

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008583.D
 Acq On : 08 Feb 2019 20:06
 Operator : SY/VA
 Sample : VW0208SBSD01
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

Quant Time: Feb 09 01:36:19 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	432692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	690144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	616182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	321100	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	217226	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	7.88	113	194669	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	10.32	98	733986	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.62	95	280640	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	37379	17.229	ug/l	96
3) Chloromethane	2.21	50	65697	18.601	ug/l	99
4) Vinyl Chloride	2.36	62	88825	19.756	ug/l	96
5) Bromomethane	2.78	94	67795	23.378	ug/l	92
6) Chloroethane	2.92	64	65764	23.917	ug/l	96
7) Trichlorofluoromethane	3.25	101	60869	18.819	ug/l	96
8) Diethyl Ether	3.67	74	49263	22.830	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	74666	19.079	ug/l	98
10) Methyl Iodide	4.26	142	121654	19.681	ug/l	99
11) Tert butyl alcohol	5.18	59	36025	105.263	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	73425	18.539	ug/l	98
13) Acrolein	3.89	56	24980	85.529	ug/l	99
14) Allyl chloride	4.65	41	133071	17.694	ug/l	97
15) Acrylonitrile	5.37	53	102639	110.155	ug/l	99
16) Acetone	4.12	43	90333	94.631	ug/l	98
17) Carbon Disulfide	4.37	76	204739	16.186	ug/l	97
18) Methyl Acetate	4.67	43	55125	21.651	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	151332	23.094	ug/l	96
20) Methylene Chloride	4.90	84	93648	21.285	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	84583	18.996	ug/l	98
22) Diisopropyl ether	6.31	45	280846	19.704	ug/l	94
23) Vinyl Acetate	6.25	43	871583	103.559	ug/l	98
24) 1,1-Dichloroethane	6.21	63	154213	19.114	ug/l	99
25) 2-Butanone	7.17	43	145351	109.625	ug/l	95
26) 2,2-Dichloropropane	7.16	77	97034	17.793	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	98400	20.278	ug/l	97
28) Bromochloromethane	7.51	49	76113	20.540	ug/l #	15
29) Tetrahydrofuran	7.53	42	97473	116.009	ug/l	99
30) Chloroform	7.67	83	159080	20.046	ug/l	98
31) Cyclohexane	7.95	56	147048	17.626	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	131383	19.168	ug/l	100
36) 1,1-Dichloropropene	8.08	75	123150	18.890	ug/l	99
37) Ethyl Acetate	7.25	43	65654	22.763	ug/l	97
38) Carbon Tetrachloride	8.06	117	122814	18.721	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008583.D
 Acq On : 08 Feb 2019 20:06
 Operator : SY/VA
 Sample : VW0208SBSD01
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

Quant Time: Feb 09 01:36:19 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	9.33	83	153473	17.921	ug/l	99
40) Benzene	8.32	78	345602	19.105	ug/l	99
41) Methacrylonitrile	7.48	41	37899	22.191	ug/l	98
42) 1,2-Dichloroethane	8.40	62	114262	21.796	ug/l	100
43) Isopropyl Acetate	8.43	43	132739	22.152	ug/l	99
44) Trichloroethene	9.09	130	96042	19.524	ug/l	95
45) 1,2-Dichloropropane	9.37	63	88175	19.549	ug/l	97
46) Dibromomethane	9.46	93	48970	21.109	ug/l	97
47) Bromodichloromethane	9.64	83	121934	19.871	ug/l	99
48) Methyl methacrylate	9.43	41	60214	20.551	ug/l	98
49) 1,4-Dioxane	9.46	88	17250	439.897	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	341203	115.259	ug/l	99
52) Toluene	10.38	92	221089	18.514	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	123934	18.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	142545	19.237	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	71572	22.242	ug/l	96
56) Ethyl methacrylate	10.65	69	93309	20.694	ug/l	99
57) 1,3-Dichloropropane	10.93	76	121359	21.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	252456	115.237	ug/l	97
59) 2-Hexanone	10.97	43	232308	111.160	ug/l	98
60) Dibromochloromethane	11.13	129	81811	19.784	ug/l	99
61) 1,2-Dibromoethane	11.23	107	67955	21.298	ug/l	96
64) Tetrachloroethene	10.86	164	84768	20.319	ug/l	98
65) Chlorobenzene	11.66	112	251851	20.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	88663	19.701	ug/l	98
67) Ethyl Benzene	11.73	91	438004	18.944	ug/l	99
68) m/p-Xylenes	11.84	106	339005	37.789	ug/l	99
69) o-Xylene	12.16	106	161453	18.942	ug/l	99
70) Styrene	12.18	104	261969	18.606	ug/l	97
71) Bromoform	12.35	173	50431	19.917	ug/l #	97
73) Isopropylbenzene	12.46	105	444098	18.552	ug/l	99
74) N-amyl acetate	12.27	43	128413	20.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	81826	21.590	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	68613m	24.577	ug/l	
77) Bromobenzene	12.75	156	105272	20.136	ug/l	96
78) n-propylbenzene	12.80	91	527186	18.336	ug/l	99
79) 2-Chlorotoluene	12.89	91	302189	18.625	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	369077	18.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25961	18.367	ug/l	92
82) 4-Chlorotoluene	12.99	91	314944	18.232	ug/l	97
83) tert-Butylbenzene	13.21	119	326428	18.333	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	383011	18.833	ug/l	99
85) sec-Butylbenzene	13.38	105	467319	18.378	ug/l	100
86) p-Isopropyltoluene	13.50	119	416606	18.704	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	210285	19.917	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	206174	19.649	ug/l	99
89) n-Butylbenzene	13.83	91	390145	17.839	ug/l	99
90) Hexachloroethane	14.10	117	77508	17.794	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	189892	20.326	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14471	20.124	ug/l	97

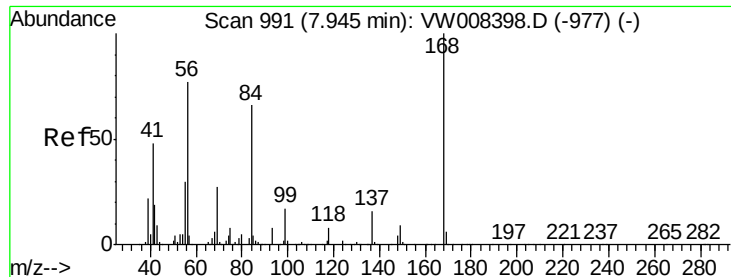
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020819\
Data File : VW008583.D
Acq On : 08 Feb 2019 20:06
Operator : SY/VA
Sample : VW0208SBSD01
Misc : 6.57G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

Quant Time: Feb 09 01:36:19 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	132196	19.829	ug/l	98
94) Hexachlorobutadiene	15.24	225	77757	19.353	ug/l	100
95) Naphthalene	15.37	128	255094	21.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117503	20.778	ug/l	100

(#) = 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: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

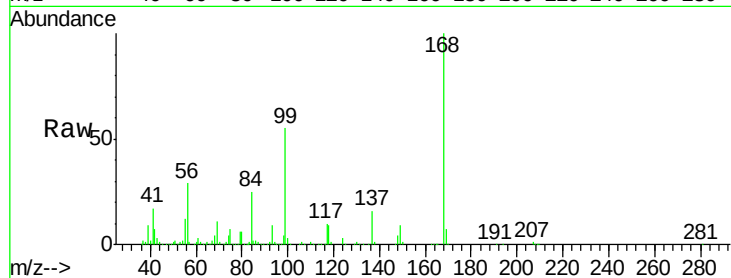
VW0208SBSD01

Tot Ion:168 Resp: 432692

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

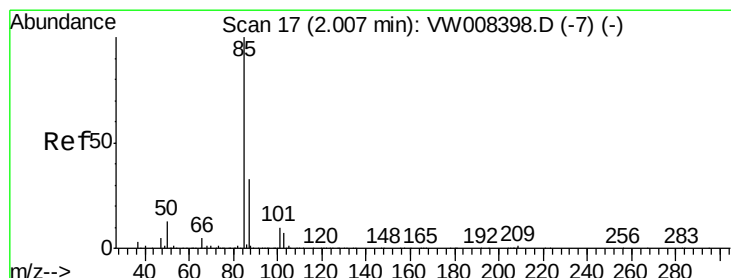
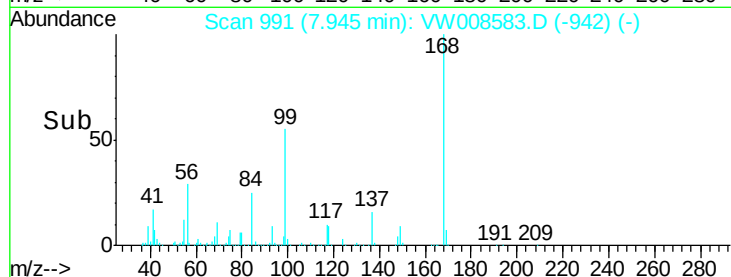
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 17.229 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008583.D

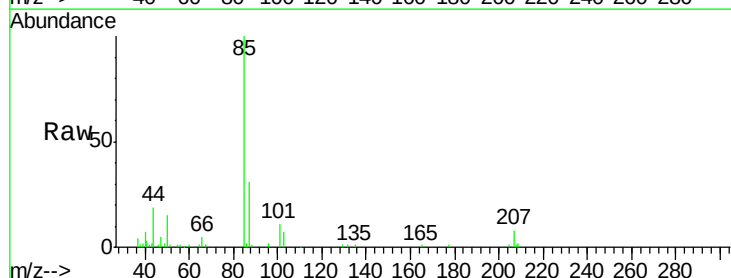
Acq: 08 Feb 2019 20:06

Tgt Ion: 85 Resp: 37379

Ion Ratio Lower Upper

85 100

87 30.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

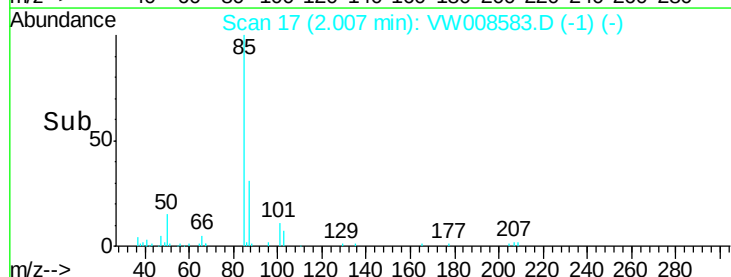
2.01

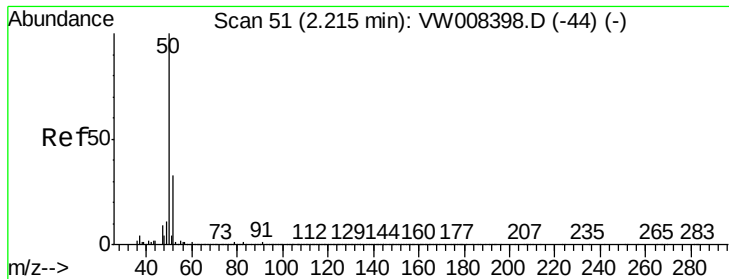
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 18.601 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

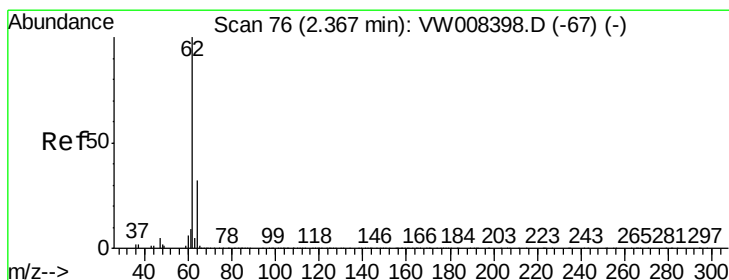
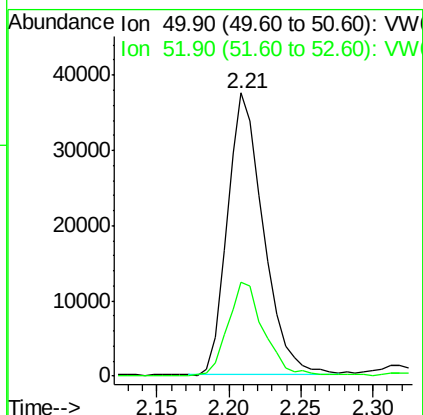
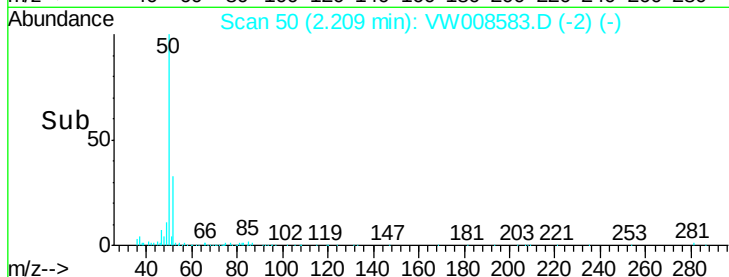
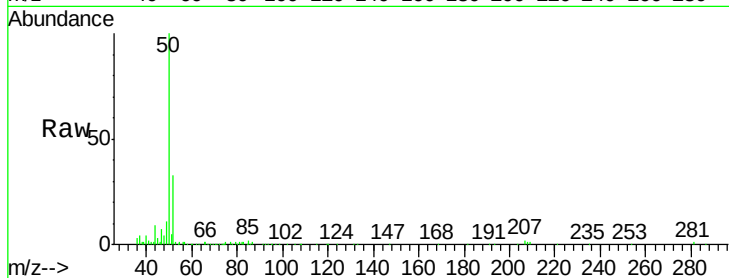
VW0208SBSD01

Tot Ion: 50 Resp: 65697

Ion Ratio Lower Upper

50 100

52 33.5 26.3 39.5



#4

Vinyl Chloride

Concen: 19.756 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008583.D

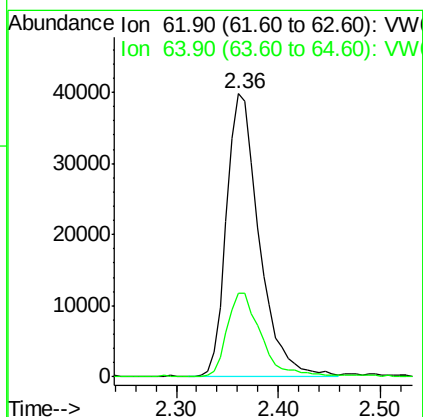
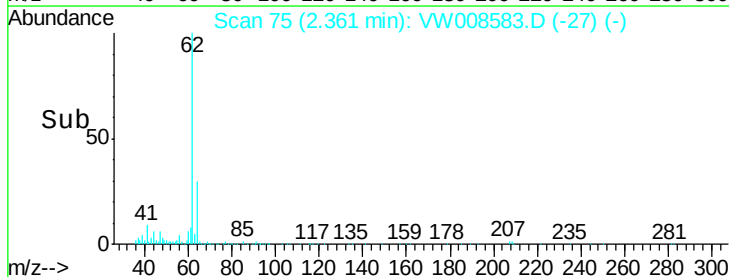
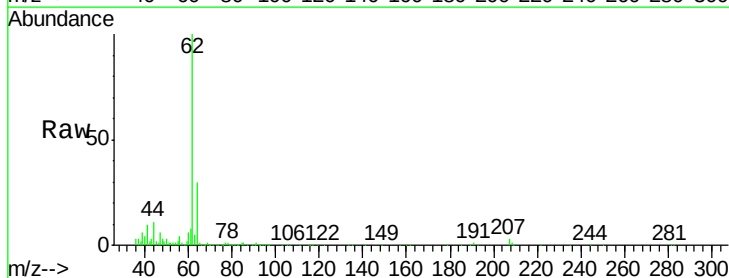
Acq: 08 Feb 2019 20:06

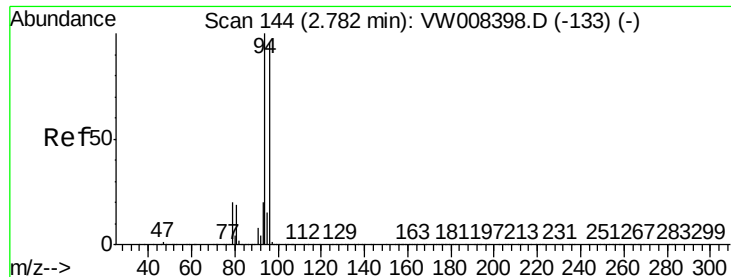
Tgt Ion: 62 Resp: 88825

Ion Ratio Lower Upper

62 100

64 29.6 25.5 38.3





#5

Bromomethane

Concen: 23.378 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

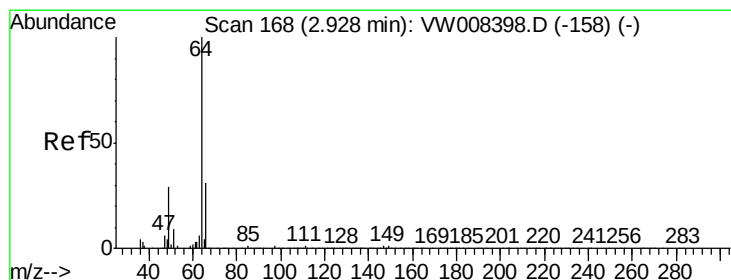
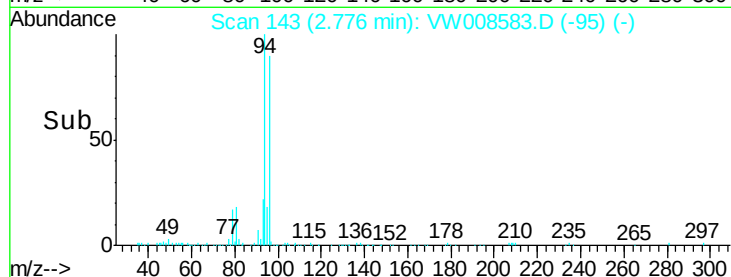
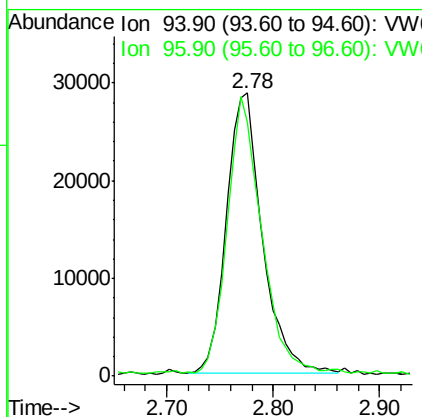
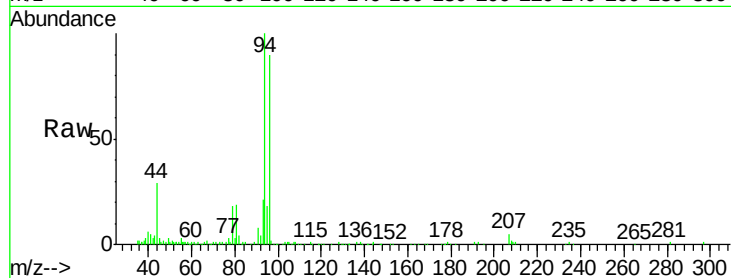
VW0208SBSD01

Tot Ion: 94 Resp: 67795

Ion Ratio Lower Upper

94 100

96 89.1 77.2 115.8



#6

Chloroethane

Concen: 23.917 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008583.D

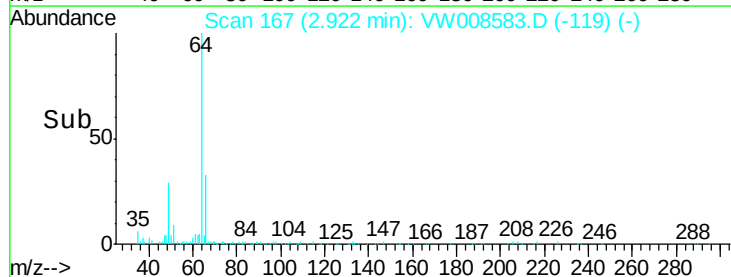
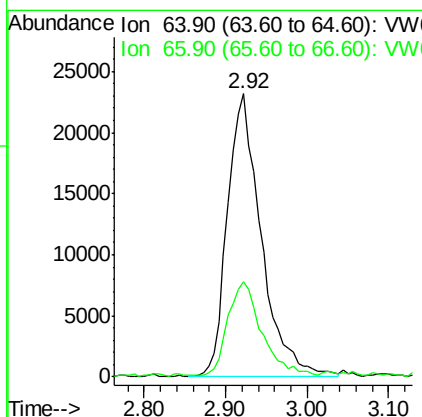
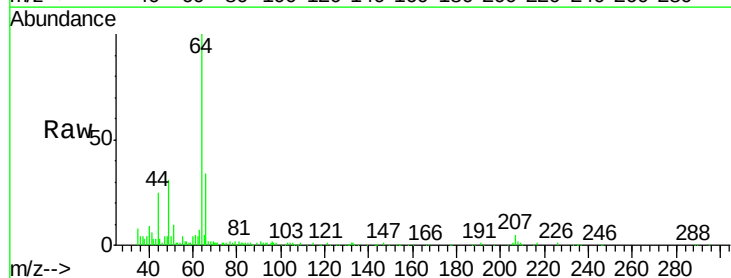
Acq: 08 Feb 2019 20:06

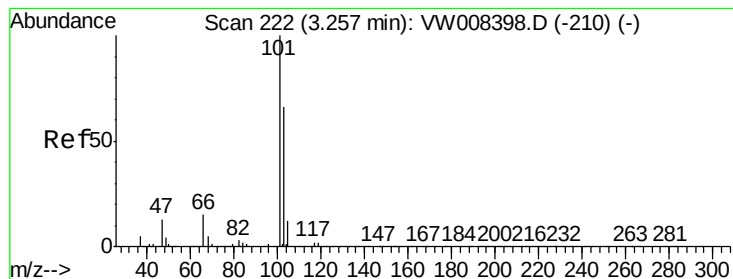
Tgt Ion: 64 Resp: 65764

Ion Ratio Lower Upper

64 100

66 33.4 24.9 37.3



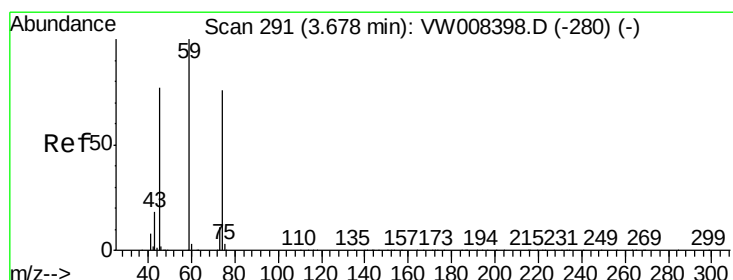
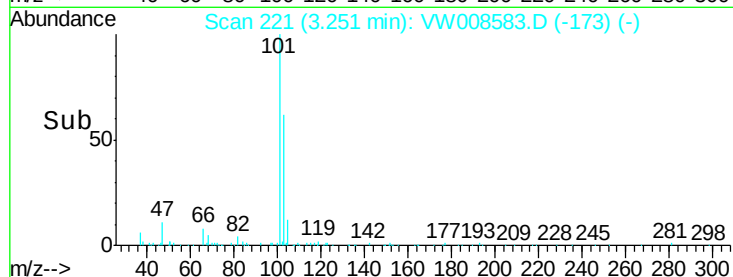
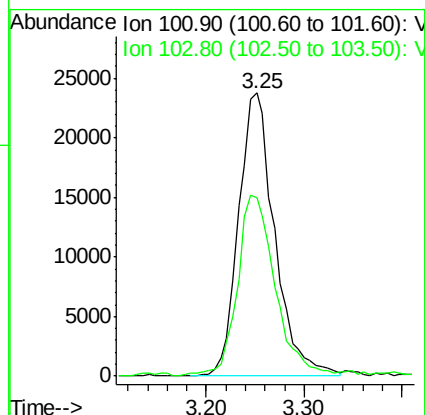
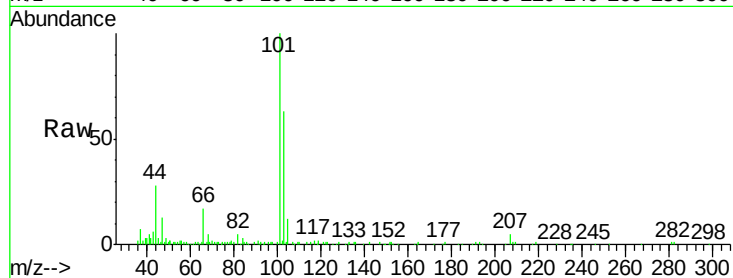


#7

Trichlorofluoromethane
Concen: 18.819 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

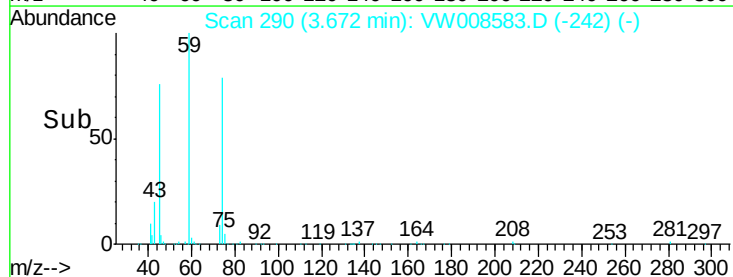
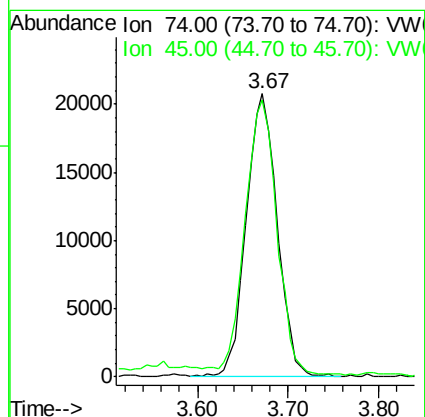
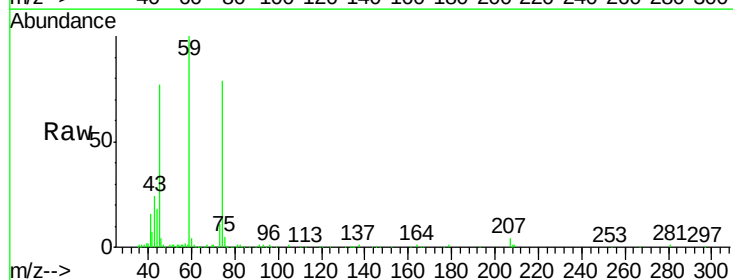
Tot Ion:101 Resp: 60869
Ion Ratio Lower Upper
101 100
103 62.1 52.5 78.7

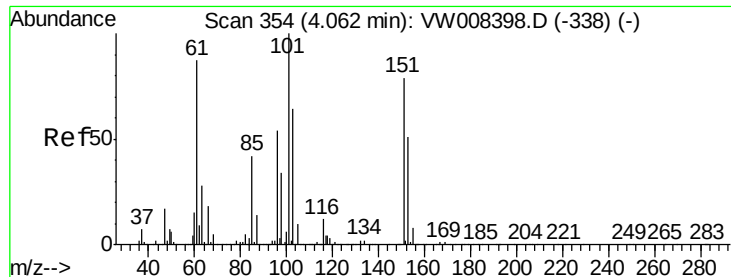


#8

Diethyl Ether
Concen: 22.830 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 74 Resp: 49263
Ion Ratio Lower Upper
74 100
45 99.2 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.079 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

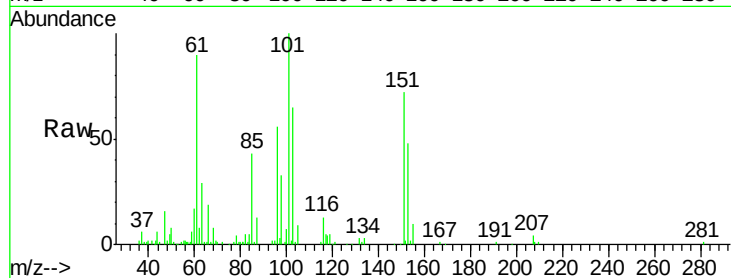
Tot Ion:101 Resp: 74666

Ion Ratio Lower Upper

101 100

85 46.1 35.0 52.4

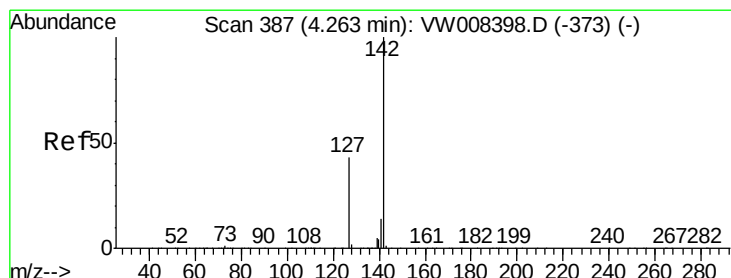
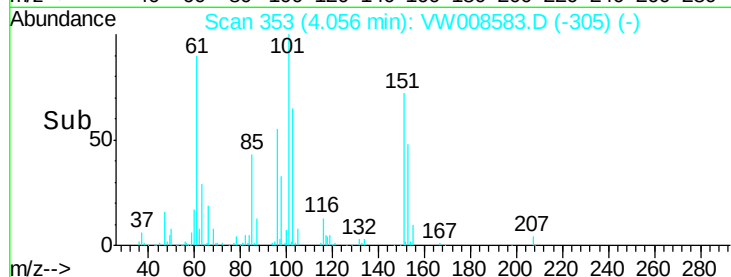
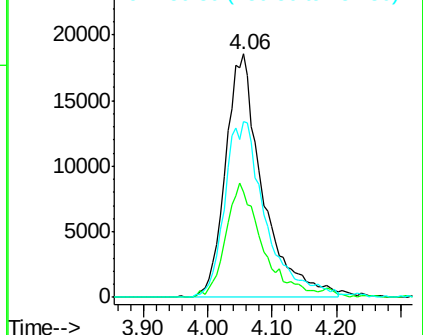
151 79.7 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.681 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

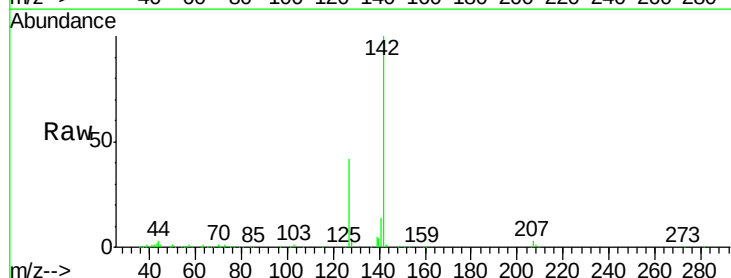
Tgt Ion:142 Resp: 121654

Ion Ratio Lower Upper

142 100

127 44.0 34.6 52.0

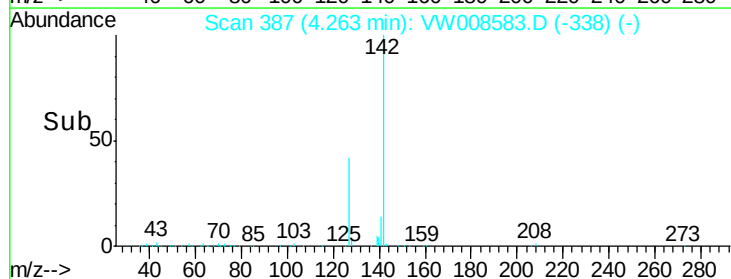
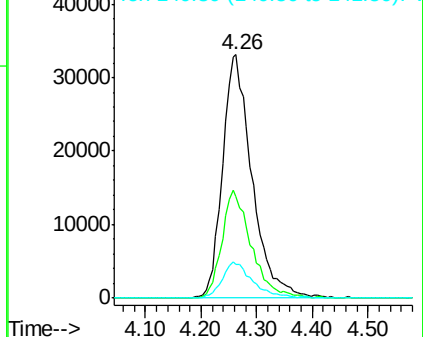
141 15.1 11.4 17.2

