

Data File : VW008499.D
Acq On : 04 Feb 2019 11:21
Operator : SY/VA
Sample : VW0204SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

Quant Time: Feb 05 02:59:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	403322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	614497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	536373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	276390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	183332	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	7.88	113	180065	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.32	98	696160	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.62	95	255772	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31797	16.007	ug/l	99
3) Chloromethane	2.21	50	50839	15.442	ug/l	95
4) Vinyl Chloride	2.36	62	67549	16.118	ug/l	96
5) Bromomethane	2.78	94	57437	21.248	ug/l	92
6) Chloroethane	2.92	64	50699	19.781	ug/l	100
7) Trichlorofluoromethane	3.25	101	51525	17.524	ug/l	93
8) Diethyl Ether	3.67	74	34509	17.157	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65458	17.944	ug/l	96
10) Methyl Iodide	4.26	142	101648	17.642	ug/l	100
11) Tert butyl alcohol	5.20	59	25721	80.628	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	63001	17.066	ug/l	97
13) Acrolein	3.89	56	23670	86.876	ug/l	98
14) Allyl chloride	4.66	41	109352	15.599	ug/l	97
15) Acrylonitrile	5.37	53	71305	82.099	ug/l	99
16) Acetone	4.12	43	72055	80.980	ug/l	97
17) Carbon Disulfide	4.37	76	191565	16.247	ug/l	100
18) Methyl Acetate	4.67	43	37432	15.773	ug/l	93
19) Methyl tert-butyl Ether	5.42	73	104031	17.032	ug/l	96
20) Methylene Chloride	4.90	84	70294	17.140	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	71993	17.346	ug/l	96
22) Diisopropyl ether	6.31	45	208325	15.680	ug/l	96
23) Vinyl Acetate	6.25	43	626112	79.810	ug/l	97
24) 1,1-Dichloroethane	6.21	63	124147	16.508	ug/l	99
25) 2-Butanone	7.17	43	100854	81.604	ug/l	97
26) 2,2-Dichloropropane	7.16	77	85835	16.886	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	76363	16.882	ug/l	96
28) Bromochloromethane	7.51	49	59601	17.255	ug/l	97
29) Tetrahydrofuran	7.53	42	62445	79.732	ug/l	95
30) Chloroform	7.67	83	124549	16.838	ug/l	97
31) Cyclohexane	7.95	56	124578	16.020	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	109059	17.070	ug/l	99
36) 1,1-Dichloropropene	8.07	75	102802	17.710	ug/l	99
37) Ethyl Acetate	7.25	43	44274	17.240	ug/l	99
38) Carbon Tetrachloride	8.06	117	105769	18.108	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	131527	17.249	ug/l	95
40) Benzene	8.32	78	278806	17.310	ug/l	98
41) Methacrylonitrile	7.48	41	25900	17.032	ug/l	97
42) 1,2-Dichloroethane	8.40	62	80935	17.339	ug/l	100
43) Isopropyl Acetate	8.42	43	89834	16.837	ug/l	97
44) Trichloroethene	9.09	130	80416	18.360	ug/l	97
45) 1,2-Dichloropropane	9.37	63	68795	17.130	ug/l	95
46) Dibromomethane	9.46	93	36152	17.502	ug/l	96
47) Bromodichloromethane	9.64	83	94513	17.299	ug/l	100
48) Methyl methacrylate	9.43	41	41063	15.740	ug/l	97
49) 1,4-Dioxane	9.46	88	11677	334.436	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	218320	82.828	ug/l	98
52) Toluene	10.38	92	182562	17.170	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	97265	16.730	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	112220	17.009	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	51529	17.985	ug/l	96
56) Ethyl methacrylate	10.65	69	63901	15.917	ug/l	100
57) 1,3-Dichloropropane	10.93	76	88679	17.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	188665	96.720	ug/l	97
59) 2-Hexanone	10.97	43	156065	83.870	ug/l	100
60) Dibromochloromethane	11.13	129	64295	17.462	ug/l	100
61) 1,2-Dibromoethane	11.23	107	50820	17.889	ug/l	98
64) Tetrachloroethene	10.86	164	68532	18.871	ug/l	97
65) Chlorobenzene	11.66	112	195485	17.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	70616	18.026	ug/l	97
67) Ethyl Benzene	11.73	91	355210	17.649	ug/l	99
68) m/p-Xylenes	11.84	106	275156	35.236	ug/l	97
69) o-Xylene	12.16	106	131002	17.656	ug/l	96
70) Styrene	12.18	104	206752	16.870	ug/l	98
71) Bromoform	12.35	173	39307	17.833	ug/l #	100
73) Isopropylbenzene	12.46	105	359372	17.441	ug/l	98
74) N-amyl acetate	12.27	43	86135	16.226	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	57074	17.495	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	79505	33.085	ug/l #	1
77) Bromobenzene	12.75	156	83699	18.600	ug/l	92
78) n-propylbenzene	12.80	91	425862	17.208	ug/l	98
79) 2-Chlorotoluene	12.90	91	237691	17.020	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	298287	17.319	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	19972	16.415	ug/l	98
82) 4-Chlorotoluene	12.99	91	245297	16.498	ug/l	96
83) tert-Butylbenzene	13.21	119	263850	17.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	302823	17.299	ug/l	99
85) sec-Butylbenzene	13.38	105	381252	17.418	ug/l	99
86) p-Isopropyltoluene	13.50	119	339268	17.696	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	164228	18.071	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	164222	18.182	ug/l	100
89) n-Butylbenzene	13.83	91	325112	17.270	ug/l	99
90) Hexachloroethane	14.10	117	64101	17.096	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	144345	17.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10752	17.371	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Quantitation Report (Not Reviewed)

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Operator : SY/VA
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	109755	19.126	ug/l	99
94) Hexachlorobutadiene	15.24	225	64546	18.664	ug/l	100
95) Naphthalene	15.37	128	187669	18.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92771	19.058	ug/l	100

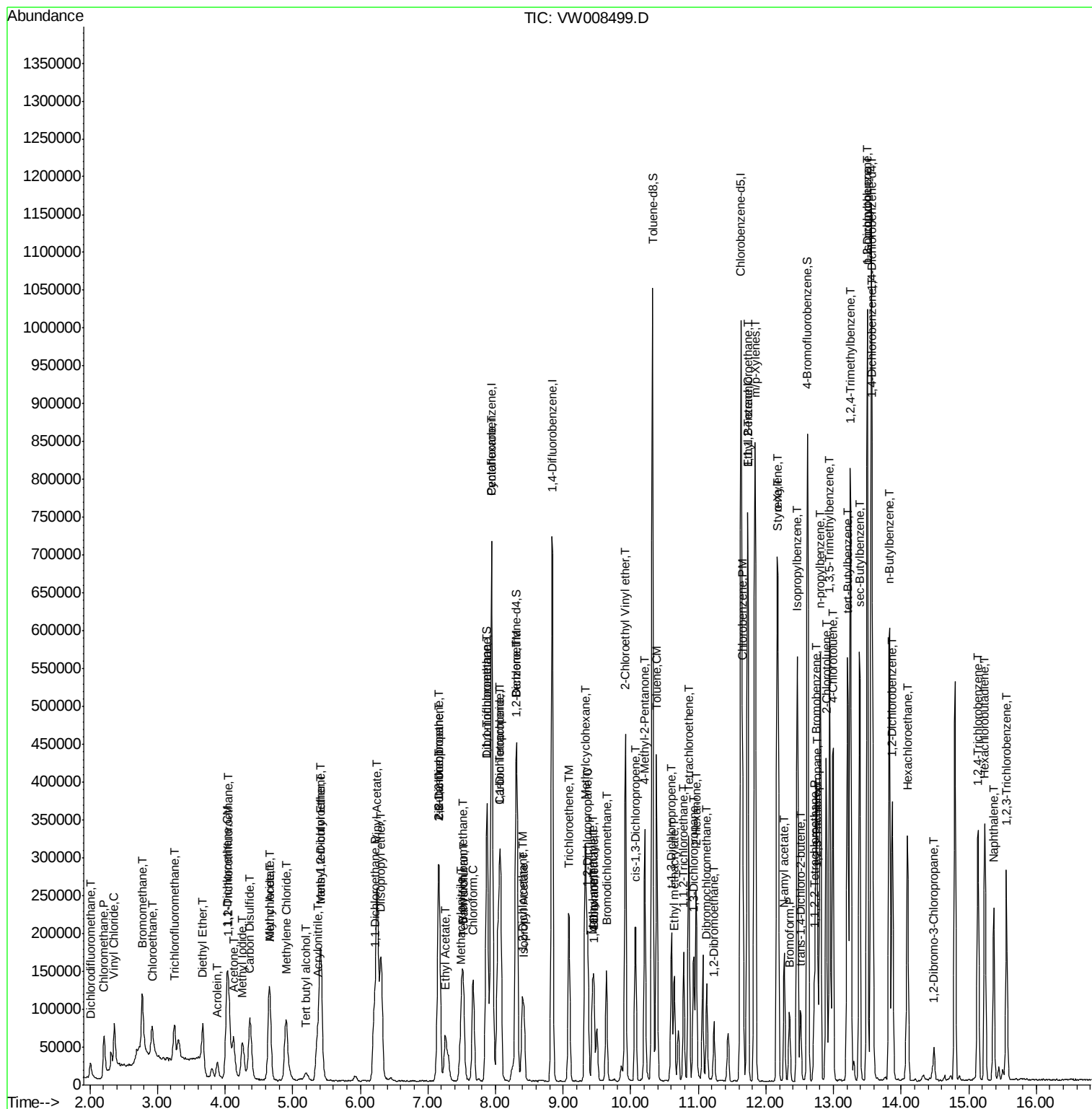
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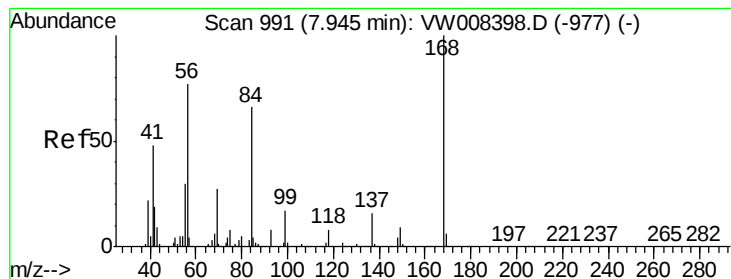
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Acq On       : 04 Feb 2019   11:21
Operator     : SY/VA
Sample       : VW0204SBS01
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ALS Vial     : 4      Sample Multiplier: 1
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MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

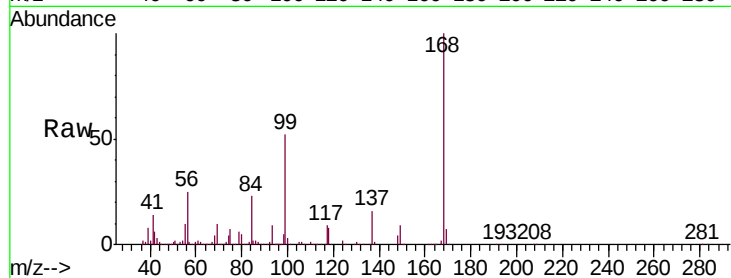
VW0204SBS01

Tgt Ion: 168 Resp: 403322

Ion Ratio Lower Upper

168 100

99 52.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

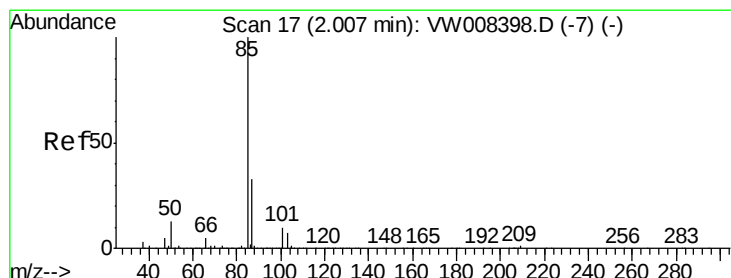
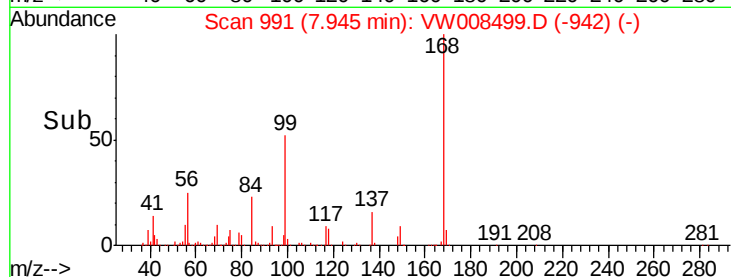
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.007 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008499.D

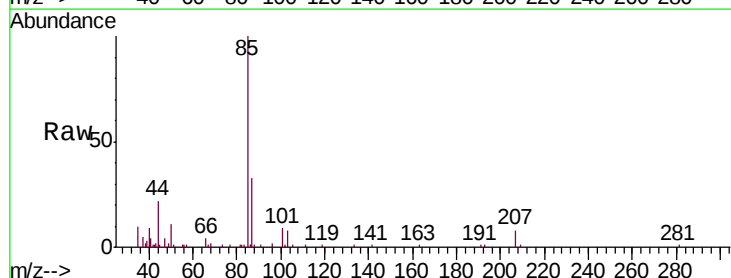
Acq: 04 Feb 2019 11:21

Tgt Ion: 85 Resp: 31797

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

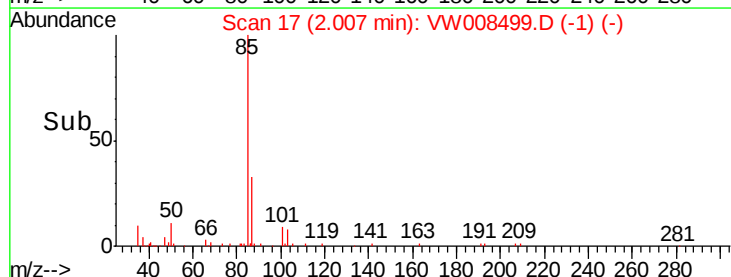
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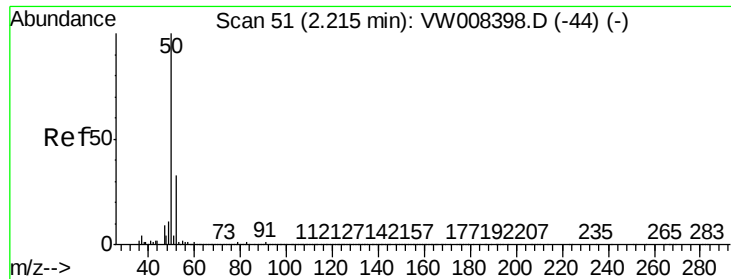
4000

2000

0

Time--> 1.90 2.00 2.10

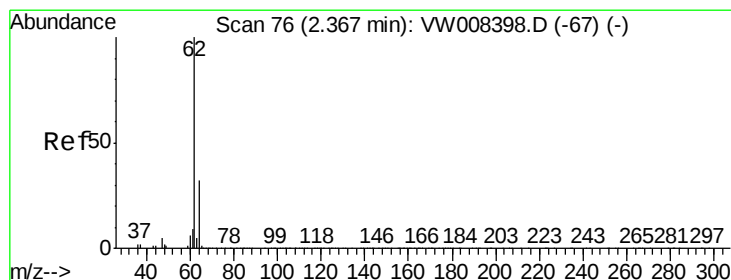
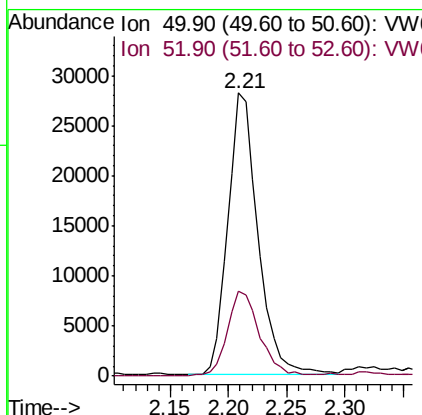
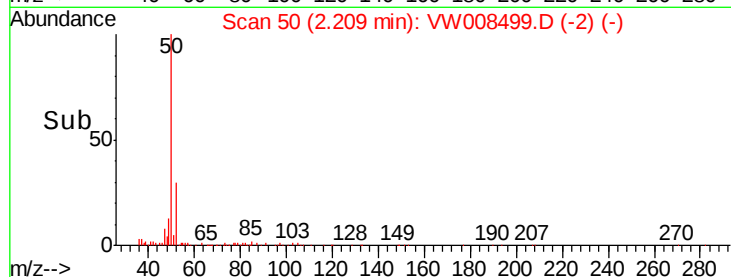
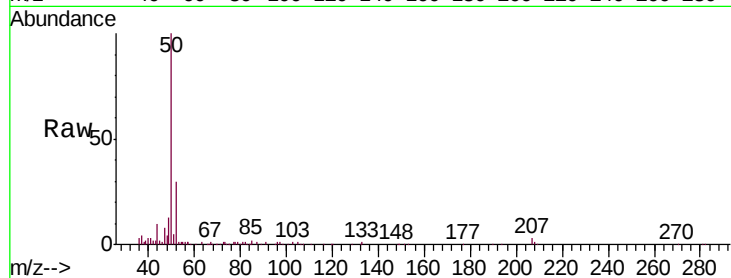




#3
Chloromethane
Concen: 15.442 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

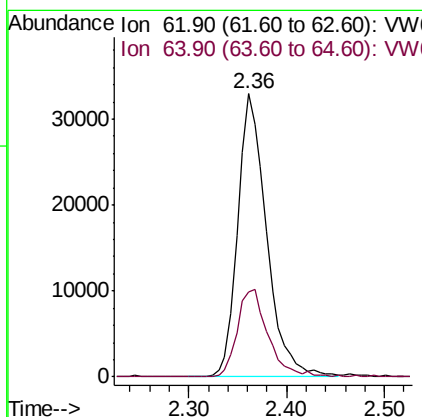
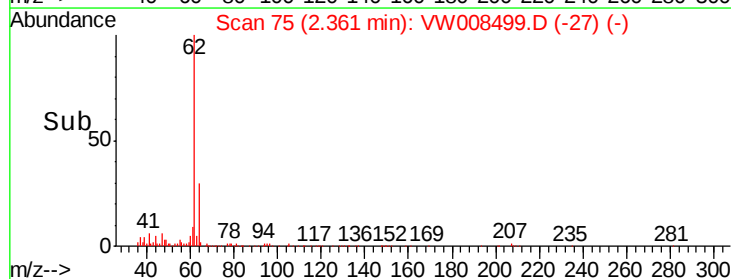
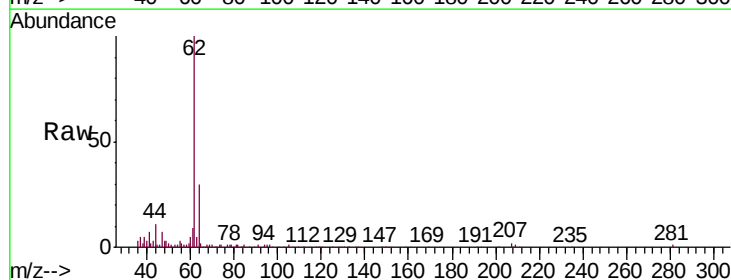
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

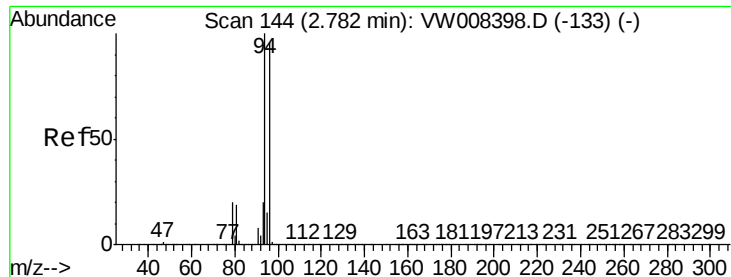
Tgt Ion: 50 Resp: 50839
Ion Ratio Lower Upper
50 100
52 30.0 26.3 39.5



#4
Vinyl Chloride
Concen: 16.118 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 62 Resp: 67549
Ion Ratio Lower Upper
62 100
64 29.8 25.5 38.3





#5

Bromomethane

Concen: 21.248 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

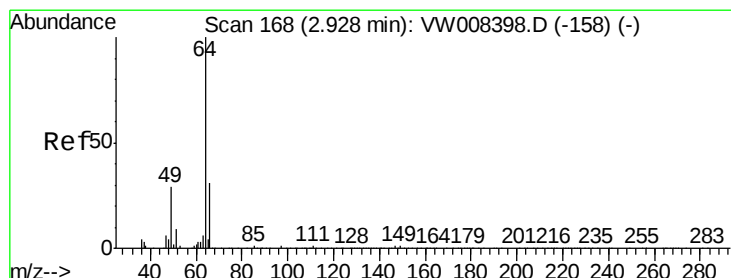
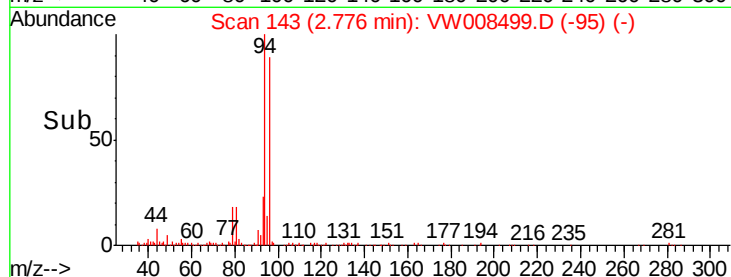
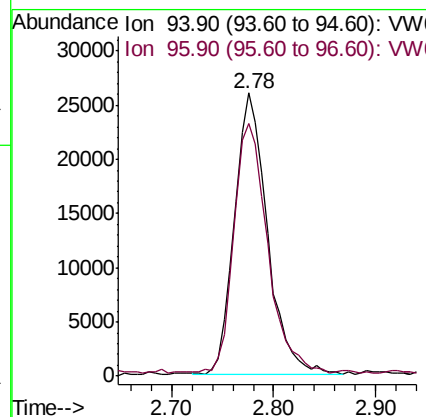
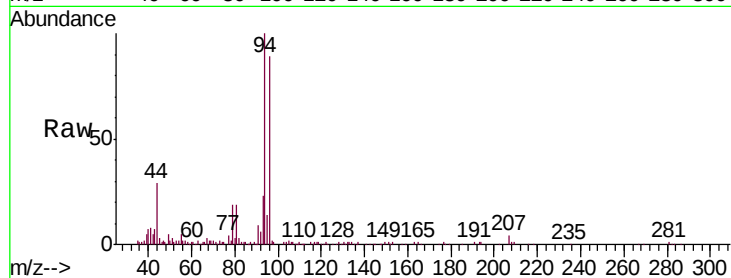
VW0204SBS01

Tgt Ion: 94 Resp: 57437

Ion Ratio Lower Upper

94 100

96 88.3 77.2 115.8



#6

Chloroethane

Concen: 19.781 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008499.D

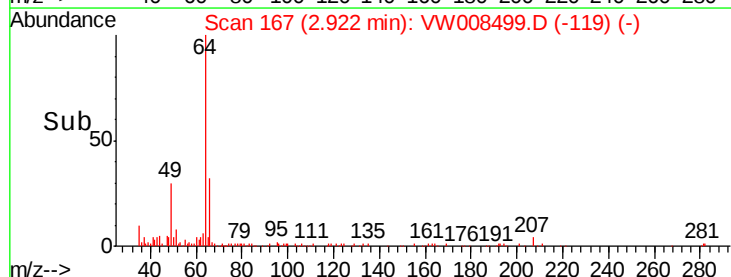
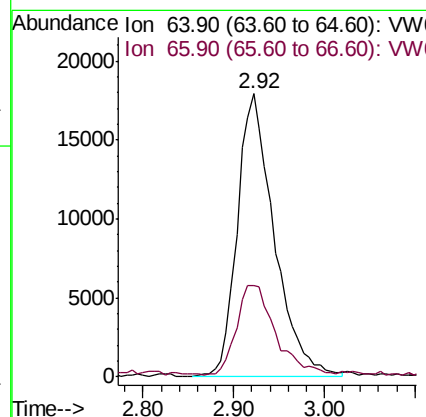
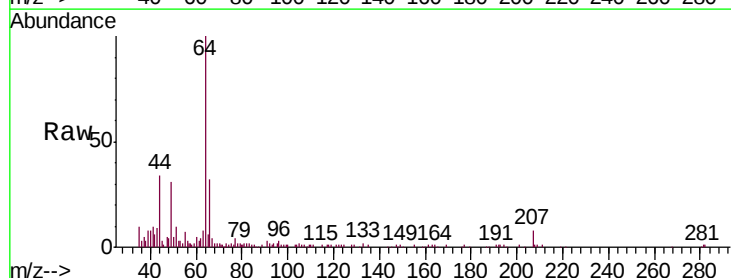
Acq: 04 Feb 2019 11:21

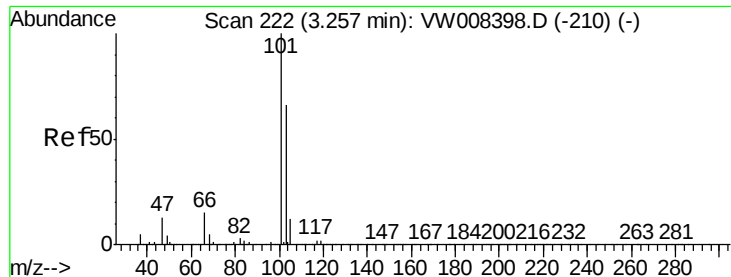
Tgt Ion: 64 Resp: 50699

Ion Ratio Lower Upper

64 100

66 31.2 24.9 37.3



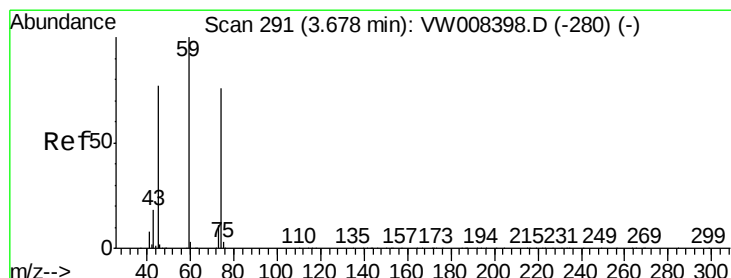
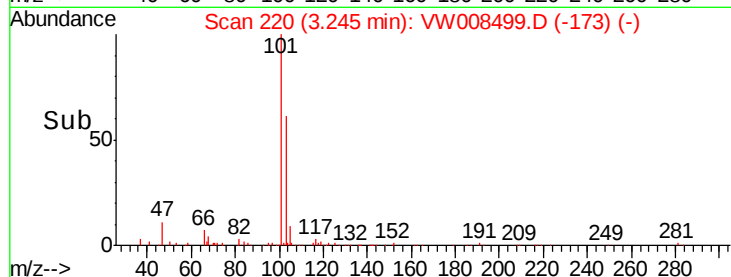
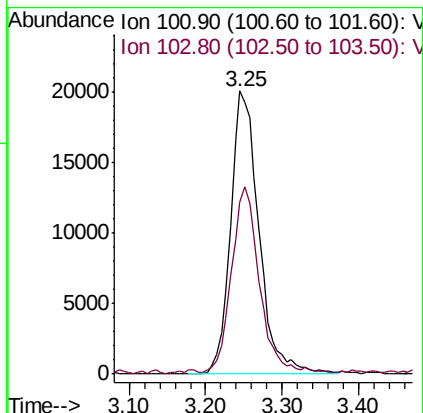
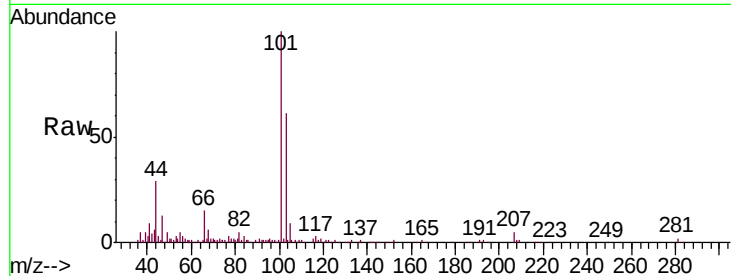


#7

Trichlorofluoromethane
Concen: 17.524 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Instrument :
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ClientSampleId :
VW0204SBS01

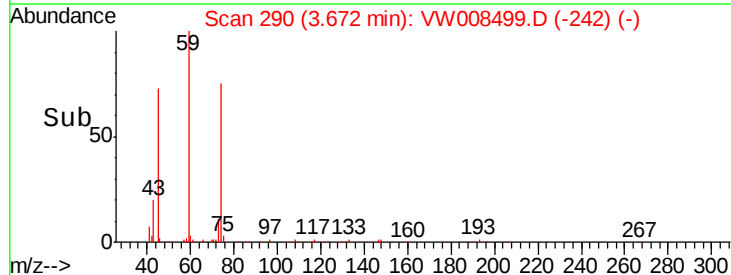
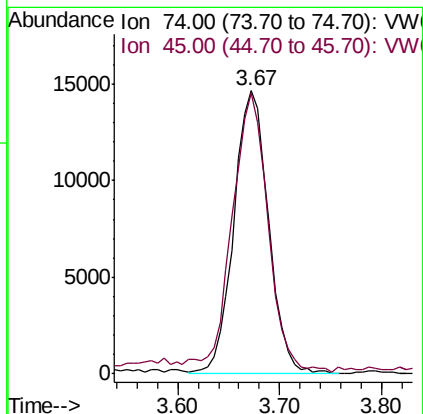
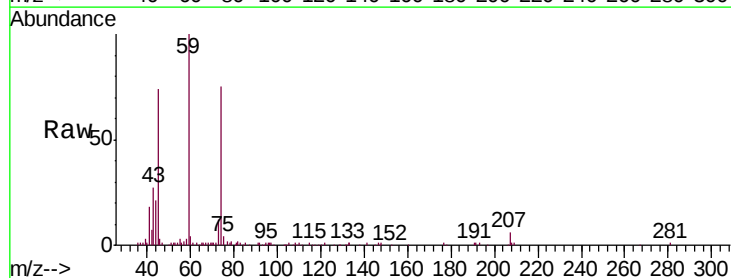
Tgt Ion:101 Resp: 51525
Ion Ratio Lower Upper
101 100
103 59.8 52.5 78.7

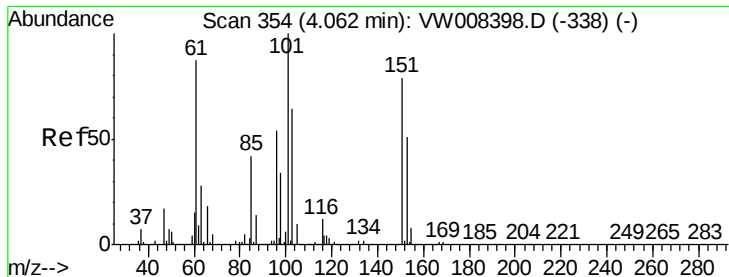


#8

Diethyl Ether
Concen: 17.157 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 74 Resp: 34509
Ion Ratio Lower Upper
74 100
45 103.1 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.944 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

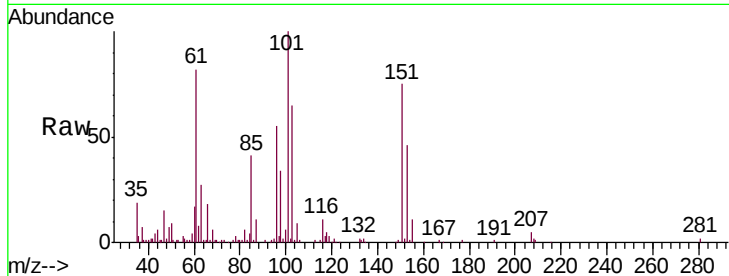
Tgt Ion:101 Resp: 65458

Ion Ratio Lower Upper

101 100

85 44.7 35.0 52.4

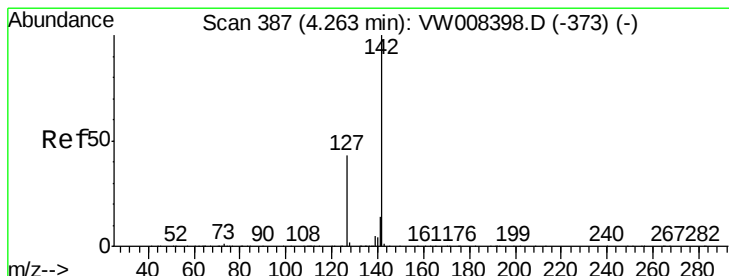
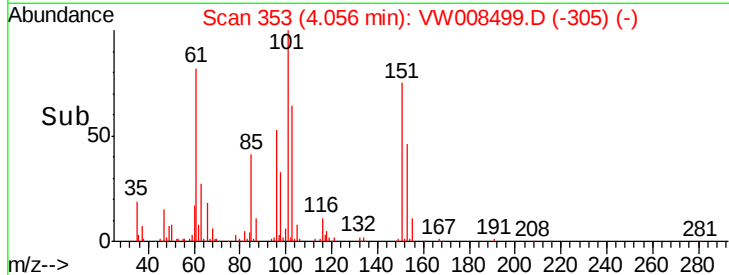
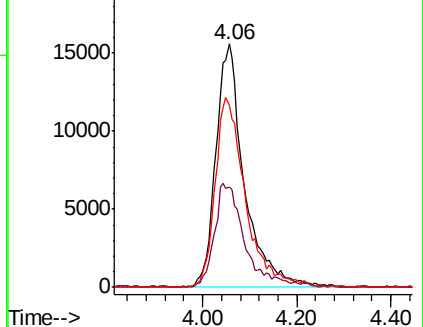
151 82.8 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.642 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

