

Data File : VW011172.D
Acq On : 09 Jul 2019 12:05
Operator : SY/VA
Sample : VW0709SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Quant Time: Jul 10 04:28:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140170	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.88	113	110900	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.32	98	456031	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.62	95	165326	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	37166	21.975	ug/l	100
3) Chloromethane	2.21	50	47770	21.919	ug/l	99
4) Vinyl Chloride	2.35	62	62797	22.015	ug/l	98
5) Bromomethane	2.76	94	31426	21.925	ug/l	96
6) Chloroethane	2.91	64	32102	20.894	ug/l	99
7) Trichlorofluoromethane	3.25	101	20221	19.955	ug/l	96
8) Diethyl Ether	3.67	74	27854	19.866	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52931	21.807	ug/l	99
10) Methyl Iodide	4.27	142	68522	20.526	ug/l	100
11) Tert butyl alcohol	5.17	59	20126	95.397	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	53666	21.302	ug/l	92
13) Acrolein	3.89	56	14629	87.080	ug/l	95
14) Allyl chloride	4.65	41	96383	20.980	ug/l	100
15) Acrylonitrile	5.36	53	71305	99.856	ug/l	100
16) Acetone	4.11	43	72523	105.776	ug/l	99
17) Carbon Disulfide	4.38	76	154498	20.229	ug/l	98
18) Methyl Acetate	4.67	43	45197	22.401	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	77734	20.336	ug/l	99
20) Methylene Chloride	4.91	84	60672	22.432	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	55249	21.106	ug/l	95
22) Diisopropyl ether	6.31	45	205094	20.757	ug/l	99
23) Vinyl Acetate	6.25	43	601251	98.325	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108565	20.924	ug/l	99
25) 2-Butanone	7.17	43	106151	98.629	ug/l	99
26) 2,2-Dichloropropane	7.16	77	57640	21.371	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	59019	20.900	ug/l	100
28) Bromochloromethane	7.50	49	47271	20.037	ug/l #	23
29) Tetrahydrofuran	7.52	42	69408	98.352	ug/l	99
30) Chloroform	7.67	83	99821	20.774	ug/l	99
31) Cyclohexane	7.95	56	115592	20.941	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76785	21.007	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84791	21.793	ug/l	100
37) Ethyl Acetate	7.24	43	46067	19.706	ug/l	99
38) Carbon Tetrachloride	8.06	117	69581	21.096	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	102328	21.699	ug/l	96
40) Benzene	8.32	78	232378	21.611	ug/l	100
41) Methacrylonitrile	7.48	41	29974	22.419	ug/l	90
42) 1,2-Dichloroethane	8.40	62	74521	21.365	ug/l	100
43) Isopropyl Acetate	8.42	43	88999	20.165	ug/l	99
44) Trichloroethene	9.09	130	55711	21.531	ug/l	97
45) 1,2-Dichloropropane	9.37	63	62131	21.338	ug/l	98
46) Dibromomethane	9.46	93	28438	20.791	ug/l	99
47) Bromodichloromethane	9.64	83	73102	20.888	ug/l	98
48) Methyl methacrylate	9.43	41	42083	19.819	ug/l	98
49) 1,4-Dioxane	9.45	88	9253	405.284	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	231268	100.312	ug/l	100
52) Toluene	10.38	92	141190	21.646	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	74847	20.092	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90347	20.605	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	40918	21.087	ug/l	97
56) Ethyl methacrylate	10.65	69	59848	20.258	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76689	20.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	127392	93.014	ug/l	99
59) 2-Hexanone	10.97	43	163016	101.958	ug/l	100
60) Dibromochloromethane	11.13	129	43071	20.242	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38194	20.780	ug/l	98
64) Tetrachloroethene	10.86	164	46917	21.428	ug/l	98
65) Chlorobenzene	11.66	112	142055	21.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48143	20.726	ug/l	99
67) Ethyl Benzene	11.73	91	270876	21.449	ug/l	99
68) m/p-Xylenes	11.83	106	196159	42.926	ug/l	97
69) o-Xylene	12.16	106	92380	21.449	ug/l	99
70) Styrene	12.18	104	158315	21.298	ug/l	100
71) Bromoform	12.35	173	23887	19.342	ug/l #	100
73) Isopropylbenzene	12.46	105	256196	21.662	ug/l	100
74) N-amyl acetate	12.27	43	84022	20.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49528	20.430	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	64251	35.142	ug/l #	100
77) Bromobenzene	12.75	156	57427	21.637	ug/l	96
78) n-propylbenzene	12.80	91	319769	21.949	ug/l	100
79) 2-Chlorotoluene	12.89	91	180385	21.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219513	21.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15467	19.134	ug/l	98
82) 4-Chlorotoluene	12.99	91	189346	21.684	ug/l	99
83) tert-Butylbenzene	13.21	119	184602	22.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	220261	21.832	ug/l	100
85) sec-Butylbenzene	13.38	105	268917	22.241	ug/l	100
86) p-Isopropyltoluene	13.50	119	240684	22.194	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	112438	22.018	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112605	21.898	ug/l	98
89) n-Butylbenzene	13.82	91	244998	22.646	ug/l	100
90) Hexachloroethane	14.10	117	42378	21.384	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	100718	21.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8413	19.564	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070919\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
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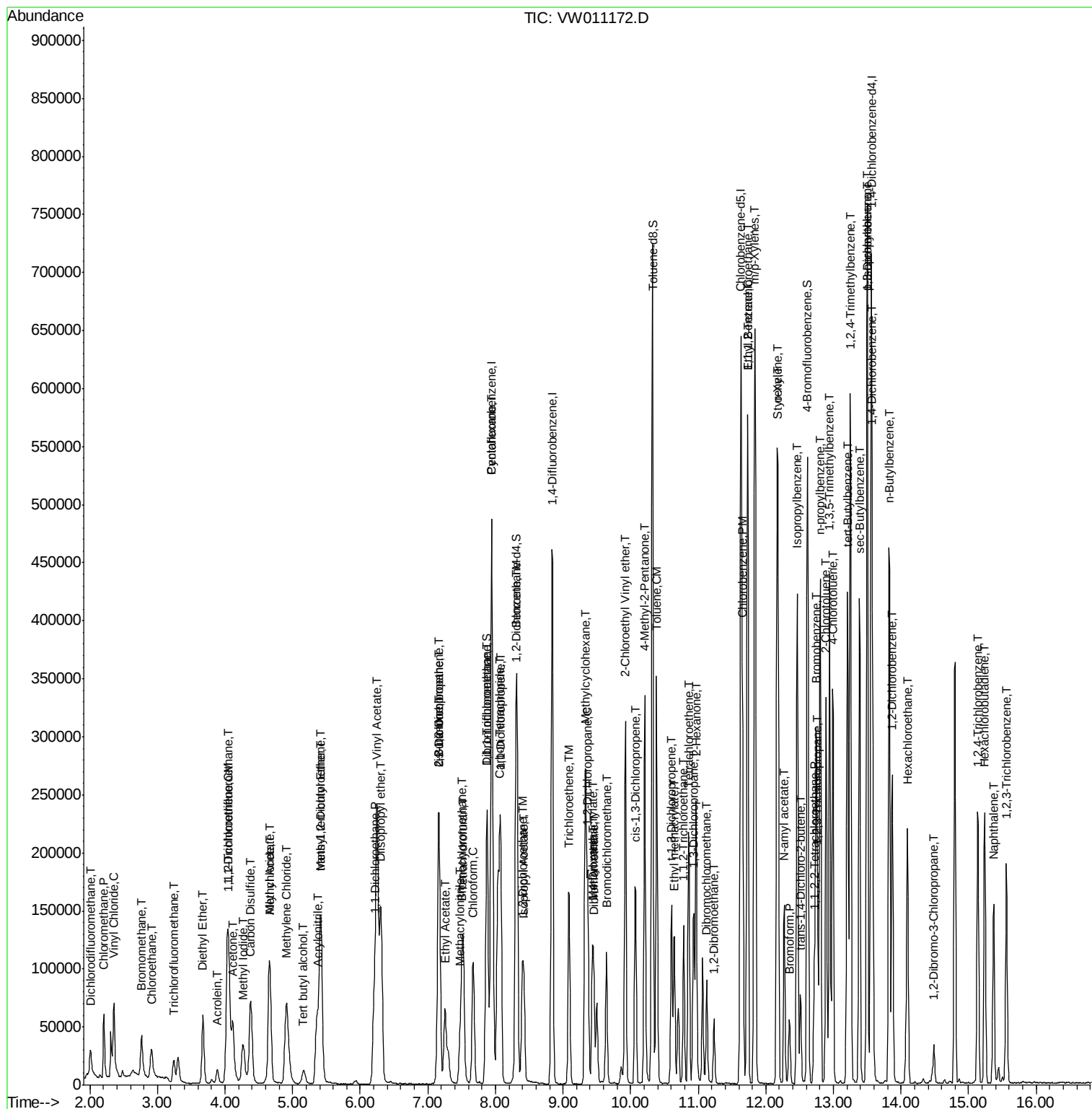
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72787	22.811	ug/l	98
94) Hexachlorobutadiene	15.24	225	44195	22.560	ug/l	98
95) Naphthalene	15.37	128	128759	21.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	62725	22.273	ug/l	99

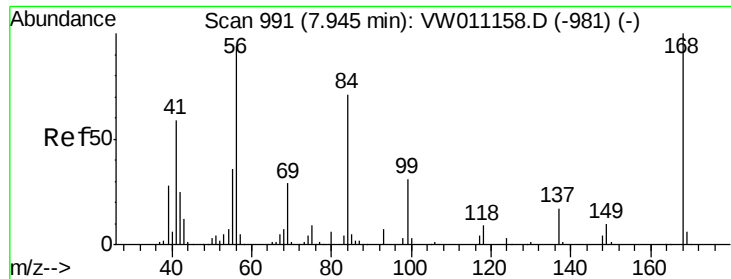
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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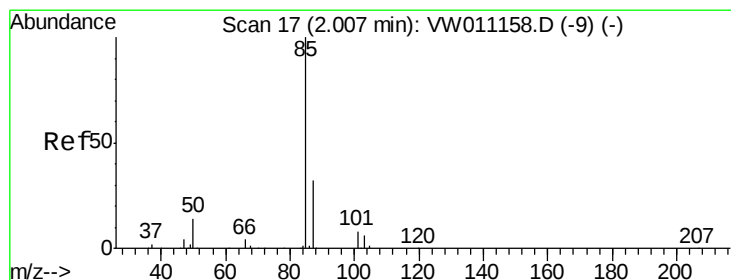
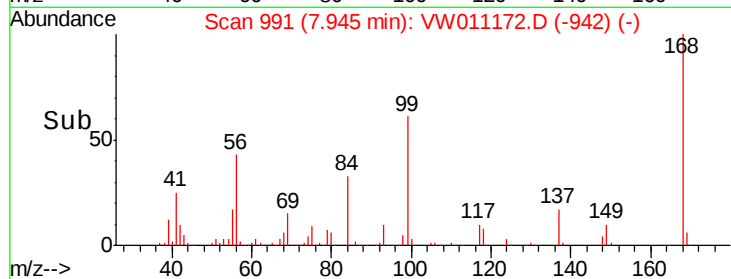
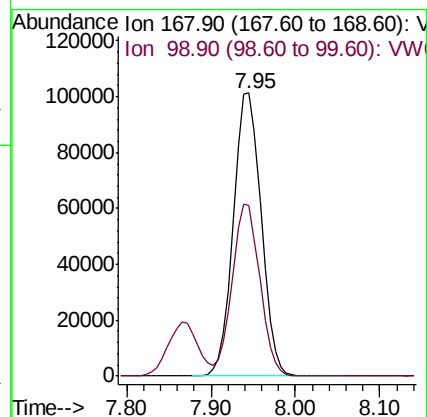
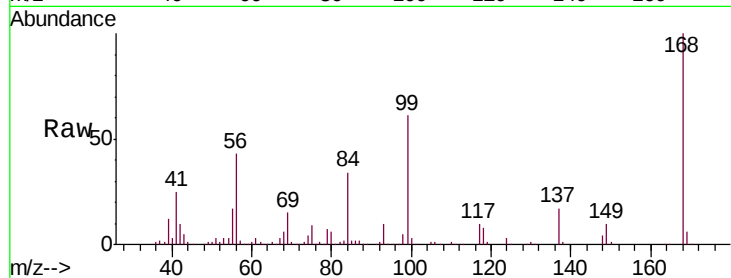




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW011172.D
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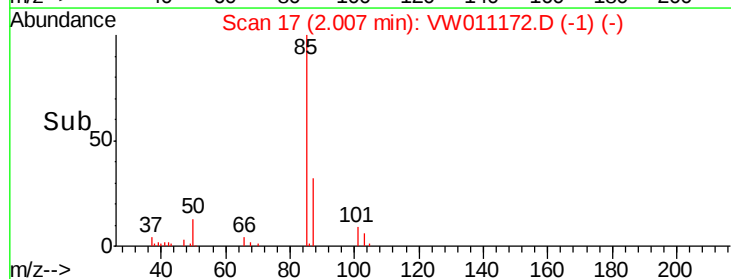
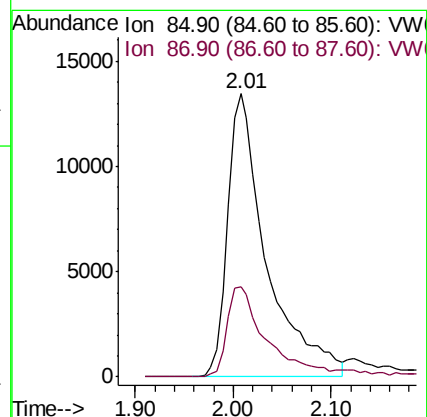
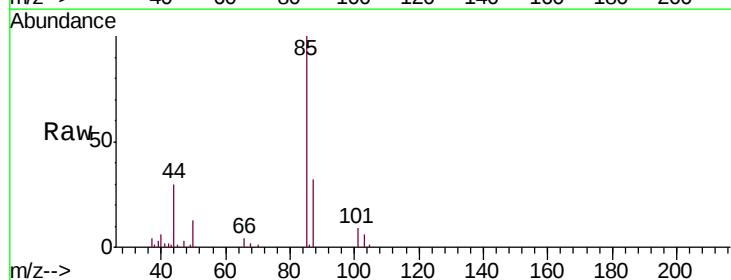
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

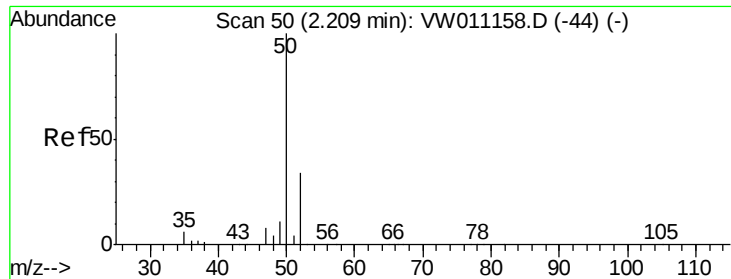
Tgt Ion:168 Resp: 226777
Ion Ratio Lower Upper
168 100
99 60.5 50.1 75.1



#2
Dichlorodifluoromethane
Concen: 21.975 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 85 Resp: 37166
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.6





#3

Chloromethane

Concen: 21.919 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

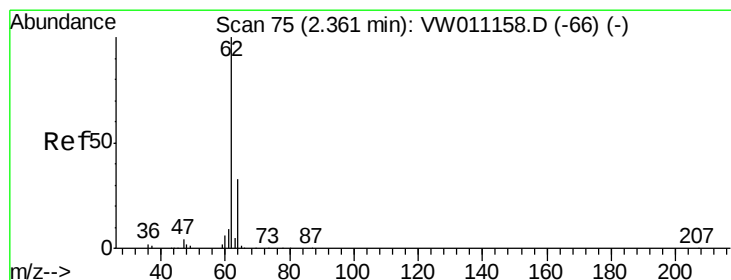
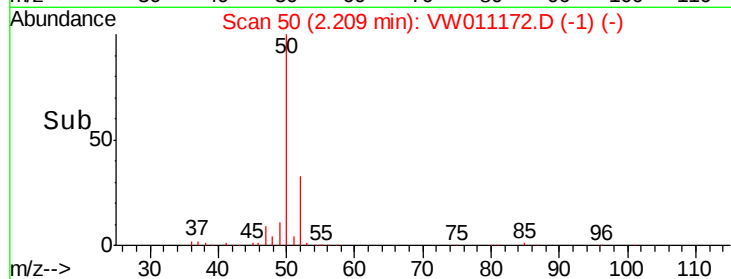
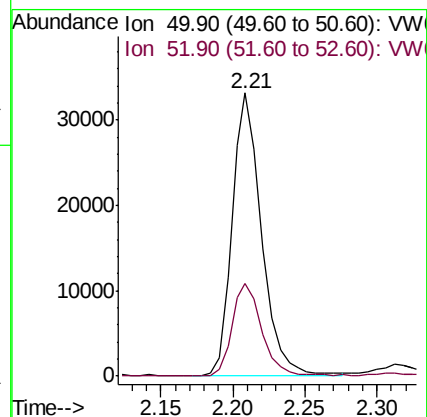
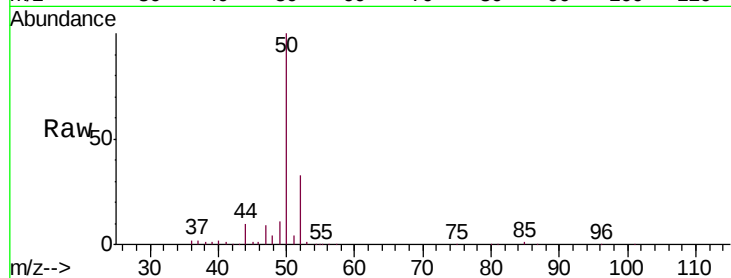
VW0709SBS01

Tgt Ion: 50 Resp: 47770

Ion Ratio Lower Upper

50 100

52 32.9 26.9 40.3



#4

Vinyl Chloride

Concen: 22.015 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011172.D

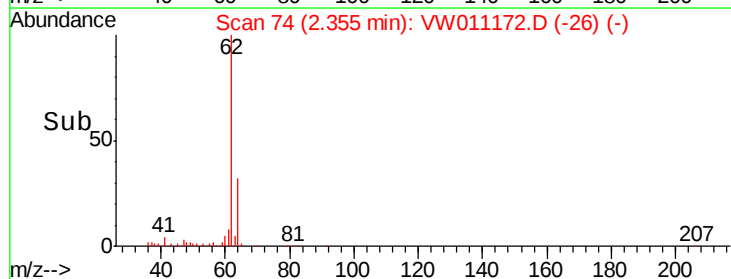
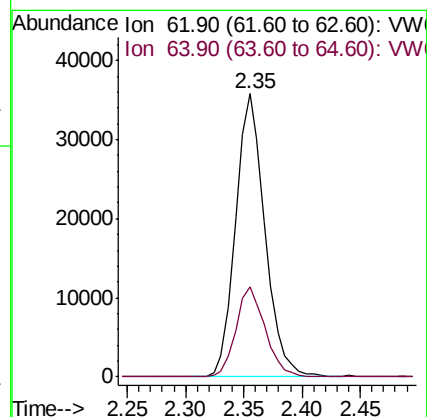
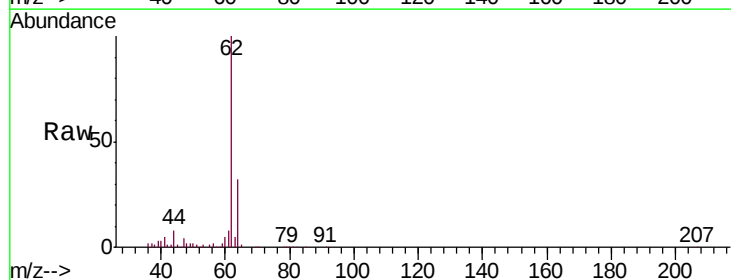
Acq: 09 Jul 2019 12:05

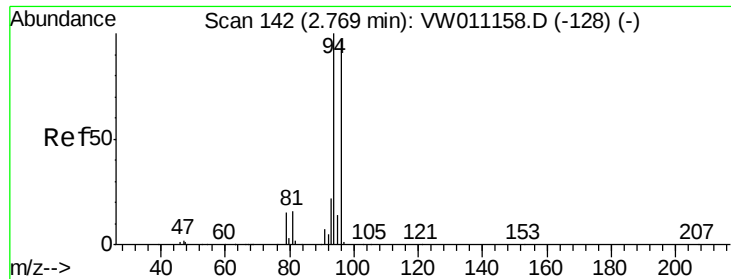
Tgt Ion: 62 Resp: 62797

Ion Ratio Lower Upper

62 100

64 32.0 26.6 40.0





#5

Bromomethane

Concen: 21.925 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

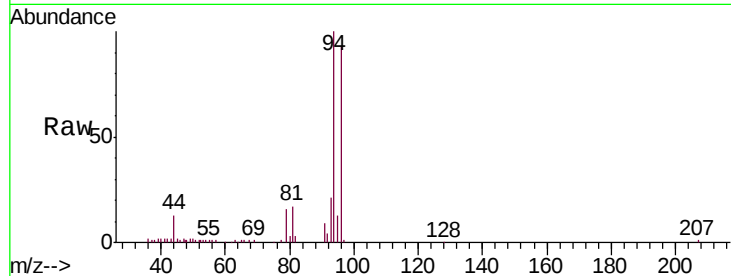
VW0709SBS01

Tgt Ion: 94 Resp: 31426

Ion Ratio Lower Upper

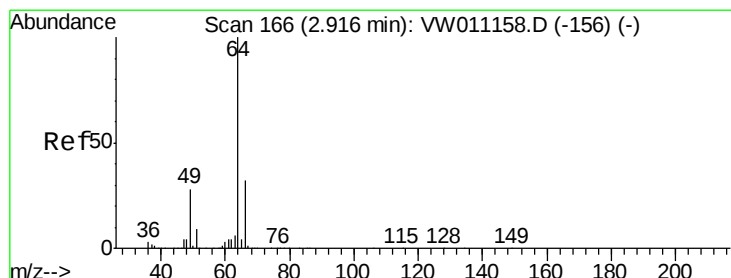
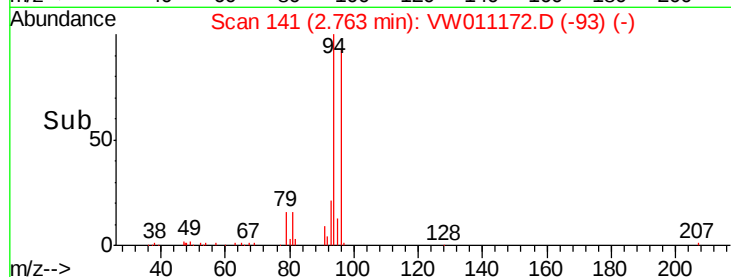
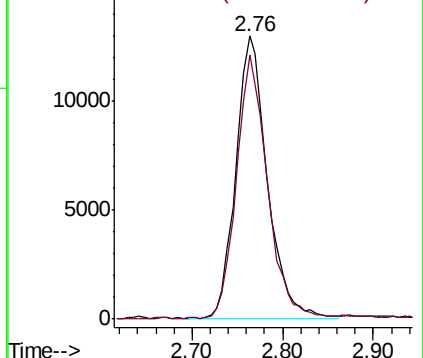
94 100

96 92.7 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.894 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011172.D

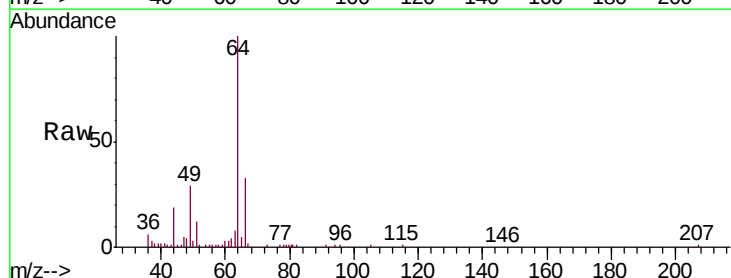
Acq: 09 Jul 2019 12:05

Tgt Ion: 64 Resp: 32102

Ion Ratio Lower Upper

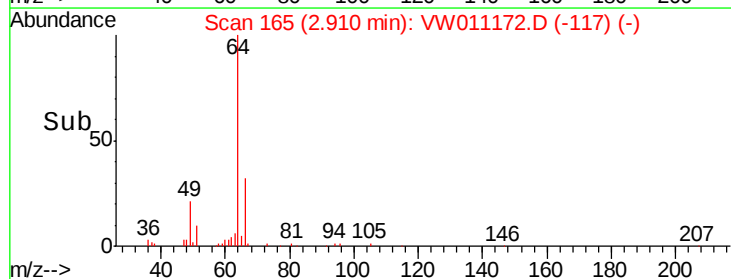
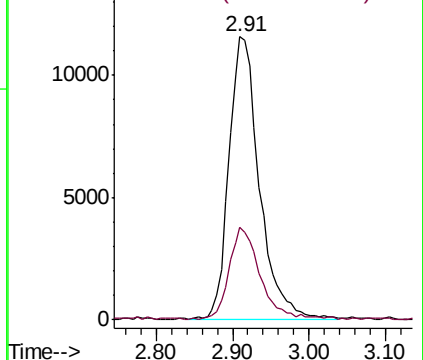
64 100

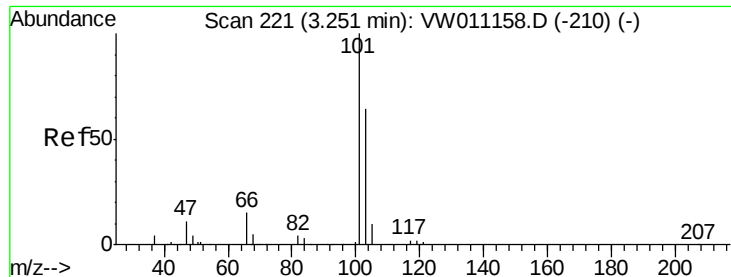
66 32.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



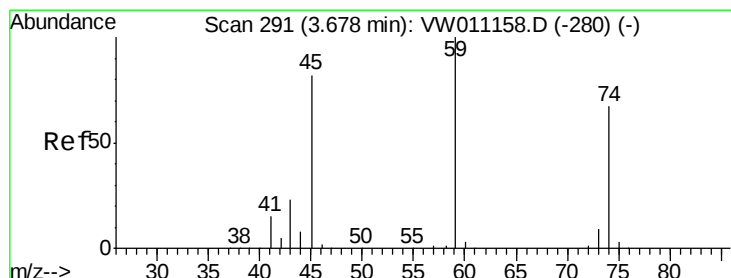
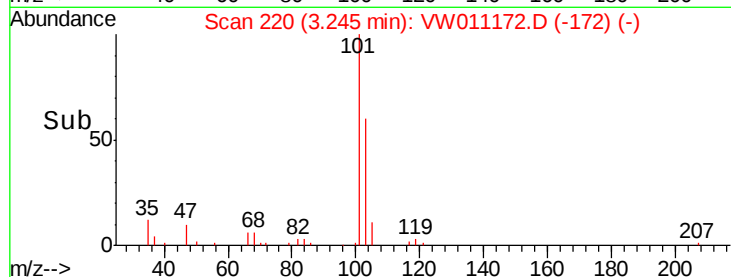
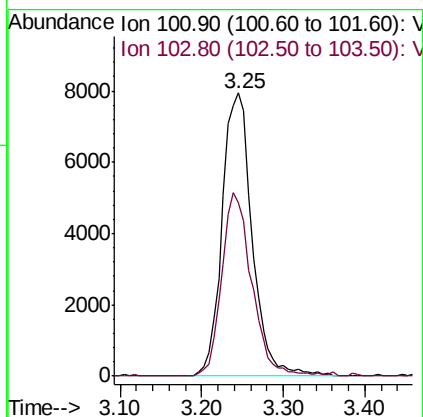
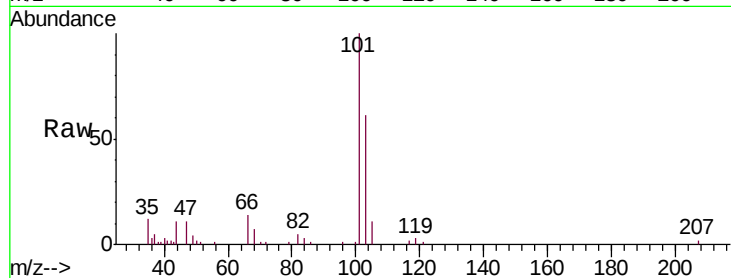


#7

Trichlorofluoromethane
 Concen: 19.955 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011172.D
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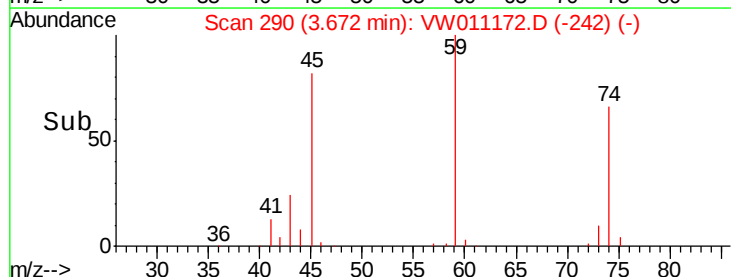
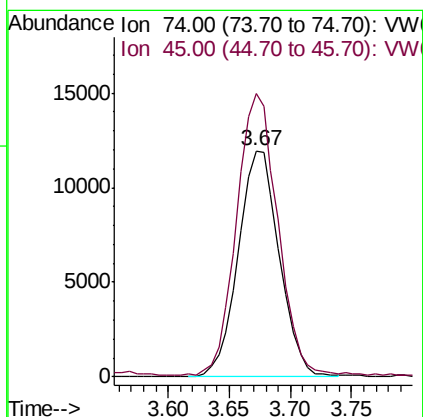
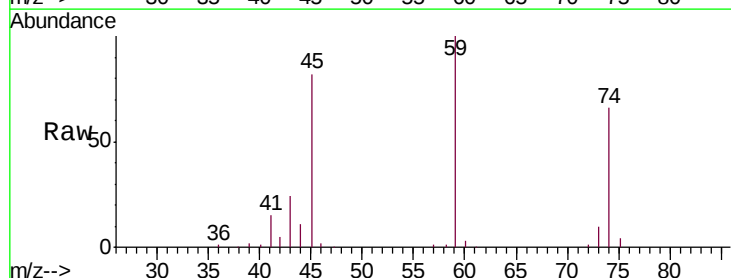
Tgt Ion: 101 Resp: 20221
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.3 76.9

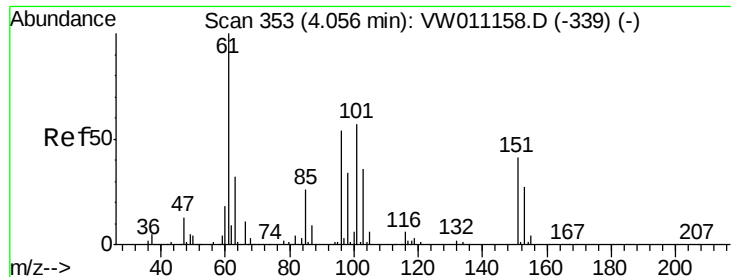


#8

Diethyl Ether
 Concen: 19.866 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011172.D
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Tgt Ion: 74 Resp: 27854
 Ion Ratio Lower Upper
 74 100
 45 125.7 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.807 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011172.D

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Instrument :

MSVOA_W

ClientSampleId :

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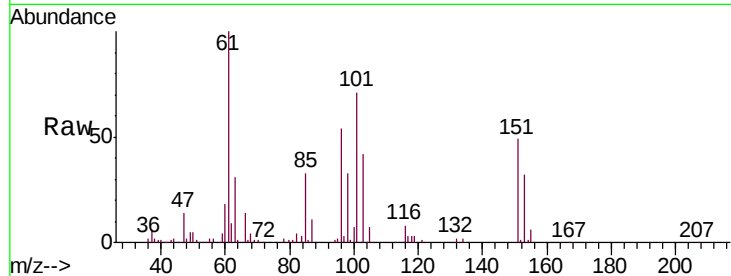
Tgt Ion:101 Resp: 52931