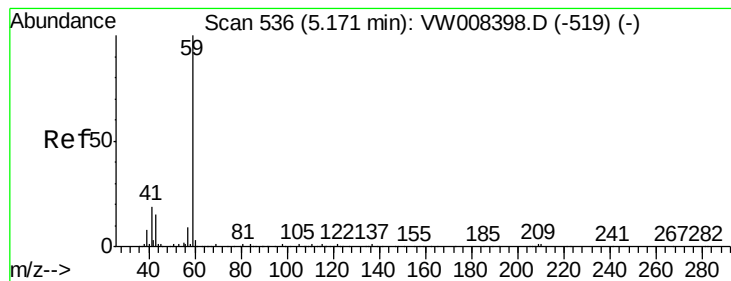


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



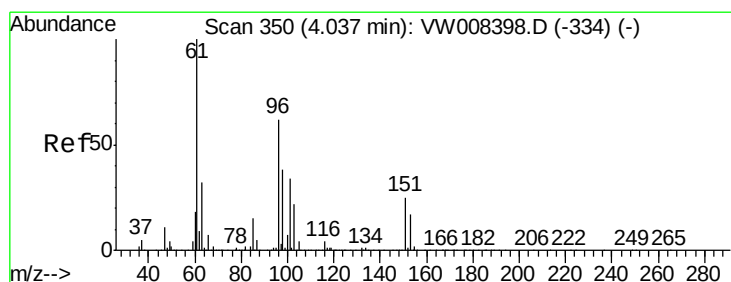
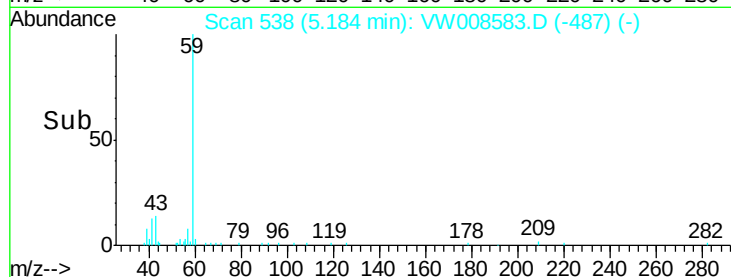
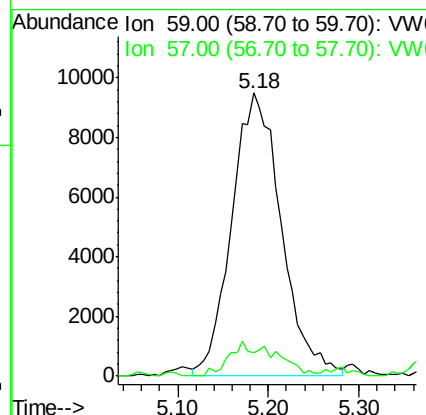
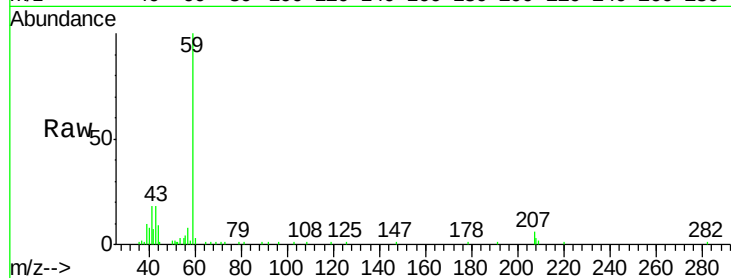


#11

Tert butyl alcohol
 Concen: 105.263 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

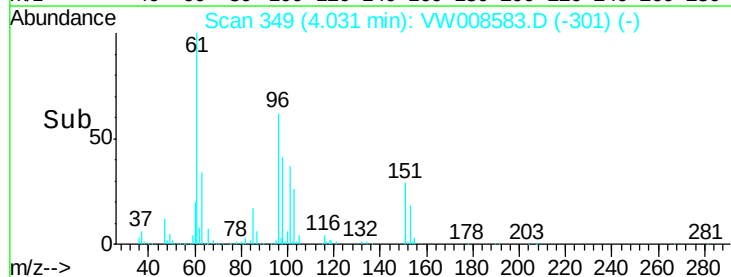
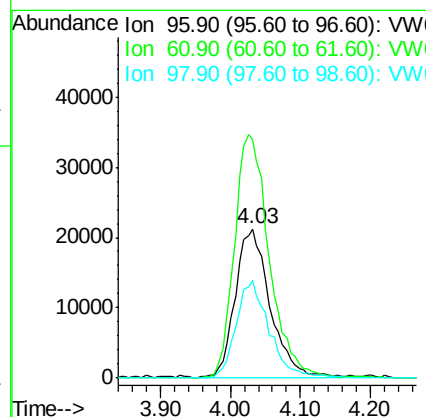
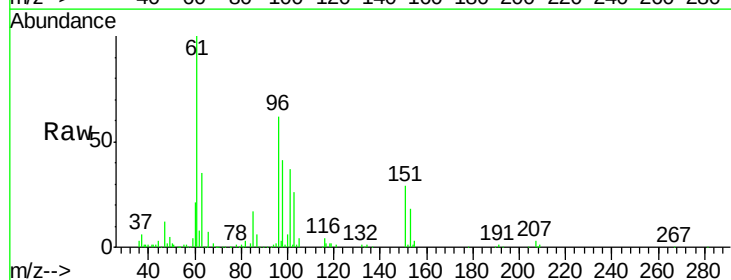
Tot Ion: 59 Resp: 36025
 Ion Ratio Lower Upper
 59 100
 57 5.7 9.3 13.9#

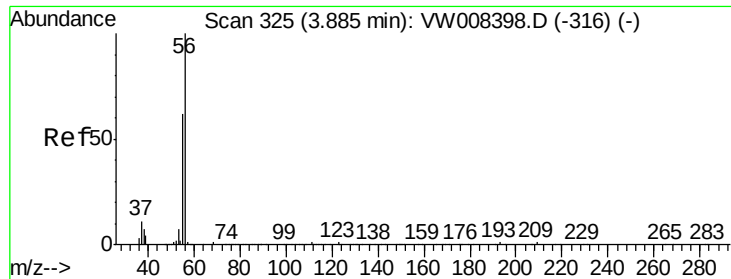


#12

1,1-Dichloroethene
 Concen: 18.539 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion: 96 Resp: 73425
 Ion Ratio Lower Upper
 96 100
 61 160.7 129.5 194.3
 98 65.7 48.6 73.0





#13

Acrolein

Concen: 85.529 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

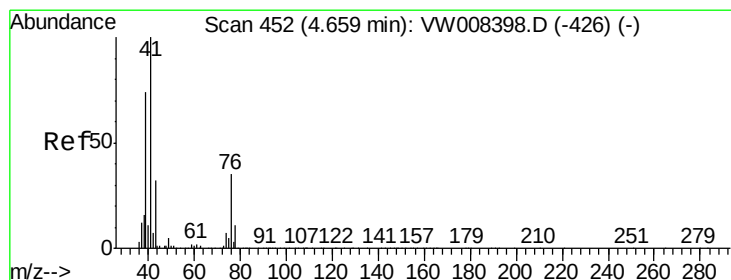
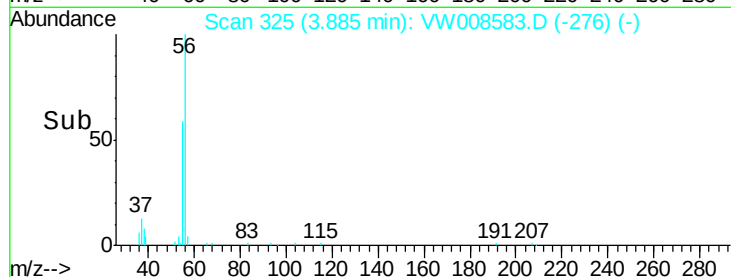
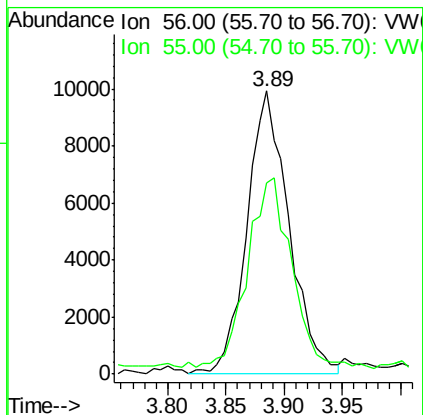
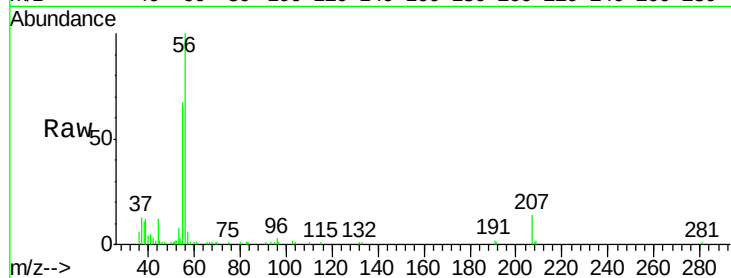
VW0208SBSD01

Tot Ion: 56 Resp: 24980

Ion Ratio Lower Upper

56 100

55 71.7 56.7 85.1



#14

Allyl chloride

Concen: 17.694 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

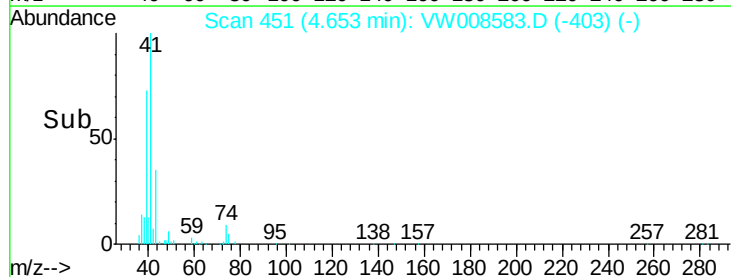
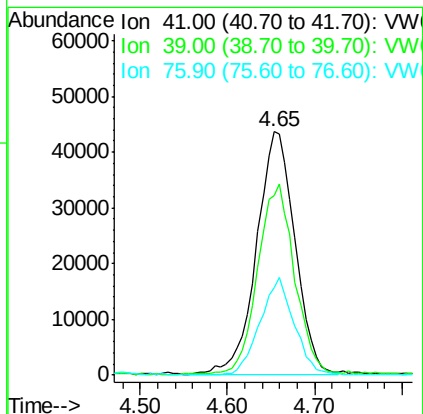
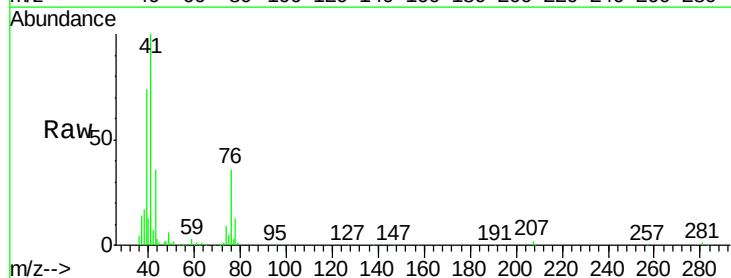
Tgt Ion: 41 Resp: 133071

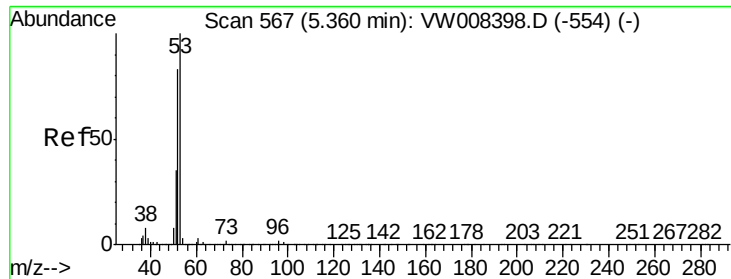
Ion Ratio Lower Upper

41 100

39 74.1 57.7 86.5

76 35.5 26.9 40.3





#15

Acrylonitrile

Concen: 110.155 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

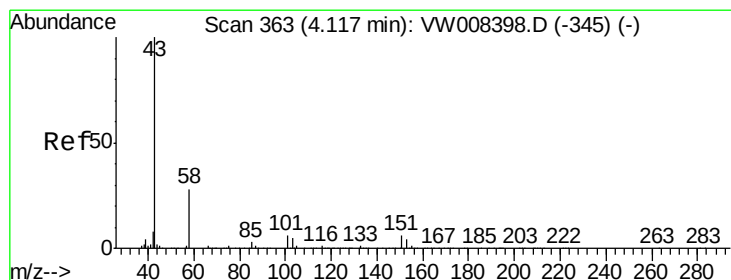
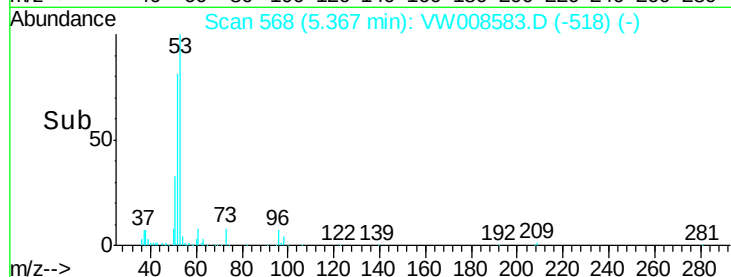
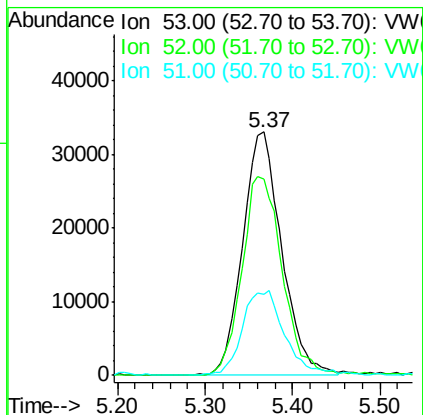
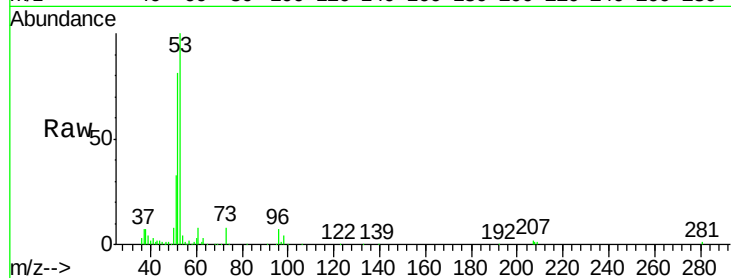
MSVOA_W

ClientSampleId :

VW0208SBSD01

Tot Ion: 53 Resp: 102639

Ion	Ratio	Lower	Upper
53	100		
52	84.7	67.0	100.4
51	37.7	29.8	44.8



#16

Acetone

Concen: 94.631 ug/l

RT: 4.12 min Scan# 364

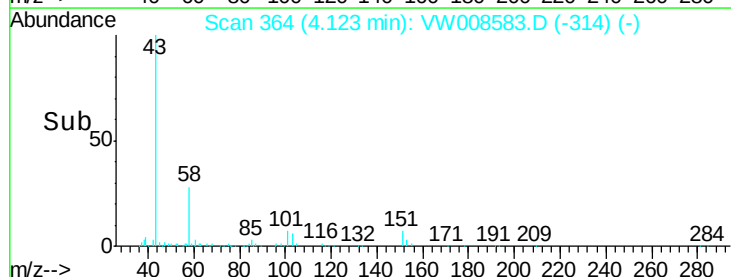
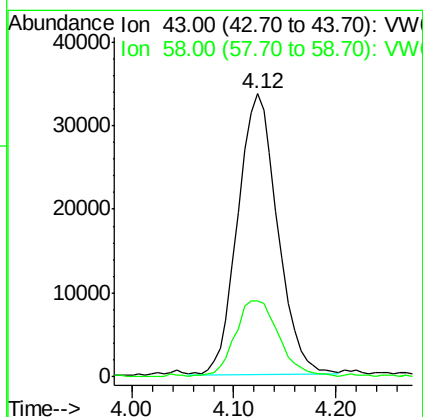
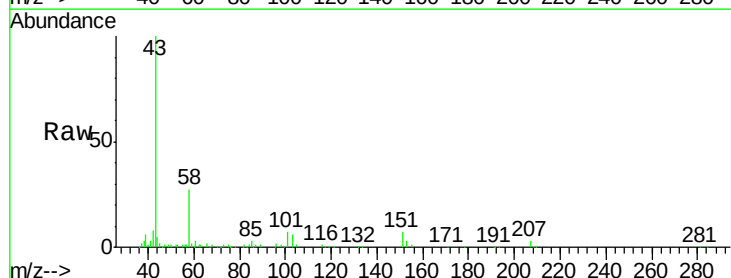
Delta R.T. 0.01 min

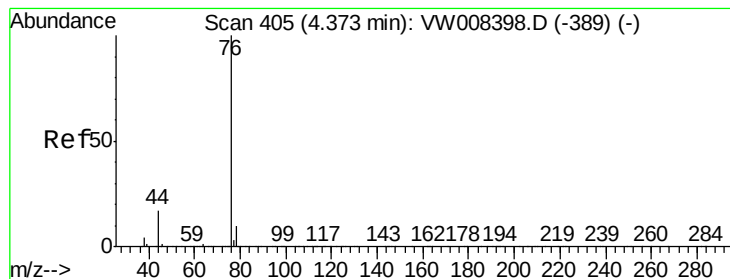
Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Tgt Ion: 43 Resp: 90333

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.6	34.0





#17

Carbon Disulfide

Concen: 16.186 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

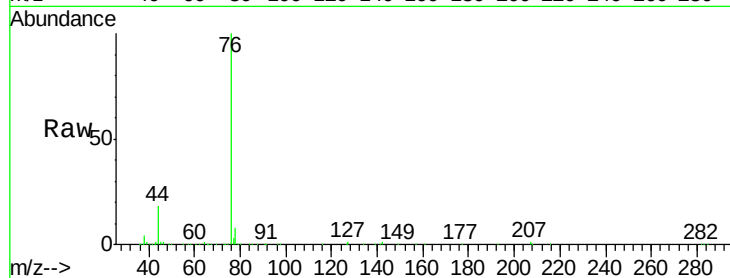
VW0208SBSD01

Tot Ion: 76 Resp: 204739

Ion Ratio Lower Upper

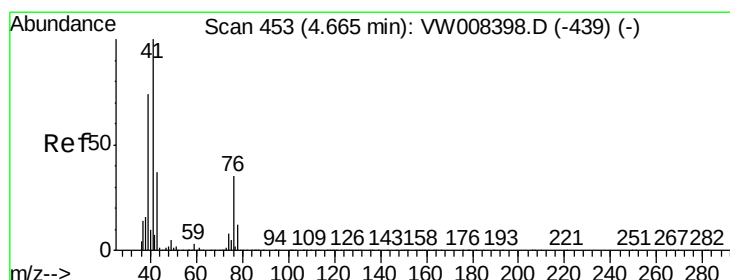
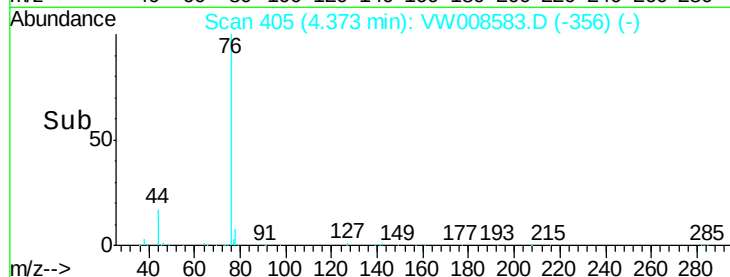
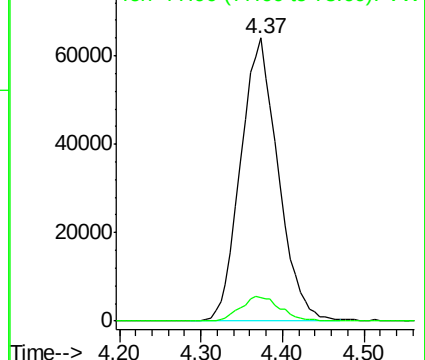
76 100

78 8.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 21.651 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008583.D

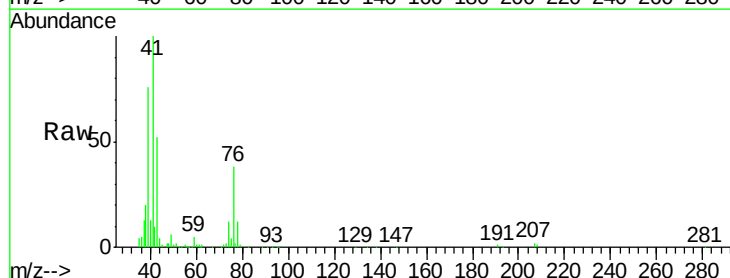
Acq: 08 Feb 2019 20:06

Tgt Ion: 43 Resp: 55125

Ion Ratio Lower Upper

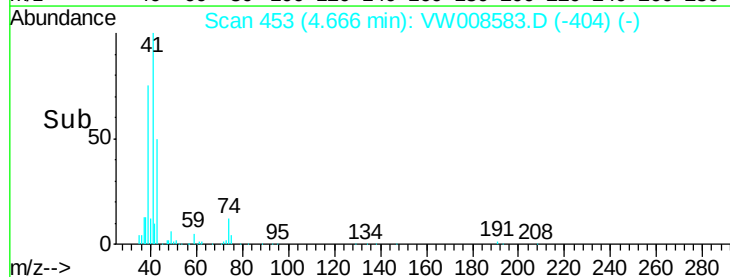
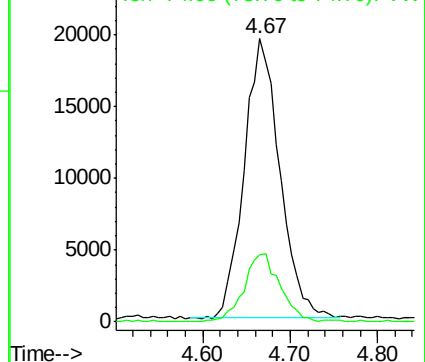
43 100

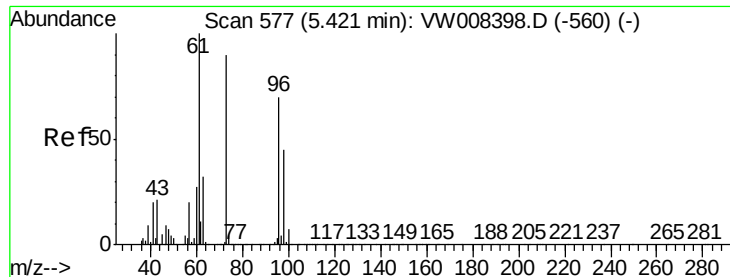
74 24.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

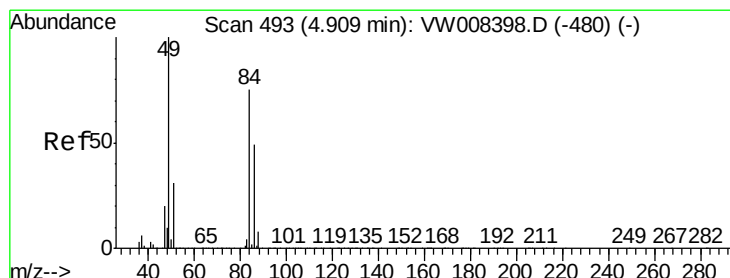
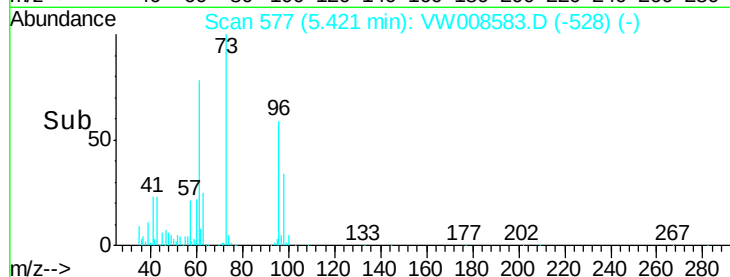
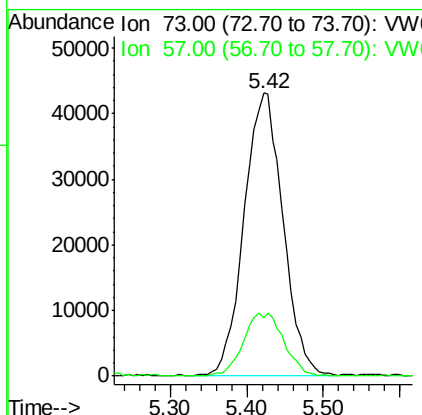
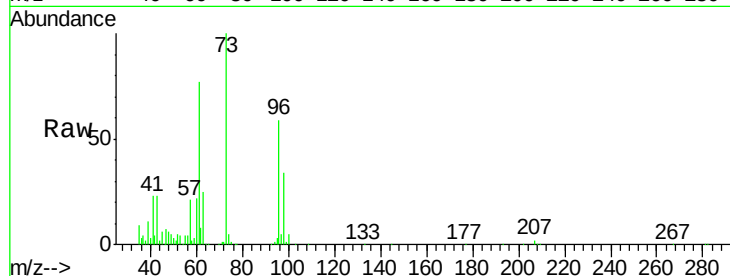




#19
Methyl tert-butyl Ether
Concen: 23.094 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

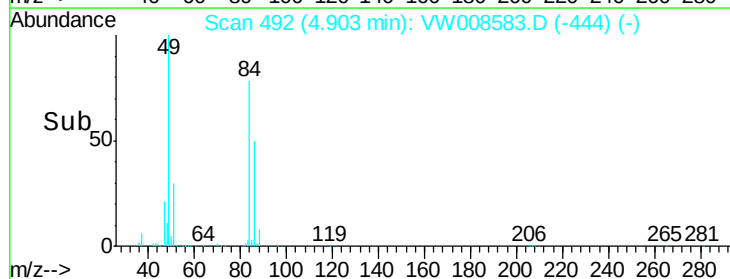
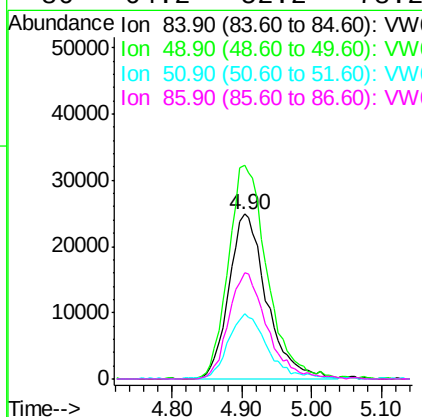
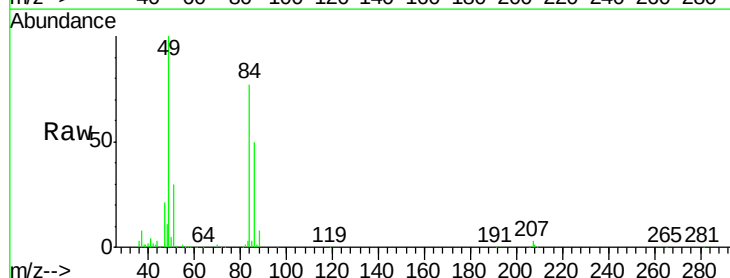
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

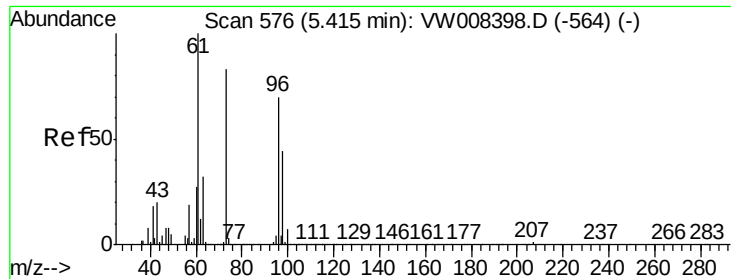
Tot Ion: 73 Resp: 151332
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0



#20
Methylene Chloride
Concen: 21.285 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 84 Resp: 93648
Ion Ratio Lower Upper
84 100
49 129.4 106.8 160.2
51 38.8 32.9 49.3
86 64.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.996 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

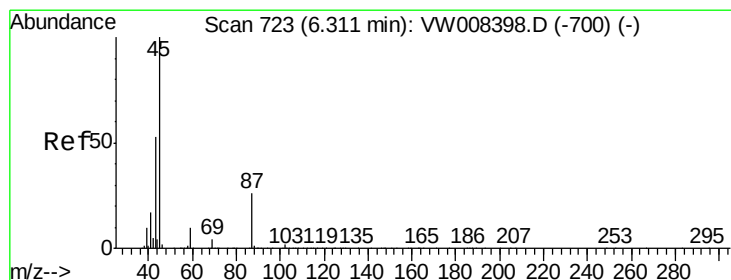
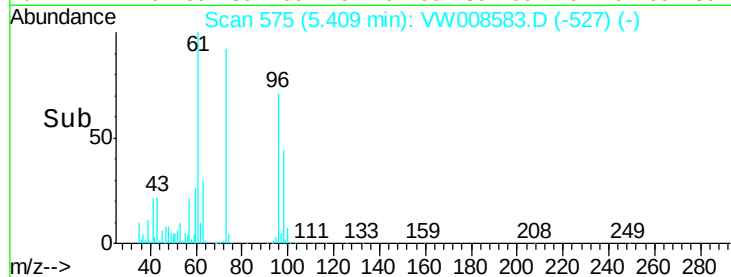
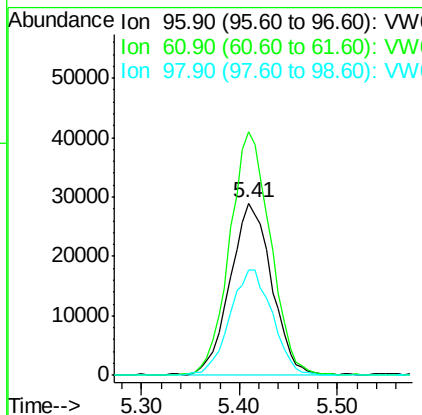
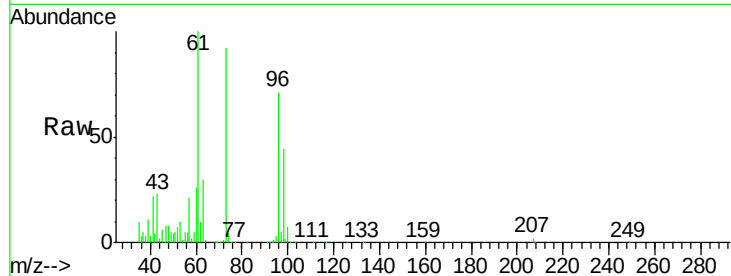
Tot Ion: 96 Resp: 84583

Ion Ratio Lower Upper

96 100

61 141.1 114.4 171.6

98 61.6 50.6 75.8



#22

Diisopropyl ether

Concen: 19.704 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Tgt Ion: 45 Resp: 280846

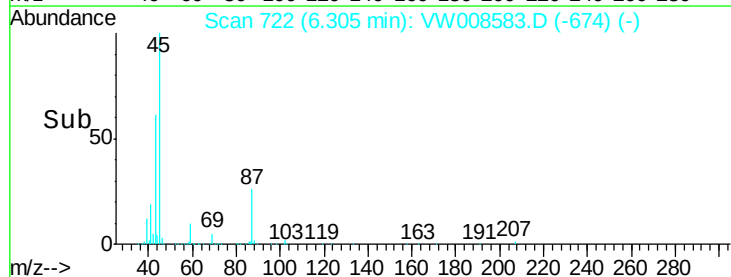
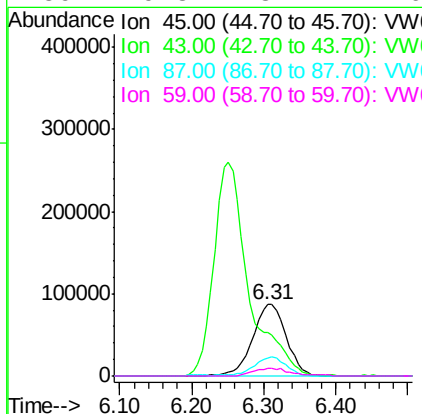
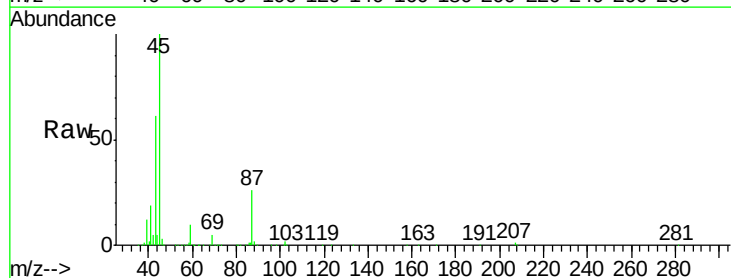
Ion Ratio Lower Upper

