

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
 Data File : VW008432.D
 Acq On : 28 Jan 2019 11:54
 Operator : SY/VA
 Sample : VW0128SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Quant Time: Jan 29 04:12:04 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	471619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	712099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	621537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	318714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	223148	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.88	113	222066	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.32	98	873953	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.62	95	319486	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	16.484	ug/l	98
3) Chloromethane	2.21	50	57400	14.910	ug/l	97
4) Vinyl Chloride	2.36	62	81834	16.699	ug/l	98
5) Bromomethane	2.78	94	56485	17.870	ug/l	94
6) Chloroethane	2.92	64	53478	17.843	ug/l	98
7) Trichlorofluoromethane	3.25	101	59123	17.285	ug/l	97
8) Diethyl Ether	3.67	74	38697	16.453	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74517	17.469	ug/l	96
10) Methyl Iodide	4.26	142	119418	17.724	ug/l	99
11) Tert butyl alcohol	5.17	59	29163	78.179	ug/l	95
12) 1,1-Dichloroethene	4.03	96	76520	17.726	ug/l	97
13) Acrolein	3.89	56	31442	98.121	ug/l	99
14) Allyl chloride	4.66	41	129689	15.821	ug/l	98
15) Acrylonitrile	5.36	53	78657	77.449	ug/l	99
16) Acetone	4.12	43	84459	81.175	ug/l	97
17) Carbon Disulfide	4.37	76	226583	16.434	ug/l	97
18) Methyl Acetate	4.67	43	39767	14.330	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	116084	16.253	ug/l	99
20) Methylene Chloride	4.90	84	80917	16.873	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	82392	16.977	ug/l	94
22) Diisopropyl ether	6.31	45	237422	15.282	ug/l	98
23) Vinyl Acetate	6.25	43	695939	75.864	ug/l	98
24) 1,1-Dichloroethane	6.21	63	142133	16.163	ug/l	98
25) 2-Butanone	7.17	43	110081	76.171	ug/l	96
26) 2,2-Dichloropropane	7.16	77	102349	17.219	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	87374	16.519	ug/l	98
28) Bromochloromethane	7.51	49	69877	17.300	ug/l	93
29) Tetrahydrofuran	7.52	42	67826	74.061	ug/l	92
30) Chloroform	7.67	83	140155	16.204	ug/l	99
31) Cyclohexane	7.95	56	146923	16.158	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	128092	17.146	ug/l	98
36) 1,1-Dichloropropene	8.08	75	119011	17.693	ug/l	98
37) Ethyl Acetate	7.25	43	47512	15.965	ug/l	96
38) Carbon Tetrachloride	8.06	117	122875	18.153	ug/l	98

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Quant Time: Jan 29 04:12:04 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	153585	17.381	ug/l	98
40) Benzene	8.32	78	315728	16.915	ug/l	99
41) Methacrylonitrile	7.48	41	30339	17.217	ug/l	96
42) 1,2-Dichloroethane	8.40	62	90006	16.640	ug/l	98
43) Isopropyl Acetate	8.42	43	101037	16.342	ug/l	97
44) Trichloroethene	9.09	130	92365	18.197	ug/l	92
45) 1,2-Dichloropropane	9.37	63	77064	16.559	ug/l	99
46) Dibromomethane	9.45	93	40787	17.039	ug/l	97
47) Bromodichloromethane	9.64	83	106546	16.828	ug/l	100
48) Methyl methacrylate	9.43	41	48724	16.117	ug/l	97
49) 1,4-Dioxane	9.45	88	13860	342.550	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	236954	77.576	ug/l	98
52) Toluene	10.38	92	210777	17.107	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111452	16.543	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	128245	16.774	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	57226	17.236	ug/l	98
56) Ethyl methacrylate	10.65	69	73425	15.782	ug/l	98
57) 1,3-Dichloropropane	10.93	76	99136	16.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	198150	87.660	ug/l	96
59) 2-Hexanone	10.97	43	171447	79.508	ug/l	99
60) Dibromochloromethane	11.13	129	71757	16.818	ug/l	99
61) 1,2-Dibromoethane	11.24	107	55840	16.962	ug/l	97
64) Tetrachloroethene	10.86	164	79169	18.813	ug/l	99
65) Chlorobenzene	11.66	112	225771	17.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	80791	17.798	ug/l	99
67) Ethyl Benzene	11.73	91	411549	17.646	ug/l	99
68) m/p-Xylenes	11.84	106	320438	35.412	ug/l	96
69) o-Xylene	12.17	106	149101	17.342	ug/l	97
70) Styrene	12.18	104	240572	16.939	ug/l	98
71) Bromoform	12.35	173	43443	17.009	ug/l #	98
73) Isopropylbenzene	12.46	105	420486	17.697	ug/l	99
74) N-amyl acetate	12.27	43	94821	15.491	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	62959	16.736	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	90698	32.731	ug/l	21
77) Bromobenzene	12.75	156	94647	18.239	ug/l	93
78) n-propylbenzene	12.80	91	499503	17.503	ug/l	98
79) 2-Chlorotoluene	12.90	91	274588	17.051	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	344585	17.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22429	15.987	ug/l	96
82) 4-Chlorotoluene	12.99	91	284368	16.586	ug/l	95
83) tert-Butylbenzene	13.21	119	317761	17.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	350400	17.358	ug/l	100
85) sec-Butylbenzene	13.38	105	447010	17.711	ug/l	100
86) p-Isopropyltoluene	13.50	119	392696	17.762	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	185296	17.681	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	183225	17.592	ug/l	99
89) n-Butylbenzene	13.83	91	374572	17.255	ug/l	100
90) Hexachloroethane	14.10	117	76817	17.767	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	164244	17.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11793	16.522	ug/l	99

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

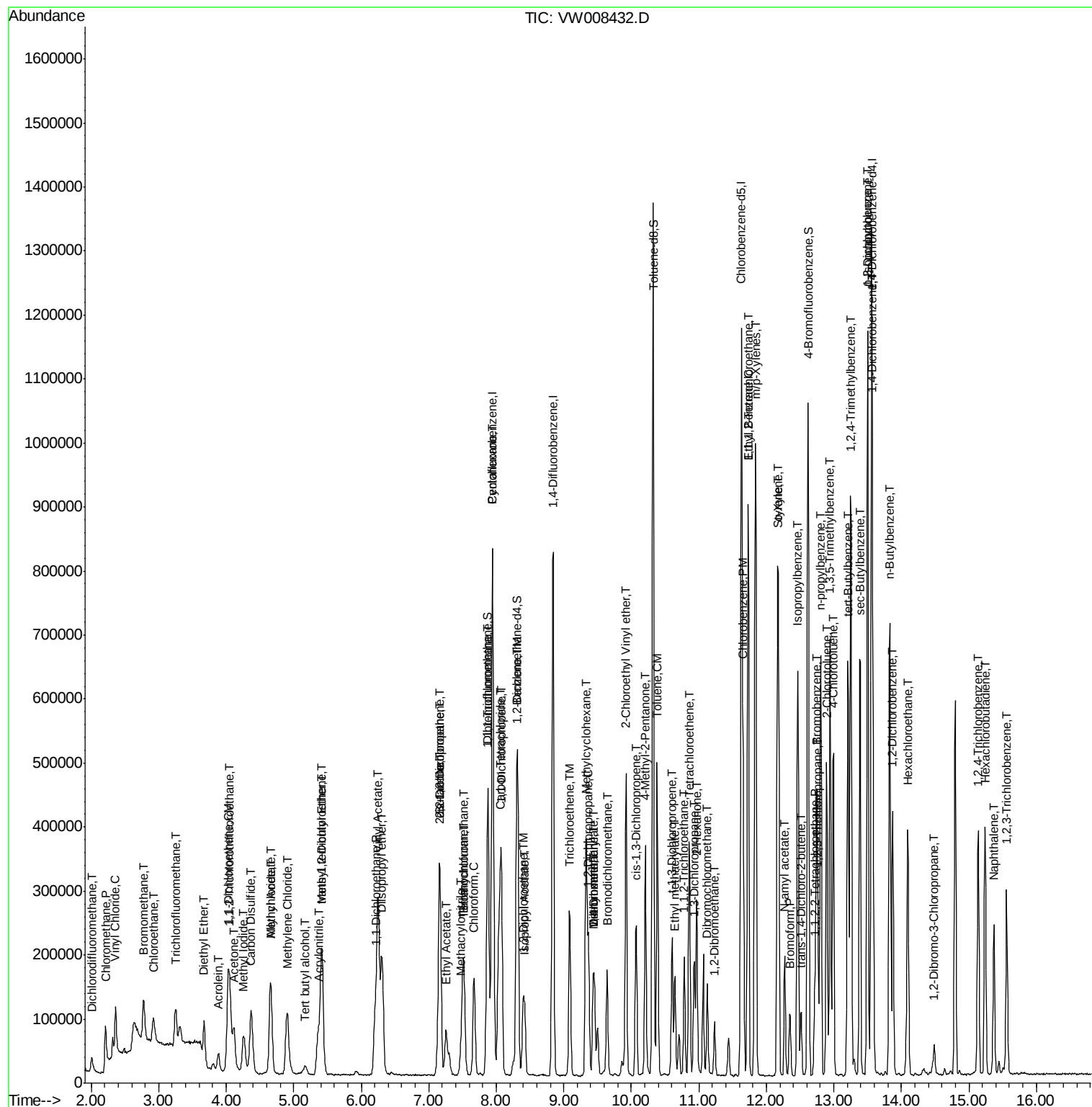
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	121382	18.343	ug/l	99
94) Hexachlorobutadiene	15.24	225	73917	18.535	ug/l	100
95) Naphthalene	15.37	128	200698	17.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	101771	18.131	ug/l	100

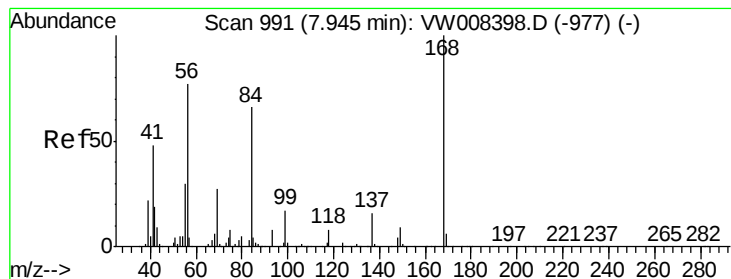
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

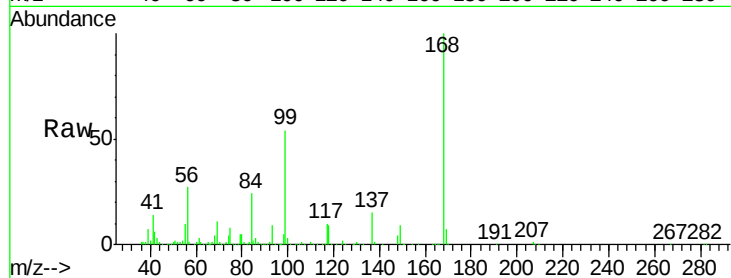
VW0128SBS01

Tgt Ion:168 Resp: 471619

Ion Ratio Lower Upper

168 100

99 53.5 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

250000

200000

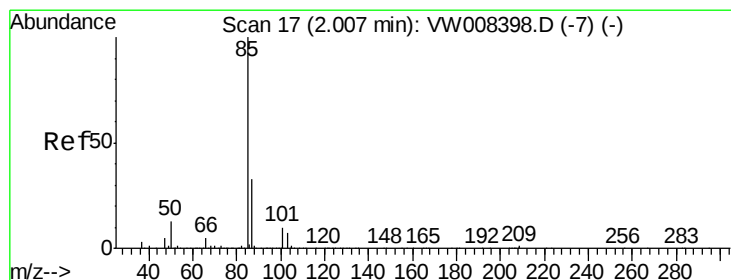
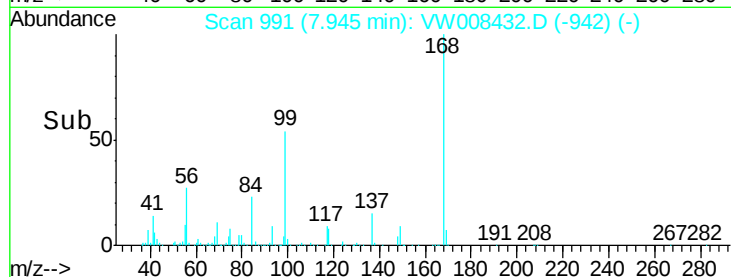
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.484 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008432.D

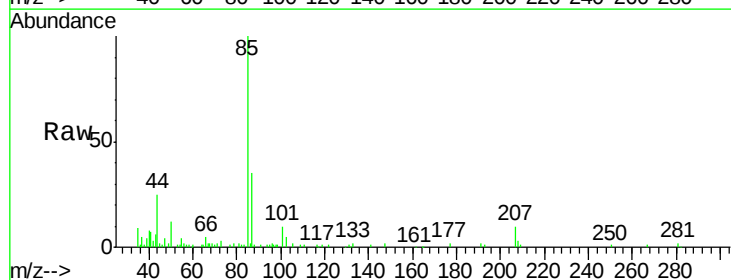
Acq: 28 Jan 2019 11:54

Tgt Ion: 85 Resp: 38572

Ion Ratio Lower Upper

85 100

87 34.5 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

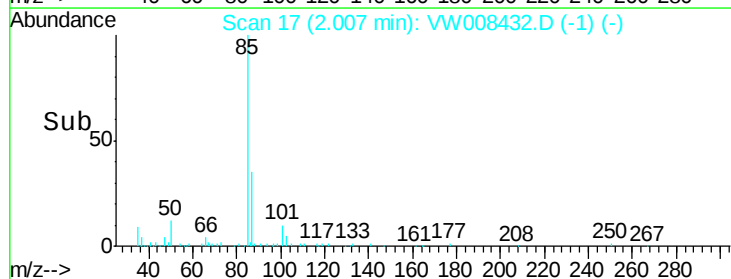
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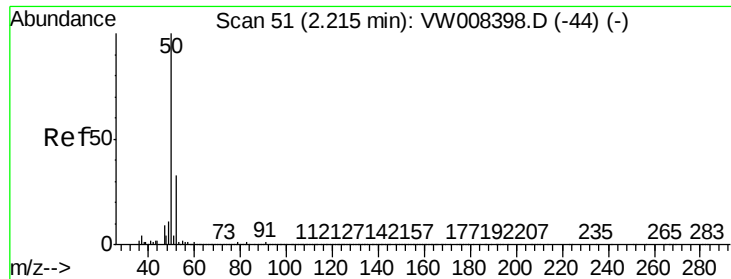
10000

5000

0

Time-->





#3

Chloromethane

Concen: 14.910 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

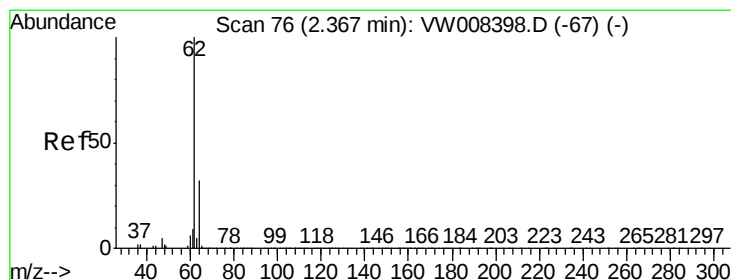
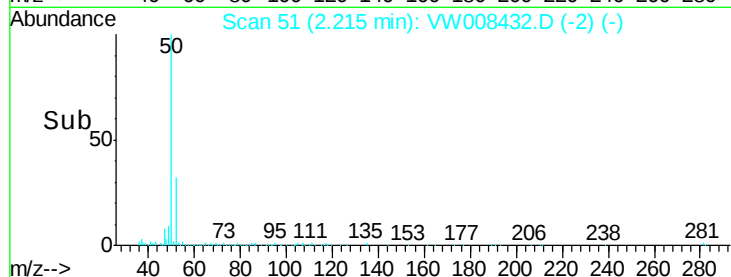
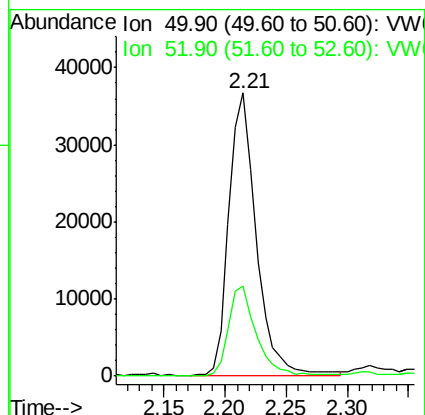
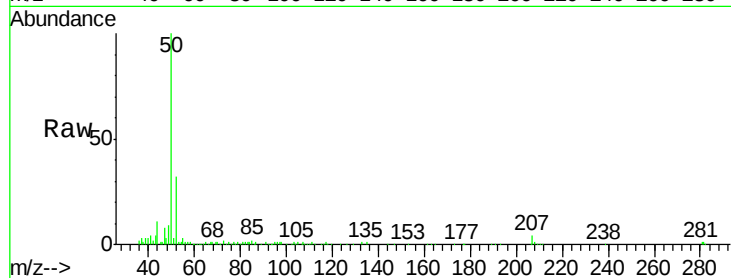
VW0128SBS01

Tgt Ion: 50 Resp: 57400

Ion Ratio Lower Upper

50 100

52 31.5 26.3 39.5



#4

Vinyl Chloride

Concen: 16.699 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008432.D

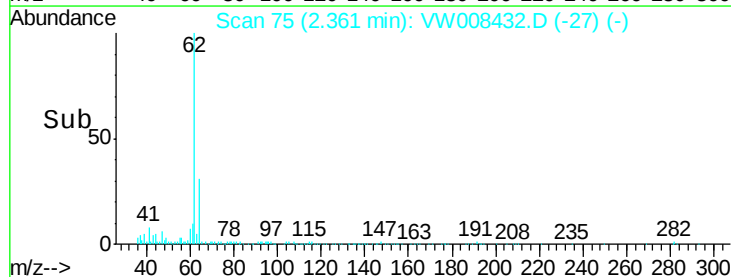
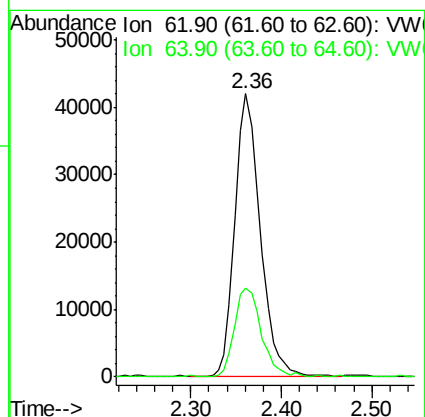
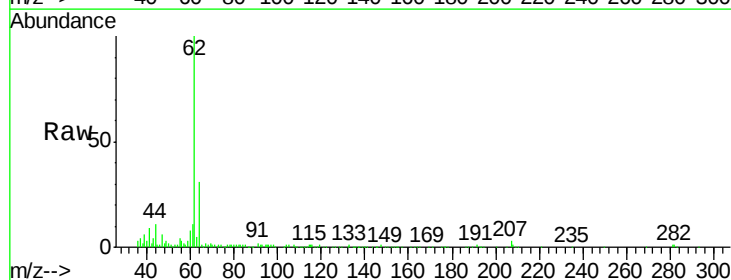
Acq: 28 Jan 2019 11:54

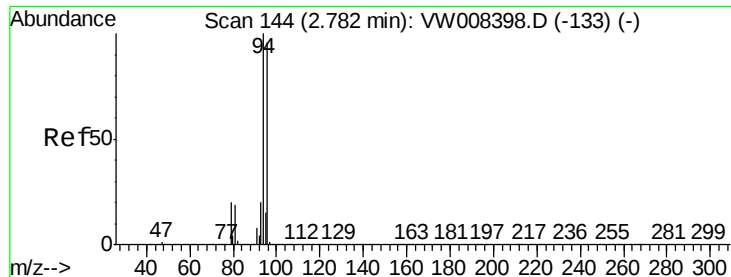
Tgt Ion: 62 Resp: 81834

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 17.870 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

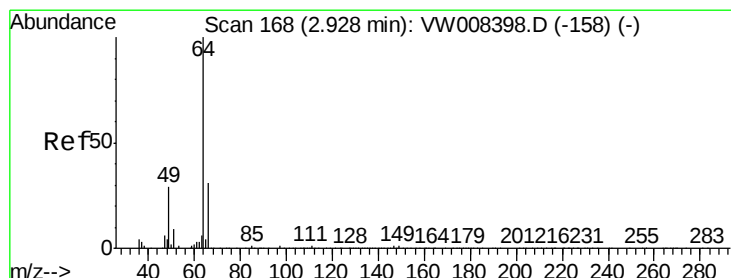
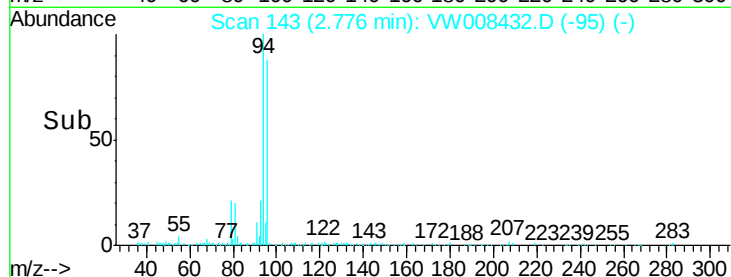
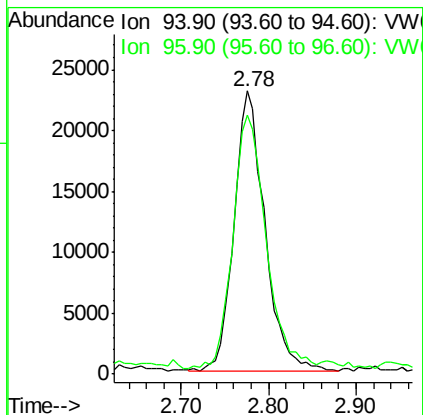
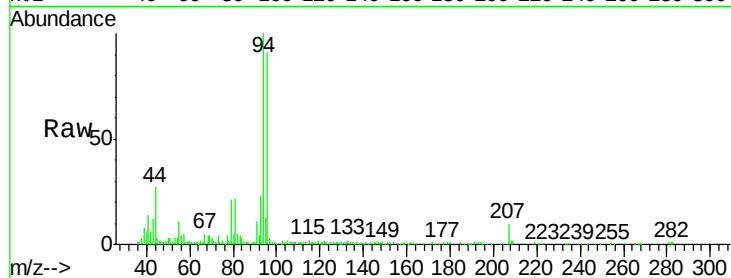
VW0128SBS01

Tgt Ion: 94 Resp: 56485

Ion Ratio Lower Upper

94 100

96 90.3 77.2 115.8



#6

Chloroethane

Concen: 17.843 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008432.D

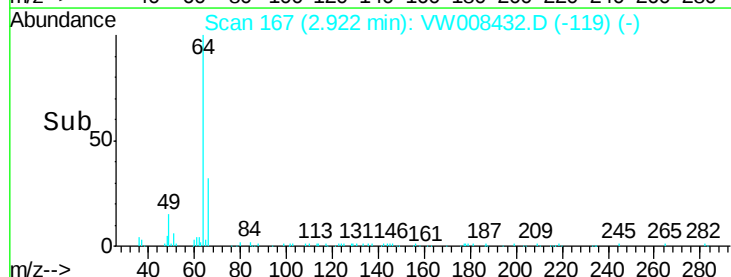
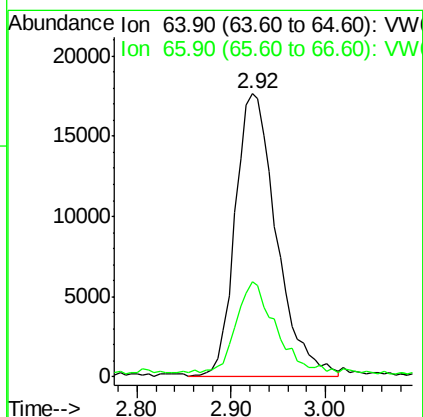
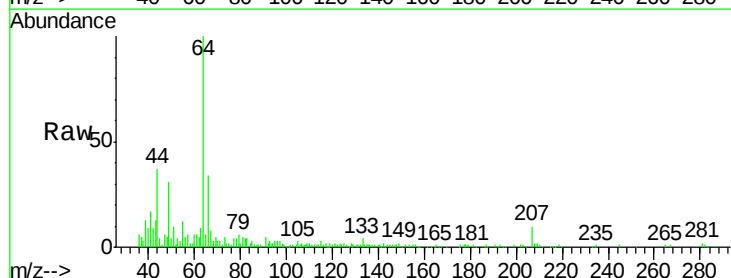
Acq: 28 Jan 2019 11:54

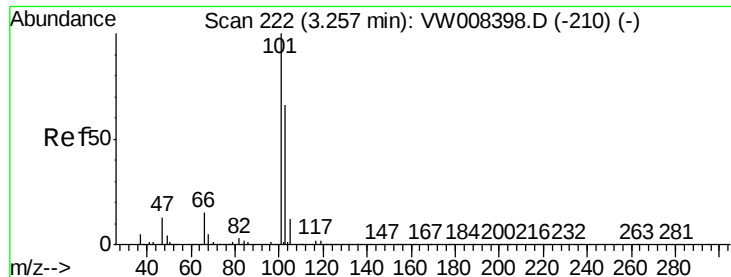
Tgt Ion: 64 Resp: 53478

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



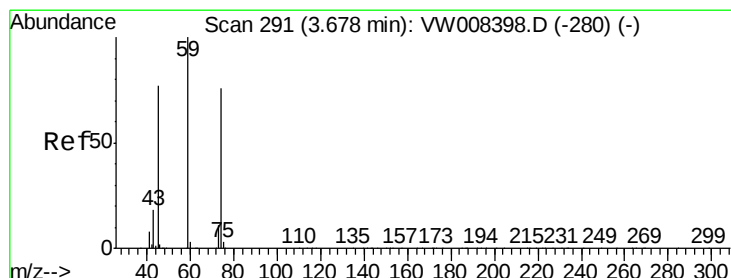
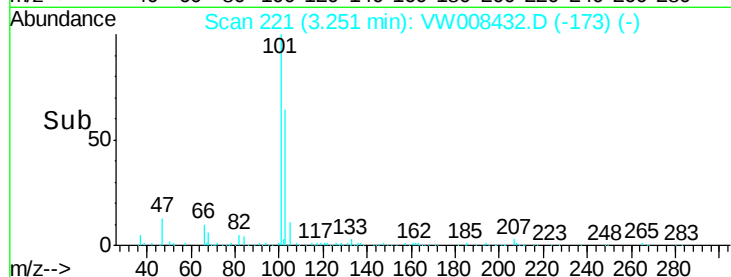
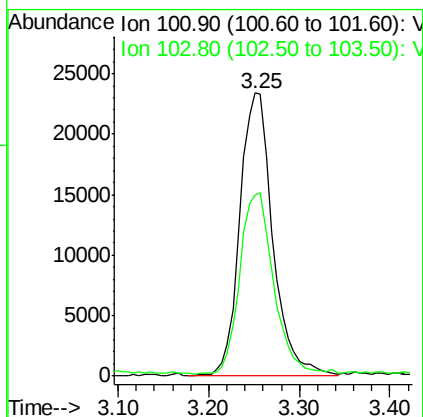
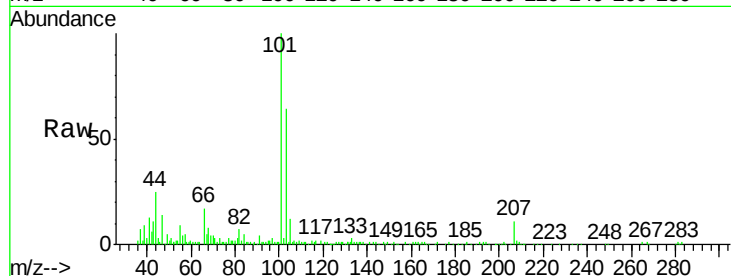


#7

Trichlorofluoromethane
Concen: 17.285 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
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ClientSampleId :
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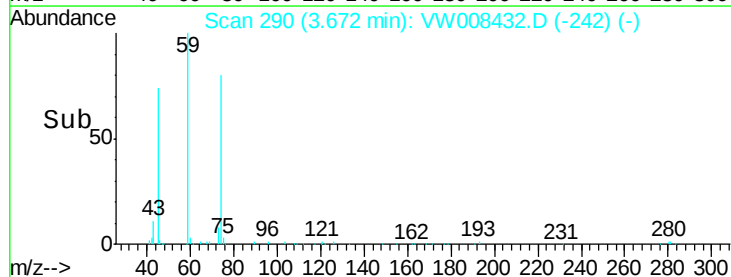
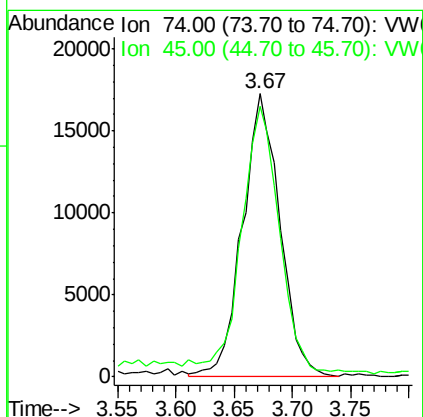
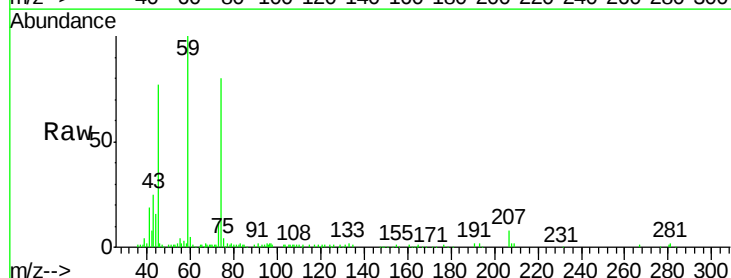
Tgt Ion:101 Resp: 59123
Ion Ratio Lower Upper
101 100
103 62.9 52.5 78.7

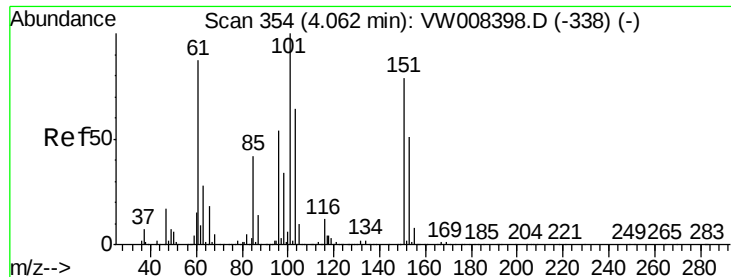


#8

Diethyl Ether
Concen: 16.453 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 74 Resp: 38697
Ion Ratio Lower Upper
74 100
45 96.7 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.469 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

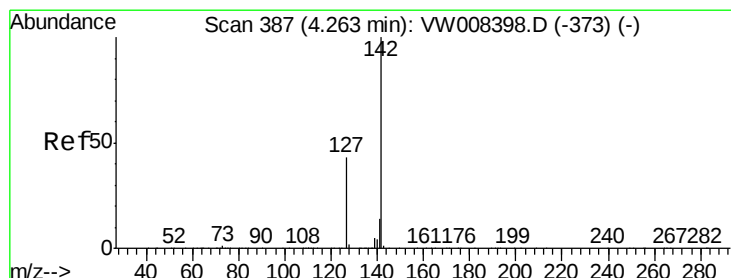
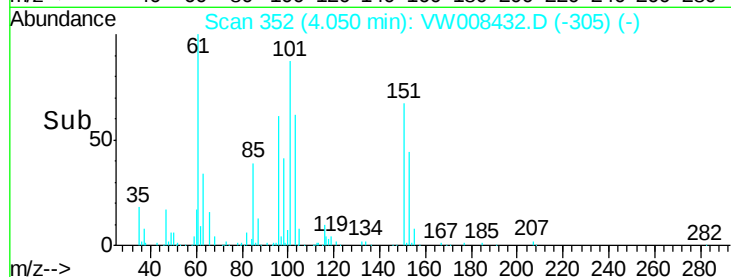
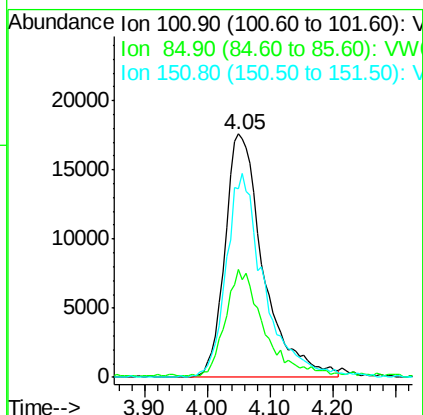
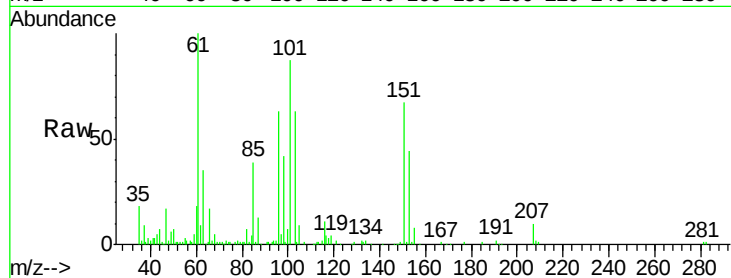
Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tgt Ion:	101	Resp:	74517
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.0	52.4
151	83.4	62.6	94.0