Ion Ratio Lower Upper

101 100

85 45.4 36.5 54.7

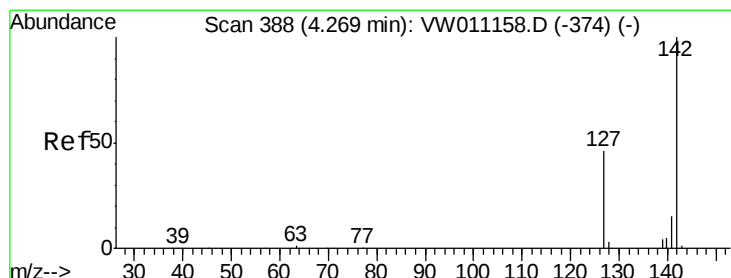
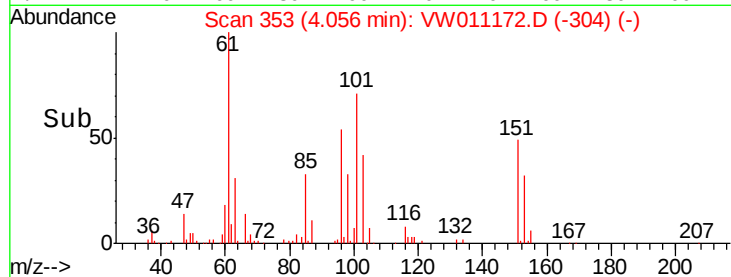
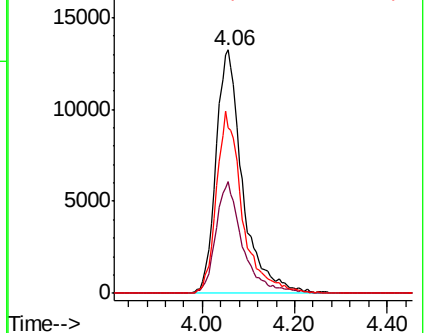
151 72.5 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.526 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

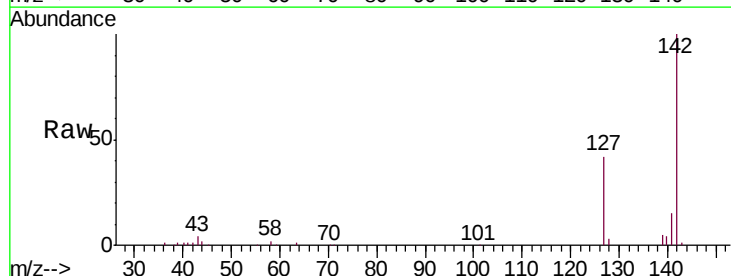
Tgt Ion:142 Resp: 68522

Ion Ratio Lower Upper

142 100

127 44.7 35.7 53.5

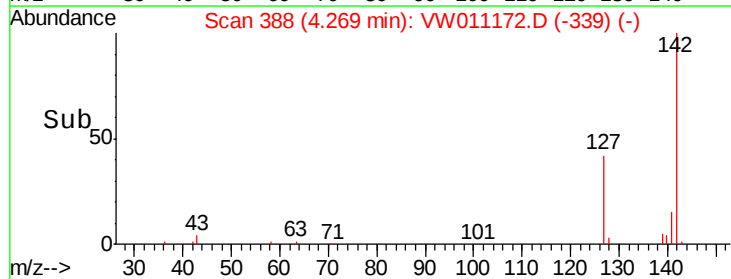
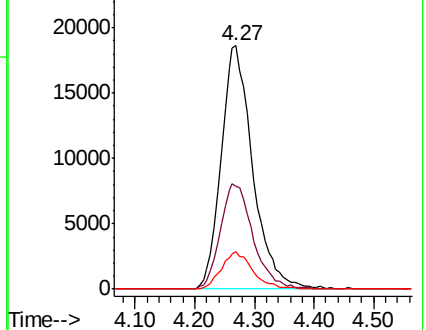
141 15.1 11.5 17.3

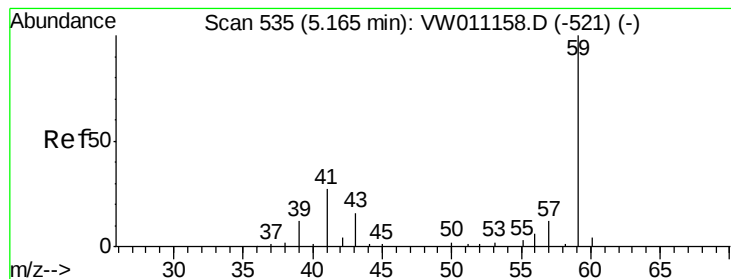


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.397 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

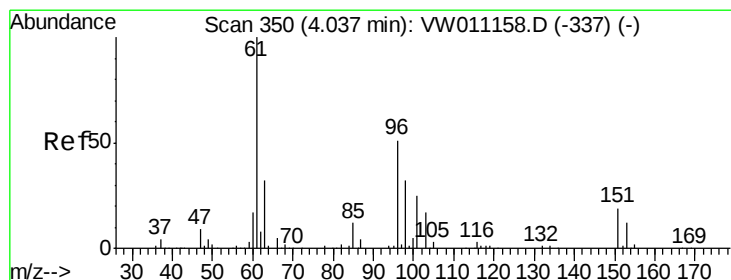
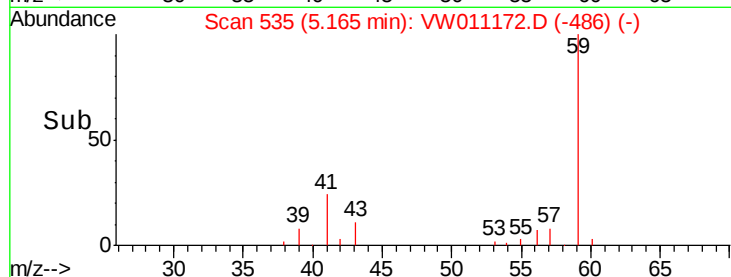
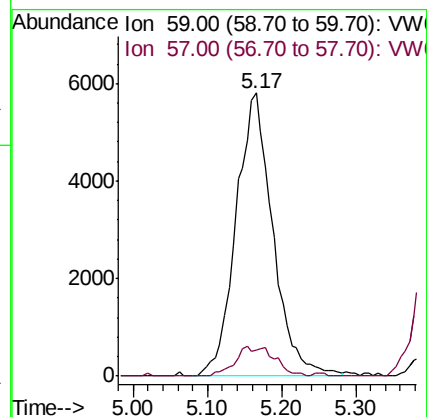
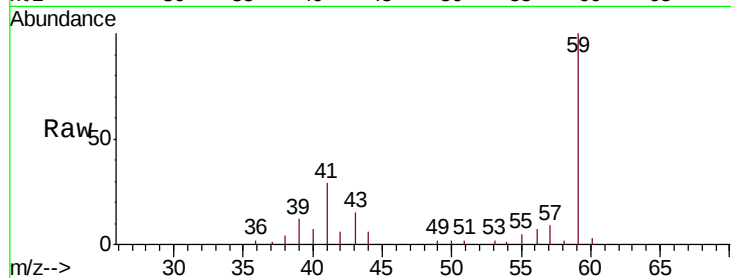
VW0709SBS01

Tgt Ion: 59 Resp: 20126

Ion Ratio Lower Upper

59 100

57 6.1 9.0 13.6#



#12

1,1-Dichloroethene

Concen: 21.302 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

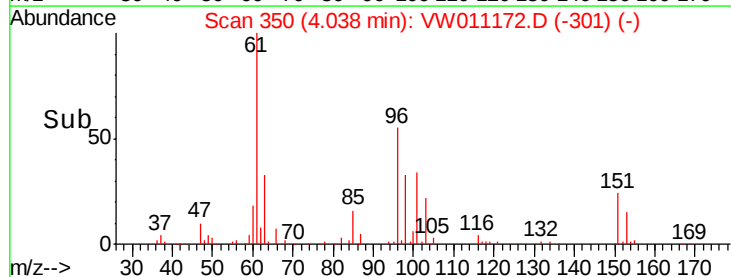
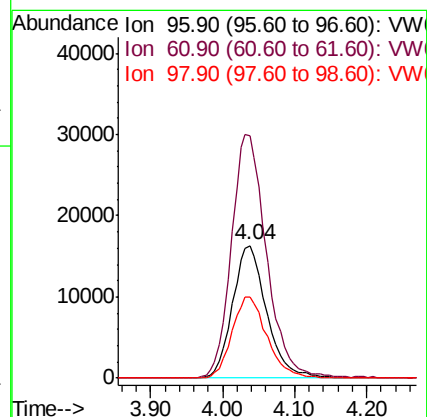
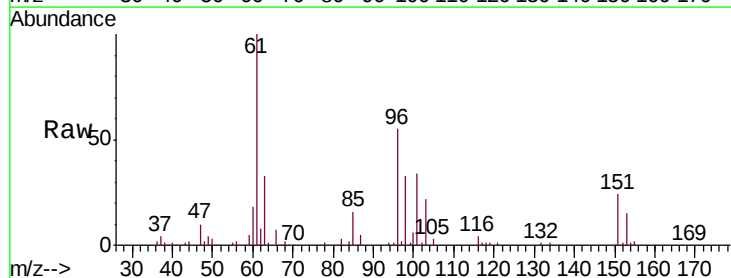
Tgt Ion: 96 Resp: 53666

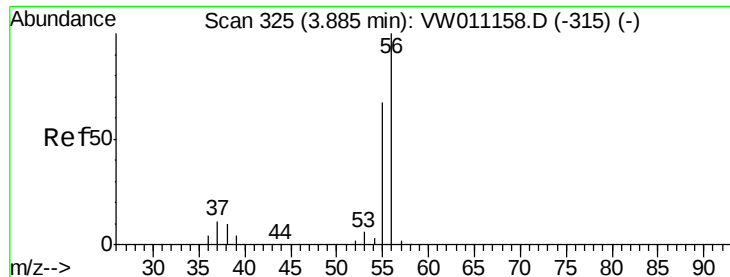
Ion Ratio Lower Upper

96 100

61 182.7 157.7 236.5

98 61.2 50.9 76.3

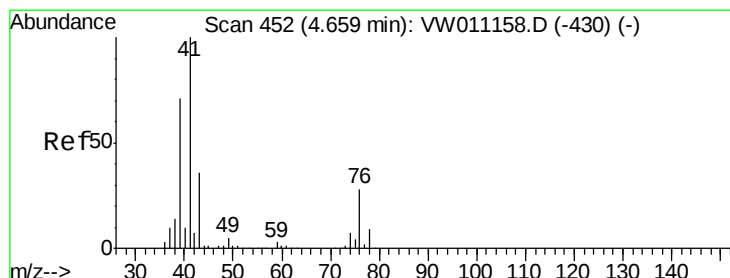
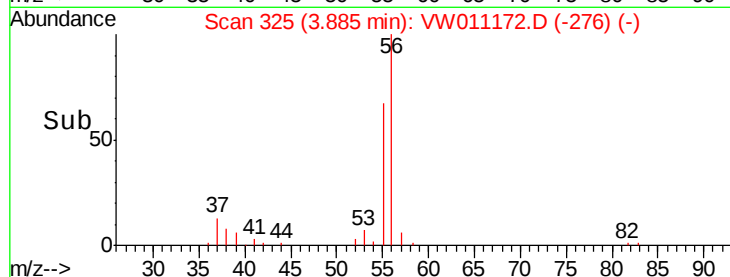
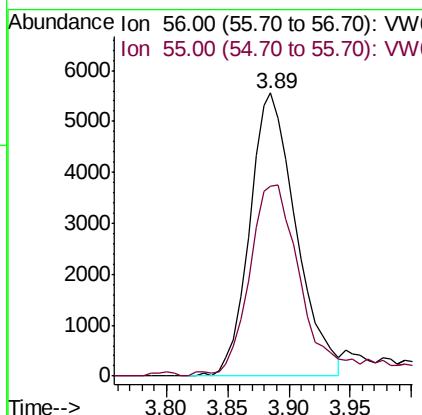
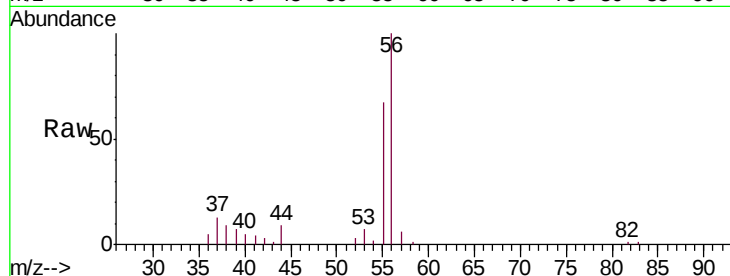




#13
Acrolein
Concen: 87.080 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

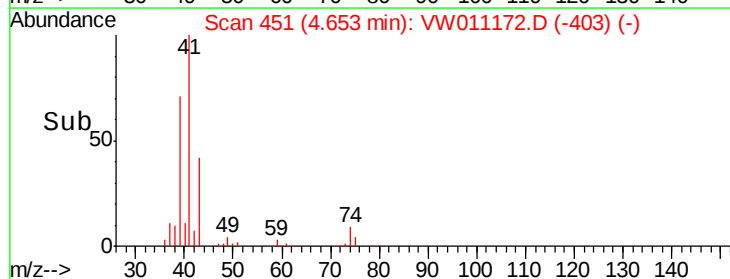
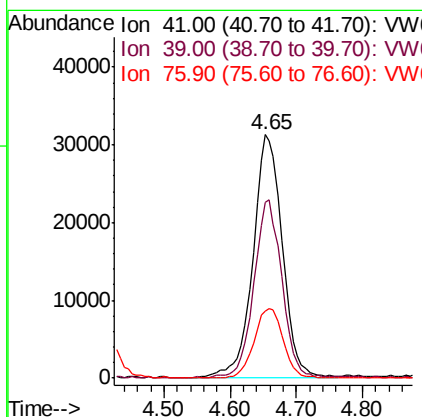
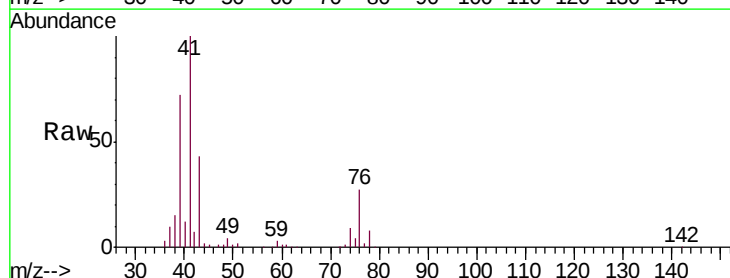
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

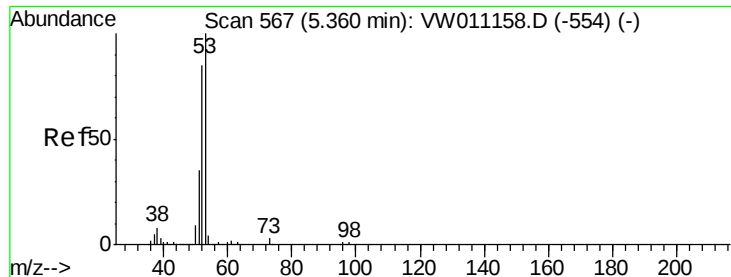
Tgt Ion: 56 Resp: 14629
Ion Ratio Lower Upper
56 100
55 74.4 56.4 84.6



#14
Allyl chloride
Concen: 20.980 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 41 Resp: 96383
Ion Ratio Lower Upper
41 100
39 68.9 55.1 82.7
76 28.3 22.5 33.7





#15

Acrylonitrile

Concen: 99.856 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

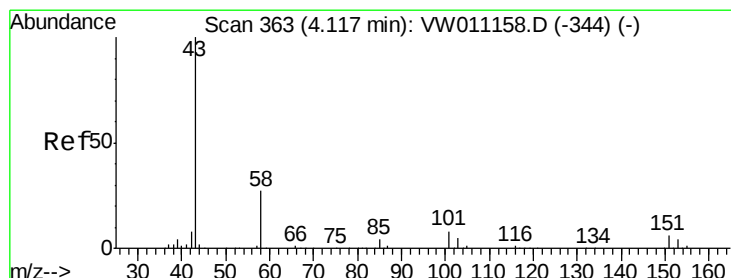
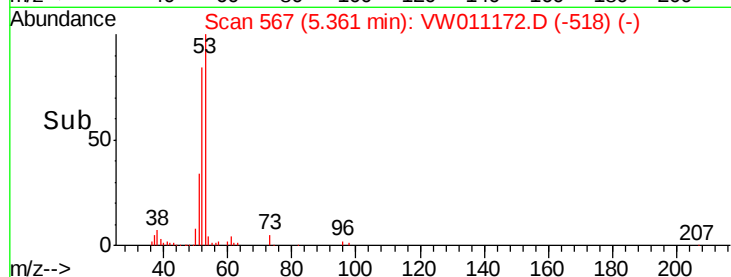
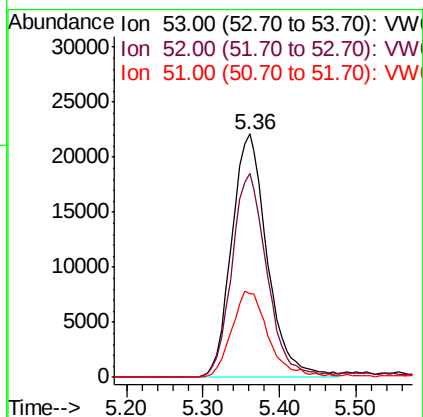
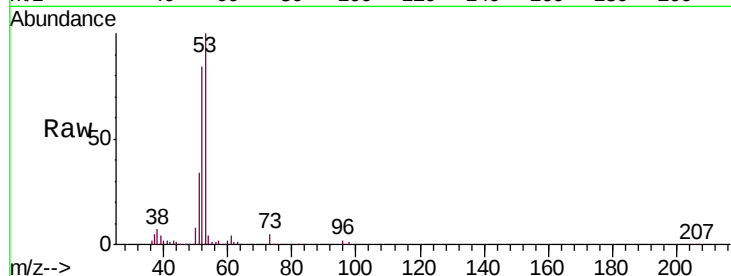
Tgt Ion: 53 Resp: 71305

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

51 36.9 29.1 43.7



#16

Acetone

Concen: 105.776 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011172.D

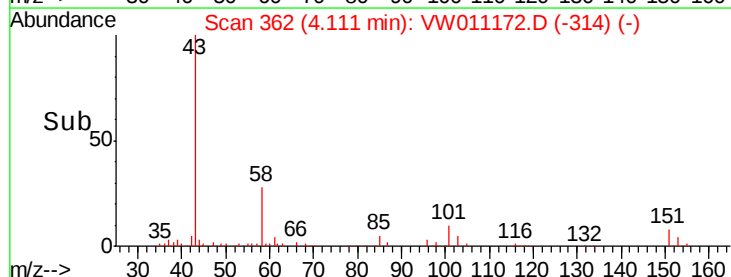
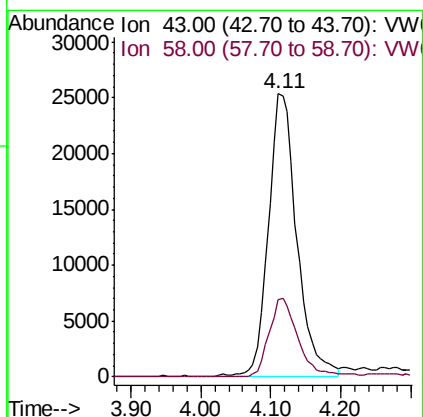
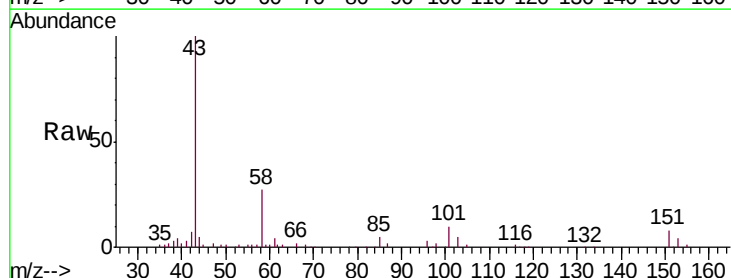
Acq: 09 Jul 2019 12:05

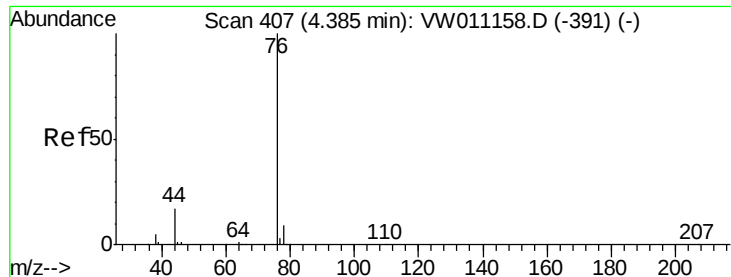
Tgt Ion: 43 Resp: 72523

Ion Ratio Lower Upper

43 100

58 27.5 21.8 32.6





#17

Carbon Disulfide

Concen: 20.229 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampled :

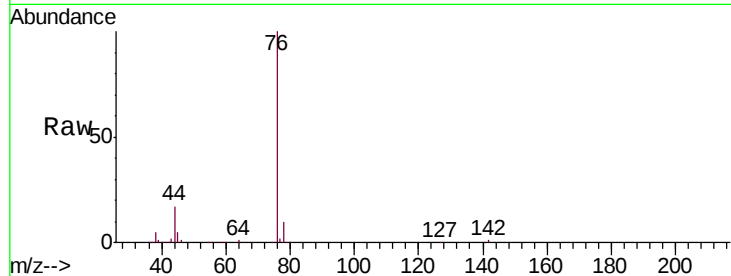
VW0709SBS01

Tgt Ion: 76 Resp: 154498

Ion Ratio Lower Upper

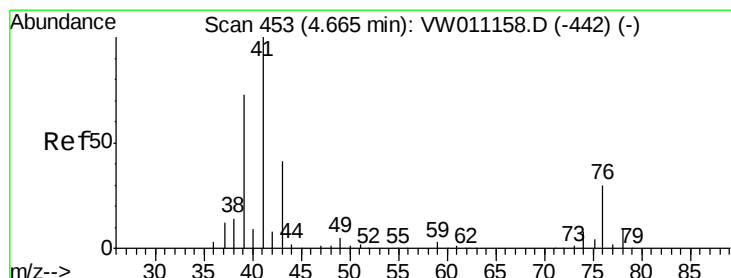
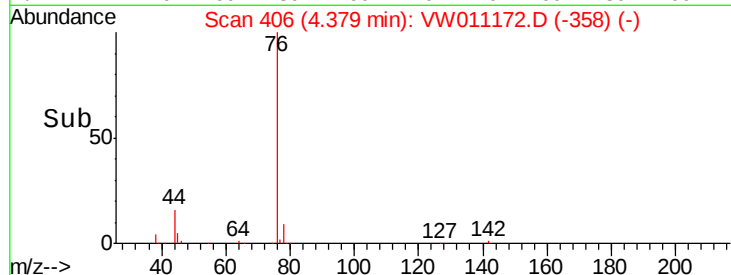
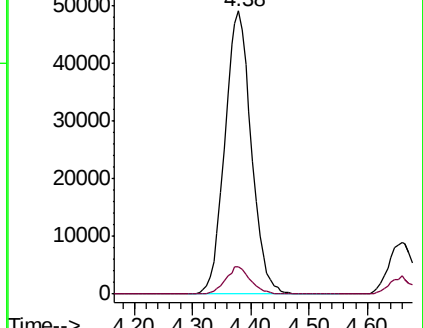
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 22.401 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011172.D

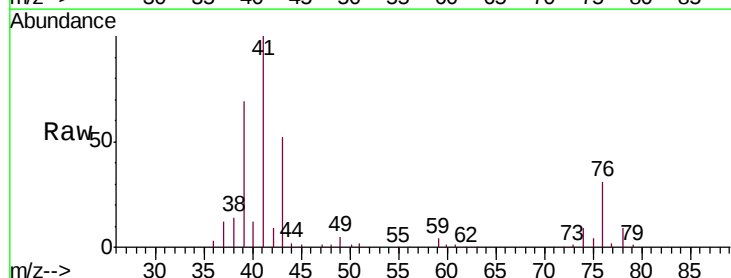
Acq: 09 Jul 2019 12:05

Tgt Ion: 43 Resp: 45197

Ion Ratio Lower Upper

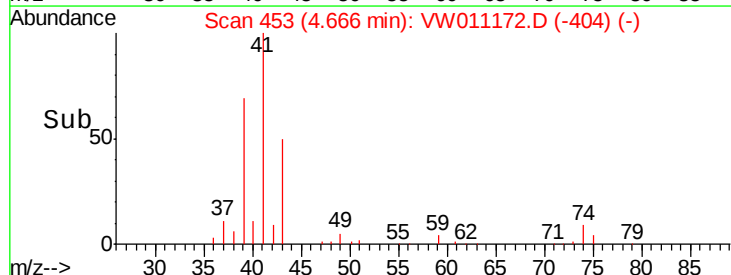
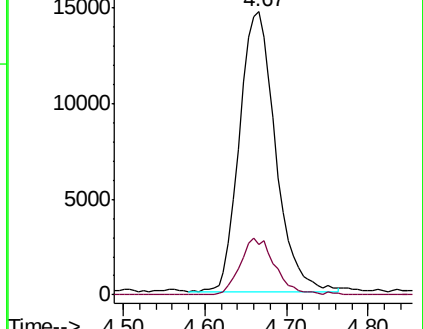
43 100

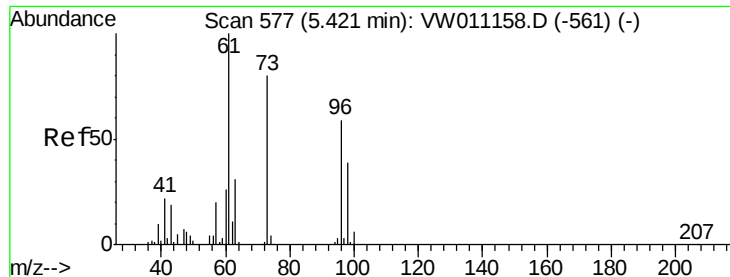
74 19.3 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

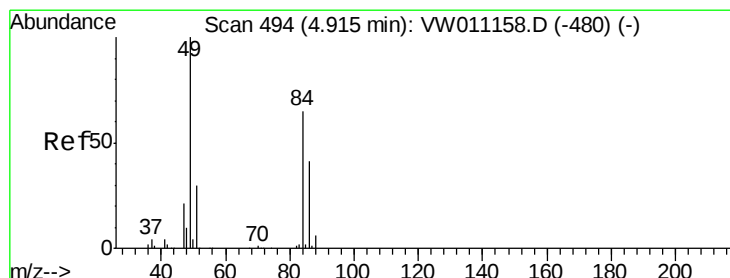
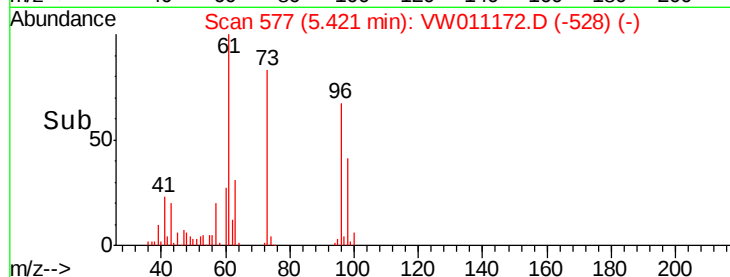
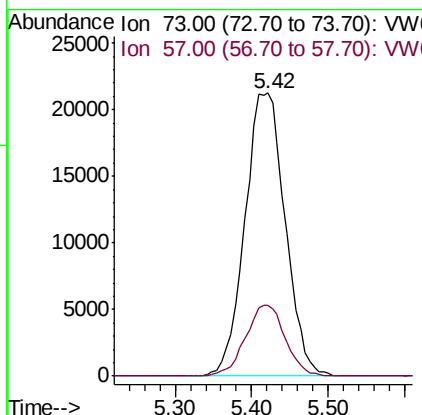
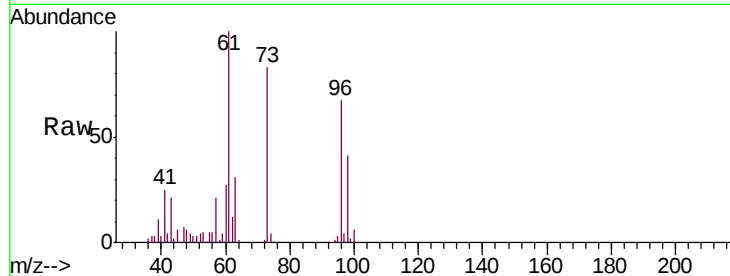




#19
Methyl tert-butyl Ether
Concen: 20.336 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

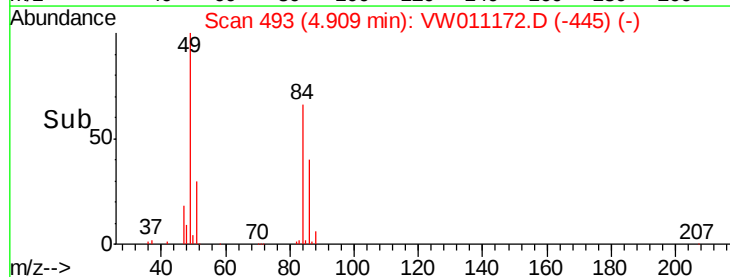
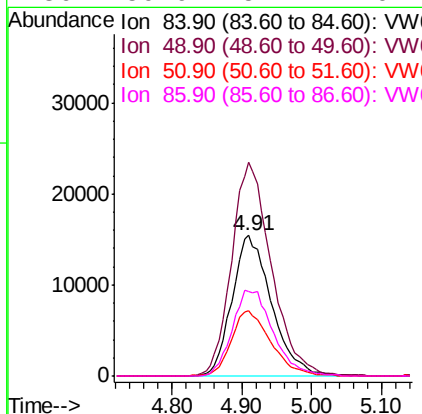
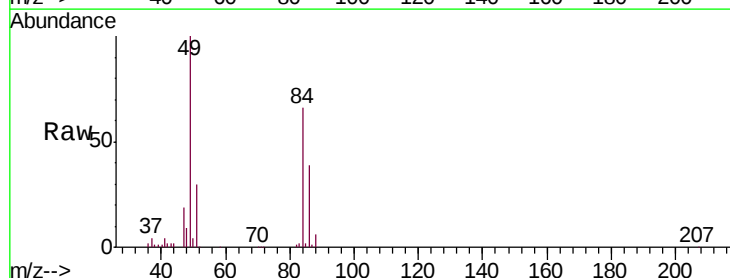
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

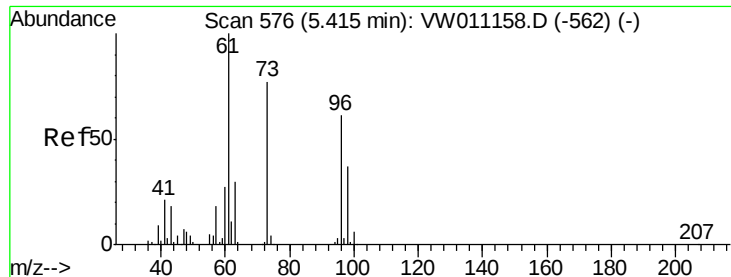
Tgt Ion: 73 Resp: 77734
Ion Ratio Lower Upper
73 100
57 25.0 19.7 29.5



#20
Methylene Chloride
Concen: 22.432 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 84 Resp: 60672
Ion Ratio Lower Upper
84 100
49 152.0 123.8 185.6
51 46.3 37.4 56.2
86 59.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.106 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

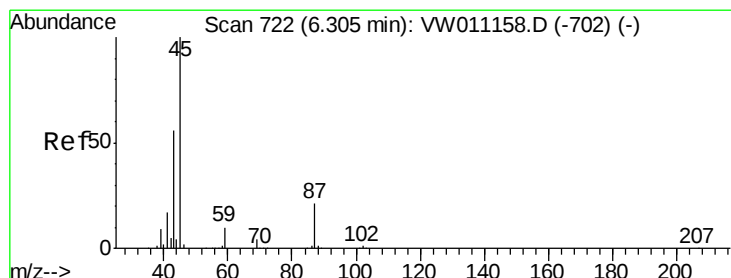
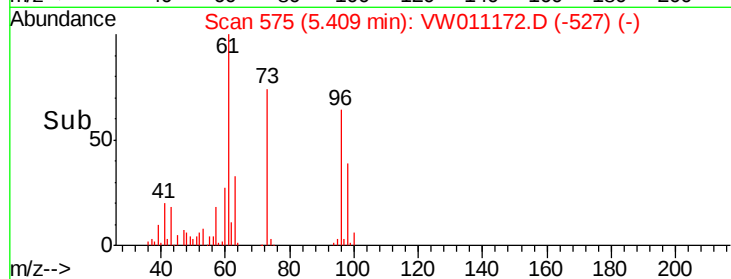
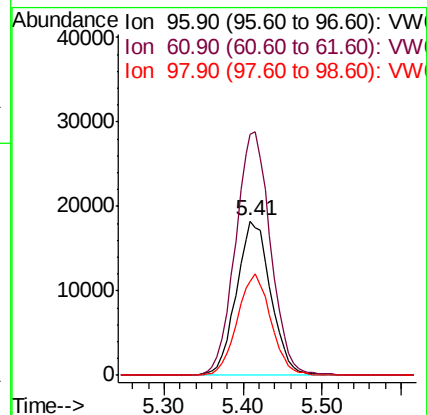
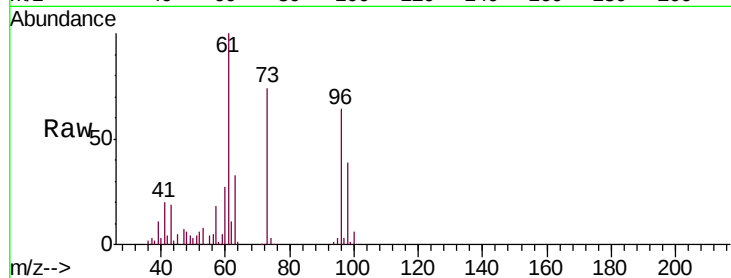
Tgt Ion: 96 Resp: 55249