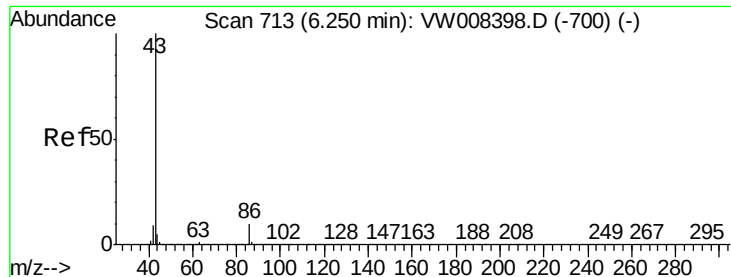
45 100

43 60.2 42.6 63.8

87 25.4 20.3 30.5

59 9.8 8.4 12.6





#23

Vinyl Acetate

Concen: 103.559 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

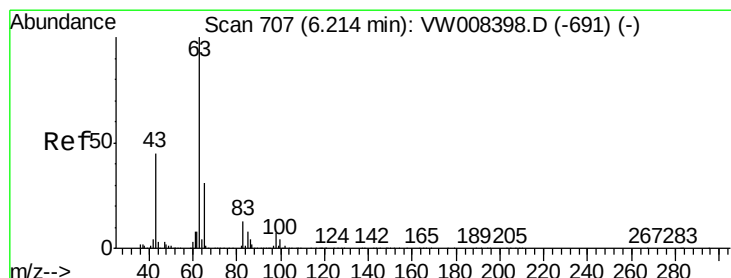
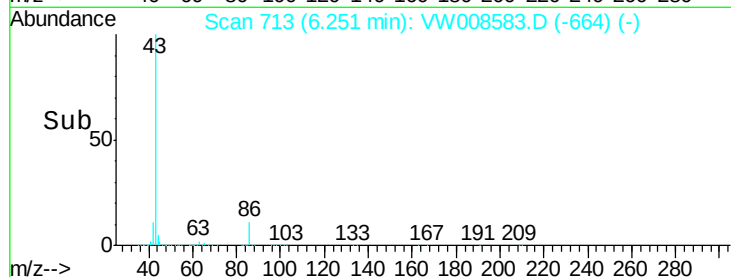
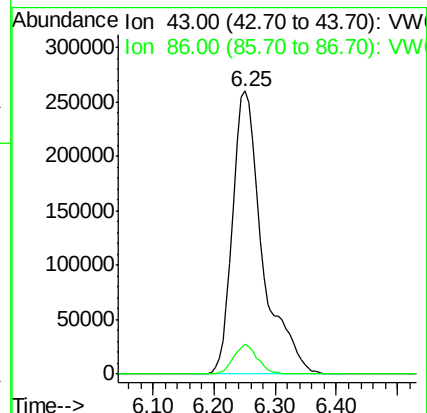
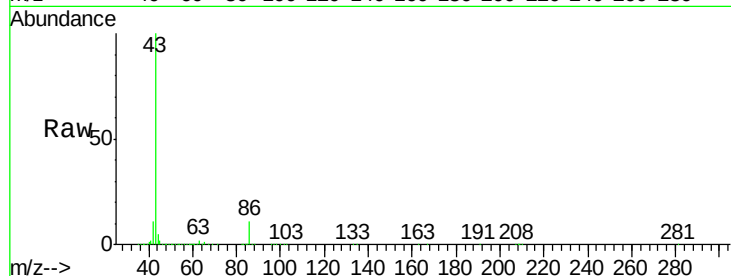
VW0208SBSD01

Tot Ion: 43 Resp: 871583

Ion Ratio Lower Upper

43 100

86 10.7 7.8 11.8



#24

1,1-Dichloroethane

Concen: 19.114 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

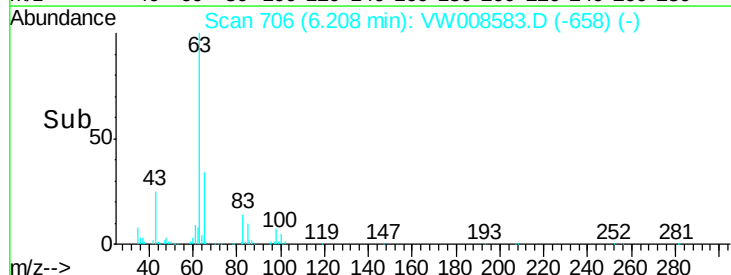
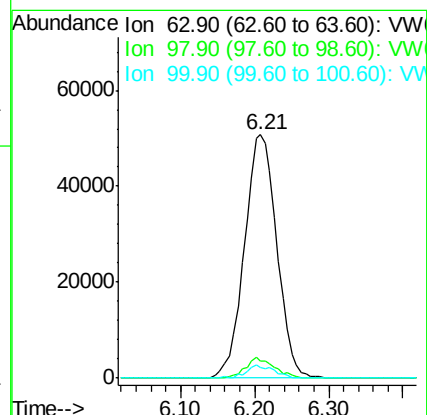
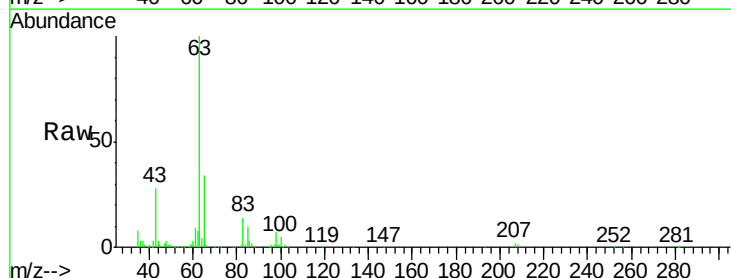
Tgt Ion: 63 Resp: 154213

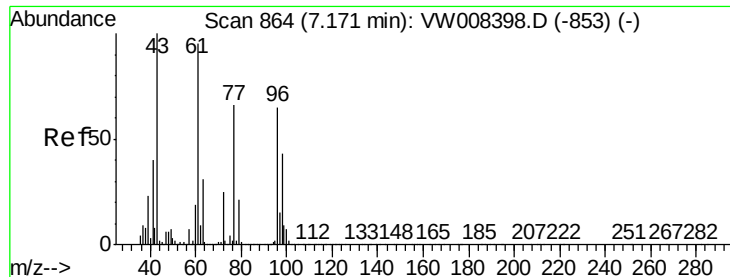
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.1 6.2





#25

2-Butanone

Concen: 109.625 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

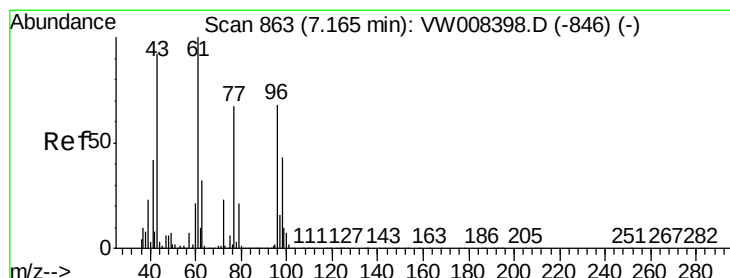
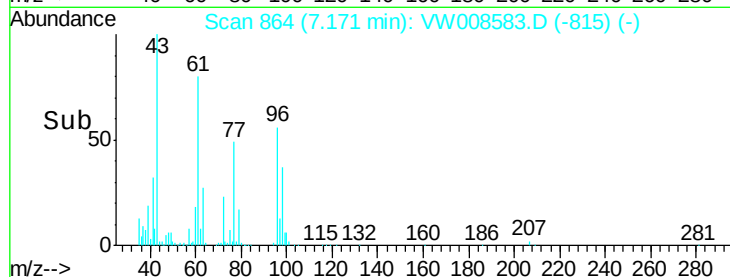
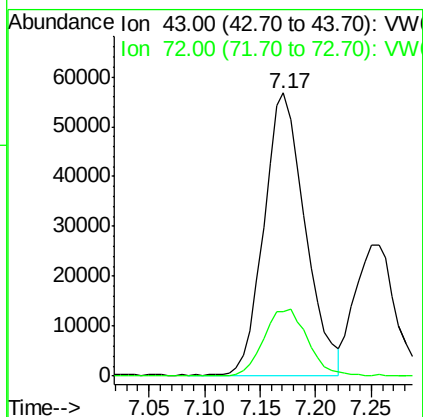
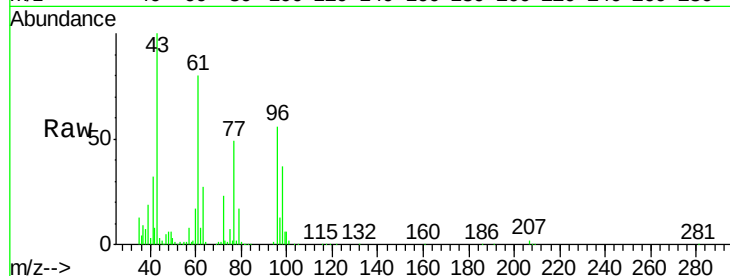
VW0208SBSD01

Tot Ion: 43 Resp: 145351

Ion Ratio Lower Upper

43 100

72 22.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.793 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008583.D

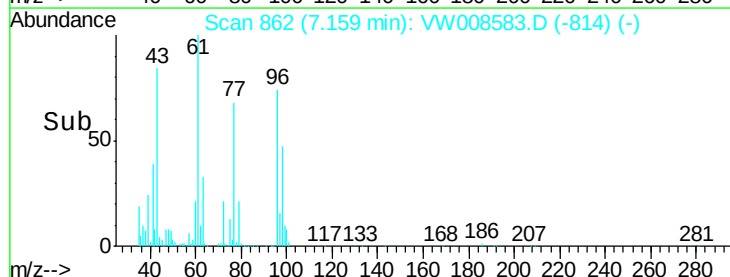
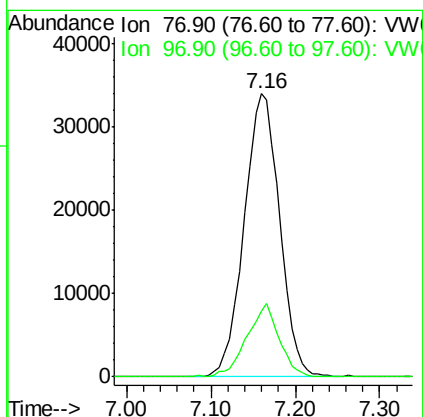
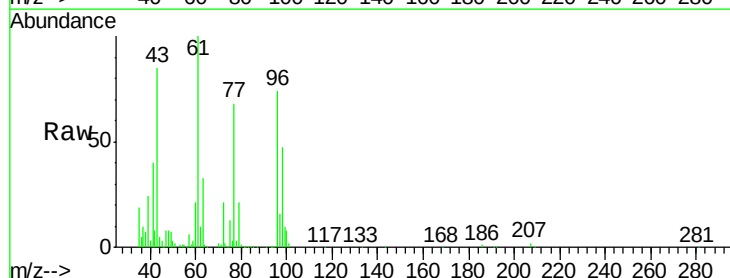
Acq: 08 Feb 2019 20:06

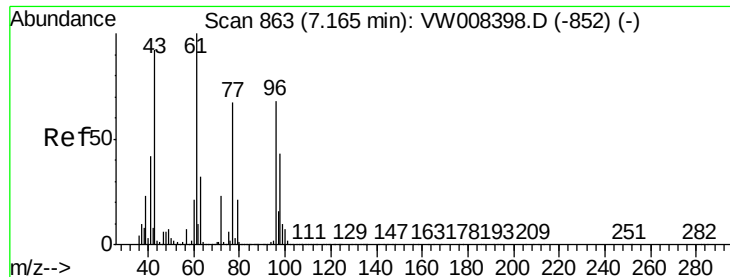
Tgt Ion: 77 Resp: 97034

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



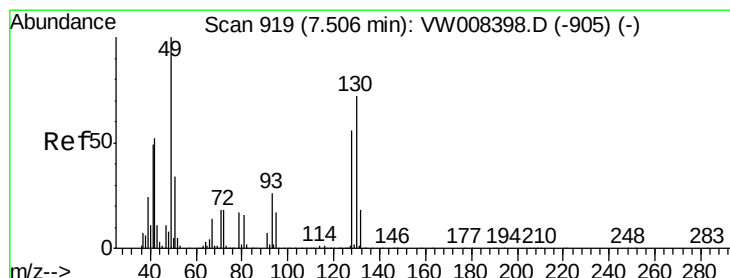
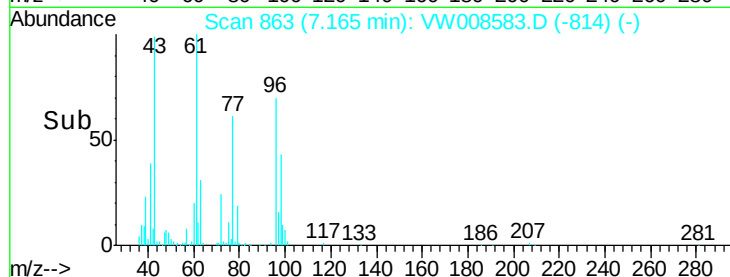
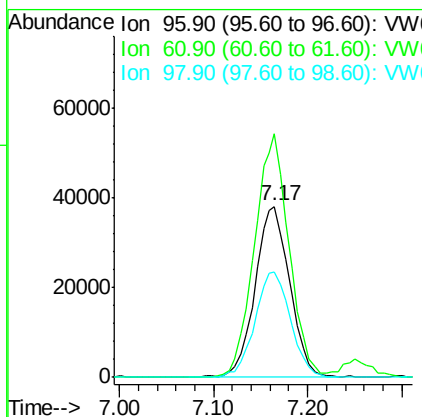
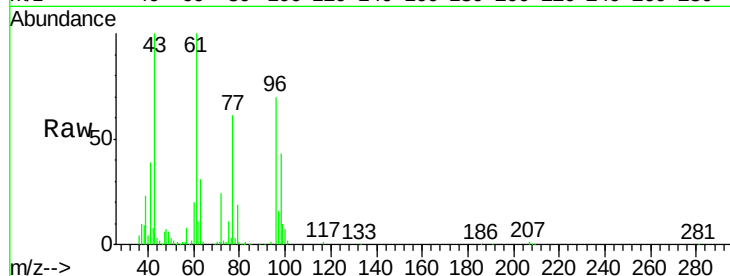


#27

cis-1,2-Dichloroethene
Concen: 20.278 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

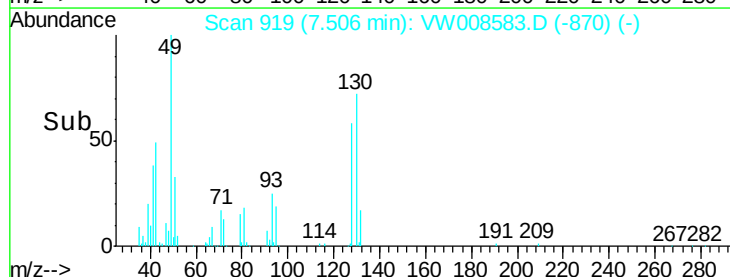
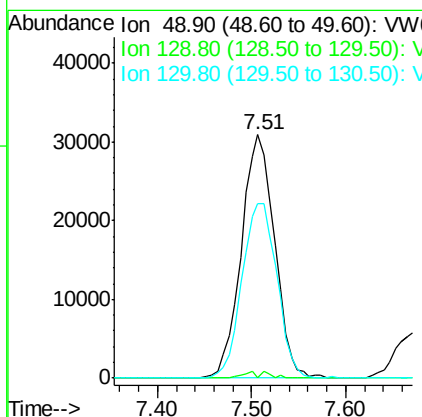
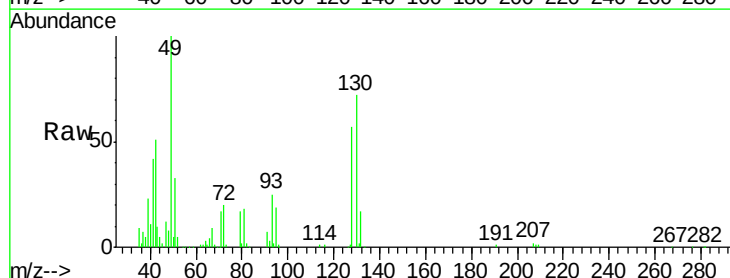
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	292.8
98	63.4	0.0	129.2

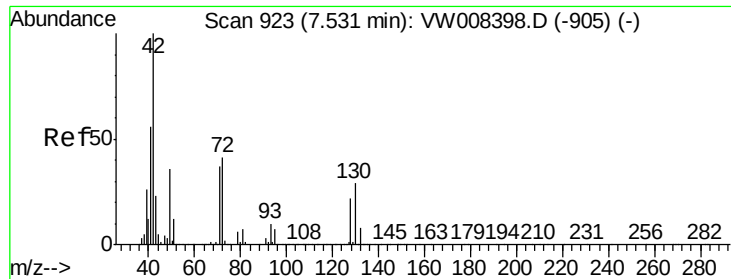


#28

Bromochloromethane
Concen: 20.540 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	0.0	58.6	87.8#





#29

Tetrahydrofuran

Concen: 116.009 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBS01

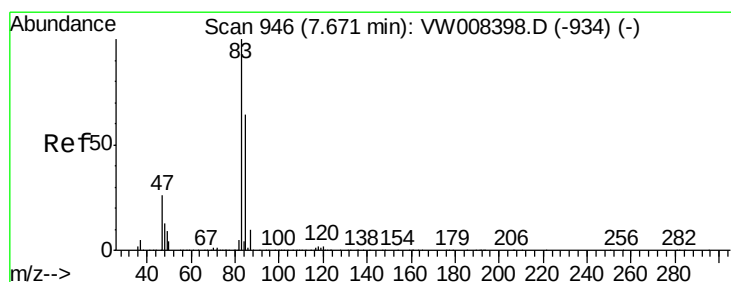
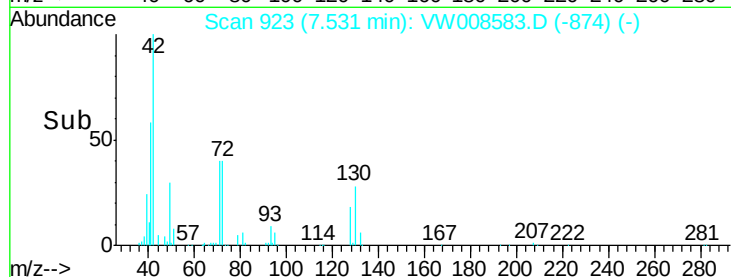
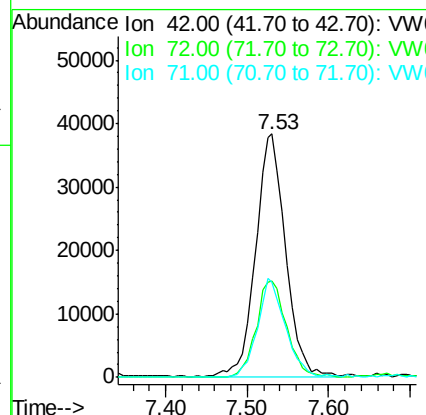
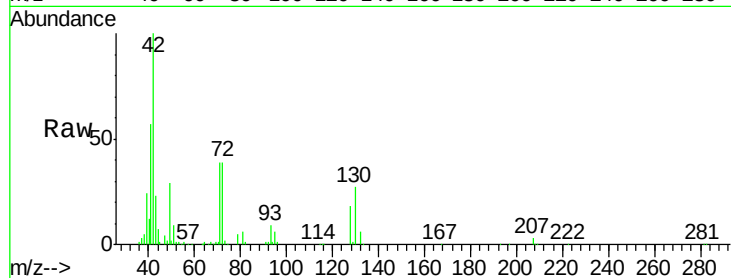
Tot Ion: 42 Resp: 97473

Ion Ratio Lower Upper

42 100

72 40.8 31.9 47.9

71 38.2 29.9 44.9



#30

Chloroform

Concen: 20.046 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW008583.D

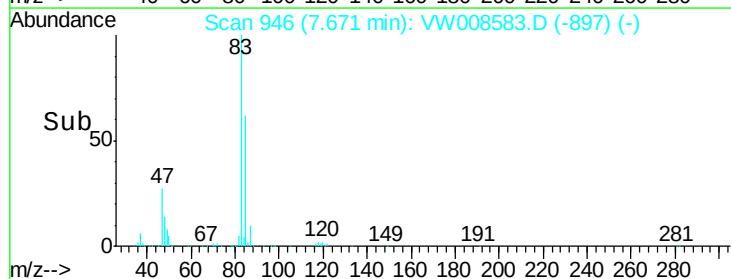
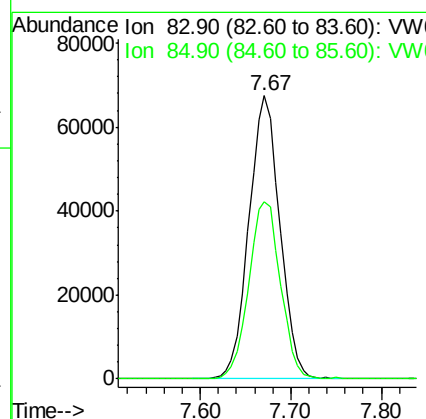
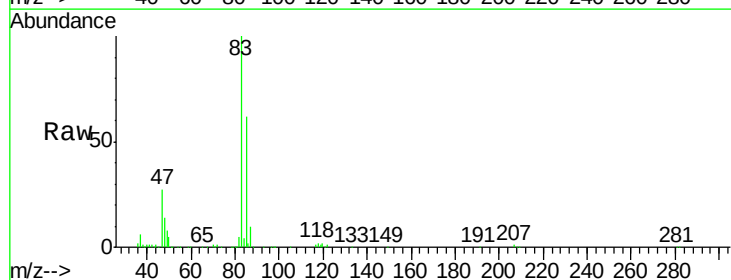
Acq: 08 Feb 2019 20:06

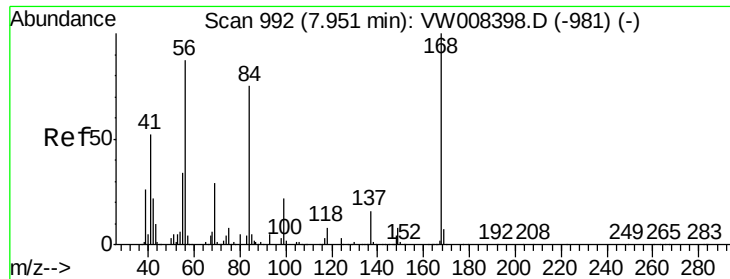
Tgt Ion: 83 Resp: 159080

Ion Ratio Lower Upper

83 100

85 62.4 50.9 76.3





#31

Cyclohexane

Concen: 17.626 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

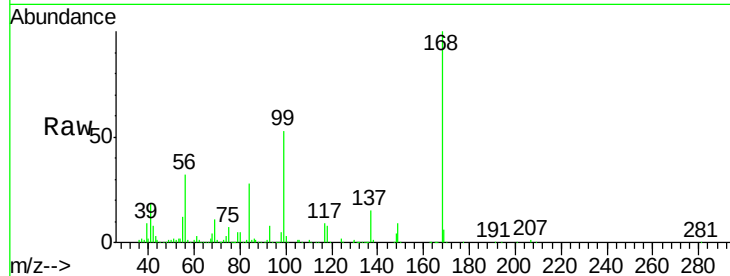
Tot Ion: 56 Resp: 147048

Ion Ratio Lower Upper

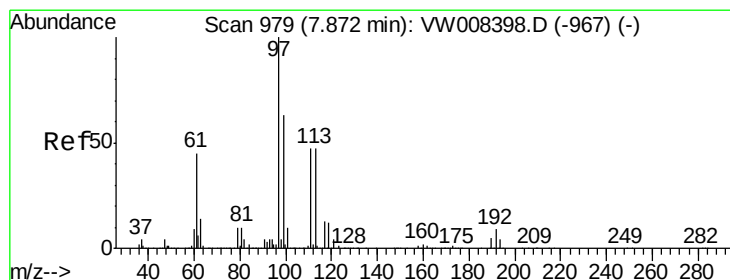
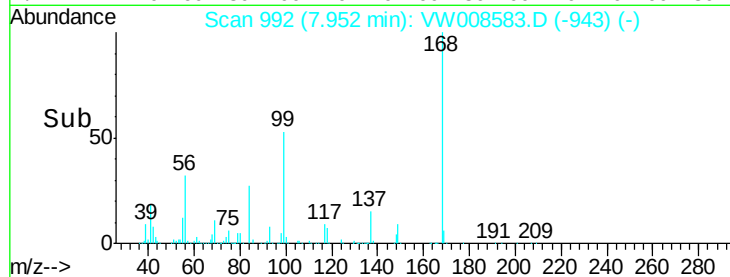
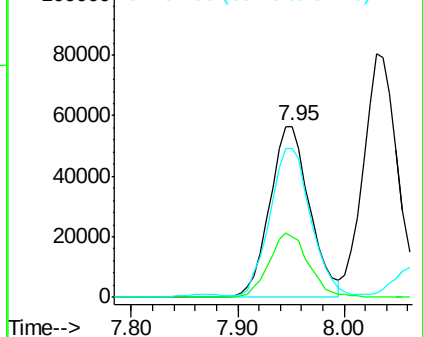
56 100

69 35.3 26.4 39.6

84 85.6 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 19.168 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

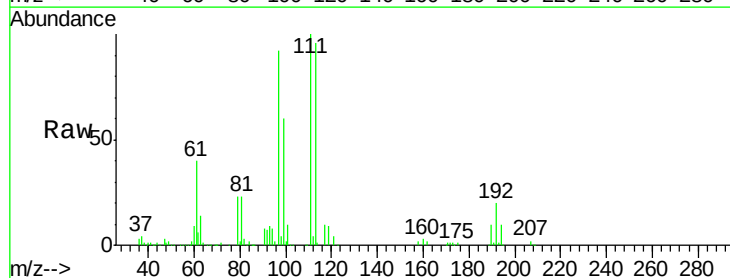
Tgt Ion: 97 Resp: 131383

Ion Ratio Lower Upper

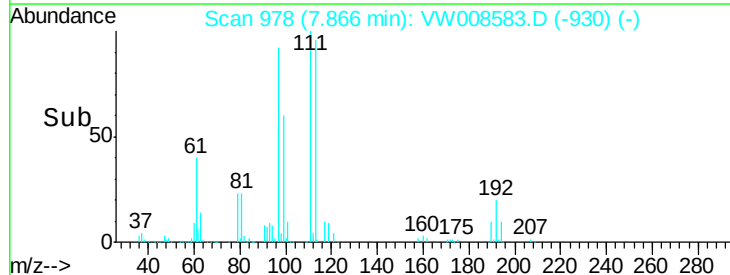
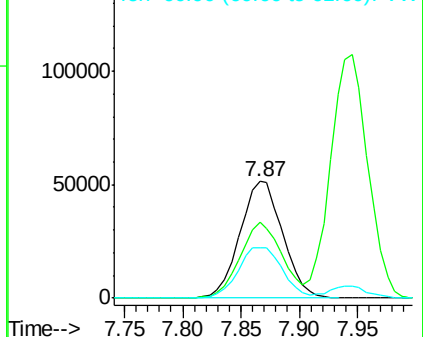
97 100

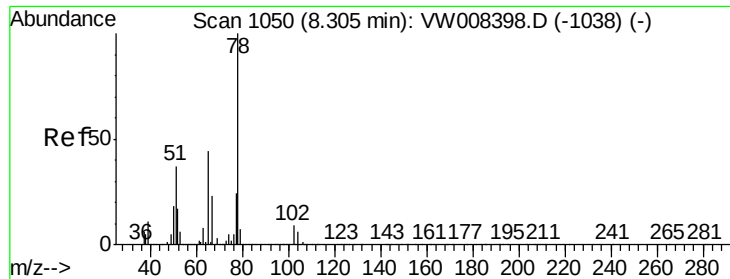
99 63.7 51.3 76.9

61 45.1 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

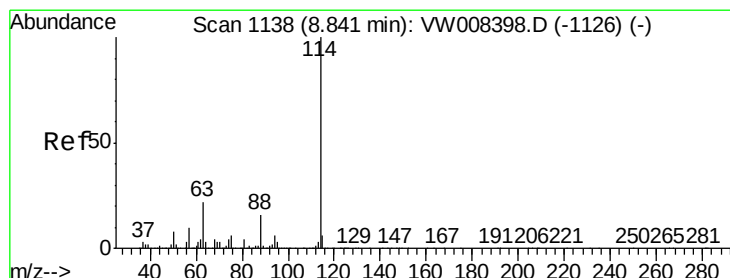
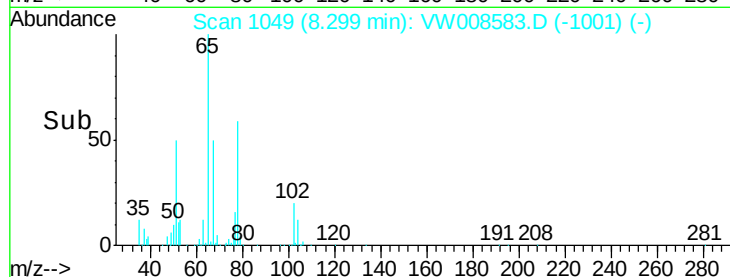
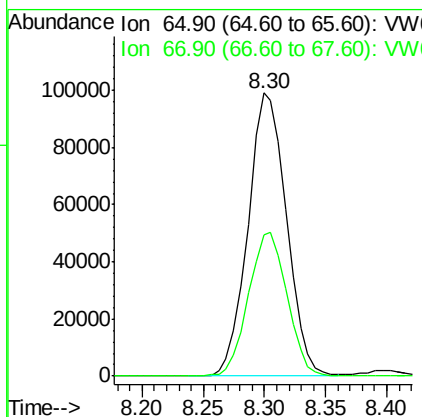
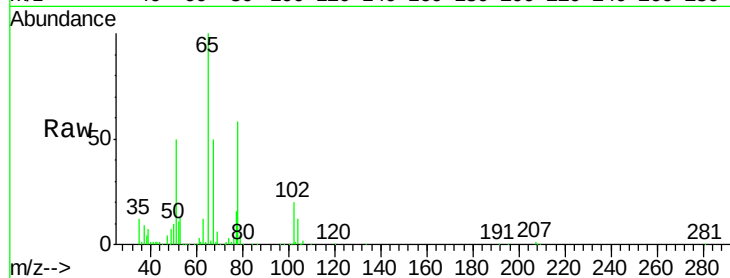




#33
 1,2-Dichloroethane-d4
 Concen: 51.102 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

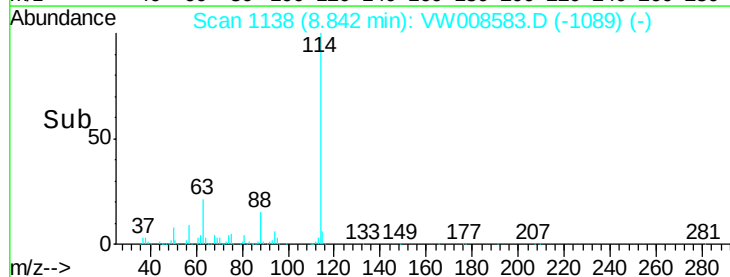
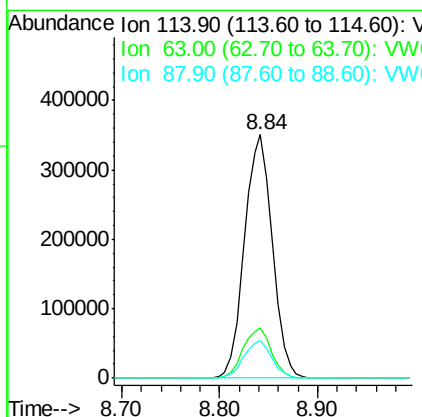
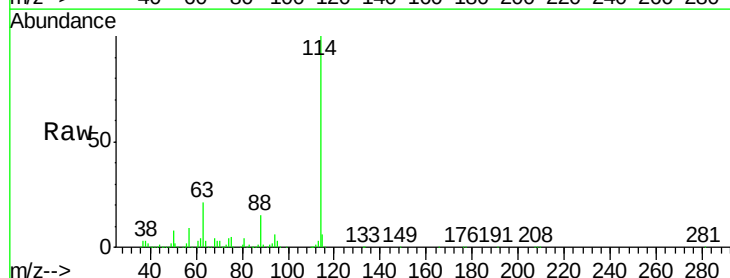
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0208SBSD01