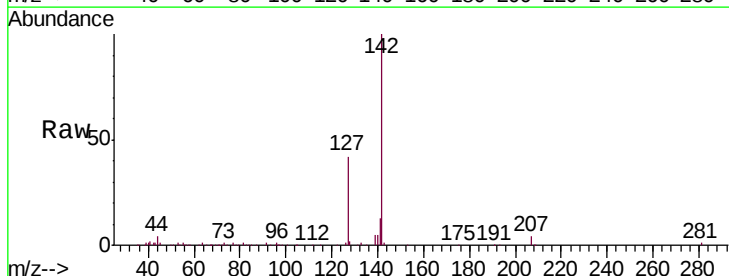
Tgt Ion:142 Resp: 101648

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

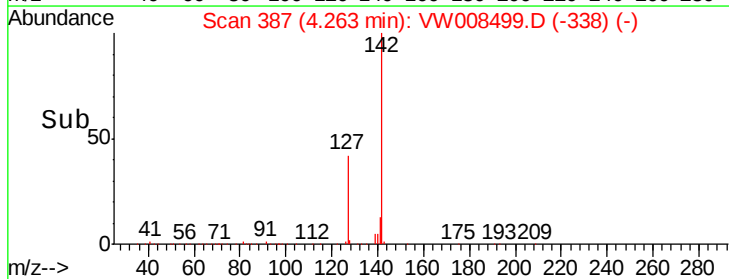
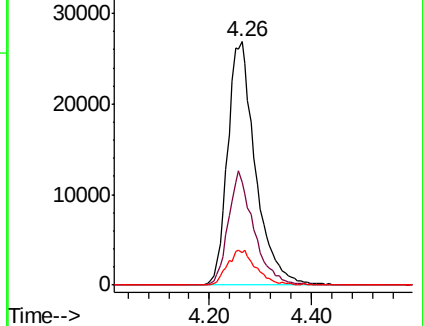
141 15.0 11.4 17.2

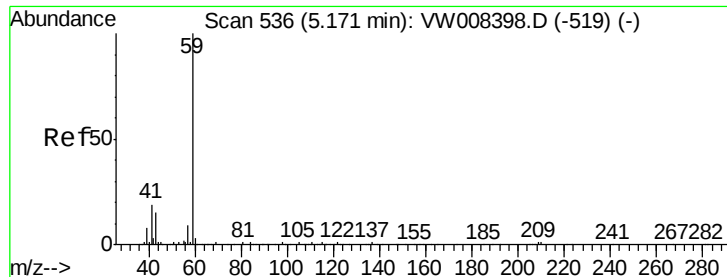


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

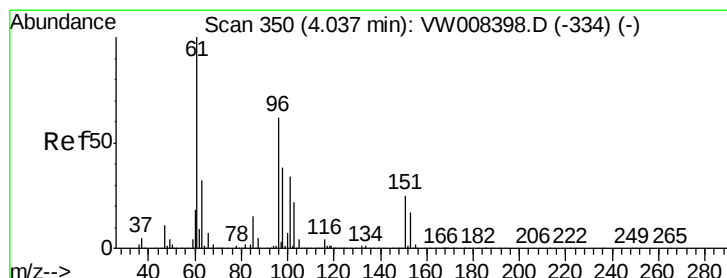
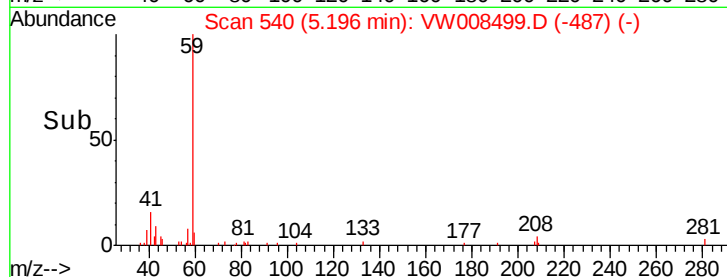
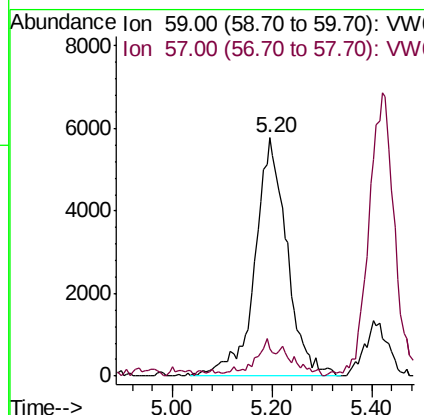
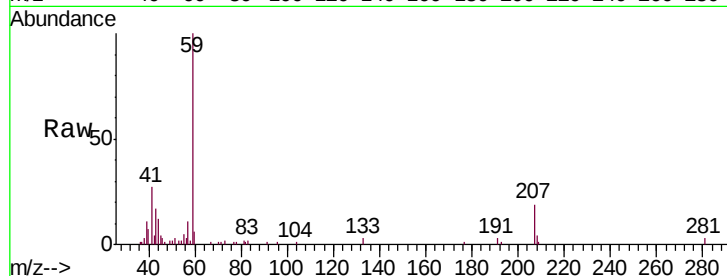




#11
Tert butyl alcohol
Concen: 80.628 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

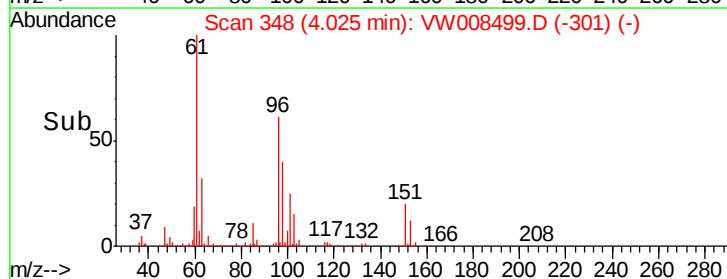
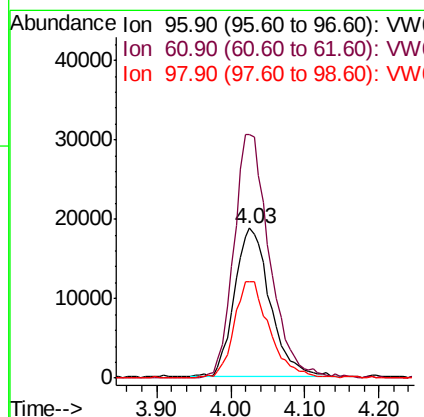
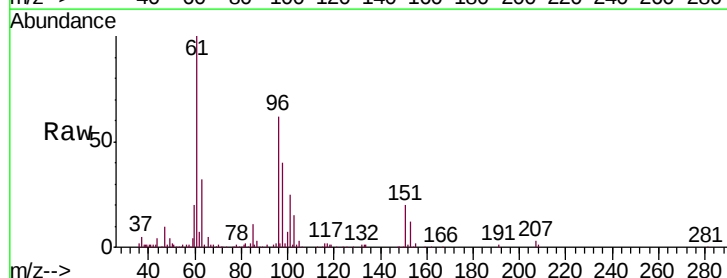
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

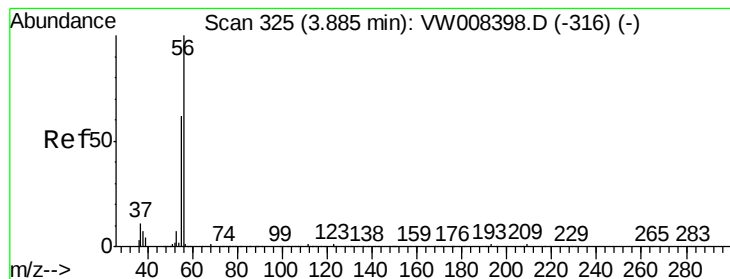
Tgt Ion: 59 Resp: 25721
Ion Ratio Lower Upper
59 100
57 5.9 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 17.066 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 96 Resp: 63001
Ion Ratio Lower Upper
96 100
61 163.9 129.5 194.3
98 64.9 48.6 73.0





#13

Acrolein

Concen: 86.876 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

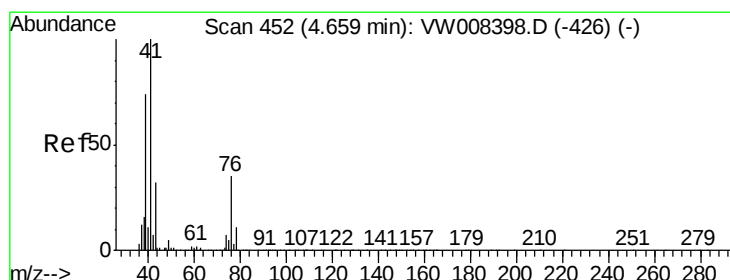
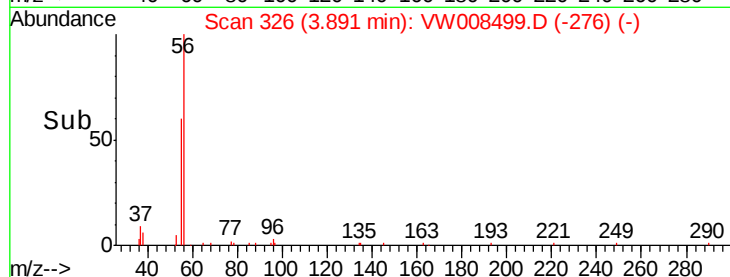
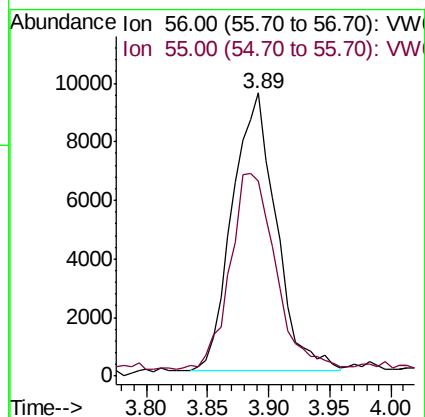
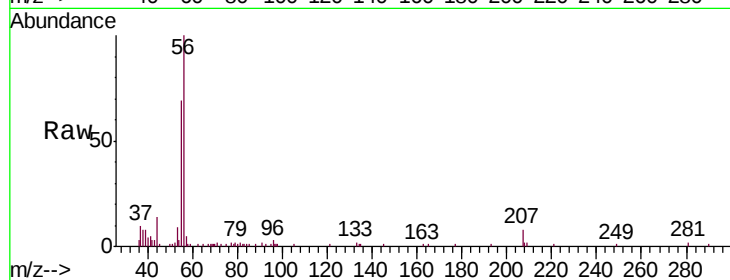
VW0204SBS01

Tgt Ion: 56 Resp: 23670

Ion Ratio Lower Upper

56 100

55 72.3 56.7 85.1



#14

Allyl chloride

Concen: 15.599 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

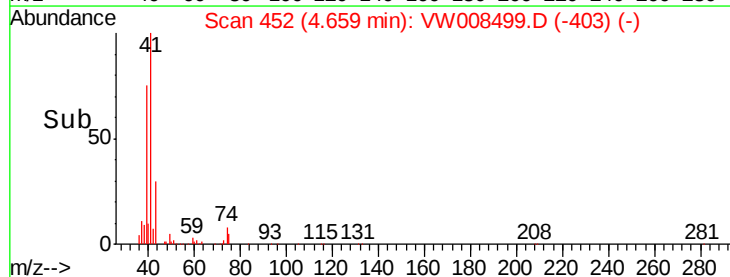
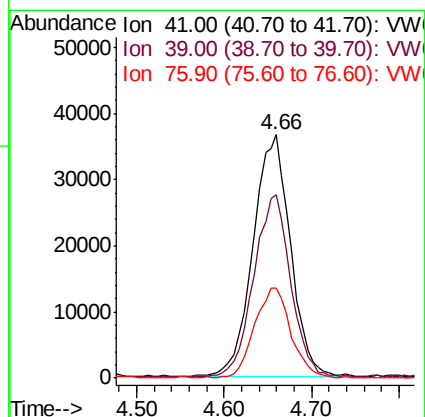
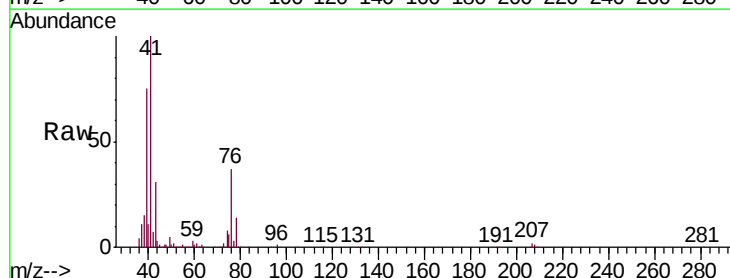
Tgt Ion: 41 Resp: 109352

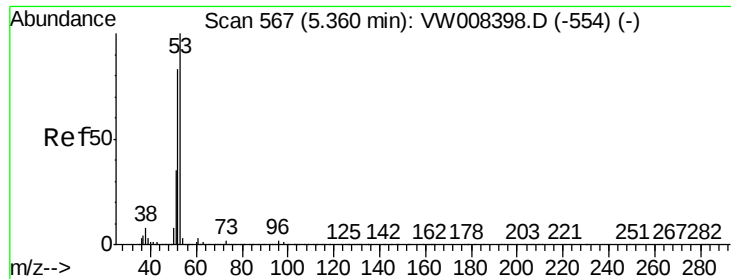
Ion Ratio Lower Upper

41 100

39 74.0 57.7 86.5

76 36.2 26.9 40.3





#15

Acrylonitrile

Concen: 82.099 ug/l

RT: 5.37 min Scan# 568

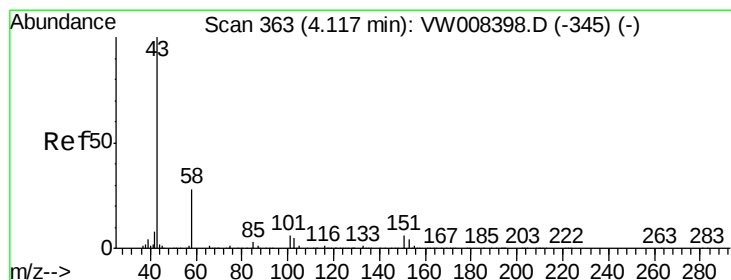
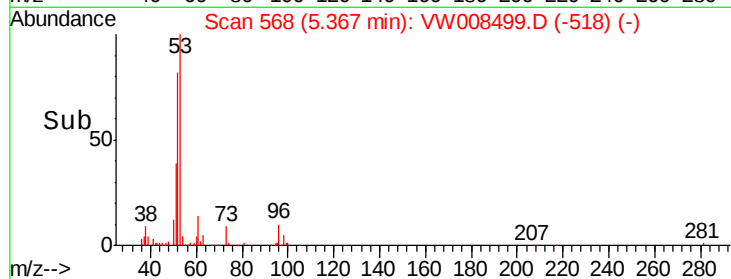
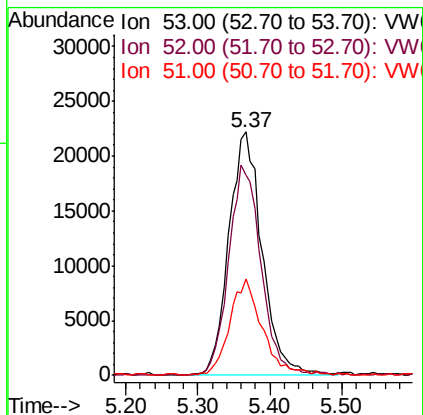
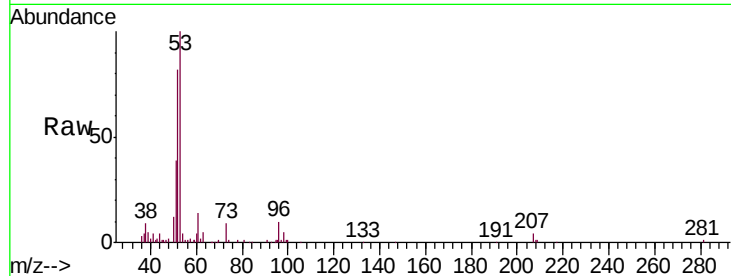
Delta R.T. 0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

Tgt Ion:	53	Resp:	71305
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	39.0	29.8	44.8



#16

Acetone

Concen: 80.980 ug/l

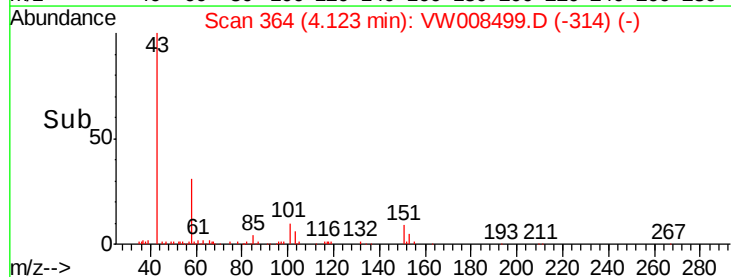
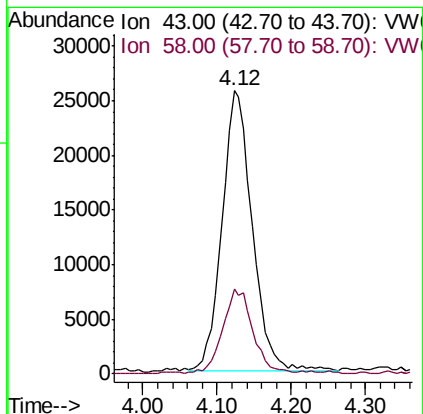
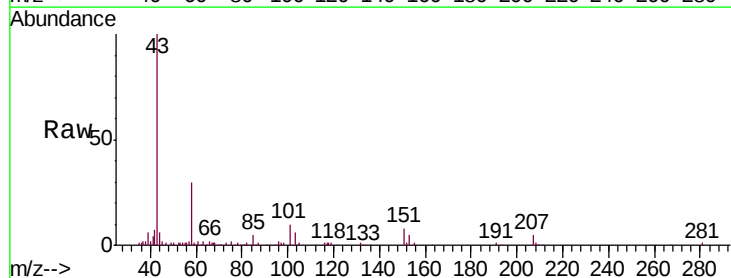
RT: 4.12 min Scan# 364

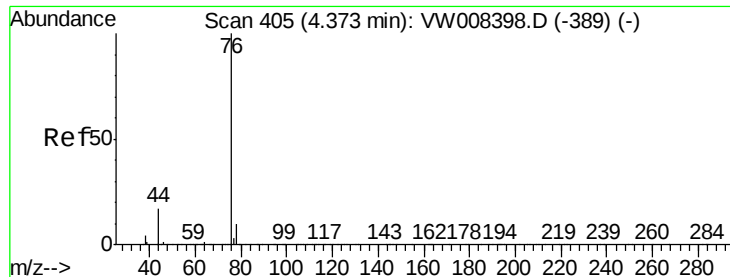
Delta R.T. 0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Tgt Ion:	43	Resp:	72055
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.6	34.0

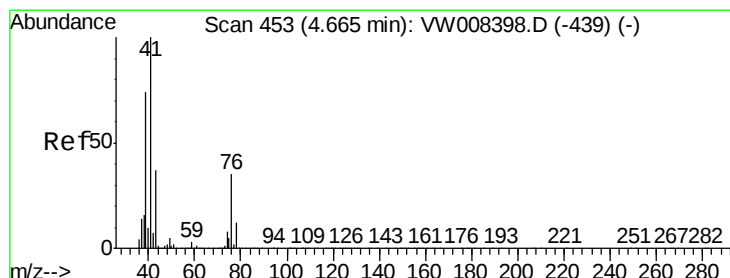
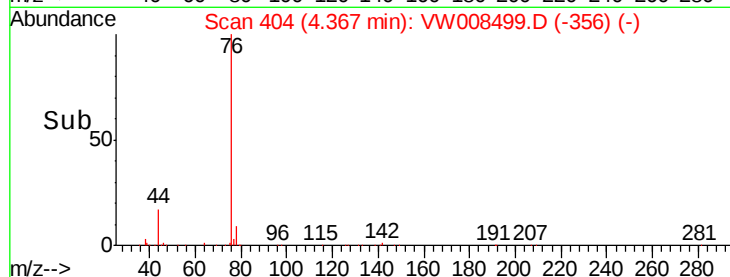
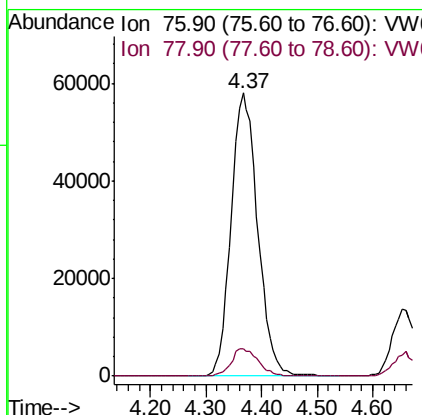
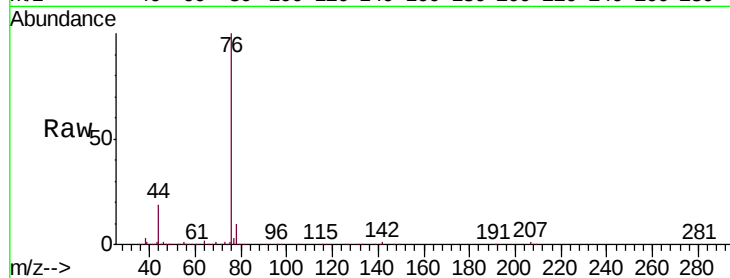




#17
Carbon Disulfide
Concen: 16.247 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

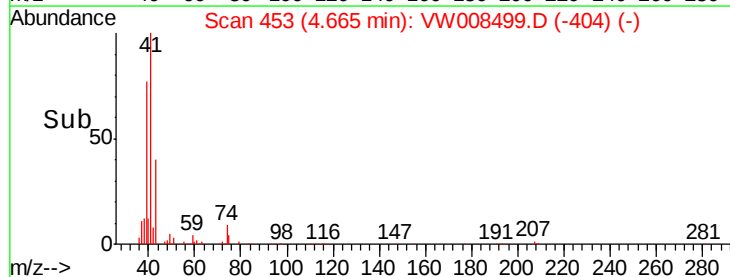
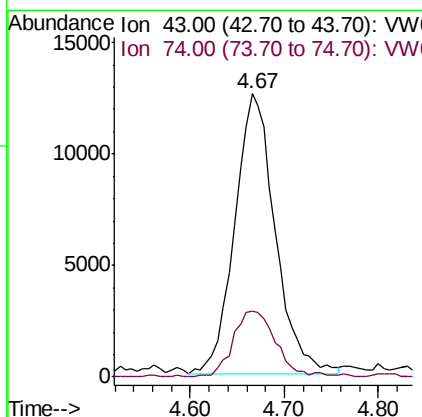
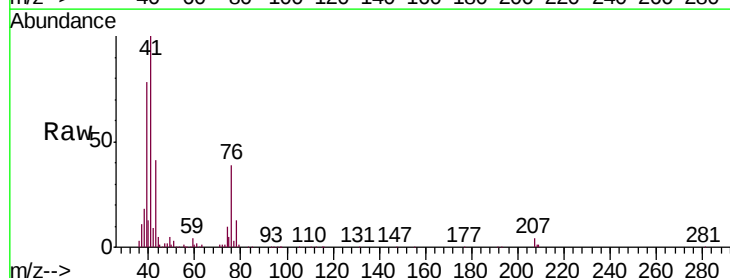
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

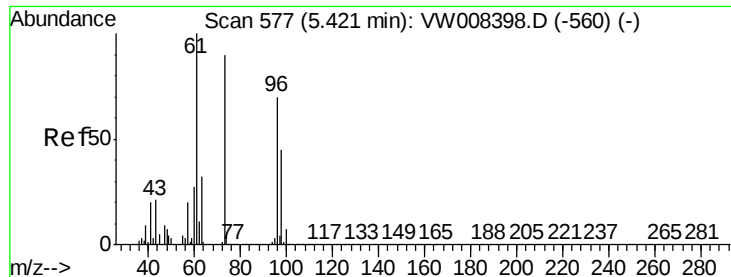
Tgt Ion: 76 Resp: 191565
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5



#18
Methyl Acetate
Concen: 15.773 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 43 Resp: 37432
Ion Ratio Lower Upper
43 100
74 25.1 17.5 26.3

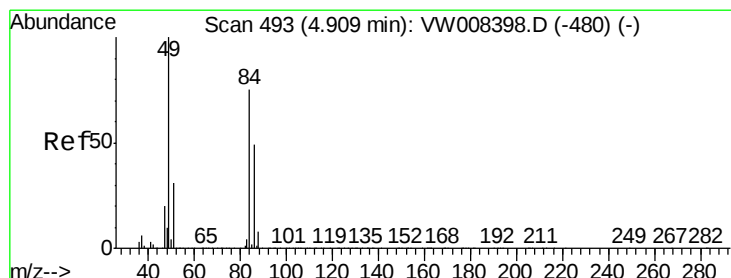
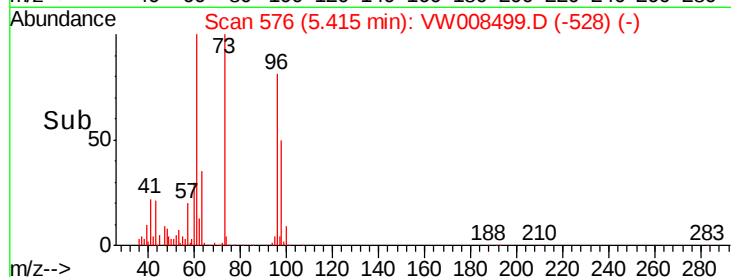
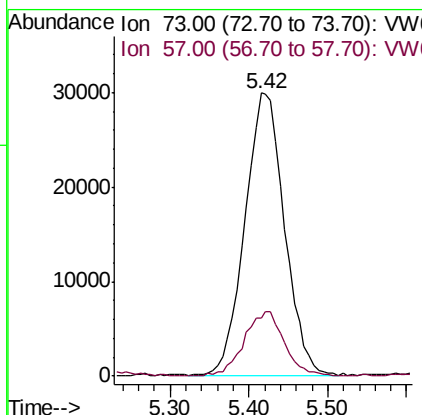
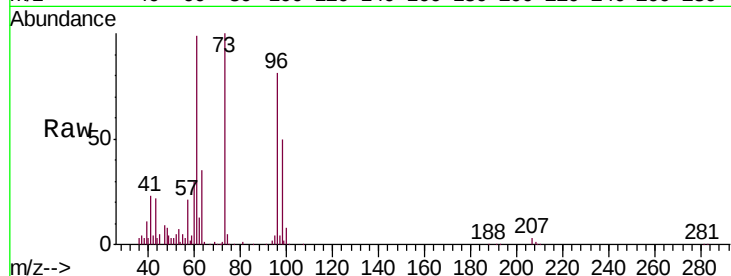




#19
Methyl tert-butyl Ether
Concen: 17.032 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

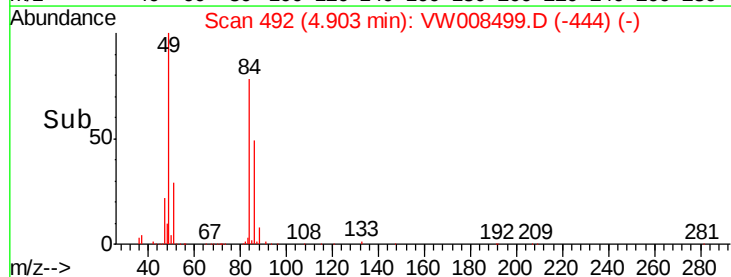
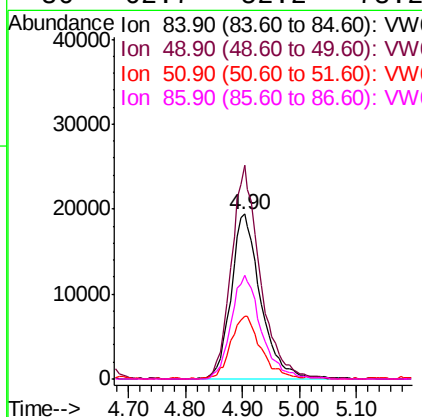
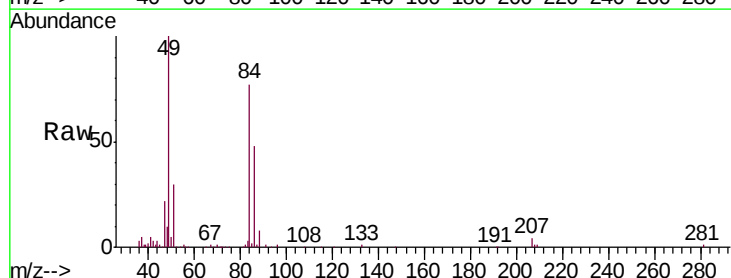
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

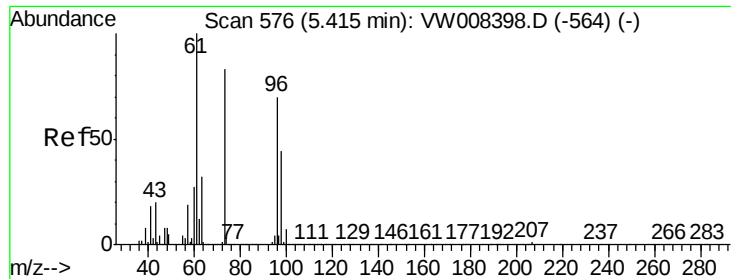
Tgt Ion: 73 Resp: 104031
Ion Ratio Lower Upper
73 100
57 20.5 18.0 27.0



#20
Methylene Chloride
Concen: 17.140 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 84 Resp: 70294
Ion Ratio Lower Upper
84 100
49 129.8 106.8 160.2
51 38.3 32.9 49.3
86 62.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.346 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

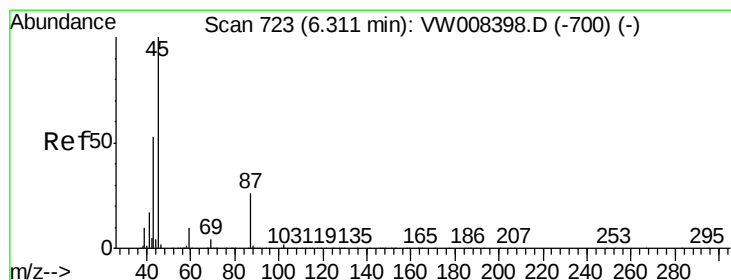
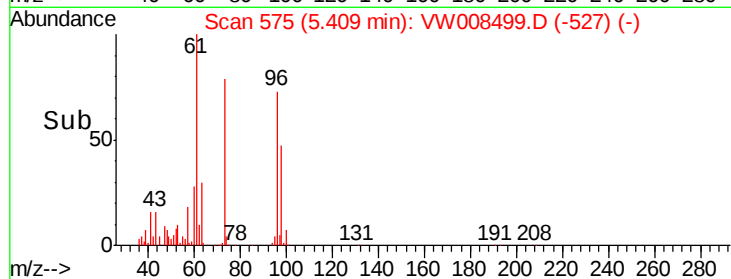
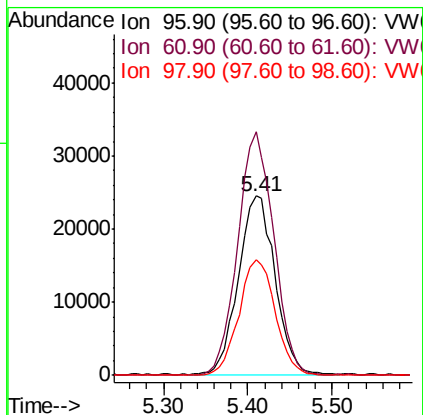
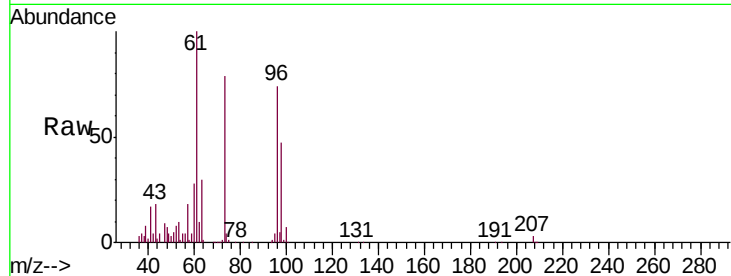
Tgt Ion: 96 Resp: 71993

Ion Ratio Lower Upper

96 100

61 136.0 114.4 171.6

98 64.5 50.6 75.8



#22

Diisopropyl ether

Concen: 15.680 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Tgt Ion: 45 Resp: 208325