#10

Methyl Iodide

Concen: 17.724 ug/l

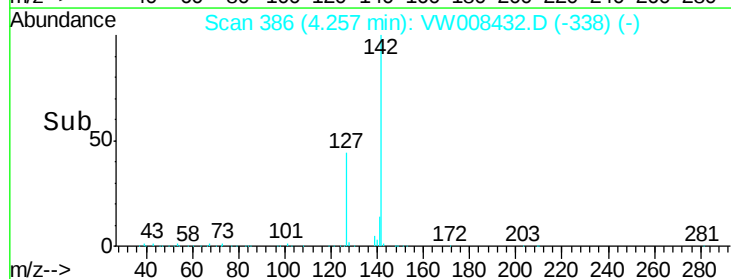
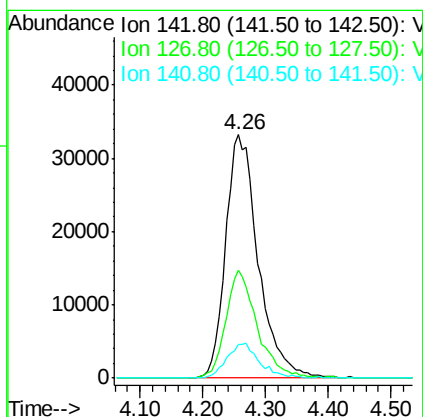
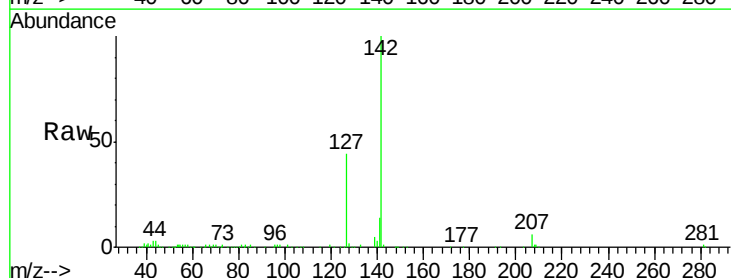
RT: 4.26 min Scan# 386

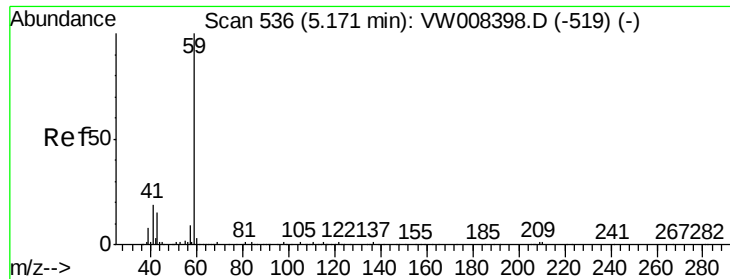
Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	142	Resp:	119418
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.4	11.4	17.2

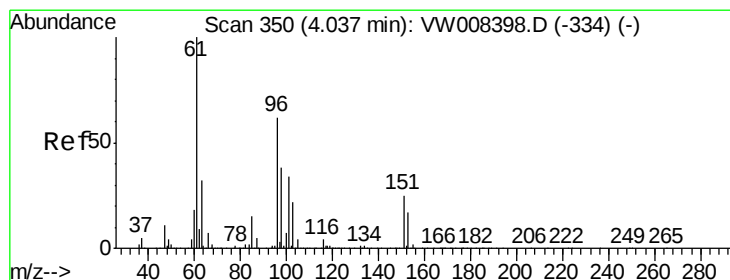
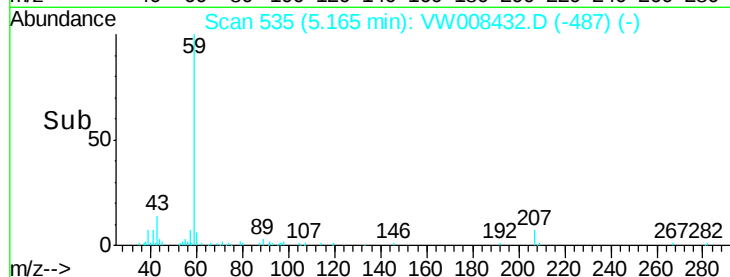
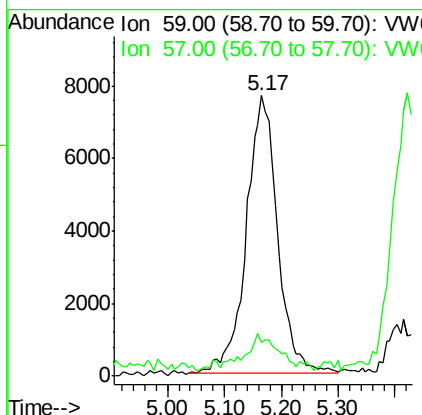
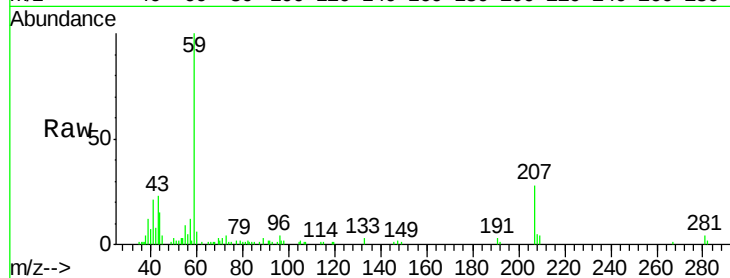




#11
Tert butyl alcohol
Concen: 78.179 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

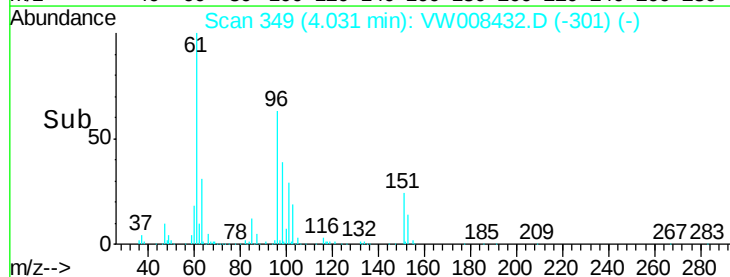
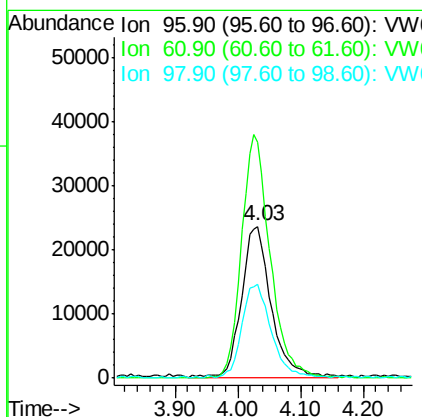
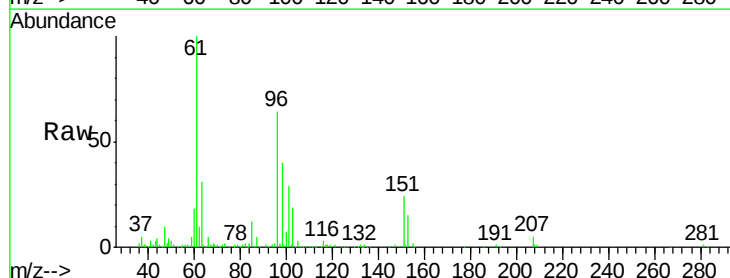
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

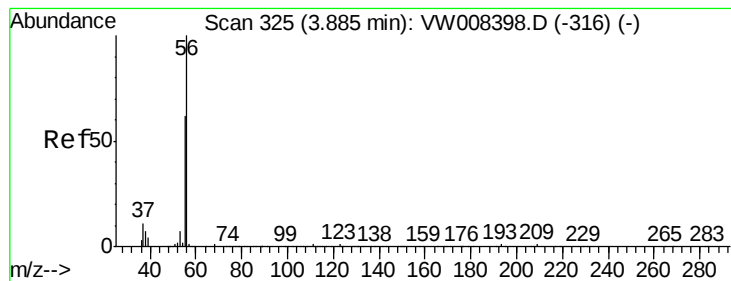
Tgt Ion: 59 Resp: 29163
Ion Ratio Lower Upper
59 100
57 13.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 17.726 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 96 Resp: 76520
Ion Ratio Lower Upper
96 100
61 156.5 129.5 194.3
98 61.2 48.6 73.0





#13

Acrolein

Concen: 98.121 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampled :

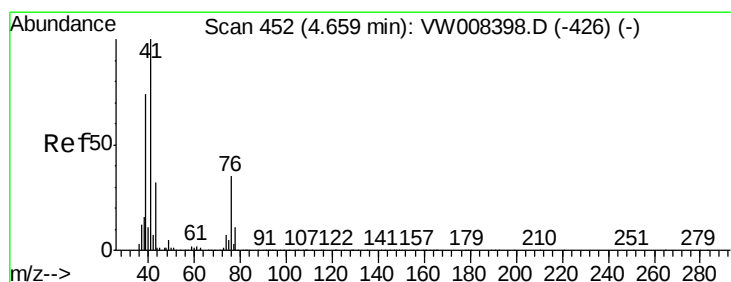
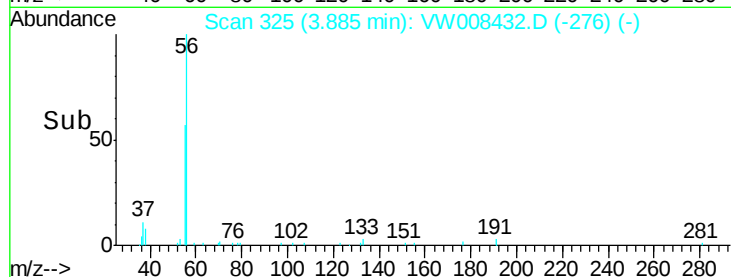
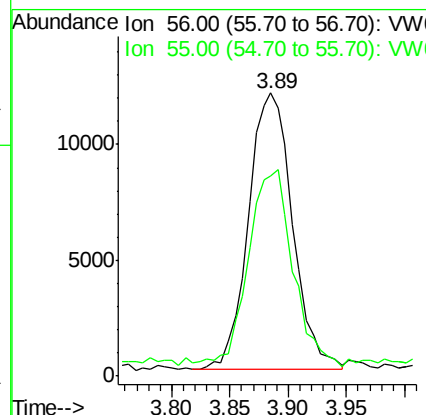
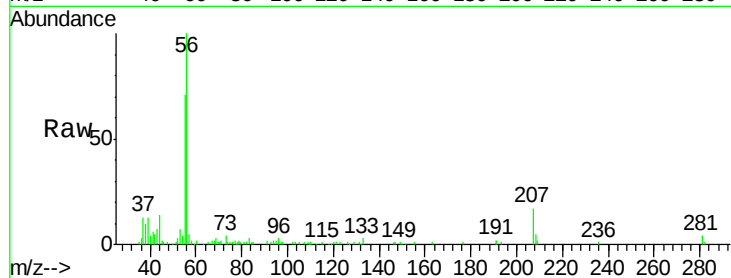
VW0128SBS01

Tgt Ion: 56 Resp: 31442

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Allyl chloride

Concen: 15.821 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

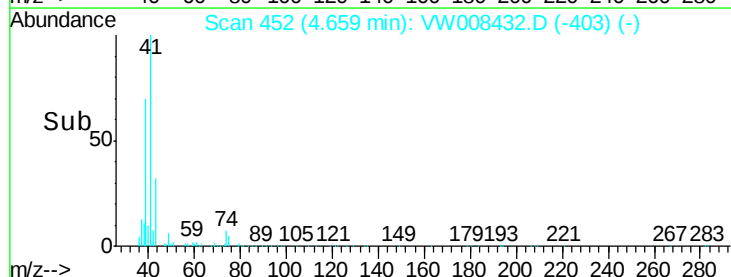
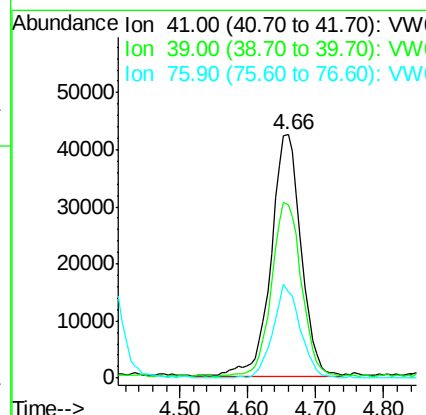
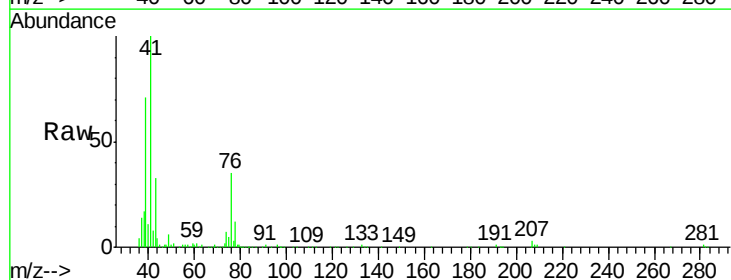
Tgt Ion: 41 Resp: 129689

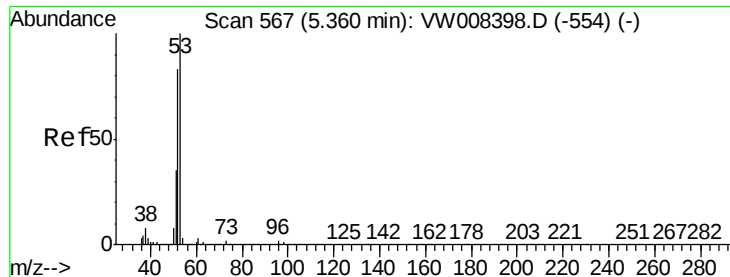
Ion Ratio Lower Upper

41 100

39 71.4 57.7 86.5

76 35.4 26.9 40.3





#15

Acrylonitrile

Concen: 77.449 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

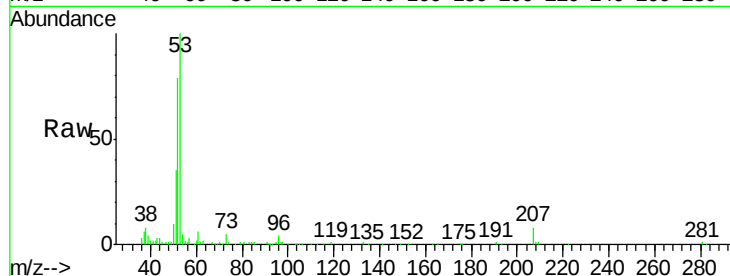
MSVOA_W

ClientSampleId :

VW0128SBS01

Tgt Ion: 53 Resp: 78657

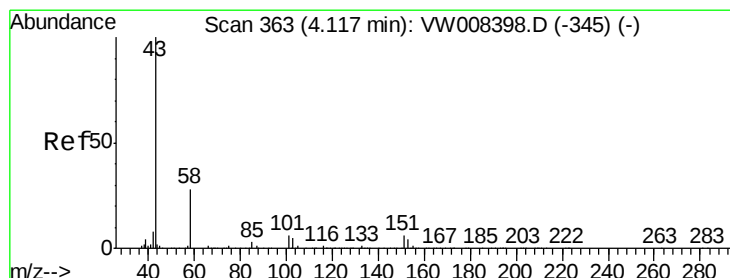
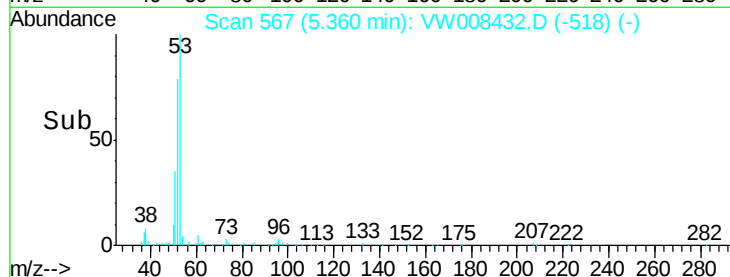
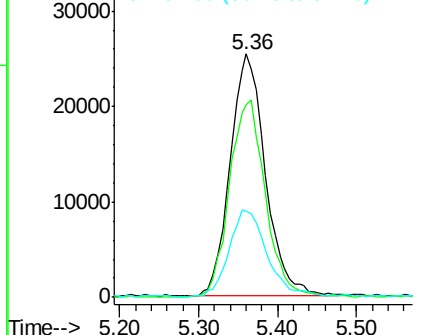
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.0	100.4
51	39.6	29.8	44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 81.175 ug/l

RT: 4.12 min Scan# 363

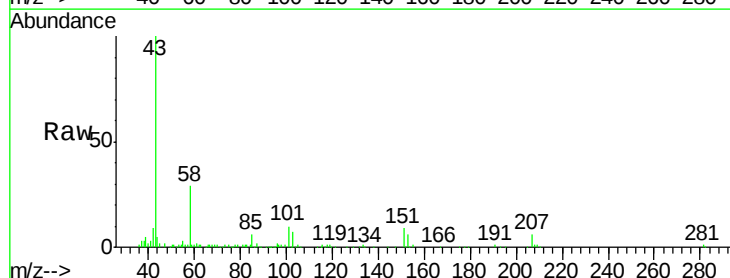
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

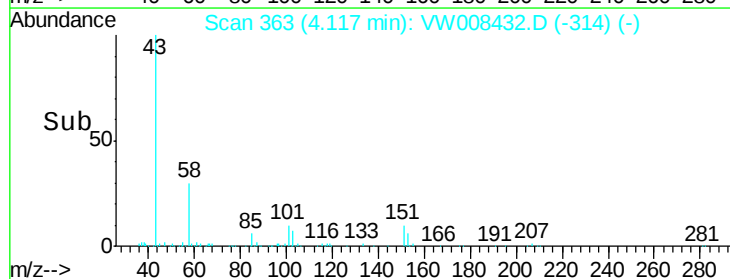
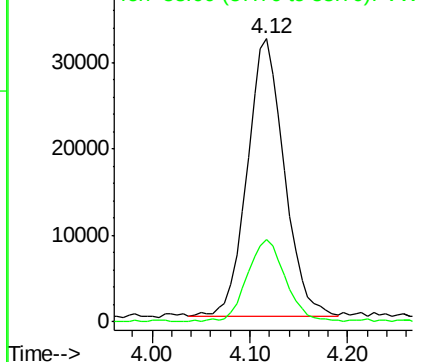
Tgt Ion: 43 Resp: 84459

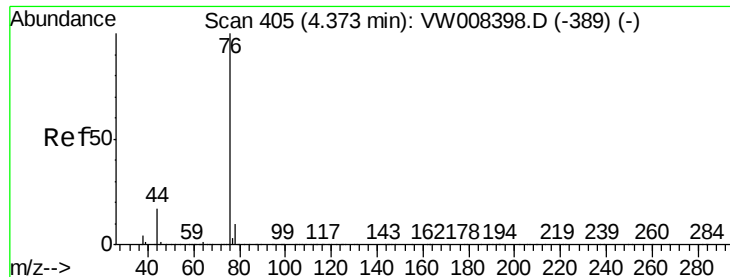
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.6	34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

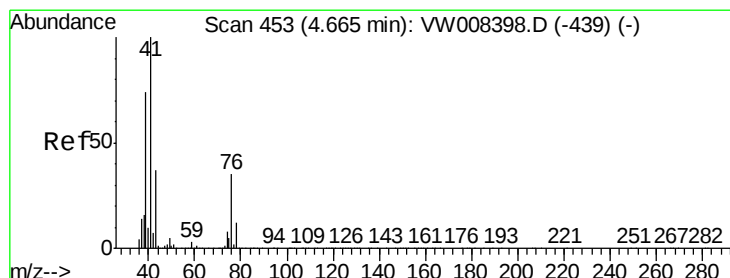
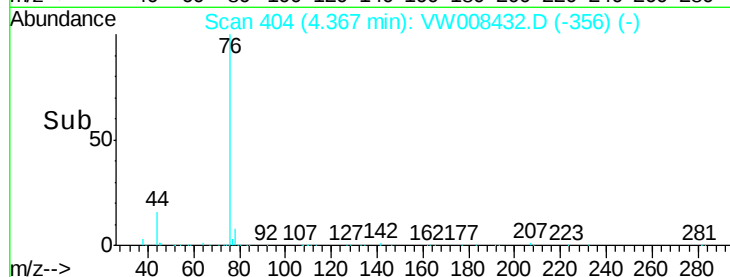
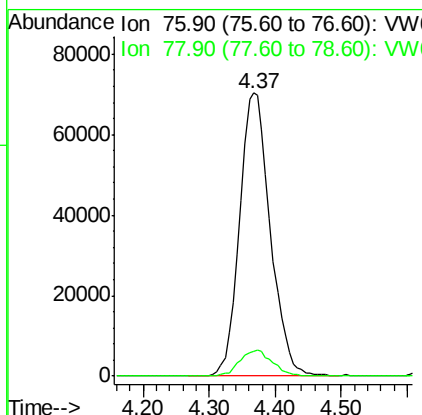
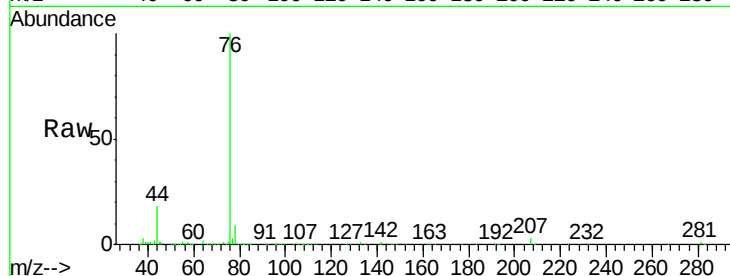




#17
Carbon Disulfide
Concen: 16.434 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

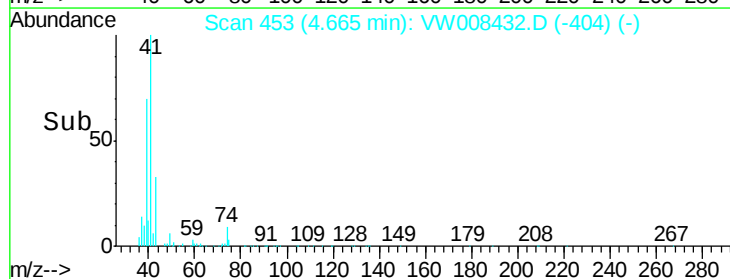
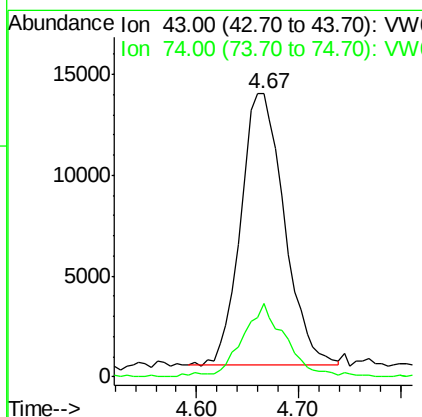
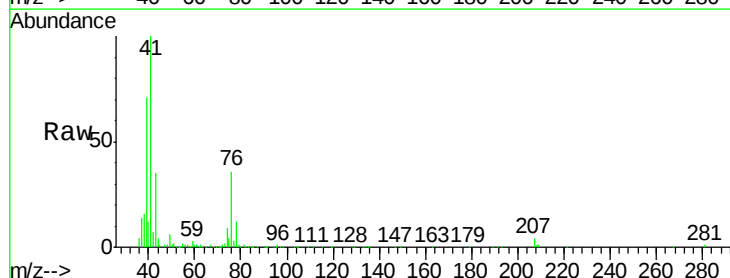
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

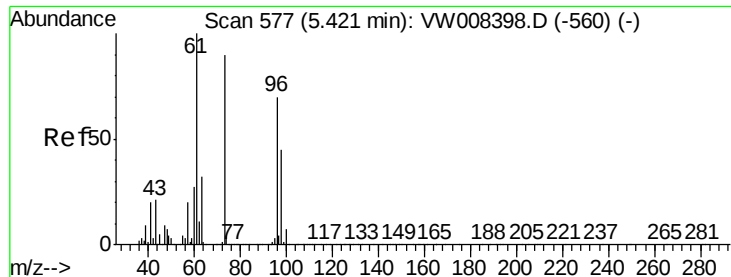
Tgt Ion: 76 Resp: 226583
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5



#18
Methyl Acetate
Concen: 14.330 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 43 Resp: 39767
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3



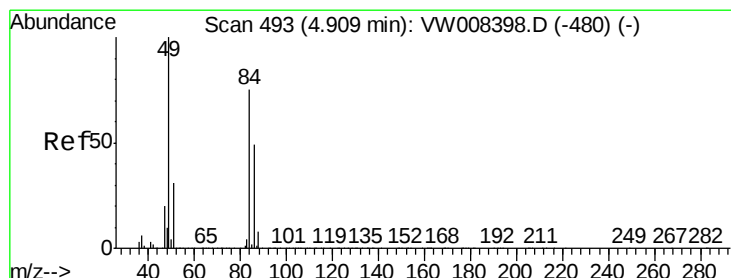
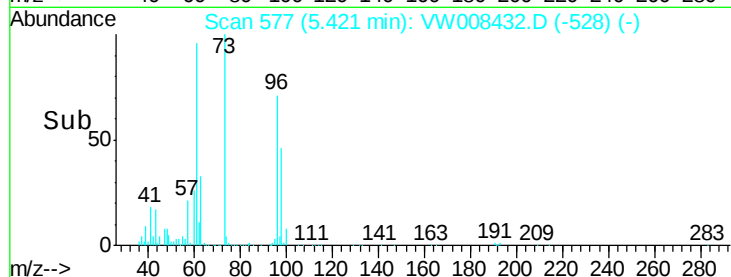
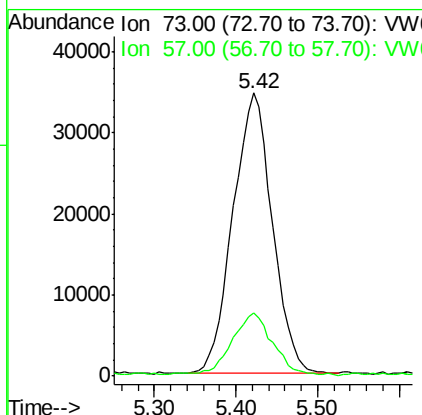
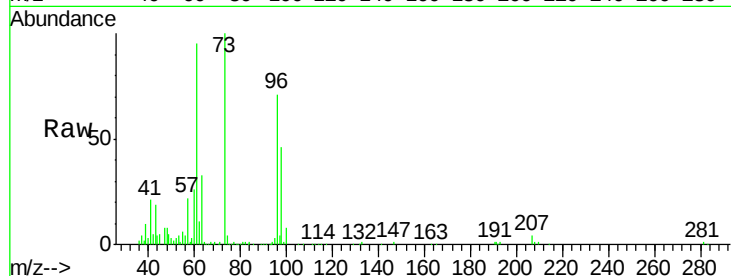


#19

Methyl tert-butyl Ether
 Concen: 16.253 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

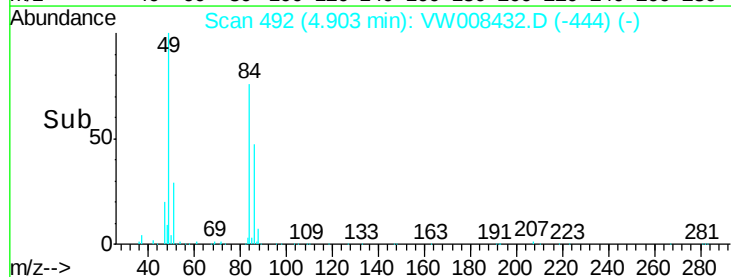
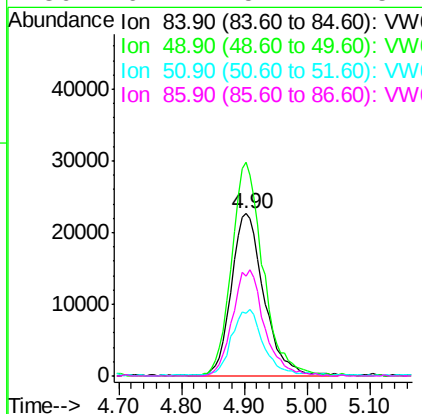
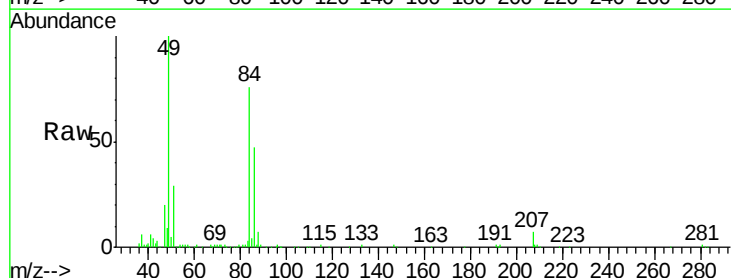
Tgt Ion: 73 Resp: 116084
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

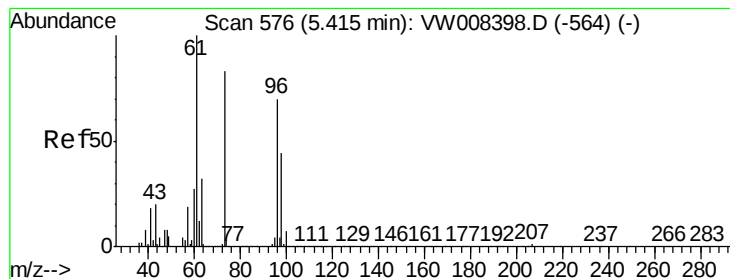


#20

Methylene Chloride
 Concen: 16.873 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 84 Resp: 80917
 Ion Ratio Lower Upper
 84 100
 49 132.2 106.8 160.2
 51 38.1 32.9 49.3
 86 62.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 16.977 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

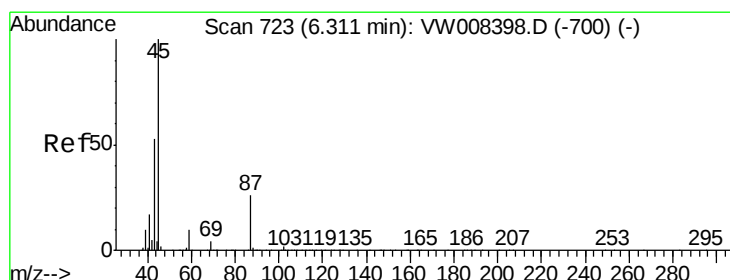
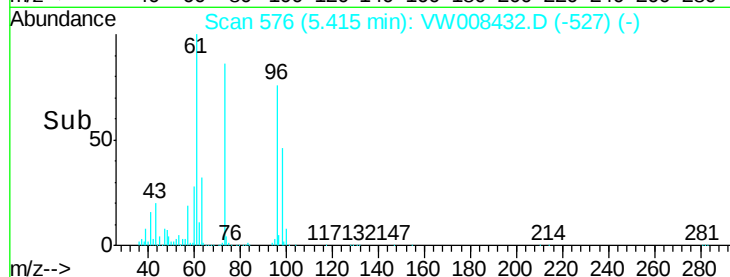
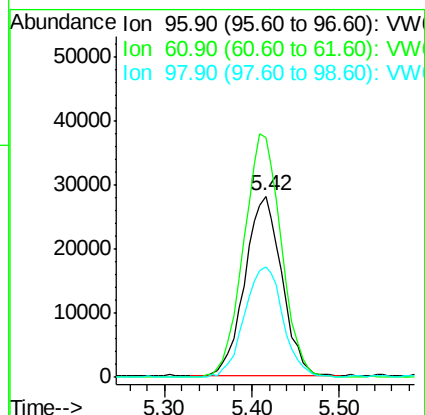
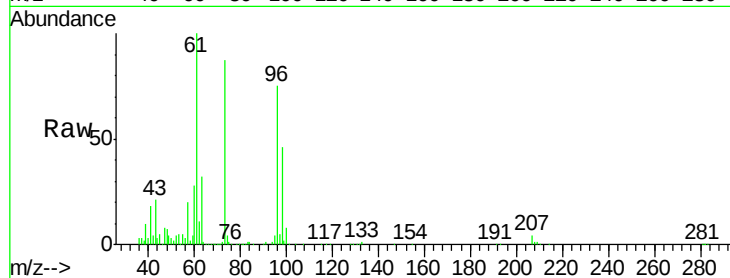
Tgt Ion: 96 Resp: 82392