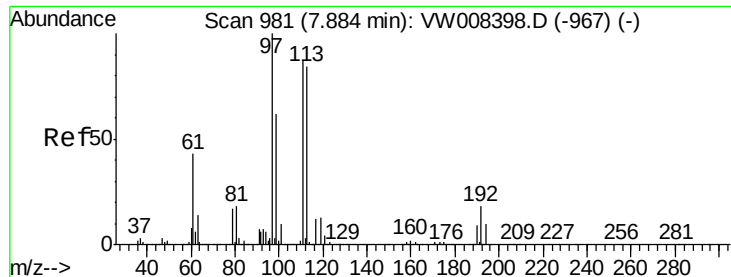
Tot Ion: 65 Resp: 217226
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion: 114 Resp: 690144
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.6
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.239 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

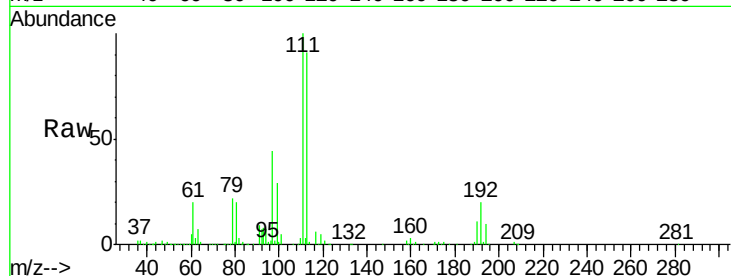
Tot Ion:113 Resp: 194669

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.4

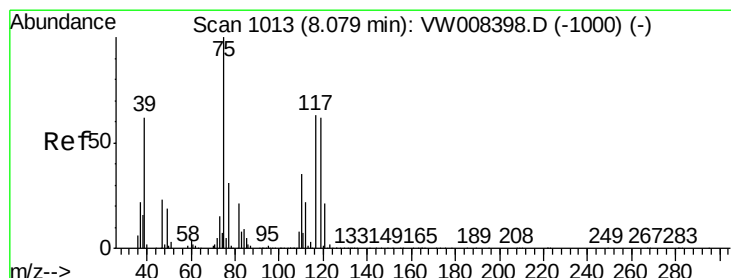
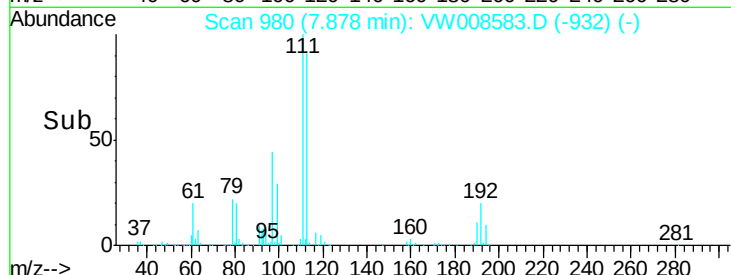
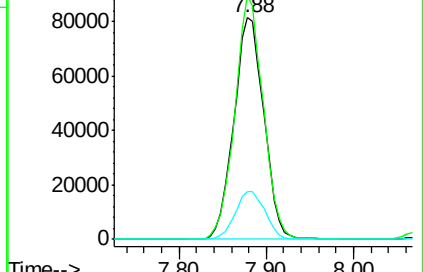
192 21.7 16.8 25.2



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: 18.890 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

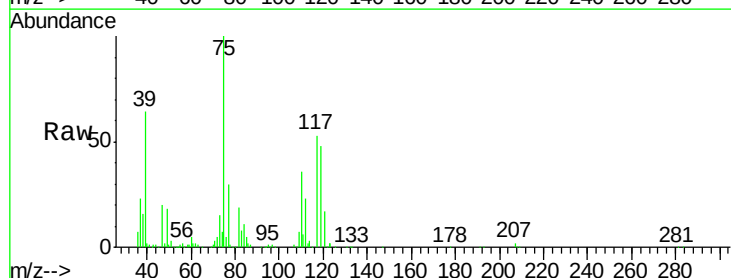
Tgt Ion: 75 Resp: 123150

Ion Ratio Lower Upper

75 100

110 35.3 17.3 52.0

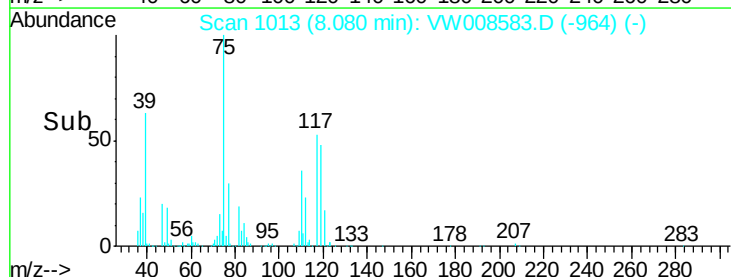
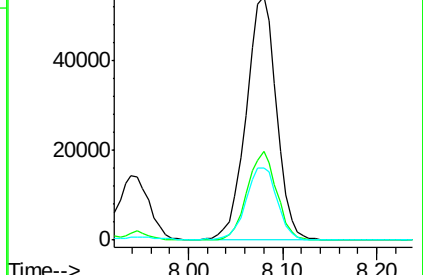
77 31.1 24.7 37.1

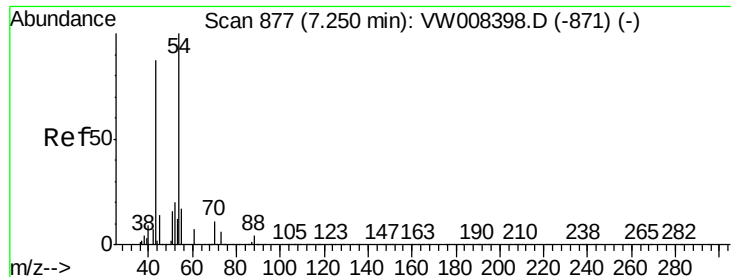


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 22.763 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

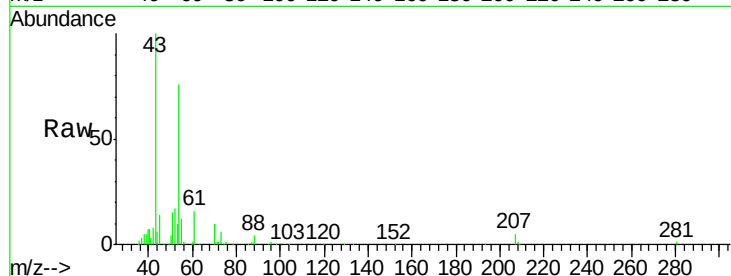
Tot Ion: 43 Resp: 65654

Ion Ratio Lower Upper

43 100

61 13.9 10.1 15.1

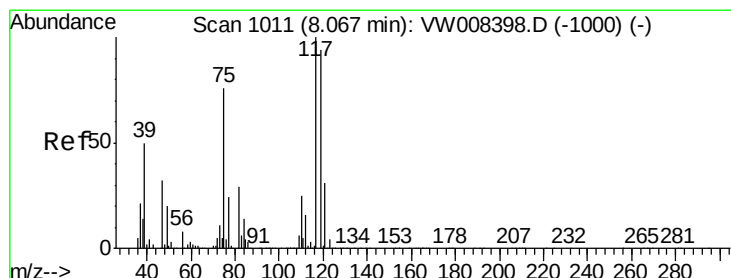
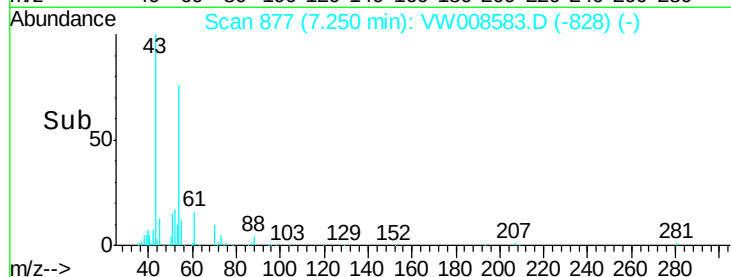
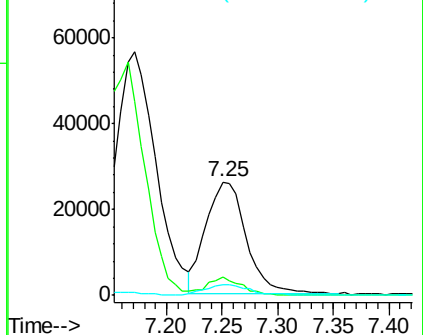
70 10.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 18.721 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

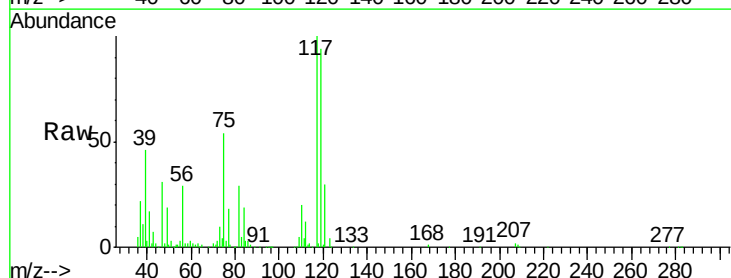
Tgt Ion: 117 Resp: 122814

Ion Ratio Lower Upper

117 100

119 93.7 75.0 112.4

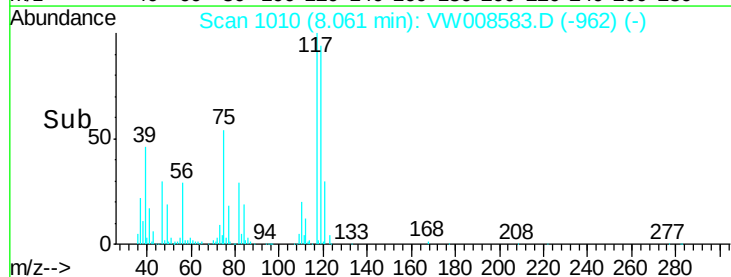
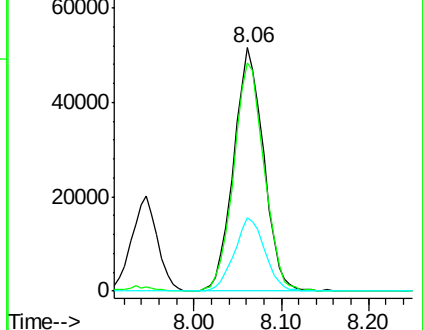
121 30.4 24.9 37.3

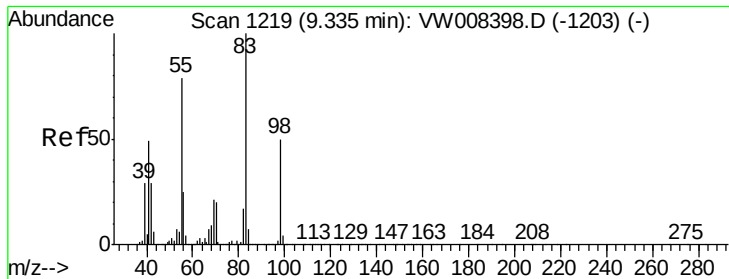


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

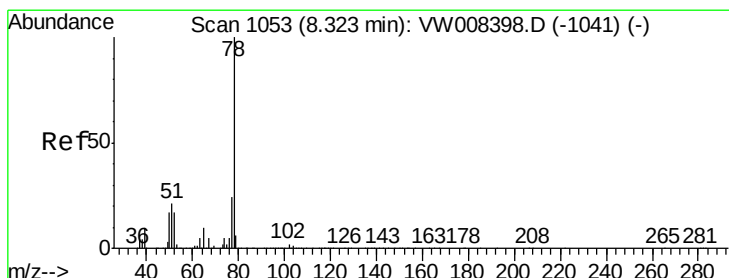
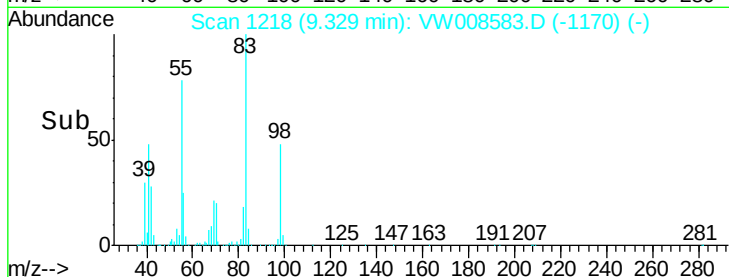
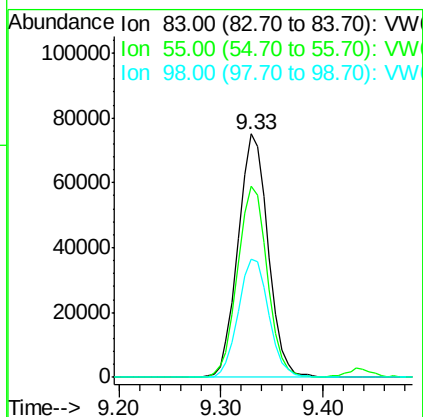
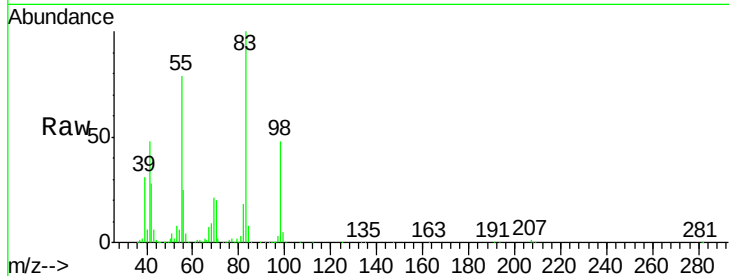




#39
Methylvlcyclohexane
Concen: 17.921 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

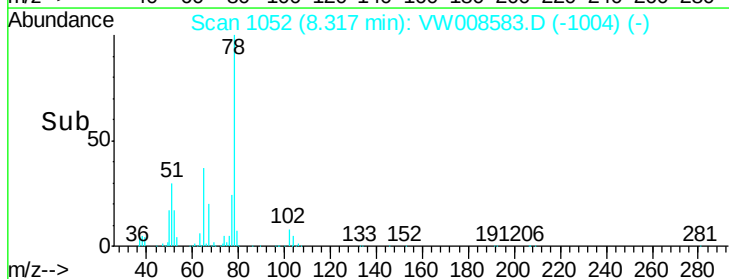
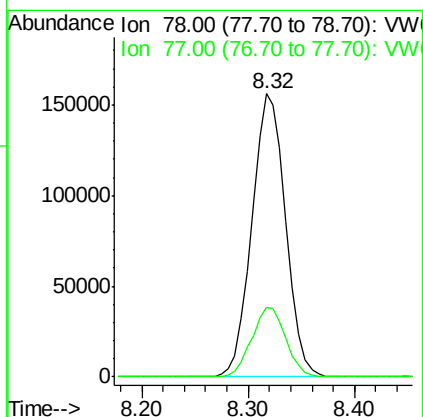
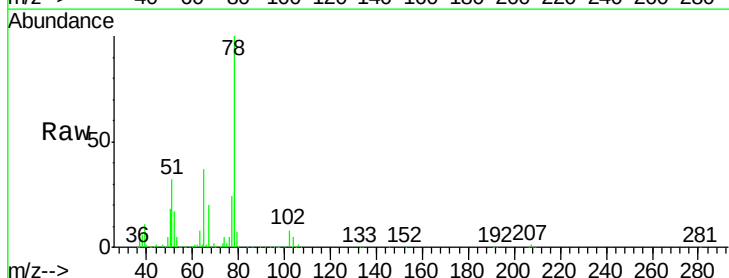
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

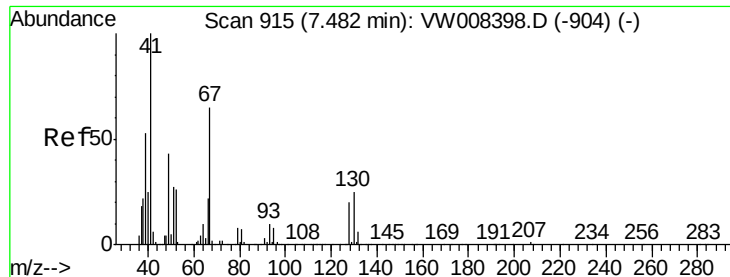
Tot Ion	83.00	Resp	153473
Ion Ratio	Lower	Upper	
83	100		
55	78.5	63.3	94.9
98	48.4	39.7	59.5



#40
Benzene
Concen: 19.105 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion	78.00	Resp	345602
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.6

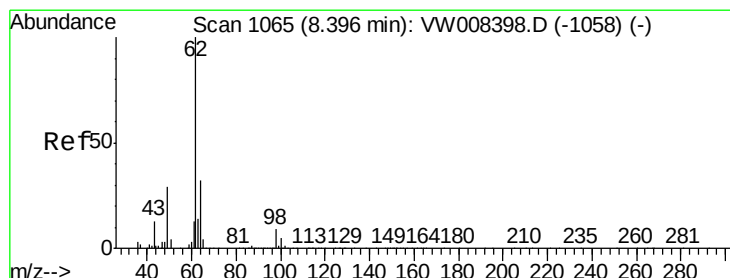
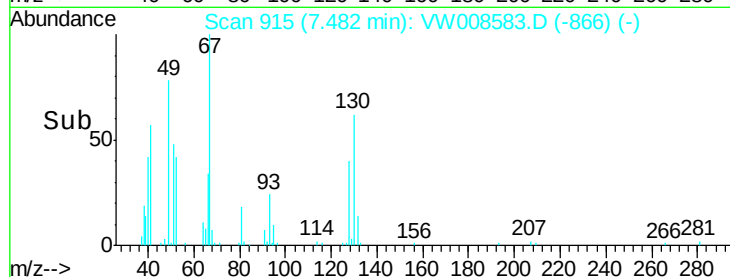
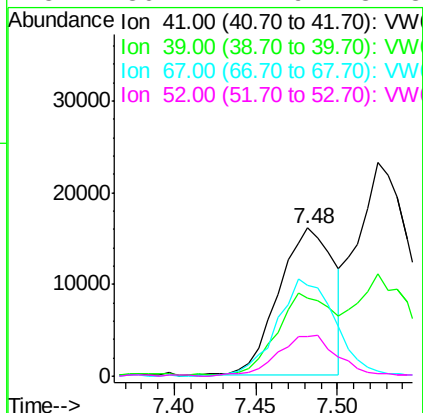
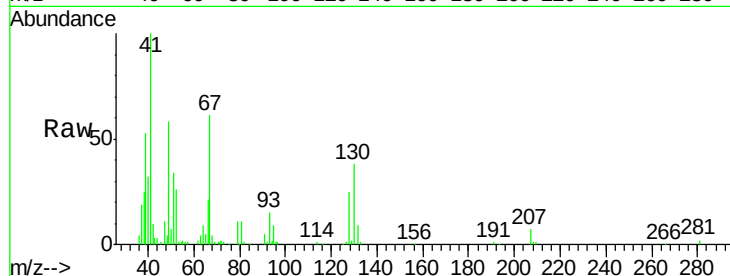




#41
Methacrylonitrile
Concen: 22.191 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

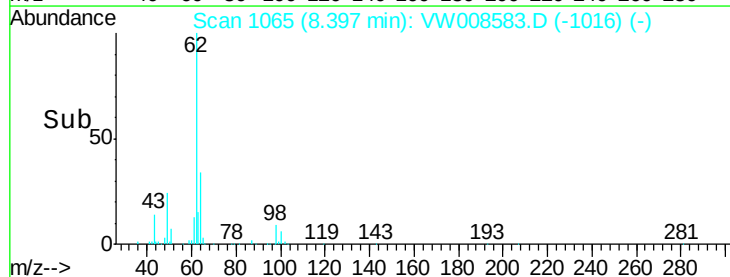
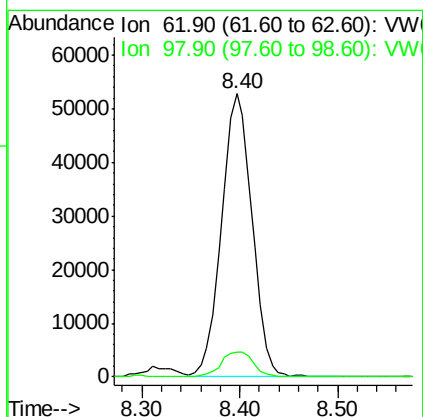
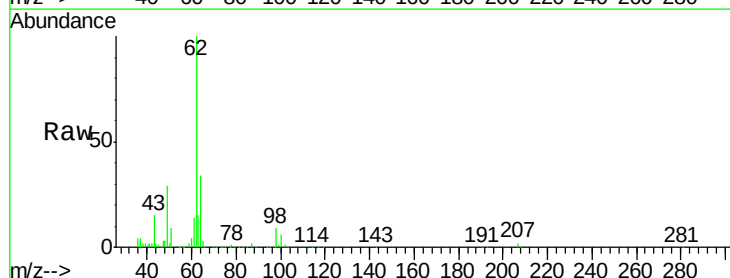
Instrument :
MSVOA_W
ClientSampled :
VW0208SBSD01

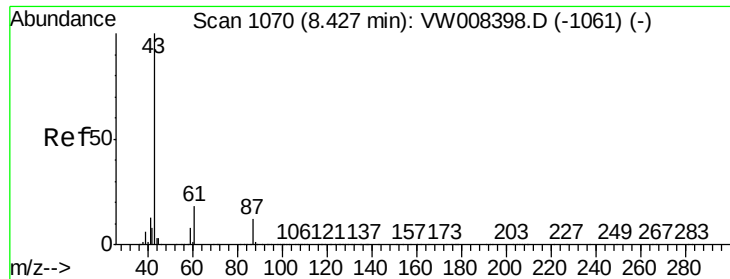
Tot Ion:	41	Resp:	37899
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.4	65.0
67	70.3	54.2	81.2
52	30.2	22.9	34.3



#42
1,2-Dichloroethane
Concen: 21.796 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion:	62	Resp:	114262
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 22.152 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

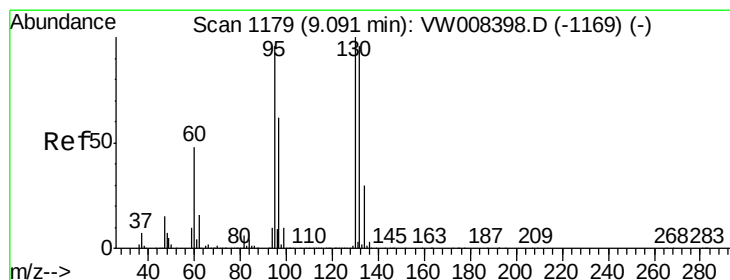
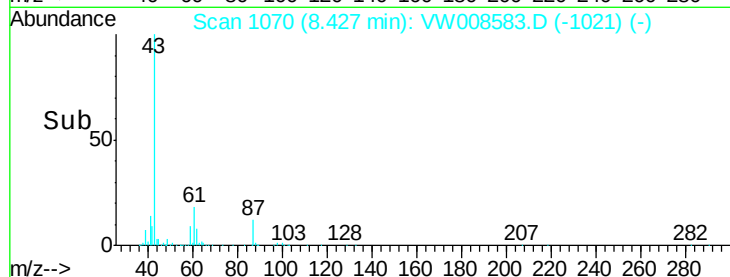
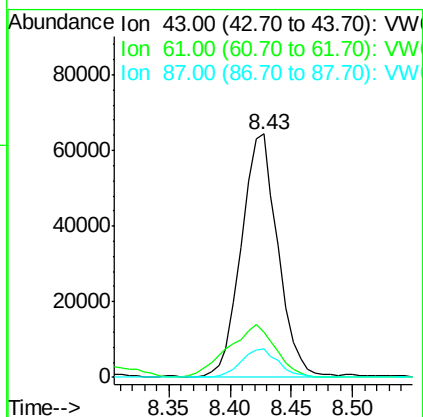
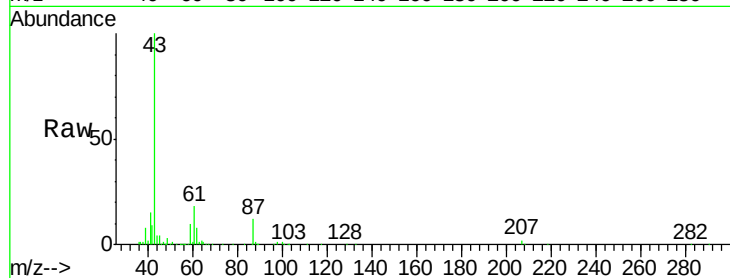
Tot Ion: 43 Resp: 132739

Ion Ratio Lower Upper

43 100

61 28.1 22.0 33.0

87 12.2 9.3 13.9



#44

Trichloroethene

Concen: 19.524 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008583.D

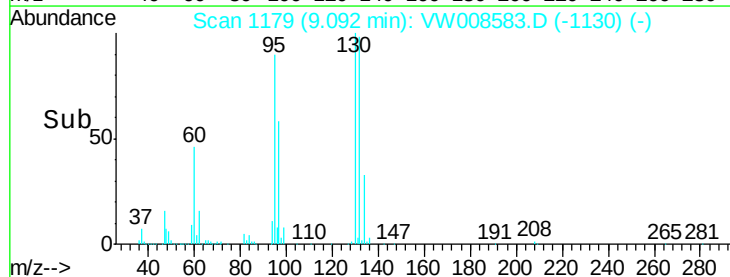
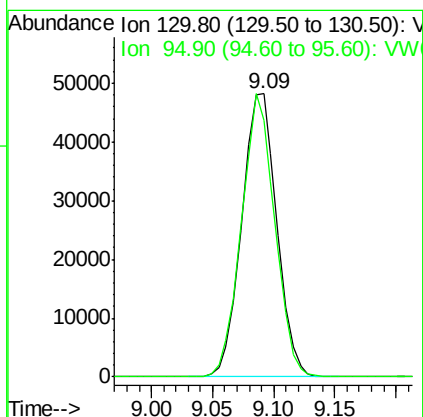
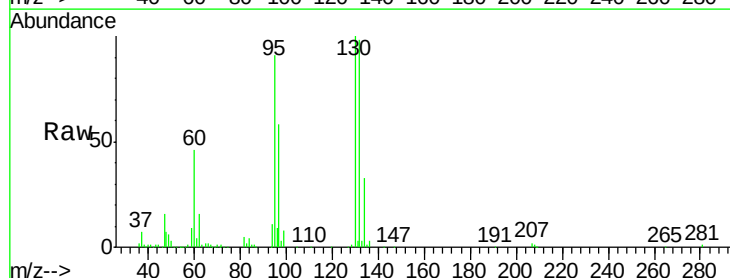
Acq: 08 Feb 2019 20:06

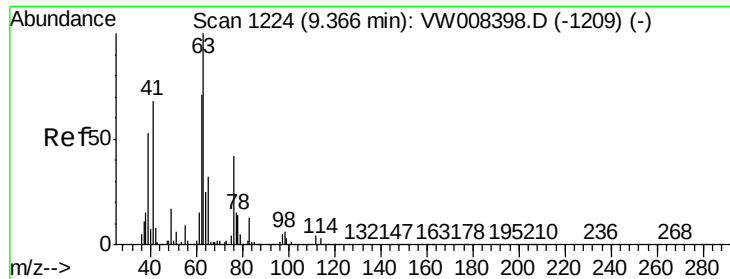
Tgt Ion: 130 Resp: 96042

Ion Ratio Lower Upper

130 100

95 90.5 0.0 191.6

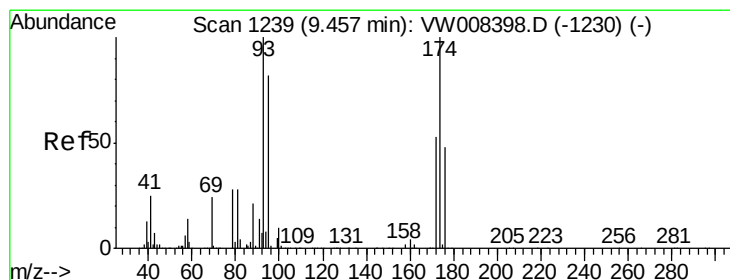
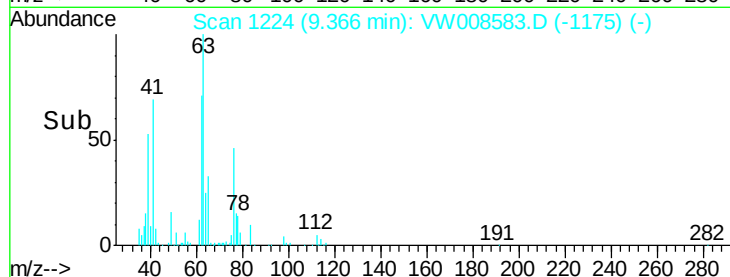
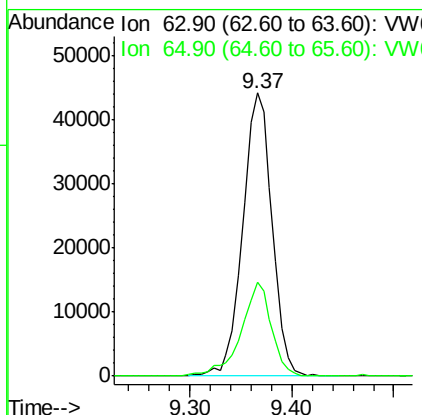
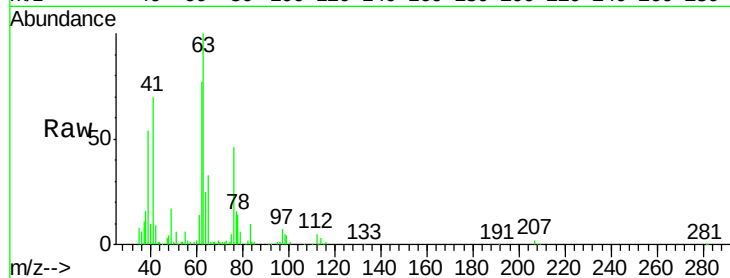




#45
 1,2-Dichloropropane
 Concen: 19.549 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

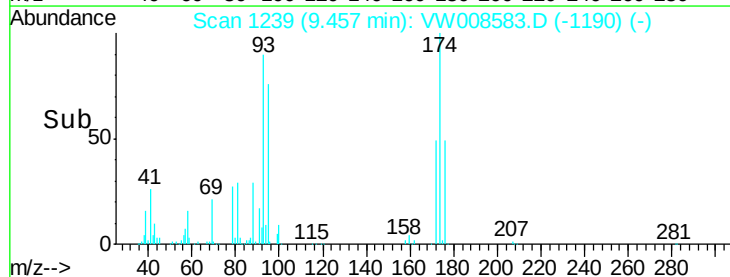
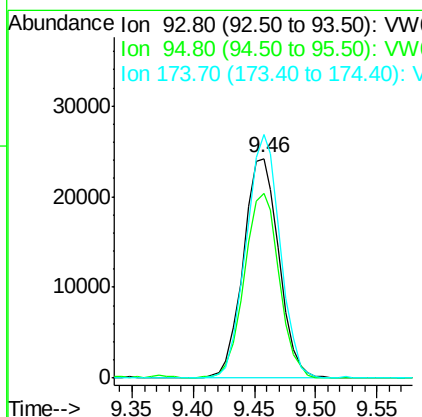
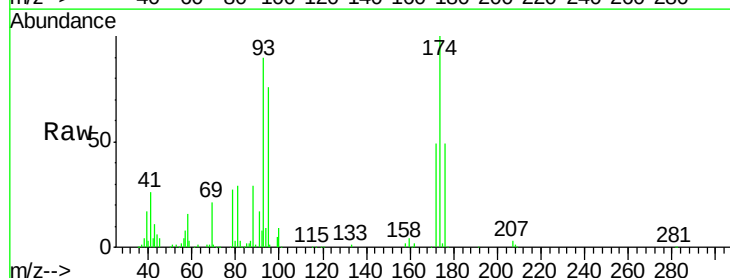
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

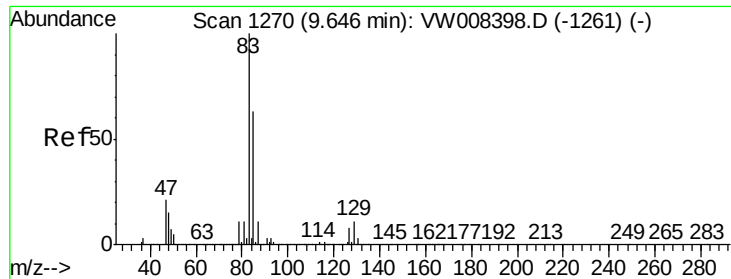
Tot Ion: 63 Resp: 88175
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.2 37.8



#46
 Dibromomethane
 Concen: 21.109 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion: 93 Resp: 48970
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 105.9 81.0 121.6





