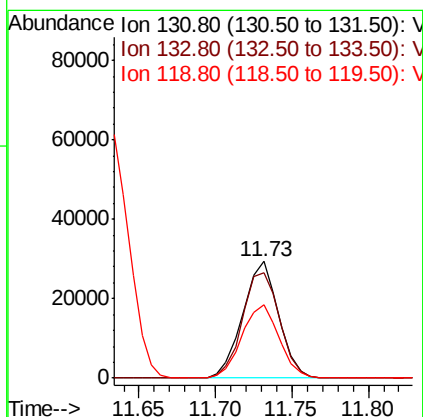
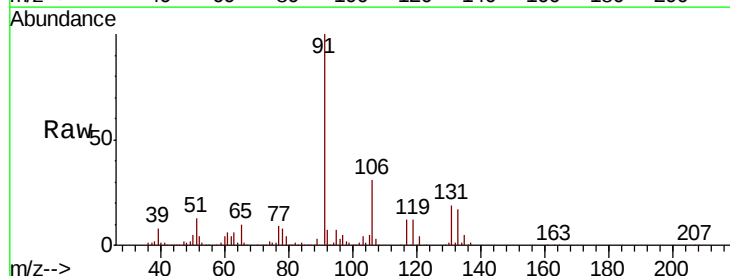
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

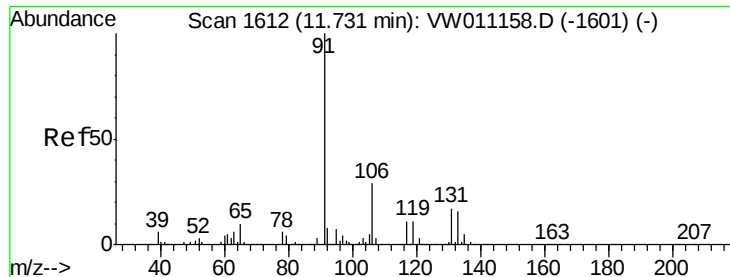
Tot Ion:112 Resp: 135257
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.773 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion:131 Resp: 47706
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 65.4 33.1 99.2

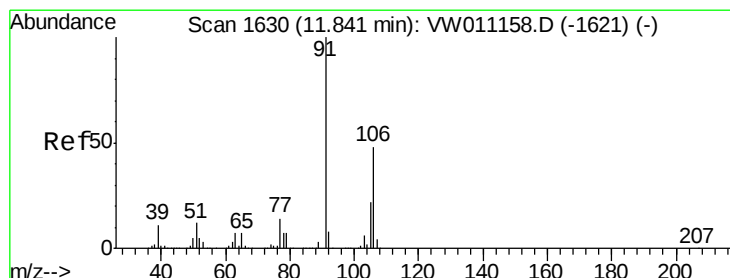
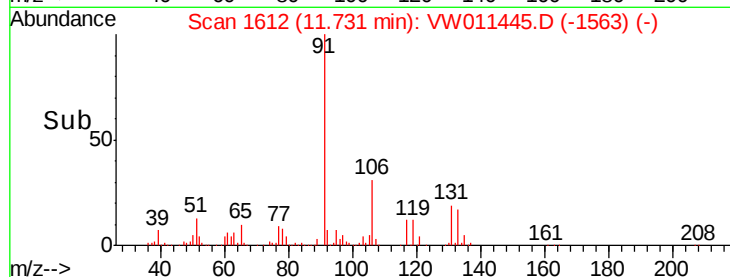
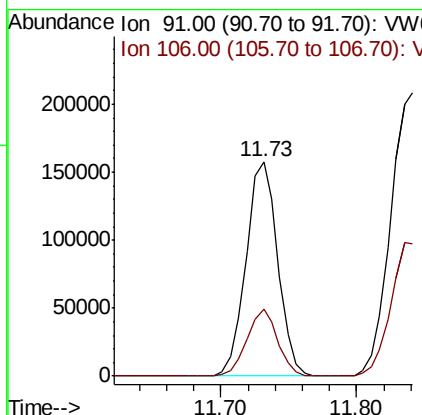
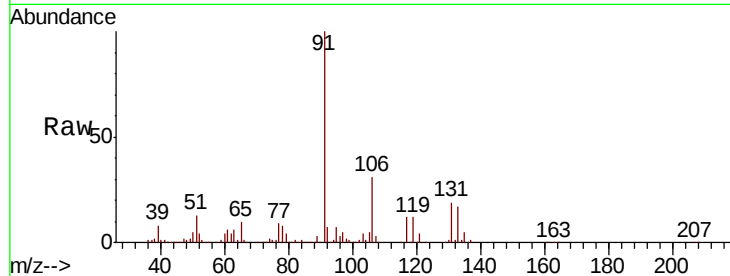




#67
Ethyl Benzene
Concen: 19.612 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

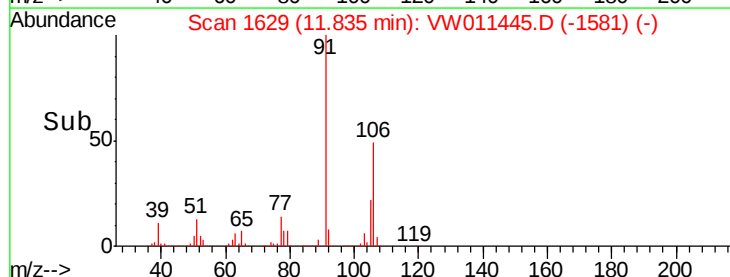
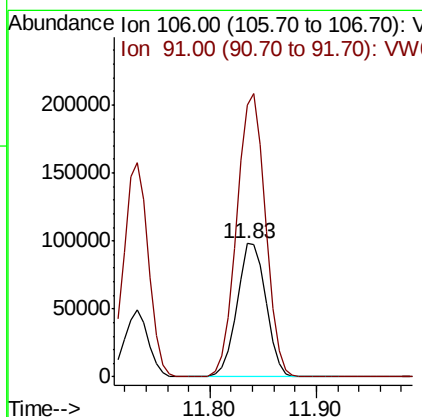
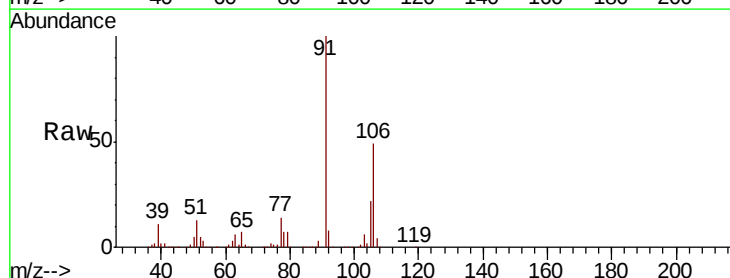
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

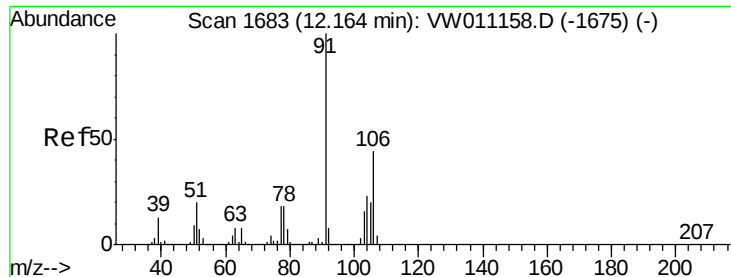
Tot Ion: 91 Resp: 257267
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3



#68
m/p-Xylenes
Concen: 39.588 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion: 106 Resp: 187903
Ion Ratio Lower Upper
106 100
91 210.1 167.7 251.5

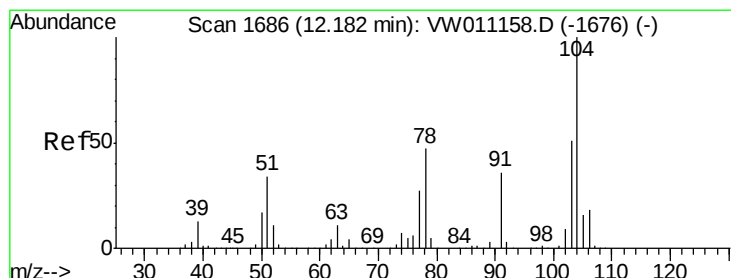
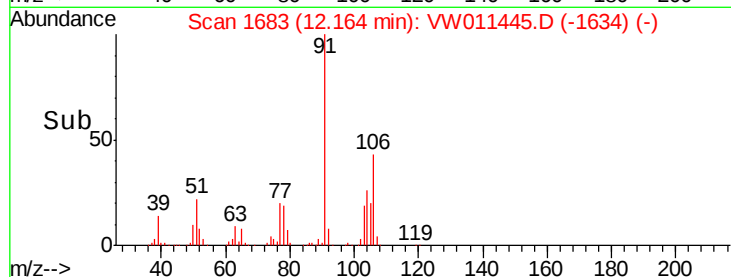
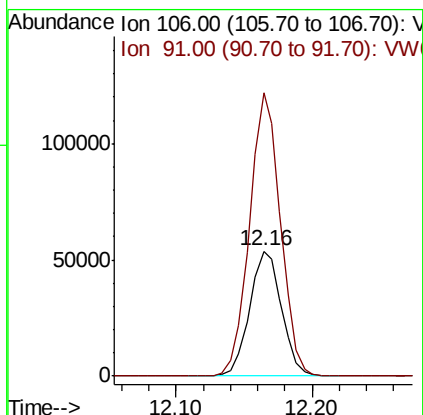
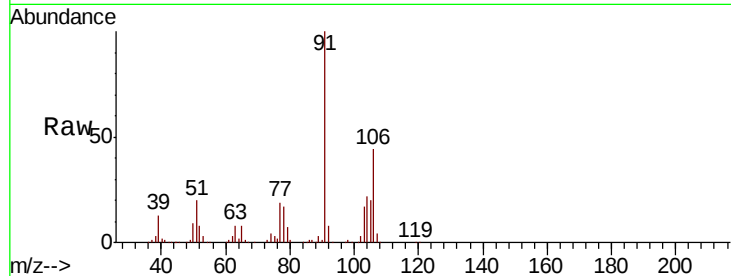




#69
o-Xylene
Concen: 19.697 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

