

Data File : VW008772.D
Acq On : 21 Feb 2019 16:21
Operator : SY/VA
Sample : VW0221SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBS01

Quant Time: Feb 22 00:46:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	433260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	163688	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
35) Dibromofluoromethane	7.88	113	153431	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
50) Toluene-d8	10.32	98	568174	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	217505	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	65101	20.313	ug/l	98
3) Chloromethane	2.21	50	81530	20.898	ug/l	96
4) Vinyl Chloride	2.36	62	82676	20.016	ug/l	98
5) Bromomethane	2.75	94	60143	19.603	ug/l	97
6) Chloroethane	2.91	64	61160	20.852	ug/l	99
7) Trichlorofluoromethane	3.25	101	115220	22.055	ug/l	96
8) Diethyl Ether	3.69	74	34536	20.881	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70940	22.362	ug/l	99
10) Methyl Iodide	4.27	142	84515	21.304	ug/l	100
11) Tert butyl alcohol	5.17	59	28148	105.349	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	60926	21.746	ug/l	93
13) Acrolein	3.90	56	26905	107.694	ug/l	95
14) Allyl chloride	4.67	41	105420	21.801	ug/l	99
15) Acrylonitrile	5.38	53	76380	107.607	ug/l	98
16) Acetone	4.13	43	76215	109.559	ug/l	93
17) Carbon Disulfide	4.38	76	190740	20.519	ug/l #	94
18) Methyl Acetate	4.68	43	34486	20.900	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	165947	21.883	ug/l	97
20) Methylene Chloride	4.92	84	78692	19.886	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	72108	22.250	ug/l	88
22) Diisopropyl ether	6.31	45	210516	21.824	ug/l	98
23) Vinyl Acetate	6.26	43	665015	111.583	ug/l	99
24) 1,1-Dichloroethane	6.22	63	120199	21.504	ug/l	97
25) 2-Butanone	7.18	43	108429	111.487	ug/l	96
26) 2,2-Dichloropropane	7.17	77	110927	21.859	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	76657	22.112	ug/l	97
28) Bromochloromethane	7.51	49	48712	20.825	ug/l	97
29) Tetrahydrofuran	7.53	42	65760	106.100	ug/l	97
30) Chloroform	7.68	83	123142	21.475	ug/l	99
31) Cyclohexane	7.95	56	126773	22.406	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	115022	22.057	ug/l	100
36) 1,1-Dichloropropene	8.08	75	102587	22.521	ug/l	99
37) Ethyl Acetate	7.26	43	45542	21.499	ug/l	97
38) Carbon Tetrachloride	8.07	117	104130	21.676	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	121214	21.334	ug/l	97
40) Benzene	8.32	78	267900	21.540	ug/l	100
41) Methacrylonitrile	7.49	41	25825	20.741	ug/l	93
42) 1,2-Dichloroethane	8.40	62	84541	21.458	ug/l	99
43) Isopropyl Acetate	8.43	43	89962	21.279	ug/l	99
44) Trichloroethene	9.09	130	77344	22.075	ug/l	92
45) 1,2-Dichloropropane	9.37	63	65730	21.387	ug/l	98
46) Dibromomethane	9.46	93	36814	21.534	ug/l	98
47) Bromodichloromethane	9.65	83	90966	21.870	ug/l	96
48) Methyl methacrylate	9.43	41	40099	19.804	ug/l	96
49) 1,4-Dioxane	9.45	88	10431	381.016	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	221995	103.427	ug/l	99
52) Toluene	10.39	92	172993	20.495	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	91037	21.474	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	104961	21.708	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	51172	22.072	ug/l	97
56) Ethyl methacrylate	10.65	69	61079	20.278	ug/l	100
57) 1,3-Dichloropropane	10.93	76	88745	21.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	183086	120.855	ug/l	99
59) 2-Hexanone	10.97	43	154589	101.178	ug/l	99
60) Dibromochloromethane	11.13	129	59412	21.010	ug/l	98
61) 1,2-Dibromoethane	11.24	107	49007	21.355	ug/l	99
64) Tetrachloroethene	10.86	164	66613	21.479	ug/l	97
65) Chlorobenzene	11.66	112	194017	21.297	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	66578	21.614	ug/l	98
67) Ethyl Benzene	11.73	91	343528	21.094	ug/l	98
68) m/p-Xylenes	11.84	106	273663	42.056	ug/l	99
69) o-Xylene	12.16	106	127687	20.906	ug/l	99
70) Styrene	12.18	104	203013	20.661	ug/l	99
71) Bromoform	12.35	173	34745	20.984	ug/l #	100
73) Isopropylbenzene	12.47	105	351463	22.136	ug/l	100
74) N-amyl acetate	12.27	43	82069	20.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	56285	21.695	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	76618	40.067	ug/l #	100
77) Bromobenzene	12.75	156	81632	21.756	ug/l	98
78) n-propylbenzene	12.80	91	429129	22.095	ug/l	99
79) 2-Chlorotoluene	12.90	91	240476	21.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	304555	22.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15978	20.313	ug/l	96
82) 4-Chlorotoluene	12.99	91	249516	21.472	ug/l	100
83) tert-Butylbenzene	13.21	119	258022	21.627	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	304792	21.339	ug/l	99
85) sec-Butylbenzene	13.38	105	374345	21.821	ug/l	100
86) p-Isopropyltoluene	13.50	119	335537	21.335	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	166838	21.432	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167848	21.877	ug/l	100
89) n-Butylbenzene	13.83	91	317127	21.524	ug/l	99
90) Hexachloroethane	14.10	117	53412	20.746	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	148028	21.341	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9970	21.244	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

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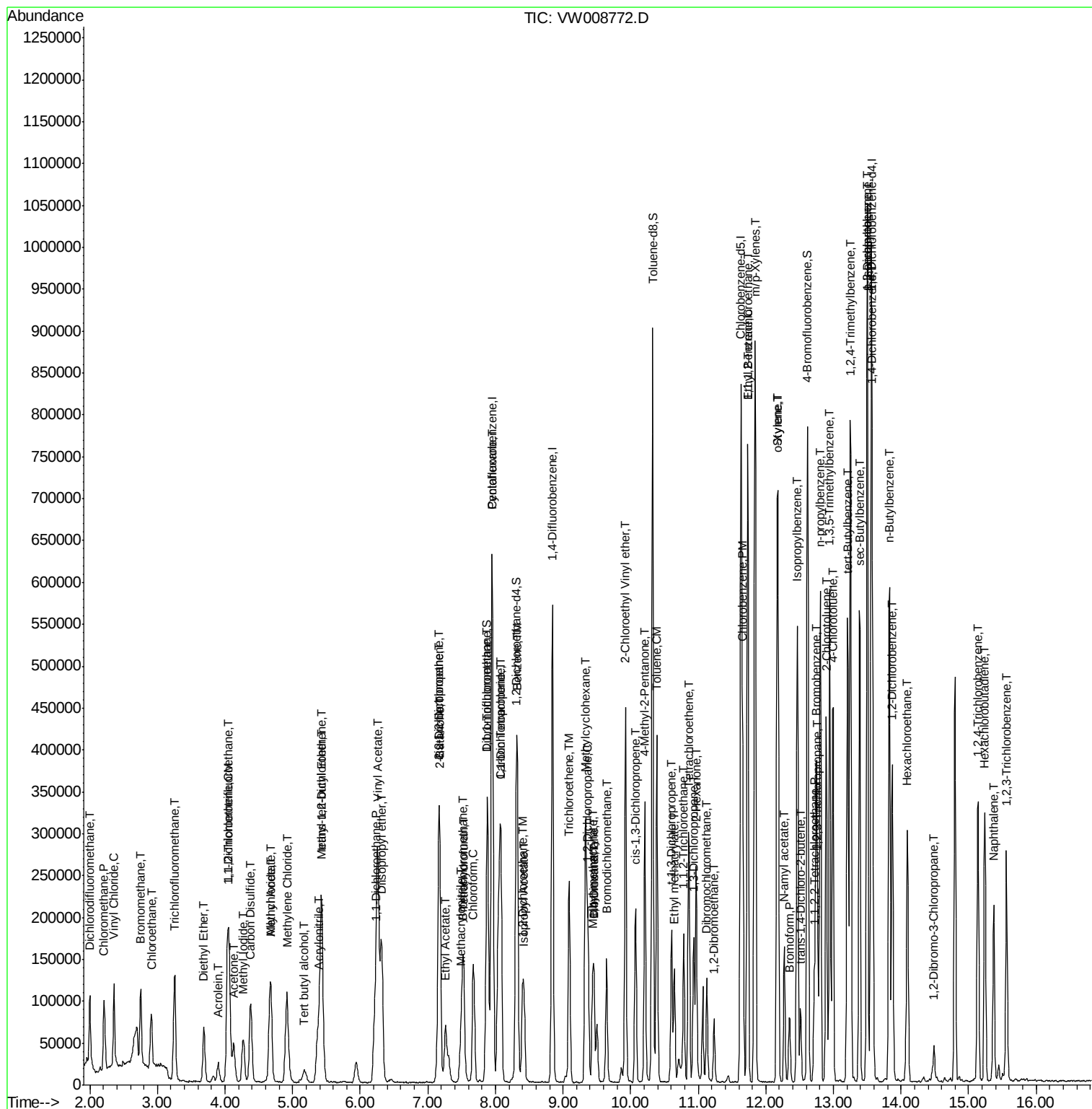
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105537	21.117	ug/l	98
94) Hexachlorobutadiene	15.24	225	60323	20.491	ug/l	96
95) Naphthalene	15.37	128	179772	21.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	91981	21.286	ug/l	99

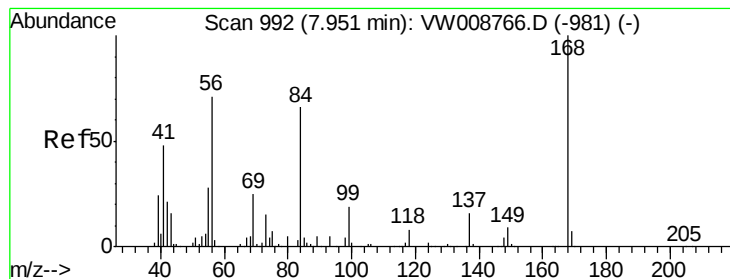
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

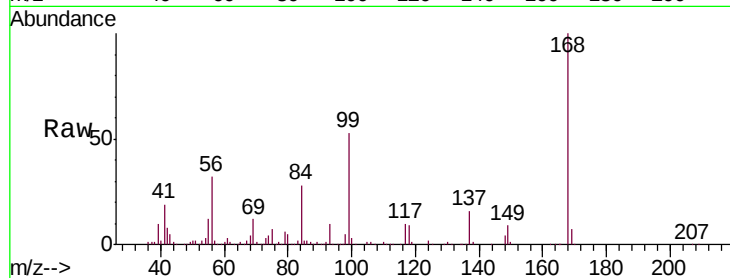
VW0221SBSD01

Tgt Ion:168 Resp: 319988

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

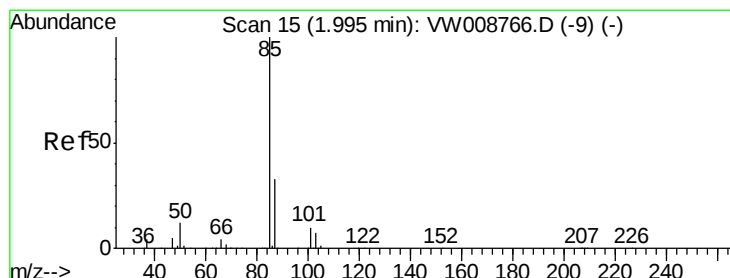
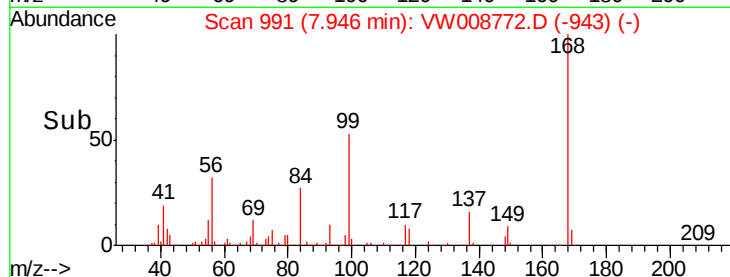
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.313 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008772.D

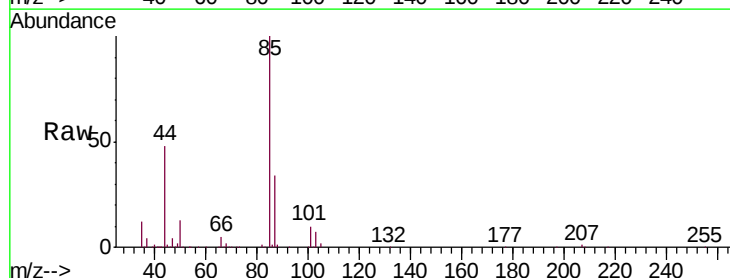
Acq: 21 Feb 2019 16:21

Tgt Ion: 85 Resp: 65101

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

30000

20000

10000

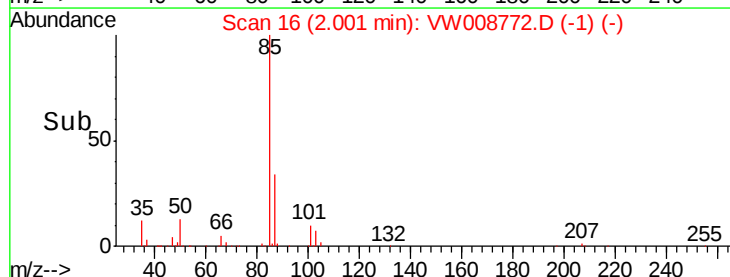
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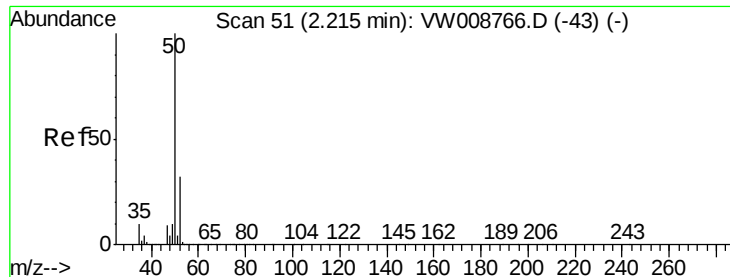
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 20.898 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

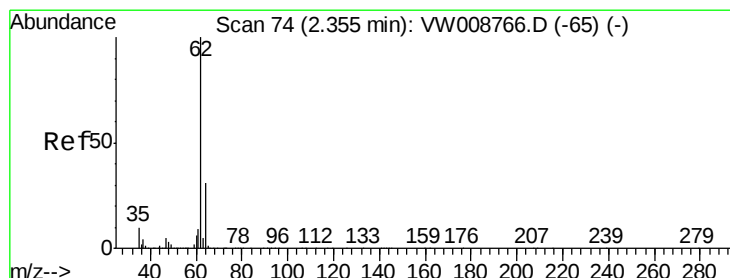
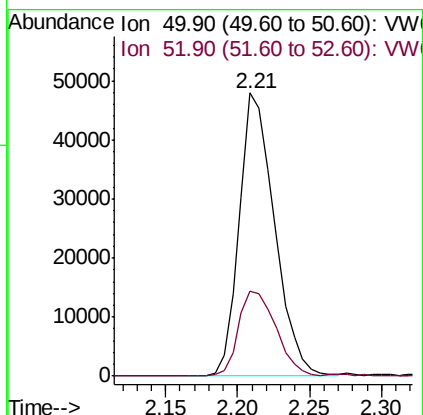
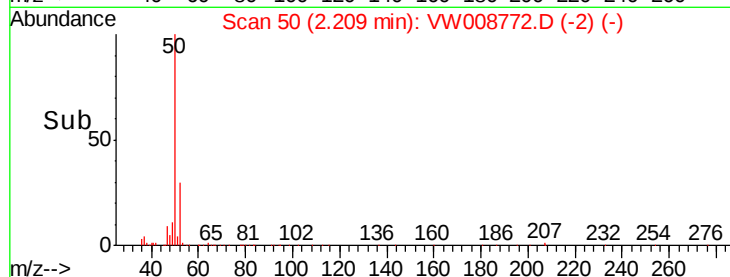
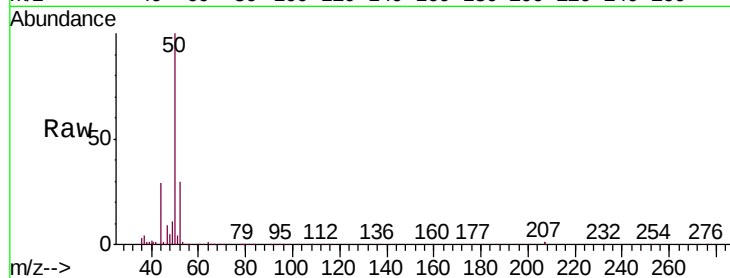
VW0221SBSD01

Tgt Ion: 50 Resp: 81530

Ion Ratio Lower Upper

50 100

52 30.1 25.9 38.9



#4

Vinyl Chloride

Concen: 20.016 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008772.D

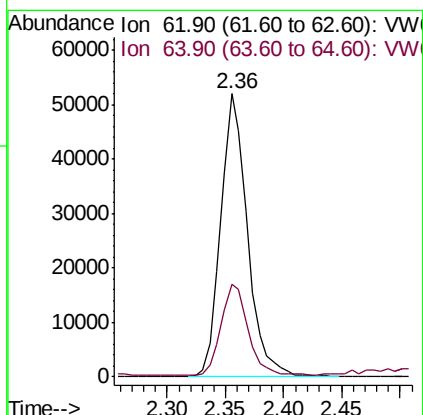
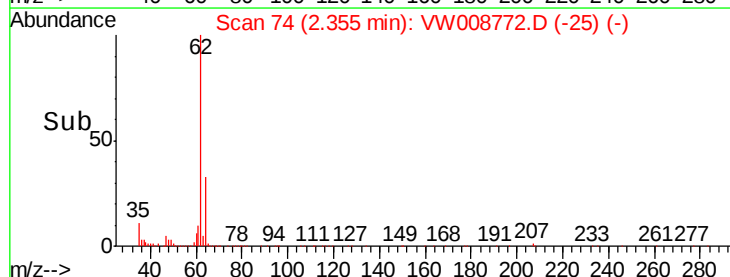
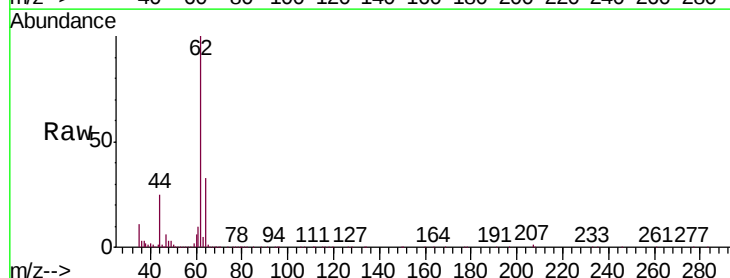
Acq: 21 Feb 2019 16:21

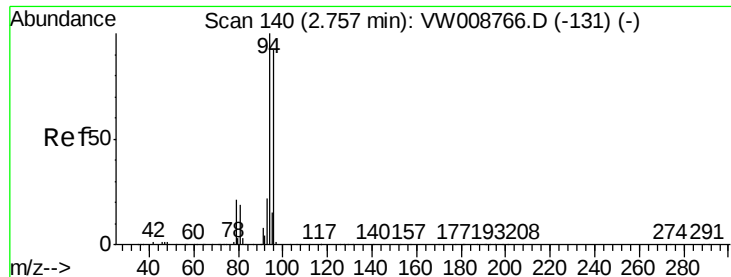
Tgt Ion: 62 Resp: 82676

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 19.603 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

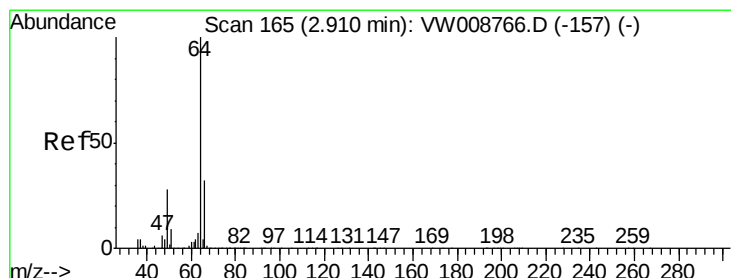
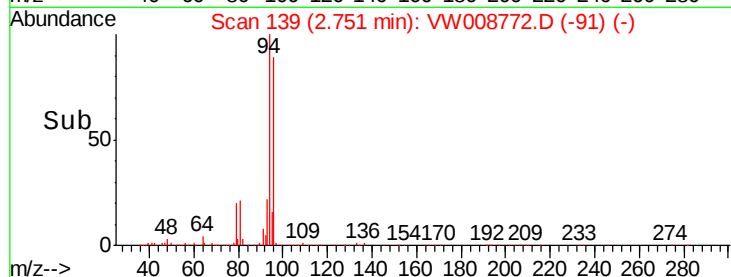
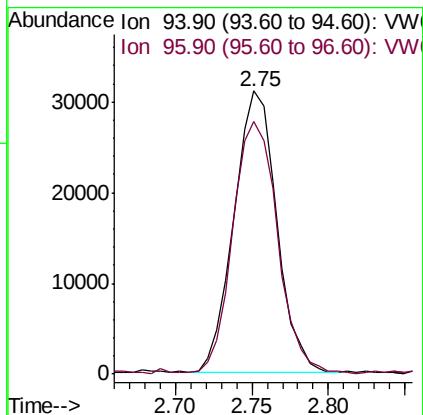
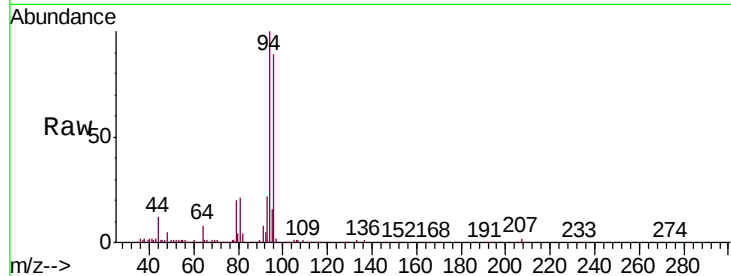
VW0221SBSD01

Tgt Ion: 94 Resp: 60143

Ion Ratio Lower Upper

94 100

96 89.2 73.4 110.2



#6

Chloroethane

Concen: 20.852 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008772.D

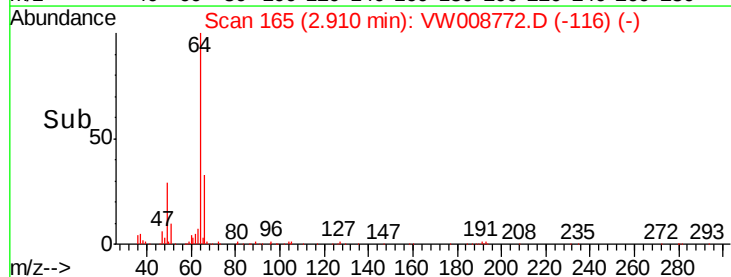
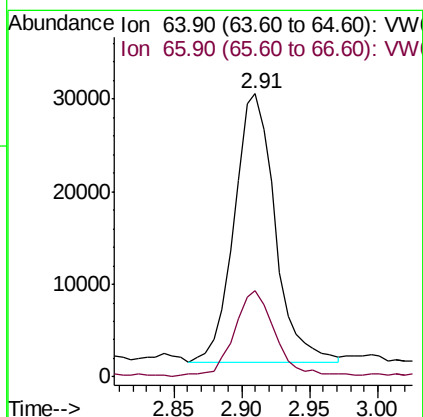
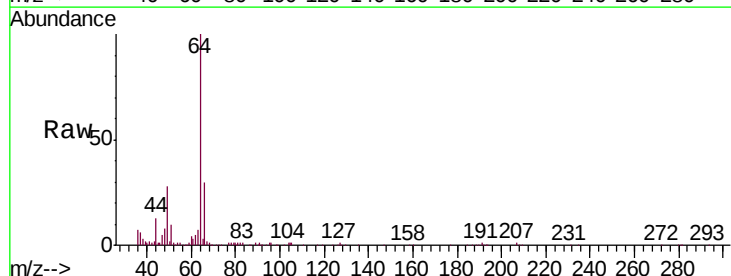
Acq: 21 Feb 2019 16:21

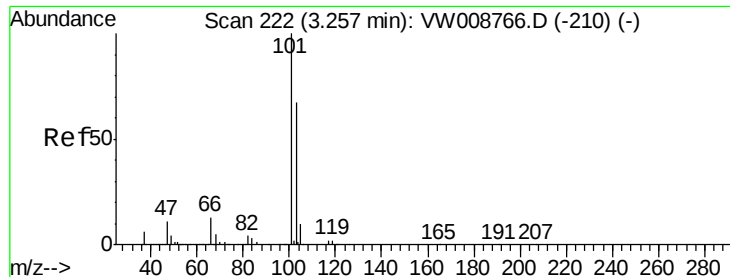
Tgt Ion: 64 Resp: 61160

Ion Ratio Lower Upper

64 100

66 31.1 25.5 38.3



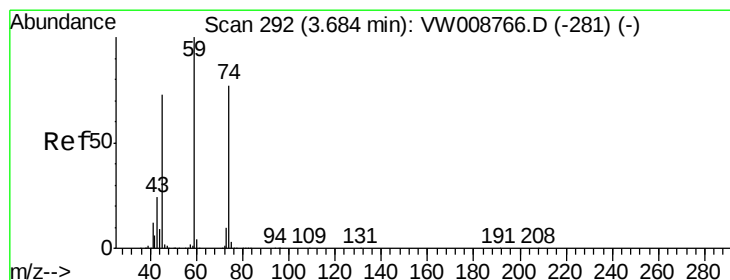
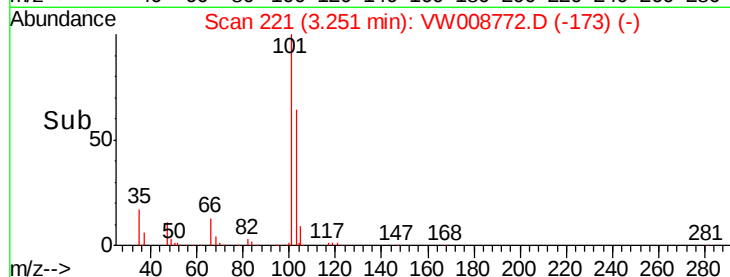
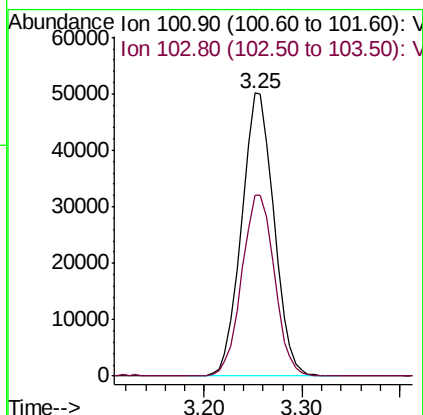
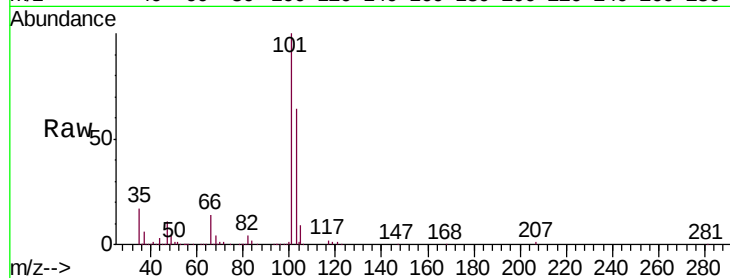


#7

Trichlorofluoromethane
 Concen: 22.055 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
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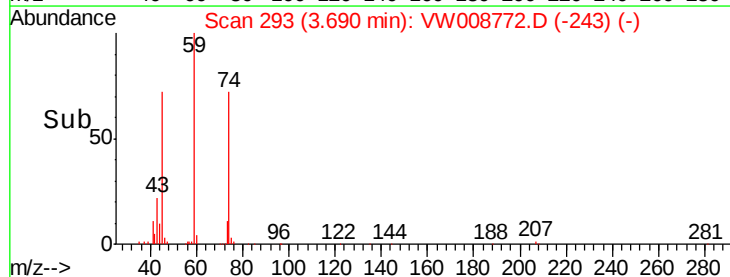
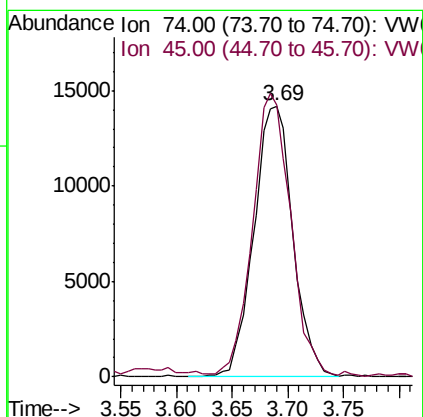
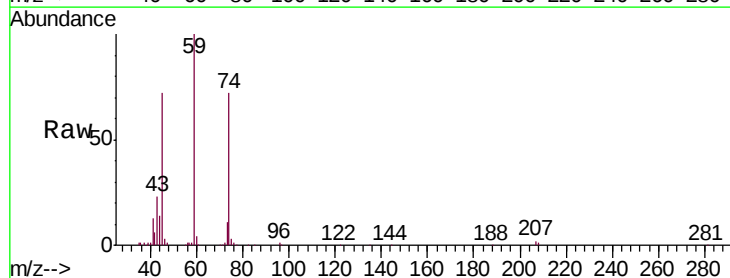
Tgt Ion: 101 Resp: 115220
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.9 80.9

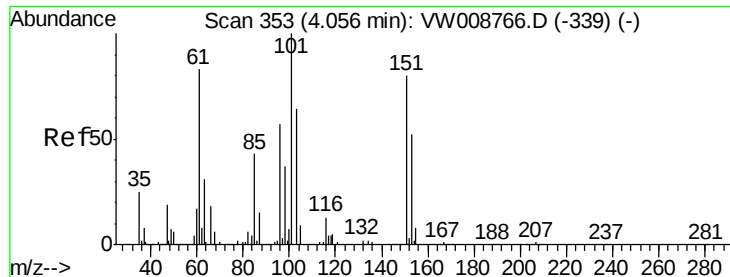


#8

Diethyl Ether
 Concen: 20.881 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 74 Resp: 34536
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.362 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008772.D

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Instrument :

MSVOA_W

ClientSampleId :

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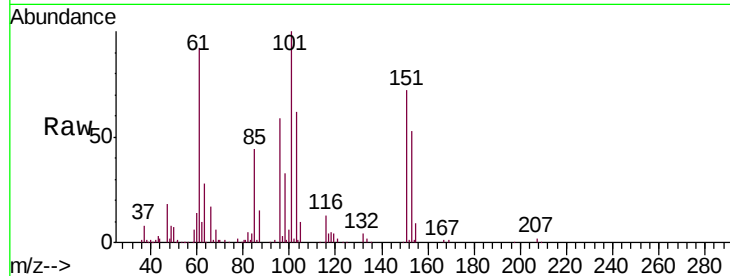
Tgt Ion:101 Resp: 70940

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

151 81.2 65.5 98.3

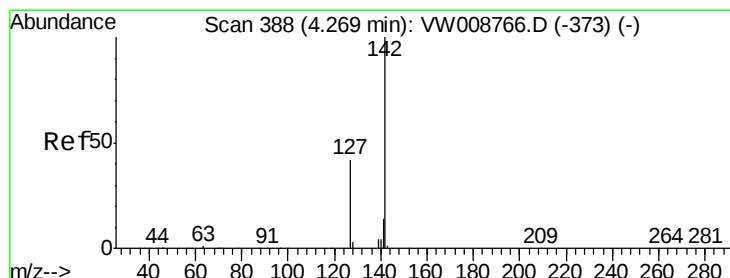
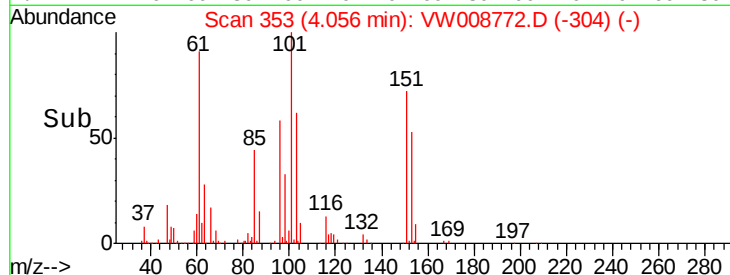
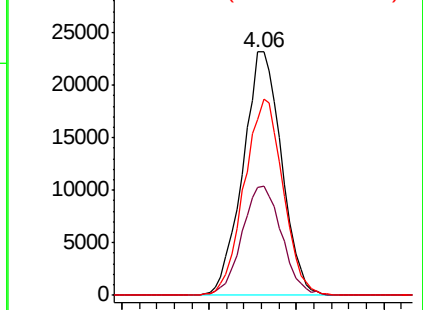


