

Data File : VW008145.D
Acq On : 10 Jan 2019 13:41
Operator : SY/AP
Sample : VW0110SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Quant Time: Jan 11 05:08:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	41435	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.88	113	38461	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.32	98	164998	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	56651	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	11169	19.543	ug/l	88
3) Chloromethane	2.21	50	14793	19.951	ug/l	98
4) Vinyl Chloride	2.37	62	19745	20.404	ug/l	96
5) Bromomethane	2.78	94	15607	21.529	ug/l	94
6) Chloroethane	2.93	64	12861	17.661	ug/l	97
7) Trichlorofluoromethane	3.26	101	14863	18.892	ug/l	85
8) Diethyl Ether	3.67	74	8918	20.051	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15004	19.209	ug/l	99
10) Methyl Iodide	4.27	142	20864	18.327	ug/l	97
11) Tert butyl alcohol	5.20	59	4871	82.837	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	14996	19.554	ug/l	91
13) Acrolein	3.89	56	4255	80.188	ug/l	98
14) Allyl chloride	4.67	41	28016	20.121	ug/l	98
15) Acrylonitrile	5.37	53	17787	105.045	ug/l	99
16) Acetone	4.12	43	16439	103.834	ug/l	91
17) Carbon Disulfide	4.37	76	45106	18.828	ug/l	99
18) Methyl Acetate	4.67	43	10093	20.290	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	23983	19.237	ug/l #	90
20) Methylene Chloride	4.92	84	18141	20.582	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	16508	19.808	ug/l	94
22) Diisopropyl ether	6.31	45	54060	20.358	ug/l	99
23) Vinyl Acetate	6.26	43	142030	101.840	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31187	20.157	ug/l	98
25) 2-Butanone	7.18	43	22611	103.254	ug/l	98
26) 2,2-Dichloropropane	7.16	77	20668	19.715	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	18332	20.161	ug/l	98
28) Bromochloromethane	7.51	49	12262	20.037	ug/l	97
29) Tetrahydrofuran	7.54	42	14609	99.872	ug/l	99
30) Chloroform	7.68	83	30147	20.470	ug/l	98
31) Cyclohexane	7.95	56	30729	18.552	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	25302	19.745	ug/l	98
36) 1,1-Dichloropropene	8.09	75	24922	19.123	ug/l	99
37) Ethyl Acetate	7.26	43	10302	19.731	ug/l	98
38) Carbon Tetrachloride	8.07	117	22888	19.188	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	31239	18.904	ug/l	90
40) Benzene	8.32	78	69247	19.590	ug/l	99
41) Methacrylonitrile	7.48	41	6208	18.822	ug/l	92
42) 1,2-Dichloroethane	8.40	62	18675	18.785	ug/l	99
43) Isopropyl Acetate	8.43	43	19824	18.990	ug/l	100
44) Trichloroethene	9.09	130	17105	18.904	ug/l	99
45) 1,2-Dichloropropane	9.37	63	17707	20.203	ug/l	99
46) Dibromomethane	9.46	93	8647	20.089	ug/l	95
47) Bromodichloromethane	9.65	83	21283	19.473	ug/l	95
48) Methyl methacrylate	9.44	41	9087	18.448	ug/l	91
49) 1,4-Dioxane	9.46	88	2644	381.957	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	49990	98.929	ug/l	98
52) Toluene	10.39	92	43695	19.356	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	21704	19.091	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	26394	19.578	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12276	20.313	ug/l	96
56) Ethyl methacrylate	10.65	69	14535	19.421	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21591	19.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	39186	101.362	ug/l	99
59) 2-Hexanone	10.97	43	34593	101.233	ug/l	97
60) Dibromochloromethane	11.13	129	13501	20.344	ug/l	100
61) 1,2-Dibromoethane	11.24	107	11441	19.952	ug/l	98
64) Tetrachloroethene	10.86	164	13833	18.393	ug/l	96
65) Chlorobenzene	11.66	112	47827	19.534	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	15451	19.403	ug/l	100
67) Ethyl Benzene	11.73	91	85292	19.039	ug/l	95
68) m/p-Xylenes	11.84	106	64920	37.967	ug/l	99
69) o-Xylene	12.17	106	28958	18.288	ug/l	97
70) Styrene	12.18	104	47628	19.204	ug/l	98
71) Bromoform	12.35	173	7045	19.767	ug/l #	89
73) Isopropylbenzene	12.47	105	83570	18.857	ug/l	99
74) N-amyl acetate	12.27	43	18231	18.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13883	19.571	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	18358	35.674	ug/l #	1
77) Bromobenzene	12.75	156	17577	18.770	ug/l	97
78) n-propylbenzene	12.81	91	102460	18.868	ug/l	100
79) 2-Chlorotoluene	12.90	91	57219	18.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	69983	19.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4075	18.440	ug/l	96
82) 4-Chlorotoluene	12.99	91	60557	18.979	ug/l	100
83) tert-Butylbenzene	13.21	119	59855	18.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	71702	19.089	ug/l	98
85) sec-Butylbenzene	13.39	105	90256	19.123	ug/l	100
86) p-Isopropyltoluene	13.51	119	77057	18.907	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	37084	19.522	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	37345	19.595	ug/l	99
89) n-Butylbenzene	13.83	91	75709	18.966	ug/l	99
90) Hexachloroethane	14.10	117	13503	19.615	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	31810	19.054	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2188	19.166	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21182	19.111	ug/l	96
94) Hexachlorobutadiene	15.24	225	11617	19.582	ug/l	97
95) Naphthalene	15.38	128	37697	18.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	17597	18.624	ug/l	100

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

Data File : VW008145.D

Acq On : 10 Jan 2019 13:41

Operator : SY/AP

Sample : VW0110SBSD01

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

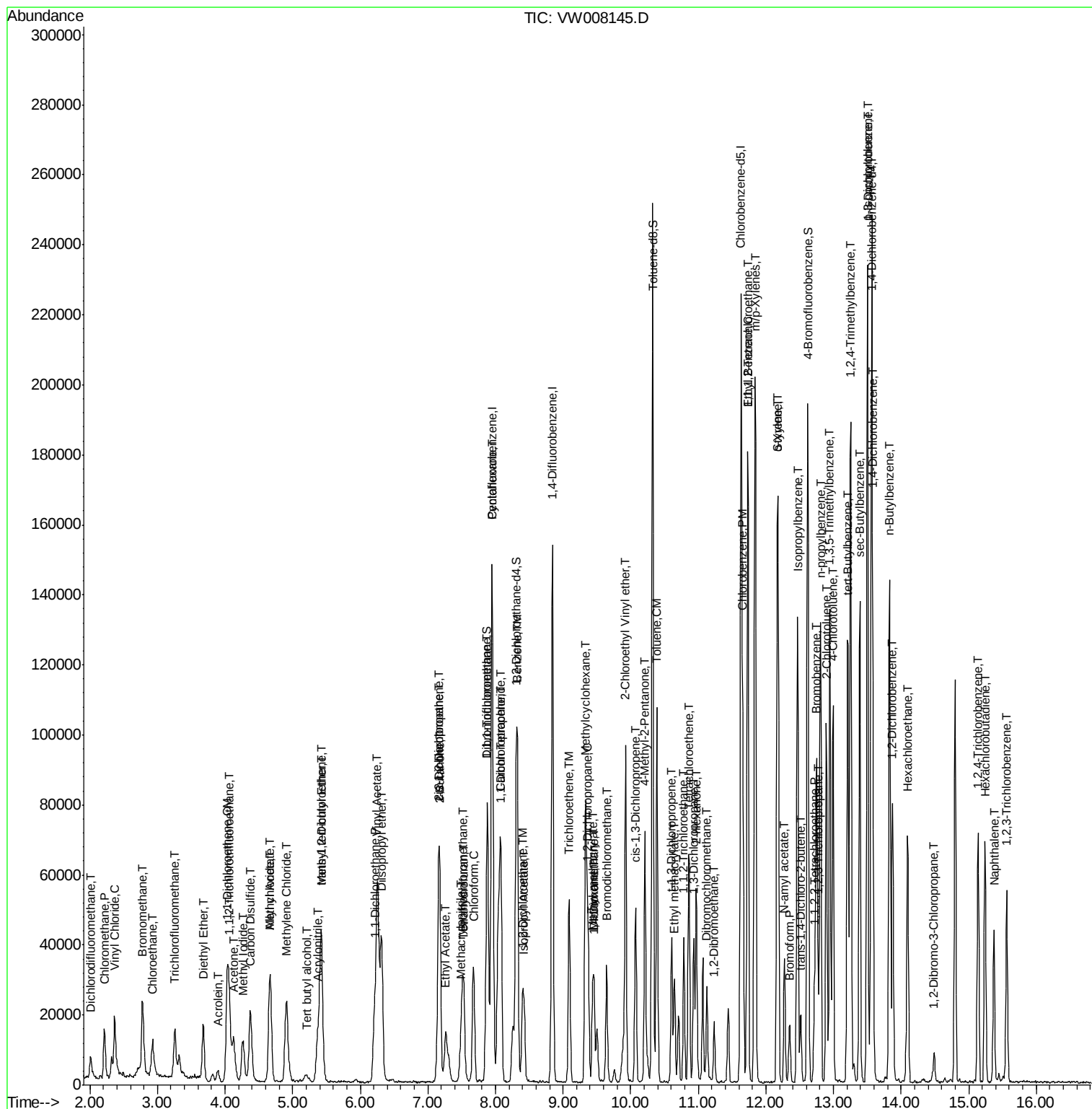
Quant Time: Jan 11 05:08:59 2019

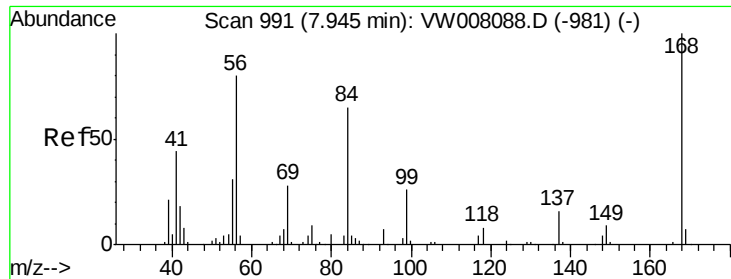
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Quant Title : SW846 8260

QLast Update : Wed Jan 09 04:40:48 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

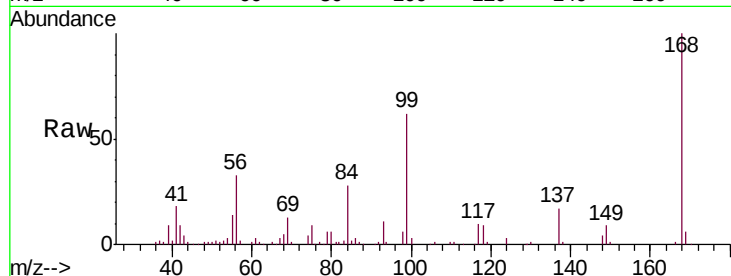
VW0110SBSD01

Tgt Ion: 168 Resp: 70028

Ion Ratio Lower Upper

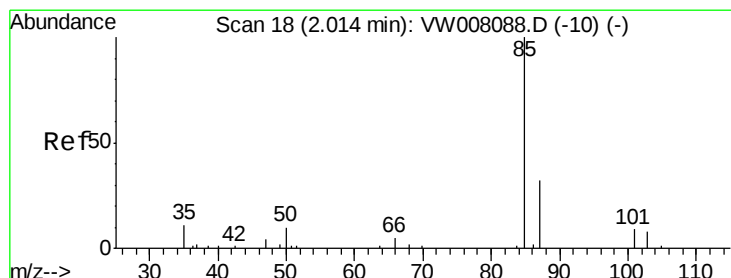
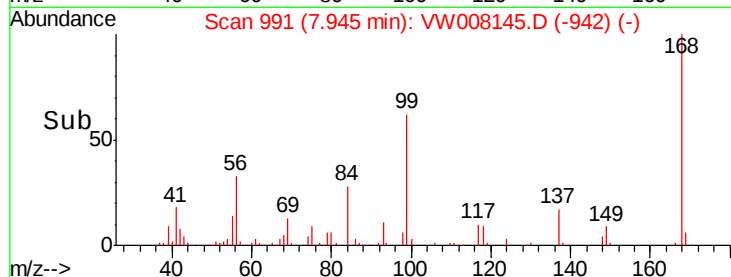
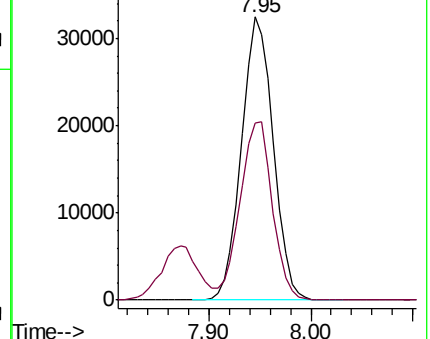
168 100

99 62.4 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.543 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008145.D

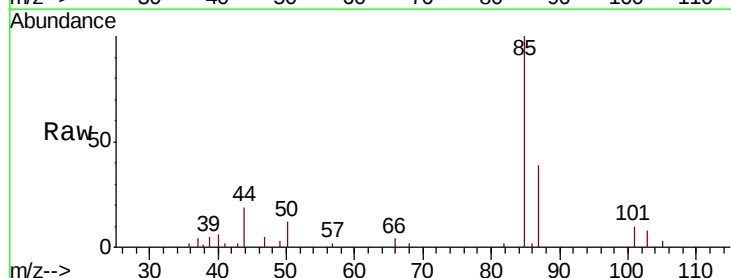
Acq: 10 Jan 2019 13:41

Tgt Ion: 85 Resp: 11169

Ion Ratio Lower Upper

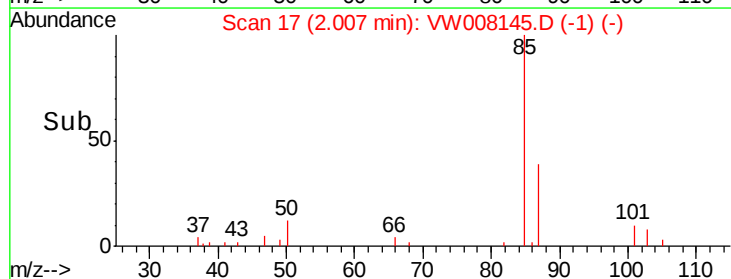
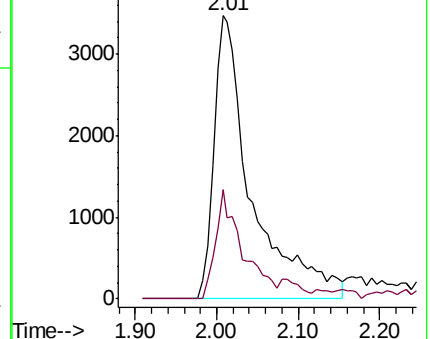
85 100

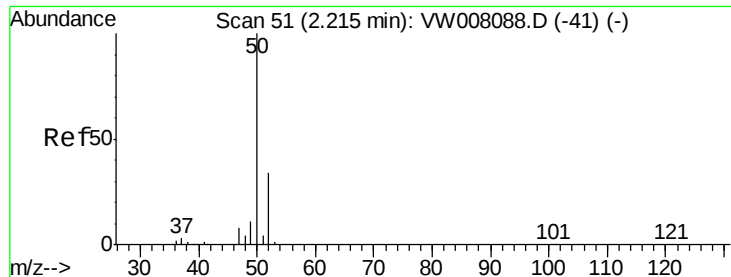
87 38.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.951 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

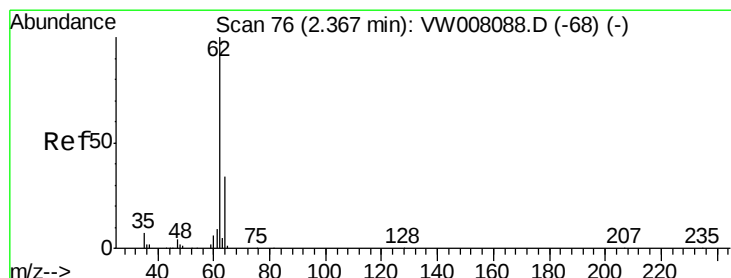
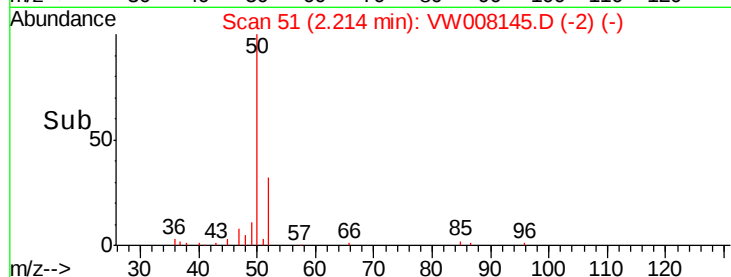
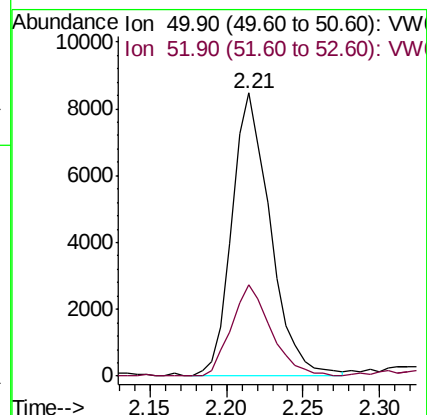
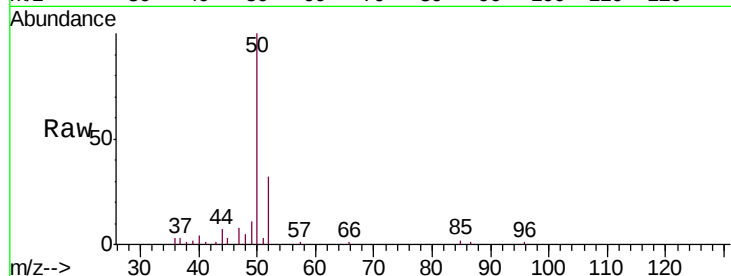
VW0110SBSD01

Tgt Ion: 50 Resp: 14793

Ion Ratio Lower Upper

50 100

52 32.3 26.8 40.2



#4

Vinyl Chloride

Concen: 20.404 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008145.D

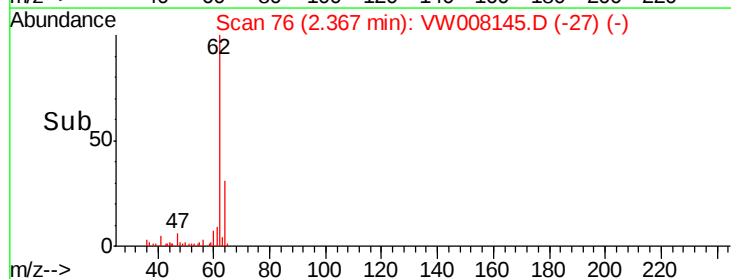
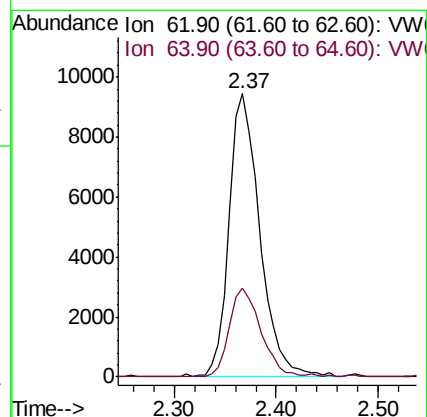
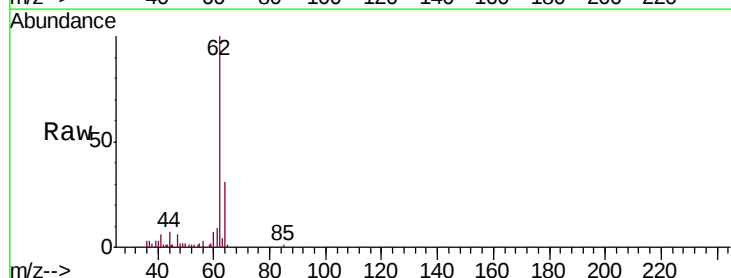
Acq: 10 Jan 2019 13:41