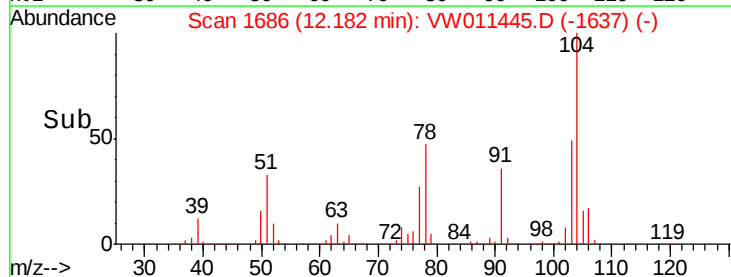
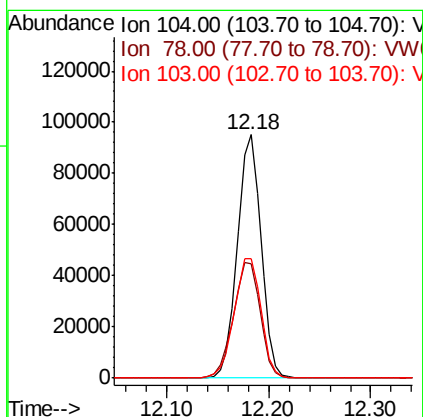
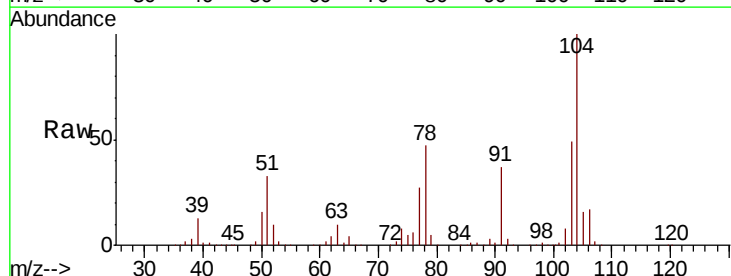
Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

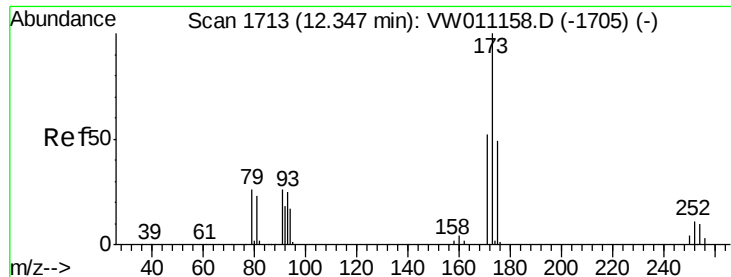
Tot Ion:106 Resp: 88115
Ion Ratio Lower Upper
106 100
91 220.4 110.7 332.1



#70
Styrene
Concen: 19.780 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion:104 Resp: 152714
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 55.4 44.1 66.1





#71

Bromoform

Concen: 18.856 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

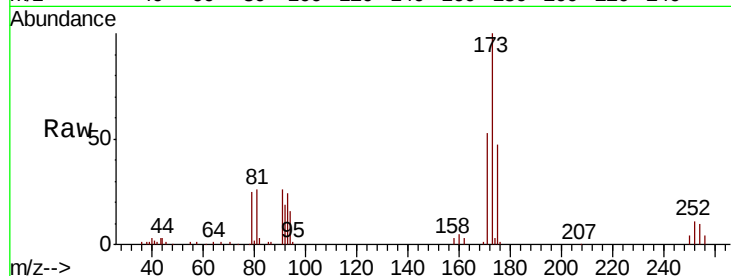
Tot Ion:173 Resp: 24188

Ion Ratio Lower Upper

173 100

175 47.4 24.8 74.3

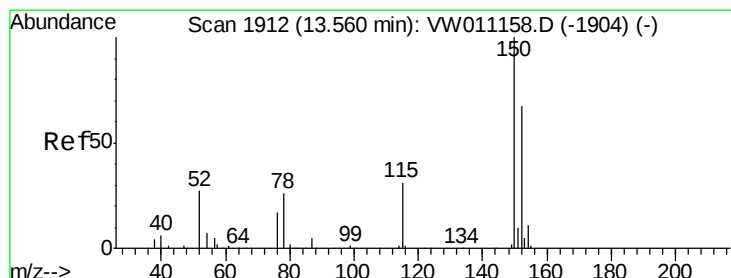
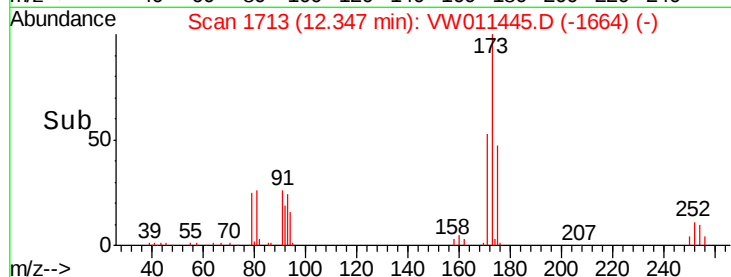
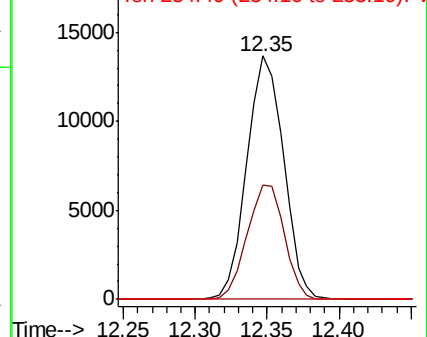
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

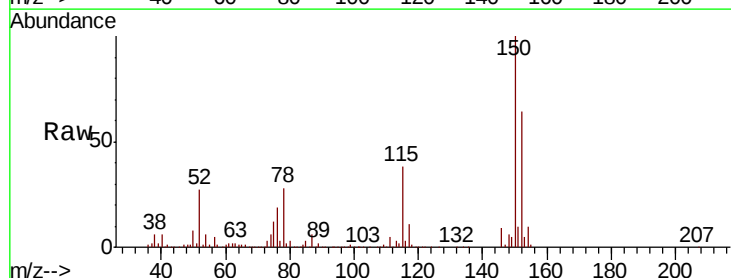
Tgt Ion:152 Resp: 163511

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

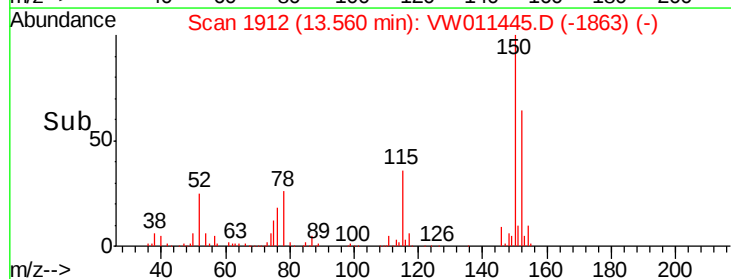
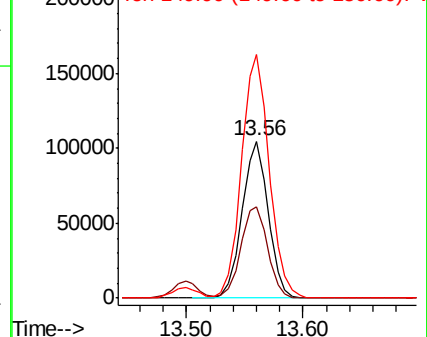
150 164.8 0.0 346.0

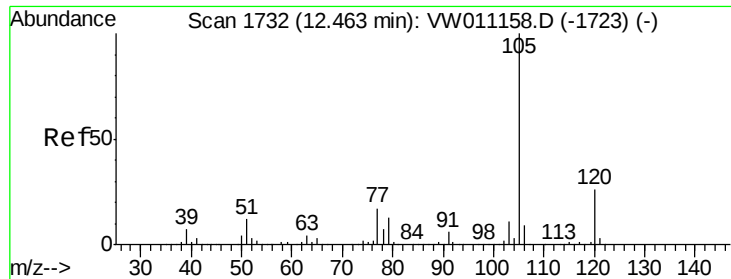


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.921 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

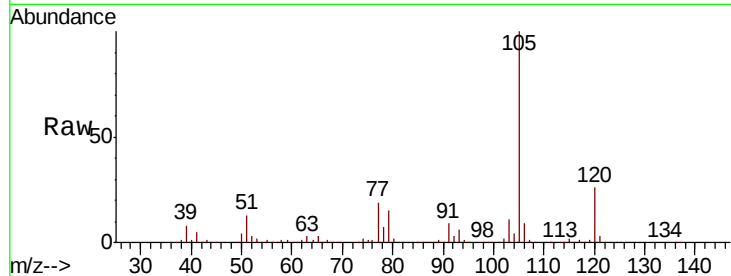
VW0724SBS01

Tot Ion:105 Resp: 243493

Ion Ratio Lower Upper

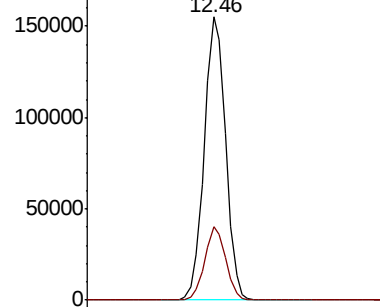
105 100

120 25.3 12.8 38.3

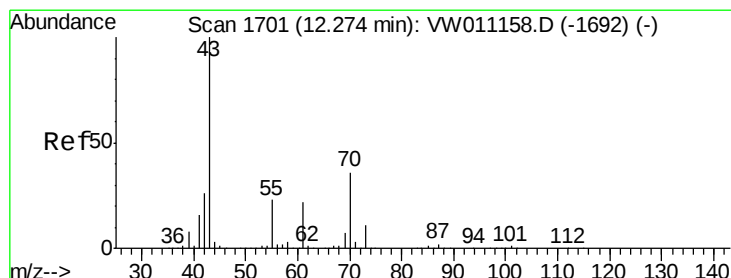
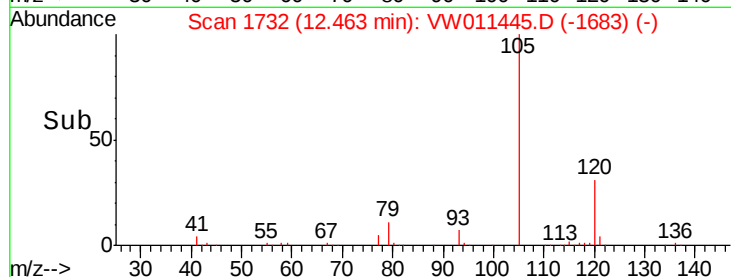