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.304 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

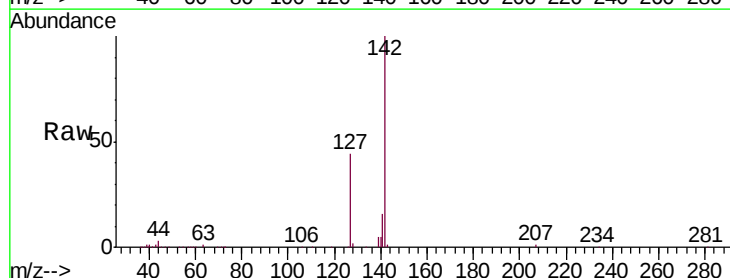
Tgt Ion:142 Resp: 84515

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

141 15.0 11.7 17.5

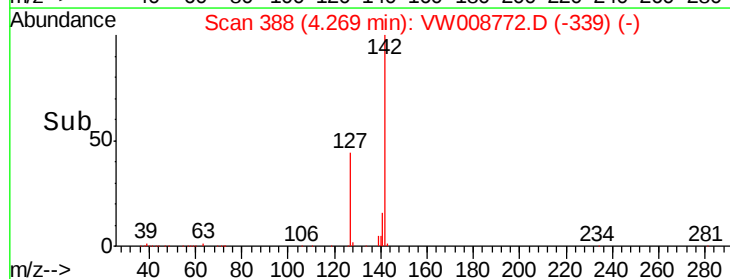
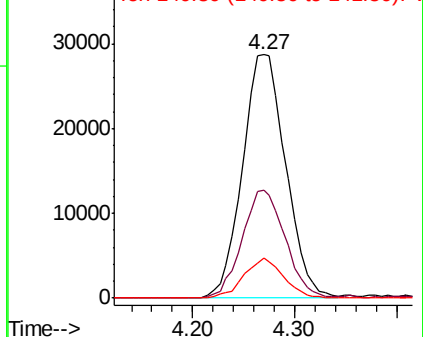


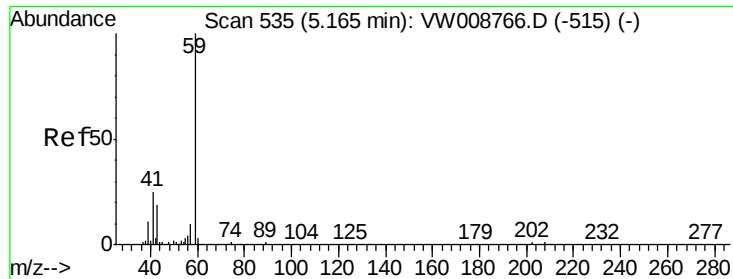
Abundance

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

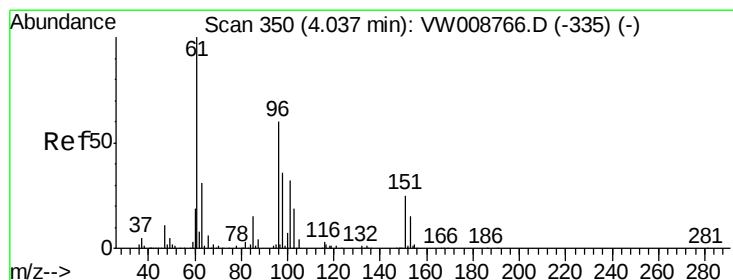
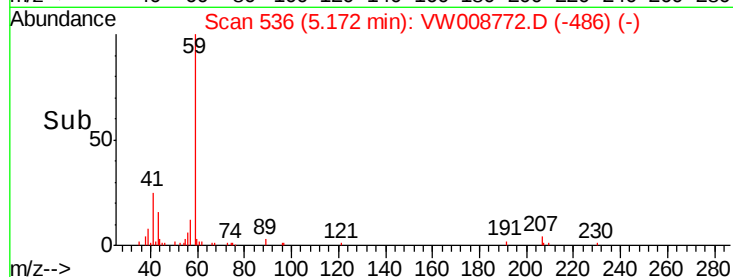
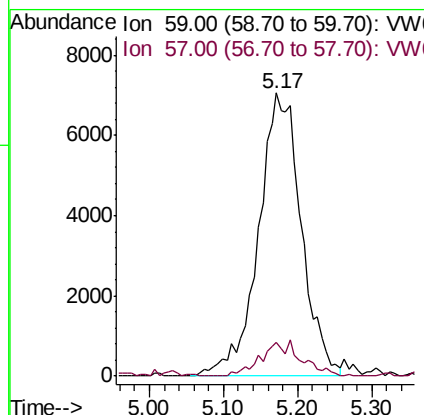
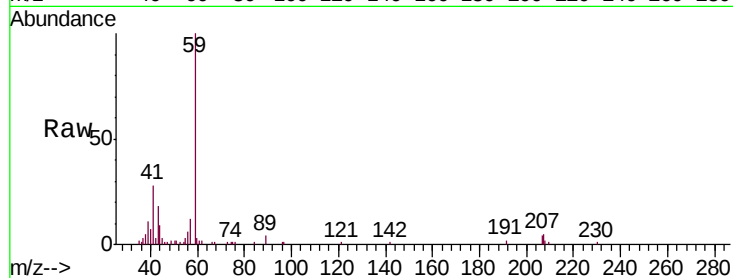




#11
Tert butyl alcohol
Concen: 105.349 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

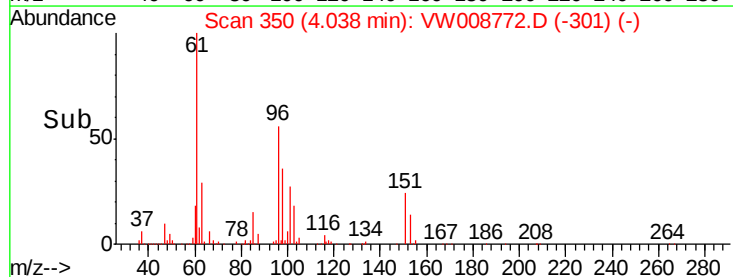
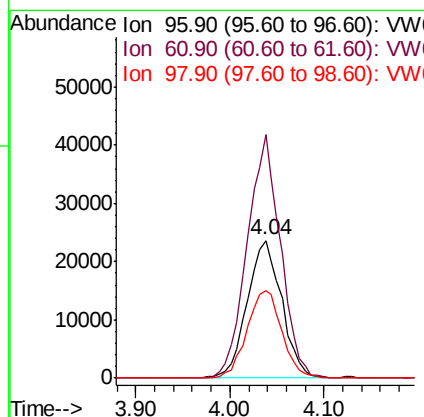
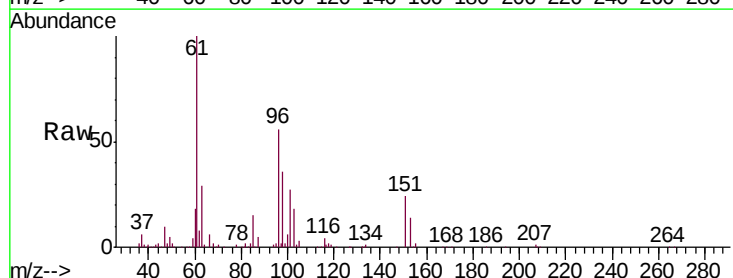
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

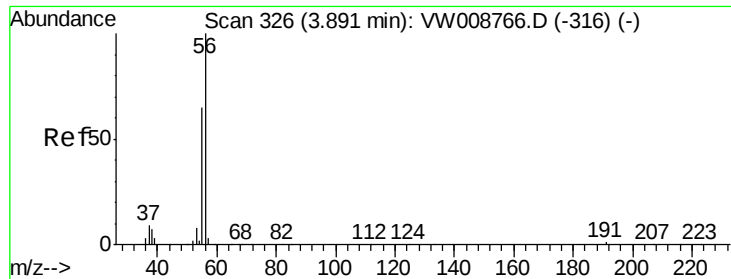
Tgt Ion: 59 Resp: 28148
Ion Ratio Lower Upper
59 100
57 6.9 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 21.746 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 96 Resp: 60926
Ion Ratio Lower Upper
96 100
61 177.1 132.5 198.7
98 63.6 48.2 72.4

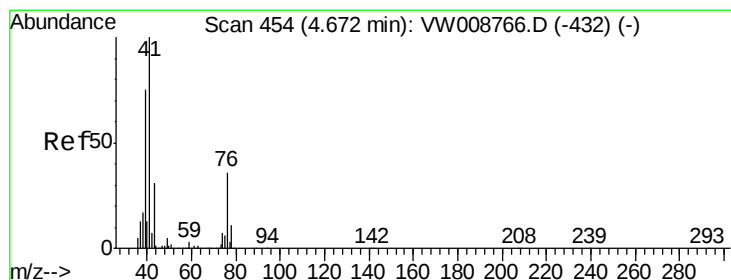
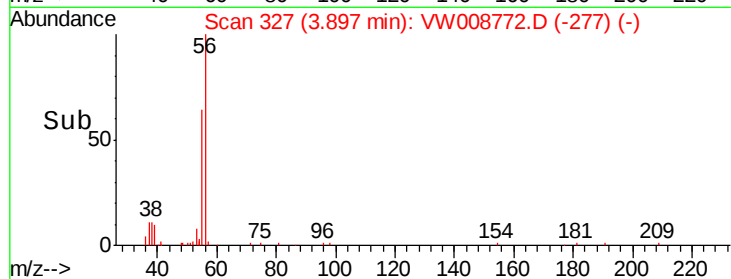
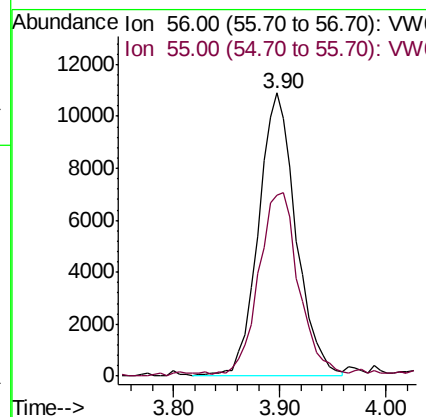
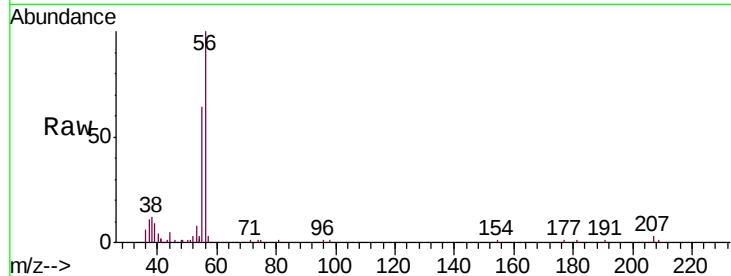




#13
Acrolein
Concen: 107.694 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

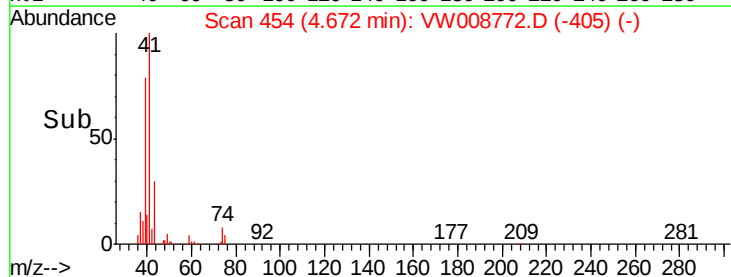
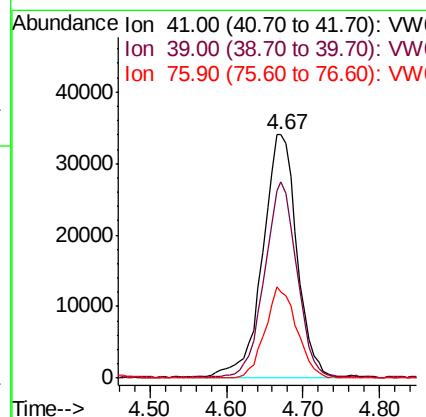
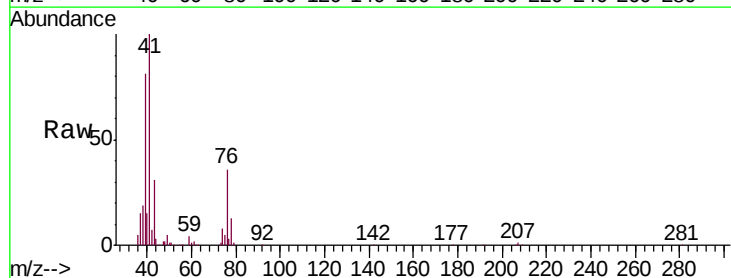
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

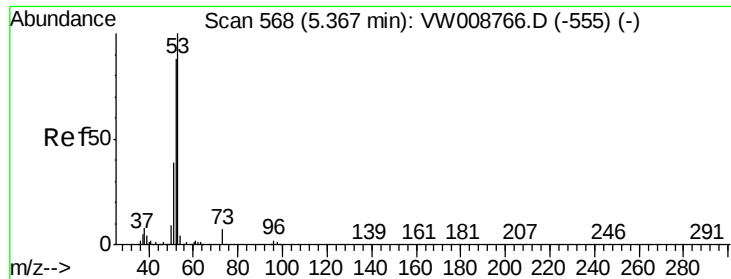
Tgt Ion: 56 Resp: 26905
Ion Ratio Lower Upper
56 100
55 67.3 56.9 85.3



#14
Allyl chloride
Concen: 21.801 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 41 Resp: 105420
Ion Ratio Lower Upper
41 100
39 76.5 60.6 91.0
76 34.8 28.6 42.8





#15

Acrylonitrile

Concen: 107.607 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBS01

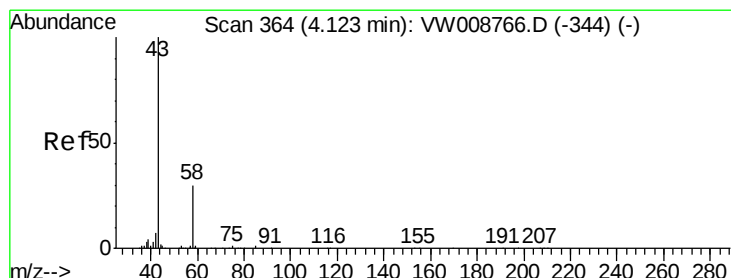
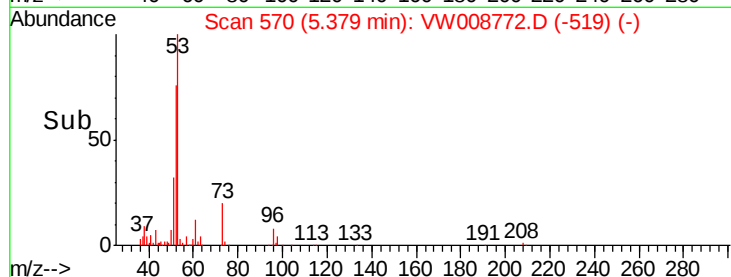
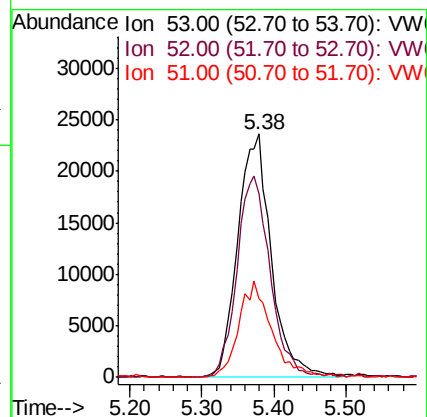
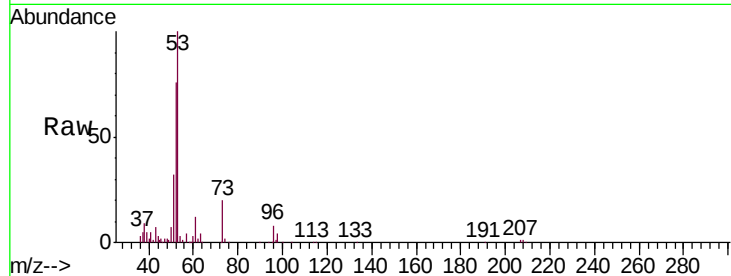
Tgt Ion: 53 Resp: 76380

Ion Ratio Lower Upper

53 100

52 81.6 67.2 100.8

51 38.6 31.1 46.7



#16

Acetone

Concen: 109.559 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008772.D

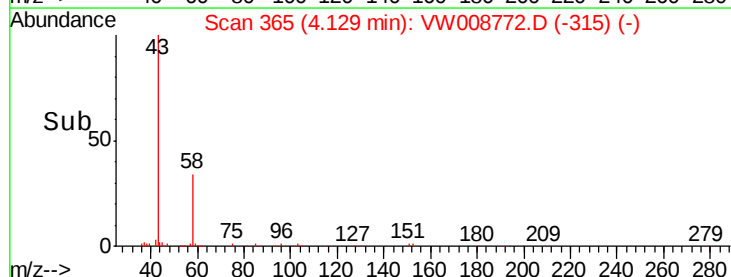
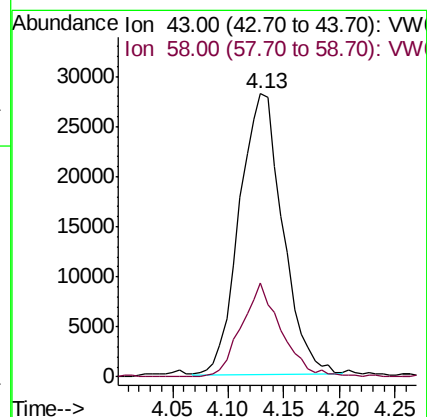
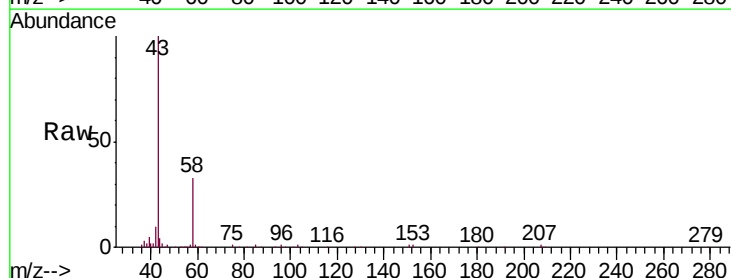
Acq: 21 Feb 2019 16:21

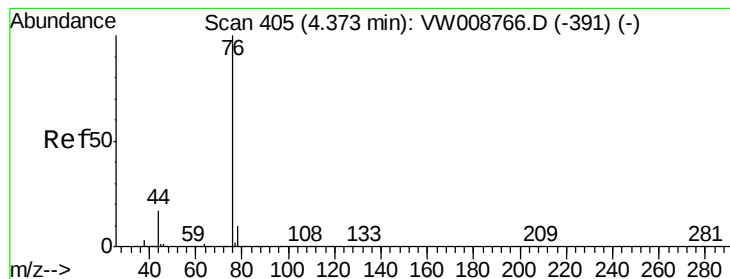
Tgt Ion: 43 Resp: 76215

Ion Ratio Lower Upper

43 100

58 33.6 23.8 35.6





#17

Carbon Disulfide

Concen: 20.519 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

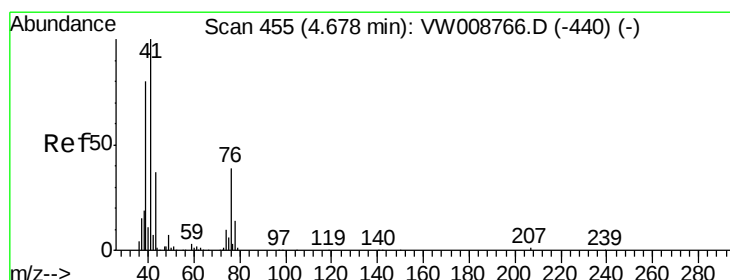
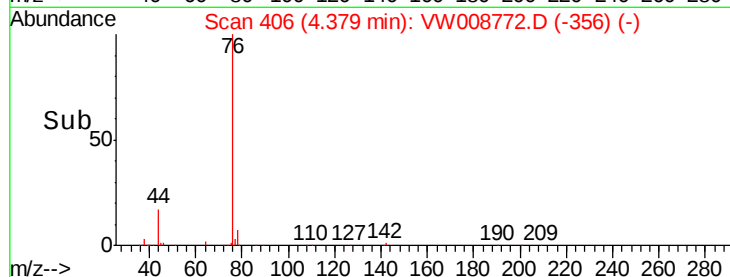
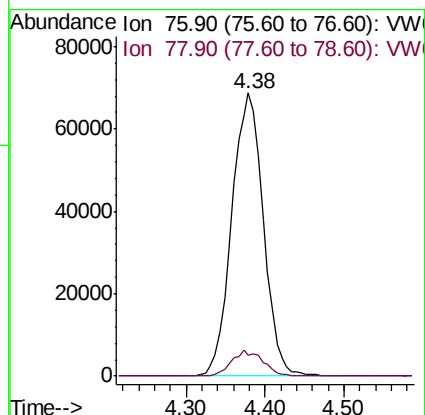
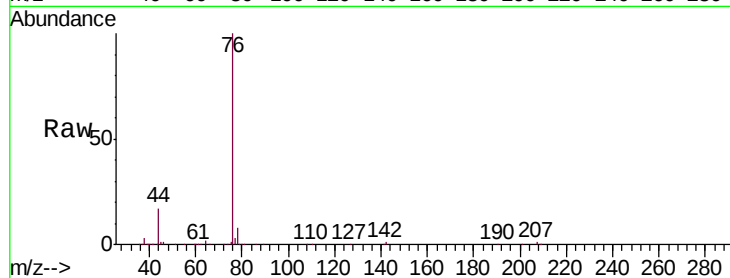
VW0221SBSD01

Tgt Ion: 76 Resp: 190740

Ion Ratio Lower Upper

76 100

78 7.6 7.8 11.8#



#18

Methyl Acetate

Concen: 20.900 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008772.D

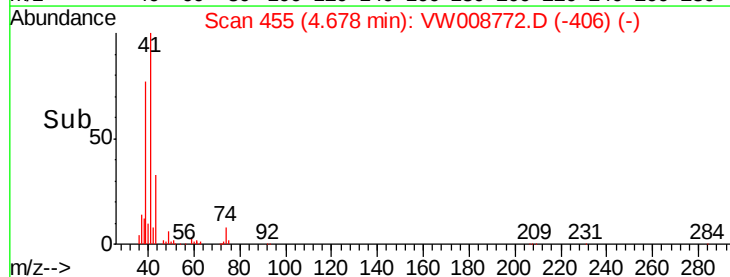
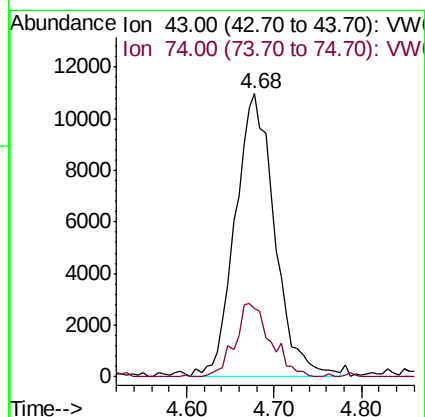
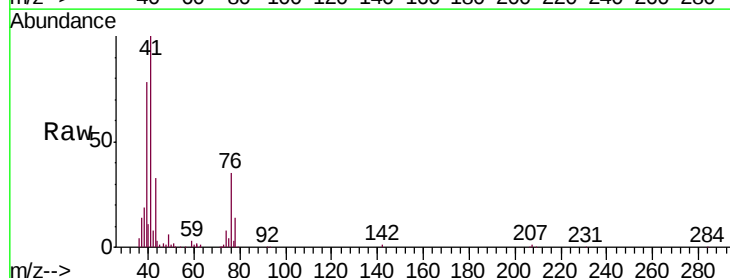
Acq: 21 Feb 2019 16:21

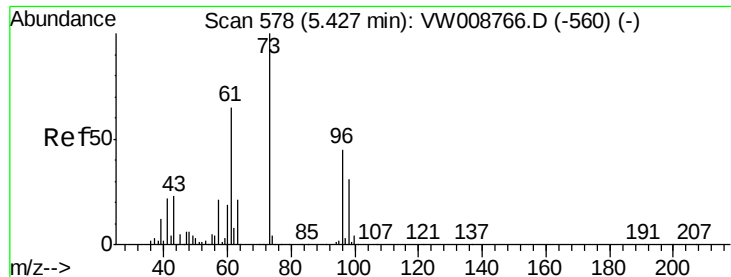
Tgt Ion: 43 Resp: 34486

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.2



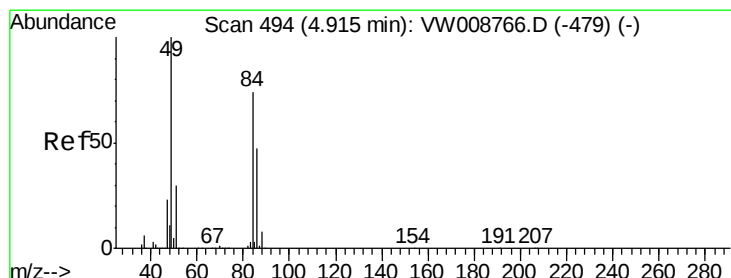
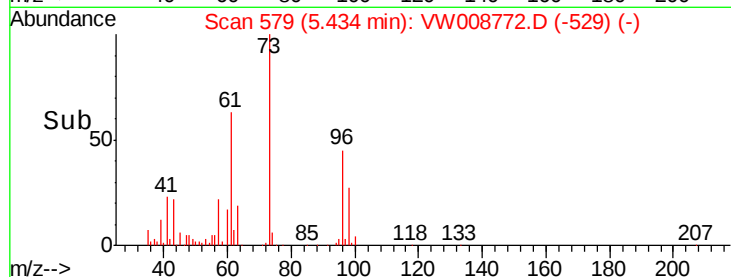
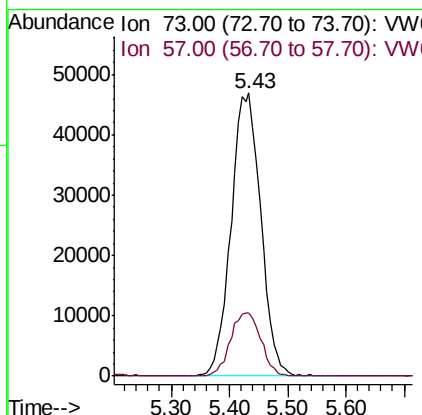
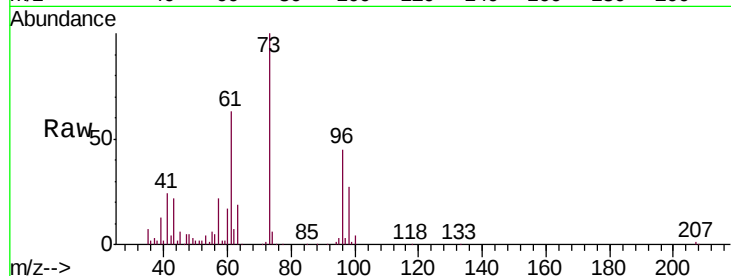


#19

Methyl tert-butyl Ether
 Concen: 21.883 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBS01

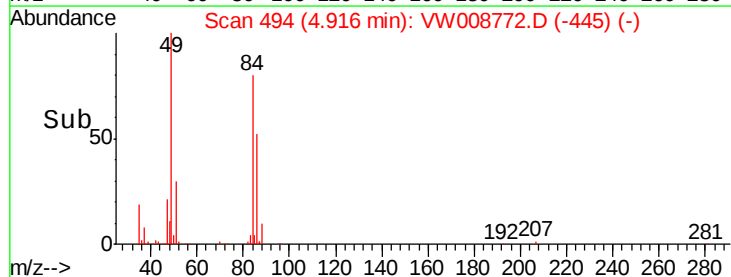
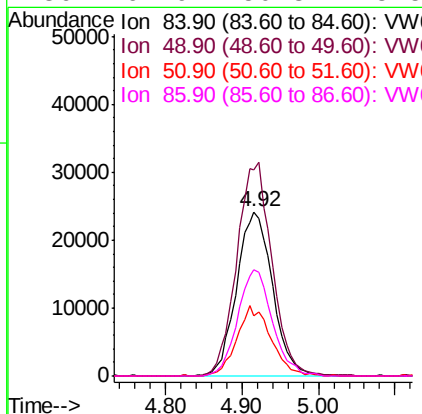
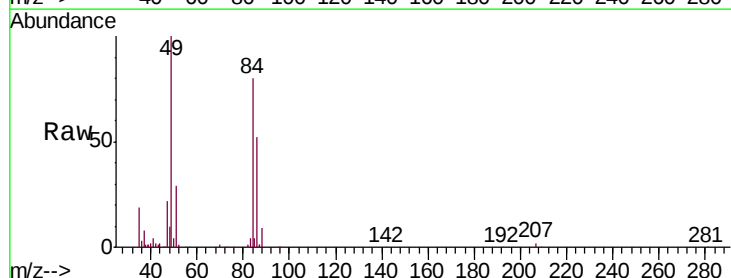
Tgt Ion: 73 Resp: 165947
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.8 25.2

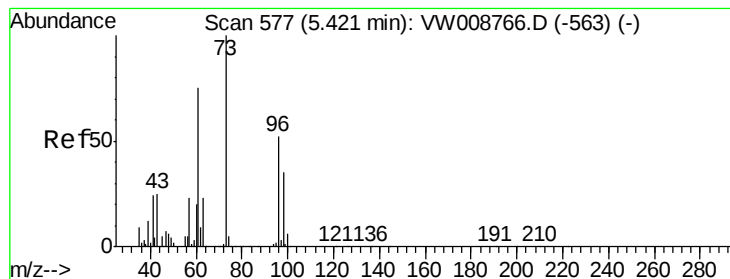


#20

Methylene Chloride
 Concen: 19.886 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 84 Resp: 78692
 Ion Ratio Lower Upper
 84 100
 49 125.0 108.2 162.2
 51 36.7 32.7 49.1
 86 64.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 22.250 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBS01

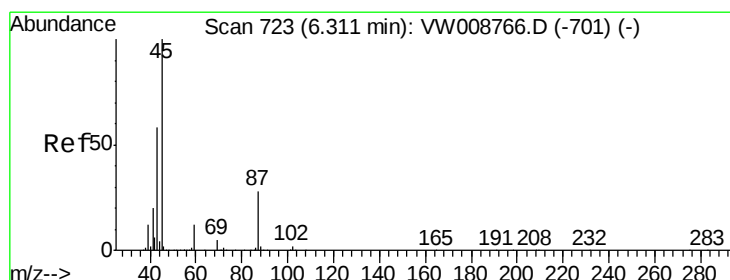
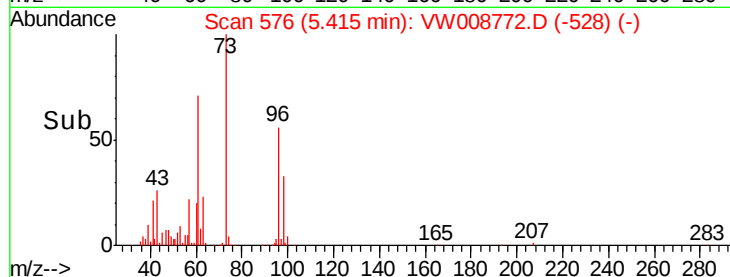
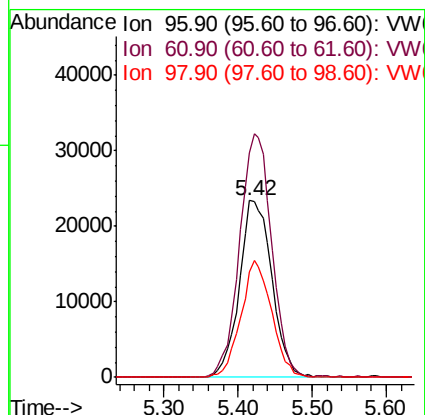
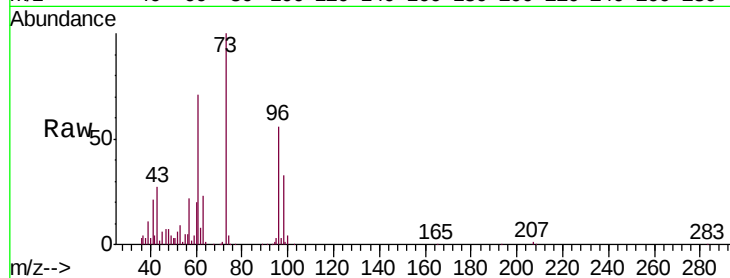
Tgt Ion: 96 Resp: 72108

