

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
 Data File : VW008433.D
 Acq On : 28 Jan 2019 12:20
 Operator : SY/VA
 Sample : VW0128SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Quant Time: Jan 29 04:12:47 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	494731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	757275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	672098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	345788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	237063	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	234165	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.32	98	920123	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	335054	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38694	15.906	ug/l	97
3) Chloromethane	2.21	50	62652	15.514	ug/l	98
4) Vinyl Chloride	2.36	62	88292	17.175	ug/l	99
5) Bromomethane	2.78	94	63689	19.208	ug/l	98
6) Chloroethane	2.93	64	59015	18.771	ug/l	97
7) Trichlorofluoromethane	3.25	101	69175	18.734	ug/l	98
8) Diethyl Ether	3.67	74	43534	17.645	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82385	18.412	ug/l	99
10) Methyl Iodide	4.26	142	133494	18.888	ug/l	99
11) Tert butyl alcohol	5.17	59	31971	81.703	ug/l	95
12) 1,1-Dichloroethene	4.03	96	81751	18.053	ug/l	98
13) Acrolein	3.89	56	32157	95.769	ug/l	96
14) Allyl chloride	4.66	41	146346	17.019	ug/l	99
15) Acrylonitrile	5.37	53	88839	83.388	ug/l	100
16) Acetone	4.12	43	88400	80.994	ug/l	99
17) Carbon Disulfide	4.37	76	252215	17.439	ug/l	98
18) Methyl Acetate	4.67	43	45857	15.752	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	132110	17.633	ug/l	99
20) Methylene Chloride	4.90	84	94445	18.774	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	90056	17.689	ug/l	97
22) Diisopropyl ether	6.31	45	271897	16.684	ug/l	94
23) Vinyl Acetate	6.25	43	787563	81.841	ug/l	98
24) 1,1-Dichloroethane	6.21	63	158943	17.230	ug/l	98
25) 2-Butanone	7.17	43	123837	81.687	ug/l	98
26) 2,2-Dichloropropane	7.16	77	113598	18.218	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	99848	17.996	ug/l	96
28) Bromochloromethane	7.51	49	72969	17.222	ug/l	95
29) Tetrahydrofuran	7.53	42	75828	78.931	ug/l	96
30) Chloroform	7.67	83	161729	17.824	ug/l	99
31) Cyclohexane	7.95	56	162198	17.004	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	140641	17.946	ug/l	99
36) 1,1-Dichloropropene	8.08	75	131651	18.404	ug/l	98
37) Ethyl Acetate	7.25	43	52155	16.480	ug/l #	93
38) Carbon Tetrachloride	8.06	117	136981	19.030	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
 Data File : VW008433.D
 Acq On : 28 Jan 2019 12:20
 Operator : SY/VA
 Sample : VW0128SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0128SBS01

Quant Time: Jan 29 04:12:47 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)
39) Methylcyclohexane	9.34	83	171362	18.236	ug/l	97
40) Benzene	8.32	78	362060	18.240	ug/l	98
41) Methacrylonitrile	7.48	41	37343	19.927	ug/l	91
42) 1,2-Dichloroethane	8.40	62	102882	17.885	ug/l	98
43) Isopropyl Acetate	8.42	43	110161	16.754	ug/l	96
44) Trichloroethene	9.09	130	104016	19.270	ug/l	96
45) 1,2-Dichloropropane	9.37	63	89687	18.121	ug/l	97
46) Dibromomethane	9.46	93	45728	17.964	ug/l	95
47) Bromodichloromethane	9.64	83	122378	18.176	ug/l	94
48) Methyl methacrylate	9.43	41	54391	16.918	ug/l	98
49) 1,4-Dioxane	9.45	88	14431	335.385	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	269822	83.067	ug/l	100
52) Toluene	10.38	92	236006	18.012	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	126039	17.592	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	146791	18.054	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	63310	17.930	ug/l	98
56) Ethyl methacrylate	10.65	69	82873	16.750	ug/l	97
57) 1,3-Dichloropropane	10.93	76	112150	17.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	226195	94.097	ug/l	95
59) 2-Hexanone	10.97	43	190816	83.212	ug/l	100
60) Dibromochloromethane	11.13	129	82264	18.130	ug/l	99
61) 1,2-Dibromoethane	11.24	107	62620	17.886	ug/l	98
64) Tetrachloroethene	10.86	164	87855	19.307	ug/l	98
65) Chlorobenzene	11.66	112	258002	18.805	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	92750	18.895	ug/l	99
67) Ethyl Benzene	11.73	91	462534	18.340	ug/l	99
68) m/p-Xylenes	11.84	106	358771	36.665	ug/l	98
69) o-Xylene	12.16	106	169854	18.269	ug/l	96
70) Styrene	12.18	104	274607	17.881	ug/l	98
71) Bromoform	12.35	173	49738	18.009	ug/l #	100
73) Isopropylbenzene	12.46	105	471470	18.289	ug/l	99
74) N-amyl acetate	12.27	43	108751	16.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	71020	17.401	ug/l	99
76) 1,2,3-Trichloropropane	12.94	75	10964	3.647	ug/l	55
77) Bromobenzene	12.75	156	105902	18.810	ug/l	95
78) n-propylbenzene	12.80	91	561428	18.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	310169	17.752	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	392109	18.198	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	25689	16.877	ug/l	98
82) 4-Chlorotoluene	12.99	91	325981	17.524	ug/l	97
83) tert-Butylbenzene	13.21	119	356025	18.568	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	394041	17.992	ug/l	99
85) sec-Butylbenzene	13.38	105	500204	18.267	ug/l	99
86) p-Isopropyltoluene	13.50	119	443413	18.486	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	211010	18.558	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	210282	18.610	ug/l	99
89) n-Butylbenzene	13.83	91	417534	17.729	ug/l	99
90) Hexachloroethane	14.10	117	87570	18.668	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	185301	18.419	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13715	17.711	ug/l	97

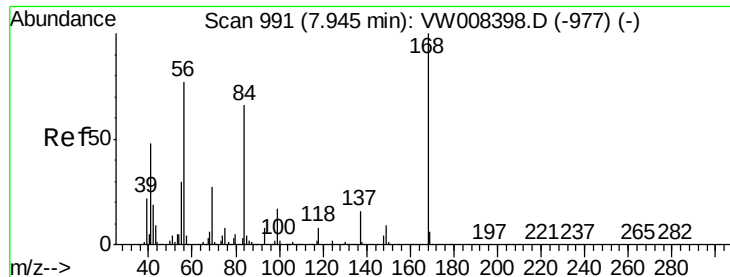
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
Data File : VW008433.D
Acq On : 28 Jan 2019 12:20
Operator : SY/VA
Sample : VW0128SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

Quant Time: Jan 29 04:12:47 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.14	180	136136	18.962	ug/l	99
94) Hexachlorobutadiene	15.24	225	82778	19.132	ug/l	99
95) Naphthalene	15.37	128	226602	17.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	114560	18.811	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

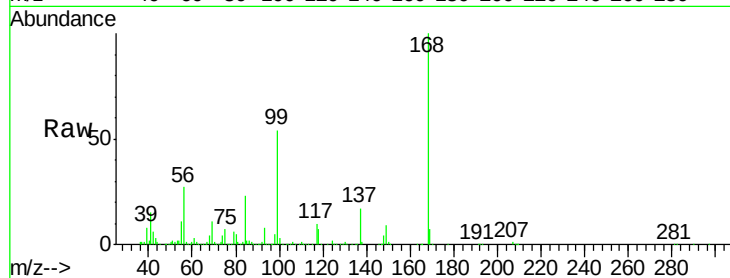
VW0128SBS01

Tgt Ion:168 Resp: 494731

Ion Ratio Lower Upper

168 100

99 53.7 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

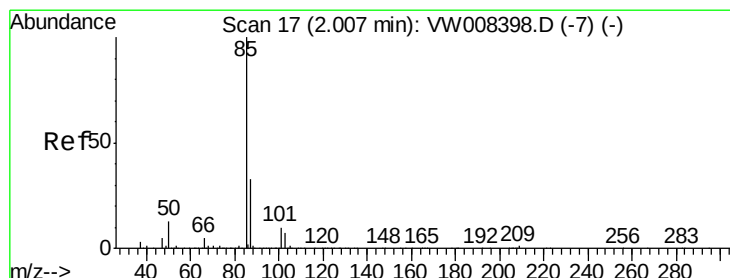
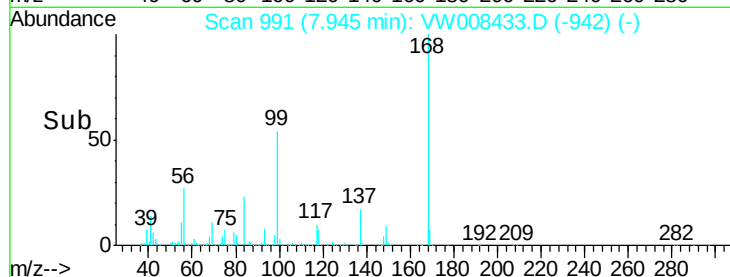
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 15.906 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008433.D

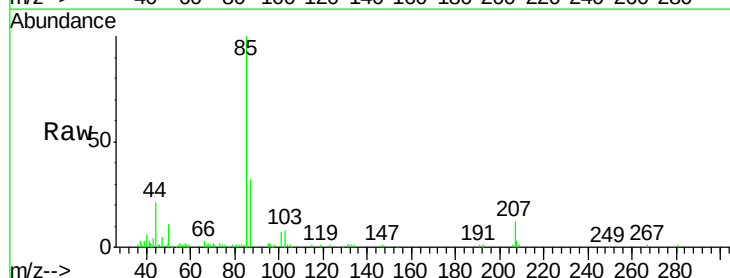
Acq: 28 Jan 2019 12:20

Tgt Ion: 85 Resp: 38694

Ion Ratio Lower Upper

85 100

87 31.7 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

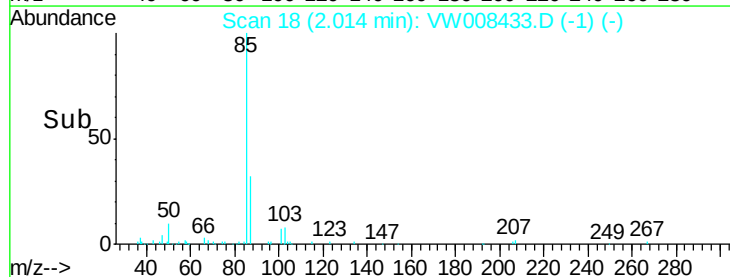
15000

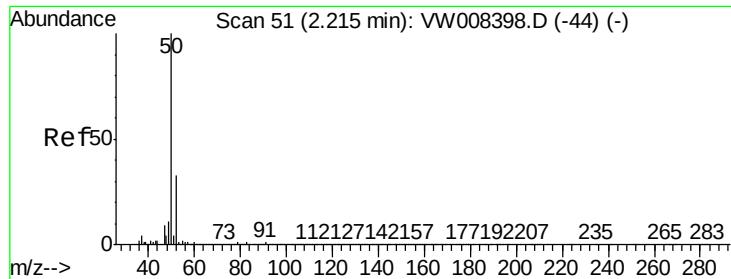
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 15.514 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

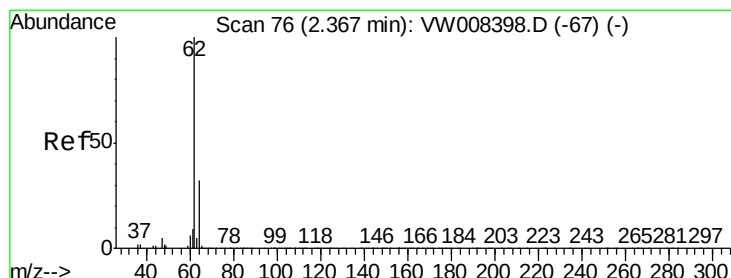
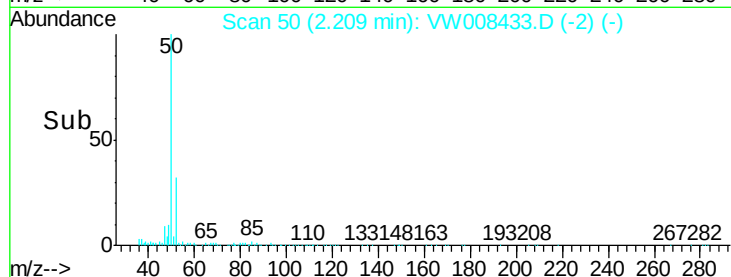
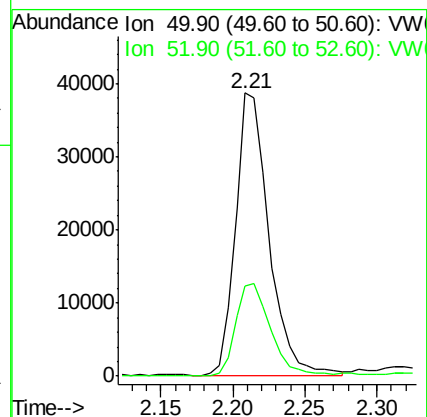
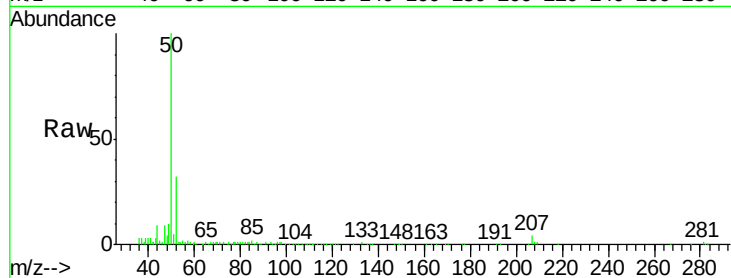
VW0128SBSD01

Tgt Ion: 50 Resp: 62652

Ion Ratio Lower Upper

50 100

52 31.8 26.3 39.5



#4

Vinyl Chloride

Concen: 17.175 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008433.D

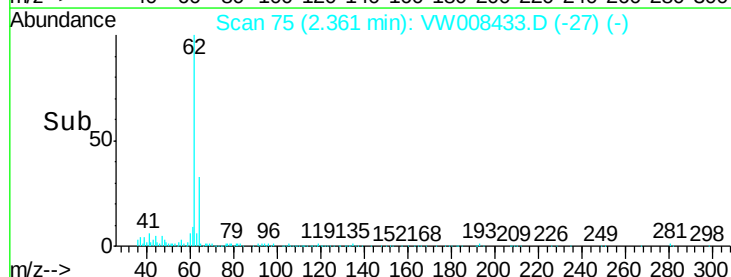
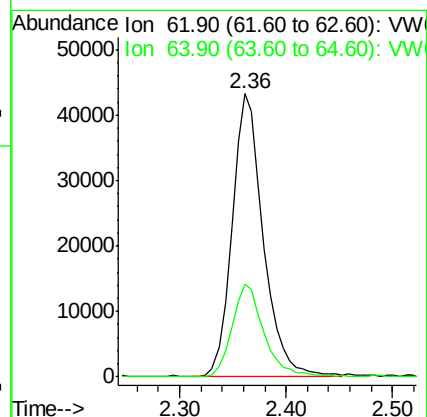
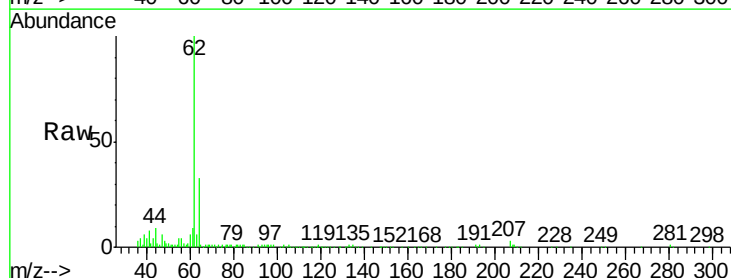
Acq: 28 Jan 2019 12:20

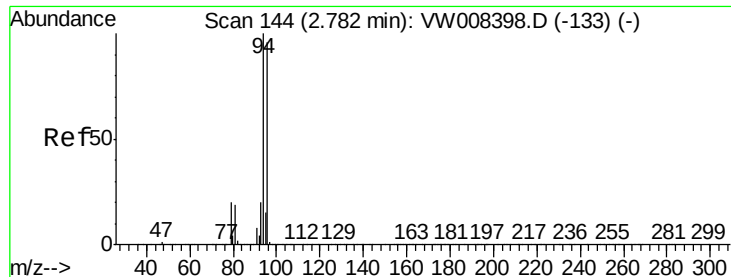
Tgt Ion: 62 Resp: 88292

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 19.208 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

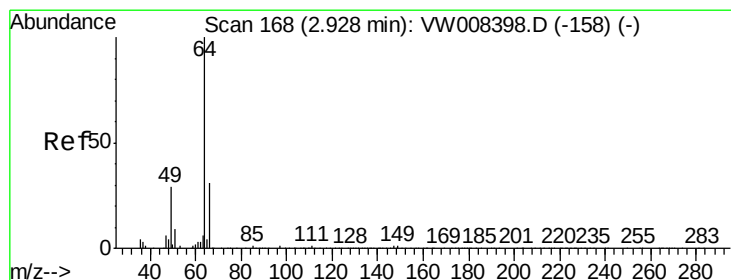
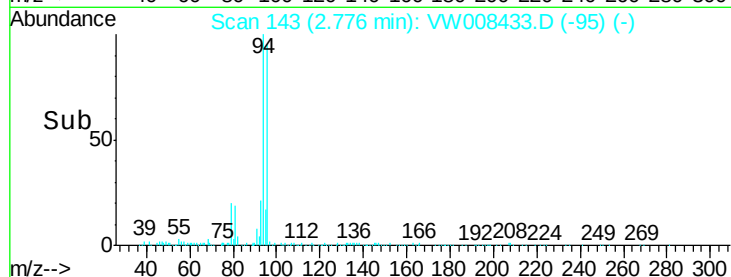
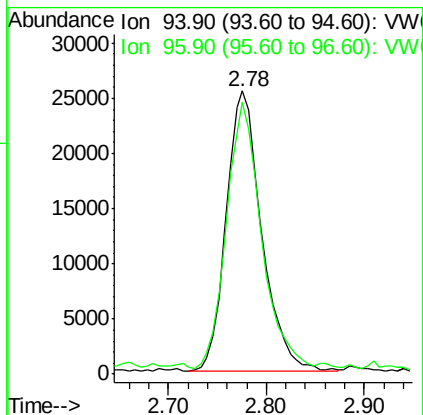
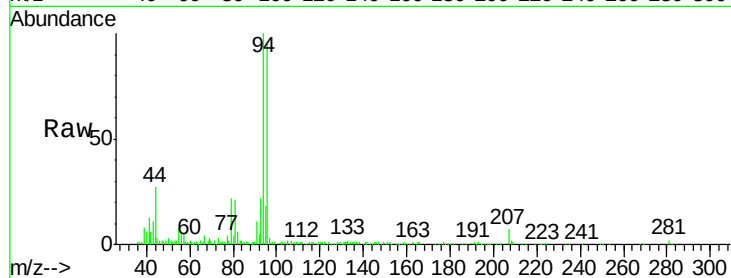
VW0128SBSD01

Tgt Ion: 94 Resp: 63689

Ion Ratio Lower Upper

94 100

96 94.8 77.2 115.8



#6

Chloroethane

Concen: 18.771 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008433.D

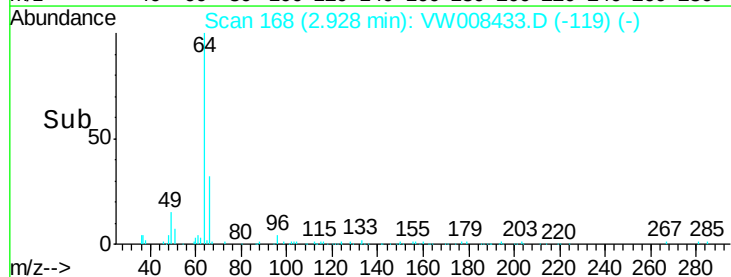
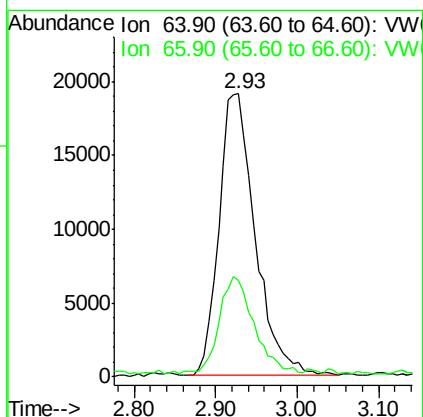
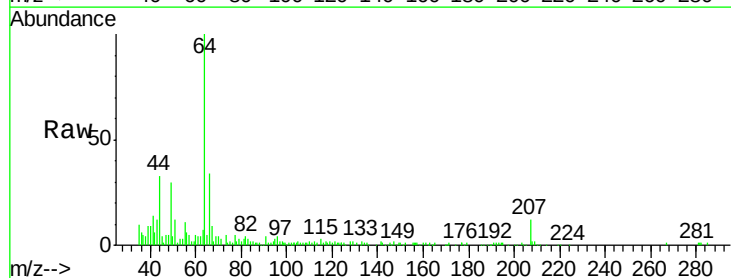
Acq: 28 Jan 2019 12:20

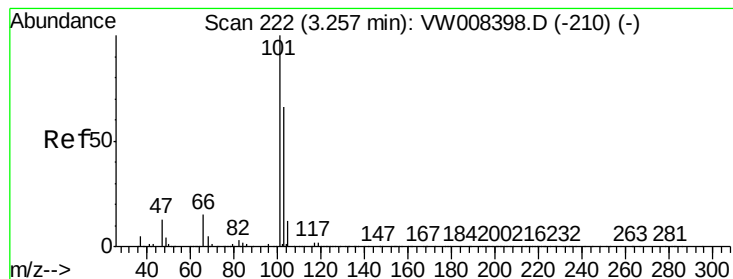
Tgt Ion: 64 Resp: 59015

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



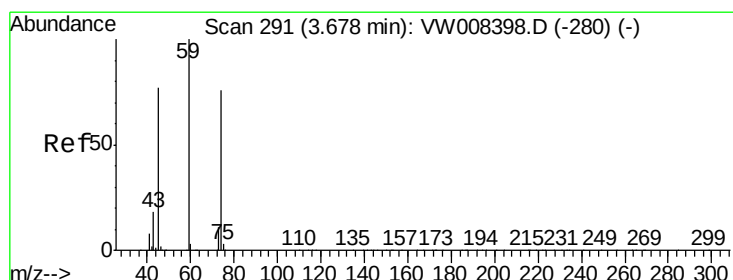
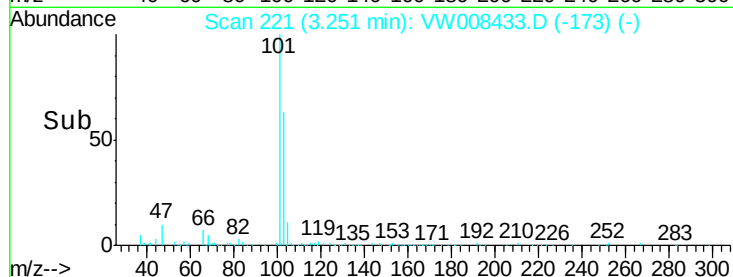
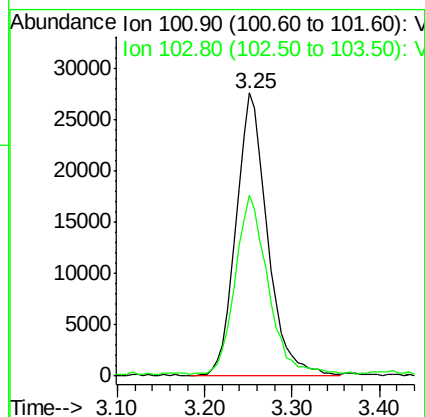
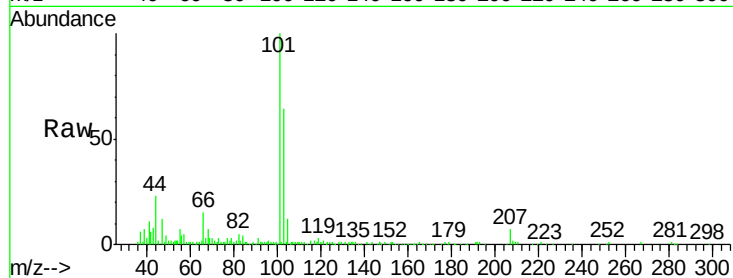


#7

Trichlorofluoromethane
Concen: 18.734 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

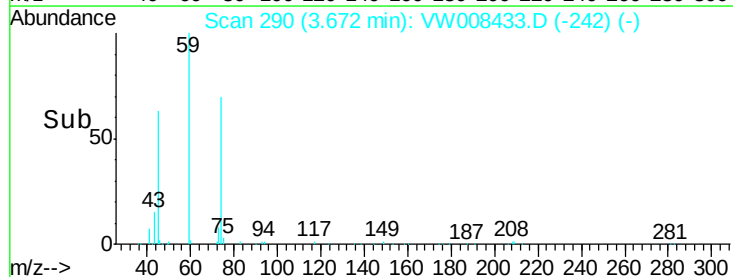
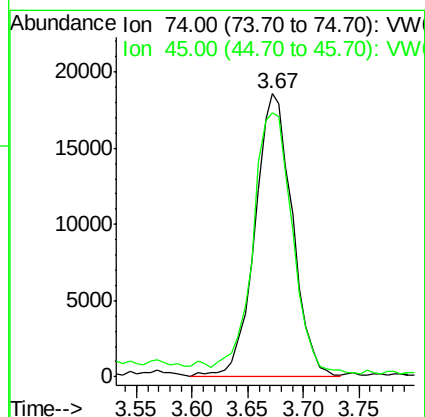
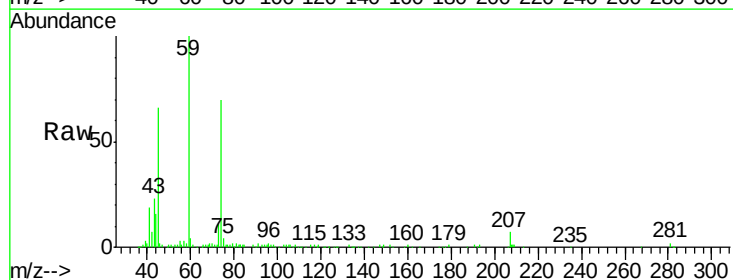
Tgt Ion:101 Resp: 69175
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7

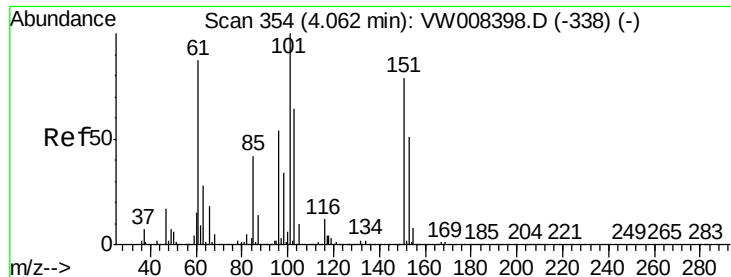


#8

Diethyl Ether
Concen: 17.645 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 74 Resp: 43534
Ion Ratio Lower Upper
74 100
45 97.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.412 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

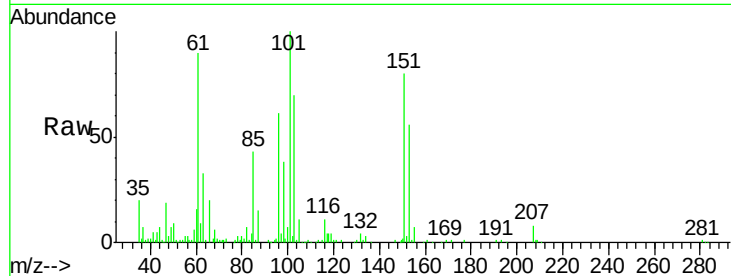
Tgt Ion:101 Resp: 82385

Ion Ratio Lower Upper

101 100

85 42.8 35.0 52.4

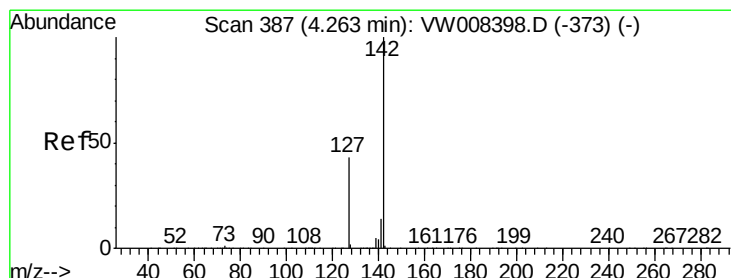
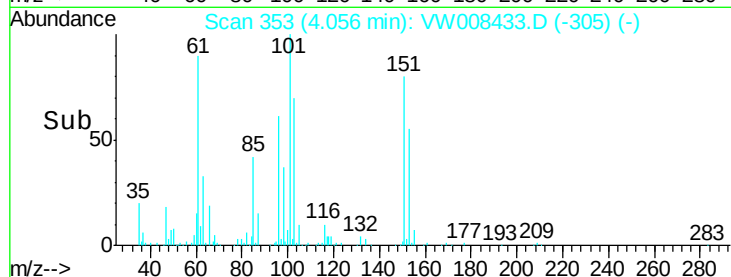
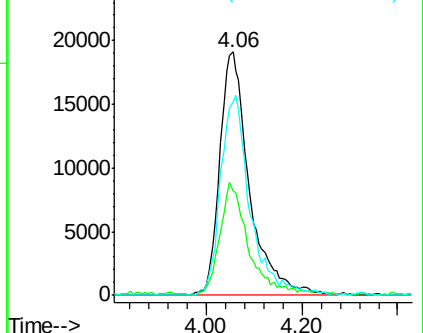
151 78.0 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.888 ug/l

RT: 4.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

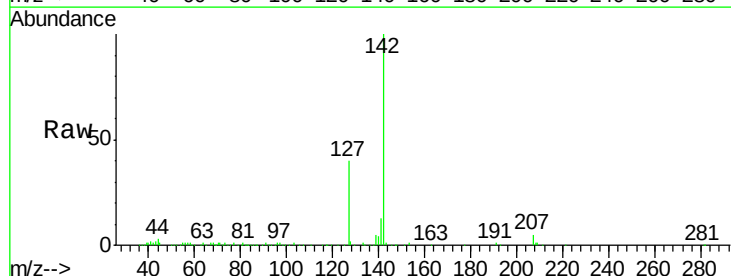
Tgt Ion:142 Resp: 133494

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

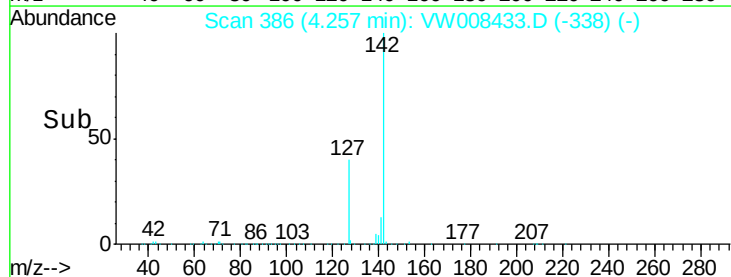
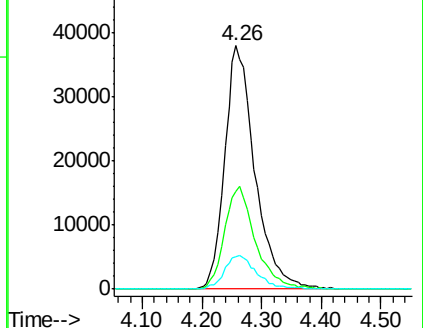
141 15.0 11.4 17.2