Ion Ratio Lower Upper

96 100

61 156.3 132.2 198.2

98 61.0 49.4 74.0



#22

Diisopropyl ether

Concen: 20.757 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Tgt Ion: 45 Resp: 205094

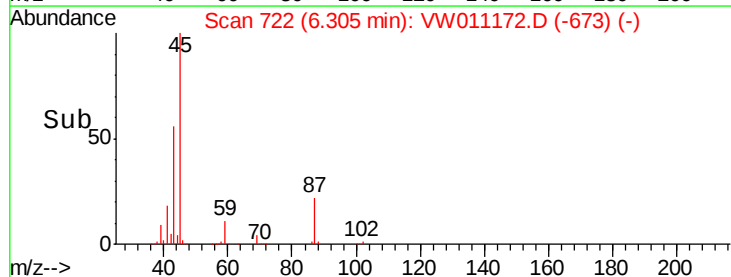
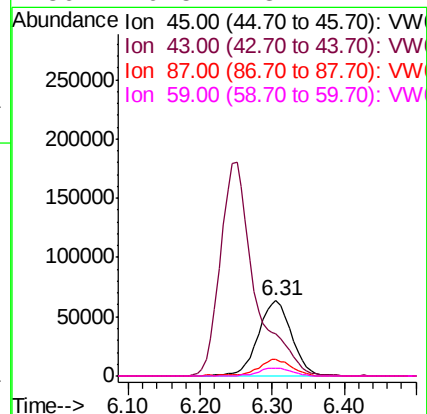
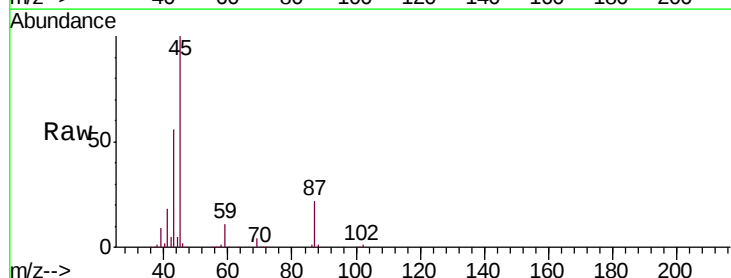
Ion Ratio Lower Upper

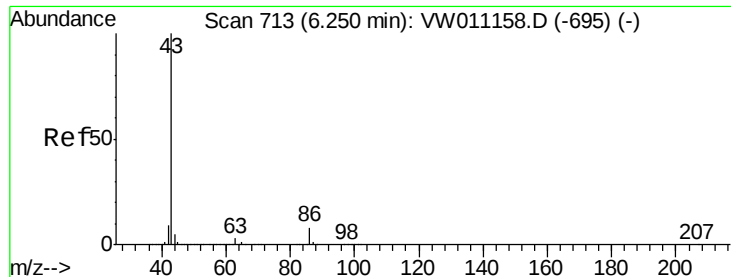
45 100

43 54.9 44.6 66.8

87 22.1 17.3 25.9

59 10.5 8.2 12.2





#23

Vinyl Acetate

Concen: 98.325 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

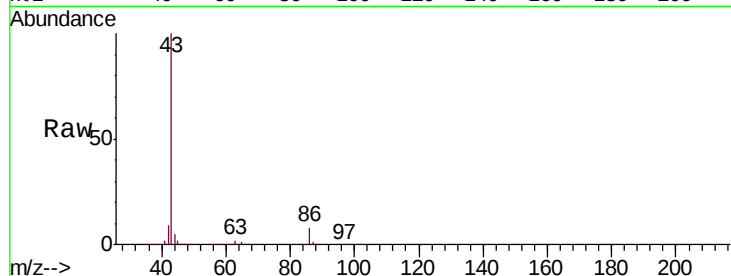
VW0709SBS01

Tgt Ion: 43 Resp: 601251

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

150000

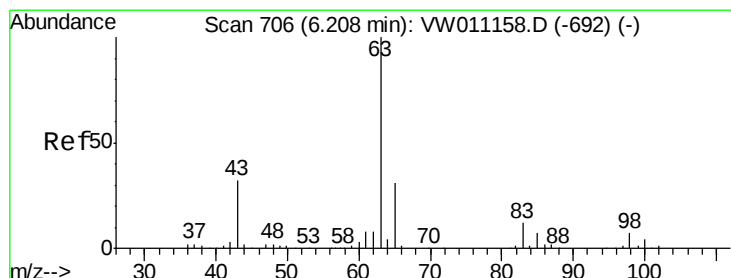
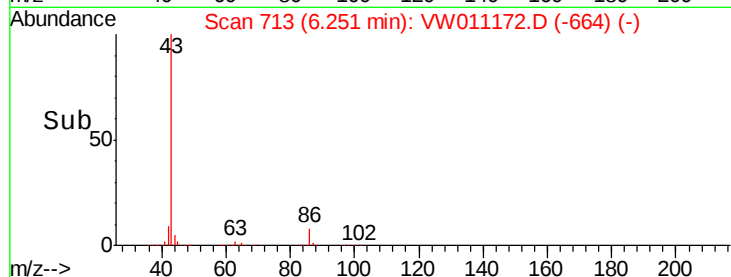
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.924 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

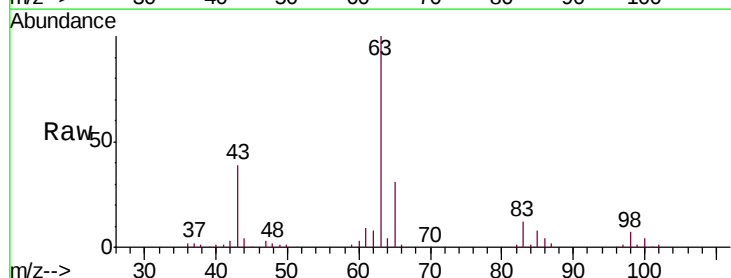
Tgt Ion: 63 Resp: 108565

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 3.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

50000

40000

30000

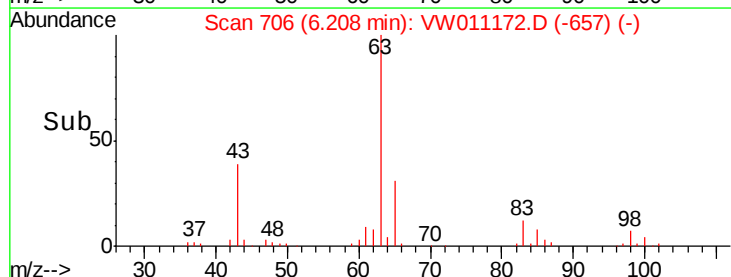
20000

10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 98.629 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampled :

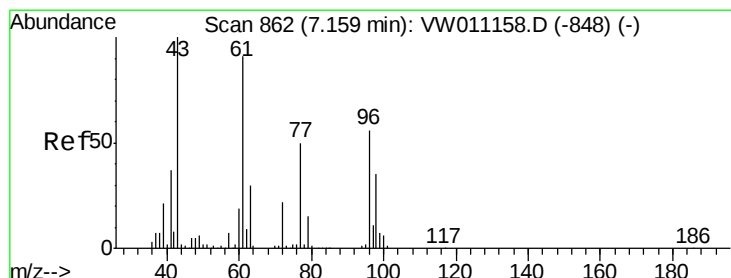
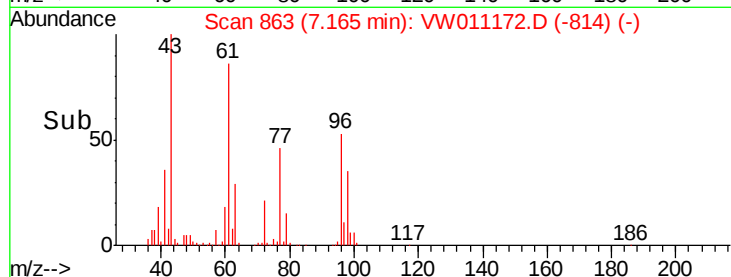
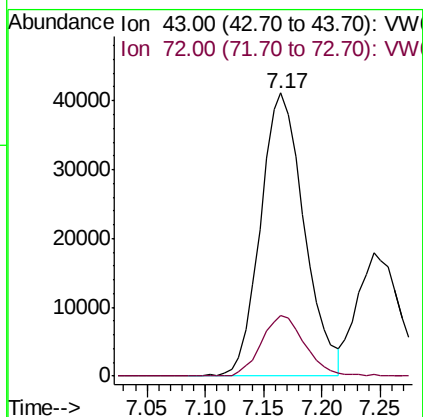
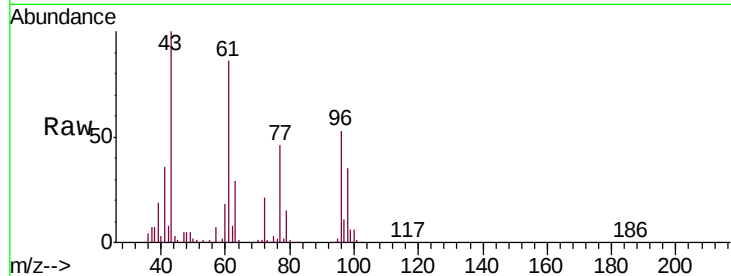
VW0709SBS01

Tgt Ion: 43 Resp: 106151

Ion Ratio Lower Upper

43 100

72 21.4 17.6 26.4



#26

2,2-Dichloropropane

Concen: 21.371 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011172.D

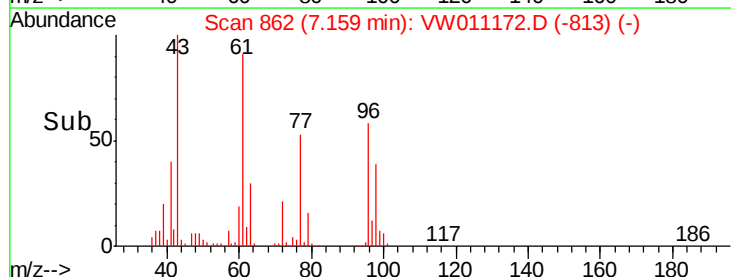
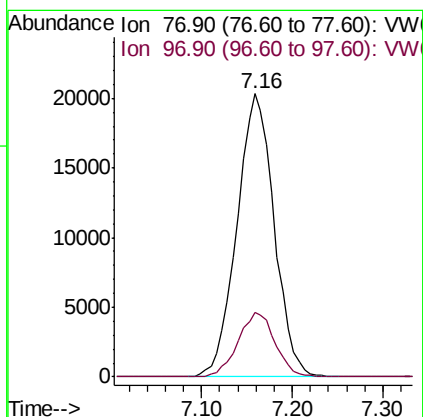
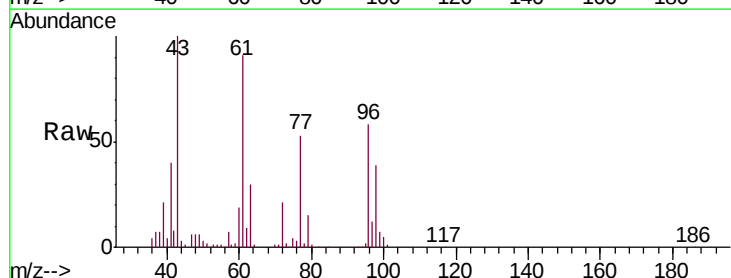
Acq: 09 Jul 2019 12:05

Tgt Ion: 77 Resp: 57640

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



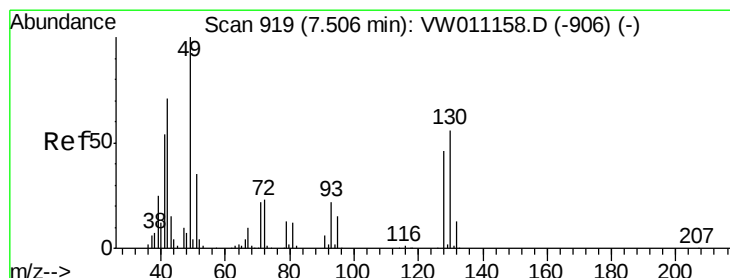
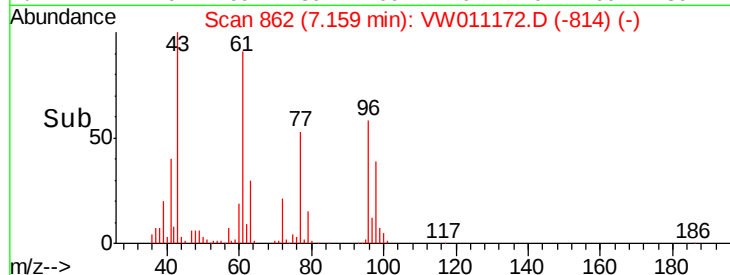
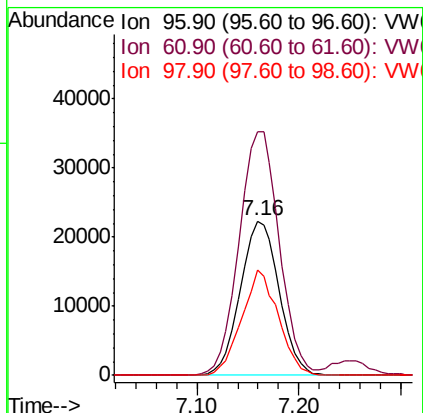
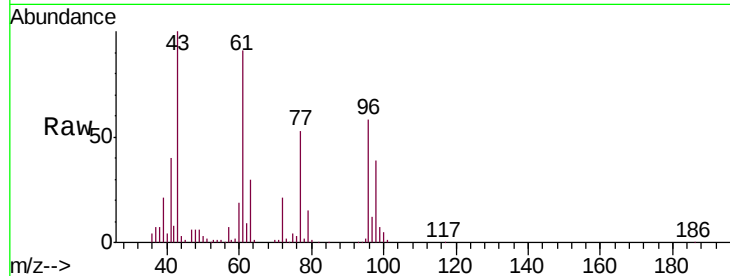


#27

cis-1,2-Dichloroethene
Concen: 20.900 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

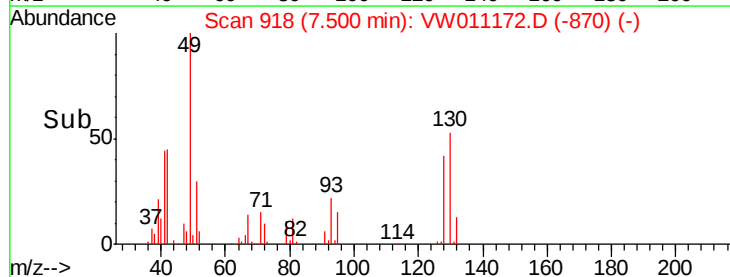
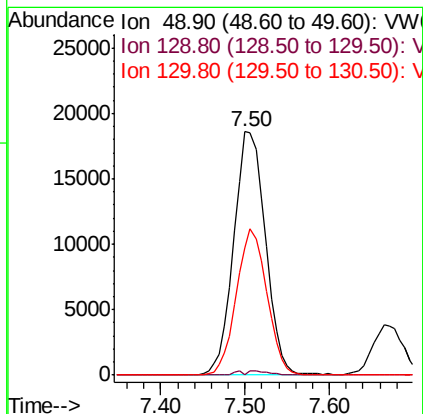
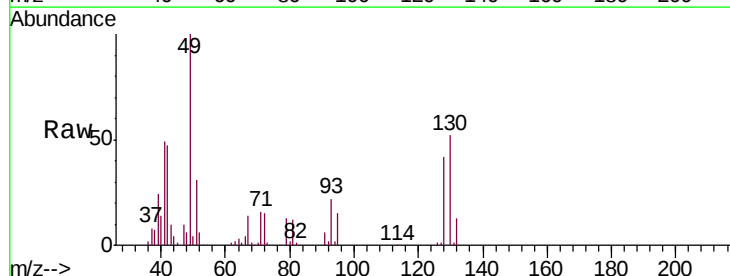
Tgt Ion: 96 Resp: 59019
Ion Ratio Lower Upper
96 100
61 163.4 0.0 325.6
98 64.4 0.0 128.2

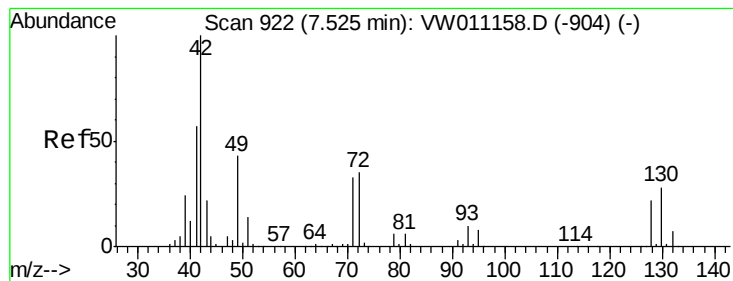


#28

Bromochloromethane
Concen: 20.037 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 49 Resp: 47271
Ion Ratio Lower Upper
49 100
129 0.4 0.0 1.4
130 0.0 45.8 68.8#





#29

Tetrahydrofuran

Concen: 98.352 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

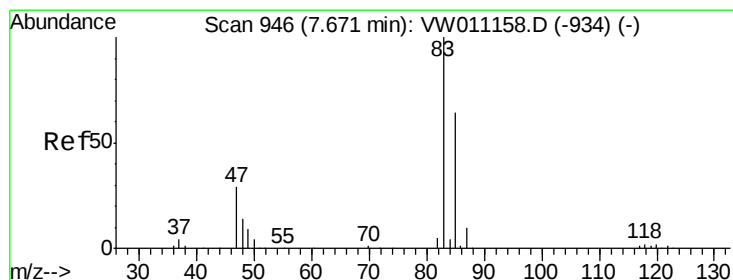
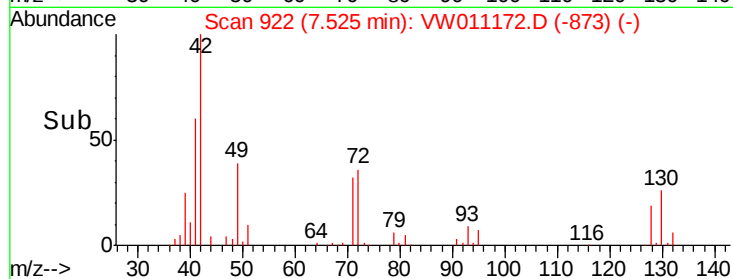
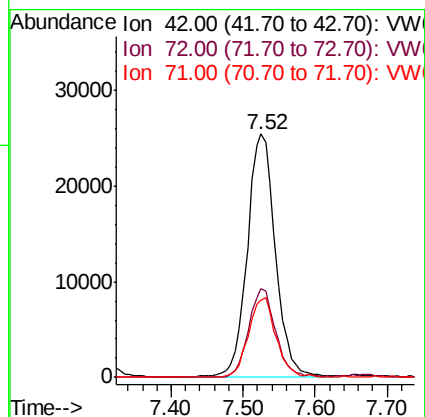
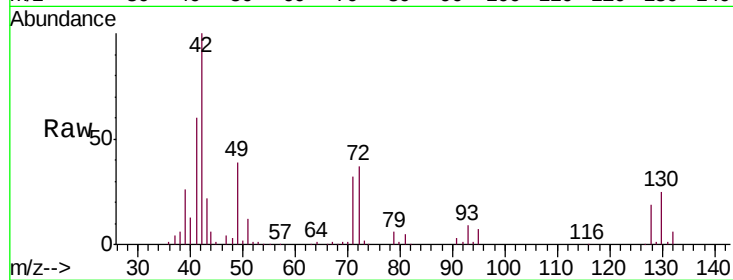
Tgt Ion: 42 Resp: 69408

Ion Ratio Lower Upper

42 100

72 34.8 27.4 41.2

71 31.8 25.9 38.9



#30

Chloroform

Concen: 20.774 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW011172.D

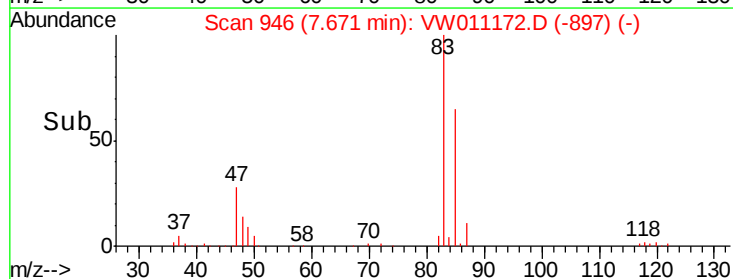
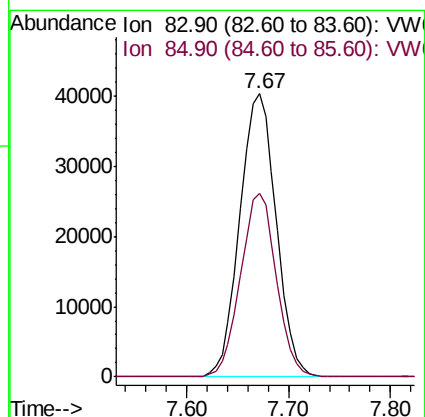
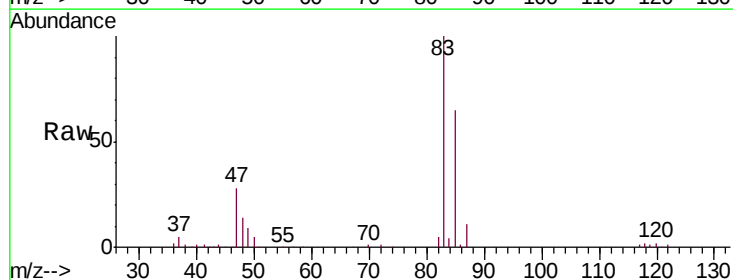
Acq: 09 Jul 2019 12:05

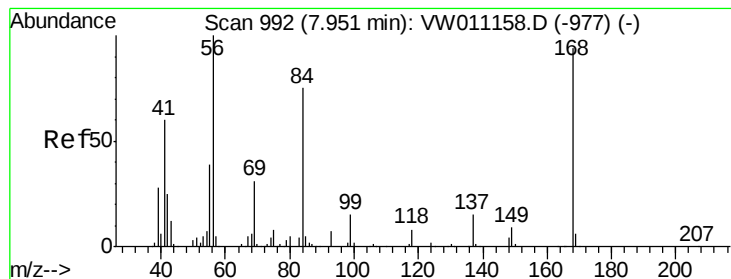
Tgt Ion: 83 Resp: 99821

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.2





#31

Cyclohexane

Concen: 20.941 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

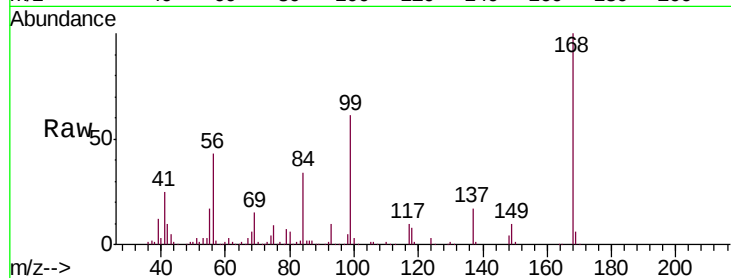
Tgt Ion: 56 Resp: 115592

Ion Ratio Lower Upper

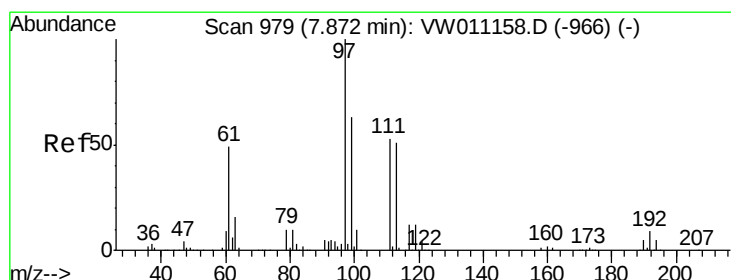
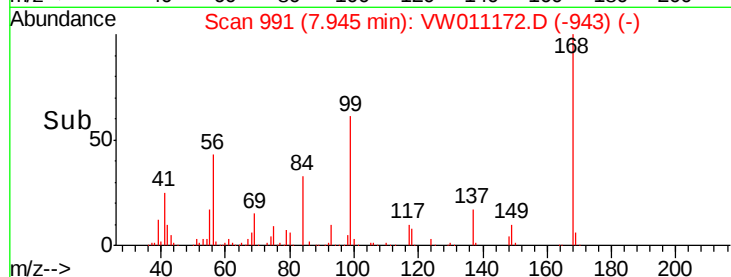
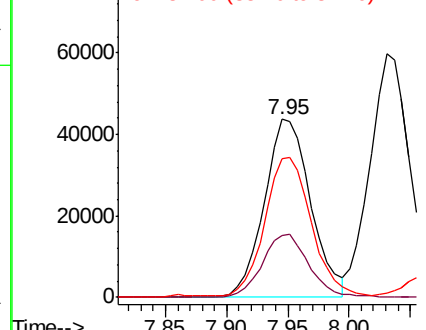
56 100

69 34.8 24.6 36.8

84 77.1 60.1 90.1



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



#32

1,1,1-Trichloroethane

Concen: 21.007 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

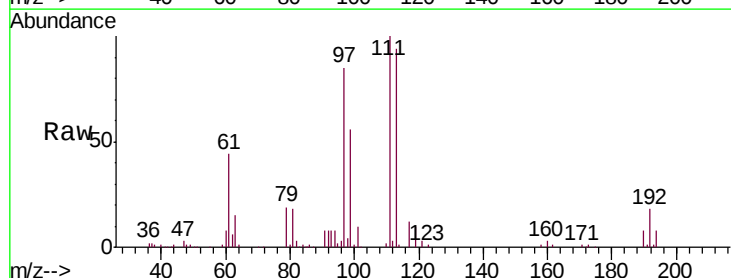
Tgt Ion: 97 Resp: 76785

Ion Ratio Lower Upper

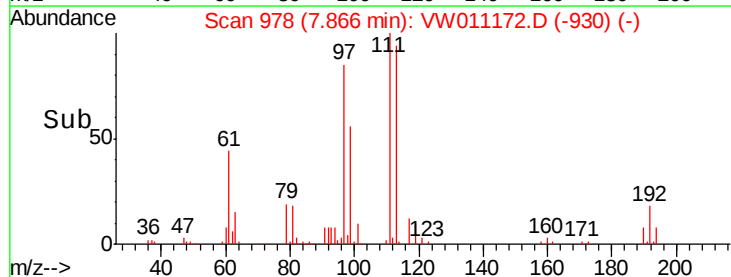
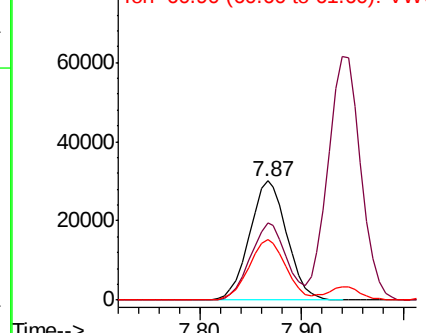
97 100

99 63.1 51.0 76.4

61 50.1 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

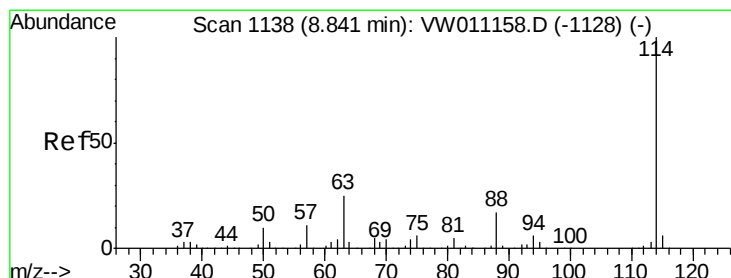
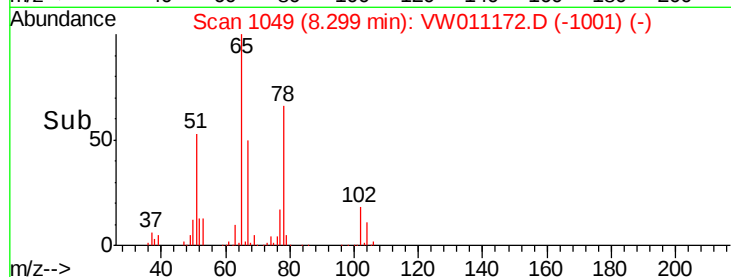
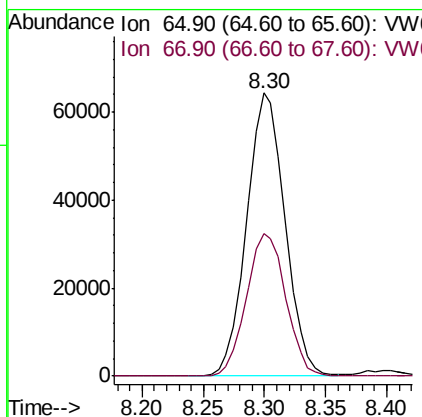
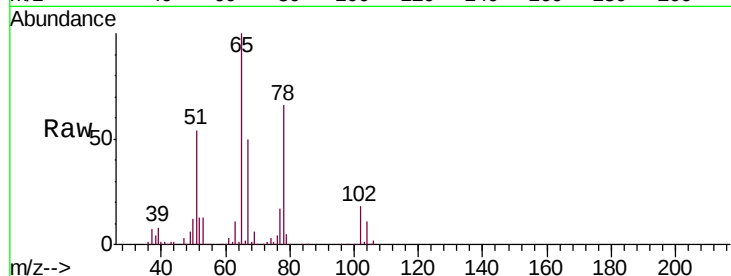




#33
 1,2-Dichloroethane-d4
 Concen: 49.190 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

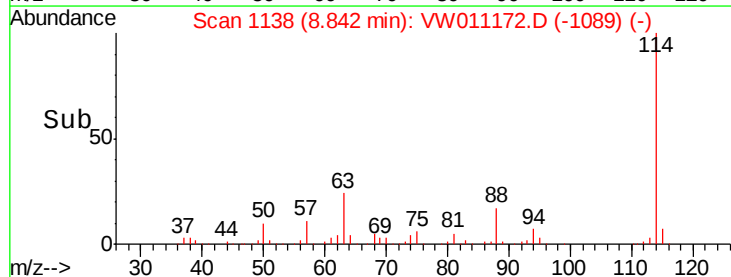
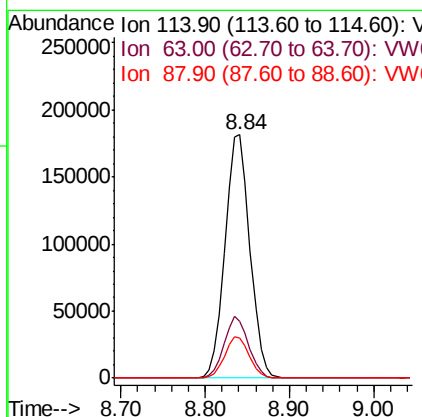
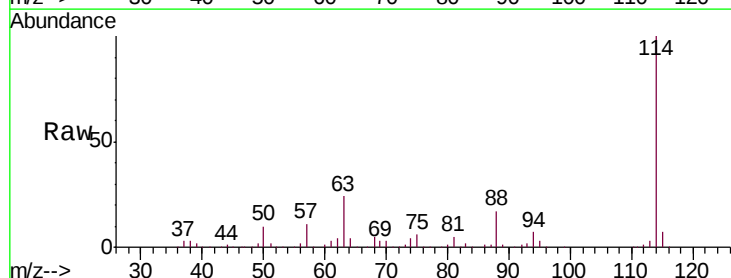
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