Ion Ratio Lower Upper

96 100

61 127.1 114.6 171.8

98 59.4 54.0 81.0



#22

Diisopropyl ether

Concen: 21.824 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Tgt Ion: 45 Resp: 210516

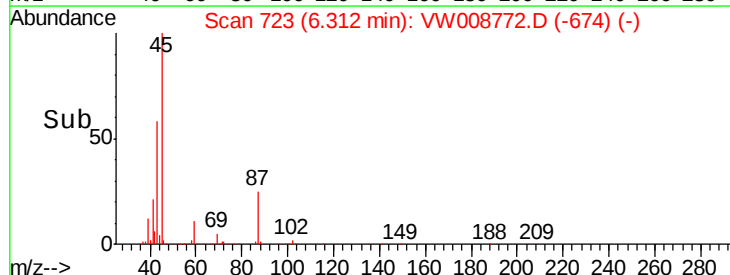
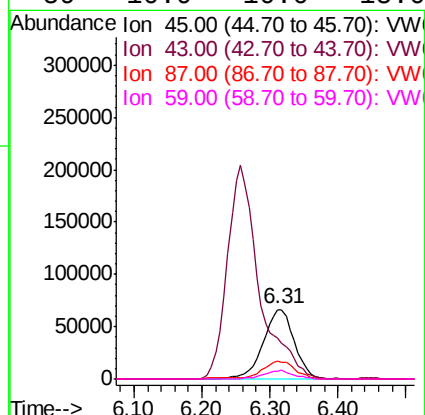
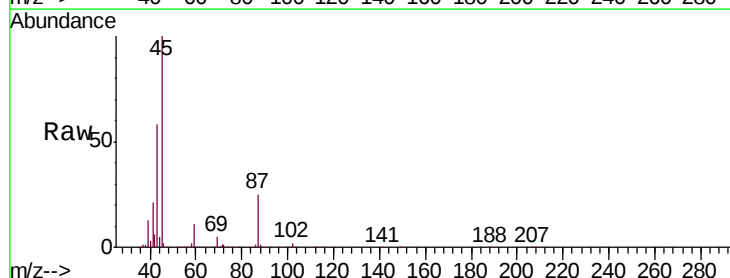
Ion Ratio Lower Upper

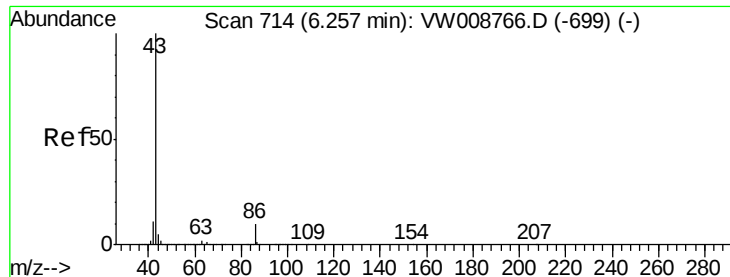
45 100

43 57.8 46.1 69.1

87 24.9 22.2 33.4

59 10.9 10.0 15.0





#23

Vinyl Acetate

Concen: 111.583 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

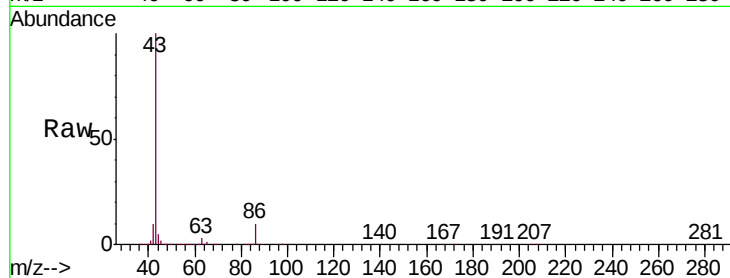
VW0221SBSD01

Tgt Ion: 43 Resp: 665015

Ion Ratio Lower Upper

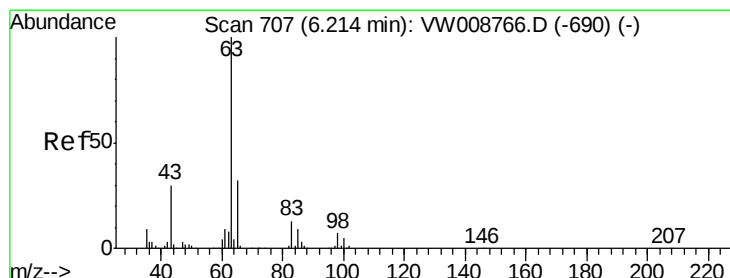
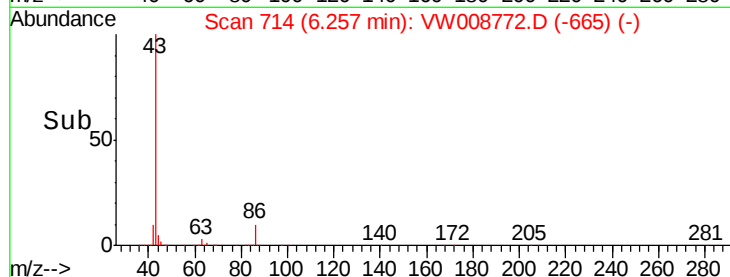
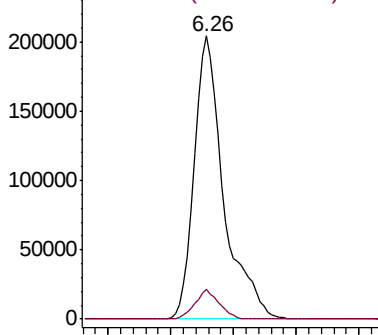
43 100

86 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.504 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

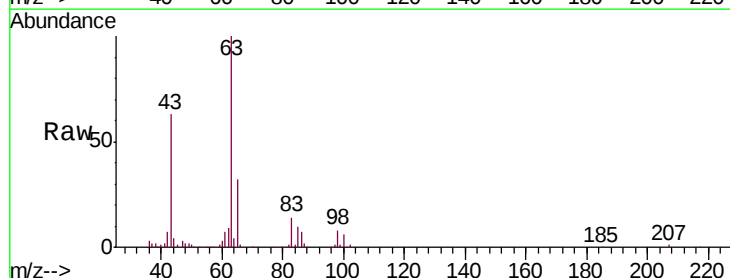
Tgt Ion: 63 Resp: 120199

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

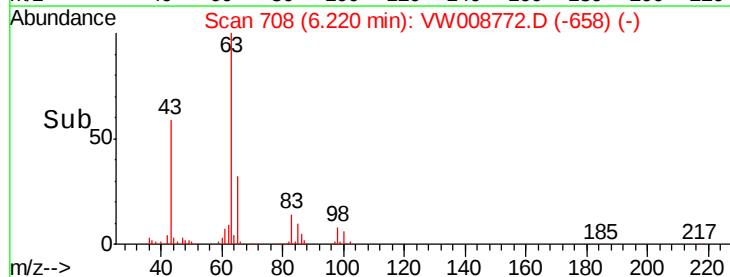
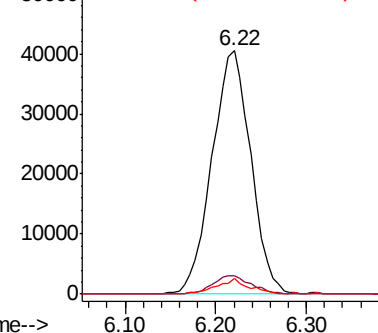
100 6.4 2.4 7.2

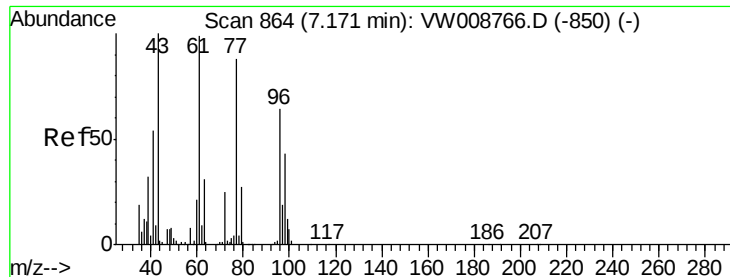


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 111.487 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

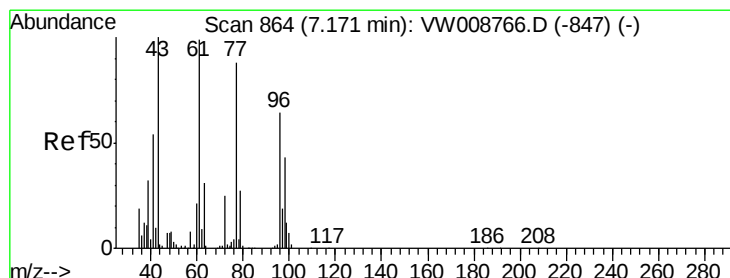
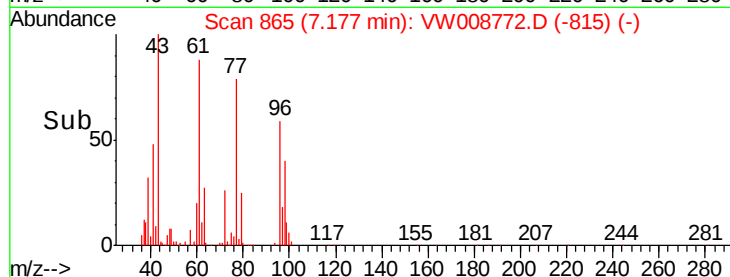
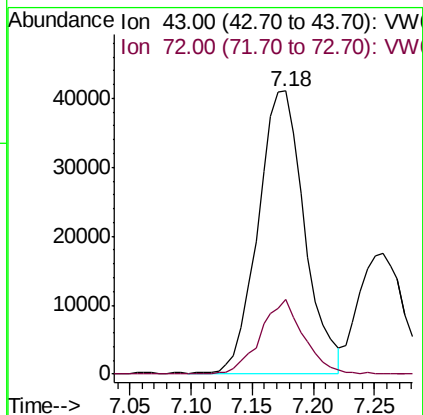
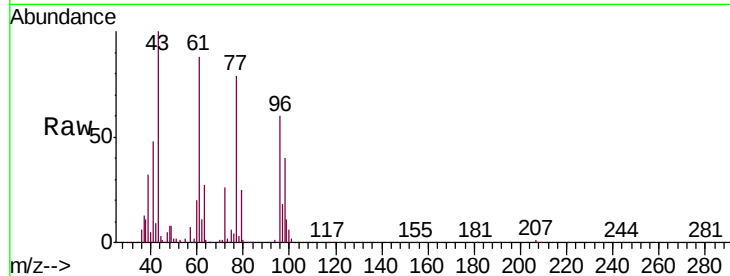
VW0221SBSD01

Tgt Ion: 43 Resp: 108429

Ion Ratio Lower Upper

43 100

72 26.5 19.7 29.5



#26

2,2-Dichloropropane

Concen: 21.859 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008772.D

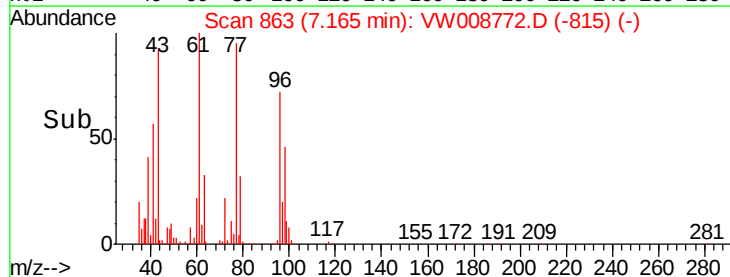
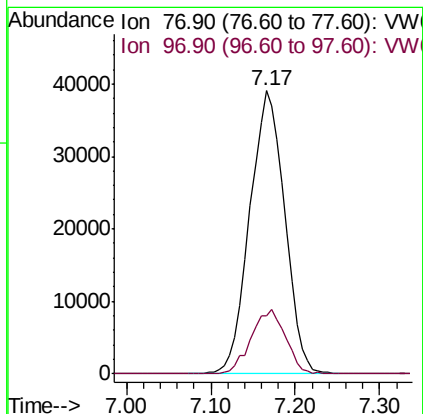
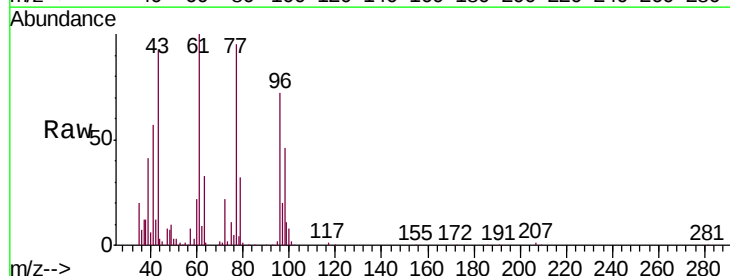
Acq: 21 Feb 2019 16:21

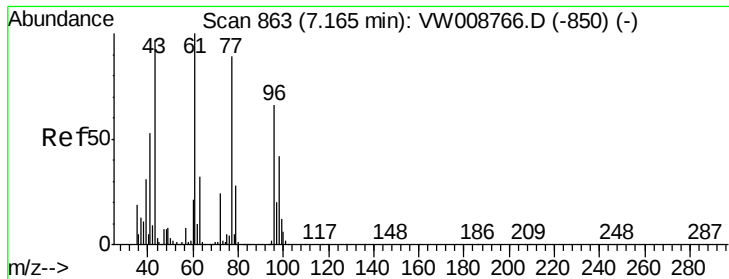
Tgt Ion: 77 Resp: 110927

Ion Ratio Lower Upper

77 100

97 22.3 11.0 33.0



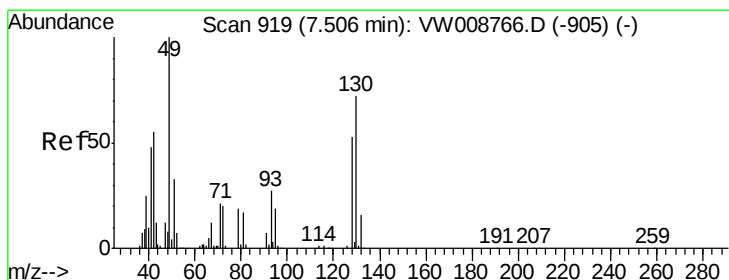
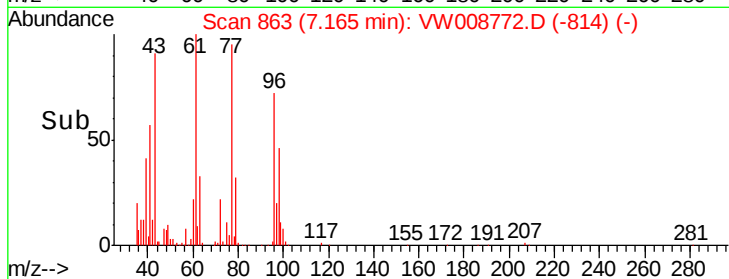
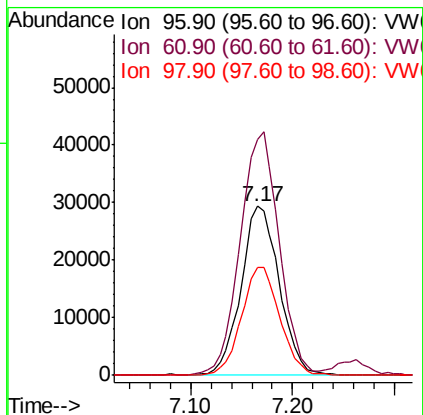
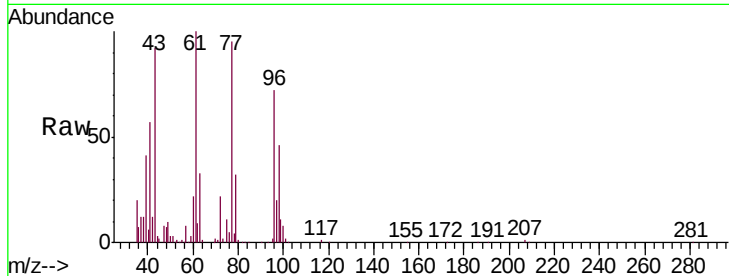


#27

cis-1,2-Dichloroethene
Concen: 22.112 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBS01

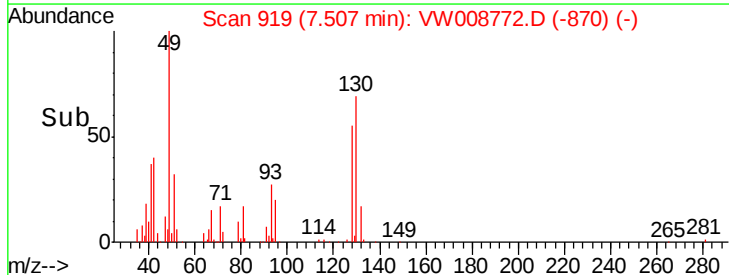
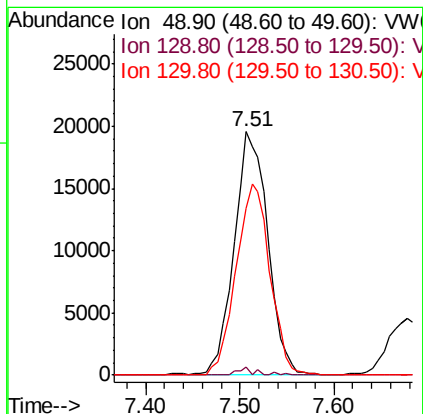
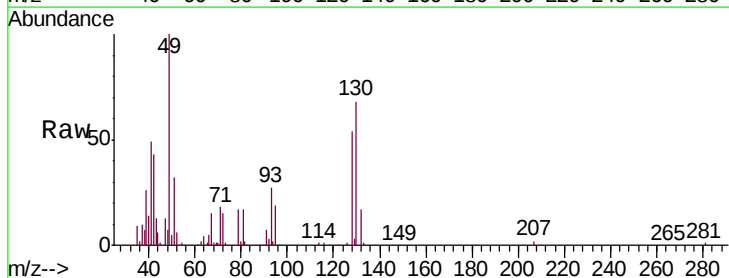
Tgt Ion: 96 Resp: 76657
Ion Ratio Lower Upper
96 100
61 146.8 0.0 302.6
98 64.1 0.0 130.0

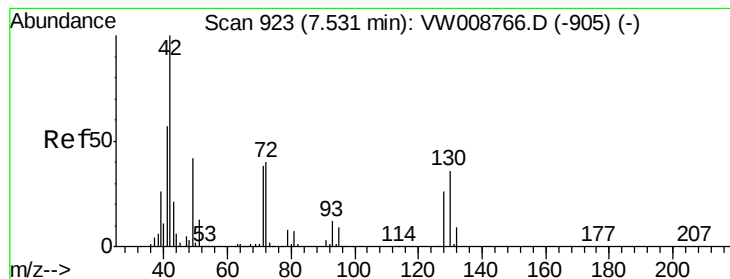


#28

Bromochloromethane
Concen: 20.825 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 49 Resp: 48712
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.6
130 79.0 61.3 91.9





#29

Tetrahydrofuran

Concen: 106.100 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

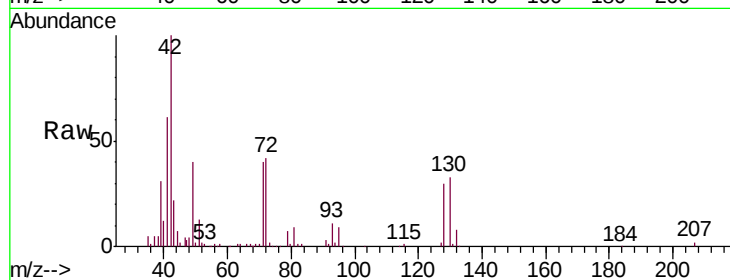
Tgt Ion: 42 Resp: 65760

Ion Ratio Lower Upper

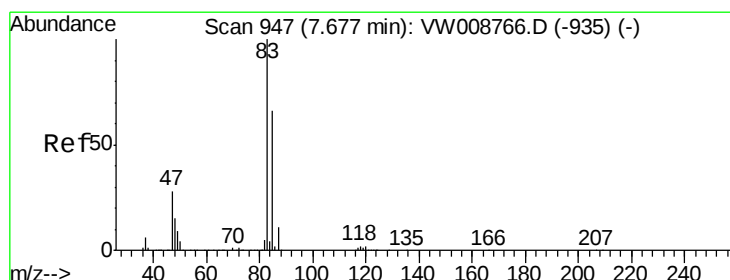
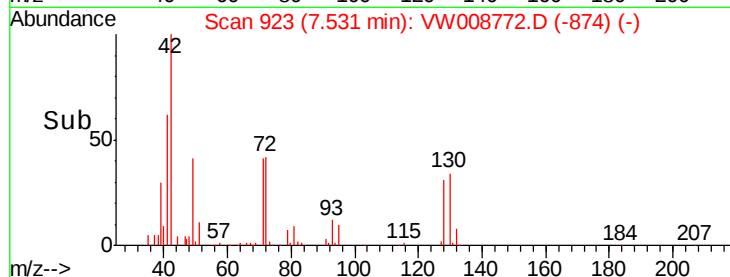
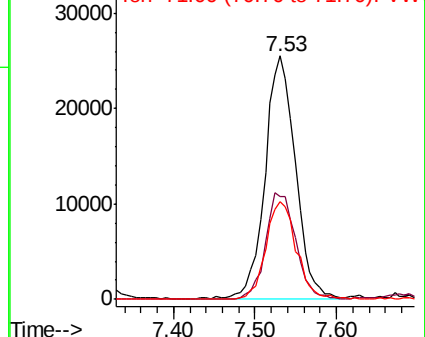
42 100

72 43.6 32.7 49.1

71 40.5 31.3 46.9



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



#30

Chloroform

Concen: 21.475 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008772.D

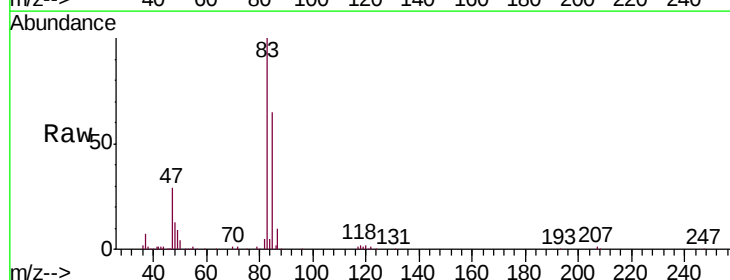
Acq: 21 Feb 2019 16:21

Tgt Ion: 83 Resp: 123142

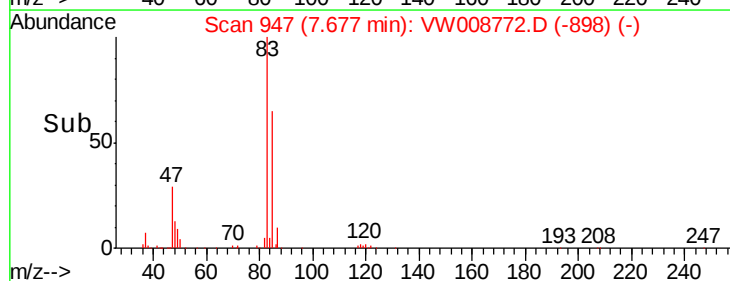
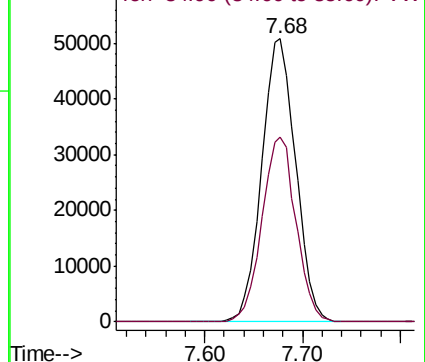
Ion Ratio Lower Upper

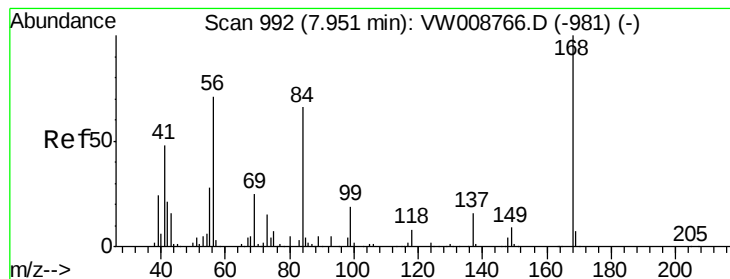
83 100

85 65.3 52.6 79.0



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





#31

Cyclohexane

Concen: 22.406 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

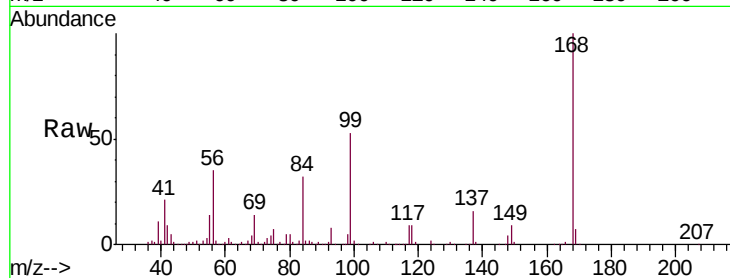
Tgt Ion: 56 Resp: 126773

Ion Ratio Lower Upper

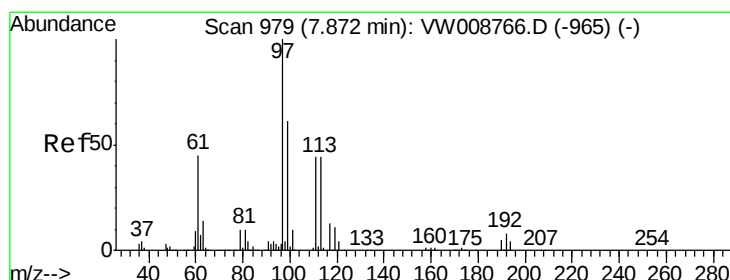
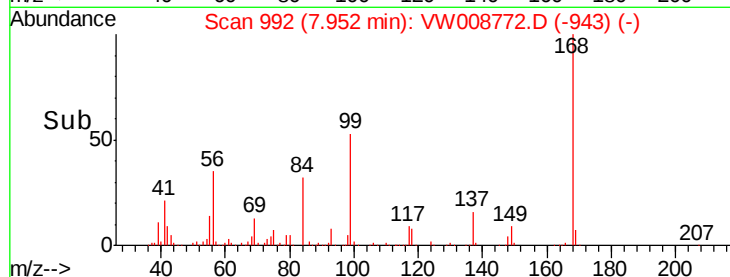
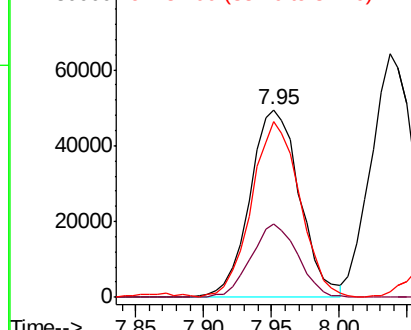
56 100

69 39.1 28.2 42.4

84 93.2 74.1 111.1



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: 22.057 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

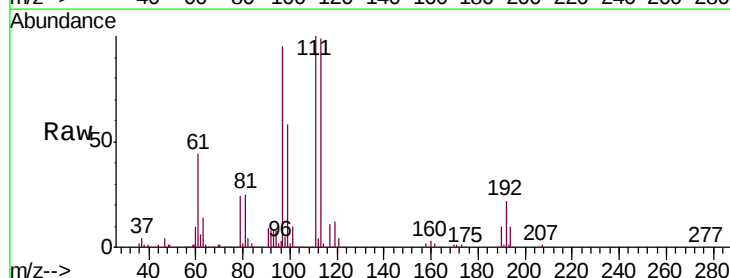
Tgt Ion: 97 Resp: 115022

Ion Ratio Lower Upper

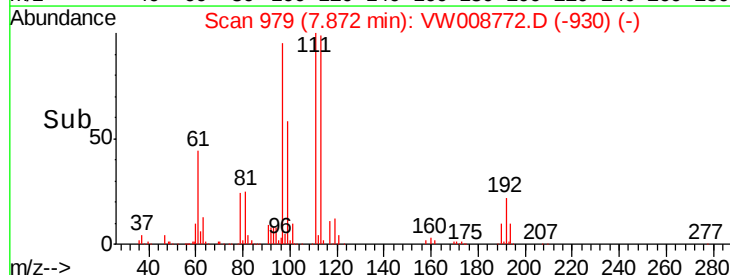
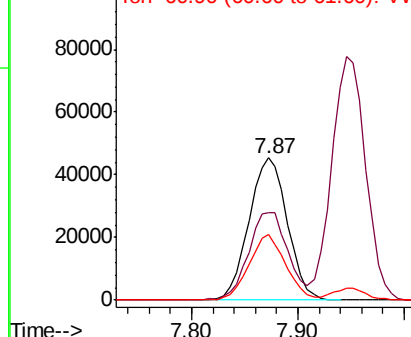
97 100

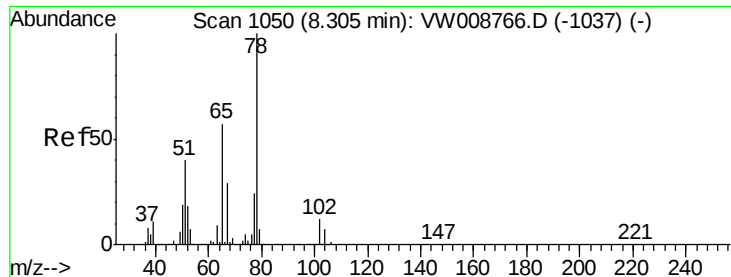
99 63.6 50.8 76.2

61 44.3 36.0 54.0



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

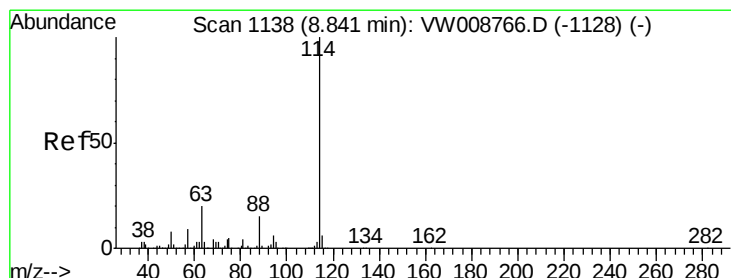
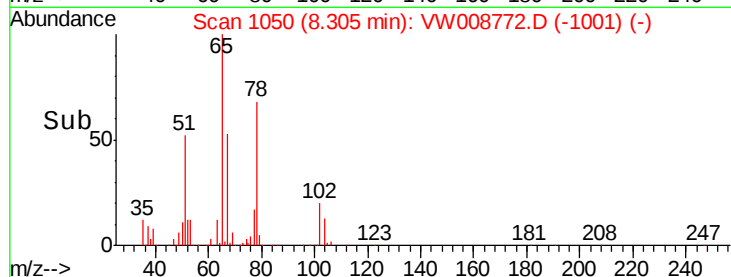
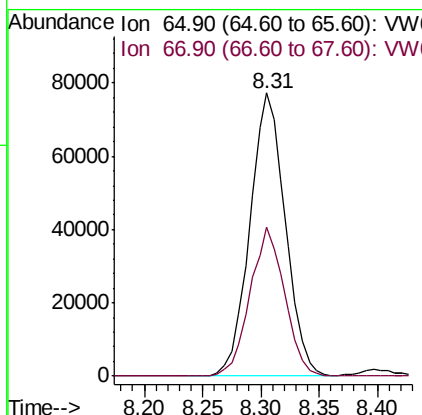
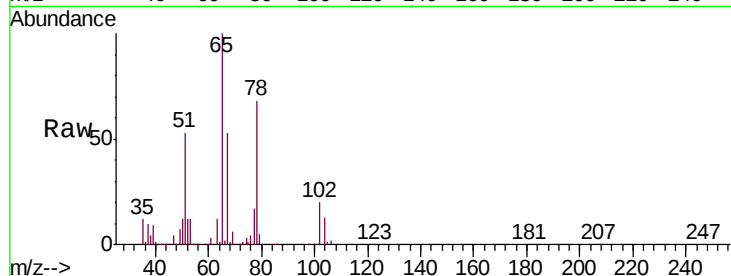




#33
 1,2-Dichloroethane-d4
 Concen: 54.541 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