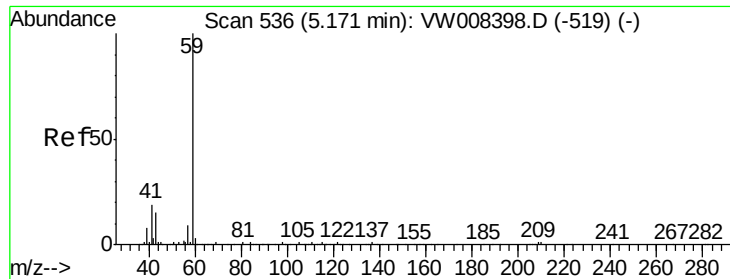


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

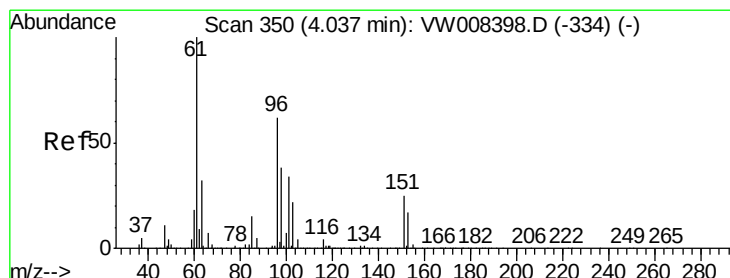
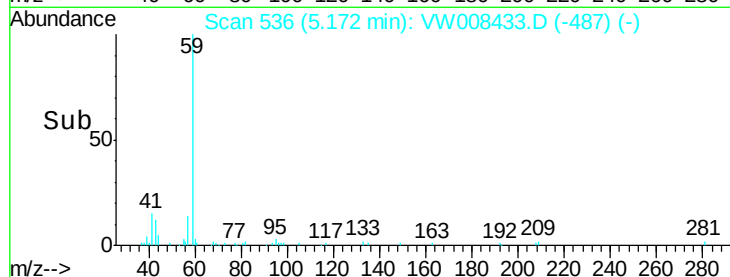
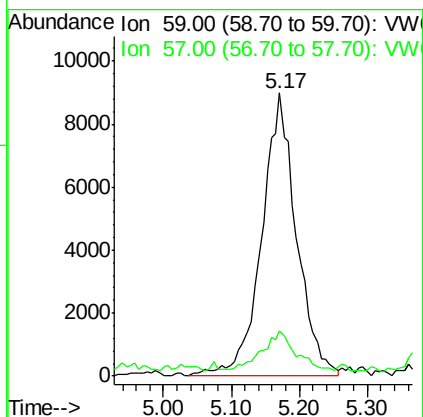
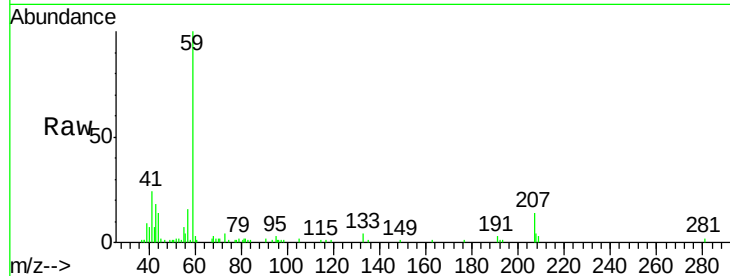




#11
Tert butyl alcohol
Concen: 81.703 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

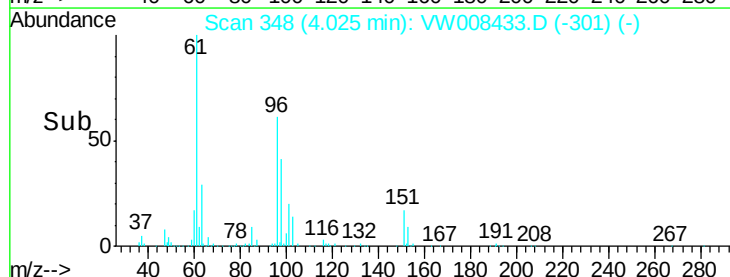
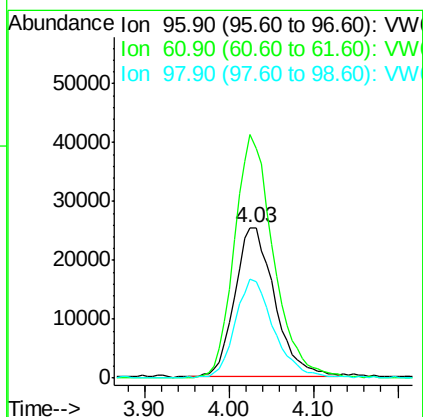
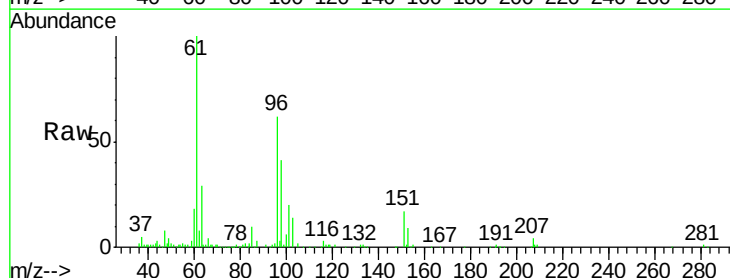
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

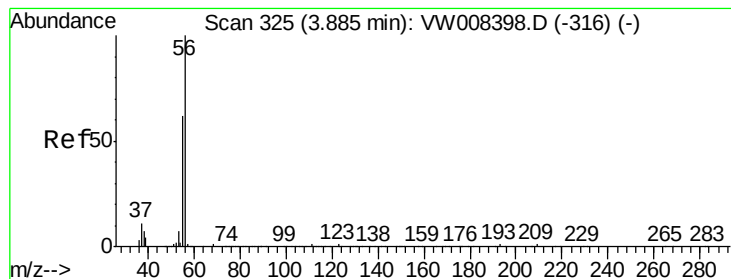
Tgt Ion: 59 Resp: 31971
Ion Ratio Lower Upper
59 100
57 13.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 18.053 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 96 Resp: 81751
Ion Ratio Lower Upper
96 100
61 162.8 129.5 194.3
98 65.6 48.6 73.0





#13

Acrolein

Concen: 95.769 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

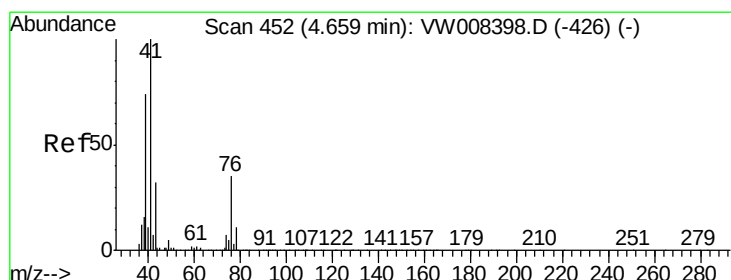
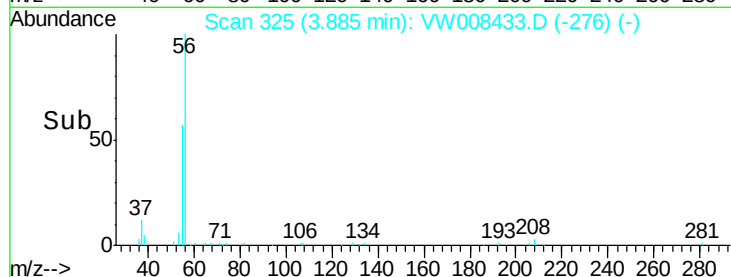
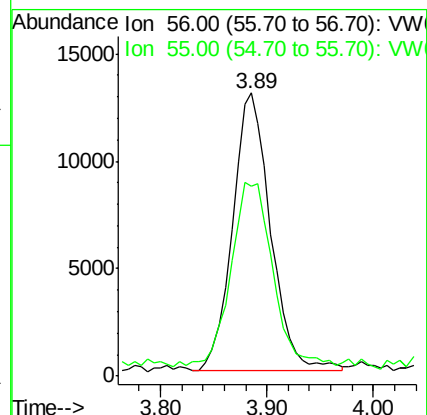
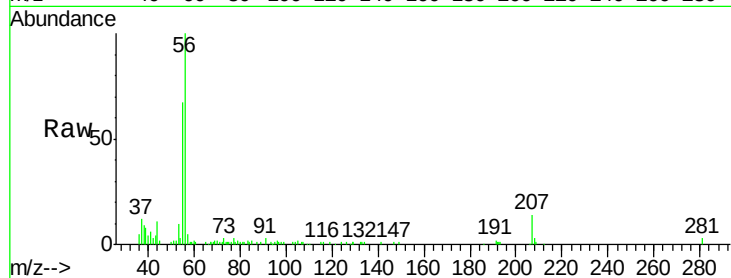
VW0128SBSD01

Tgt Ion: 56 Resp: 32157

Ion Ratio Lower Upper

56 100

55 74.1 56.7 85.1



#14

Allyl chloride

Concen: 17.019 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

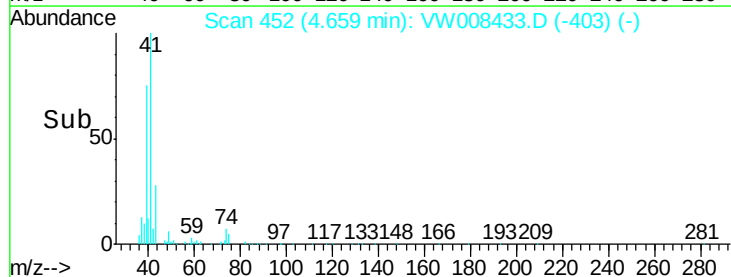
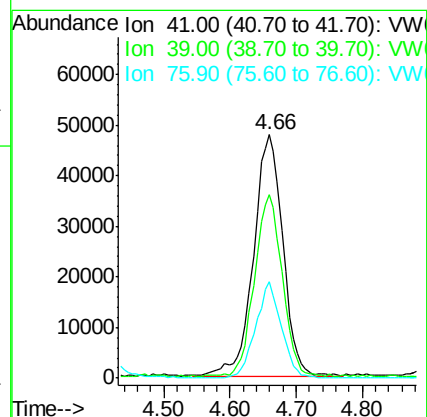
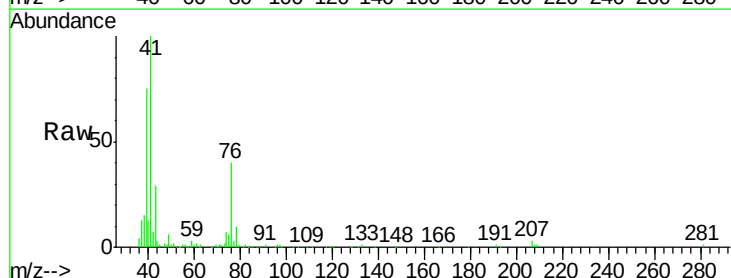
Tgt Ion: 41 Resp: 146346

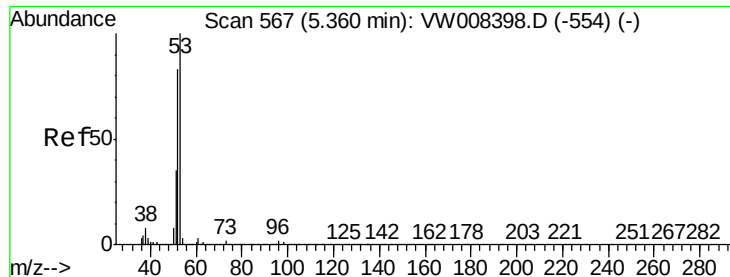
Ion Ratio Lower Upper

41 100

39 71.7 57.7 86.5

76 35.3 26.9 40.3





#15

Acrylonitrile

Concen: 83.388 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

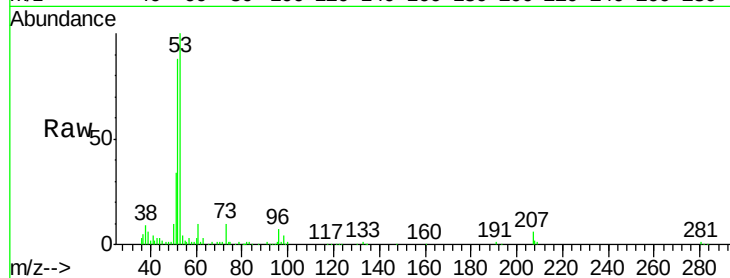
Tgt Ion: 53 Resp: 88839

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.4

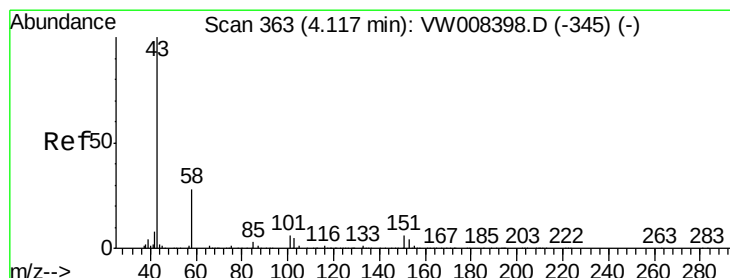
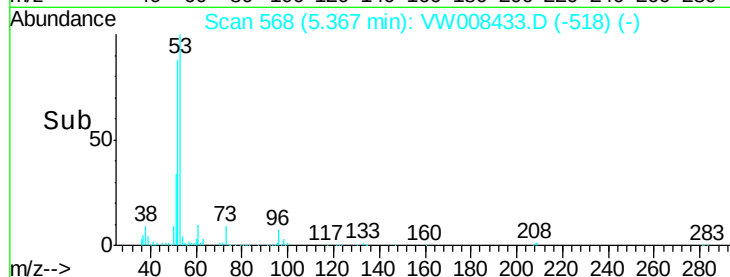
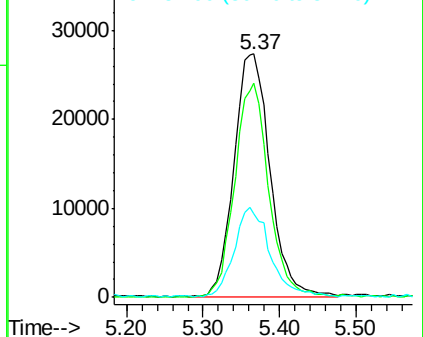
51 37.8 29.8 44.8



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: 80.994 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008433.D

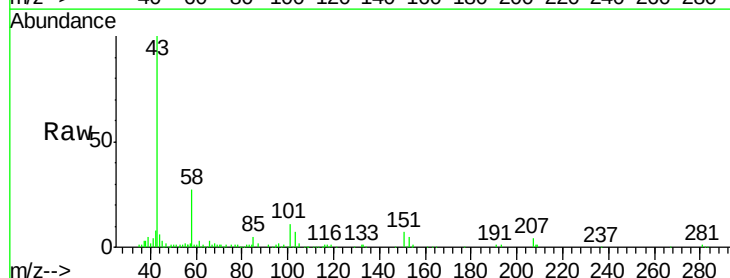
Acq: 28 Jan 2019 12:20

Tgt Ion: 43 Resp: 88400

Ion Ratio Lower Upper

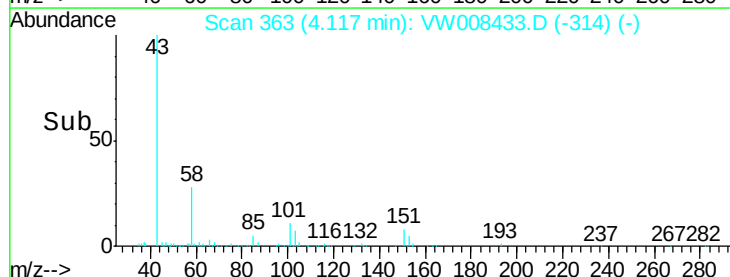
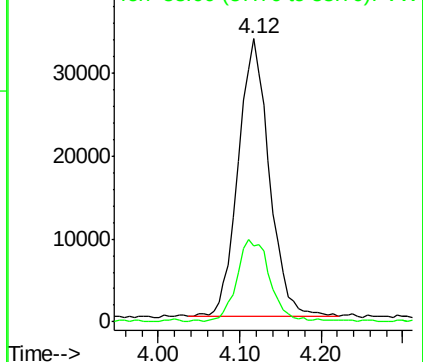
43 100

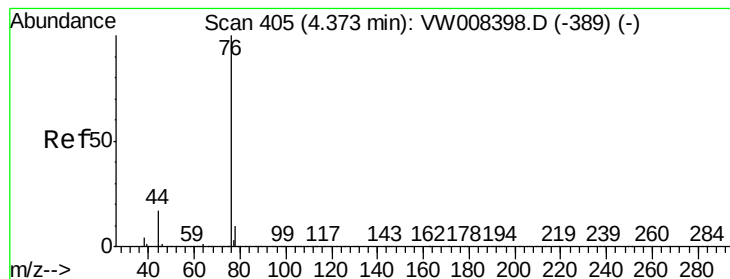
58 27.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 17.439 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

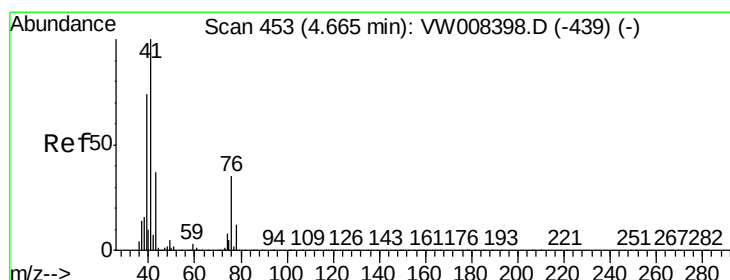
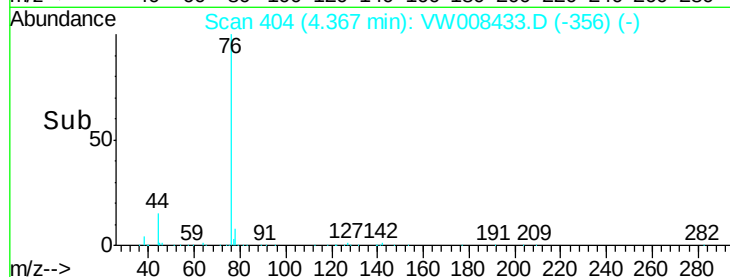
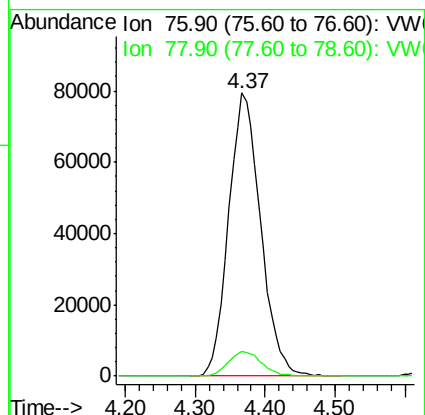
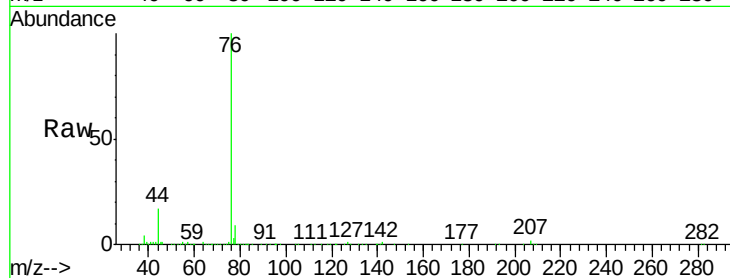
VW0128SBSD01

Tgt Ion: 76 Resp: 252215

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



#18

Methyl Acetate

Concen: 15.752 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008433.D

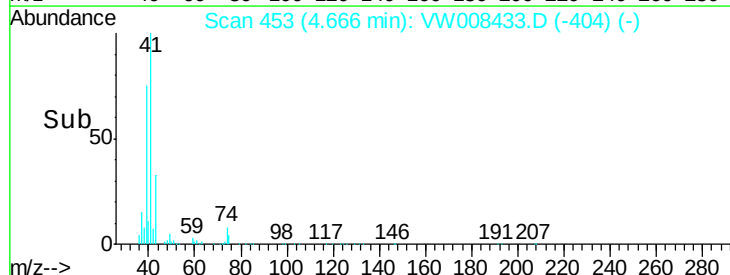
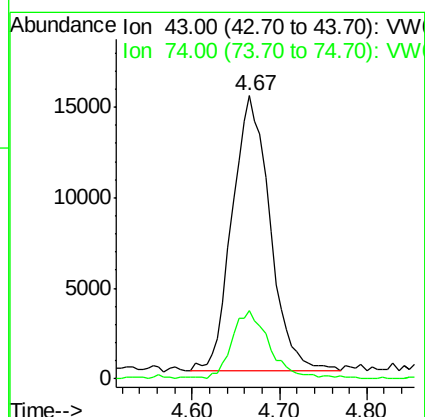
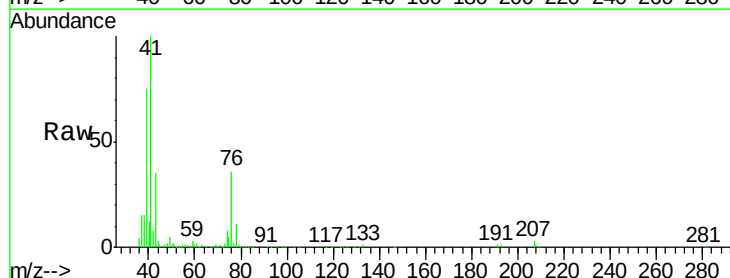
Acq: 28 Jan 2019 12:20

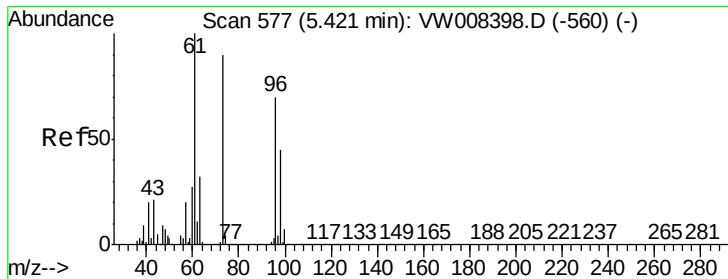
Tgt Ion: 43 Resp: 45857

Ion Ratio Lower Upper

43 100

74 24.6 17.5 26.3



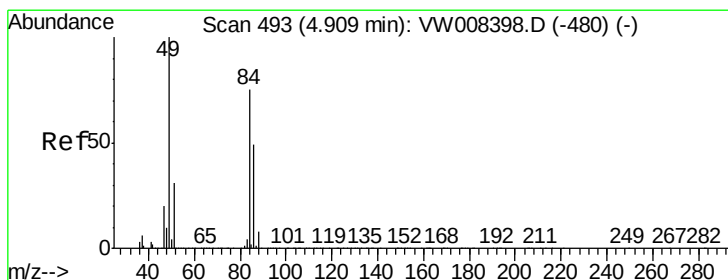
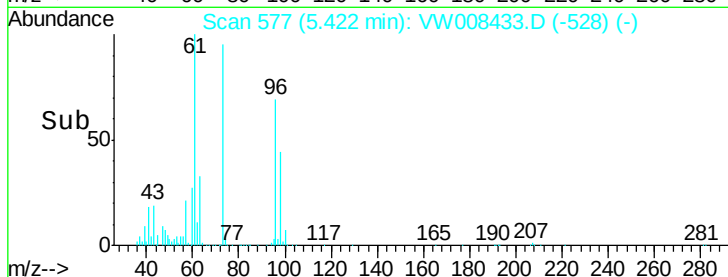
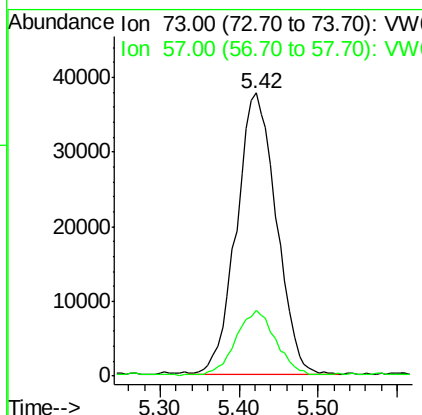
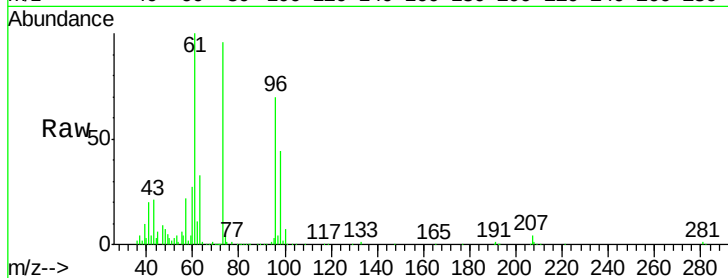


#19

Methyl tert-butyl Ether
 Concen: 17.633 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

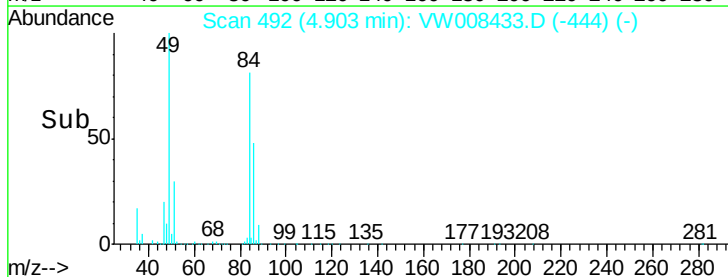
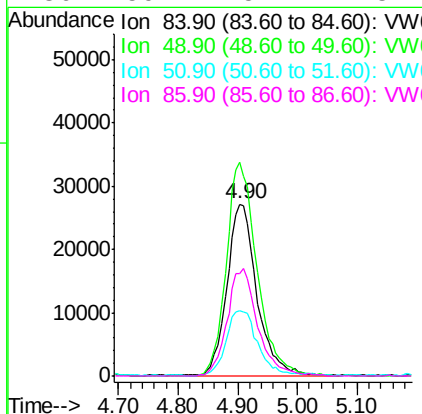
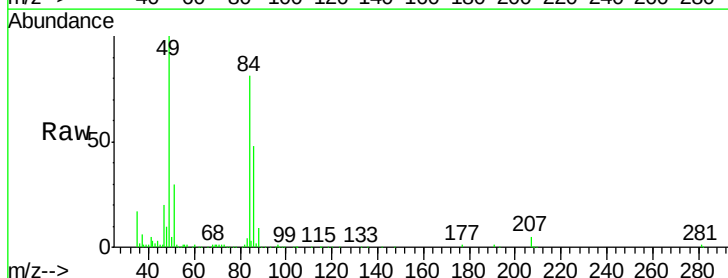
Tgt Ion: 73 Resp: 132110
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.0 27.0

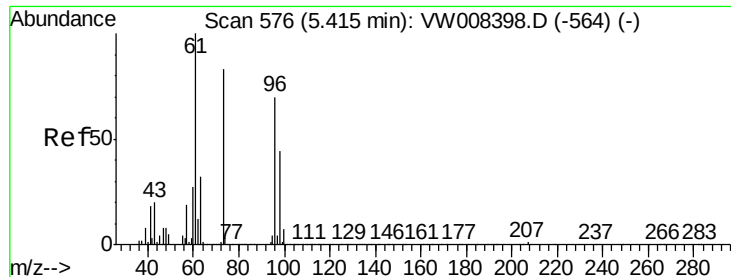


#20

Methylene Chloride
 Concen: 18.774 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion: 84 Resp: 94445
 Ion Ratio Lower Upper
 84 100
 49 124.5 106.8 160.2
 51 37.3 32.9 49.3
 86 59.4 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.689 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

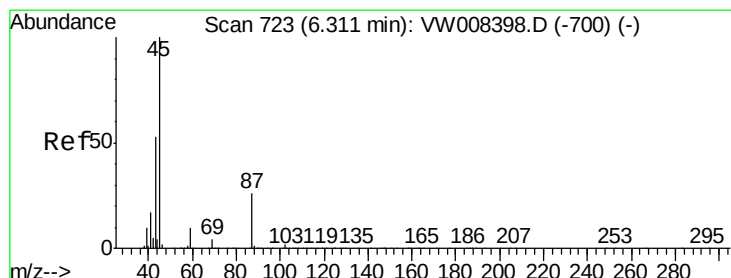
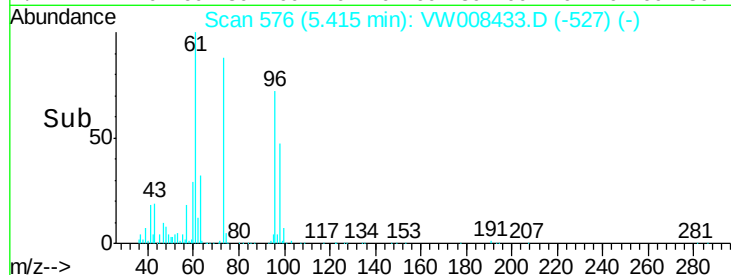
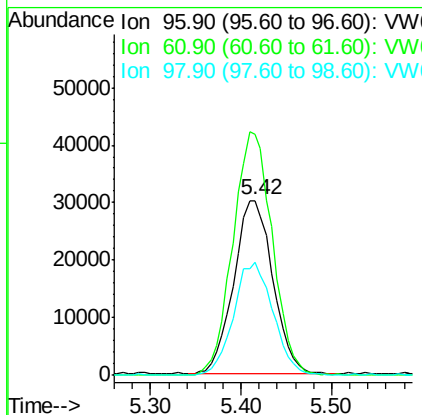
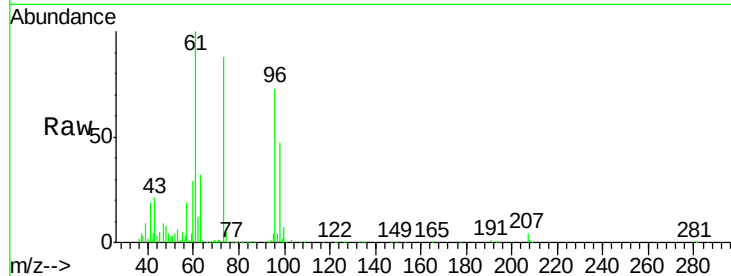
Tgt Ion: 96 Resp: 90056

Ion Ratio Lower Upper

96 100

61 138.8 114.4 171.6

98 65.4 50.6 75.8



#22

Diisopropyl ether

Concen: 16.684 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Tgt Ion: 45 Resp: 271897

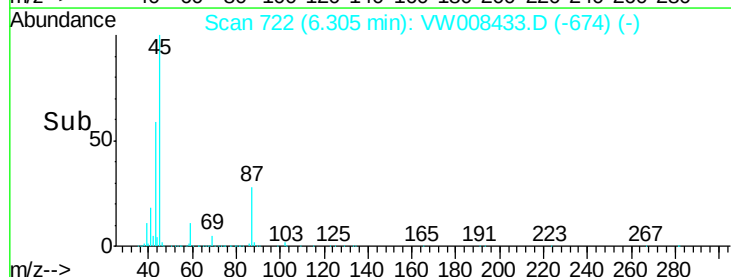
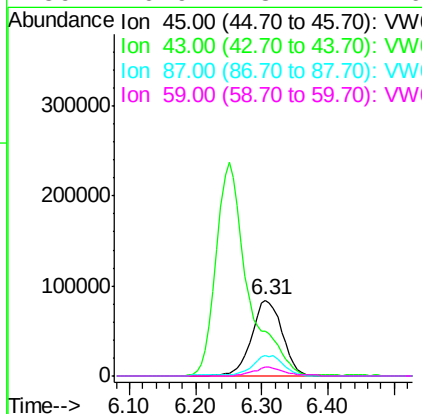
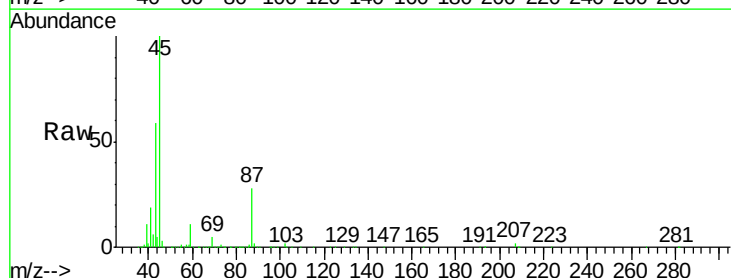
Ion Ratio Lower Upper