#47

Bromodichloromethane

Concen: 19.871 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

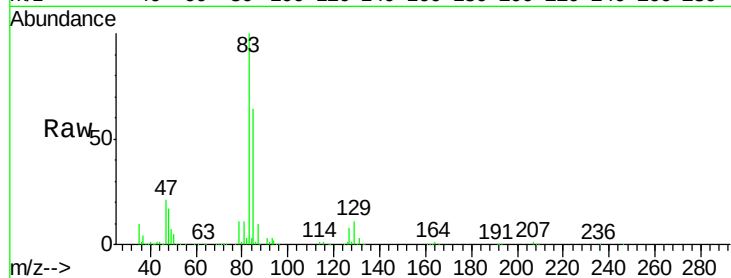
Tot Ion: 83 Resp: 121934

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2

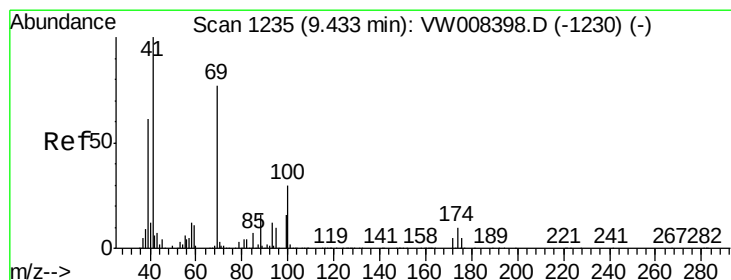
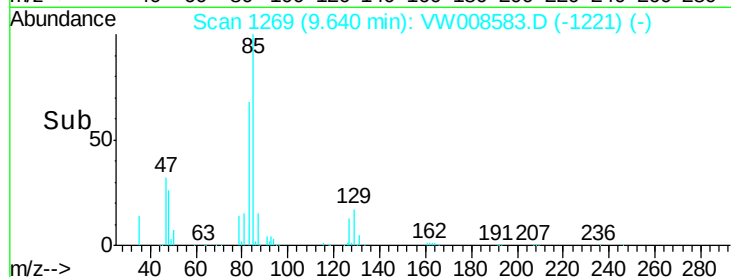
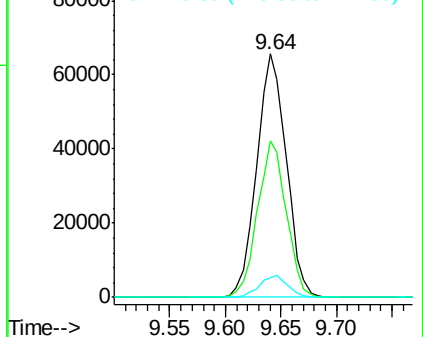
127 8.1 6.8 10.2



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: 20.551 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

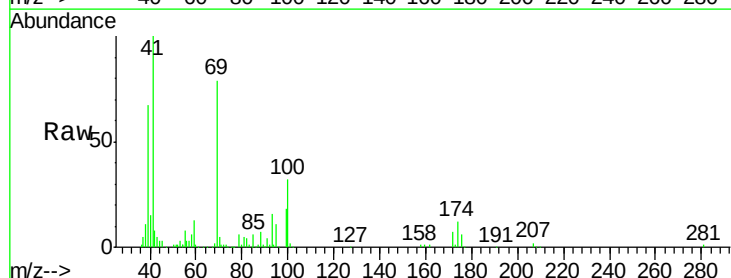
Tgt Ion: 41 Resp: 60214

Ion Ratio Lower Upper

41 100

69 81.9 64.8 97.2

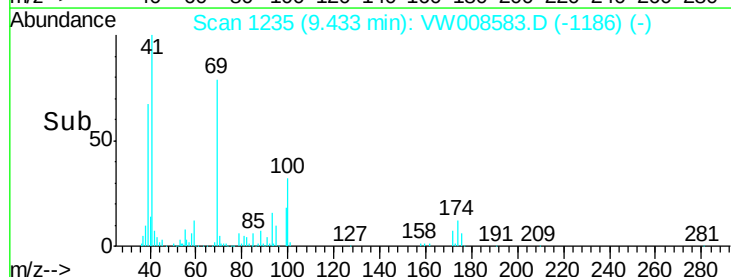
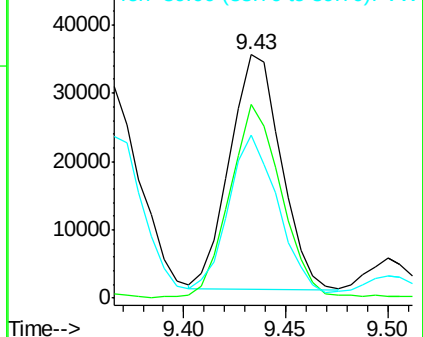
39 63.9 49.1 73.7

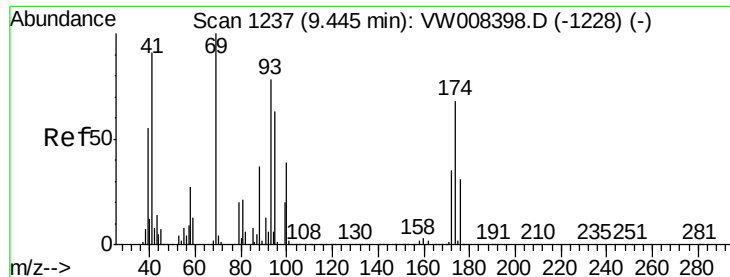


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

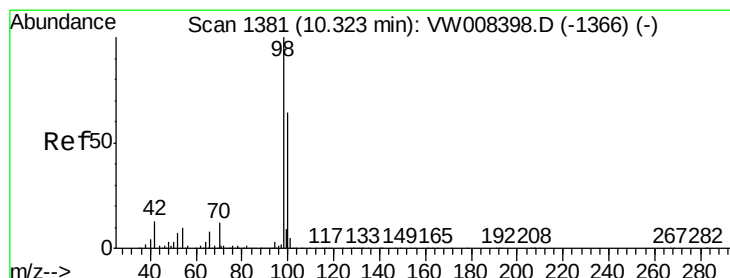
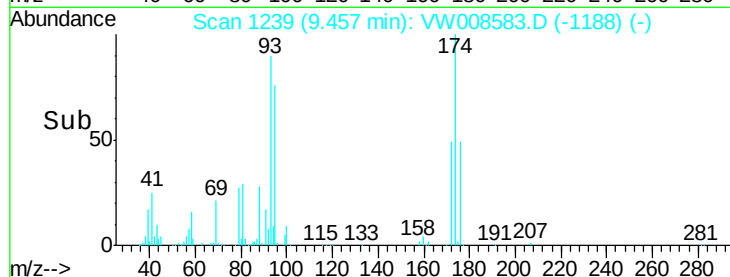
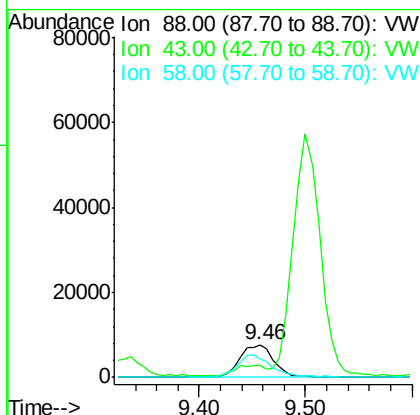
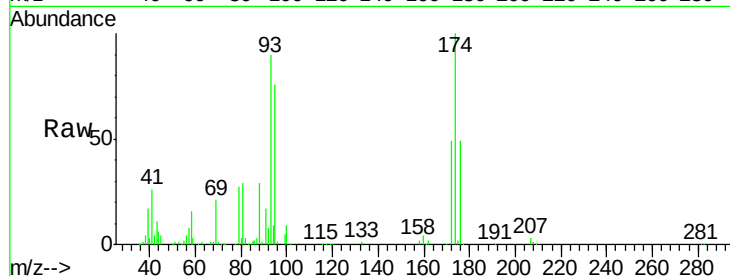




#49
1,4-Dioxane
Concen: 439.897 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

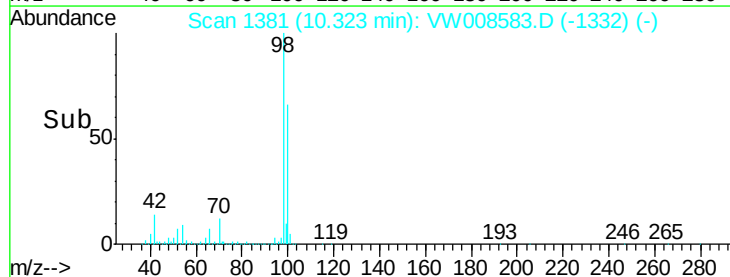
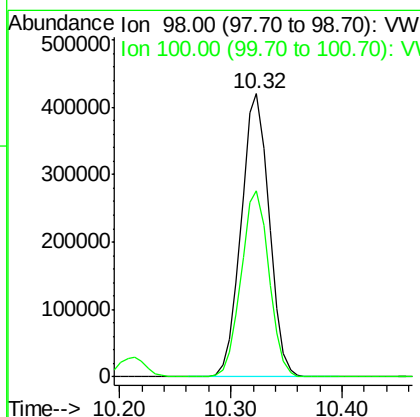
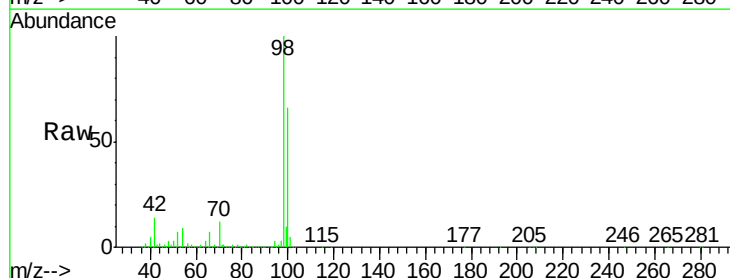
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

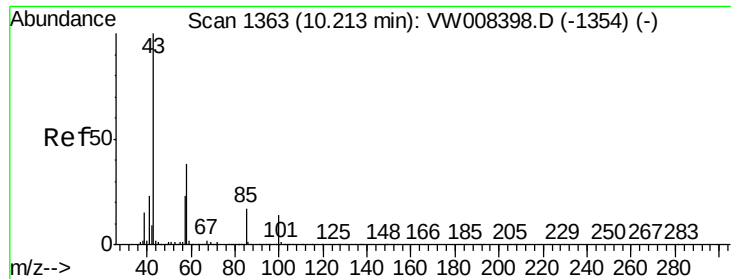
Tot Ion: 88 Resp: 17250
Ion Ratio Lower Upper
88 100
43 30.2 29.0 43.4
58 72.6 56.4 84.6



#50
Toluene-d8
Concen: 45.357 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 98 Resp: 733986
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

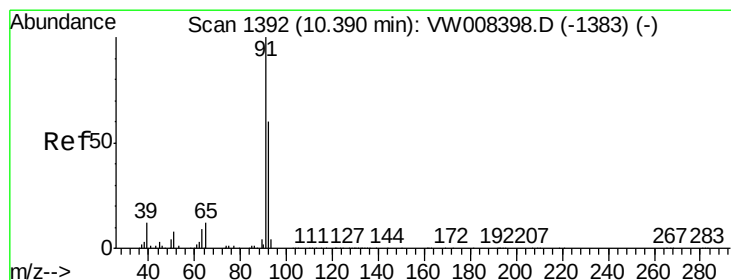
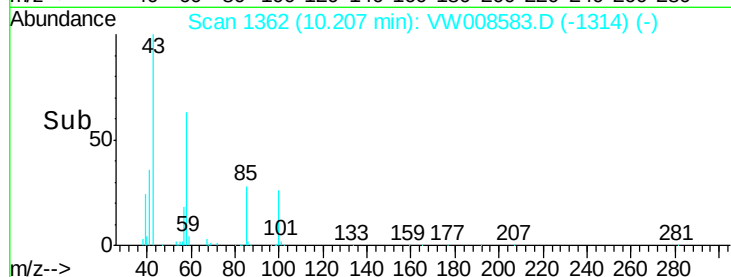
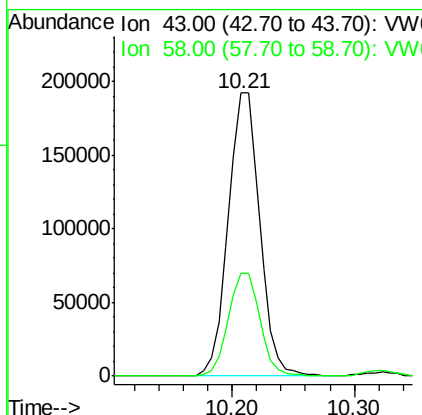
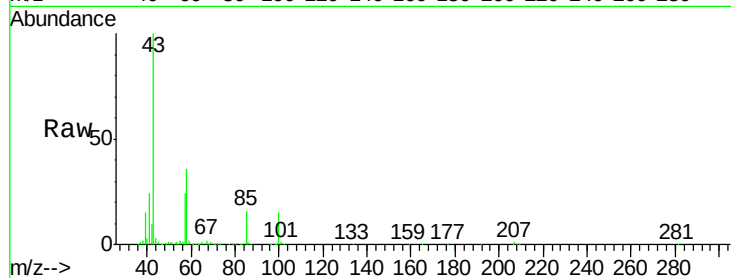




#51
4-Methyl-2-Pentanone
Concen: 115.259 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

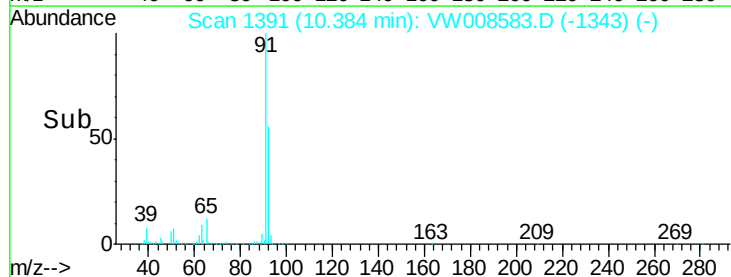
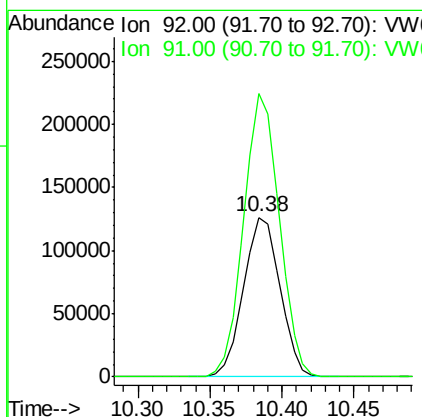
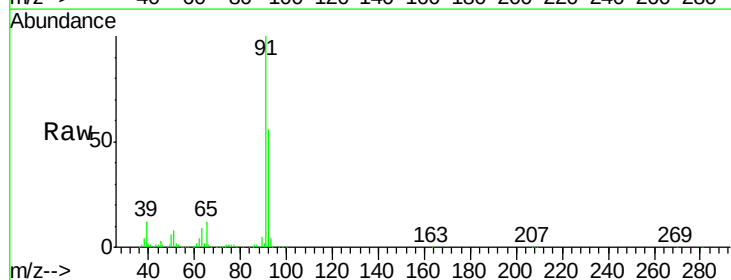
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

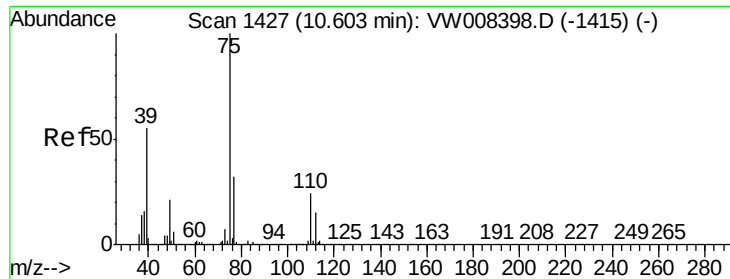
Tot Ion: 43 Resp: 341203
Ion Ratio Lower Upper
43 100
58 36.6 29.7 44.5



#52
Toluene
Concen: 18.514 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 92 Resp: 221089
Ion Ratio Lower Upper
92 100
91 174.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 18.981 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

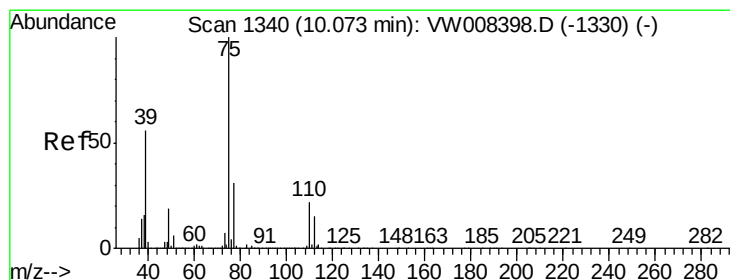
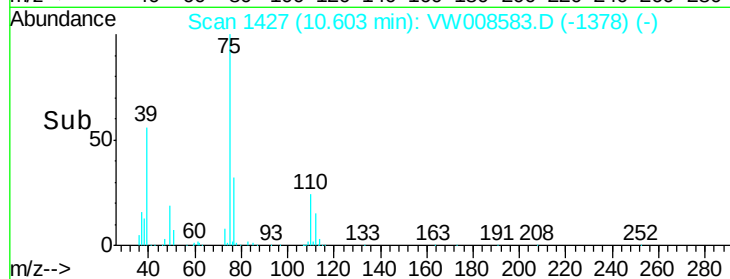
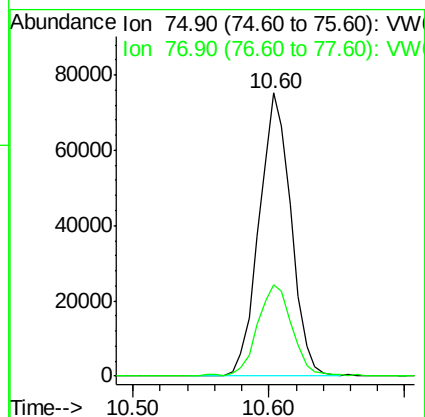
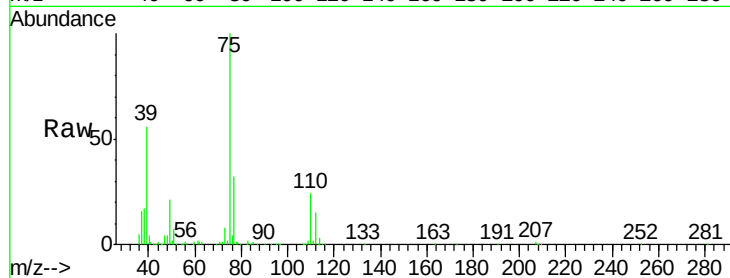
VW0208SBSD01

Tot Ion: 75 Resp: 123934

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.237 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

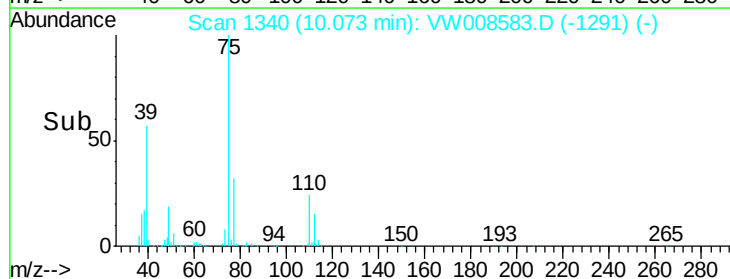
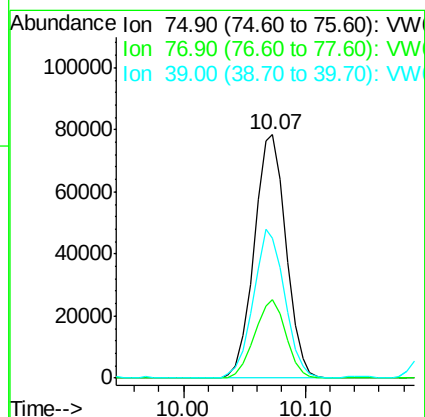
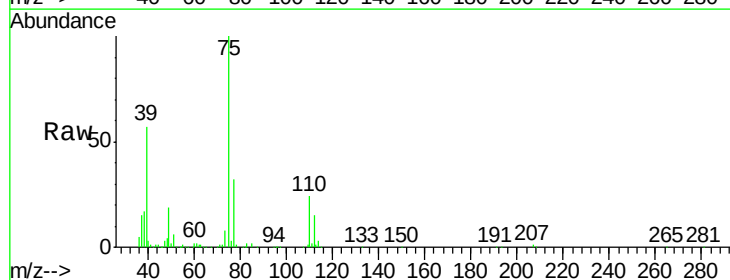
Tgt Ion: 75 Resp: 142545

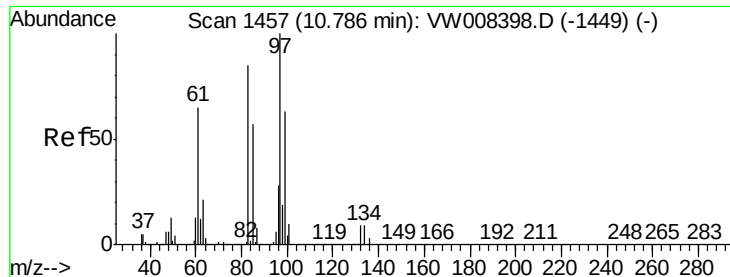
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 57.2 44.9 67.3

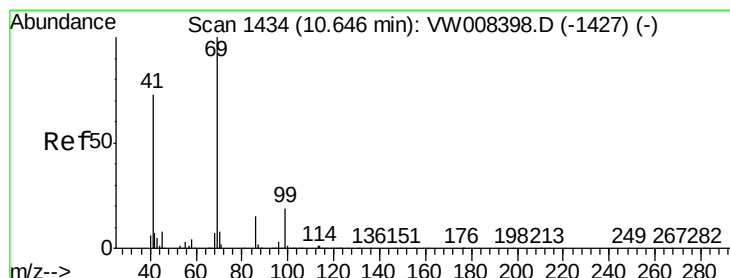
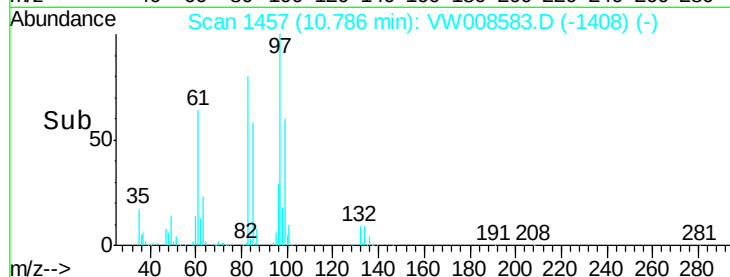
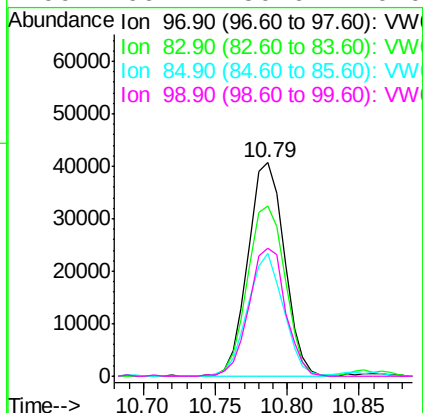
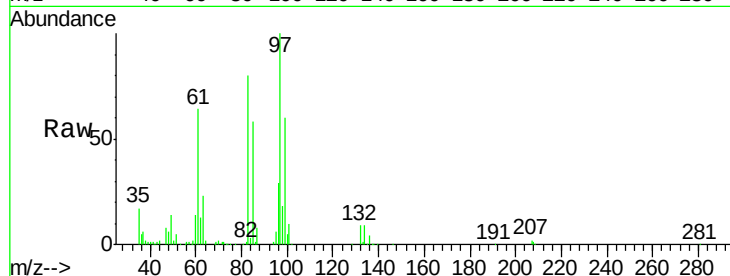




#55
 1,1,2-Trichloroethane
 Concen: 22.242 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

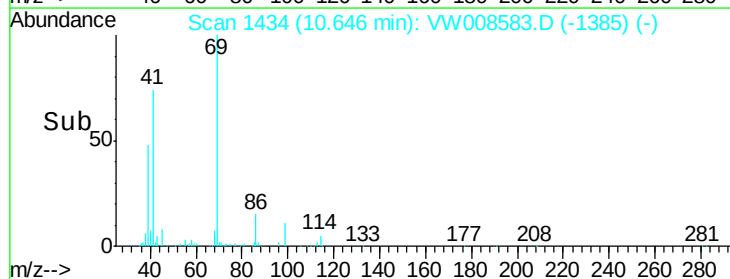
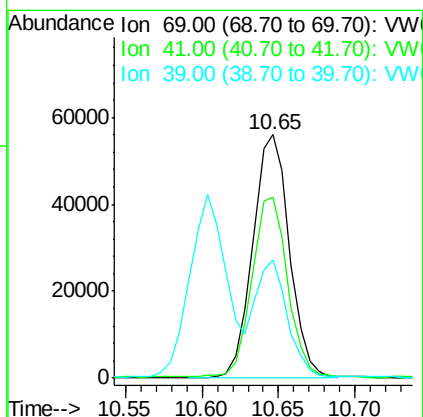
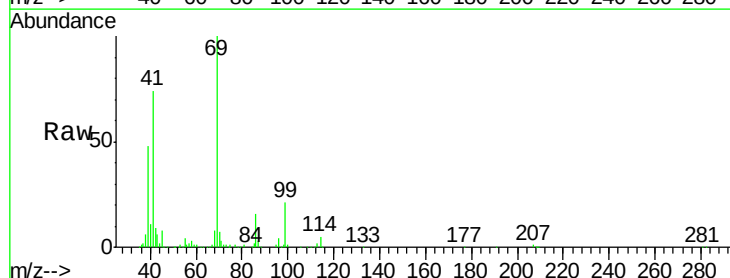
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

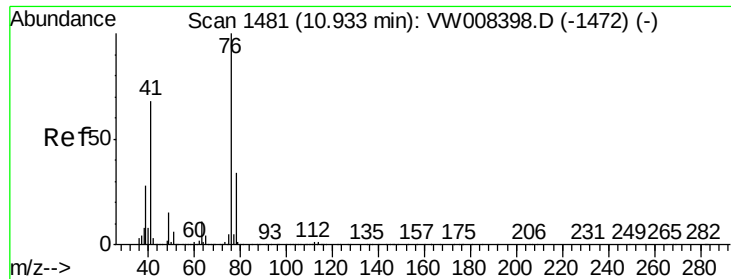
Tot Ion:	97	Resp:	71572
Ion	Ratio	Lower	Upper
97	100		
83	80.0	68.4	102.6
85	57.8	45.3	67.9
99	60.1	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 20.694 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion:	69	Resp:	93309
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.7	88.1
39	41.6	32.6	48.8

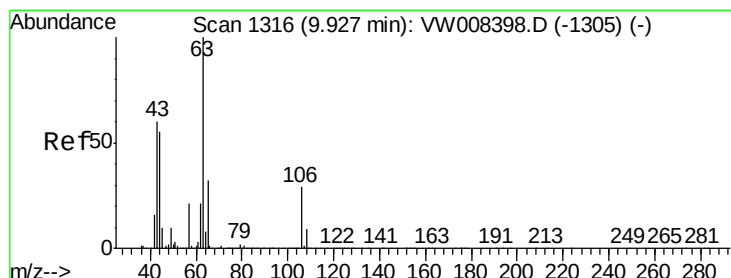
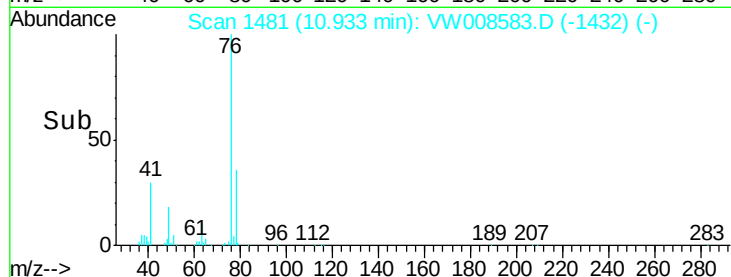
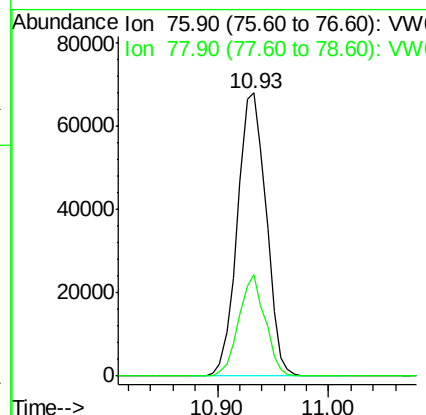
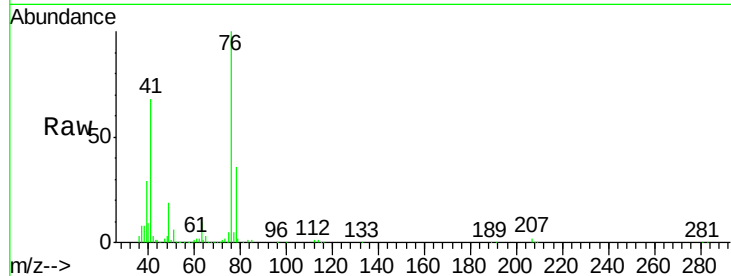




#57
 1,3-Dichloropropane
 Concen: 21.052 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

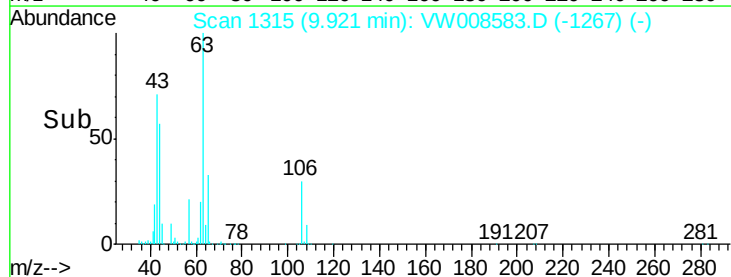
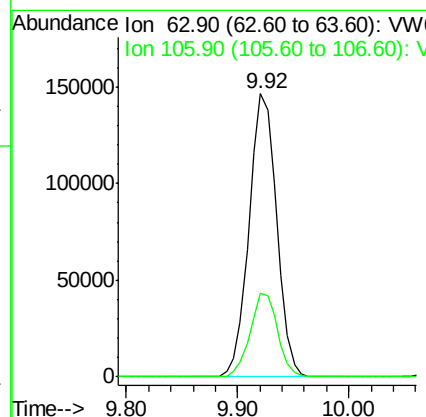
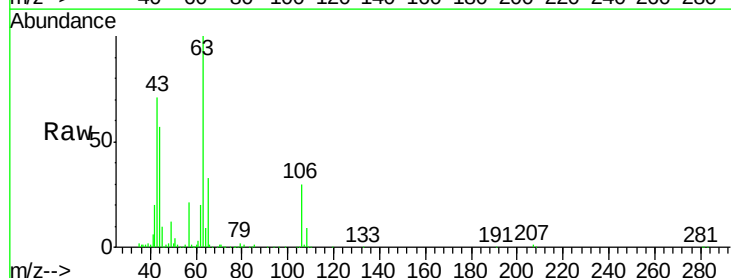
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

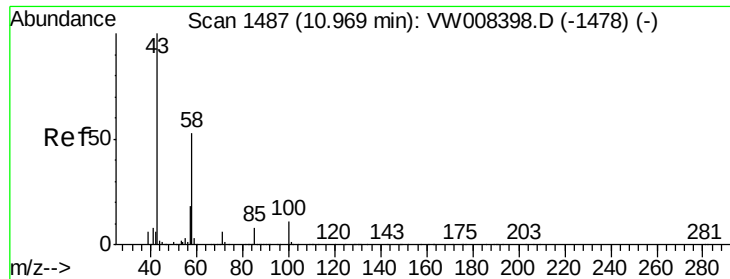
Tot Ion: 76 Resp: 121359
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.237 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion: 63 Resp: 252456
 Ion Ratio Lower Upper
 63 100
 106 29.4 22.4 33.6