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 18.087 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Tgt Ion: 43 Resp: 76998

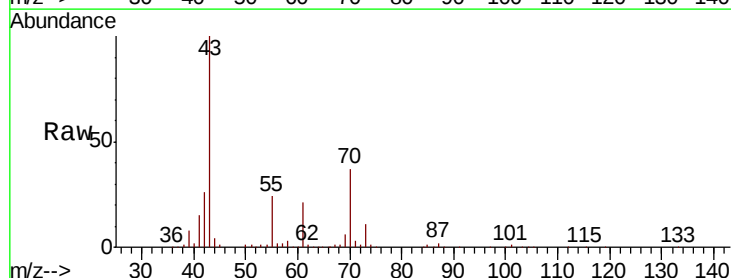
Ion Ratio Lower Upper

43 100

70 36.0 28.5 42.7

55 23.2 18.1 27.1

61 20.9 17.2 25.8

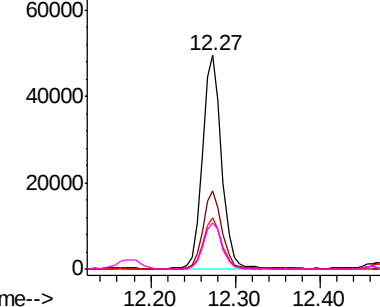


Abundance Ion 43.00 (42.70 to 43.70): VW

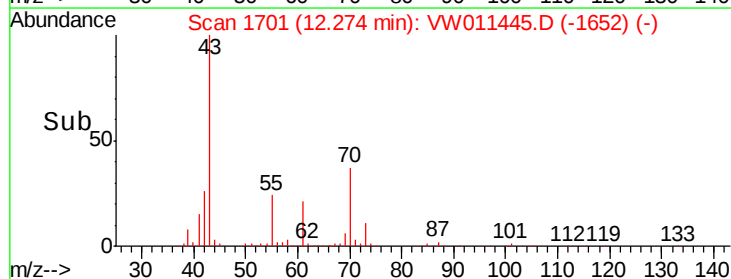
Ion 70.00 (69.70 to 70.70): VW

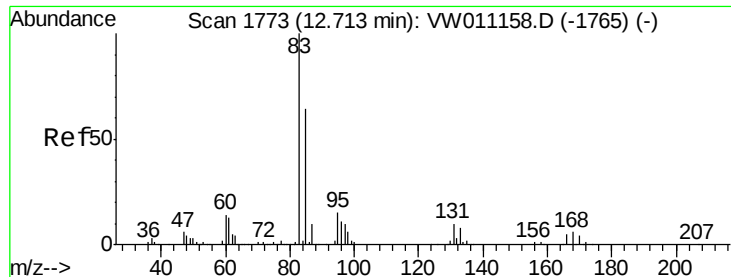
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.714 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

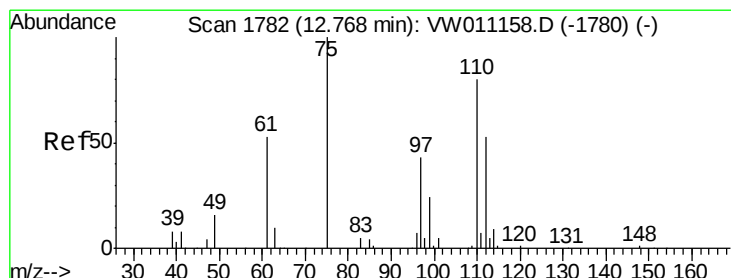
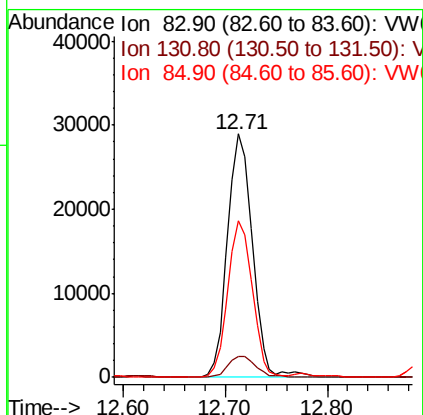
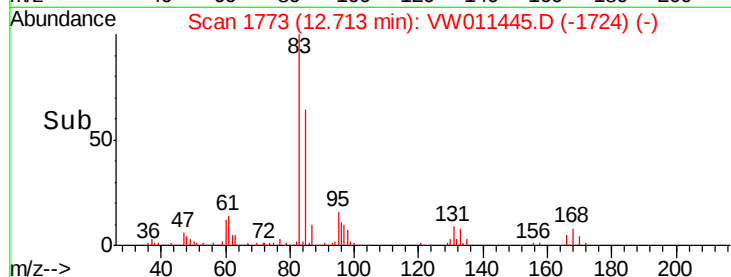
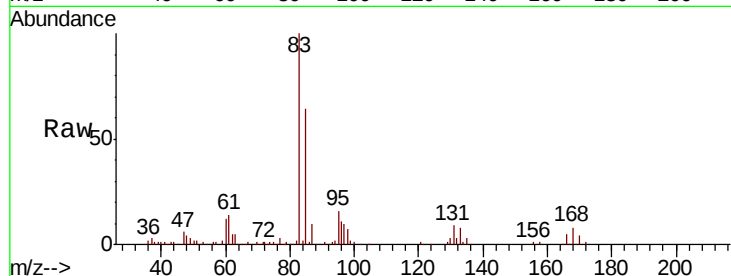
Tot Ion: 83 Resp: 49394

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 62.6 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 32.374 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011445.D

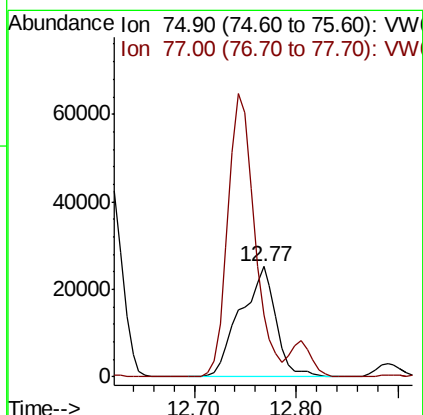
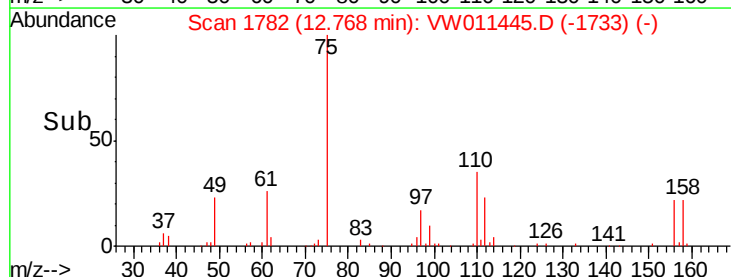
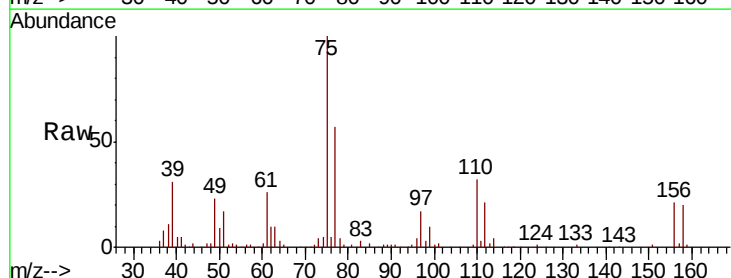
Acq: 23 Jul 2019 21:48

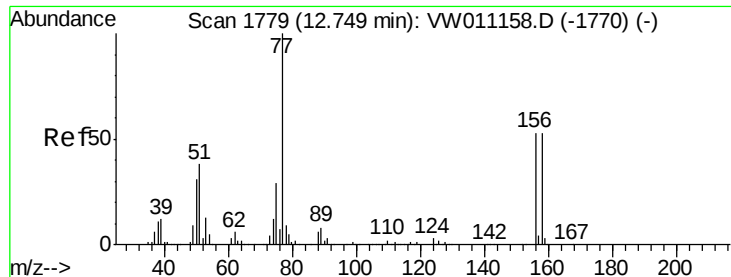
Tgt Ion: 75 Resp: 61174

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.325 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

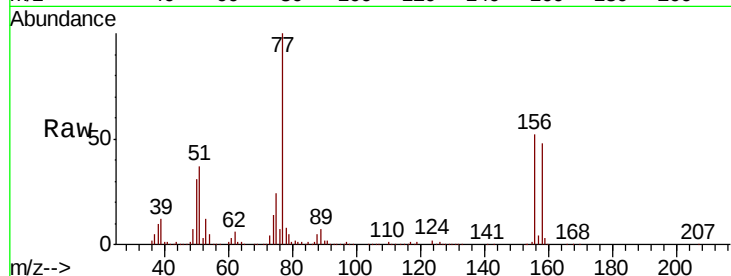
Tot Ion:156 Resp: 55752

Ion Ratio Lower Upper

156 100

77 212.1 109.0 327.0

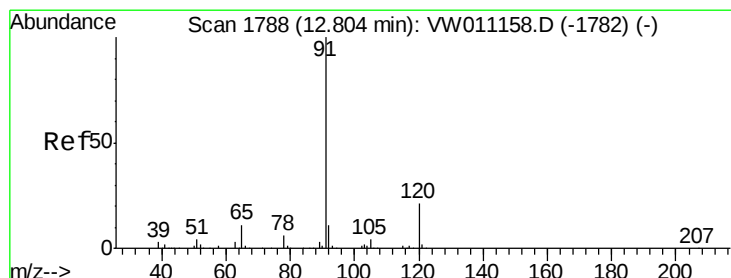
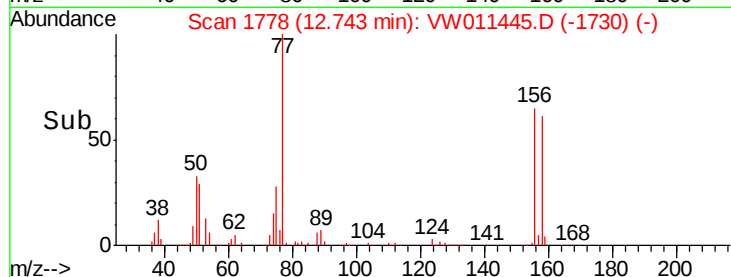
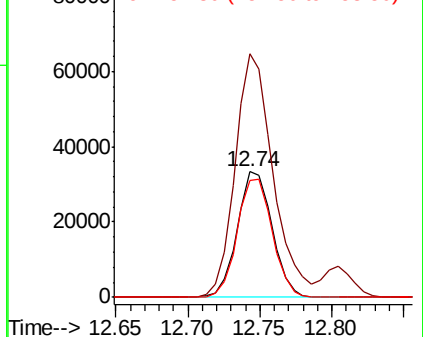
158 95.3 48.8 146.3