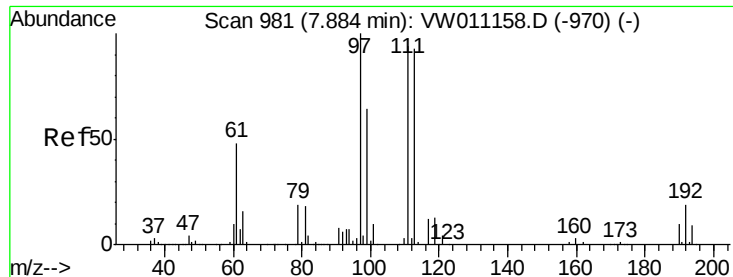
Tgt Ion: 65 Resp: 140170
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 114 Resp: 365361
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 50.8
 88 16.6 0.0 34.2

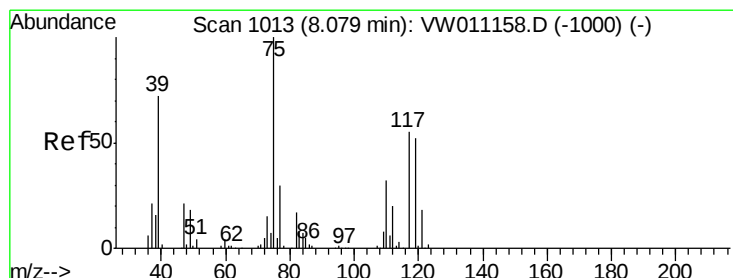
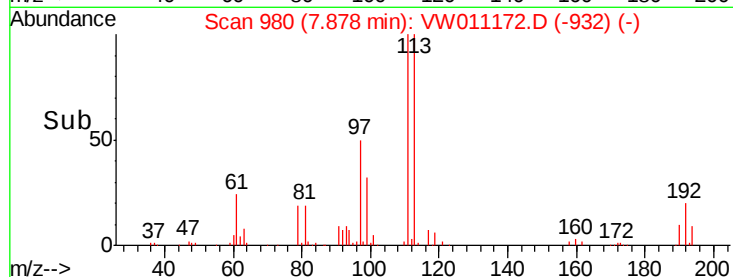
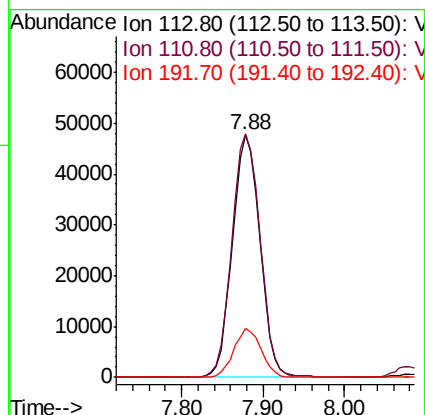
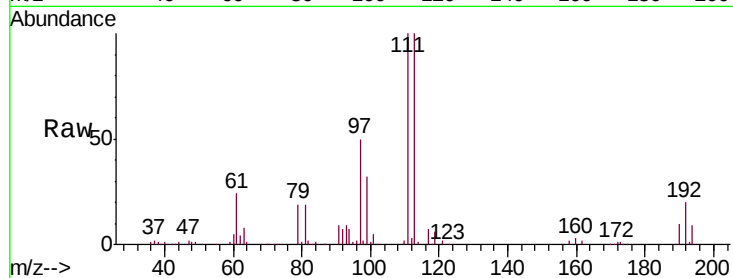




#35
 Dibromofluoromethane
 Concen: 50.925 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

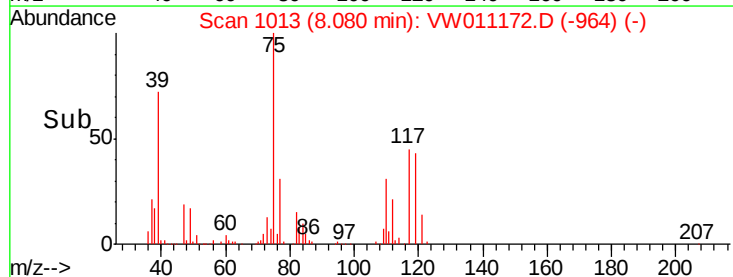
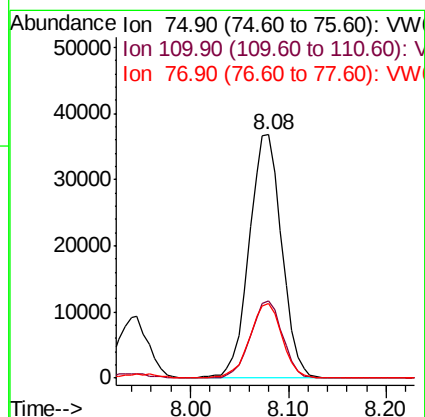
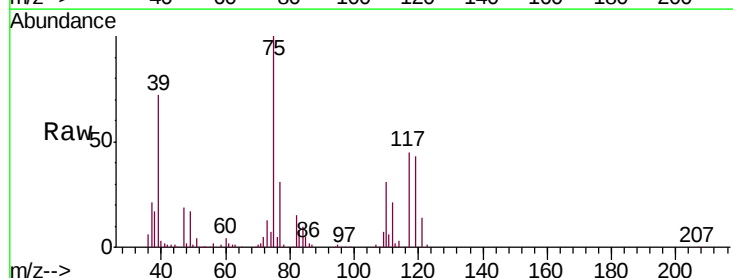
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

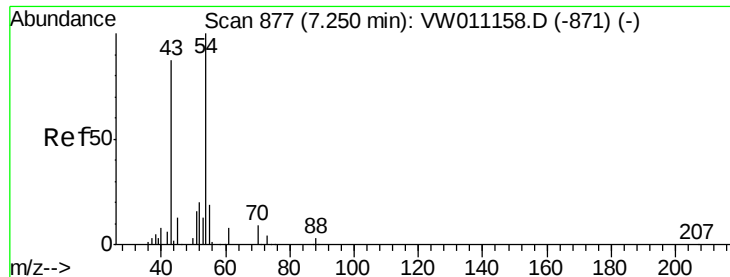
Tgt Ion: 113 Resp: 110900
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 21.793 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 75 Resp: 84791
 Ion Ratio Lower Upper
 75 100
 110 31.4 15.9 47.6
 77 30.8 24.6 36.8

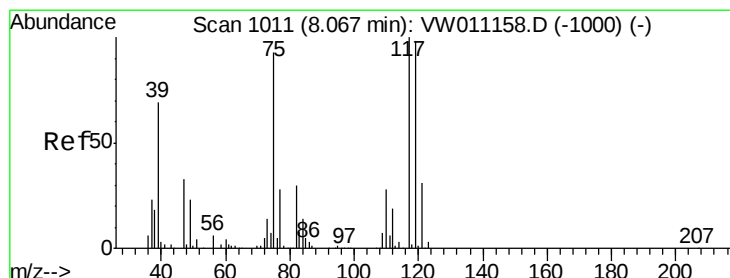
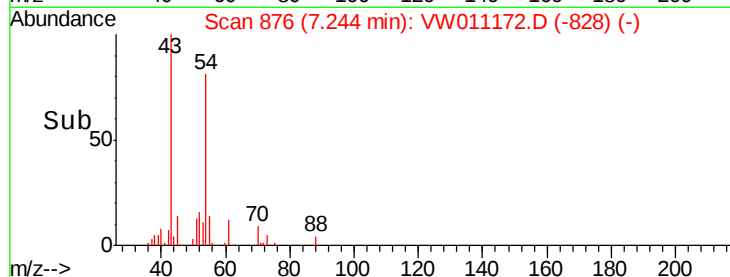
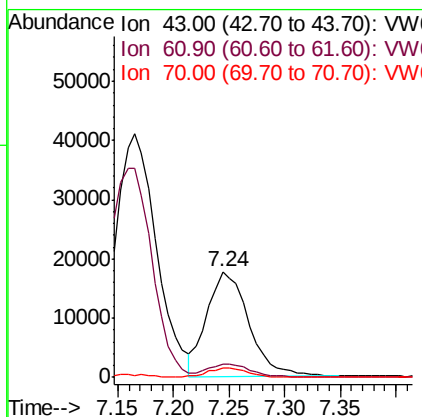
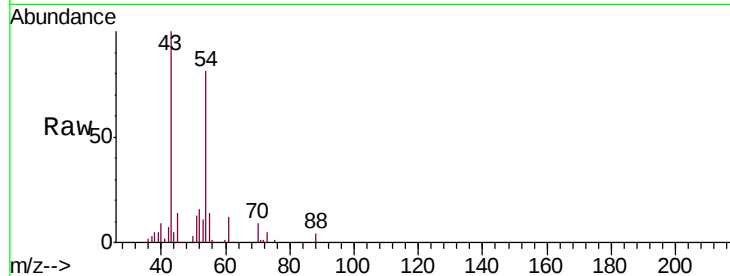




#37
Ethyl Acetate
Concen: 19.706 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

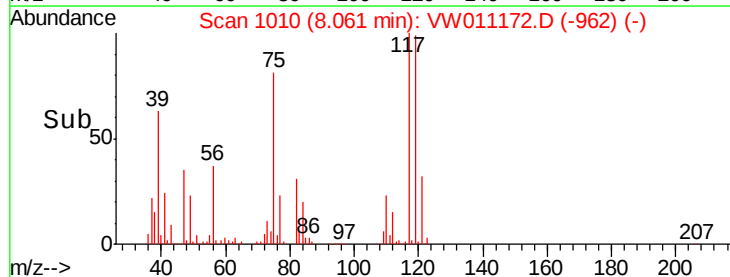
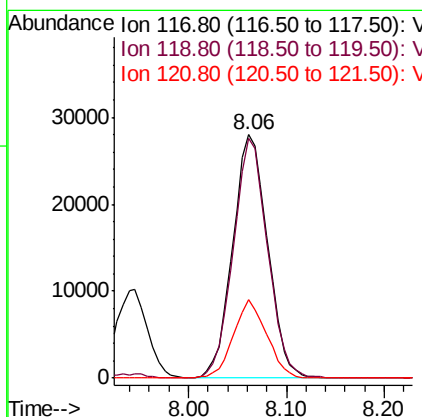
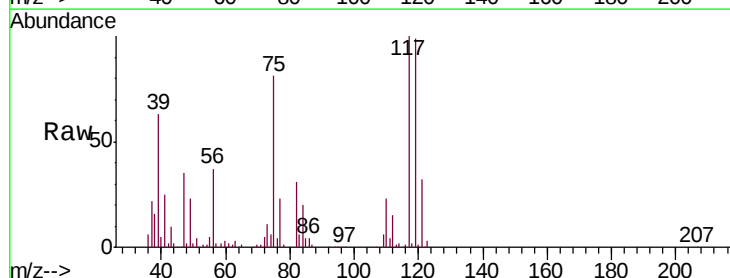
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion: 43 Resp: 46067
Ion Ratio Lower Upper
43 100
61 12.3 9.5 14.3
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.096 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 117 Resp: 69581
Ion Ratio Lower Upper
117 100
119 98.6 78.1 117.1
121 32.1 25.1 37.7

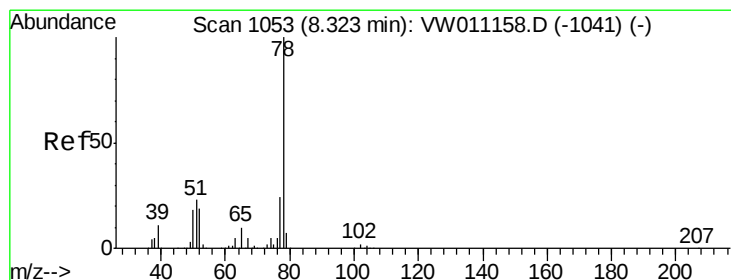
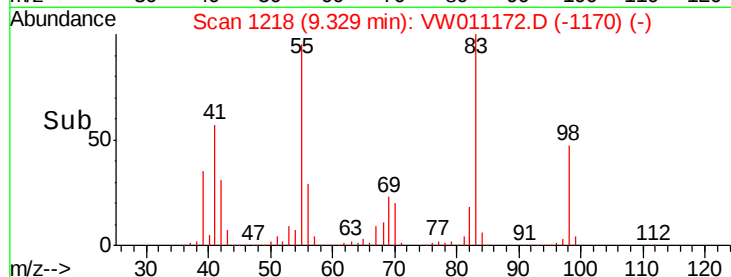
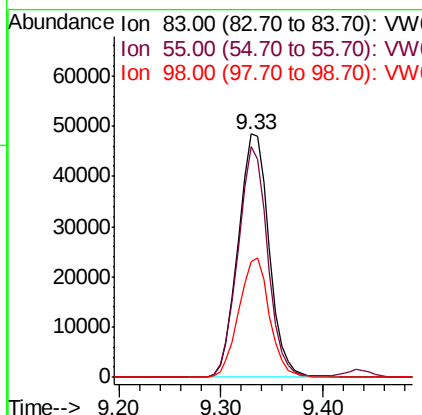
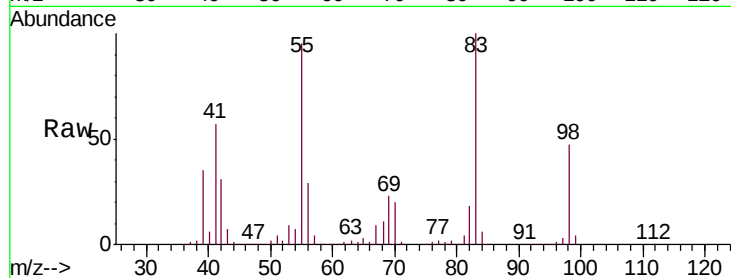




#39
Methylcyclohexane
Concen: 21.699 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

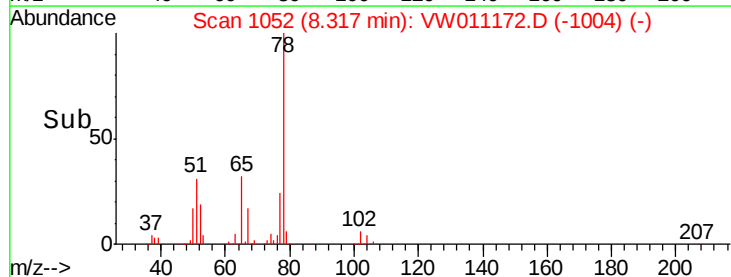
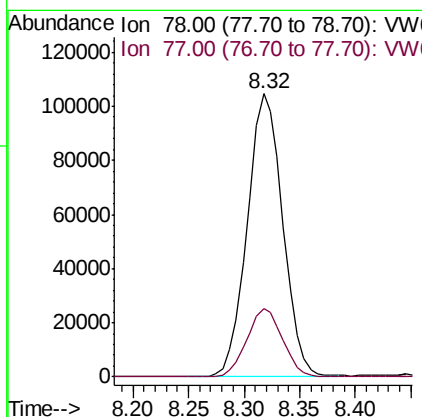
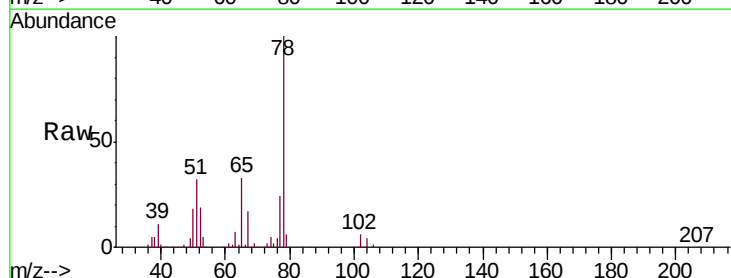
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

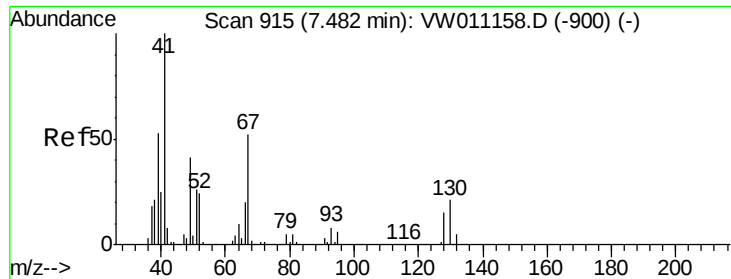
Tgt Ion: 83 Resp: 102328
Ion Ratio Lower Upper
83 100
55 95.0 71.2 106.8
98 47.3 37.5 56.3



#40
Benzene
Concen: 21.611 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 78 Resp: 232378
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

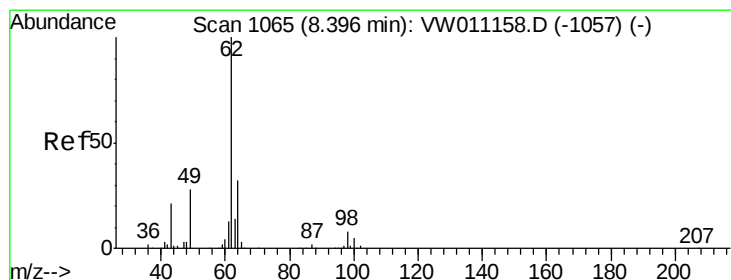
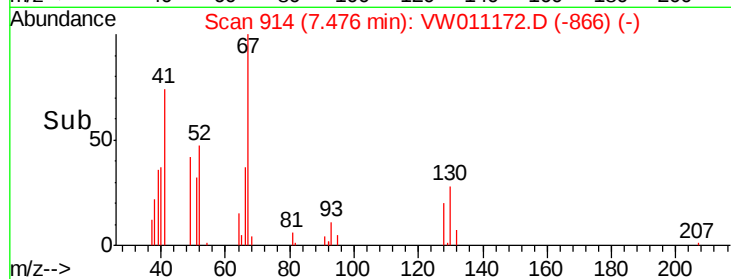
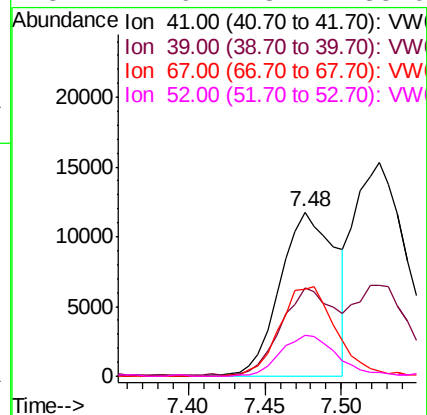
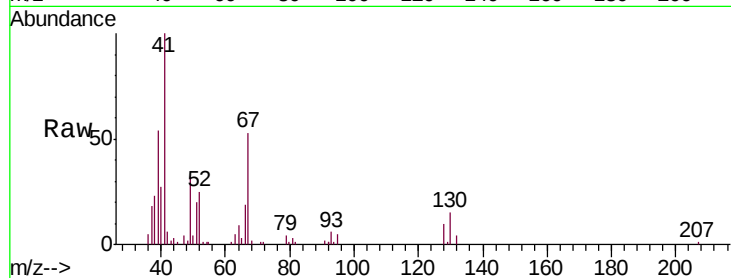




#41
Methacrylonitrile
Concen: 22.419 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

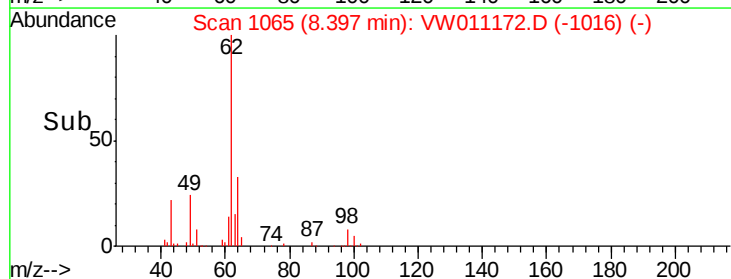
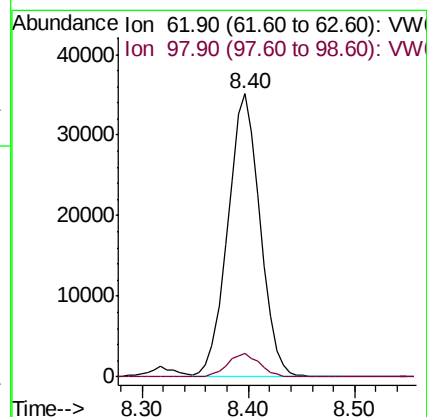
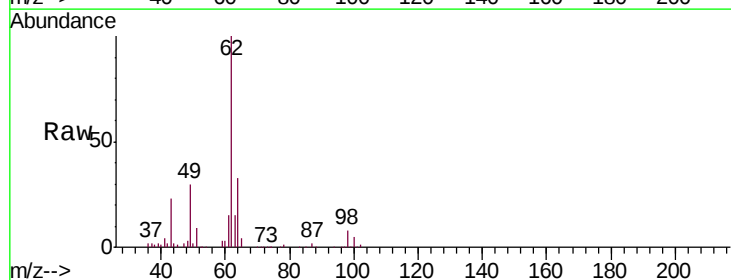
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

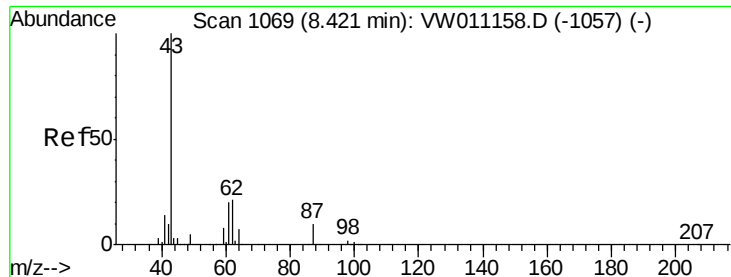
Tgt Ion:	41	Resp:	29974
Ion	Ratio	Lower	Upper
41	100		
39	51.3	48.0	72.0
67	55.1	49.7	74.5
52	24.9	23.4	35.0



#42
1,2-Dichloroethane
Concen: 21.365 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:	62	Resp:	74521
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8

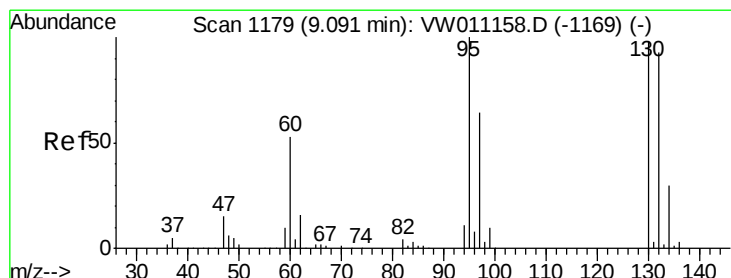
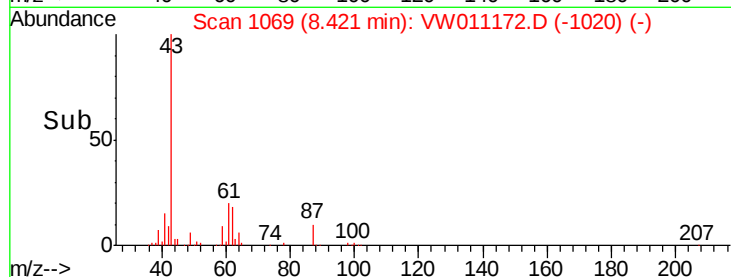
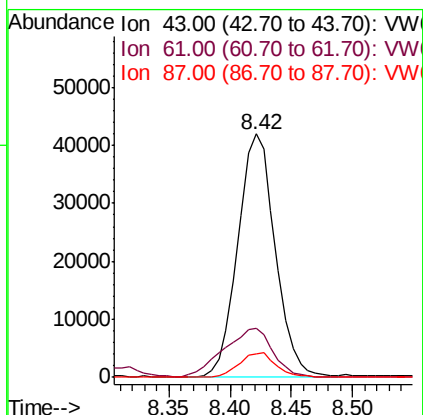
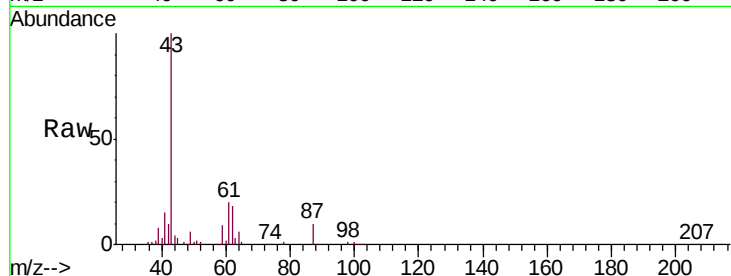




#43
Isopropyl Acetate
Concen: 20.165 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

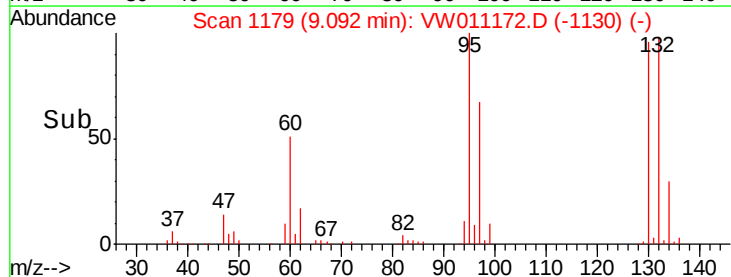
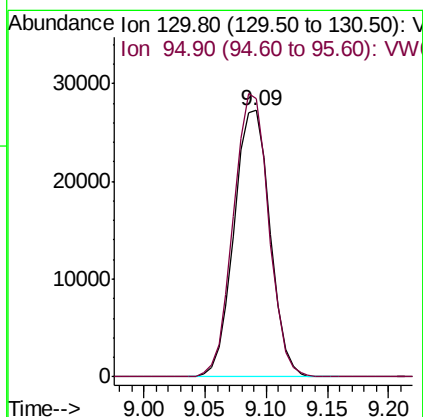
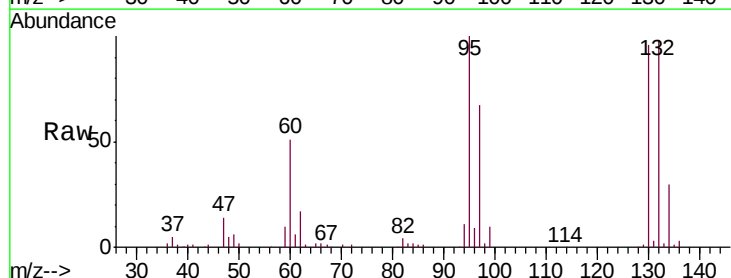
Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

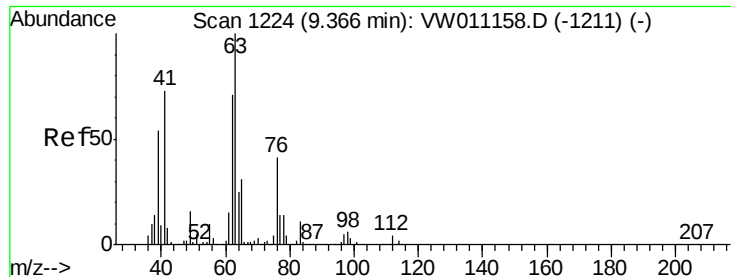
Tgt Ion: 43 Resp: 88999
Ion Ratio Lower Upper
43 100
61 26.6 20.7 31.1
87 10.1 8.1 12.1



#44
Trichloroethene
Concen: 21.531 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 130 Resp: 55711
Ion Ratio Lower Upper
130 100
95 104.3 0.0 203.6





#45

1,2-Dichloropropane

Concen: 21.338 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

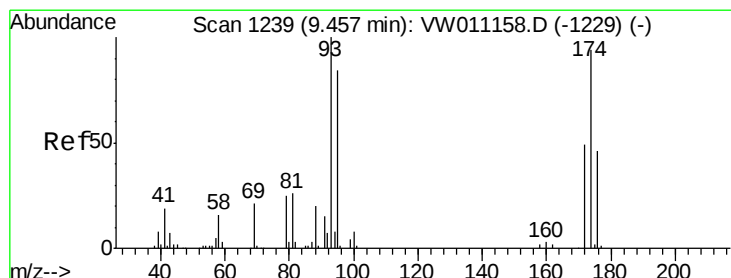
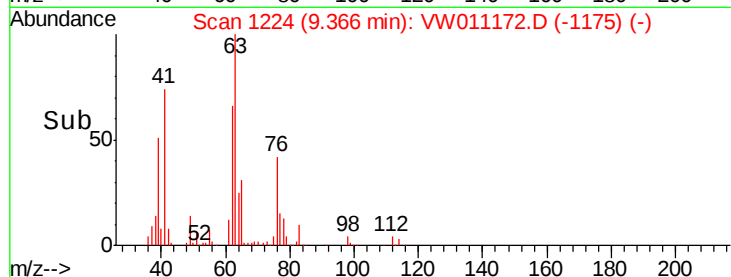
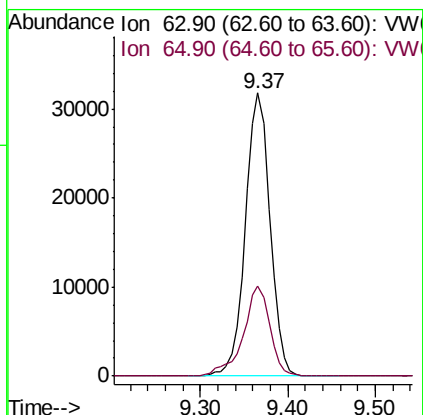
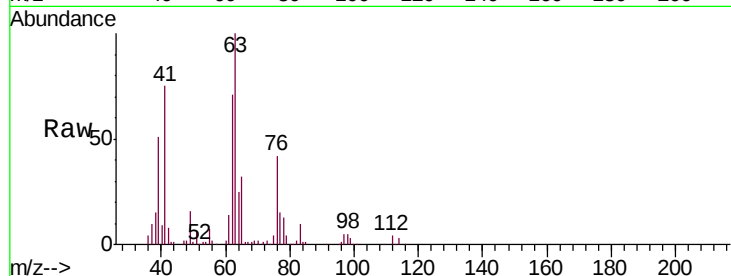
VW0709SBS01

Tgt Ion: 63 Resp: 62131

Ion Ratio Lower Upper

63 100

65 31.8 24.4 36.6



#46

Dibromomethane

Concen: 20.791 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

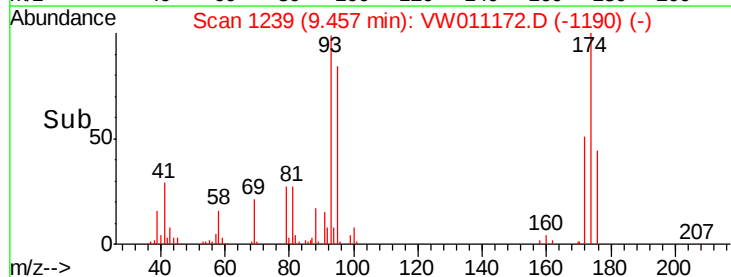
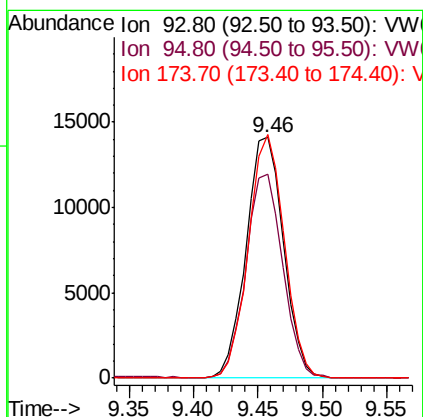
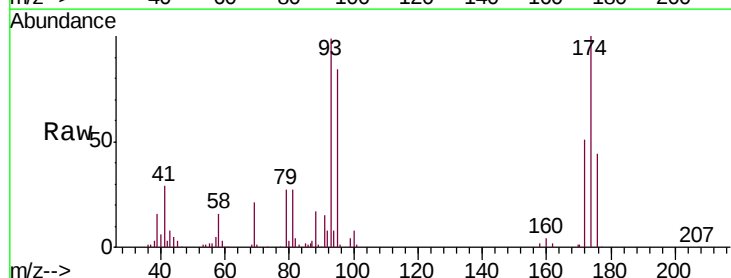
Tgt Ion: 93 Resp: 28438

Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

174 96.7 76.3 114.5

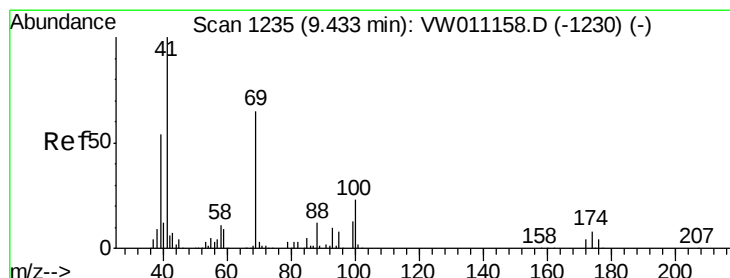
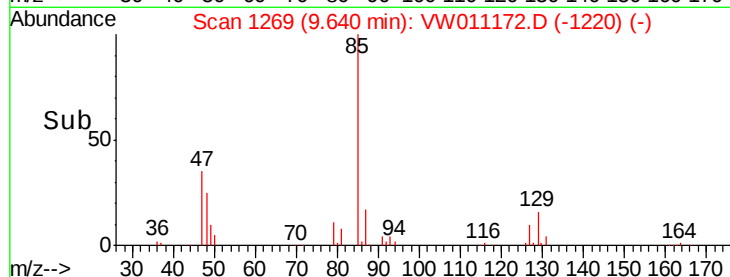
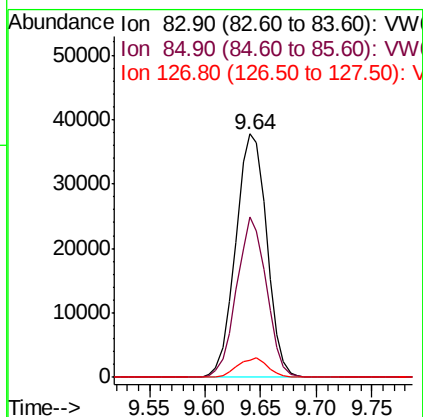
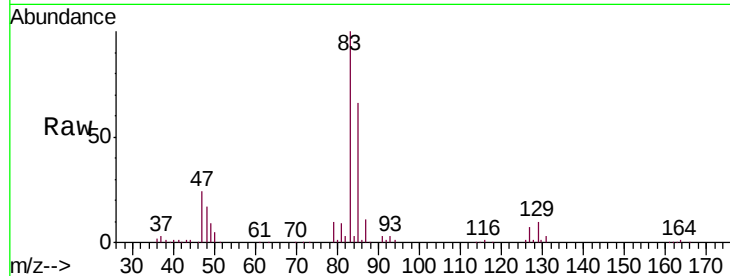




#47
 Bromodichloromethane
 Concen: 20.888 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

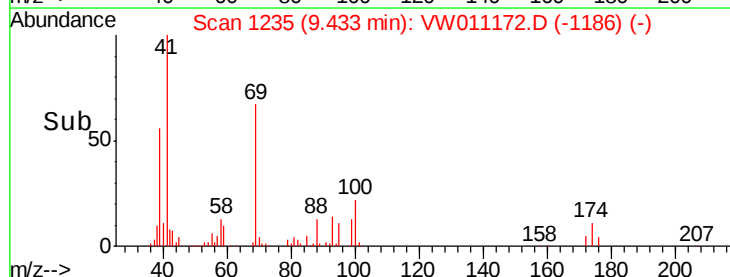
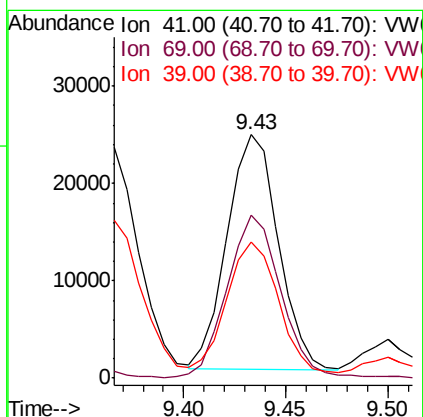
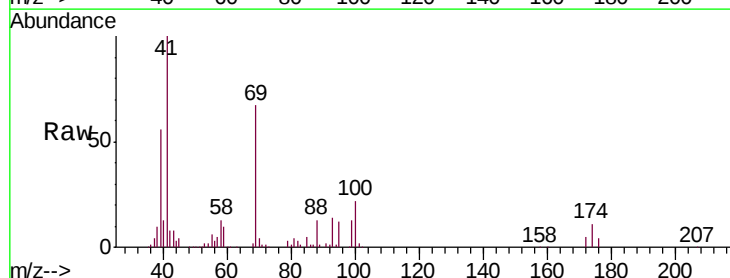
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

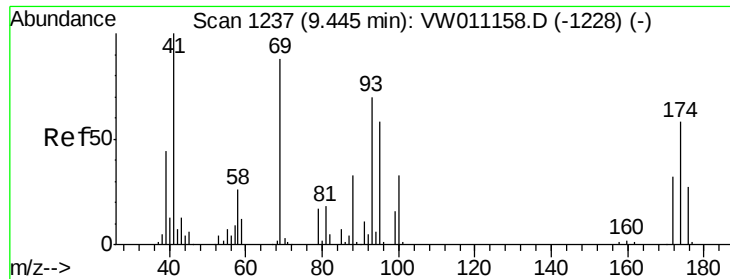
Tgt Ion: 83 Resp: 73102
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.0 76.4
 127 6.9 6.0 9.0



#48
 Methyl methacrylate
 Concen: 19.819 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 41 Resp: 42083
 Ion Ratio Lower Upper
 41 100
 69 72.4 56.0 84.0
 39 55.6 43.5 65.3





#49

1,4-Dioxane

Concen: 405.284 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

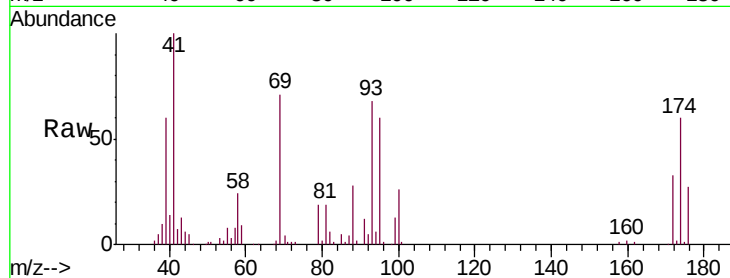
Tgt Ion: 88 Resp: 9253

Ion Ratio Lower Upper

88 100

43 44.7 33.4 50.0

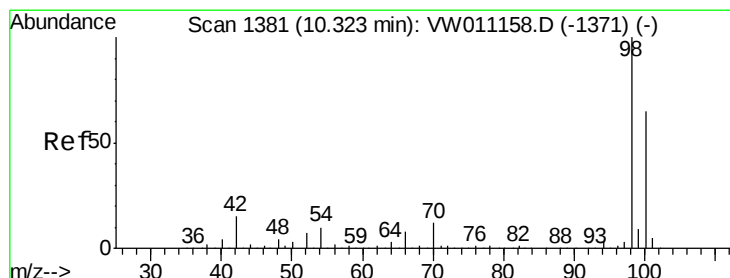
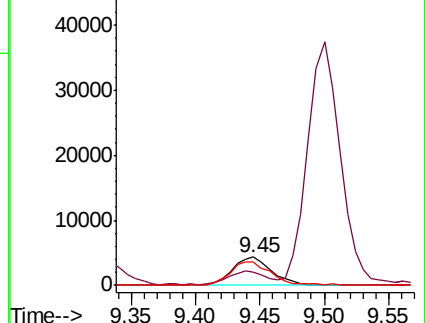
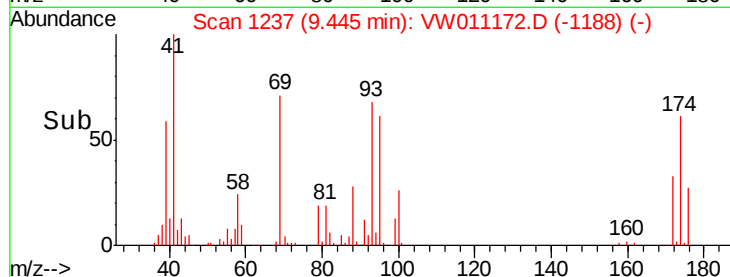
58 89.3 64.5 96.7



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: 51.806 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011172.D

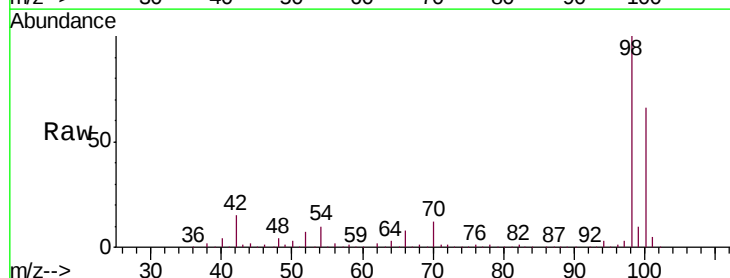
Acq: 09 Jul 2019 12:05

Tgt Ion: 98 Resp: 456031

Ion Ratio Lower Upper

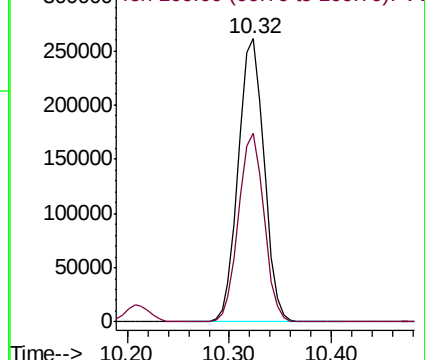
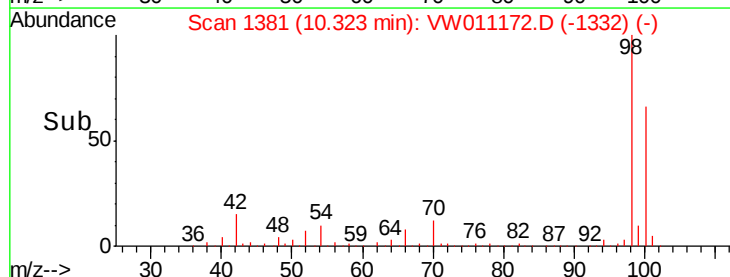
98 100

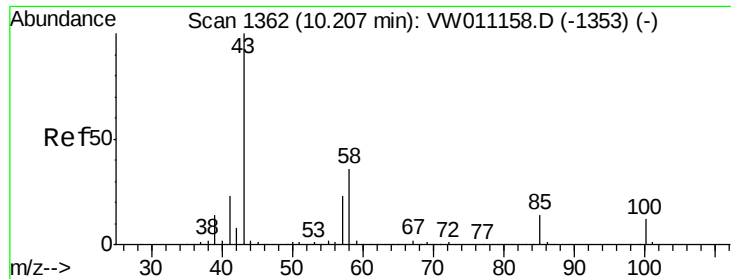
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 100.312 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampled :

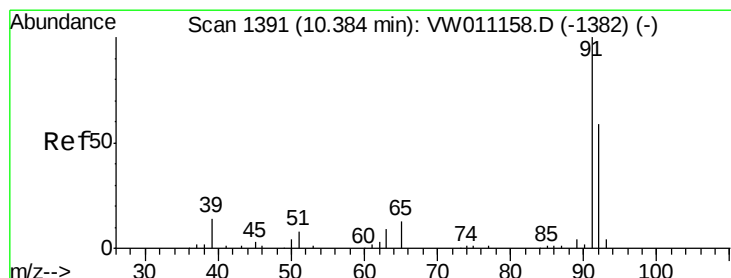
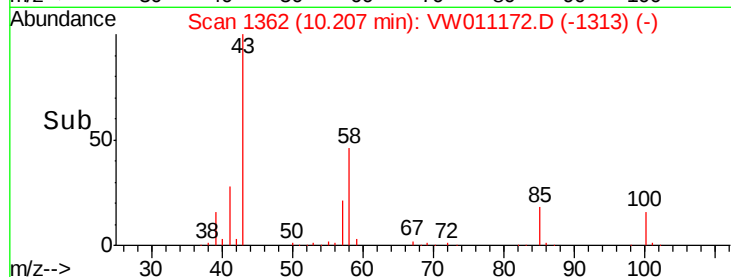
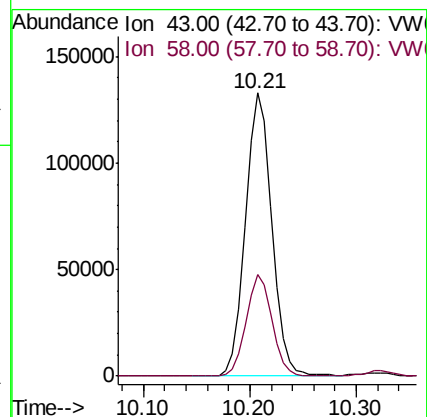
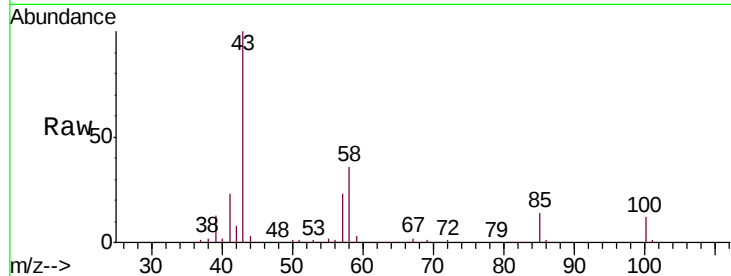
VW0709SBS01

Tgt Ion: 43 Resp: 231268

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 21.646 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011172.D

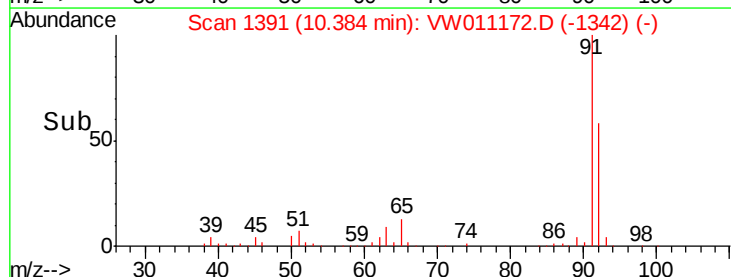
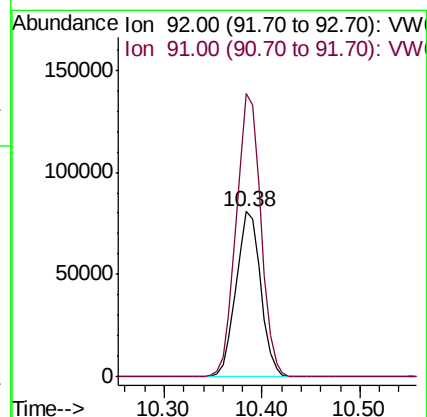
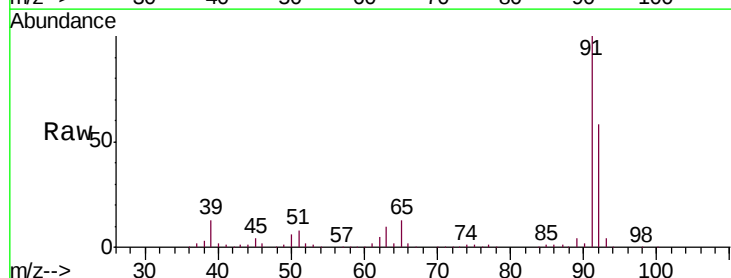
Acq: 09 Jul 2019 12:05

Tgt Ion: 92 Resp: 141190

Ion Ratio Lower Upper

92 100

91 171.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.092 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

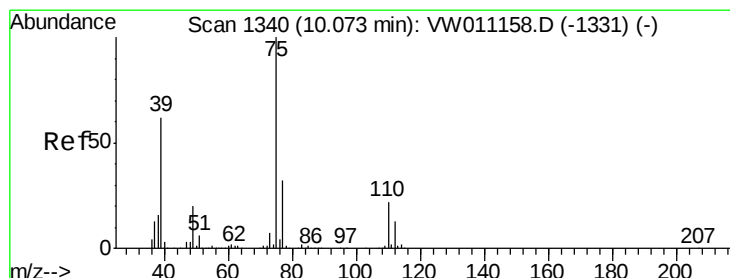
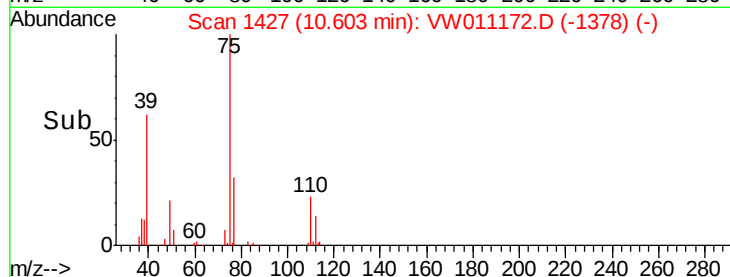
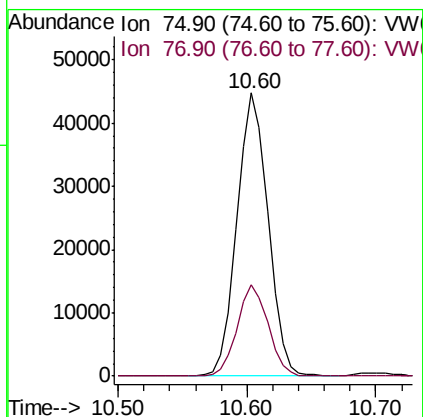
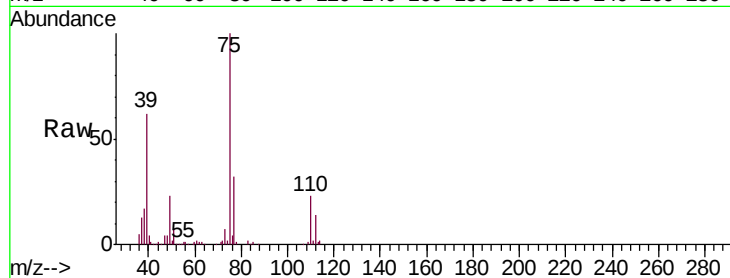
VW0709SBS01

Tgt Ion: 75 Resp: 74847

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.605 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

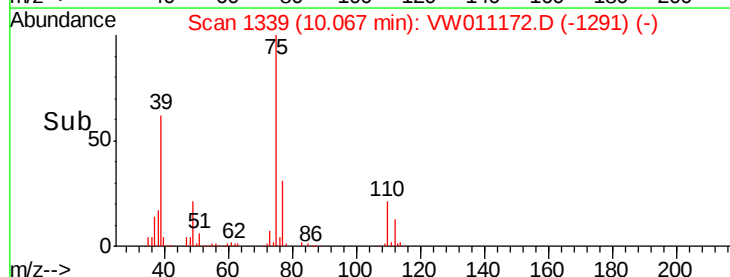
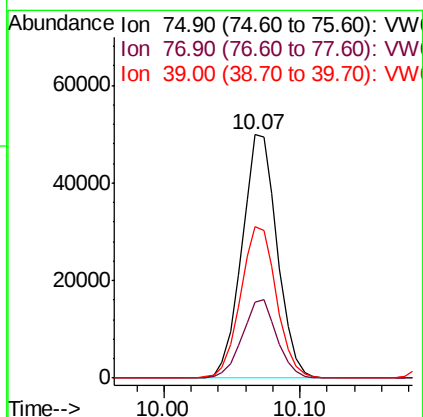
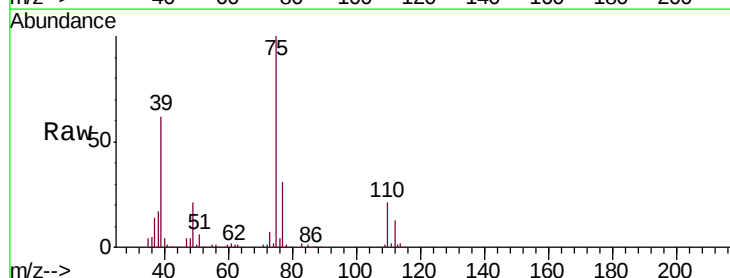
Tgt Ion: 75 Resp: 90347

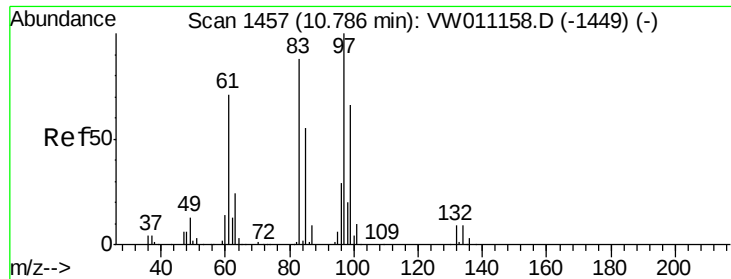
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 62.3 49.8 74.8

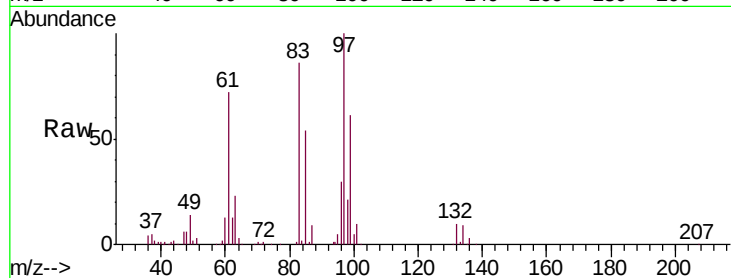




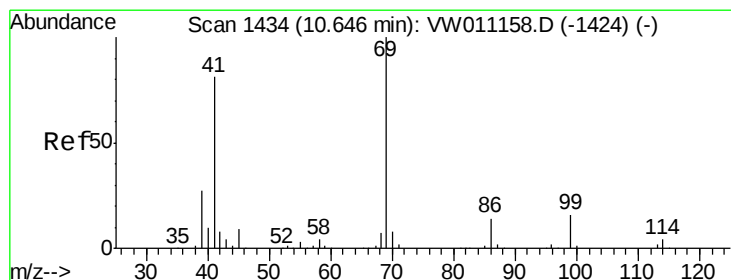
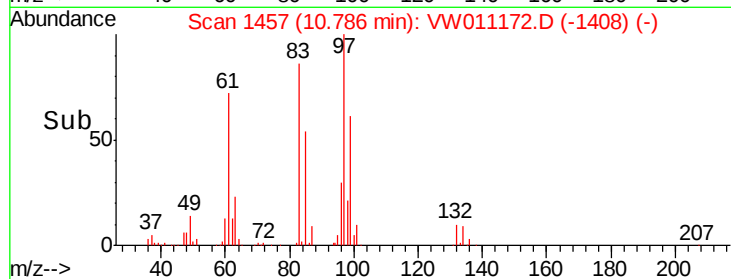
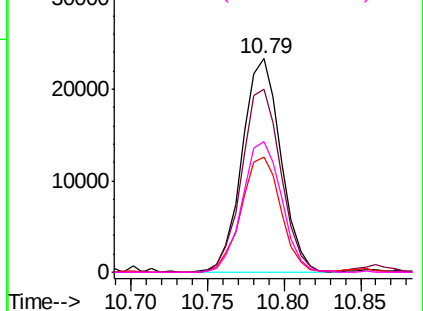
#55
 1,1,2-Trichloroethane
 Concen: 21.087 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tgt Ion: 97 Resp: 40918
 Ion Ratio Lower Upper
 97 100
 83 85.9 70.2 105.4
 85 53.7 44.2 66.2
 99 61.3 52.6 79.0

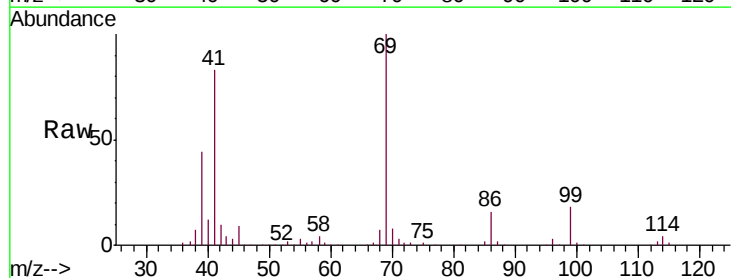


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

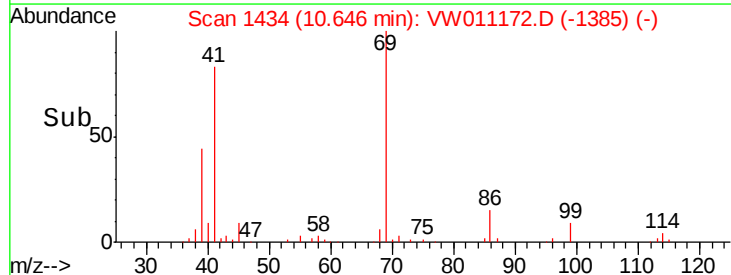
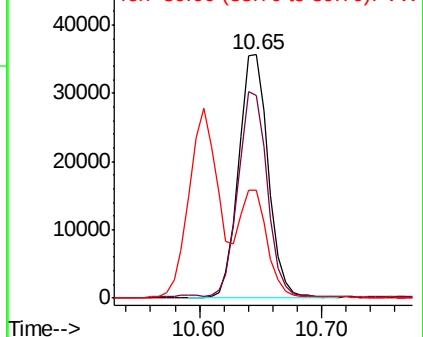


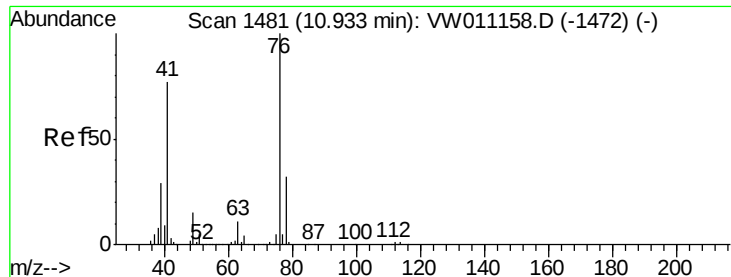
#56
 Ethyl methacrylate
 Concen: 20.258 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 69 Resp: 59848
 Ion Ratio Lower Upper
 69 100
 41 82.9 66.5 99.7
 39 39.1 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

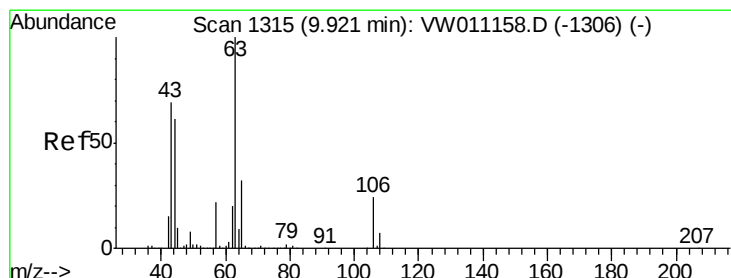
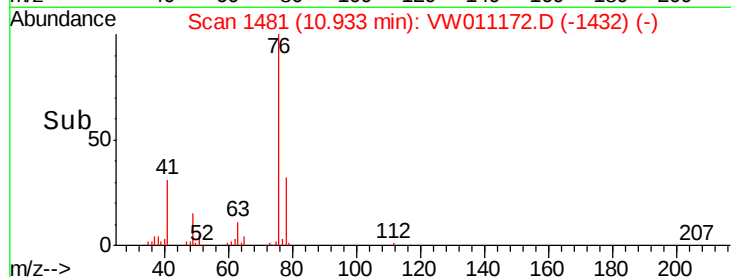
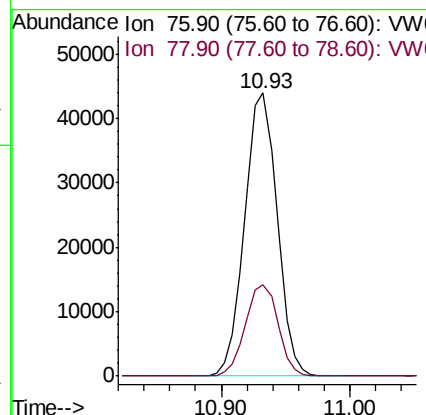
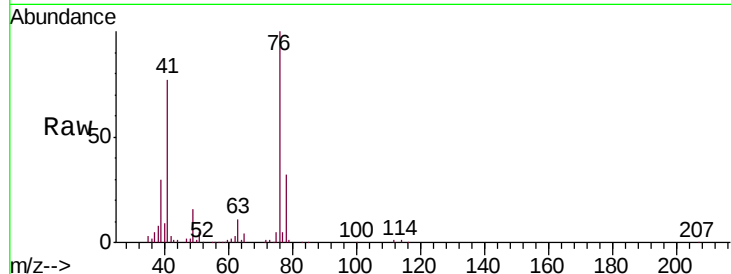




#57
 1,3-Dichloropropane
 Concen: 20.900 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

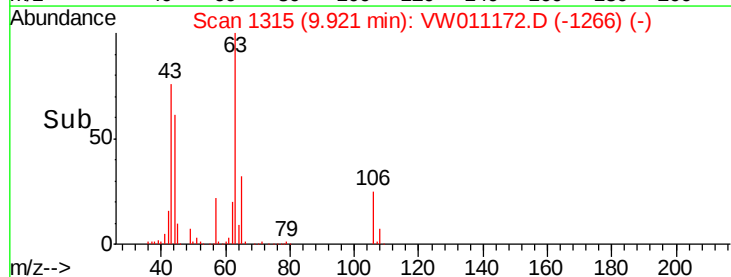
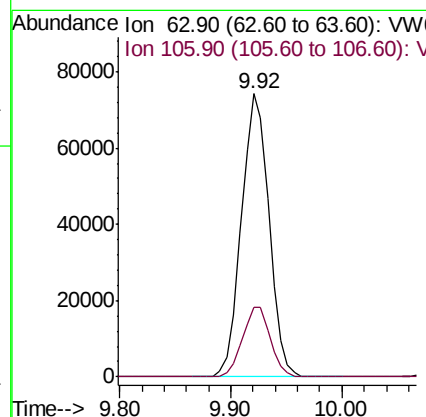
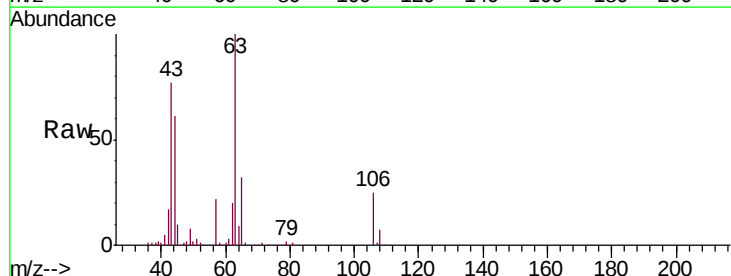
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

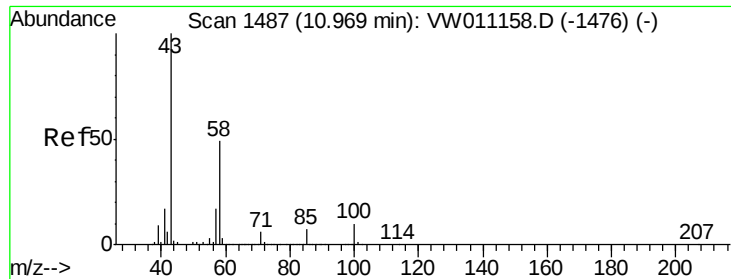
Tgt Ion: 76 Resp: 76689
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.014 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 63 Resp: 127392
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.4 29.0

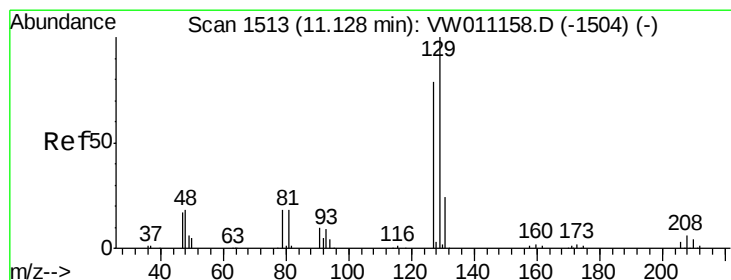
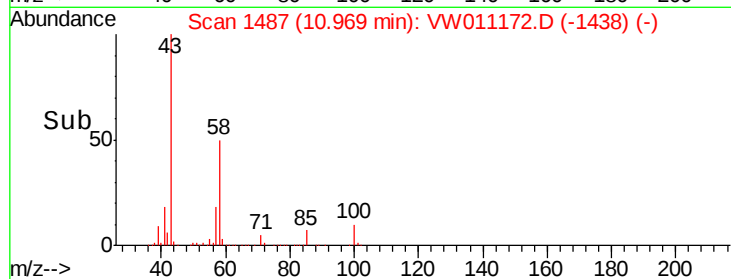
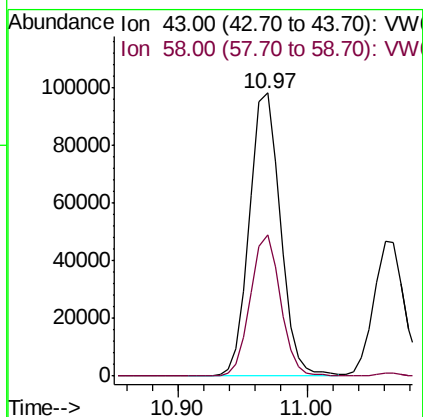
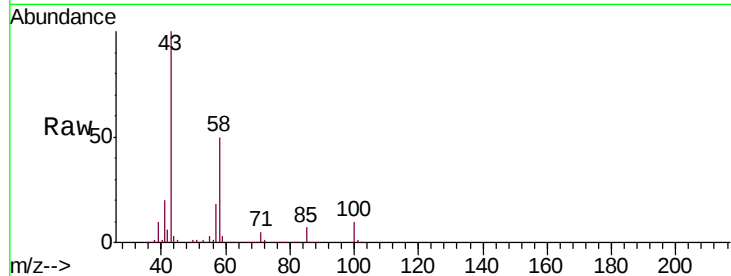