Ion Ratio Lower Upper

96 100

61 133.3 114.4 171.6

98 60.6 50.6 75.8



#22

Diisopropyl ether

Concen: 15.282 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion: 45 Resp: 237422

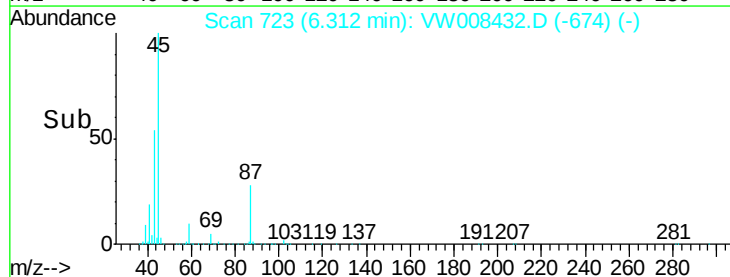
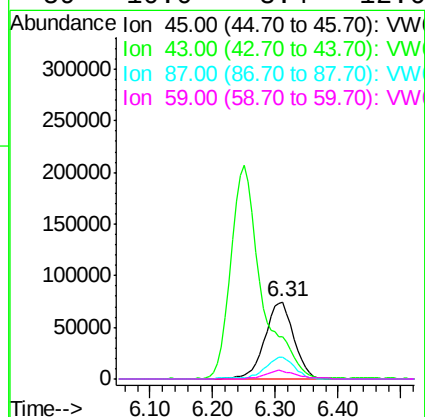
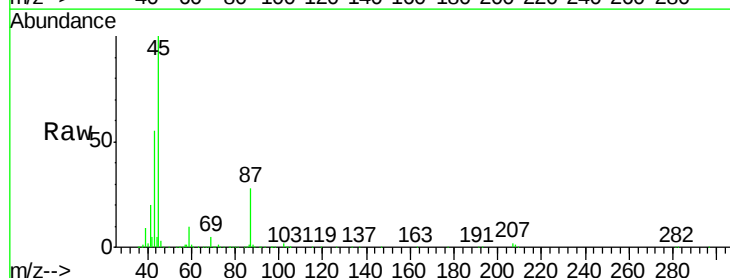
Ion Ratio Lower Upper

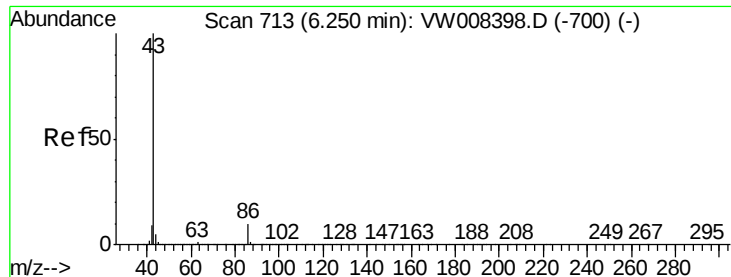
45 100

43 54.1 42.6 63.8

87 27.8 20.3 30.5

59 10.0 8.4 12.6





#23

Vinyl Acetate

Concen: 75.864 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

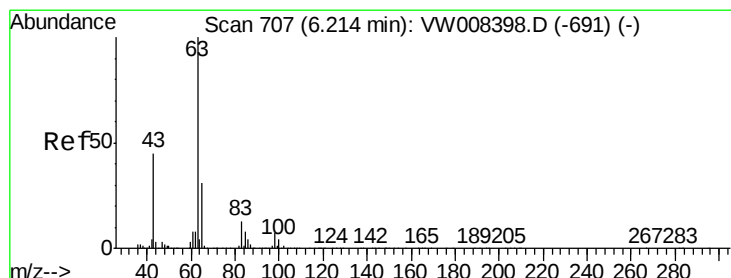
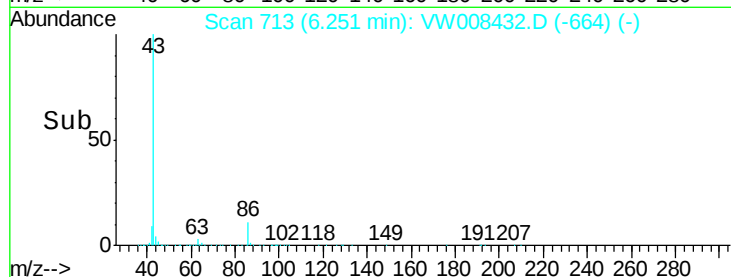
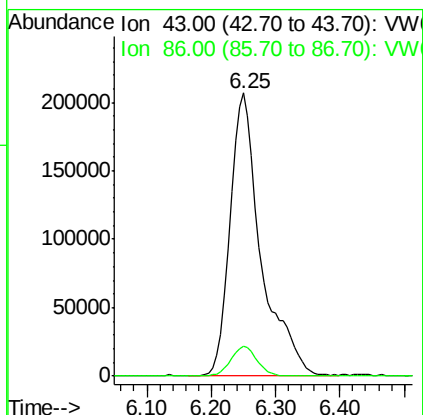
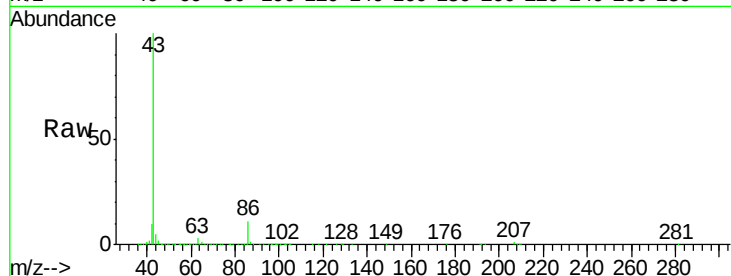
VW0128SBS01

Tgt Ion: 43 Resp: 695939

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 16.163 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

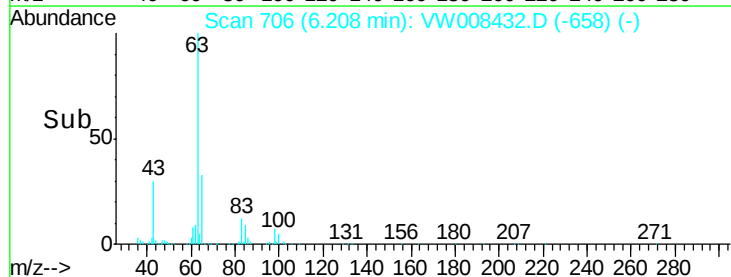
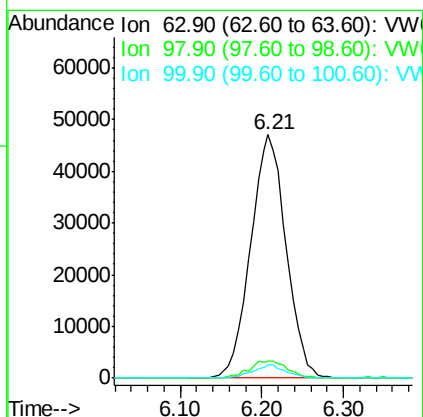
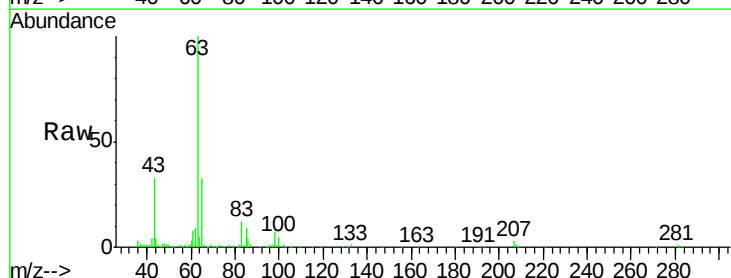
Tgt Ion: 63 Resp: 142133

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 5.2 2.1 6.2





#25

2-Butanone

Concen: 76.171 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

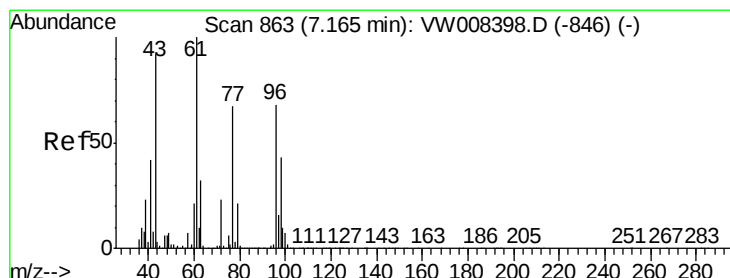
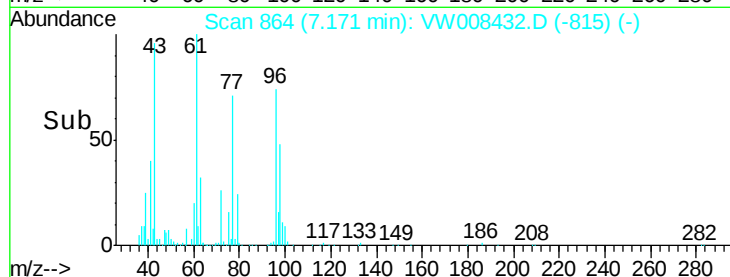
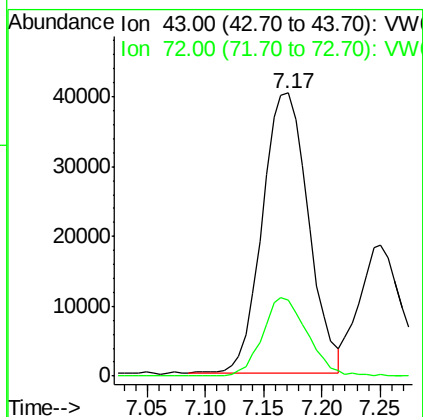
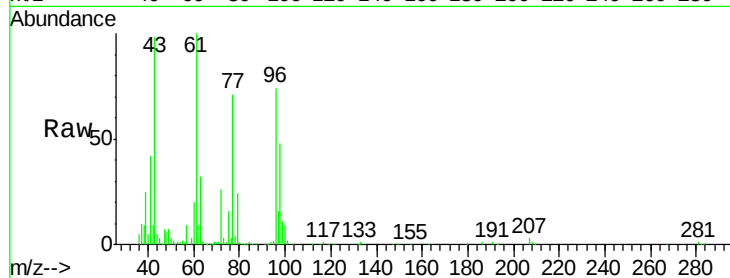
VW0128SBS01

Tgt Ion: 43 Resp: 110081

Ion Ratio Lower Upper

43 100

72 27.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.219 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008432.D

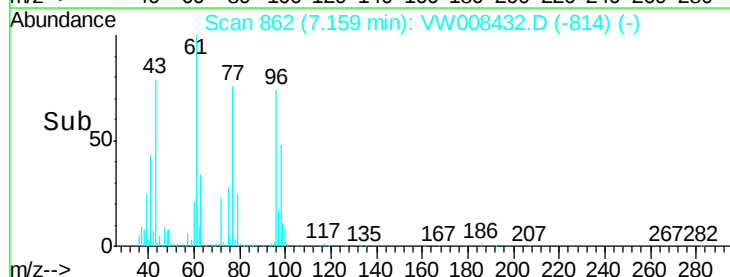
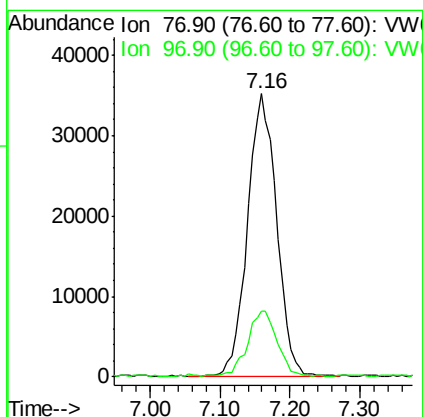
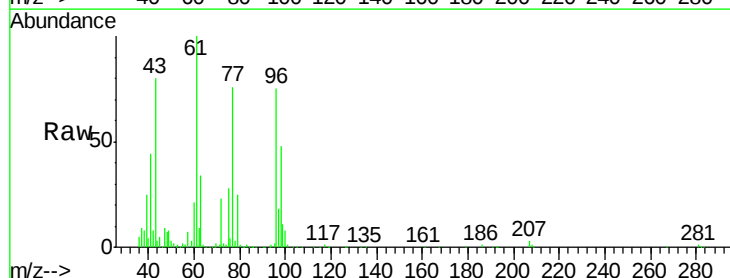
Acq: 28 Jan 2019 11:54

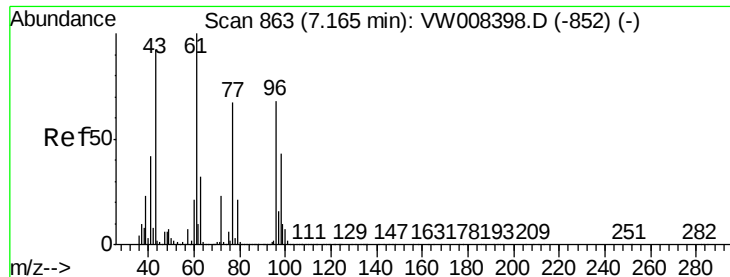
Tgt Ion: 77 Resp: 102349

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



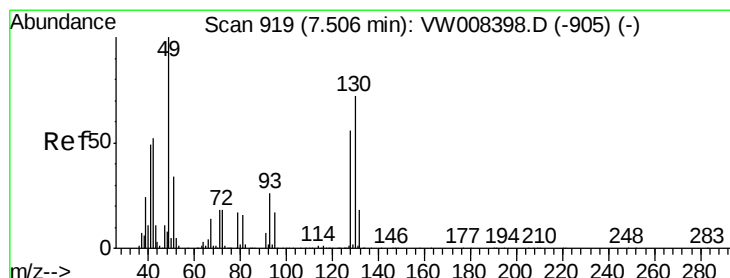
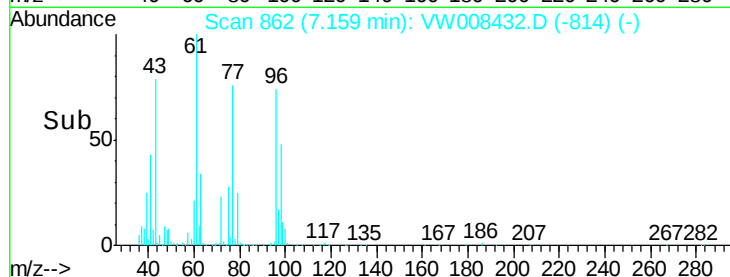
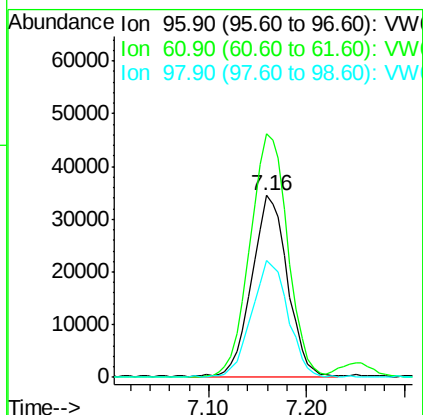
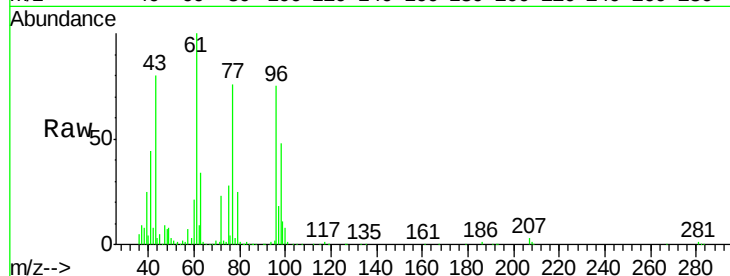


#27

cis-1,2-Dichloroethene
Concen: 16.519 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

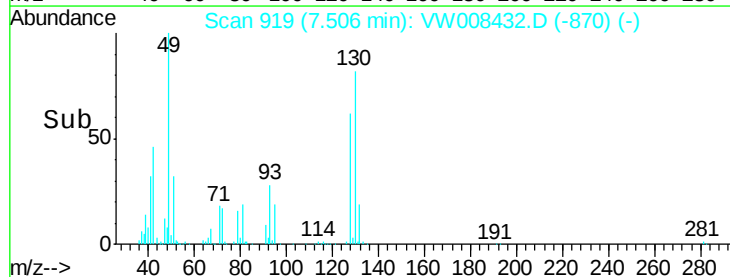
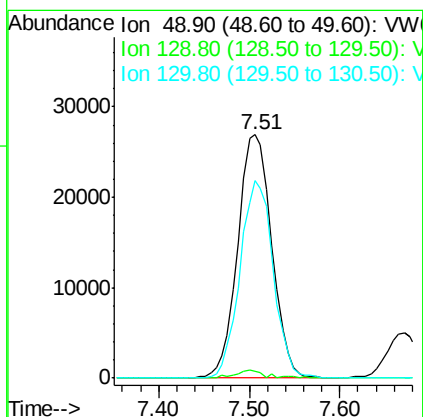
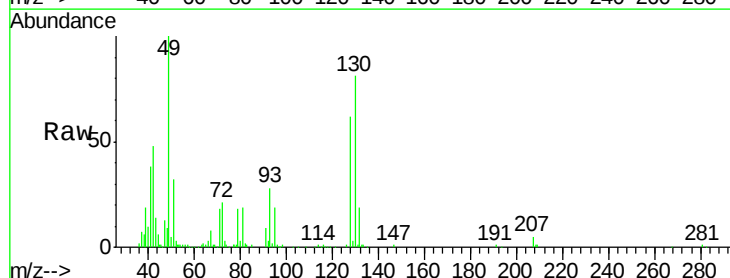
Tgt Ion: 96 Resp: 87374
Ion Ratio Lower Upper
96 100
61 142.6 0.0 292.8
98 65.0 0.0 129.2

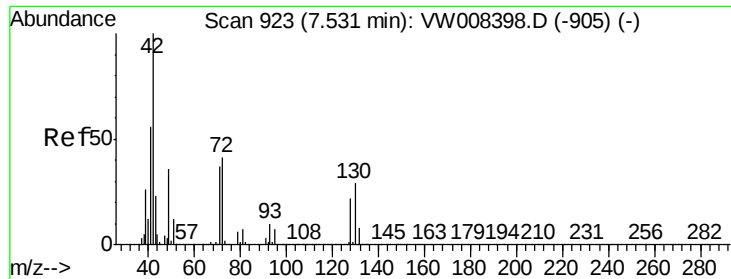


#28

Bromochloromethane
Concen: 17.300 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 49 Resp: 69877
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.6
130 79.4 58.6 87.8

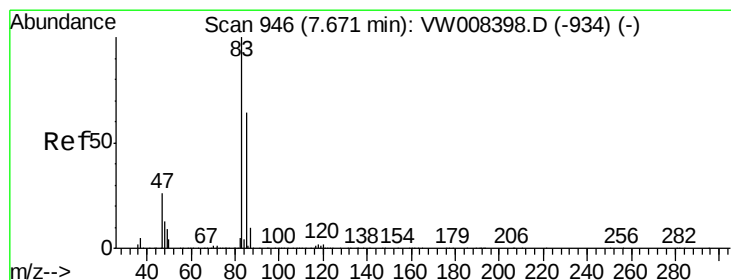
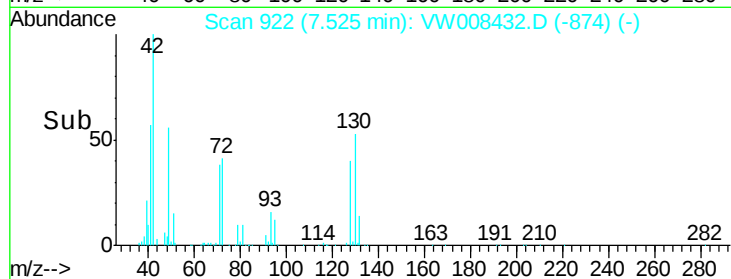
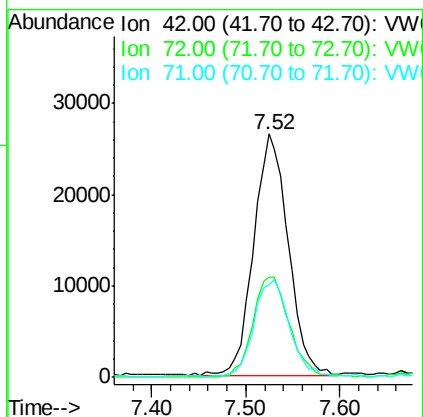
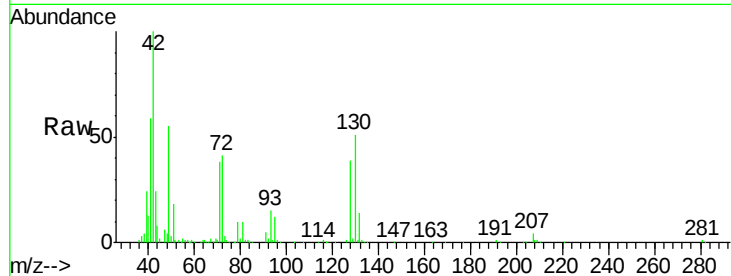




#29
Tetrahydrofuran
Concen: 74.061 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

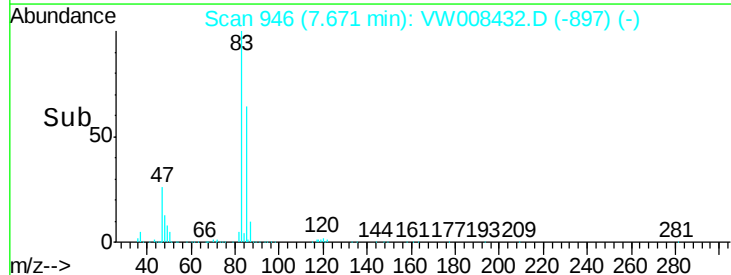
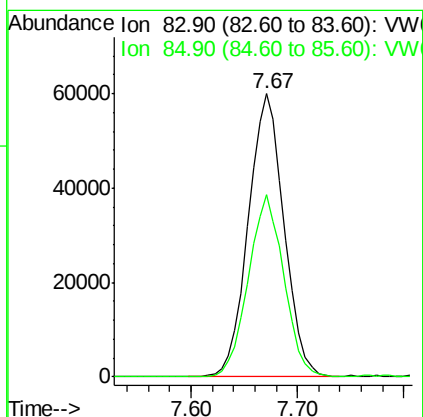
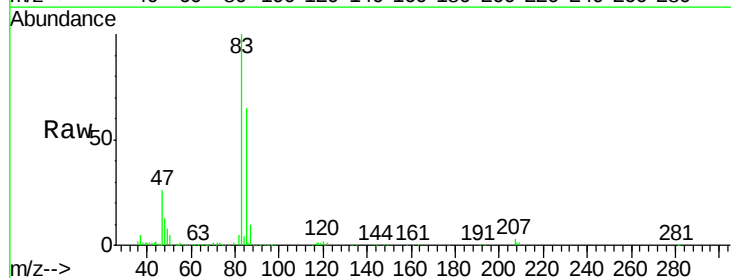
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

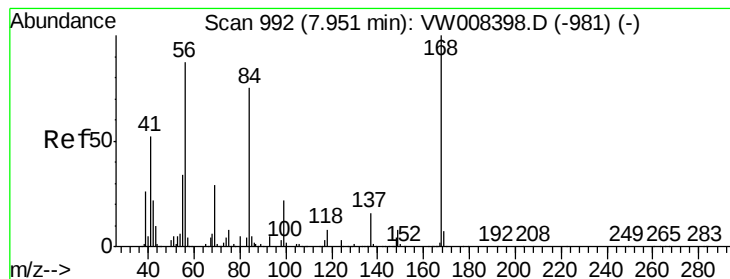
Tgt Ion: 42 Resp: 67826
Ion Ratio Lower Upper
42 100
72 44.7 31.9 47.9
71 42.2 29.9 44.9



#30
Chloroform
Concen: 16.204 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 83 Resp: 140155
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3





#31

Cyclohexane

Concen: 16.158 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

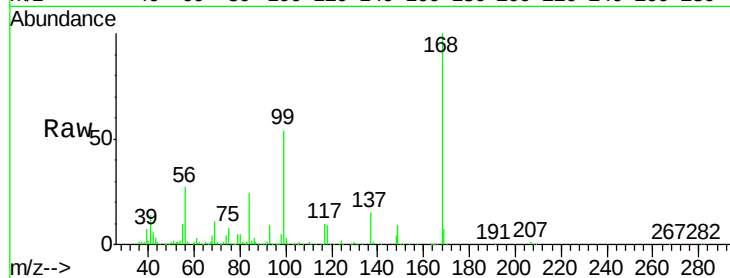
Tgt Ion: 56 Resp: 146923

Ion Ratio Lower Upper

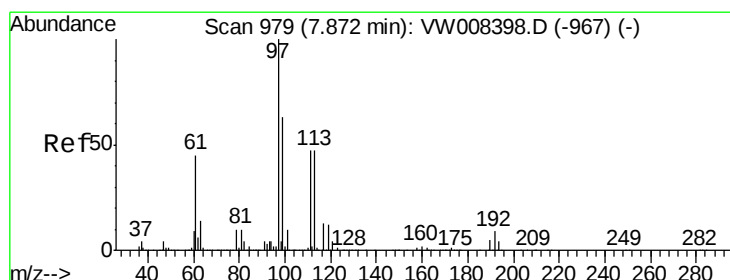
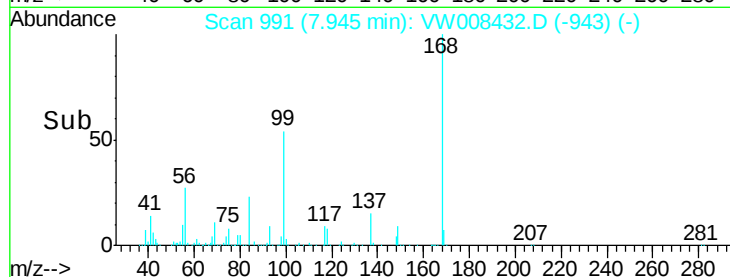
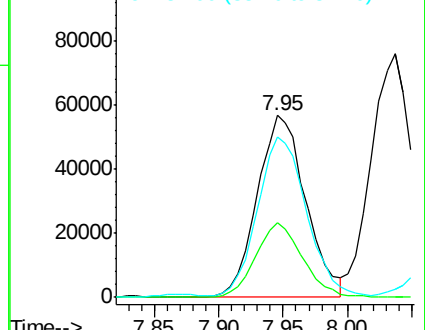
56 100

69 40.8 26.4 39.6#

84 87.4 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: 17.146 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

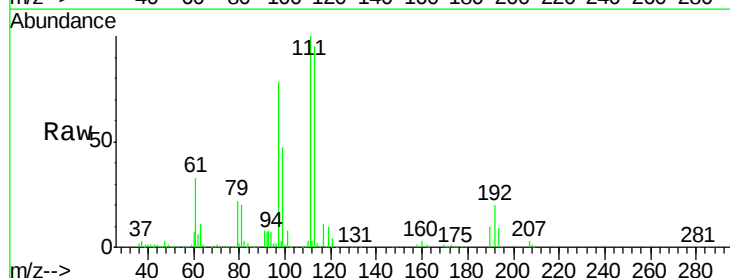
Tgt Ion: 97 Resp: 128092

Ion Ratio Lower Upper

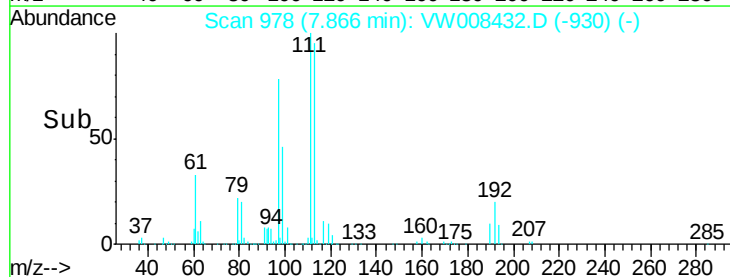
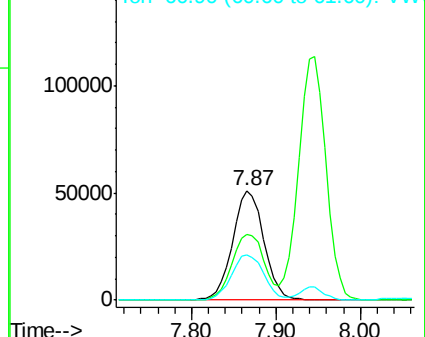
97 100

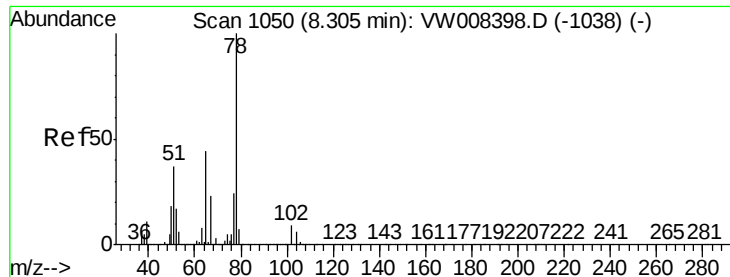
99 62.9 51.3 76.9

61 43.3 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

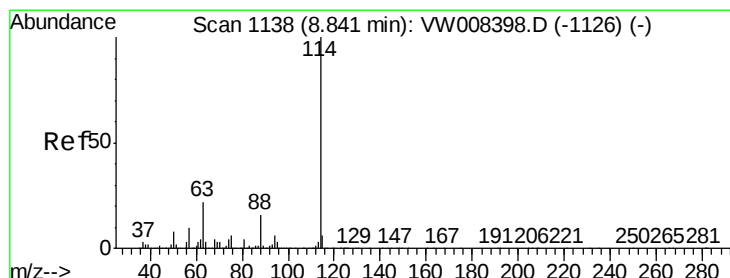
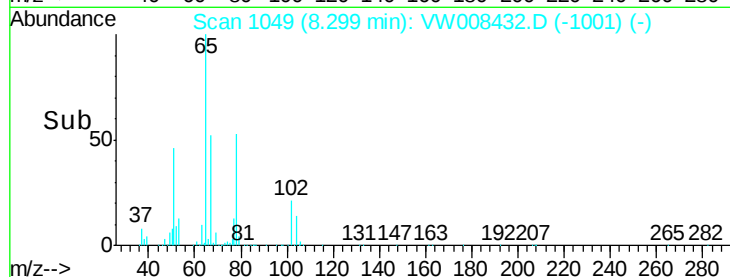
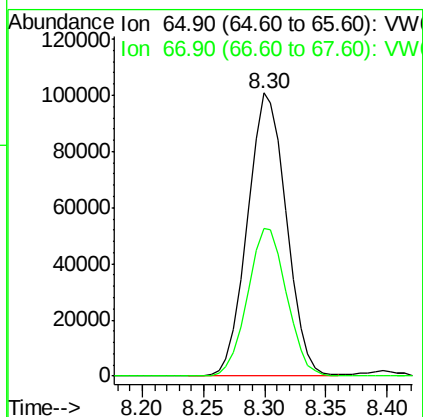
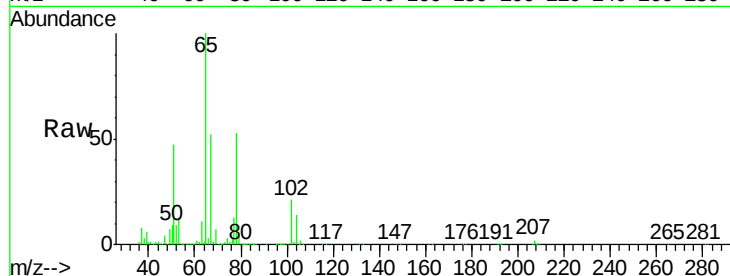