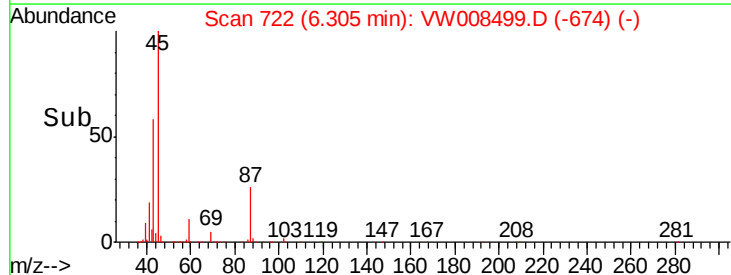
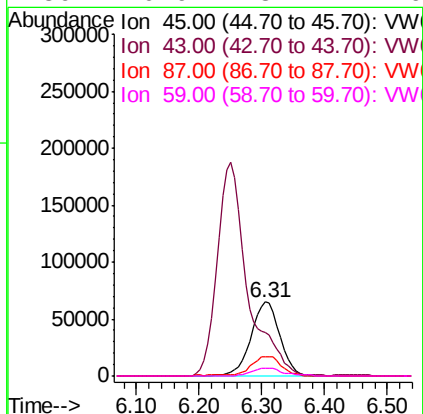
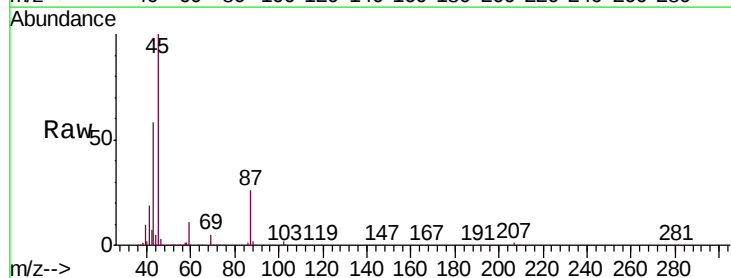
Ion Ratio Lower Upper

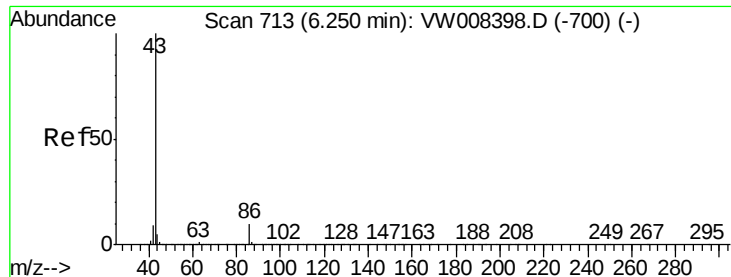
45 100

43 57.8 42.6 63.8

87 25.8 20.3 30.5

59 10.9 8.4 12.6





#23

Vinyl Acetate

Concen: 79.810 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

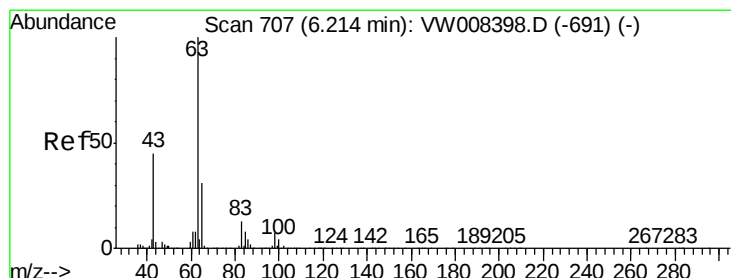
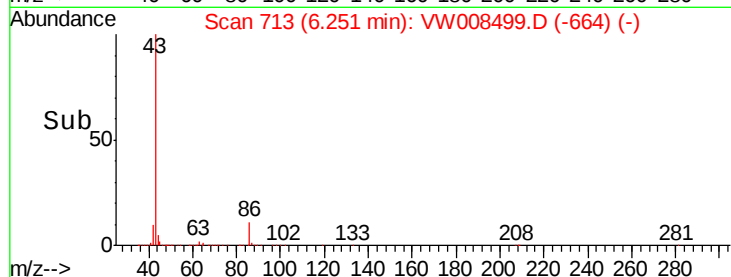
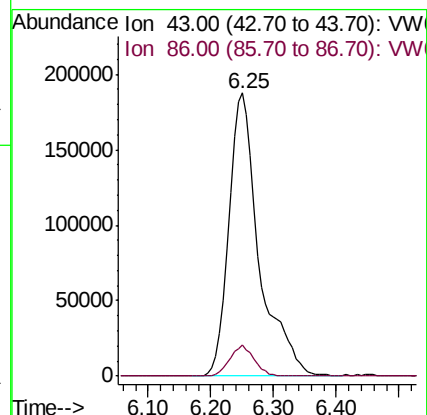
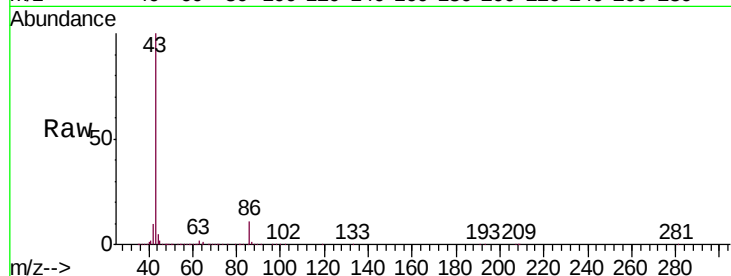
VW0204SBS01

Tgt Ion: 43 Resp: 626112

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.8



#24

1,1-Dichloroethane

Concen: 16.508 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

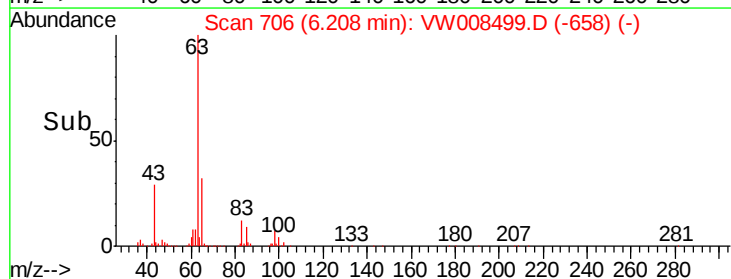
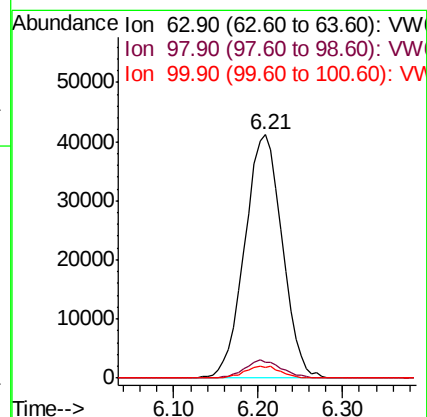
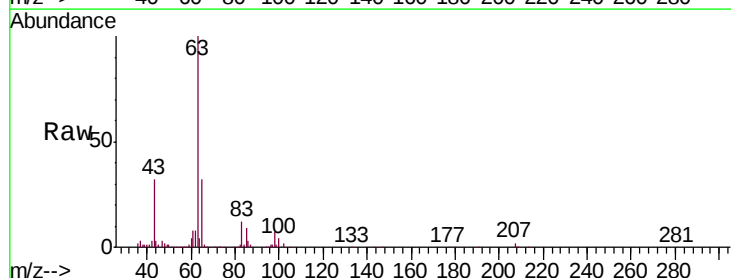
Tgt Ion: 63 Resp: 124147

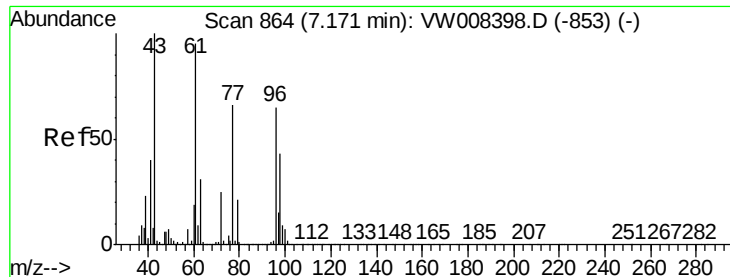
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 81.604 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampled :

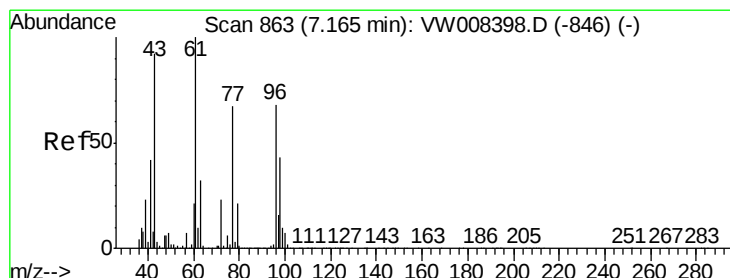
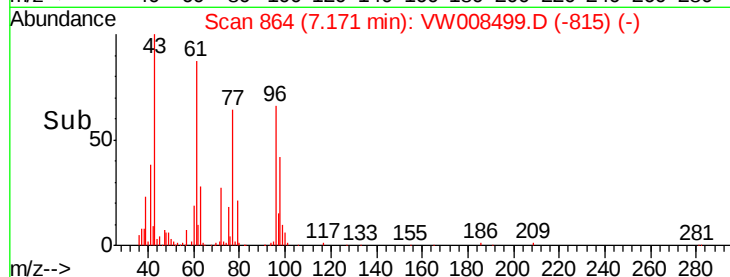
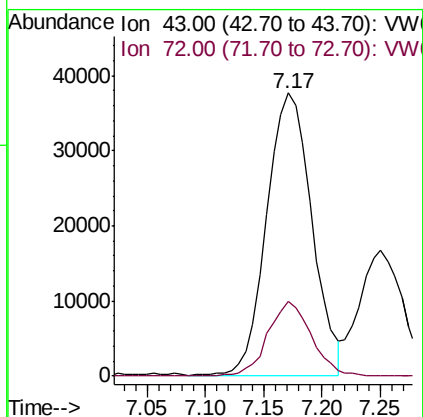
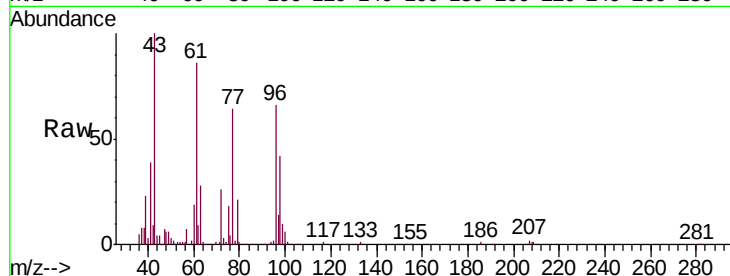
VW0204SBS01

Tgt Ion: 43 Resp: 100854

Ion Ratio Lower Upper

43 100

72 26.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 16.886 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008499.D

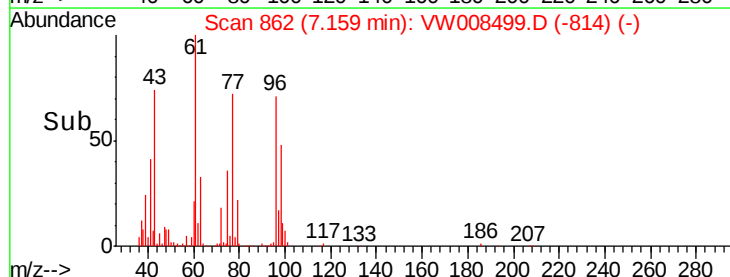
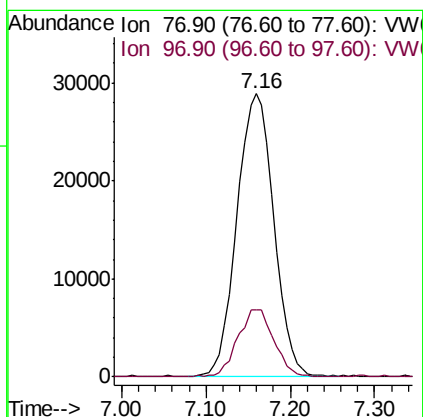
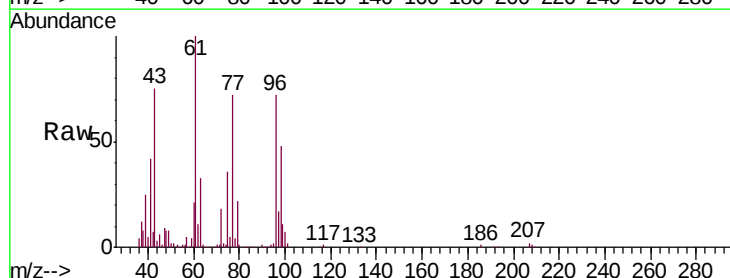
Acq: 04 Feb 2019 11:21

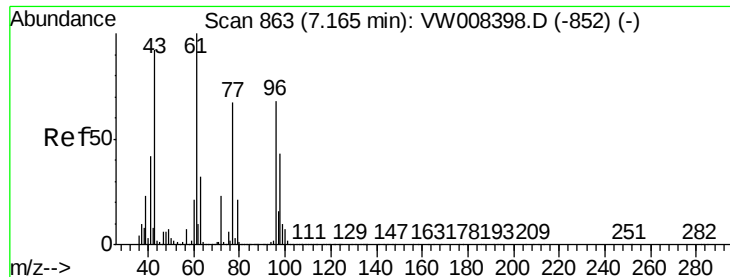
Tgt Ion: 77 Resp: 85835

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5



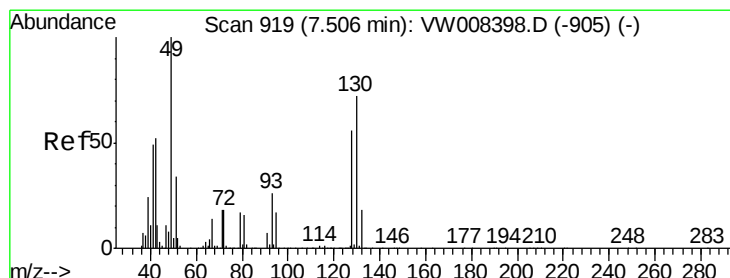
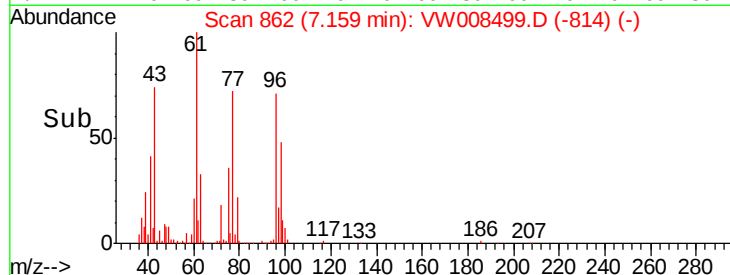
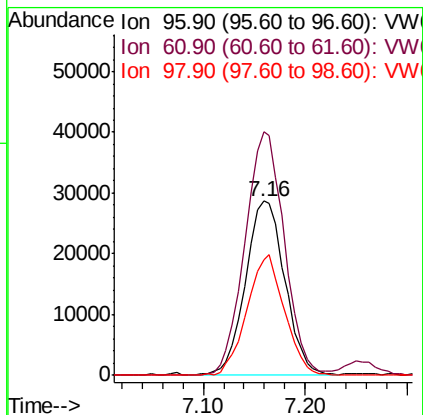
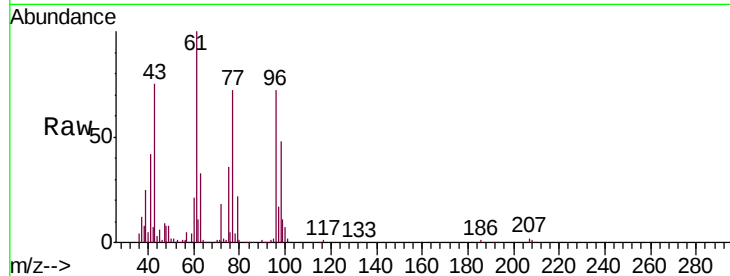


#27

cis-1,2-Dichloroethene
Concen: 16.882 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

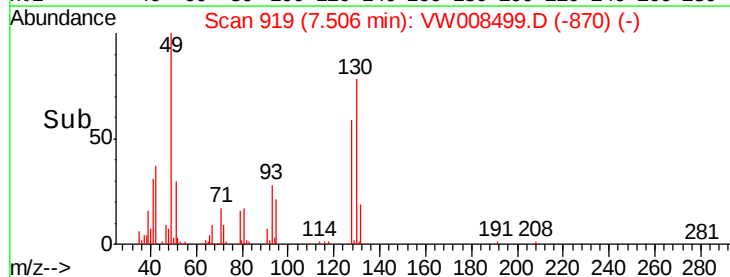
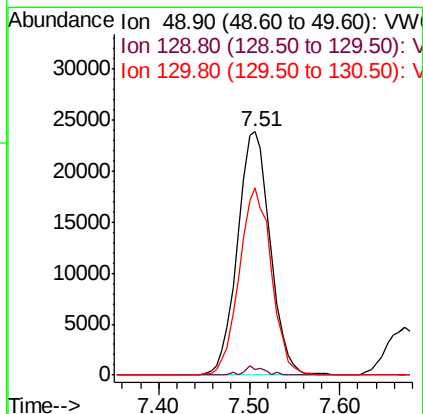
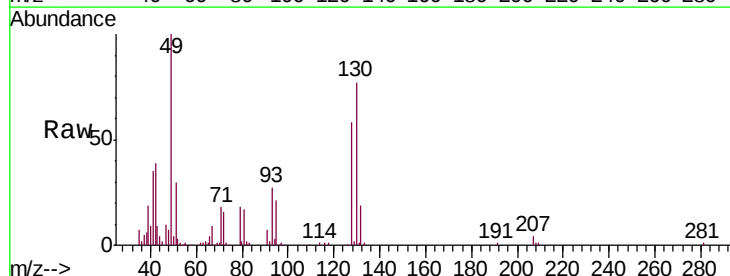
Tgt Ion: 96 Resp: 76363
Ion Ratio Lower Upper
96 100
61 141.0 0.0 292.8
98 66.6 0.0 129.2

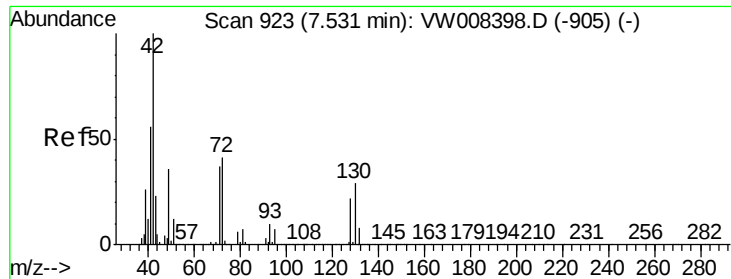


#28

Bromochloromethane
Concen: 17.255 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 49 Resp: 59601
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 75.7 58.6 87.8

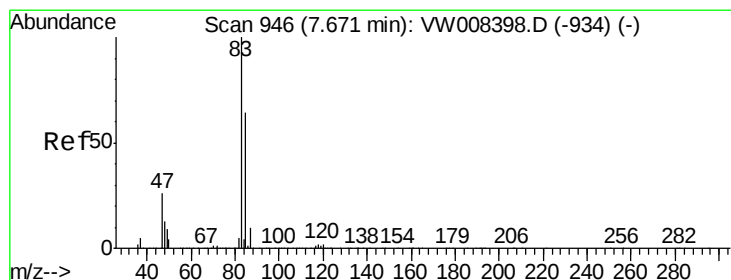
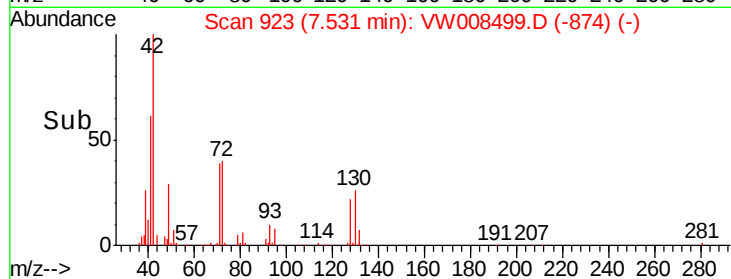
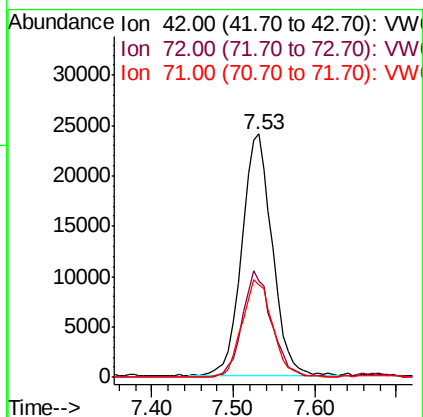
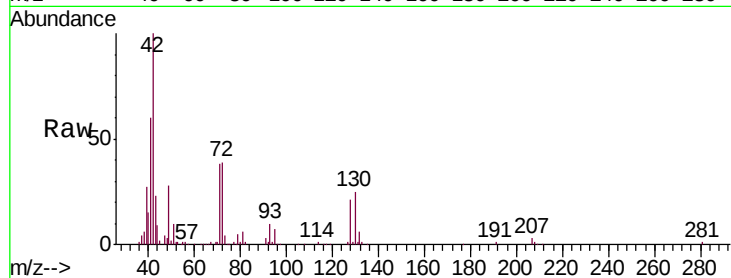




#29
Tetrahydrofuran
Concen: 79.732 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

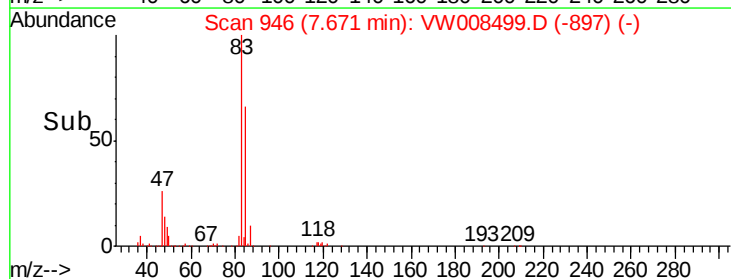
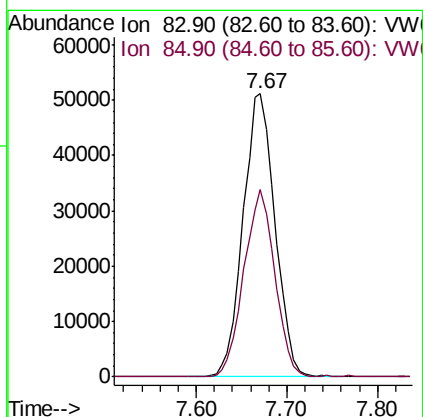
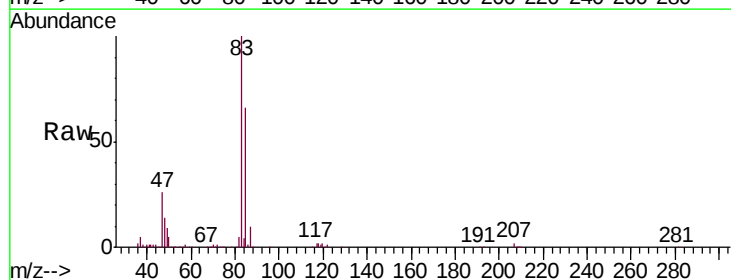
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

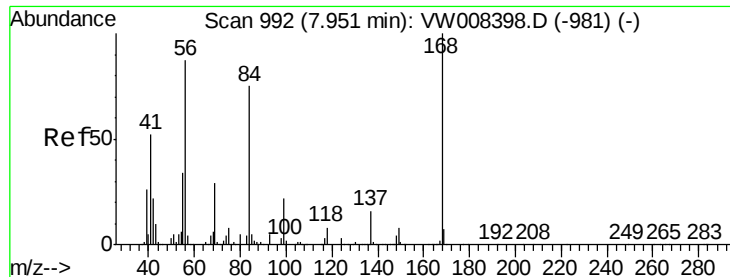
Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.3	31.9	47.9
71	40.6	29.9	44.9



#30
Chloroform
Concen: 16.838 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3

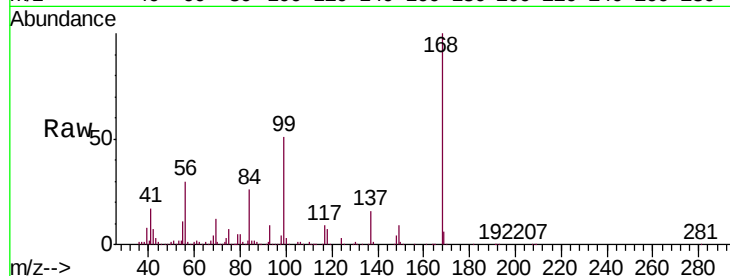




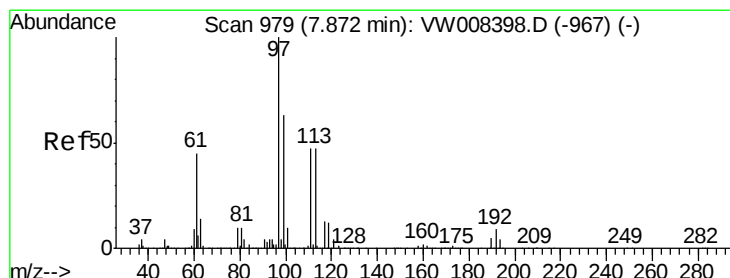
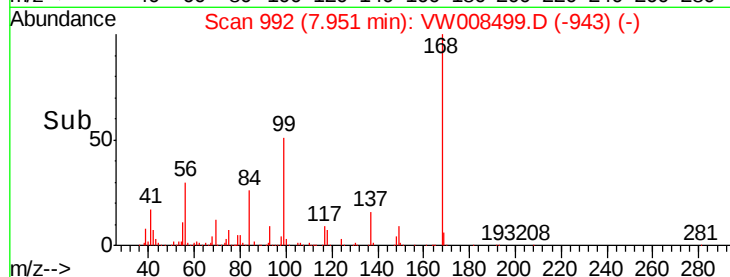
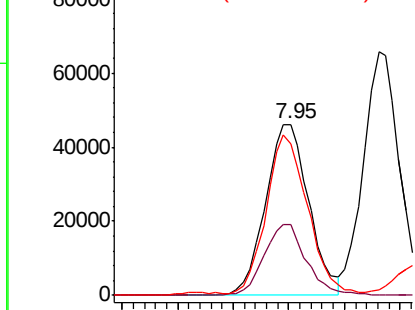
#31
Cyclohexane
Concen: 16.020 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

Tgt Ion: 56 Resp: 124578
Ion Ratio Lower Upper
56 100
69 40.9 26.4 39.6#
84 86.7 69.1 103.7

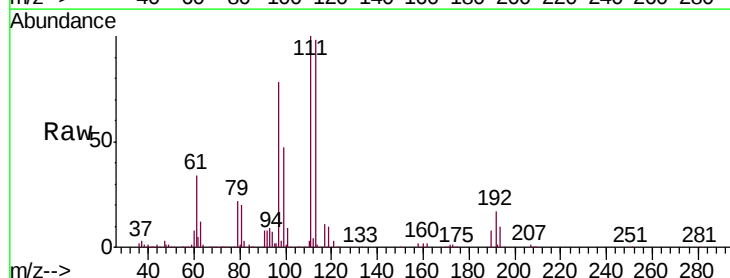


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

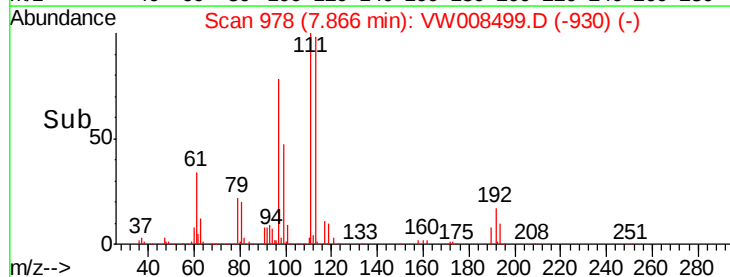
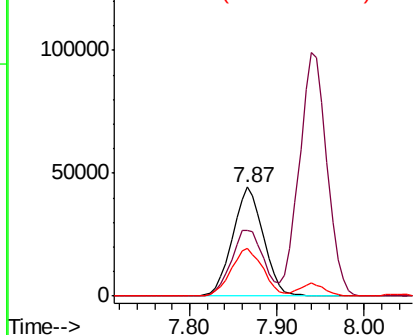


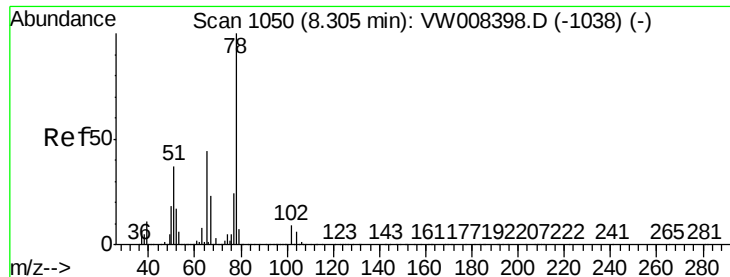
#32
1,1,1-Trichloroethane
Concen: 17.070 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 97 Resp: 109059
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 45.0 36.2 54.4



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: 46.270 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

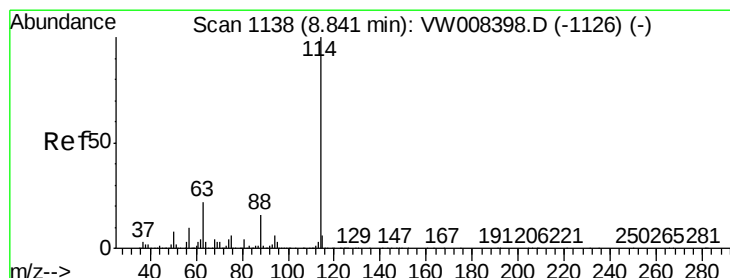
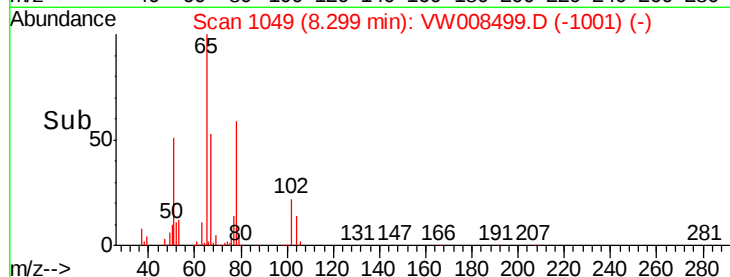
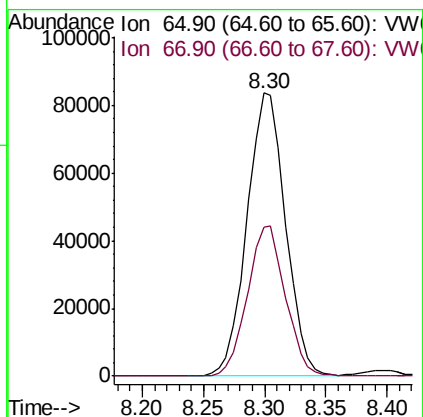
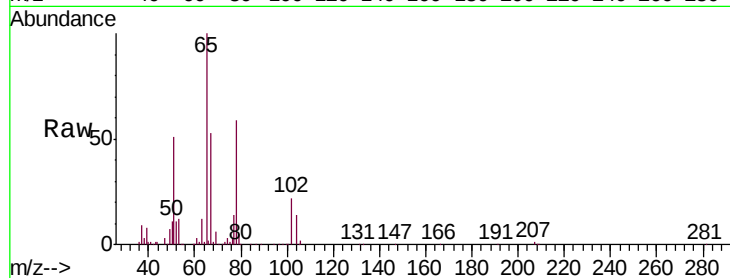
VW0204SBS01

Tgt Ion: 65 Resp: 183332

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

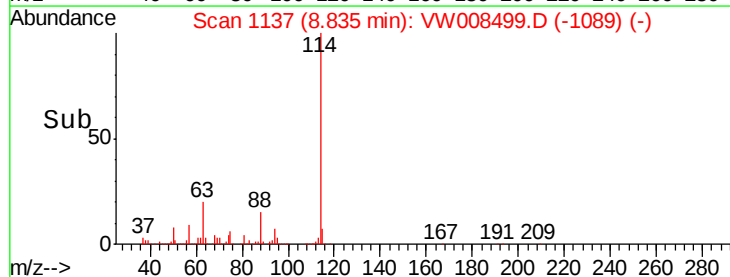
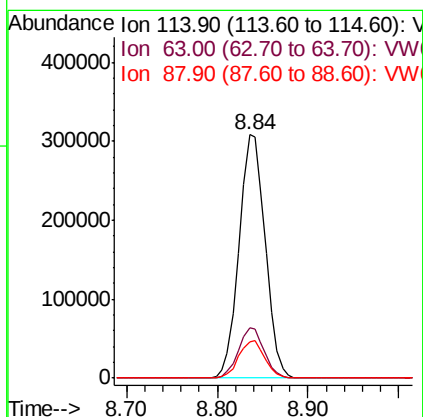
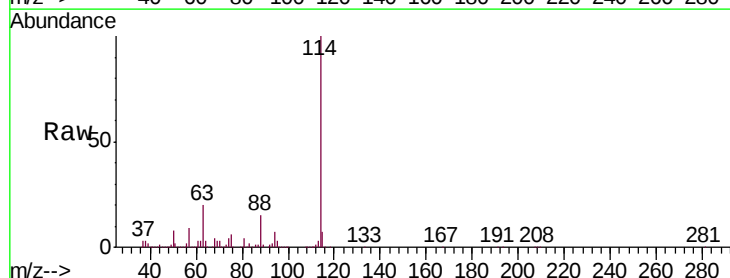
Tgt Ion: 114 Resp: 614497