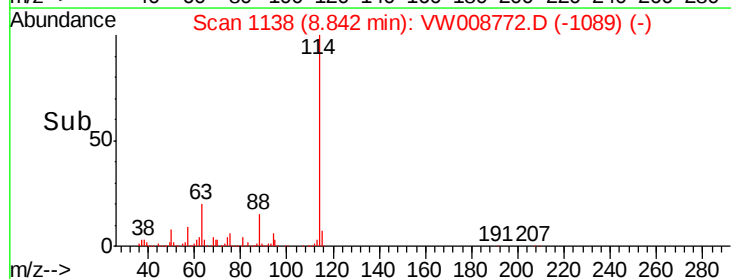
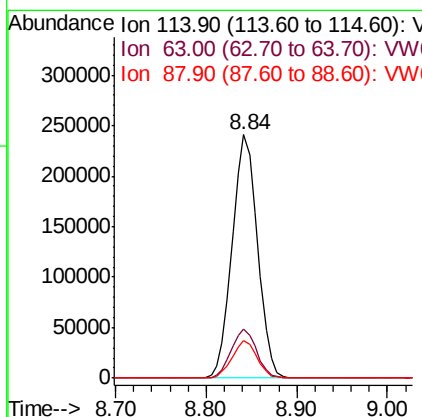
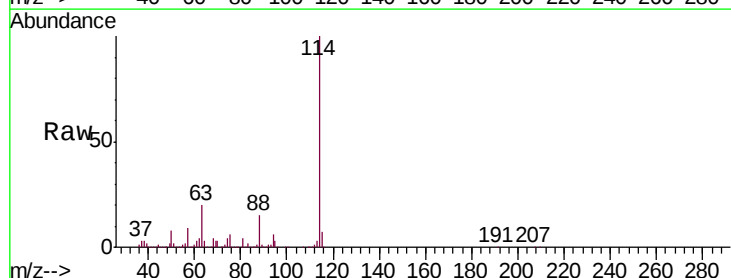
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

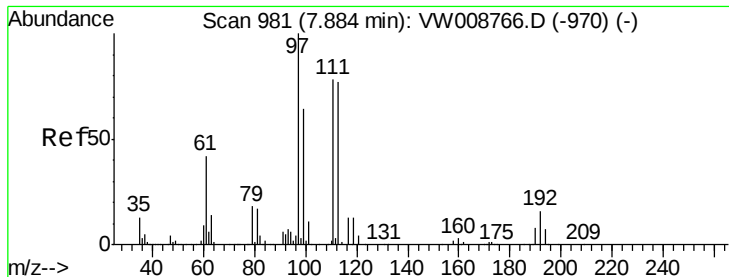
Tgt Ion: 65 Resp: 163688
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 114 Resp: 467953
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.4 0.0 30.4

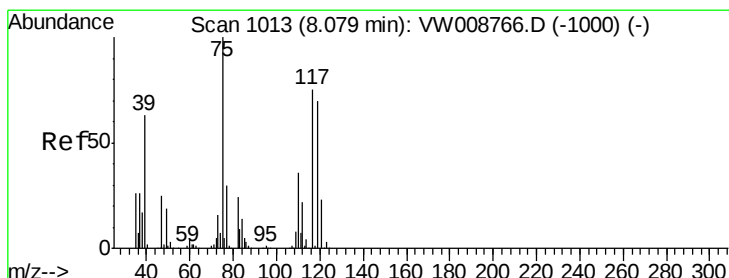
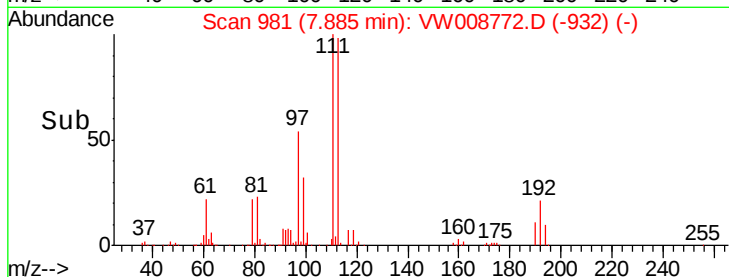
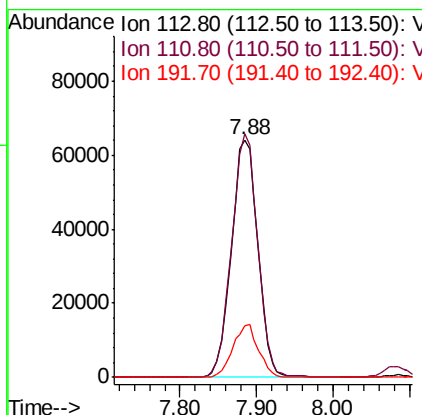
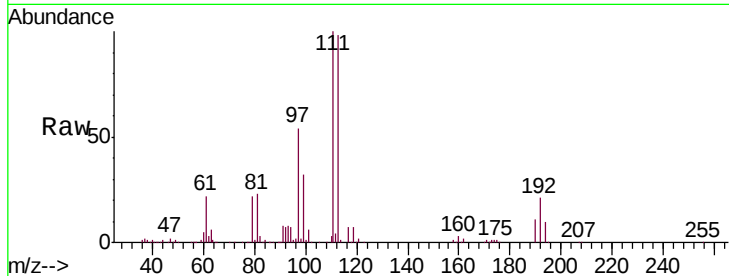




#35
 Dibromofluoromethane
 Concen: 54.609 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

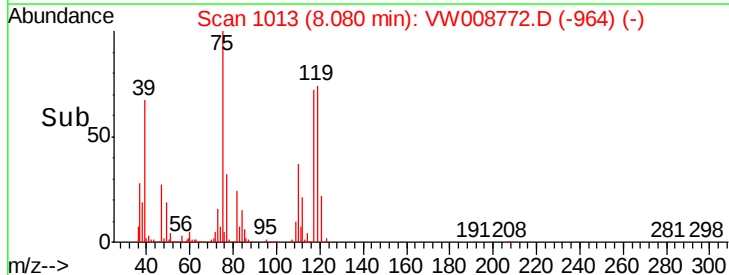
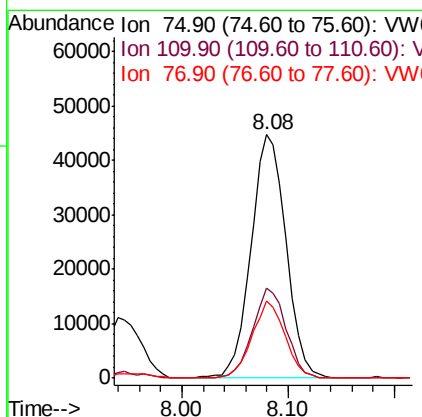
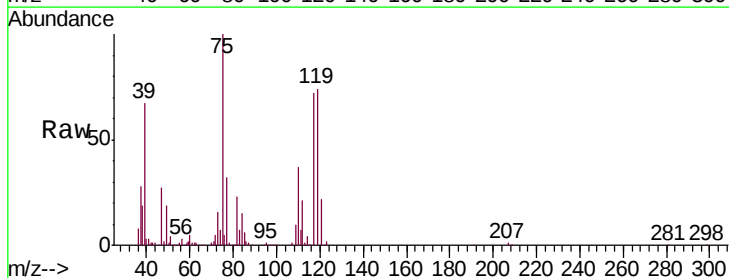
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

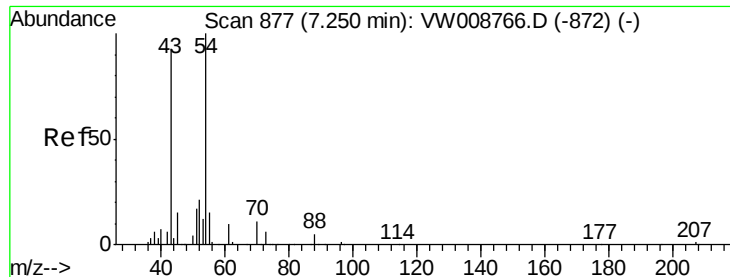
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 22.521 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.5	52.6
77	30.0	24.5	36.7

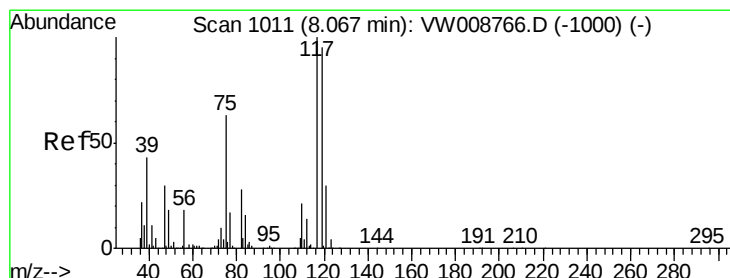
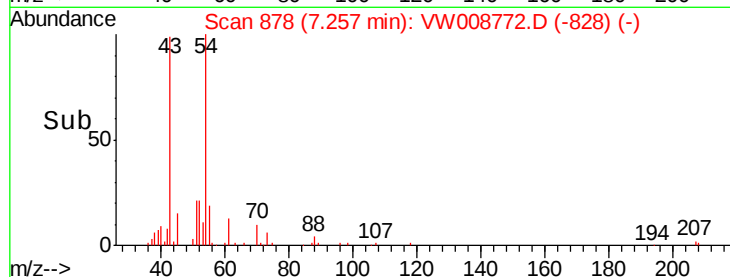
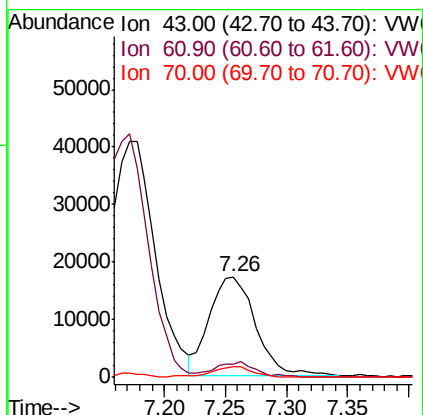
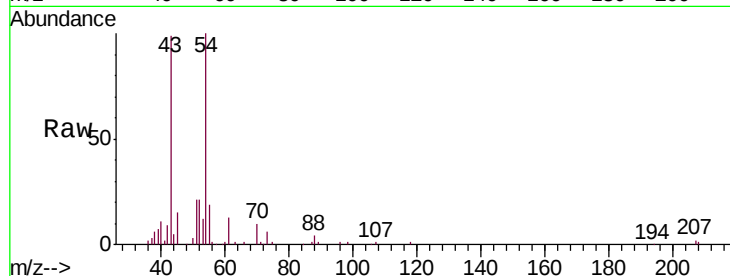




#37
Ethyl Acetate
Concen: 21.499 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

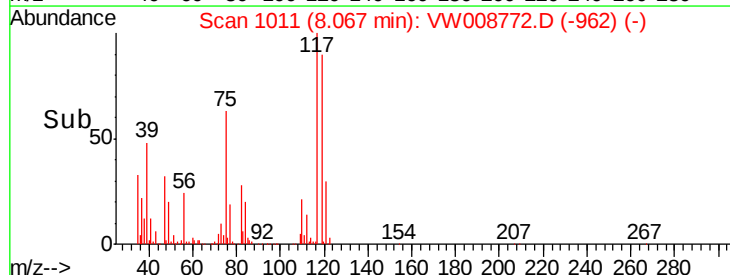
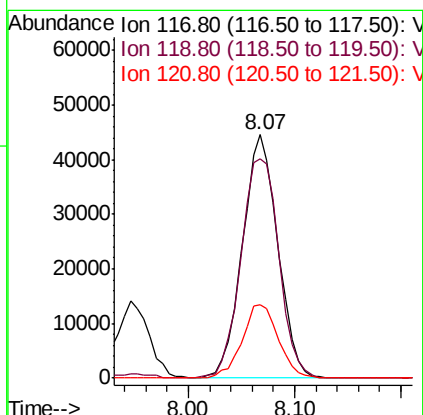
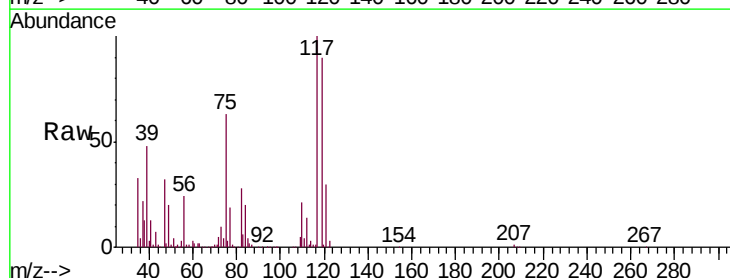
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

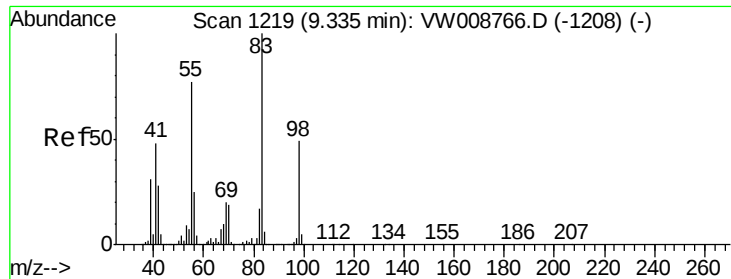
Tgt Ion: 43 Resp: 45542
Ion Ratio Lower Upper
43 100
61 13.7 9.8 14.8
70 9.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.676 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 117 Resp: 104130
Ion Ratio Lower Upper
117 100
119 90.3 76.1 114.1
121 30.0 24.0 36.0

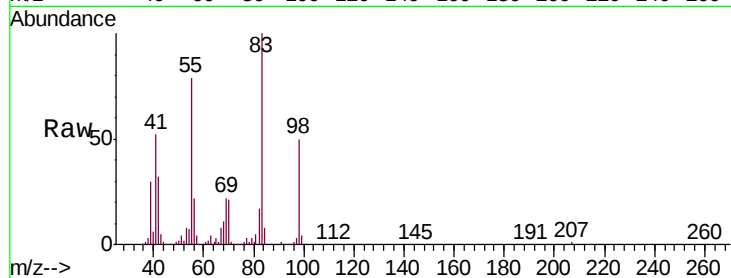




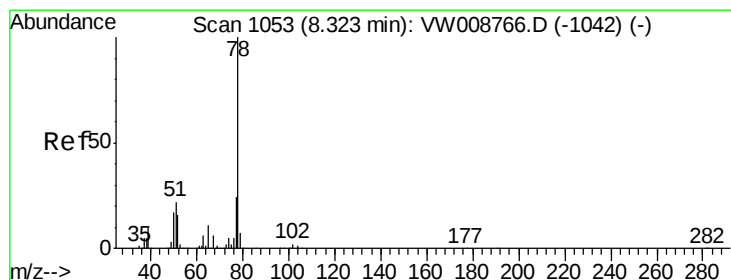
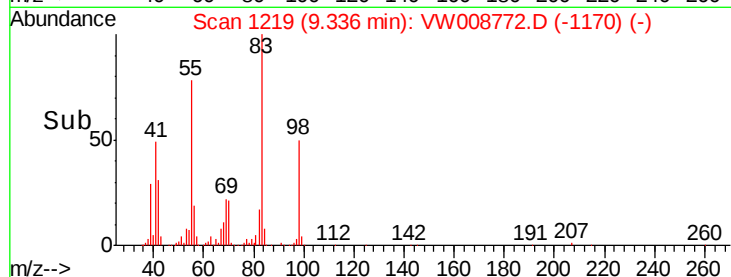
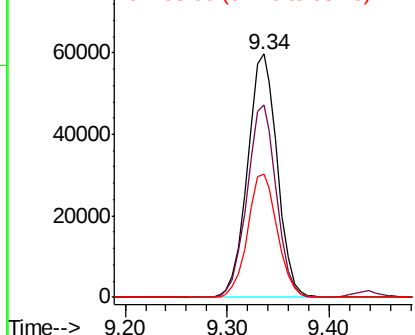
#39
Methylcyclohexane
Concen: 21.334 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.2	91.8
98	50.4	39.4	59.2

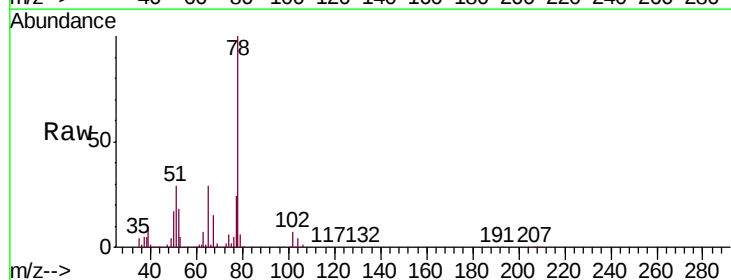


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

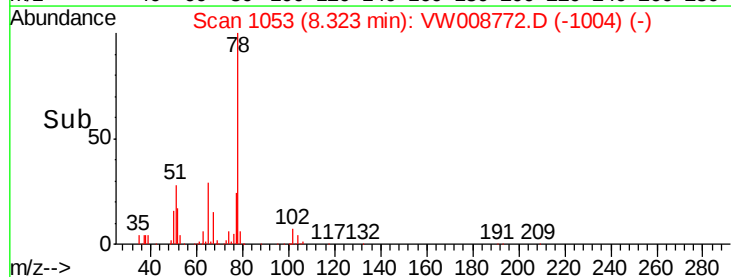
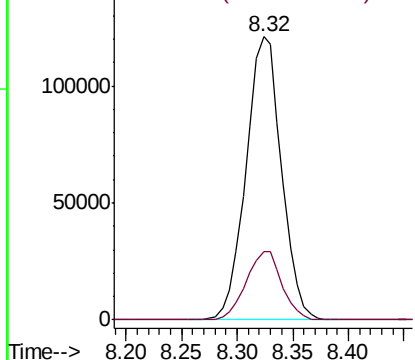


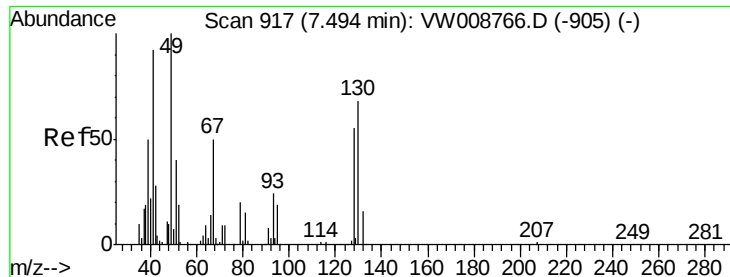
#40
Benzene
Concen: 21.540 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9



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

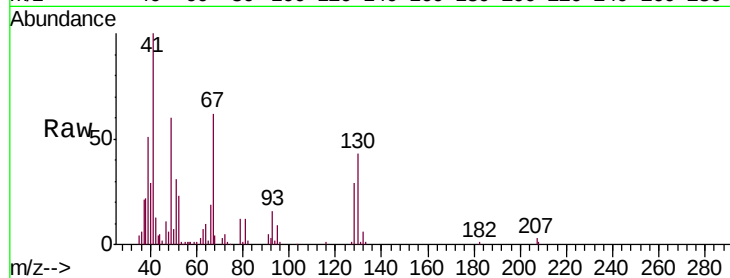




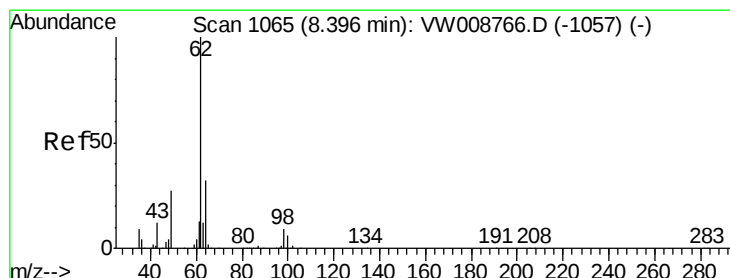
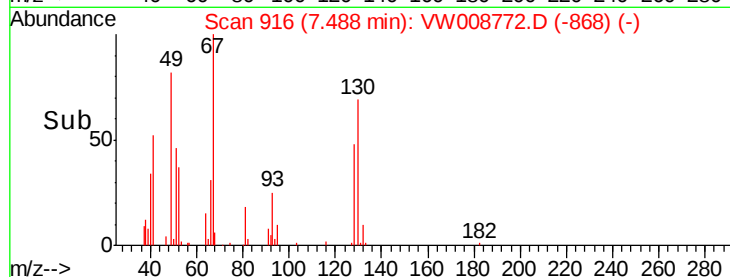
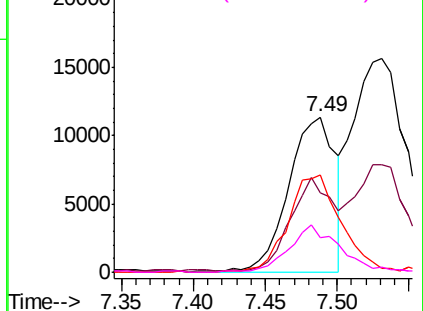
#41
Methacrylonitrile
Concen: 20.741 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

Tgt Ion:	41	Resp:	25825
Ion	Ratio	Lower	Upper
41	100		
39	54.1	52.5	78.7
67	70.3	55.0	82.6
52	32.9	26.9	40.3

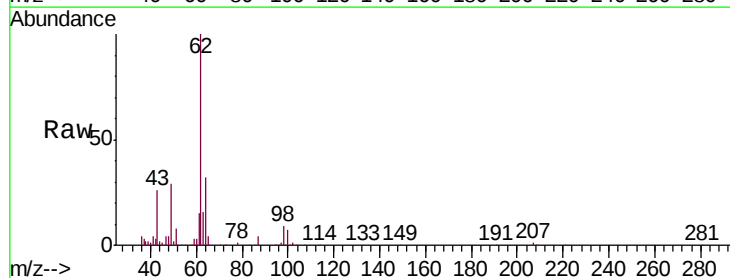


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

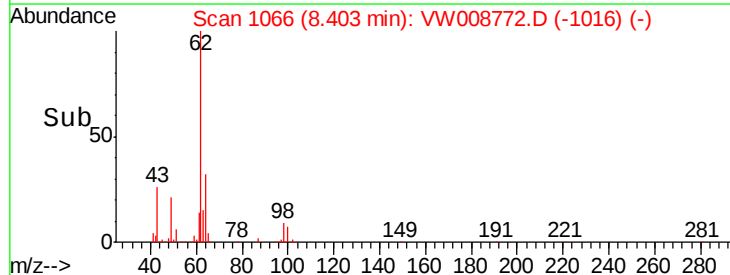
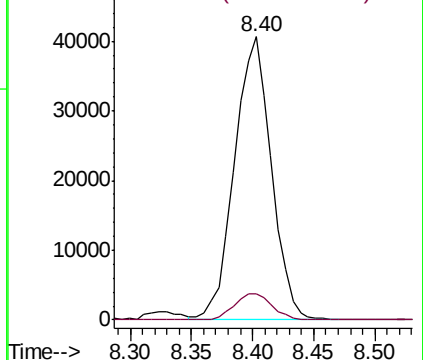


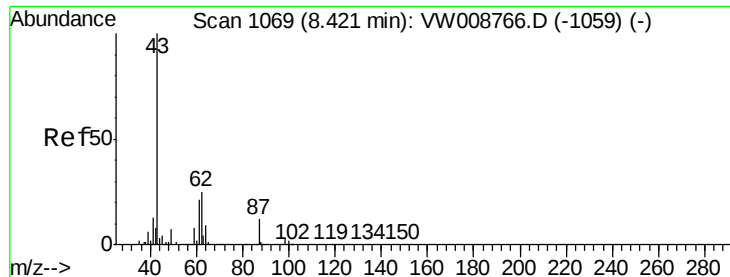
#42
1,2-Dichloroethane
Concen: 21.458 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:	62	Resp:	84541
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.279 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

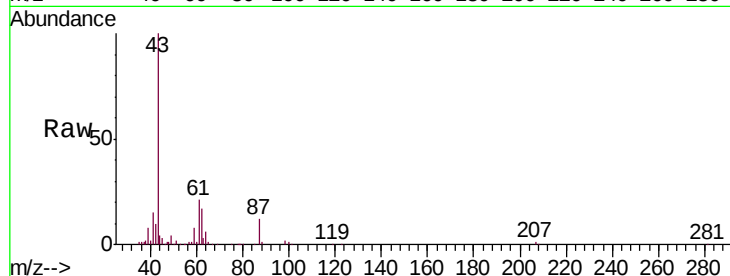
Tgt Ion: 43 Resp: 89962

Ion Ratio Lower Upper

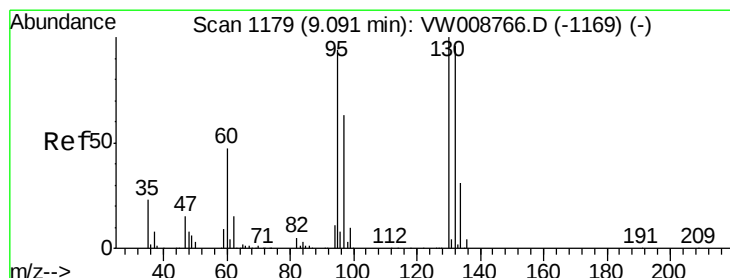
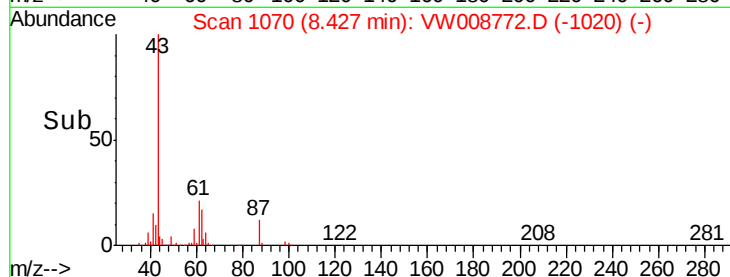
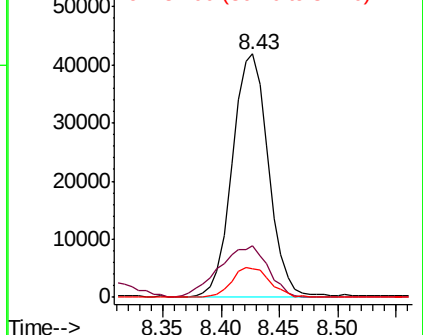
43 100

61 29.0 23.2 34.8

87 13.2 9.9 14.9



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



#44

Trichloroethene

Concen: 22.075 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008772.D

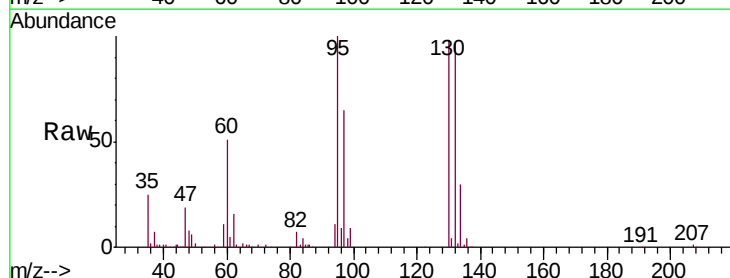
Acq: 21 Feb 2019 16:21

Tgt Ion: 130 Resp: 77344

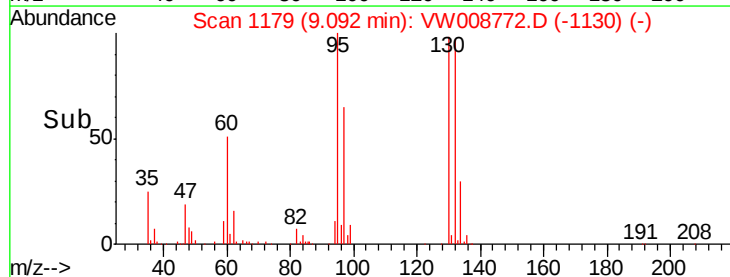
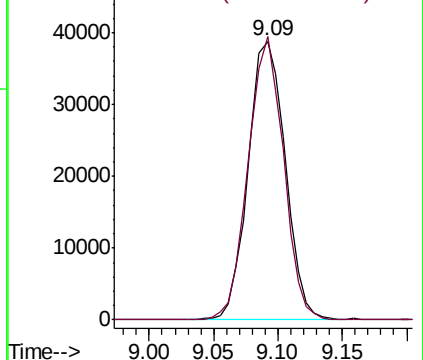
Ion Ratio Lower Upper

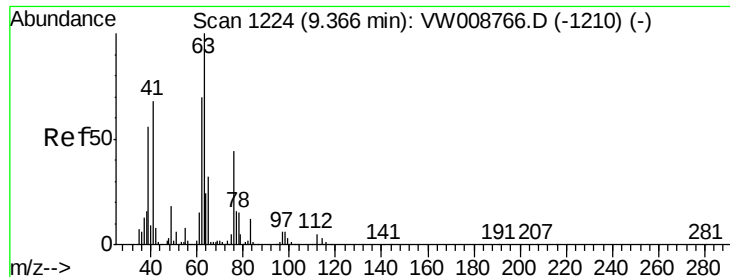
130 100

95 101.6 0.0 188.6



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





#45

1,2-Dichloropropane

Concen: 21.387 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

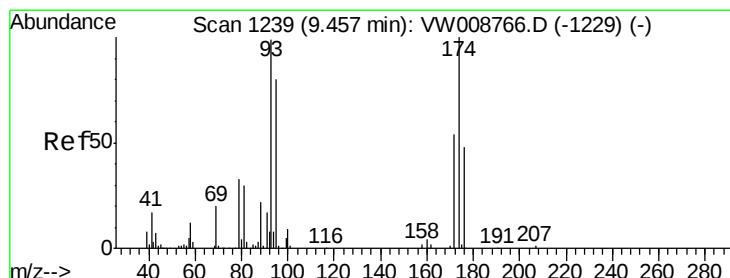
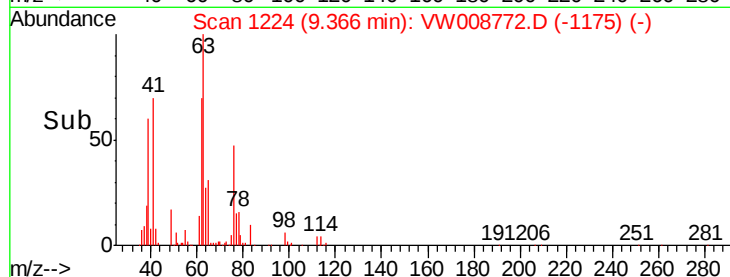
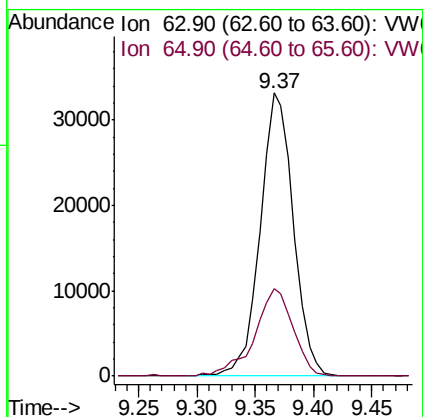
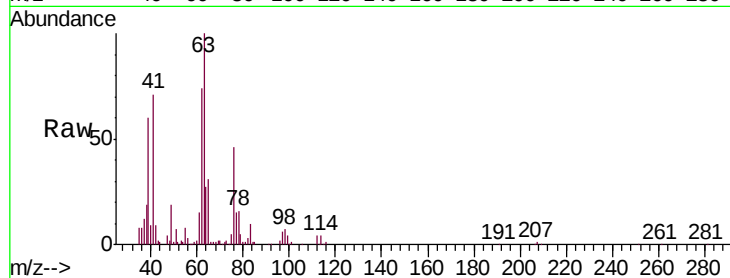
VW0221SBSD01

Tgt Ion: 63 Resp: 65730

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3



#46

Dibromomethane

Concen: 21.534 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

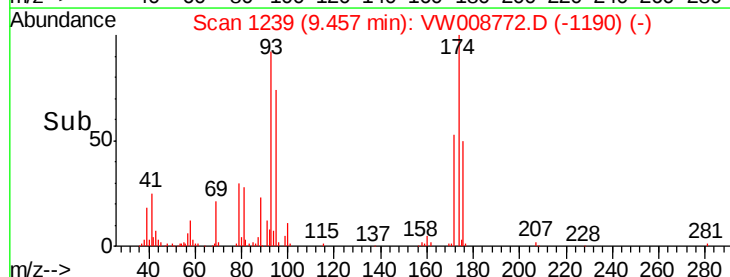
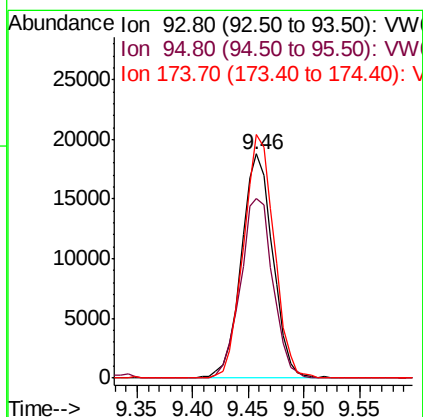
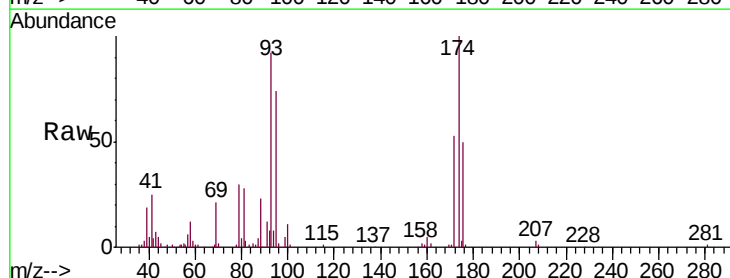
Tgt Ion: 93 Resp: 36814