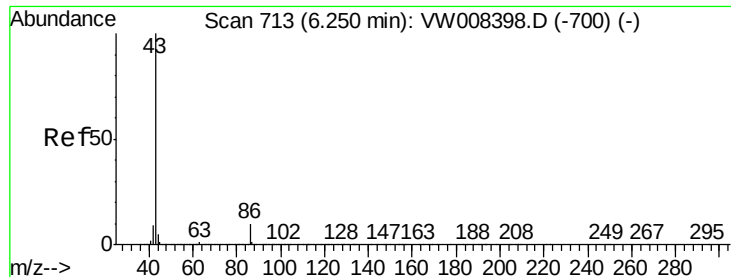
45 100

43 58.5 42.6 63.8

87 27.4 20.3 30.5

59 10.9 8.4 12.6





#23

Vinyl Acetate

Concen: 81.841 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

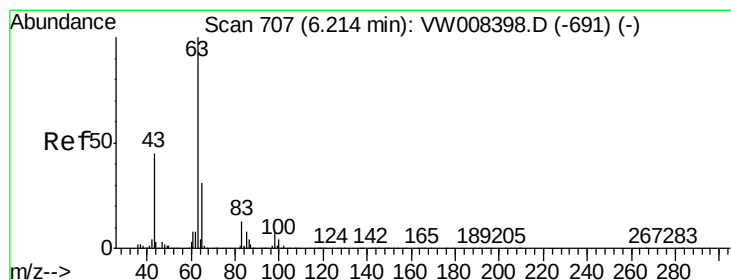
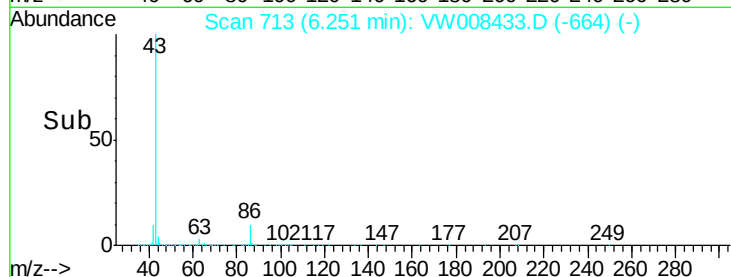
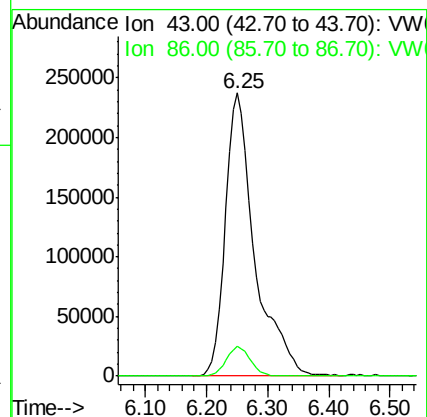
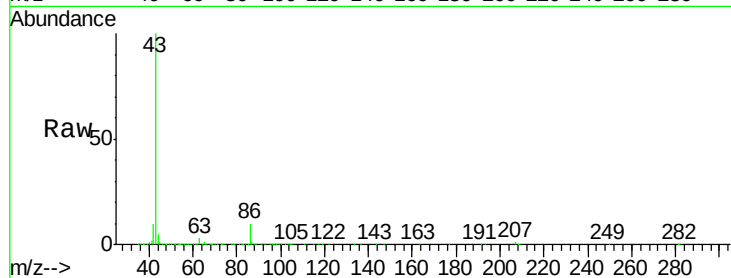
VW0128SBSD01

Tgt Ion: 43 Resp: 787563

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



#24

1,1-Dichloroethane

Concen: 17.230 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

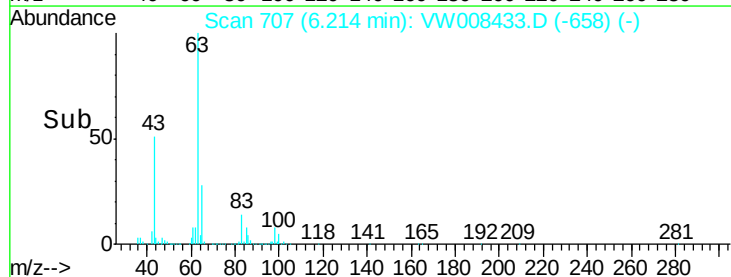
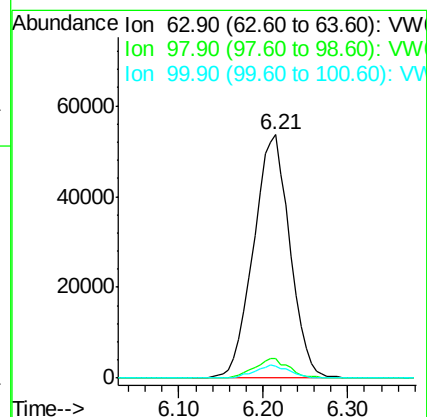
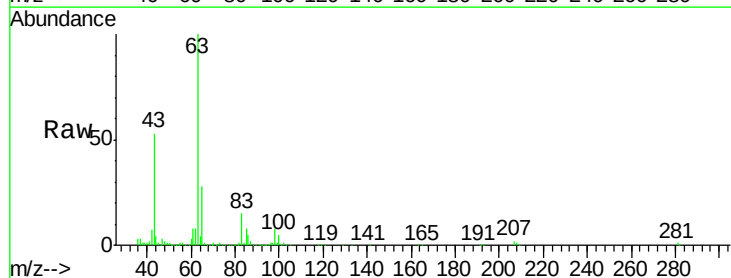
Tgt Ion: 63 Resp: 158943

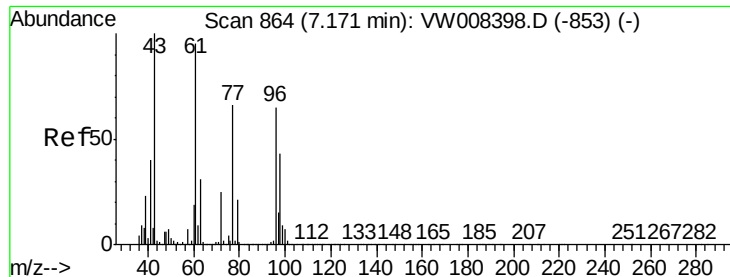
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 5.0 2.1 6.2





#25

2-Butanone

Concen: 81.687 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

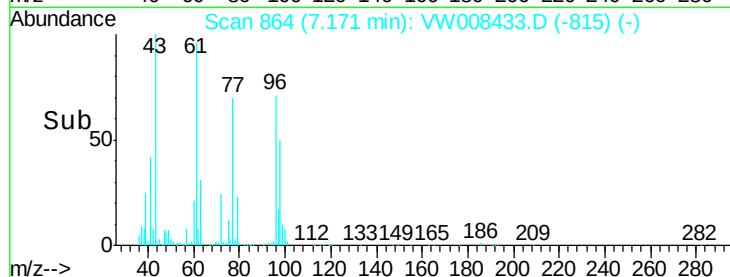
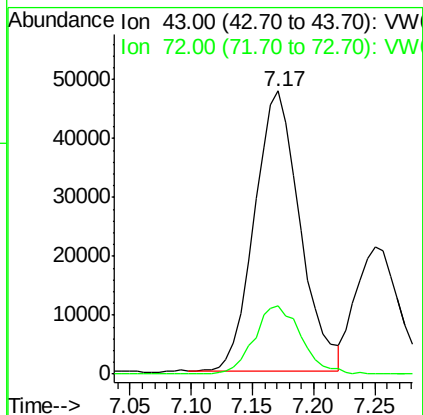
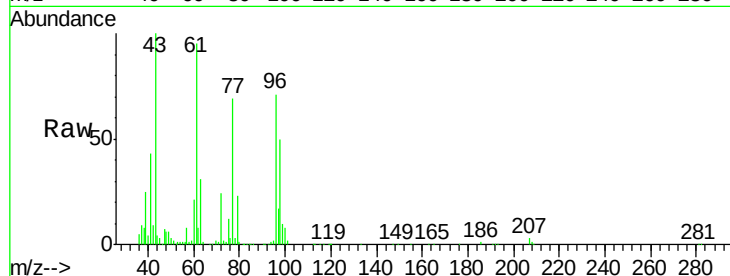
VW0128SBSD01

Tgt Ion: 43 Resp: 123837

Ion Ratio Lower Upper

43 100

72 24.3 20.1 30.1



#26

2,2-Dichloropropane

Concen: 18.218 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008433.D

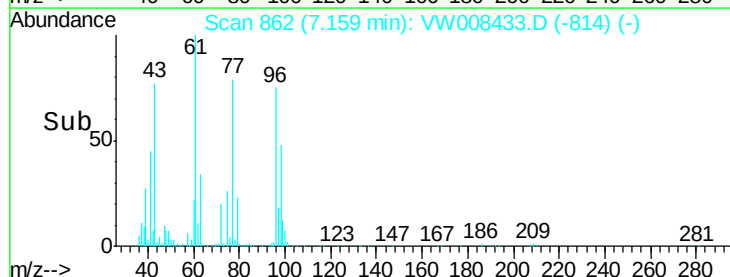
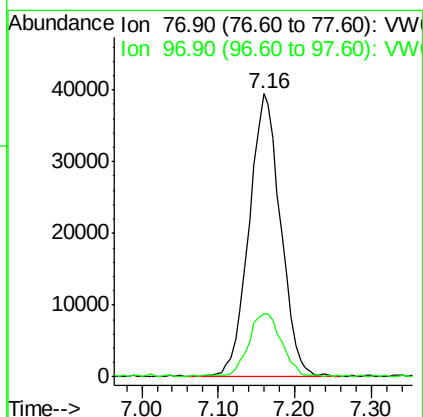
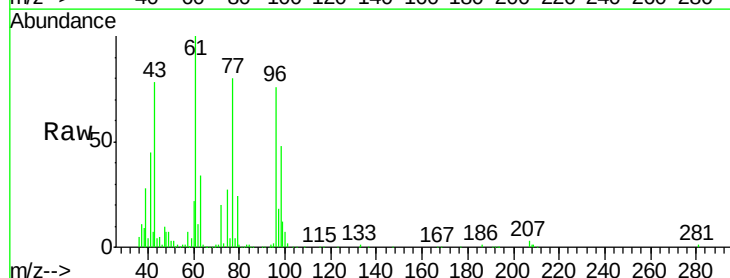
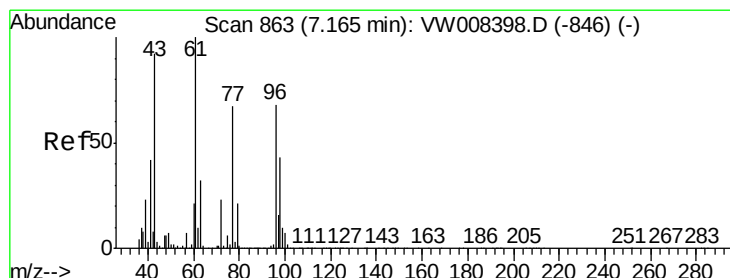
Acq: 28 Jan 2019 12:20

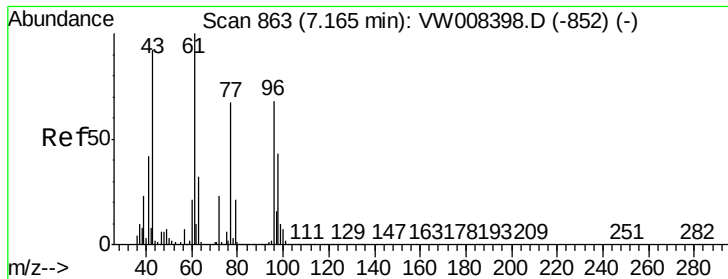
Tgt Ion: 77 Resp: 113598

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



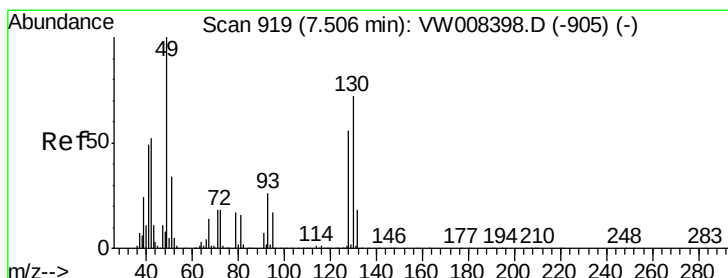
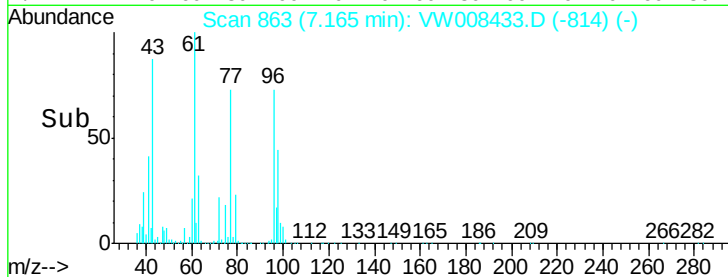
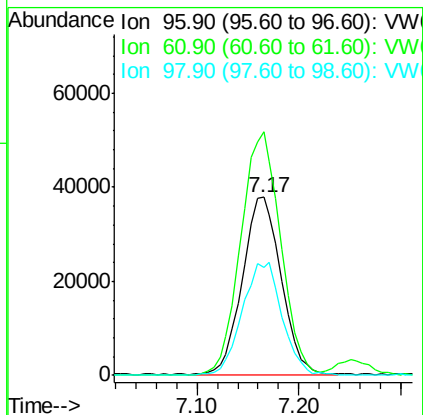
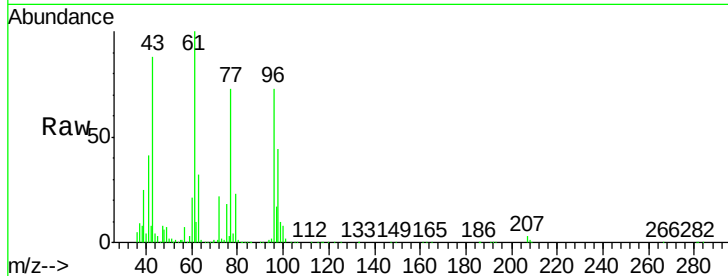


#27

cis-1,2-Dichloroethene
Concen: 17.996 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

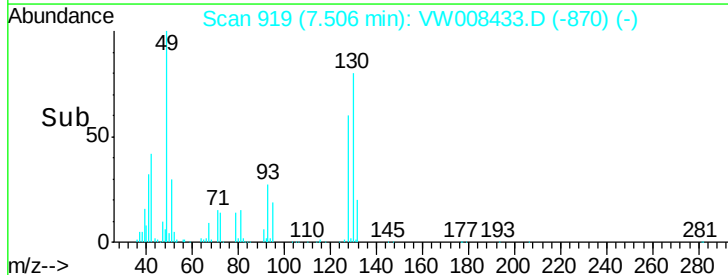
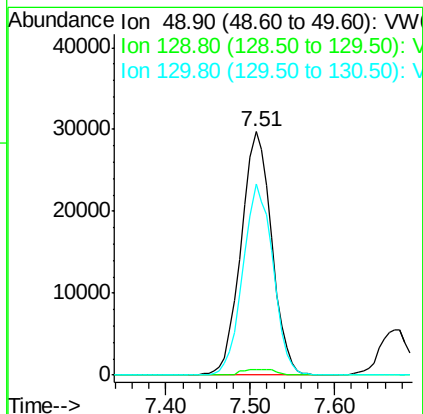
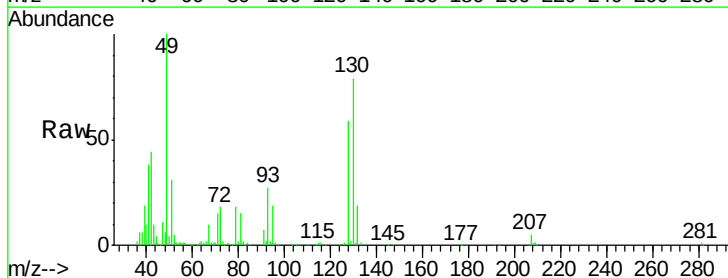
Tgt Ion: 96 Resp: 99848
Ion Ratio Lower Upper
96 100
61 140.7 0.0 292.8
98 65.5 0.0 129.2

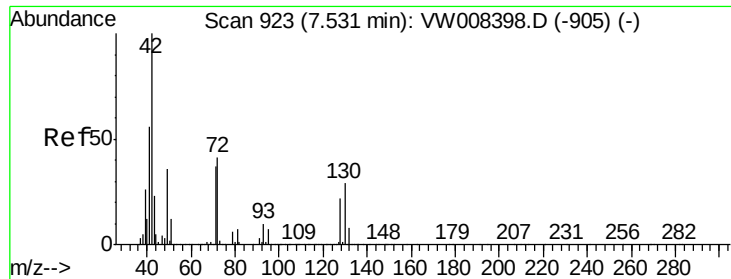


#28

Bromochloromethane
Concen: 17.222 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 49 Resp: 72969
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 77.3 58.6 87.8

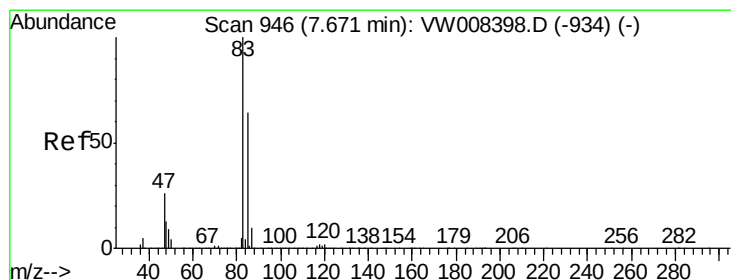
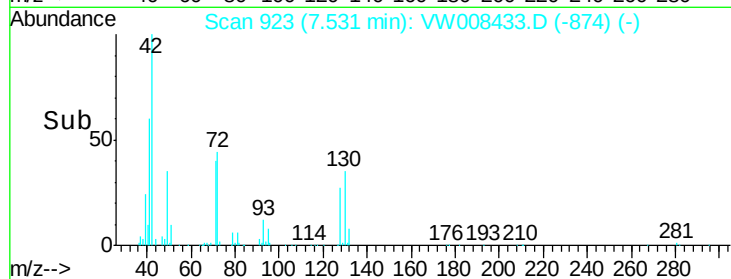
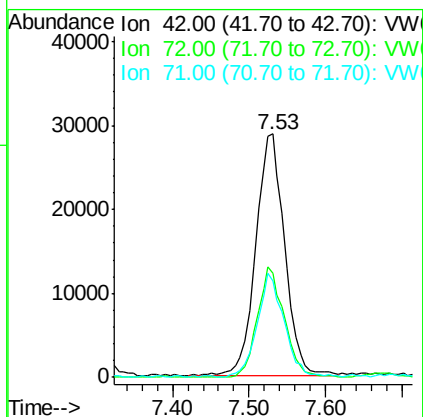
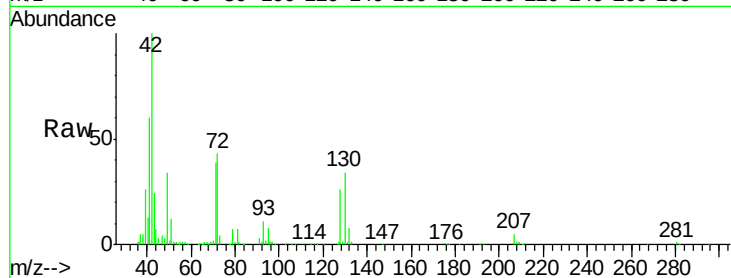




#29
Tetrahydrofuran
Concen: 78.931 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

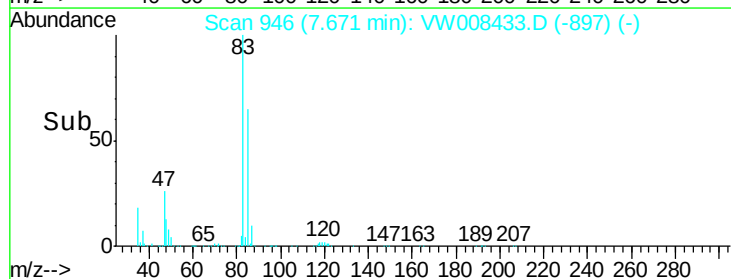
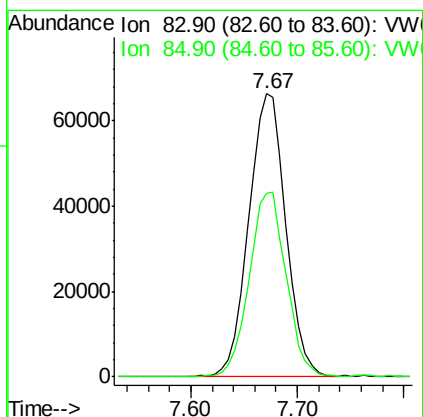
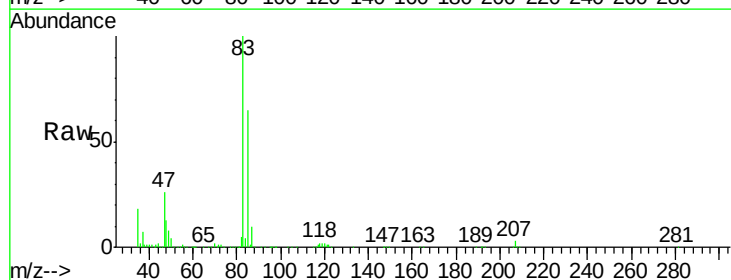
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

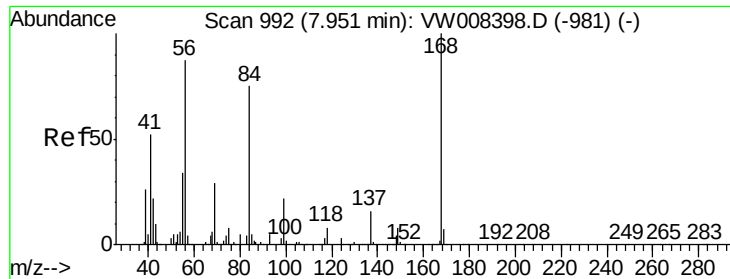
Tgt Ion: 42 Resp: 75828
Ion Ratio Lower Upper
42 100
72 42.8 31.9 47.9
71 39.3 29.9 44.9



#30
Chloroform
Concen: 17.824 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 83 Resp: 161729
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3

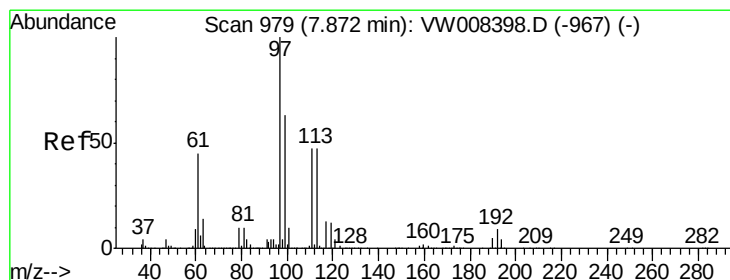
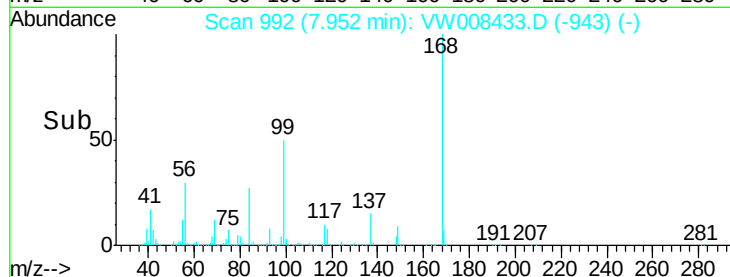
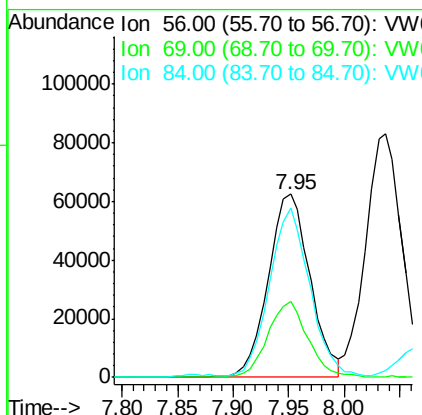
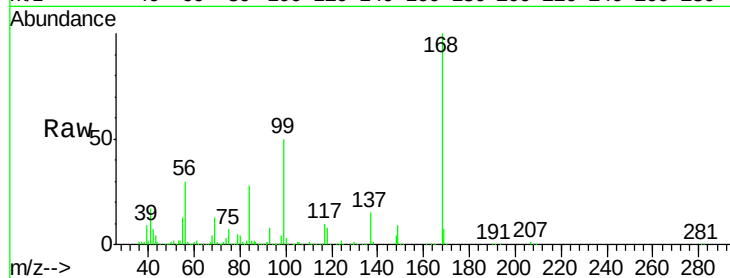




#31
Cyclohexane
Concen: 17.004 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

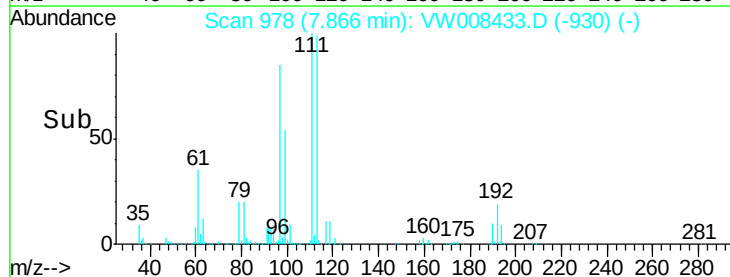
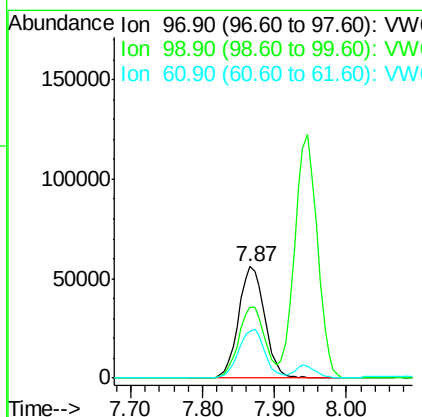
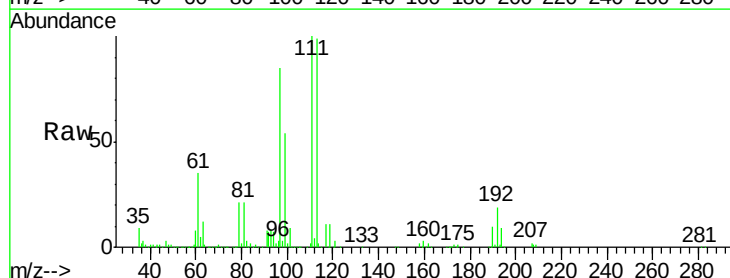
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

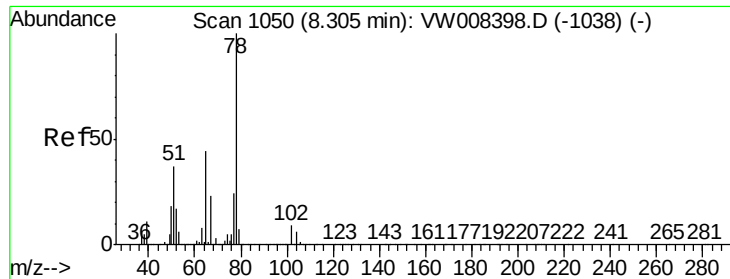
Tgt Ion: 56 Resp: 162198
Ion Ratio Lower Upper
56 100
69 41.4 26.4 39.6#
84 91.6 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 17.946 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 97 Resp: 140641
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.6 36.2 54.4

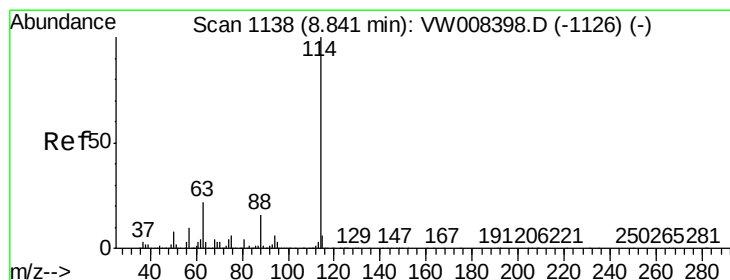
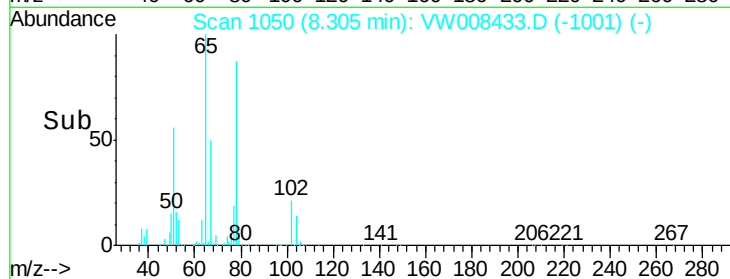
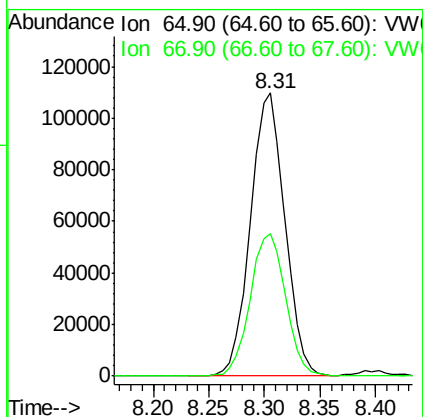
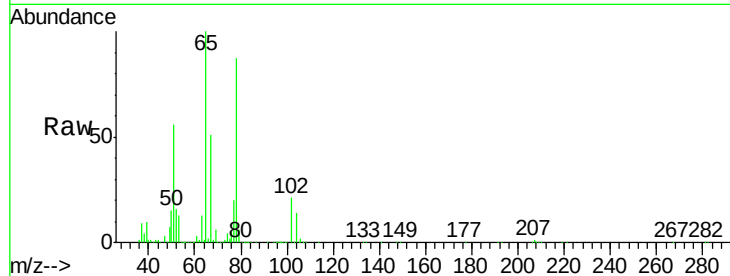




#33
 1,2-Dichloroethane-d4
 Concen: 48.776 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

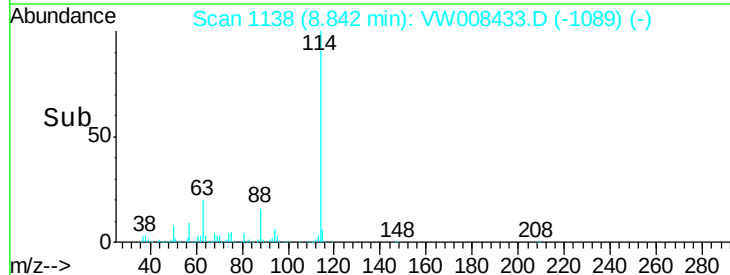
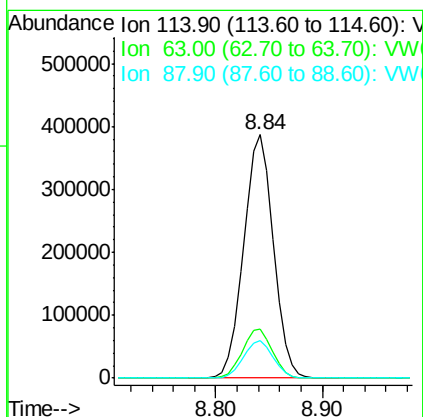
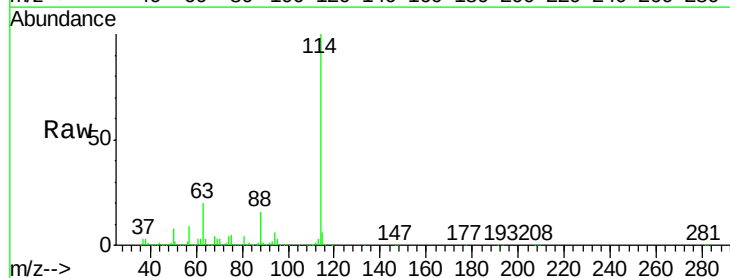
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

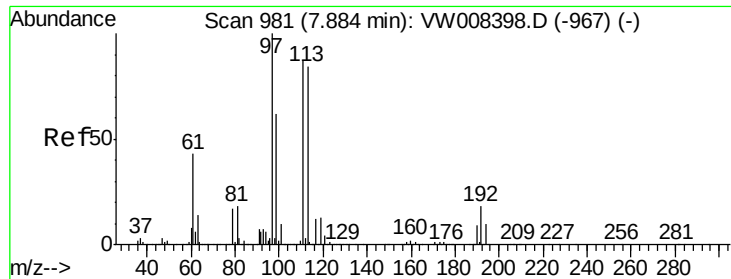
Tgt Ion: 65 Resp: 237063
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion: 114 Resp: 757275
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.882 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