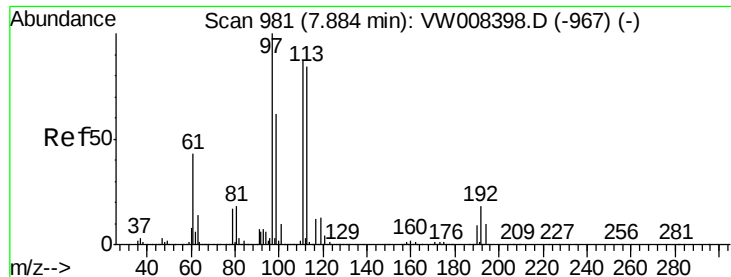
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.6

88 15.1 0.0 31.8

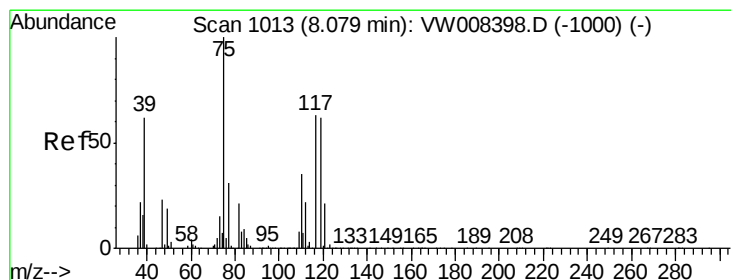
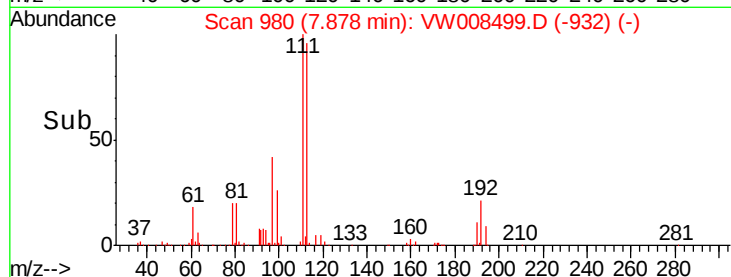
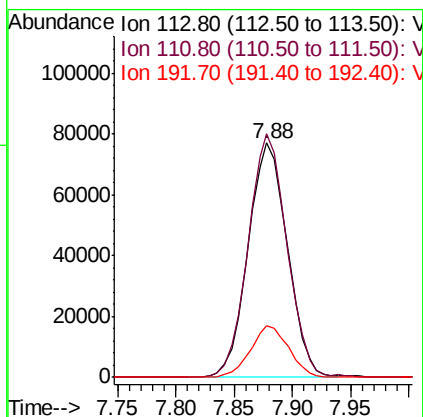
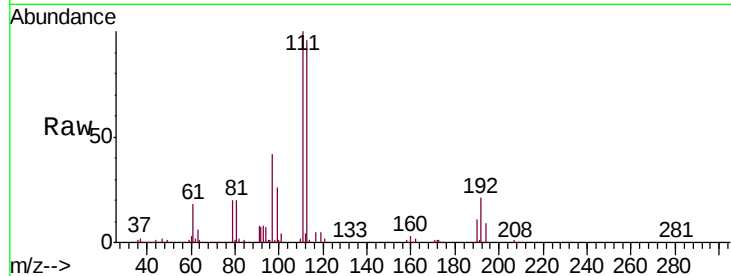




#35
 Dibromofluoromethane
 Concen: 50.113 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

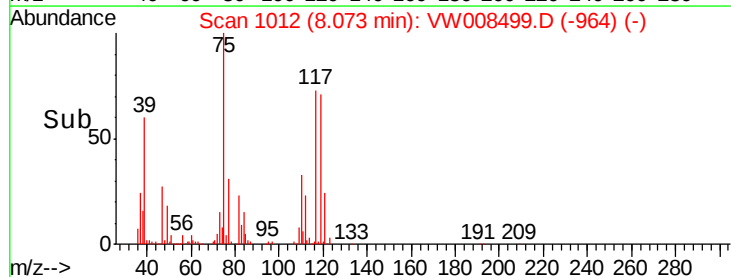
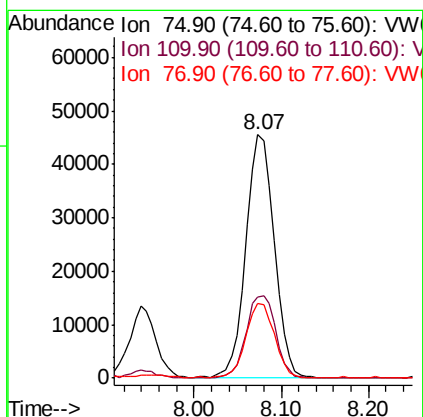
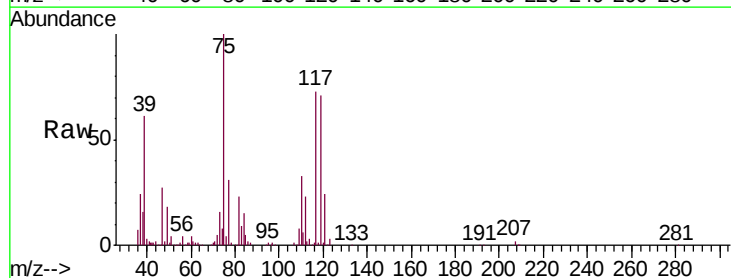
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

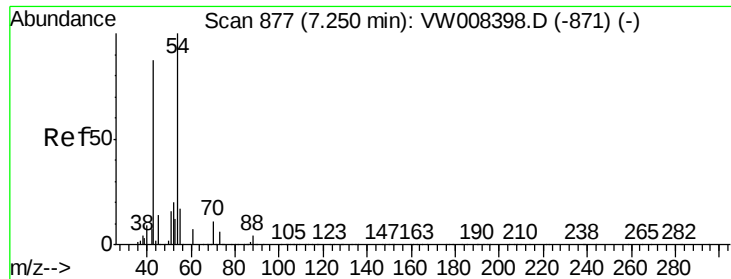
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	21.4	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 17.710 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	52.0
77	31.4	24.7	37.1

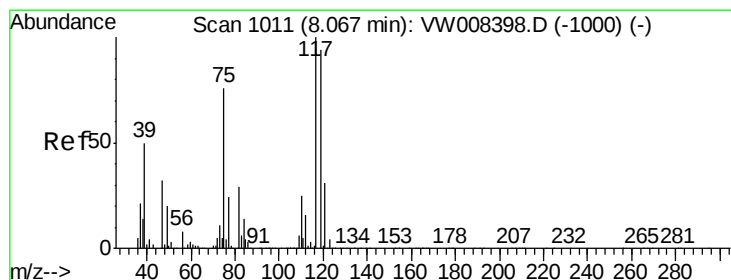
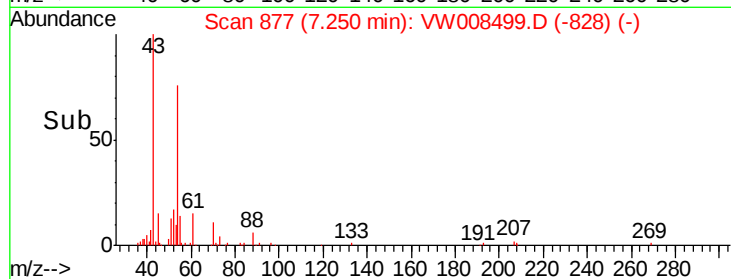
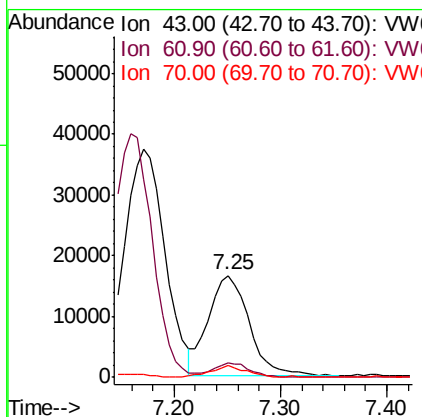
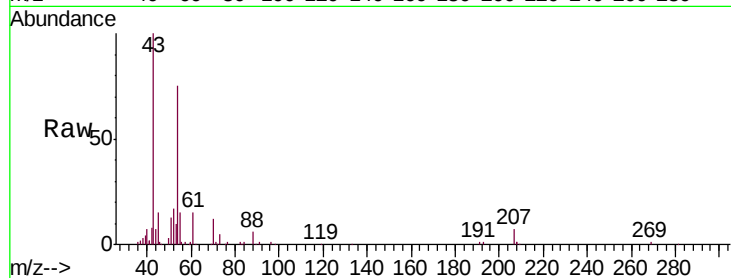




#37
Ethyl Acetate
Concen: 17.240 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

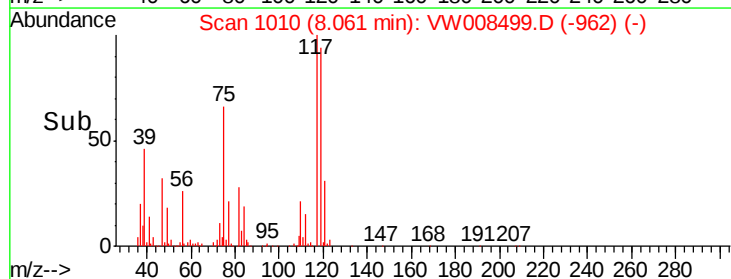
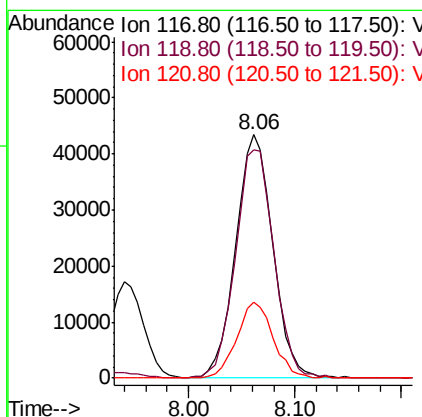
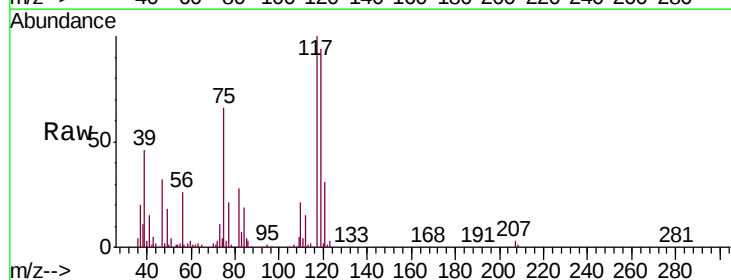
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

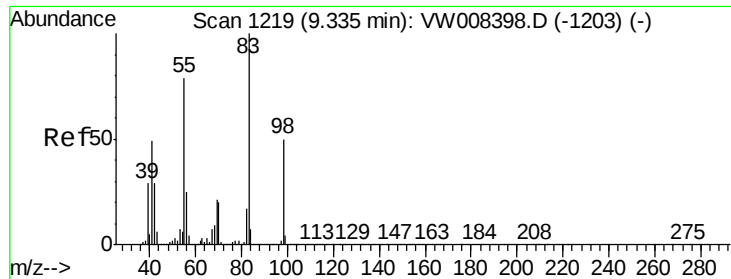
Tgt Ion: 43 Resp: 44274
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 10.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 18.108 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 117 Resp: 105769
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.4
121 31.1 24.9 37.3

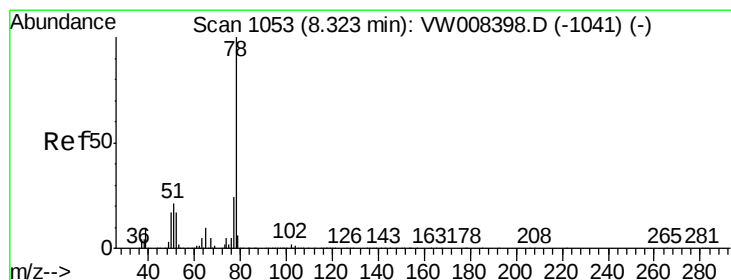
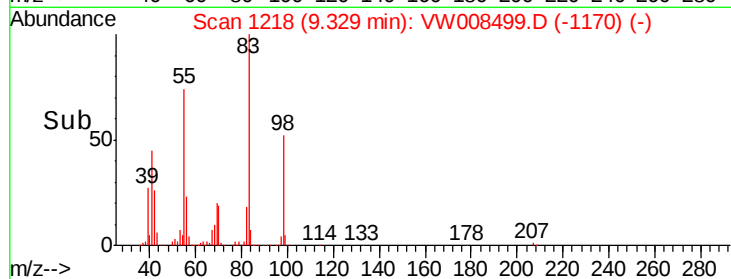
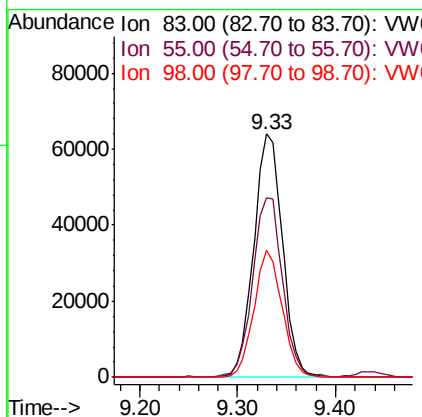
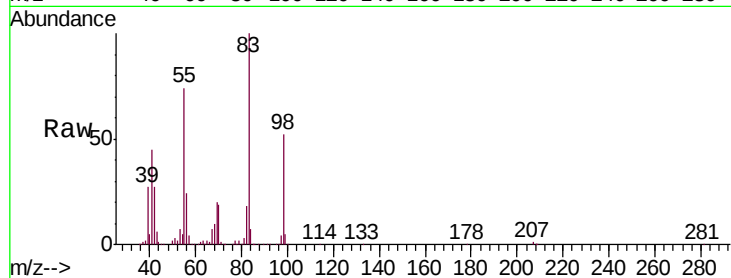




#39
Methylcyclohexane
Concen: 17.249 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

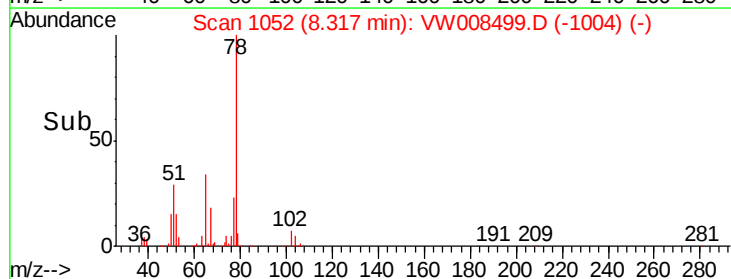
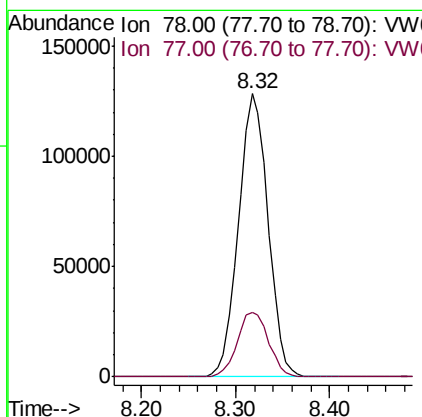
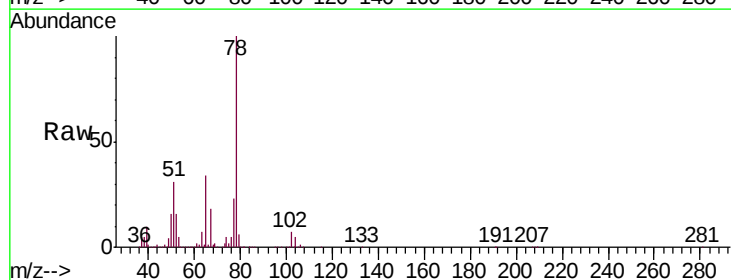
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

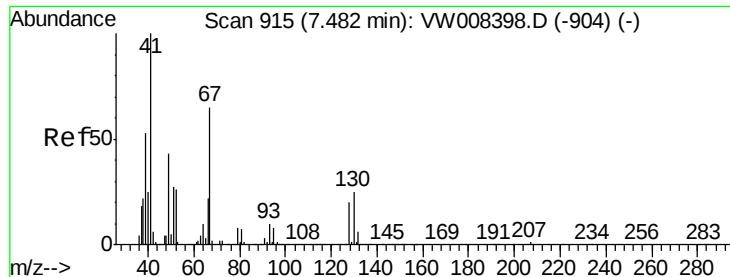
Tgt Ion: 83 Resp: 131527
Ion Ratio Lower Upper
83 100
55 73.4 63.3 94.9
98 52.0 39.7 59.5



#40
Benzene
Concen: 17.310 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 78 Resp: 278806
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6





#41

Methacrylonitrile

Concen: 17.032 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

Tgt Ion: 41 Resp: 25900

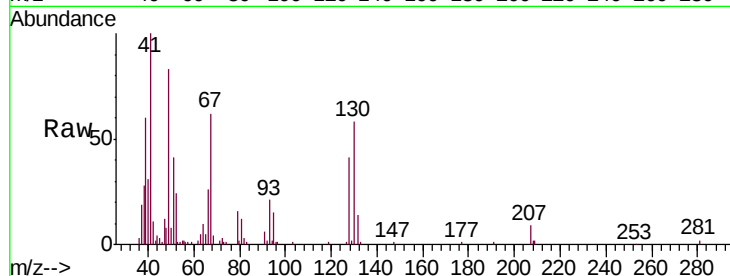
Ion Ratio Lower Upper

41 100

39 55.2 43.4 65.0

67 69.6 54.2 81.2

52 31.3 22.9 34.3

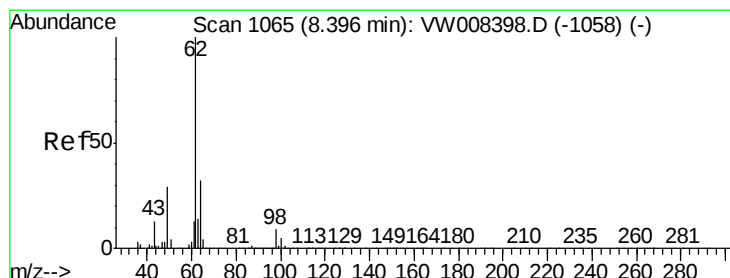
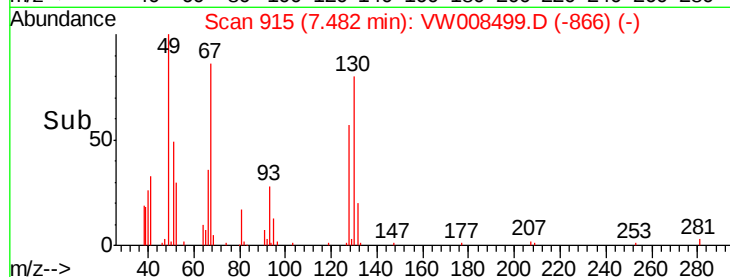
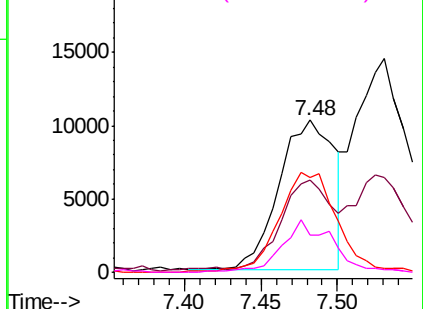


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 17.339 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008499.D

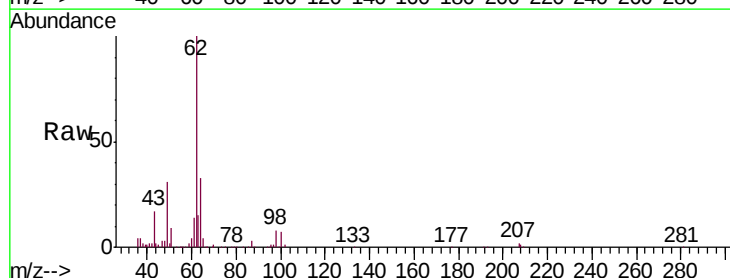
Acq: 04 Feb 2019 11:21

Tgt Ion: 62 Resp: 80935

Ion Ratio Lower Upper

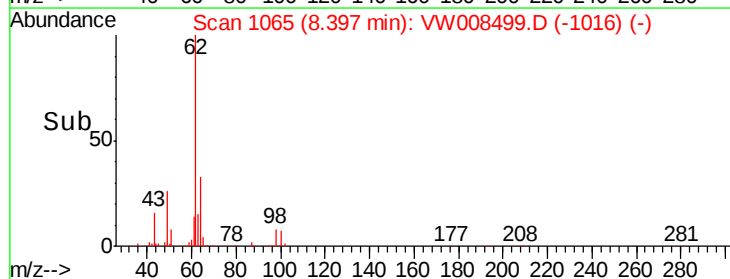
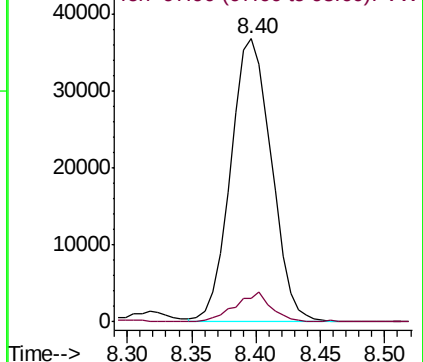
62 100

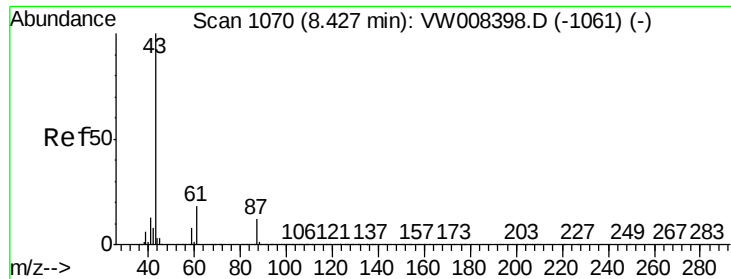
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 16.837 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

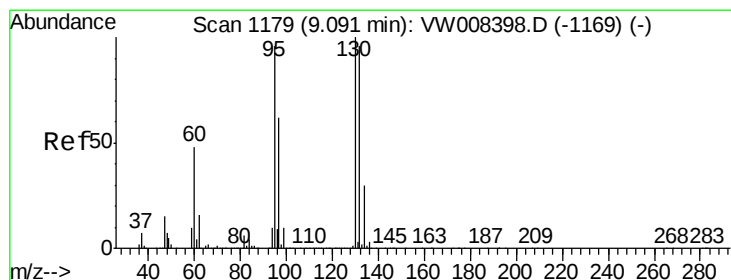
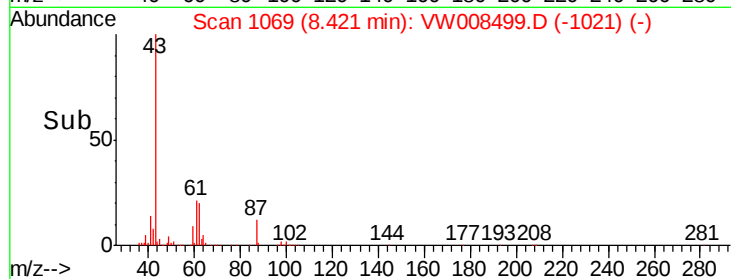
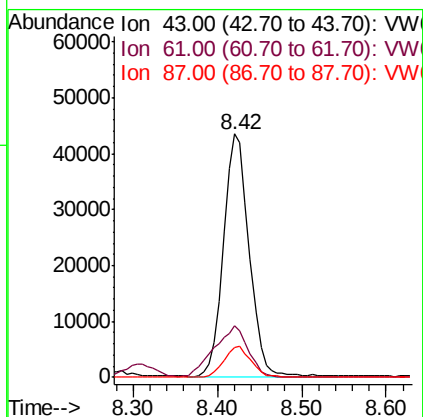
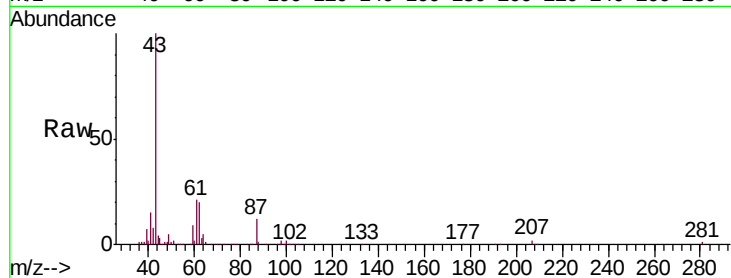
Tgt Ion: 43 Resp: 89834

Ion Ratio Lower Upper

43 100

61 28.6 22.0 33.0

87 13.3 9.3 13.9



#44

Trichloroethene

Concen: 18.360 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008499.D

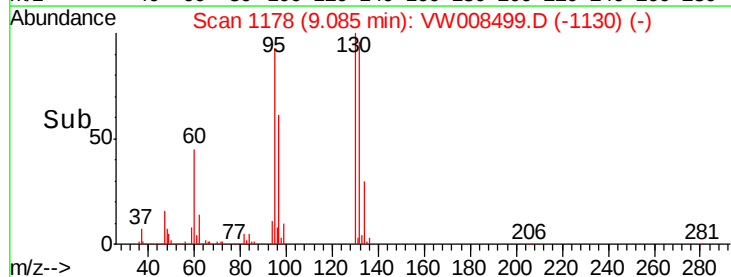
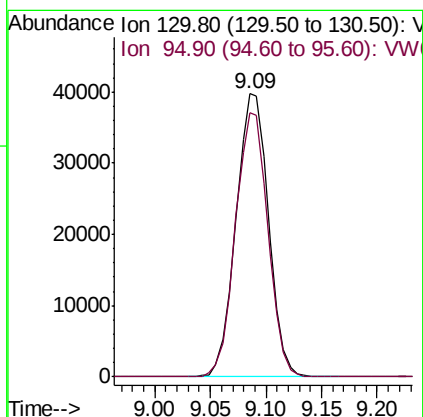
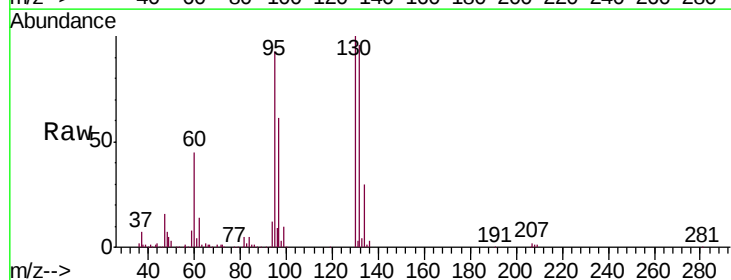
Acq: 04 Feb 2019 11:21

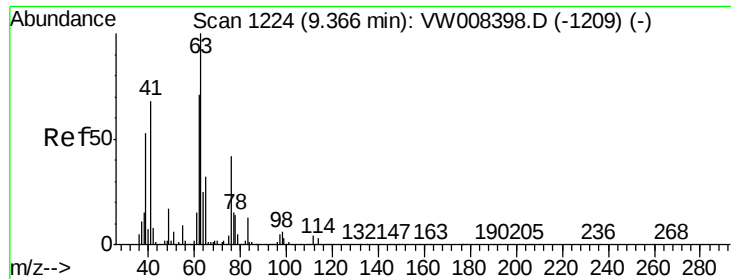
Tgt Ion: 130 Resp: 80416

Ion Ratio Lower Upper

130 100

95 93.3 0.0 191.6

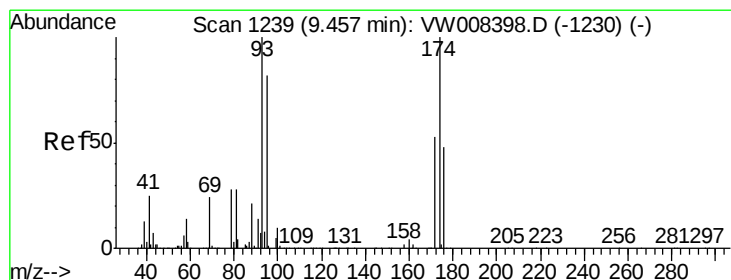
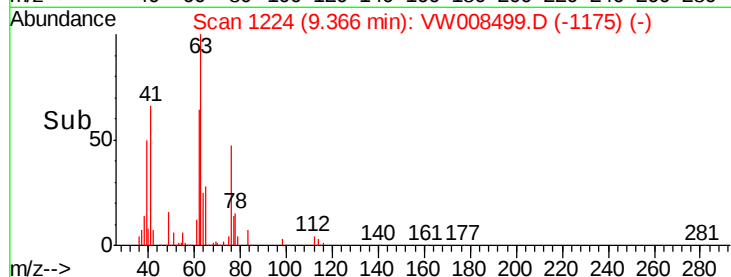
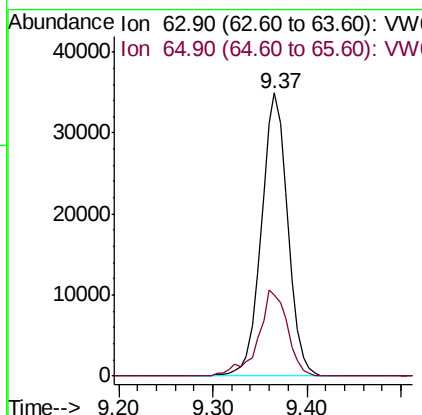
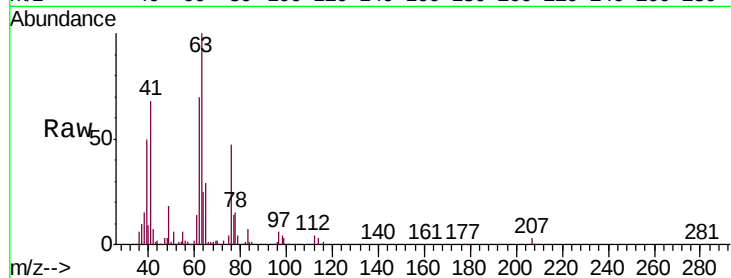




#45
 1,2-Dichloropropane
 Concen: 17.130 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

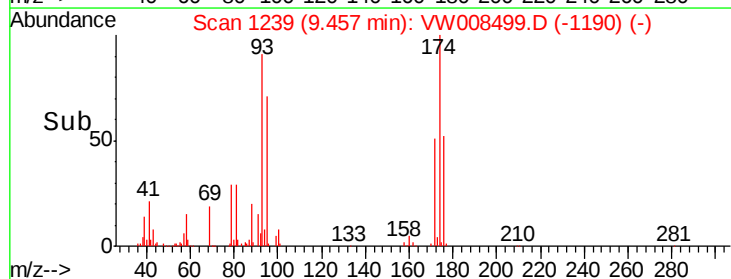
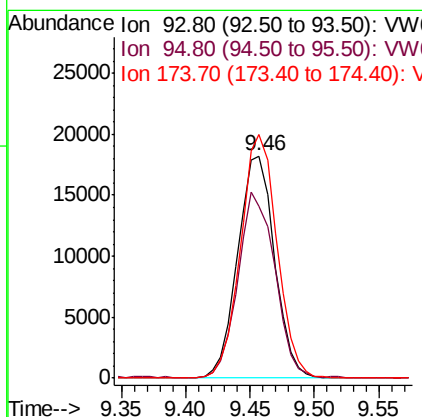
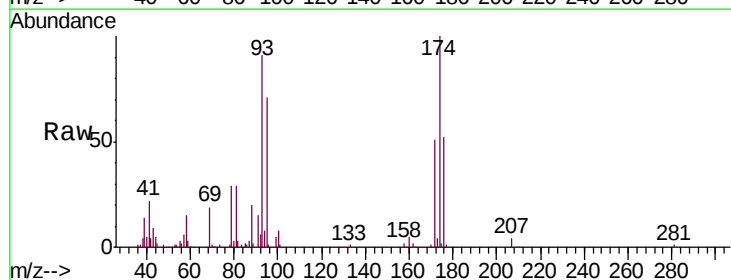
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