#33
 1,2-Dichloroethane-d4
 Concen: 48.163 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

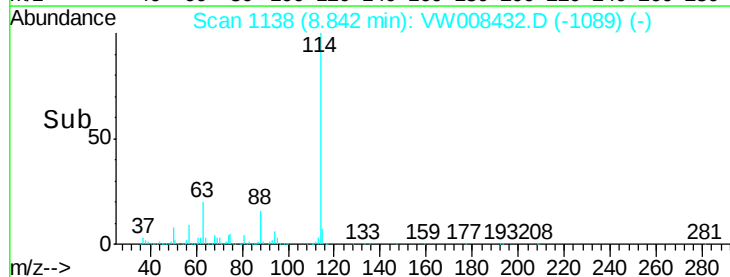
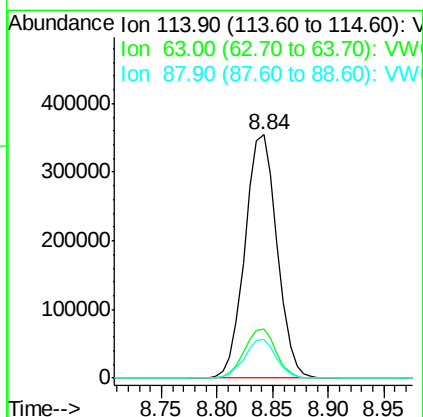
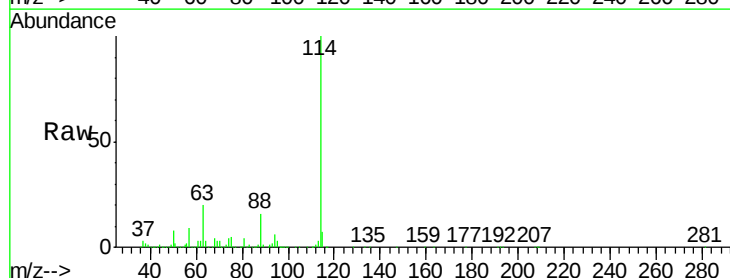
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

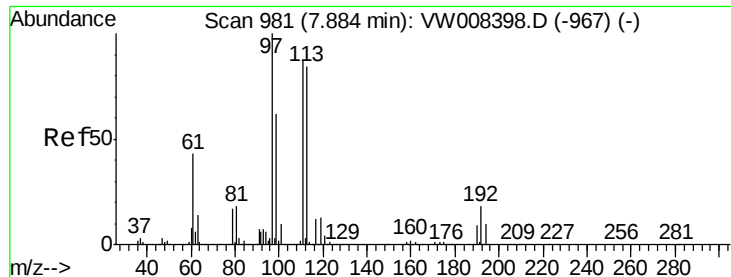
Tgt Ion: 65 Resp: 223148
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 114 Resp: 712099
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.8 0.0 31.8

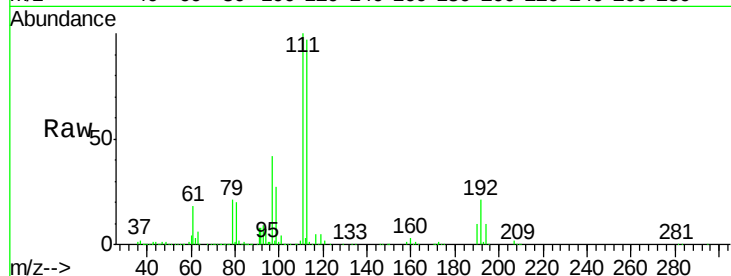




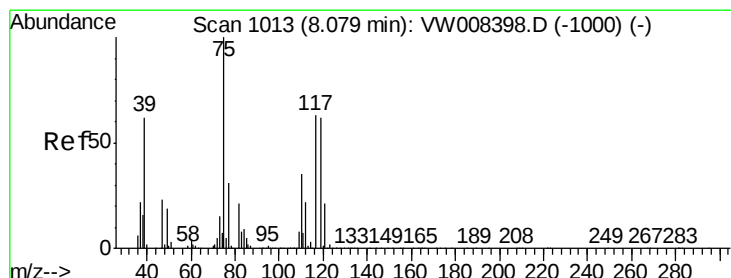
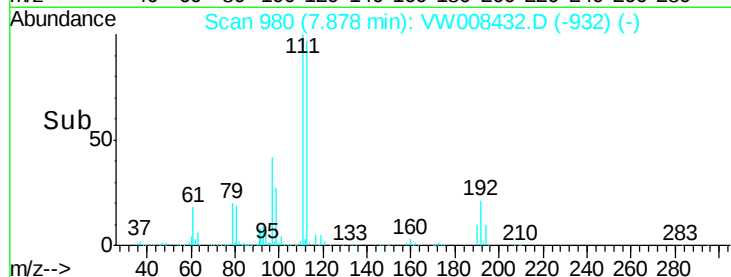
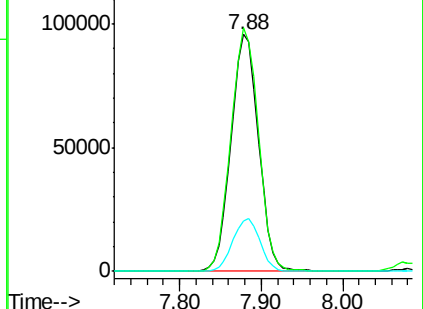
#35
 Dibromofluoromethane
 Concen: 53.331 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.4
192	22.0	16.8	25.2

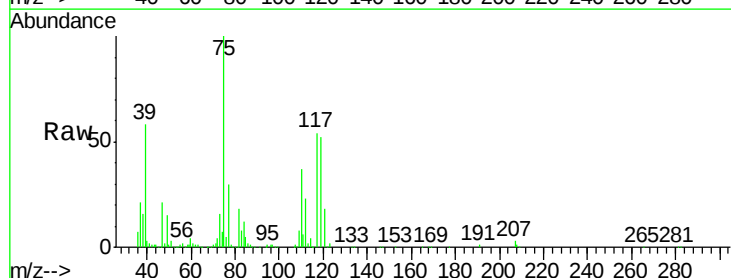


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

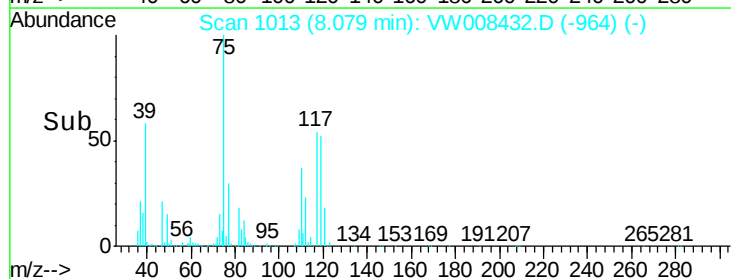
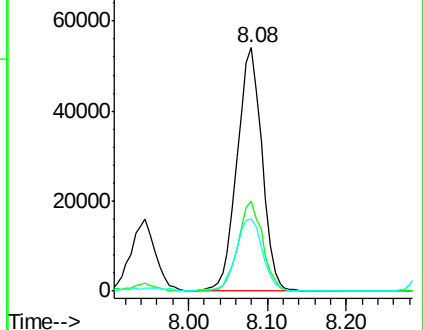


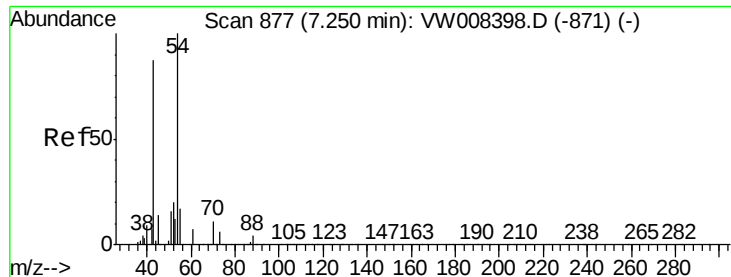
#36
 1,1-Dichloropropene
 Concen: 17.693 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.3	52.0
77	31.2	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

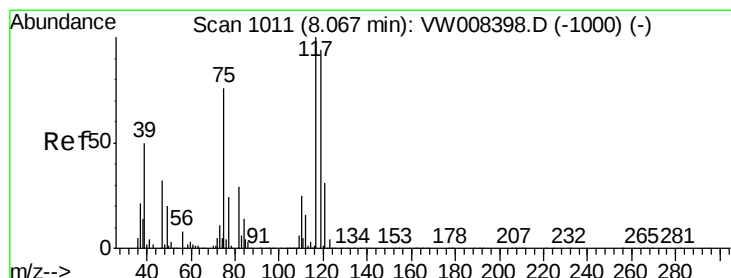
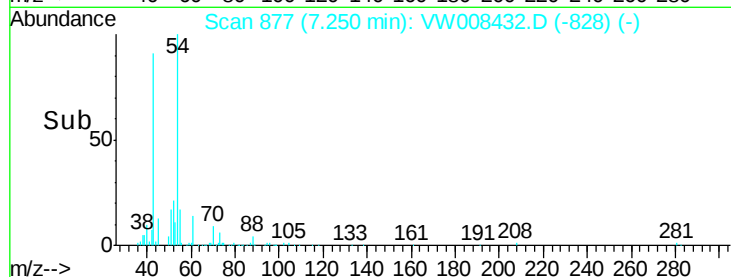
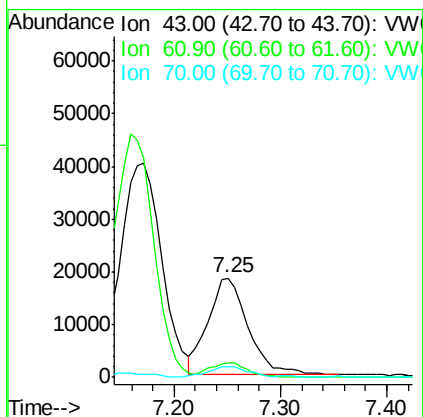
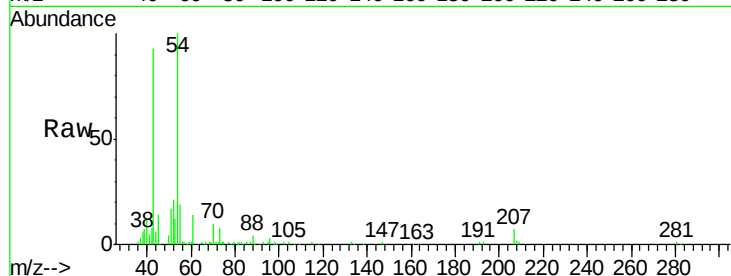




#37
Ethyl Acetate
Concen: 15.965 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

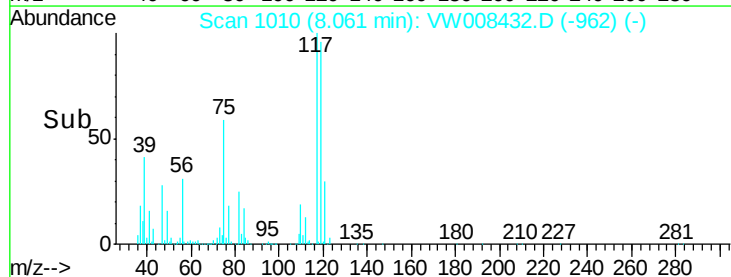
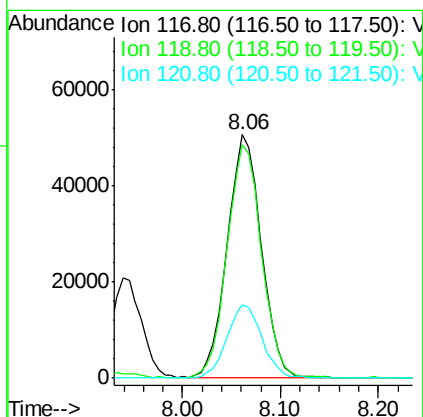
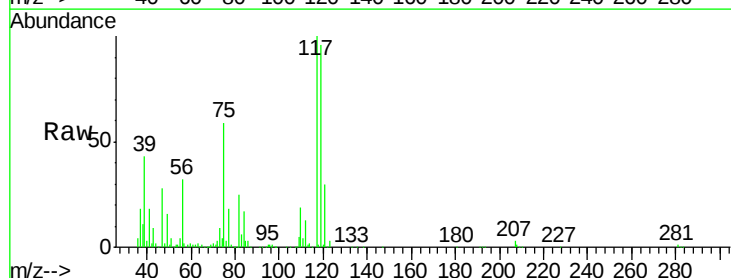
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

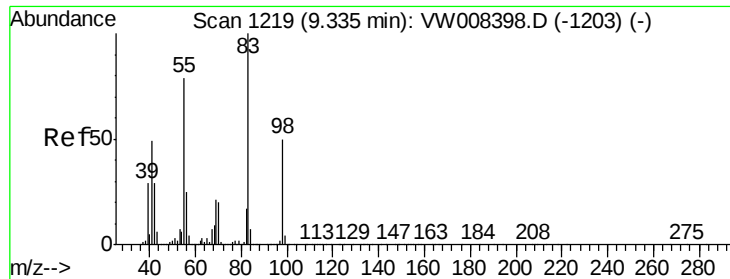
Tgt Ion: 43 Resp: 47512
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 10.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 18.153 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 117 Resp: 122875
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.4
121 30.3 24.9 37.3

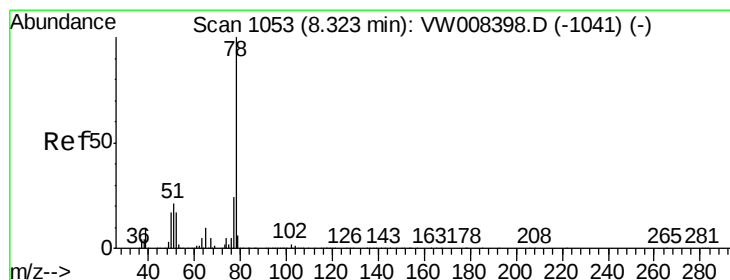
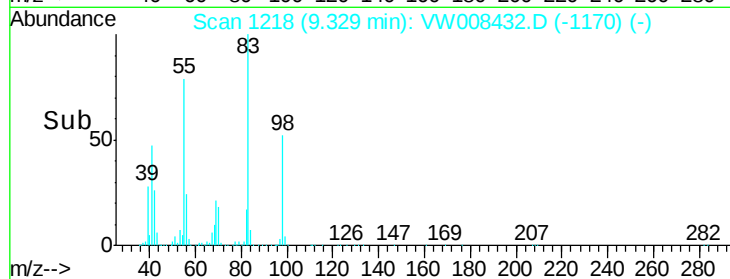
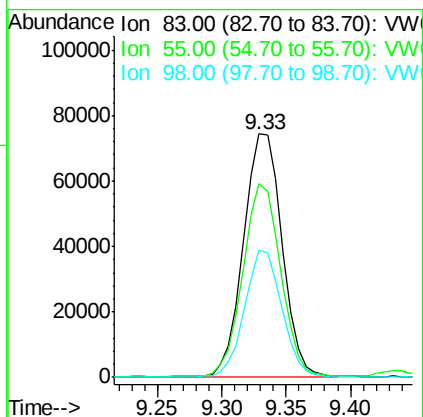
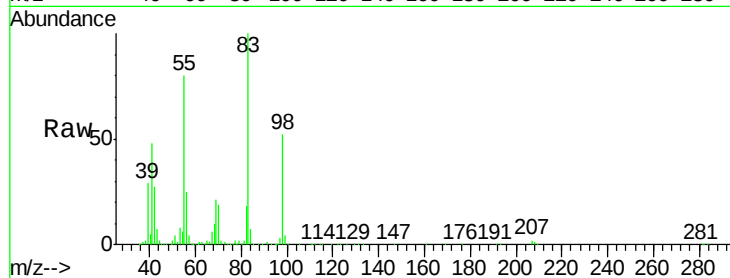




#39
Methylcyclohexane
Concen: 17.381 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

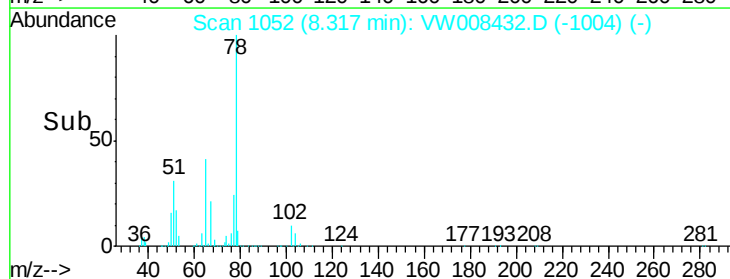
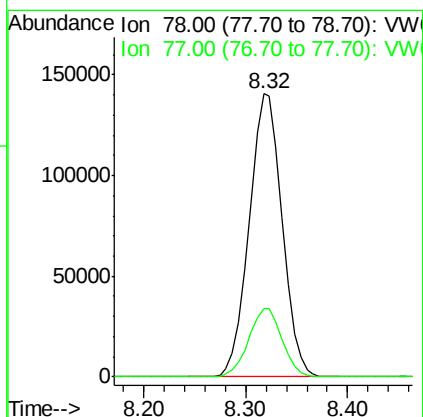
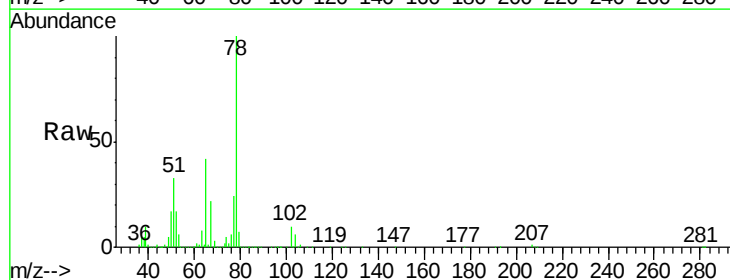
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

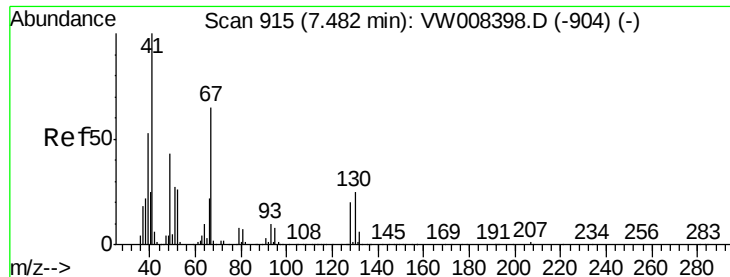
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.2	63.3	94.9
98	52.3	39.7	59.5



#40
Benzene
Concen: 16.915 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41

Methacrylonitrile

Concen: 17.217 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tgt Ion: 41 Resp: 30339

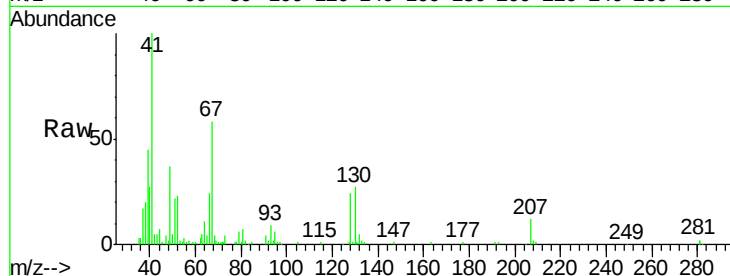
Ion Ratio Lower Upper

41 100

39 58.7 43.4 65.0

67 65.1 54.2 81.2

52 28.0 22.9 34.3

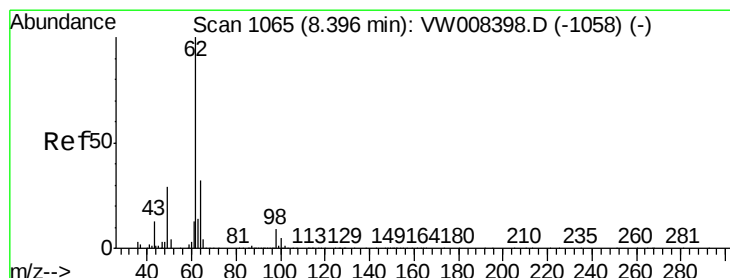
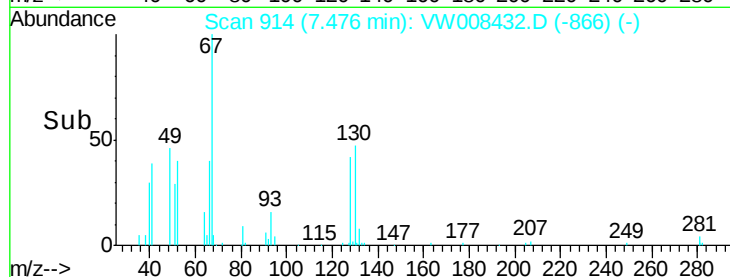
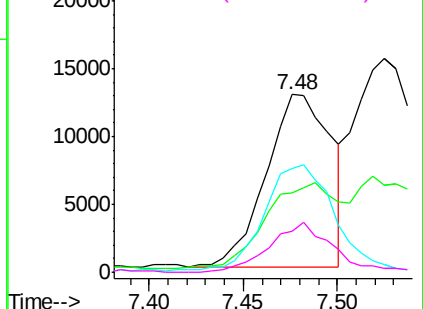


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 16.640 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW008432.D

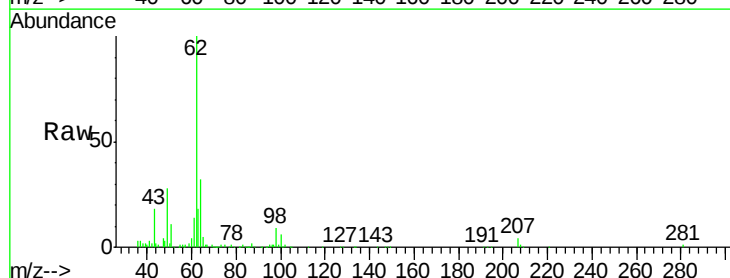
Acq: 28 Jan 2019 11:54

Tgt Ion: 62 Resp: 90006

Ion Ratio Lower Upper

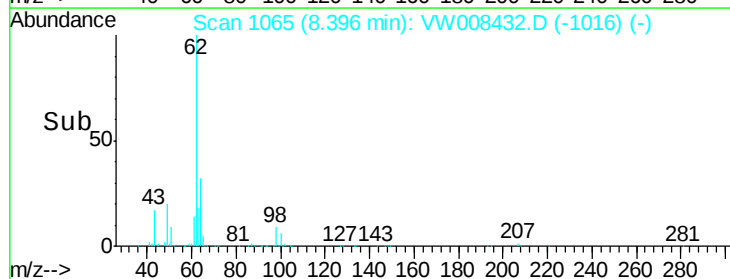
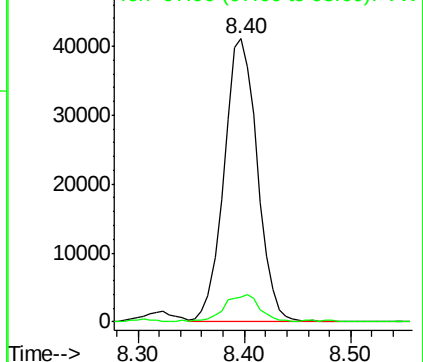
62 100

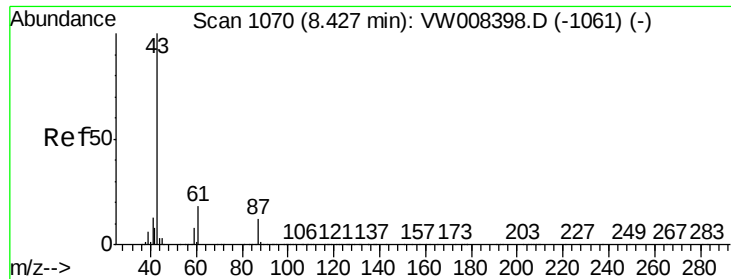
98 10.0 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 16.342 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

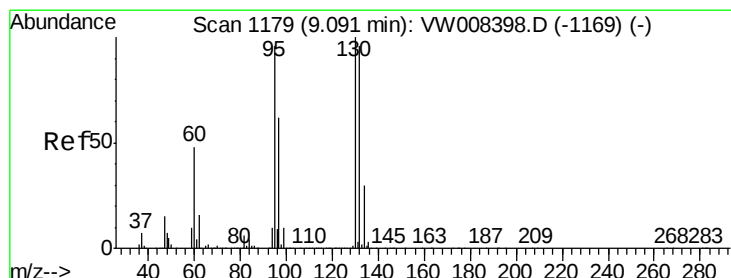
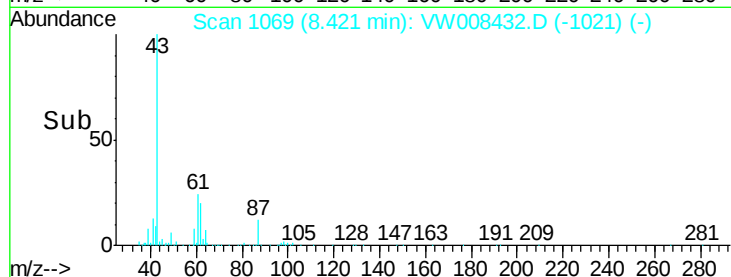
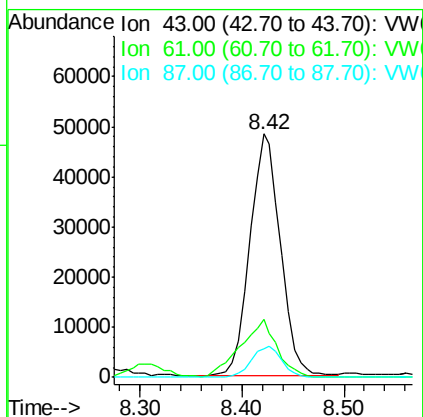
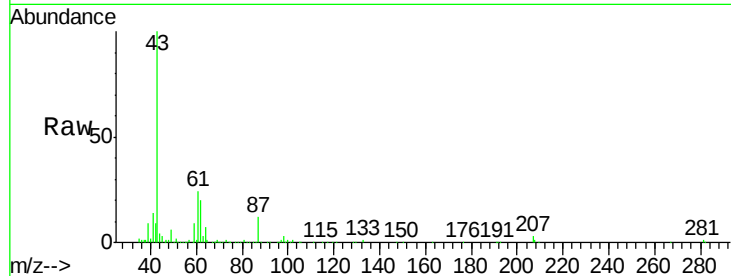
Tgt Ion: 43 Resp: 101037

Ion Ratio Lower Upper

43 100

61 28.7 22.0 33.0

87 12.8 9.3 13.9



#44

Trichloroethene

Concen: 18.197 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008432.D

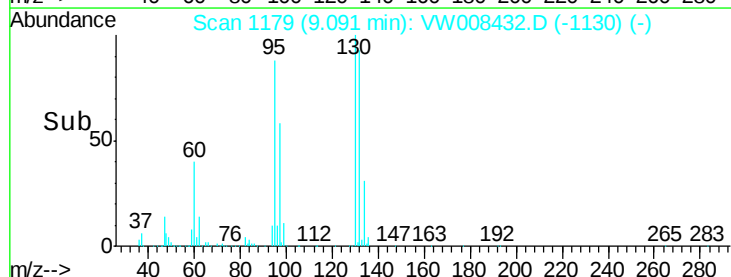
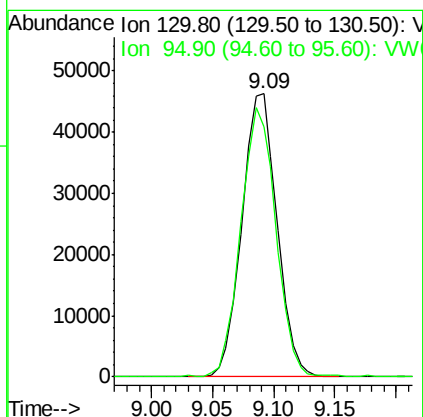
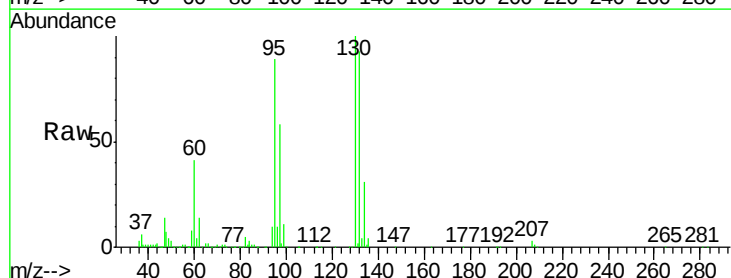
Acq: 28 Jan 2019 11:54

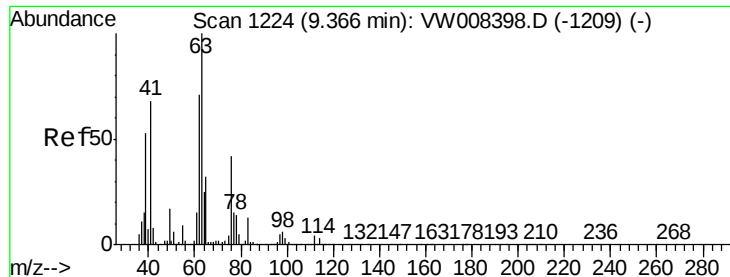
Tgt Ion: 130 Resp: 92365

Ion Ratio Lower Upper

130 100

95 88.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 16.559 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

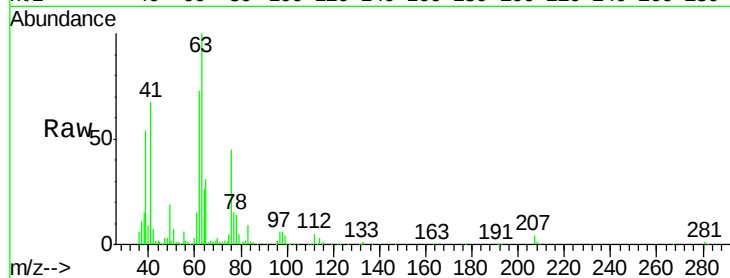
VW0128SBS01

Tgt Ion: 63 Resp: 77064

Ion Ratio Lower Upper

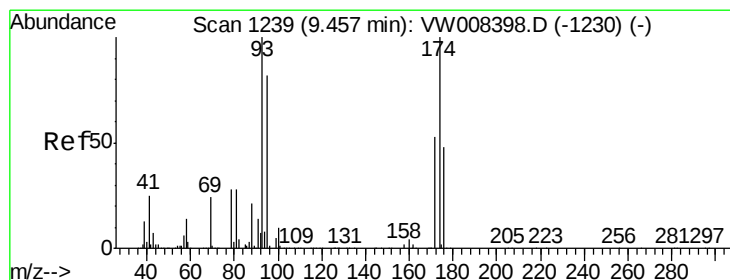
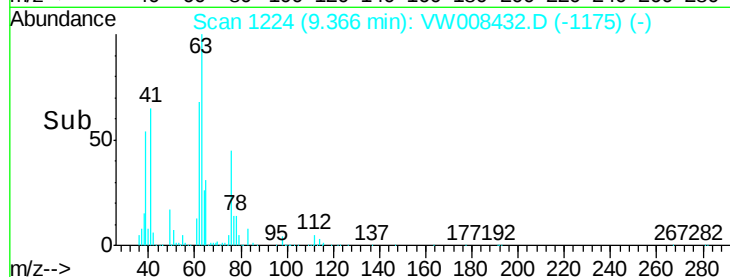
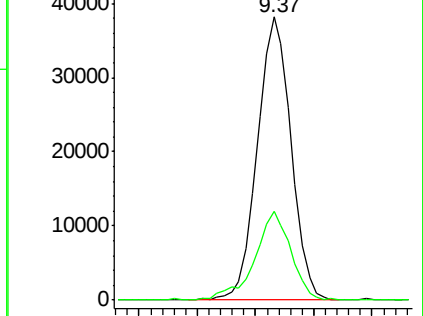
63 100

65 31.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 17.039 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