#59

2-Hexanone

Concen: 111.160 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

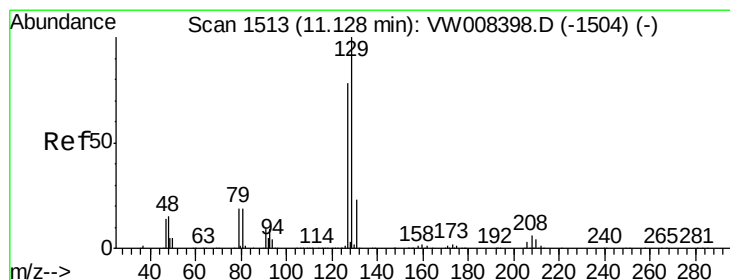
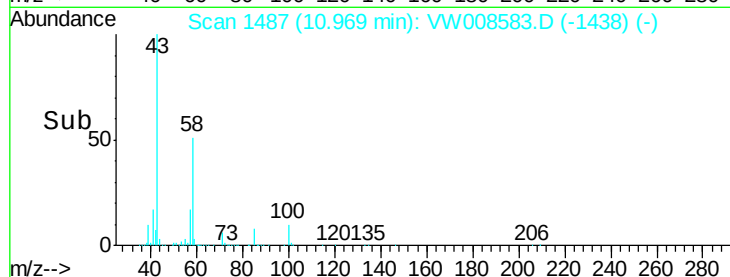
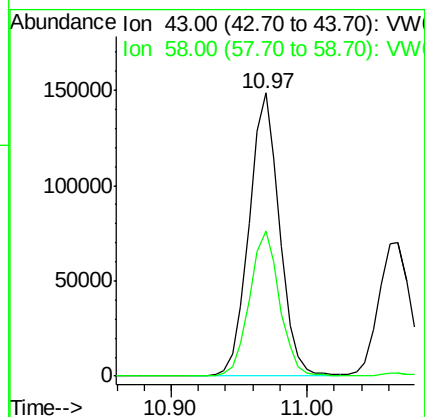
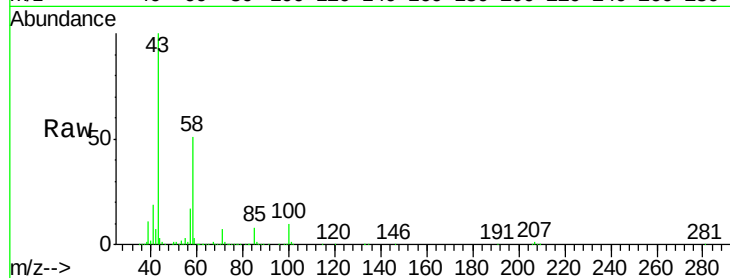
VW0208SBSD01

Tot Ion: 43 Resp: 232308

Ion Ratio Lower Upper

43 100

58 50.7 25.9 77.7



#60

Dibromochloromethane

Concen: 19.784 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008583.D

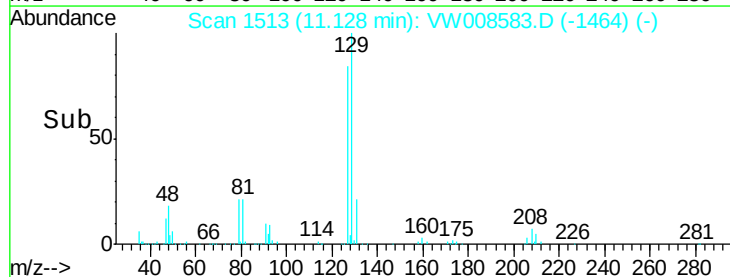
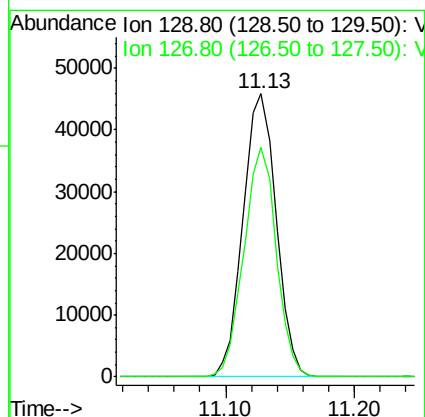
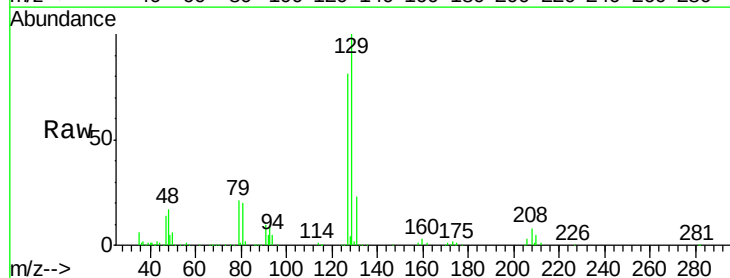
Acq: 08 Feb 2019 20:06

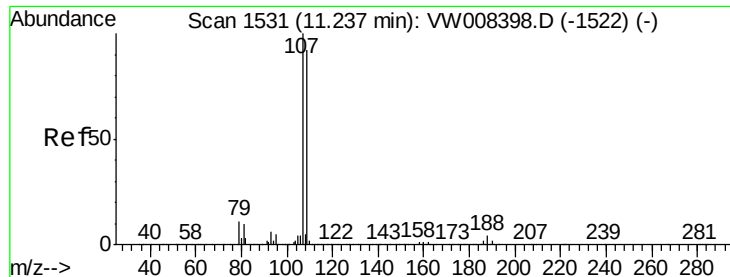
Tgt Ion: 129 Resp: 81811

Ion Ratio Lower Upper

129 100

127 79.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.298 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

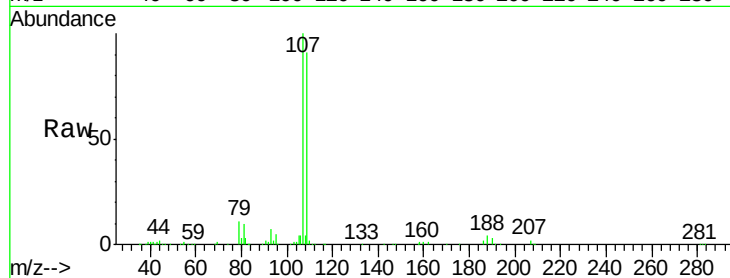
VW0208SBSD01

Tot Ion: 107 Resp: 67955

Ion Ratio Lower Upper

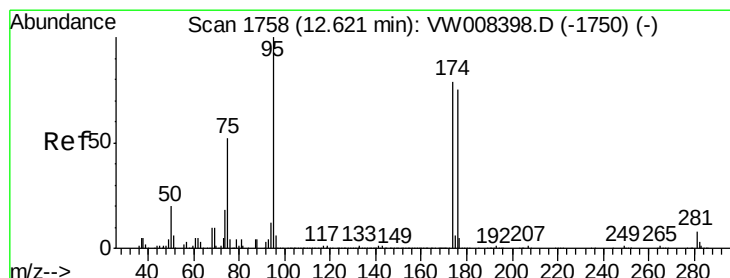
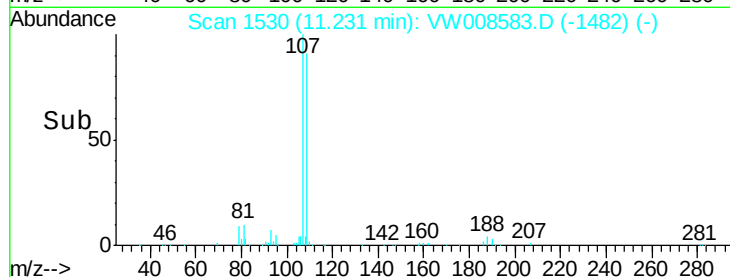
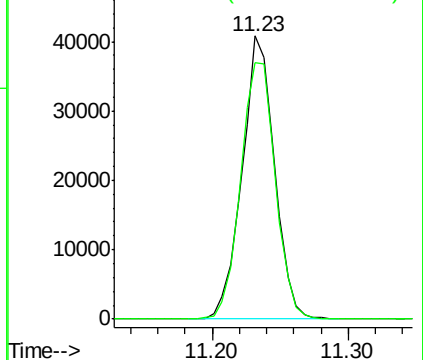
107 100

109 97.4 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.117 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

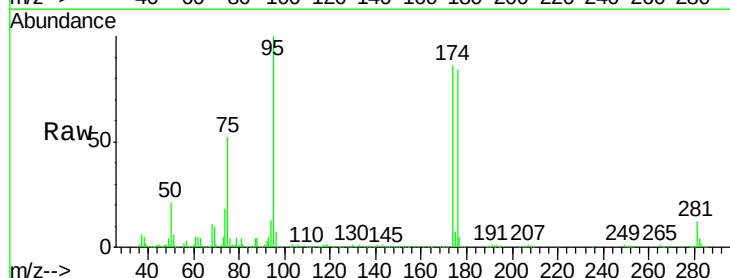
Tgt Ion: 95 Resp: 280640

Ion Ratio Lower Upper

95 100

174 81.9 0.0 157.6

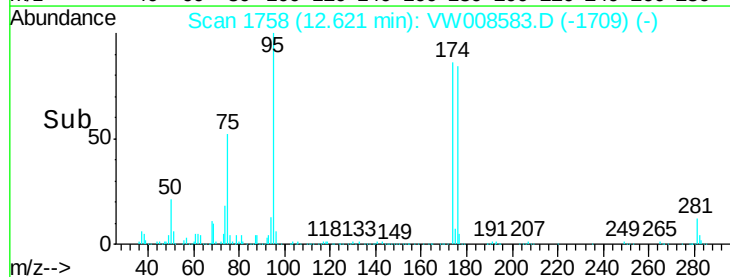
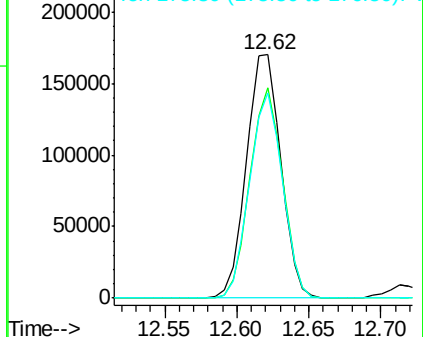
176 80.6 0.0 151.8

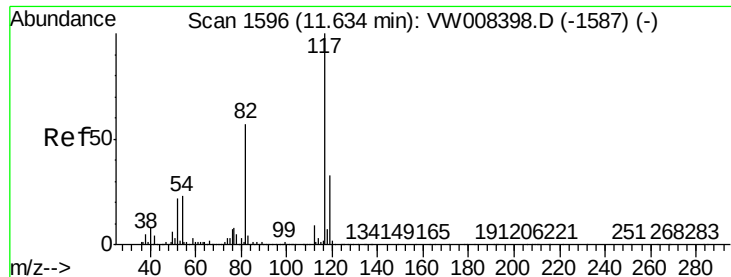


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

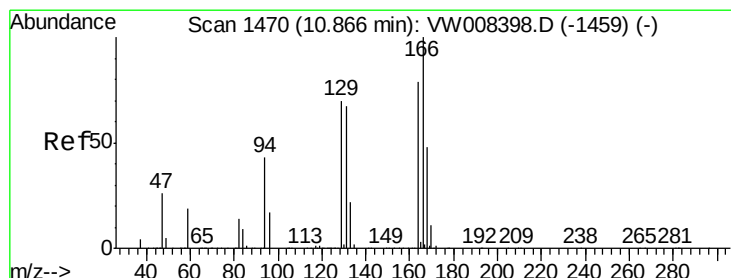
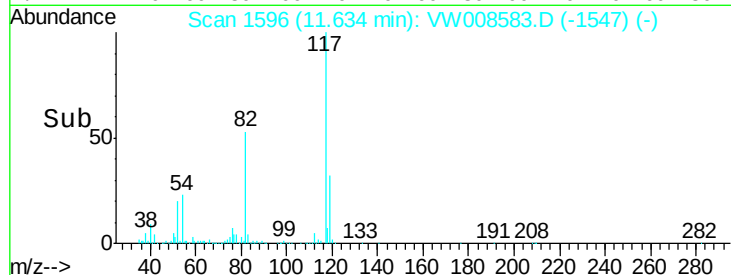
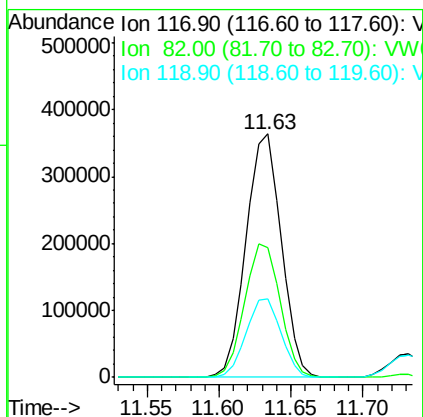
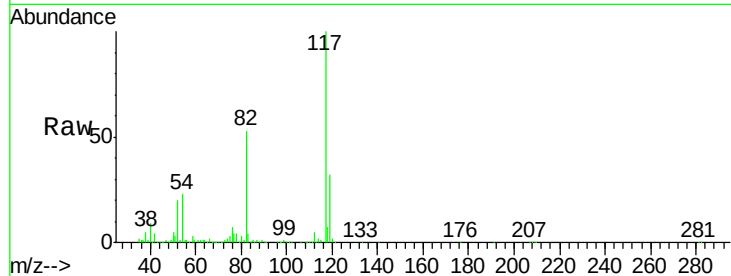




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

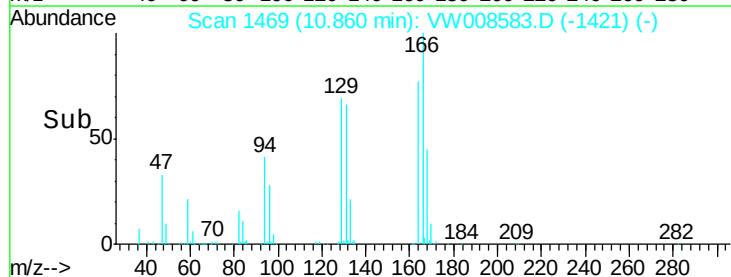
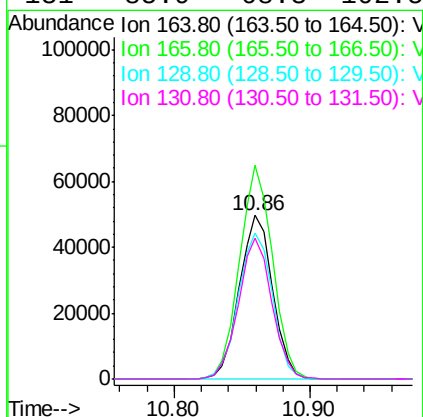
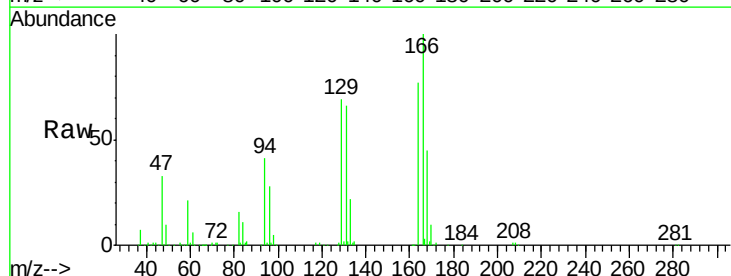
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

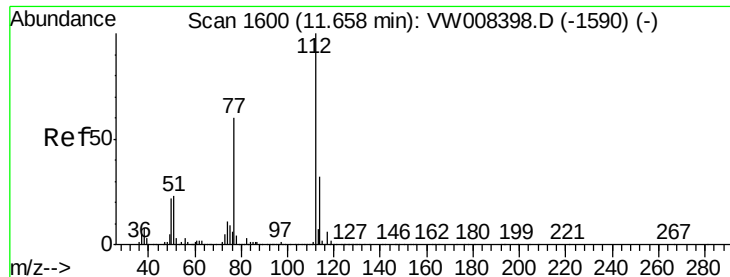
Tot Ion:117 Resp: 616182
Ion Ratio Lower Upper
117 100
82 53.4 45.4 68.0
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 20.319 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion:164 Resp: 84768
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 89.5 71.0 106.6
131 85.9 68.3 102.5

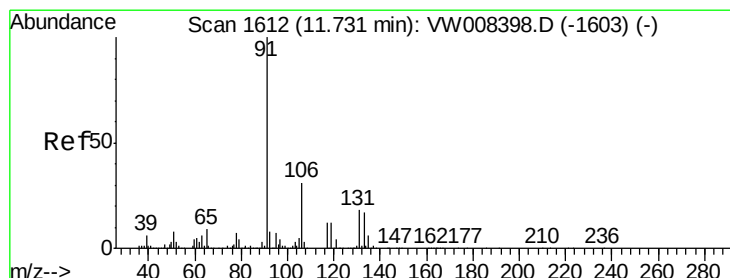
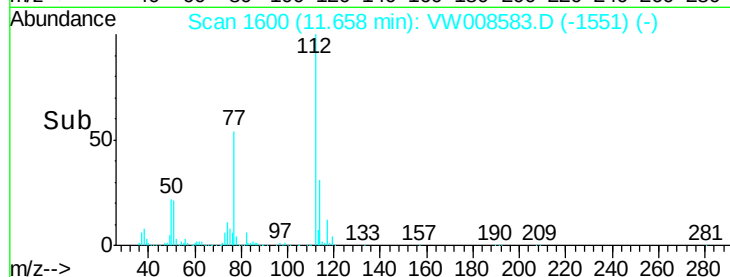
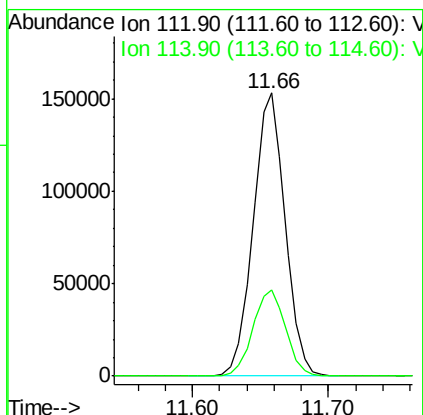
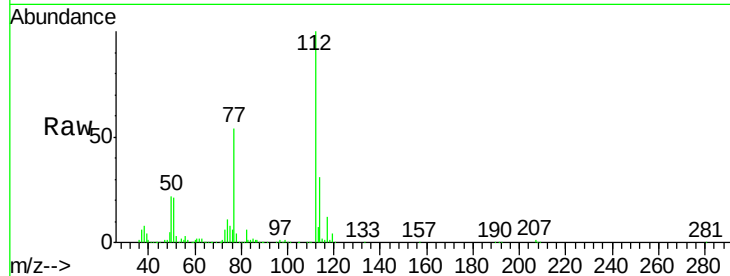




#65
Chlorobenzene
Concen: 20.022 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

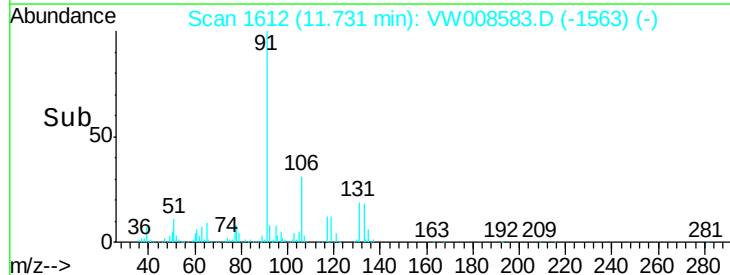
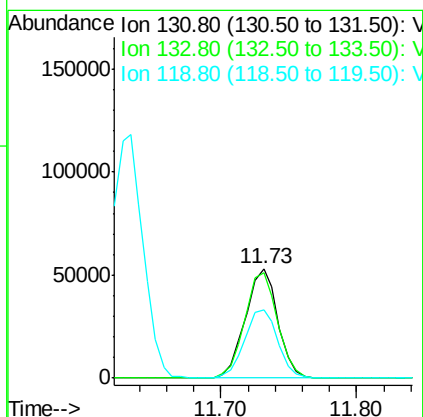
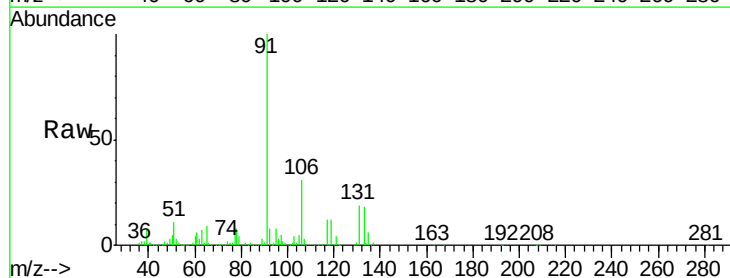
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

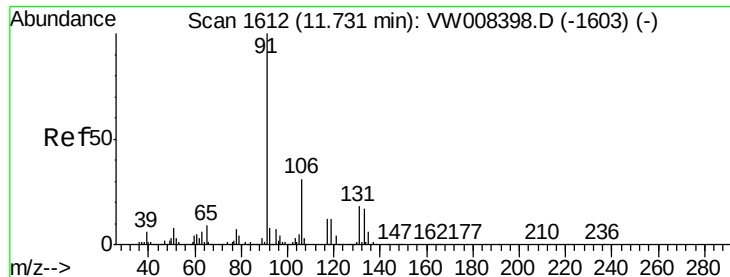
Tot Ion:112 Resp: 251851
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.701 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion:131 Resp: 88663
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.2
119 64.4 32.1 96.3

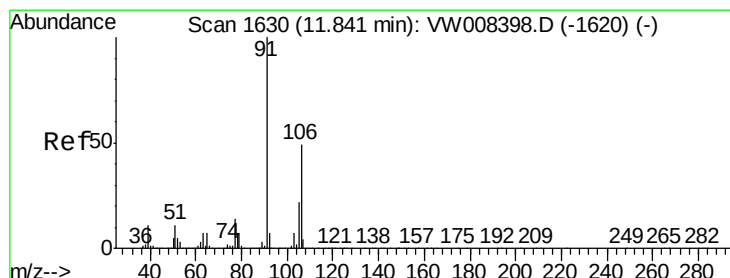
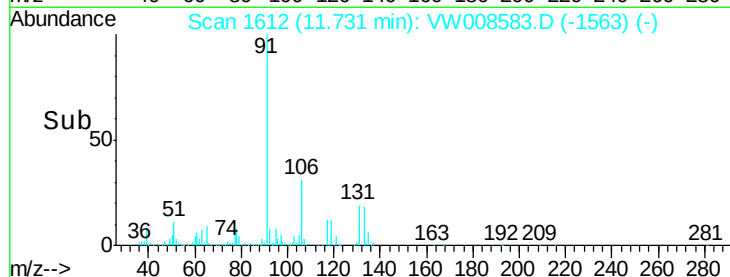
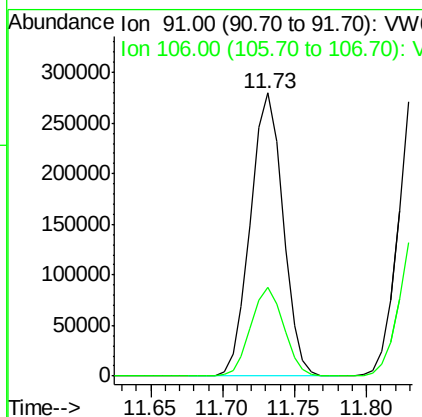
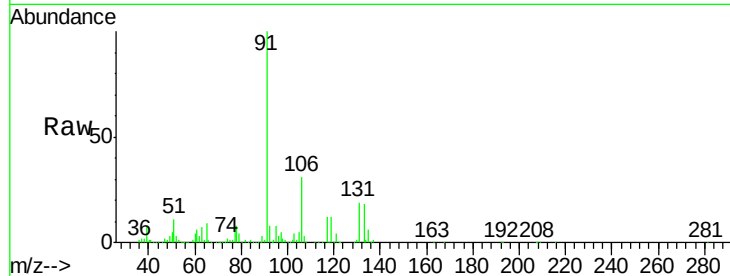




#67
Ethyl Benzene
Concen: 18.944 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

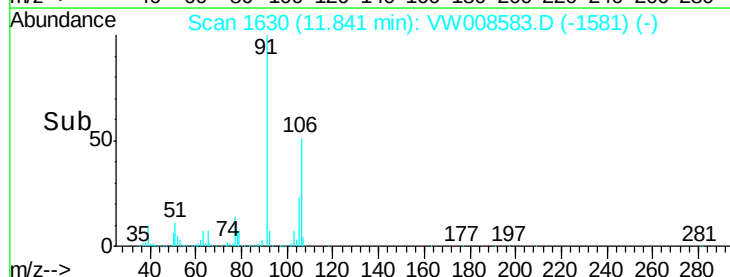
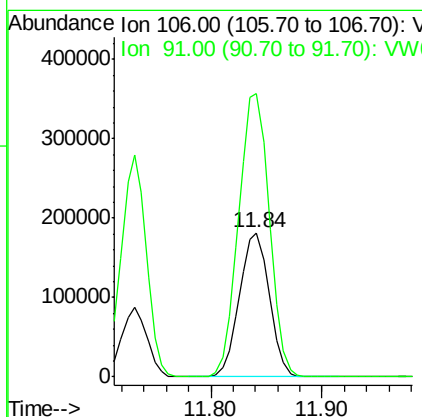
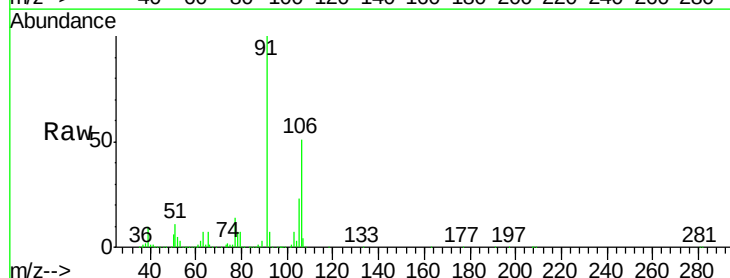
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

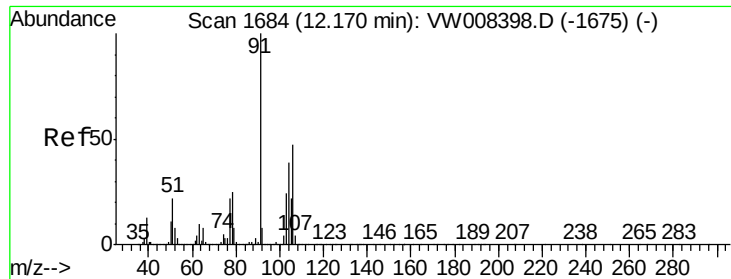
Tot Ion: 91 Resp: 438004
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 37.789 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 106 Resp: 339005
Ion Ratio Lower Upper
106 100
91 201.6 162.9 244.3

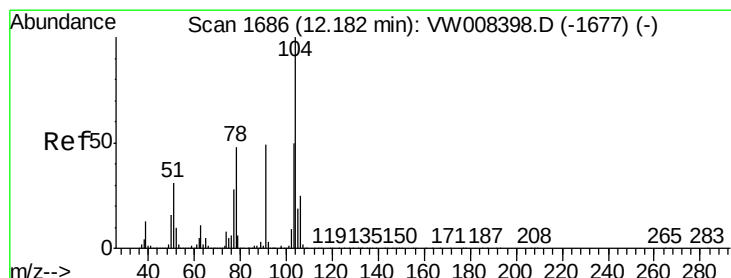
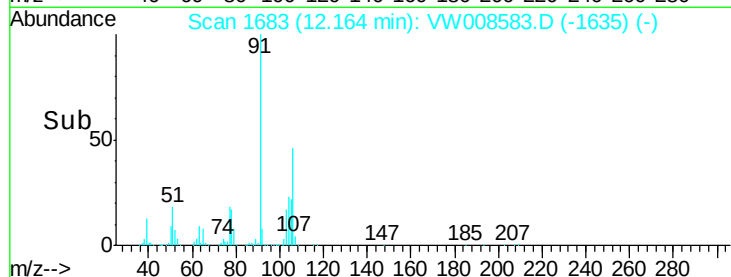
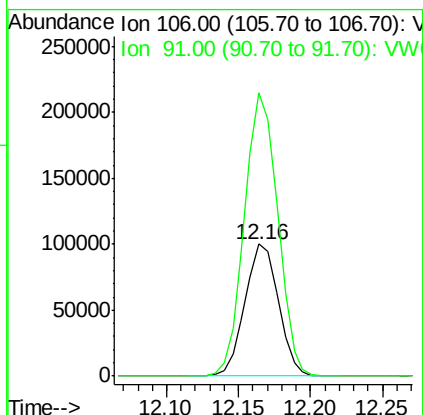
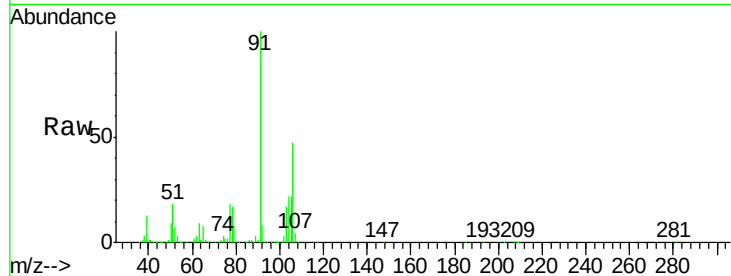




#69
o-Xylene
Concen: 18.942 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

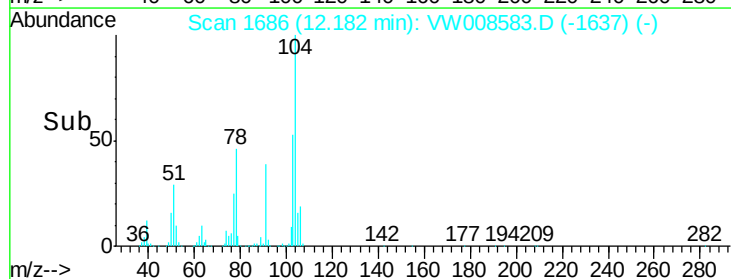
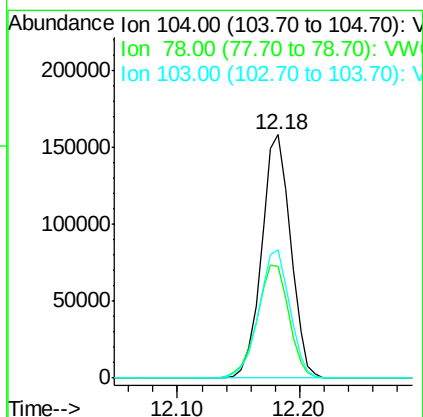
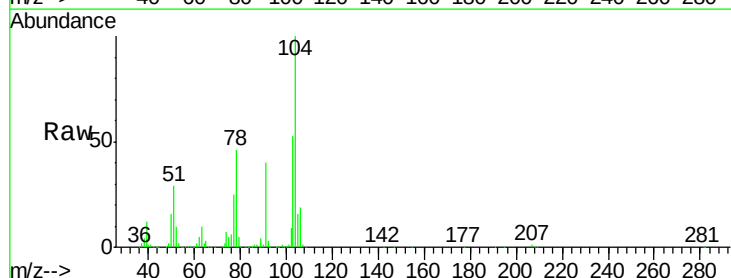
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

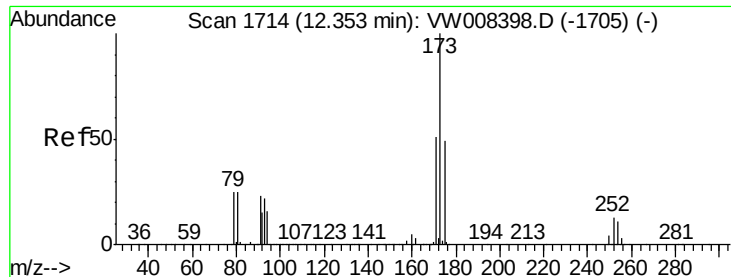
Tot Ion:106 Resp: 161453
Ion Ratio Lower Upper
106 100
91 213.3 107.5 322.4



#70
Styrene
Concen: 18.606 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion:104 Resp: 261969
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 56.3 43.4 65.0