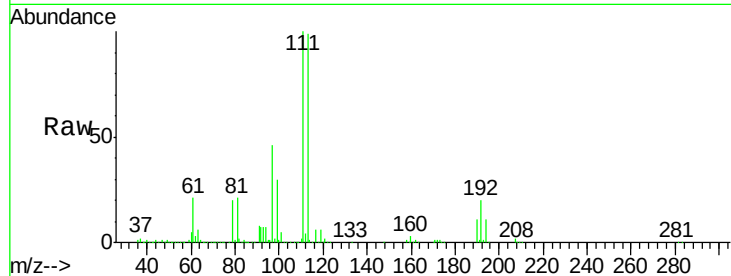
Tgt Ion:113 Resp: 234165

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

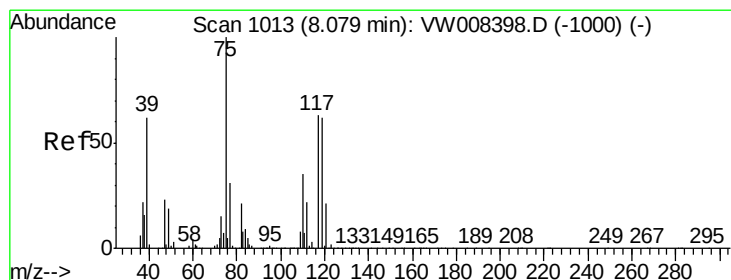
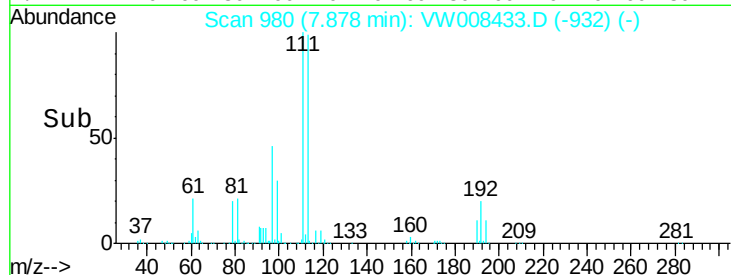
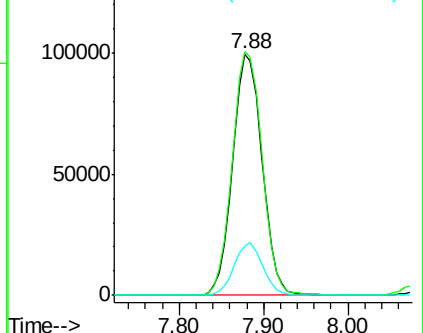
192 21.3 16.8 25.2



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: 18.404 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

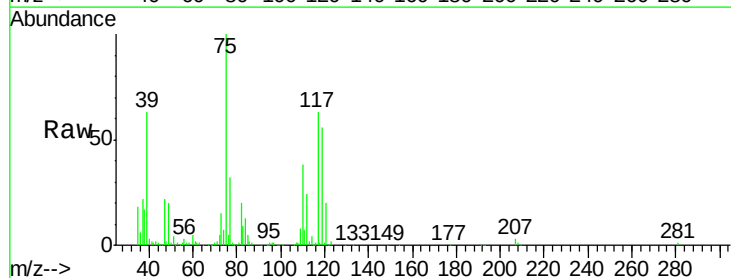
Tgt Ion: 75 Resp: 131651

Ion Ratio Lower Upper

75 100

110 36.1 17.3 52.0

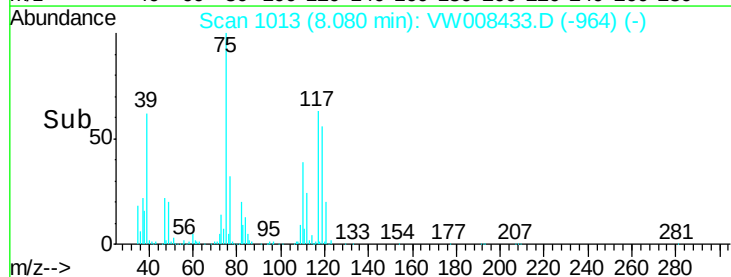
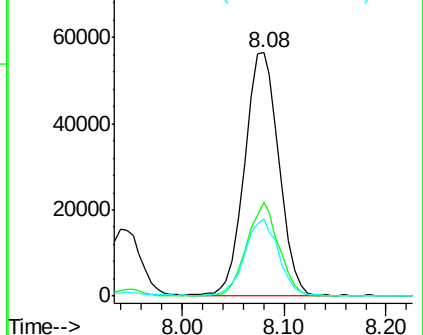
77 31.2 24.7 37.1

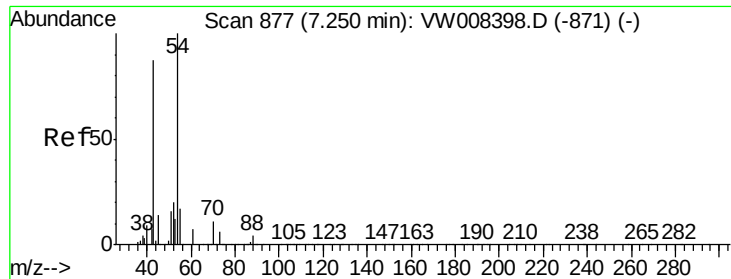


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

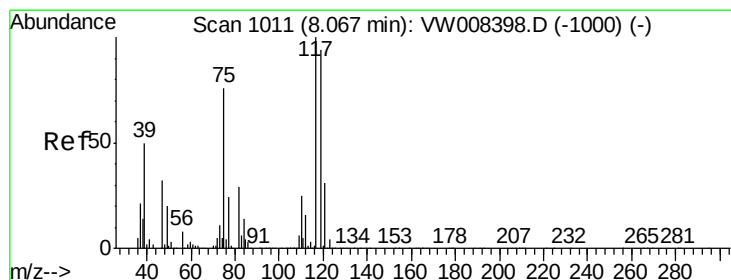
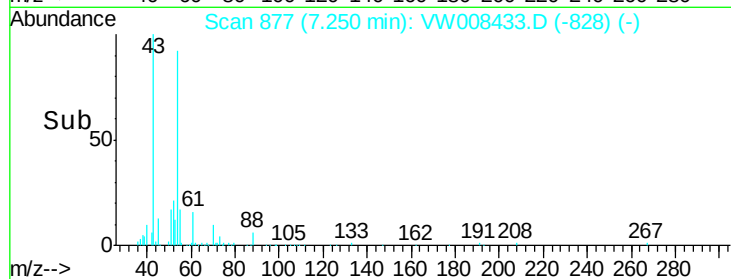
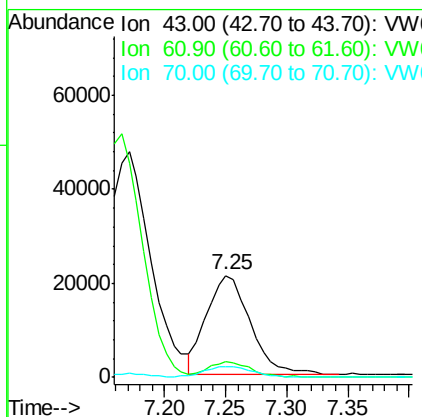
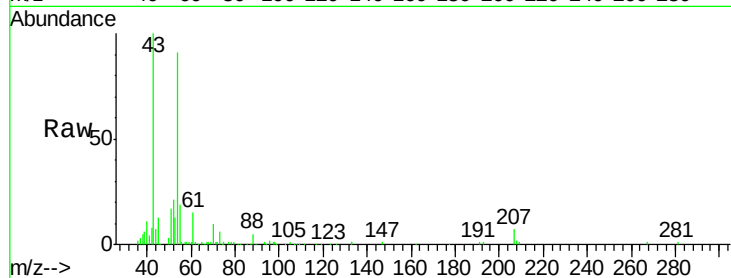




#37
Ethyl Acetate
Concen: 16.480 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

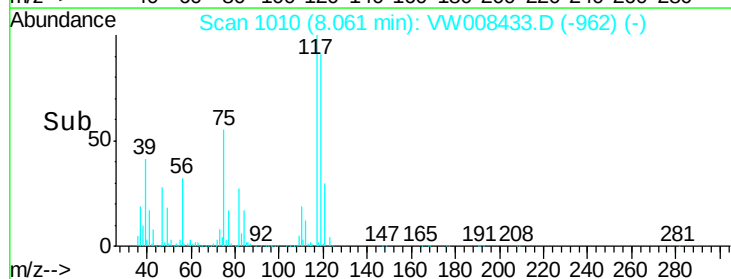
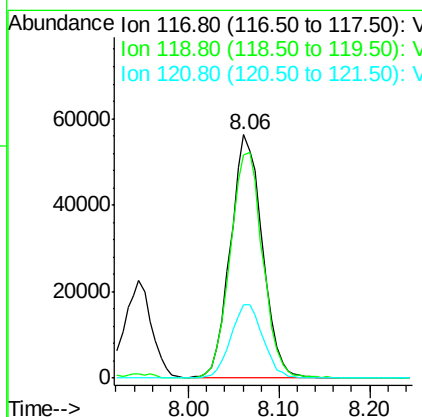
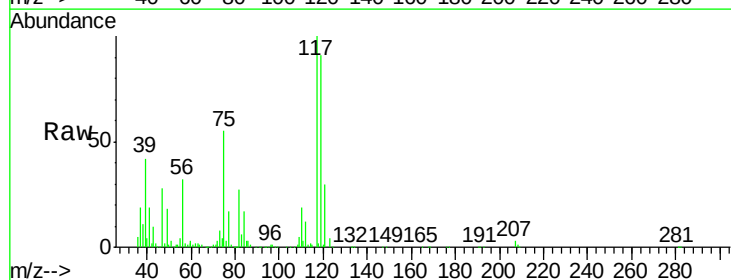
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

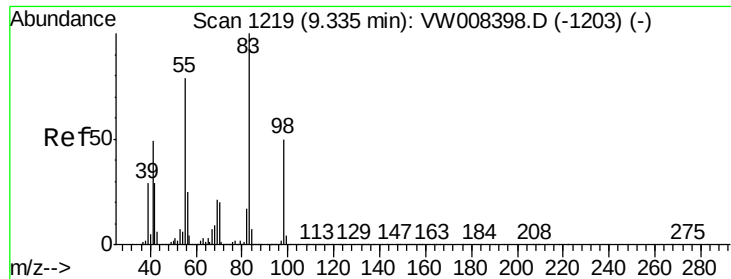
Tgt Ion: 43 Resp: 52155
Ion Ratio Lower Upper
43 100
61 15.9 10.1 15.1#
70 11.7 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 19.030 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 117 Resp: 136981
Ion Ratio Lower Upper
117 100
119 91.4 75.0 112.4
121 30.3 24.9 37.3

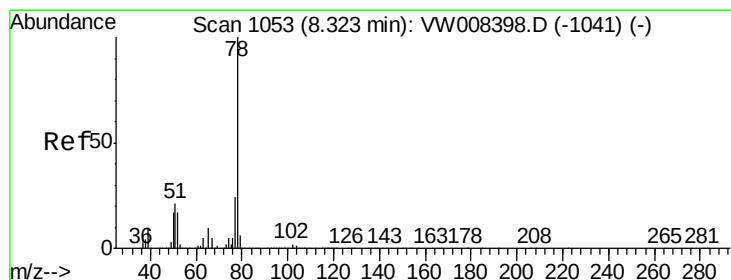
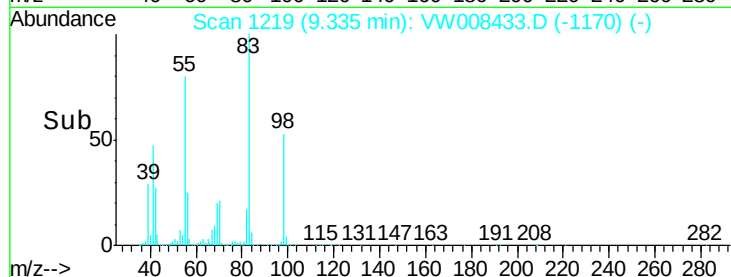
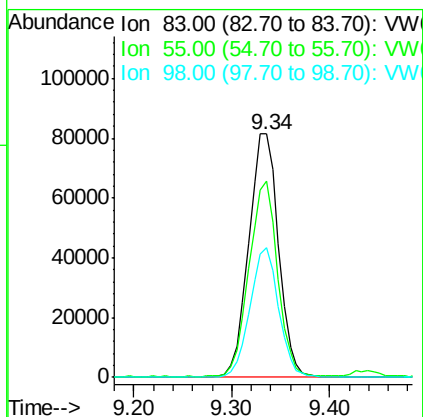
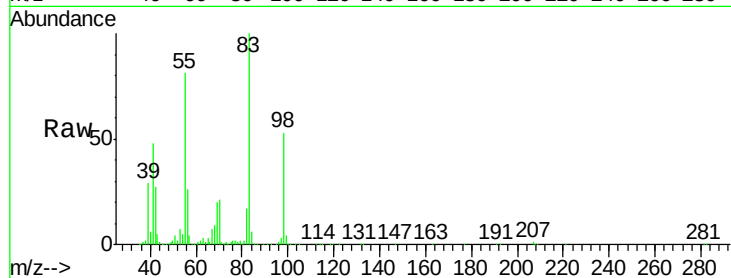




#39
Methylcyclohexane
Concen: 18.236 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

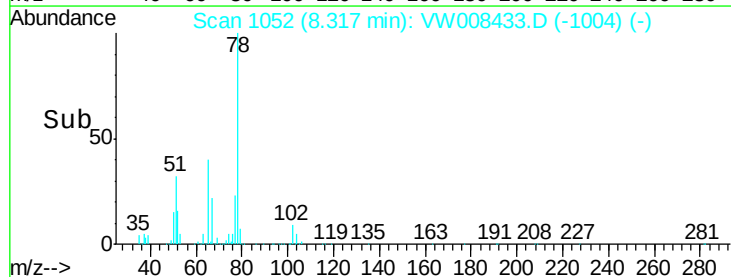
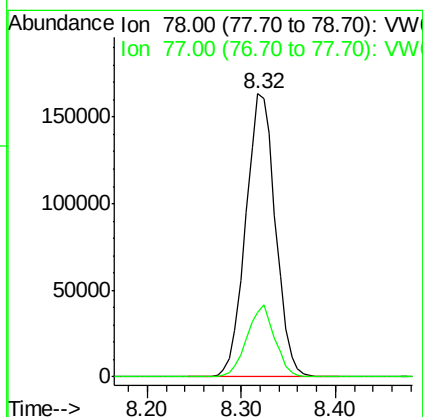
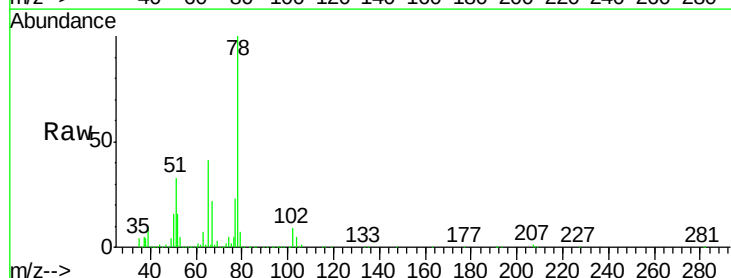
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

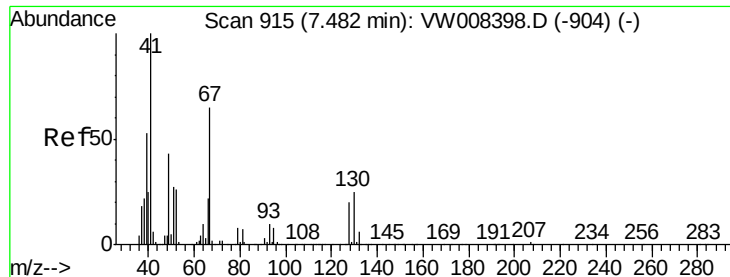
Tgt Ion: 83 Resp: 171362
Ion Ratio Lower Upper
83 100
55 80.3 63.3 94.9
98 53.2 39.7 59.5



#40
Benzene
Concen: 18.240 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 78 Resp: 362060
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6

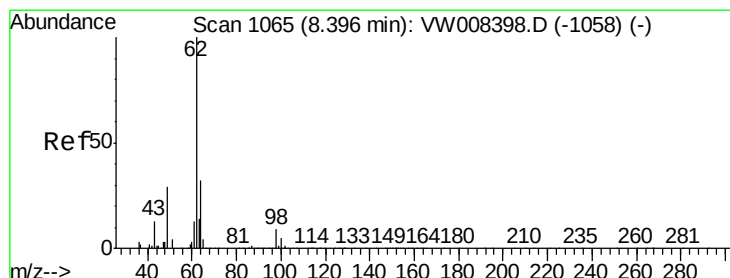
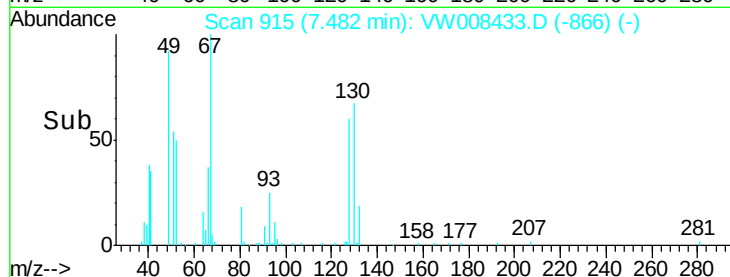
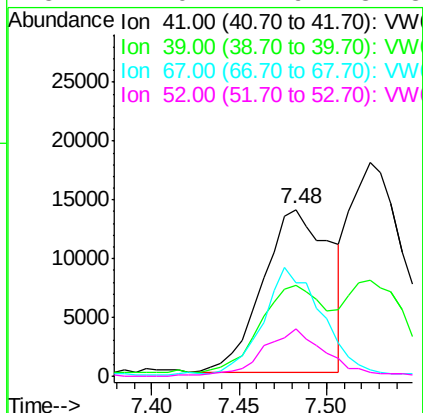
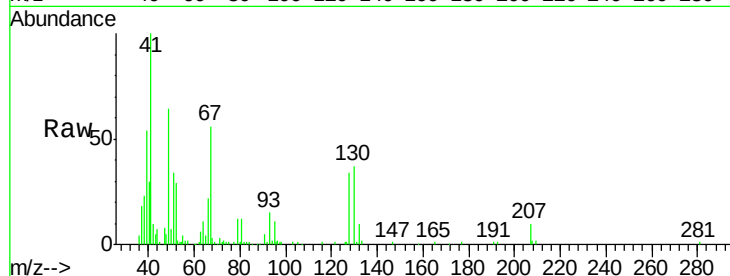




#41
Methacrylonitrile
Concen: 19.927 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

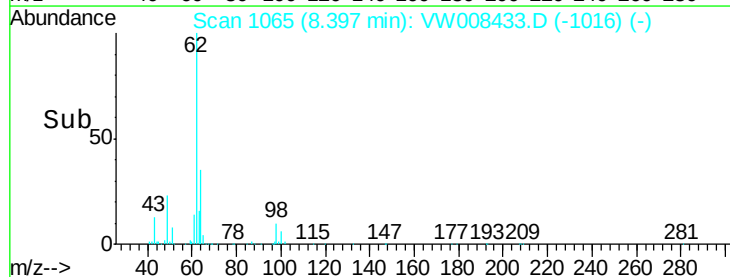
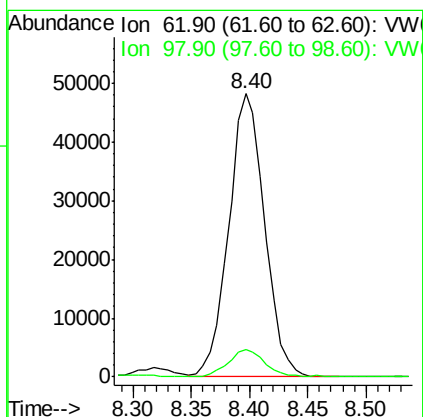
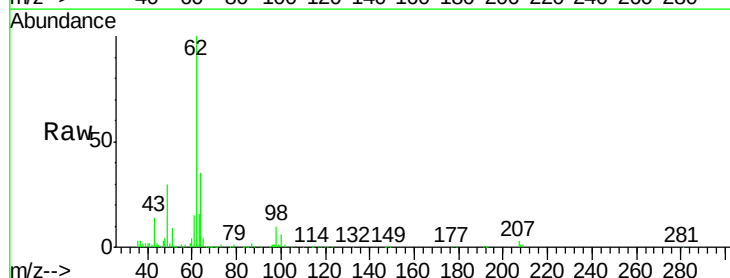
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

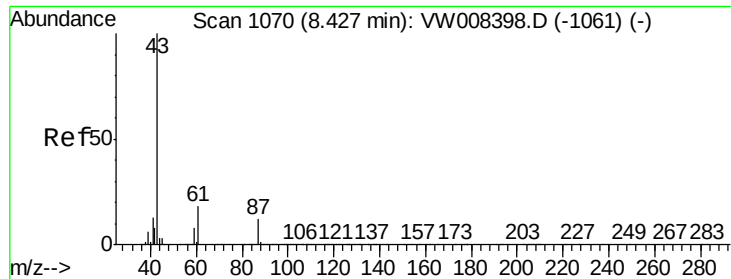
Tgt Ion:	41	Resp:	37343
Ion	Ratio	Lower	Upper
41	100		
39	49.0	43.4	65.0
67	56.7	54.2	81.2
52	27.0	22.9	34.3



#42
1,2-Dichloroethane
Concen: 17.885 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion:	62	Resp:	102882
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 16.754 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

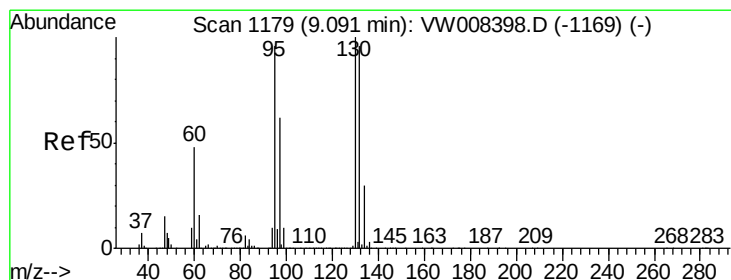
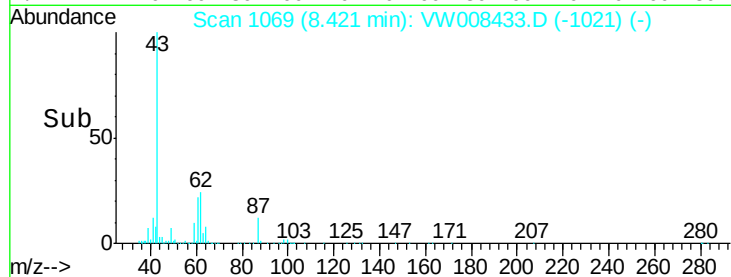
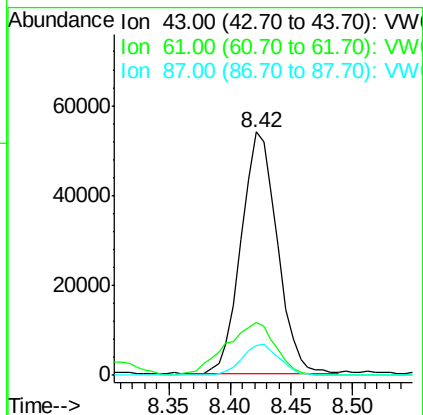
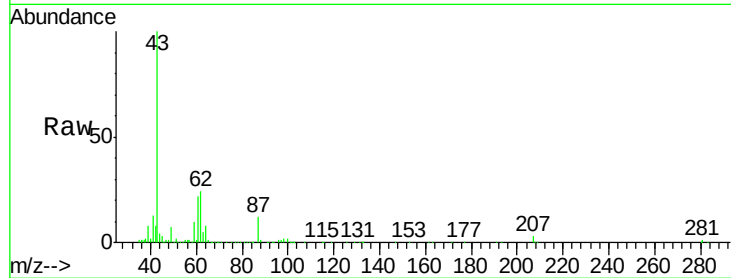
Tgt Ion: 43 Resp: 110161

Ion Ratio Lower Upper

43 100

61 29.8 22.0 33.0

87 13.3 9.3 13.9



#44

Trichloroethene

Concen: 19.270 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008433.D

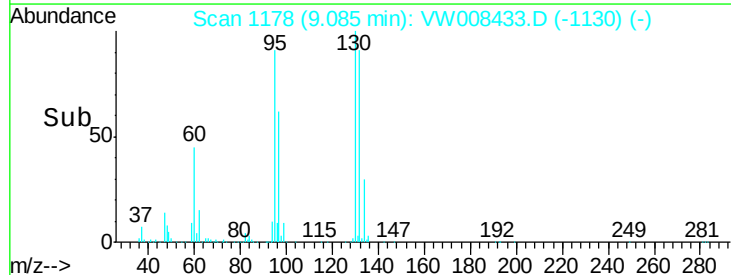
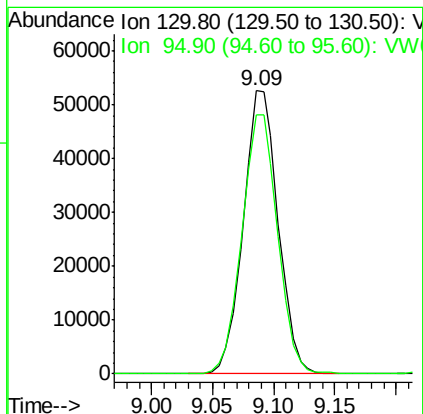
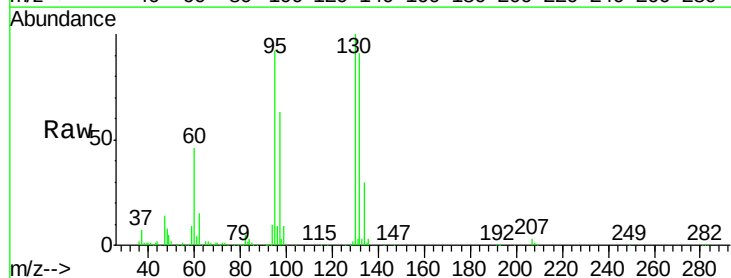
Acq: 28 Jan 2019 12:20

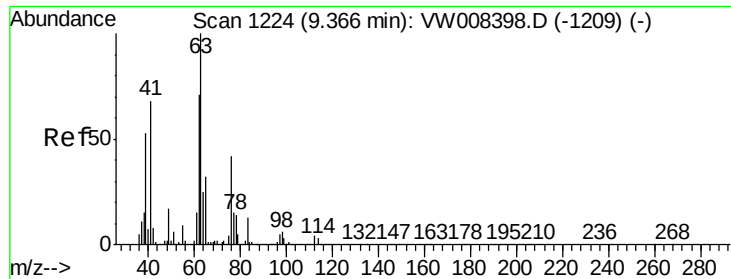
Tgt Ion: 130 Resp: 104016

Ion Ratio Lower Upper

130 100

95 91.7 0.0 191.6

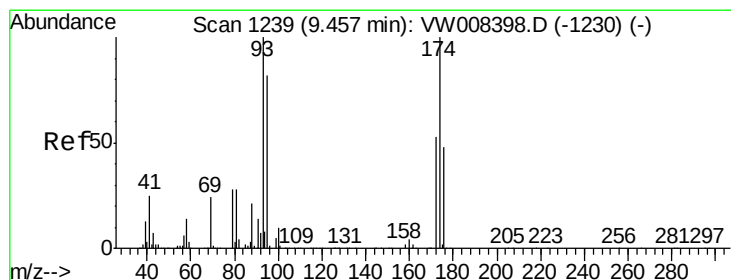
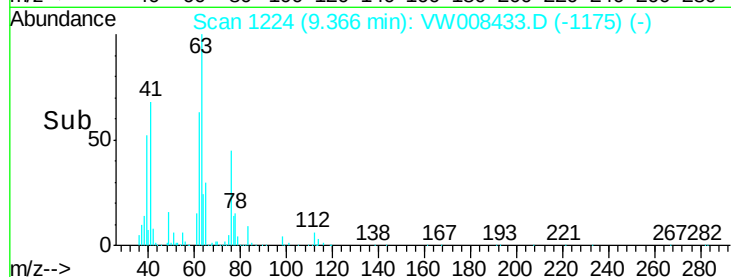
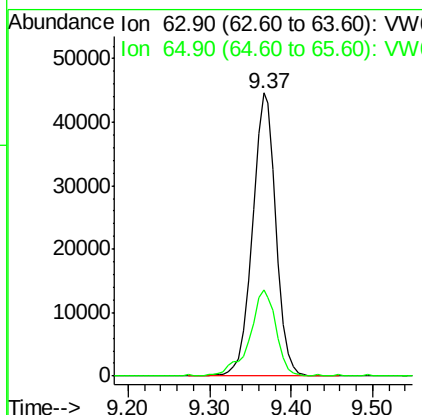
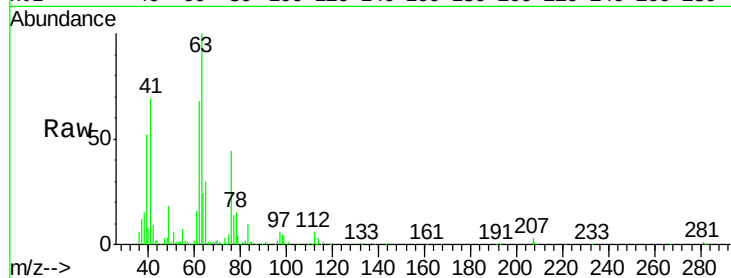




#45
 1,2-Dichloropropane
 Concen: 18.121 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

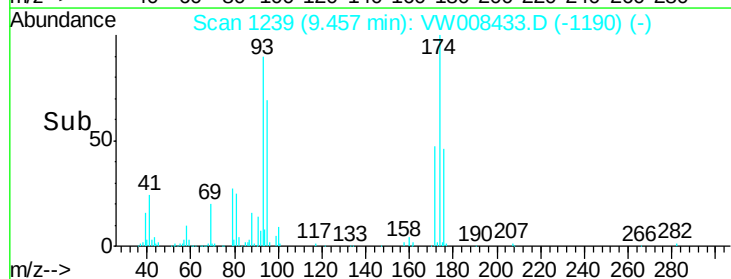
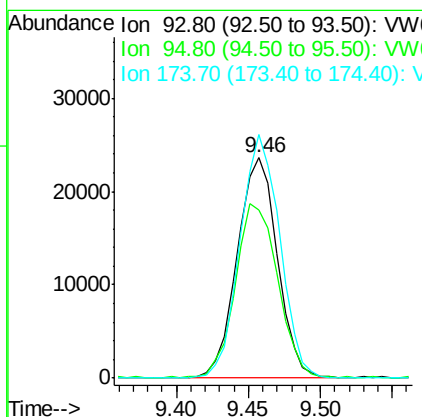
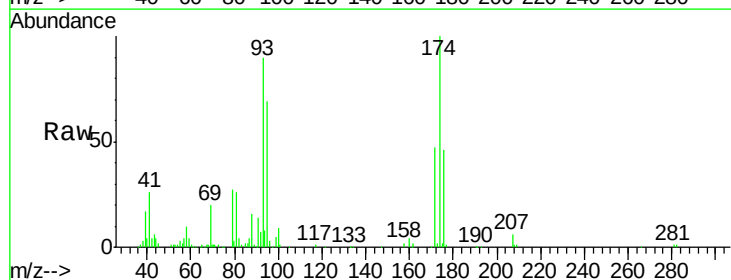
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

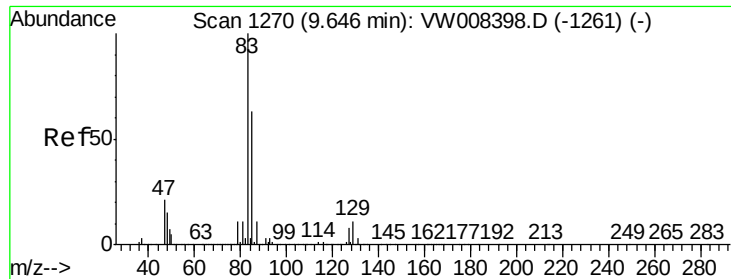
Tgt Ion: 63 Resp: 89687
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.2 37.8



#46
 Dibromomethane
 Concen: 17.964 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion: 93 Resp: 45728
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 109.4 81.0 121.6