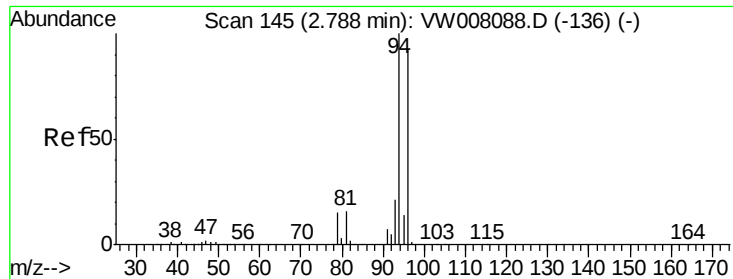
Tgt Ion: 62 Resp: 19745

Ion Ratio Lower Upper

62 100

64 31.5 27.0 40.6





#5

Bromomethane

Concen: 21.529 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

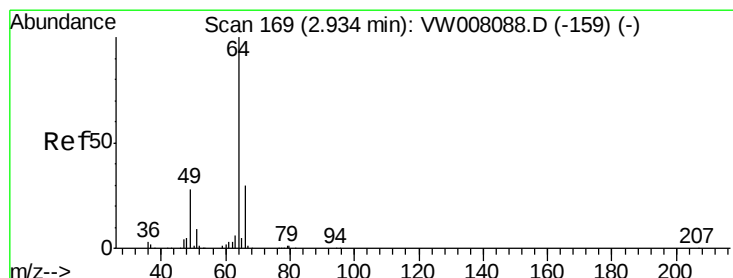
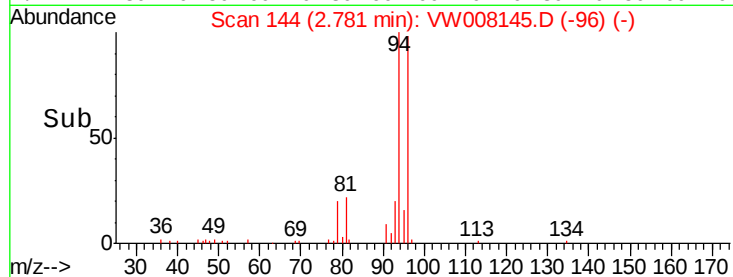
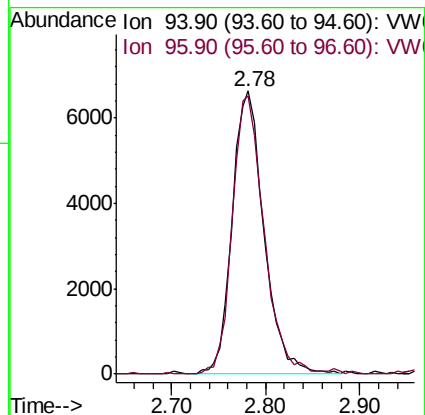
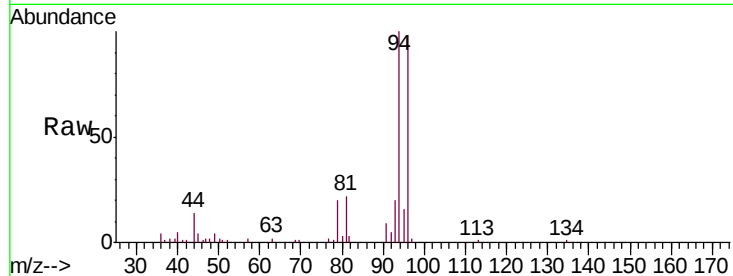
VW0110SBSD01

Tgt Ion: 94 Resp: 15607

Ion Ratio Lower Upper

94 100

96 98.2 74.1 111.1



#6

Chloroethane

Concen: 17.661 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008145.D

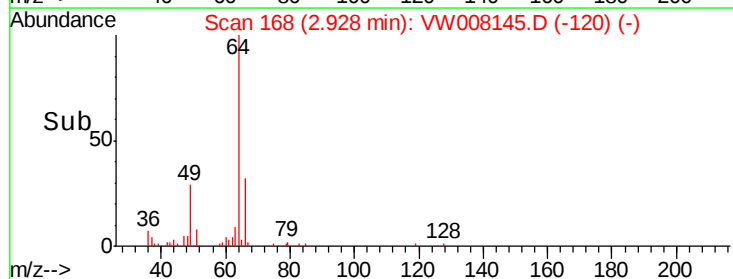
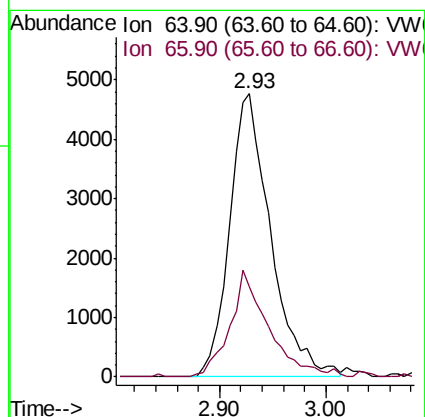
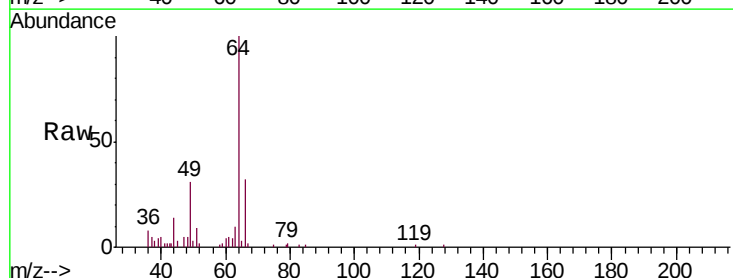
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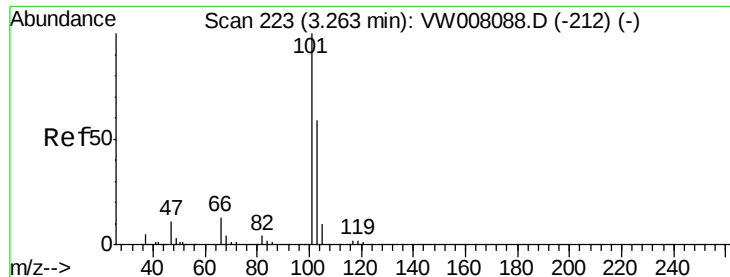
Tgt Ion: 64 Resp: 12861

Ion Ratio Lower Upper

64 100

66 31.9 24.2 36.2



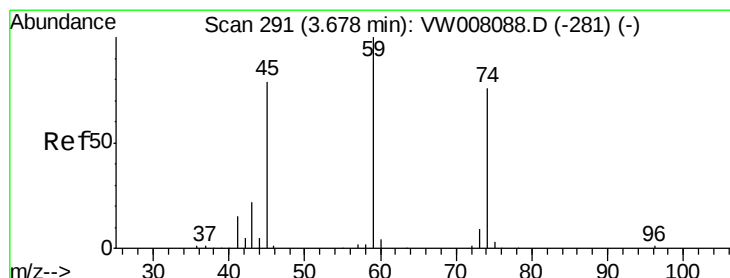
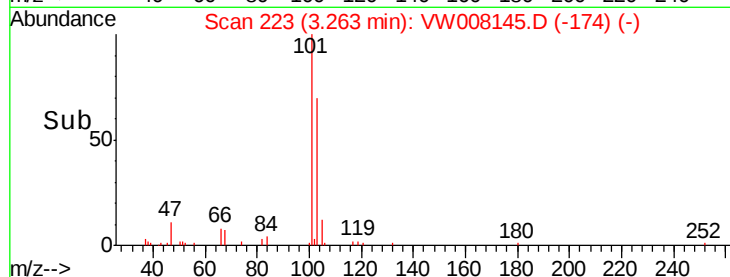
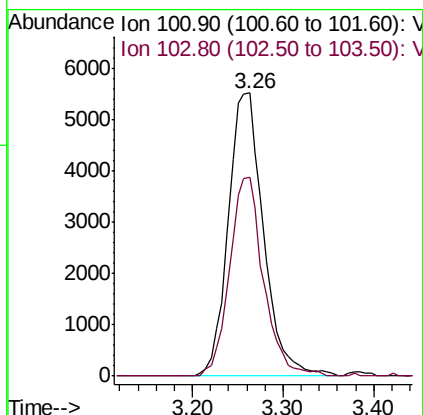
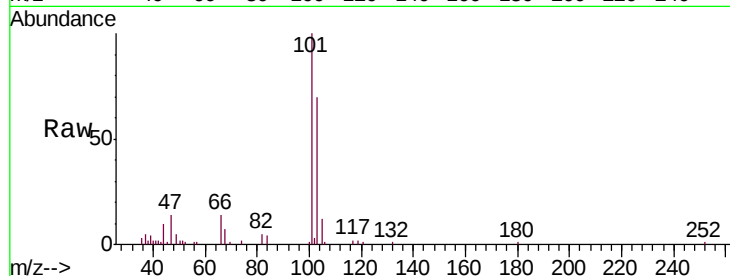


#7

Trichlorofluoromethane
 Concen: 18.892 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Instrument :
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 VW0110SBSD01

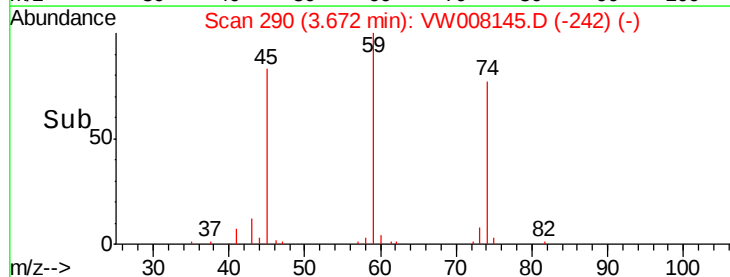
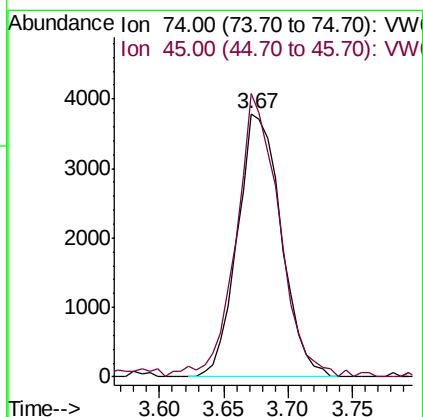
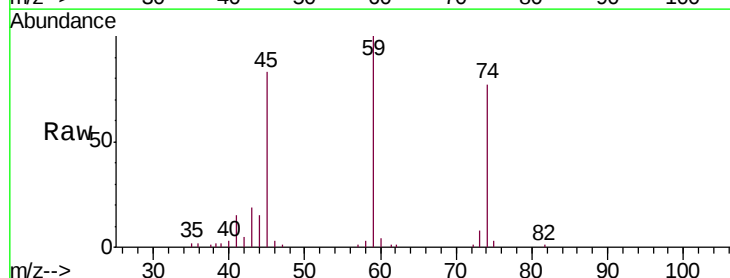
Tgt Ion:101 Resp: 14863
 Ion Ratio Lower Upper
 101 100
 103 70.1 47.0 70.6

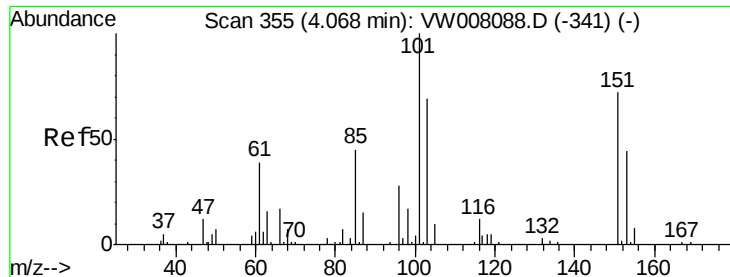


#8

Diethyl Ether
 Concen: 20.051 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 74 Resp: 8918
 Ion Ratio Lower Upper
 74 100
 45 106.2 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.209 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

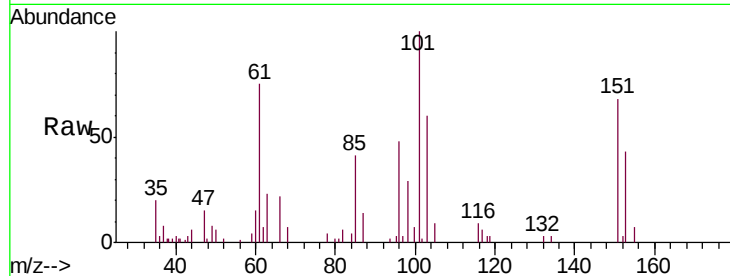
Tgt Ion:101 Resp: 15004

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

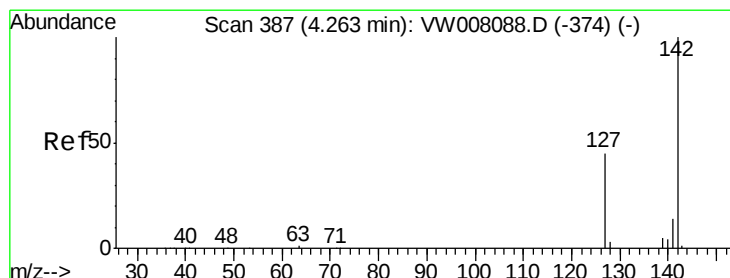
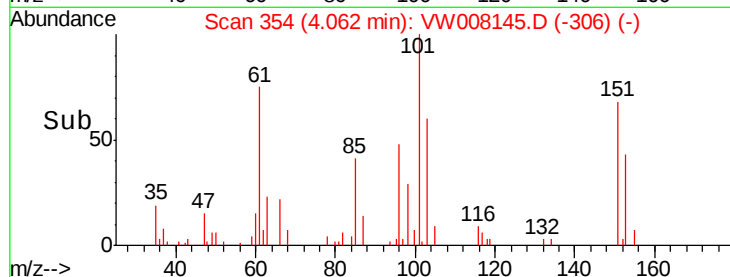
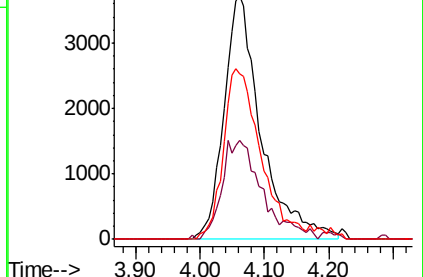
151 70.5 55.8 83.8



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: 18.327 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

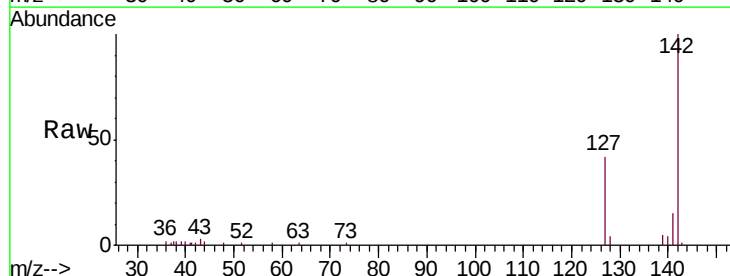
Tgt Ion:142 Resp: 20864

Ion Ratio Lower Upper

142 100

127 45.9 35.0 52.4

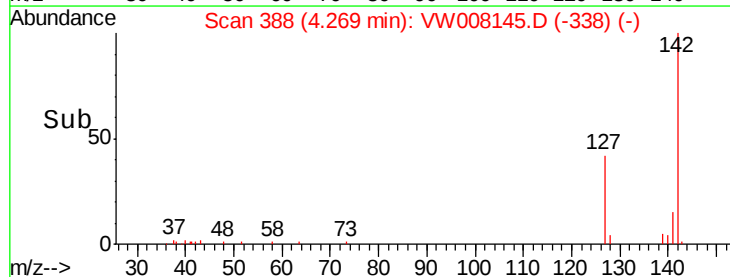
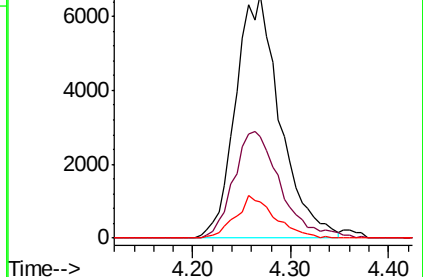
141 15.3 11.8 17.6

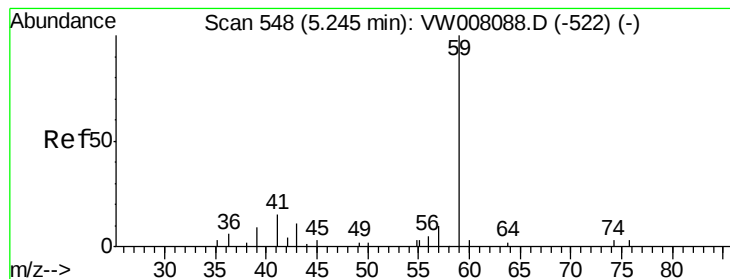


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



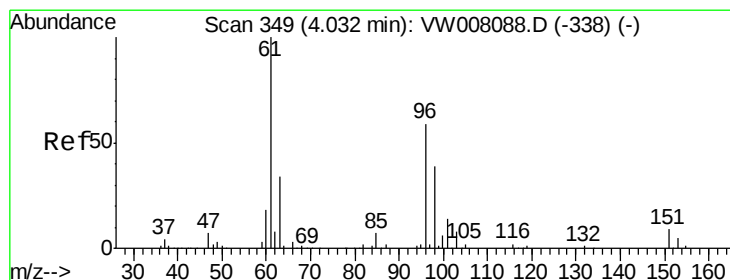
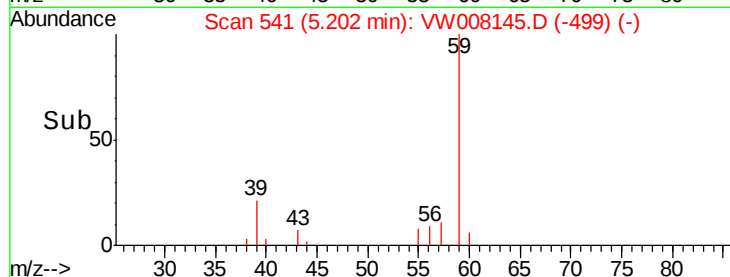
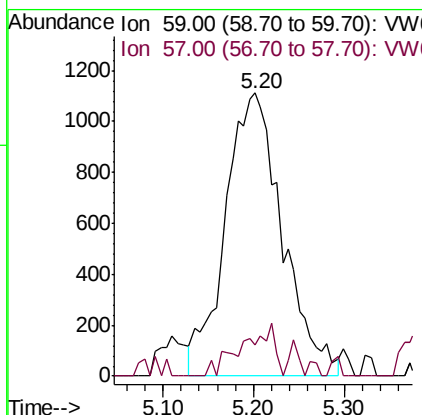
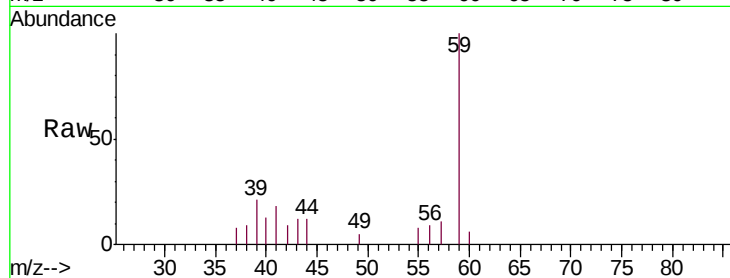


#11

Tert butyl alcohol
 Concen: 82.837 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.04 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

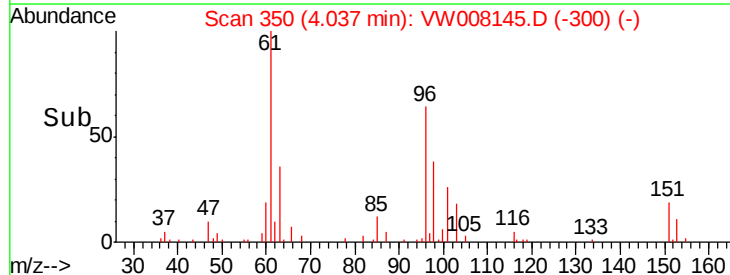
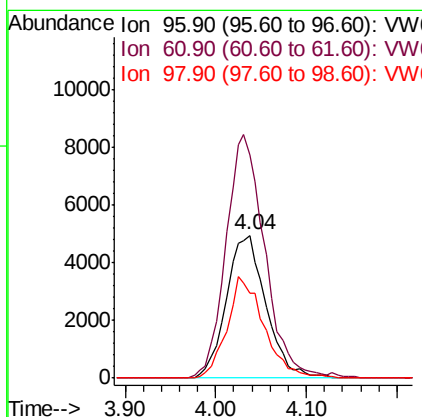
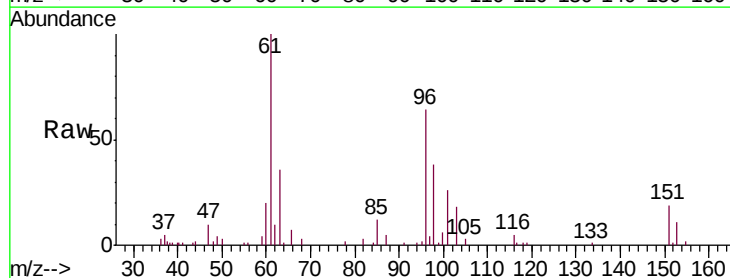
Tgt Ion: 59 Resp: 4871
 Ion Ratio Lower Upper
 59 100
 57 6.2 0.0 0.0#

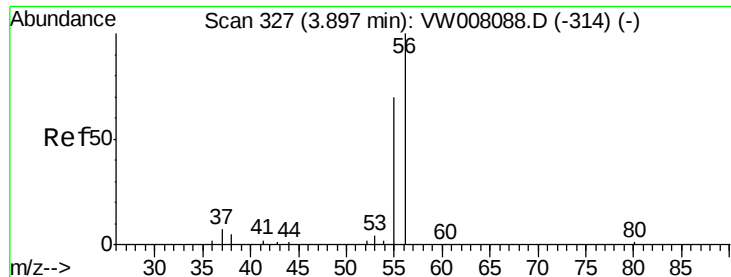


#12

1,1-Dichloroethene
 Concen: 19.554 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 96 Resp: 14996
 Ion Ratio Lower Upper
 96 100
 61 156.7 135.4 203.2
 98 59.9 52.5 78.7