#59
2-Hexanone
Concen: 101.958 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

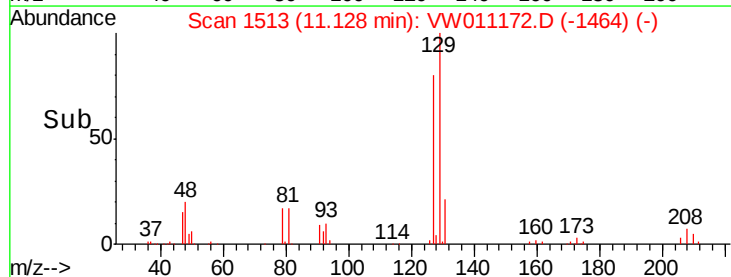
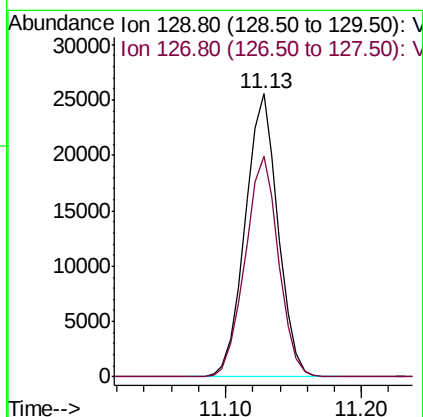
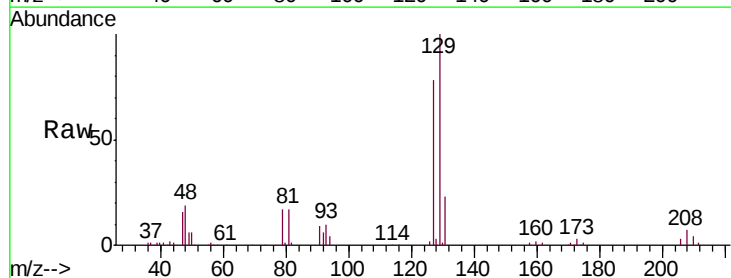
Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

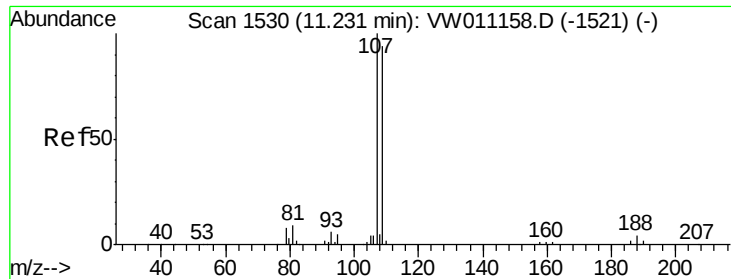
Tgt Ion: 43 Resp: 163016
Ion Ratio Lower Upper
43 100
58 48.6 24.4 73.4



#60
Dibromochloromethane
Concen: 20.242 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 129 Resp: 43071
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3

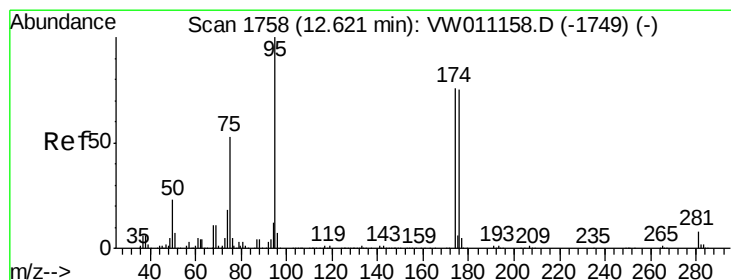
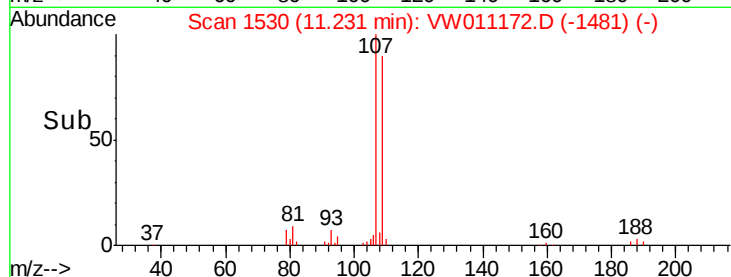
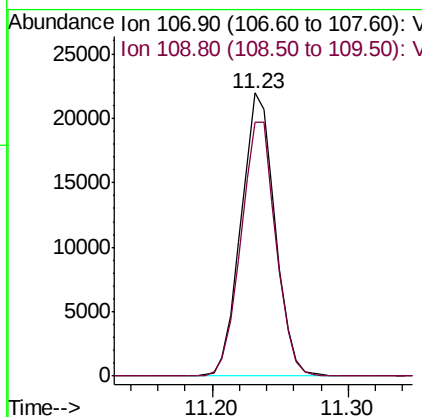
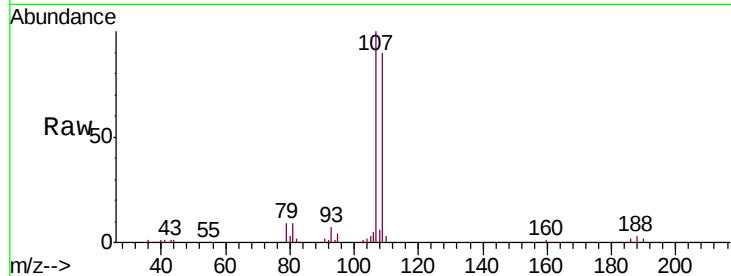




#61
 1,2-Dibromoethane
 Concen: 20.780 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

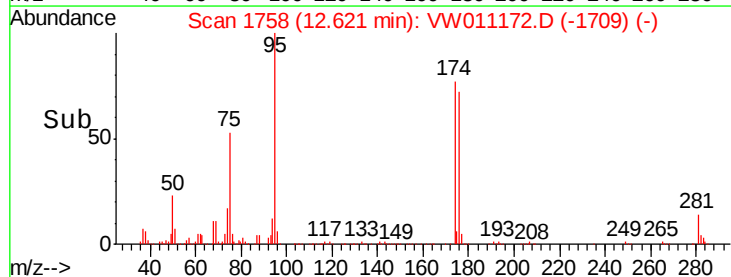
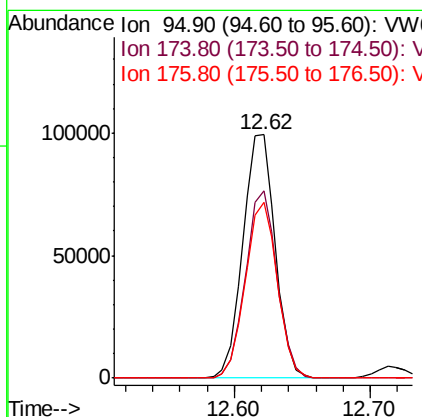
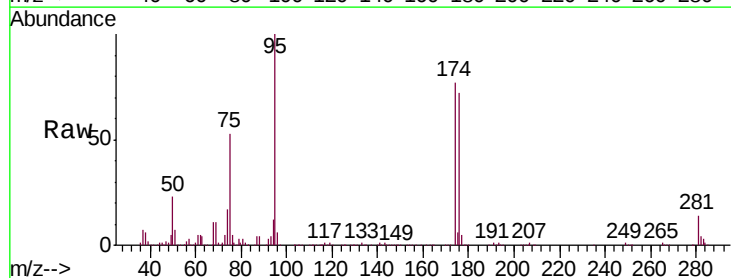
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

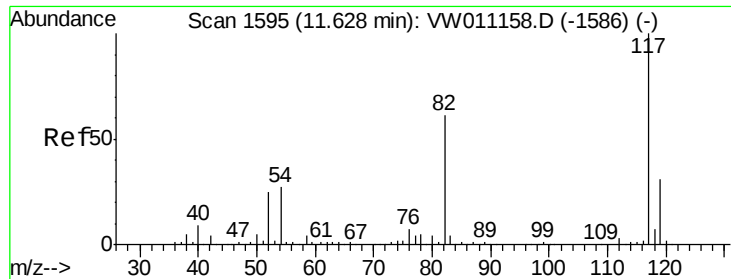
Tgt Ion: 107 Resp: 38194
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 51.240 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 95 Resp: 165326
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 147.6
 176 71.4 0.0 144.6

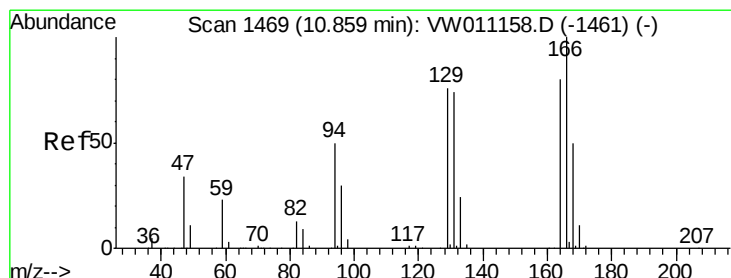
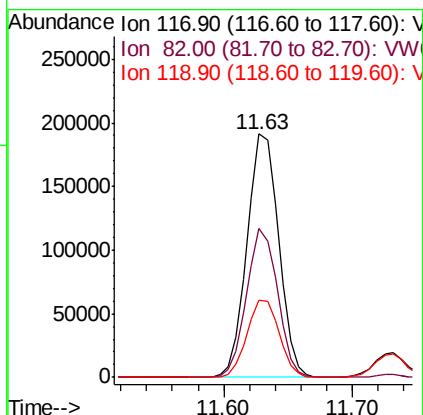
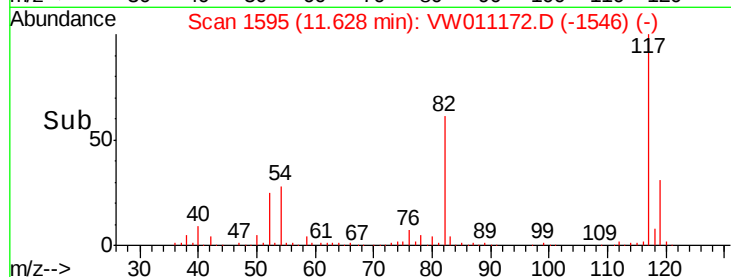
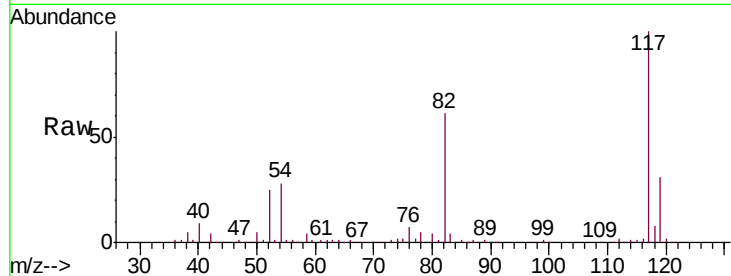




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

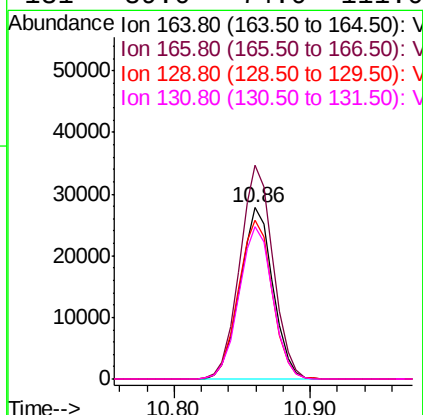
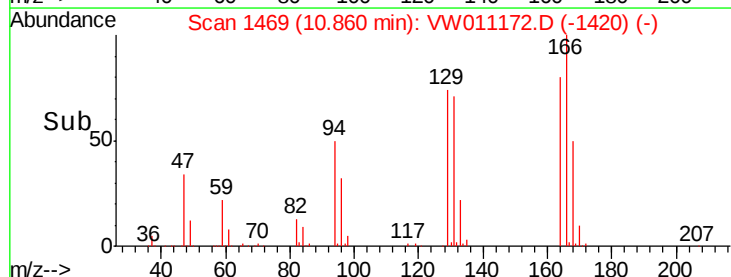
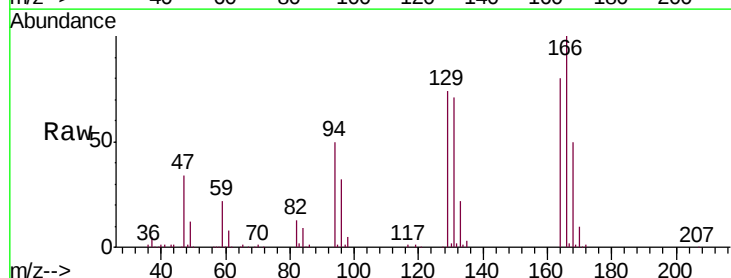
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

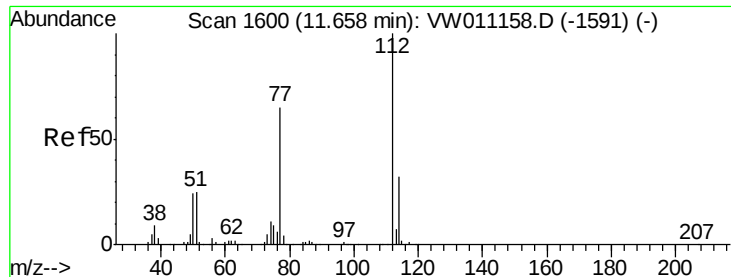
Tgt Ion:117 Resp: 324478
Ion Ratio Lower Upper
117 100
82 61.2 48.9 73.3
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 21.428 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:164 Resp: 46917
Ion Ratio Lower Upper
164 100
166 124.8 99.7 149.5
129 92.9 76.2 114.2
131 89.0 74.0 111.0

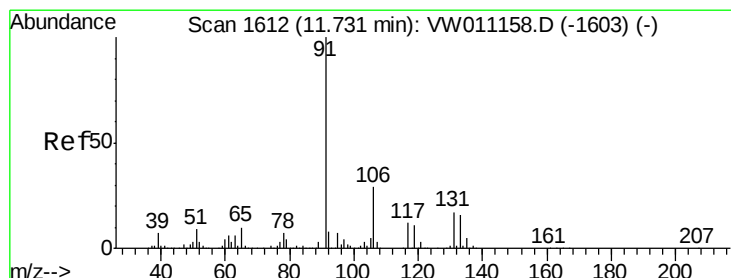
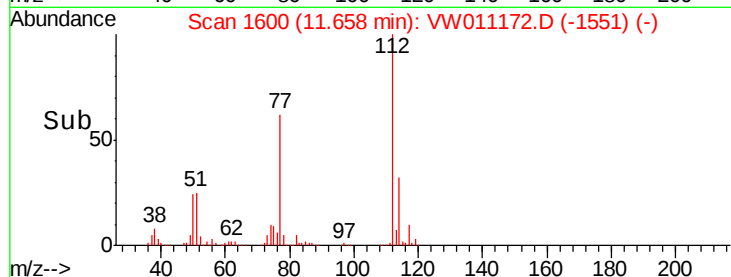
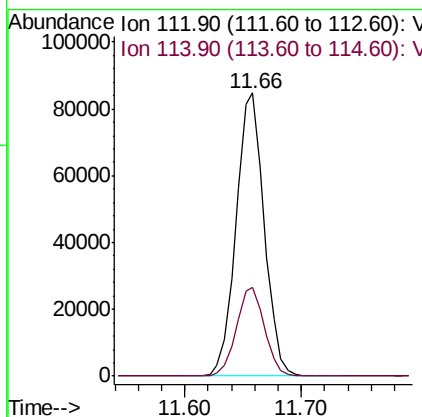
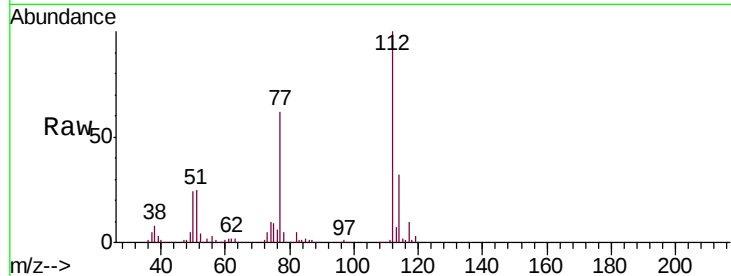




#65
Chlorobenzene
Concen: 21.533 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

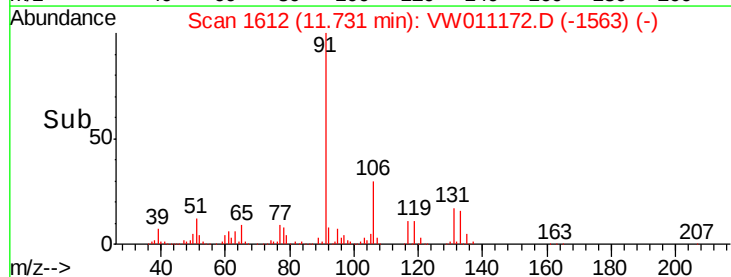
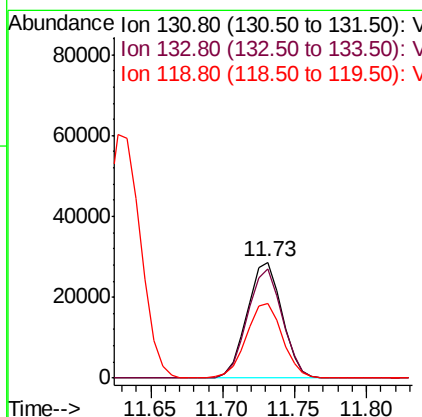
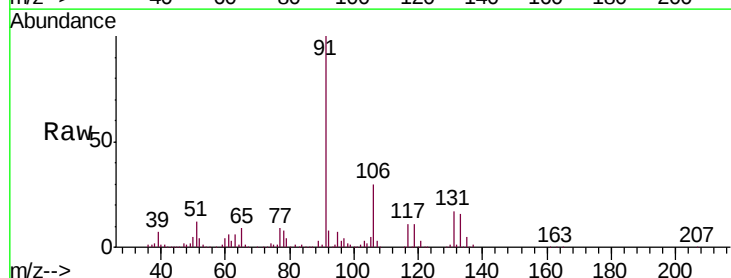
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

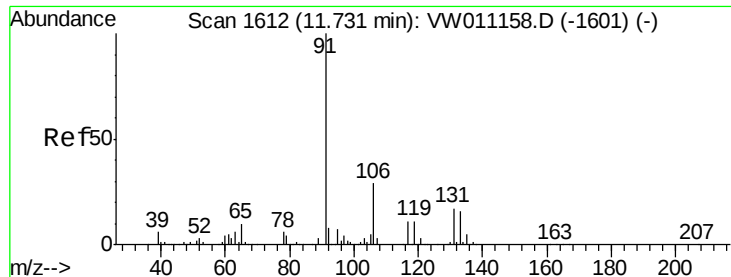
Tgt Ion:112 Resp: 142055
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:131 Resp: 48143
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.8
119 66.2 33.1 99.2

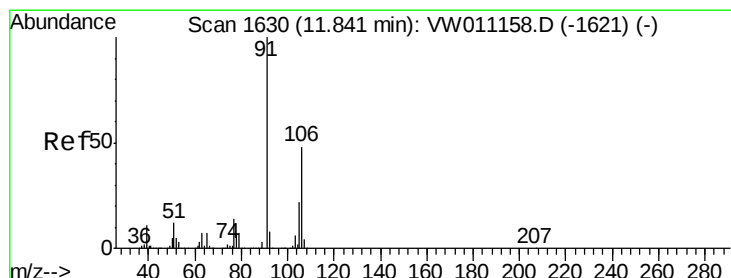
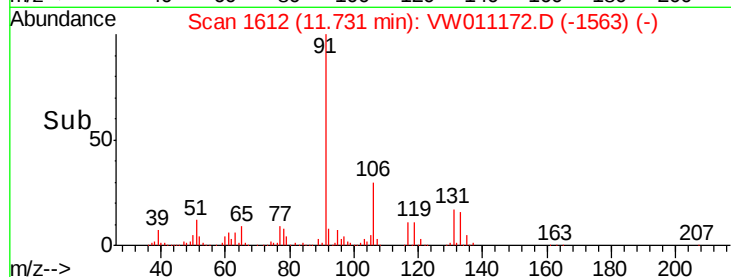
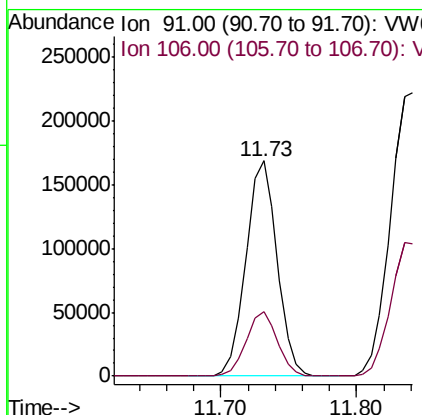
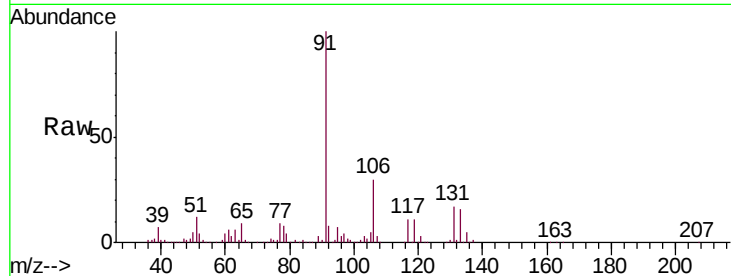




#67
Ethyl Benzene
Concen: 21.449 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

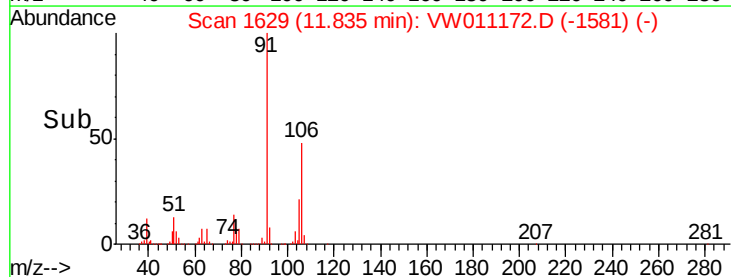
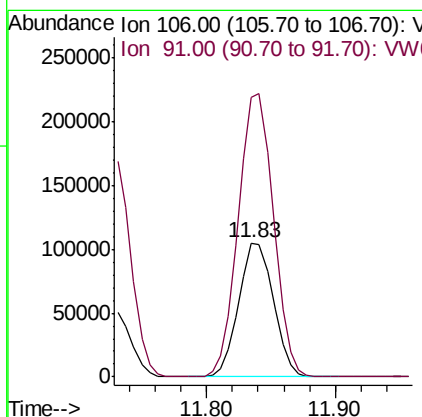
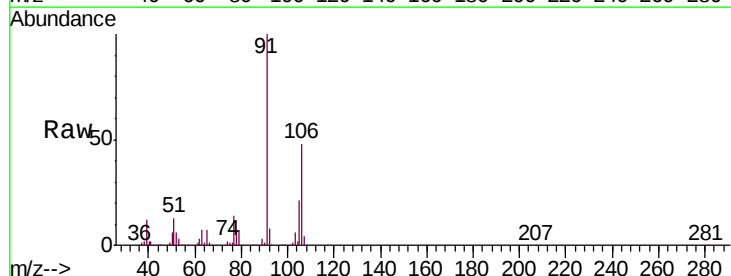
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

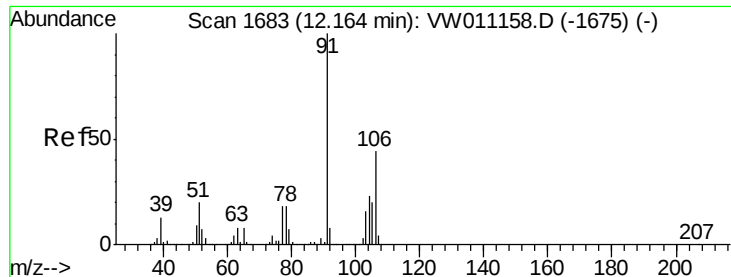
Tgt Ion: 91 Resp: 270876
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3



#68
m/p-Xylenes
Concen: 42.926 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 106 Resp: 196159
Ion Ratio Lower Upper
106 100
91 214.5 167.7 251.5

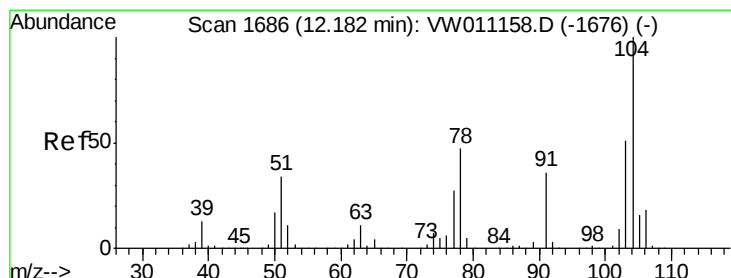
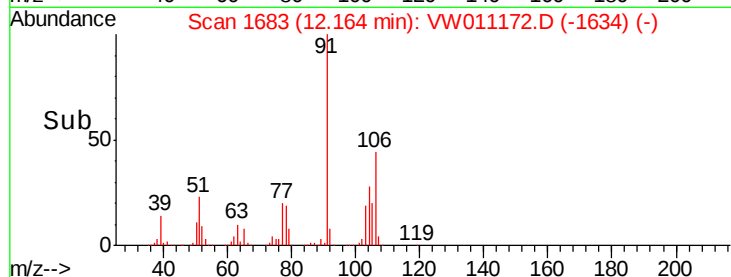
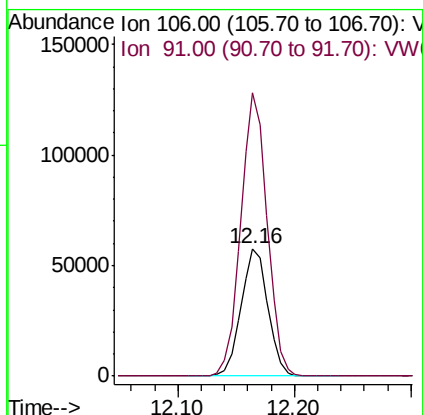
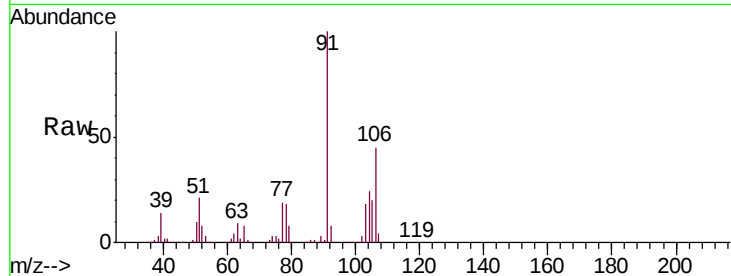




#69
o-Xylene
Concen: 21.449 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

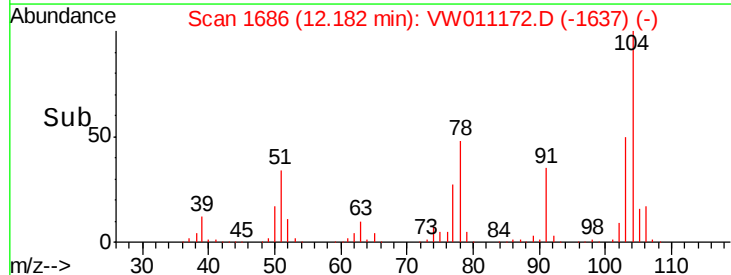
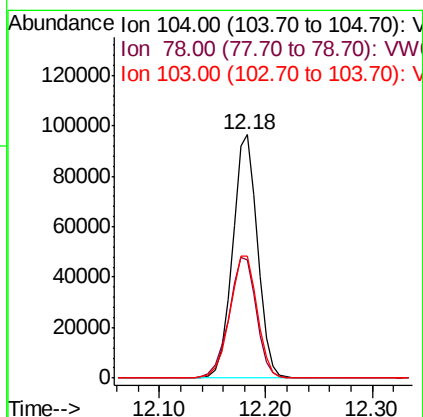
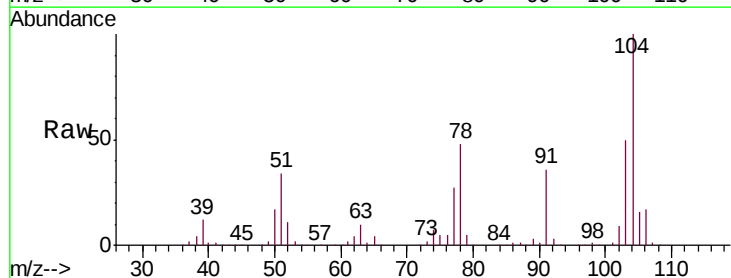
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

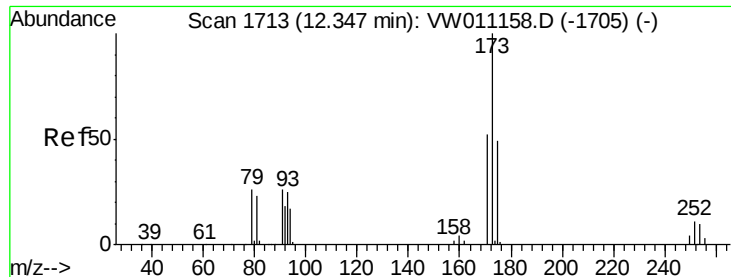
Tgt Ion:106 Resp: 92380
Ion Ratio Lower Upper
106 100
91 219.4 110.7 332.1



#70
Styrene
Concen: 21.298 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:104 Resp: 158315
Ion Ratio Lower Upper
104 100
78 54.4 43.1 64.7
103 55.3 44.1 66.1

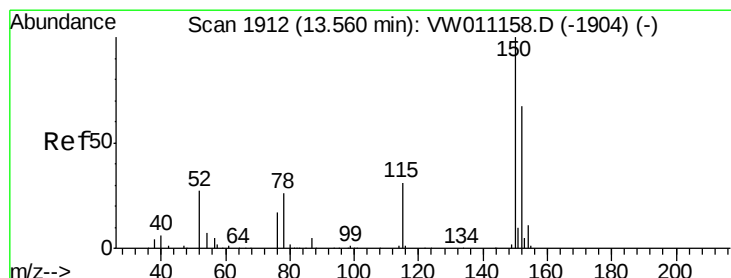
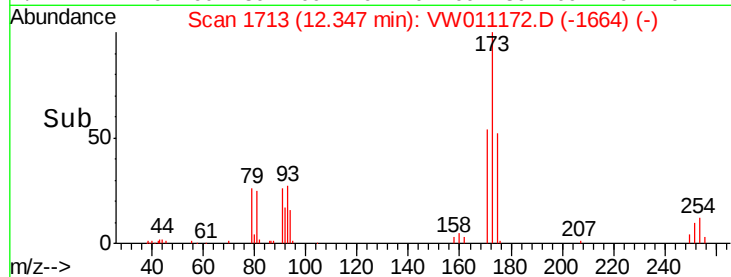
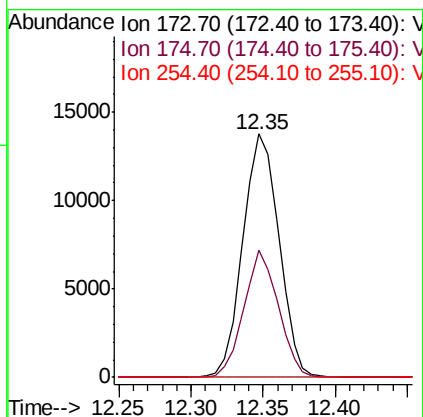
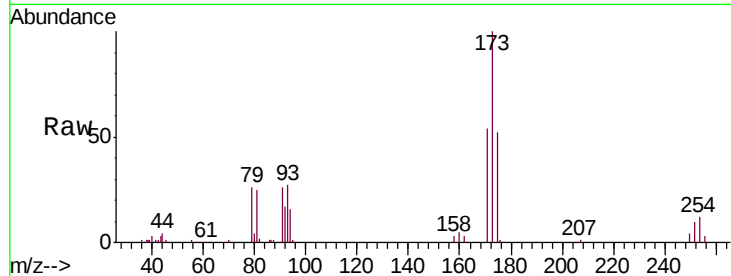