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: 19.776 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011445.D

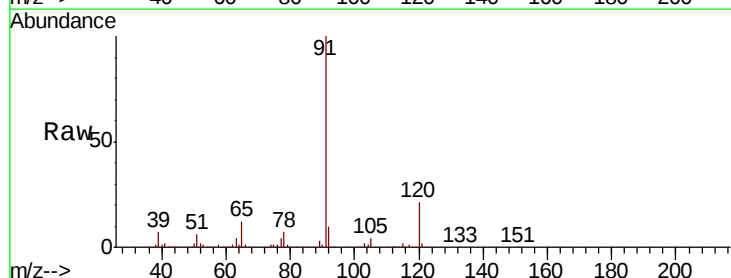
Acq: 23 Jul 2019 21:48

Tgt Ion: 91 Resp: 297772

Ion Ratio Lower Upper

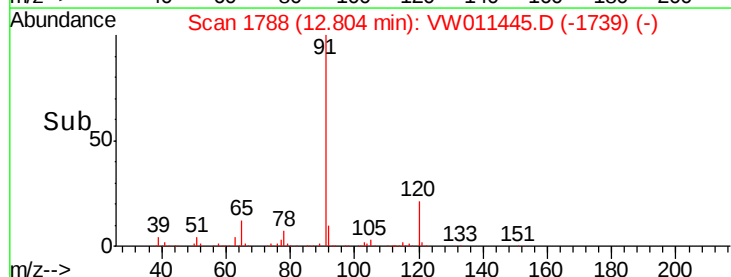
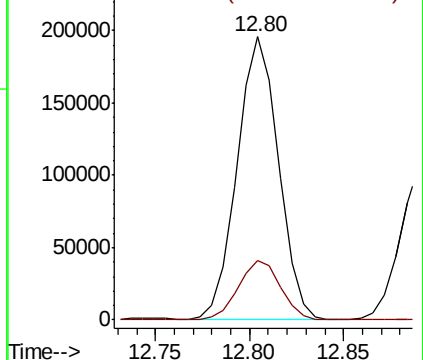
91 100

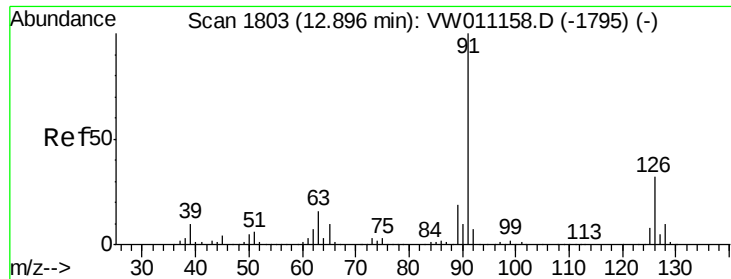
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

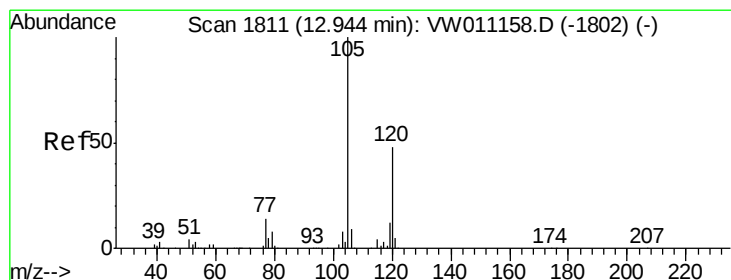
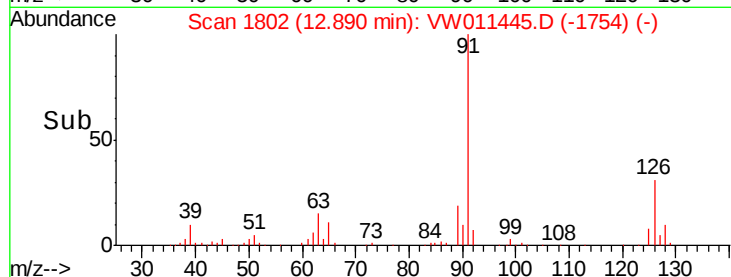
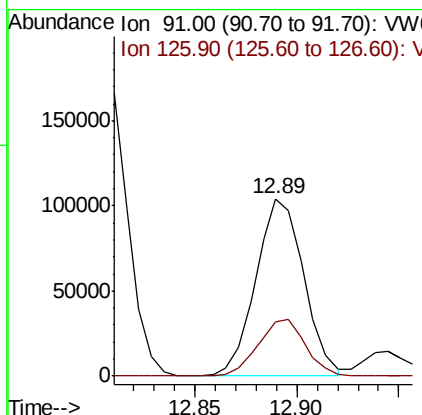
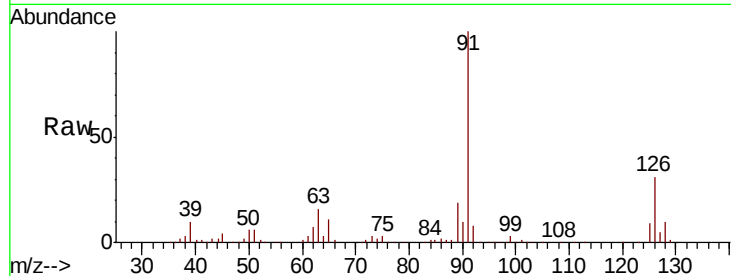




#79
 2-Chlorotoluene
 Concen: 19.589 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

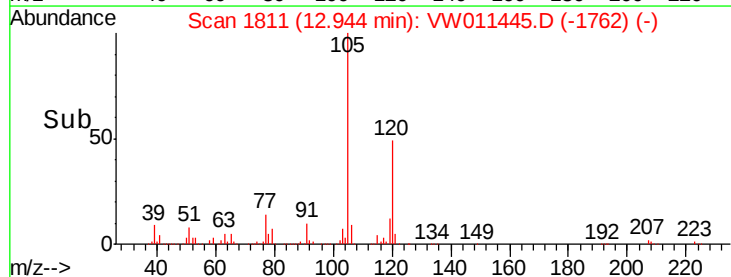
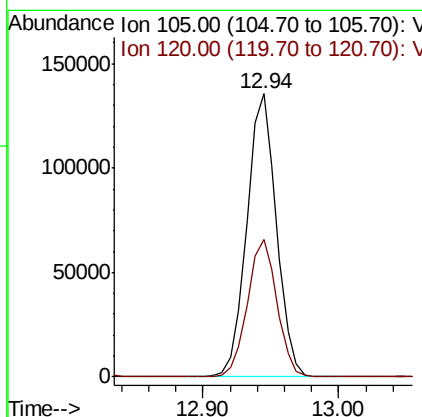
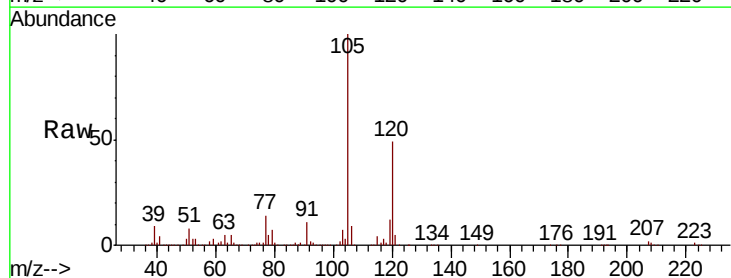
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

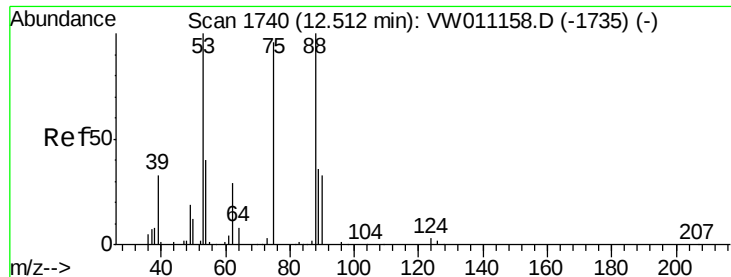
Tot Ion: 91 Resp: 169727
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.808 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion:105 Resp: 205687
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.979 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