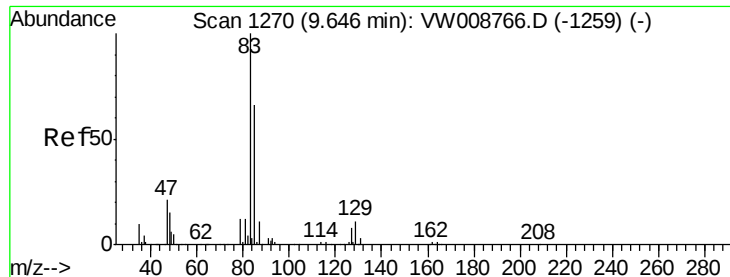
Ion Ratio Lower Upper

93 100

95 82.2 67.7 101.5

174 106.1 86.7 130.1

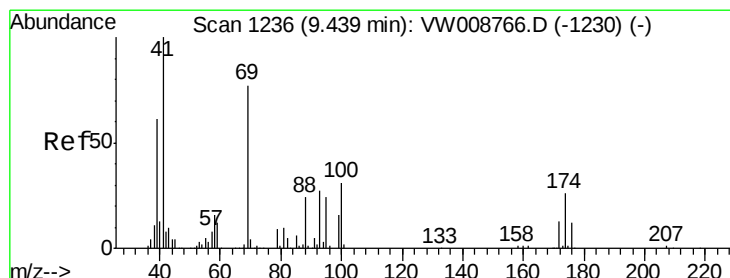
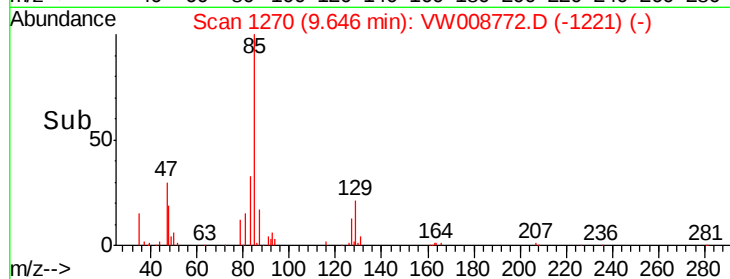
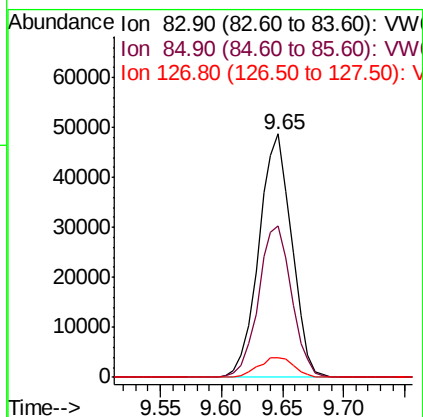
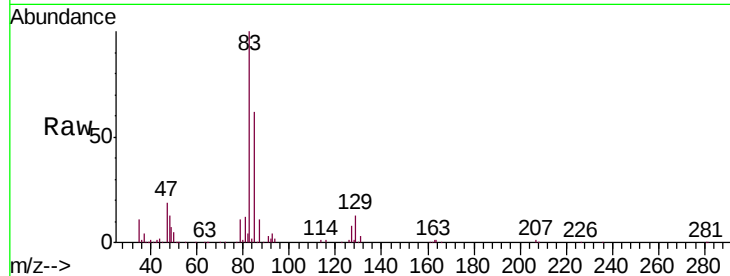




#47
 Bromodichloromethane
 Concen: 21.870 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

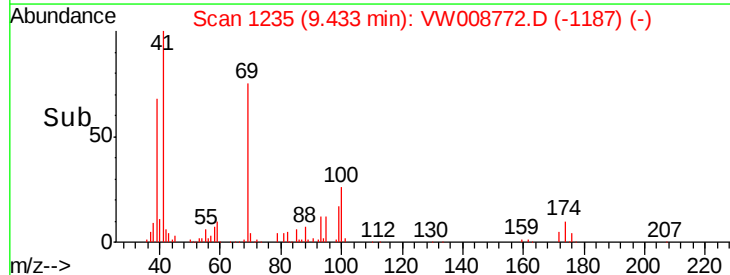
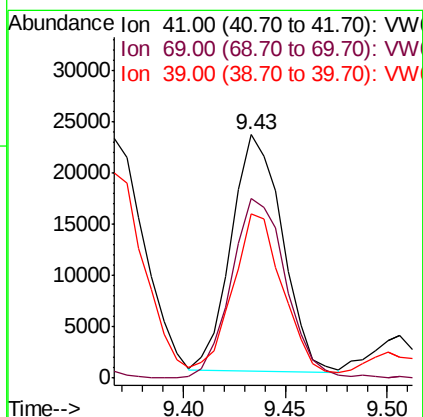
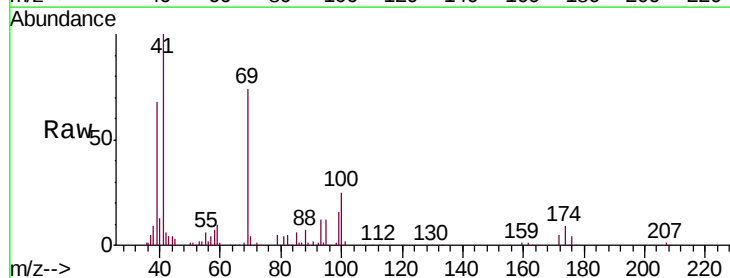
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBS01

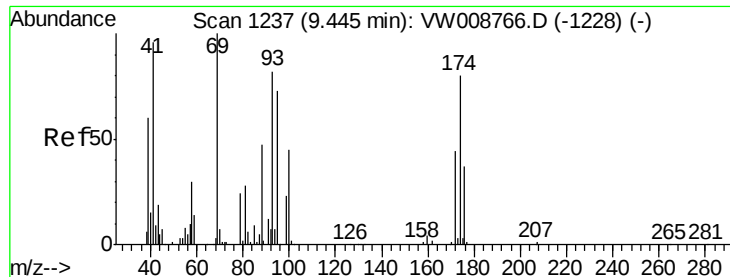
Tgt Ion: 83 Resp: 90966
 Ion Ratio Lower Upper
 83 100
 85 62.2 52.5 78.7
 127 8.1 6.7 10.1



#48
 Methyl methacrylate
 Concen: 19.804 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 41 Resp: 40099
 Ion Ratio Lower Upper
 41 100
 69 82.2 63.6 95.4
 39 69.4 52.1 78.1

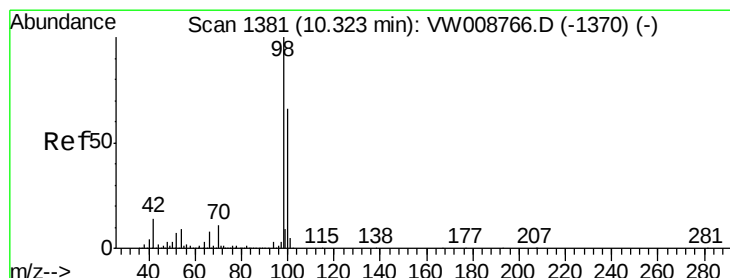
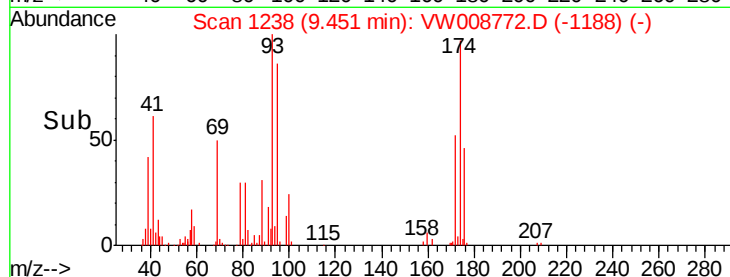
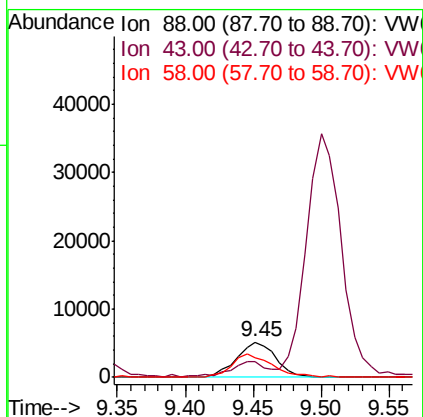
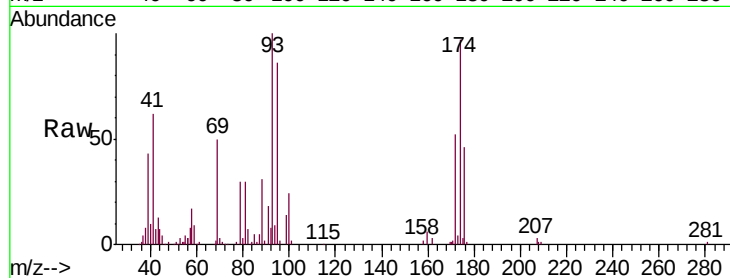




#49
1,4-Dioxane
Concen: 381.016 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

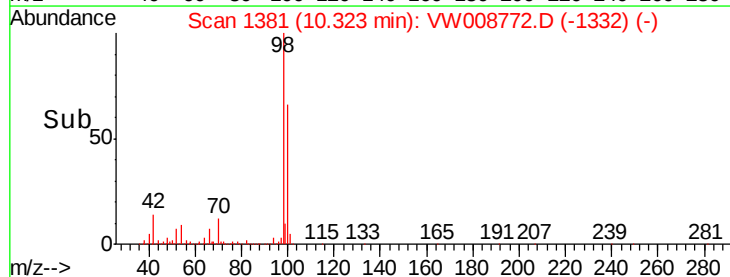
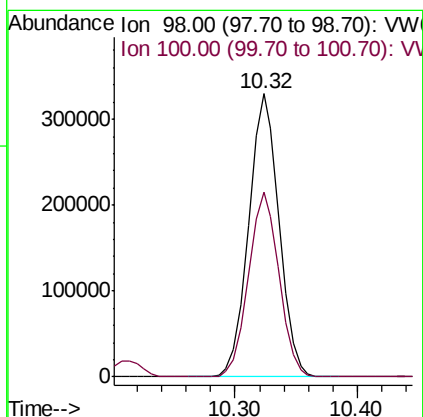
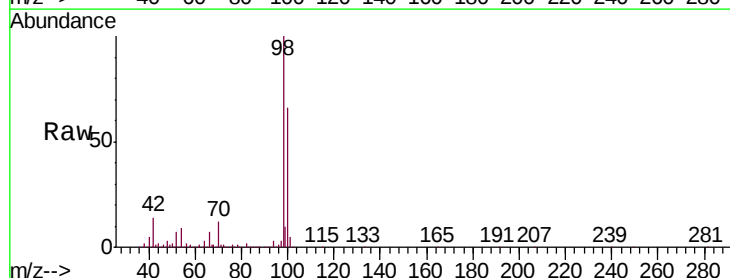
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

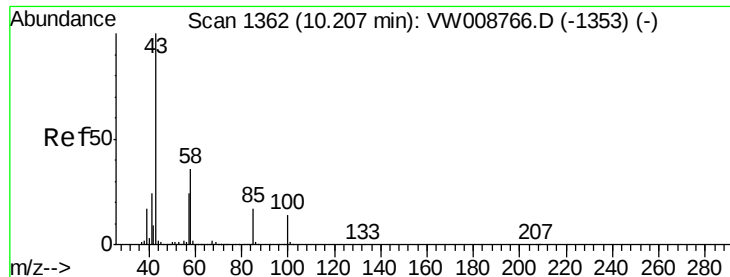
Tgt Ion: 88 Resp: 10431
Ion Ratio Lower Upper
88 100
43 38.0 29.0 43.4
58 69.6 52.0 78.0



#50
Toluene-d8
Concen: 52.385 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 98 Resp: 568174
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

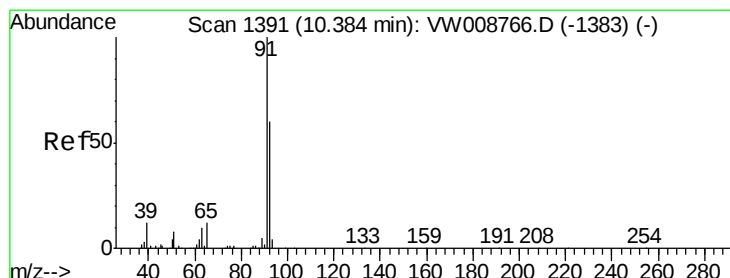
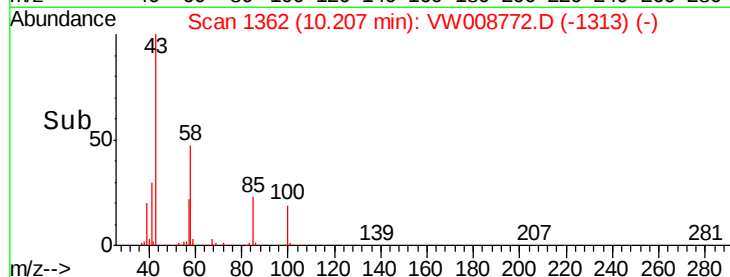
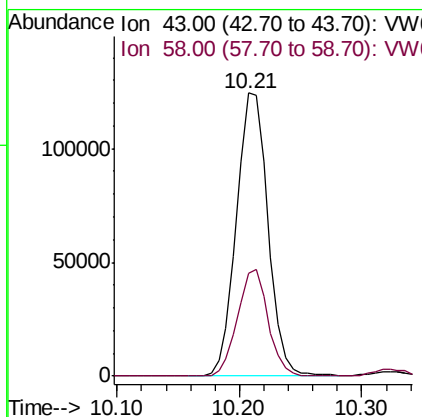
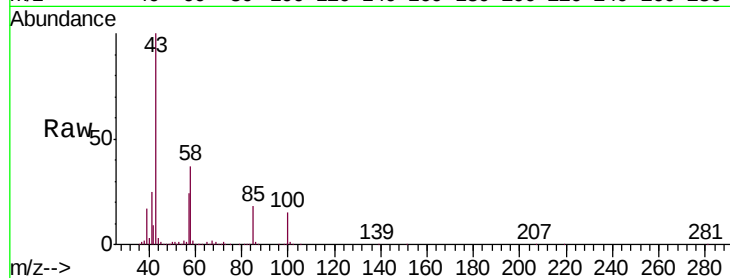




#51
 4-Methyl-2-Pentanone
 Concen: 103.427 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

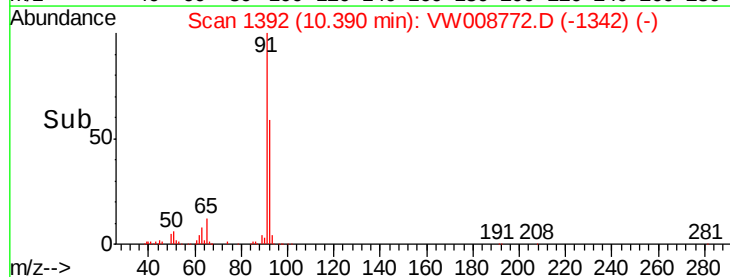
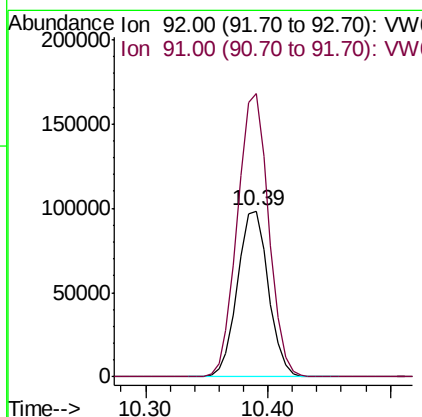
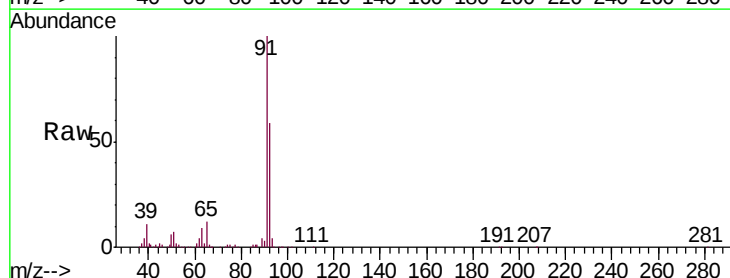
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

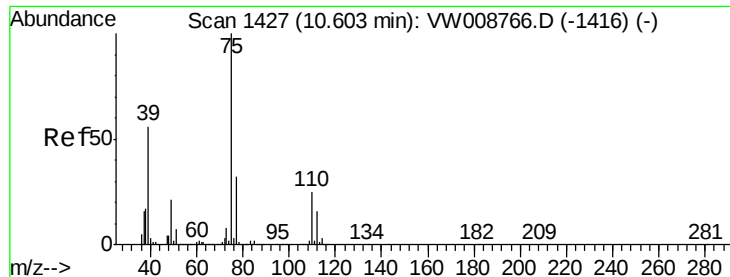
Tgt Ion: 43 Resp: 221995
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.1 43.7



#52
 Toluene
 Concen: 20.495 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 92 Resp: 172993
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.474 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

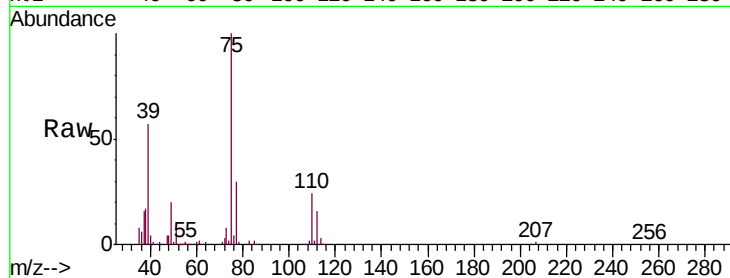
VW0221SBSD01

Tgt Ion: 75 Resp: 91037

Ion Ratio Lower Upper

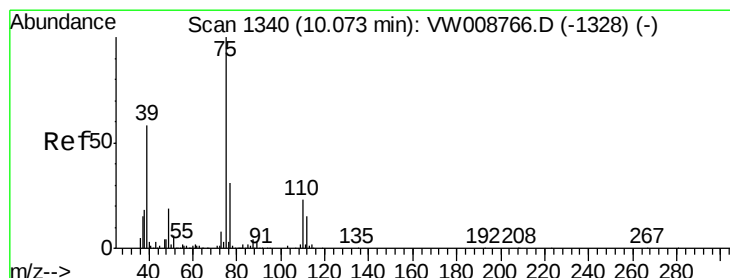
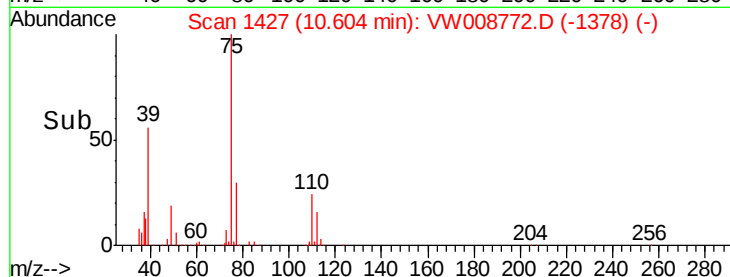
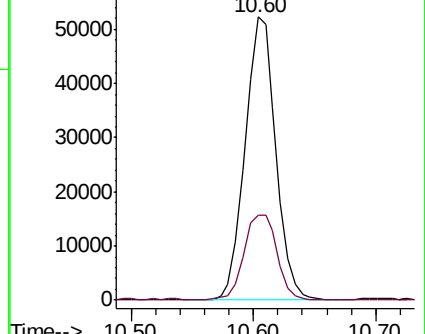
75 100

77 29.7 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.708 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

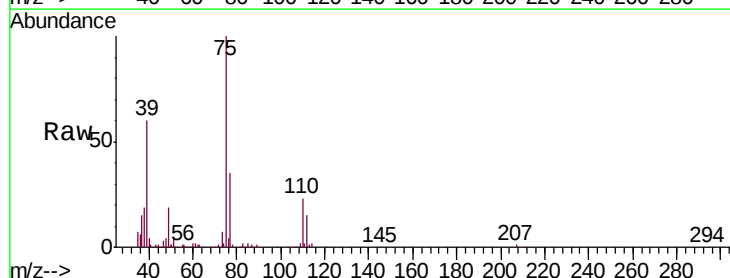
Tgt Ion: 75 Resp: 104961

Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.4

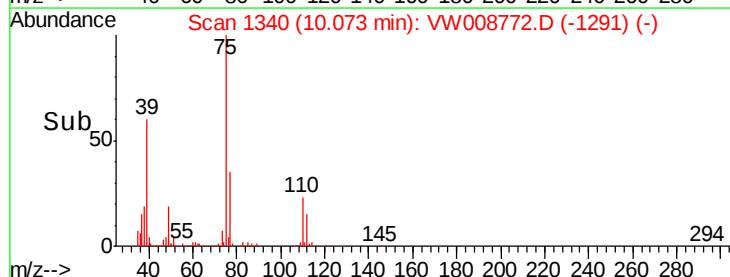
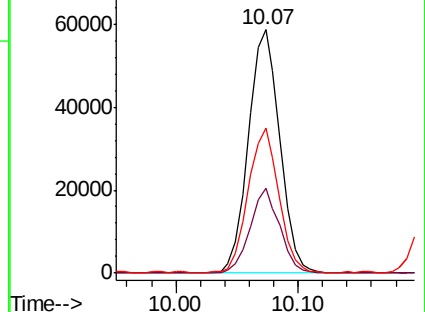
39 59.2 46.6 70.0

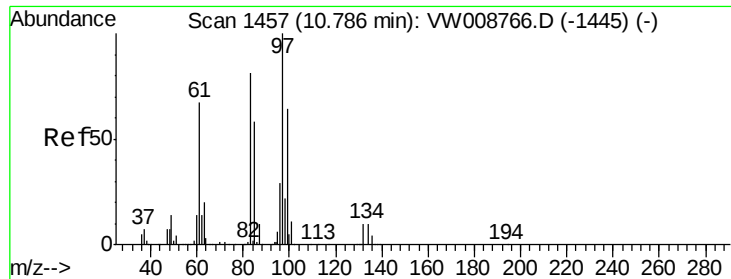


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

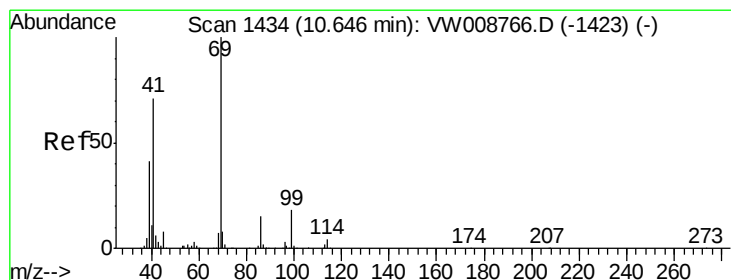
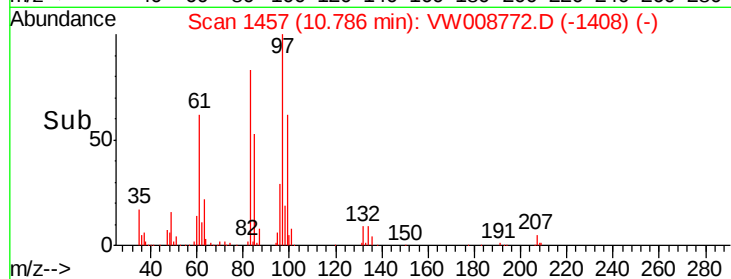
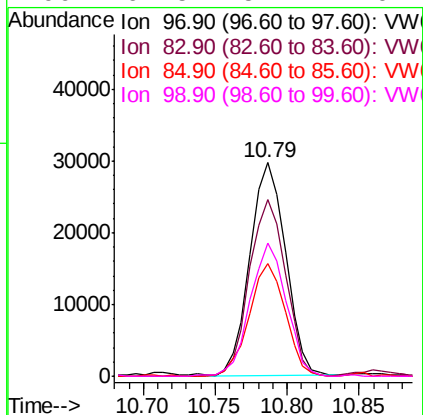
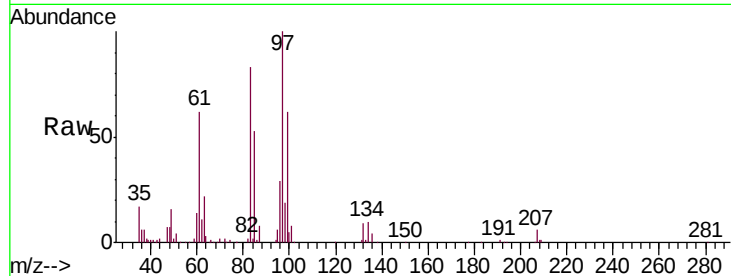




#55
1,1,2-Trichloroethane
Concen: 22.072 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

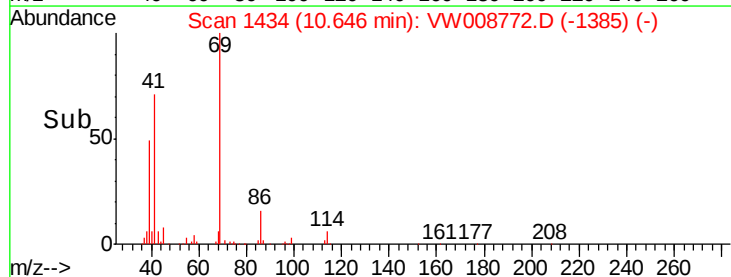
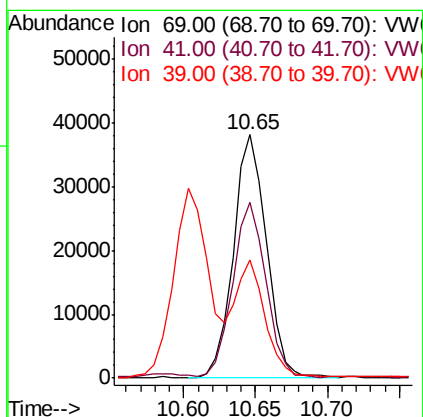
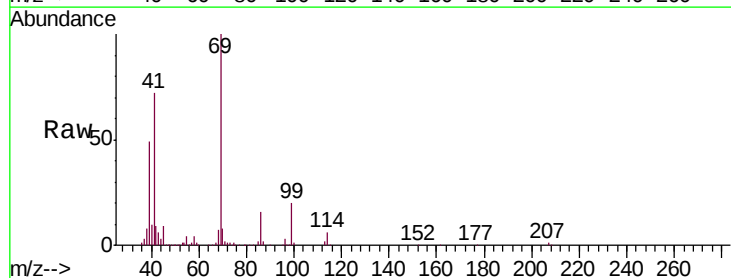
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

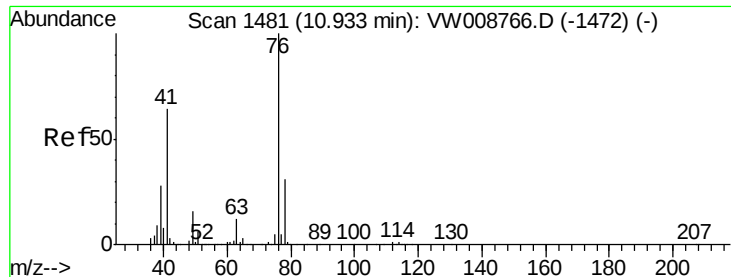
Tgt Ion:	97	Resp:	51172
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.0	97.6
85	53.2	46.0	69.0
99	62.5	51.1	76.7



#56
Ethyl methacrylate
Concen: 20.278 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:	69	Resp:	61079
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.4	86.0
39	43.2	34.8	52.2

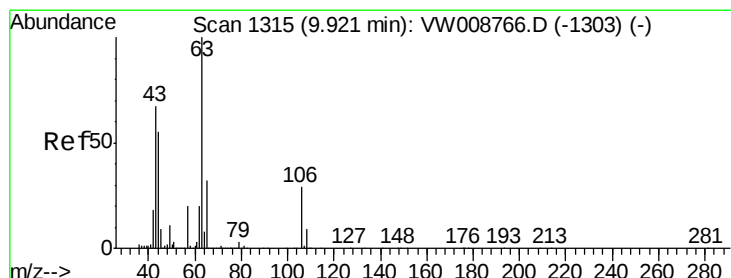
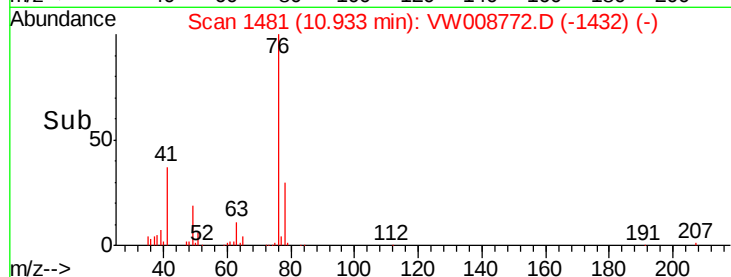
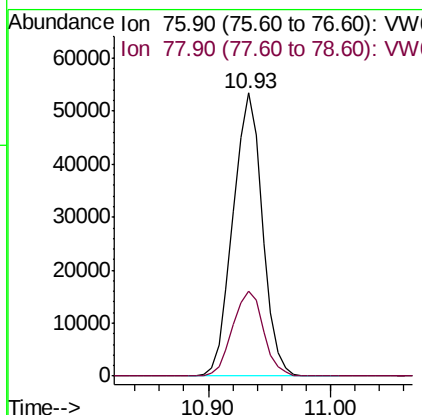
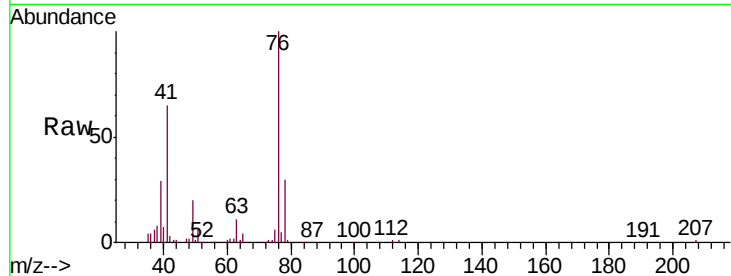




#57
 1,3-Dichloropropane
 Concen: 21.680 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

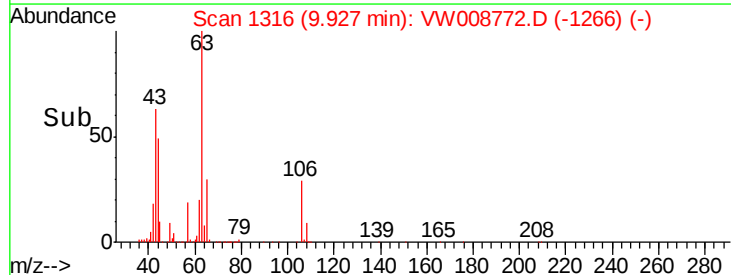
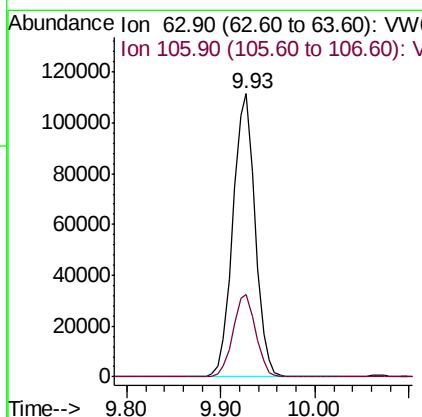
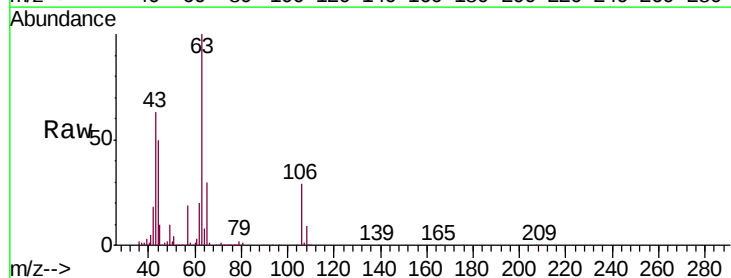
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