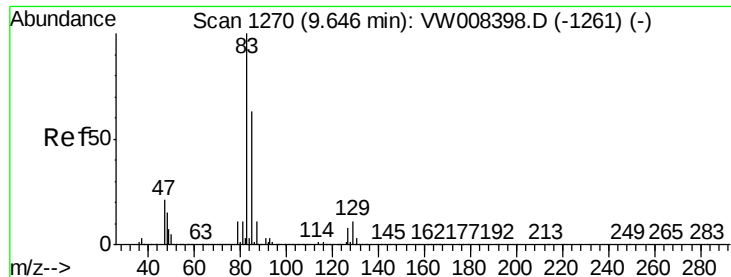
Tgt Ion: 63 Resp: 68795
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.2 37.8



#46
 Dibromomethane
 Concen: 17.502 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion: 93 Resp: 36152
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 108.0 81.0 121.6

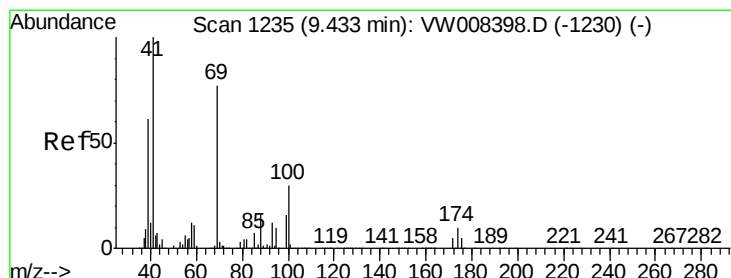
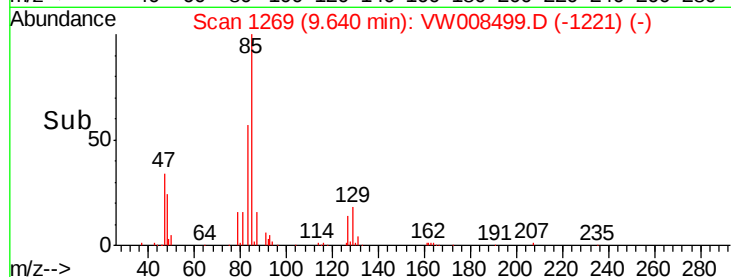
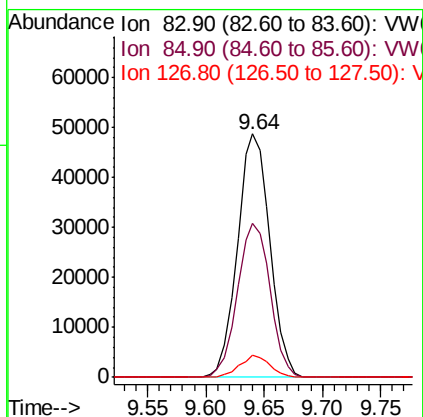
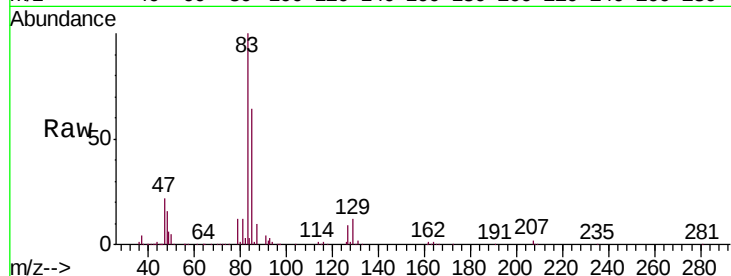




#47
Bromodichloromethane
Concen: 17.299 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

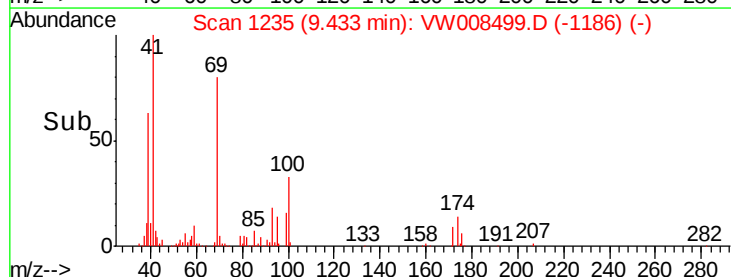
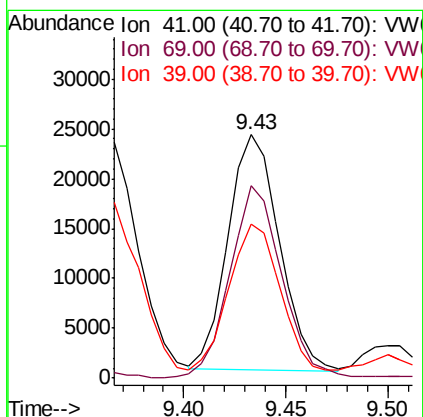
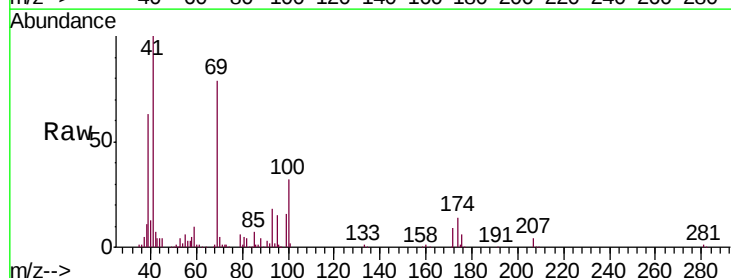
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

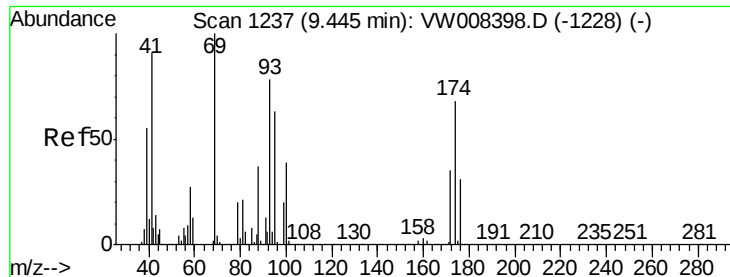
Tgt Ion: 83 Resp: 94513
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 9.2 6.8 10.2



#48
Methyl methacrylate
Concen: 15.740 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 41 Resp: 41063
Ion Ratio Lower Upper
41 100
69 84.2 64.8 97.2
39 63.0 49.1 73.7

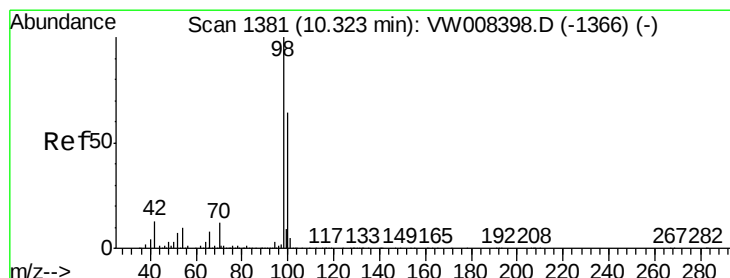
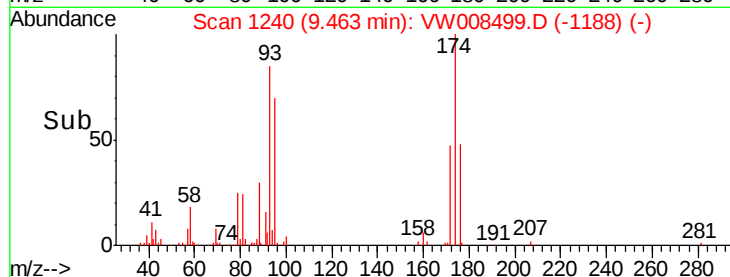
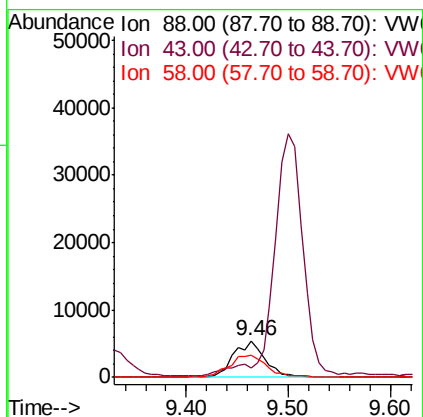
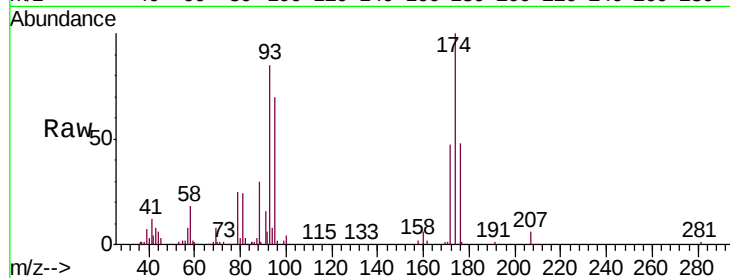




#49
1,4-Dioxane
Concen: 334.436 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

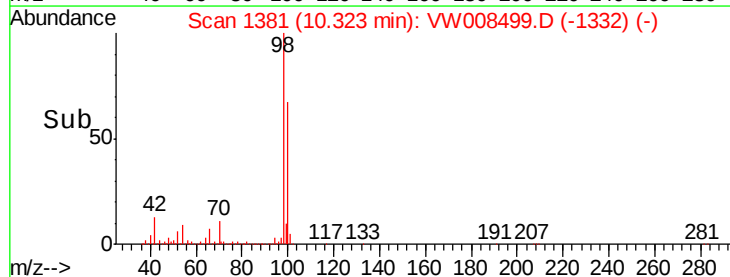
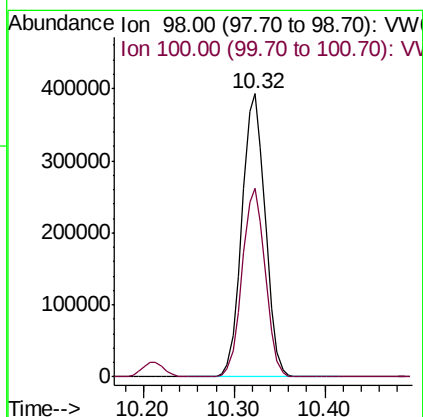
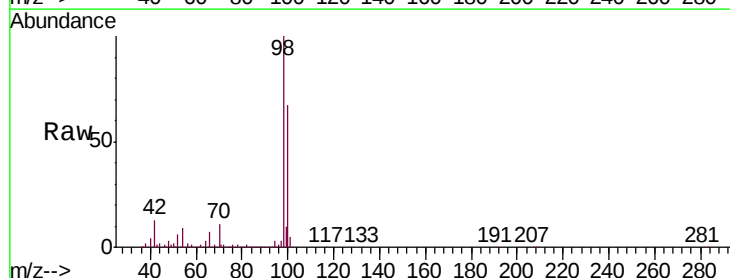
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

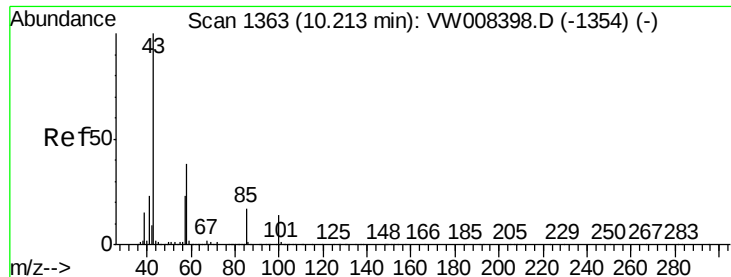
Tgt Ion: 88 Resp: 11677
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 73.2 56.4 84.6



#50
Toluene-d8
Concen: 48.315 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 98 Resp: 696160
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

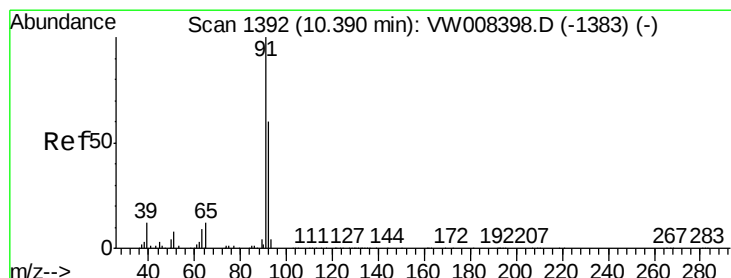
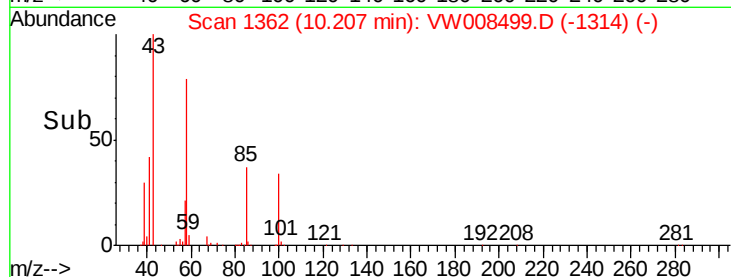
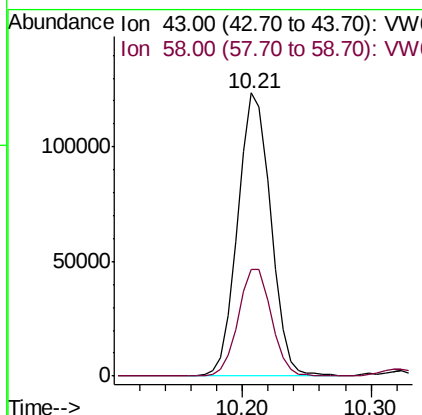
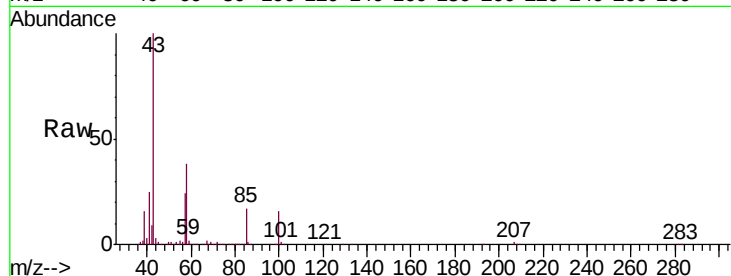




#51
 4-Methyl-2-Pentanone
 Concen: 82.828 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

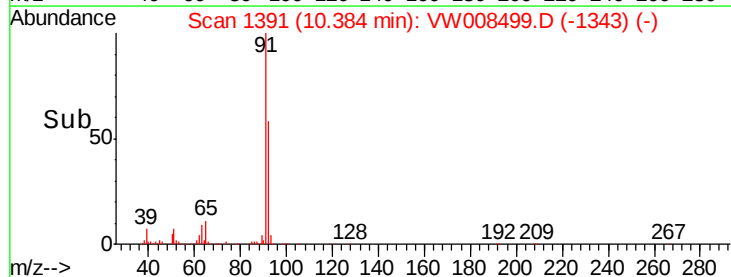
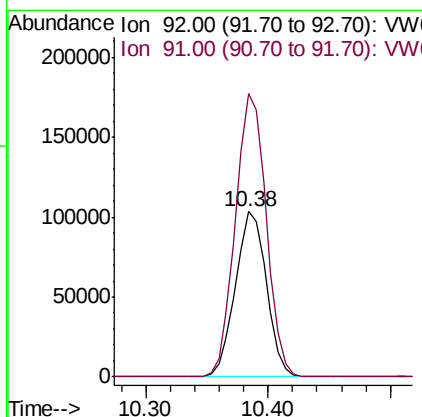
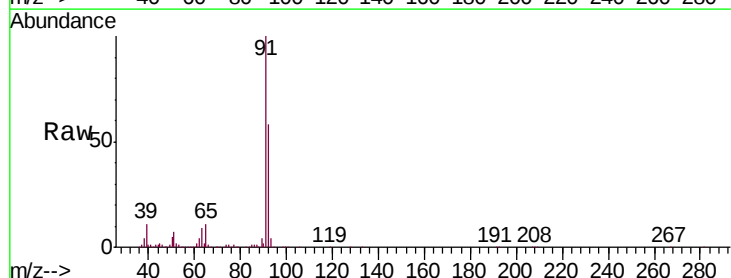
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

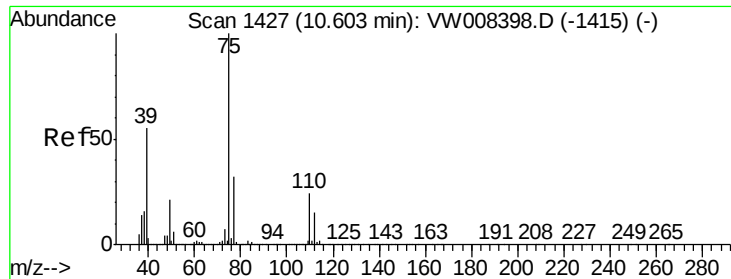
Tgt Ion: 43 Resp: 218320
 Ion Ratio Lower Upper
 43 100
 58 38.3 29.7 44.5



#52
 Toluene
 Concen: 17.170 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion: 92 Resp: 182562
 Ion Ratio Lower Upper
 92 100
 91 169.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 16.730 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

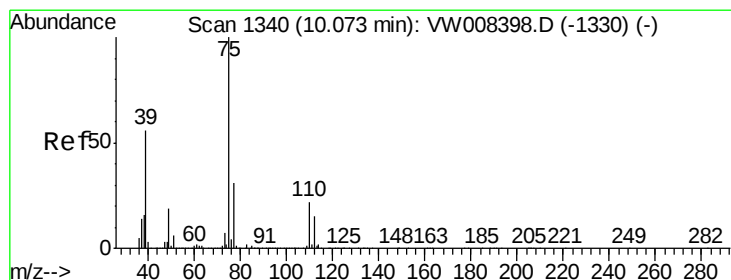
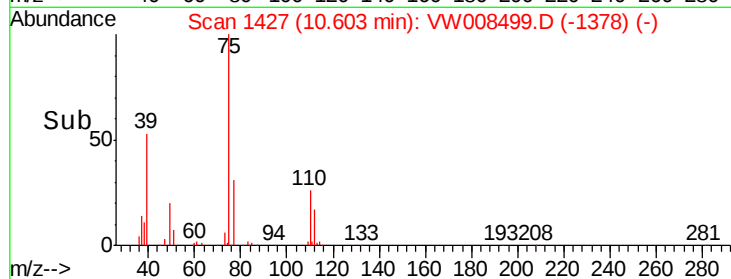
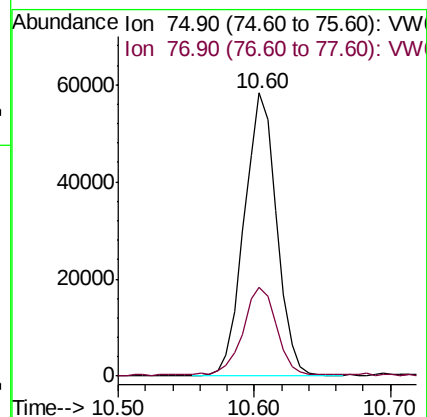
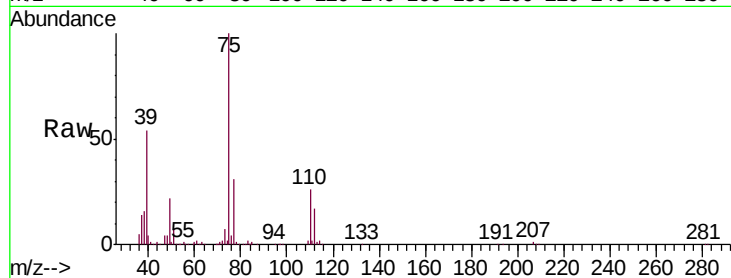
VW0204SBS01

Tgt Ion: 75 Resp: 97265

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.009 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

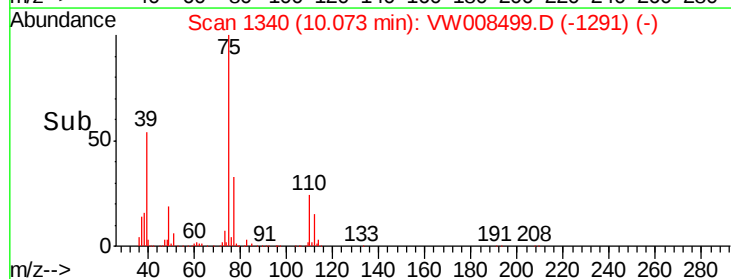
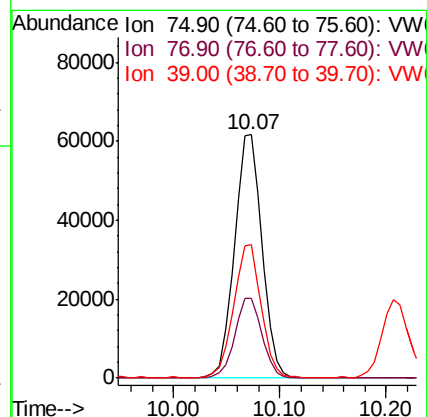
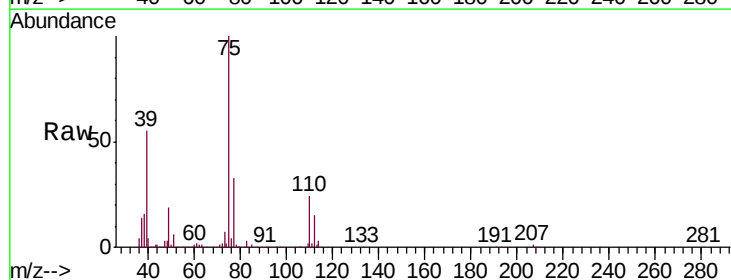
Tgt Ion: 75 Resp: 112220

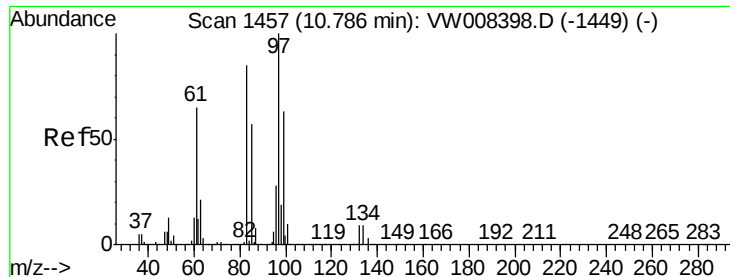
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.4

39 54.3 44.9 67.3

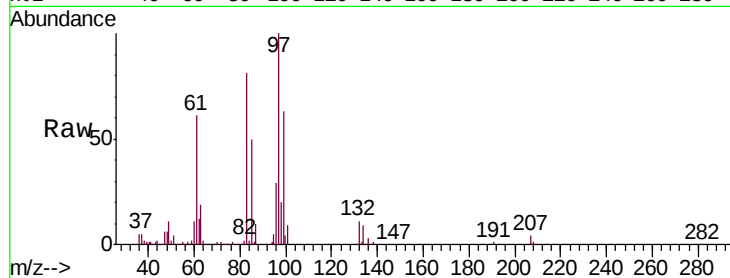




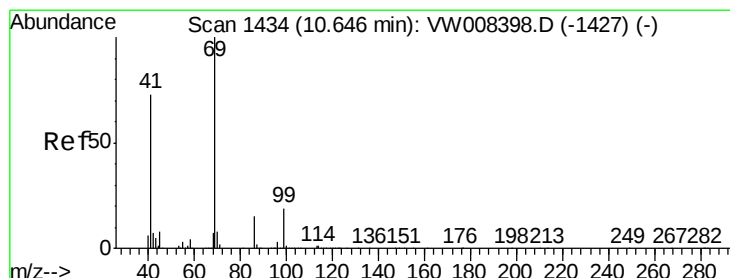
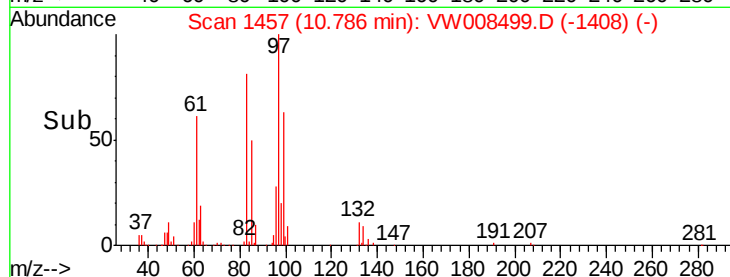
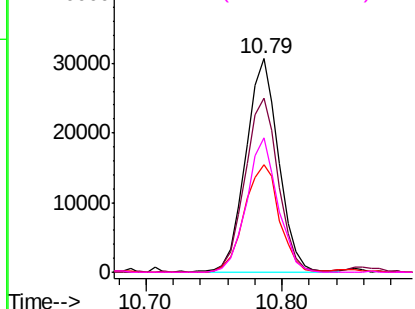
#55
 1,1,2-Trichloroethane
 Concen: 17.985 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

Tgt Ion:	97	Resp:	51529
Ion	Ratio	Lower	Upper
97	100		
83	81.4	68.4	102.6
85	50.2	45.3	67.9
99	63.2	50.6	76.0

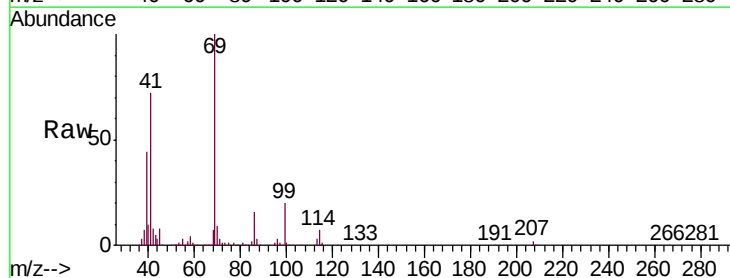


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

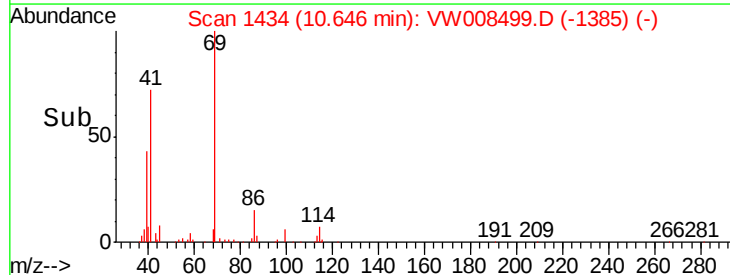
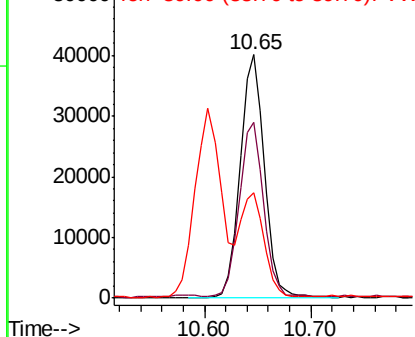


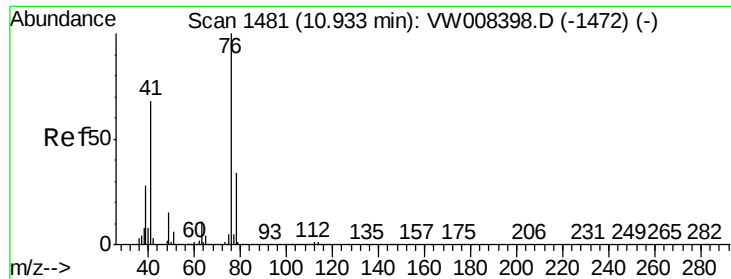
#56
 Ethyl methacrylate
 Concen: 15.917 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion:	69	Resp:	63901
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.7	88.1
39	40.4	32.6	48.8



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

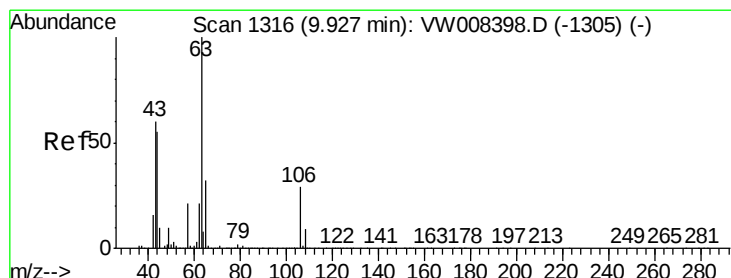
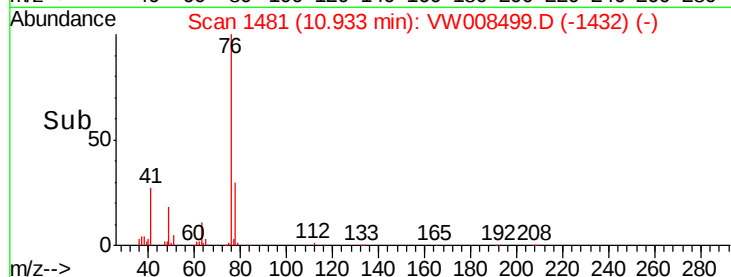
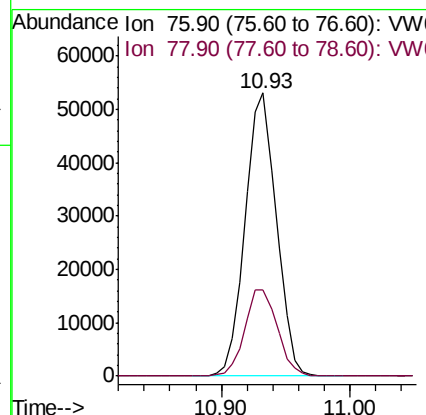
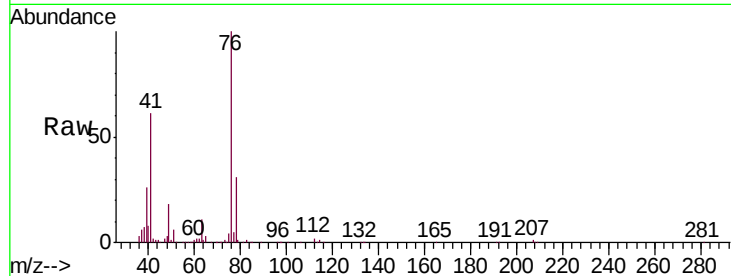




#57
 1,3-Dichloropropane
 Concen: 17.276 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

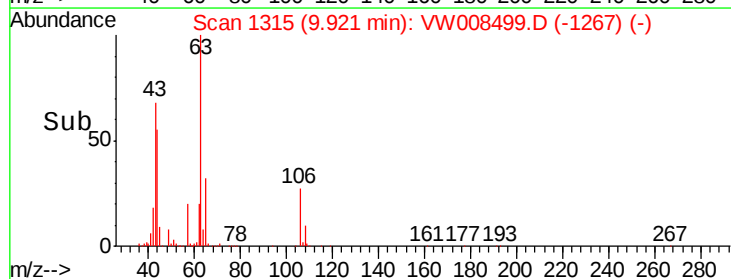
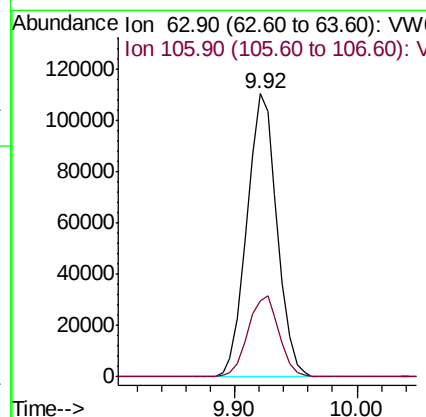
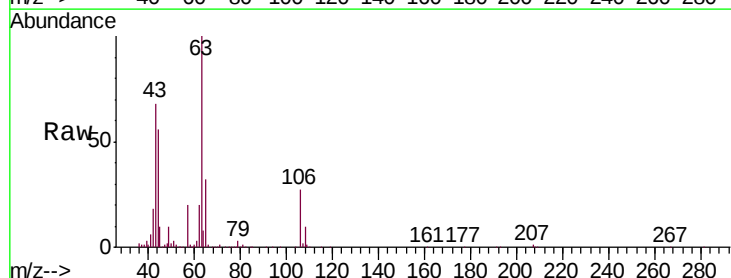
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

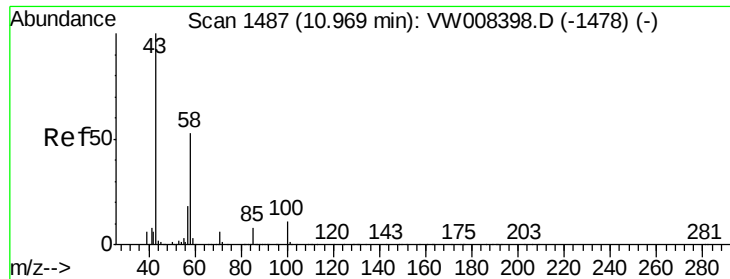
Tgt Ion: 76 Resp: 88679
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.720 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion: 63 Resp: 188665
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.4 33.6