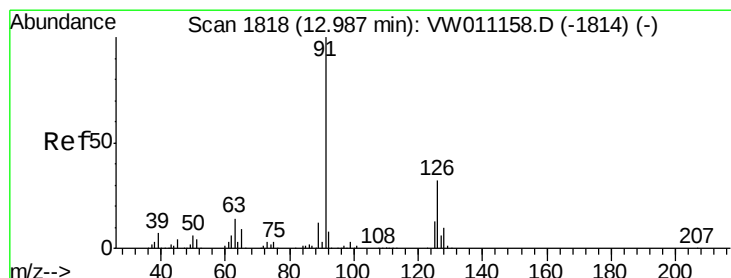
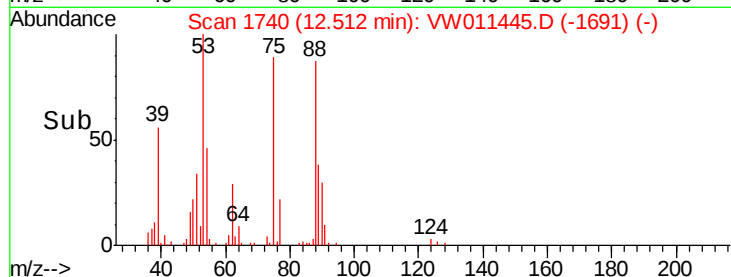
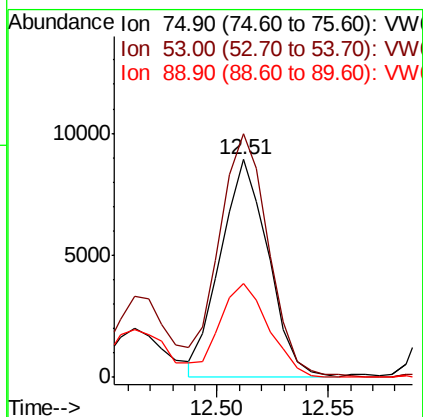
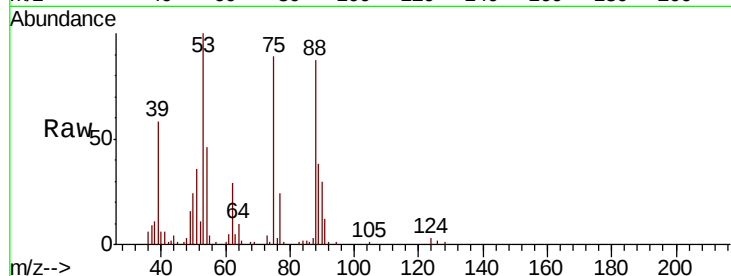
Tot Ion: 75 Resp: 13349

Ion Ratio Lower Upper

75 100

53 115.3 89.8 134.6

89 44.3 34.3 51.5



#82

4-Chlorotoluene

Concen: 19.796 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW011445.D

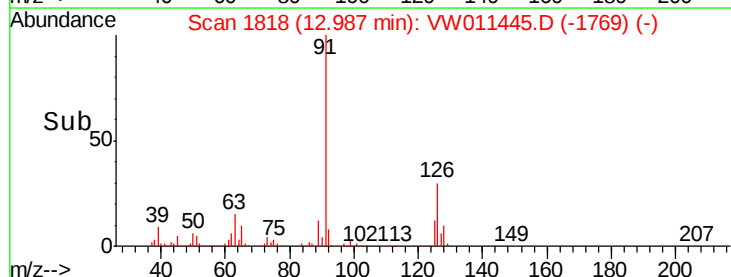
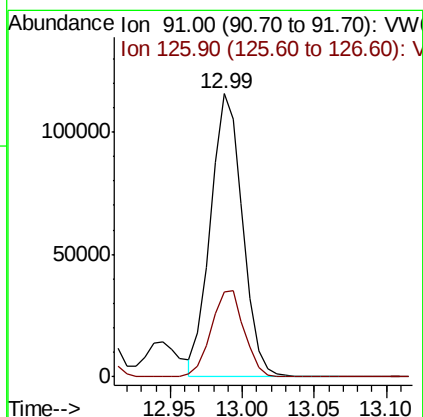
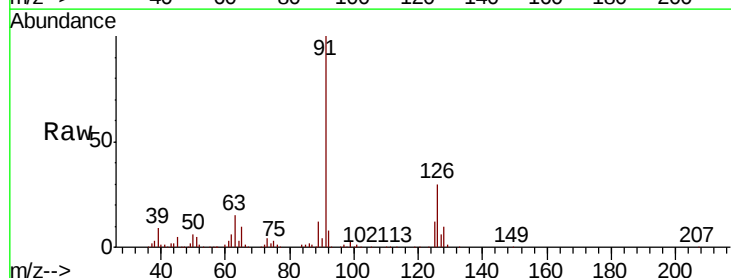
Acq: 23 Jul 2019 21:48

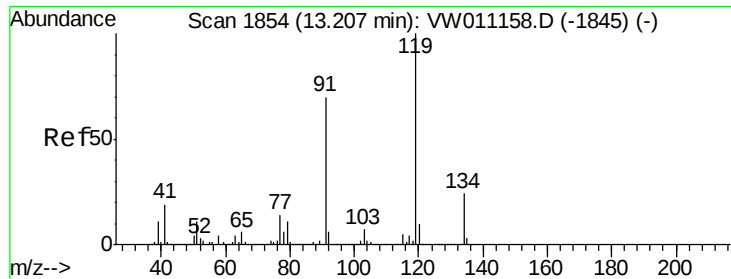
Tgt Ion: 91 Resp: 178653

Ion Ratio Lower Upper

91 100

126 31.8 15.7 47.1

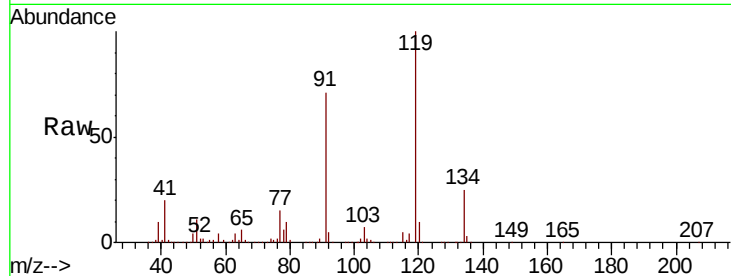




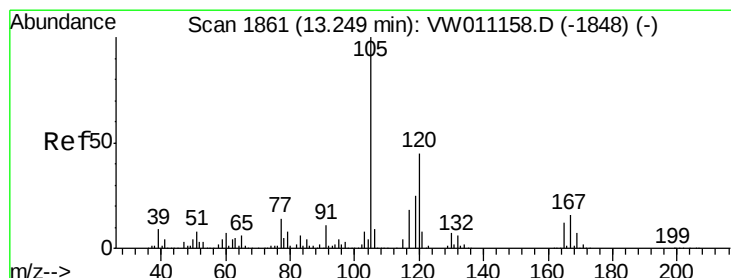
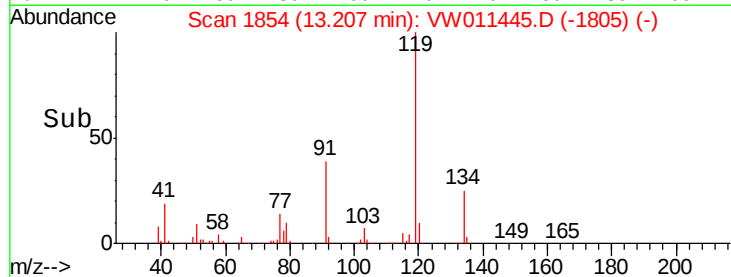
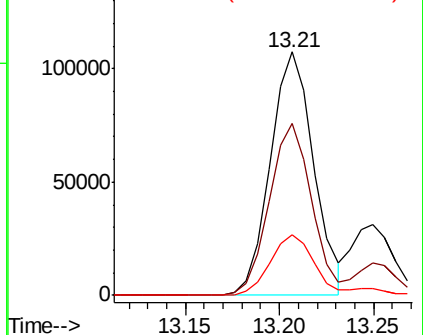
#83
tert-Butylbenzene
Concen: 19.864 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBSD01

Tot Ion:119 Resp: 172025
Ion Ratio Lower Upper
119 100
91 68.5 35.4 106.3
134 25.1 13.4 40.2

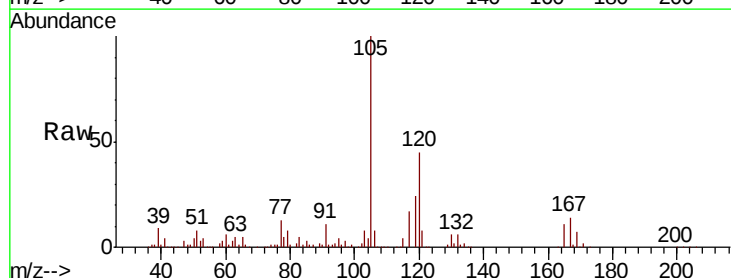


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

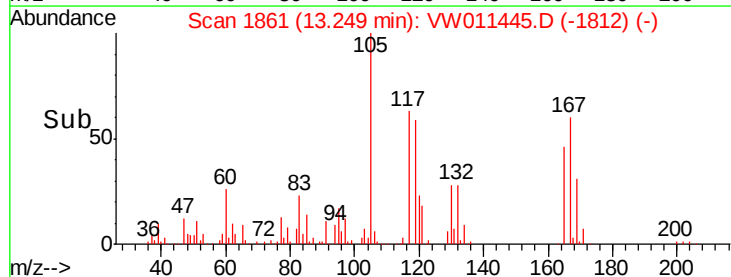
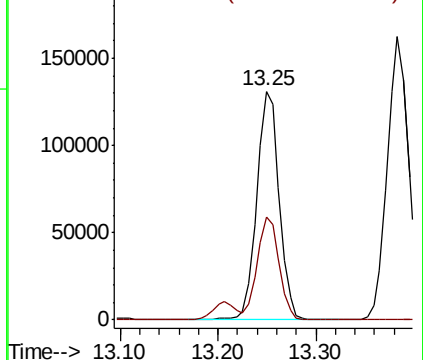


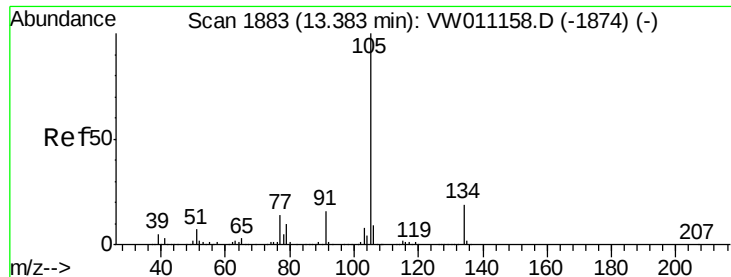
#84
1,2,4-Trimethylbenzene
Concen: 19.915 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011445.D
Acq: 23 Jul 2019 21:48

Tgt Ion:105 Resp: 207647
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: 19.605 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