#71

Bromoform

Concen: 19.917 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

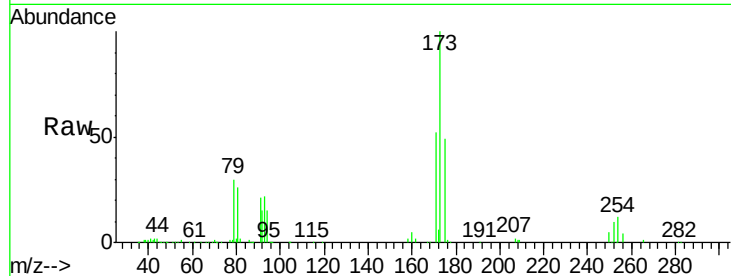
Tot Ion:173 Resp: 50431

Ion Ratio Lower Upper

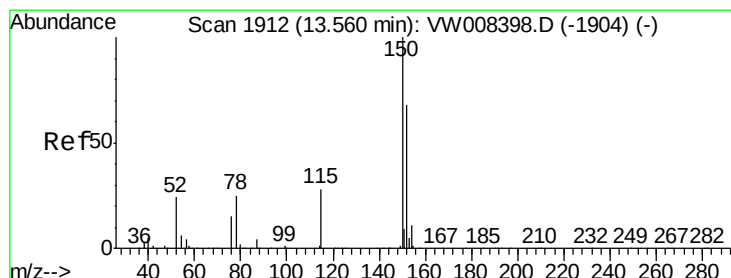
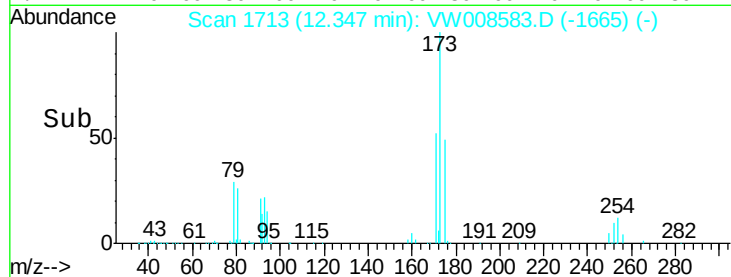
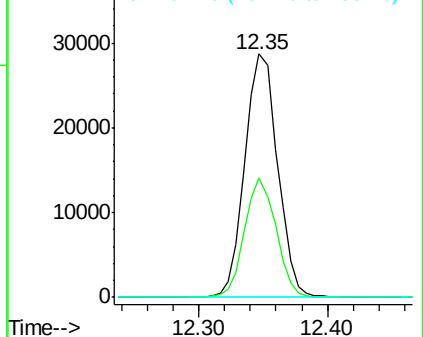
173 100

175 47.1 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: VW008583.D

Acq: 08 Feb 2019 20:06

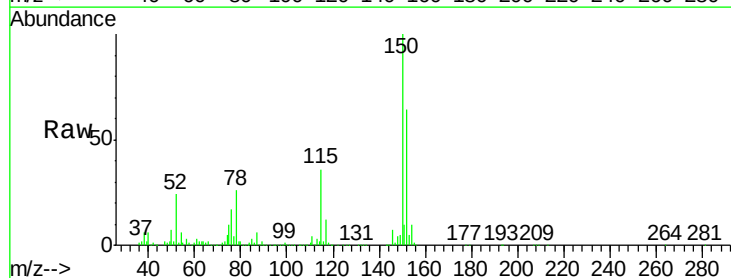
Tgt Ion:152 Resp: 321100

Ion Ratio Lower Upper

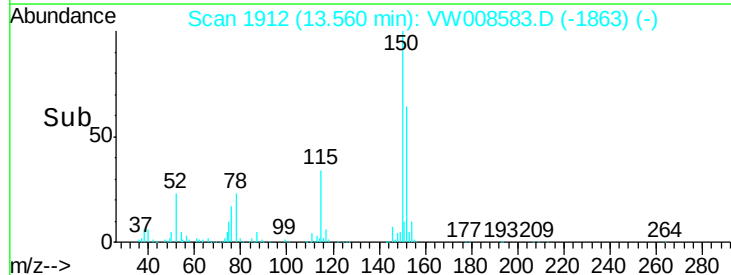
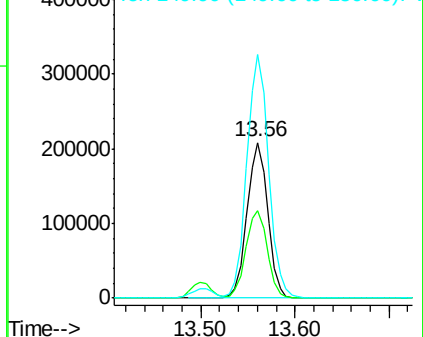
152 100

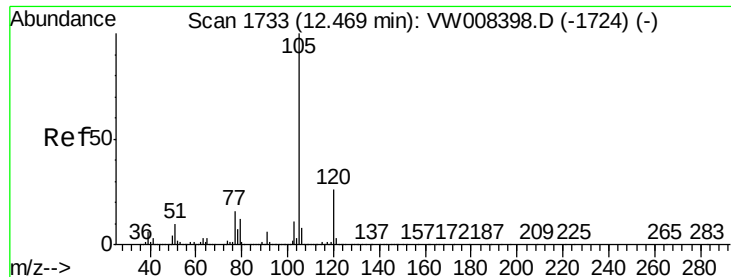
115 58.1 29.9 89.7

150 164.5 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: 18.552 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

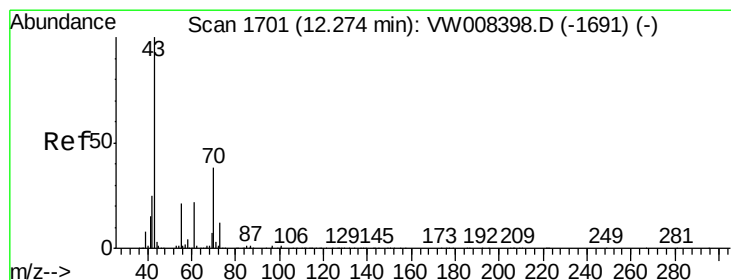
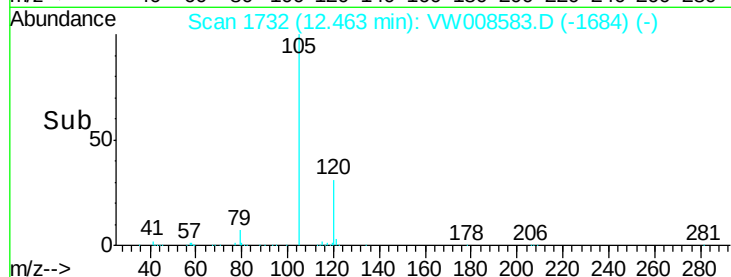
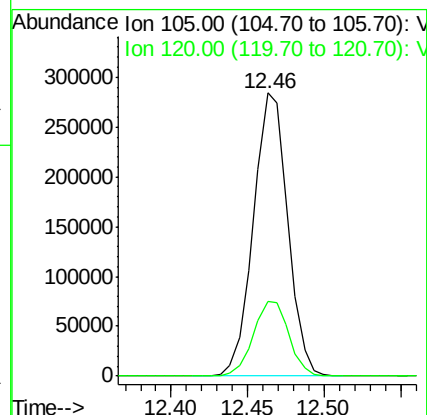
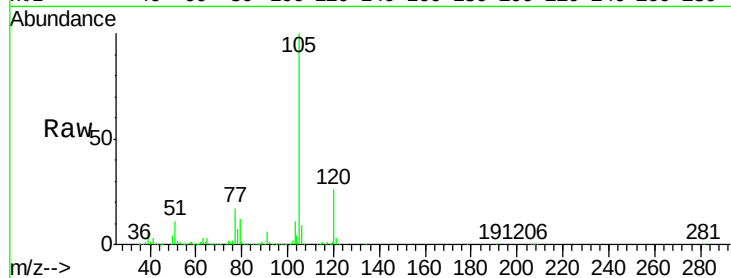
VW0208SBSD01

Tot Ion:105 Resp: 444098

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 20.823 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Tgt Ion: 43 Resp: 128413

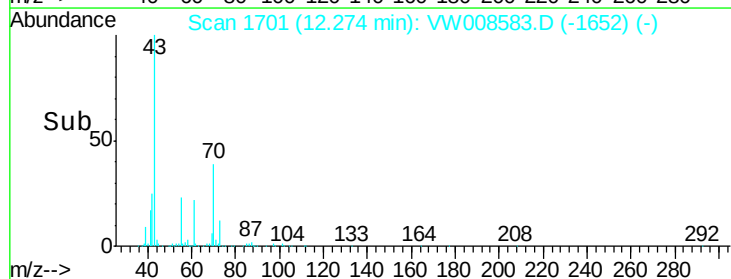
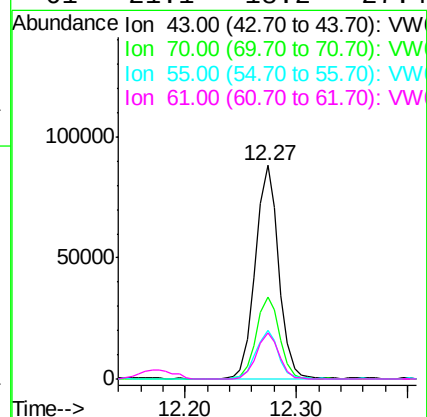
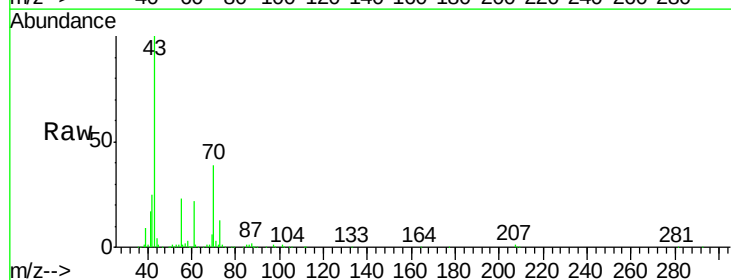
Ion Ratio Lower Upper

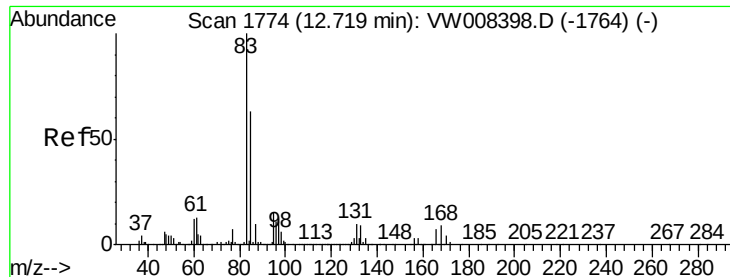
43 100

70 38.8 31.0 46.6

55 22.5 17.4 26.2

61 21.1 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.590 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

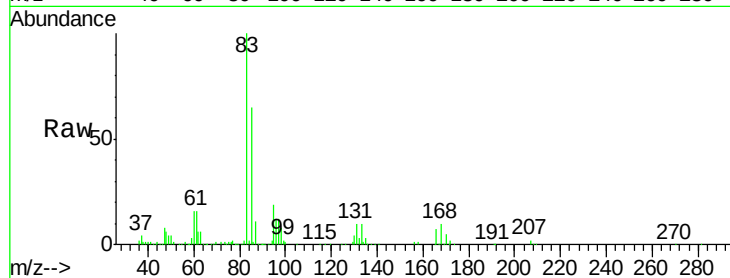
Tot Ion: 83 Resp: 81826

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

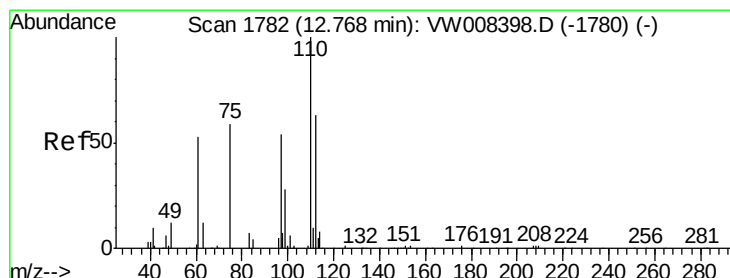
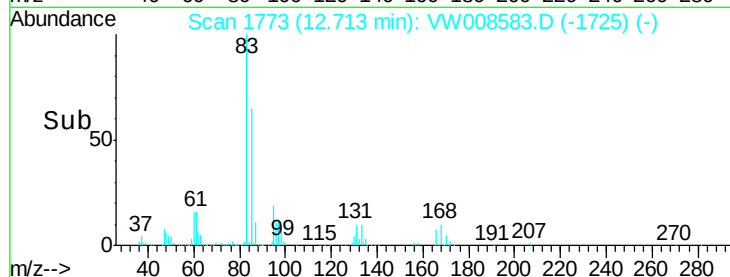
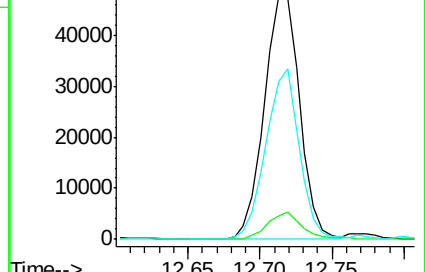
85 66.3 31.9 95.5



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: 24.577 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008583.D

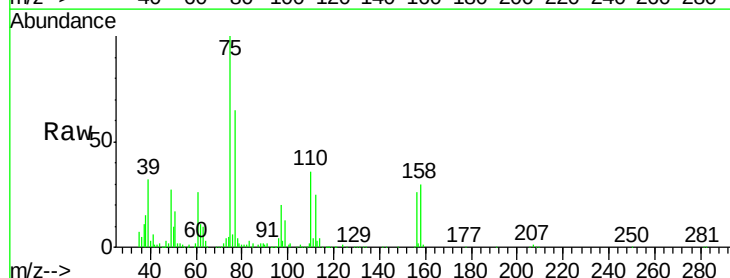
Acq: 08 Feb 2019 20:06

Tgt Ion: 75 Resp: 68613

Ion Ratio Lower Upper

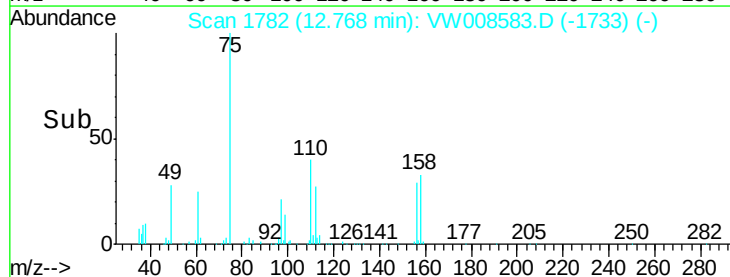
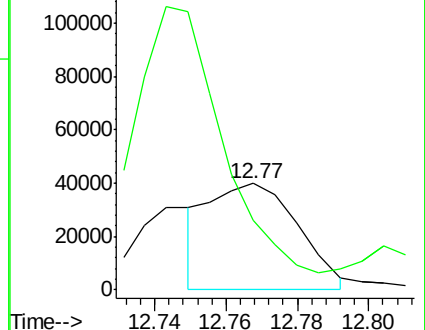
75 100

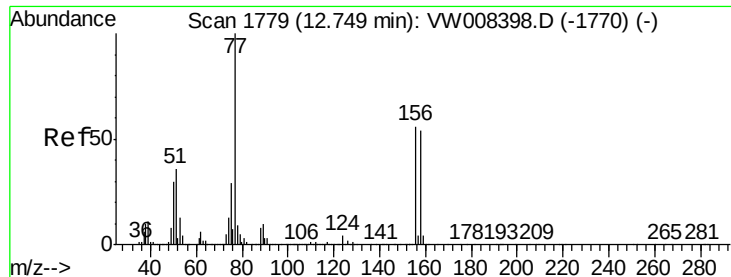
77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampled :

VW0208SBSD01

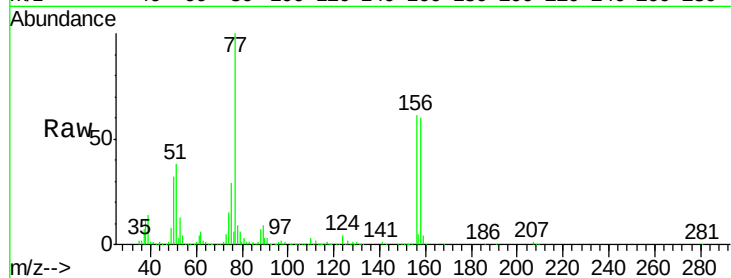
Tot Ion:156 Resp: 105272

Ion Ratio Lower Upper

156 100

77 185.8 96.9 290.7

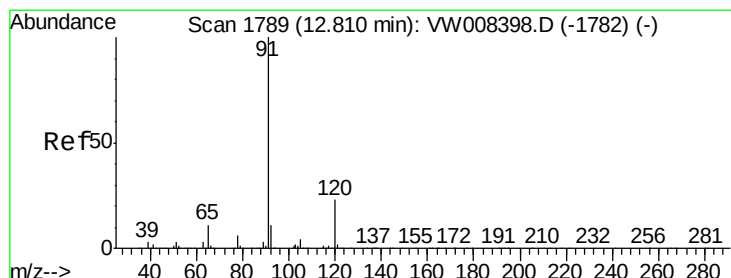
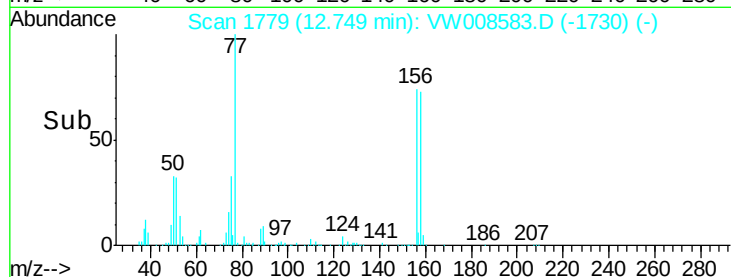
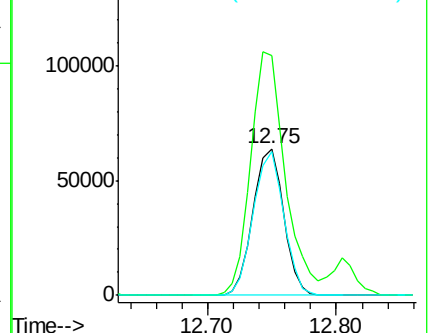
158 97.6 48.8 146.4



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: 18.336 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008583.D

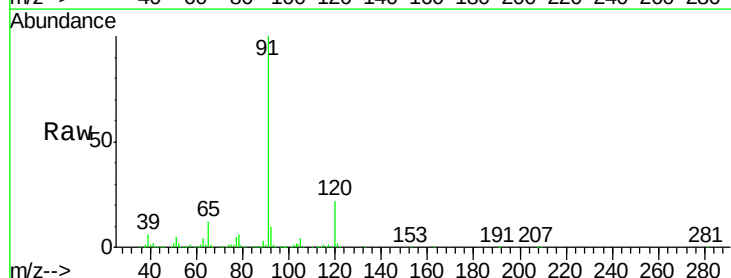
Acq: 08 Feb 2019 20:06

Tgt Ion: 91 Resp: 527186

Ion Ratio Lower Upper

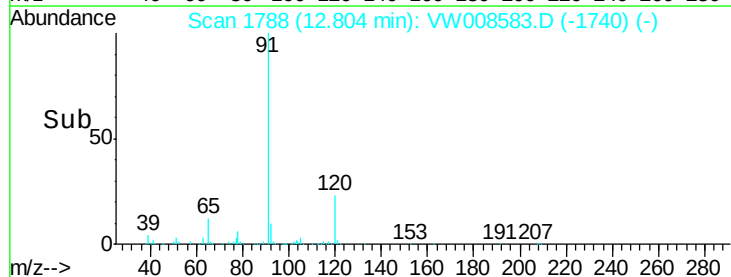
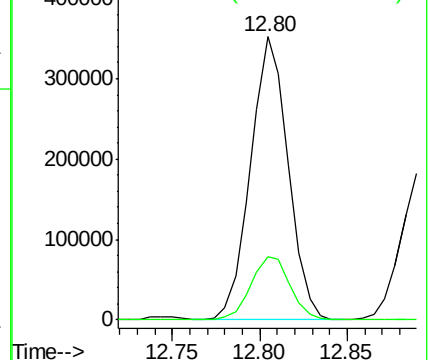
91 100

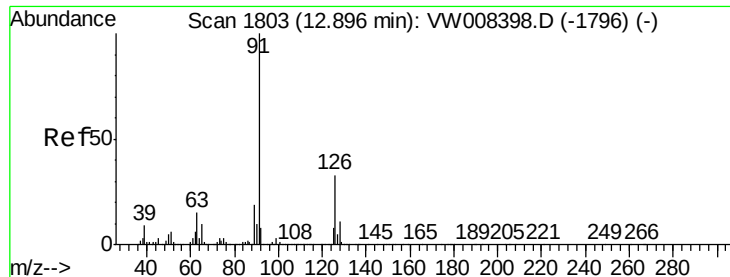
120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.625 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

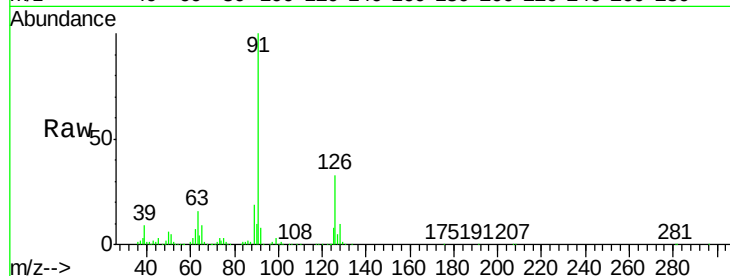
VW0208SBSD01

Tot Ion: 91 Resp: 302189

Ion Ratio Lower Upper

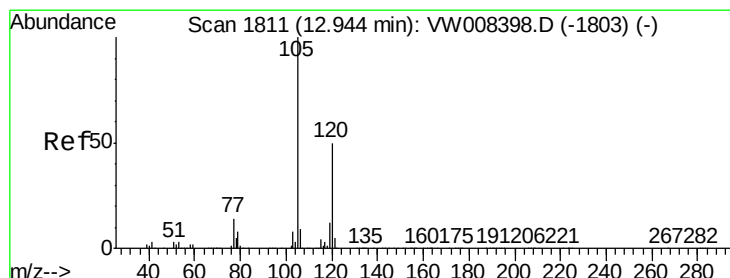
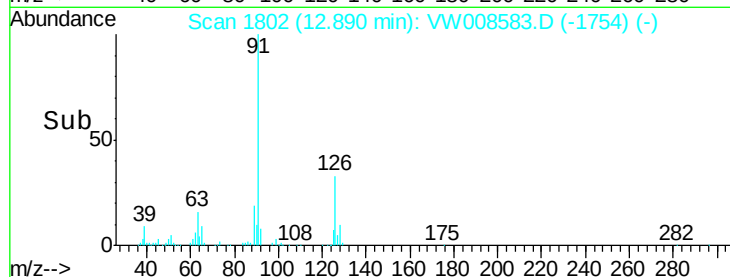
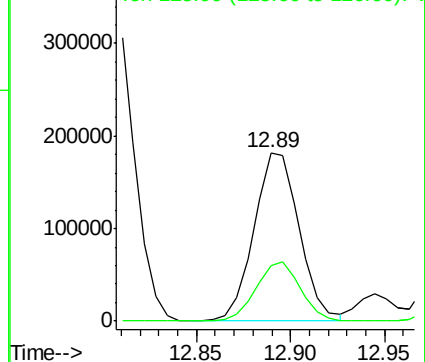
91 100

126 34.2 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.446 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008583.D

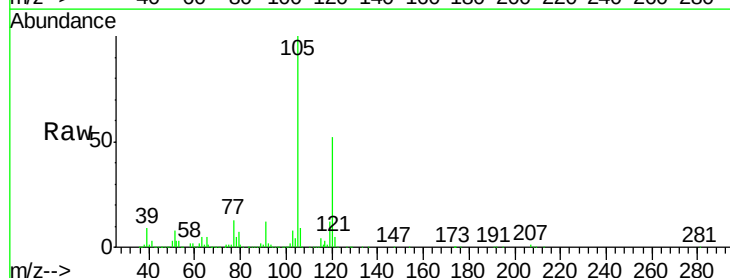
Acq: 08 Feb 2019 20:06

Tgt Ion: 105 Resp: 369077

Ion Ratio Lower Upper

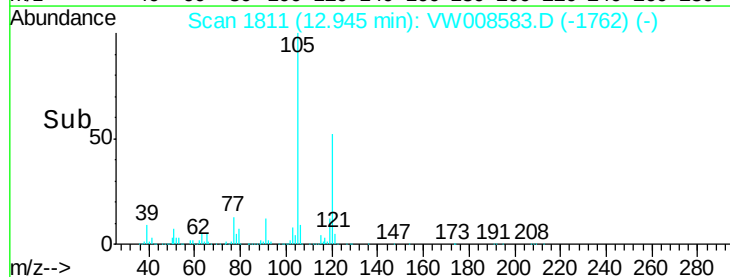
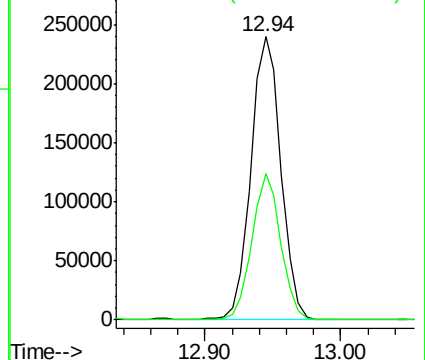
105 100

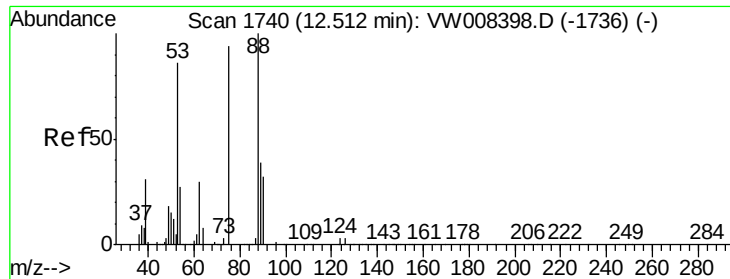
120 49.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.367 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

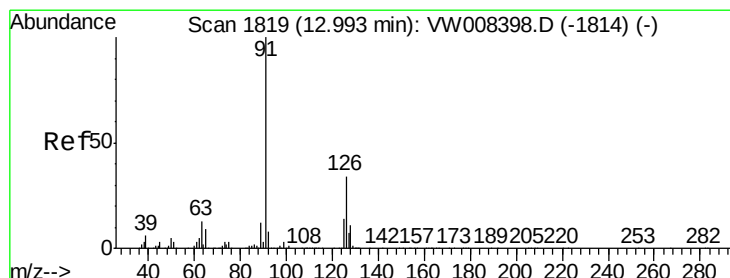
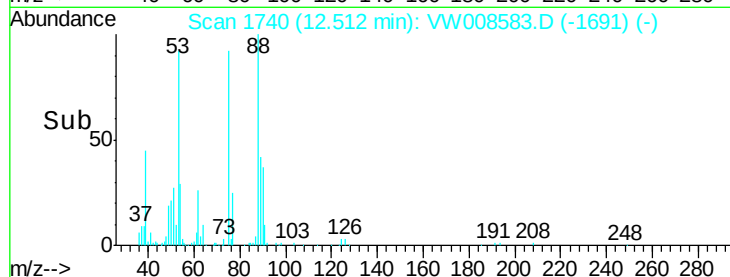
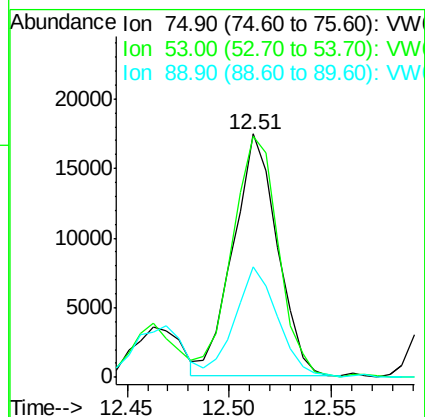
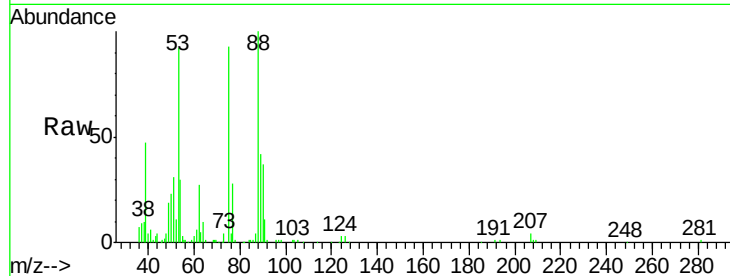
Tot Ion: 75 Resp: 25961

Ion Ratio Lower Upper

75 100

53 105.7 76.0 114.0

89 44.4 35.4 53.0



#82

4-Chlorotoluene

Concen: 18.232 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008583.D

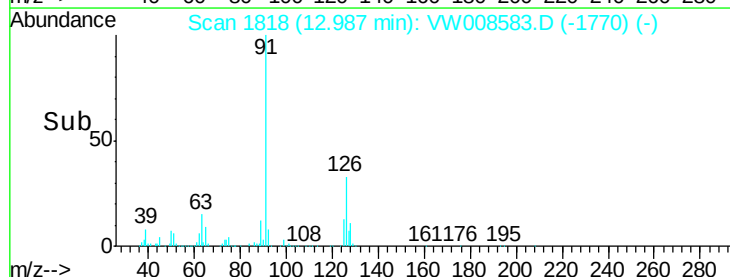
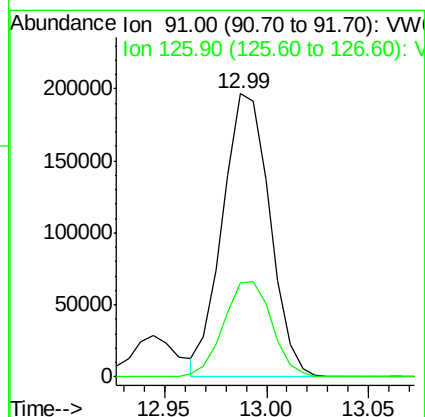
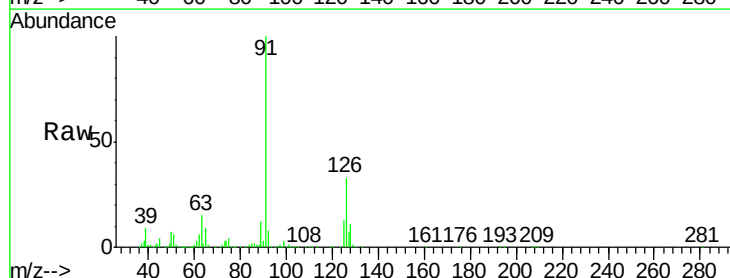
Acq: 08 Feb 2019 20:06

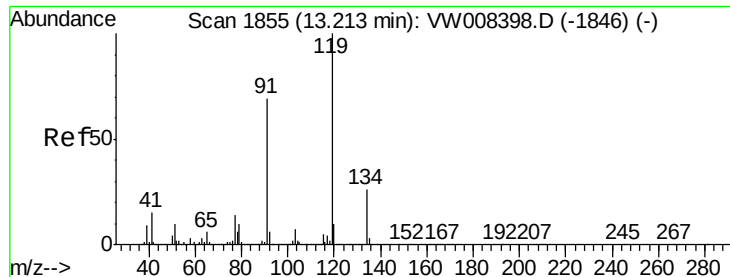
Tgt Ion: 91 Resp: 314944

Ion Ratio Lower Upper

91 100

126 34.4 16.4 49.2





#83

tert-Butylbenzene

Concen: 18.333 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

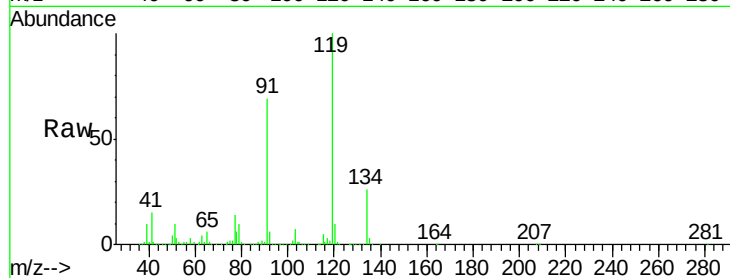
Tot Ion:119 Resp: 326428

Ion Ratio Lower Upper

119 100

91 67.1 33.8 101.4

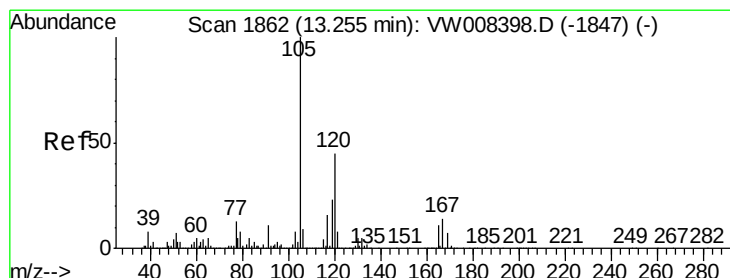
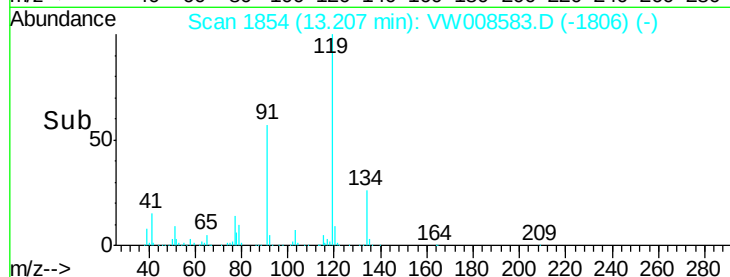
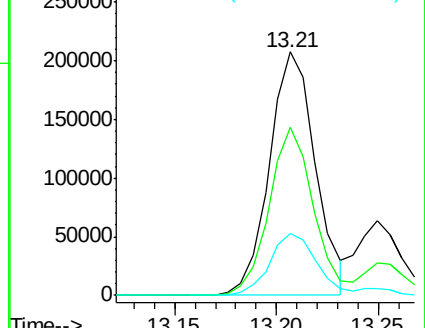
134 25.8 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.833 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW008583.D