#59

2-Hexanone

Concen: 83.870 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

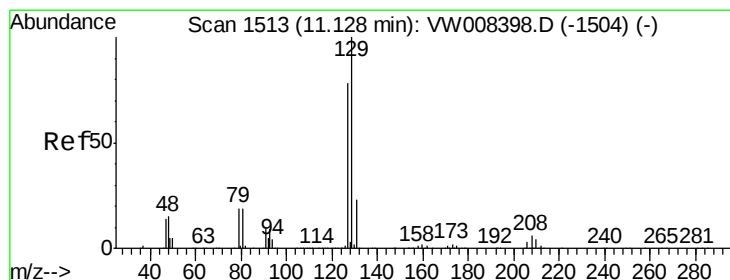
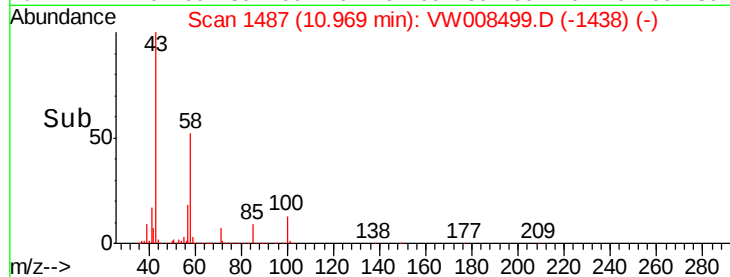
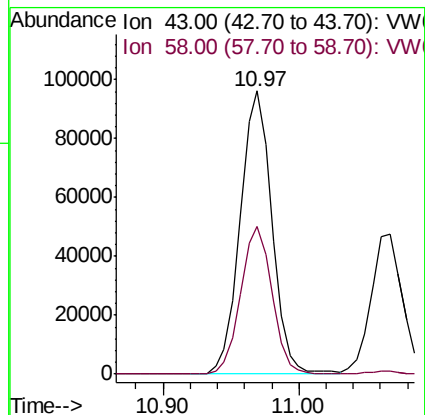
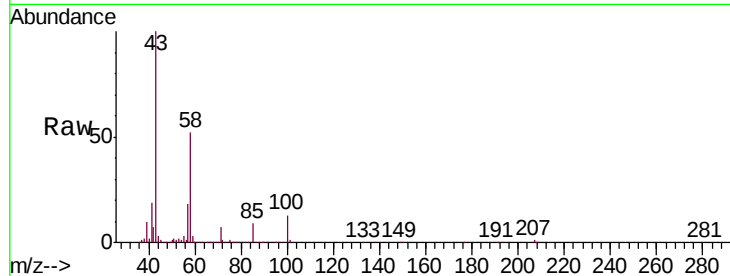
VW0204SBS01

Tgt Ion: 43 Resp: 156065

Ion Ratio Lower Upper

43 100

58 52.0 25.9 77.7



#60

Dibromochloromethane

Concen: 17.462 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008499.D

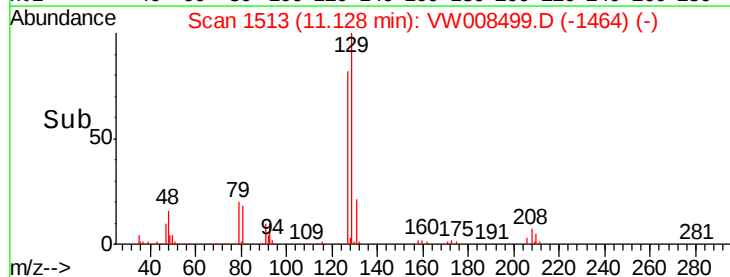
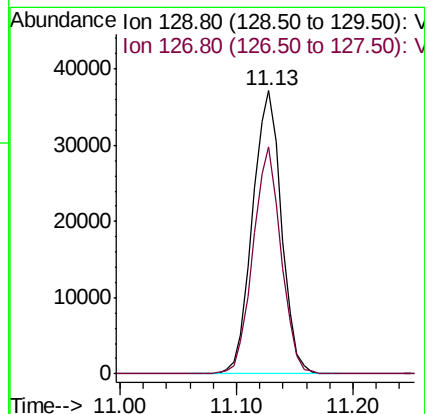
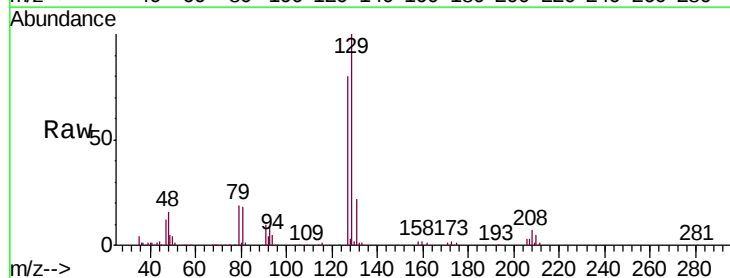
Acq: 04 Feb 2019 11:21

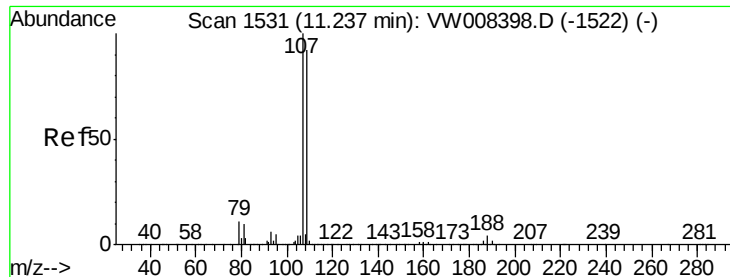
Tgt Ion: 129 Resp: 64295

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.2

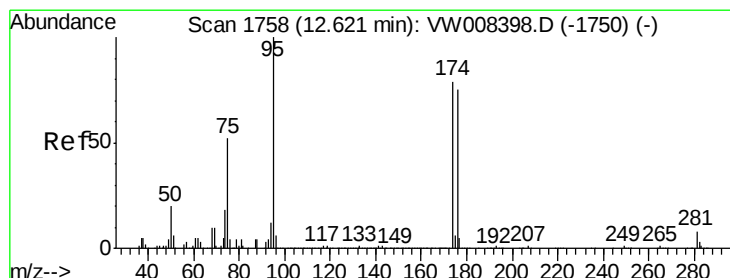
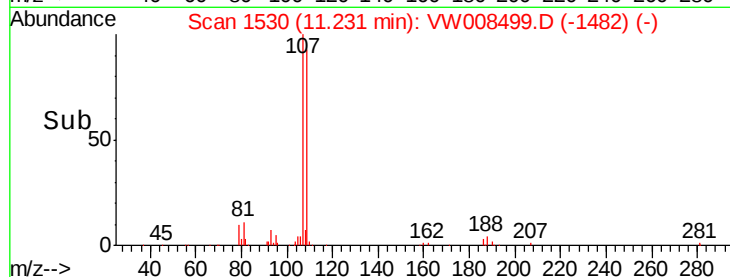
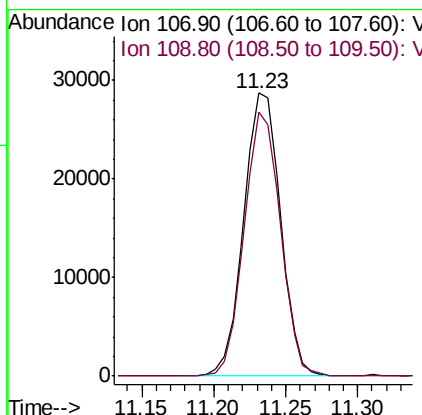
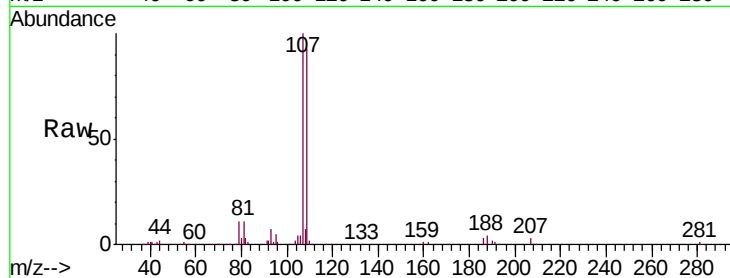




#61
 1,2-Dibromoethane
 Concen: 17.889 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

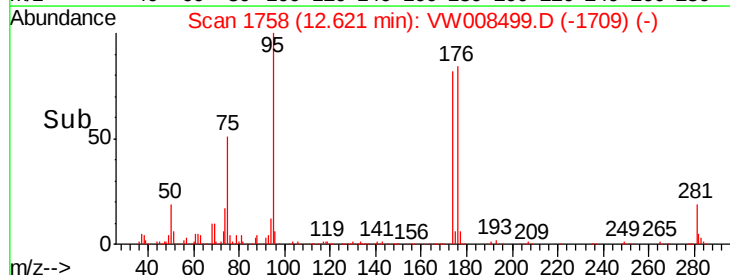
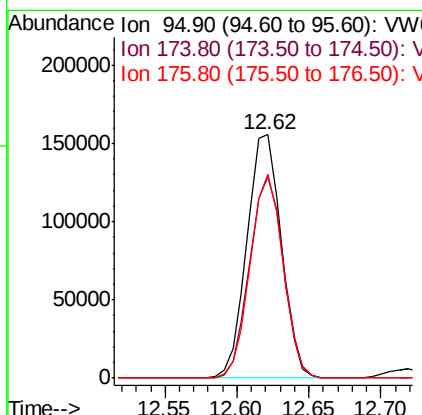
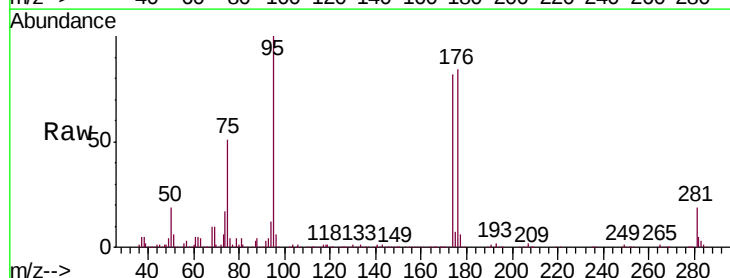
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

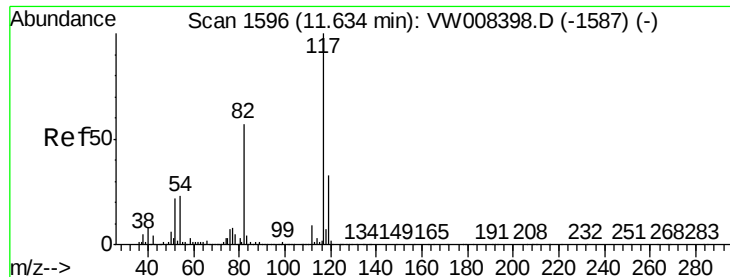
Tgt Ion: 107 Resp: 50820
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 46.181 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion: 95 Resp: 255772
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 157.6
 176 80.2 0.0 151.8

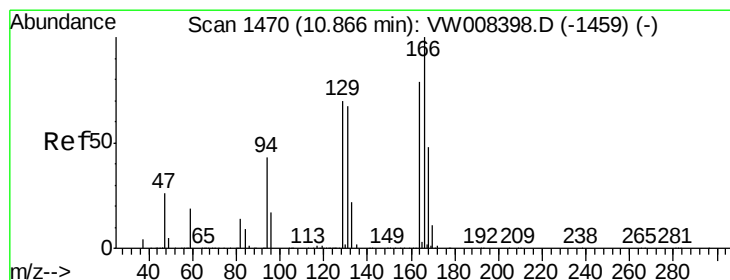
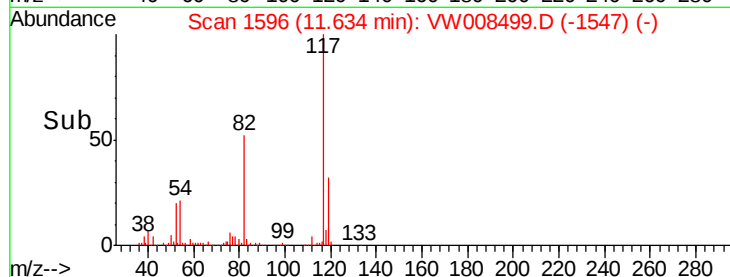
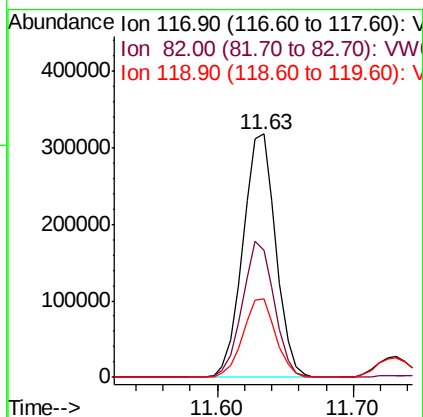
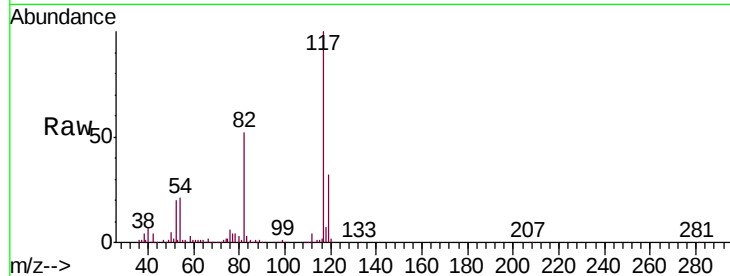




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

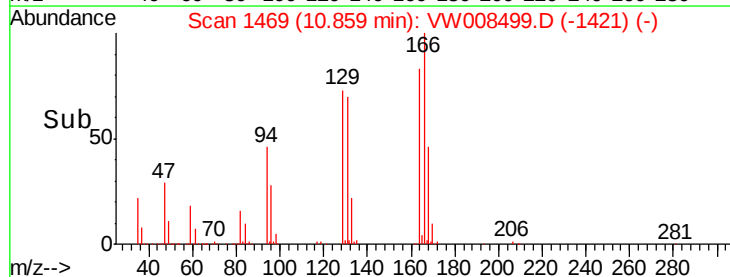
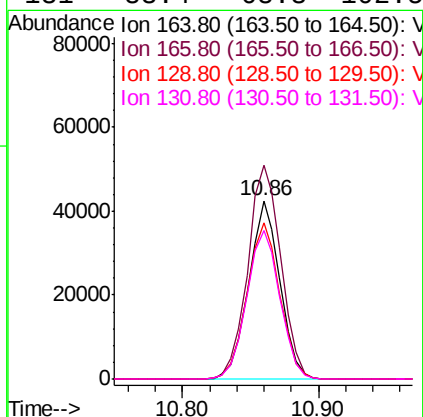
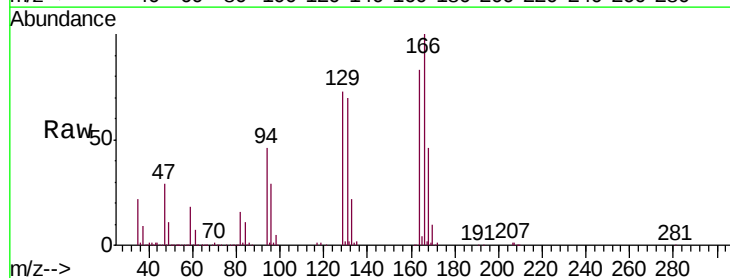
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

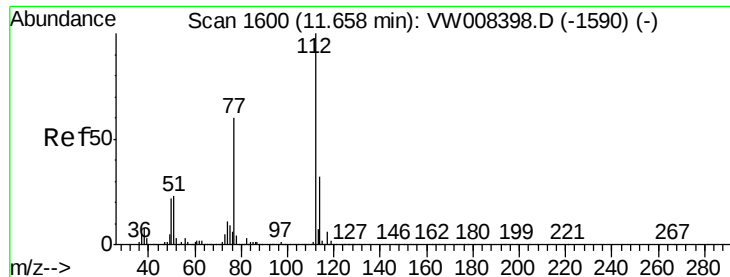
Tgt Ion:117 Resp: 536373
Ion Ratio Lower Upper
117 100
82 52.2 45.4 68.0
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 18.871 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion:164 Resp: 68532
Ion Ratio Lower Upper
164 100
166 119.9 101.4 152.0
129 87.8 71.0 106.6
131 83.4 68.3 102.5

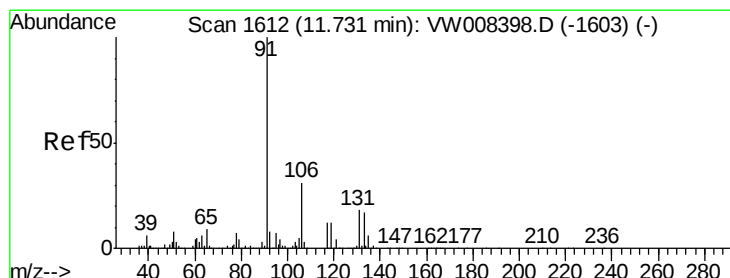
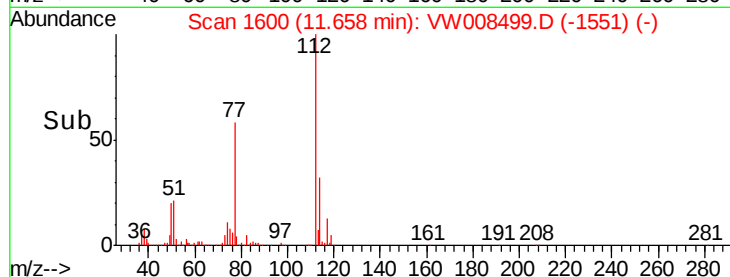
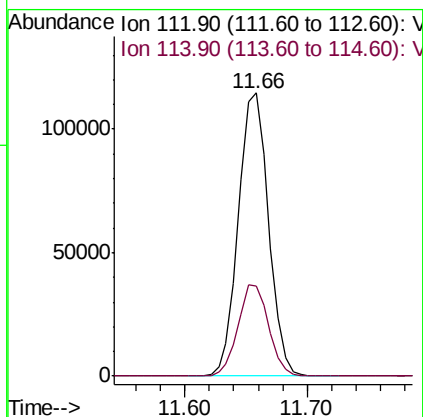
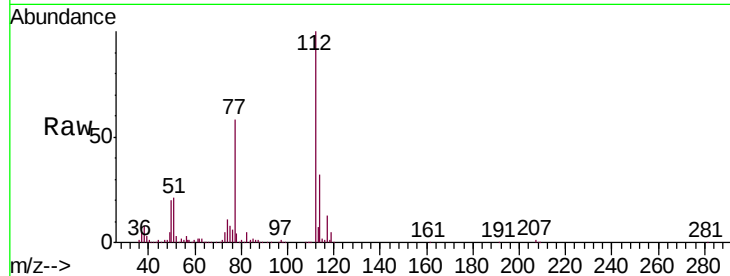




#65
Chlorobenzene
Concen: 17.854 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

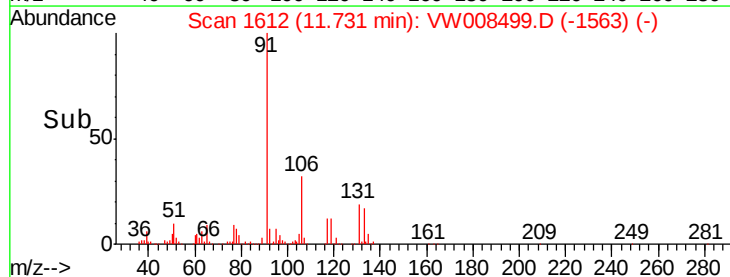
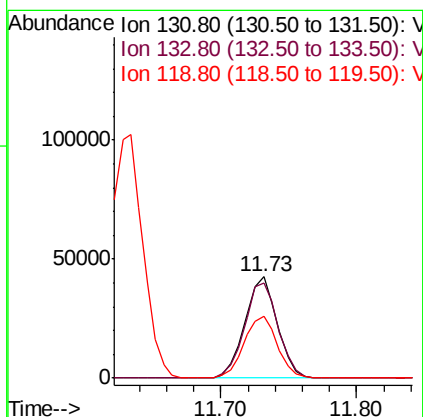
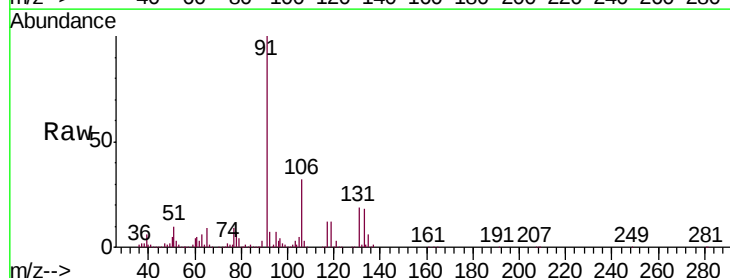
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

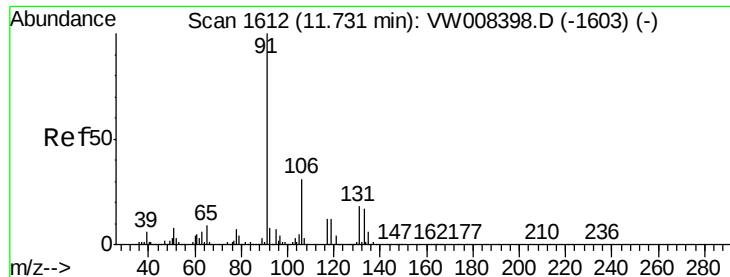
Tgt Ion:112 Resp: 195485
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.026 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion:131 Resp: 70616
Ion Ratio Lower Upper
131 100
133 97.7 47.0 141.2
119 63.0 32.1 96.3





#67

Ethyl Benzene

Concen: 17.649 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

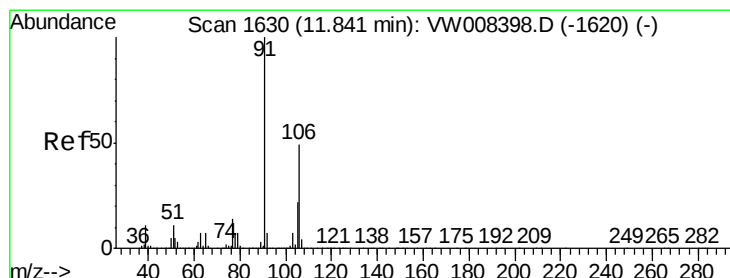
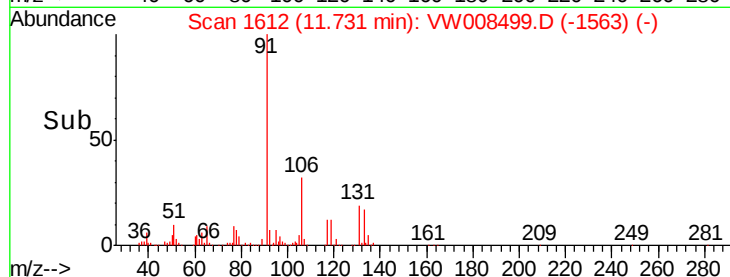
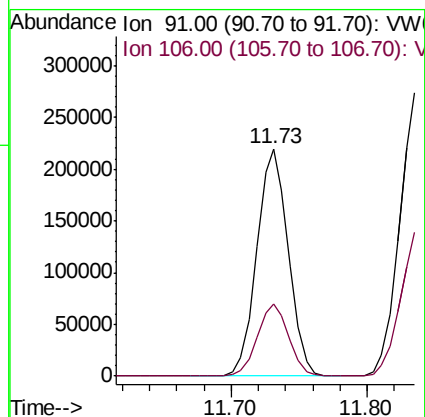
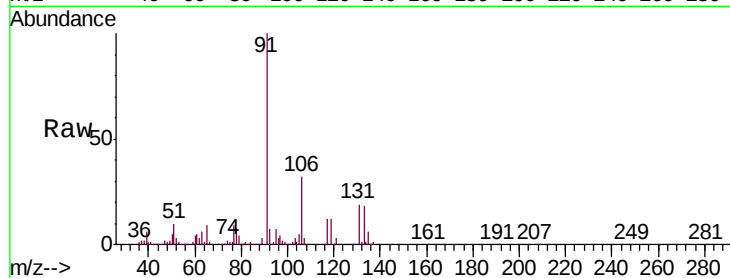
VW0204SBS01

Tgt Ion: 91 Resp: 355210

Ion Ratio Lower Upper

91 100

106 31.5 24.7 37.1



#68

m/p-Xylenes

Concen: 35.236 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008499.D

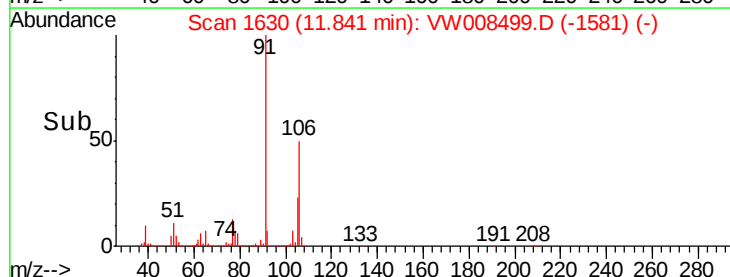
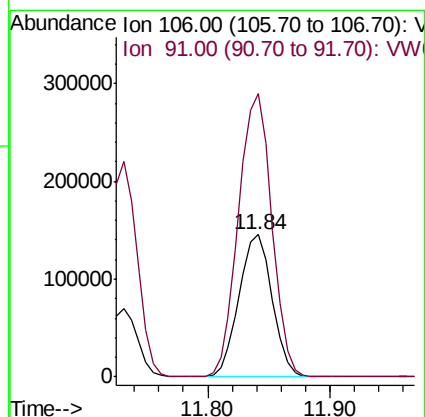
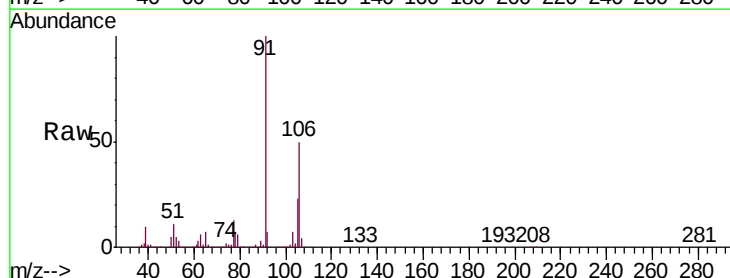
Acq: 04 Feb 2019 11:21

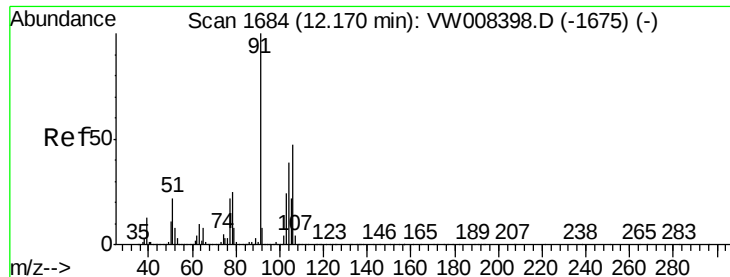
Tgt Ion: 106 Resp: 275156

Ion Ratio Lower Upper

106 100

91 199.3 162.9 244.3

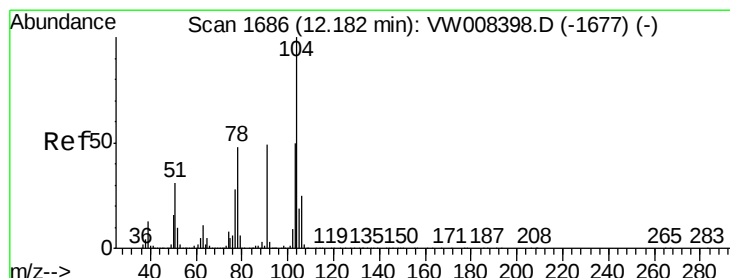
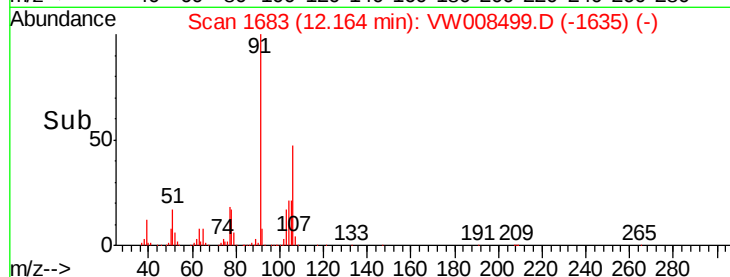
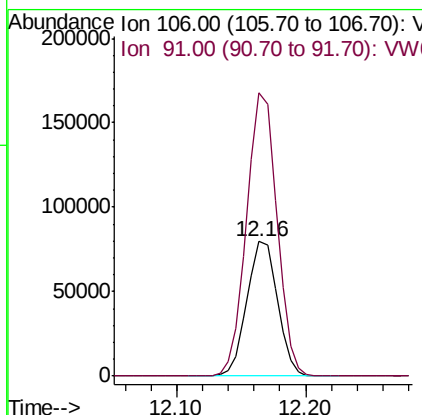
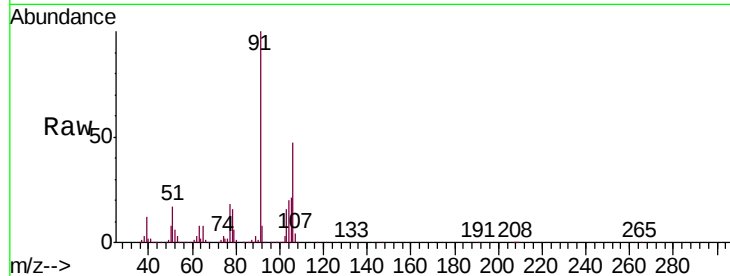




#69
o-Xylene
Concen: 17.656 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

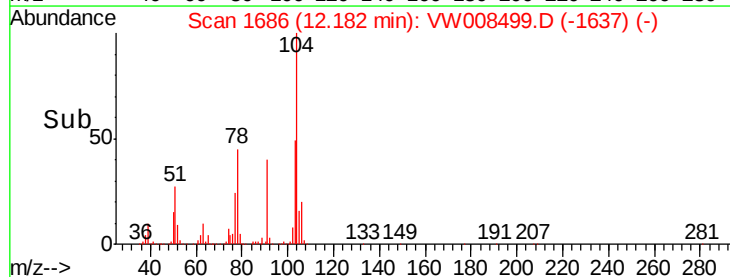
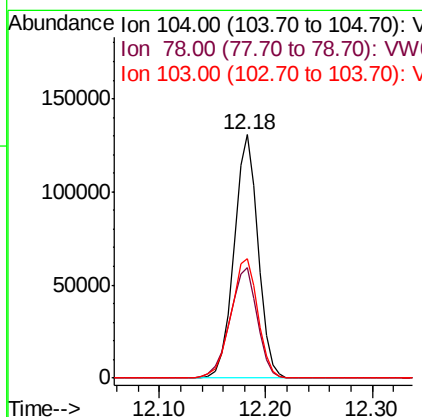
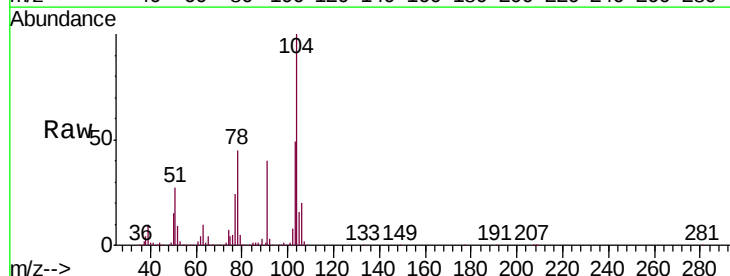
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

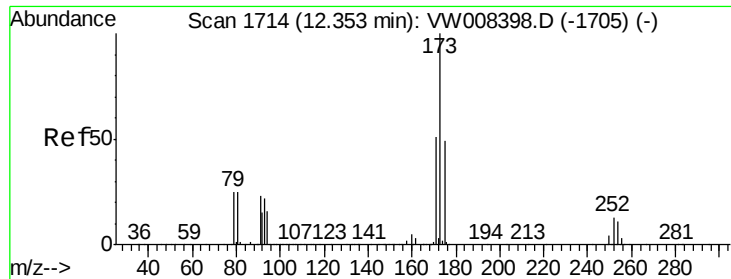
Tgt Ion:106 Resp: 131002
Ion Ratio Lower Upper
106 100
91 208.6 107.5 322.4



#70
Styrene
Concen: 16.870 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion:104 Resp: 206752
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 55.1 43.4 65.0