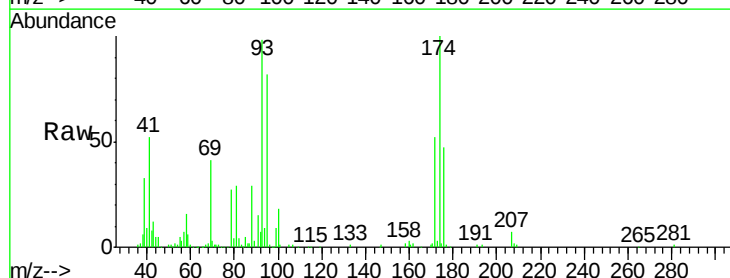
Tgt Ion: 93 Resp: 40787

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

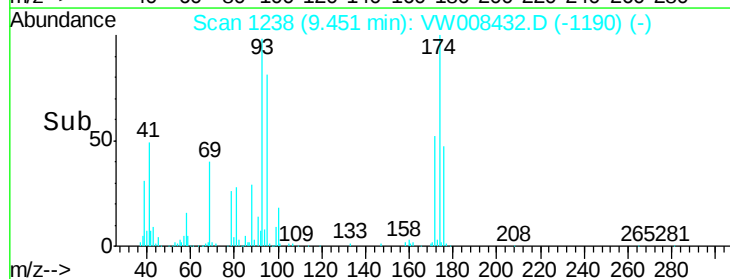
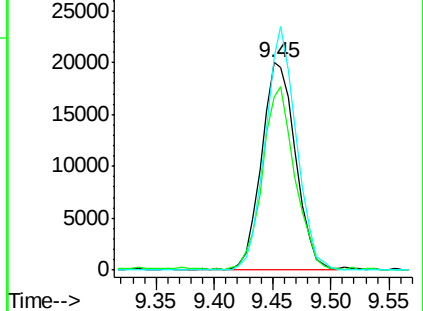
174 106.3 81.0 121.6

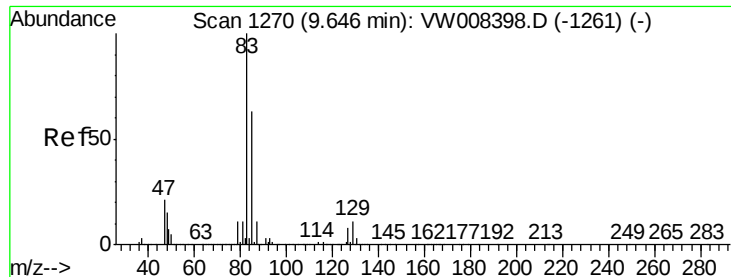


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.828 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

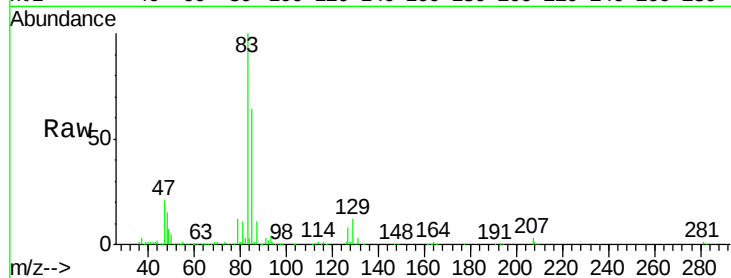
Tgt Ion: 83 Resp: 106546

Ion Ratio Lower Upper

83 100

85 63.7 50.8 76.2

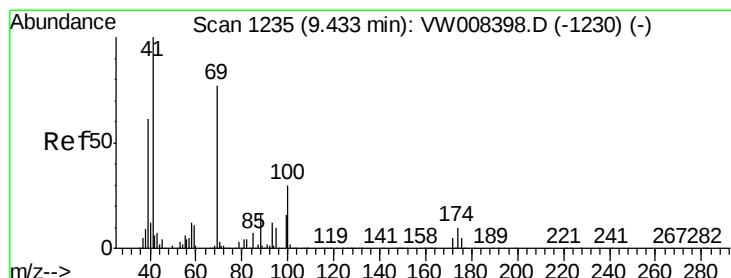
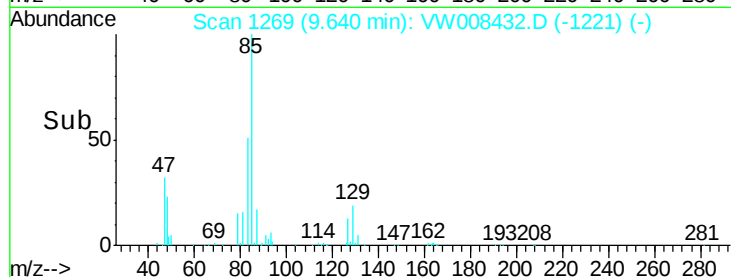
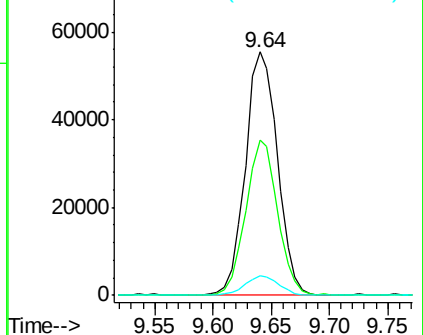
127 8.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.117 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

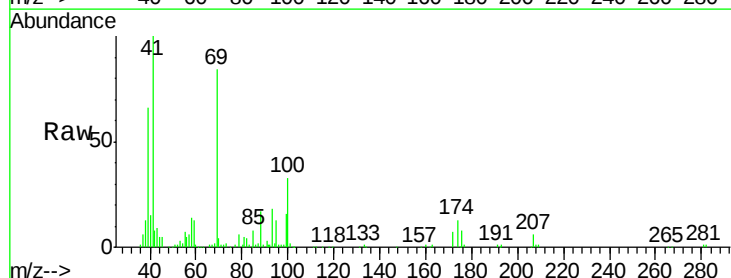
Tgt Ion: 41 Resp: 48724

Ion Ratio Lower Upper

41 100

69 78.4 64.8 97.2

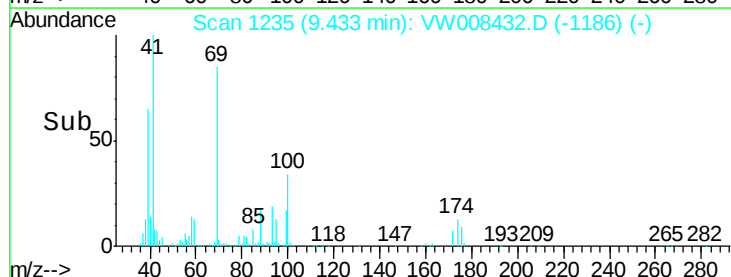
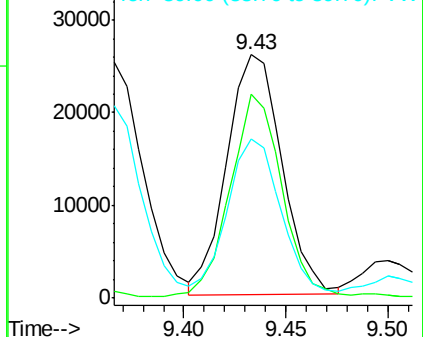
39 63.5 49.1 73.7

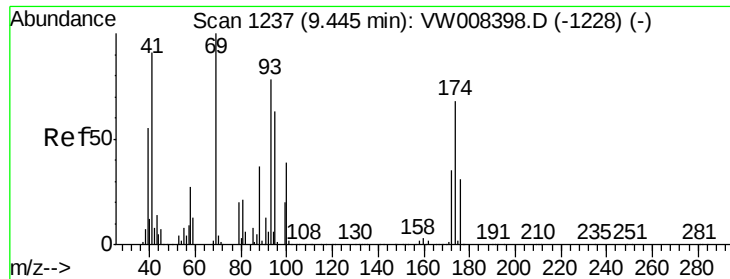


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

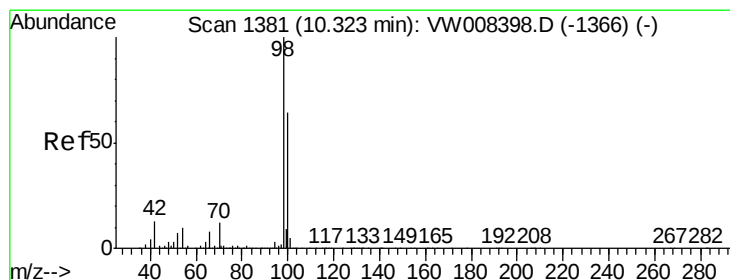
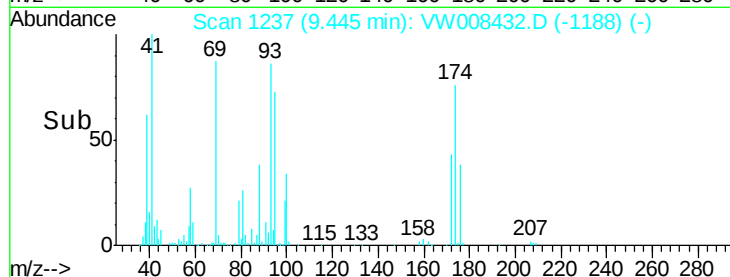
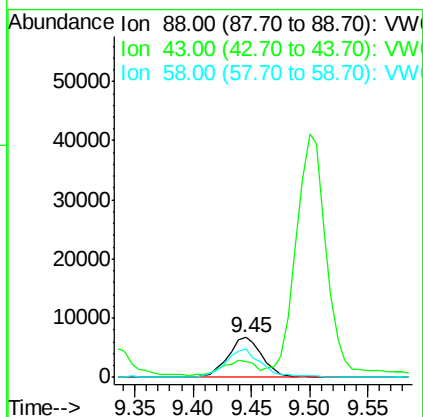
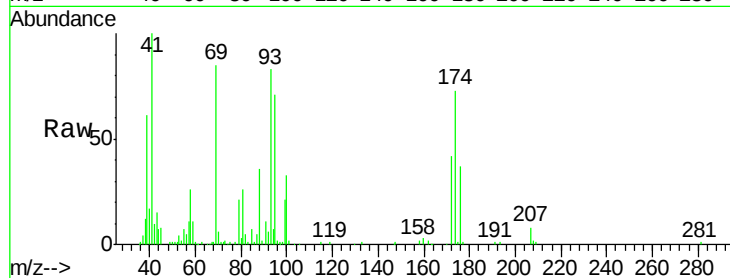




#49
1,4-Dioxane
Concen: 342.550 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

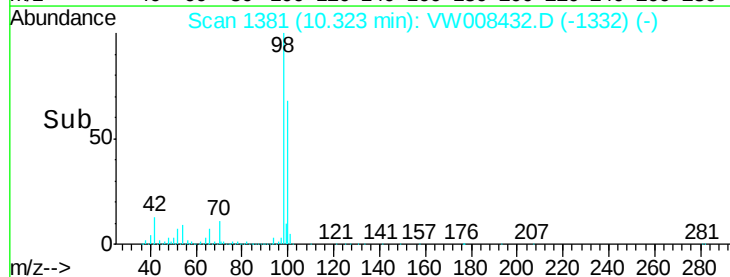
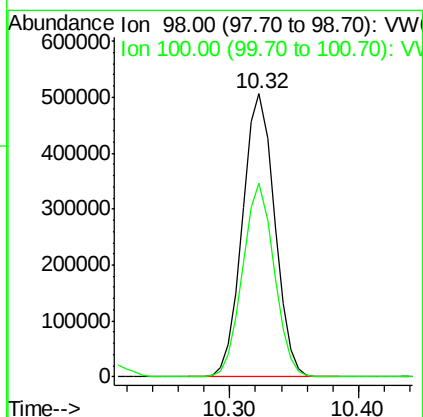
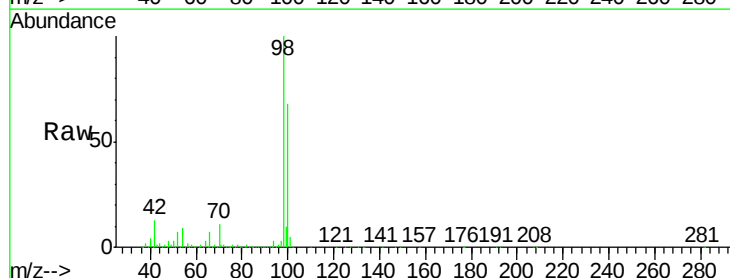
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

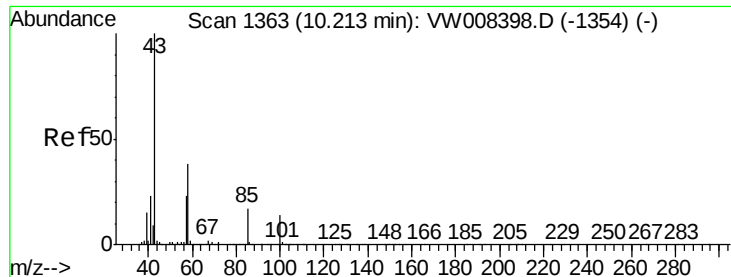
Tgt Ion: 88 Resp: 13860
Ion Ratio Lower Upper
88 100
43 33.8 29.0 43.4
58 76.4 56.4 84.6



#50
Toluene-d8
Concen: 52.341 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 98 Resp: 873953
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 77.576 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

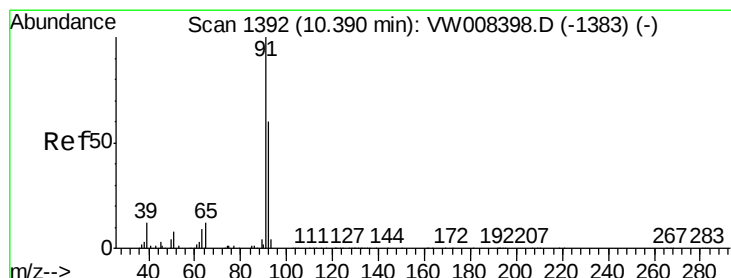
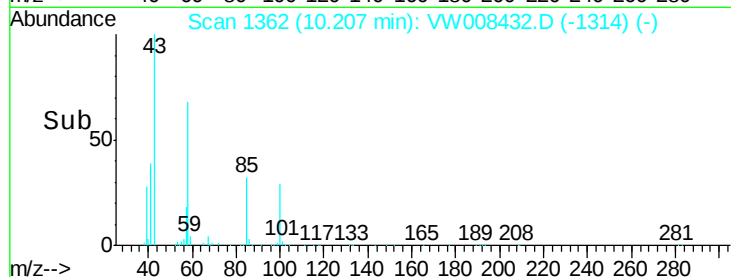
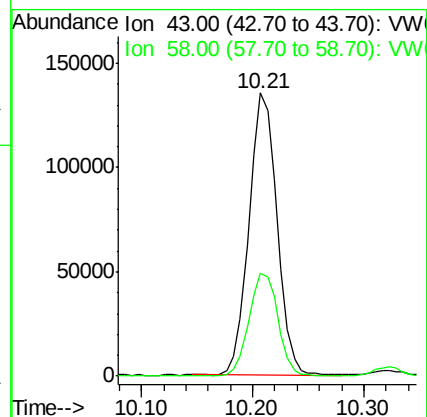
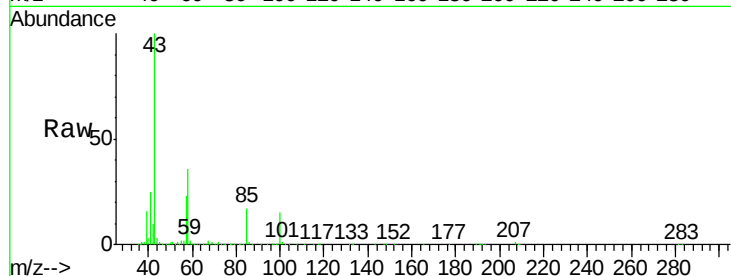
VW0128SBS01

Tgt Ion: 43 Resp: 236954

Ion Ratio Lower Upper

43 100

58 38.0 29.7 44.5



#52

Toluene

Concen: 17.107 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008432.D

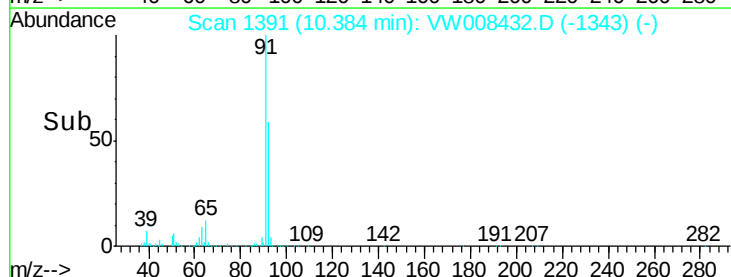
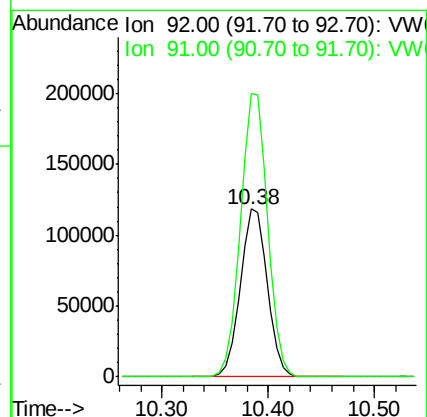
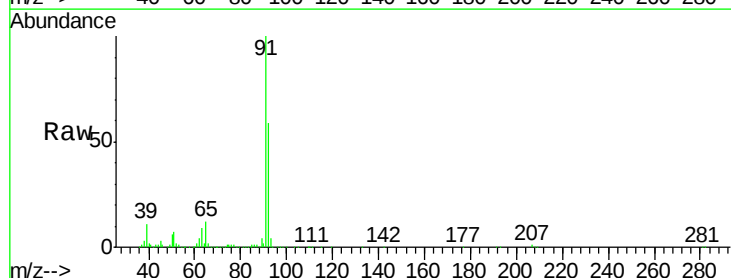
Acq: 28 Jan 2019 11:54

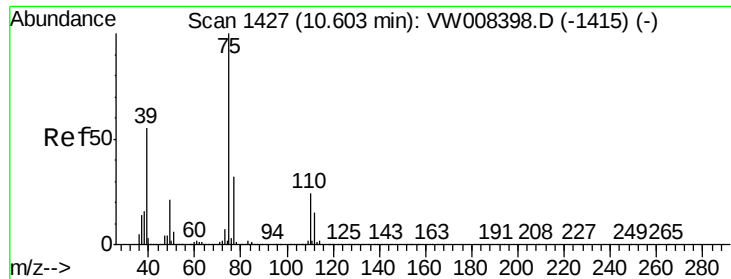
Tgt Ion: 92 Resp: 210777

Ion Ratio Lower Upper

92 100

91 169.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 16.543 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

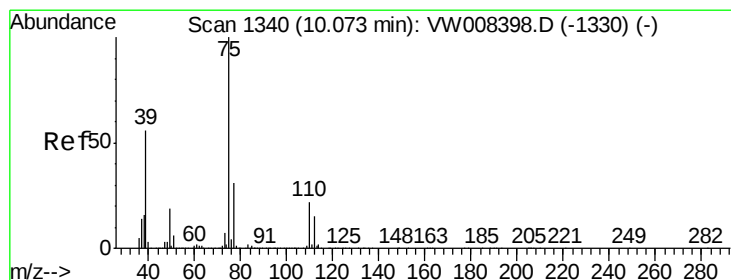
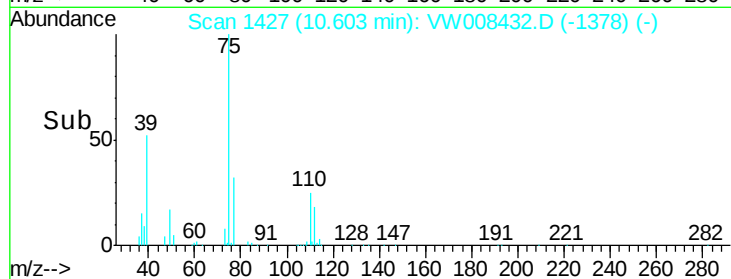
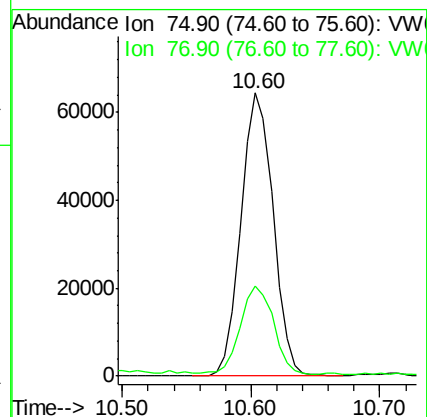
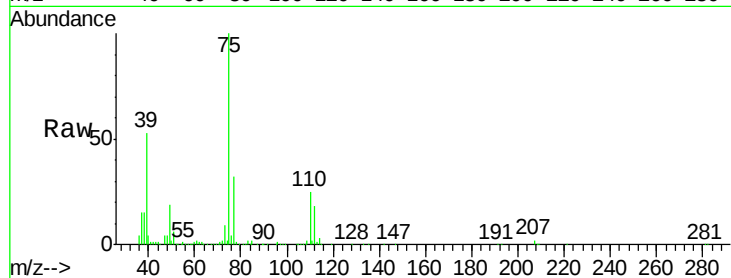
VW0128SBS01

Tgt Ion: 75 Resp: 111452

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 16.774 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

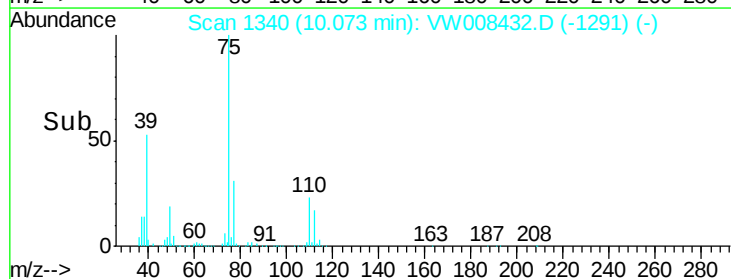
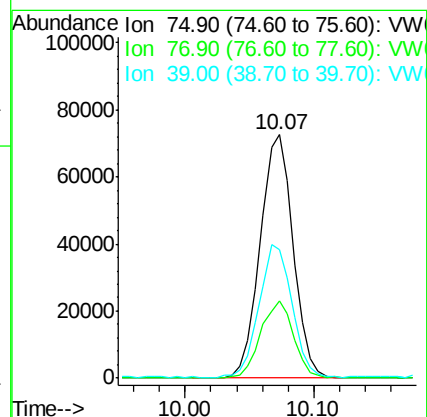
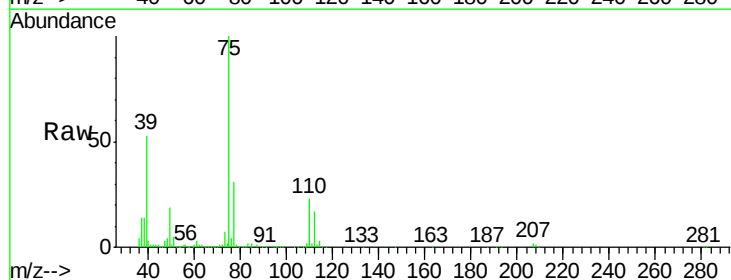
Tgt Ion: 75 Resp: 128245

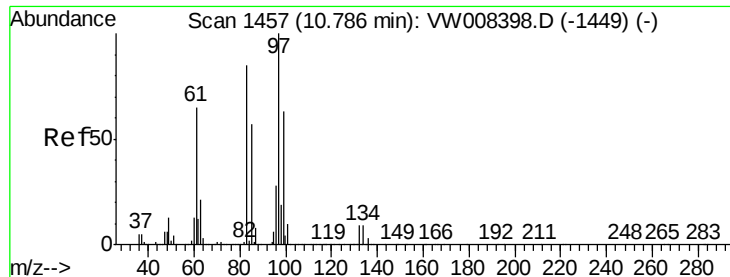
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 52.6 44.9 67.3

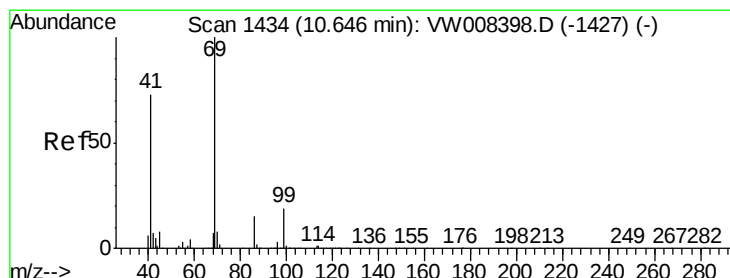
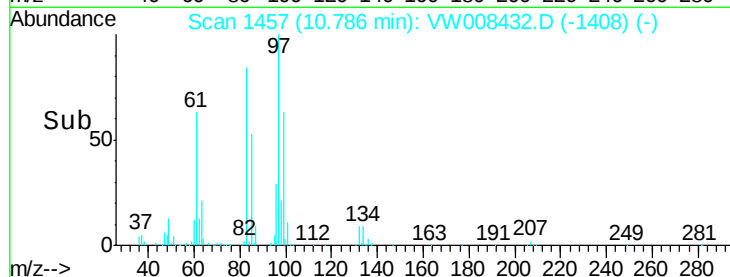
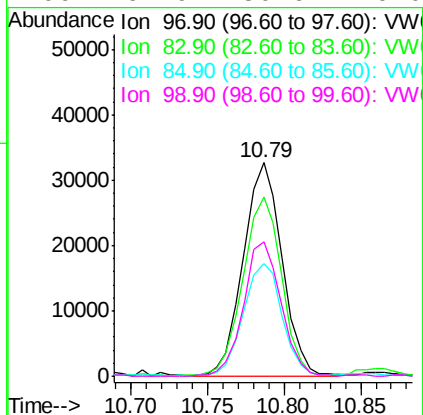
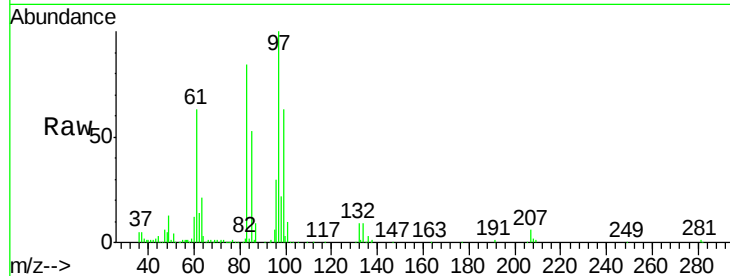




#55
 1,1,2-Trichloroethane
 Concen: 17.236 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

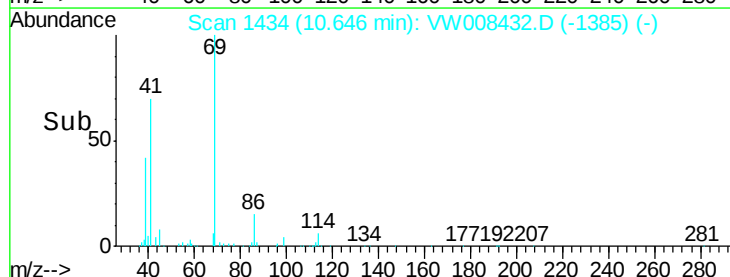
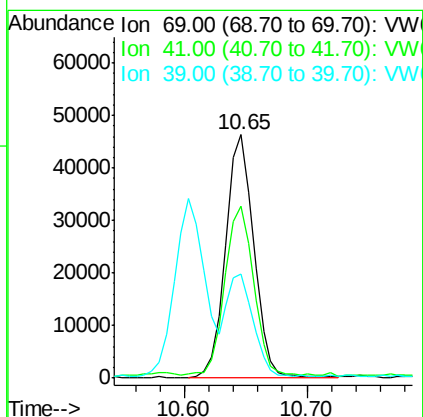
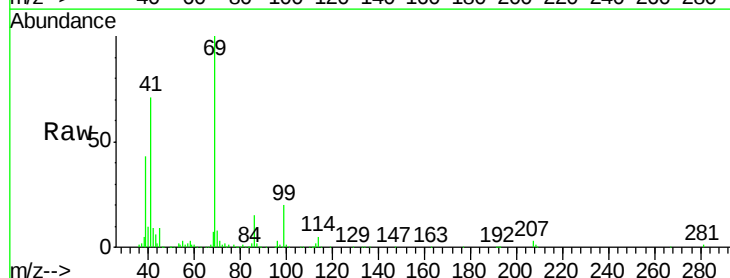
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tgt Ion:	97	Resp:	57226
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.4	102.6
85	52.8	45.3	67.9
99	62.9	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 15.782 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion:	69	Resp:	73425
Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.7	88.1
39	40.5	32.6	48.8

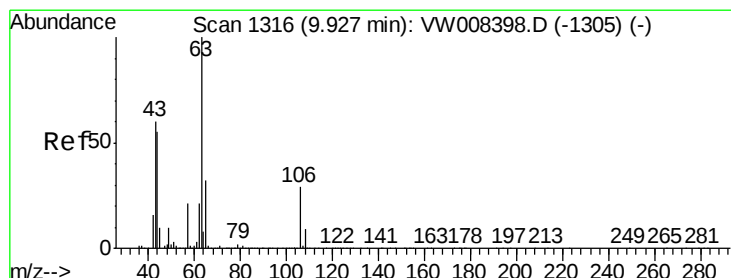
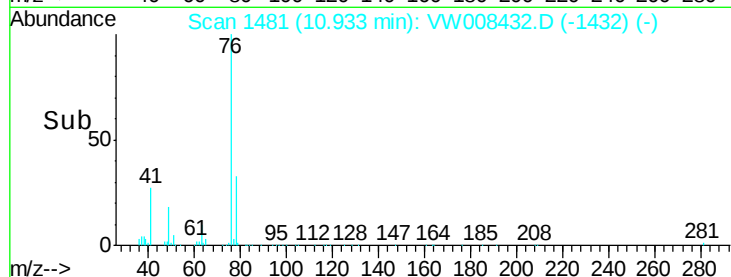
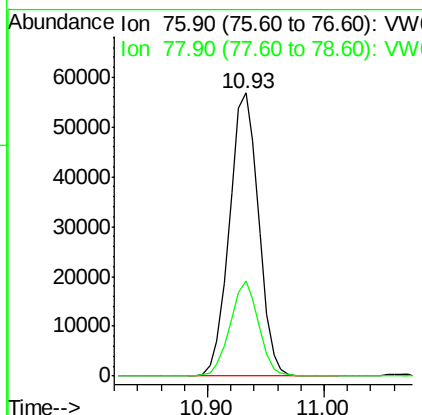
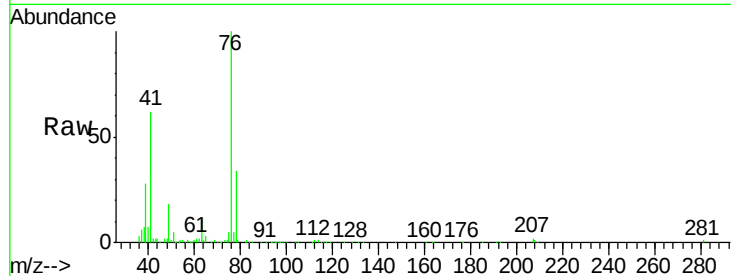




#57
 1,3-Dichloropropane
 Concen: 16.667 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

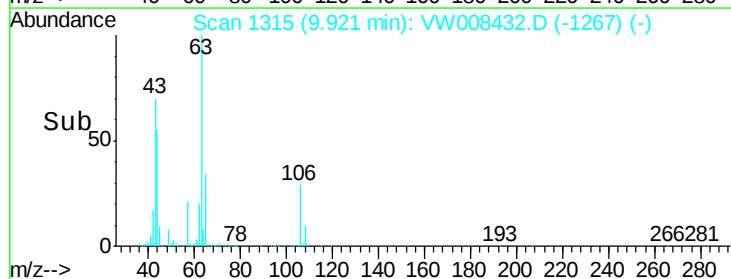
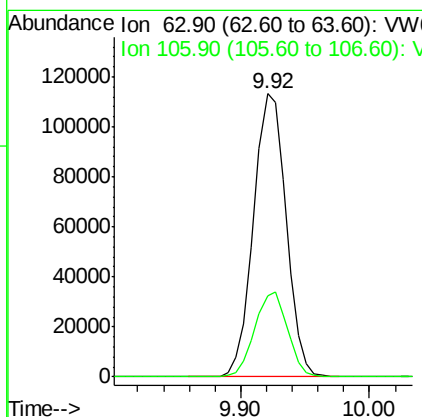
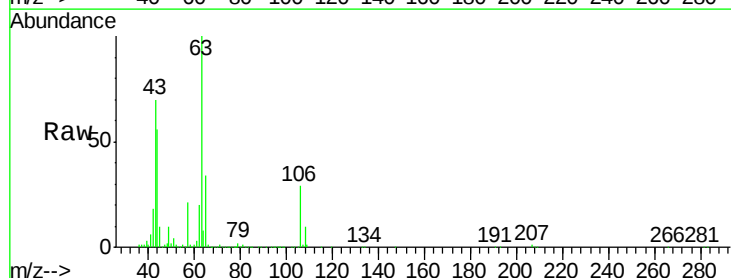
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