#13

Acrolein

Concen: 80.188 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

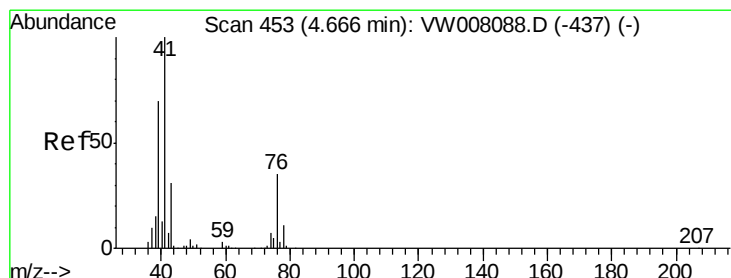
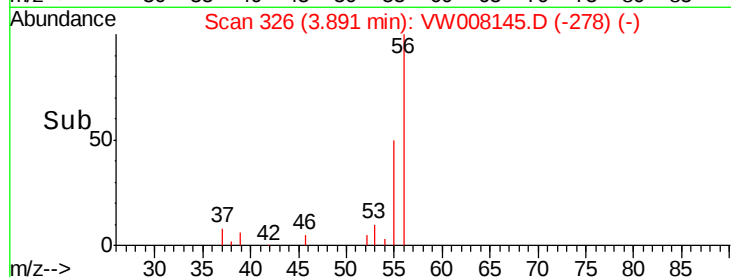
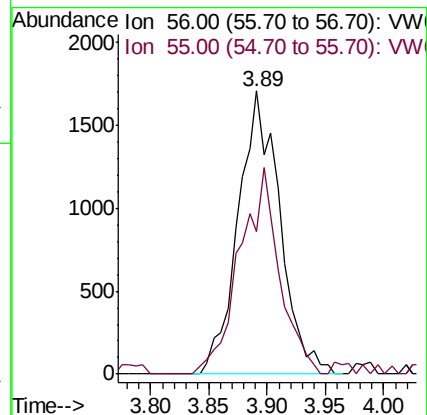
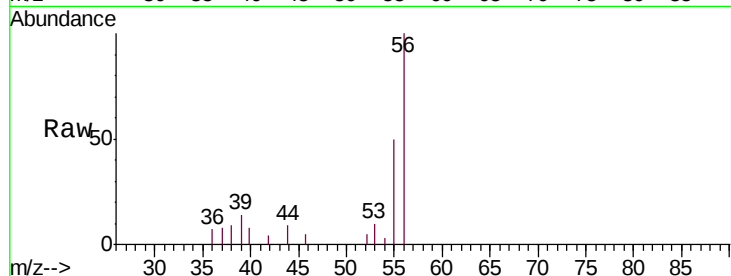
VW0110SBSD01

Tgt Ion: 56 Resp: 4255

Ion Ratio Lower Upper

56 100

55 69.2 56.6 84.8



#14

Allyl chloride

Concen: 20.121 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

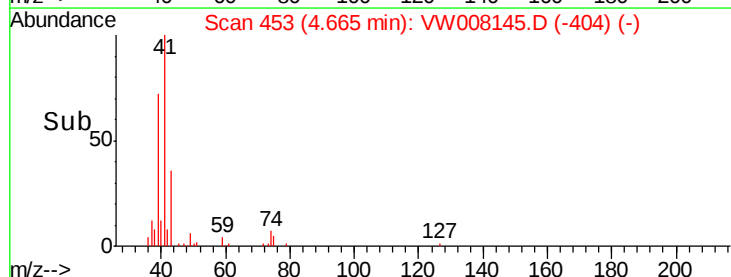
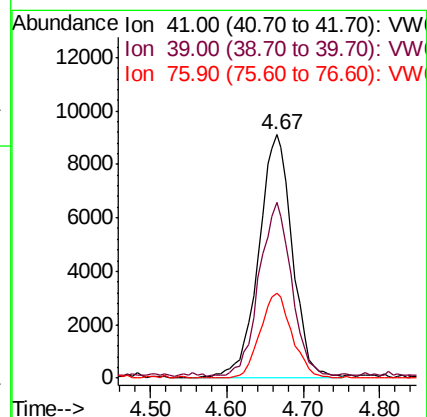
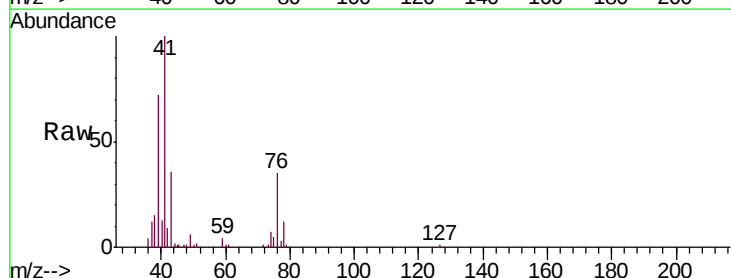
Tgt Ion: 41 Resp: 28016

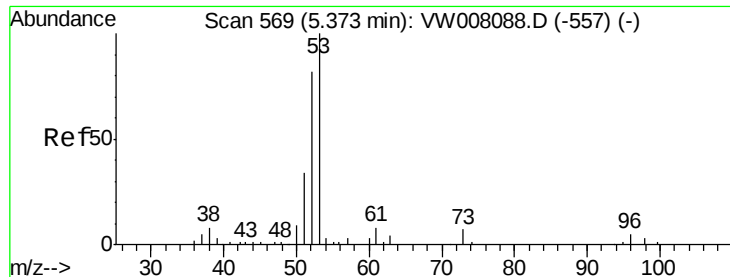
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.8

76 33.1 27.6 41.4





#15

Acrylonitrile

Concen: 105.045 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

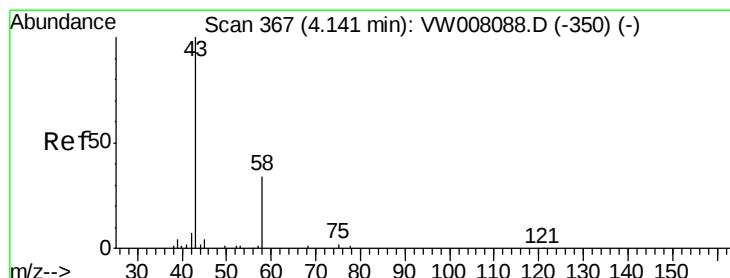
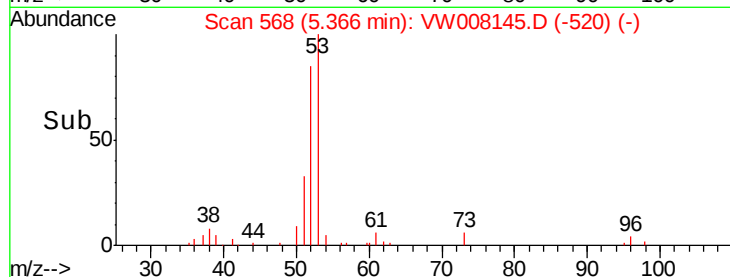
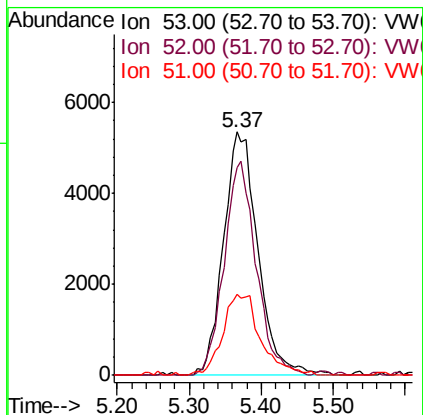
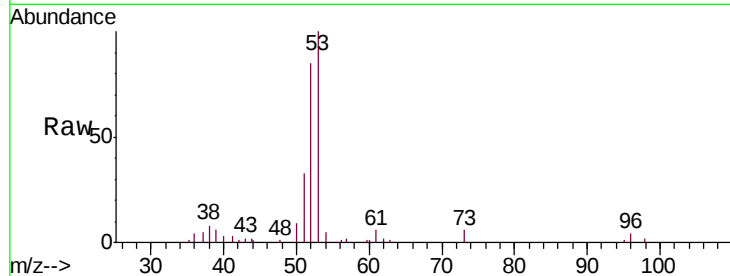
Tgt Ion: 53 Resp: 17787

Ion Ratio Lower Upper

53 100

52 82.0 66.8 100.2

51 36.5 29.7 44.5



#16

Acetone

Concen: 103.834 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008145.D

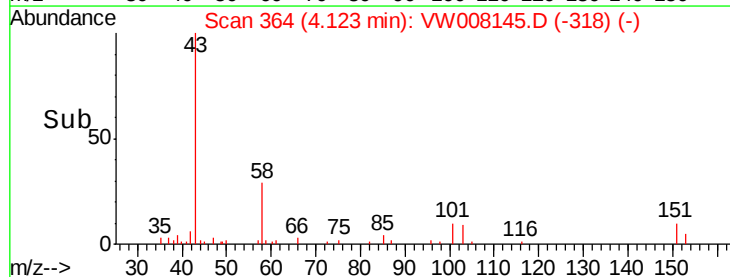
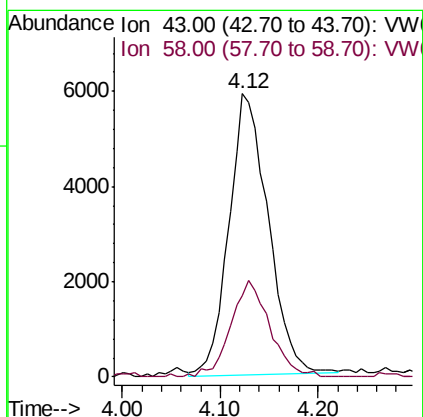
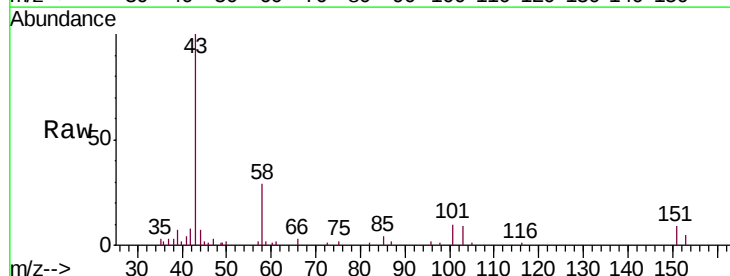
Acq: 10 Jan 2019 13:41

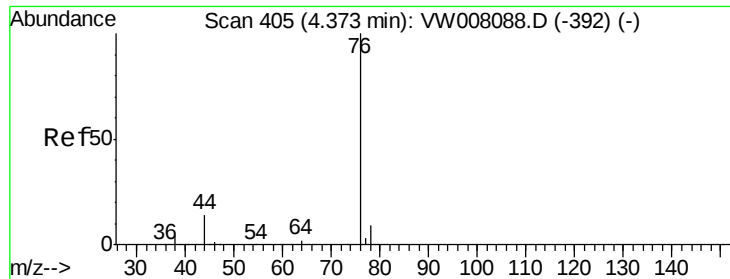
Tgt Ion: 43 Resp: 16439

Ion Ratio Lower Upper

43 100

58 29.0 27.5 41.3

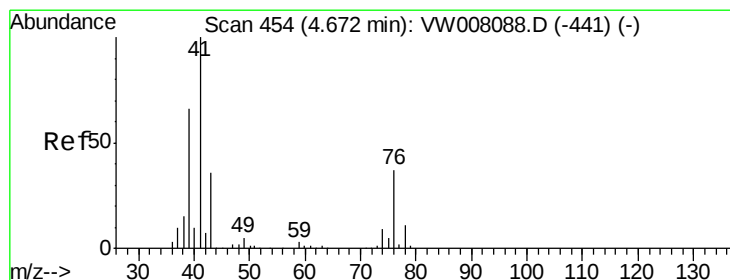
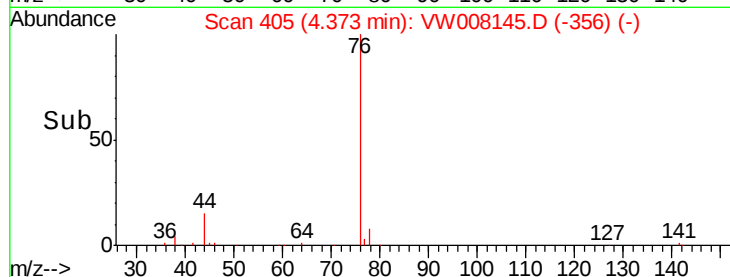
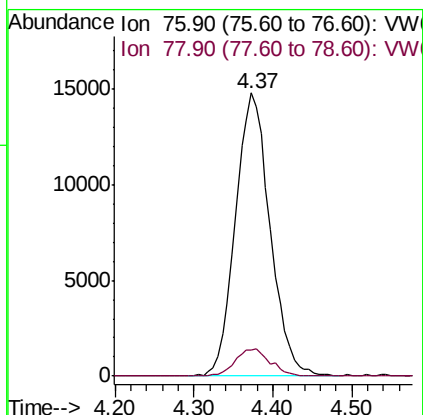
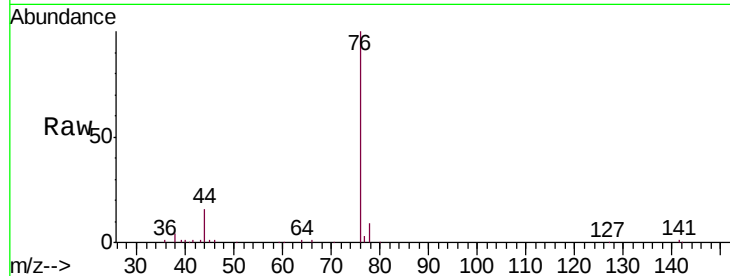




#17
Carbon Disulfide
Concen: 18.828 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

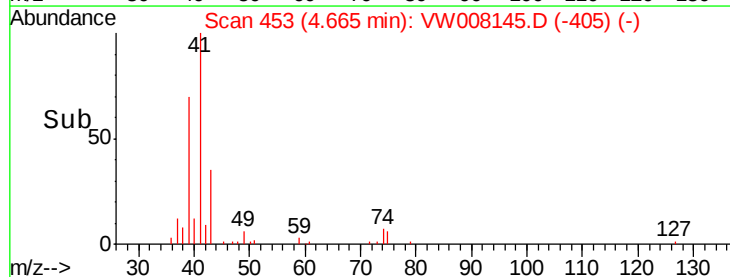
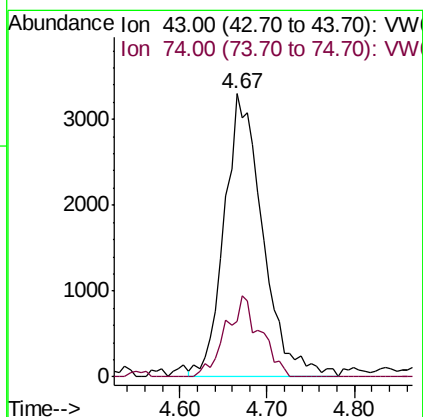
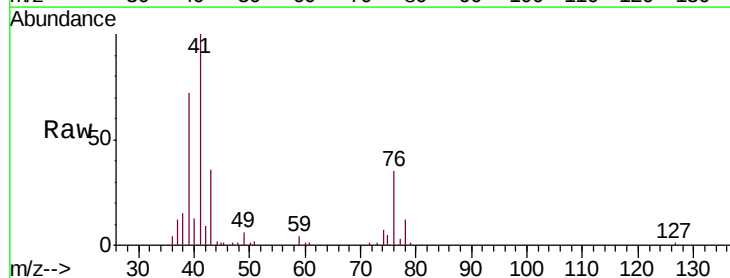
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

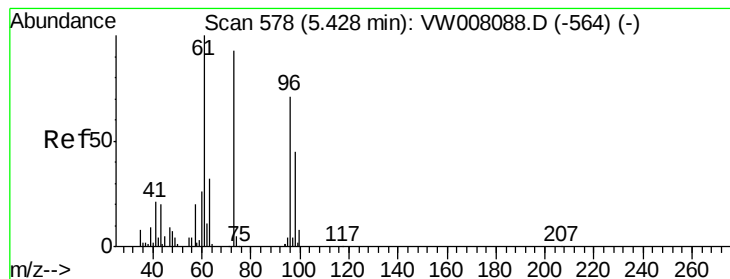
Tgt Ion: 76 Resp: 45106
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.290 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 43 Resp: 10093
Ion Ratio Lower Upper
43 100
74 25.8 19.0 28.4



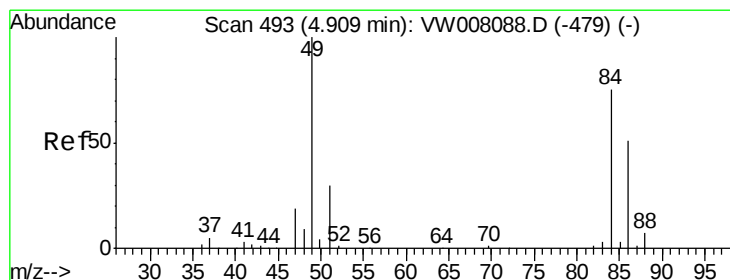
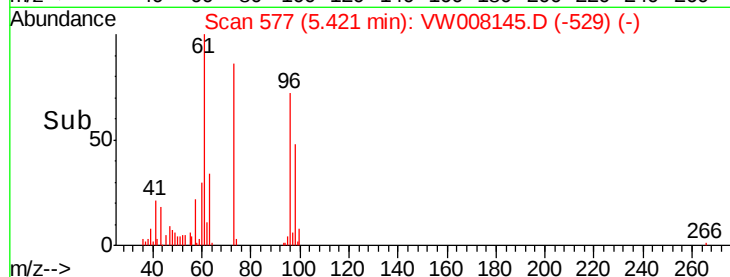
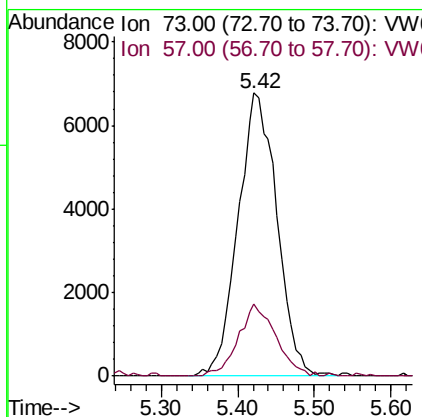
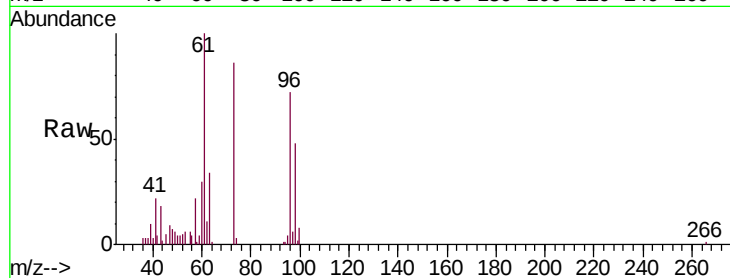


#19

Methyl tert-butyl Ether
 Concen: 19.237 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

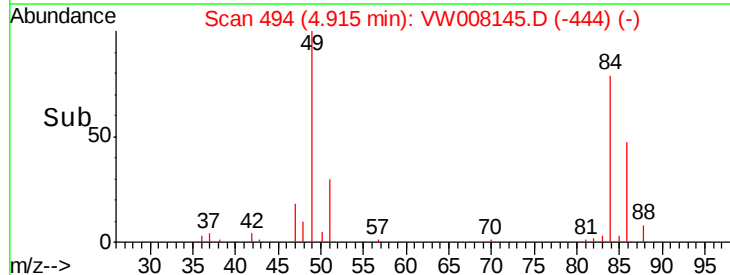
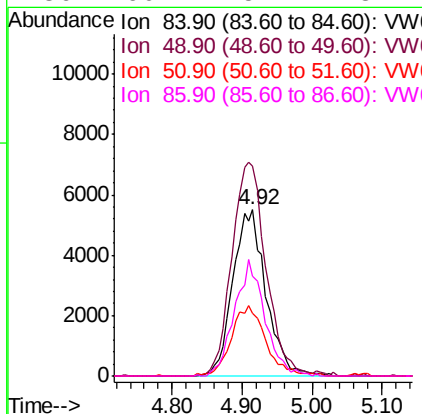
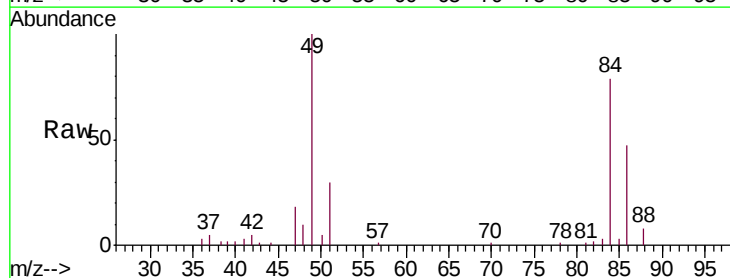
Tgt Ion: 73 Resp: 23983
 Ion Ratio Lower Upper
 73 100
 57 25.5 16.7 25.1#