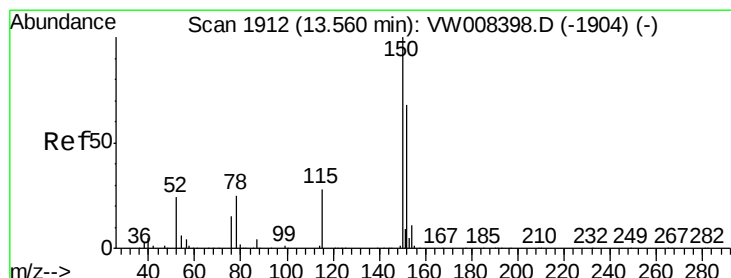
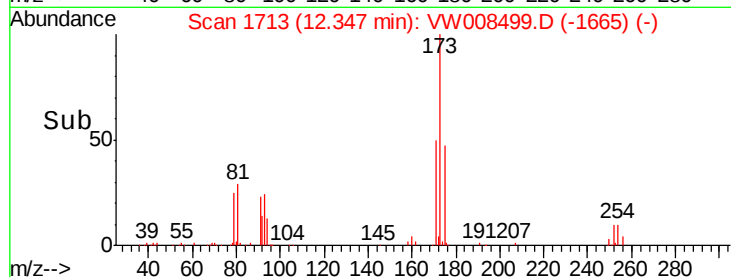
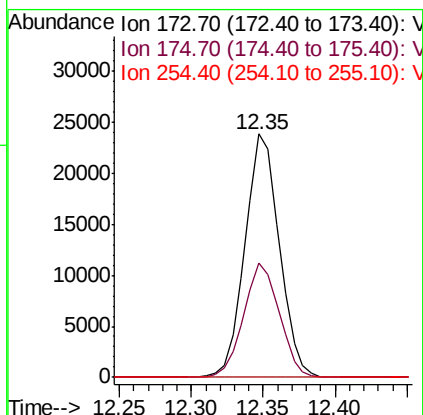
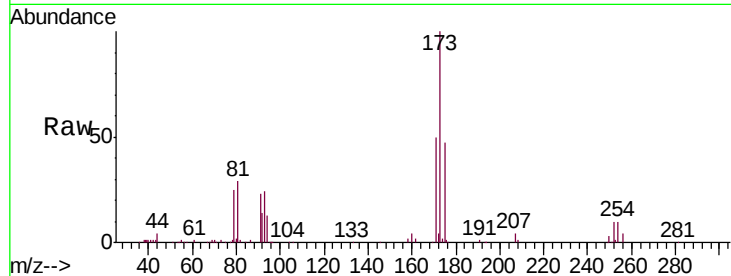




#71
Bromoform
Concen: 17.833 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

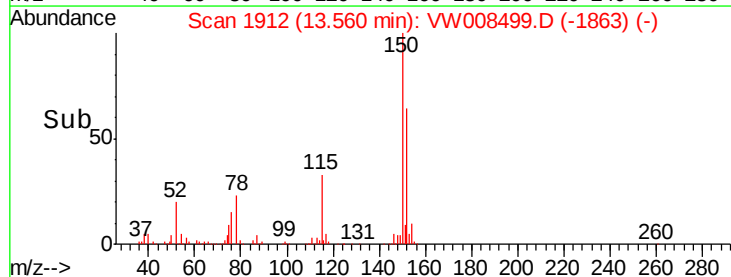
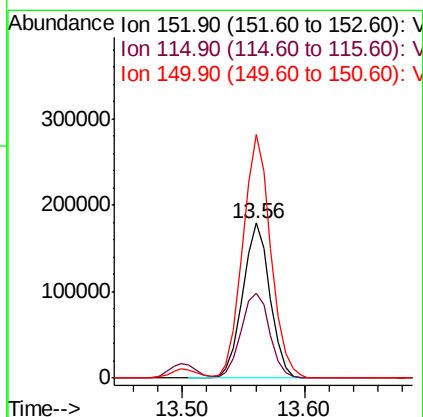
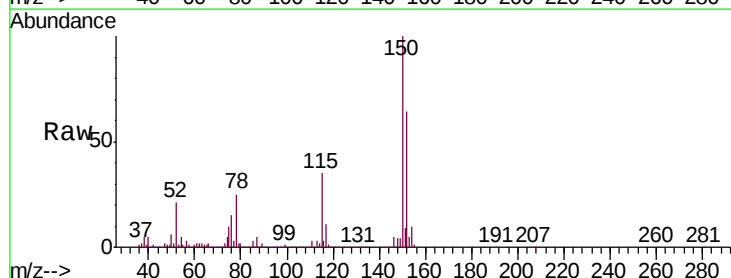
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

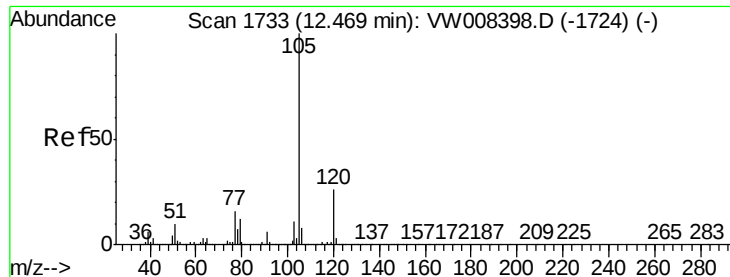
Tgt Ion:173 Resp: 39307
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion:152 Resp: 276390
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.7
150 162.1 0.0 351.4





#73

Isopropylbenzene

Concen: 17.441 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

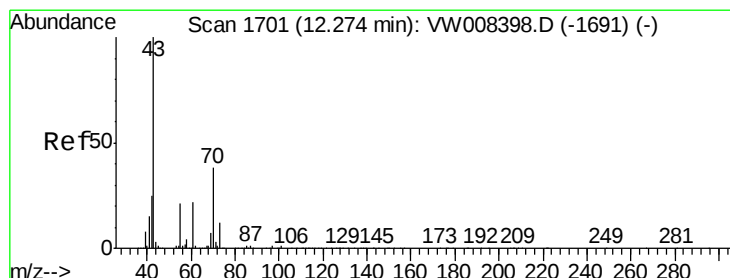
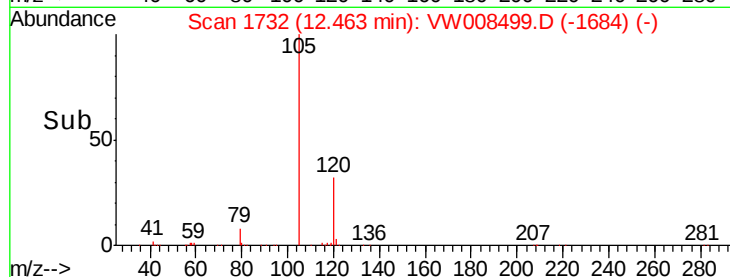
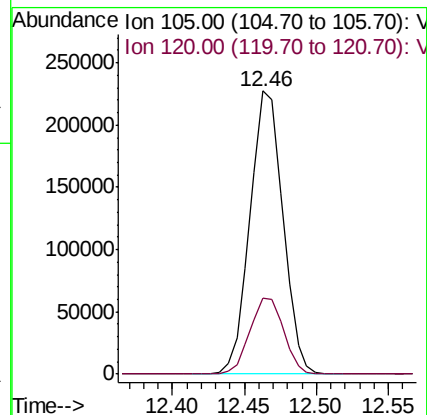
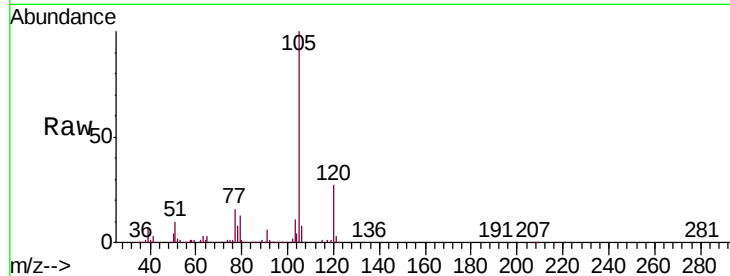
VW0204SBS01

Tgt Ion: 105 Resp: 359372

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.8



#74

N-ethyl acetate

Concen: 16.226 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Tgt Ion: 43 Resp: 86135

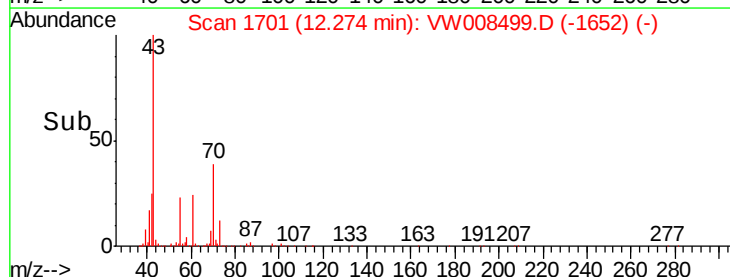
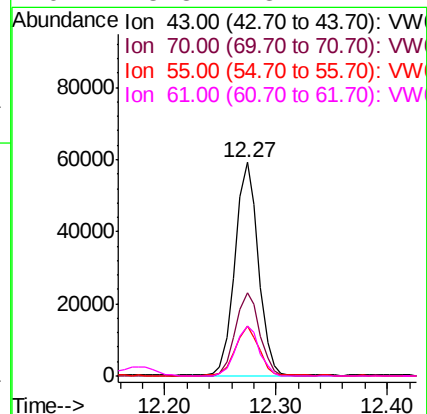
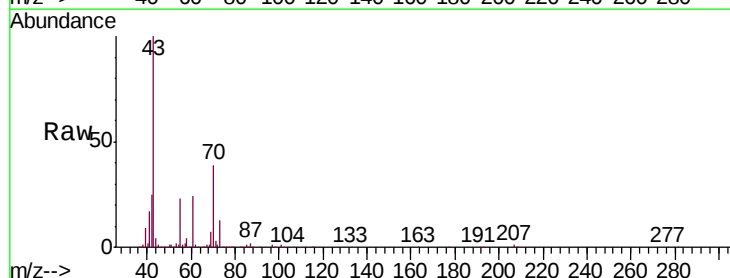
Ion Ratio Lower Upper

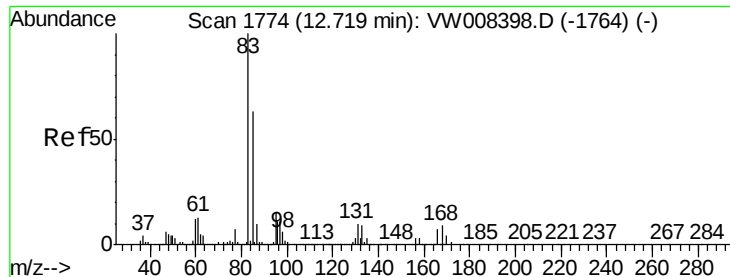
43 100

70 40.5 31.0 46.6

55 23.1 17.4 26.2

61 23.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.495 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

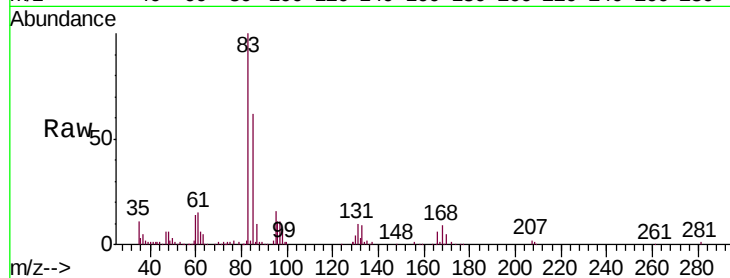
Tgt Ion: 83 Resp: 57074

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

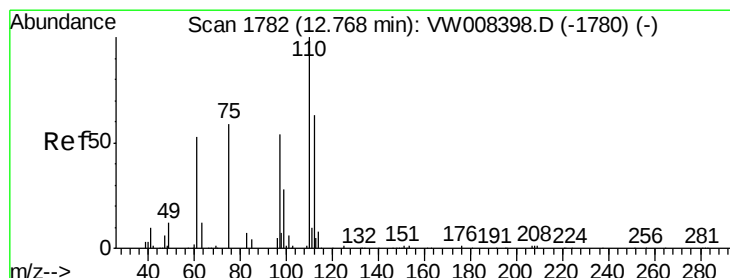
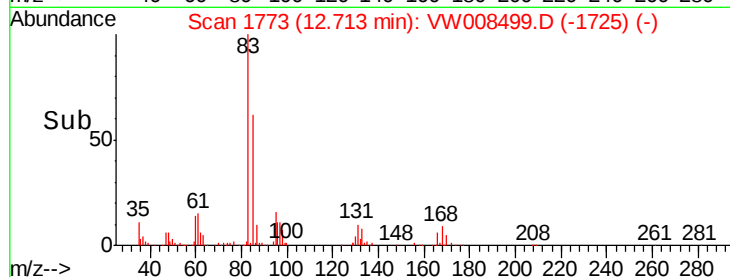
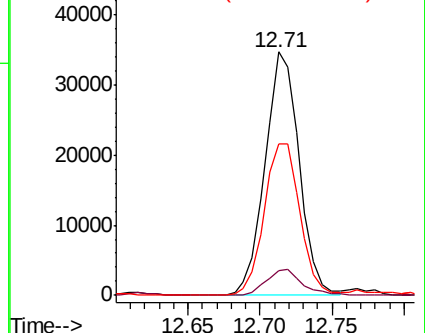
85 65.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.085 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008499.D

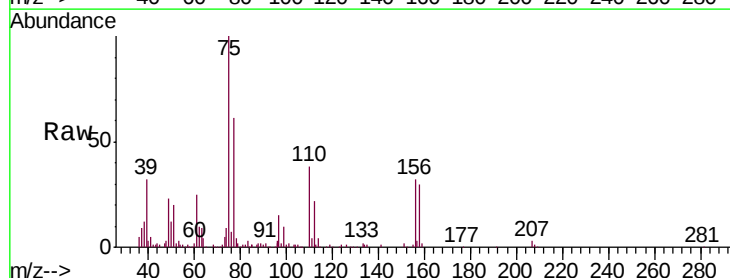
Acq: 04 Feb 2019 11:21

Tgt Ion: 75 Resp: 79505

Ion Ratio Lower Upper

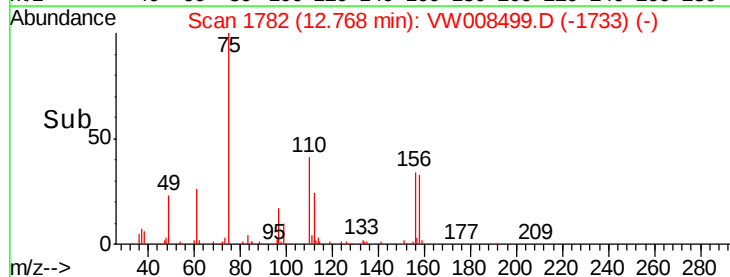
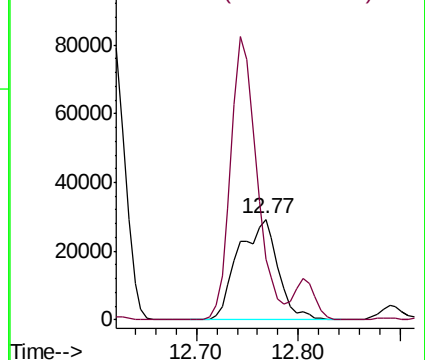
75 100

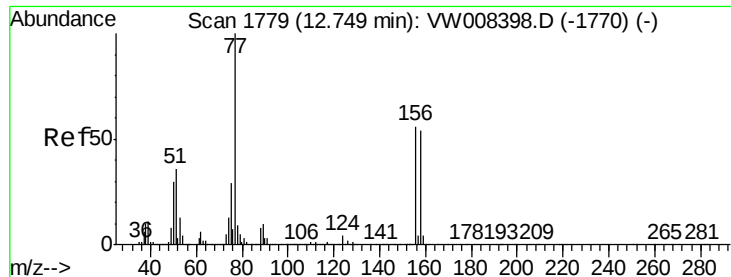
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.600 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampled :

VW0204SBS01

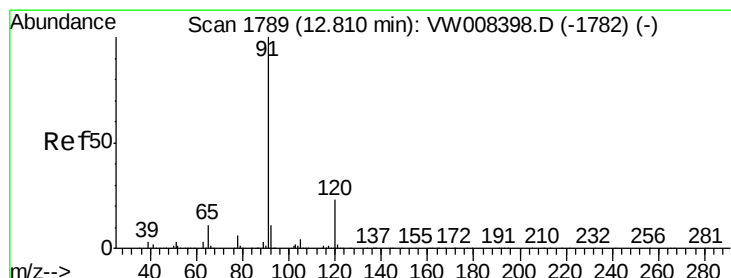
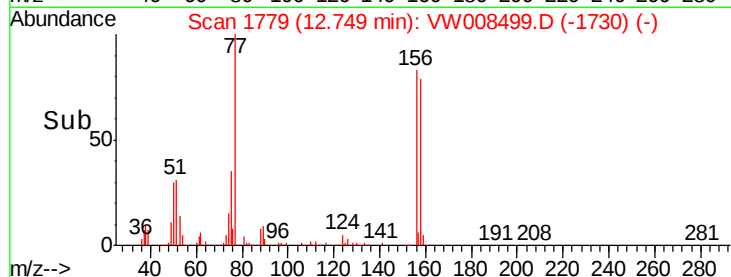
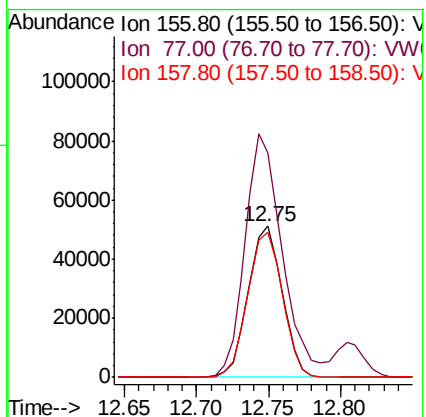
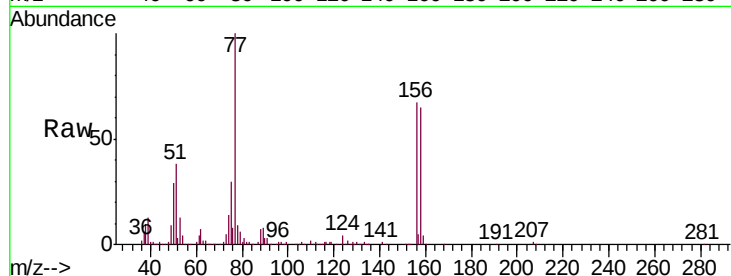
Tgt Ion:156 Resp: 83699

Ion Ratio Lower Upper

156 100

77 175.8 96.9 290.7

158 97.4 48.8 146.4



#78

n-propylbenzene

Concen: 17.208 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008499.D

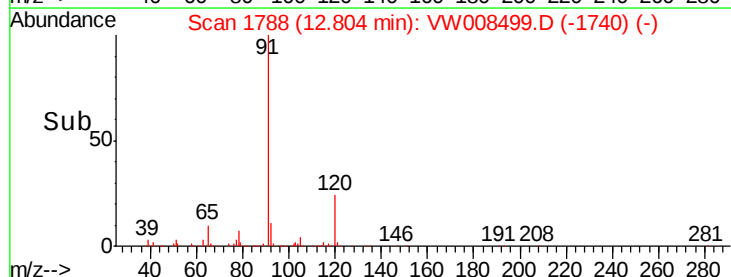
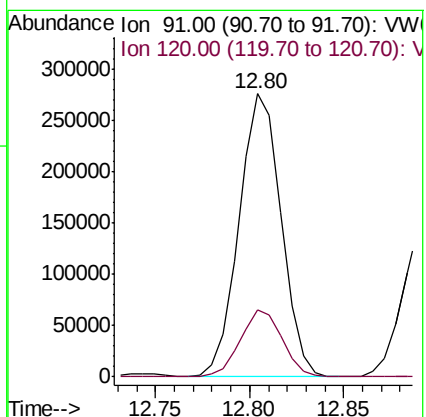
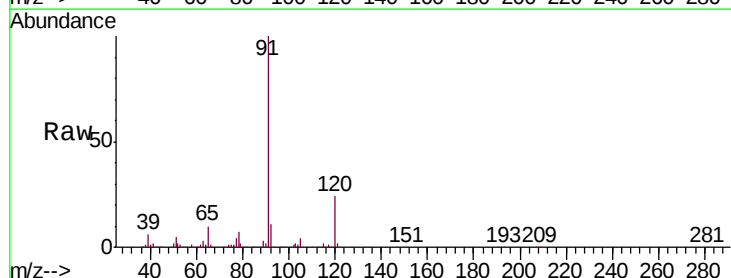
Acq: 04 Feb 2019 11:21

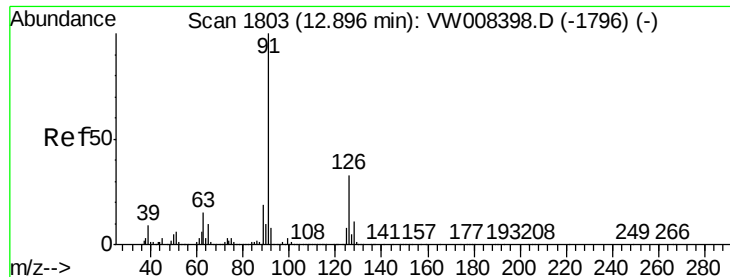
Tgt Ion: 91 Resp: 425862

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.1

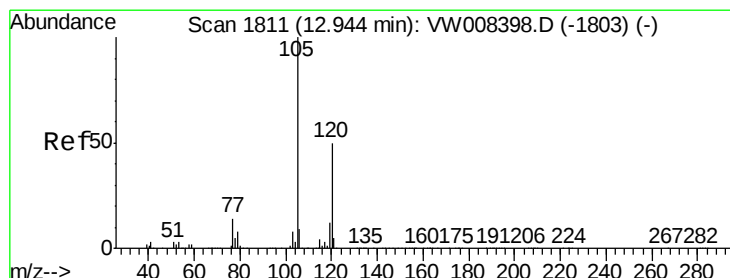
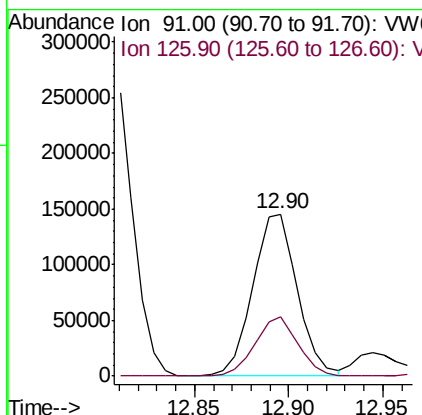
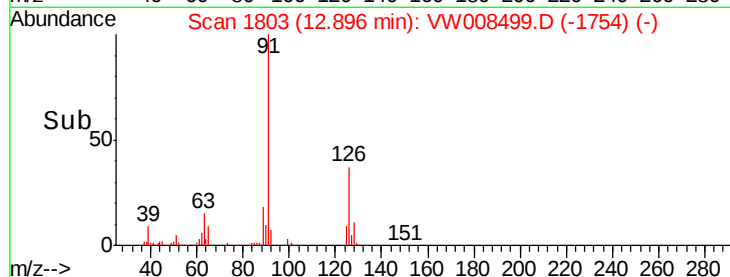
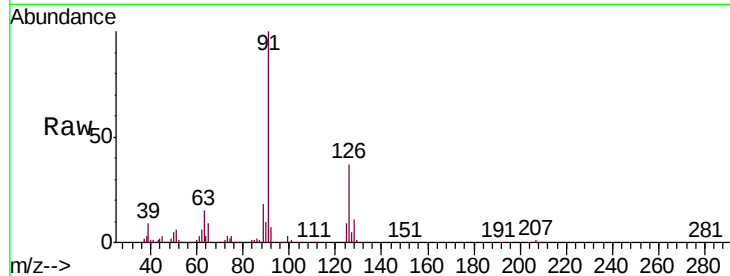




#79
2-Chlorotoluene
Concen: 17.020 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

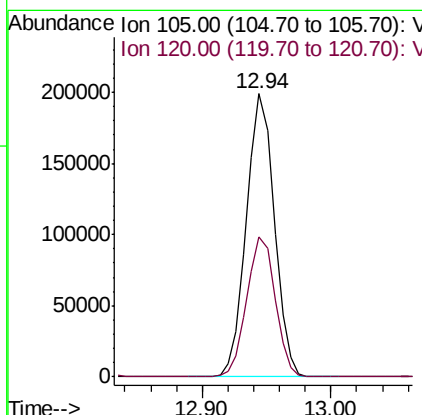
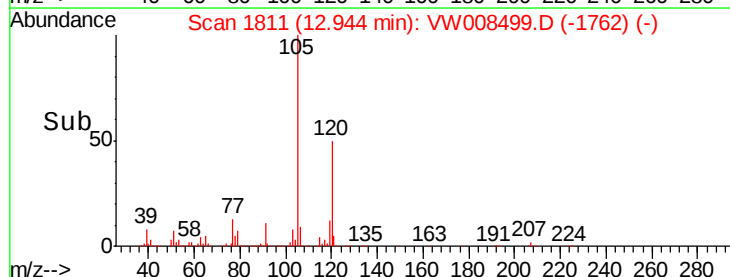
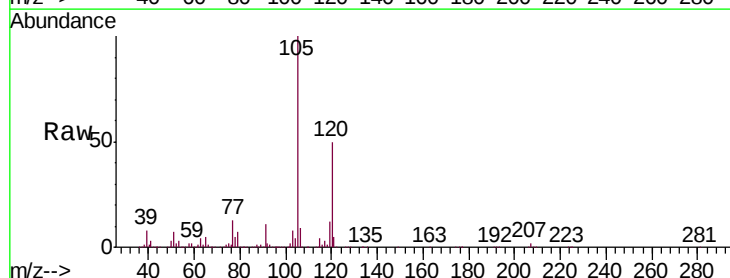
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

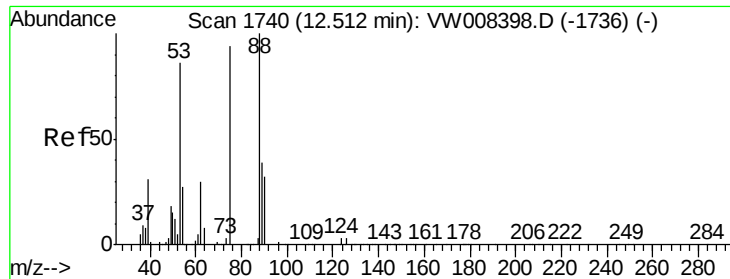
Tgt Ion: 91 Resp: 237691
Ion Ratio Lower Upper
91 100
126 35.4 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 17.319 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion: 105 Resp: 298287
Ion Ratio Lower Upper
105 100
120 50.5 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.415 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

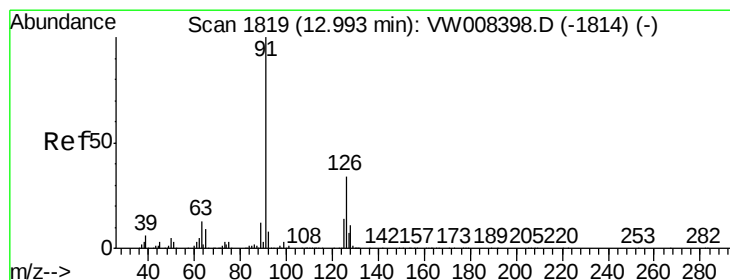
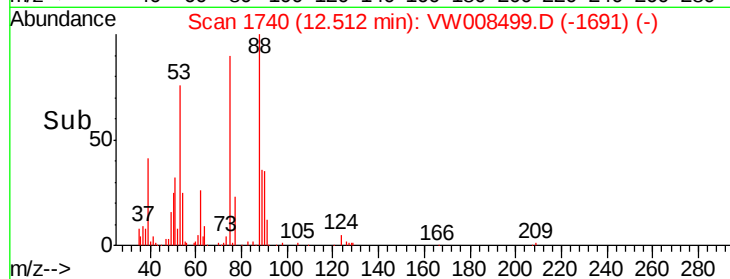
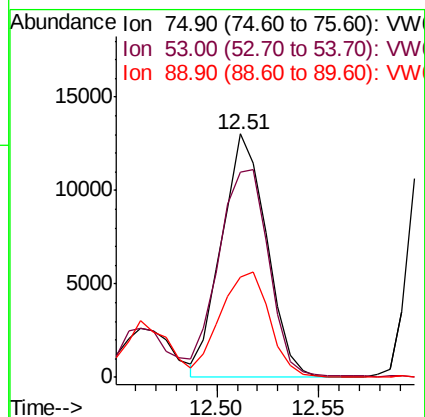
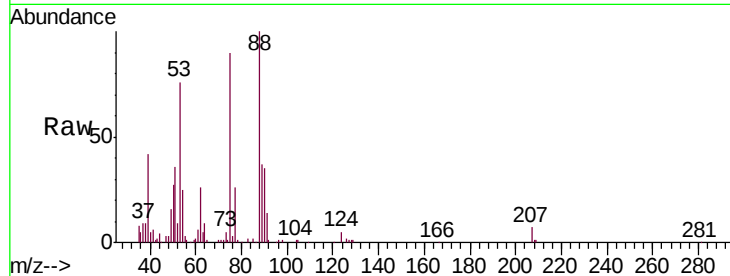
Tgt Ion: 75 Resp: 19972

Ion Ratio Lower Upper

75 100

53 93.6 76.0 114.0

89 47.2 35.4 53.0



#82

4-Chlorotoluene

Concen: 16.498 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008499.D

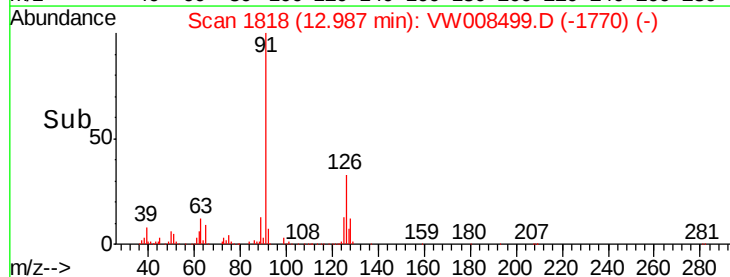
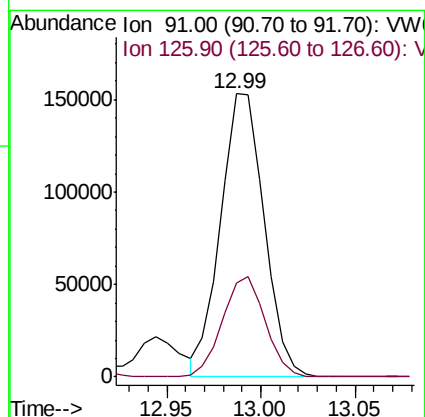
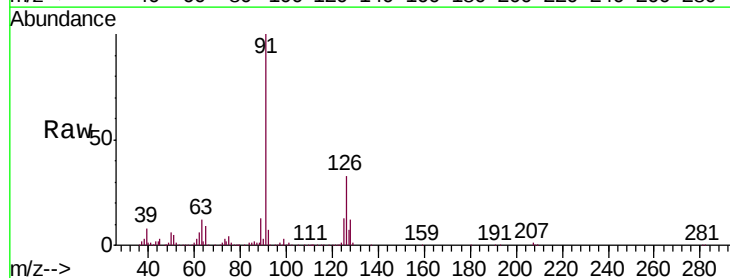
Acq: 04 Feb 2019 11:21

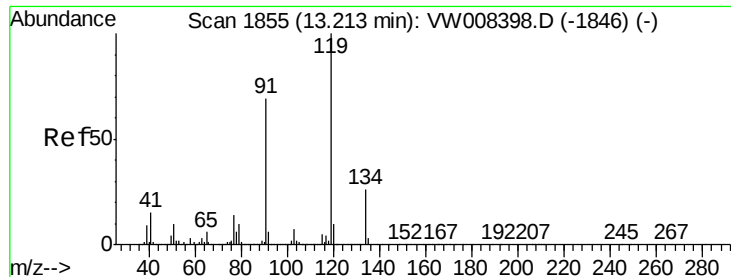
Tgt Ion: 91 Resp: 245297

Ion Ratio Lower Upper

91 100

126 35.1 16.4 49.2





#83

tert-Butylbenzene

Concen: 17.216 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

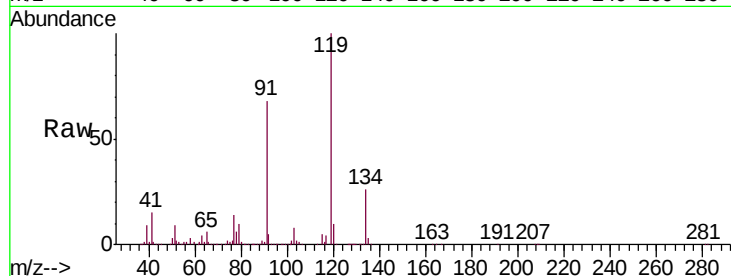
Tgt Ion:119 Resp: 263850

Ion Ratio Lower Upper

119 100

91 66.1 33.8 101.4

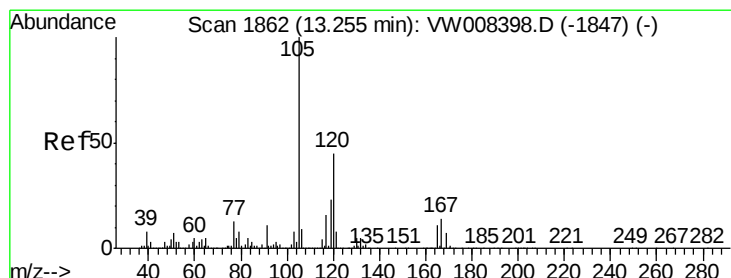
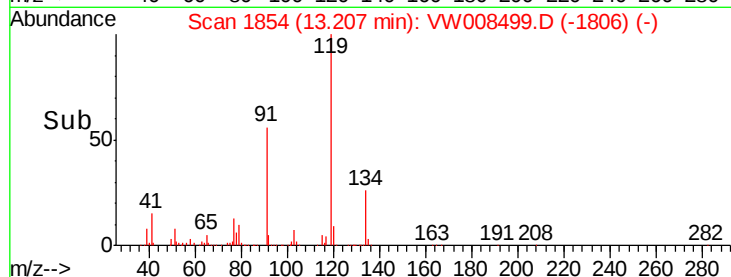
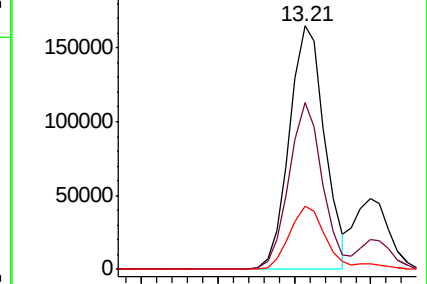
134 27.8 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.299 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008499.D