#71
Bromoform
Concen: 19.342 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

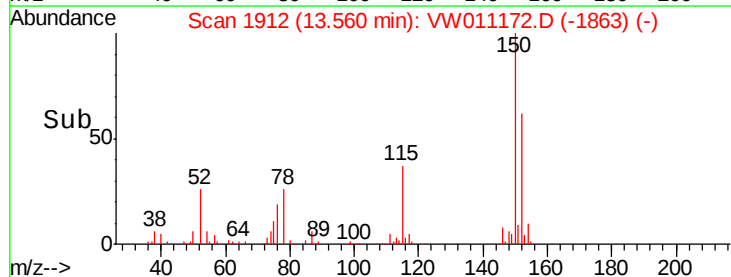
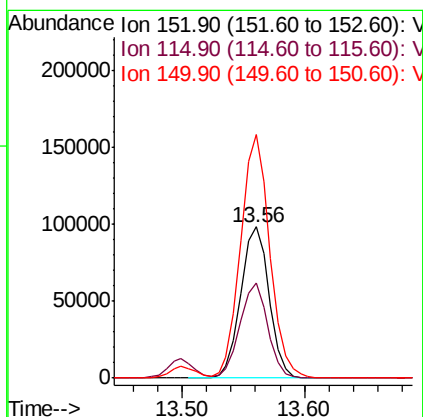
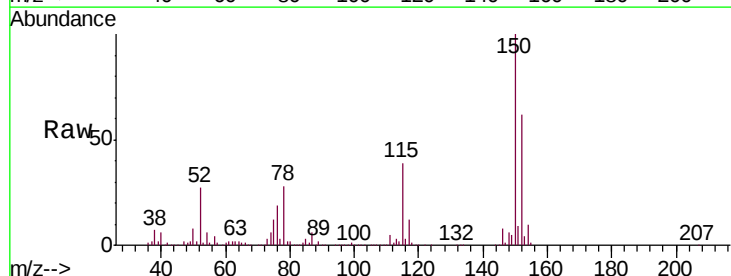
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

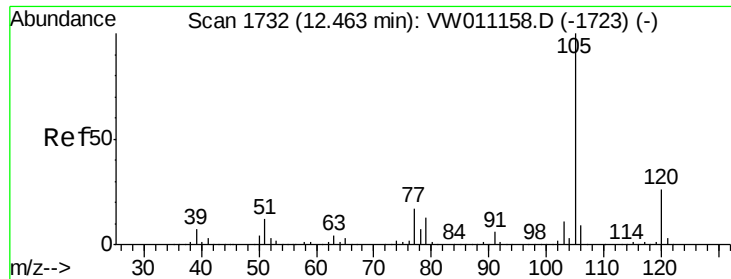
Tgt Ion:173 Resp: 23887
Ion Ratio Lower Upper
173 100
175 49.6 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:152 Resp: 158209
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.3
150 165.0 0.0 346.0





#73

Isopropylbenzene

Concen: 21.662 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

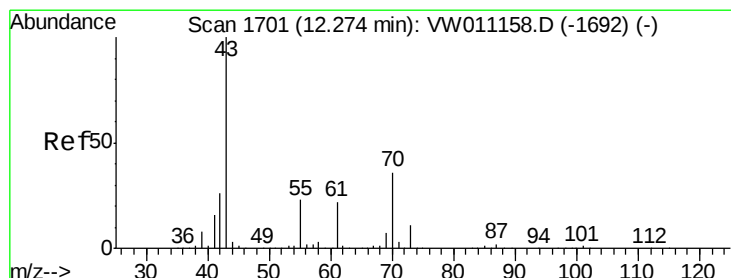
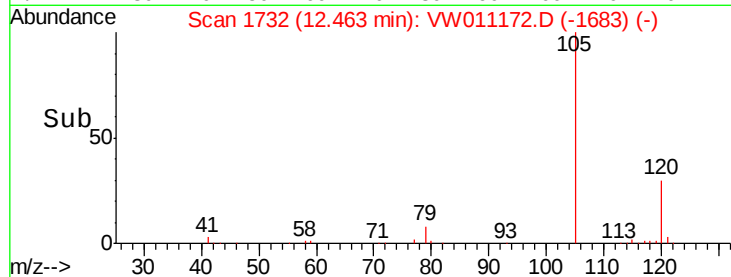
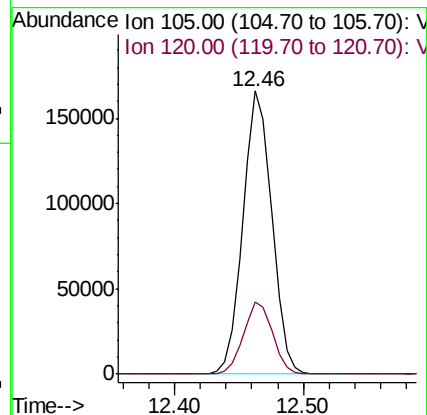
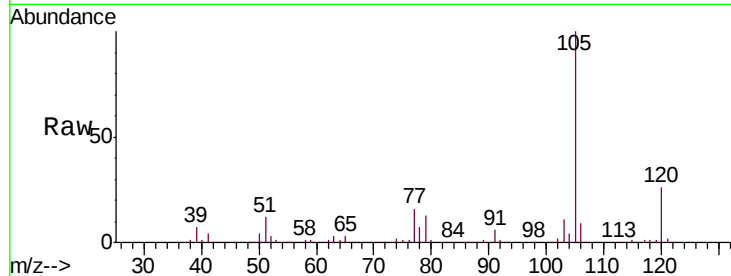
VW0709SBS01

Tgt Ion:105 Resp: 256196

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 20.399 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Tgt Ion: 43 Resp: 84022

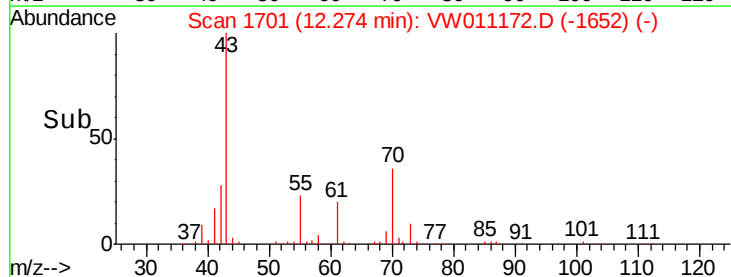
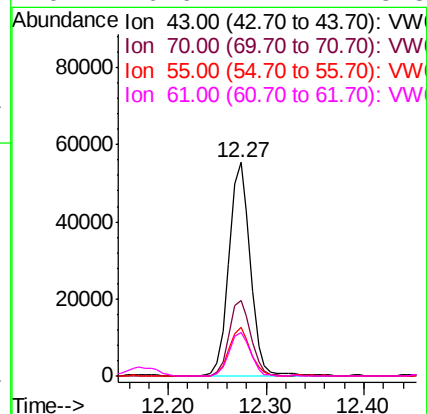
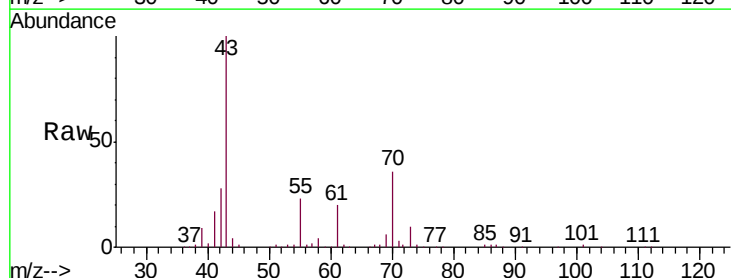
Ion Ratio Lower Upper

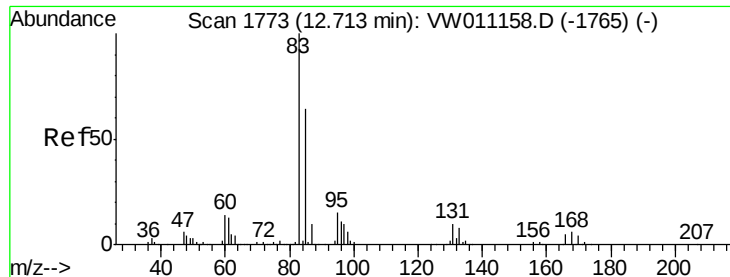
43 100

70 36.1 28.5 42.7

55 22.8 18.1 27.1

61 20.6 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.430 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

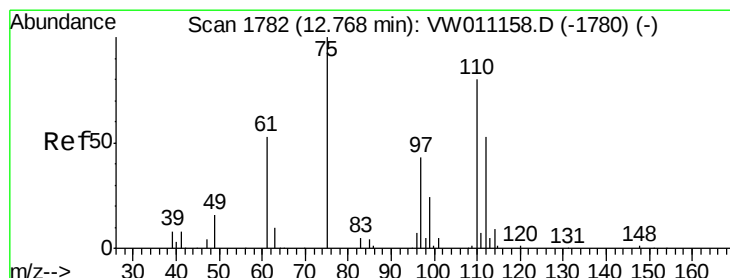
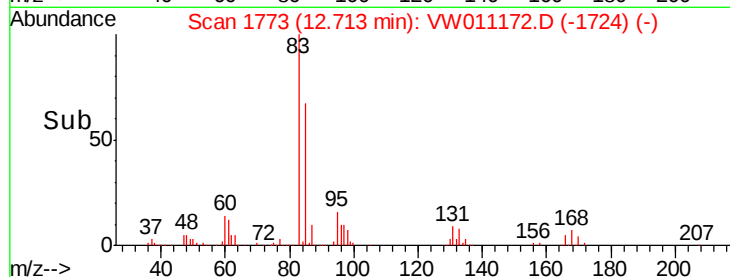
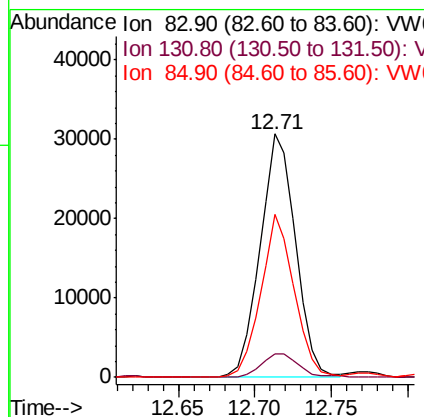
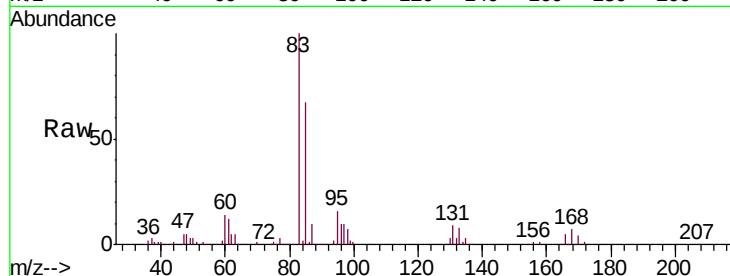
Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

Tgt Ion:	83	Resp:	49528
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	63.0	31.6	94.8



#76

1,2,3-Trichloropropane

Concen: 35.142 ug/l

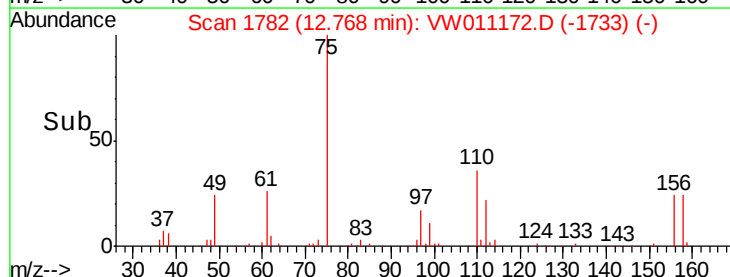
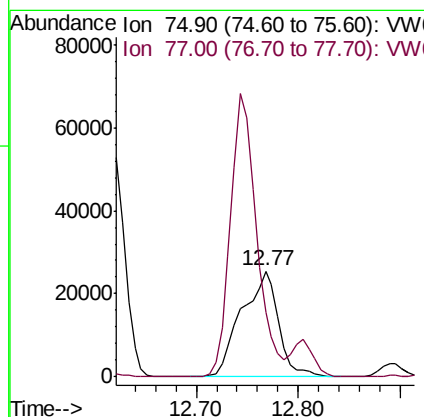
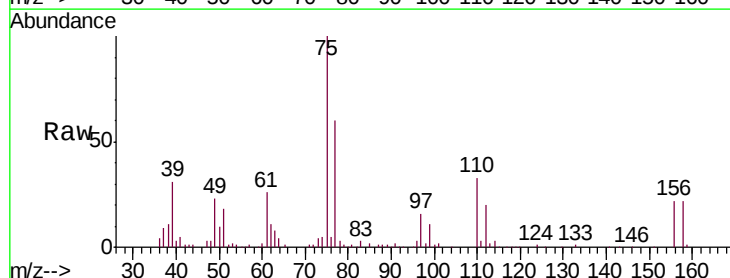
RT: 12.77 min Scan# 1782

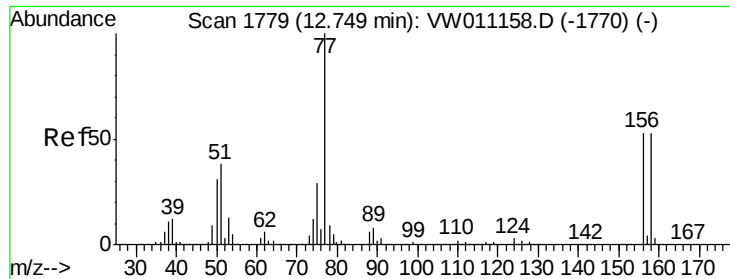
Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Tgt Ion:	75	Resp:	64251
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.637 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

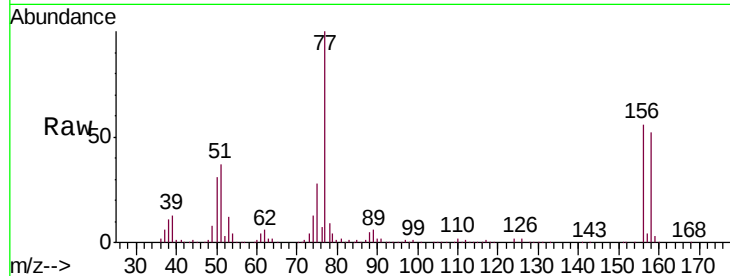
Tgt Ion:156 Resp: 57427

Ion Ratio Lower Upper

156 100

77 211.4 109.0 327.0

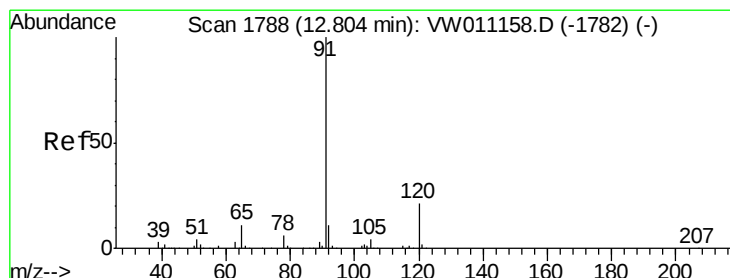
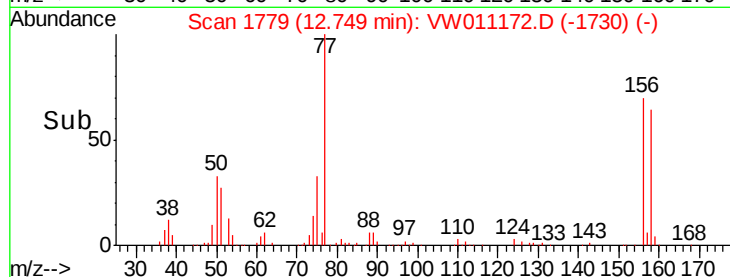
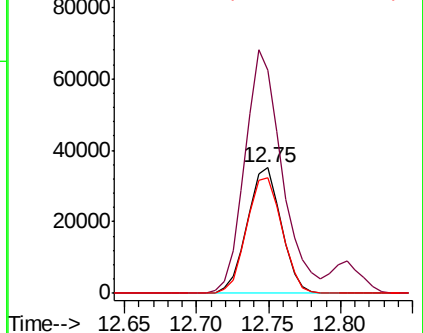
158 95.0 48.8 146.3



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: 21.949 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011172.D

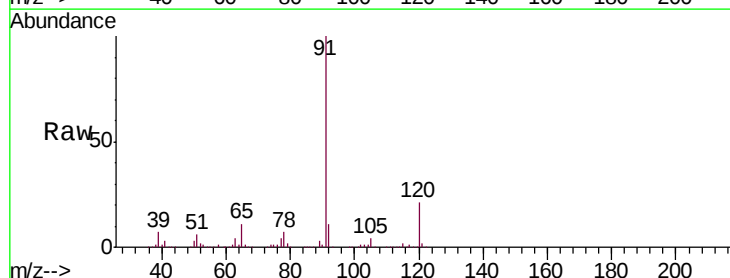
Acq: 09 Jul 2019 12:05

Tgt Ion: 91 Resp: 319769

Ion Ratio Lower Upper

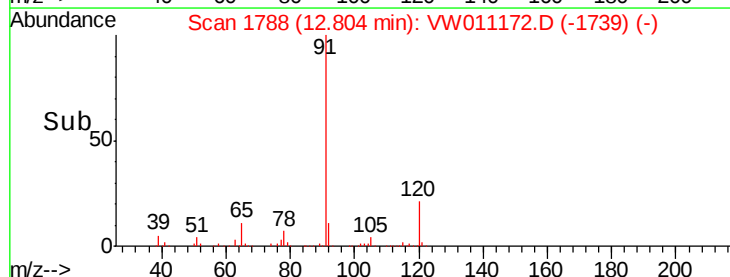
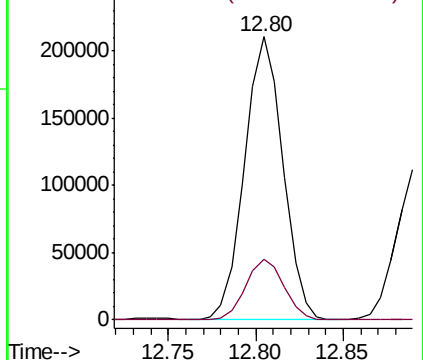
91 100

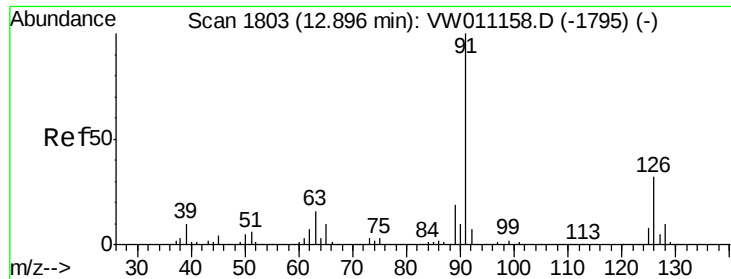
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

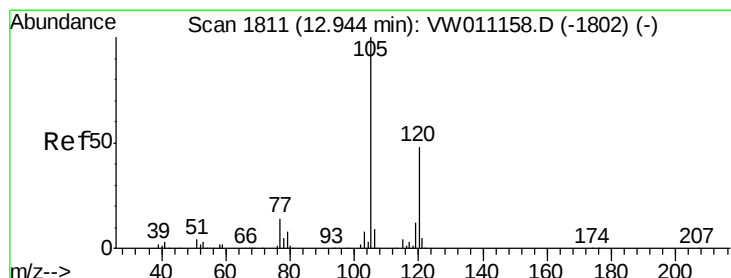
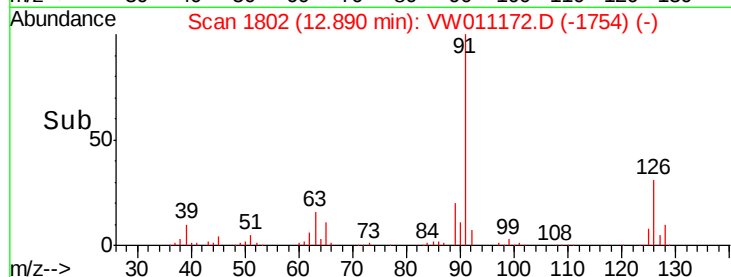
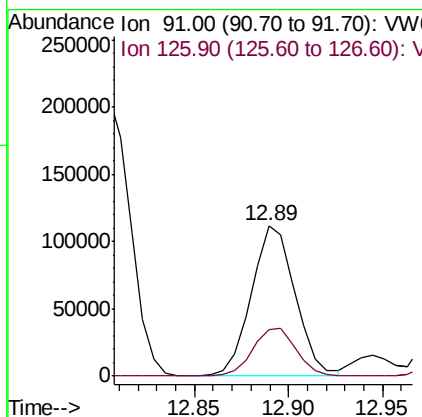
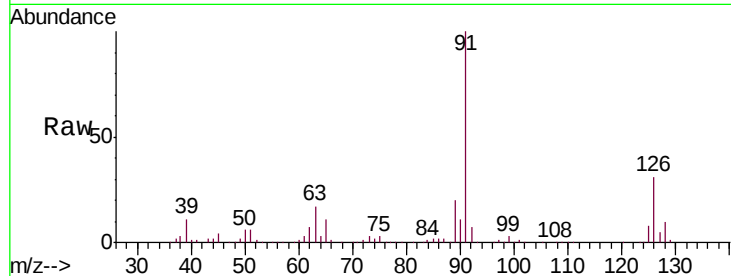




#79
 2-Chlorotoluene
 Concen: 21.516 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

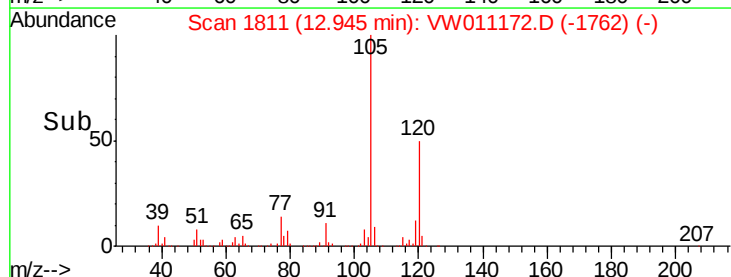
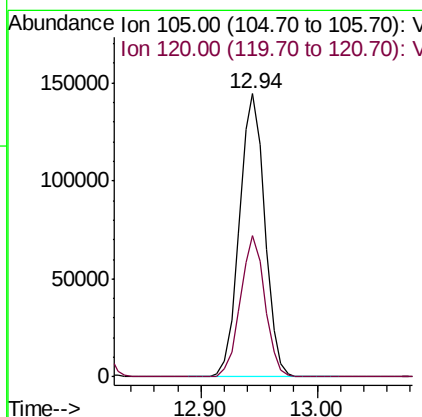
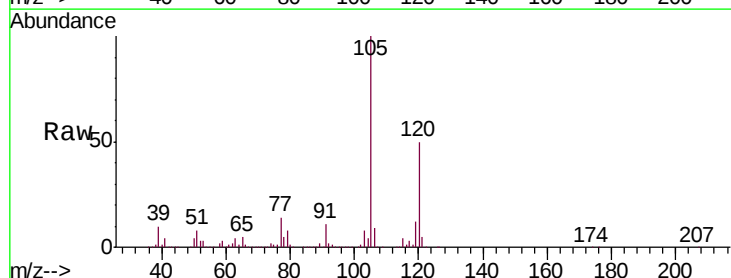
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

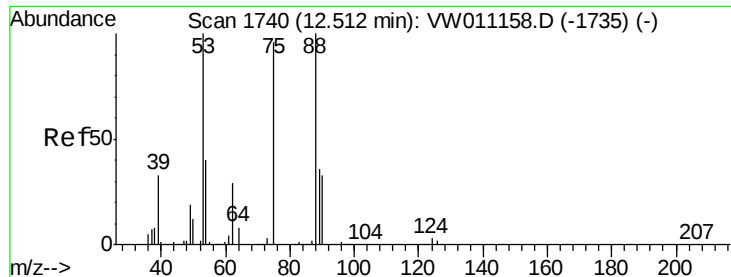
Tgt Ion: 91 Resp: 180385
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.848 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion: 105 Resp: 219513
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2

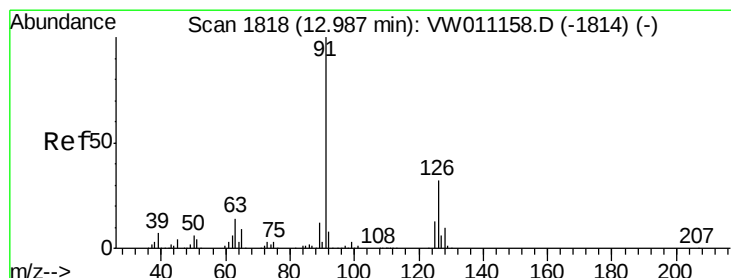
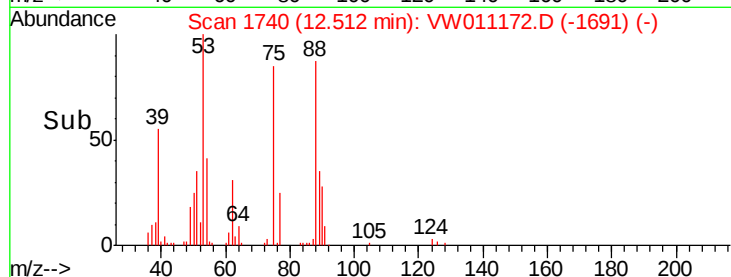
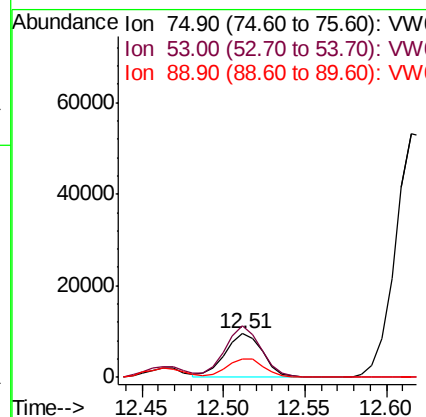
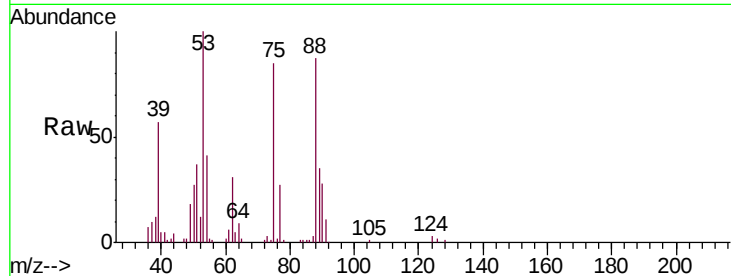




#81
trans-1,4-Dichloro-2-butene
Concen: 19.134 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

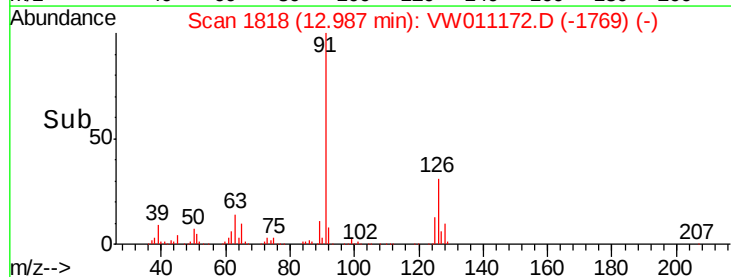
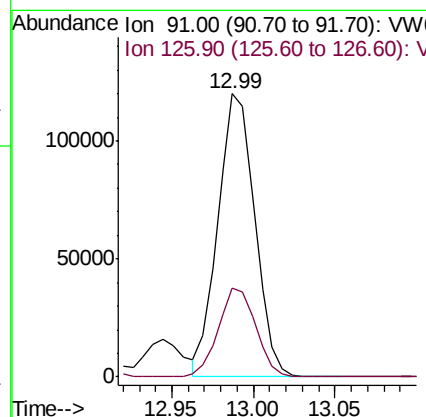
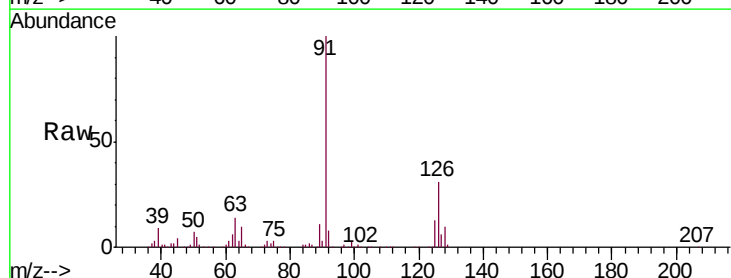
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

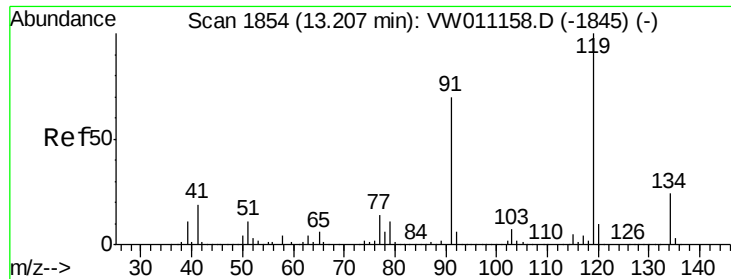
Tgt Ion: 75 Resp: 15467
Ion Ratio Lower Upper
75 100
53 113.4 89.8 134.6
89 41.3 34.3 51.5



#82
4-Chlorotoluene
Concen: 21.684 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion: 91 Resp: 189346
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1

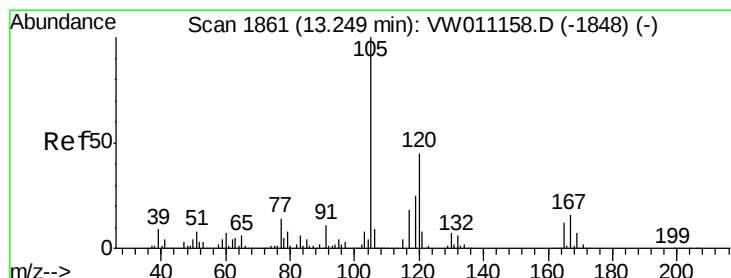
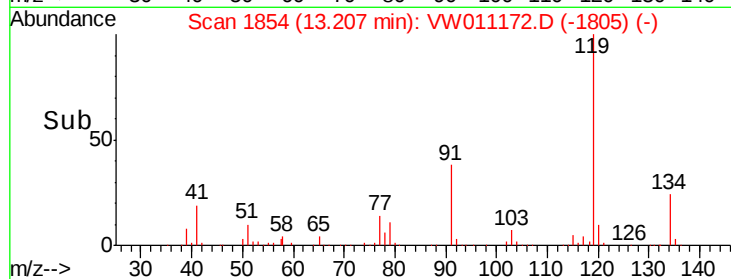
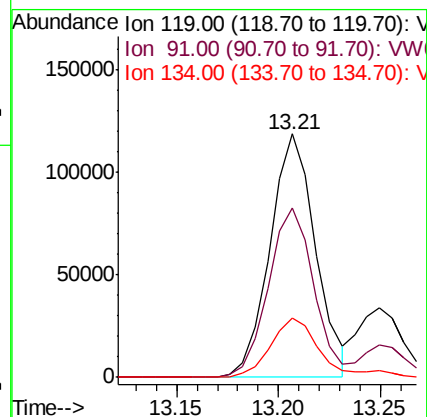
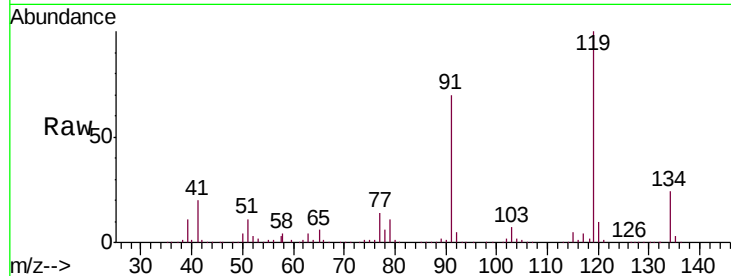