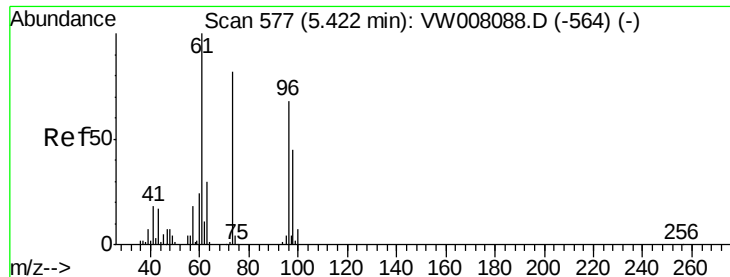


#20

Methylene Chloride
 Concen: 20.582 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 84 Resp: 18141
 Ion Ratio Lower Upper
 84 100
 49 126.8 107.1 160.7
 51 38.1 32.4 48.6
 86 60.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 19.808 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

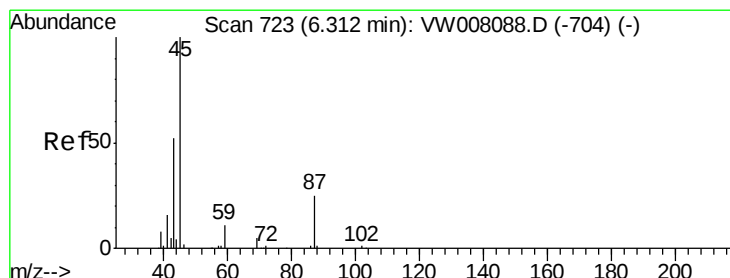
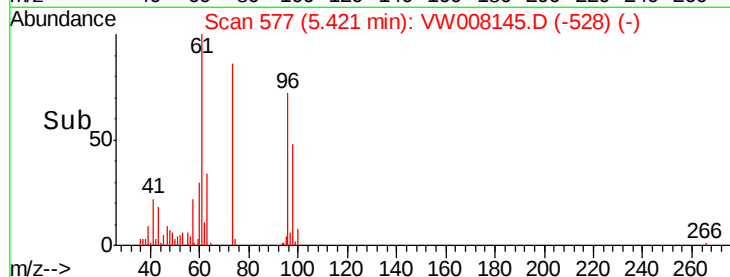
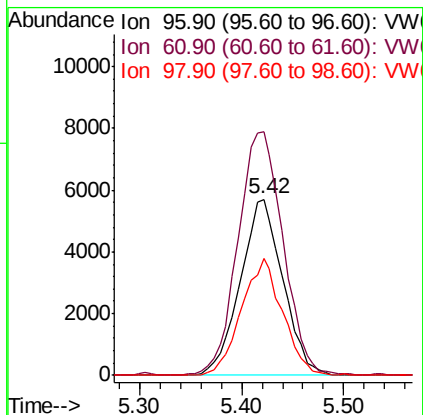
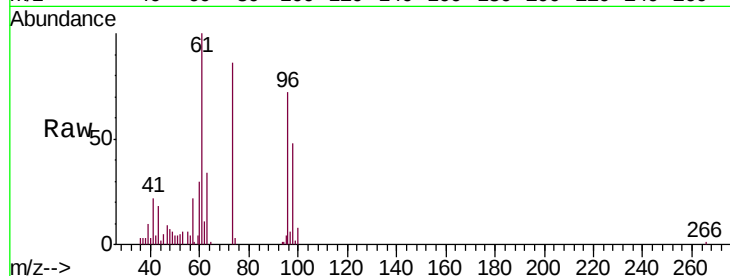
Tgt Ion: 96 Resp: 16508

Ion Ratio Lower Upper

96 100

61 137.1 117.4 176.0

98 66.7 52.2 78.4



#22

Diisopropyl ether

Concen: 20.358 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Tgt Ion: 45 Resp: 54060

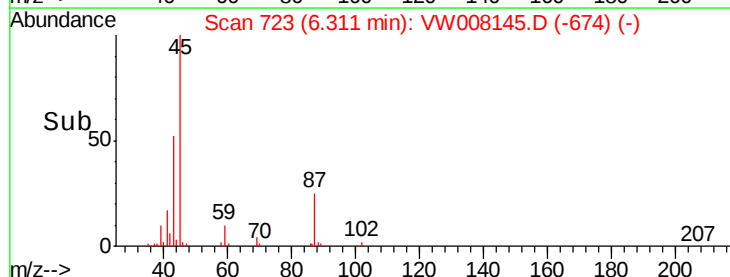
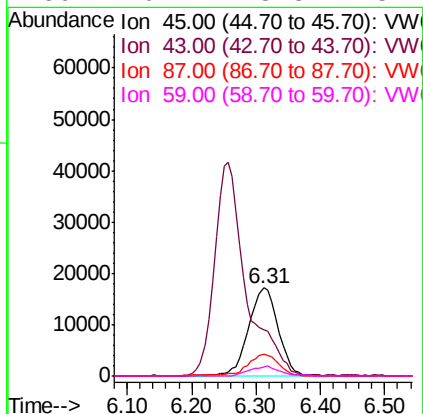
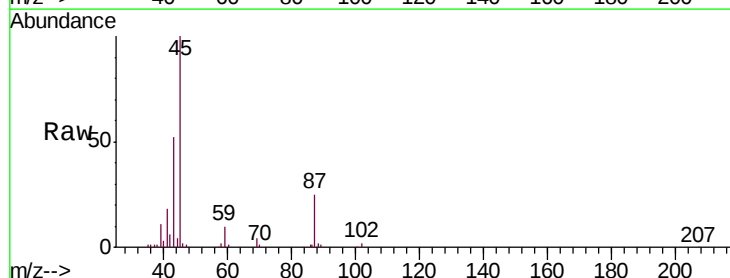
Ion Ratio Lower Upper

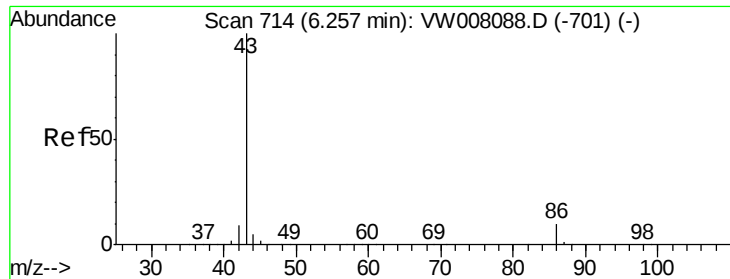
45 100

43 51.5 41.7 62.5

87 25.3 20.1 30.1

59 10.2 8.8 13.2

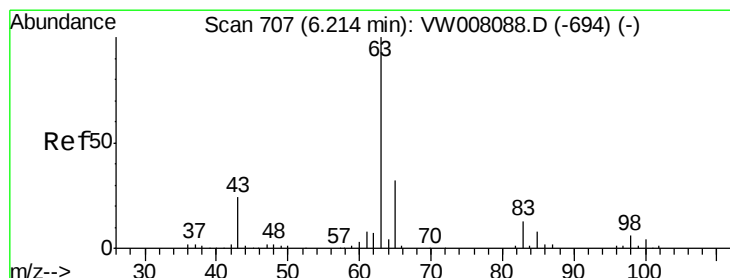
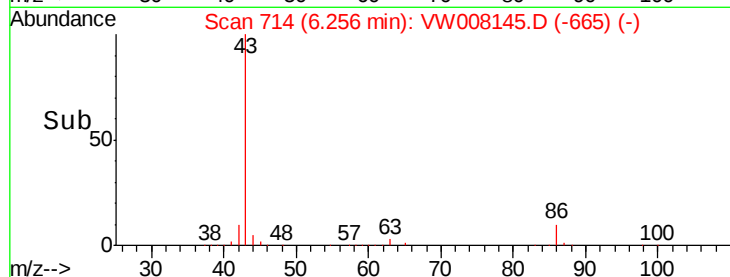
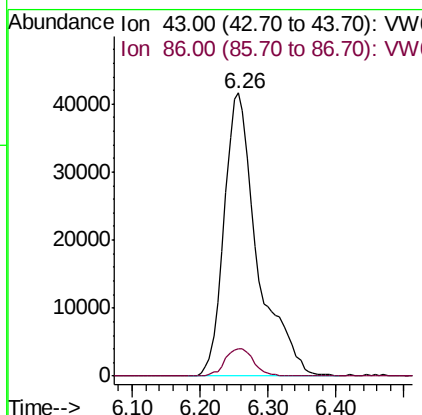
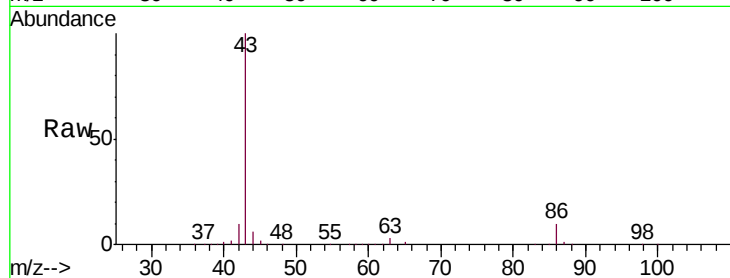




#23
 Vinyl Acetate
 Concen: 101.840 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

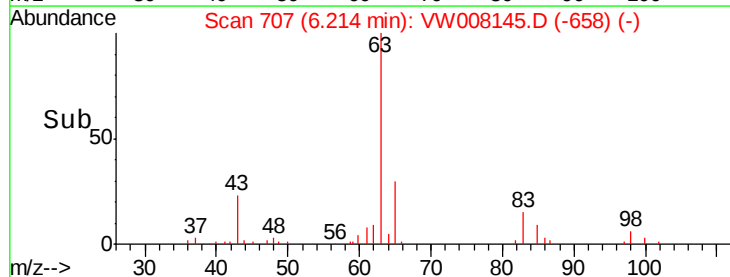
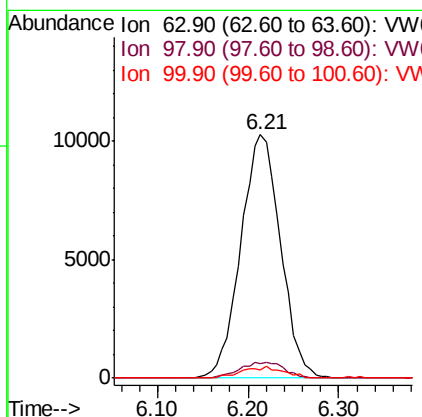
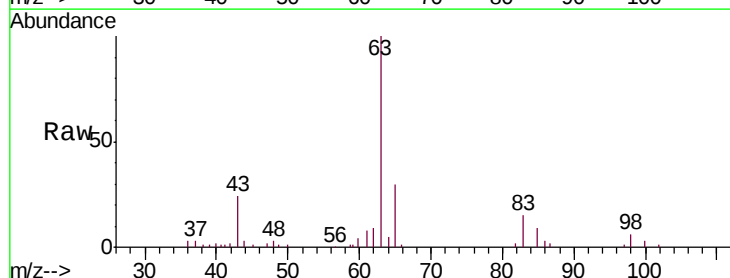
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

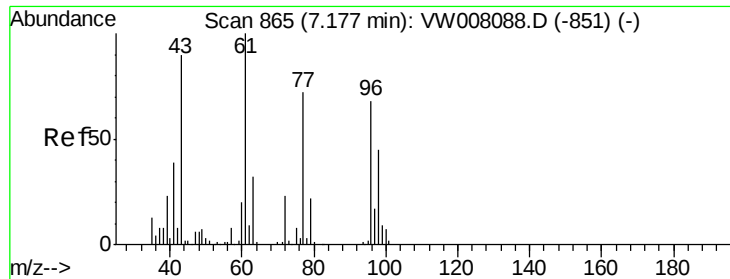
Tgt Ion: 43 Resp: 142030
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.157 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 63 Resp: 31187
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.2 9.6
 100 3.4 2.0 6.0





#25

2-Butanone

Concen: 103.254 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

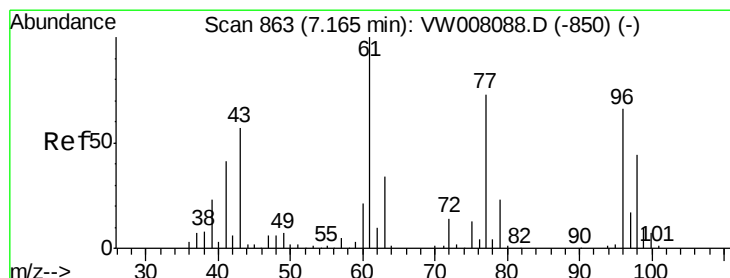
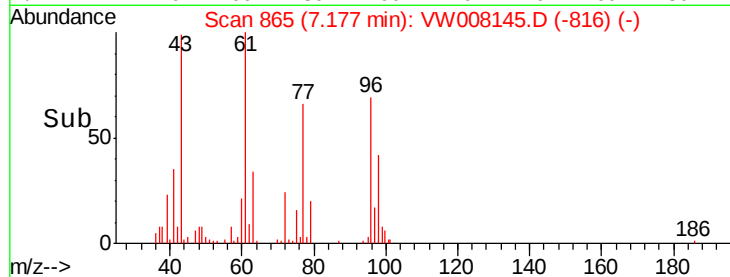
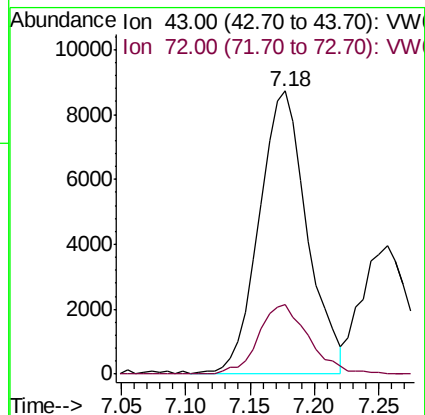
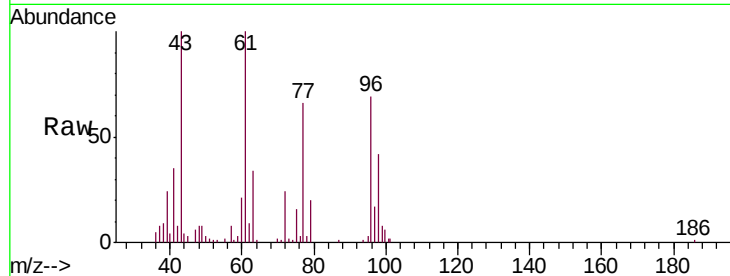
VW0110SBSD01

Tgt Ion: 43 Resp: 22611

Ion Ratio Lower Upper

43 100

72 24.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.715 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008145.D

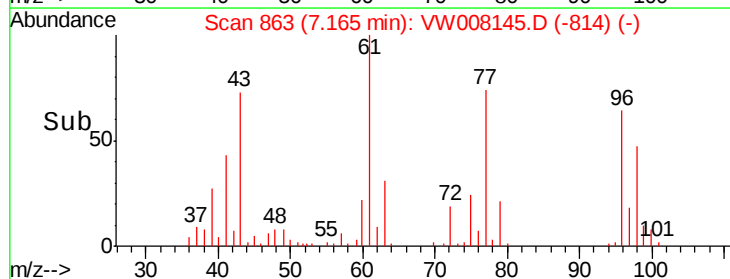
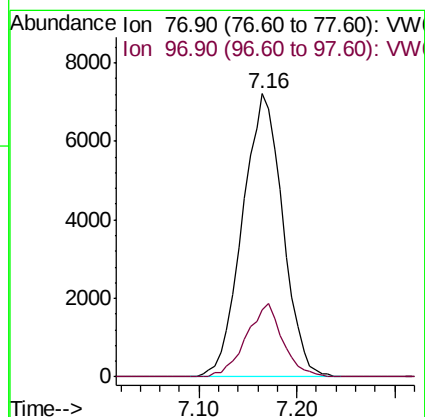
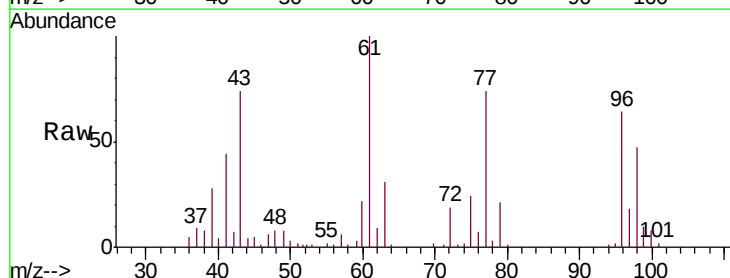
Acq: 10 Jan 2019 13:41

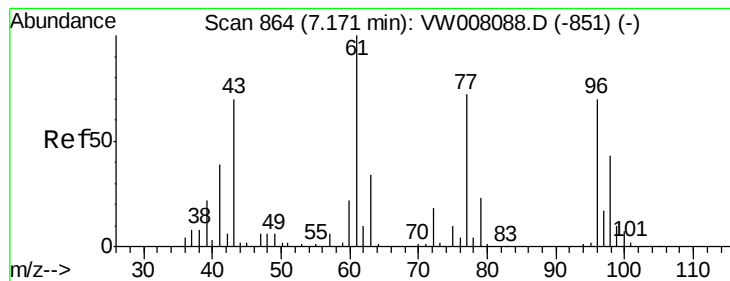
Tgt Ion: 77 Resp: 20668

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1



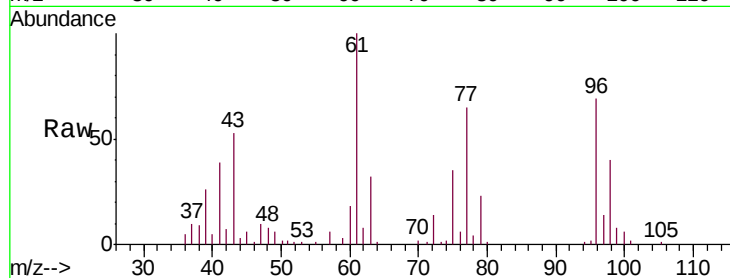


#27

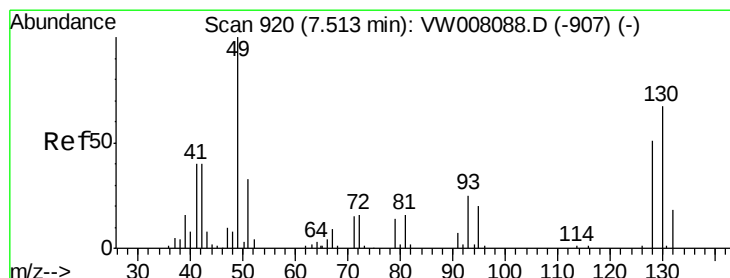
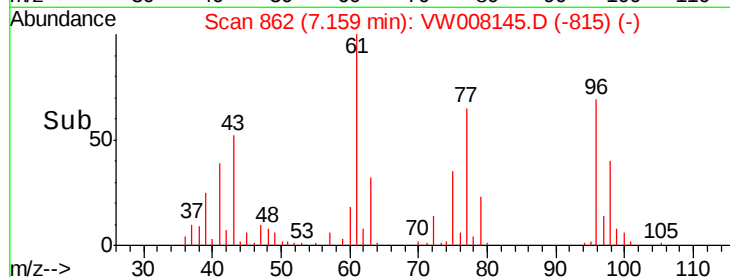
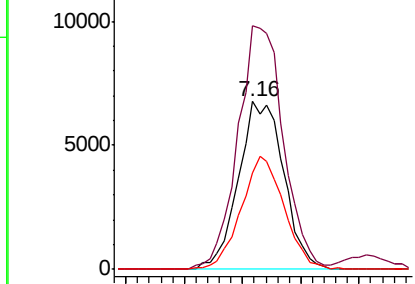
cis-1,2-Dichloroethene
Concen: 20.161 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Tgt Ion: 96 Resp: 18332
Ion Ratio Lower Upper
96 100
61 145.9 0.0 300.4
98 63.9 0.0 128.4



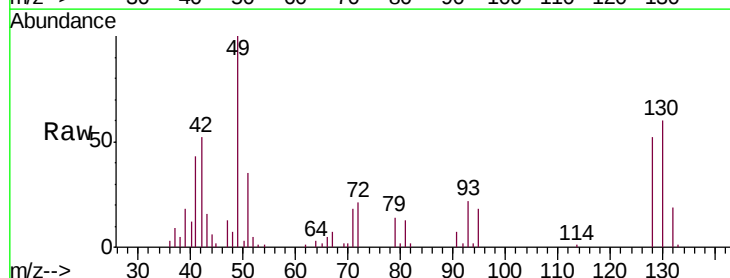
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



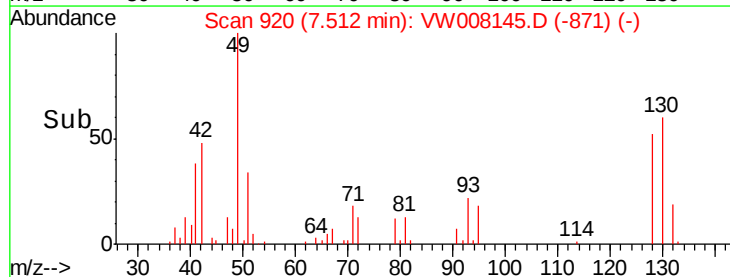
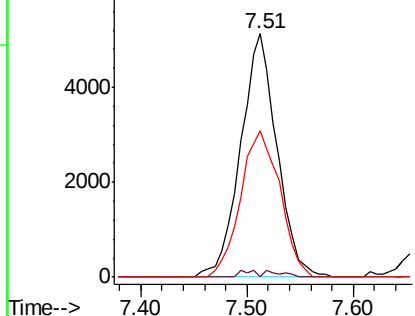
#28