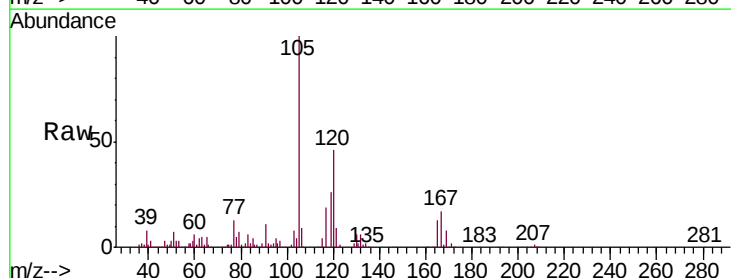
Acq: 04 Feb 2019 11:21

Tgt Ion:105 Resp: 302823

Ion Ratio Lower Upper

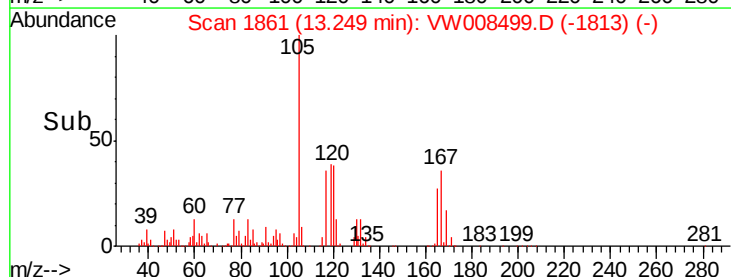
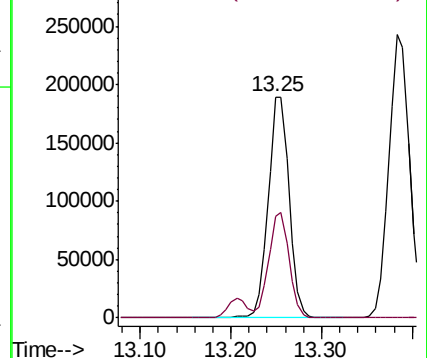
105 100

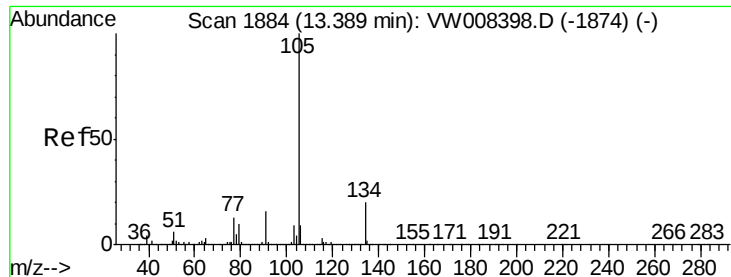
120 46.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

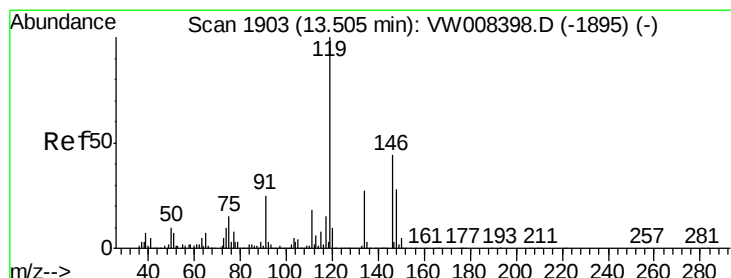
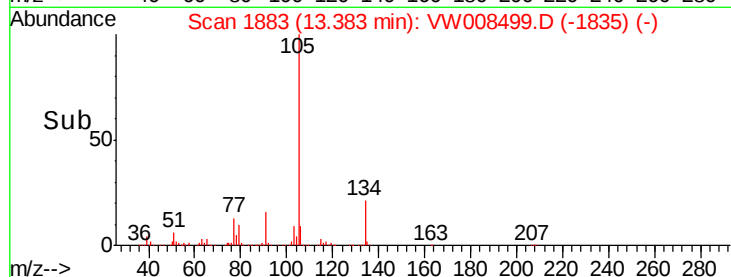
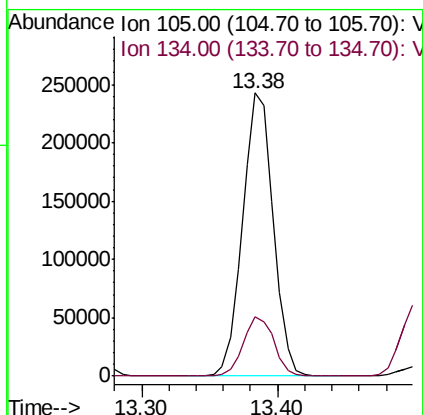
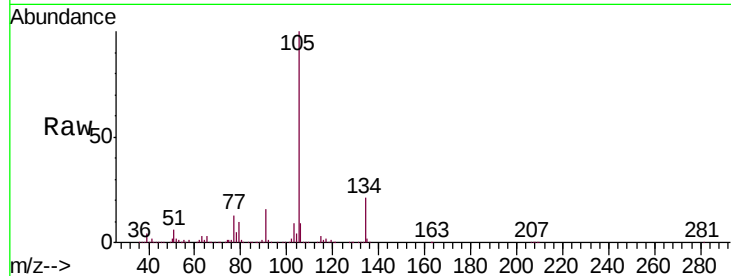




#85
 sec-Butylbenzene
 Concen: 17.418 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

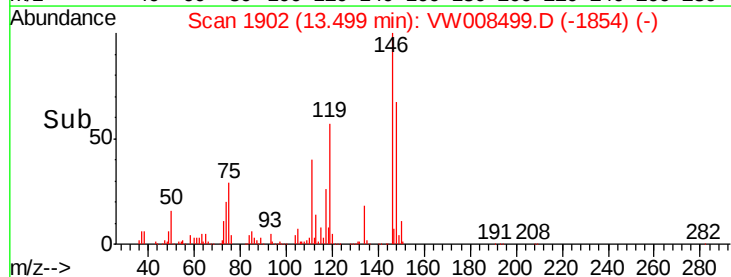
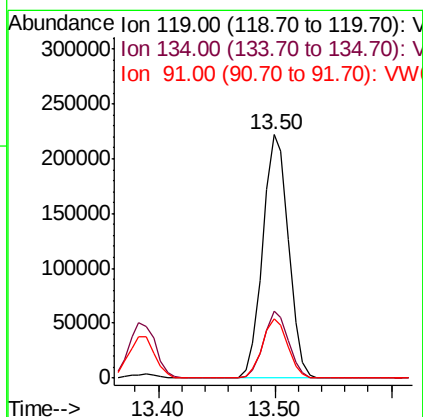
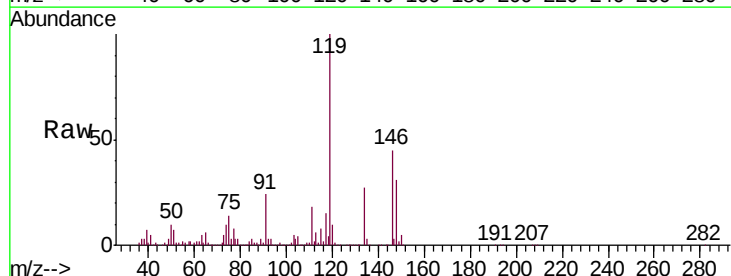
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

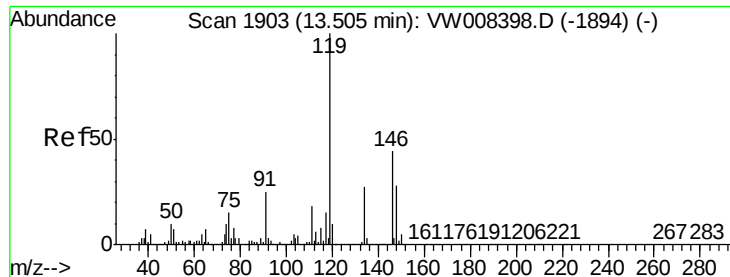
Tgt Ion:105 Resp: 381252
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 17.696 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion:119 Resp: 339268
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.7 12.6 37.6

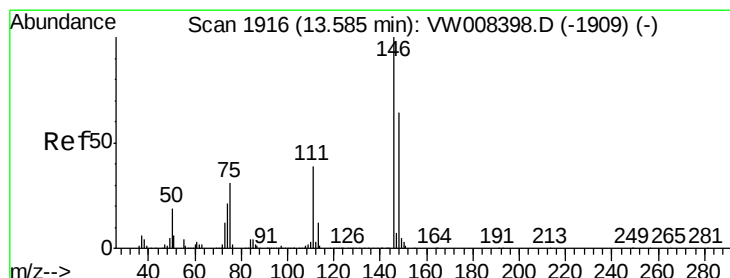
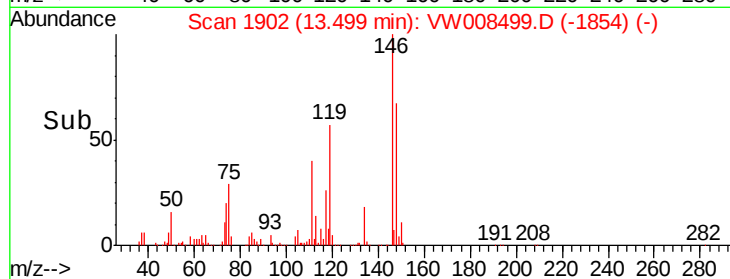
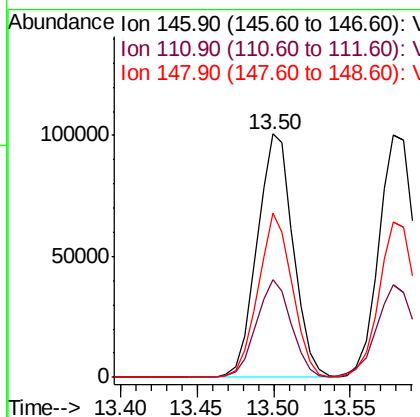
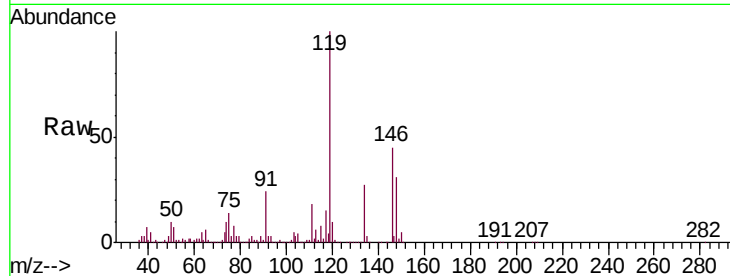




#87
 1,3-Dichlorobenzene
 Concen: 18.071 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

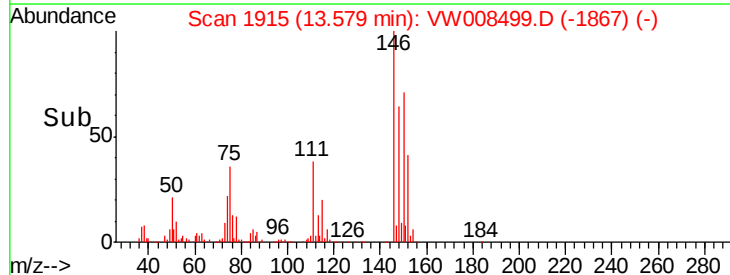
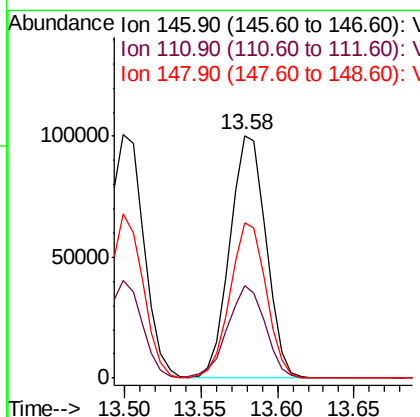
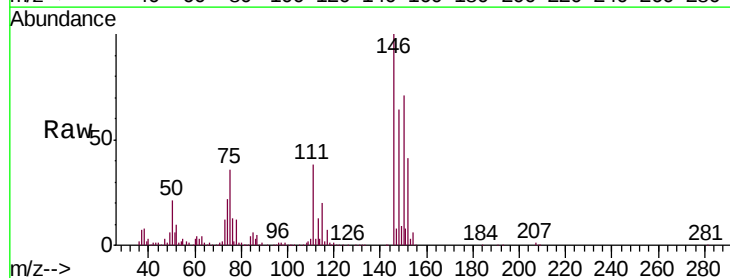
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

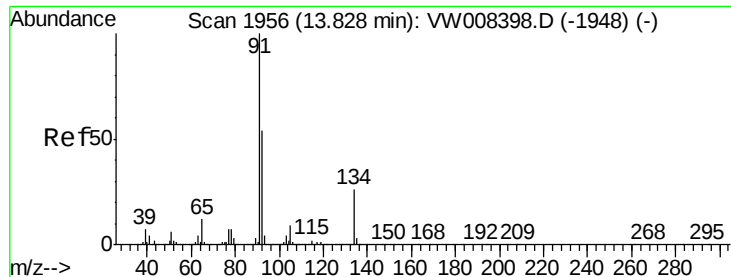
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.182 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.1	32.0	96.2





#89

n-Butylbenzene

Concen: 17.270 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008499.D

Acq: 04 Feb 2019 11:21

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBS01

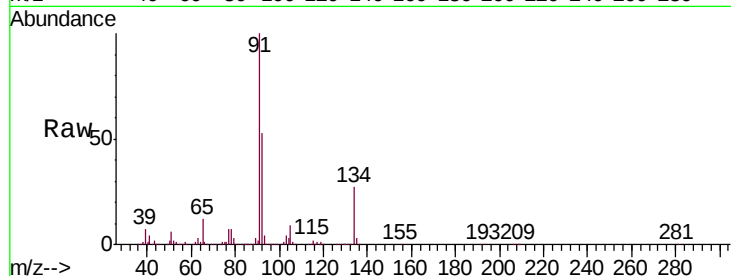
Tgt Ion: 91 Resp: 325112

Ion Ratio Lower Upper

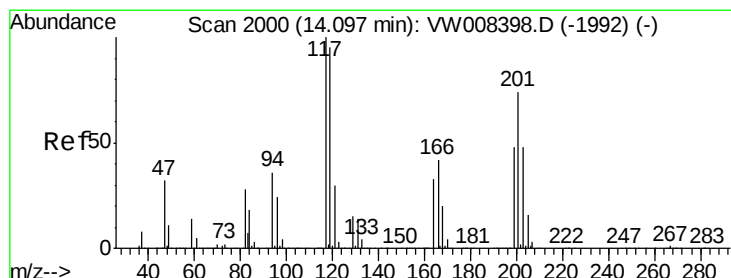
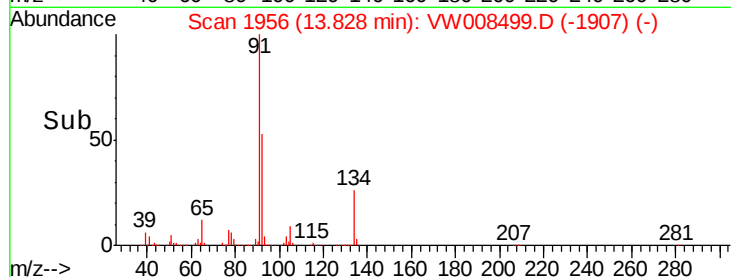
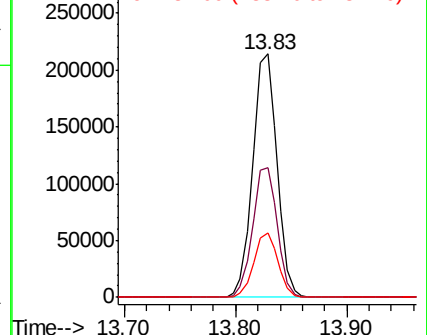
91 100

92 54.0 27.4 82.2

134 26.5 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.096 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008499.D

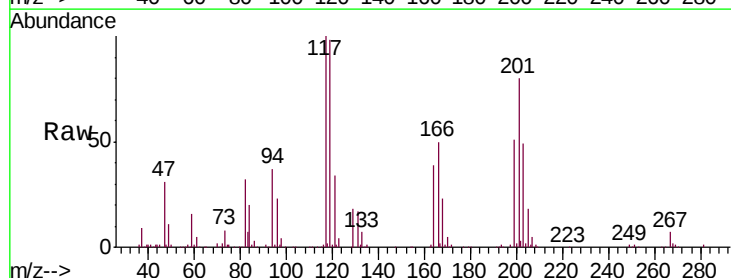
Acq: 04 Feb 2019 11:21

Tgt Ion: 117 Resp: 64101

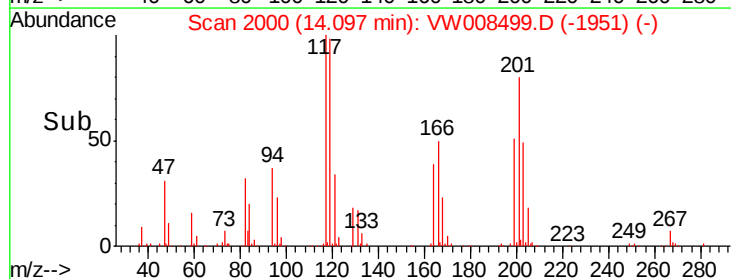
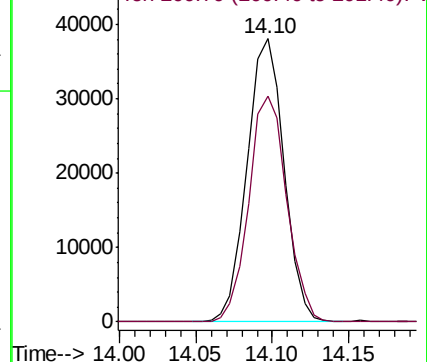
Ion Ratio Lower Upper

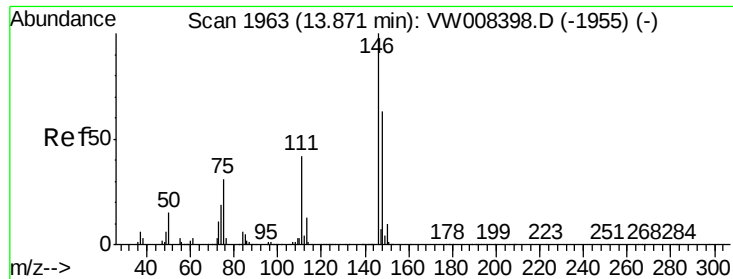
117 100

201 81.9 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

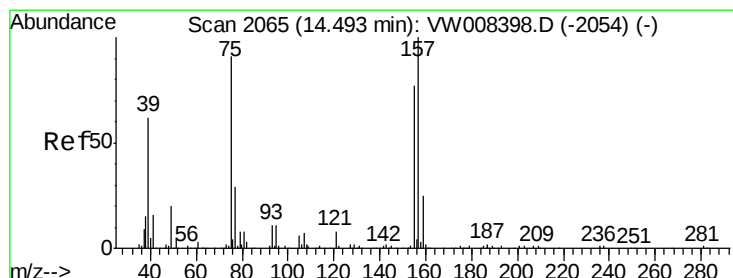
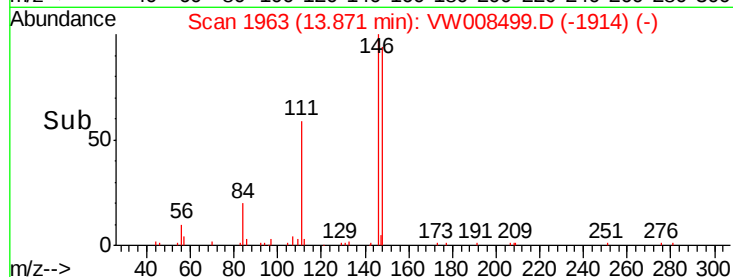
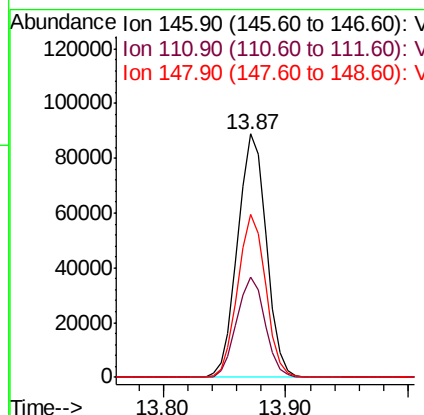
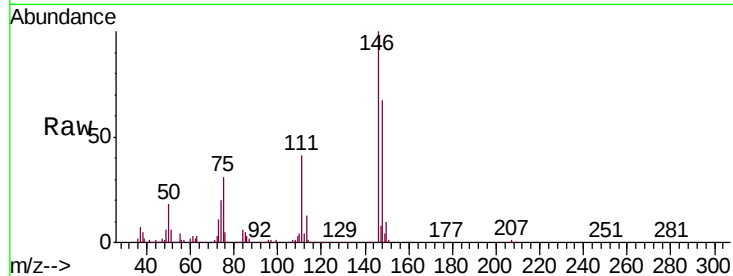




#91
 1,2-Dichlorobenzene
 Concen: 17.950 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

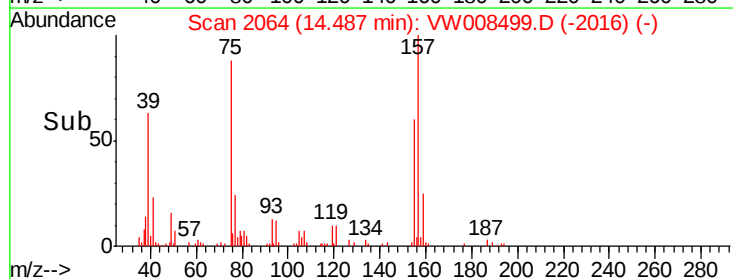
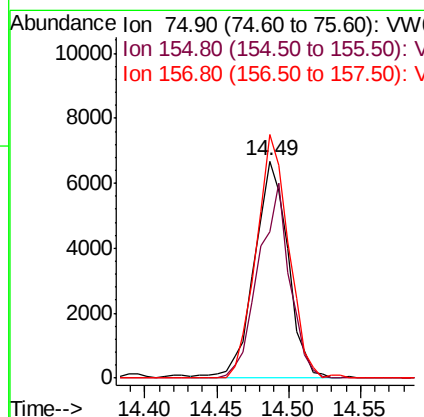
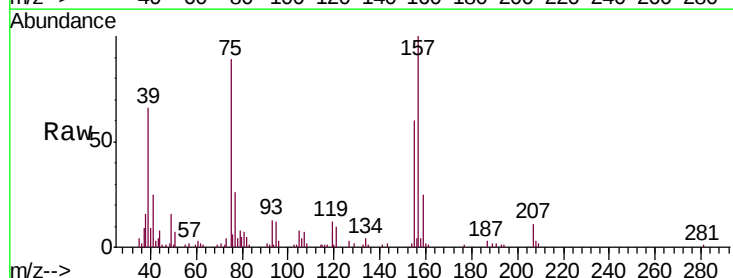
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

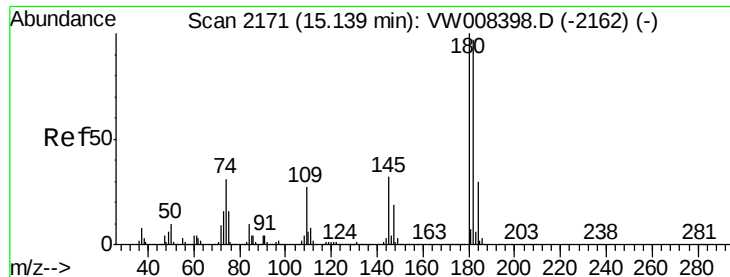
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.3
148	65.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.371 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	42.7	128.1
157	108.1	55.5	166.3

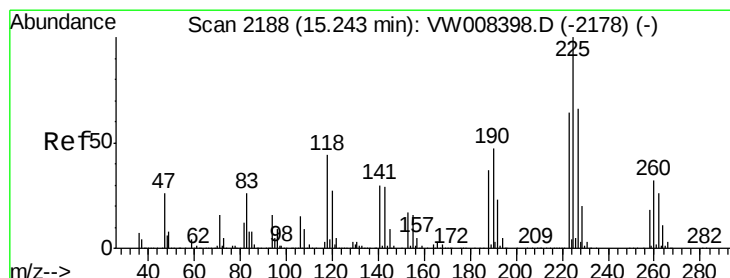
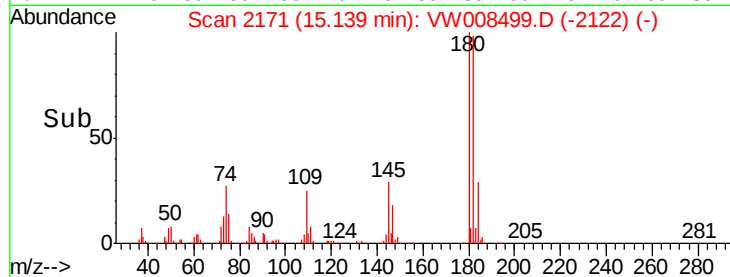
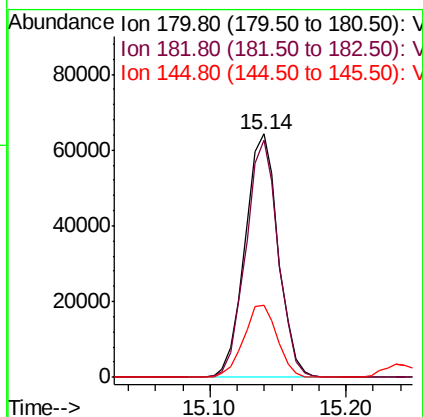
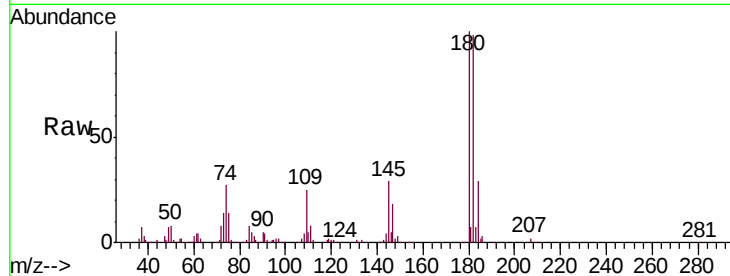




#93
 1,2,4-Trichlorobenzene
 Concen: 19.126 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

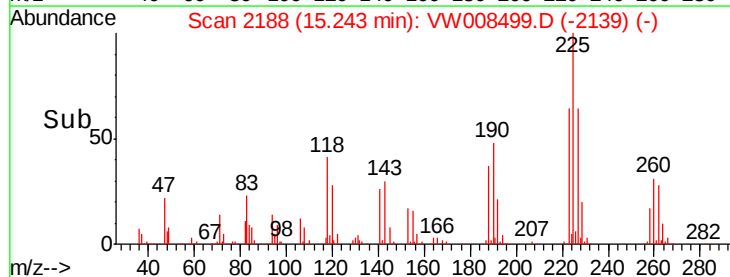
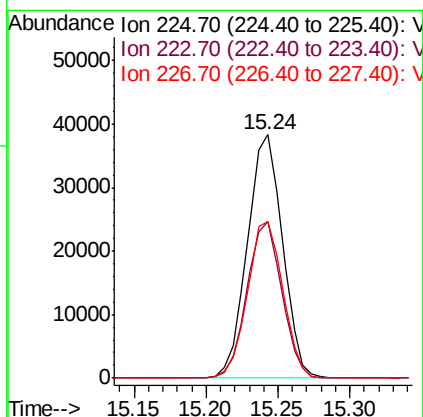
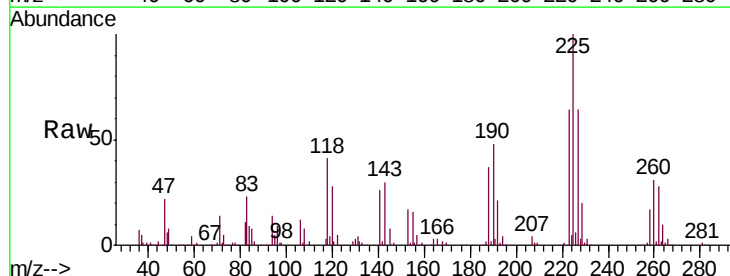
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBS01

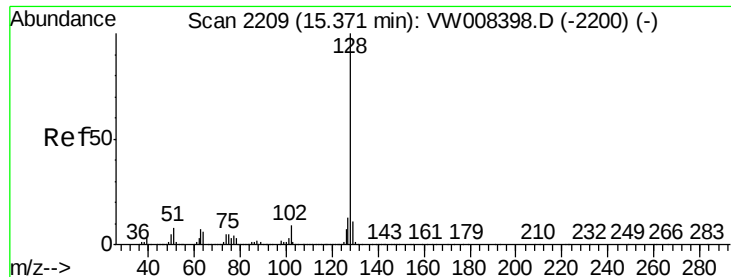
Tgt Ion	Resp	Lower	Upper
180	109755		
182	95.1	47.9	143.7
145	30.2	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 18.664 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008499.D
 Acq: 04 Feb 2019 11:21

Tgt Ion	Resp	Lower	Upper
225	64546		
223	63.5	31.7	95.1
227	64.8	32.1	96.3

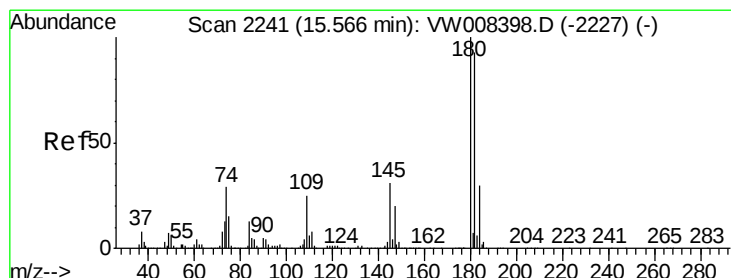
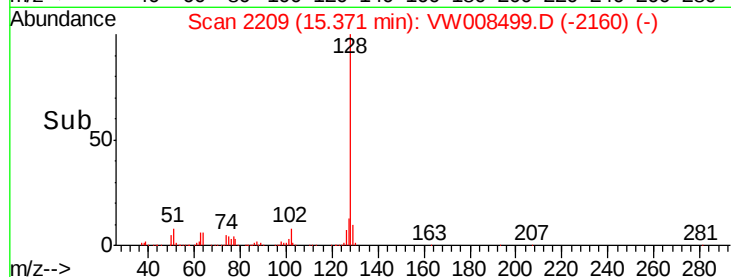
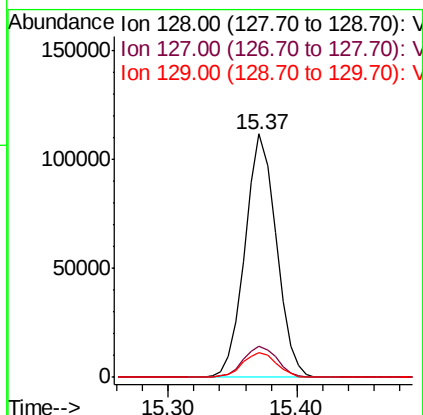
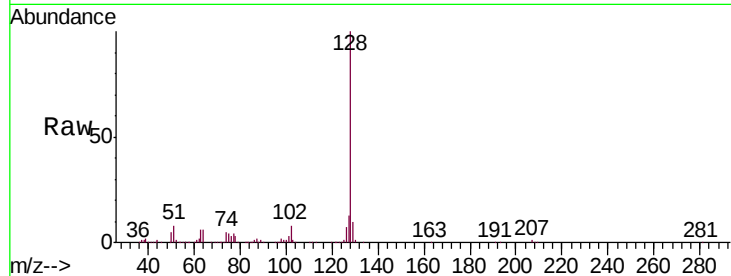




#95
Naphthalene
Concen: 18.626 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.058 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008499.D
Acq: 04 Feb 2019 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	31.7	15.9	47.6