#47

Bromodichloromethane

Concen: 18.176 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

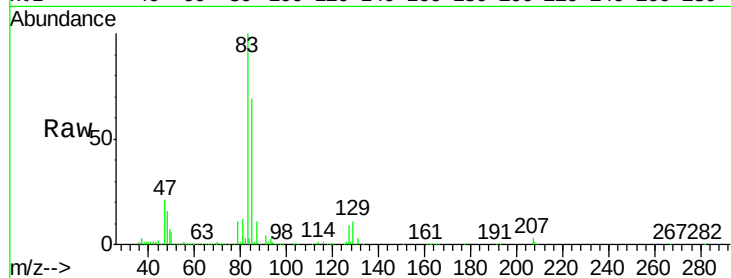
Tgt Ion: 83 Resp: 122378

Ion Ratio Lower Upper

83 100

85 68.5 50.8 76.2

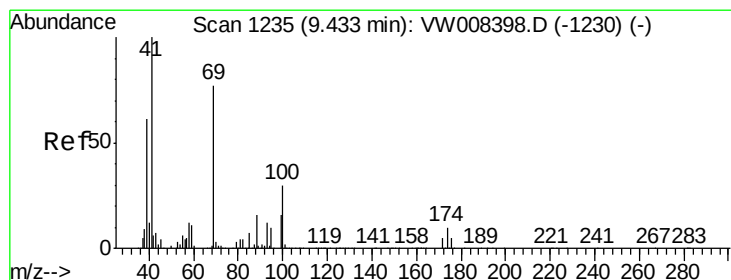
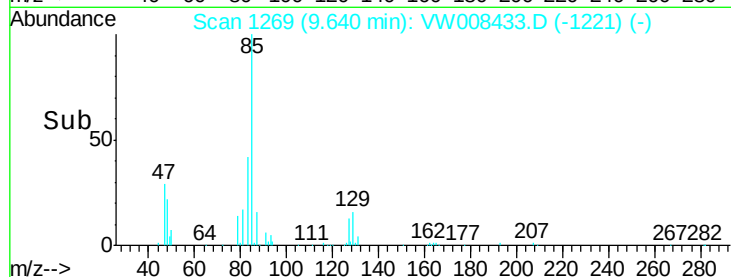
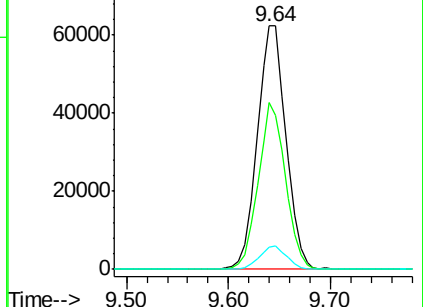
127 8.9 6.8 10.2



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: 16.918 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

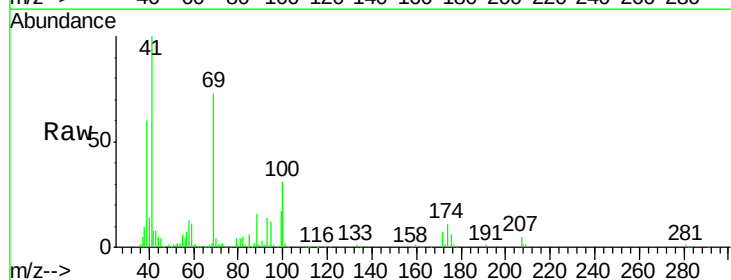
Tgt Ion: 41 Resp: 54391

Ion Ratio Lower Upper

41 100

69 79.1 64.8 97.2

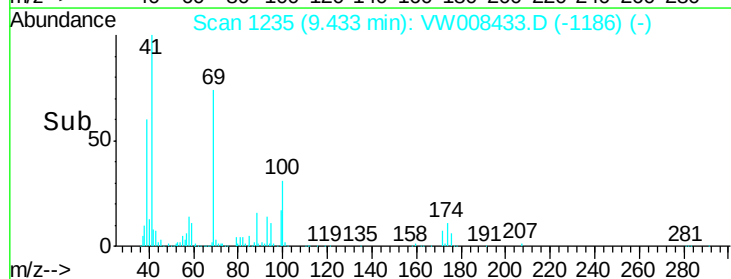
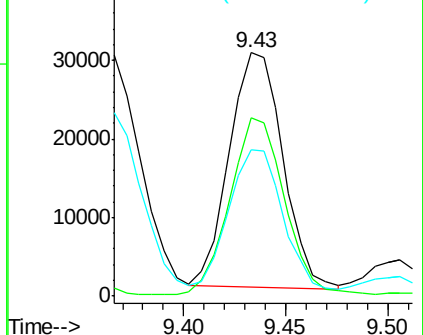
39 59.7 49.1 73.7

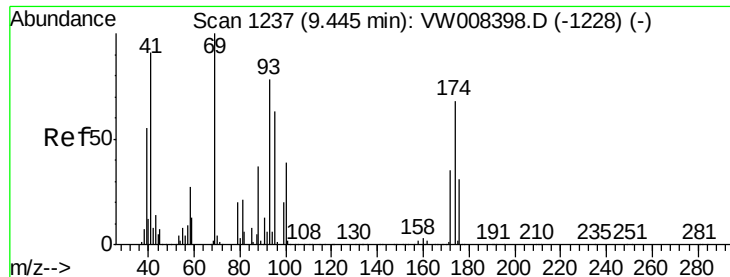


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

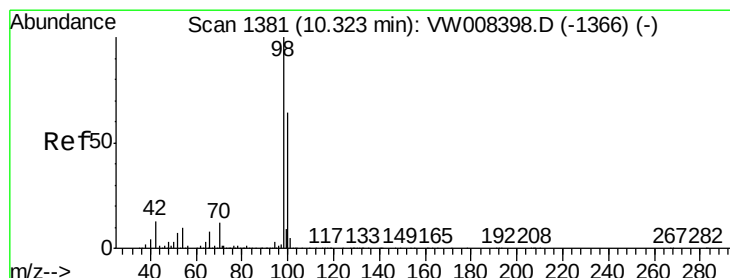
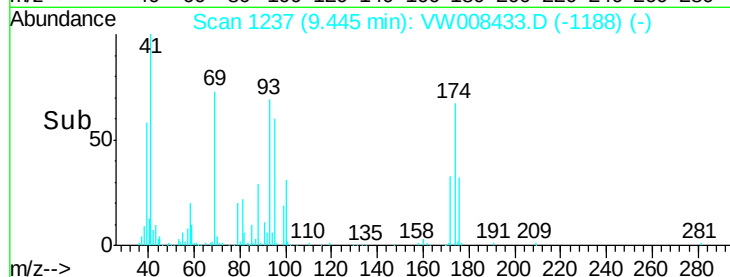
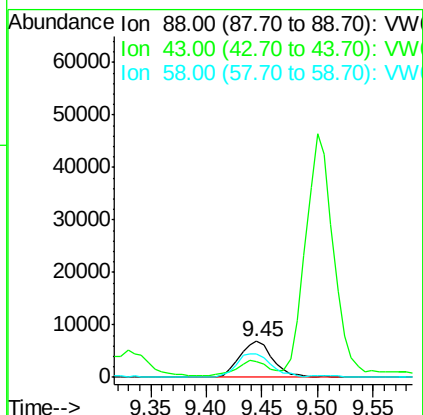
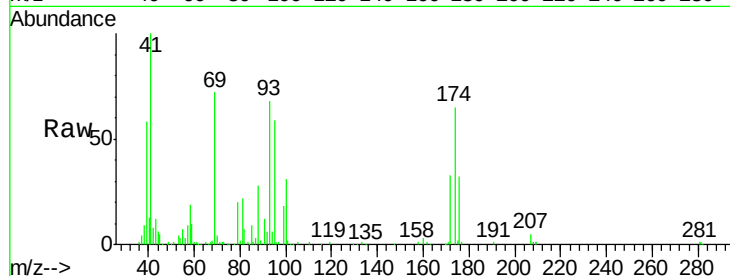




#49
1,4-Dioxane
Concen: 335.385 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

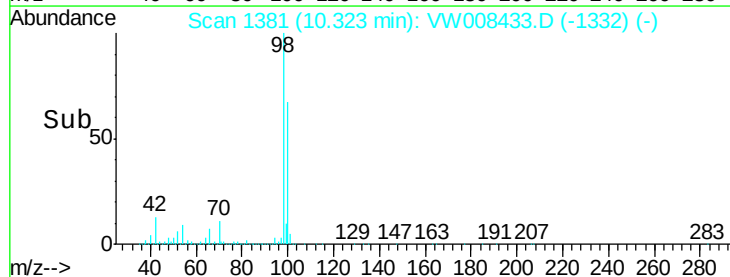
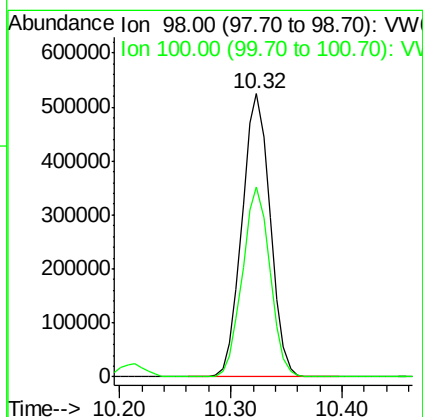
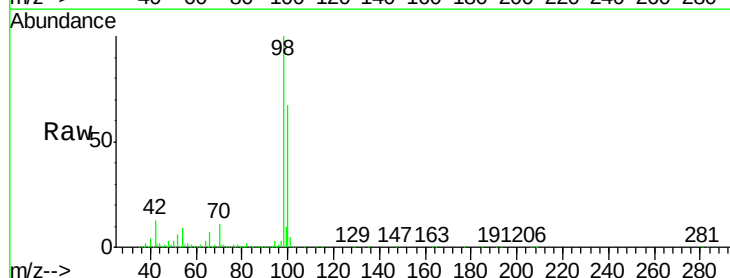
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

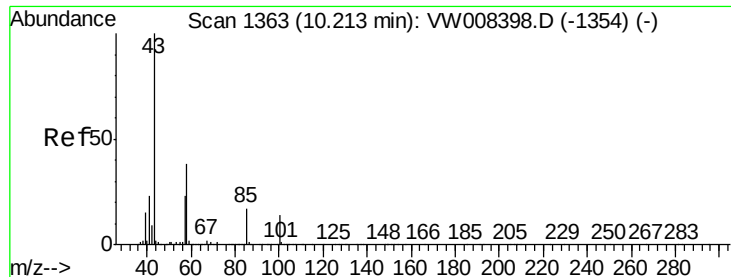
Tgt Ion: 88 Resp: 14431
Ion Ratio Lower Upper
88 100
43 37.1 29.0 43.4
58 68.6 56.4 84.6



#50
Toluene-d8
Concen: 51.819 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 98 Resp: 920123
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

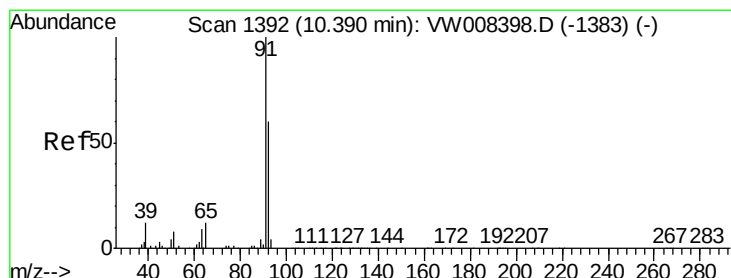
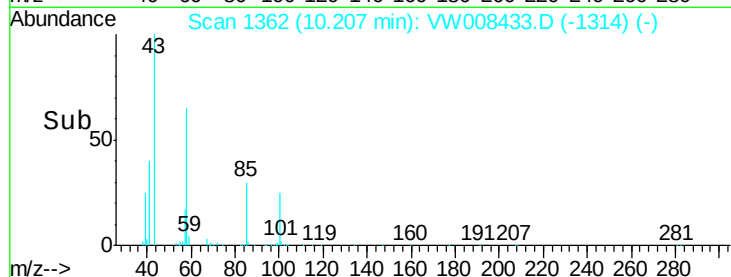
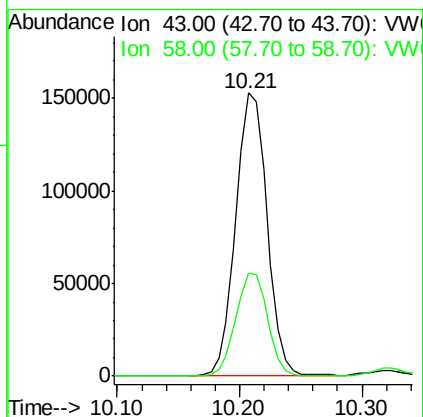
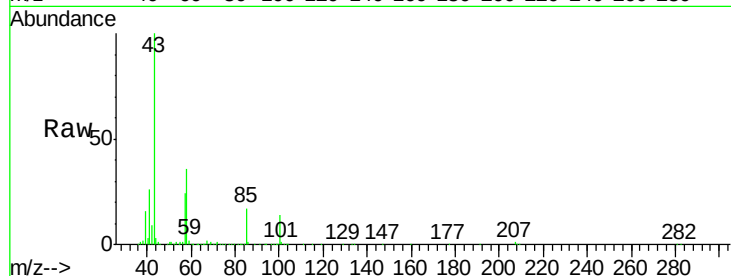




#51
4-Methyl-2-Pentanone
Concen: 83.067 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

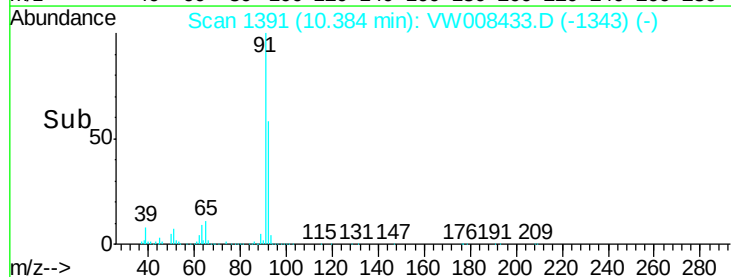
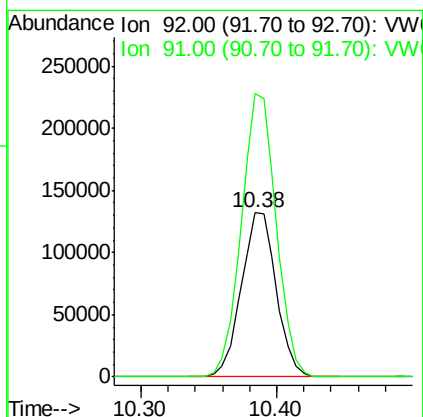
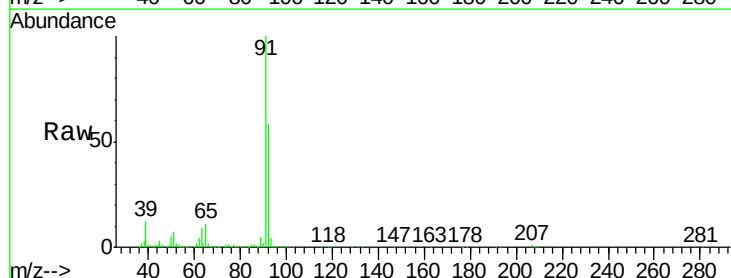
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

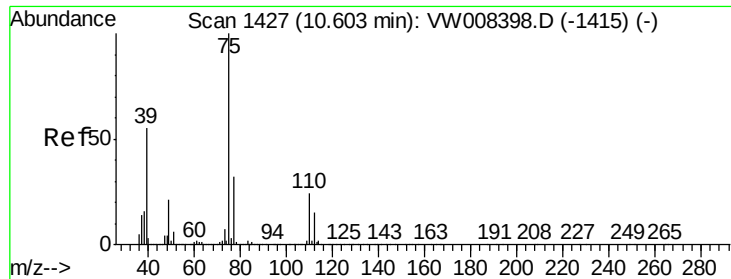
Tgt Ion: 43 Resp: 269822
Ion Ratio Lower Upper
43 100
58 37.4 29.7 44.5



#52
Toluene
Concen: 18.012 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 92 Resp: 236006
Ion Ratio Lower Upper
92 100
91 172.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.592 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

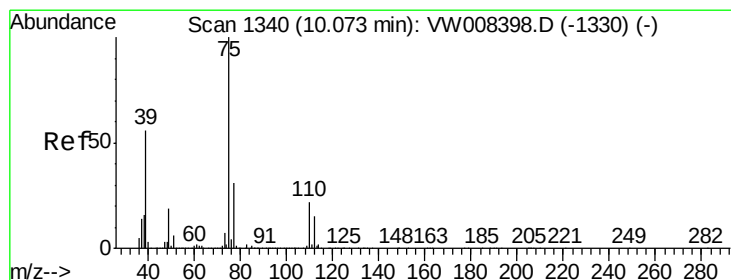
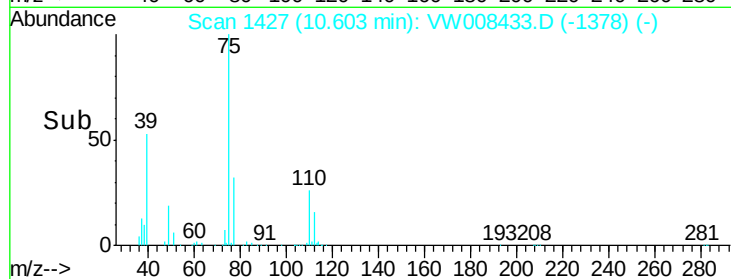
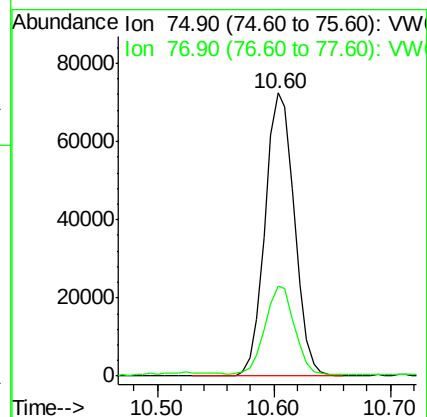
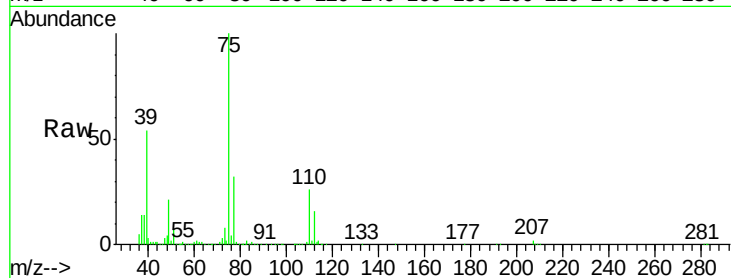
VW0128SBSD01

Tgt Ion: 75 Resp: 126039

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.054 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

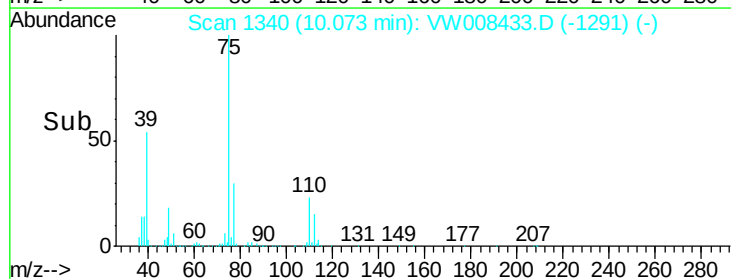
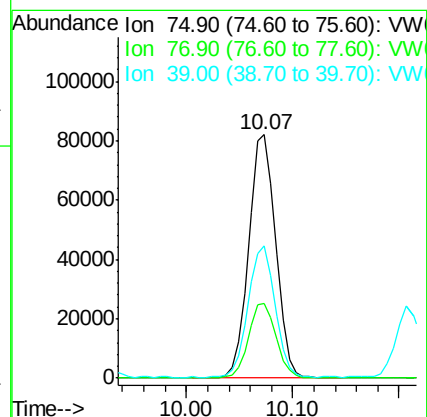
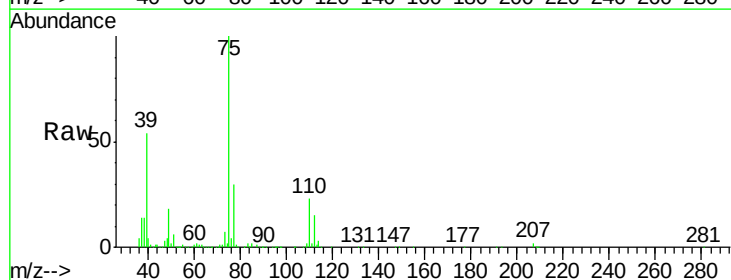
Tgt Ion: 75 Resp: 146791

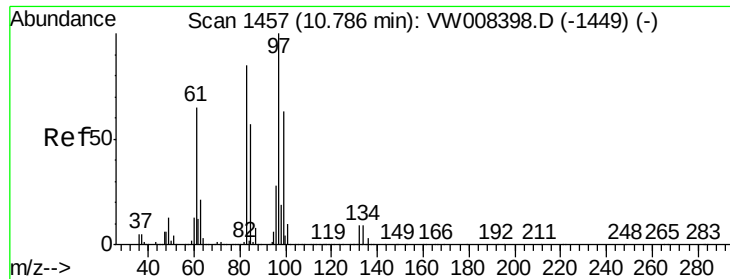
Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.4

39 53.8 44.9 67.3

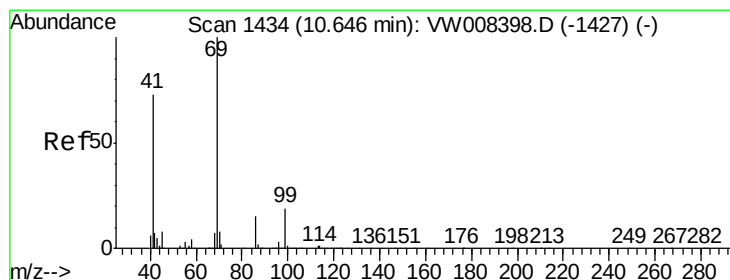
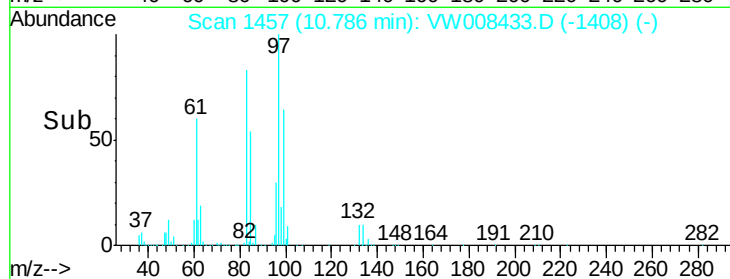
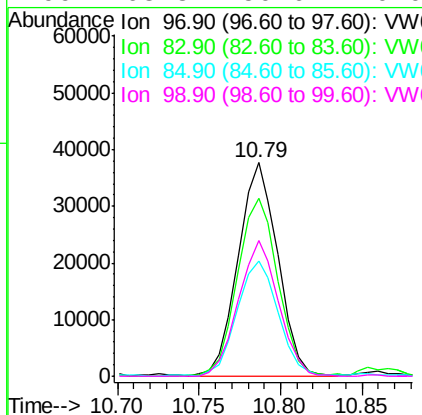
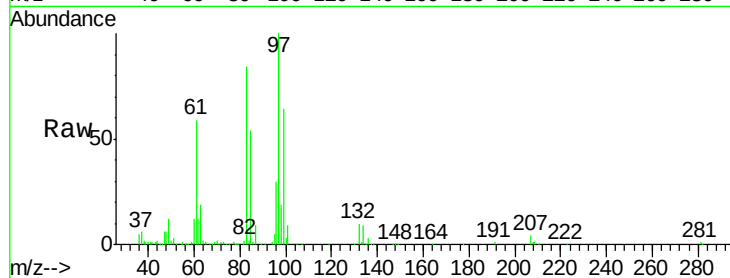




#55
 1,1,2-Trichloroethane
 Concen: 17.930 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

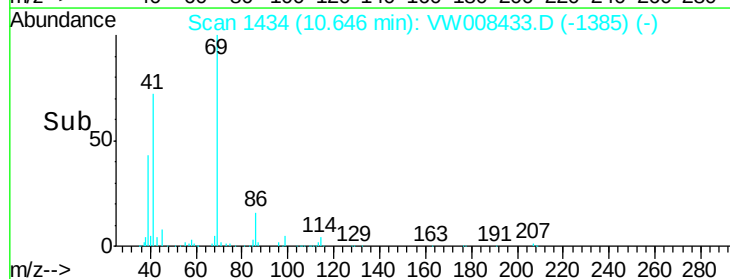
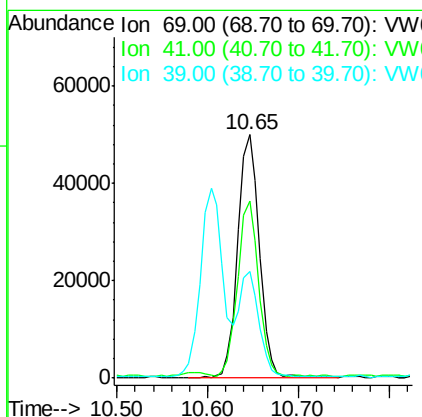
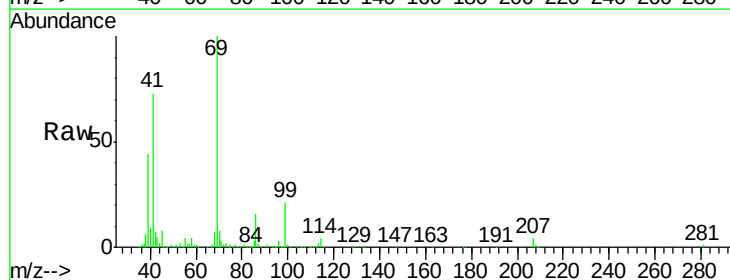
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

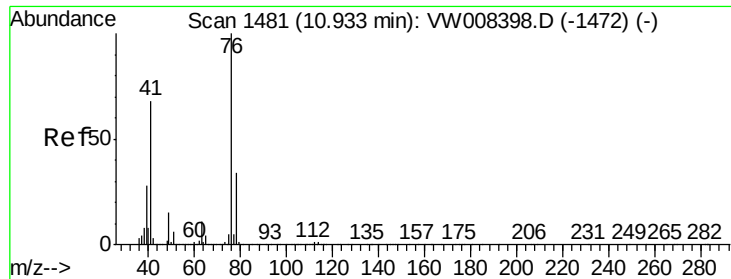
Tgt Ion:	97	Resp:	63310
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.4	102.6
85	53.9	45.3	67.9
99	63.8	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 16.750 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion:	69	Resp:	82873
Ion	Ratio	Lower	Upper
69	100		
41	69.8	58.7	88.1
39	39.7	32.6	48.8

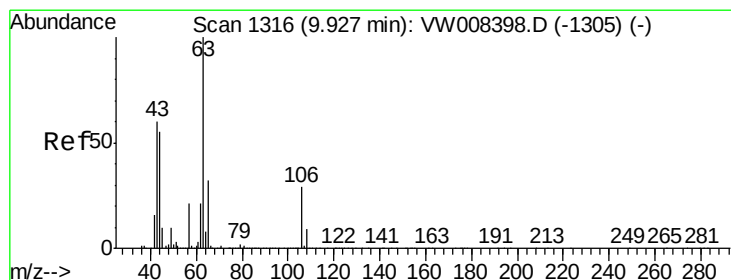
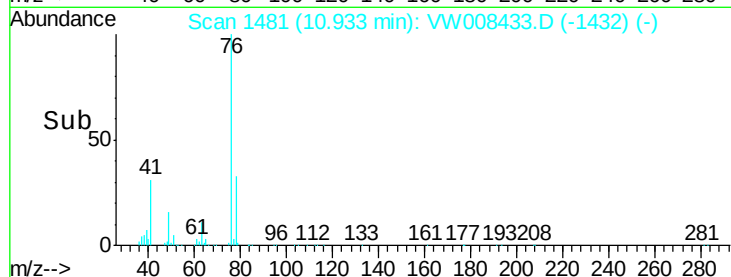
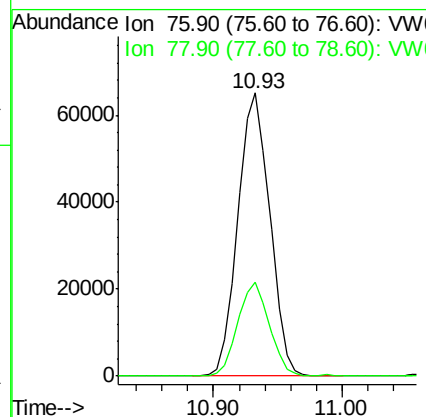
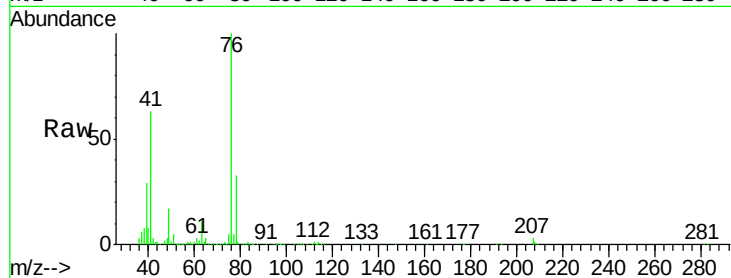




#57
 1,3-Dichloropropane
 Concen: 17.730 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

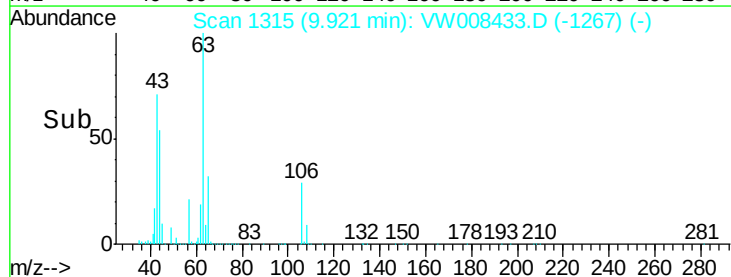
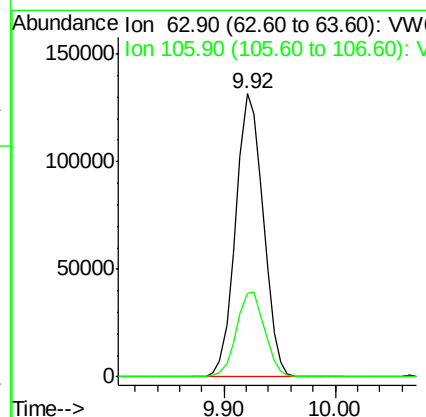
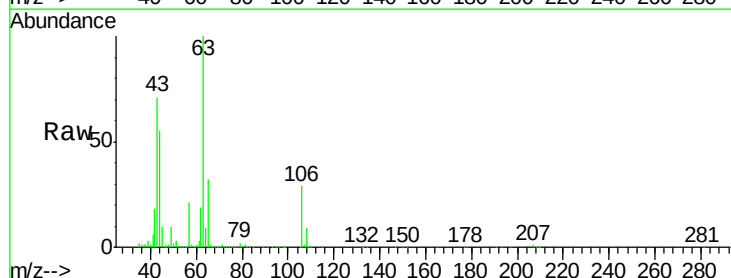
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

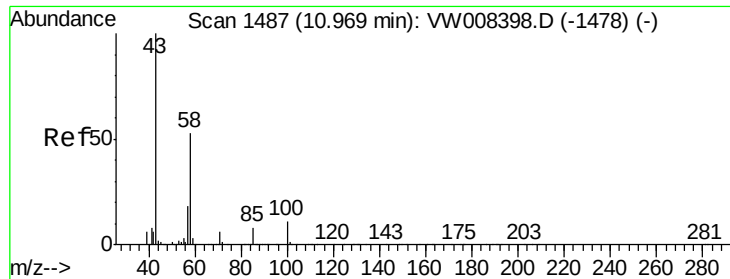
Tgt Ion: 76 Resp: 112150
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.097 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion: 63 Resp: 226195
 Ion Ratio Lower Upper
 63 100
 106 30.5 22.4 33.6





#59

2-Hexanone

Concen: 83.212 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

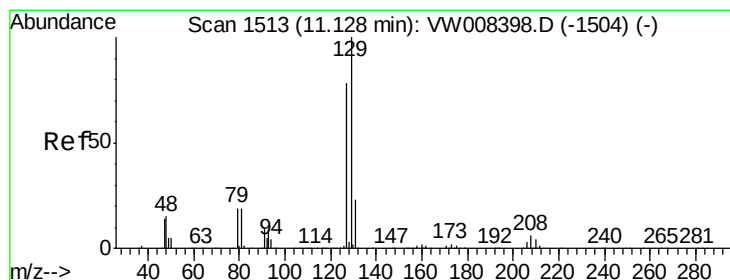
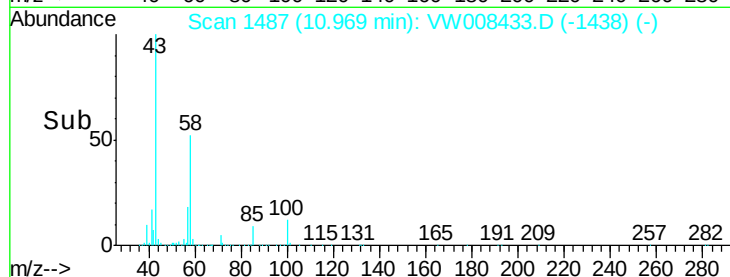
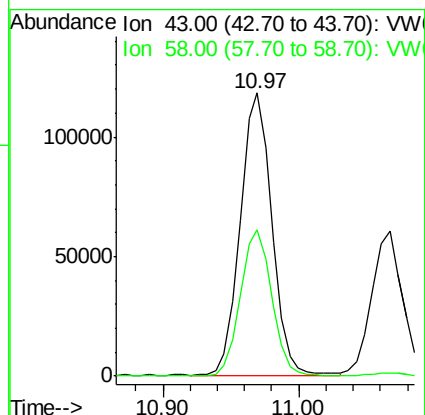
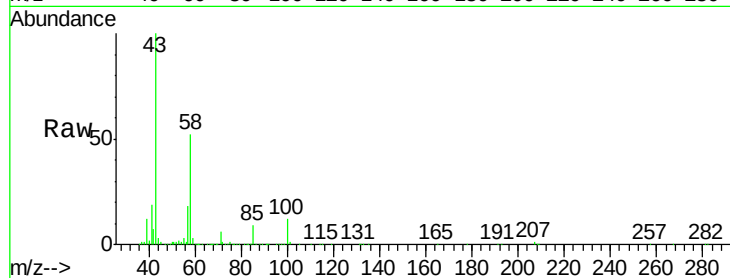
VW0128SBSD01