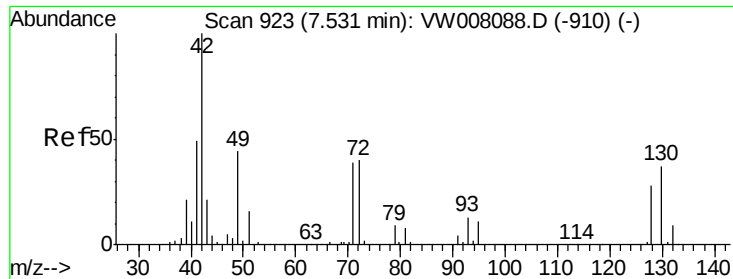
Bromochloromethane
Concen: 20.037 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 49 Resp: 12262
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.8
130 65.3 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

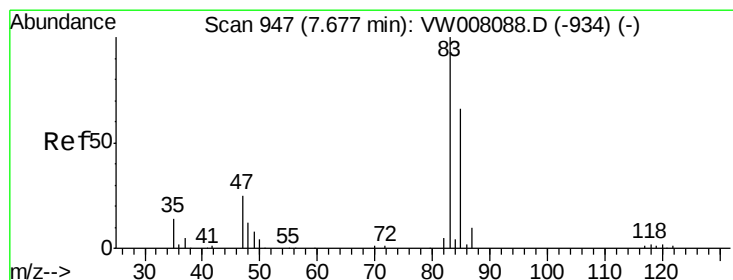
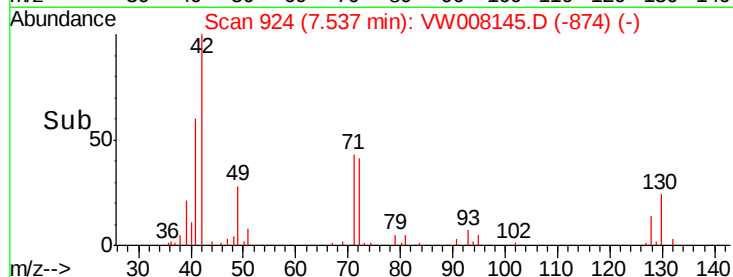
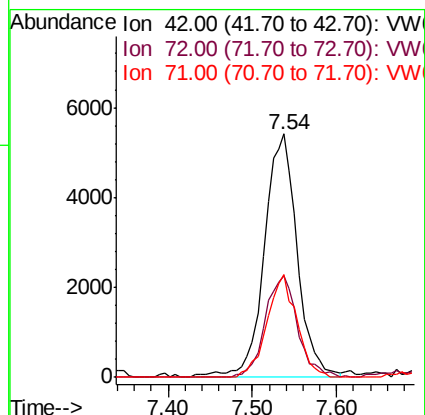
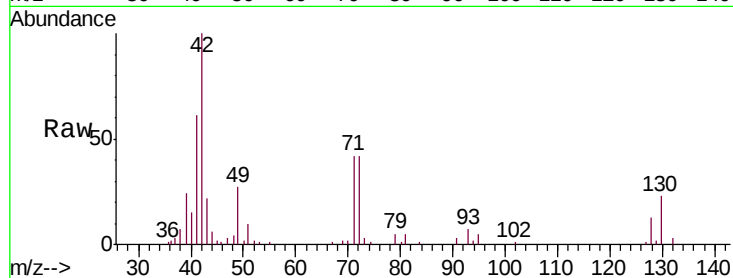




#29
Tetrahydrofuran
Concen: 99.872 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

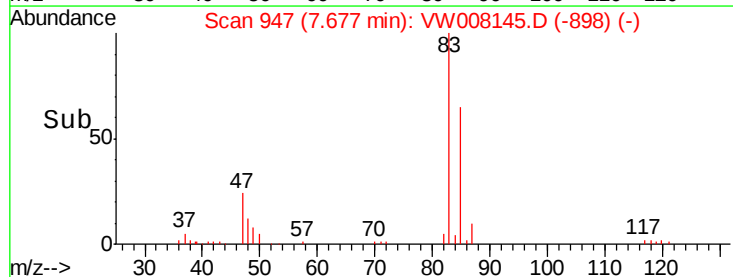
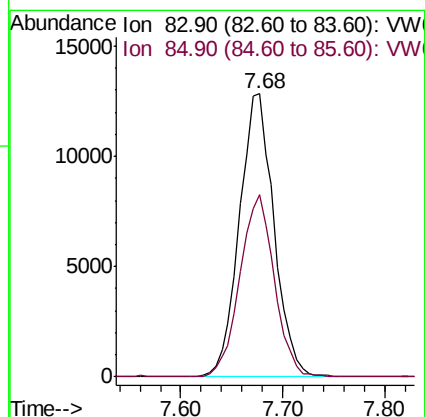
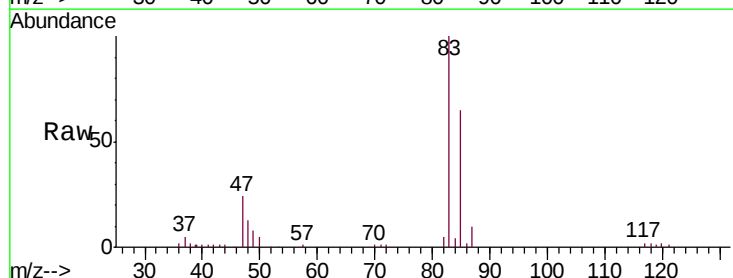
Instrument :
MSVOA_W
ClientSampled :
VW0110SBSD01

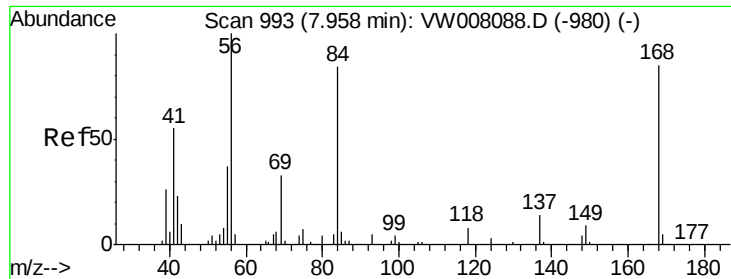
Tgt Ion: 42 Resp: 14609
Ion Ratio Lower Upper
42 100
72 41.2 32.4 48.6
71 38.2 31.3 46.9



#30
Chloroform
Concen: 20.470 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 83 Resp: 30147
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8

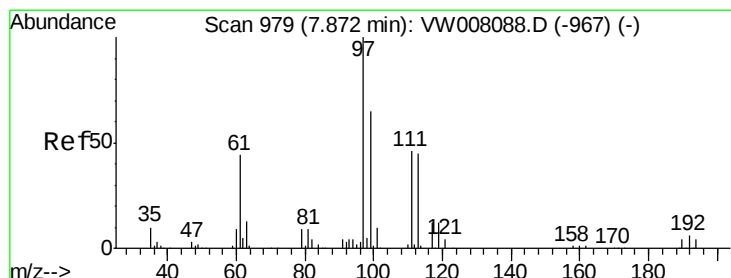
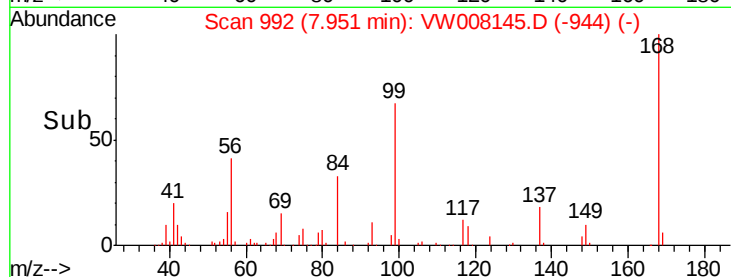
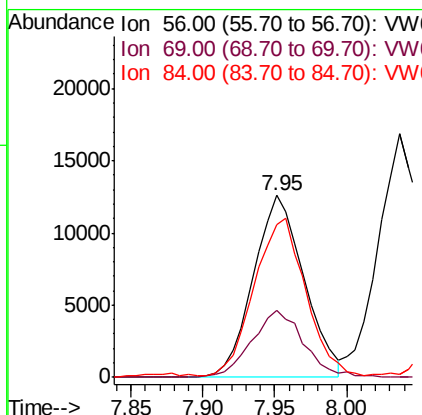
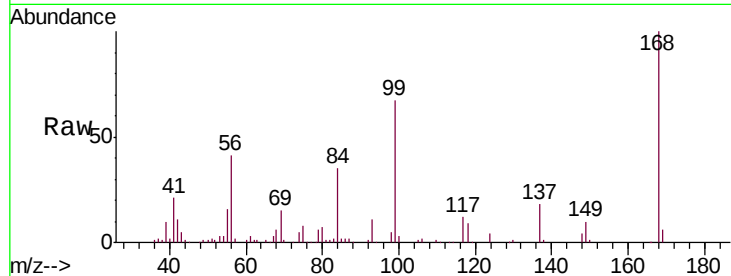




#31
Cyclohexane
Concen: 18.552 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

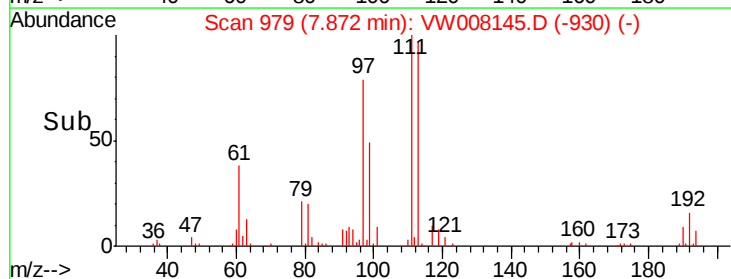
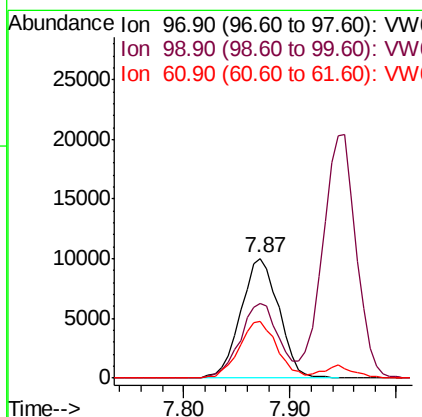
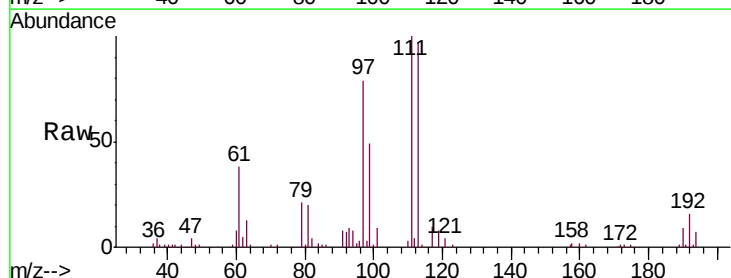
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

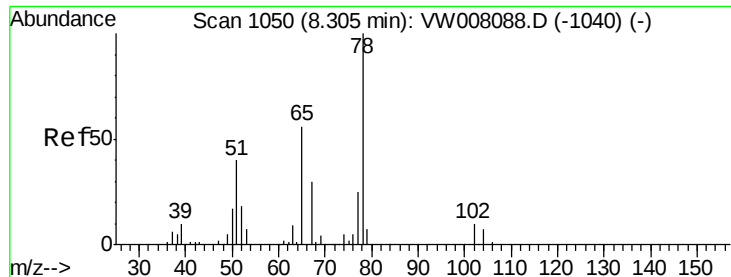
Tgt Ion: 56 Resp: 30729
Ion Ratio Lower Upper
56 100
69 37.0 26.2 39.4
84 83.0 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 19.745 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 97 Resp: 25302
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 46.9 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 52.646 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

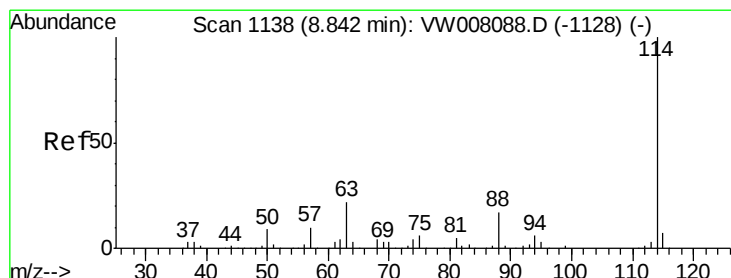
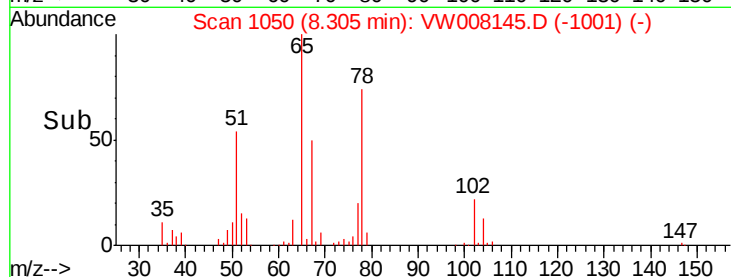
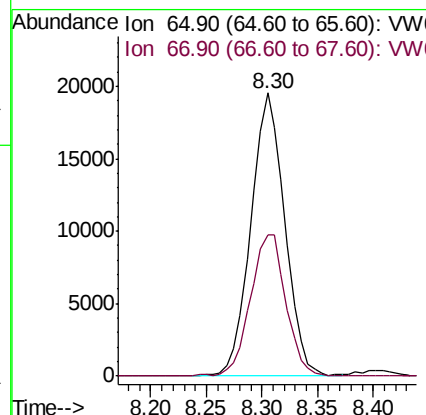
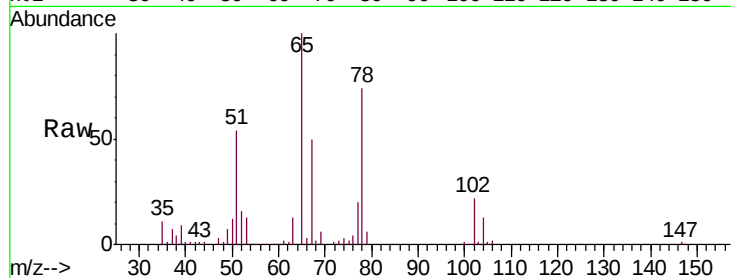
VW0110SBSD01

Tgt Ion: 65 Resp: 41435

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

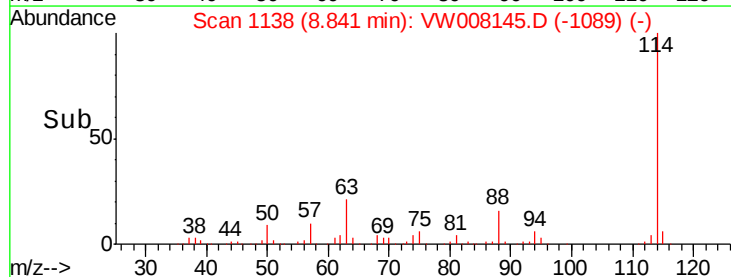
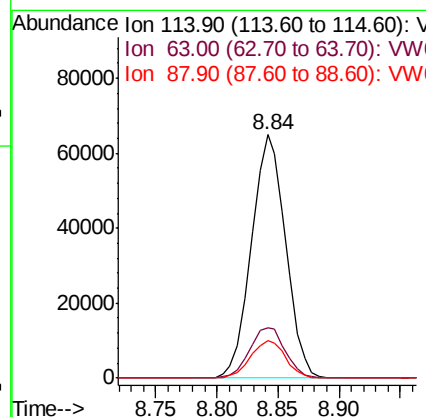
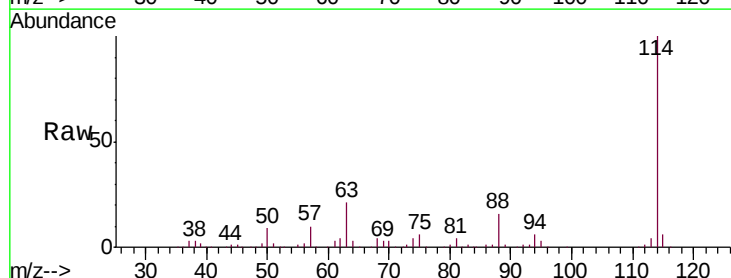
Tgt Ion: 114 Resp: 126516

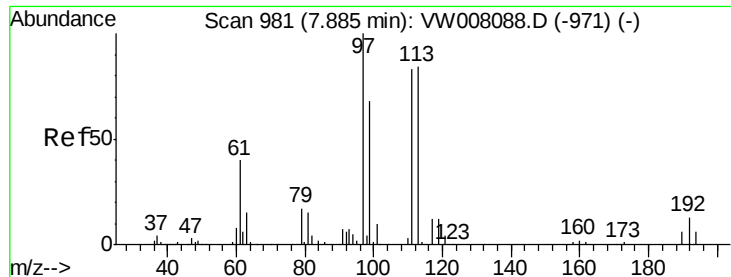
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 15.5 0.0 33.4

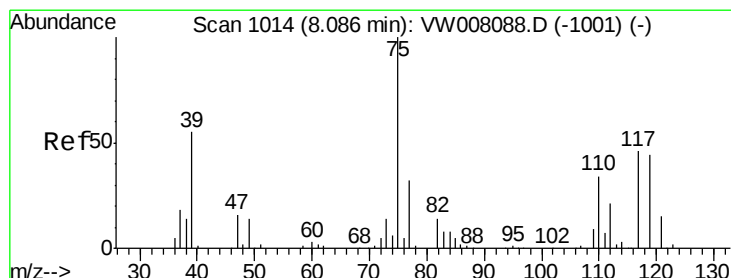
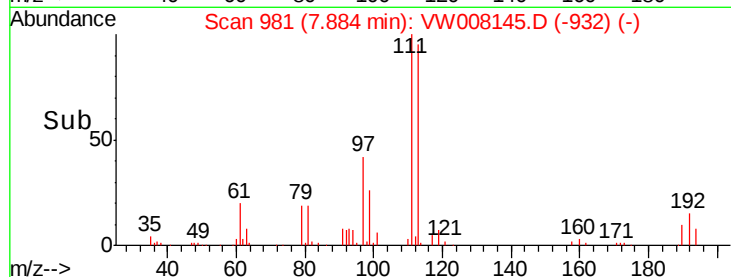
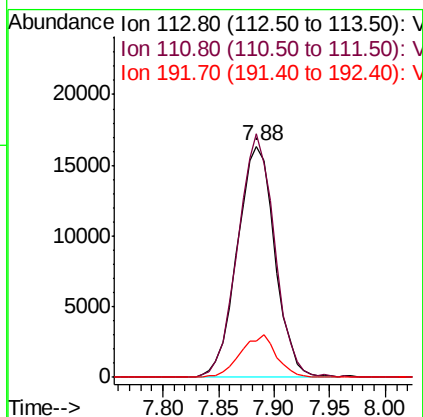
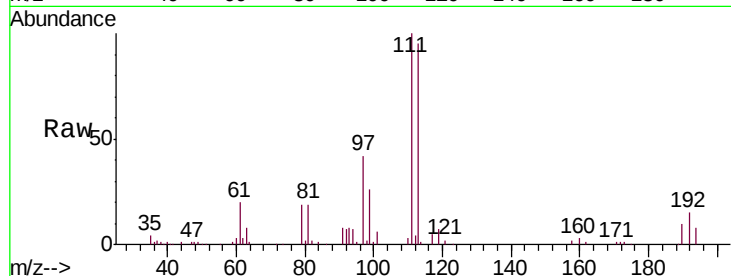




#35
 Dibromofluoromethane
 Concen: 52.123 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

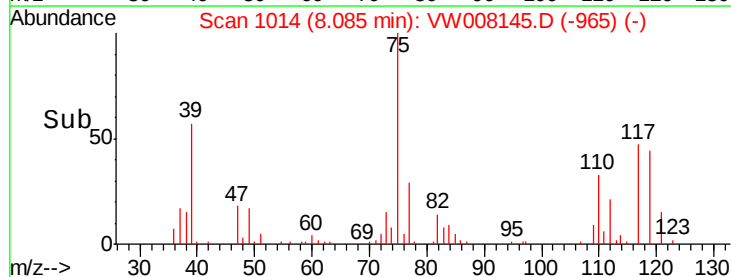
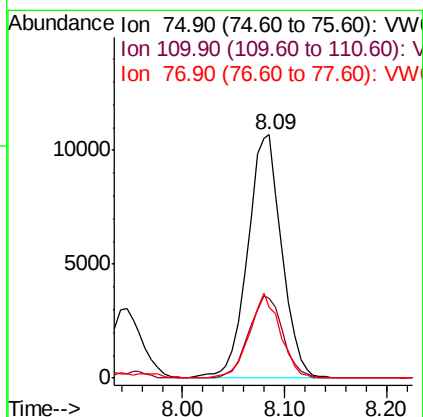
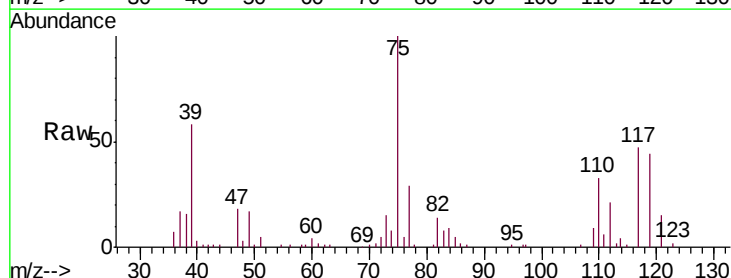
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