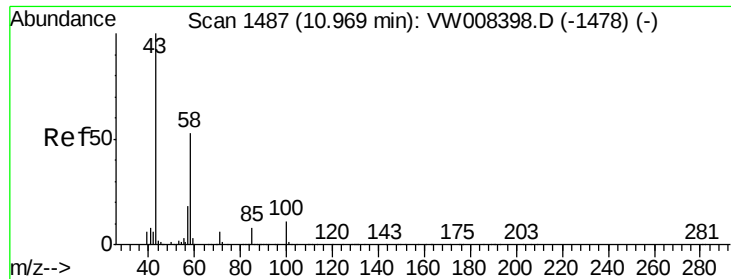
Tgt Ion: 76 Resp: 99136
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.660 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 63 Resp: 198150
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.4 33.6

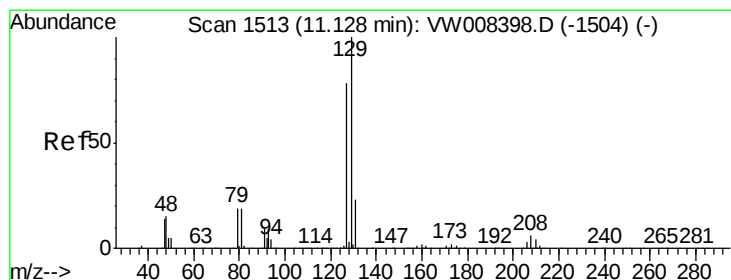
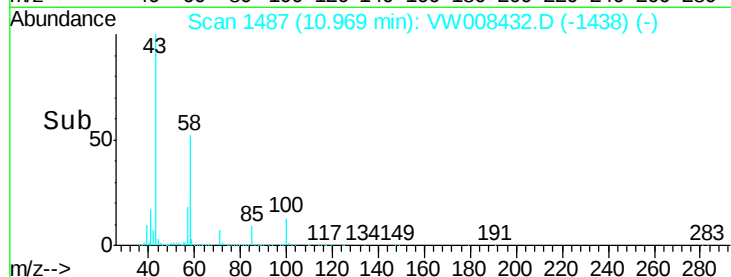
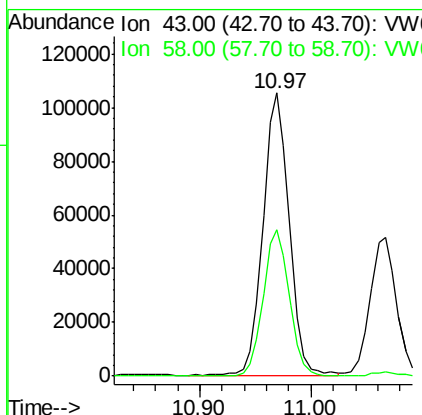
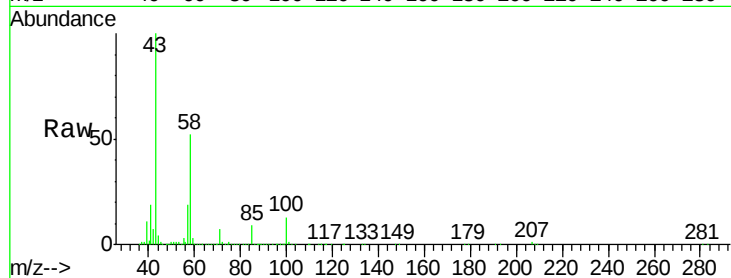




#59
2-Hexanone
Concen: 79.508 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

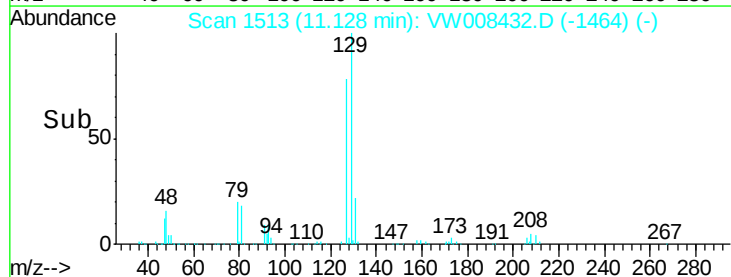
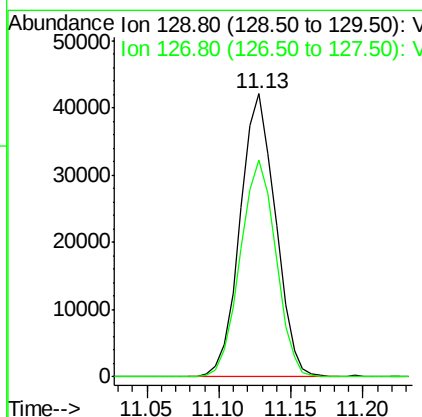
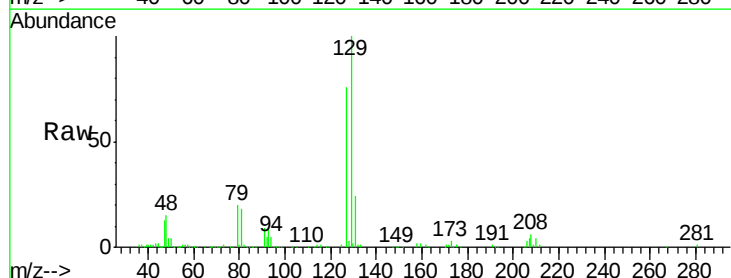
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

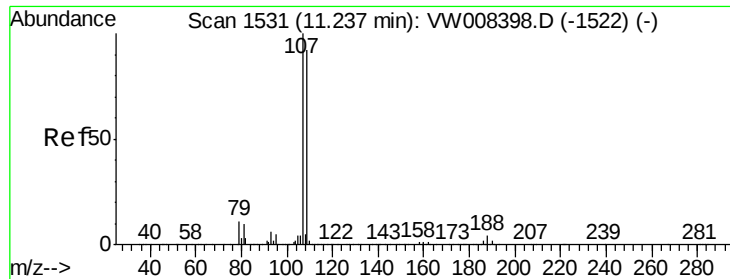
Tgt Ion: 43 Resp: 171447
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.7



#60
Dibromochloromethane
Concen: 16.818 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 129 Resp: 71757
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

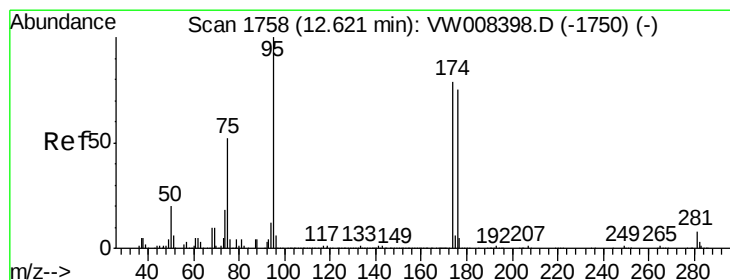
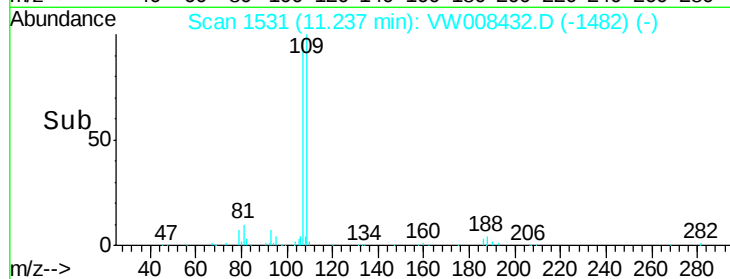
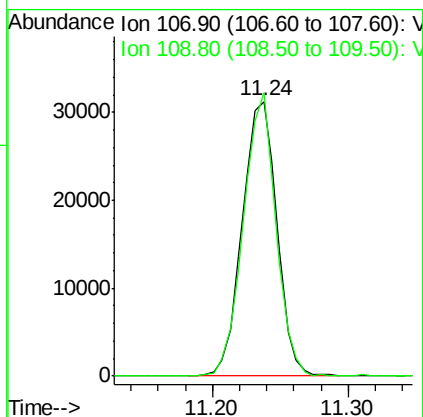
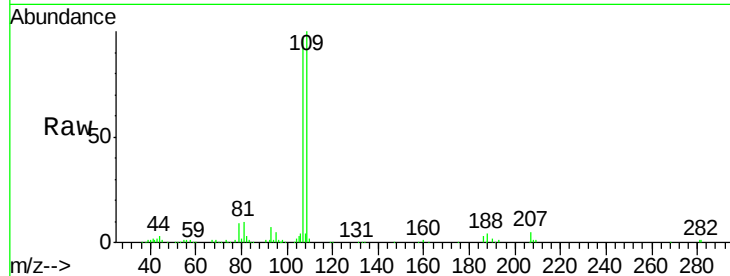




#61
 1,2-Dibromoethane
 Concen: 16.962 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

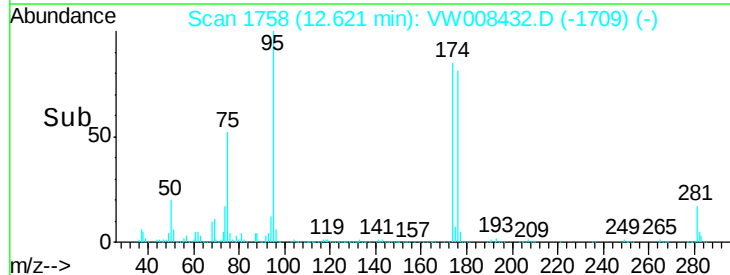
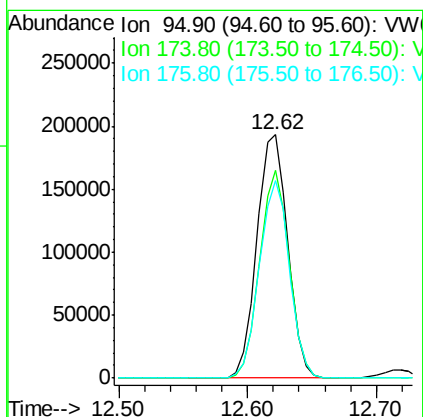
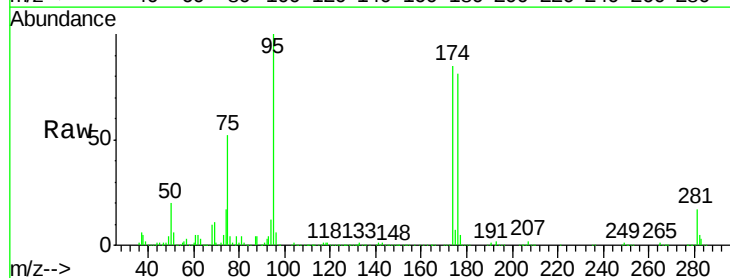
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

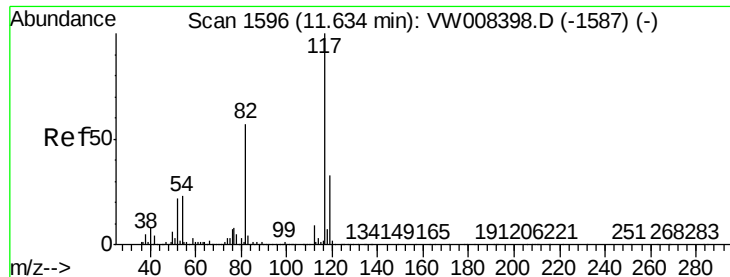
Tgt Ion: 107 Resp: 55840
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.778 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 95 Resp: 319486
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 157.6
 176 79.1 0.0 151.8

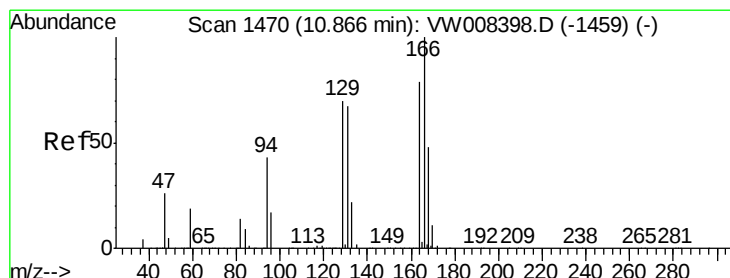
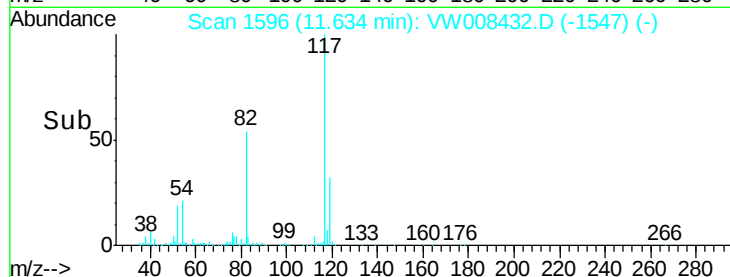
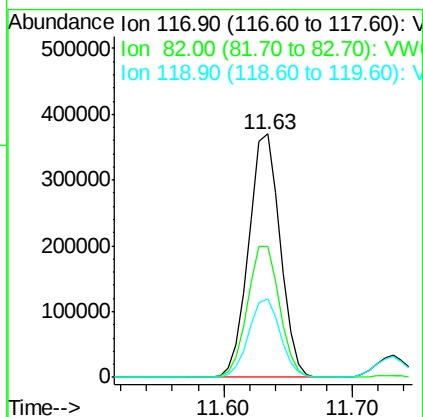
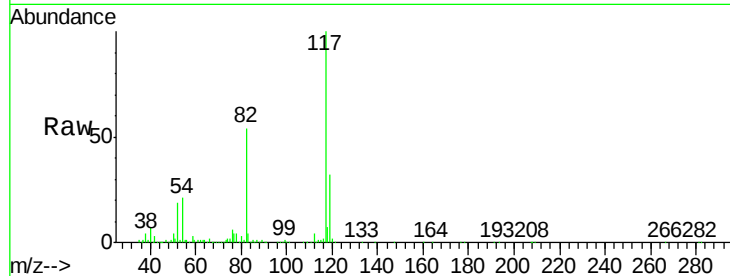




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

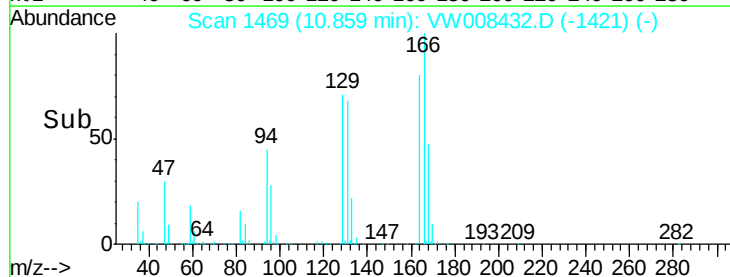
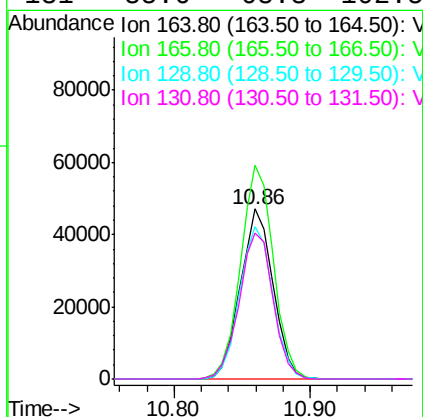
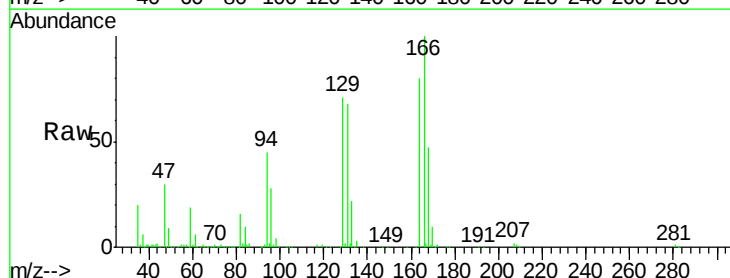
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

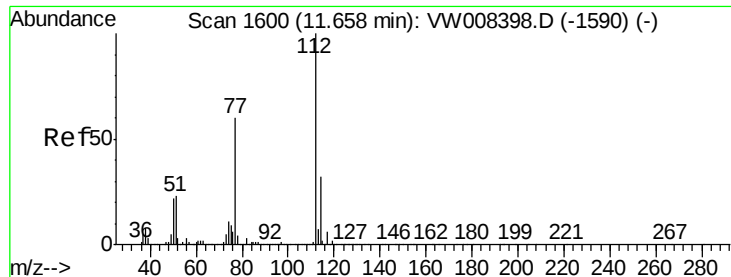
Tgt Ion:117 Resp: 621537
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 18.813 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion:164 Resp: 79169
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 89.7 71.0 106.6
131 85.6 68.3 102.5





#65

Chlorobenzene

Concen: 17.794 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

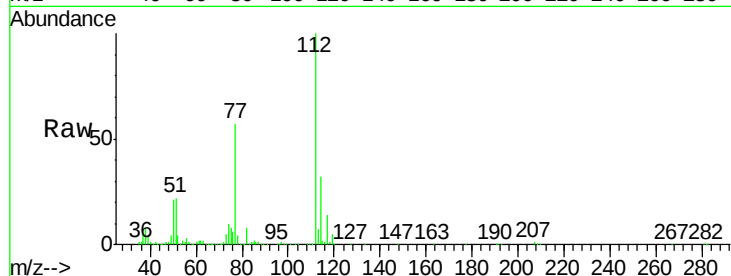
VW0128SBS01

Tgt Ion:112 Resp: 225771

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

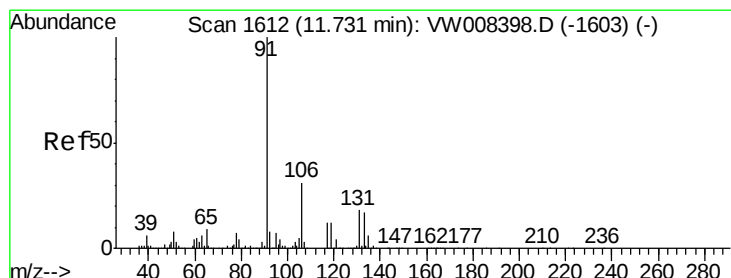
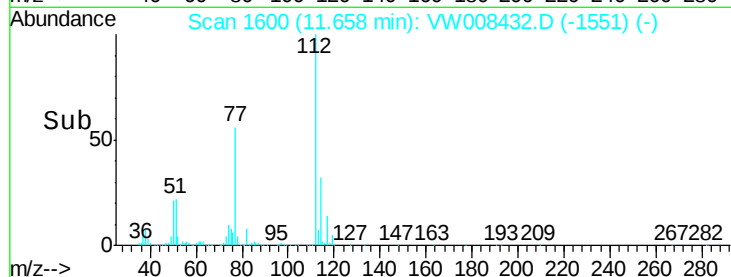
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.798 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

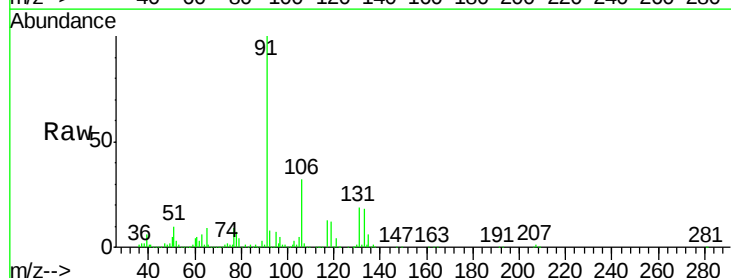
Tgt Ion:131 Resp: 80791

Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.2

119 64.2 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

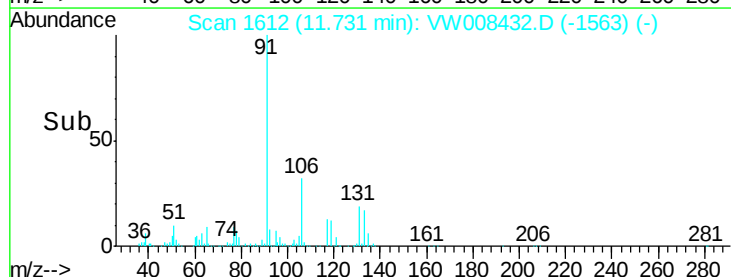
150000

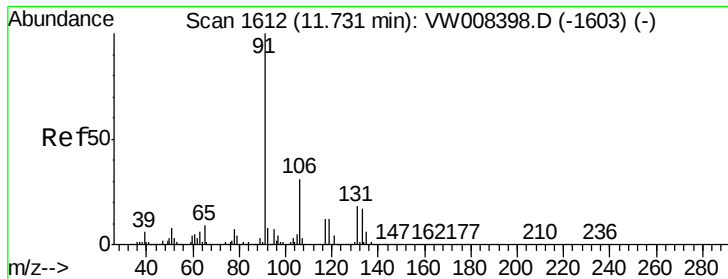
100000

50000

0

Time-->

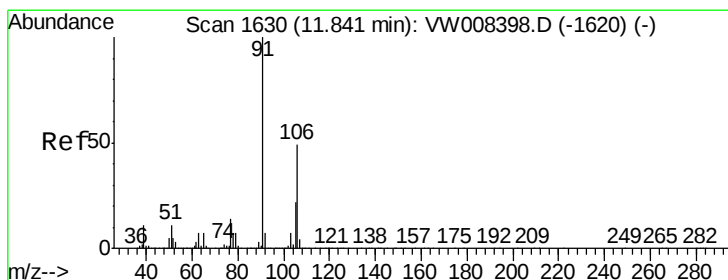
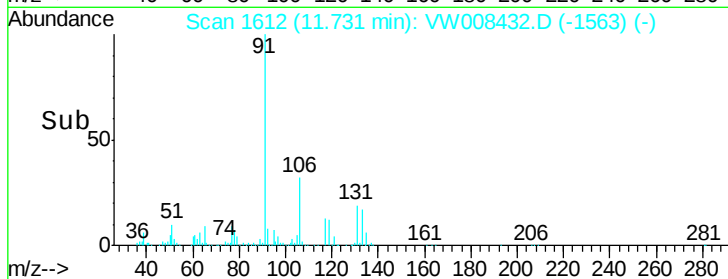
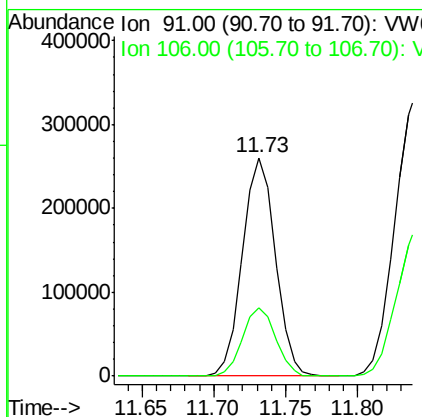
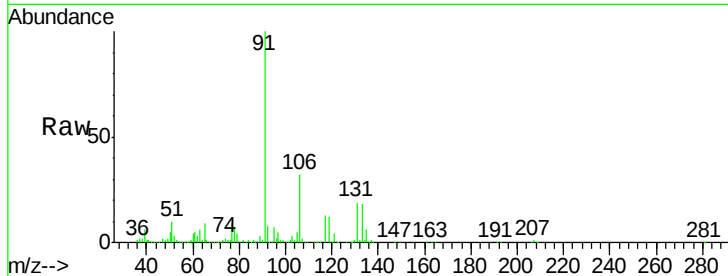




#67
Ethyl Benzene
Concen: 17.646 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

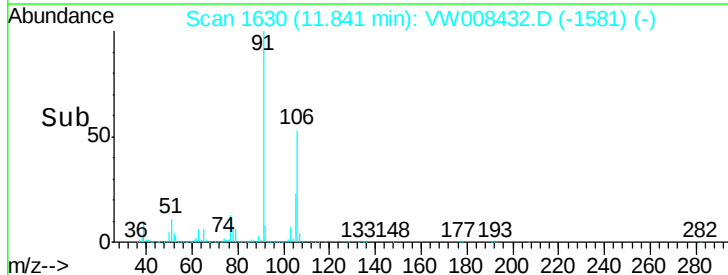
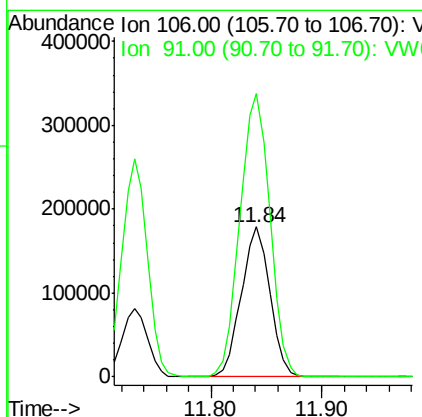
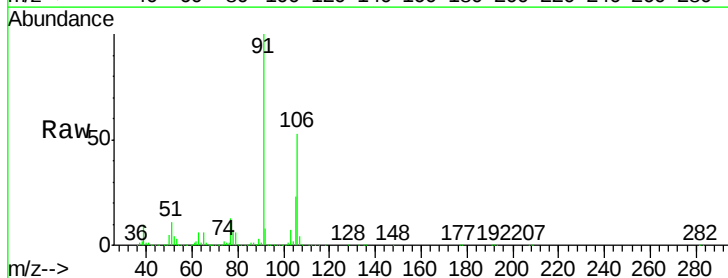
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

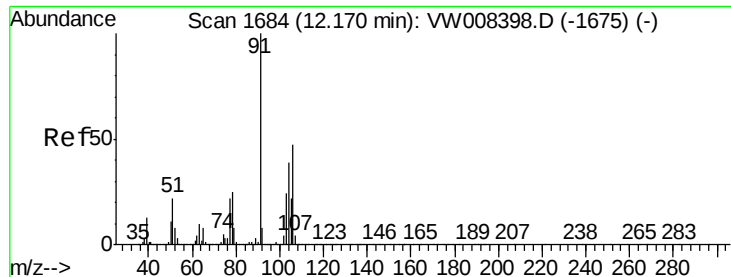
Tgt Ion: 91 Resp: 411549
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1



#68
m/p-Xylenes
Concen: 35.412 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 106 Resp: 320438
Ion Ratio Lower Upper
106 100
91 197.1 162.9 244.3

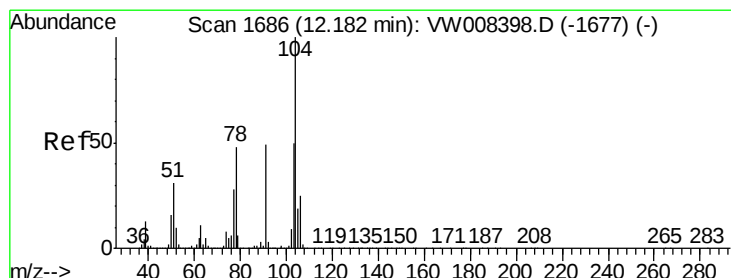
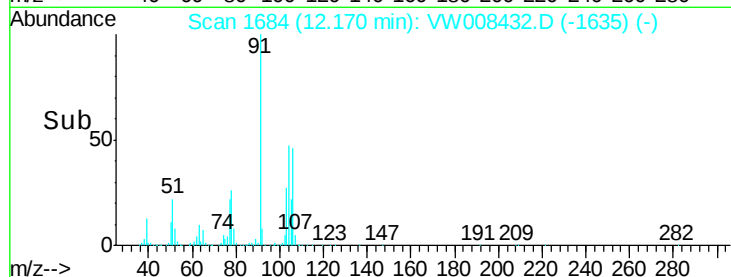
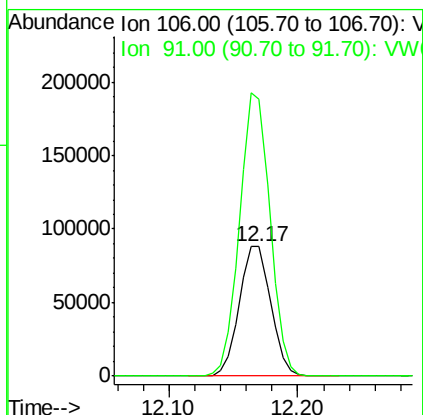
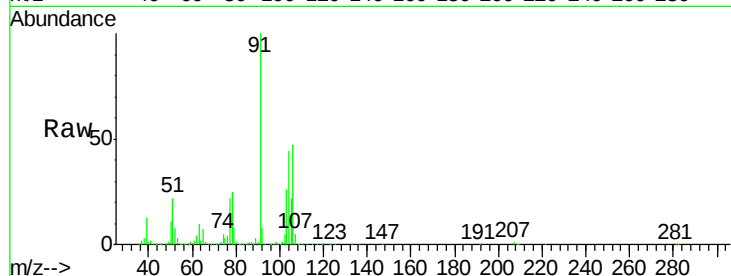




#69
o-Xylene
Concen: 17.342 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

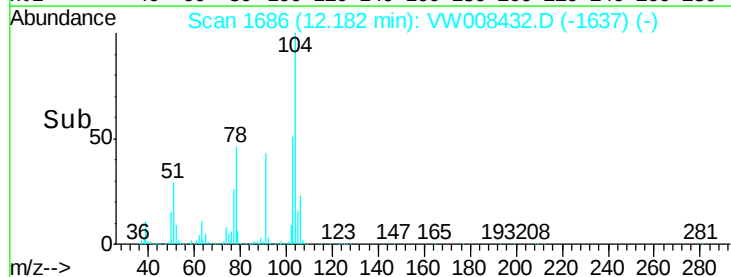
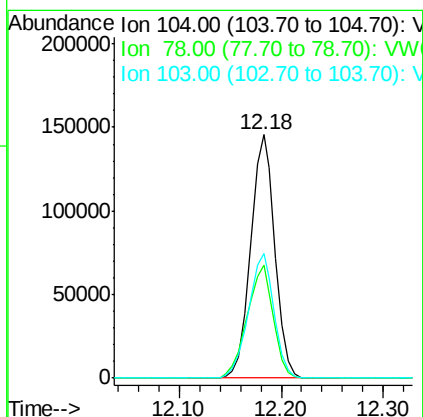
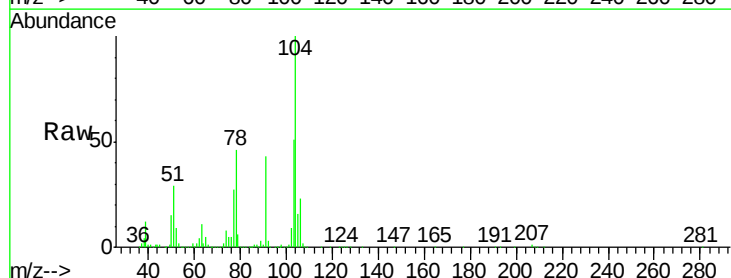
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

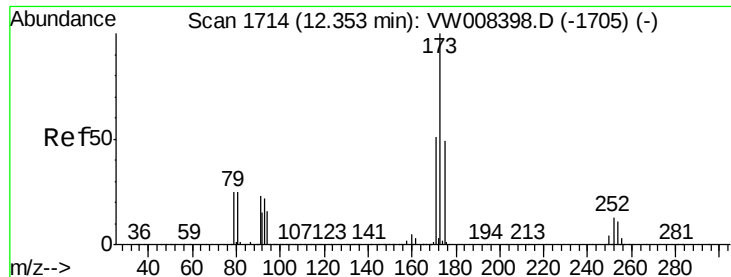
Tgt Ion:106 Resp: 149101
Ion Ratio Lower Upper
106 100
91 210.4 107.5 322.4



#70
Styrene
Concen: 16.939 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion:104 Resp: 240572
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 54.3 43.4 65.0