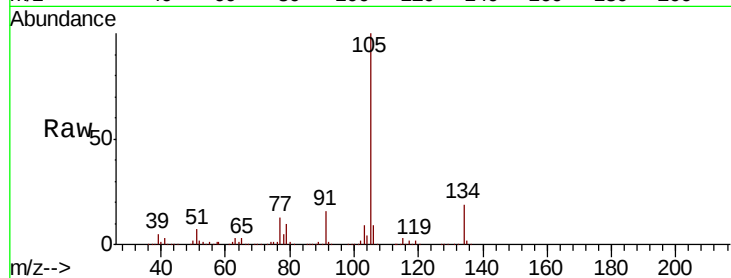
VW0724SBSD01

Tot Ion:105 Resp: 244990

Ion Ratio Lower Upper

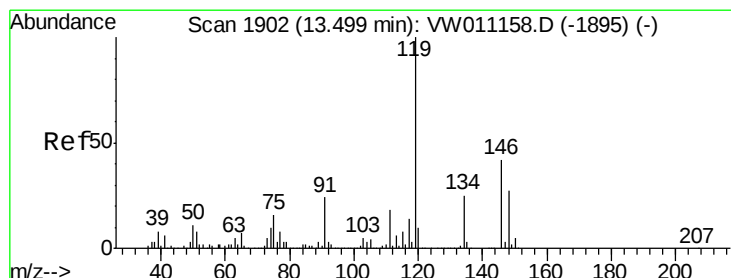
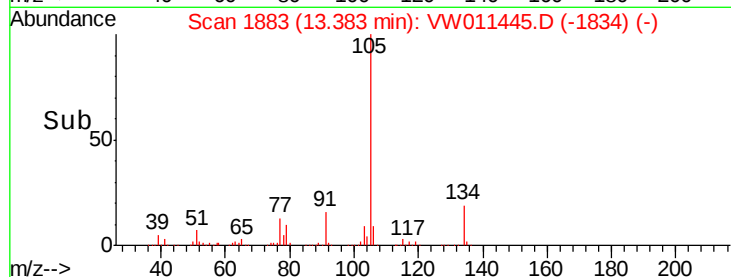
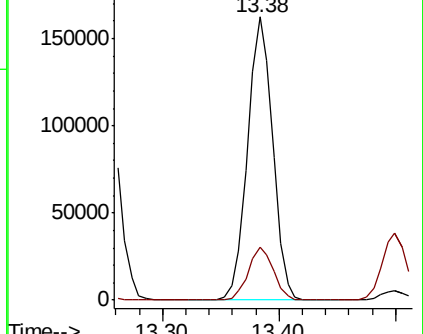
105 100

134 18.8 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: 19.720 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

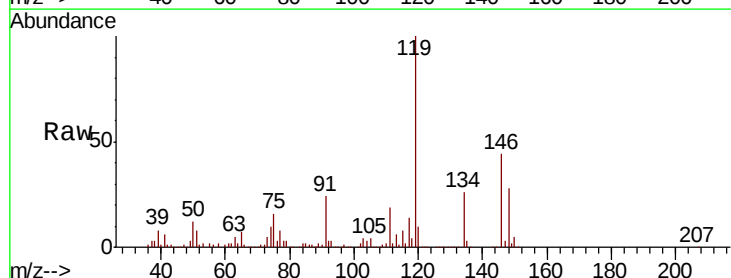
Tgt Ion:119 Resp: 221025

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

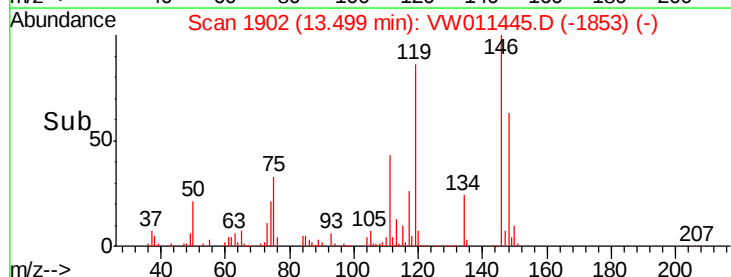
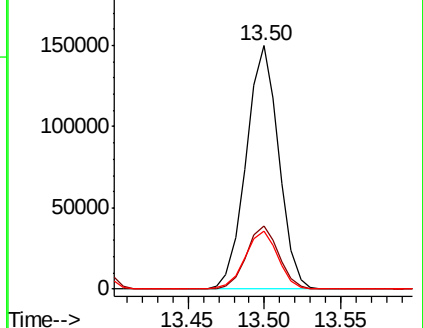
91 23.9 12.3 36.8

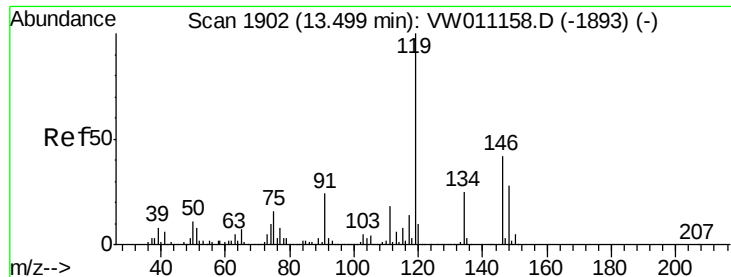


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

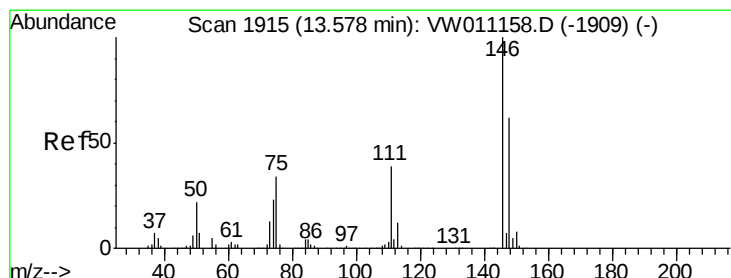
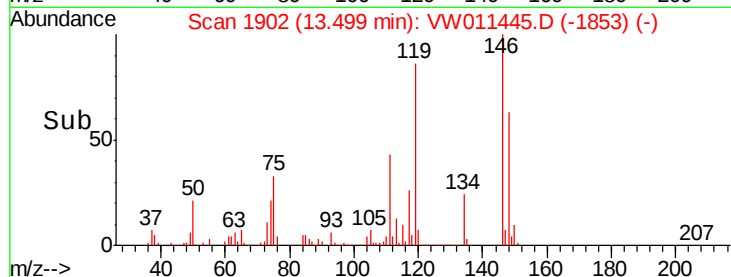
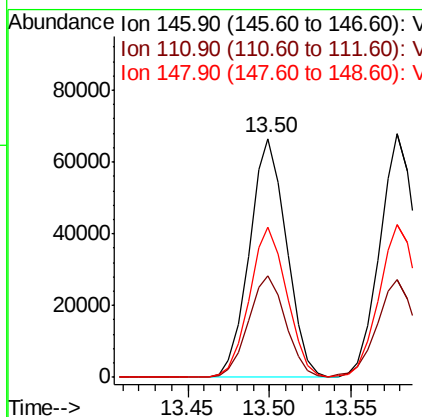
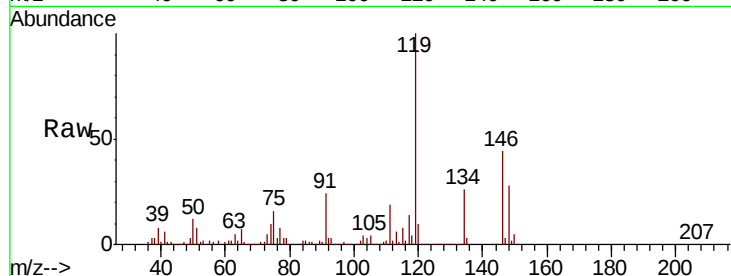




#87
 1,3-Dichlorobenzene
 Concen: 19.999 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

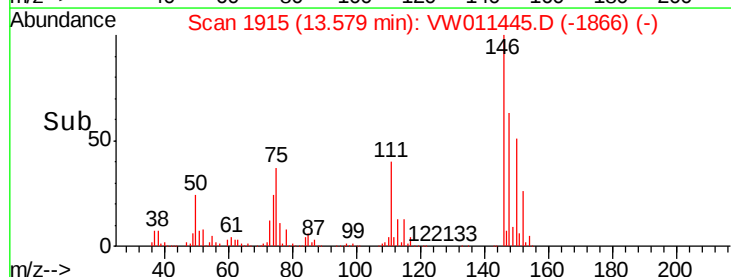
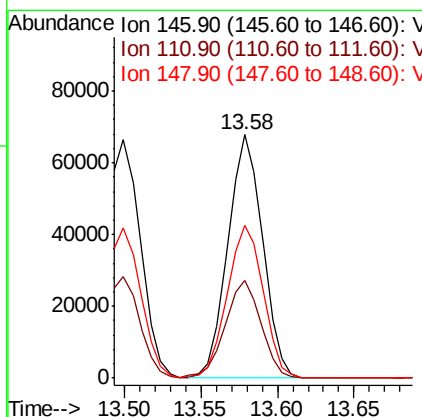
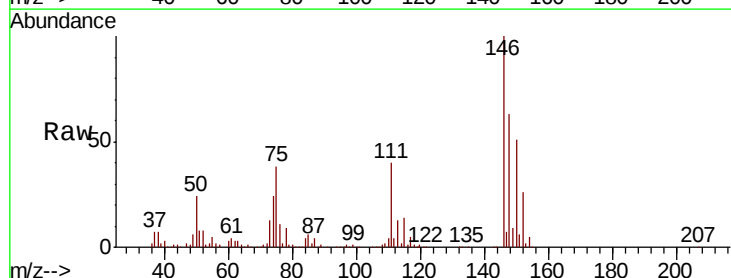
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

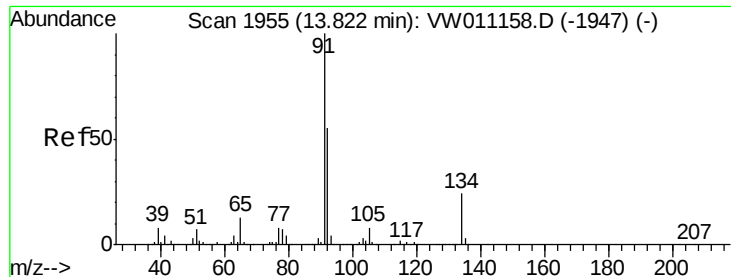
Tot Ion:146 Resp: 105546
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.1
 148 63.3 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion:146 Resp: 106943
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 64.8 31.5 94.5