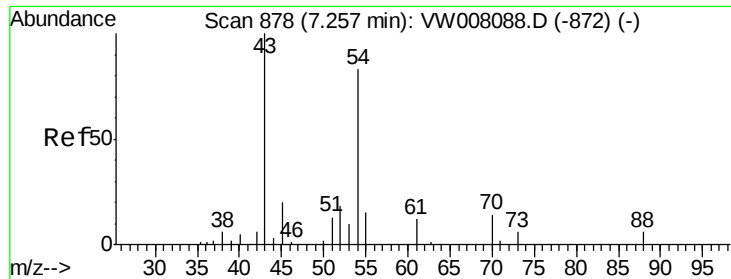
Tgt Ion: 113 Resp: 38461
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 17.4 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 19.123 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 75 Resp: 24922
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.1 51.3
 77 31.6 25.5 38.3

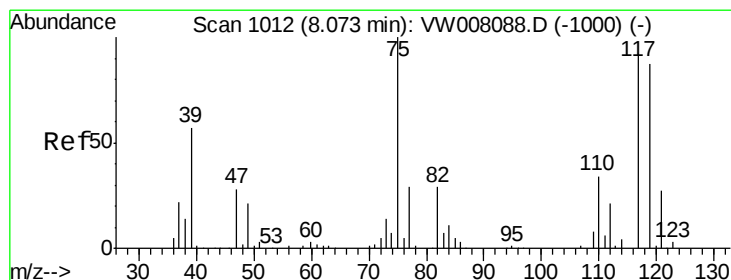
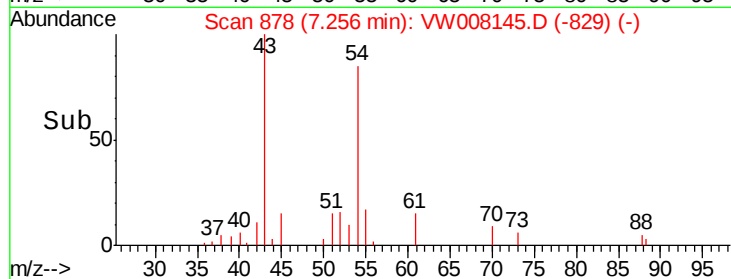
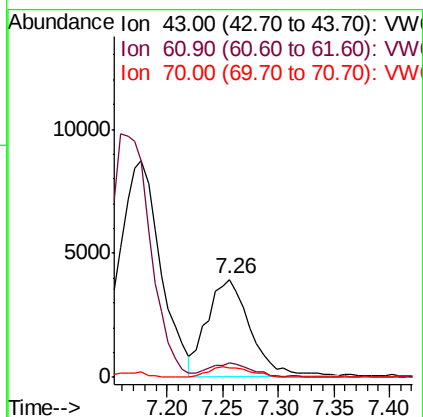
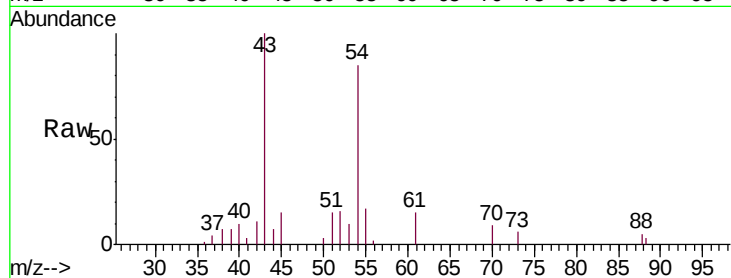




#37
Ethyl Acetate
Concen: 19.731 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

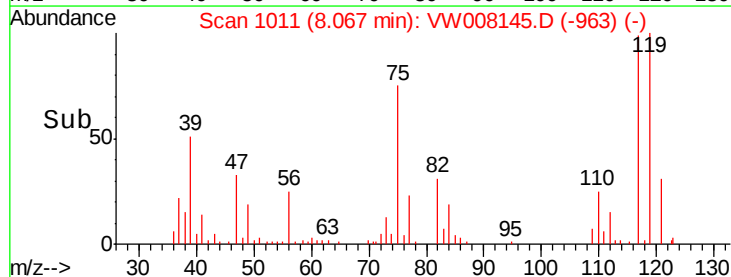
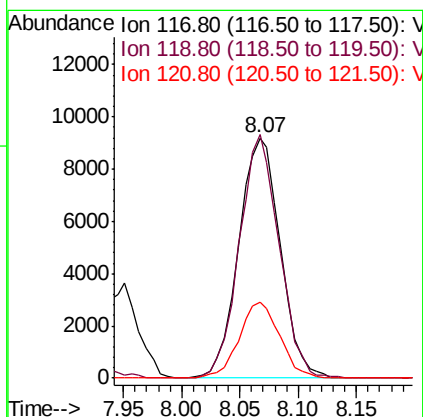
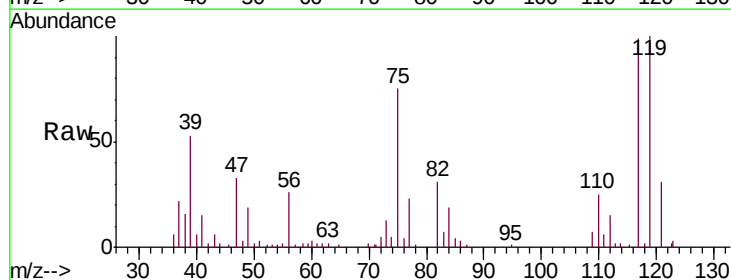
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

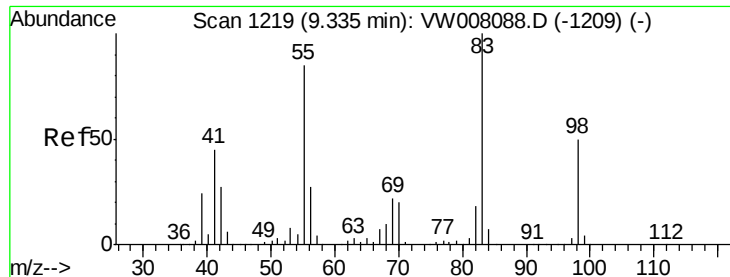
Tgt Ion: 43 Resp: 10302
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 10.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.188 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 117 Resp: 22888
Ion Ratio Lower Upper
117 100
119 101.4 75.8 113.8
121 31.7 23.7 35.5

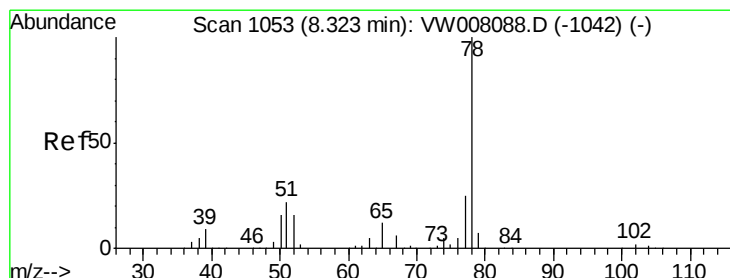
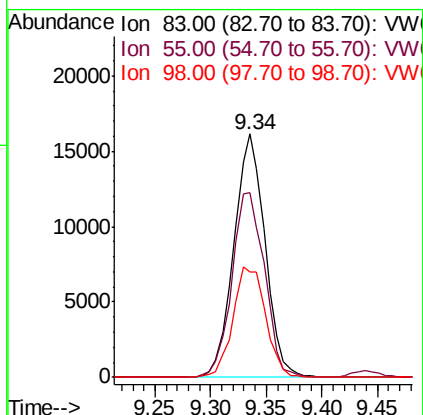
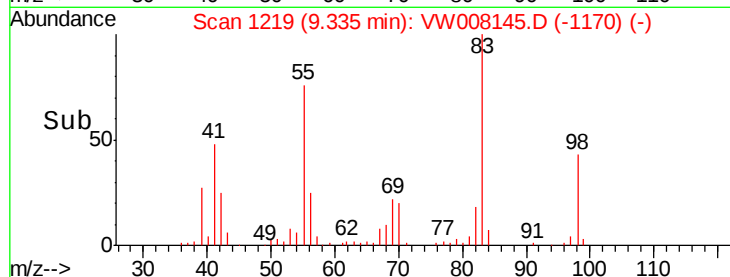
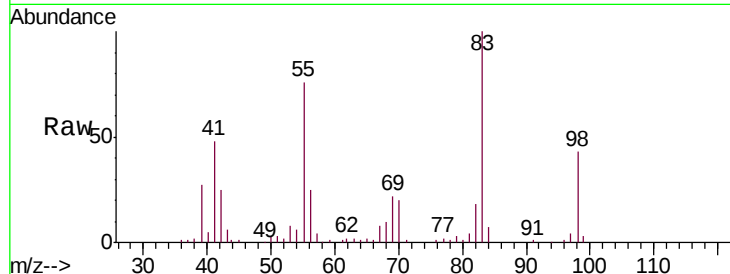




#39
Methylcyclohexane
Concen: 18.904 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

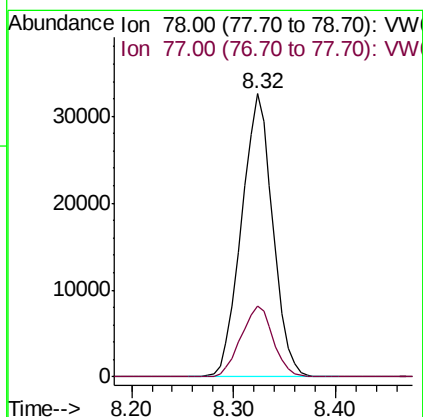
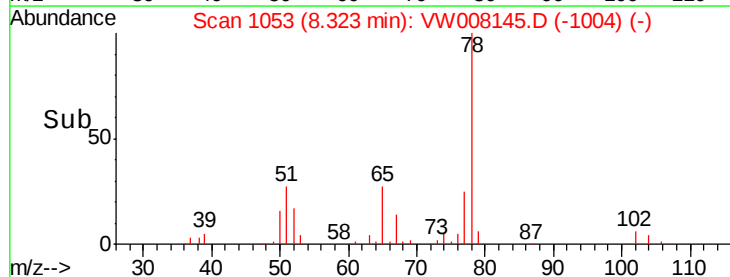
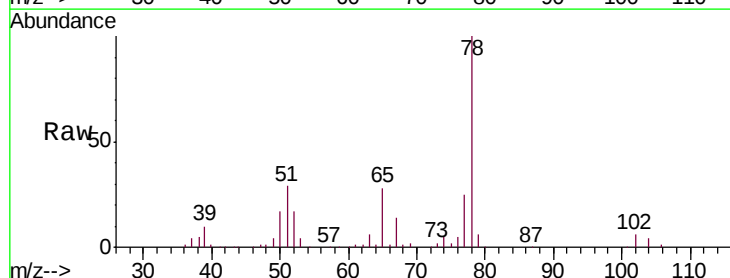
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

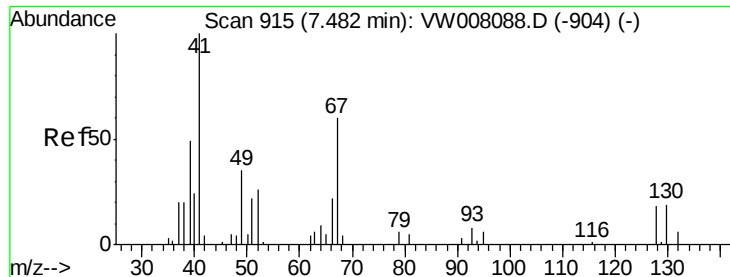
Tgt Ion: 83 Resp: 31239
Ion Ratio Lower Upper
83 100
55 76.1 67.8 101.6
98 43.2 40.2 60.4



#40
Benzene
Concen: 19.590 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 78 Resp: 69247
Ion Ratio Lower Upper
78 100
77 24.9 20.2 30.4

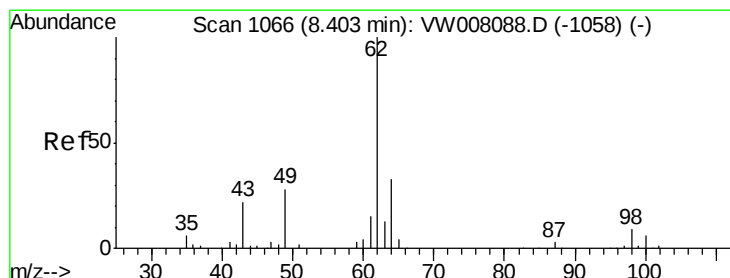
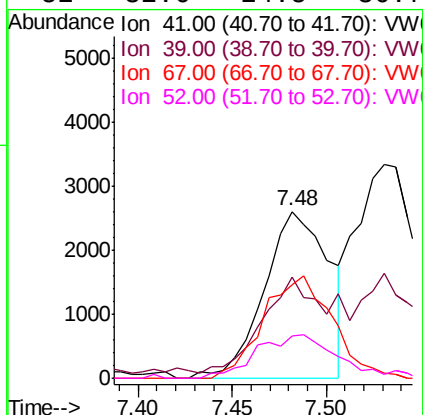
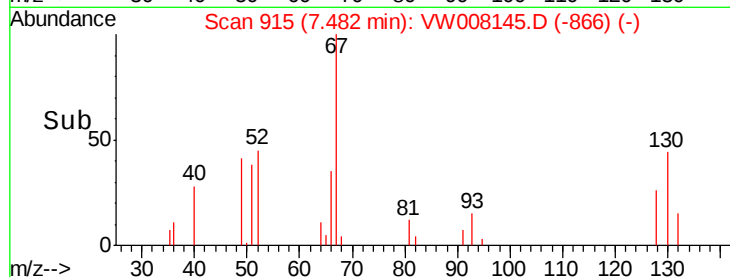
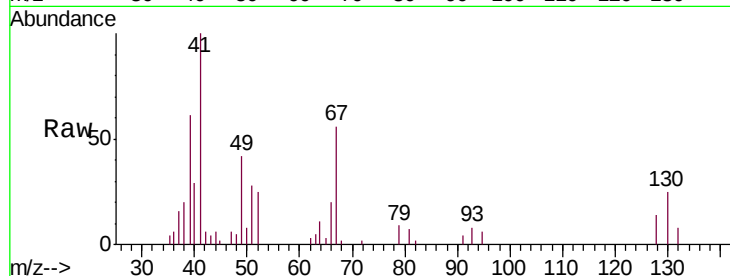




#41
Methacrylonitrile
Concen: 18.822 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

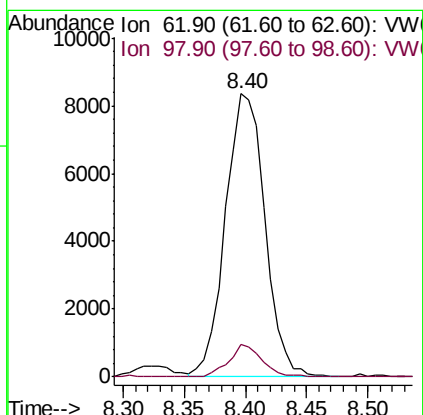
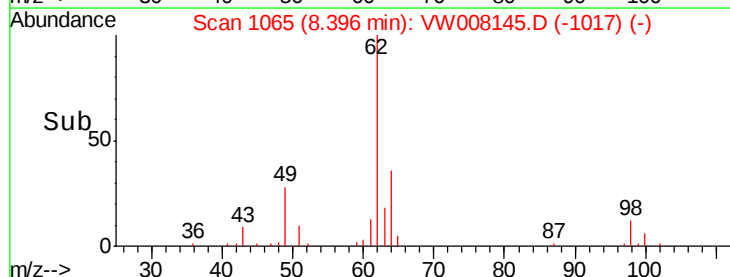
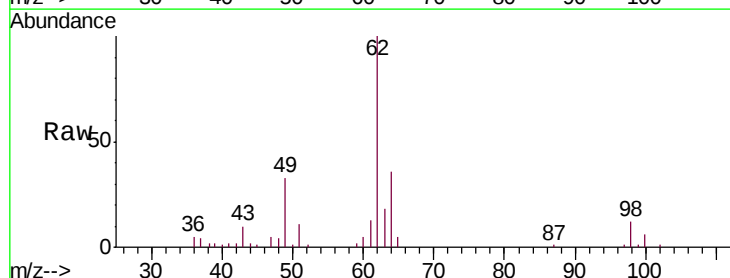
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

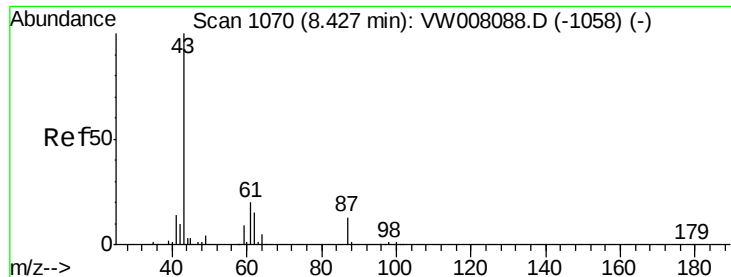
Tgt Ion:	41	Resp:	6208
Ion	Ratio	Lower	Upper
41	100		
39	49.8	47.9	71.9
67	65.6	56.3	84.5
52	32.6	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.785 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:	62	Resp:	18675
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.990 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

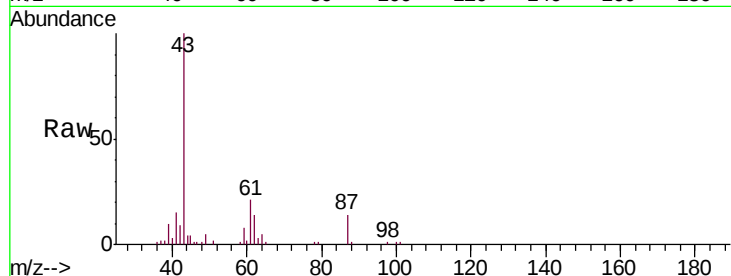
Tgt Ion: 43 Resp: 19824

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

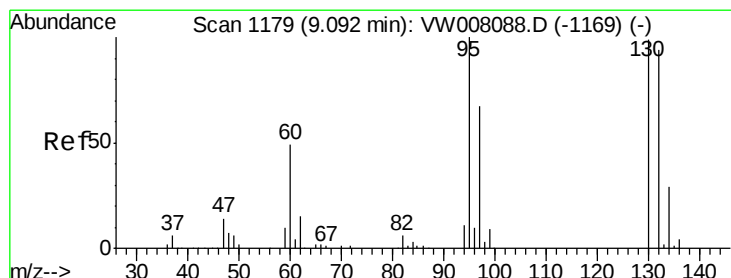
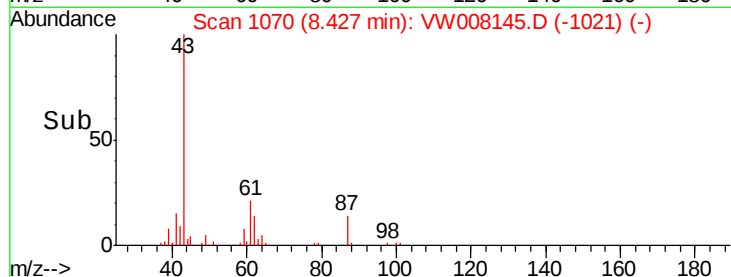
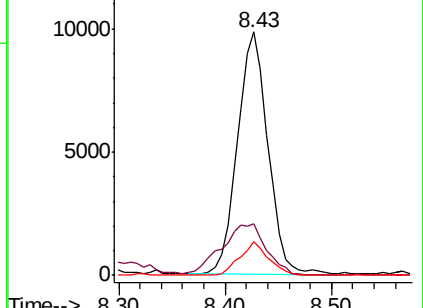
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 18.904 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008145.D

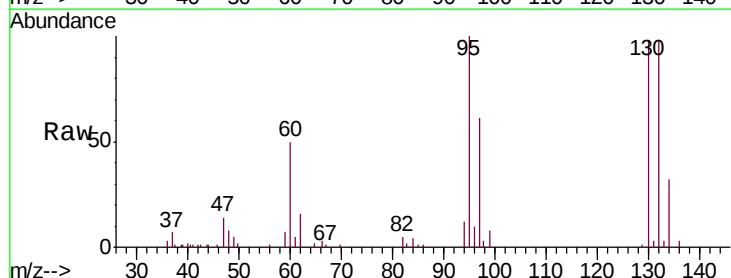
Acq: 10 Jan 2019 13:41

Tgt Ion: 130 Resp: 17105

Ion Ratio Lower Upper

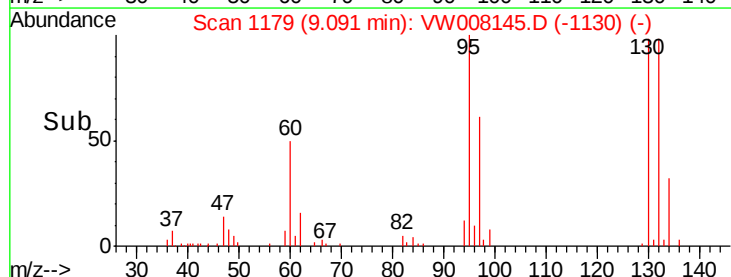
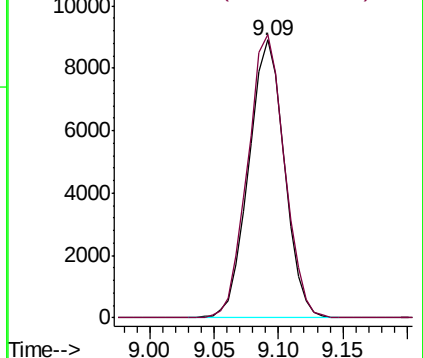
130 100