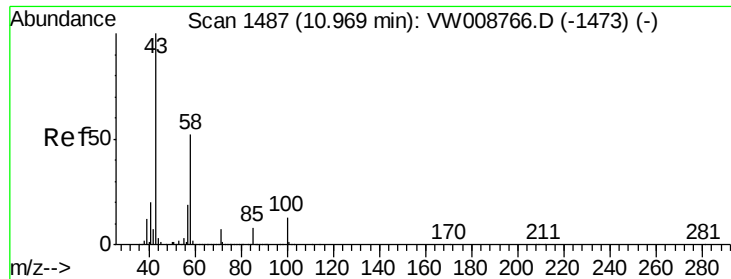
Tgt Ion: 76 Resp: 88745
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.855 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 63 Resp: 183086
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.0 36.0

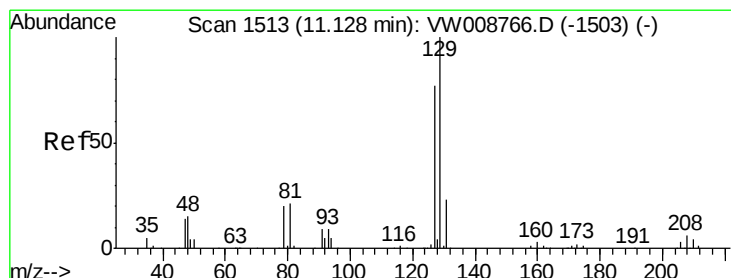
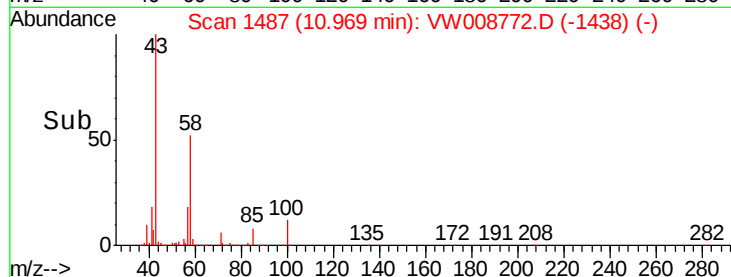
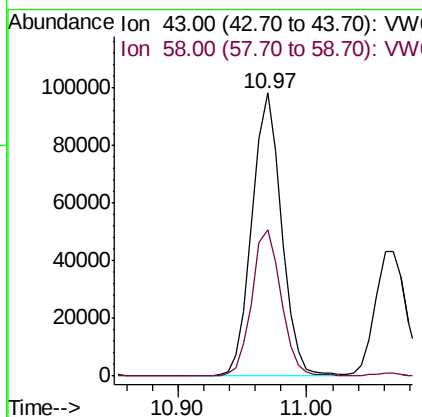
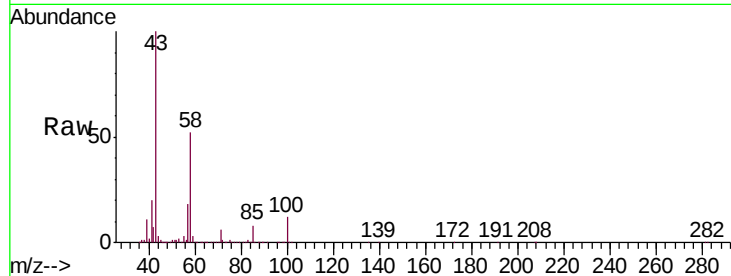




#59
2-Hexanone
Concen: 101.178 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

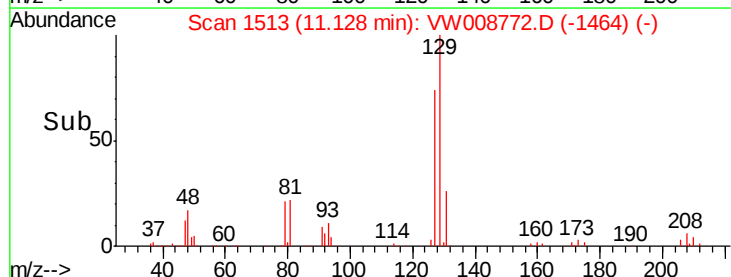
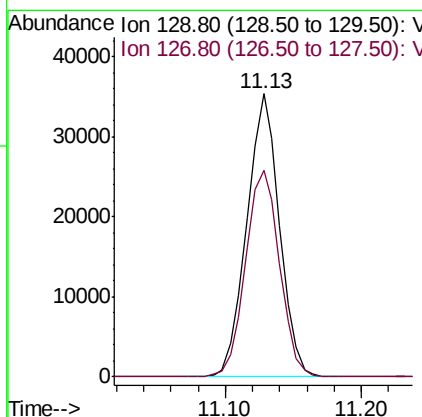
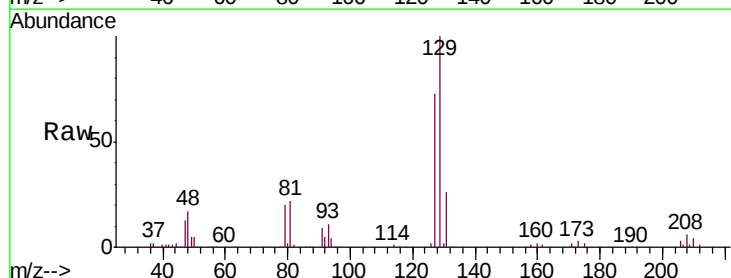
Instrument :
MSVOA_W
ClientSampled :
VW0221SBSD01

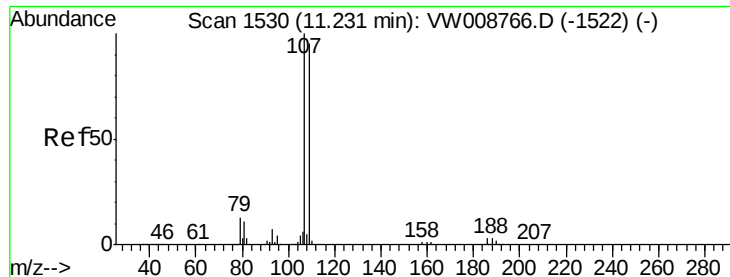
Tgt Ion: 43 Resp: 154589
Ion Ratio Lower Upper
43 100
58 51.5 25.3 75.8



#60
Dibromochloromethane
Concen: 21.010 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 129 Resp: 59412
Ion Ratio Lower Upper
129 100
127 75.9 39.0 116.9

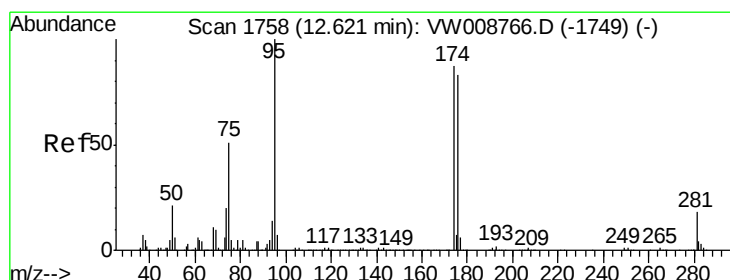
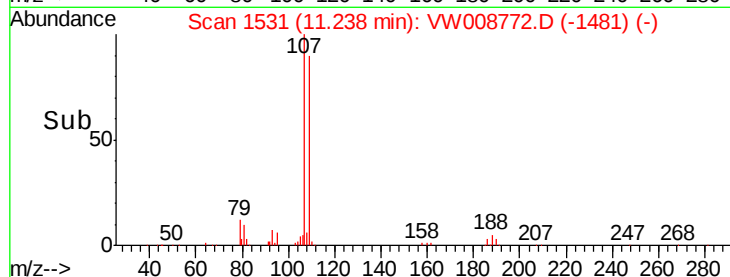
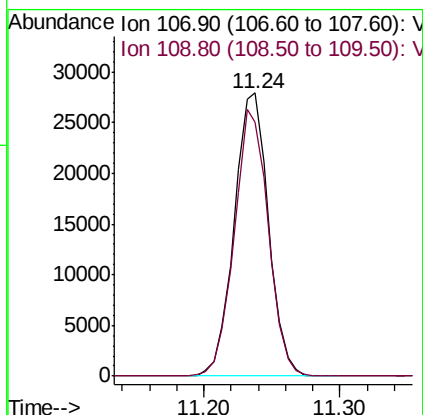
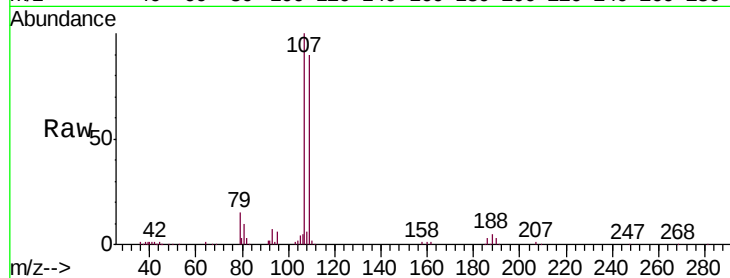




#61
 1,2-Dibromoethane
 Concen: 21.355 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

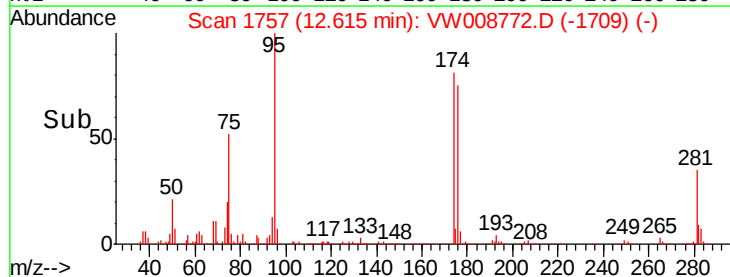
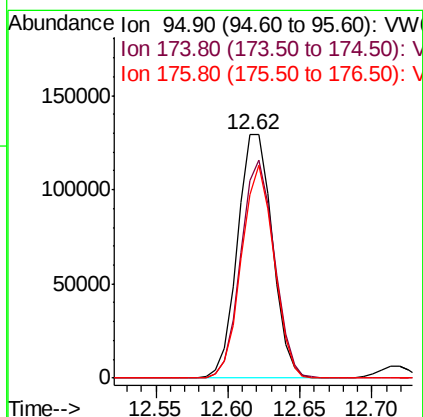
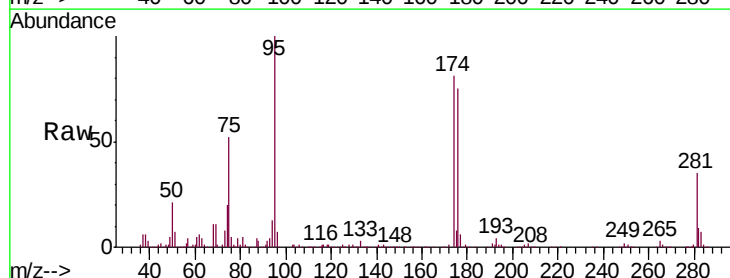
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

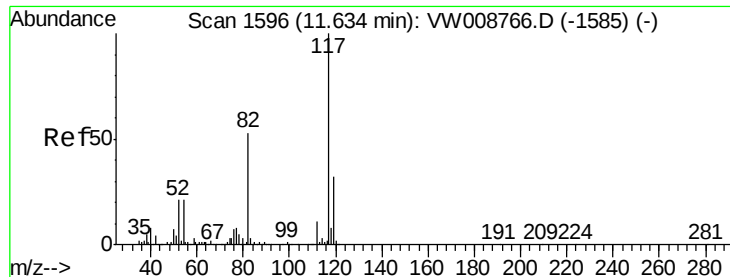
Tgt Ion: 107 Resp: 49007
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.218 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 95 Resp: 217505
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 169.2
 176 81.8 0.0 163.6

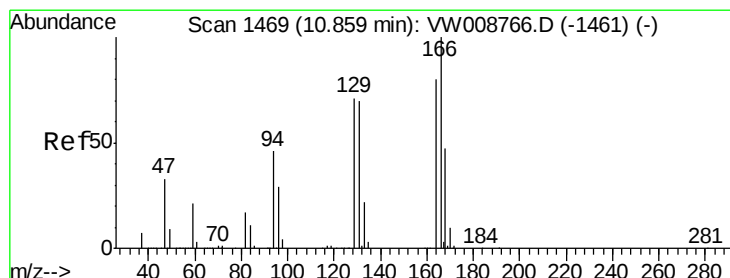
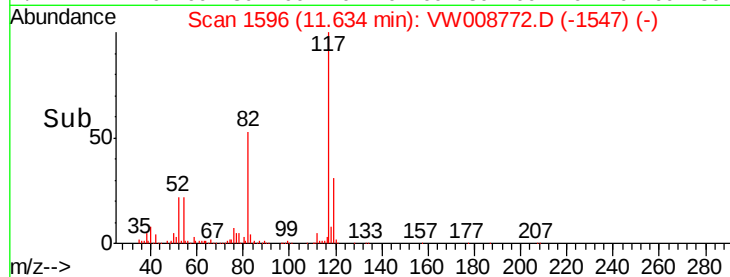
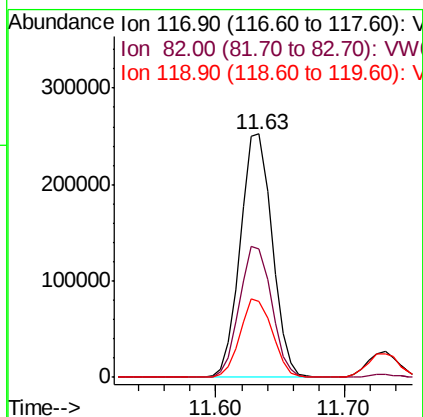
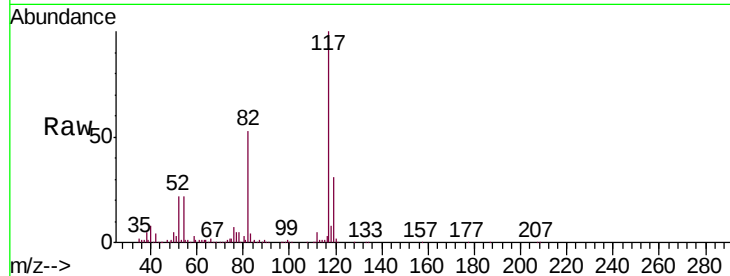




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

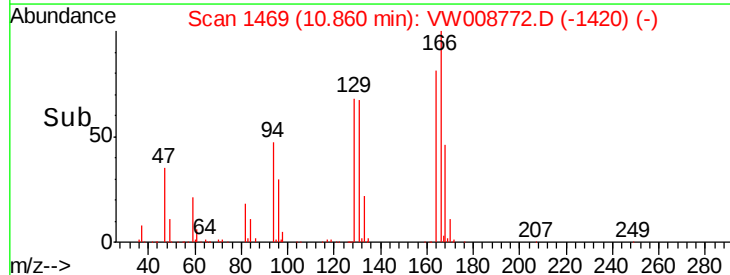
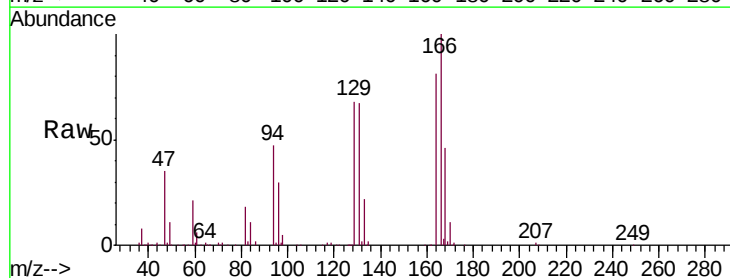
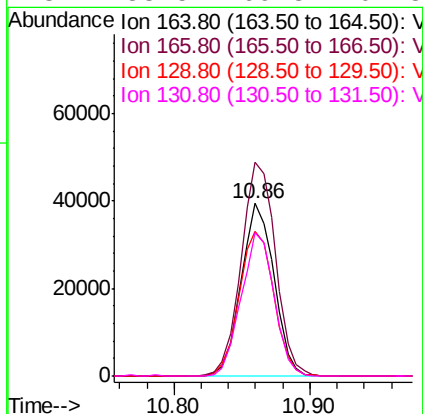
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

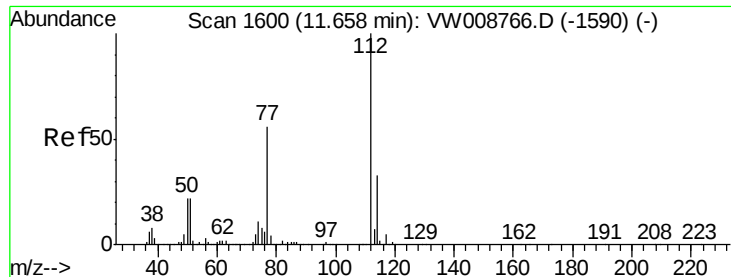
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.2	63.4
119	31.4	25.9	38.9



#64
Tetrachloroethene
Concen: 21.479 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	99.5	149.3
129	84.2	71.1	106.7
131	83.5	69.8	104.8

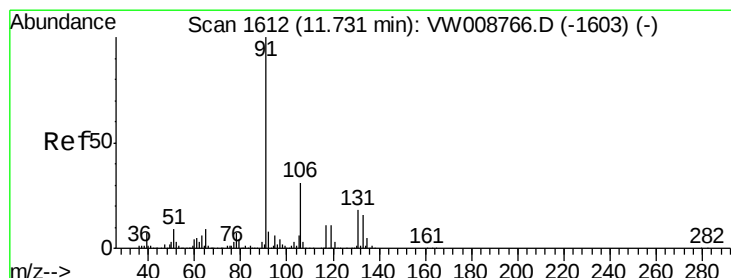
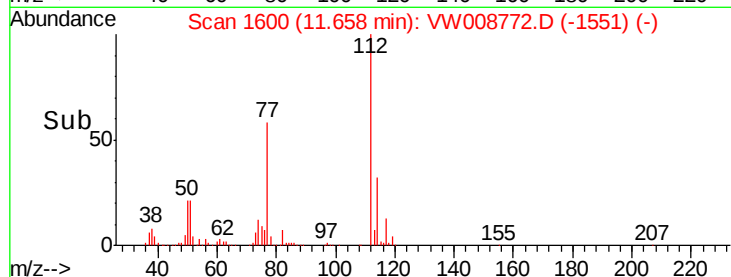
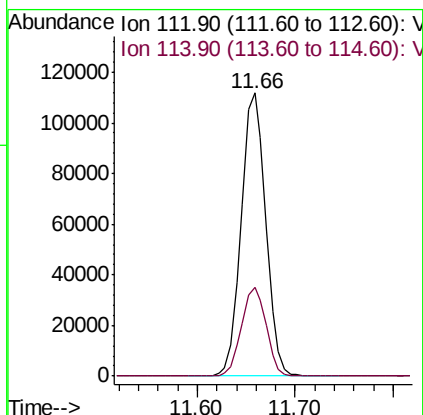
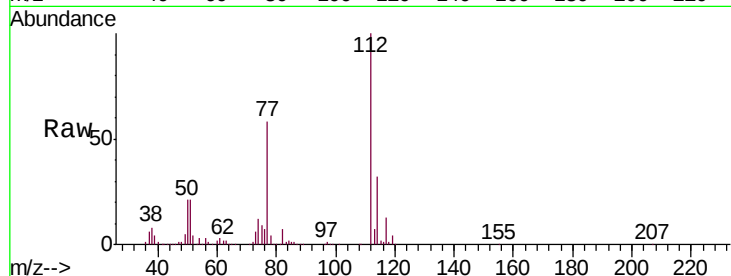




#65
Chlorobenzene
Concen: 21.297 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

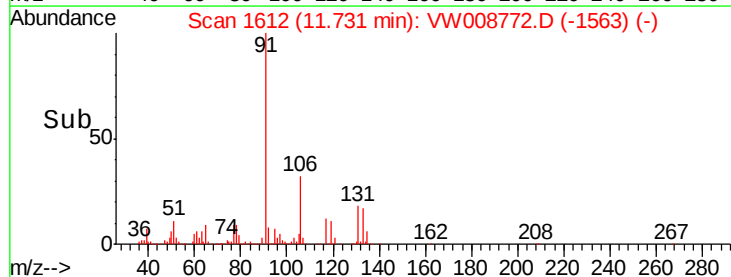
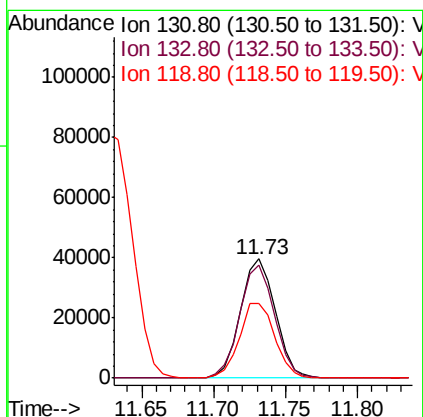
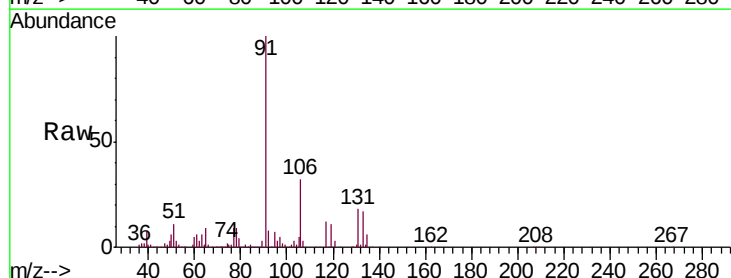
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

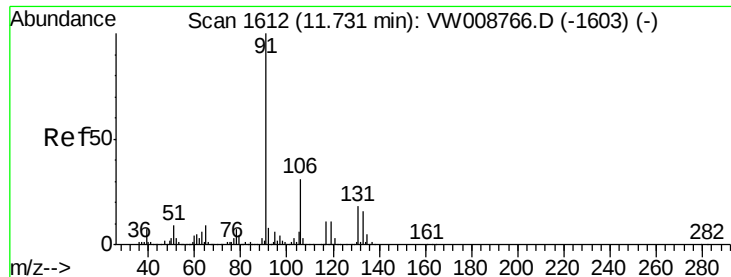
Tgt Ion:112 Resp: 194017
Ion Ratio Lower Upper
112 100
114 31.5 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.614 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:131 Resp: 66578
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 64.0 30.8 92.4

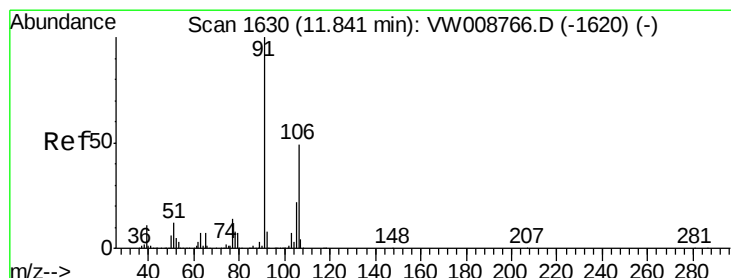
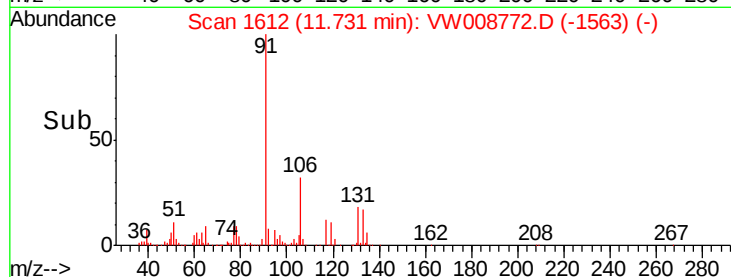
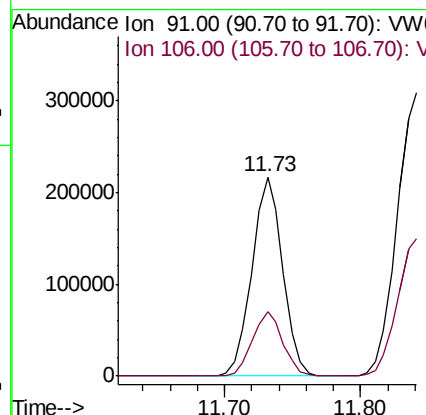
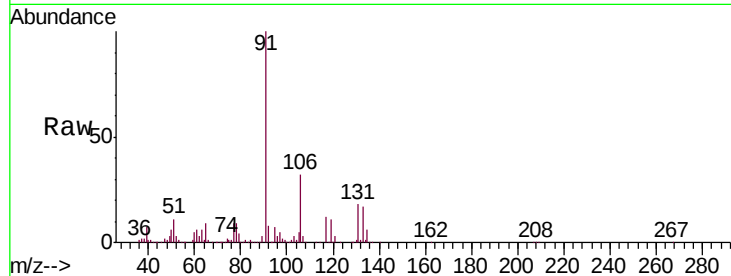




#67
Ethyl Benzene
Concen: 21.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

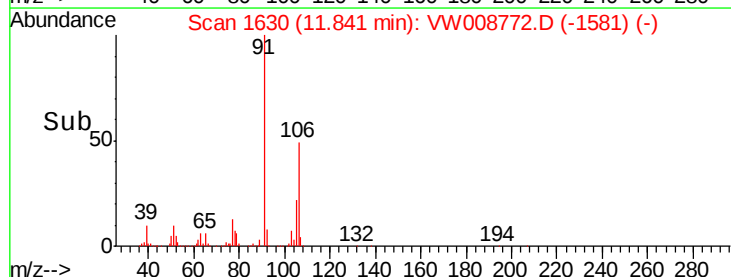
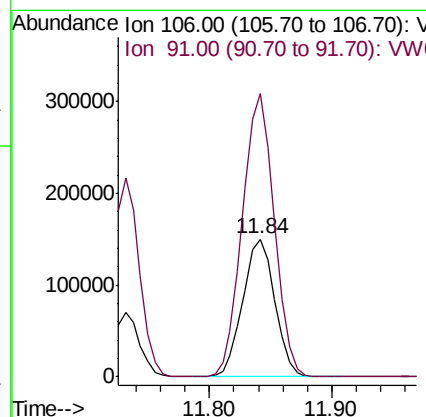
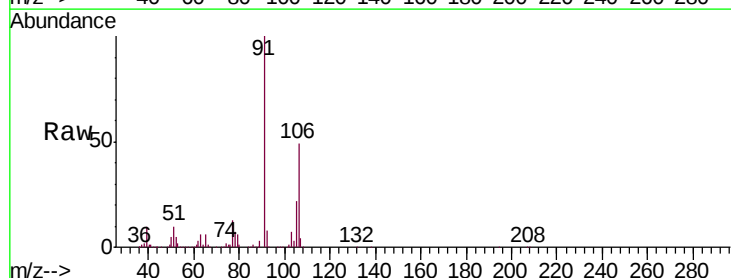
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBS01

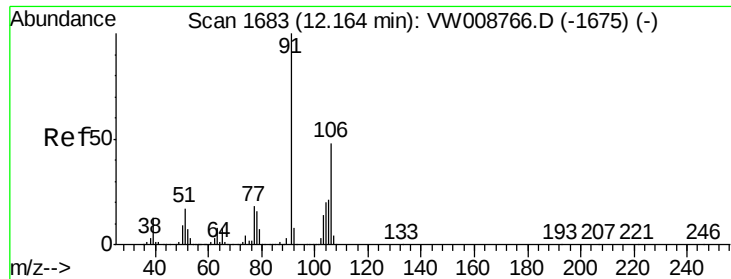
Tgt Ion: 91 Resp: 343528
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 42.056 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 106 Resp: 273663
Ion Ratio Lower Upper
106 100
91 204.1 161.5 242.3

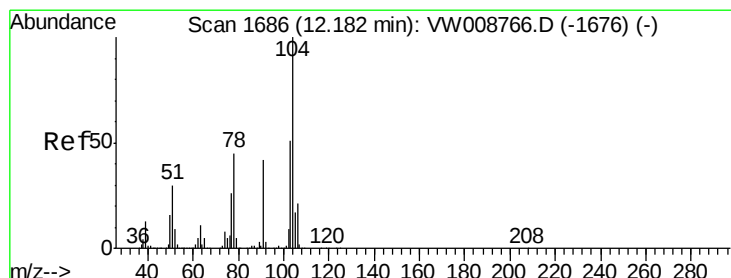
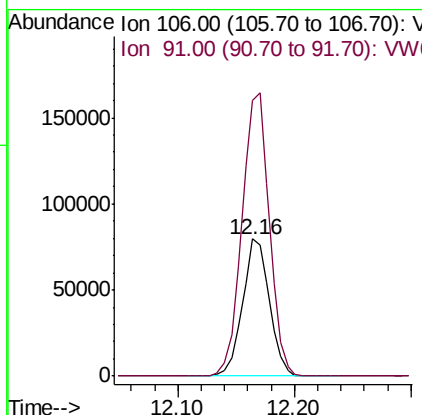
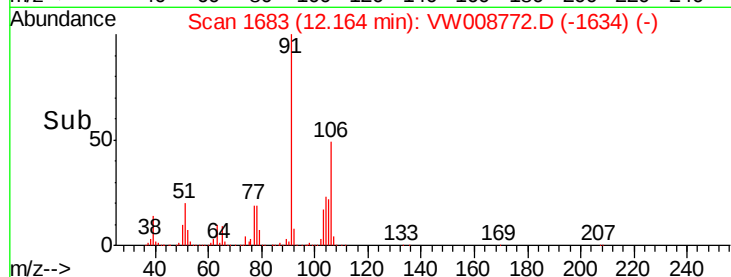
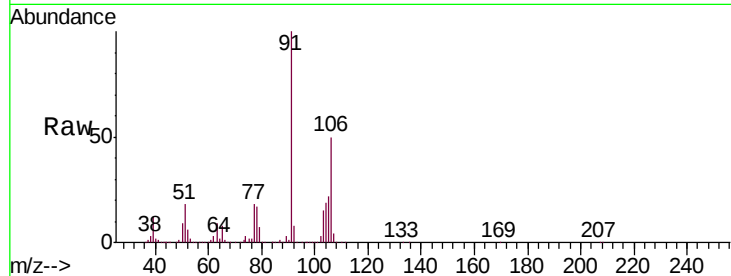




#69
o-Xylene
Concen: 20.906 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

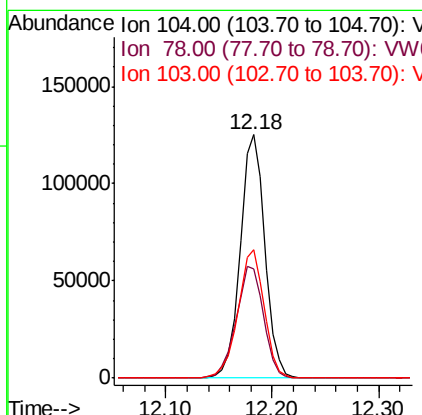
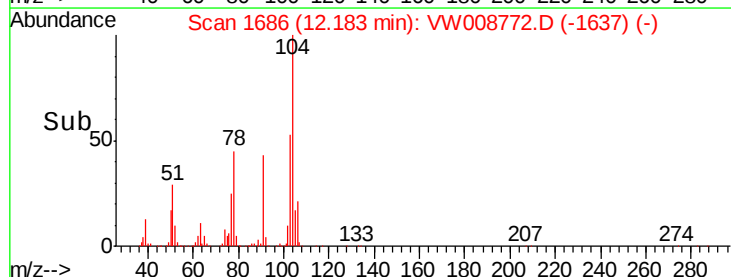
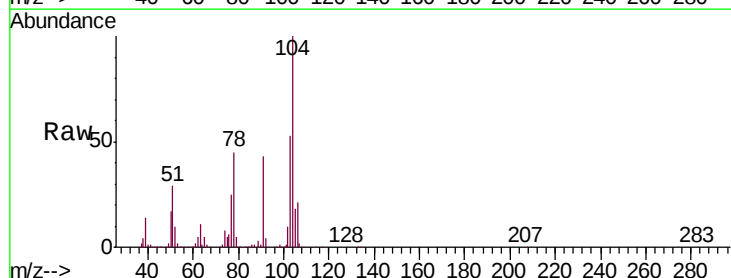
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

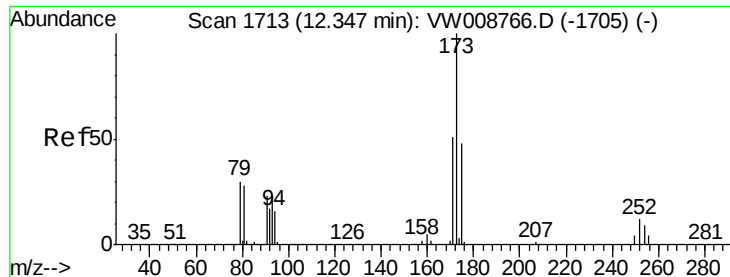
Tgt Ion:106 Resp: 127687
Ion Ratio Lower Upper
106 100
91 210.9 106.2 318.6



#70
Styrene
Concen: 20.661 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:104 Resp: 203013
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 56.0 44.2 66.2