#71

Bromoform

Concen: 17.009 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

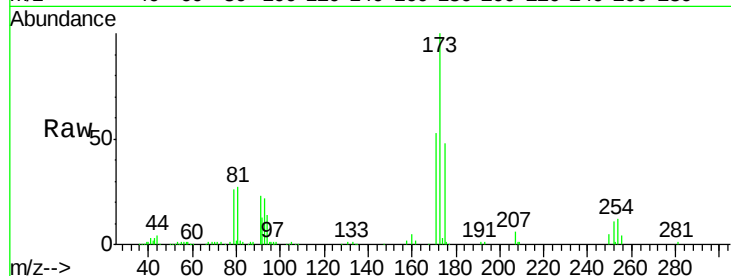
Tgt Ion:173 Resp: 43443

Ion Ratio Lower Upper

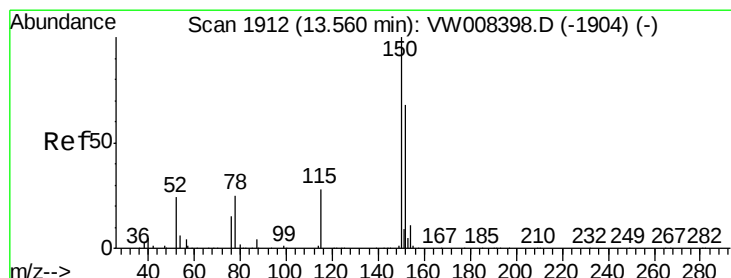
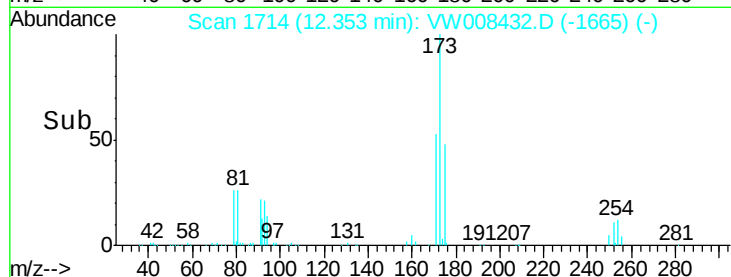
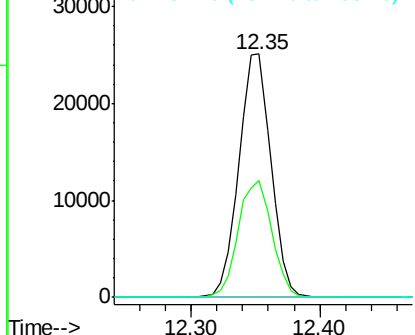
173 100

175 49.9 24.4 73.4

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

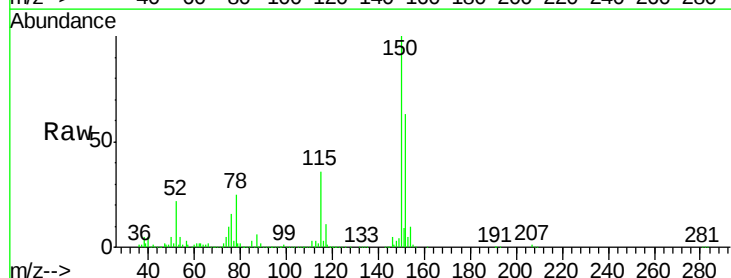
Tgt Ion:152 Resp: 318714

Ion Ratio Lower Upper

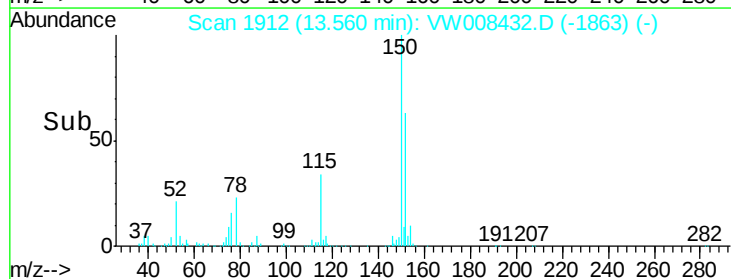
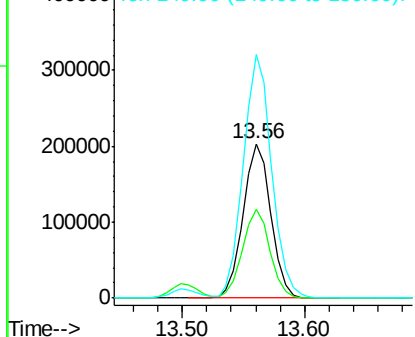
152 100

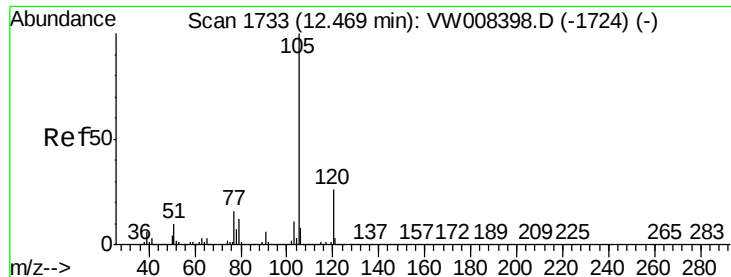
115 57.1 29.9 89.7

150 162.3 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.697 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

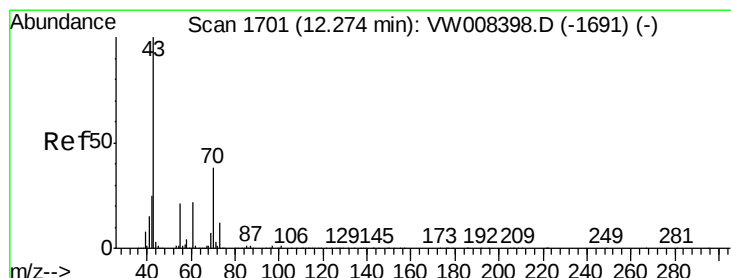
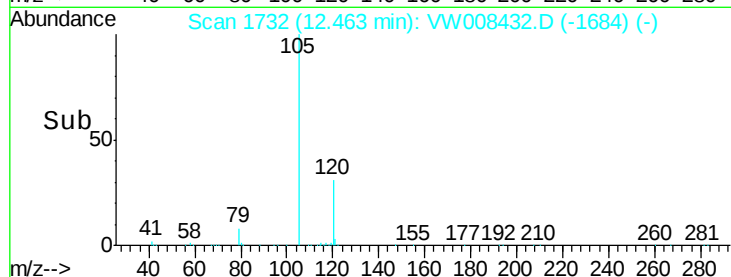
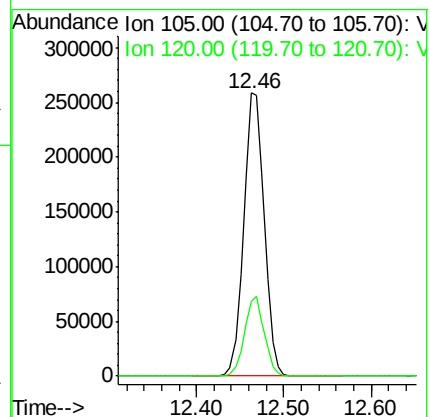
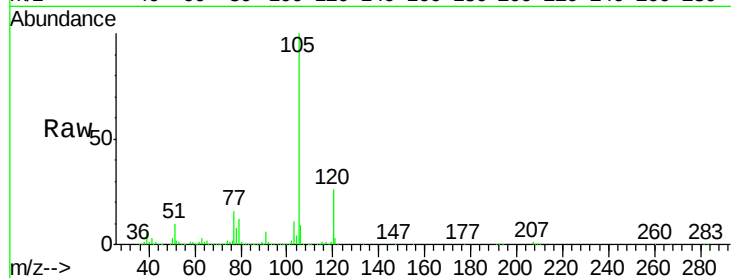
VW0128SBS01

Tgt Ion:105 Resp: 420486

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 15.491 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion: 43 Resp: 94821

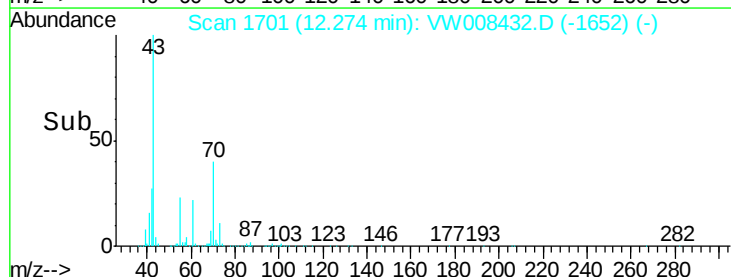
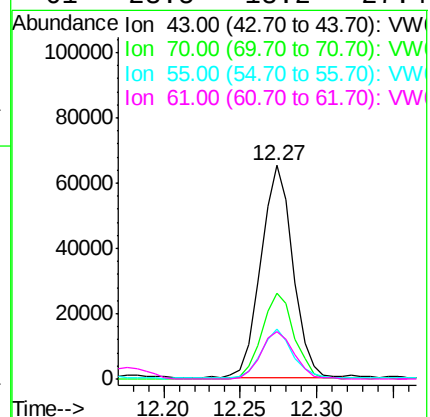
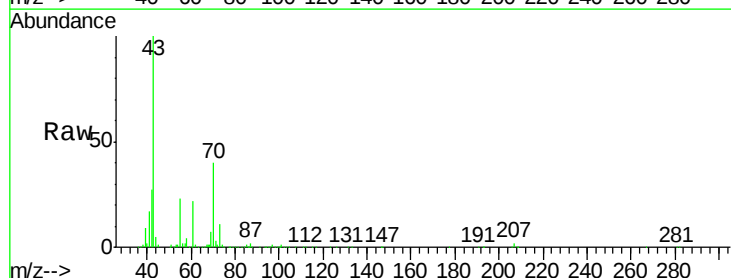
Ion Ratio Lower Upper

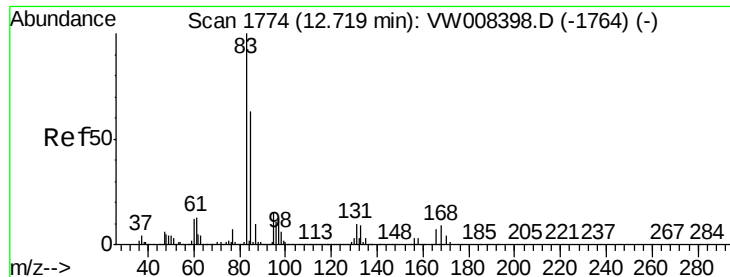
43 100

70 40.6 31.0 46.6

55 22.0 17.4 26.2

61 23.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.736 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

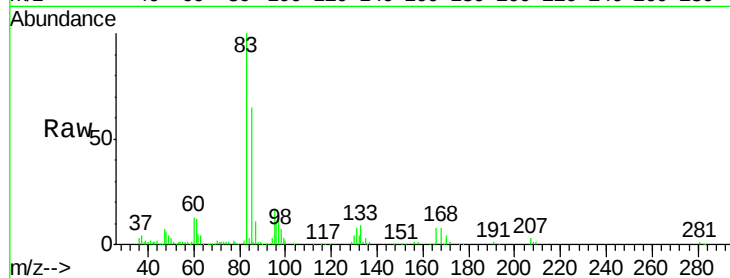
Tgt Ion: 83 Resp: 62959

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

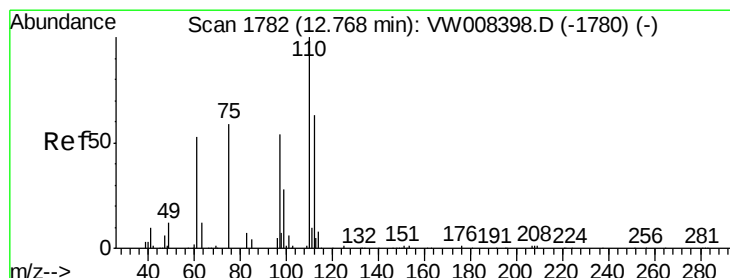
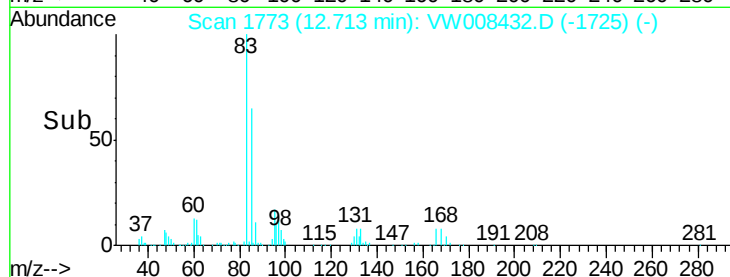
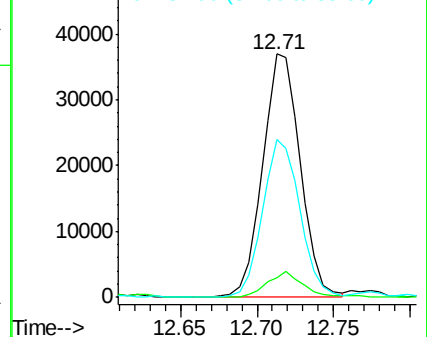
85 64.2 31.9 95.5



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: 32.731 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008432.D

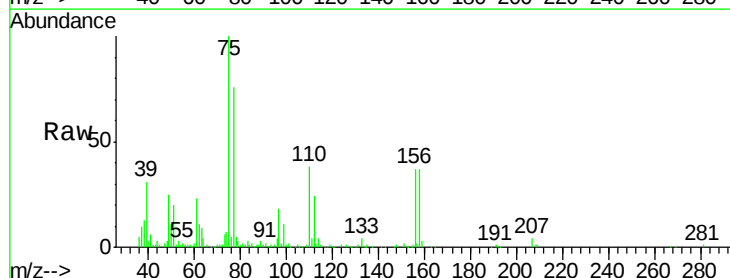
Acq: 28 Jan 2019 11:54

Tgt Ion: 75 Resp: 90698

Ion Ratio Lower Upper

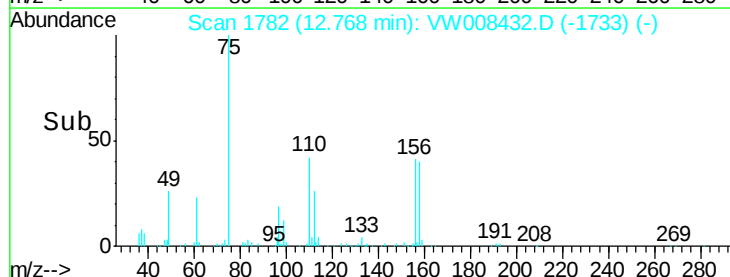
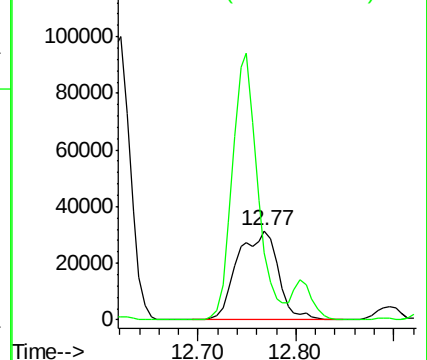
75 100

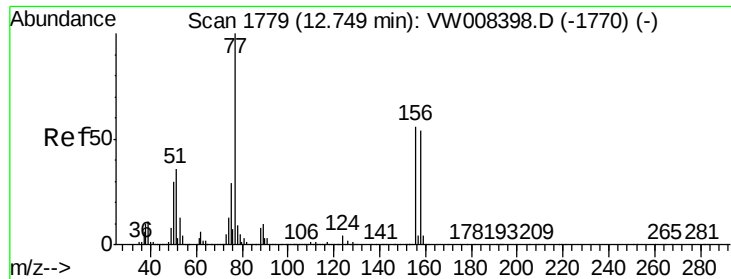
77 185.8 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

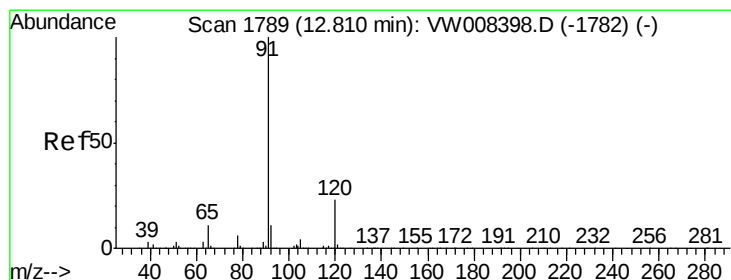
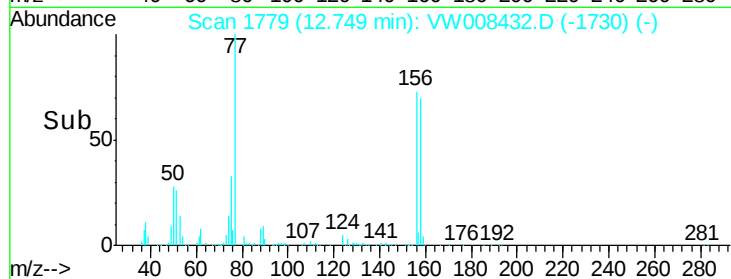
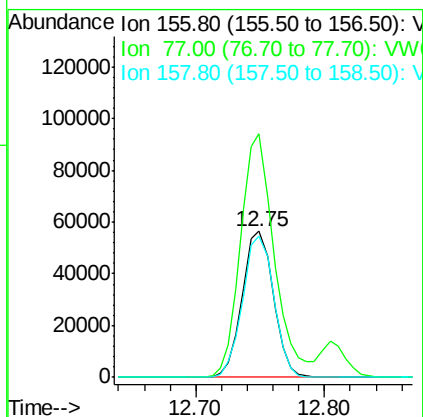
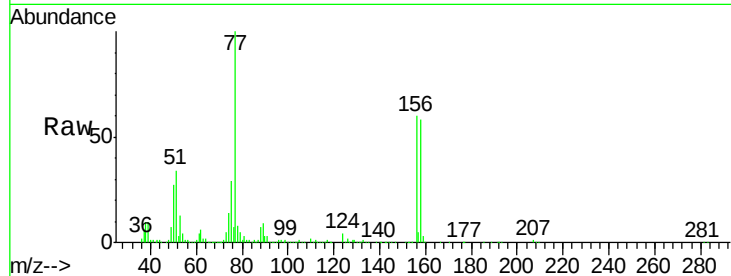




#77
Bromobenzene
Concen: 18.239 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

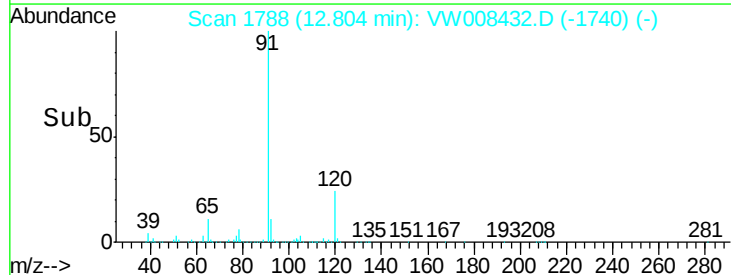
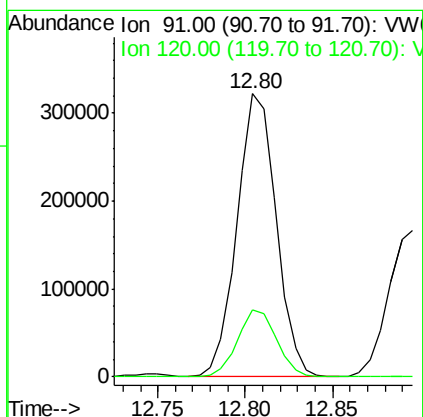
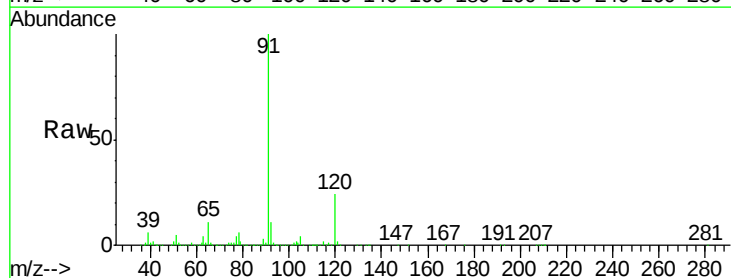
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

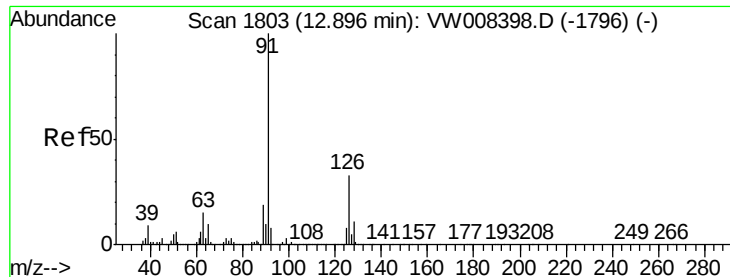
Tgt Ion:156 Resp: 94647
Ion Ratio Lower Upper
156 100
77 178.1 96.9 290.7
158 96.4 48.8 146.4



#78
n-propylbenzene
Concen: 17.503 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 91 Resp: 499503
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.1





#79

2-Chlorotoluene

Concen: 17.051 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

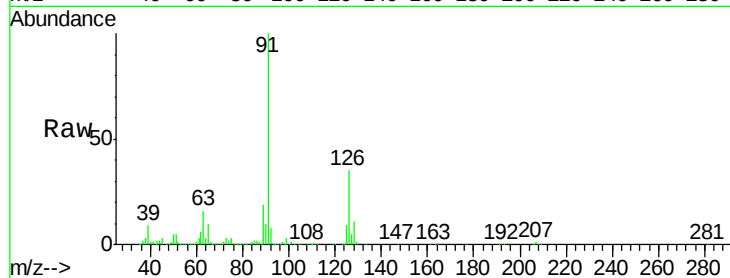
VW0128SBS01

Tgt Ion: 91 Resp: 274588

Ion Ratio Lower Upper

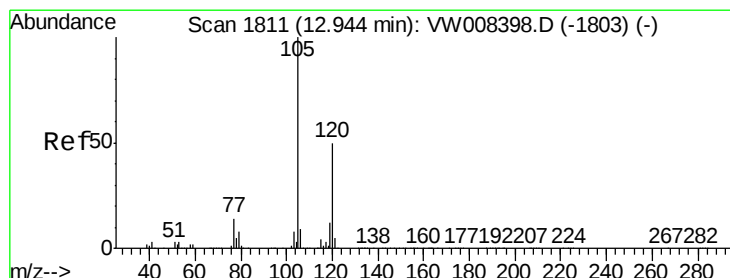
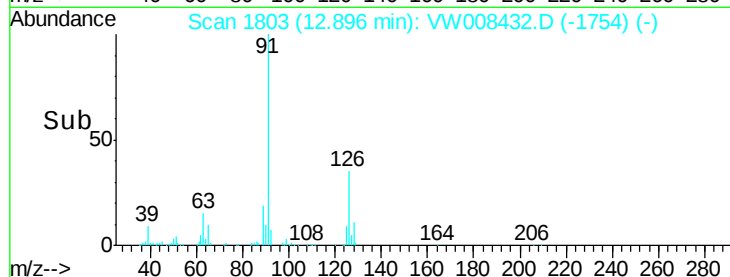
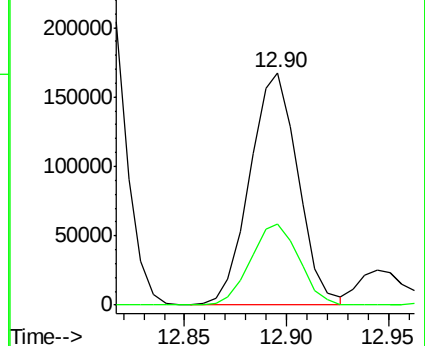
91 100

126 35.3 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.351 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008432.D

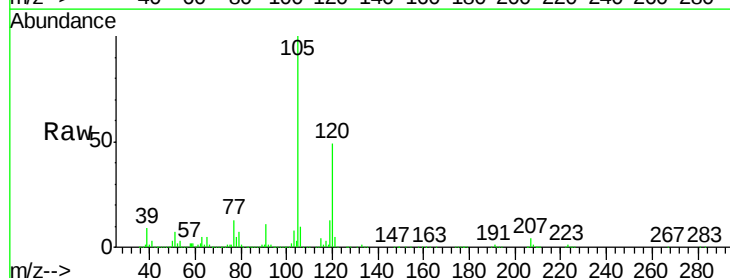
Acq: 28 Jan 2019 11:54

Tgt Ion: 105 Resp: 344585

Ion Ratio Lower Upper

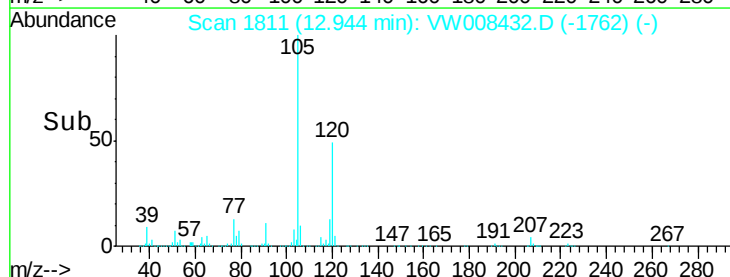
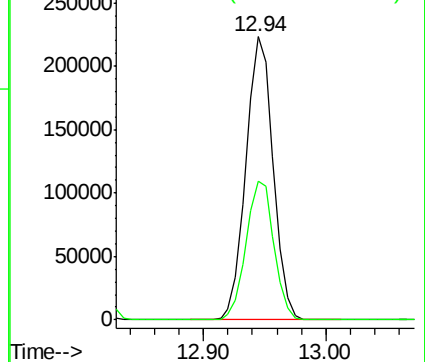
105 100

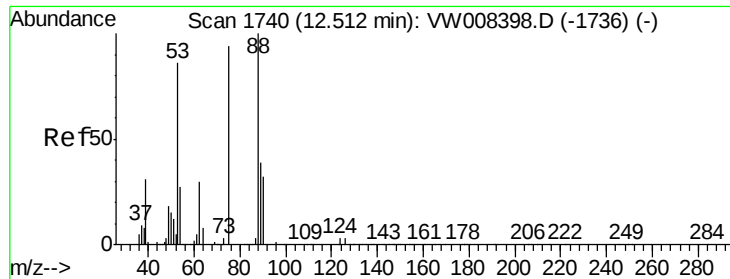
120 50.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.987 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

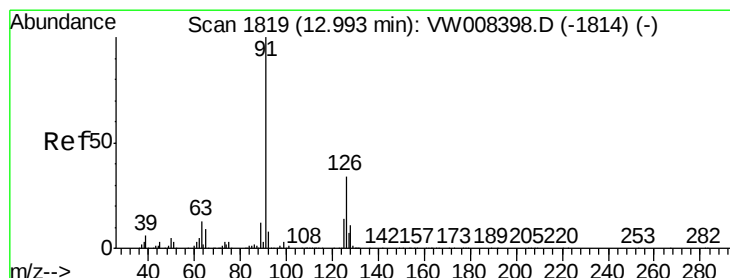
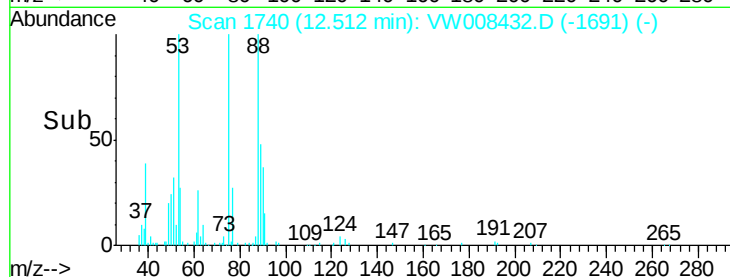
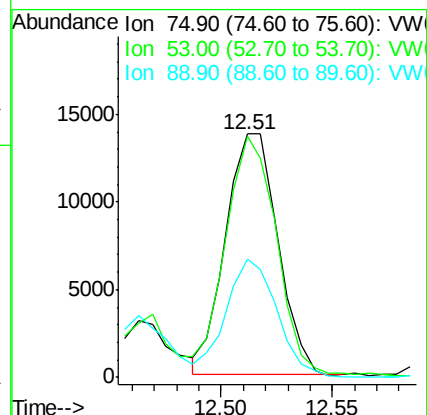
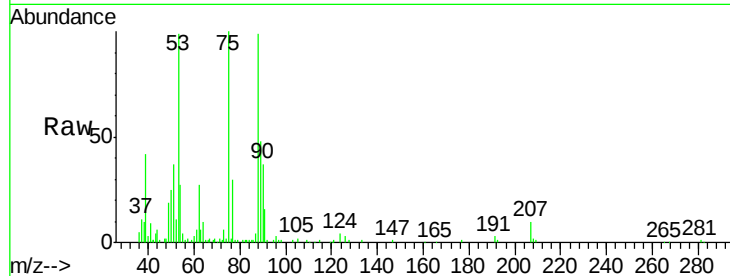
Tgt Ion: 75 Resp: 22429

Ion Ratio Lower Upper

75 100

53 97.6 76.0 114.0

89 48.3 35.4 53.0



#82

4-Chlorotoluene

Concen: 16.586 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008432.D

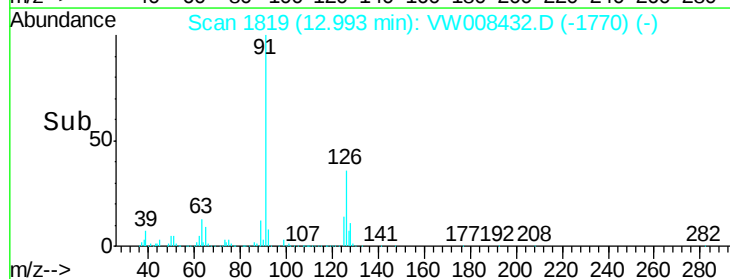
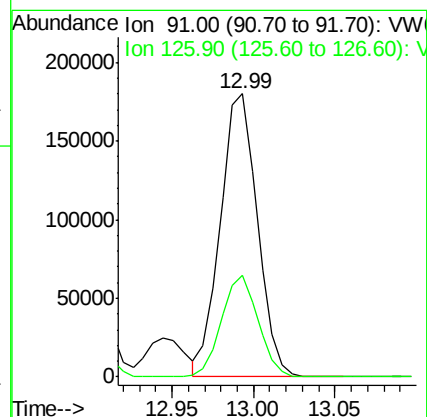
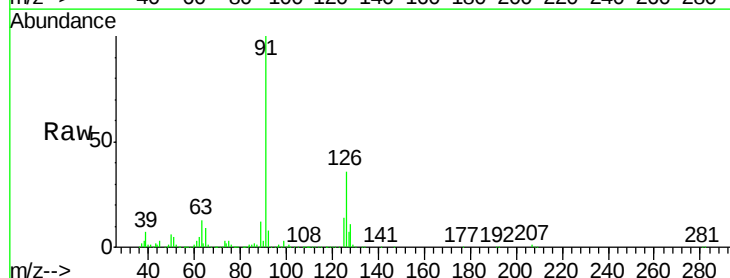
Acq: 28 Jan 2019 11:54