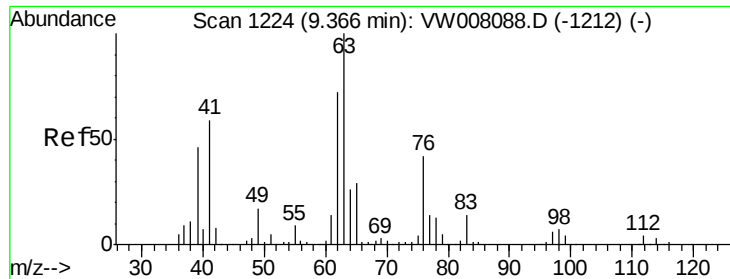
95 101.9 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

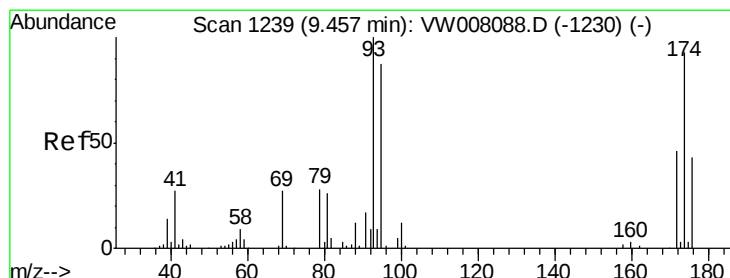
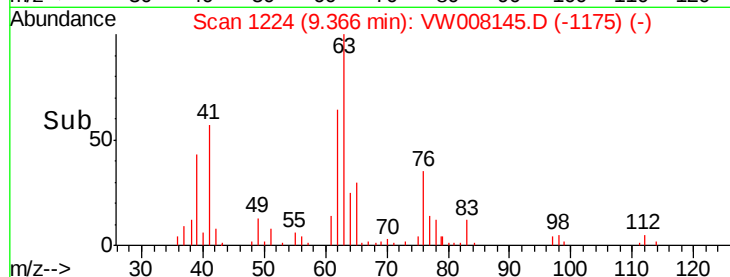
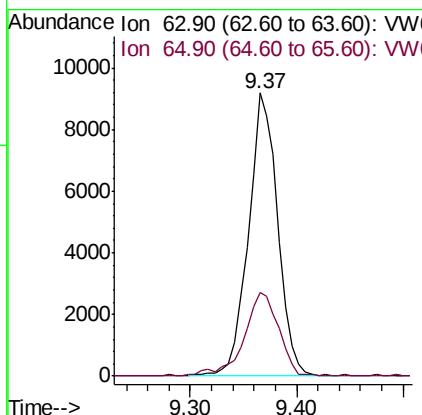
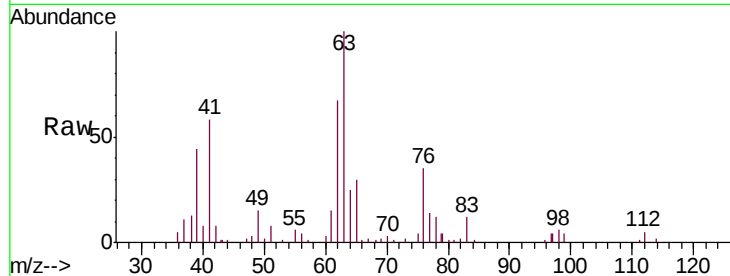




#45
 1,2-Dichloropropane
 Concen: 20.203 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

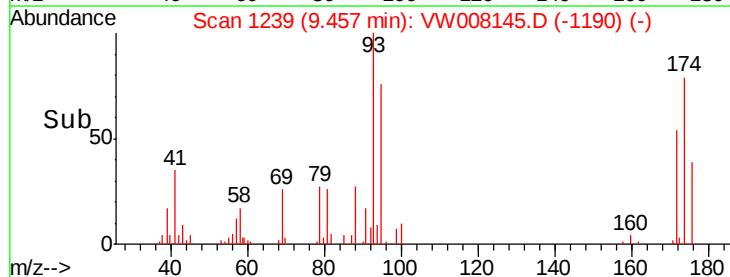
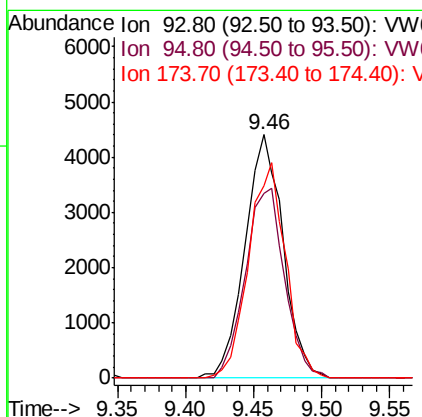
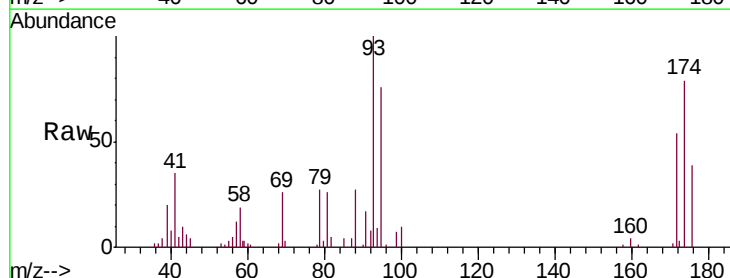
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

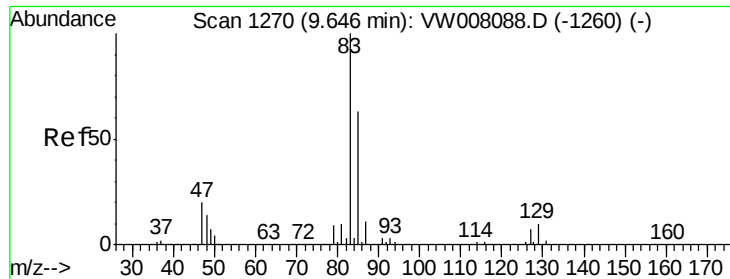
Tgt Ion: 63 Resp: 17707
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.3 34.9



#46
 Dibromomethane
 Concen: 20.089 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 93 Resp: 8647
 Ion Ratio Lower Upper
 93 100
 95 80.4 67.5 101.3
 174 85.4 72.5 108.7

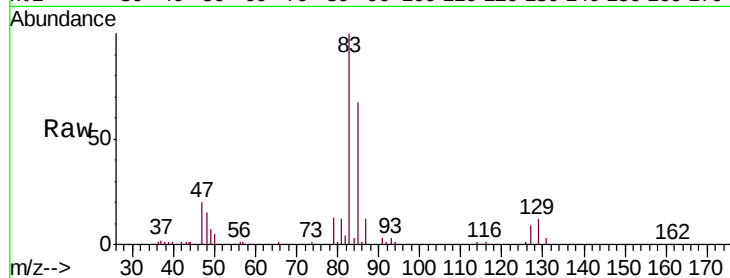




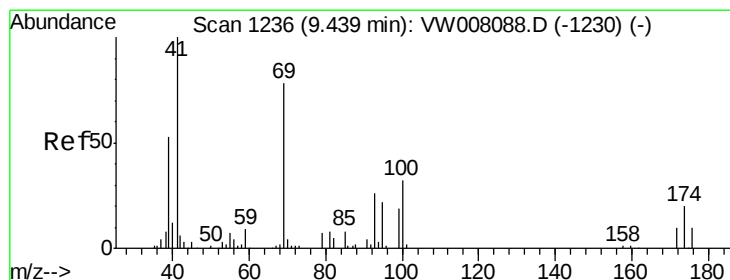
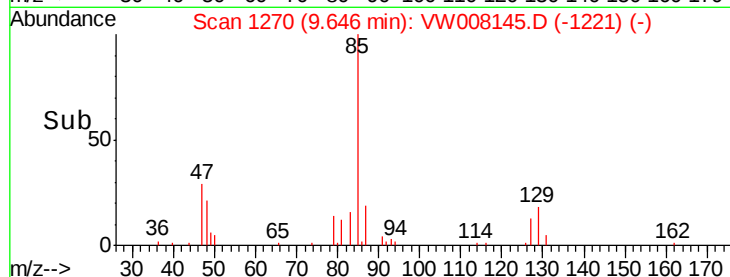
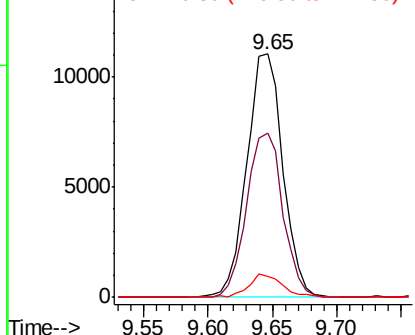
#47
Bromodichloromethane
Concen: 19.473 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Tgt Ion: 83 Resp: 21283
Ion Ratio Lower Upper
83 100
85 67.2 50.7 76.1
127 8.7 6.0 9.0

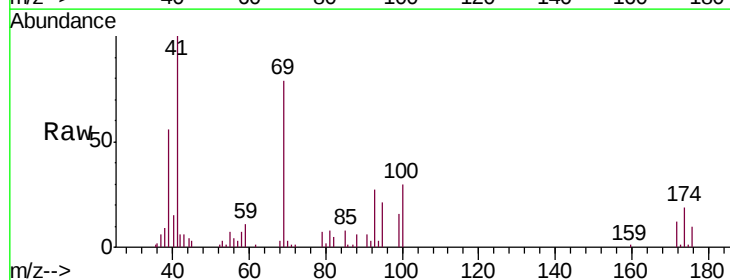


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

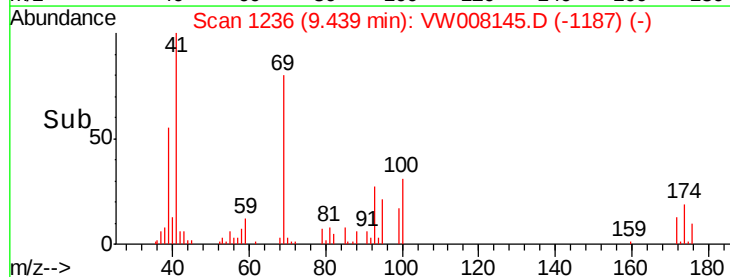
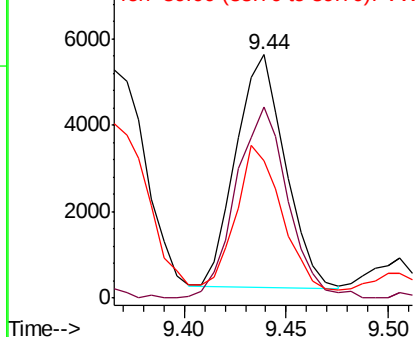


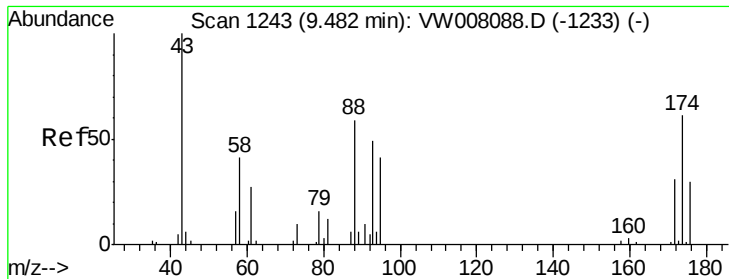
#48
Methyl methacrylate
Concen: 18.448 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 41 Resp: 9087
Ion Ratio Lower Upper
41 100
69 86.5 61.9 92.9
39 57.8 43.0 64.4



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: 381.957 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

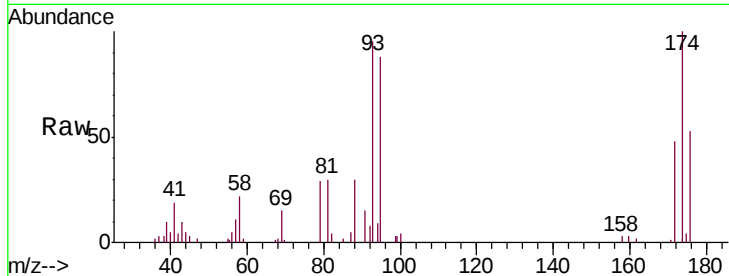
Tgt Ion: 88 Resp: 2644

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

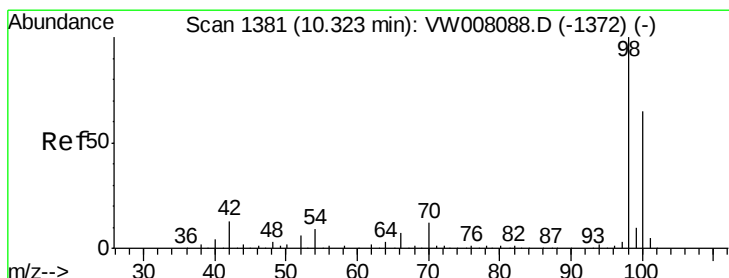
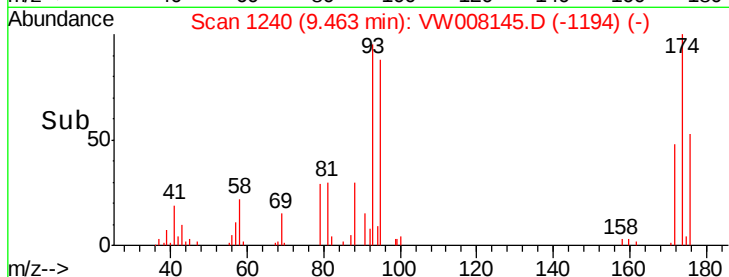
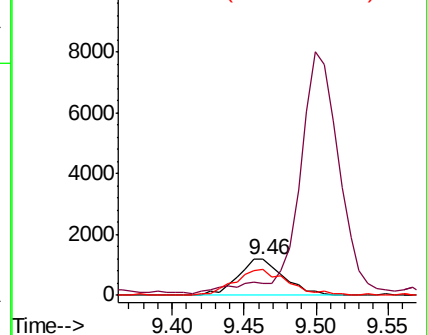
58 83.0 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.286 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008145.D

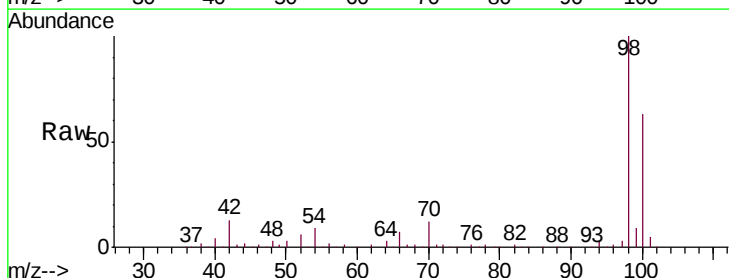
Acq: 10 Jan 2019 13:41

Tgt Ion: 98 Resp: 164998

Ion Ratio Lower Upper

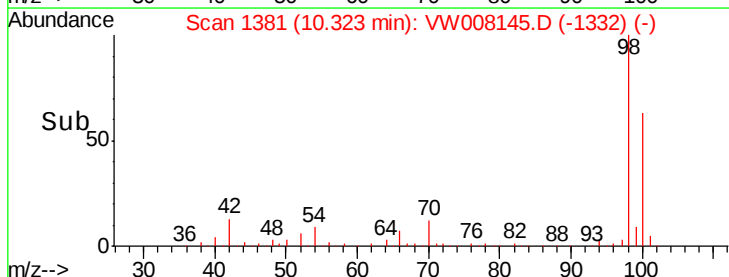
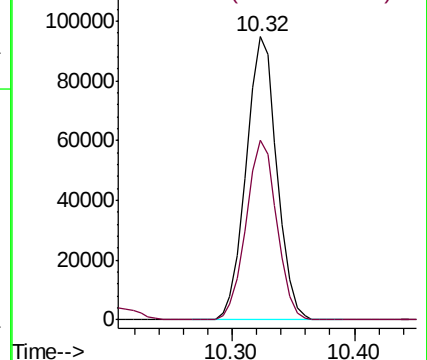
98 100

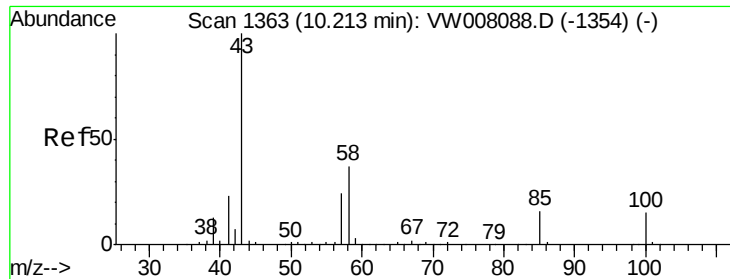
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

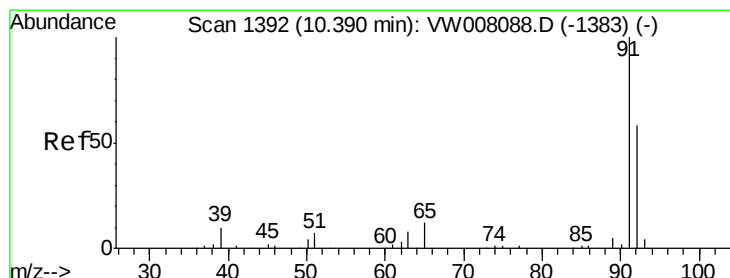
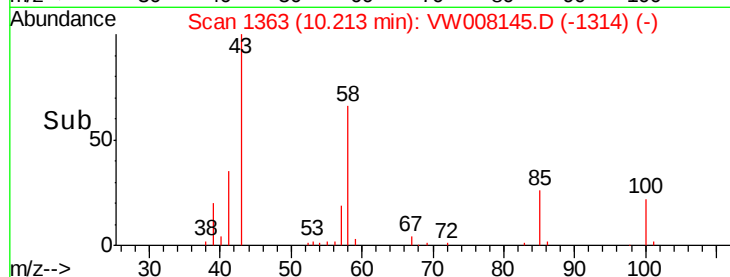
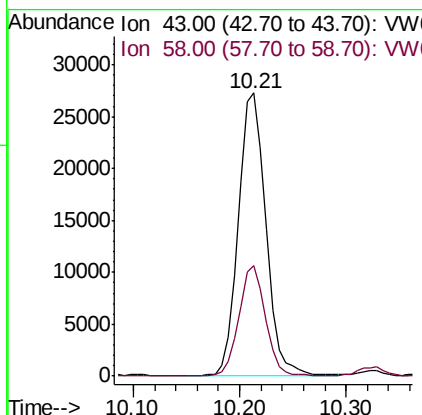
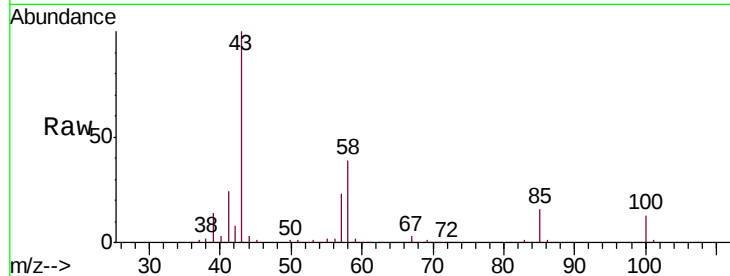




#51
 4-Methyl-2-Pentanone
 Concen: 98.929 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

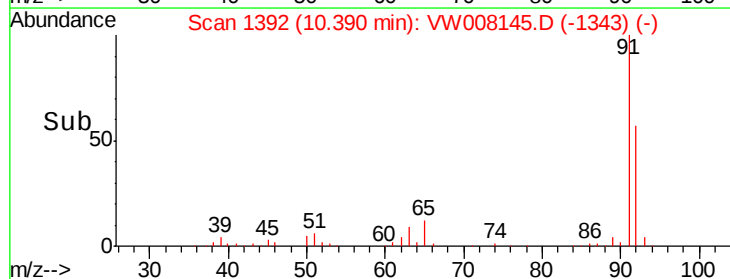
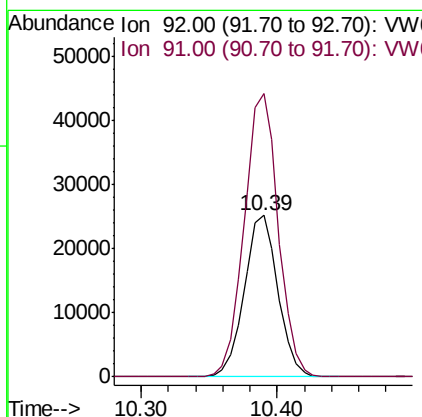
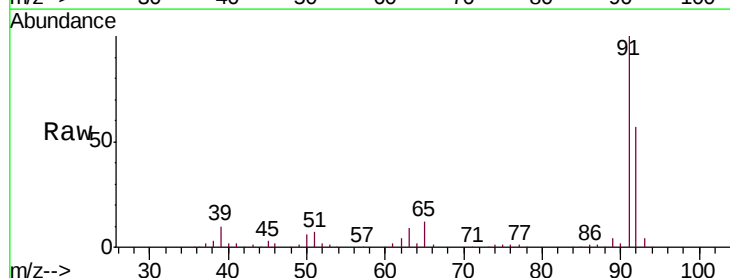
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