#89

n-Butylbenzene

Concen: 19.397 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

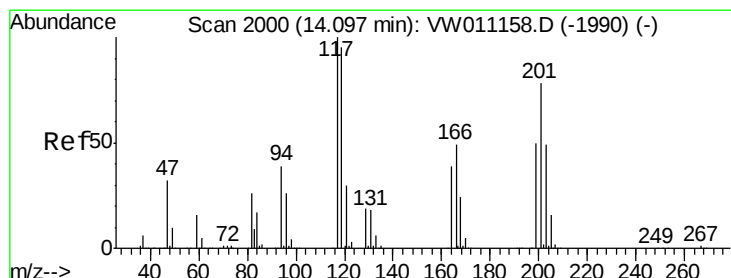
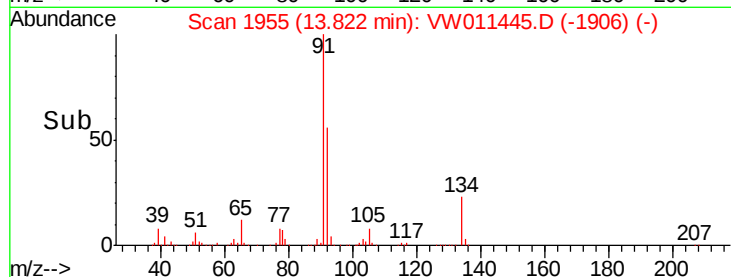
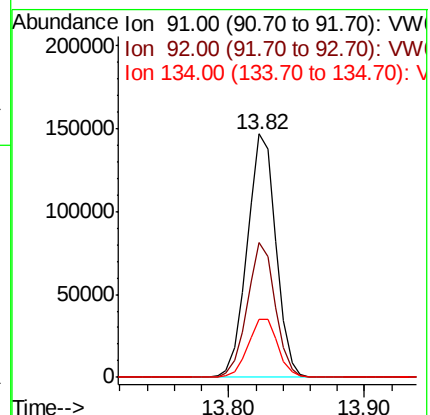
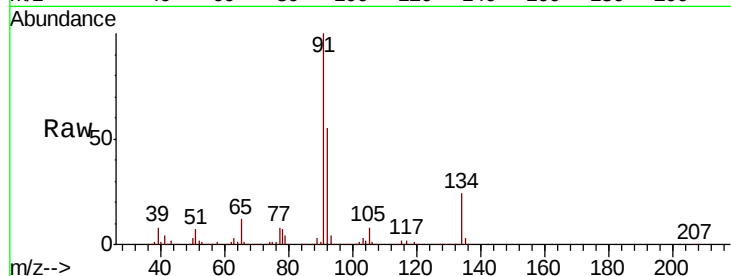
Tot Ion: 91 Resp: 216881

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.7

134 24.7 12.2 36.4



#90

Hexachloroethane

Concen: 19.177 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011445.D

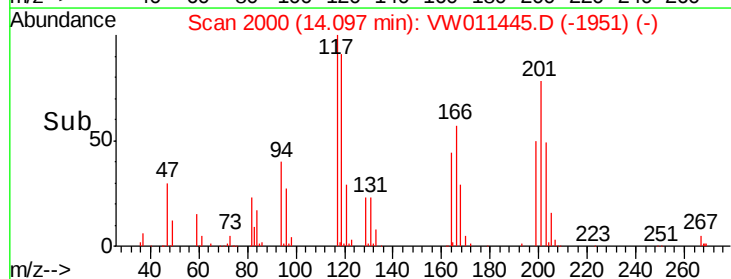
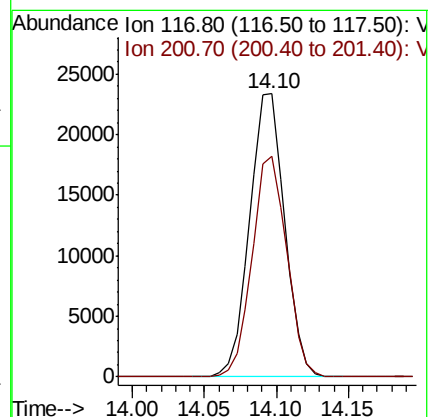
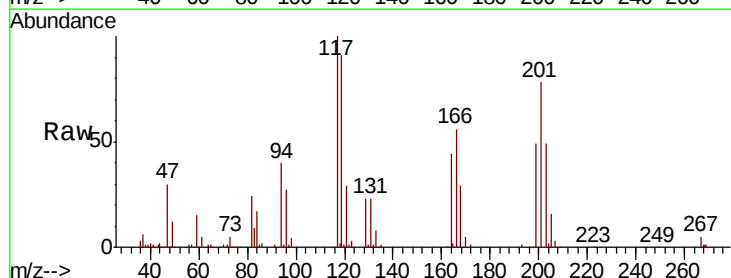
Acq: 23 Jul 2019 21:48

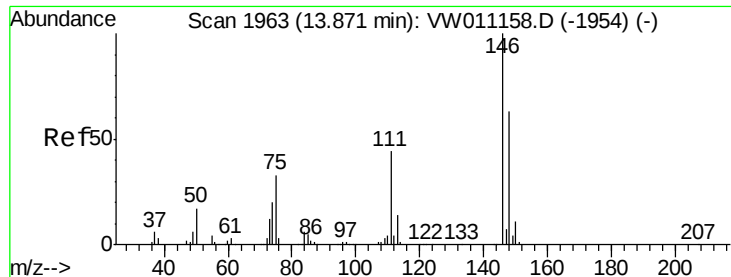
Tgt Ion: 117 Resp: 39277

Ion Ratio Lower Upper

117 100

201 76.9 38.3 114.8

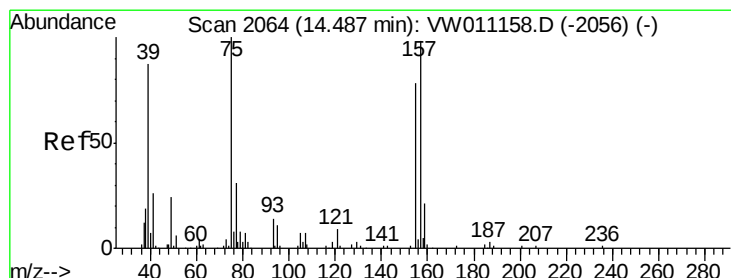
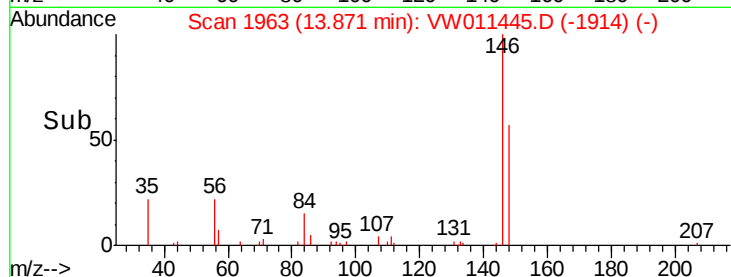
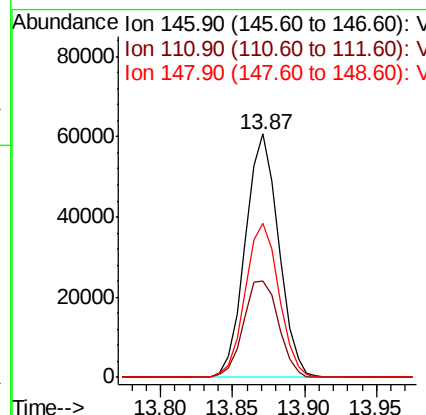
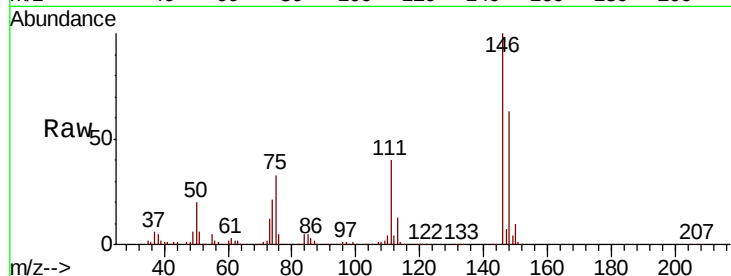




#91
 1,2-Dichlorobenzene
 Concen: 20.315 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

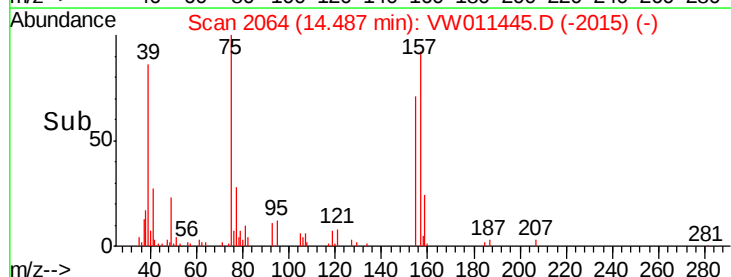
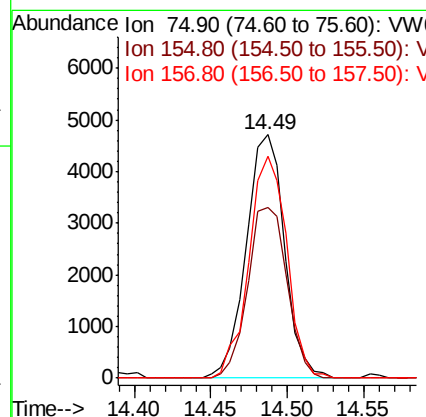
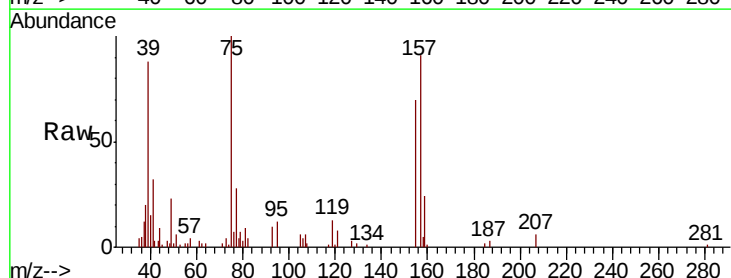
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