#83
tert-Butylbenzene
Concen: 22.030 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

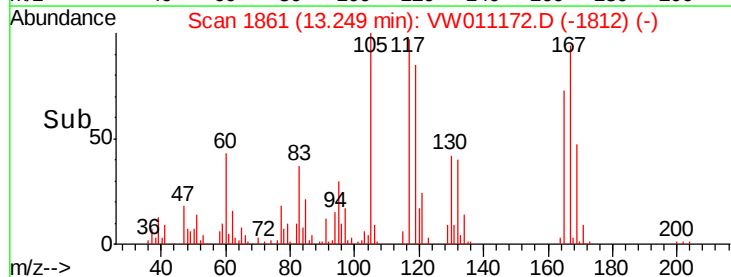
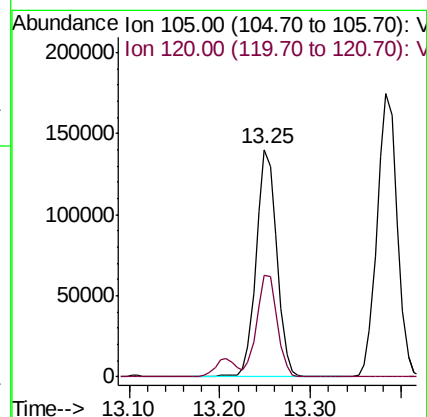
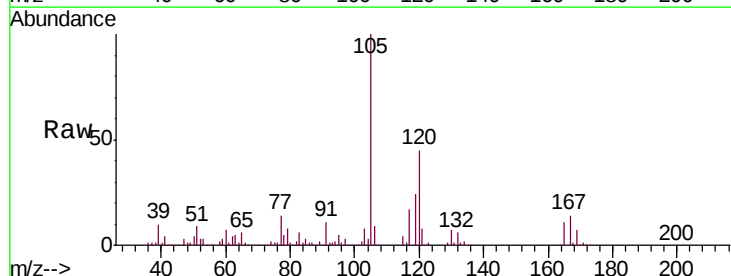
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

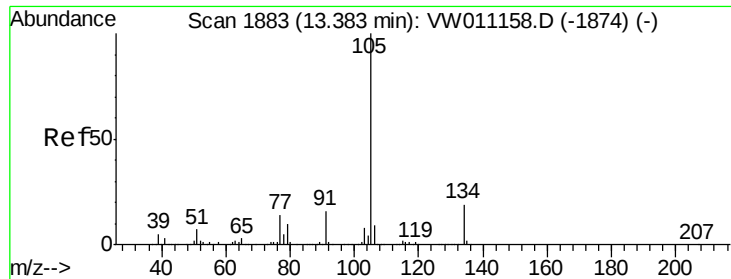
Tgt Ion:119 Resp: 184602
Ion Ratio Lower Upper
119 100
91 69.2 35.4 106.3
134 26.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 21.832 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:105 Resp: 220261
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.9

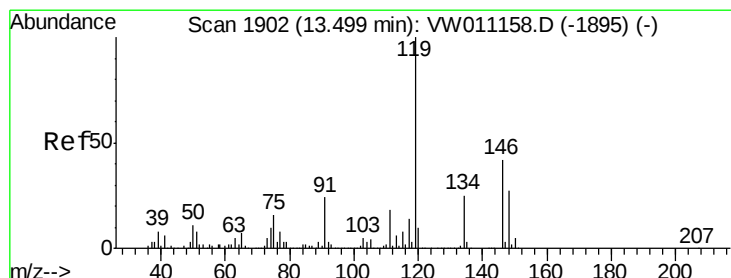
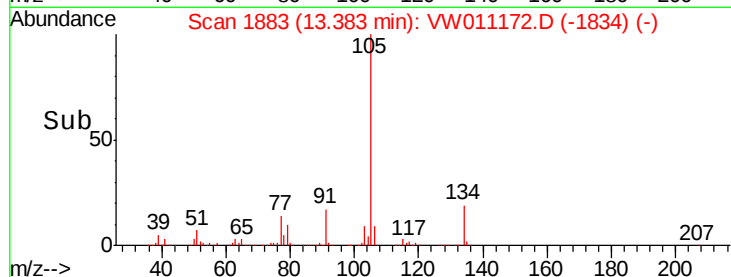
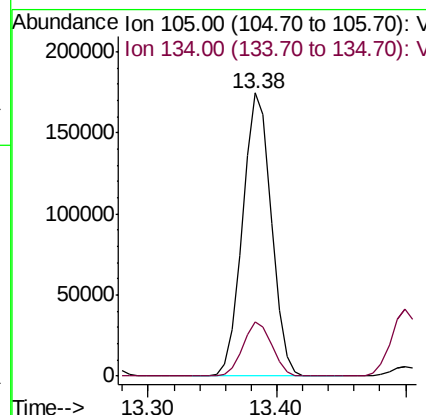
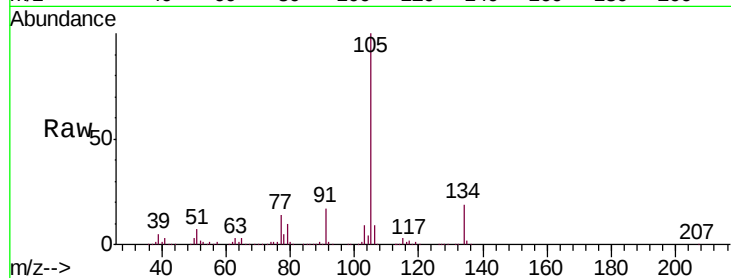




#85
 sec-Butylbenzene
 Concen: 22.241 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

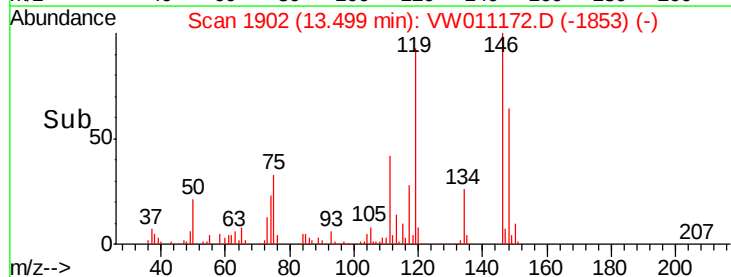
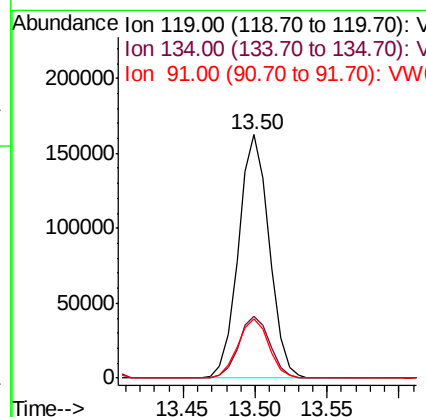
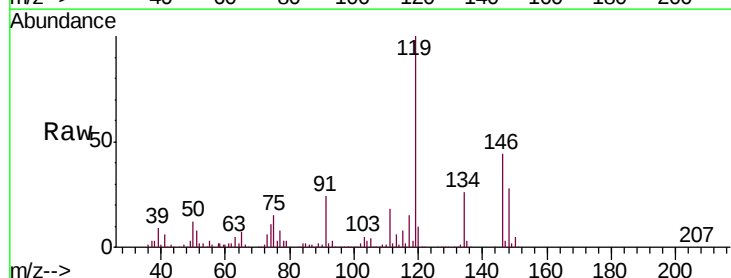
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

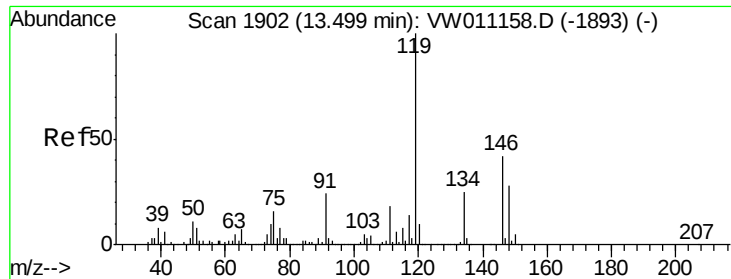
Tgt Ion:105 Resp: 268917
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 22.194 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion:119 Resp: 240684
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.5 12.3 36.8

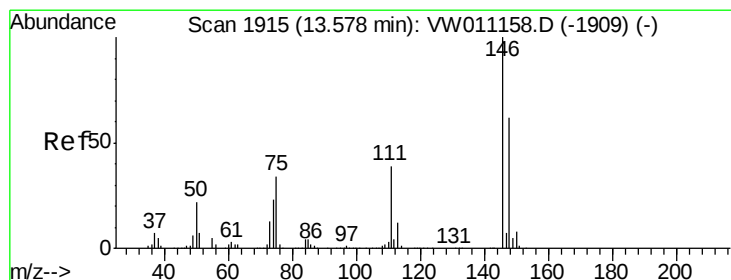
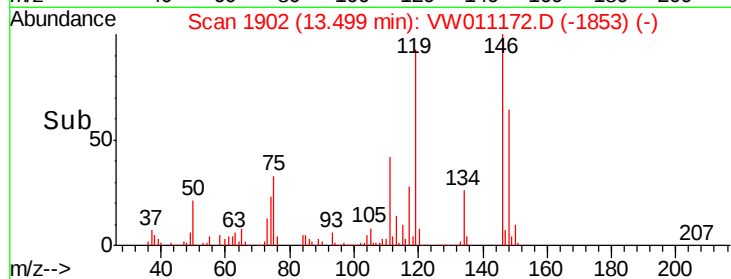
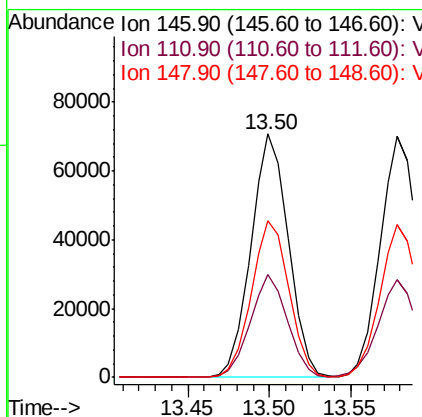
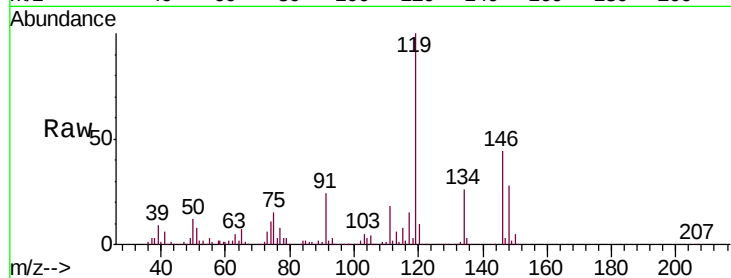




#87
 1,3-Dichlorobenzene
 Concen: 22.018 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

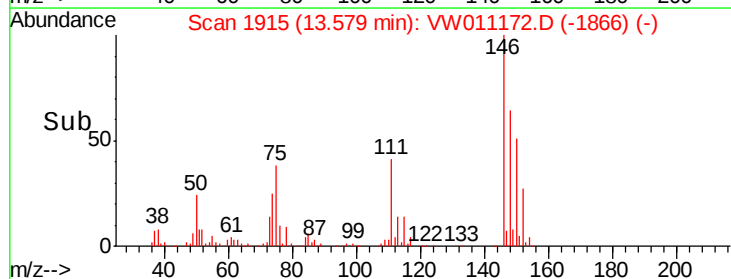
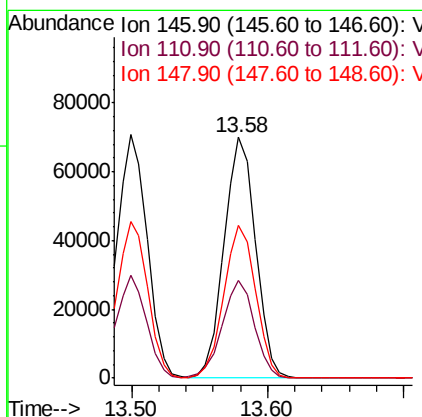
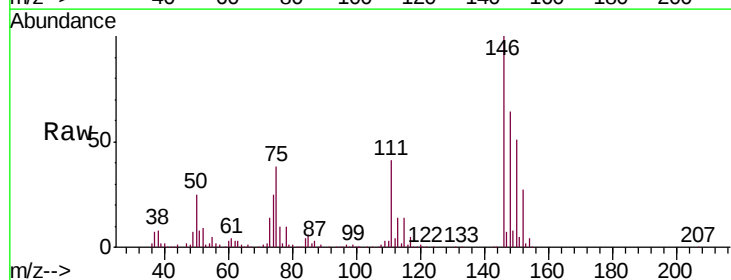
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

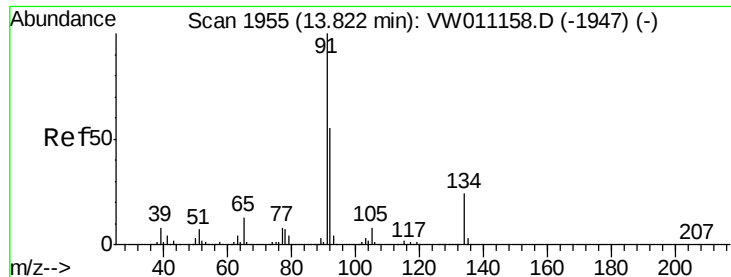
Tgt Ion:146 Resp: 112438
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 64.5 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 21.898 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion:146 Resp: 112605
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.9 59.7
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 22.646 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

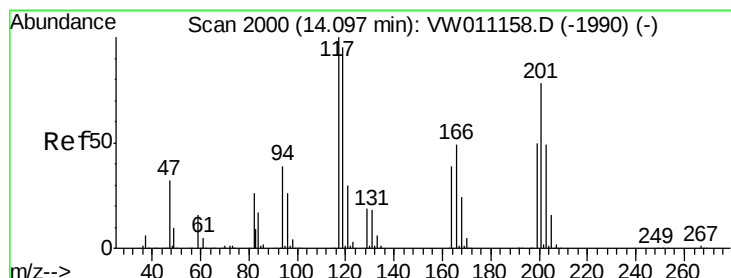
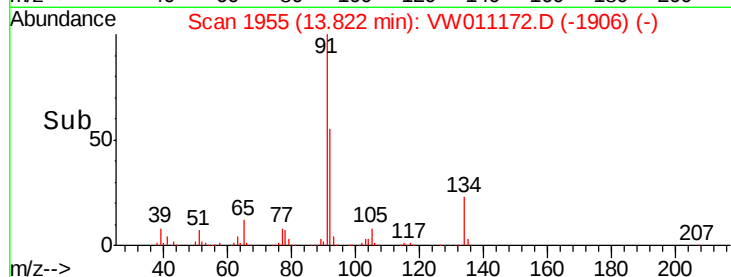
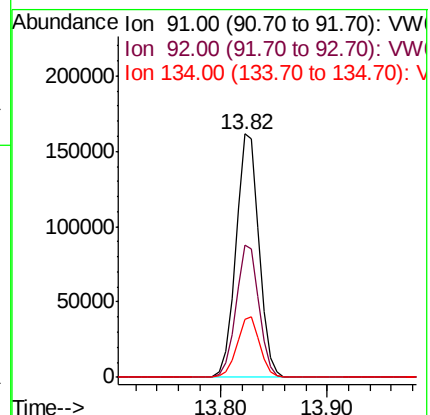
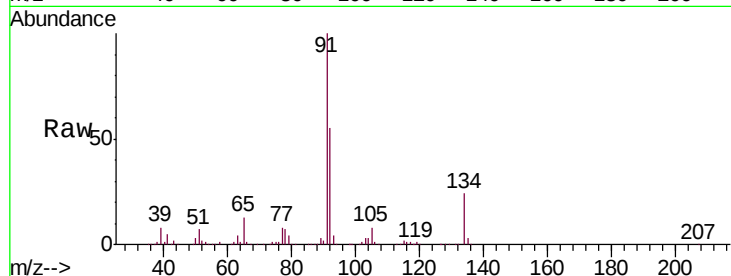
Tgt Ion: 91 Resp: 244998

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 21.384 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW011172.D

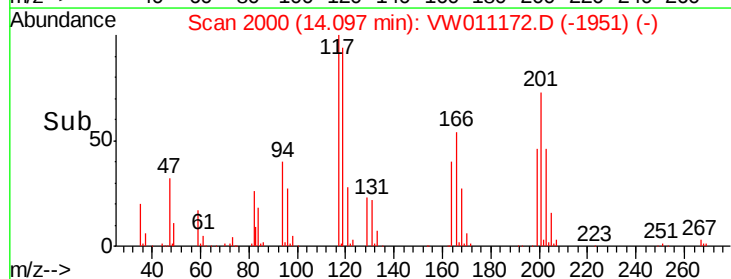
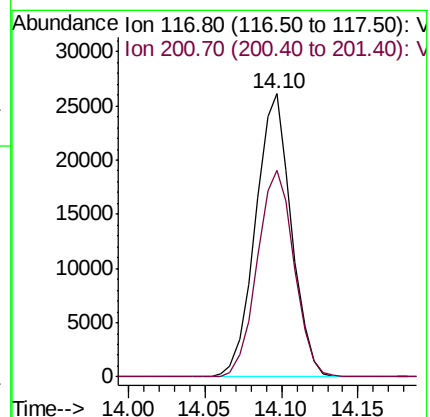
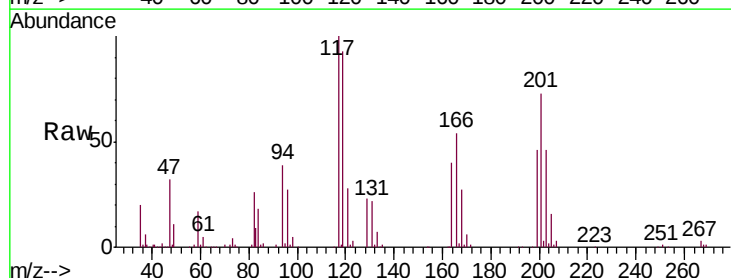
Acq: 09 Jul 2019 12:05

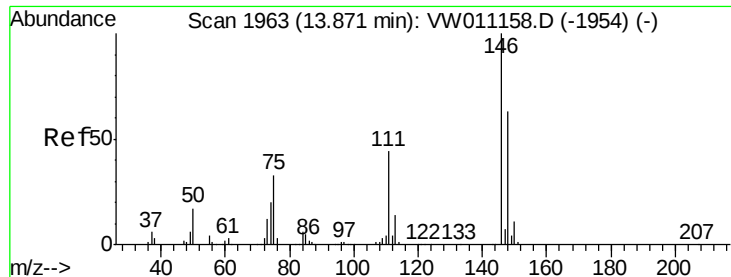
Tgt Ion: 117 Resp: 42378

Ion Ratio Lower Upper

117 100

201 75.5 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 21.741 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

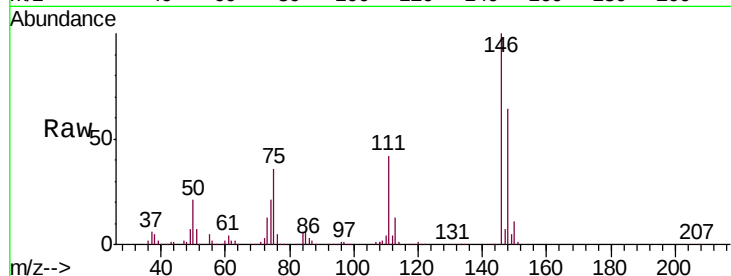
Tgt Ion:146 Resp: 100718

Ion Ratio Lower Upper

146 100

111 42.8 21.6 65.0

148 63.3 31.9 95.5

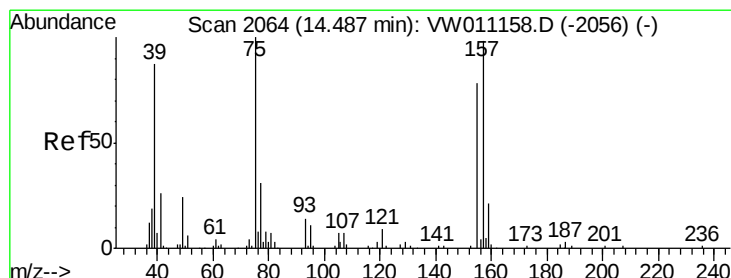
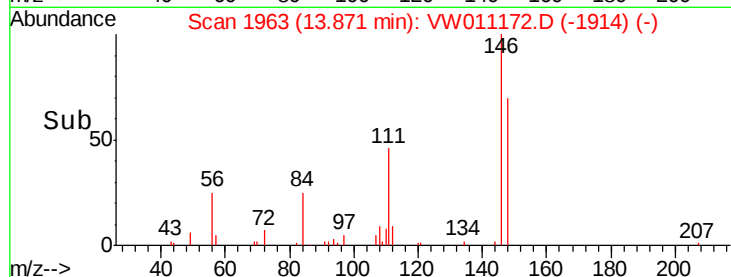
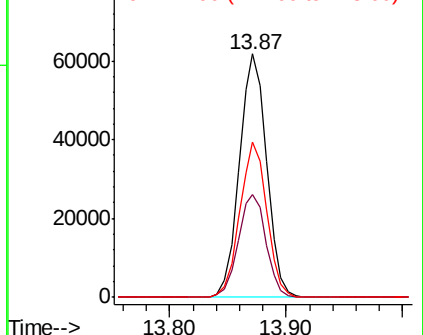


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.564 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW011172.D

Acq: 09 Jul 2019 12:05

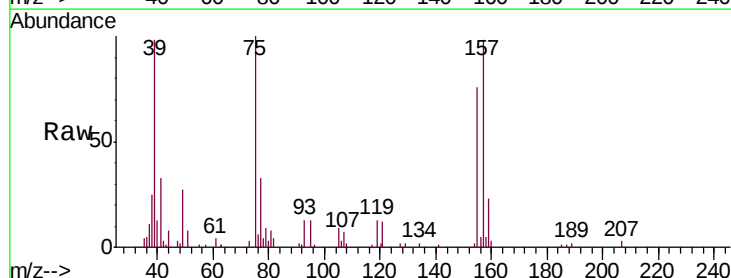
Tgt Ion: 75 Resp: 8413

Ion Ratio Lower Upper

75 100

155 70.1 37.1 111.3

157 93.7 48.5 145.6

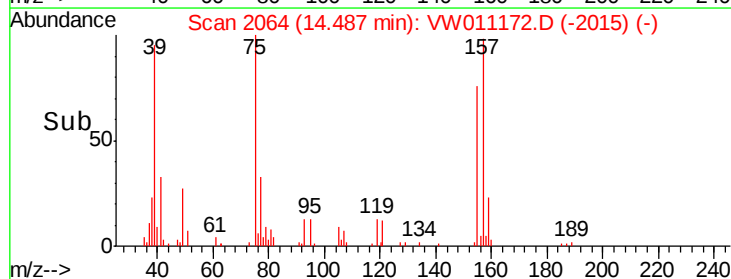
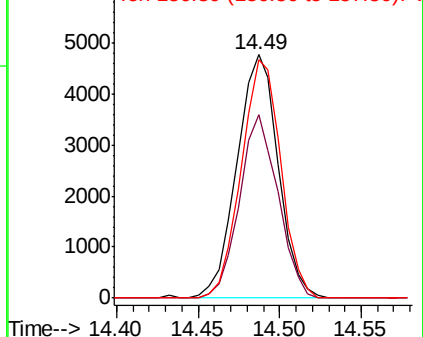


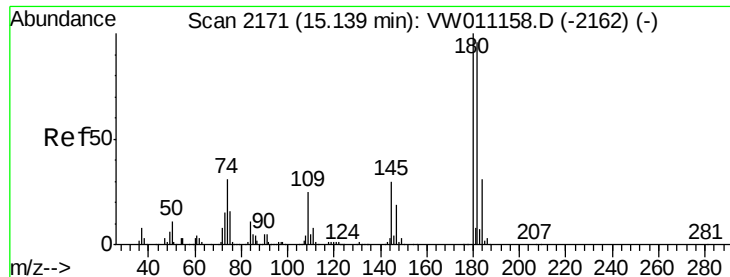
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

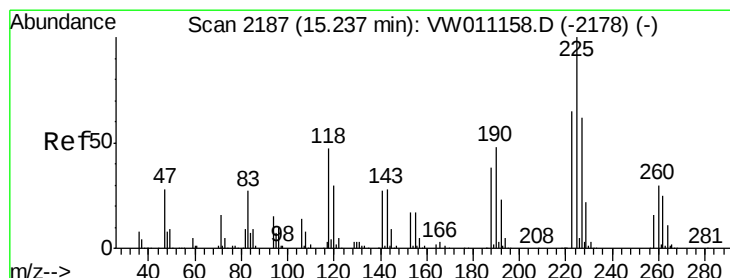
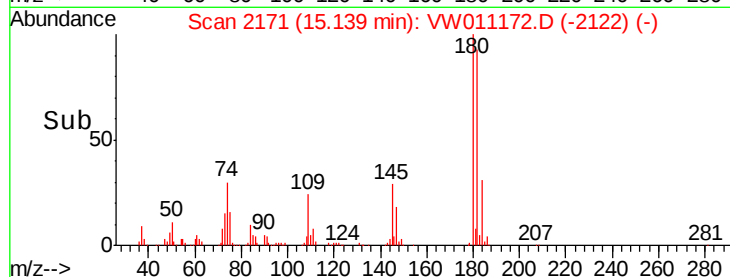
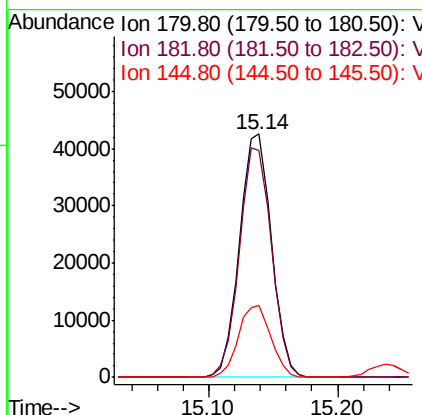
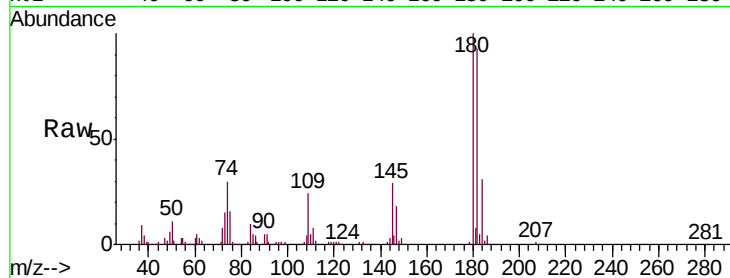




#93
 1,2,4-Trichlorobenzene
 Concen: 22.811 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

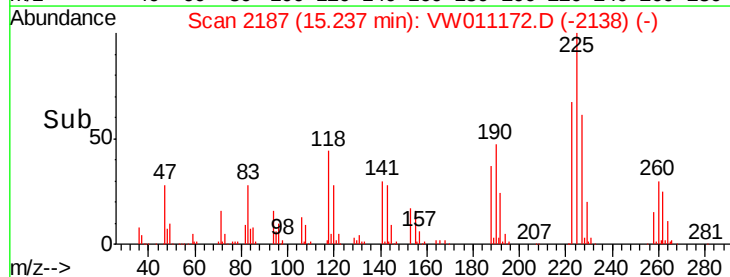
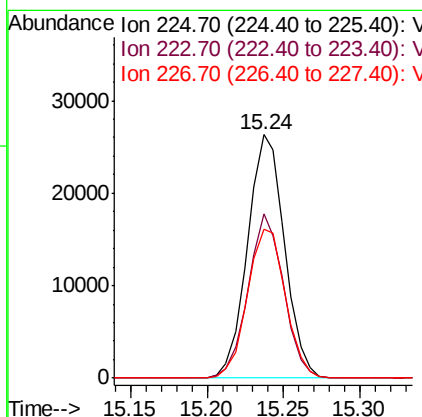
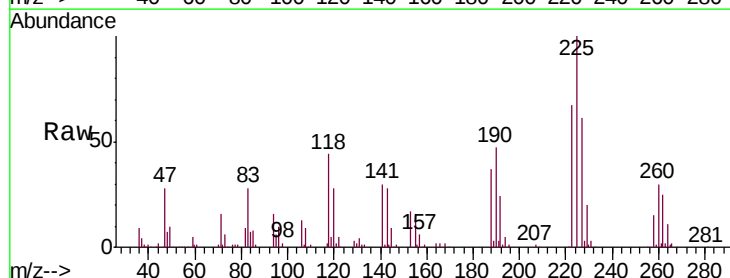
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

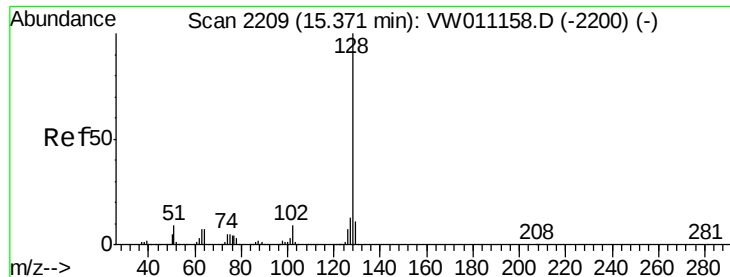
Tgt Ion:180 Resp: 72787
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.3 144.9
 145 30.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 22.560 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011172.D
 Acq: 09 Jul 2019 12:05

Tgt Ion:225 Resp: 44195
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.6 95.0
 227 63.0 32.0 96.0

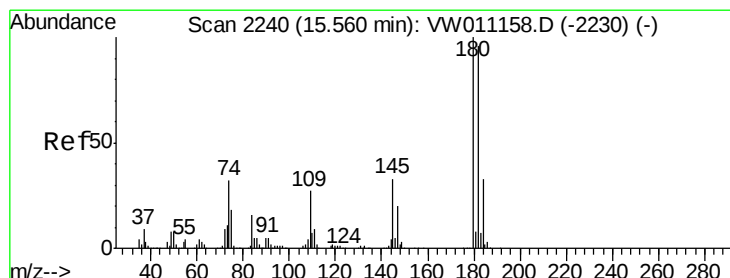
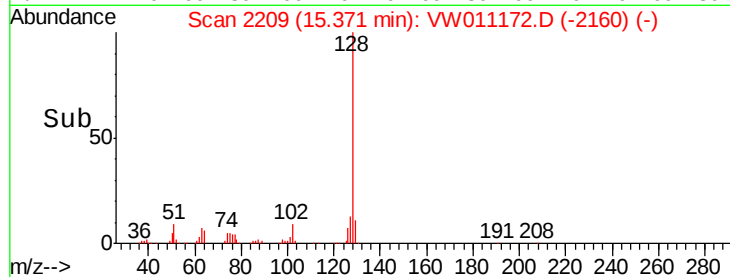
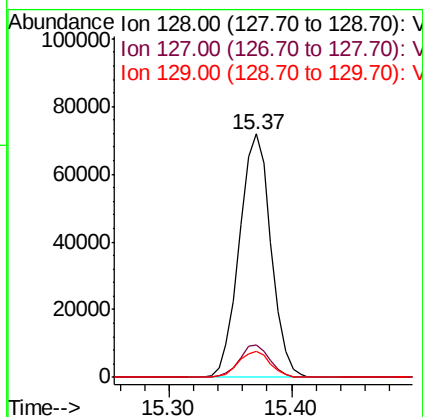
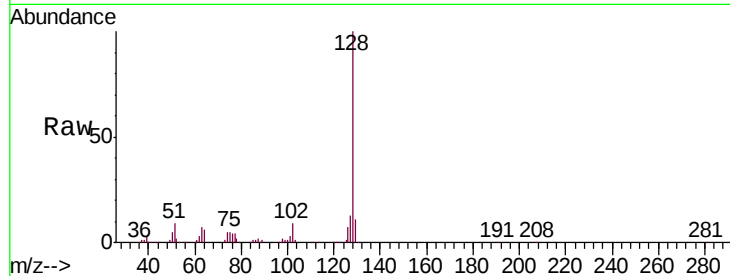




#95
Naphthalene
Concen: 21.057 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Tgt Ion:128 Resp: 128759
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.273 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011172.D
Acq: 09 Jul 2019 12:05

Tgt Ion:180 Resp: 62725
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 32.3 16.5 49.5