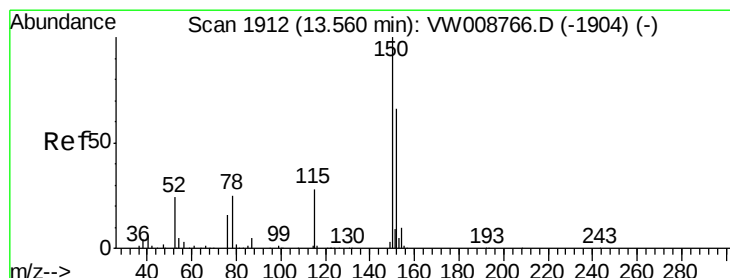
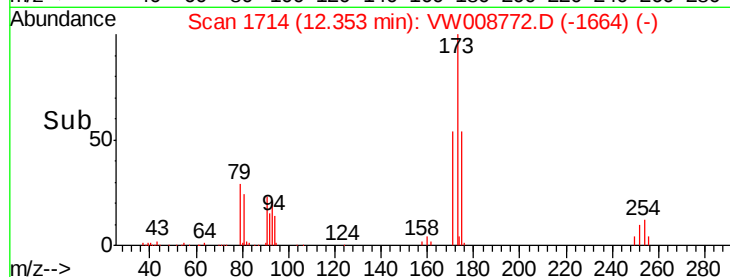
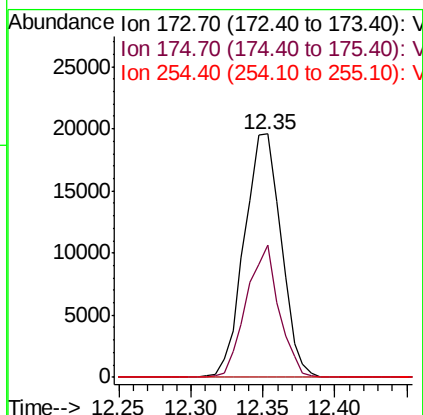
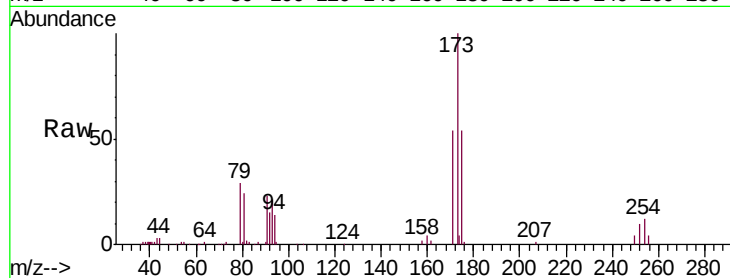




#71
Bromoform
Concen: 20.984 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

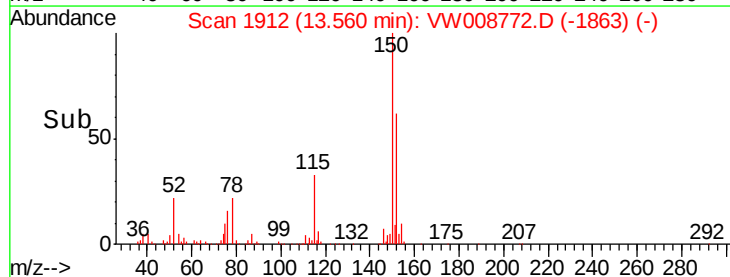
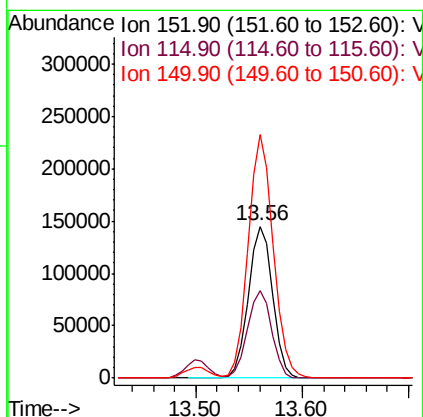
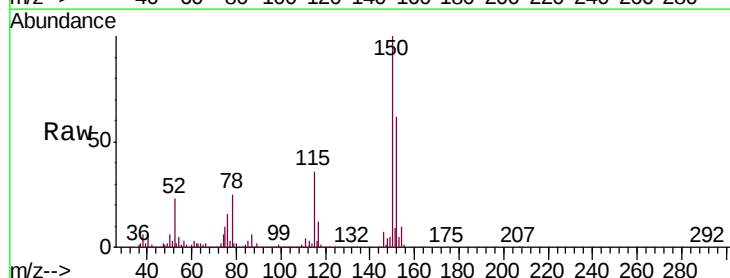
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

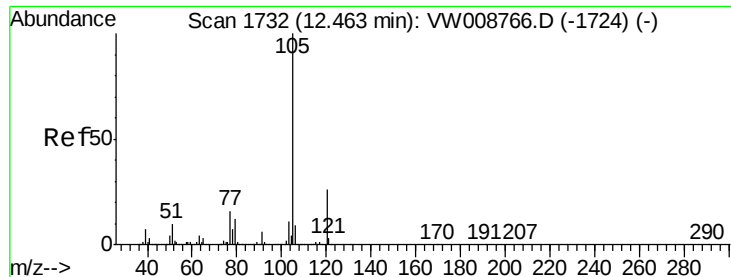
Tgt Ion:173 Resp: 34745
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:152 Resp: 231609
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.8
150 165.6 0.0 348.0





#73

Isopropylbenzene

Concen: 22.136 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

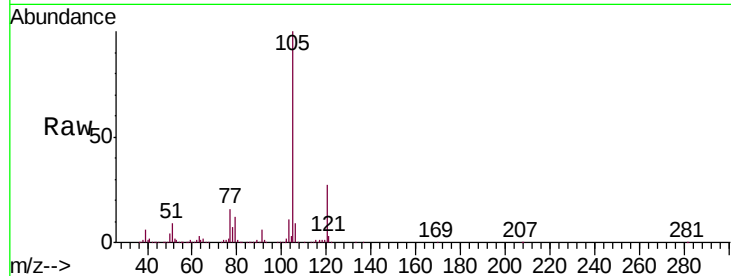
VW0221SBSD01

Tgt Ion: 105 Resp: 351463

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

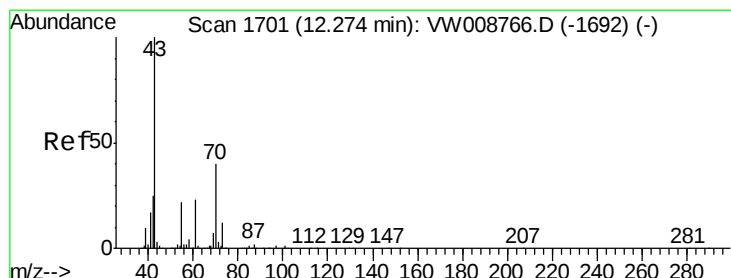
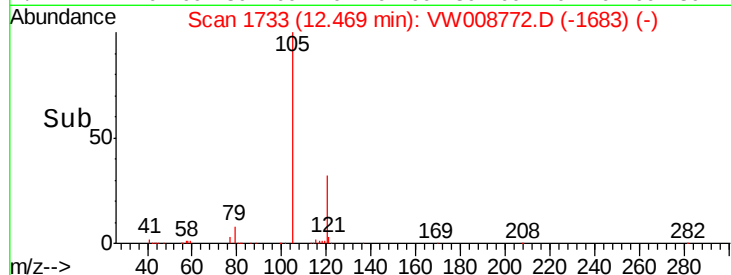
100000

50000

0

12.40 12.50

Time-->



#74

N-ethyl acetate

Concen: 20.520 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Tgt Ion: 43 Resp: 82069

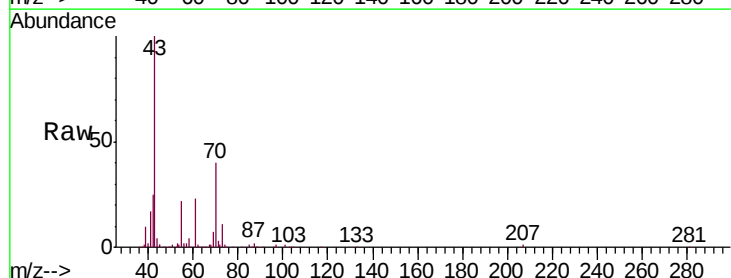
Ion Ratio Lower Upper

43 100

70 39.6 31.0 46.6

55 22.6 18.7 28.1

61 22.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

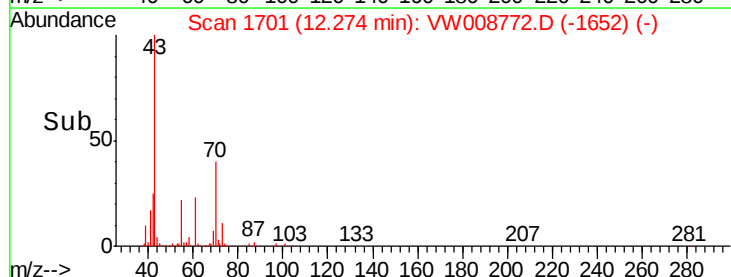
40000

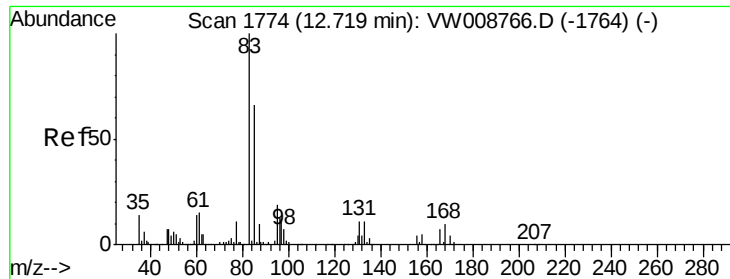
20000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.695 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

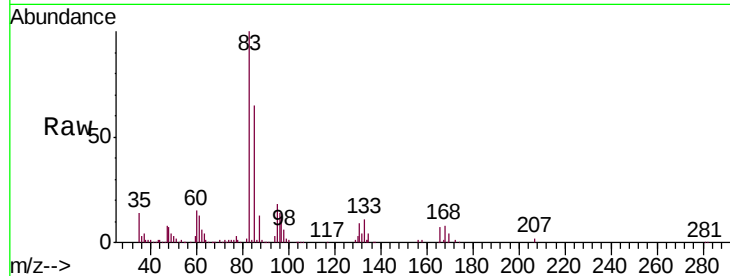
Tgt Ion: 83 Resp: 56285

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

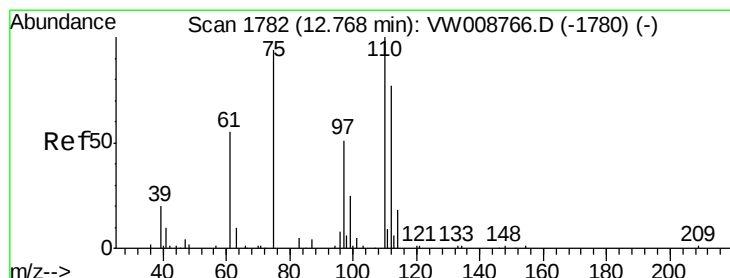
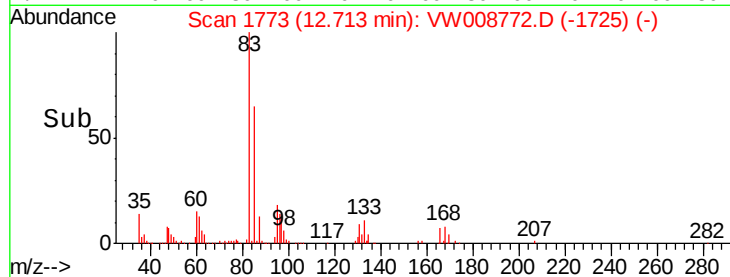
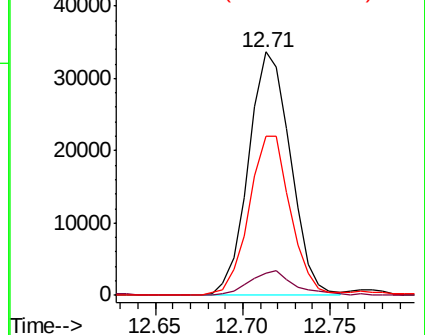
85 64.4 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 40.067 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008772.D

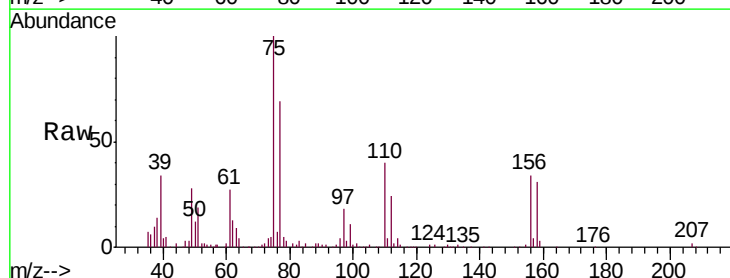
Acq: 21 Feb 2019 16:21

Tgt Ion: 75 Resp: 76618

Ion Ratio Lower Upper

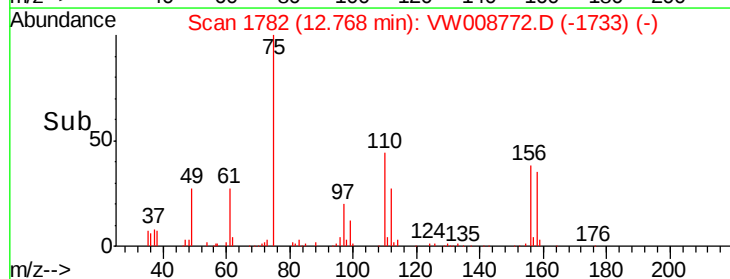
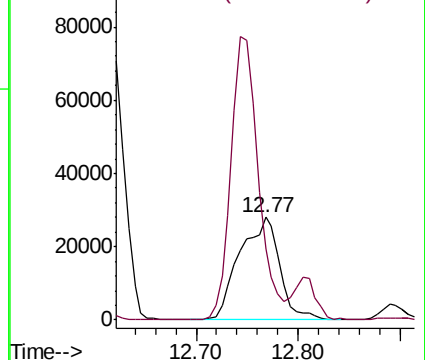
75 100

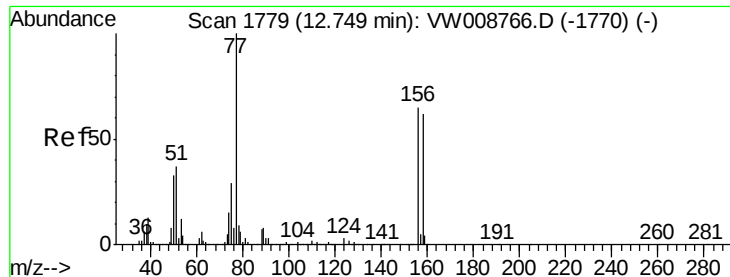
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.756 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

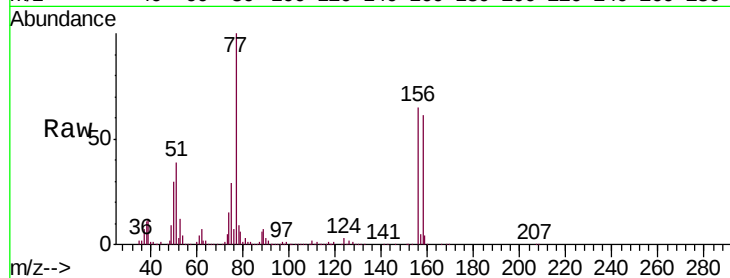
Tgt Ion:156 Resp: 81632

Ion Ratio Lower Upper

156 100

77 176.4 89.1 267.4

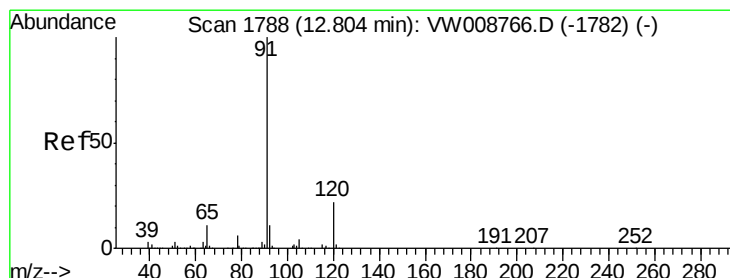
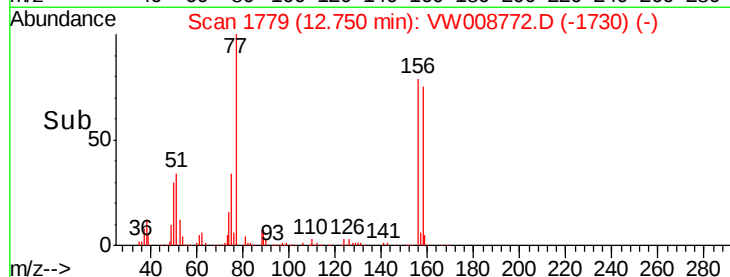
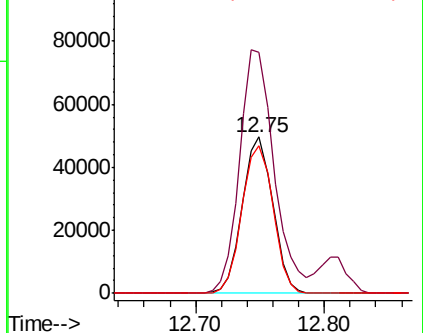
158 96.3 49.2 147.6



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: 22.095 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008772.D

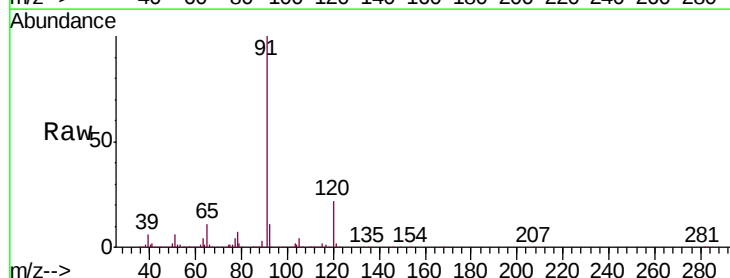
Acq: 21 Feb 2019 16:21

Tgt Ion: 91 Resp: 429129

Ion Ratio Lower Upper

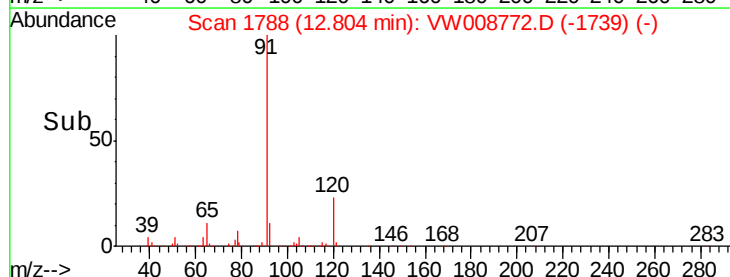
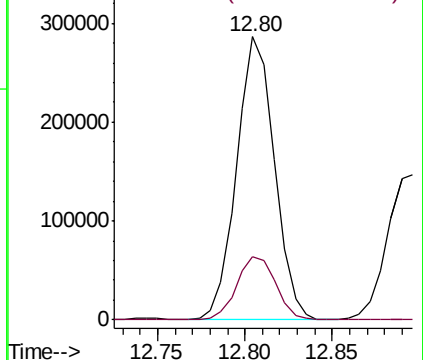
91 100

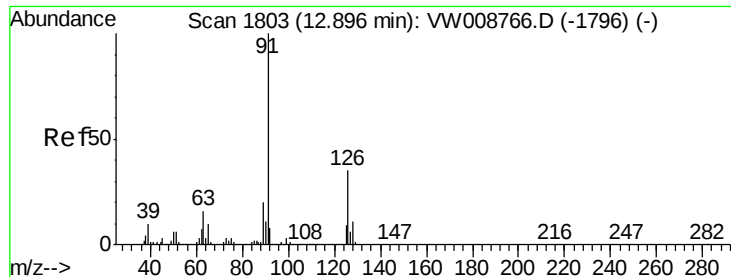
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

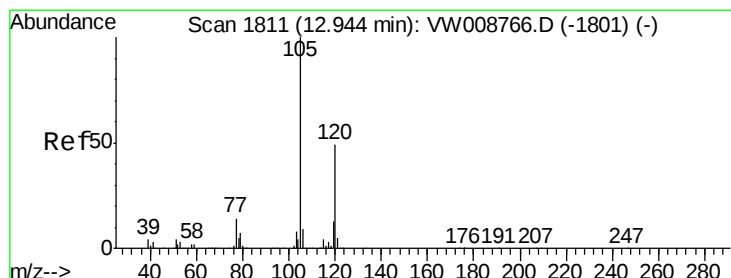
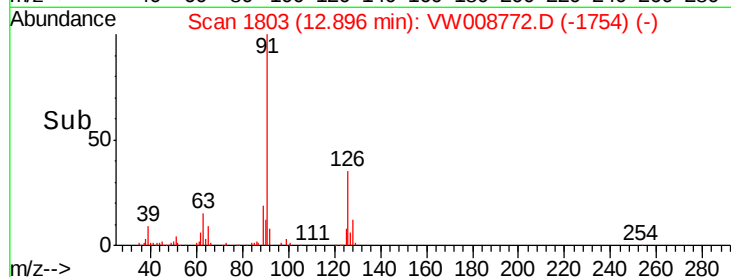
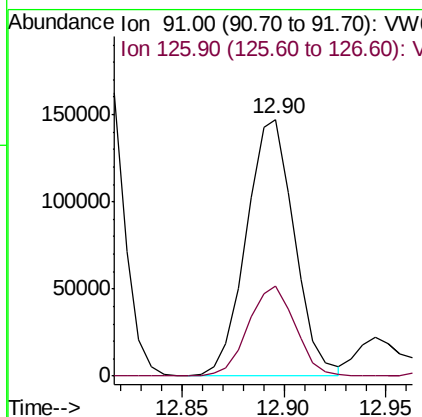
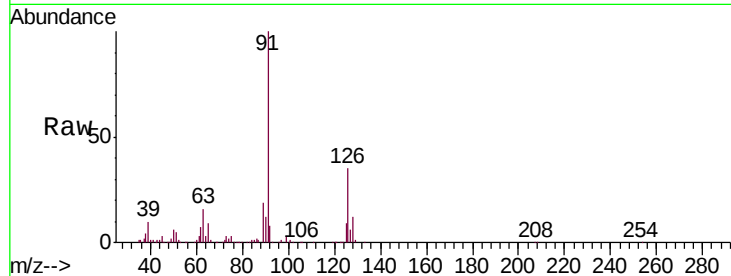




#79
 2-Chlorotoluene
 Concen: 21.808 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

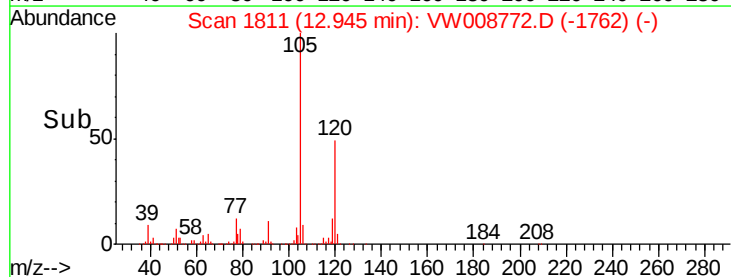
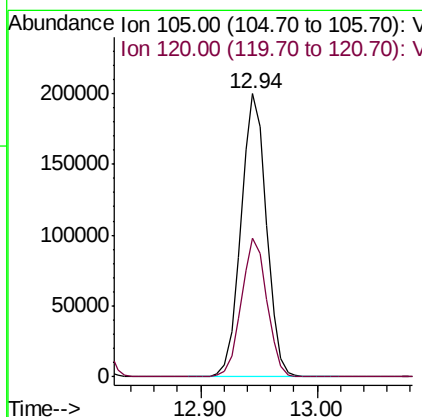
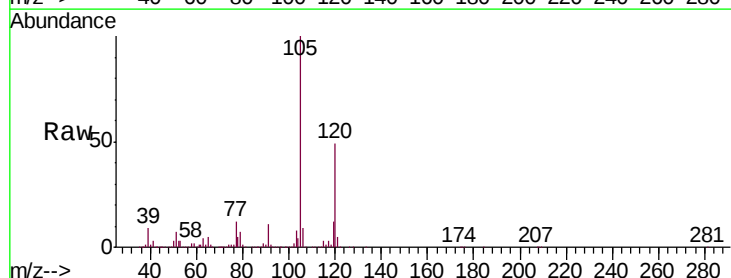
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBS01

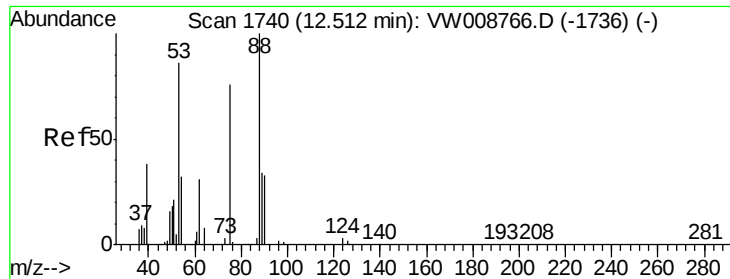
Tgt Ion: 91 Resp: 240476
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.072 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion: 105 Resp: 304555
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.313 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

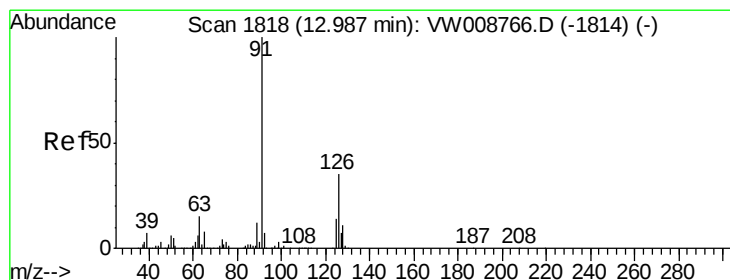
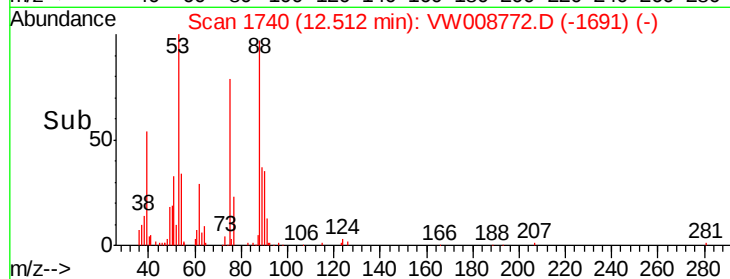
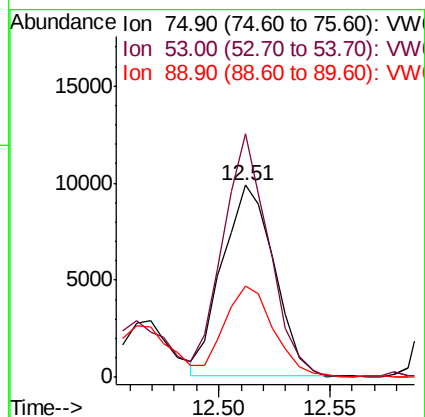
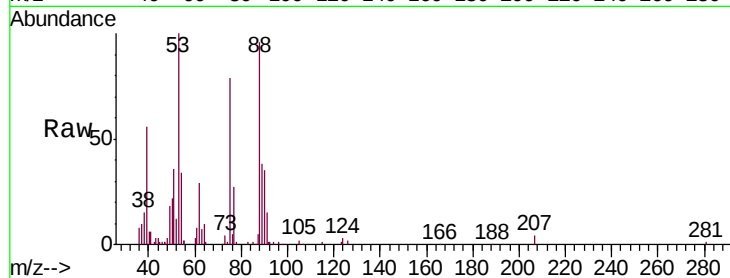
Tgt Ion: 75 Resp: 15978

Ion Ratio Lower Upper

75 100

53 113.4 88.2 132.2

89 46.0 39.5 59.3



#82

4-Chlorotoluene

Concen: 21.472 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008772.D

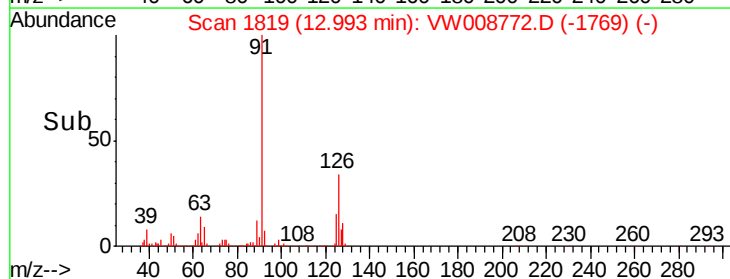
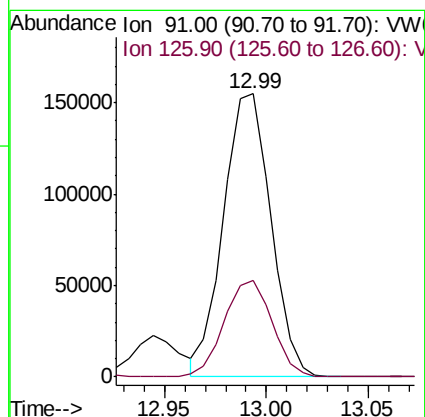
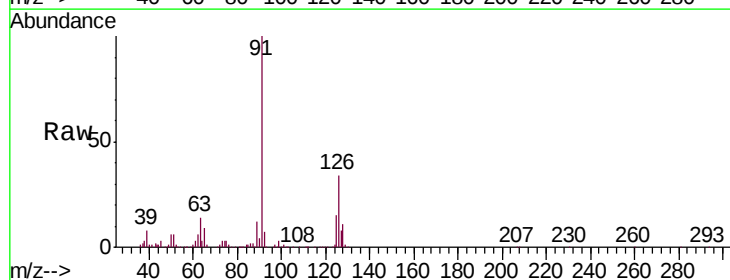
Acq: 21 Feb 2019 16:21

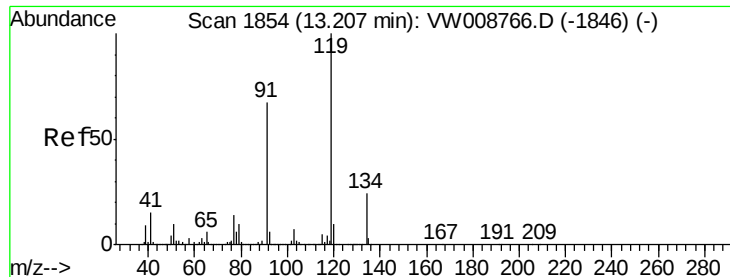
Tgt Ion: 91 Resp: 249516

Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.627 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBSD01

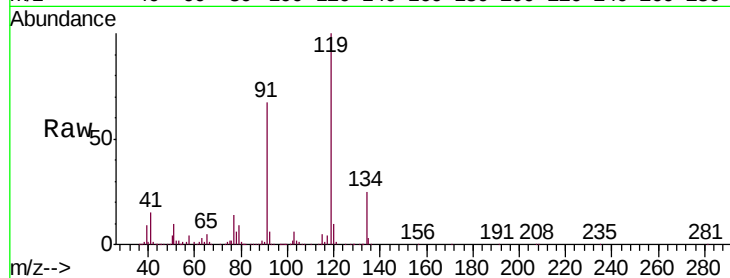
Tgt Ion:119 Resp: 258022

Ion Ratio Lower Upper

119 100

91 67.2 33.6 100.8

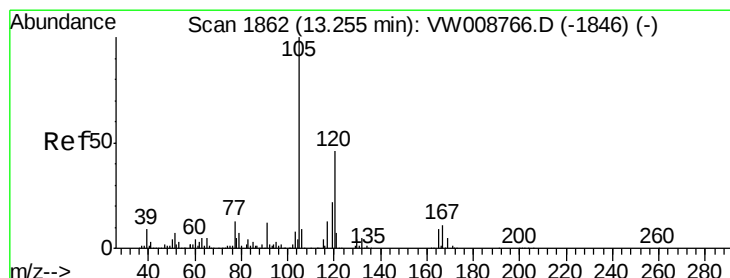
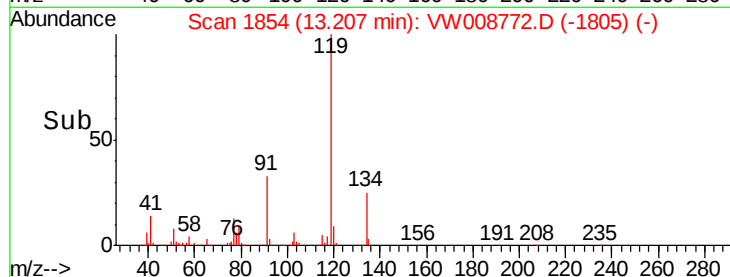
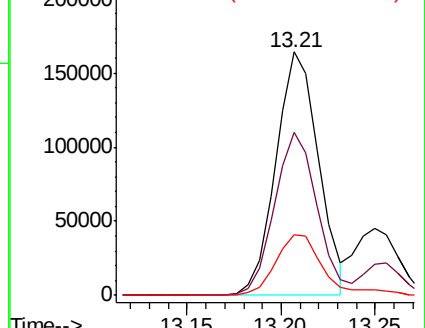
134 28.1 13.7 41.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.339 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008772.D