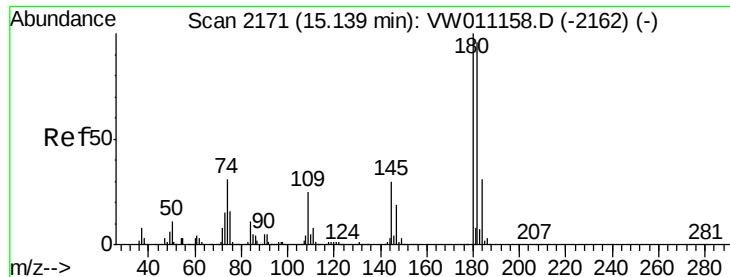
Tot Ion:146 Resp: 97267
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.6 65.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.466 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion: 75 Resp: 8207
 Ion Ratio Lower Upper
 75 100
 155 71.9 37.1 111.3
 157 90.5 48.5 145.6

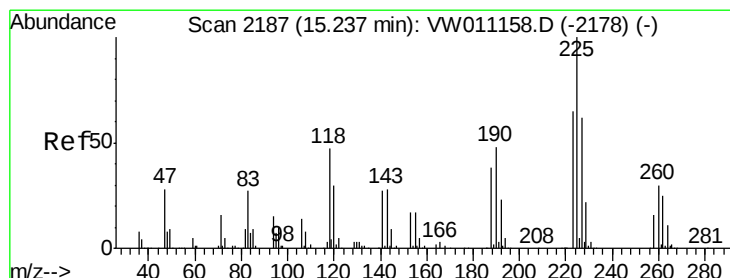
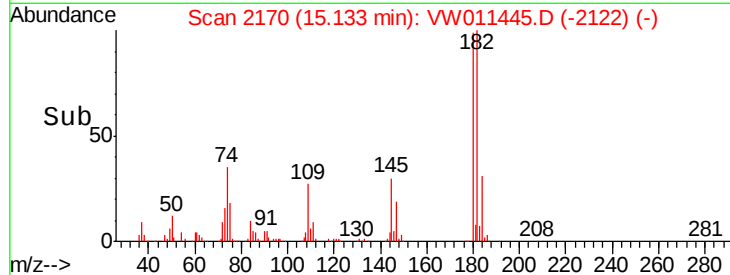
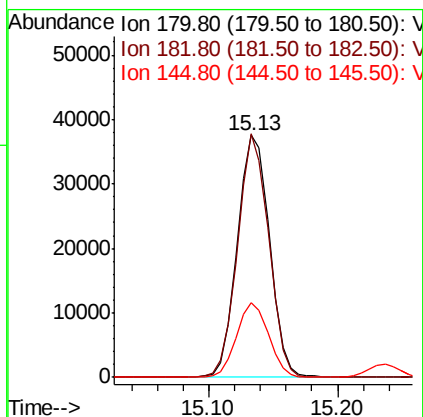
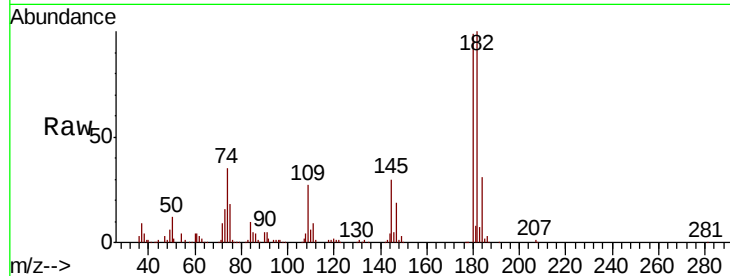




#93
 1,2,4-Trichlorobenzene
 Concen: 19.680 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

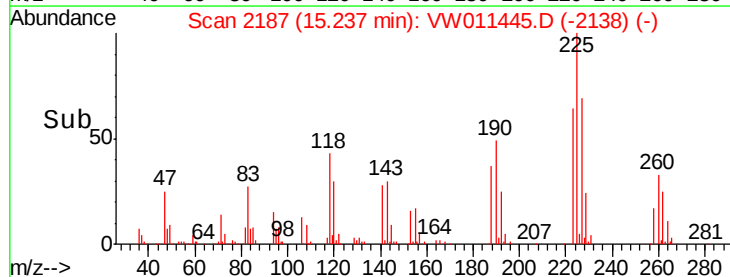
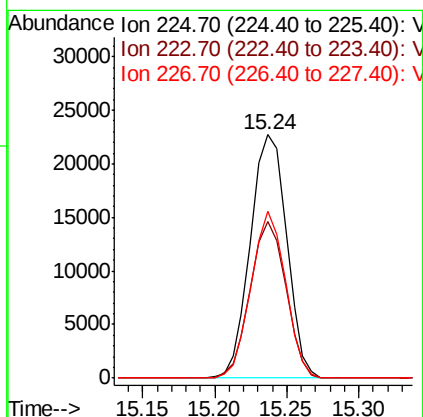
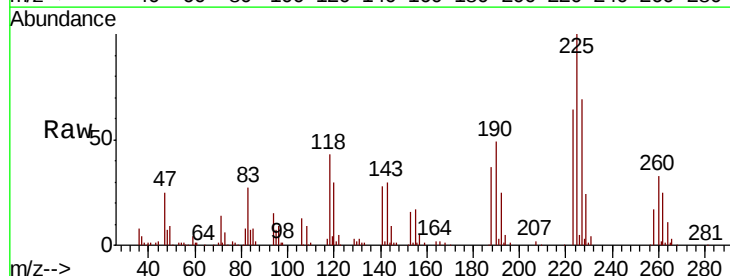
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBSD01

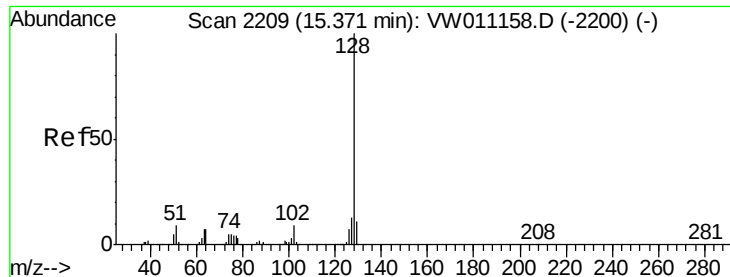
Tot Ion:180 Resp: 64902
 Ion Ratio Lower Upper
 180 100
 182 97.0 48.3 144.9
 145 30.7 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.612 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011445.D
 Acq: 23 Jul 2019 21:48

Tgt Ion:225 Resp: 39708
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 64.9 32.0 96.0





#95

Naphthalene

Concen: 18.429 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBSD01

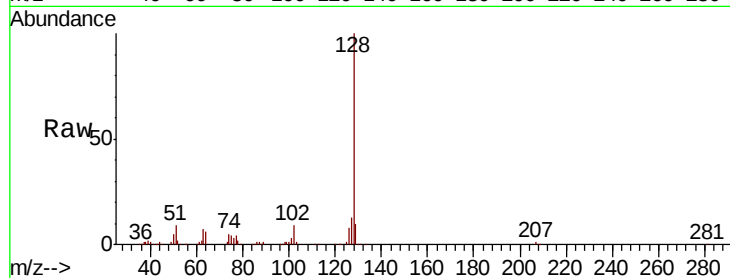
Tot Ion:128 Resp: 116463

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

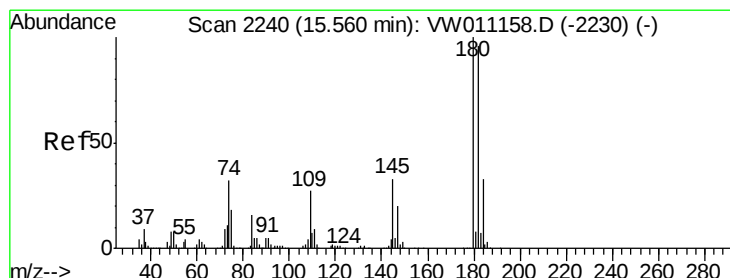
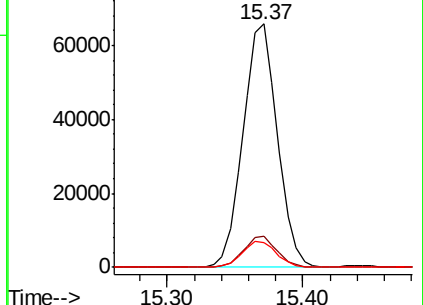
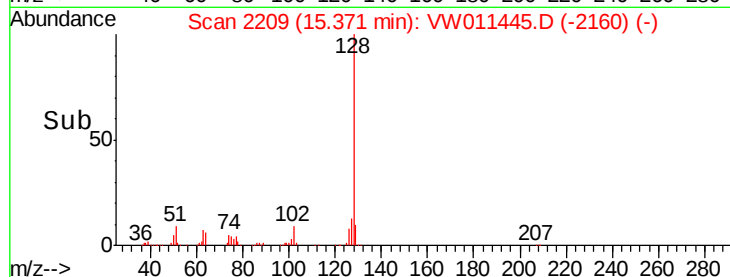
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.710 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW011445.D

Acq: 23 Jul 2019 21:48

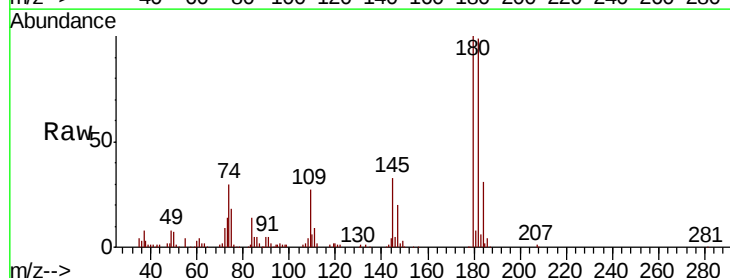
Tgt Ion:180 Resp: 57365

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.8

145 32.0 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