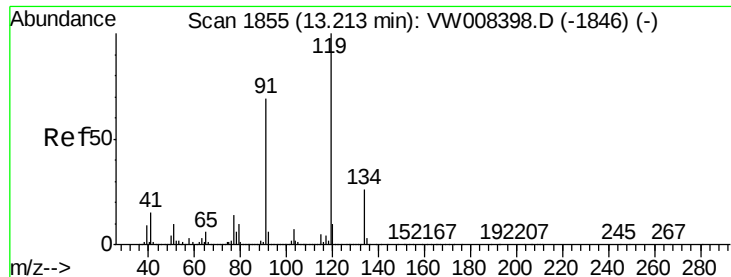
Tgt Ion: 91 Resp: 284368

Ion Ratio Lower Upper

91 100

126 35.4 16.4 49.2





#83

tert-Butylbenzene

Concen: 17.980 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

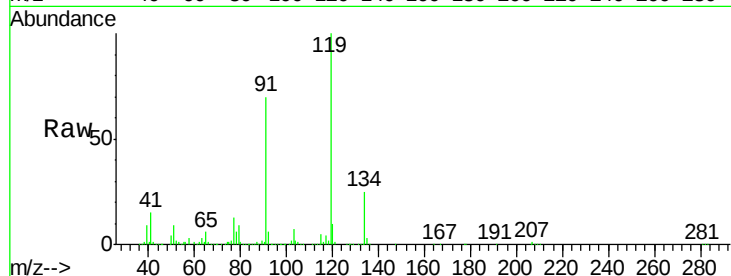
Tgt Ion:119 Resp: 317761

Ion Ratio Lower Upper

119 100

91 65.0 33.8 101.4

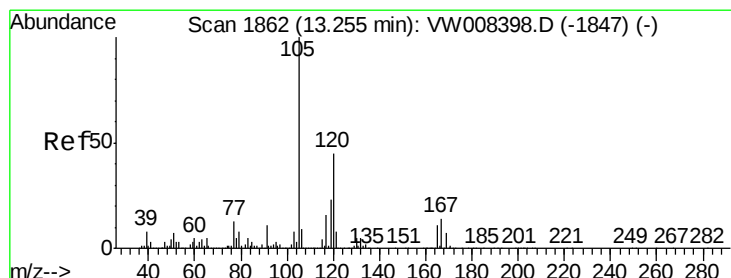
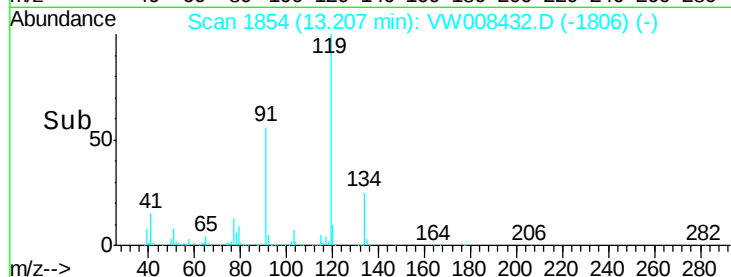
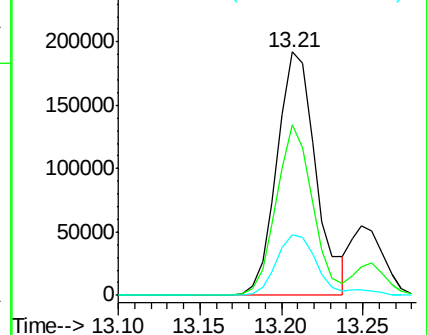
134 26.7 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.358 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008432.D

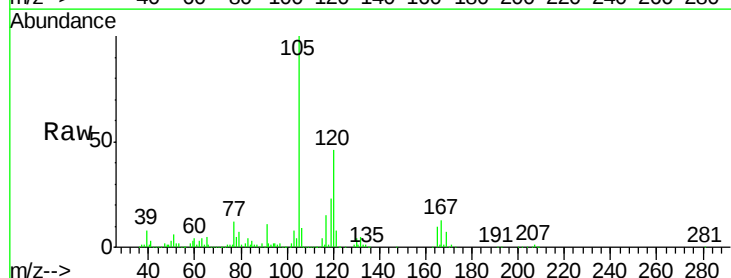
Acq: 28 Jan 2019 11:54

Tgt Ion:105 Resp: 350400

Ion Ratio Lower Upper

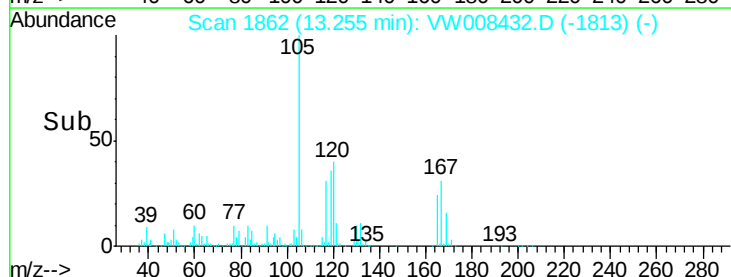
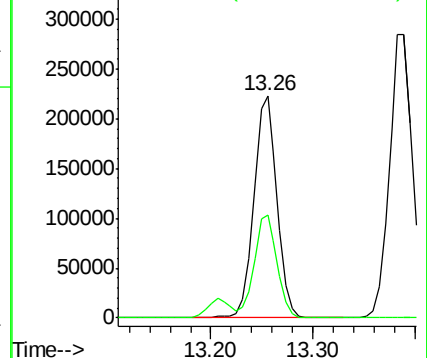
105 100

120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

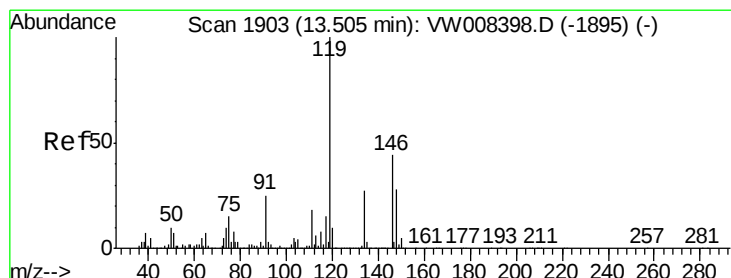
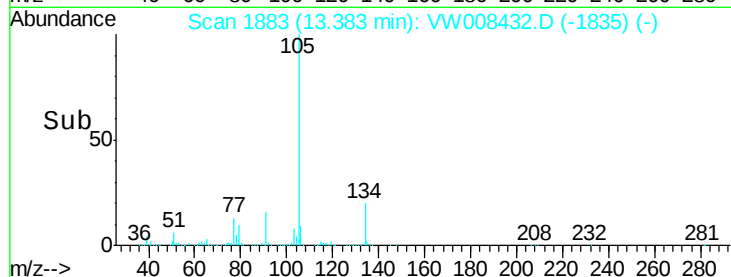
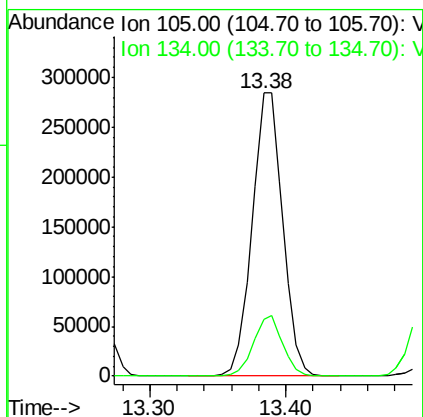
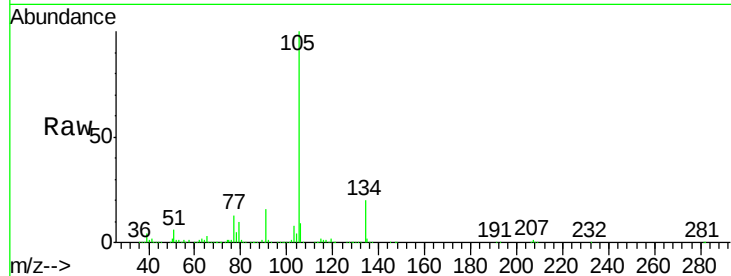




#85
 sec-Butylbenzene
 Concen: 17.711 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

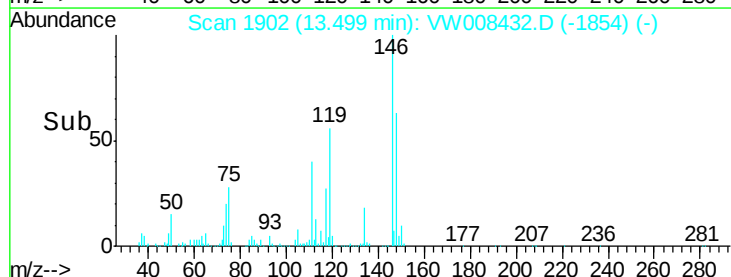
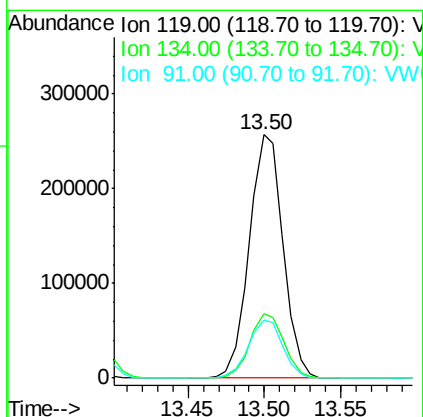
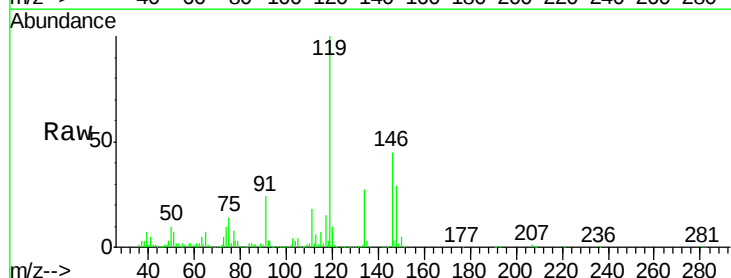
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

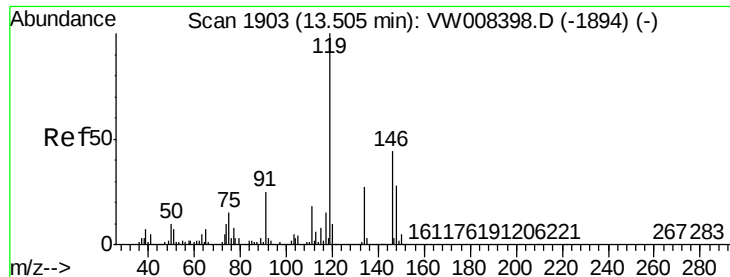
Tgt Ion:105 Resp: 447010
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 17.762 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion:119 Resp: 392696
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 24.1 12.6 37.6

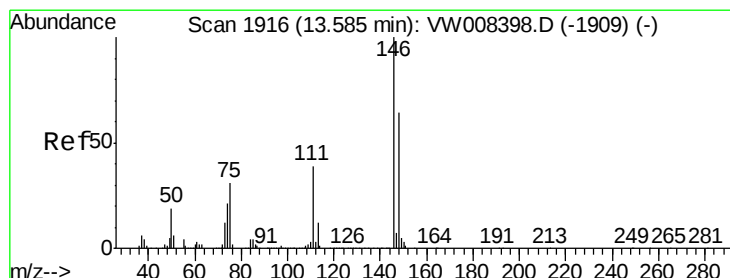
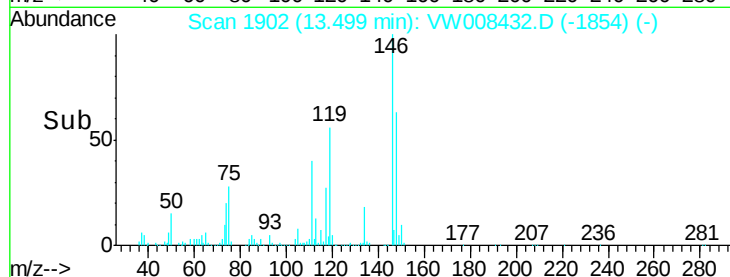
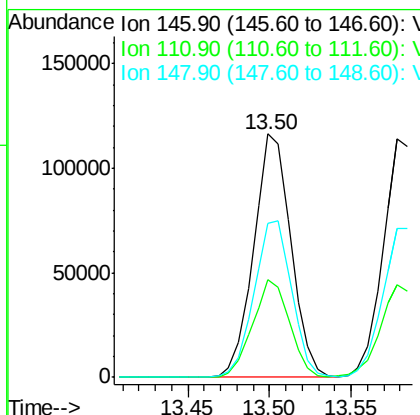
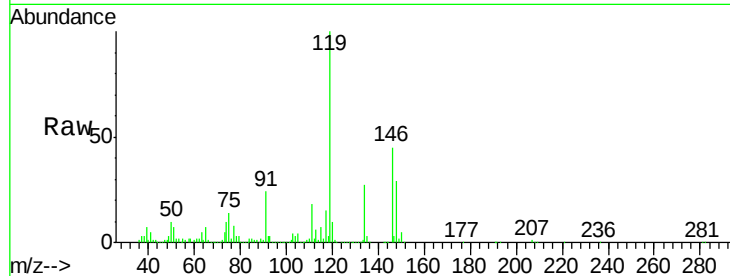




#87
 1,3-Dichlorobenzene
 Concen: 17.681 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

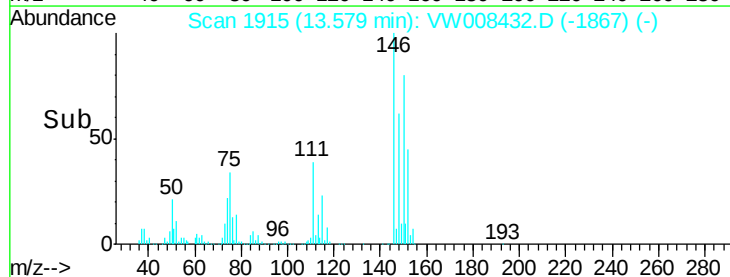
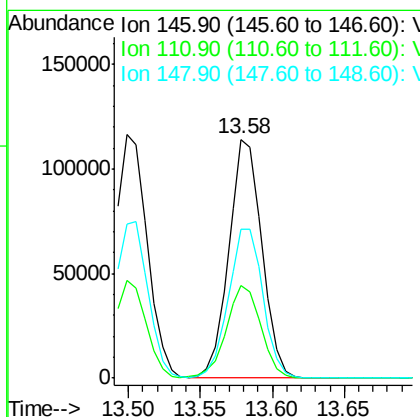
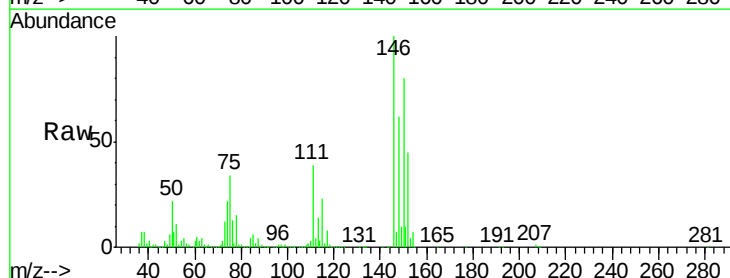
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

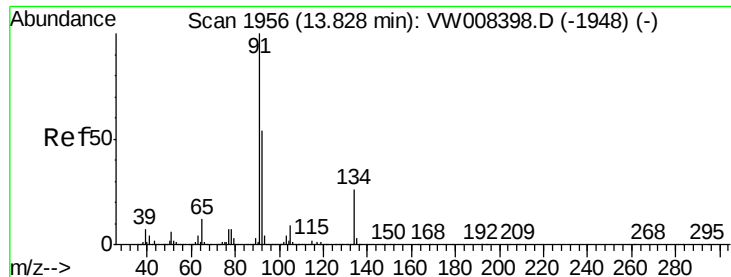
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	64.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 17.592 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	65.3	32.0	96.2





#89

n-Butylbenzene

Concen: 17.255 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

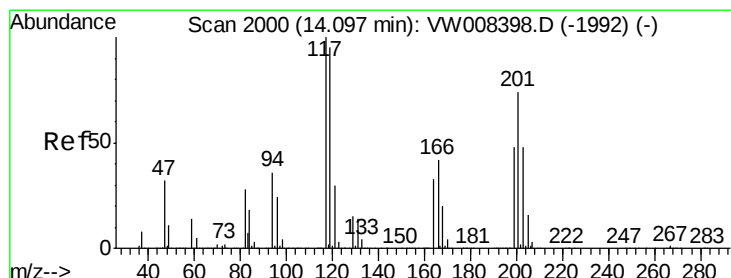
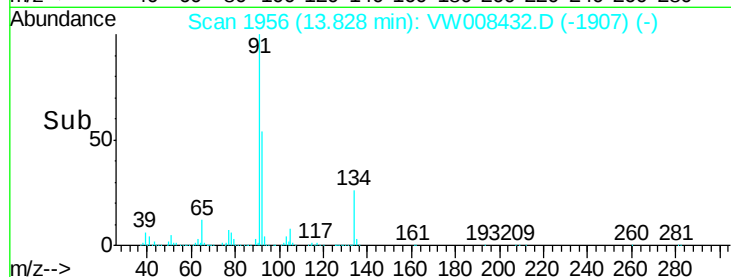
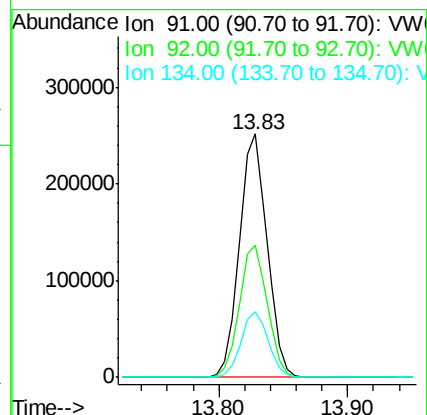
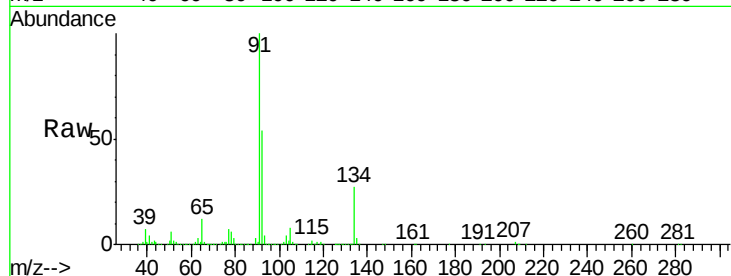
Tgt Ion: 91 Resp: 374572

Ion Ratio Lower Upper

91 100

92 54.8 27.4 82.2

134 26.6 13.0 39.0



#90

Hexachloroethane

Concen: 17.767 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008432.D

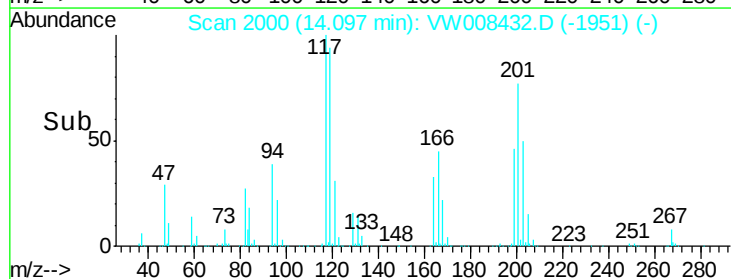
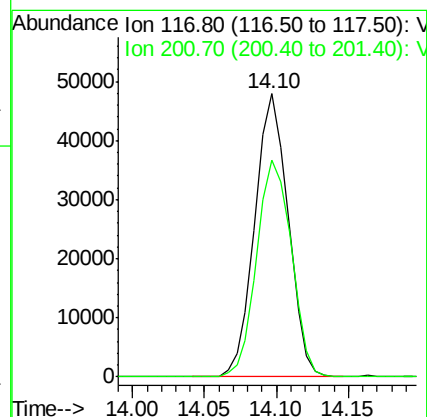
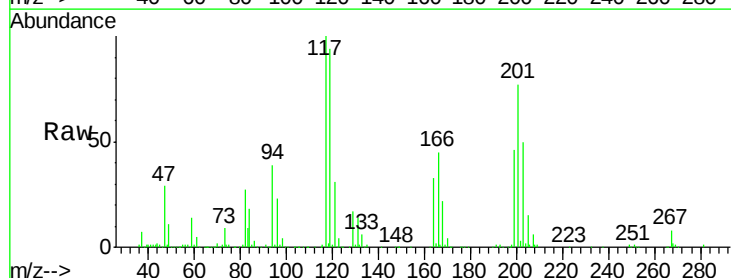
Acq: 28 Jan 2019 11:54

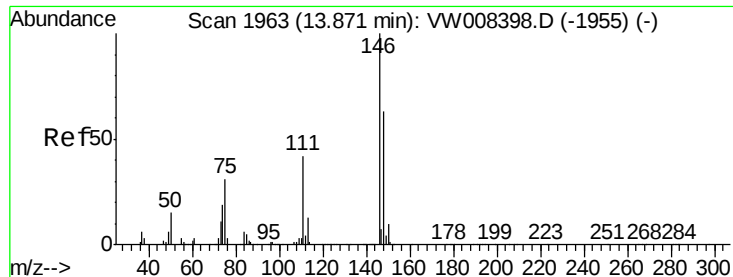
Tgt Ion: 117 Resp: 76817

Ion Ratio Lower Upper

117 100

201 79.7 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 17.712 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

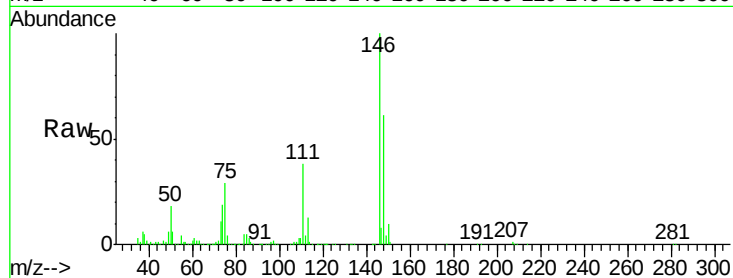
Tgt Ion:146 Resp: 164244

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.3

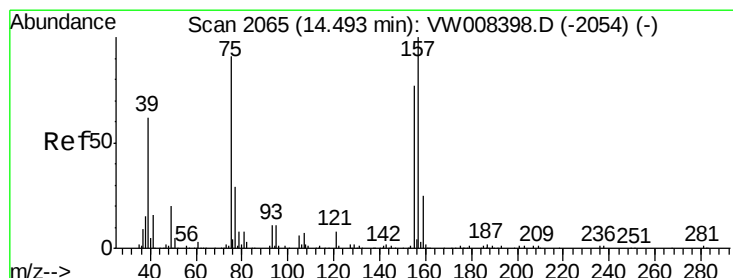
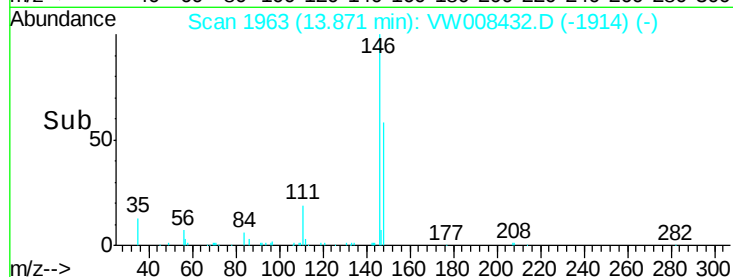
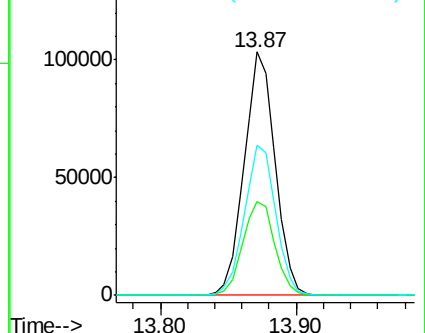
148 62.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.522 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

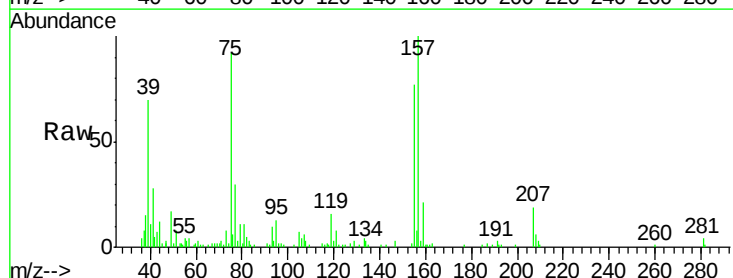
Tgt Ion: 75 Resp: 11793

Ion Ratio Lower Upper

75 100

155 84.4 42.7 128.1

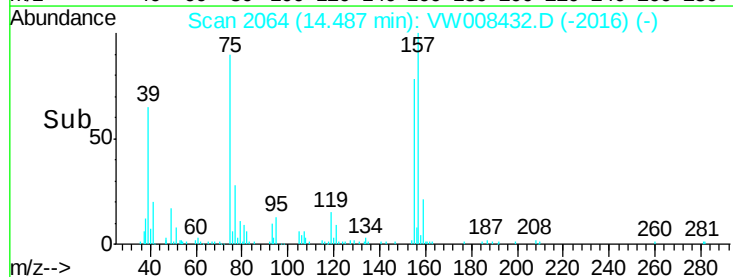
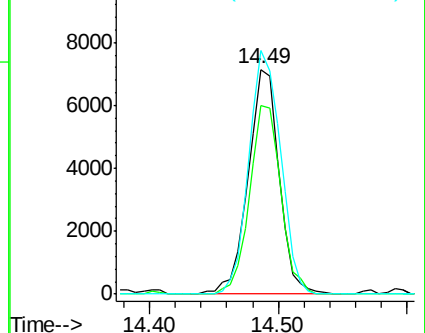
157 111.2 55.5 166.3

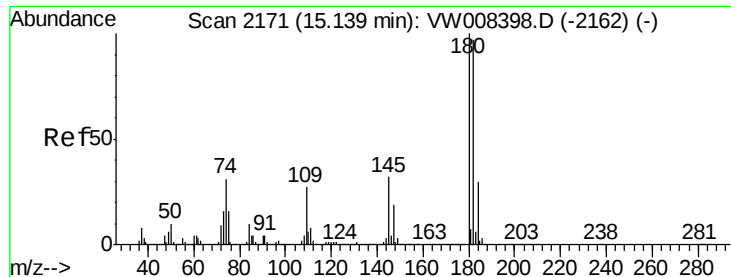


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

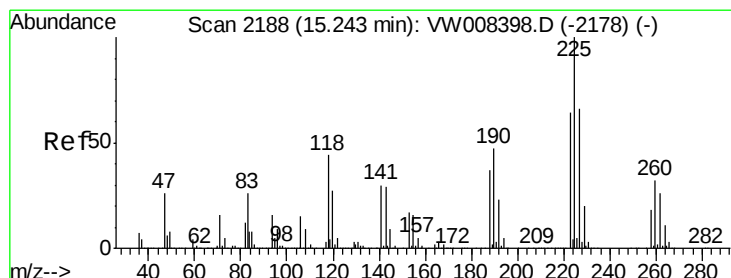
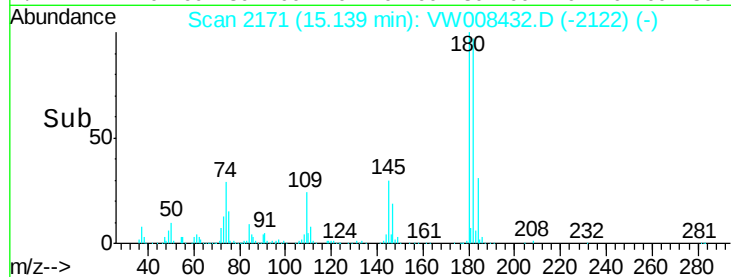
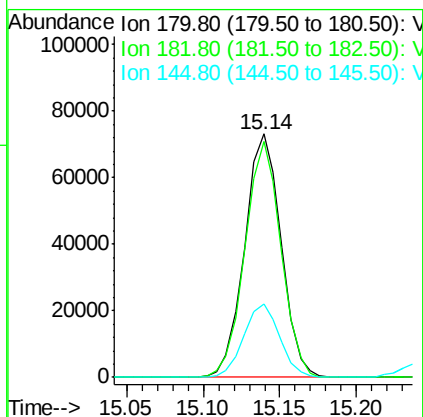
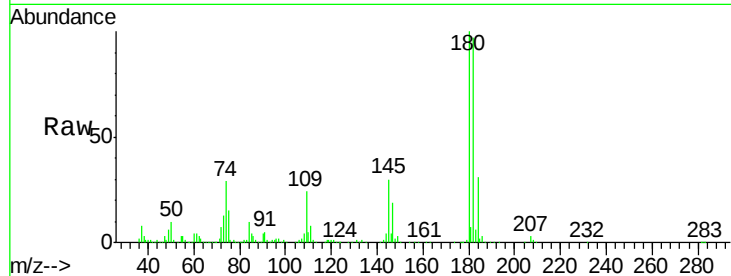




#93
 1,2,4-Trichlorobenzene
 Concen: 18.343 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

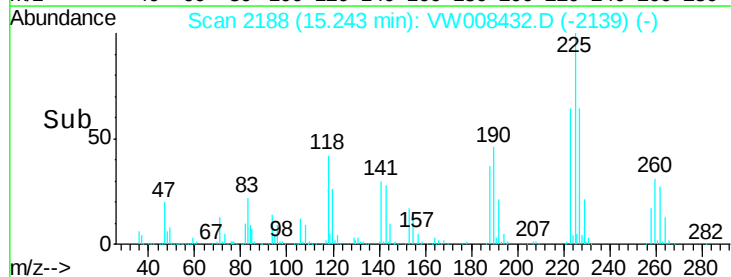
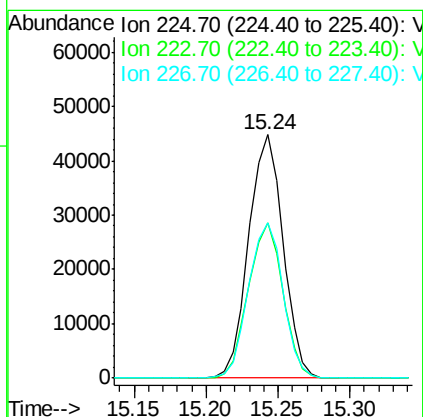
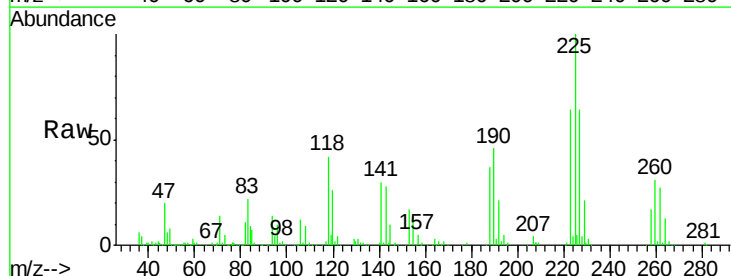
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tgt Ion:180 Resp: 121382
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 29.8 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 18.535 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion:225 Resp: 73917
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.7 95.1
 227 64.1 32.1 96.3

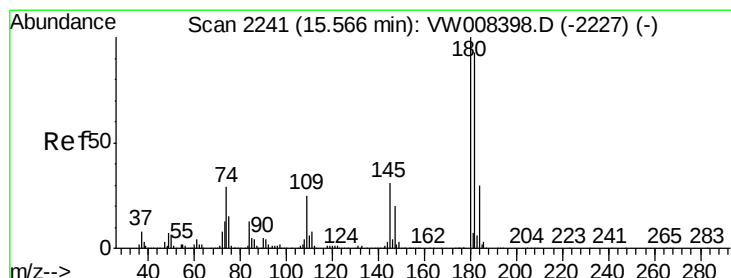
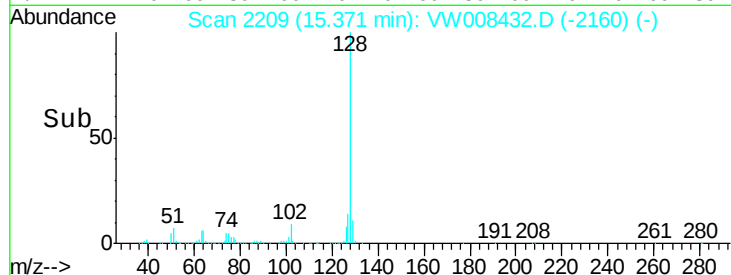
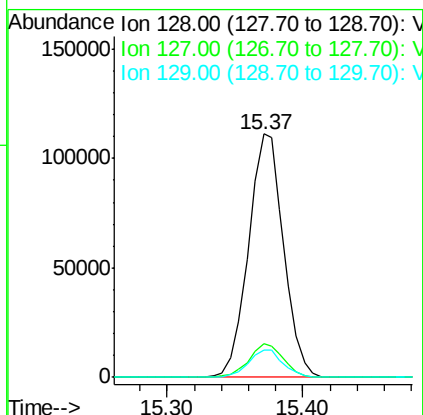
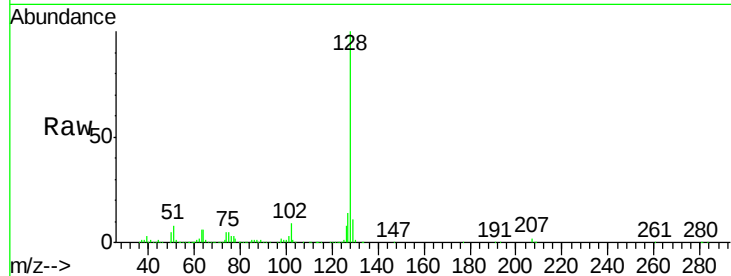




#95
Naphthalene
Concen: 17.273 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tgt Ion:128 Resp: 200698
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.131 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion:180 Resp: 101771
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.2
145 31.9 15.9 47.6