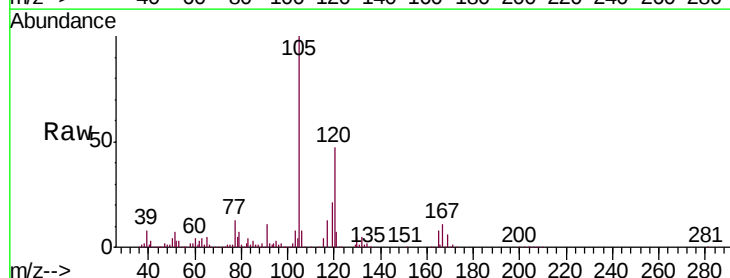
Acq: 21 Feb 2019 16:21

Tgt Ion:105 Resp: 304792

Ion Ratio Lower Upper

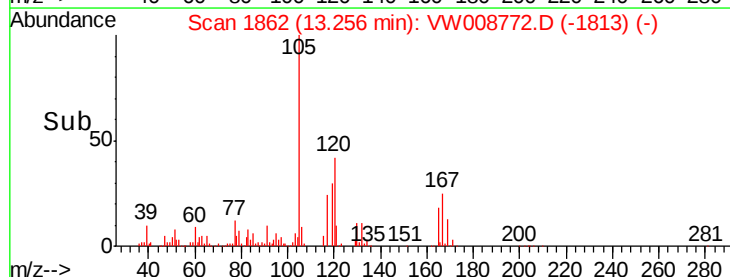
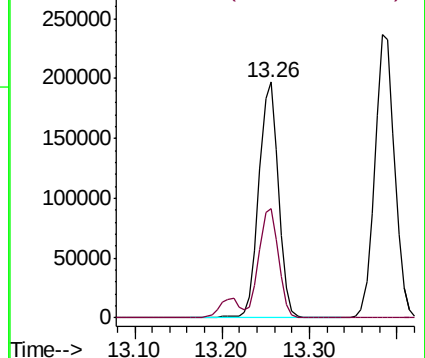
105 100

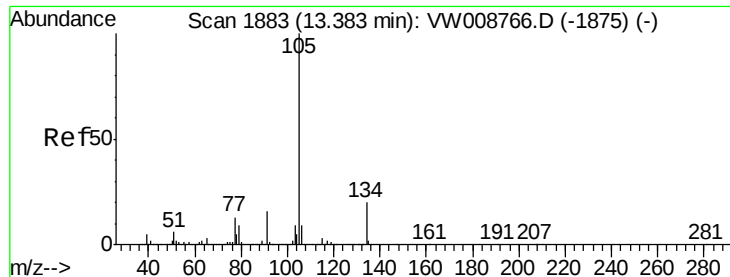
120 46.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

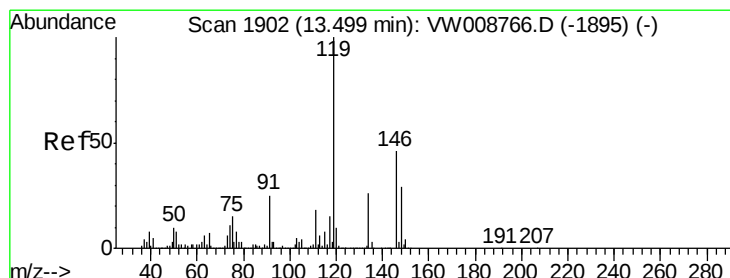
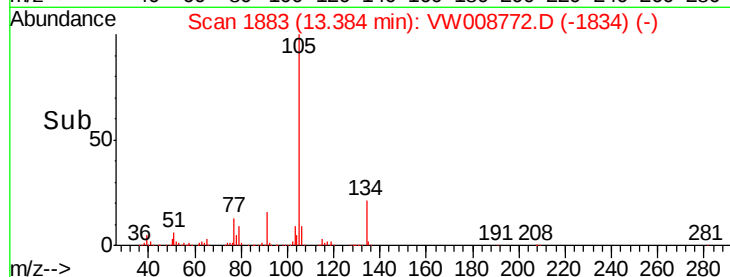
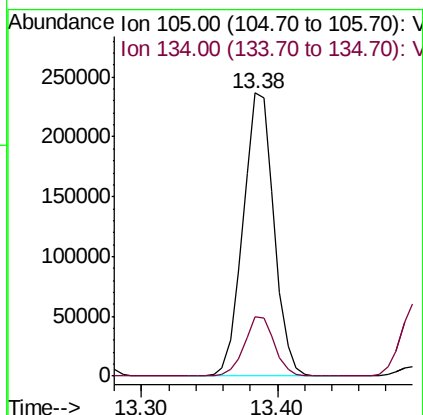
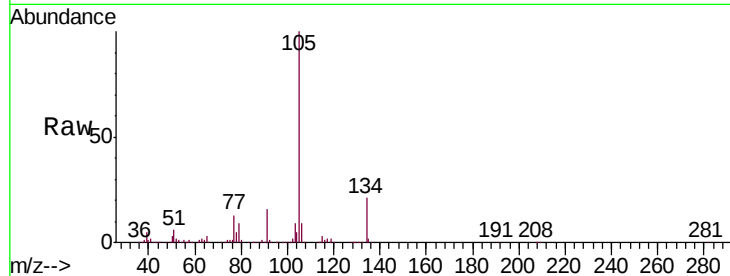




#85
 sec-Butylbenzene
 Concen: 21.821 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

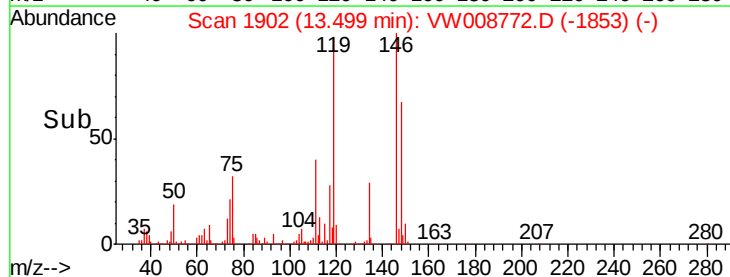
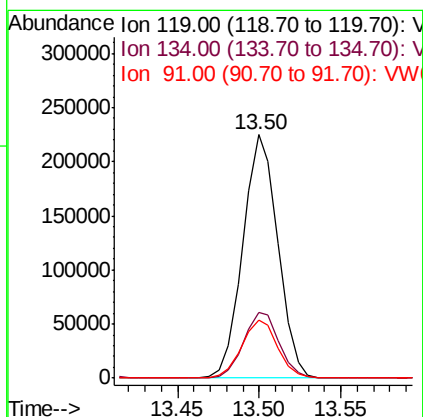
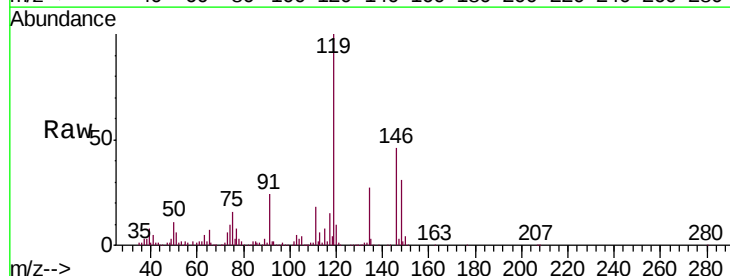
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

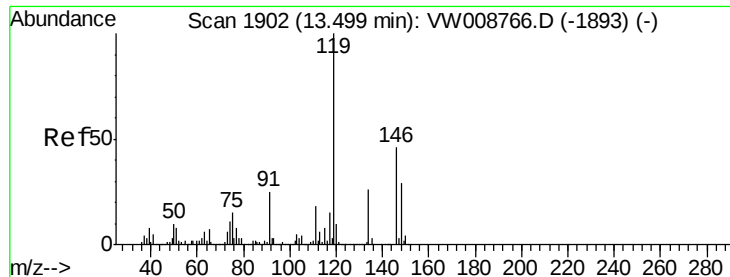
Tgt Ion:105 Resp: 374345
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.335 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion:119 Resp: 335537
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 24.2 12.1 36.3

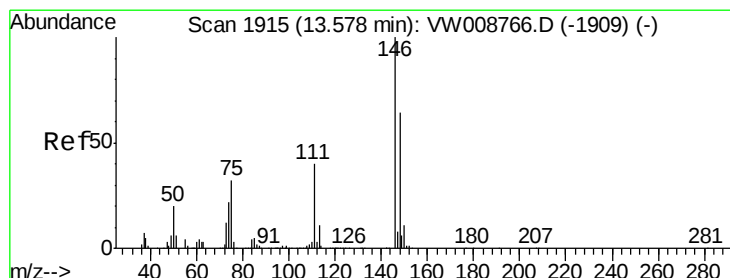
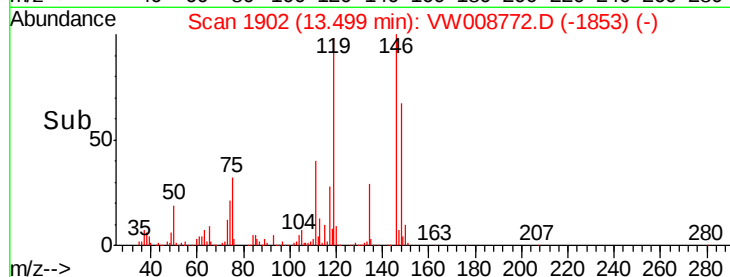
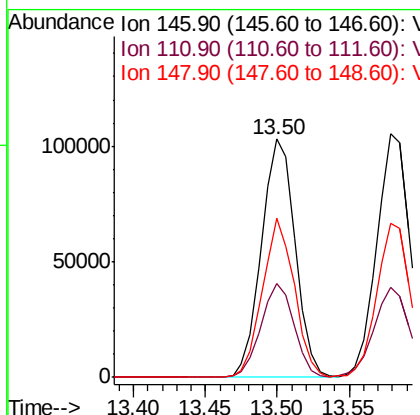
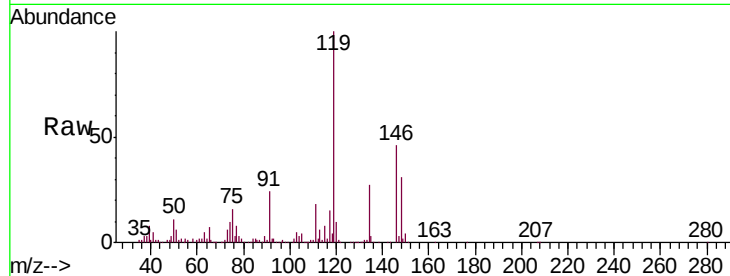




#87
 1,3-Dichlorobenzene
 Concen: 21.432 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

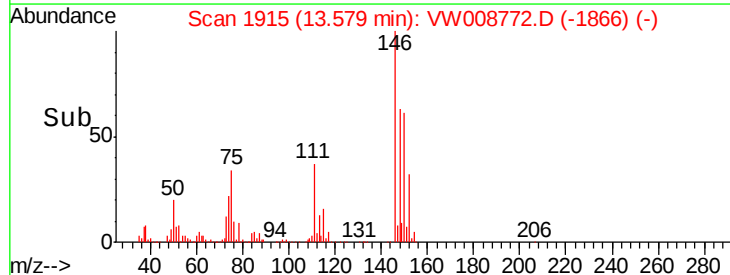
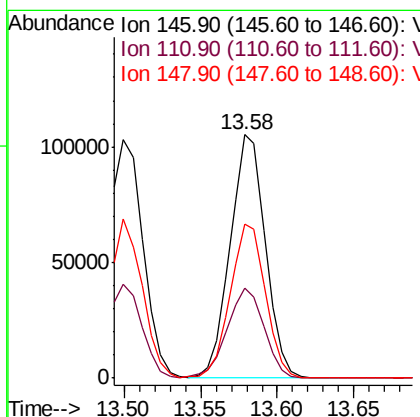
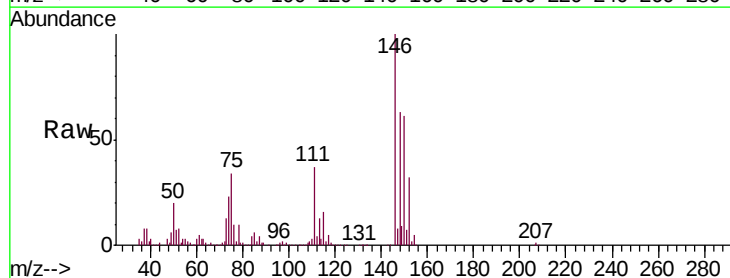
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBSD01

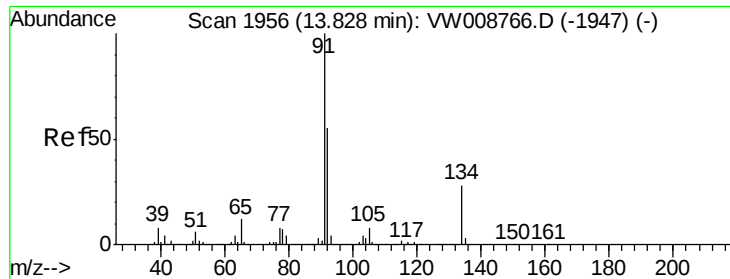
Tgt Ion:146 Resp: 166838
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.7
 148 63.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.877 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion:146 Resp: 167848
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.5 31.9 95.9

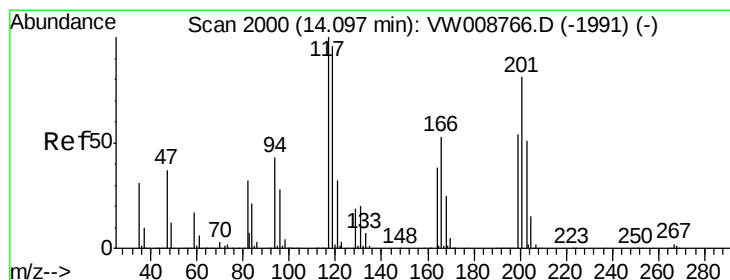
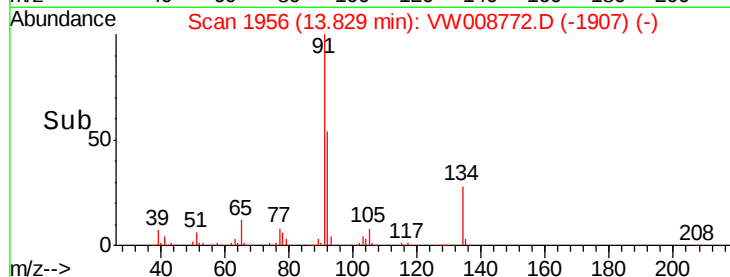
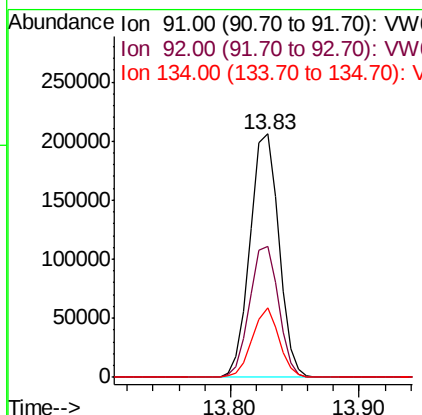
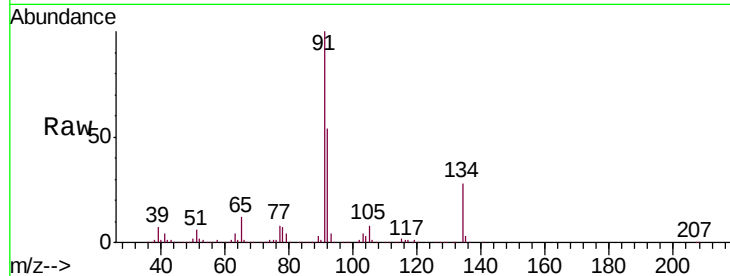




#89
n-Butylbenzene
Concen: 21.524 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

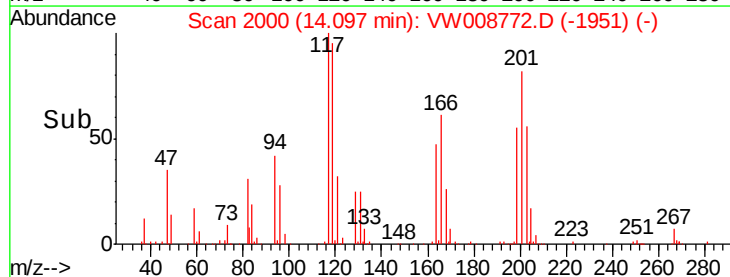
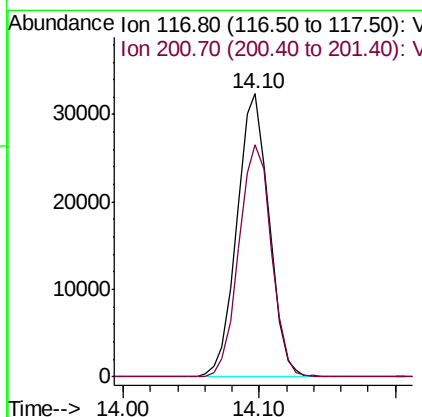
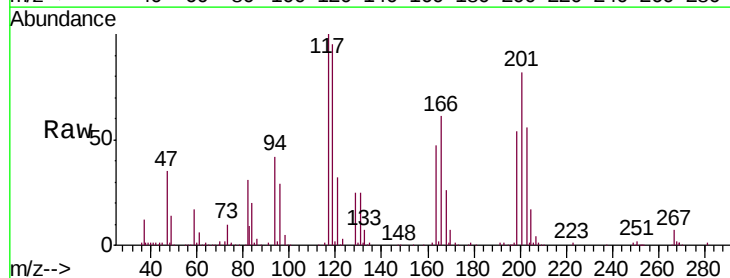
Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

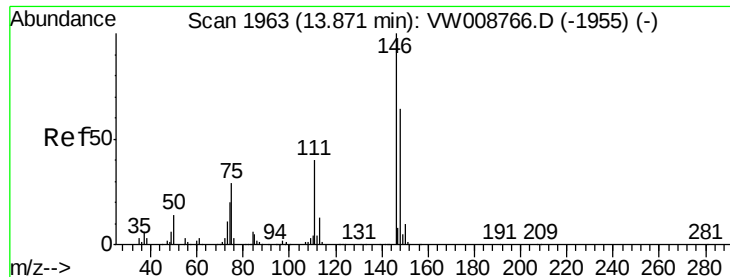
Tgt Ion: 91 Resp: 317127
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.4
134 26.5 13.5 40.4



#90
Hexachloroethane
Concen: 20.746 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion: 117 Resp: 53412
Ion Ratio Lower Upper
117 100
201 82.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 21.341 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

Instrument :

MSVOA_W

ClientSampleId :

VW0221SBS01

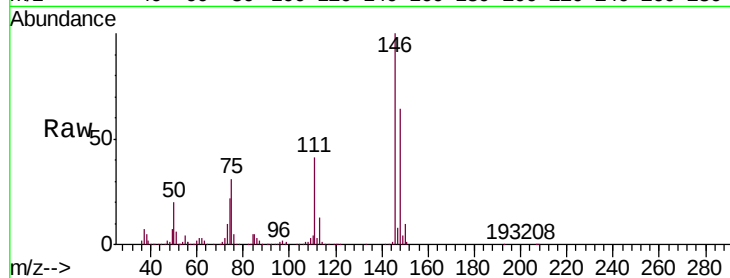
Tgt Ion:146 Resp: 148028

Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.8

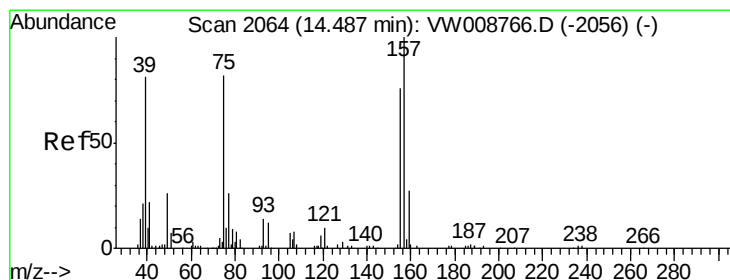
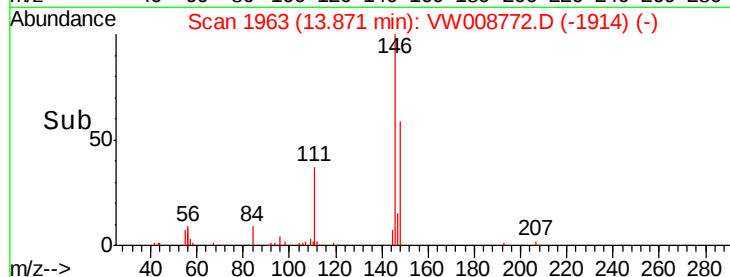
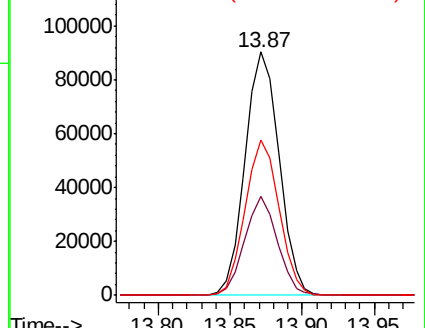
148 63.6 32.5 97.5



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: 21.244 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008772.D

Acq: 21 Feb 2019 16:21

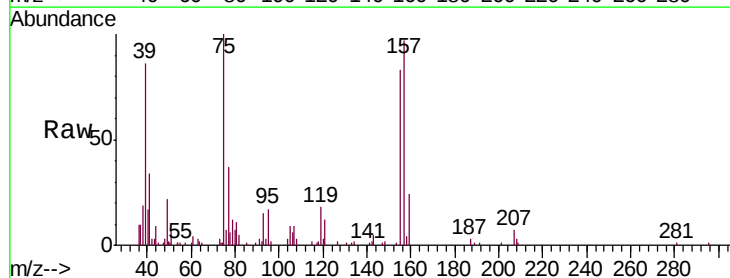
Tgt Ion: 75 Resp: 9970

Ion Ratio Lower Upper

75 100

155 81.7 41.8 125.4

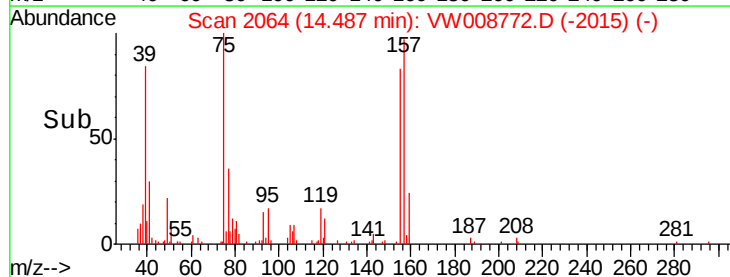
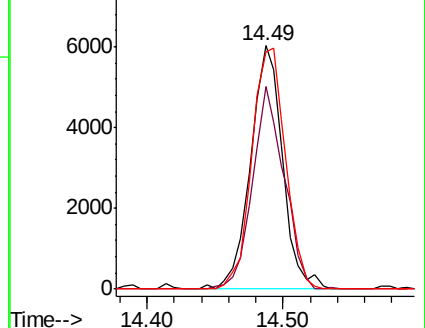
157 103.8 56.6 169.9

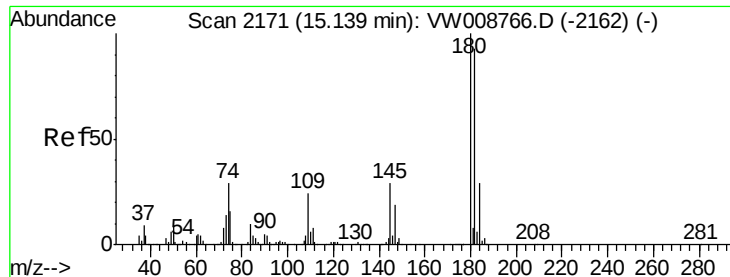


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

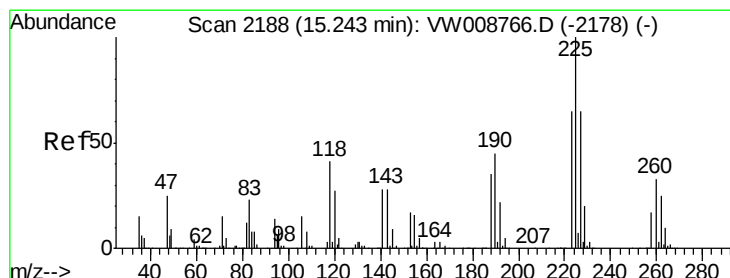
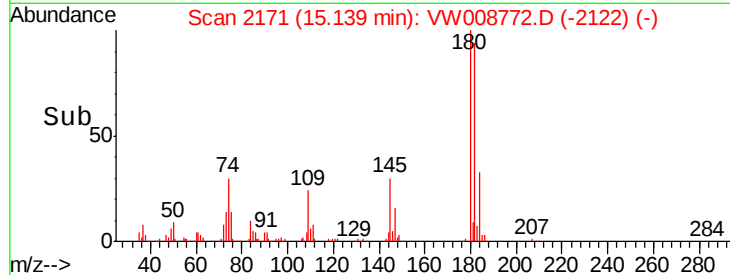
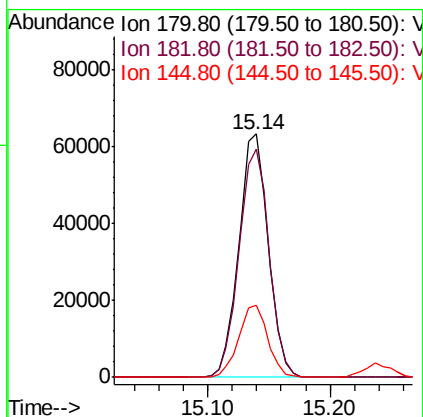
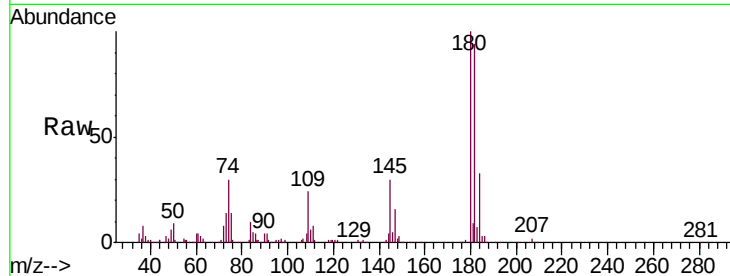




#93
 1,2,4-Trichlorobenzene
 Concen: 21.117 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

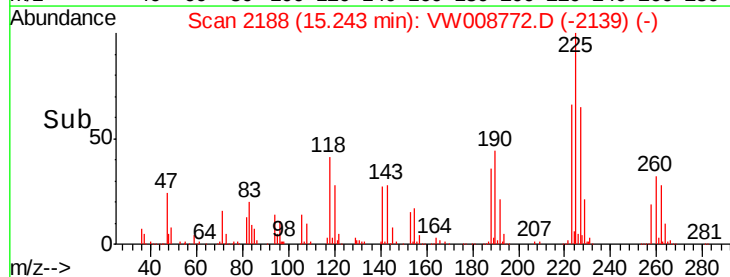
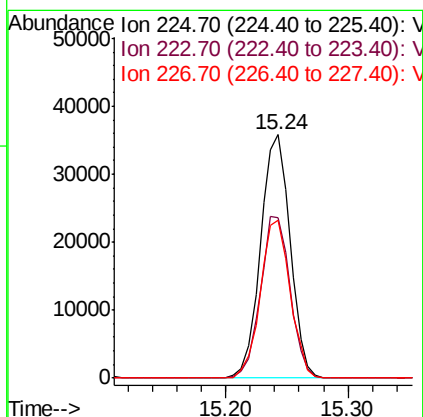
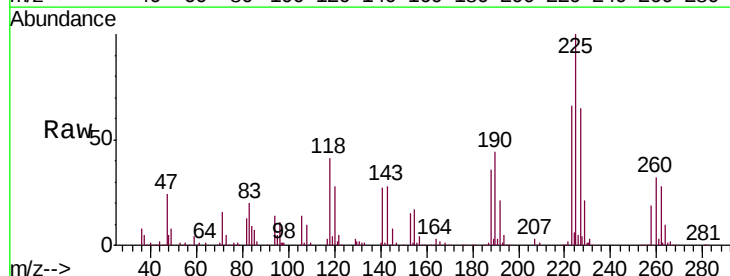
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0221SBS01

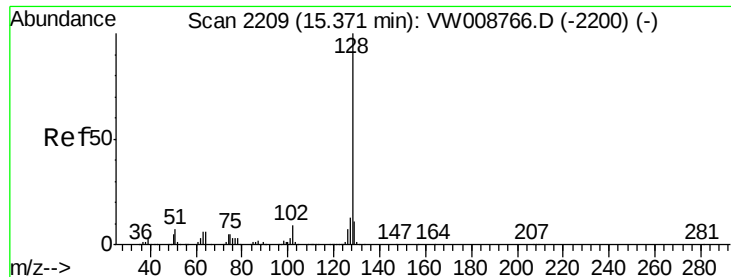
Tgt Ion:180 Resp: 105537
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.2 141.6
 145 29.5 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 20.491 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008772.D
 Acq: 21 Feb 2019 16:21

Tgt Ion:225 Resp: 60323
 Ion Ratio Lower Upper
 225 100
 223 66.8 31.5 94.5
 227 65.5 31.6 94.8

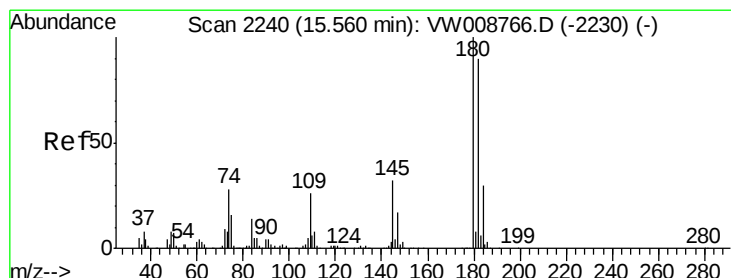
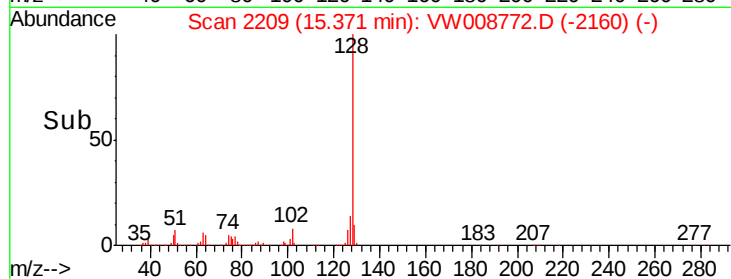
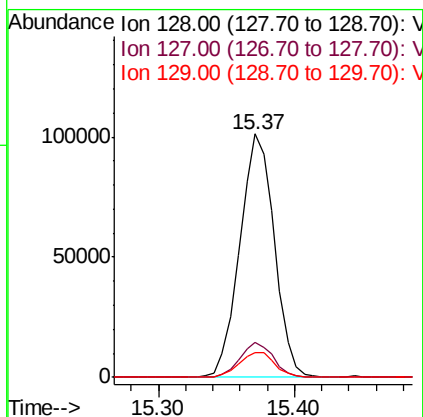
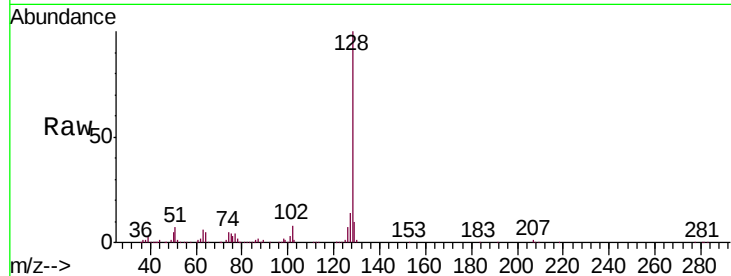




#95
Naphthalene
Concen: 21.127 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
VW0221SBSD01

Tgt Ion:128 Resp: 179772
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.286 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008772.D
Acq: 21 Feb 2019 16:21

Tgt Ion:180 Resp: 91981
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.8
145 31.7 15.9 47.6