Tgt Ion: 43 Resp: 190816

Ion Ratio Lower Upper

43 100

58 51.6 25.9 77.7



#60

Dibromochloromethane

Concen: 18.130 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008433.D

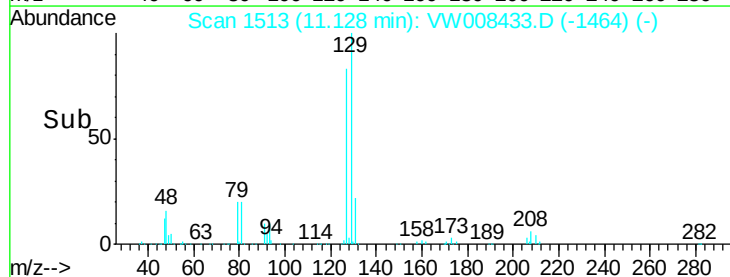
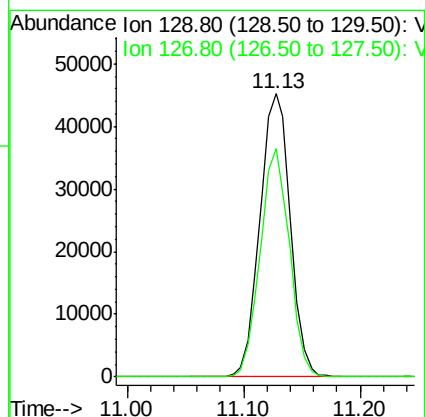
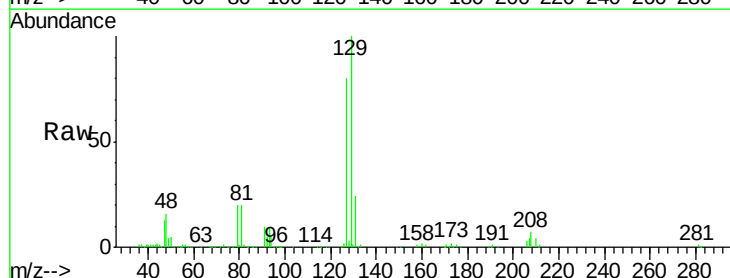
Acq: 28 Jan 2019 12:20

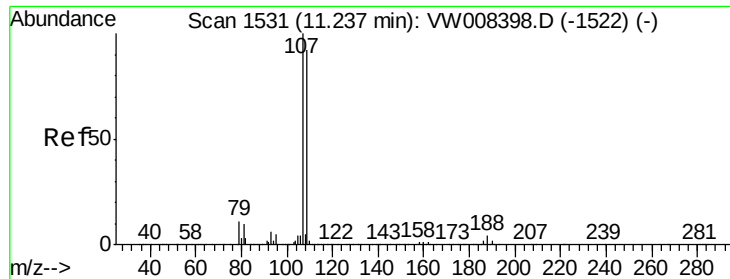
Tgt Ion: 129 Resp: 82264

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.2

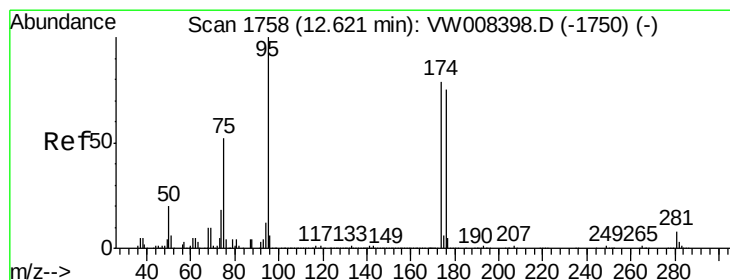
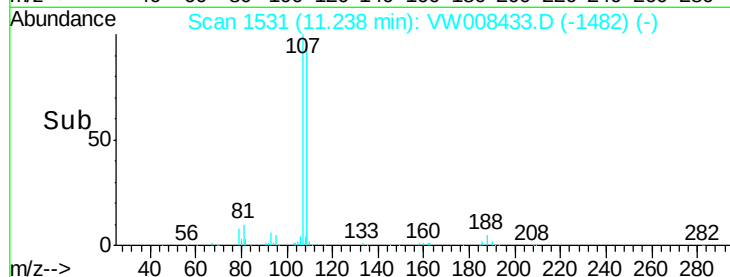
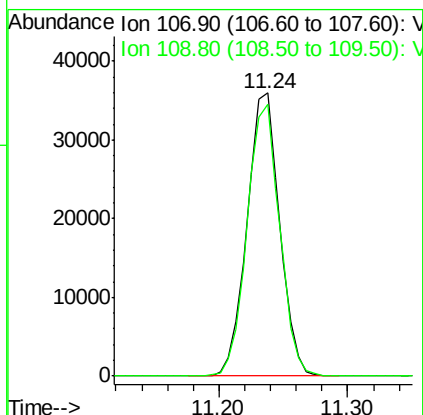
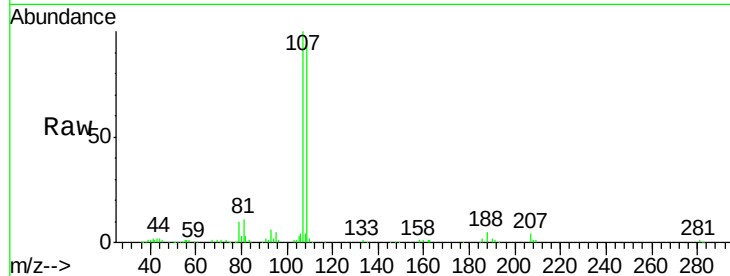




#61
 1,2-Dibromoethane
 Concen: 17.886 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

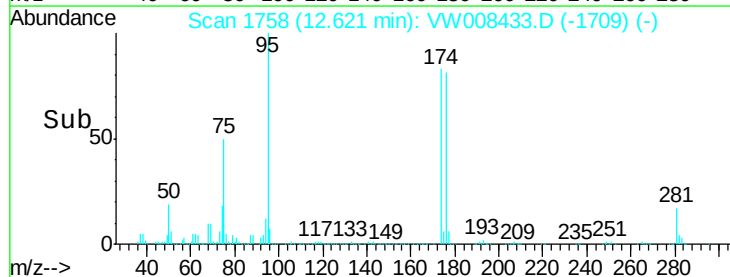
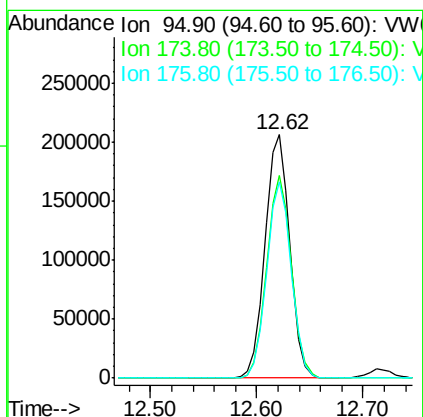
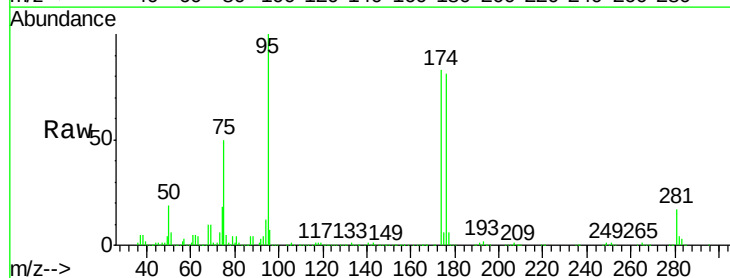
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

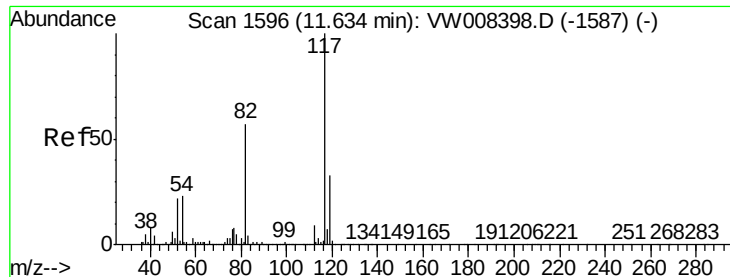
Tgt Ion: 107 Resp: 62620
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.090 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion: 95 Resp: 335054
 Ion Ratio Lower Upper
 95 100
 174 83.1 0.0 157.6
 176 80.2 0.0 151.8

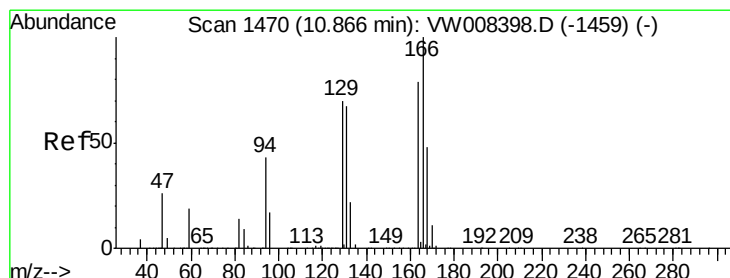
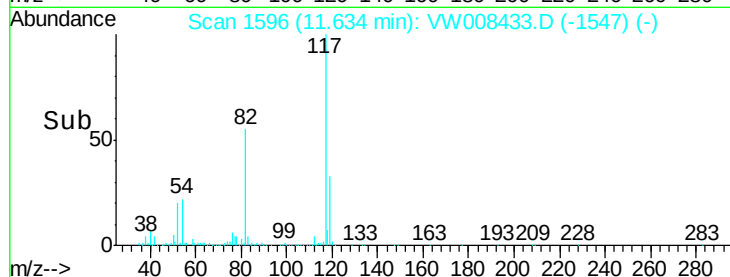
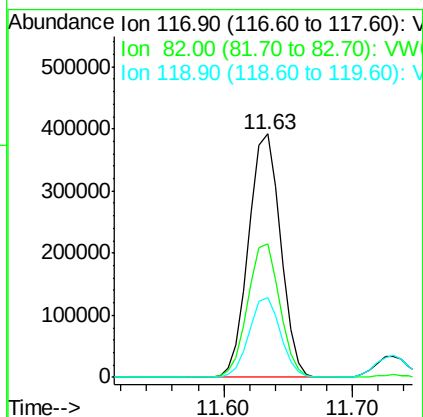
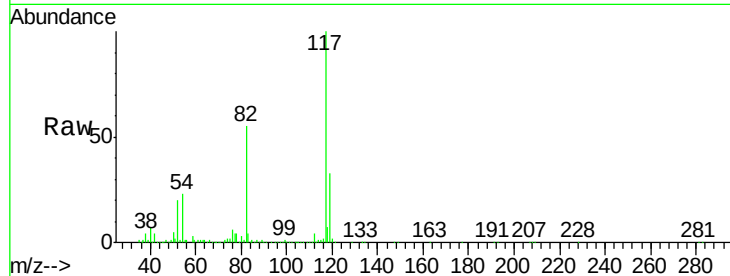




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

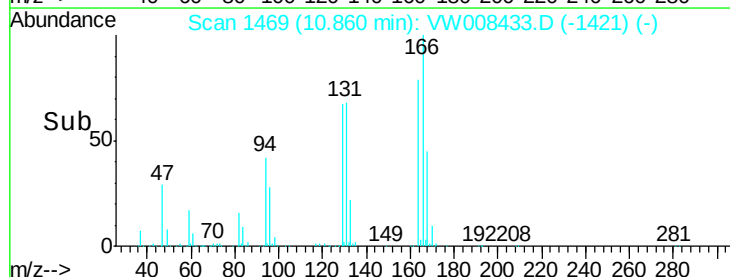
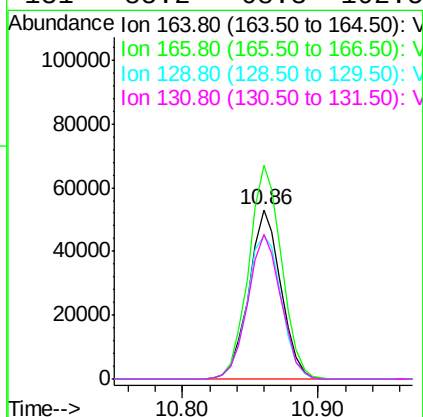
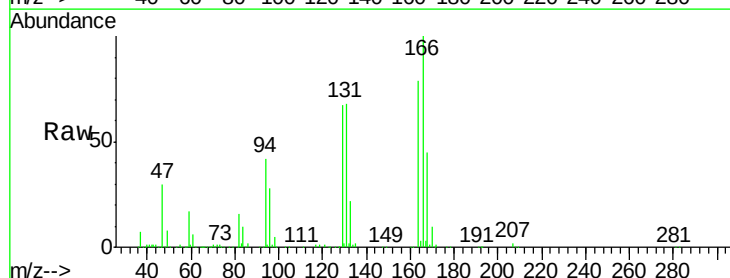
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

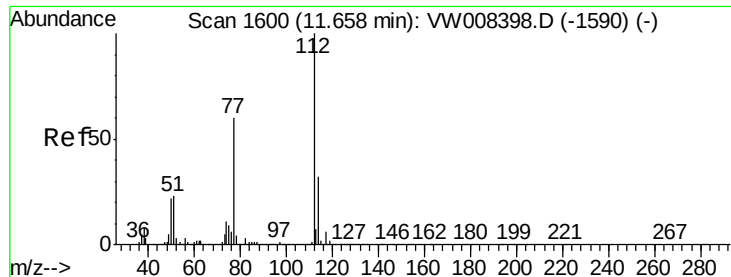
Tgt Ion:117 Resp: 672098
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 19.307 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion:164 Resp: 87855
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 84.5 71.0 106.6
131 85.2 68.3 102.5





#65

Chlorobenzene

Concen: 18.805 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

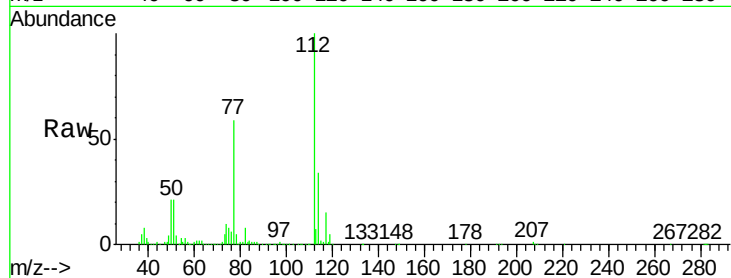
VW0128SBSD01

Tgt Ion:112 Resp: 258002

Ion Ratio Lower Upper

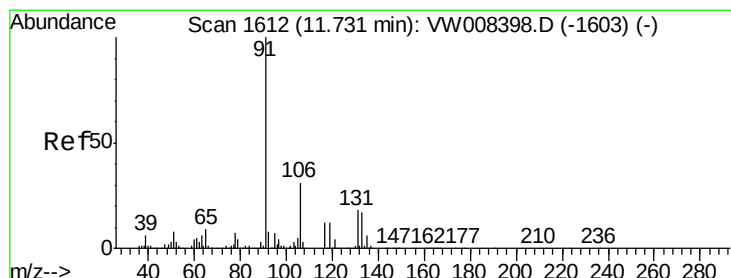
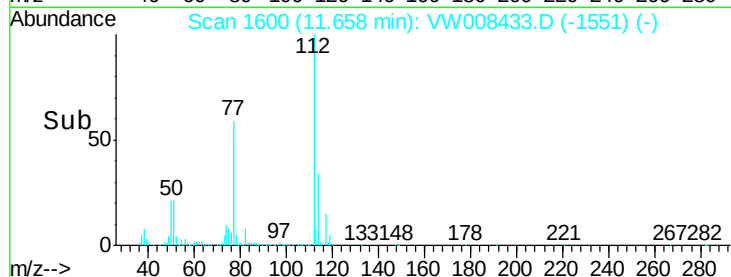
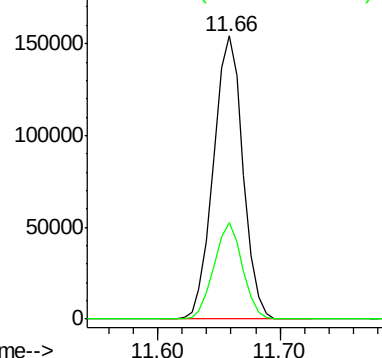
112 100

114 34.3 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.895 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

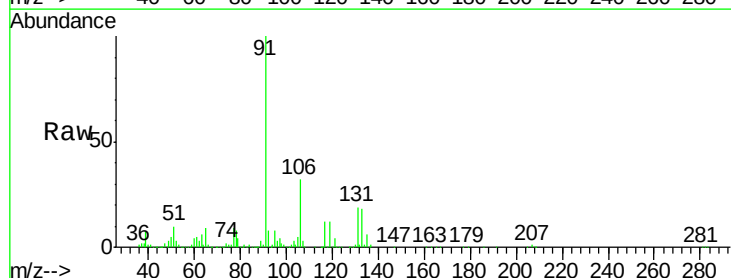
Tgt Ion:131 Resp: 92750

Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.2

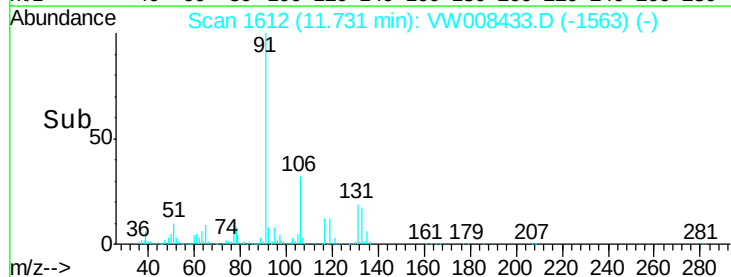
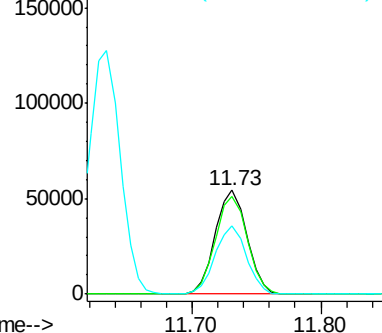
119 64.8 32.1 96.3

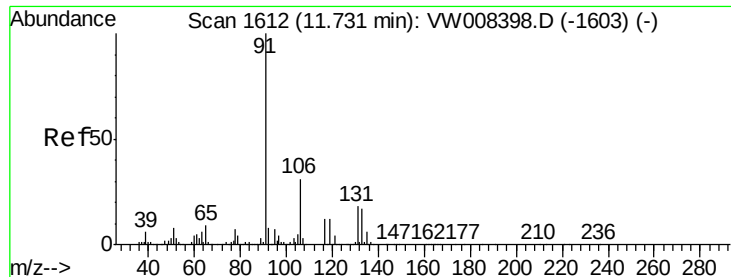


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.340 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

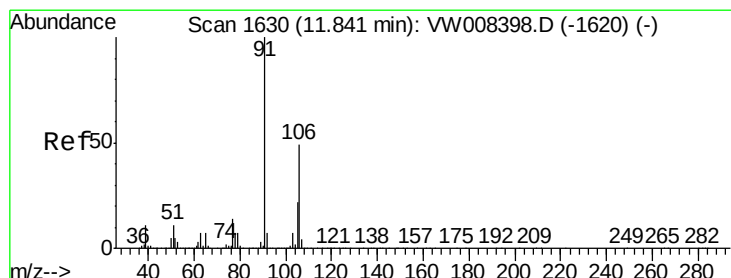
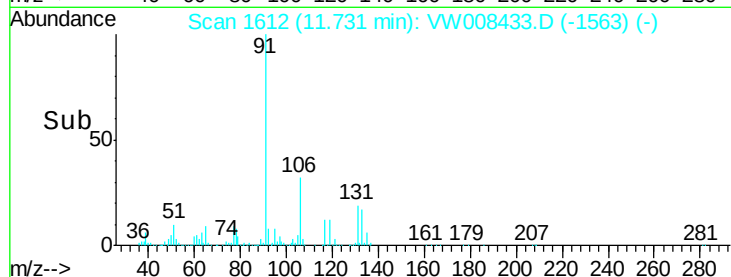
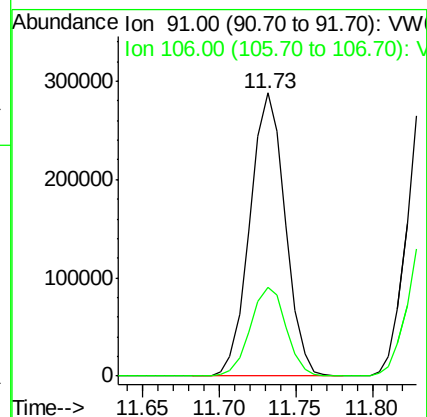
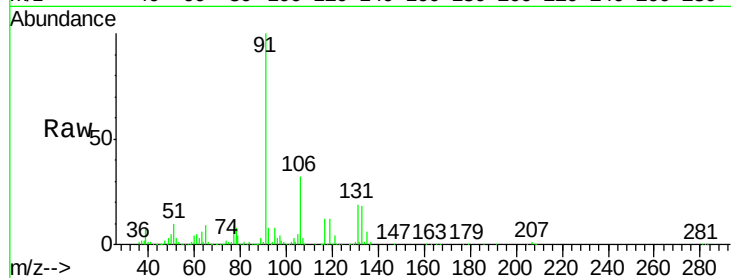
VW0128SBSD01

Tgt Ion: 91 Resp: 462534

Ion Ratio Lower Upper

91 100

106 31.5 24.7 37.1



#68

m/p-Xylenes

Concen: 36.665 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008433.D

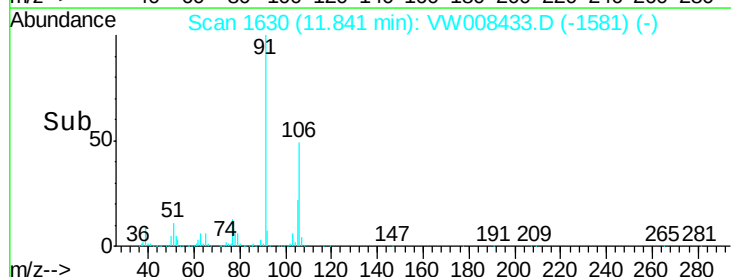
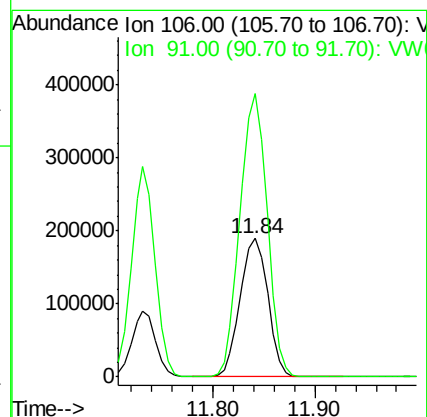
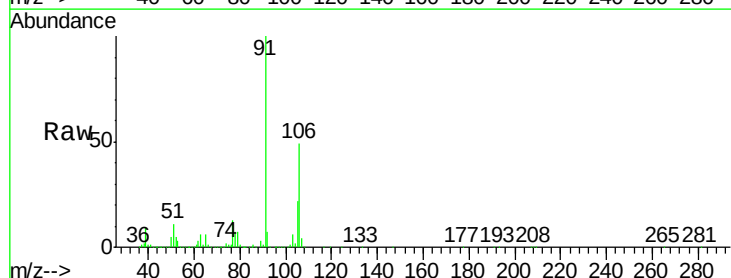
Acq: 28 Jan 2019 12:20

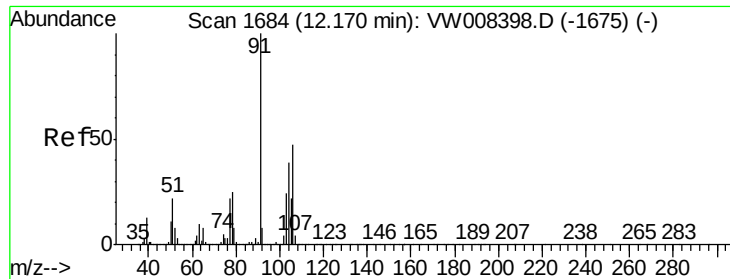
Tgt Ion: 106 Resp: 358771

Ion Ratio Lower Upper

106 100

91 200.3 162.9 244.3

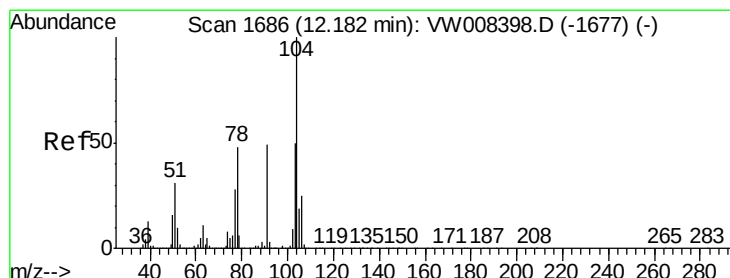
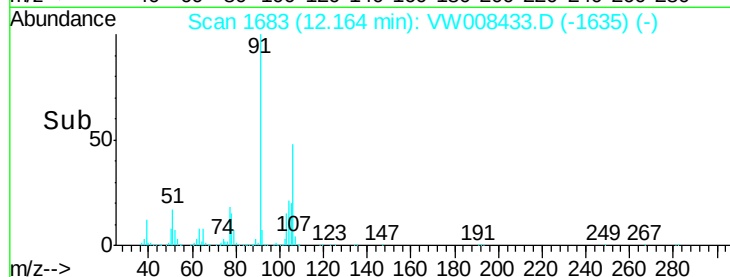
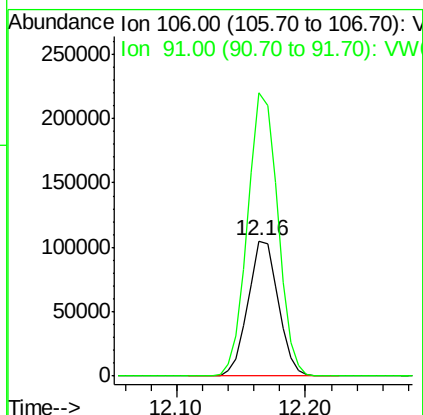
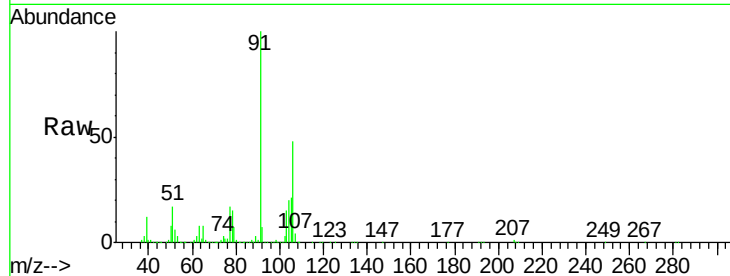




#69
o-Xylene
Concen: 18.269 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

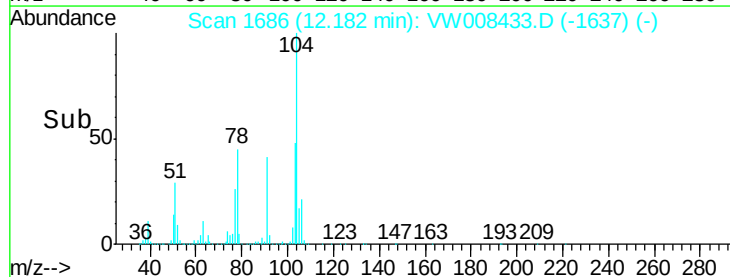
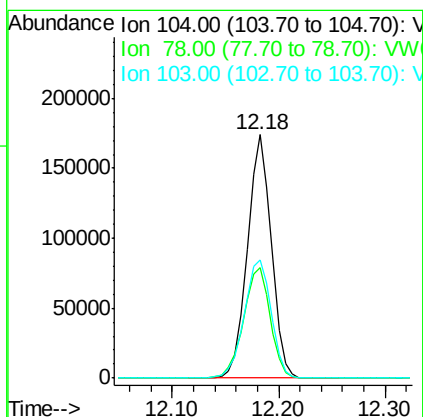
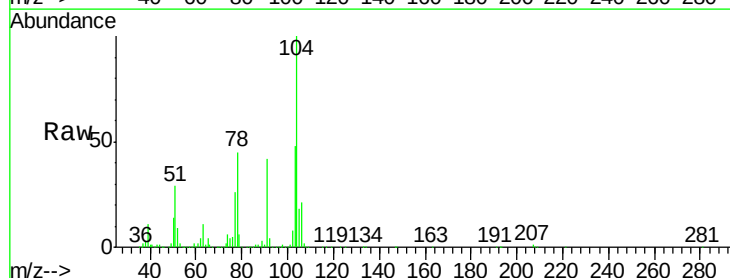
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

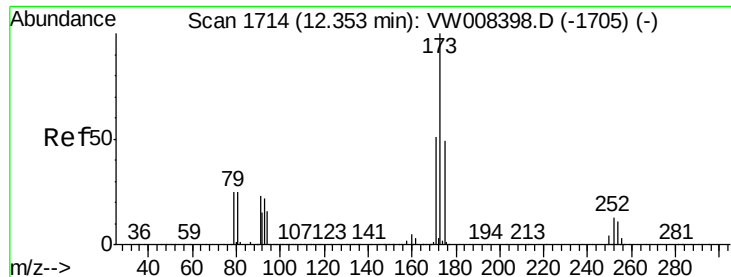
Tgt Ion:106 Resp: 169854
Ion Ratio Lower Upper
106 100
91 209.2 107.5 322.4



#70
Styrene
Concen: 17.881 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion:104 Resp: 274607
Ion Ratio Lower Upper
104 100
78 50.7 42.4 63.6
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.009 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

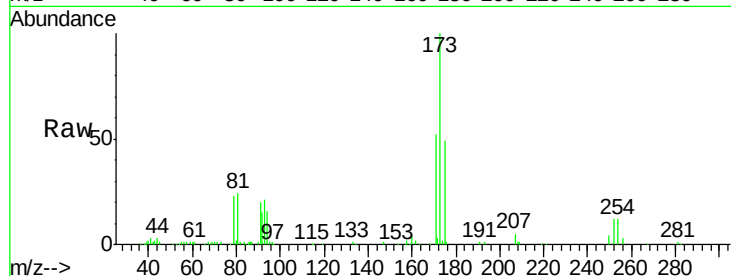
Tgt Ion:173 Resp: 49738

Ion Ratio Lower Upper

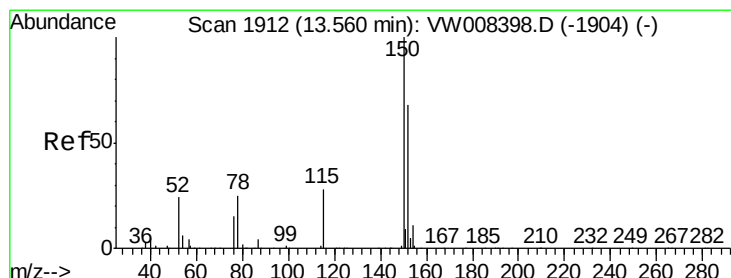
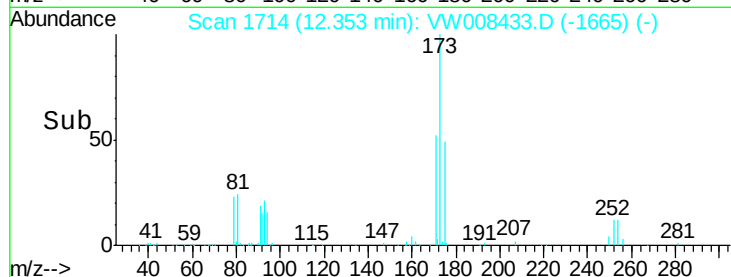
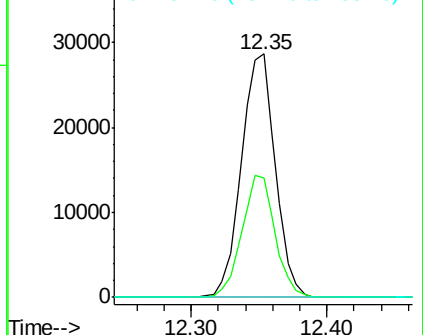
173 100