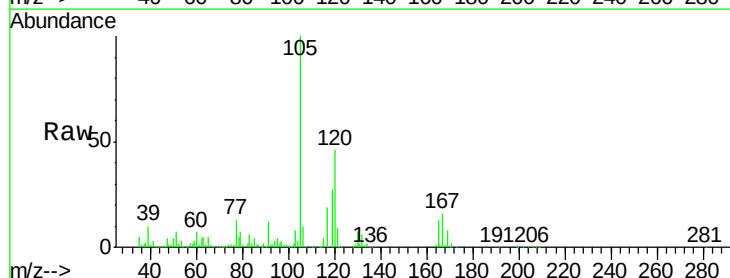
Acq: 08 Feb 2019 20:06

Tgt Ion:105 Resp: 383011

Ion Ratio Lower Upper

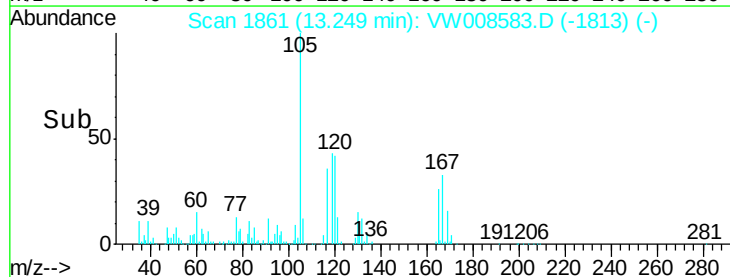
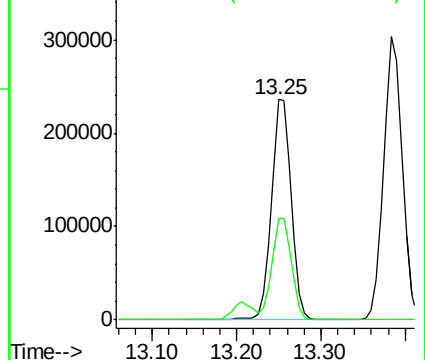
105 100

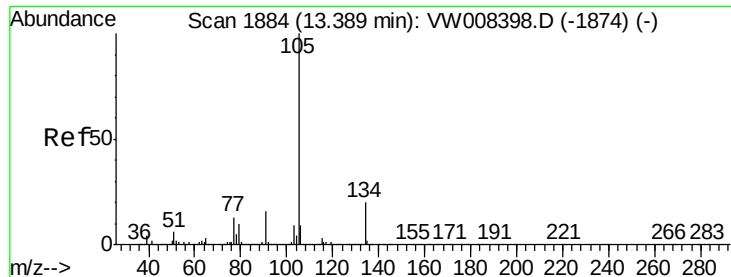
120 45.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.378 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

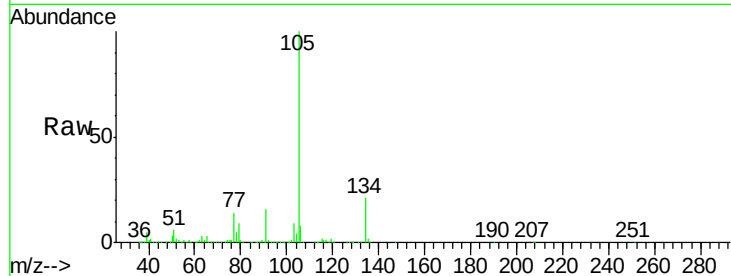
VW0208SBSD01

Tot Ion:105 Resp: 467319

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

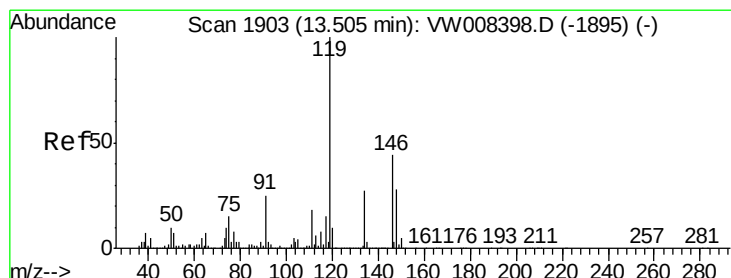
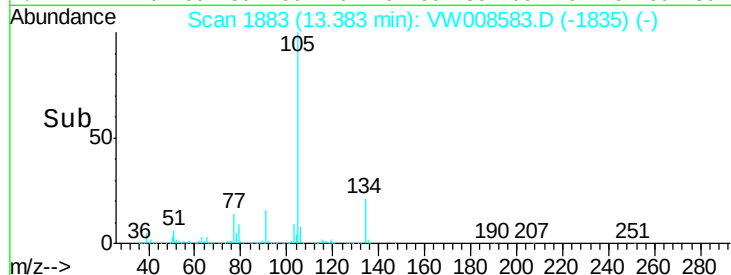
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.704 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

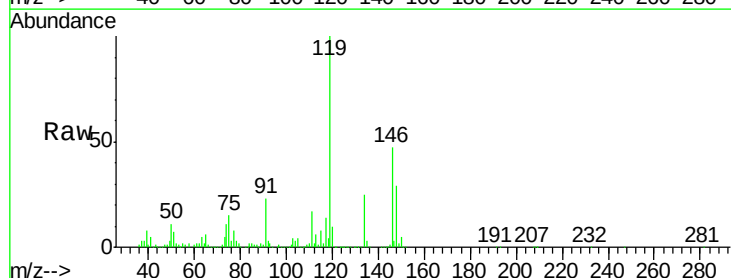
Tgt Ion:119 Resp: 416606

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

91 24.1 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

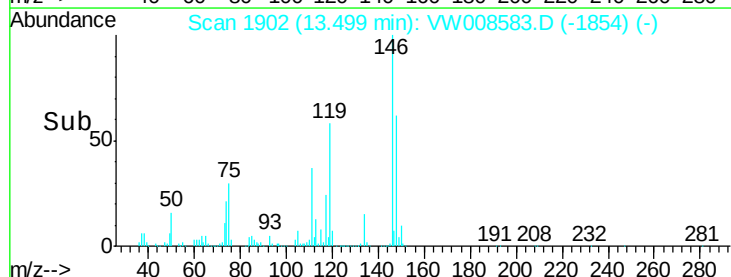
300000

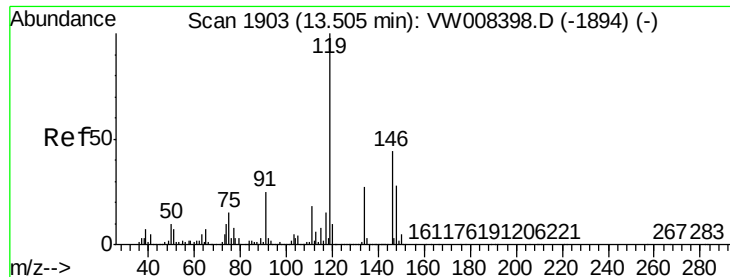
200000

100000

0

Time-->

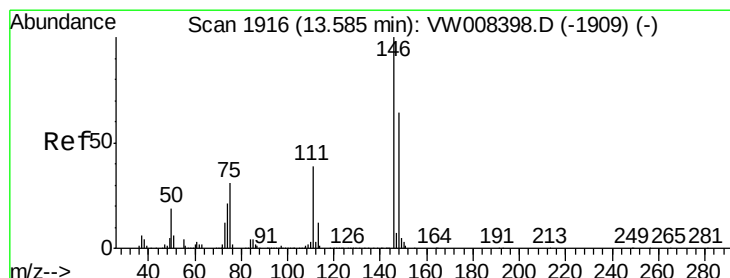
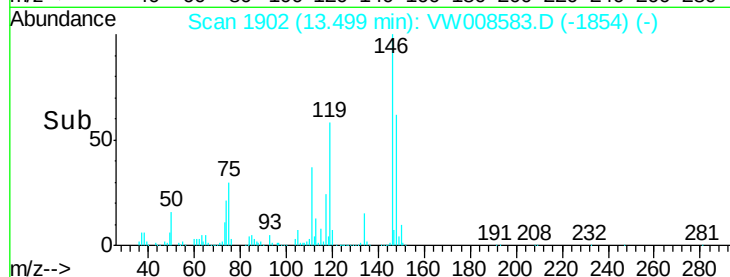
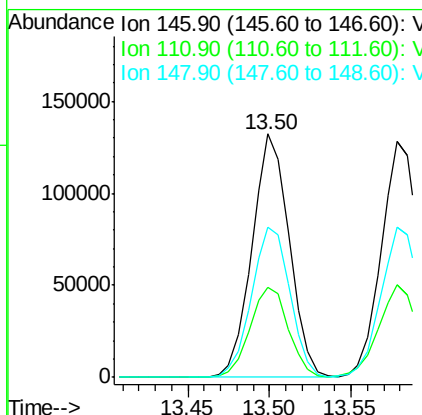
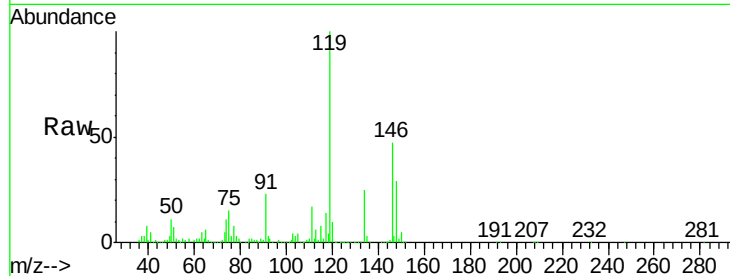




#87
 1,3-Dichlorobenzene
 Concen: 19.917 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

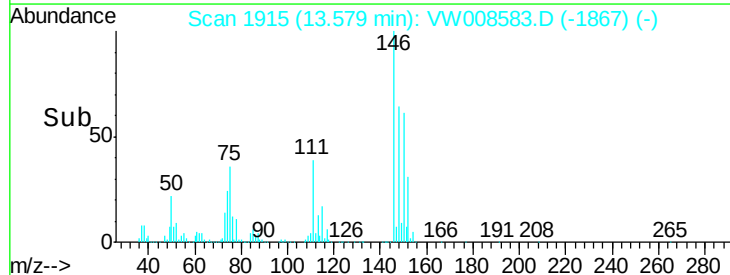
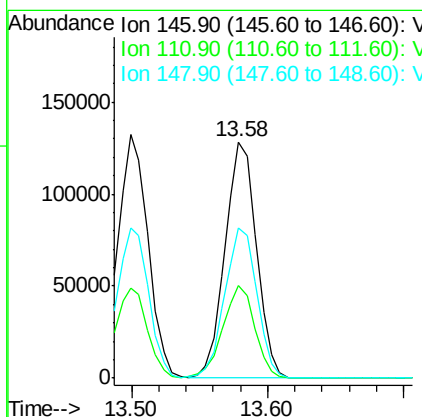
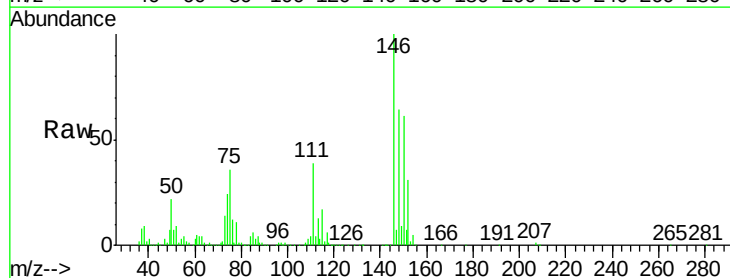
Instrument :
 MSVOA_W
 ClientSampled :
 VW0208SBSD01

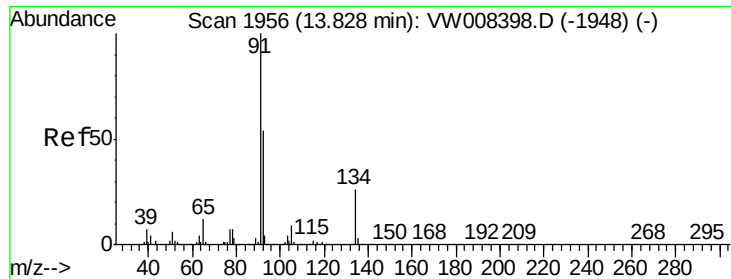
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	63.5	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.649 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	65.1	32.0	96.2

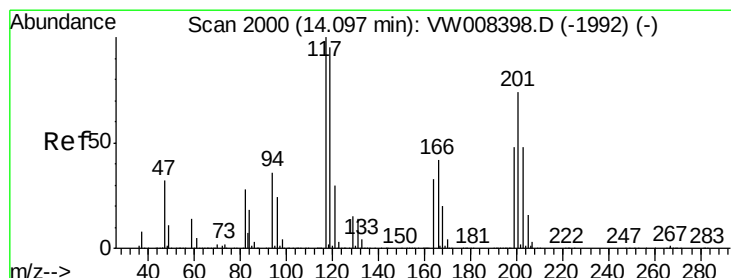
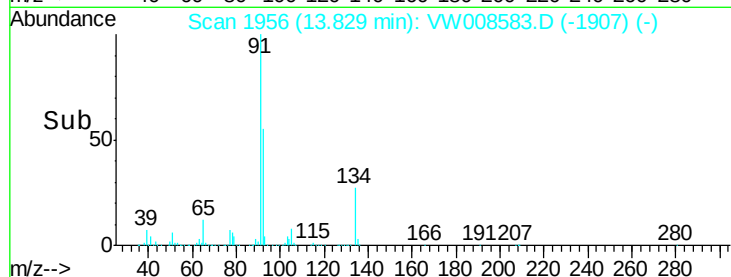
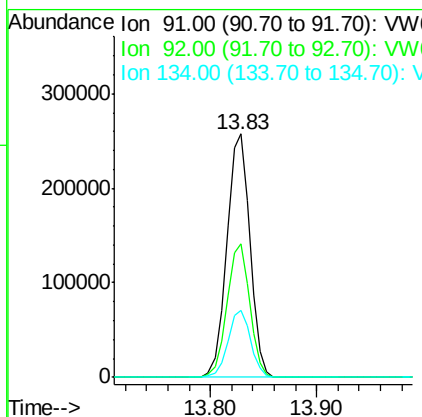
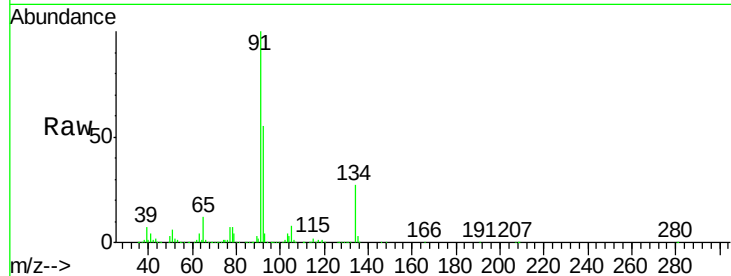




#89
n-Butylbenzene
Concen: 17.839 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

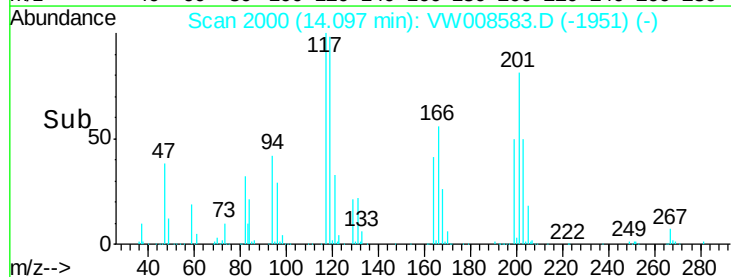
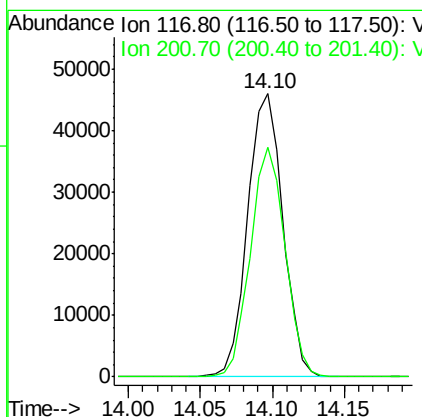
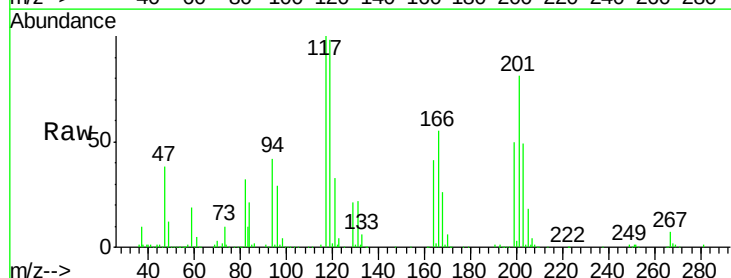
Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

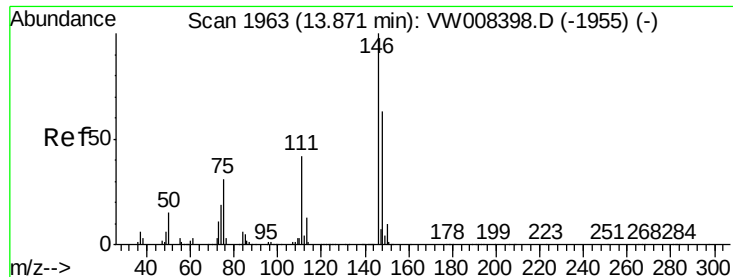
Tot Ion: 91 Resp: 390145
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.2
134 26.9 13.0 39.0



#90
Hexachloroethane
Concen: 17.794 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion: 117 Resp: 77508
Ion Ratio Lower Upper
117 100
201 80.1 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 20.326 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

Instrument :

MSVOA_W

ClientSampleId :

VW0208SBSD01

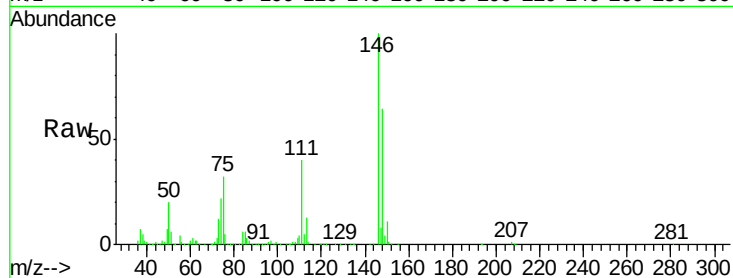
Tot Ion:146 Resp: 189892

Ion Ratio Lower Upper

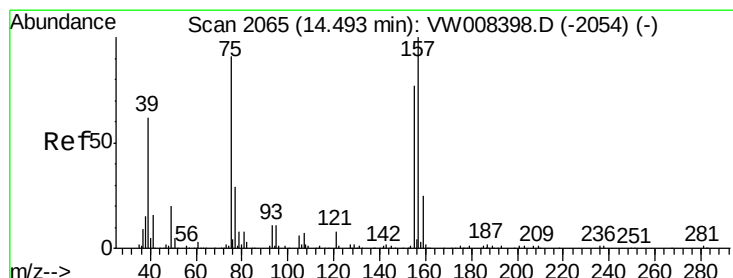
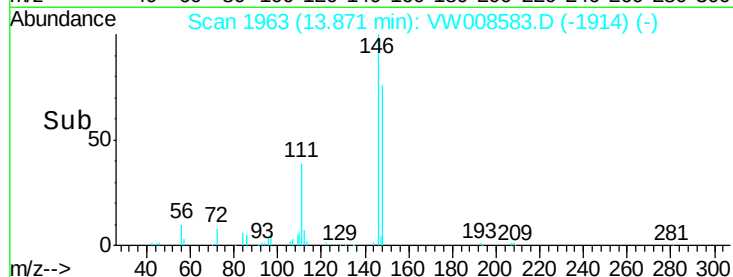
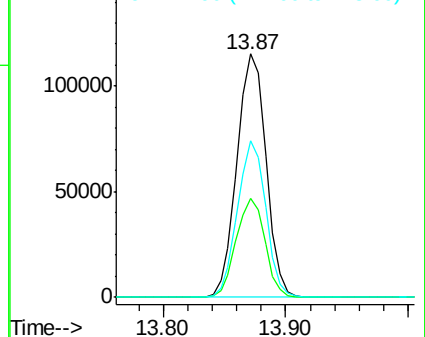
146 100

111 40.1 21.1 63.3

148 62.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.124 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008583.D

Acq: 08 Feb 2019 20:06

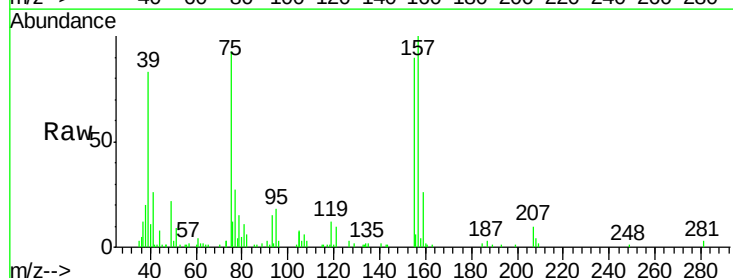
Tgt Ion: 75 Resp: 14471

Ion Ratio Lower Upper

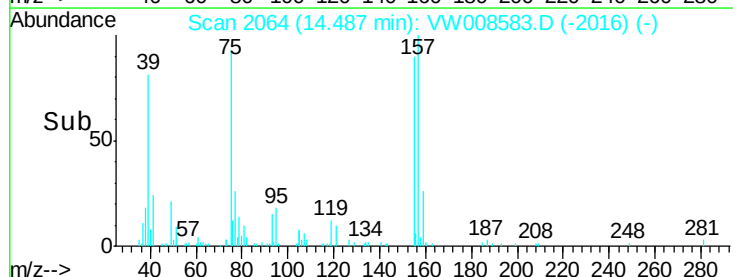
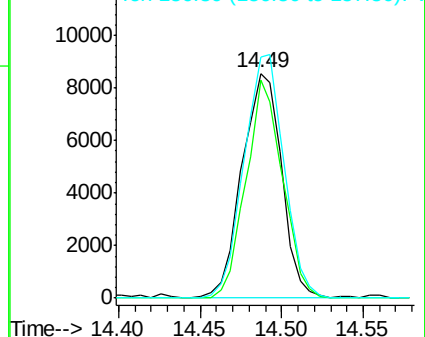
75 100

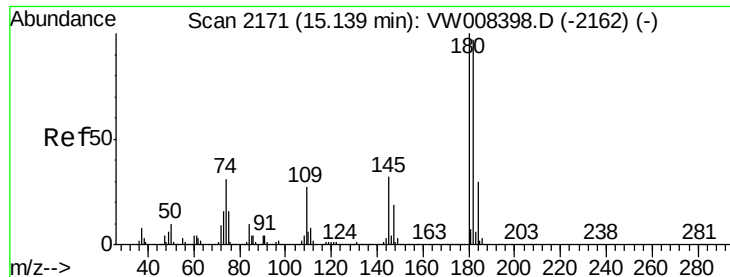
155 89.5 42.7 128.1

157 109.6 55.5 166.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

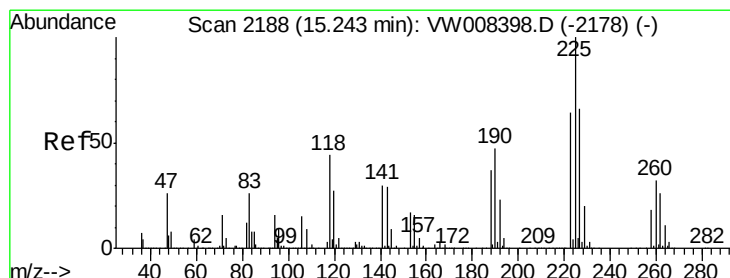
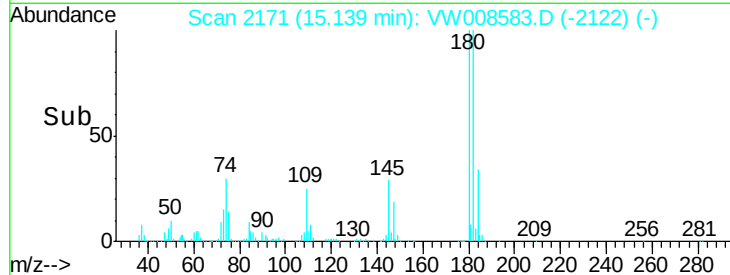
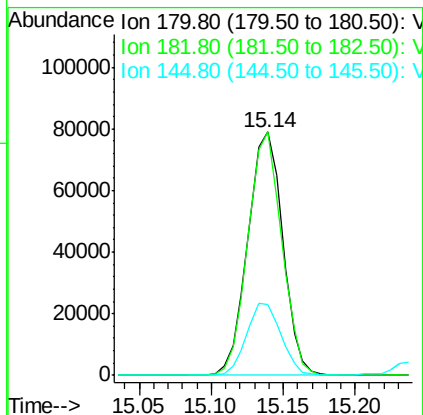
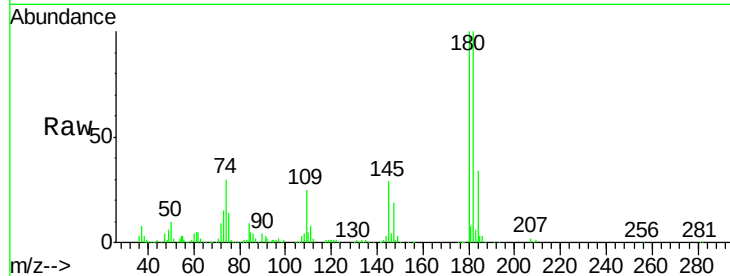




#93
 1,2,4-Trichlorobenzene
 Concen: 19.829 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

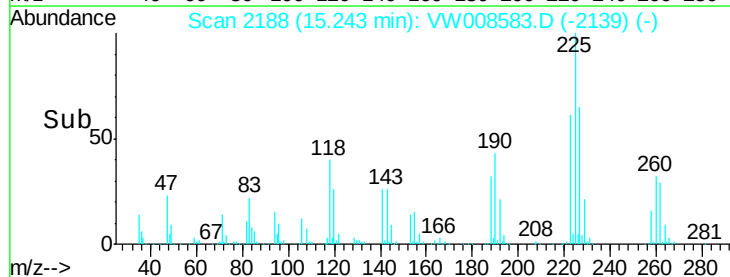
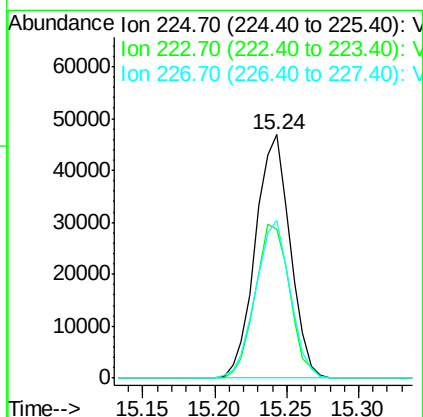
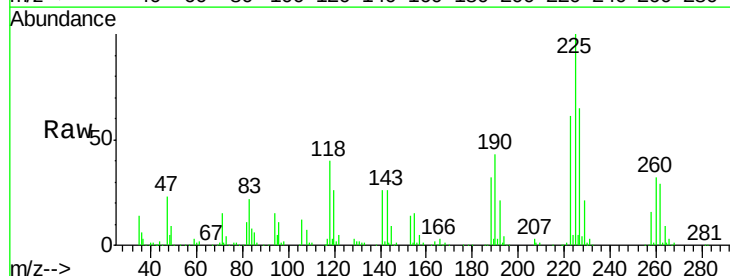
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0208SBSD01

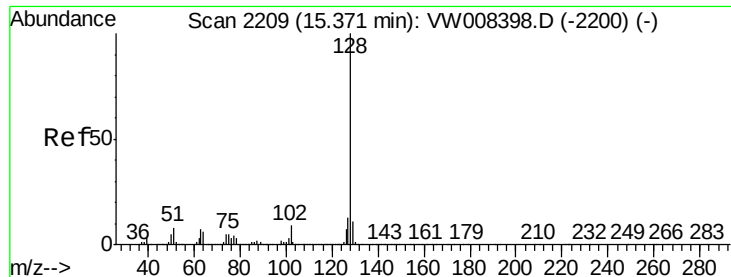
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.7
145	29.5	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 19.353 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008583.D
 Acq: 08 Feb 2019 20:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.7	95.1
227	64.3	32.1	96.3

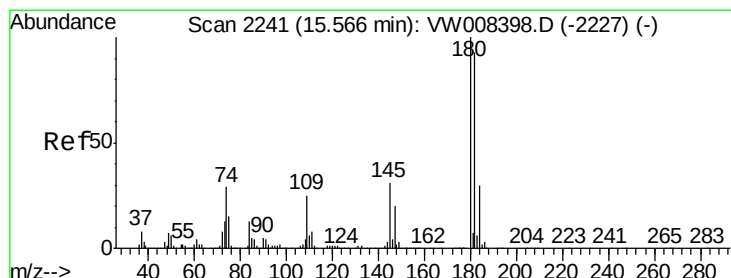
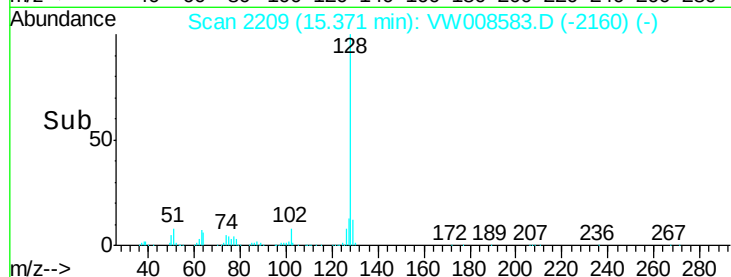
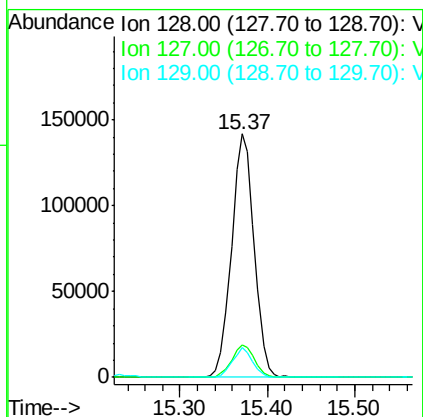
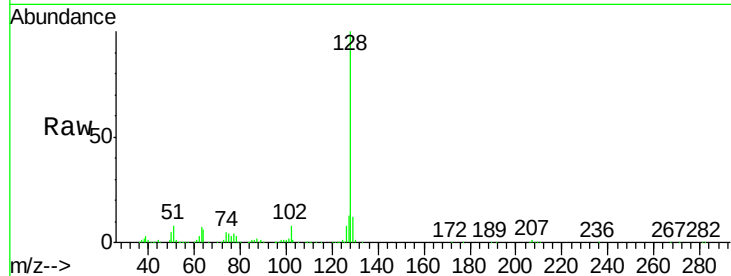




#95
Naphthalene
Concen: 21.792 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Instrument :
MSVOA_W
ClientSampleId :
VW0208SBSD01

Tot Ion:128 Resp: 255094
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.778 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008583.D
Acq: 08 Feb 2019 20:06

Tgt Ion:180 Resp: 117503
Ion Ratio Lower Upper
180 100
182 94.4 47.0 141.2
145 32.1 15.9 47.6