175 49.1 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: VW008433.D

Acq: 28 Jan 2019 12:20

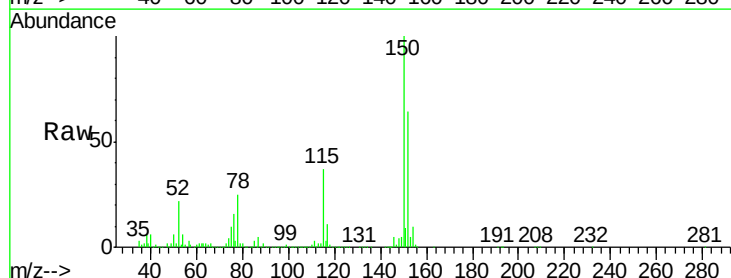
Tgt Ion:152 Resp: 345788

Ion Ratio Lower Upper

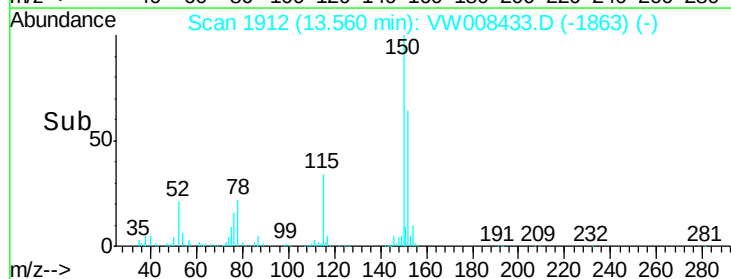
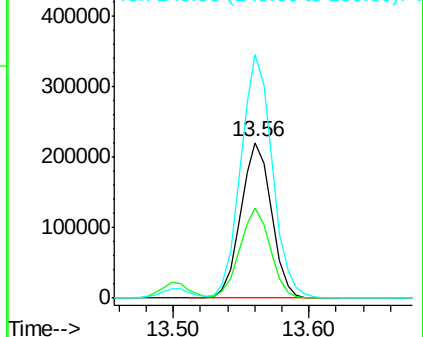
152 100

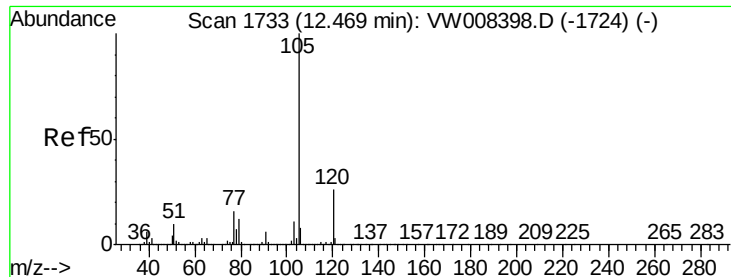
115 57.1 29.9 89.7

150 161.7 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: 18.289 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

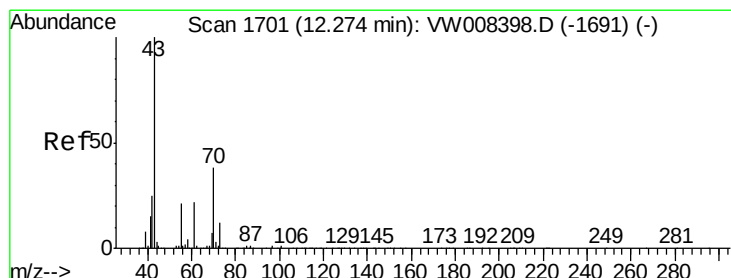
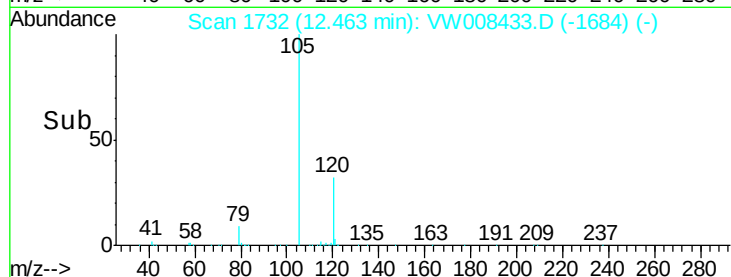
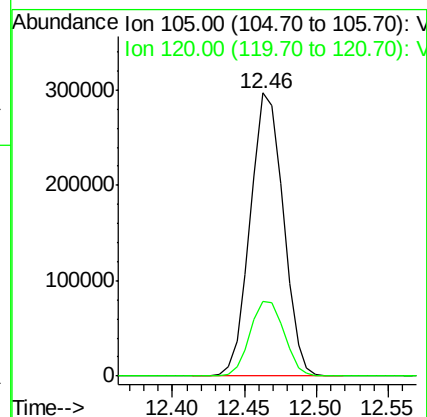
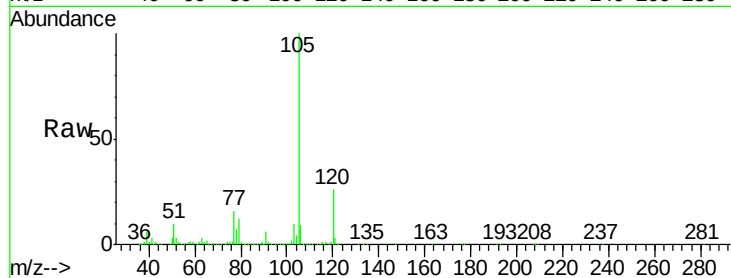
VW0128SBSD01

Tgt Ion:105 Resp: 471470

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 16.375 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Tgt Ion: 43 Resp: 108751

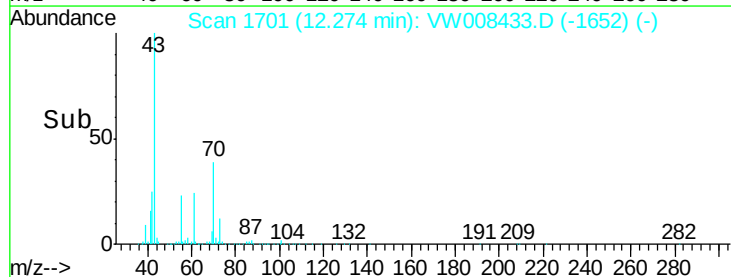
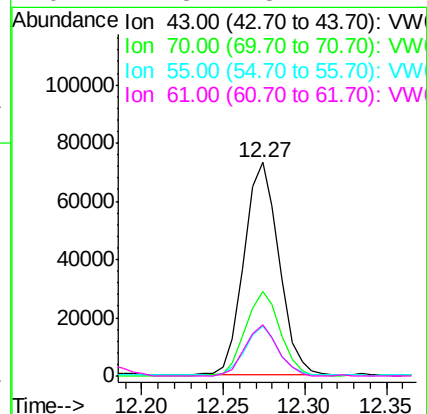
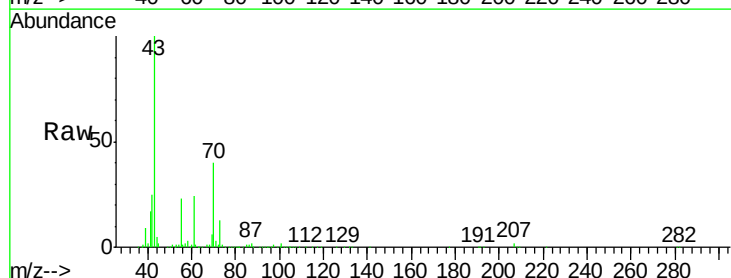
Ion Ratio Lower Upper

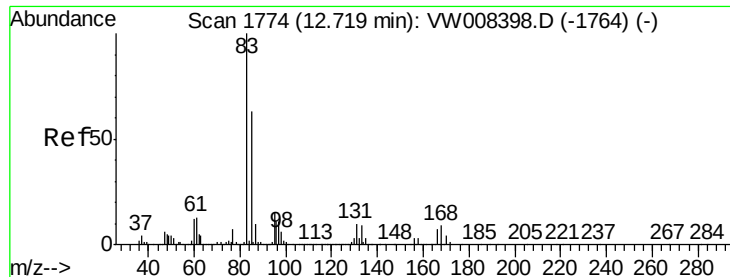
43 100

70 40.1 31.0 46.6

55 21.6 17.4 26.2

61 22.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.401 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

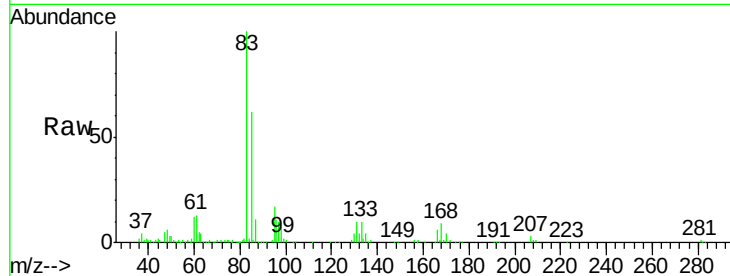
Tgt Ion: 83 Resp: 71020

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.4

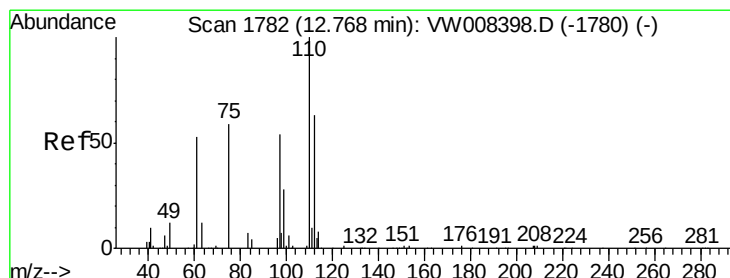
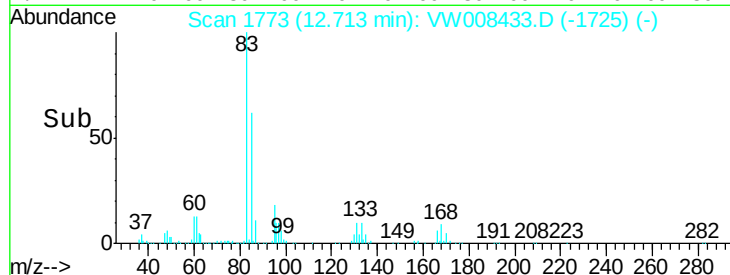
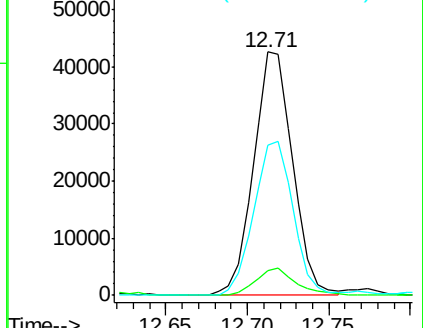
85 64.1 31.9 95.5



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: 3.647 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.17 min

Lab File: VW008433.D

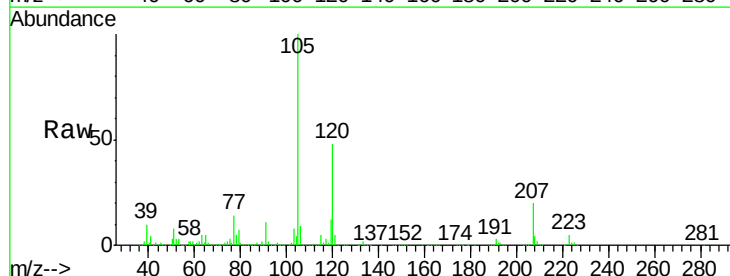
Acq: 28 Jan 2019 12:20

Tgt Ion: 75 Resp: 10964

Ion Ratio Lower Upper

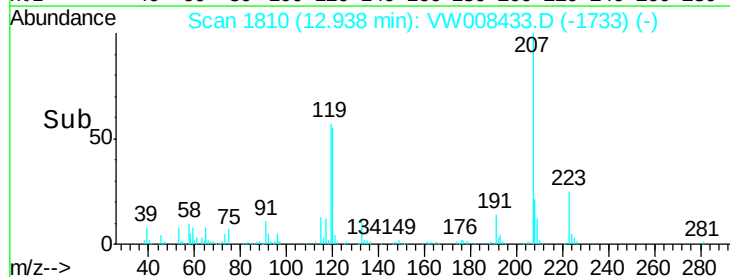
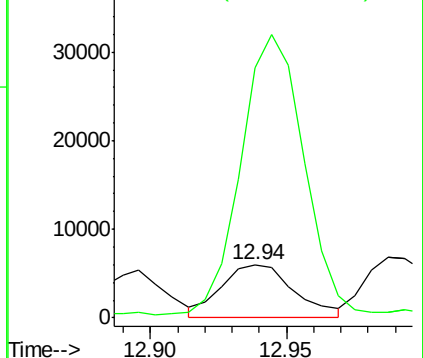
75 100

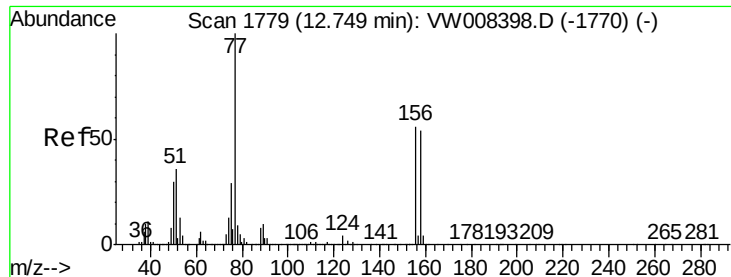
77 461.1 180.7 542.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.810 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBSD01

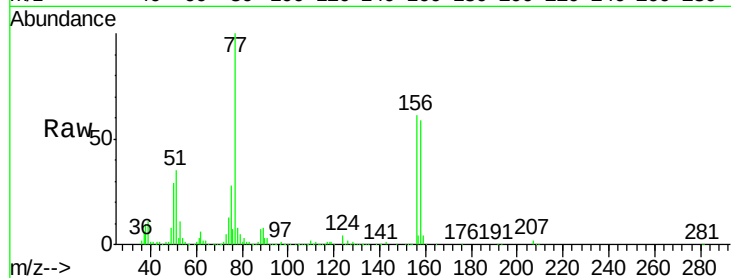
Tgt Ion:156 Resp: 105902

Ion Ratio Lower Upper

156 100

77 182.8 96.9 290.7

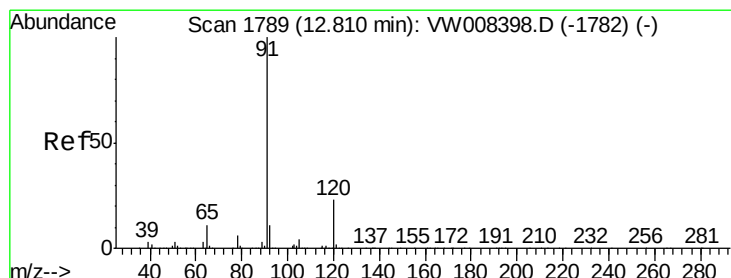
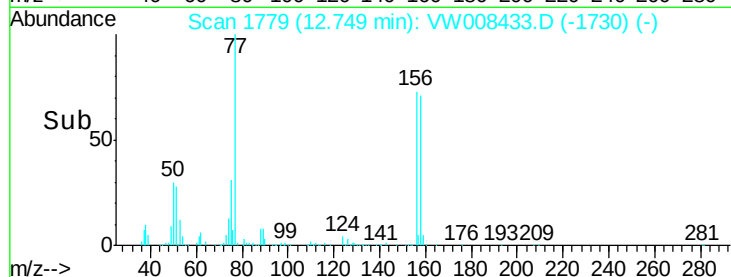
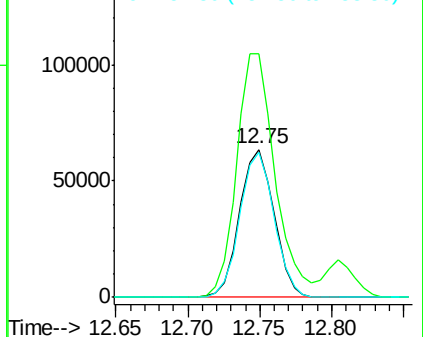
158 97.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.133 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008433.D

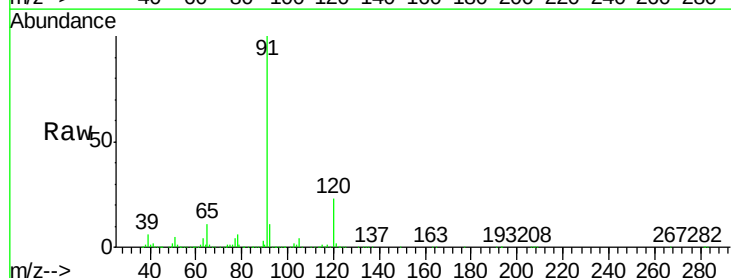
Acq: 28 Jan 2019 12:20

Tgt Ion: 91 Resp: 561428

Ion Ratio Lower Upper

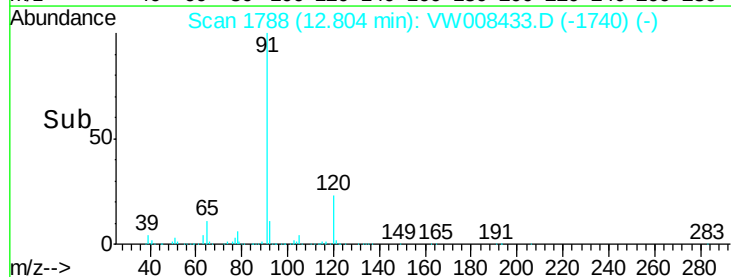
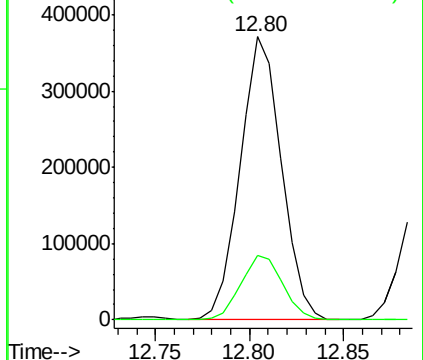
91 100

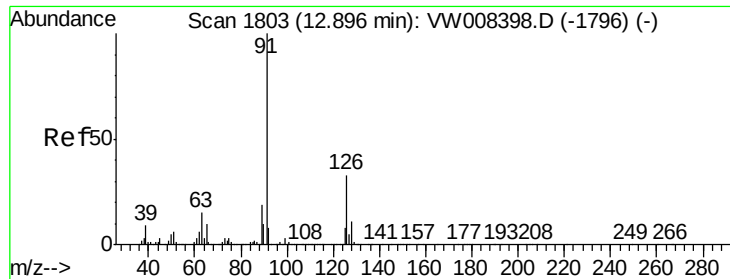
120 23.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.752 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

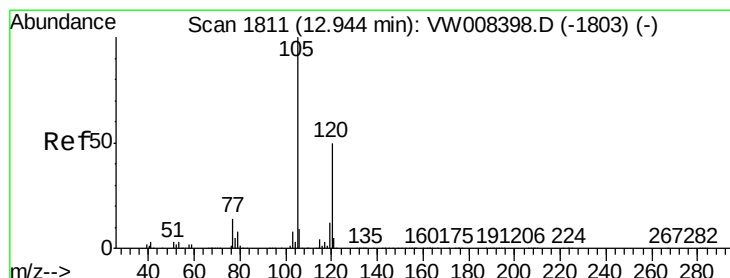
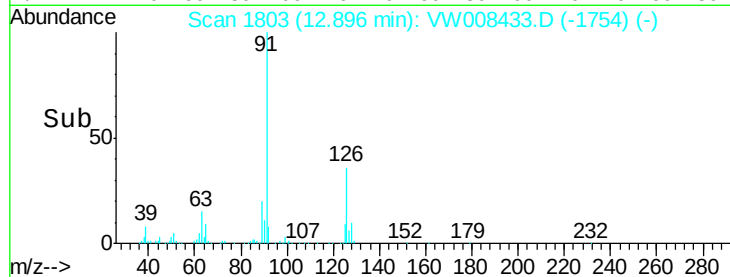
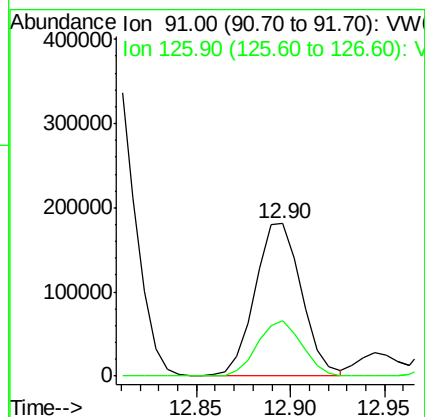
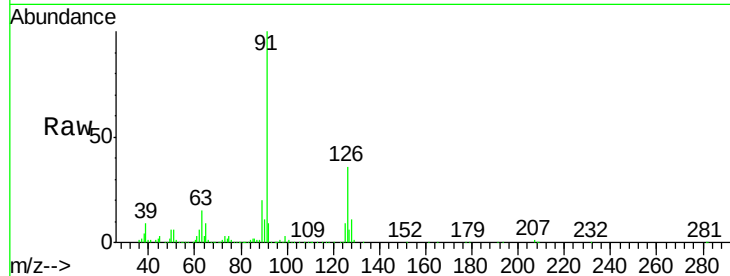
VW0128SBSD01

Tgt Ion: 91 Resp: 310169

Ion Ratio Lower Upper

91 100

126 35.0 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 18.198 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008433.D

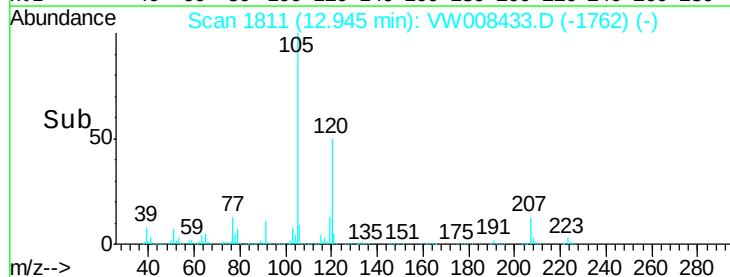
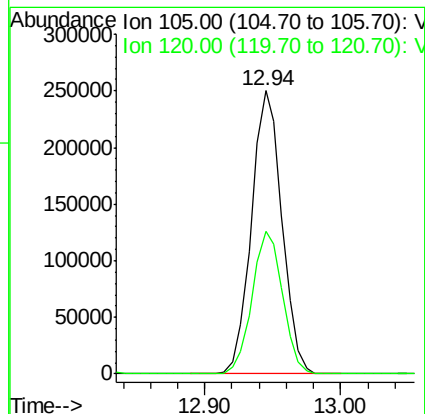
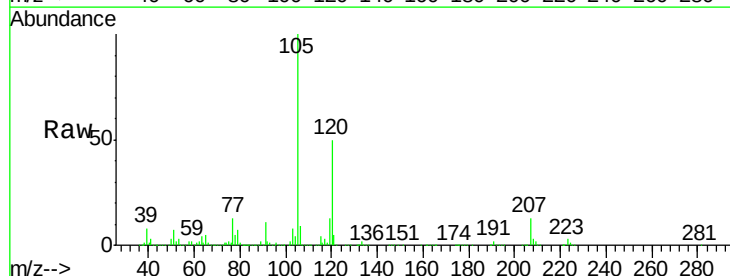
Acq: 28 Jan 2019 12:20

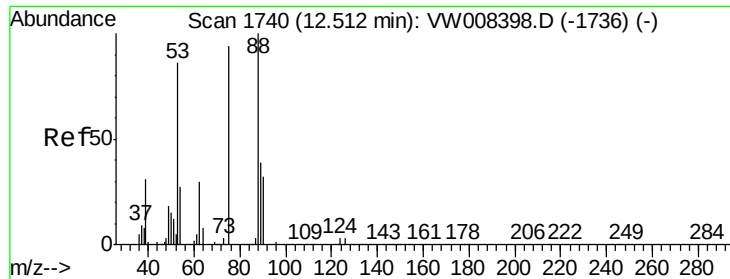
Tgt Ion: 105 Resp: 392109

Ion Ratio Lower Upper

105 100

120 50.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.877 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

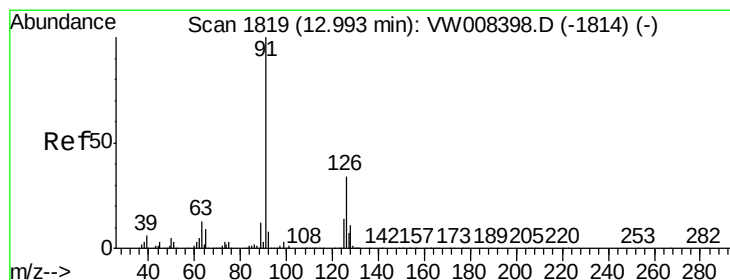
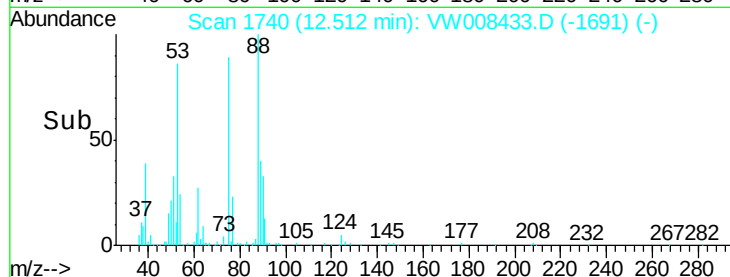
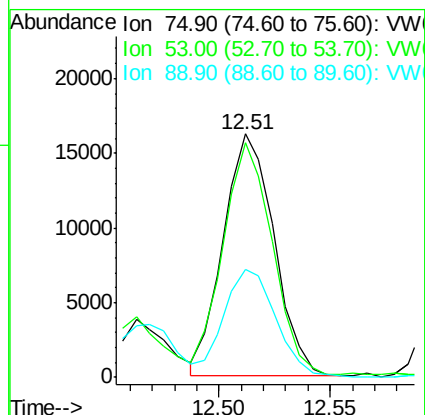
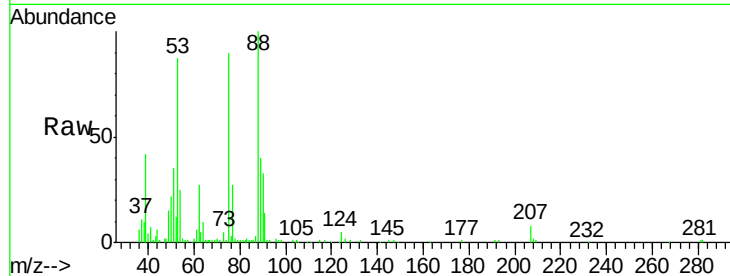
Tgt Ion: 75 Resp: 25689

Ion Ratio Lower Upper

75 100

53 92.7 76.0 114.0

89 46.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 17.524 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008433.D

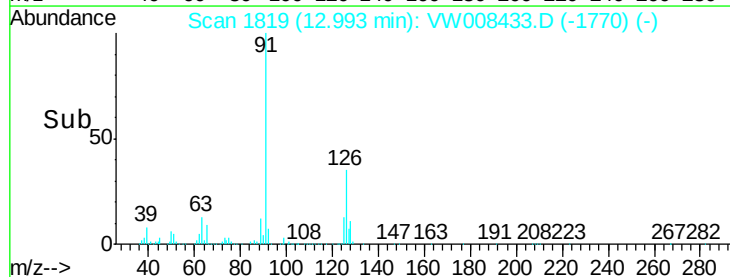
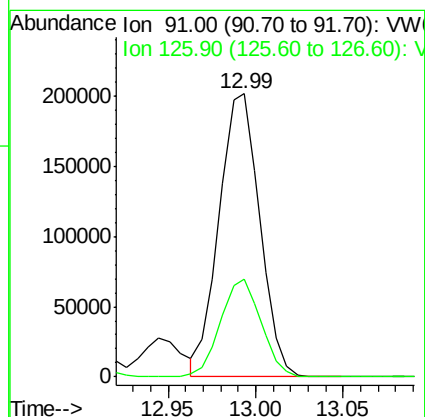
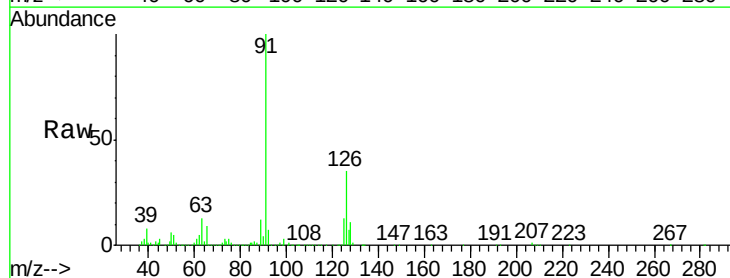
Acq: 28 Jan 2019 12:20

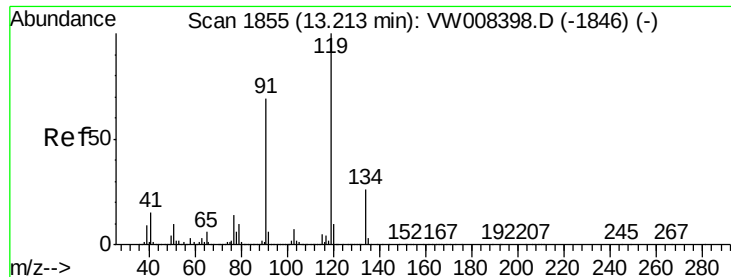
Tgt Ion: 91 Resp: 325981

Ion Ratio Lower Upper

91 100

126 34.7 16.4 49.2





#83

tert-Butylbenzene

Concen: 18.568 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008433.D

Acq: 28 Jan 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

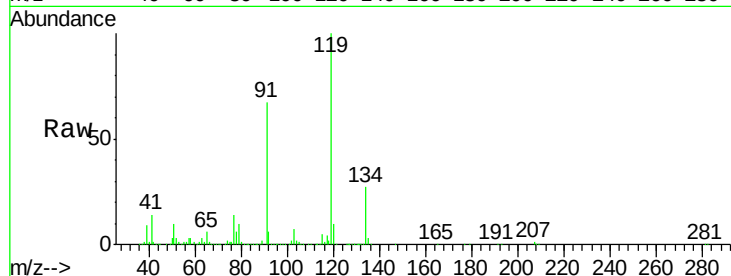
Tgt Ion:119 Resp: 356025

Ion Ratio Lower Upper

119 100

91 64.6 33.8 101.4

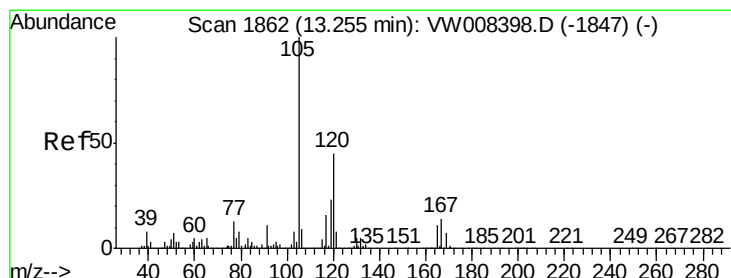
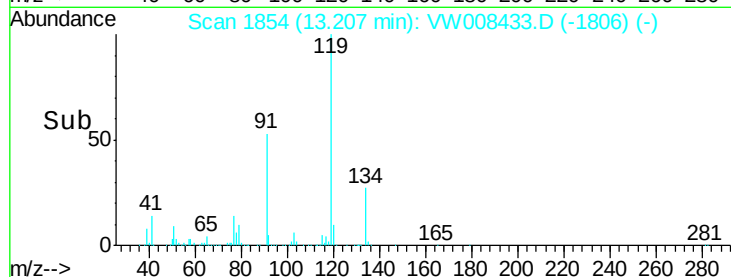
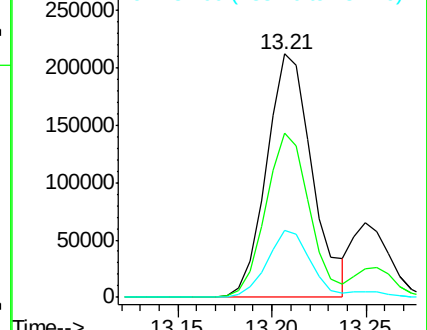
134 27.7 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.992 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008433.D

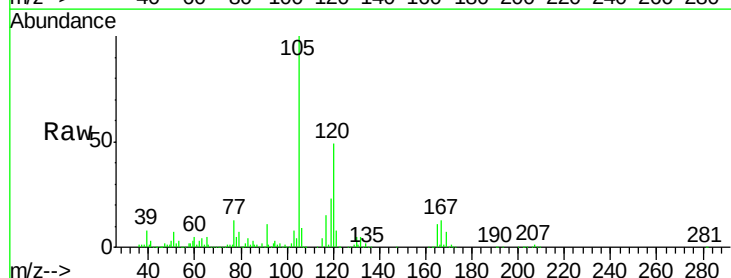
Acq: 28 Jan 2019 12:20

Tgt Ion:105 Resp: 394041

Ion Ratio Lower Upper

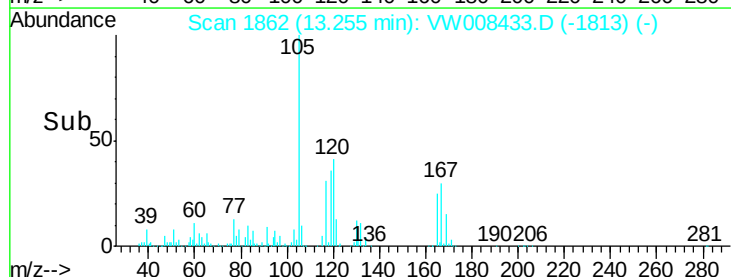
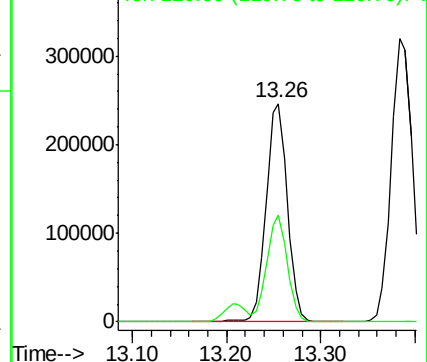
105 100

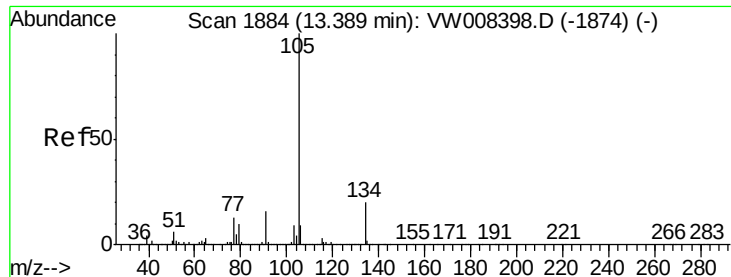
120 47.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

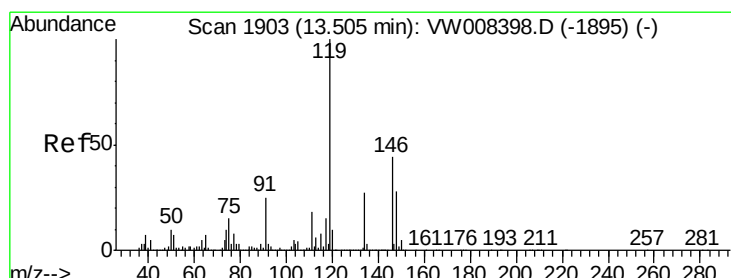
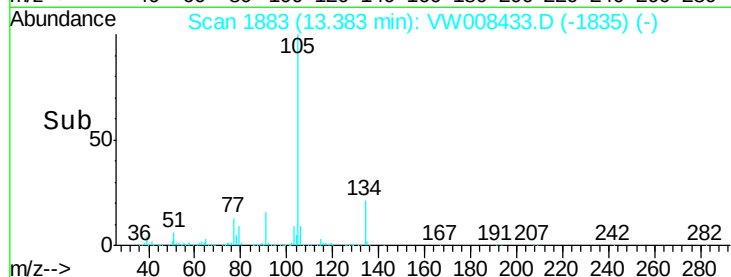
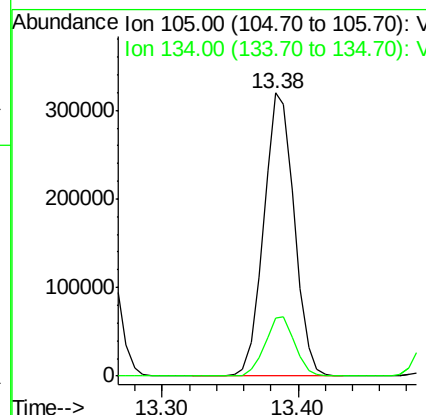
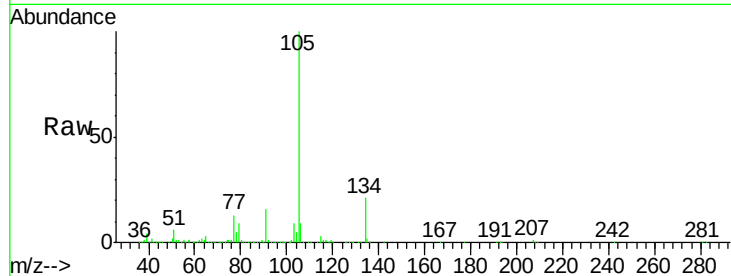




#85
 sec-Butylbenzene
 Concen: 18.267 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

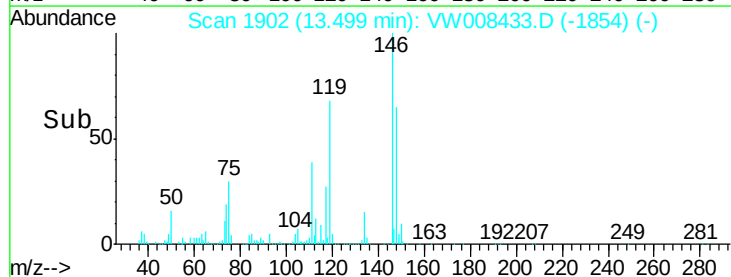
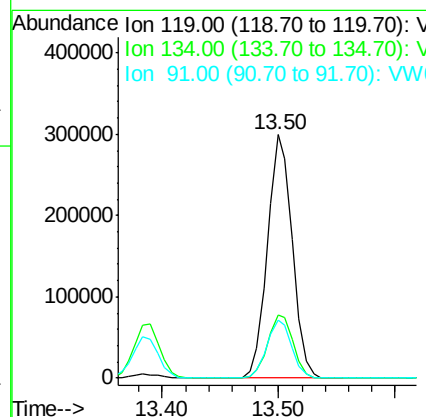
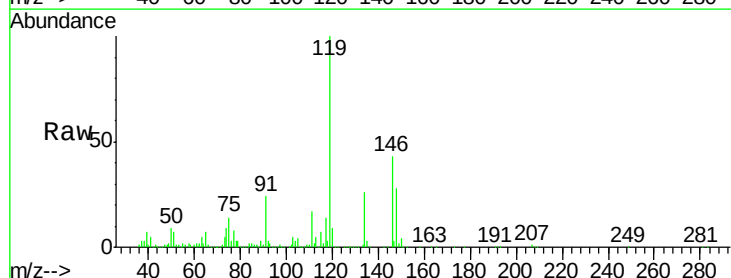
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

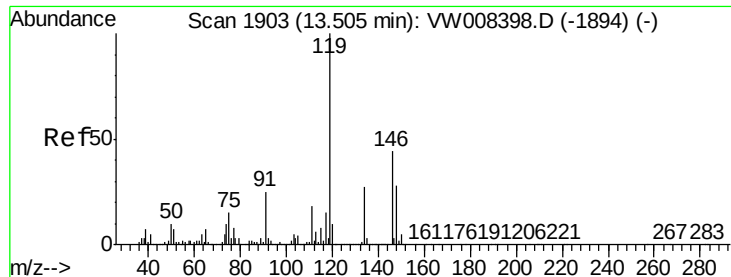
Tgt Ion:105 Resp: 500204
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 18.486 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion:119 Resp: 443413
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.8 12.6 37.6

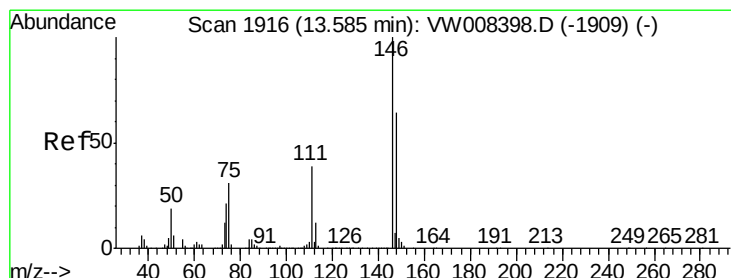
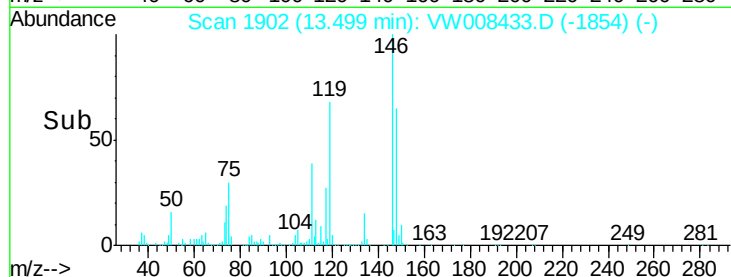
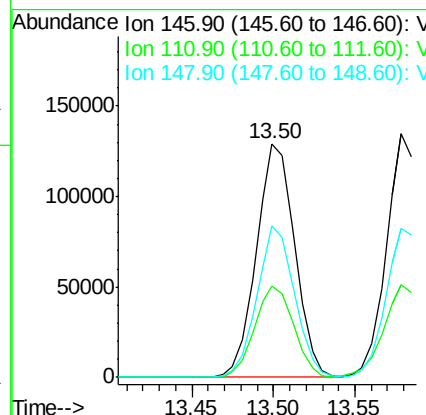
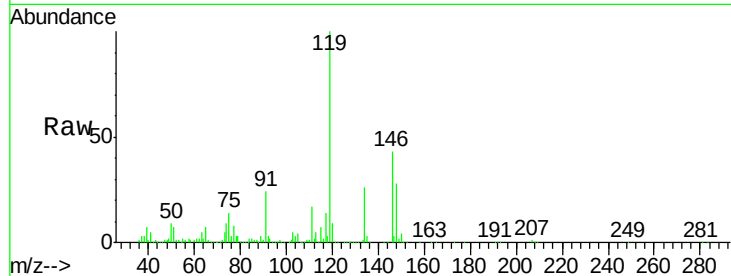




#87
 1,3-Dichlorobenzene
 Concen: 18.558 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

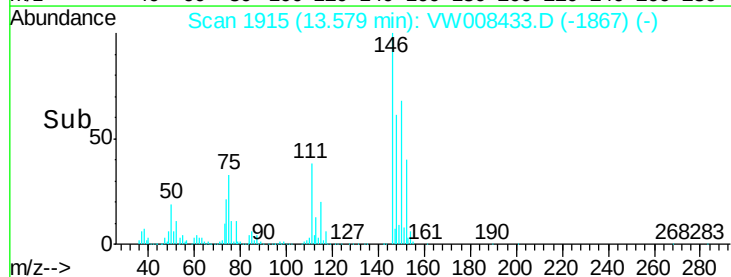
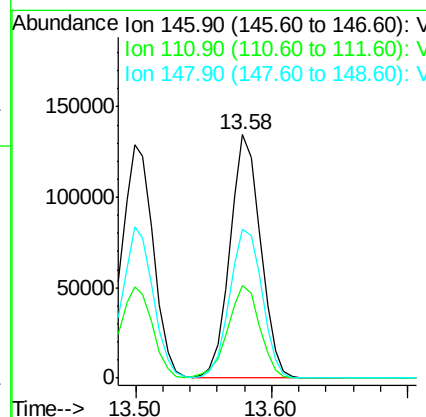
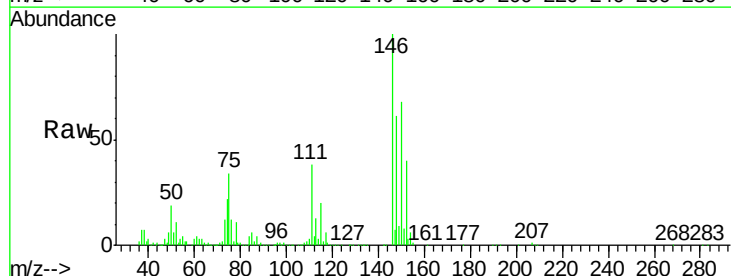
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

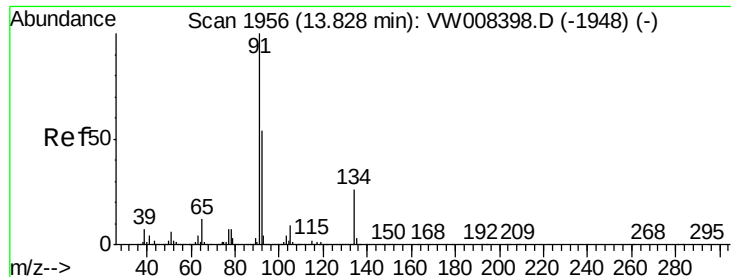
Tgt Ion:146 Resp: 211010
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.3 60.9
 148 63.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.610 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion:146 Resp: 210282
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 65.0 32.0 96.2

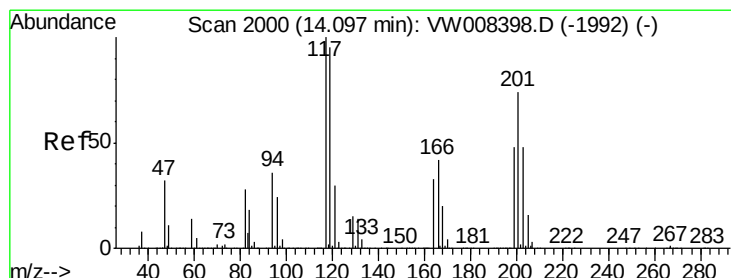
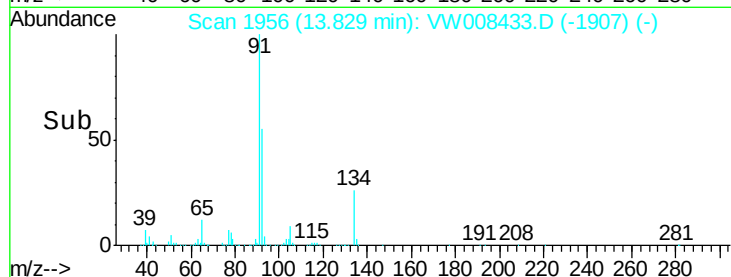
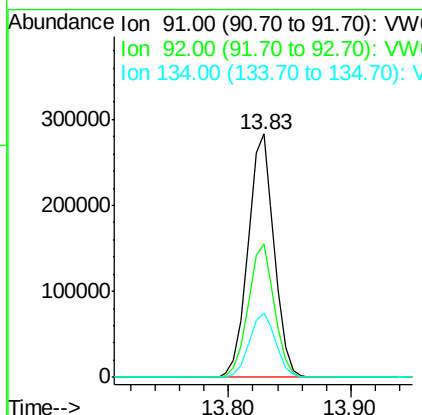
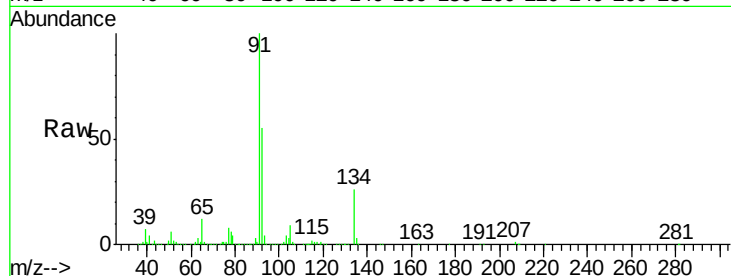




#89
n-Butylbenzene
Concen: 17.729 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

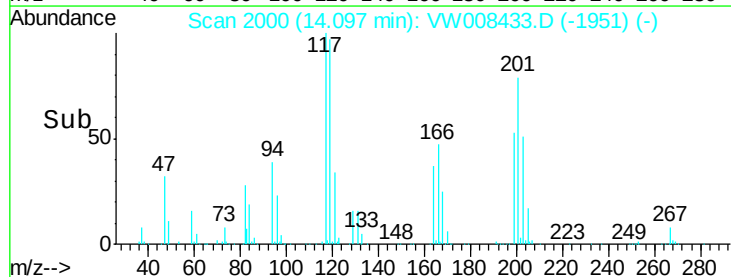
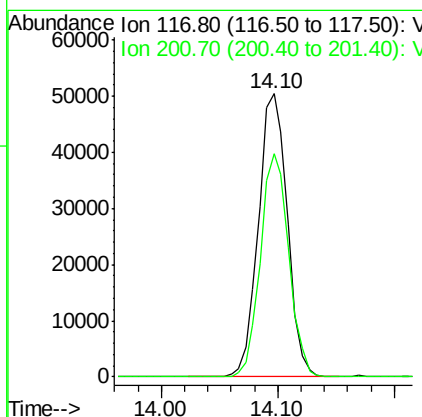
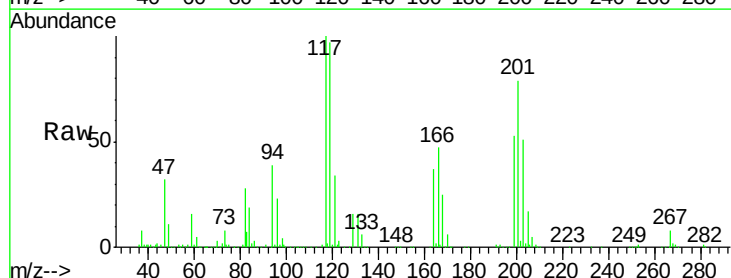
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

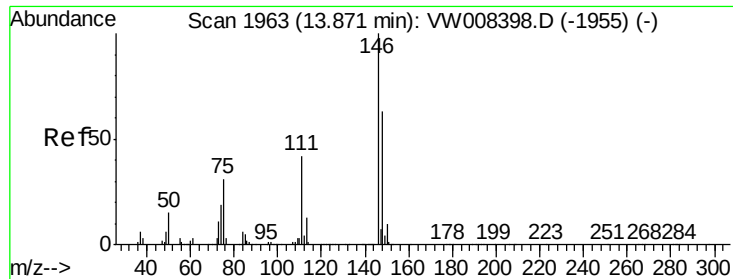
Tgt Ion: 91 Resp: 417534
Ion Ratio Lower Upper
91 100
92 55.2 27.4 82.2
134 27.0 13.0 39.0



#90
Hexachloroethane
Concen: 18.668 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion: 117 Resp: 87570
Ion Ratio Lower Upper
117 100
201 77.1 39.1 117.5

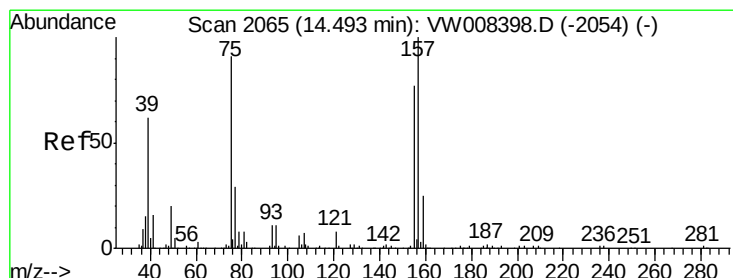
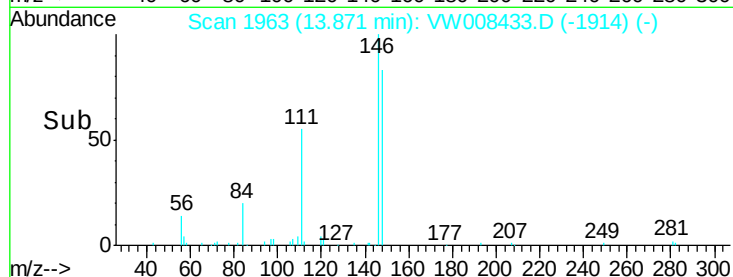
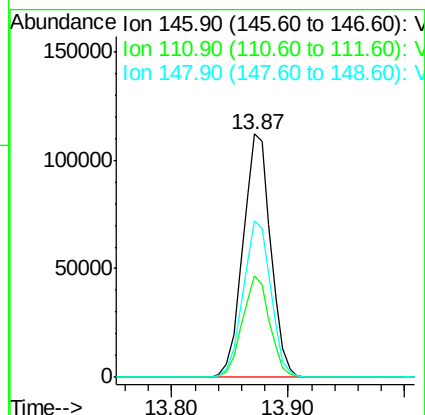
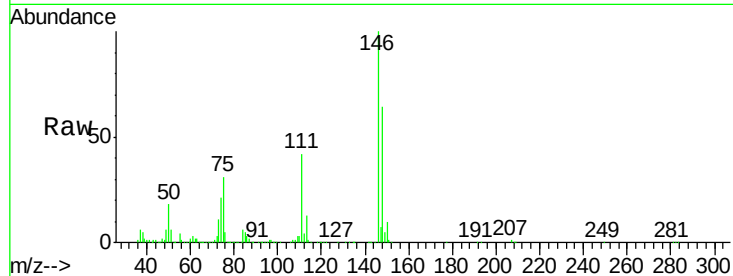




#91
 1,2-Dichlorobenzene
 Concen: 18.419 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

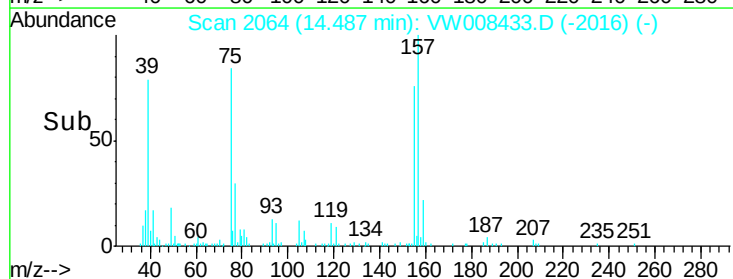
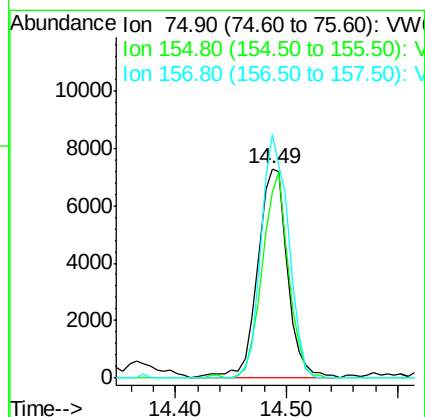
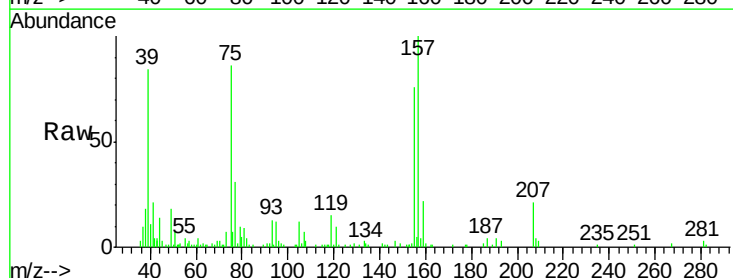
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBSD01

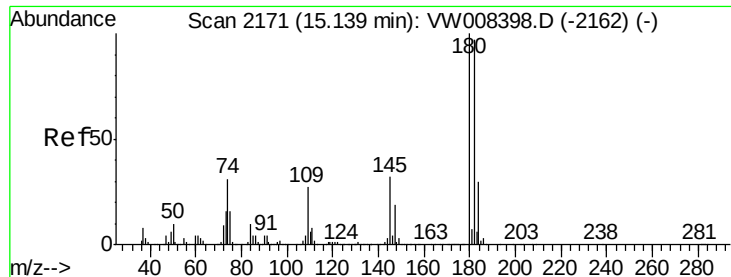
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.3
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.711 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.7	128.1
157	105.7	55.5	166.3

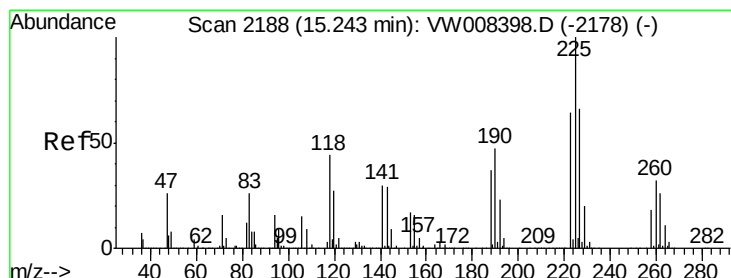
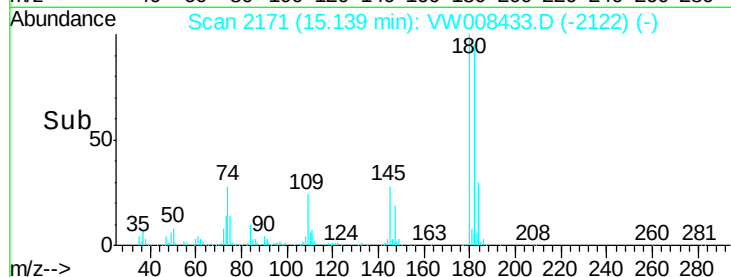
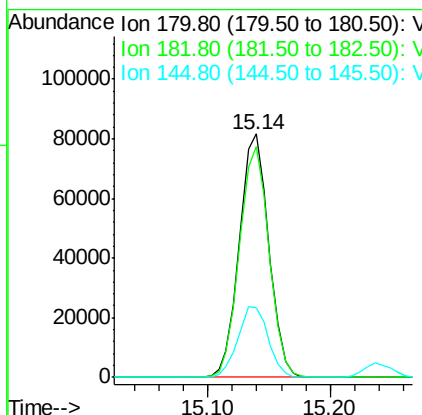
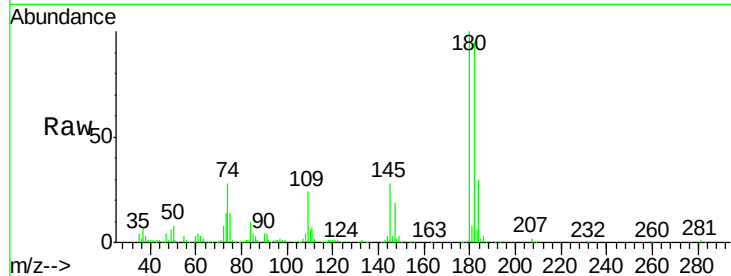




#93
 1,2,4-Trichlorobenzene
 Concen: 18.962 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

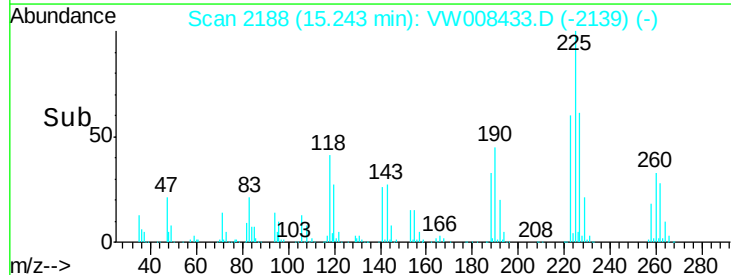
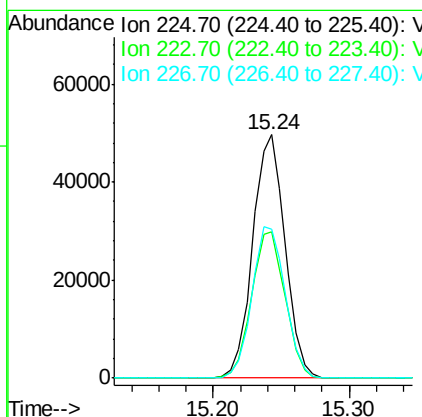
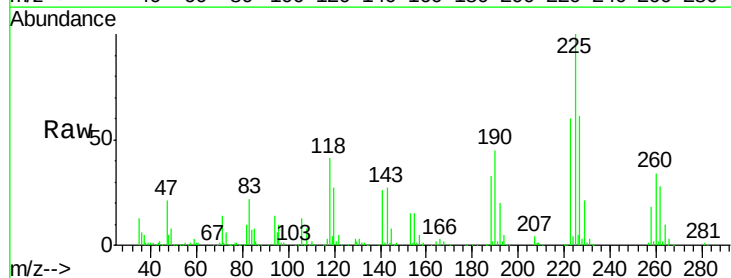
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

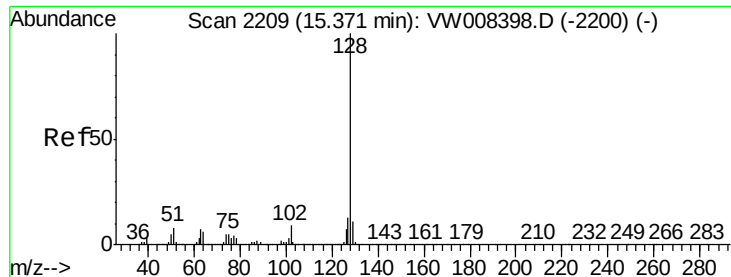
Tgt Ion:180 Resp: 136136
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.7
 145 30.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 19.132 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008433.D
 Acq: 28 Jan 2019 12:20

Tgt Ion:225 Resp: 82778
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.7 95.1
 227 63.7 32.1 96.3

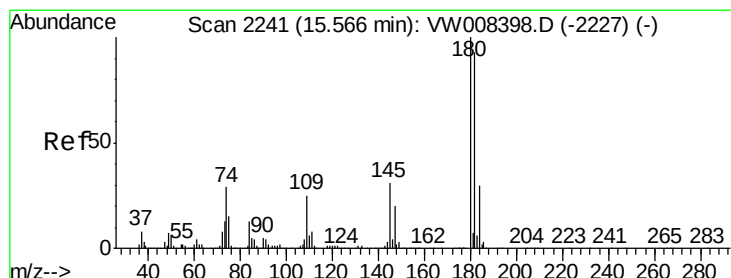
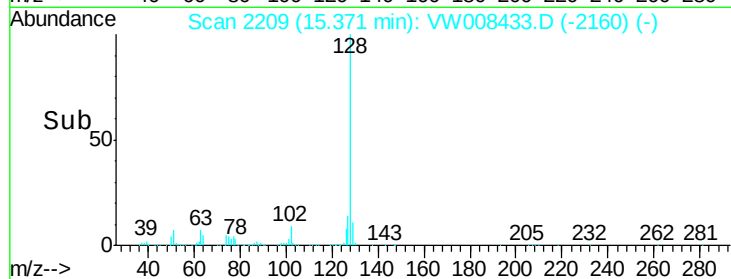
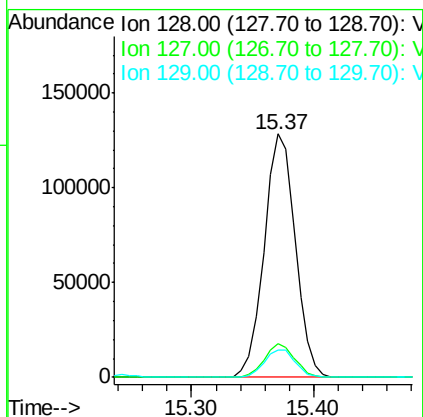
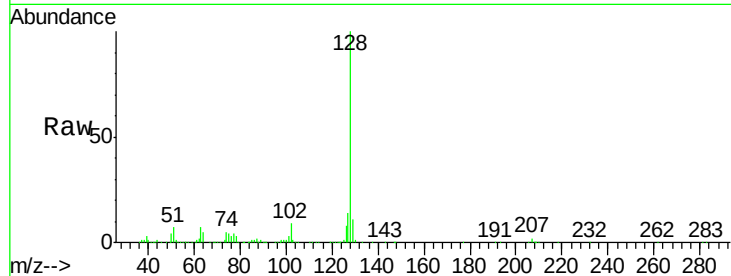




#95
Naphthalene
Concen: 17.976 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBSD01

Tgt Ion:128 Resp: 226602
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.811 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008433.D
Acq: 28 Jan 2019 12:20

Tgt Ion:180 Resp: 114560
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 32.3 15.9 47.6