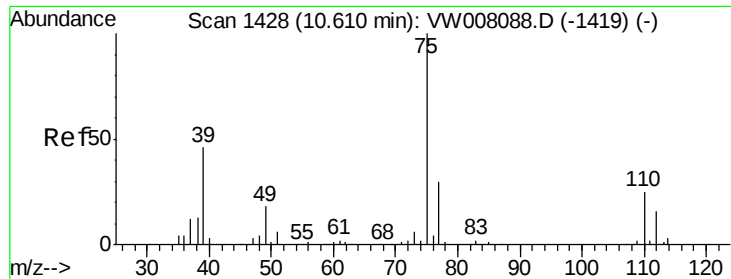
Tgt Ion: 43 Resp: 49990
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.6 46.0



#52
 Toluene
 Concen: 19.356 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 92 Resp: 43695
 Ion Ratio Lower Upper
 92 100
 91 177.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.091 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

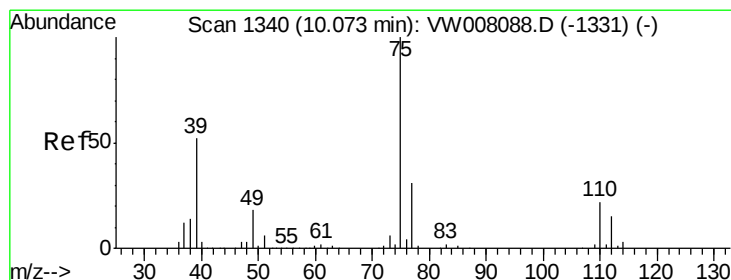
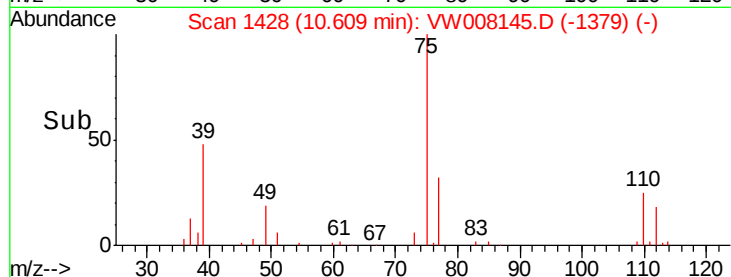
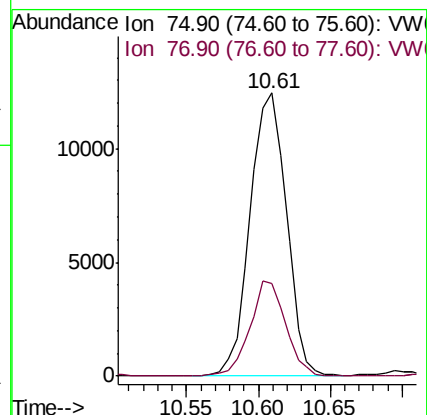
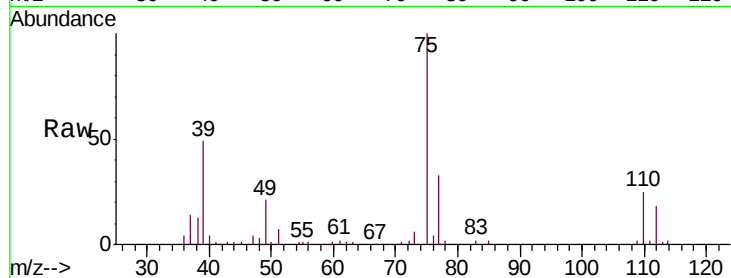
VW0110SBSD01

Tgt Ion: 75 Resp: 21704

Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.578 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

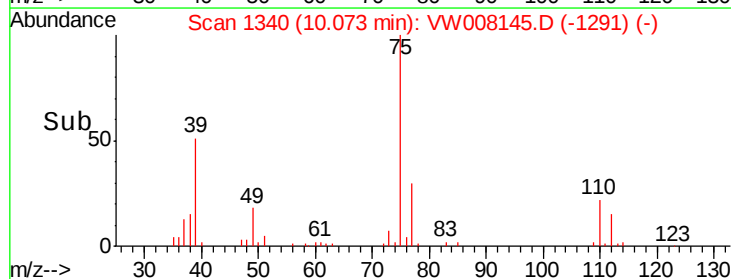
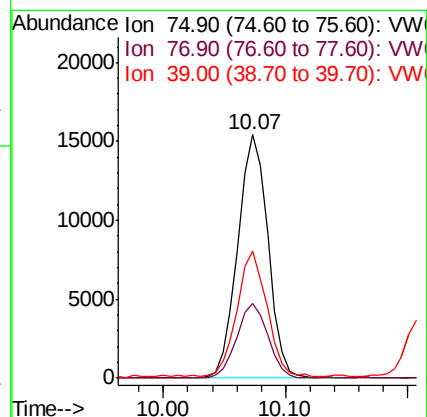
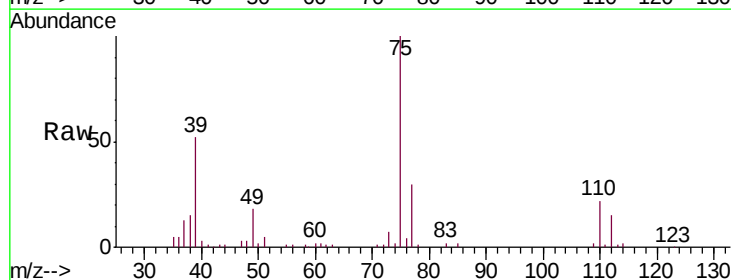
Tgt Ion: 75 Resp: 26394

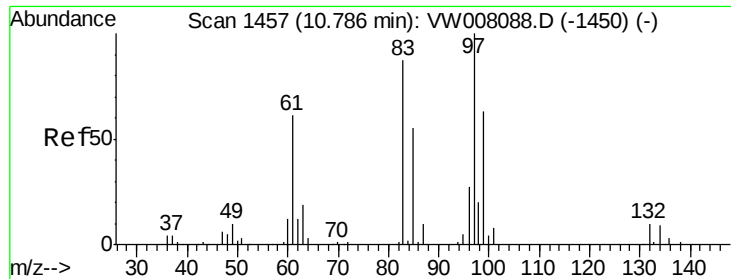
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 50.9 41.4 62.0

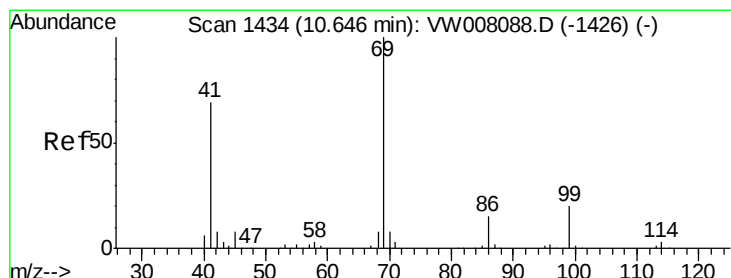
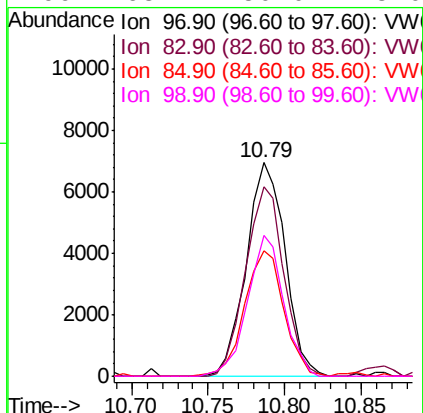
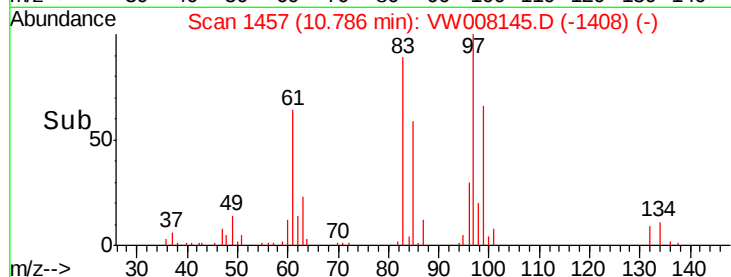
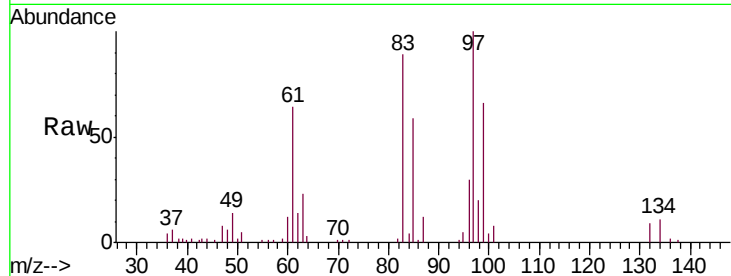




#55
 1,1,2-Trichloroethane
 Concen: 20.313 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

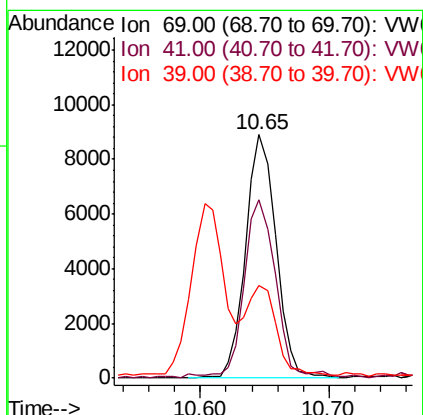
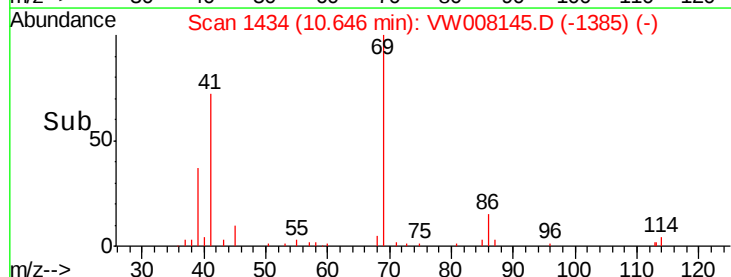
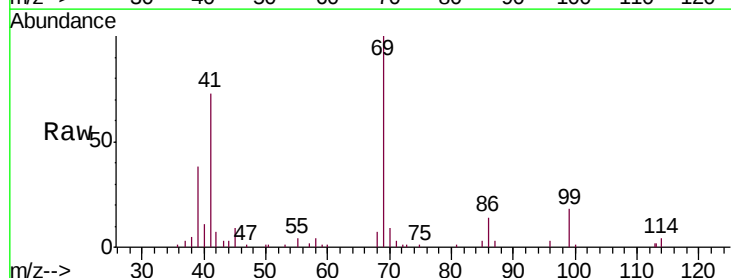
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

Tgt Ion:	97	Resp:	12276
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.3	103.9
85	58.6	43.8	65.6
99	65.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.421 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion:	69	Resp:	14535
Ion	Ratio	Lower	Upper
69	100		
41	75.2	56.4	84.6
39	36.9	28.1	42.1

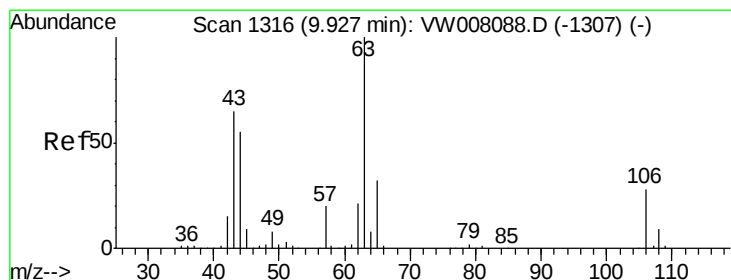
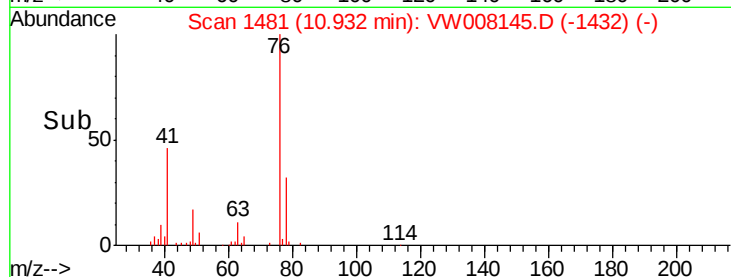
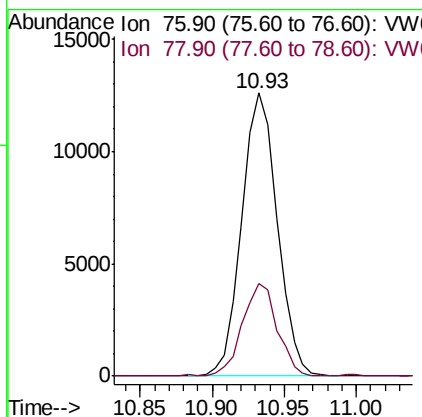
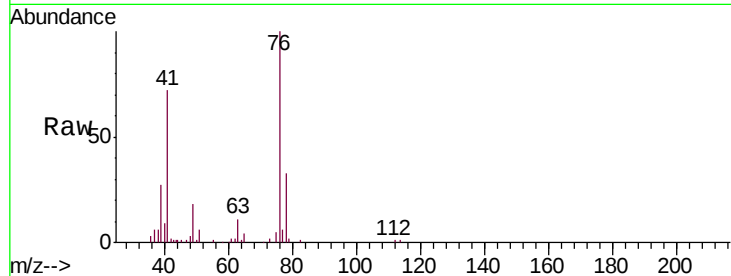




#57
 1,3-Dichloropropane
 Concen: 19.535 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

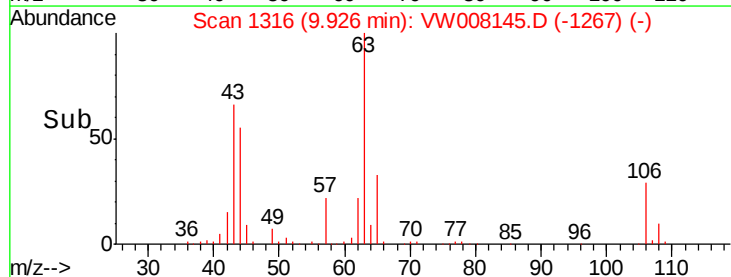
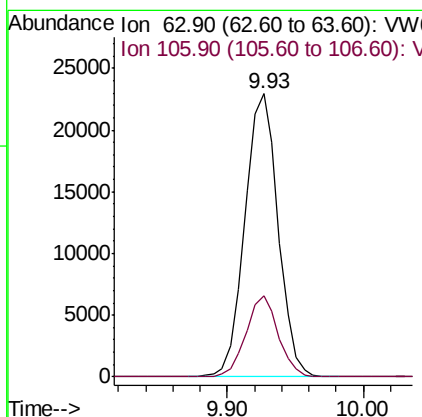
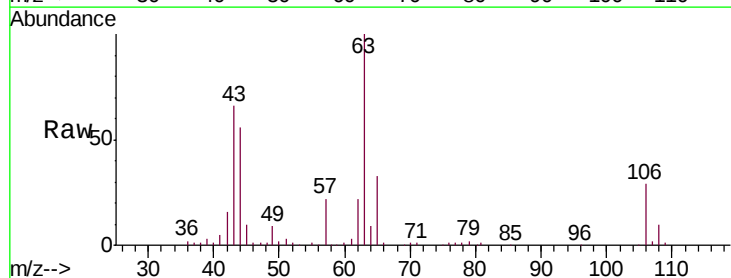
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

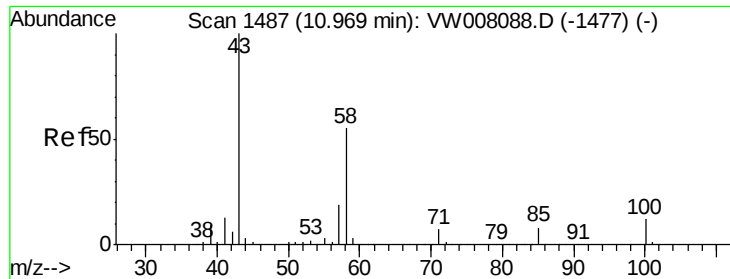
Tgt Ion: 76 Resp: 21591
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.362 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion: 63 Resp: 39186
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.6





#59

2-Hexanone

Concen: 101.233 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

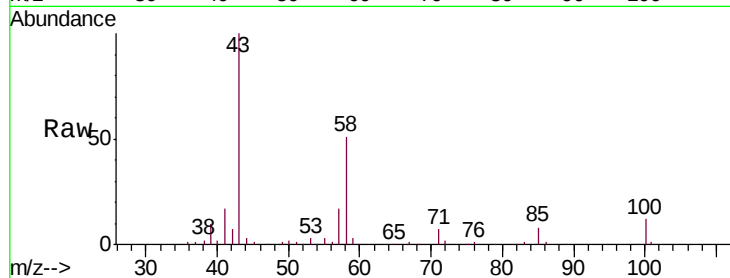
VW0110SBSD01

Tgt Ion: 43 Resp: 34593

Ion Ratio Lower Upper

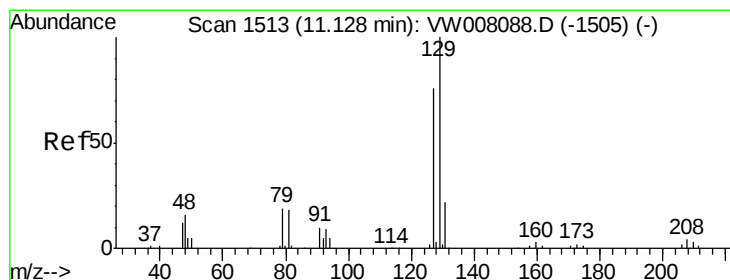
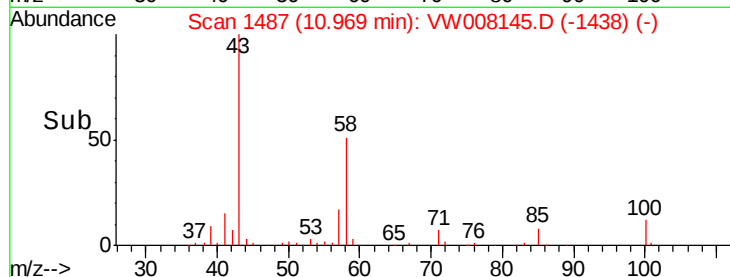
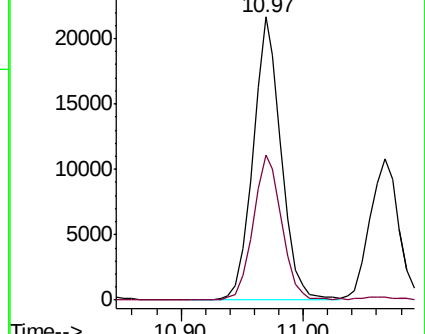
43 100

58 52.1 27.2 81.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 20.344 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008145.D

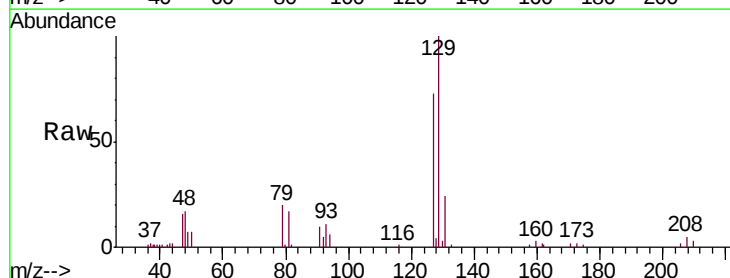
Acq: 10 Jan 2019 13:41

Tgt Ion: 129 Resp: 13501

Ion Ratio Lower Upper

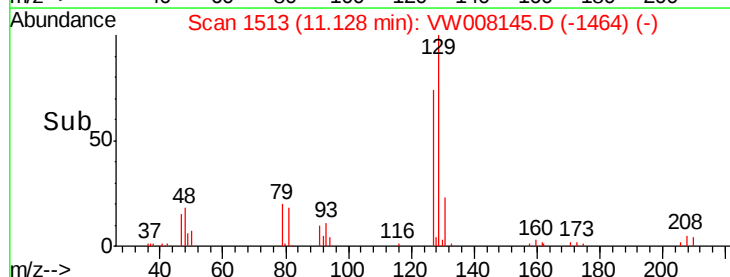
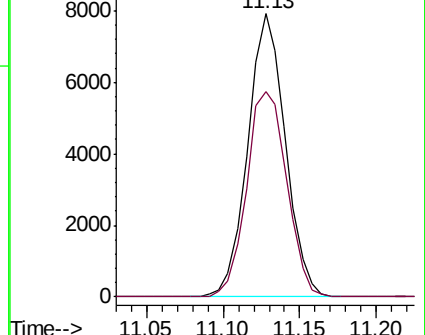
129 100

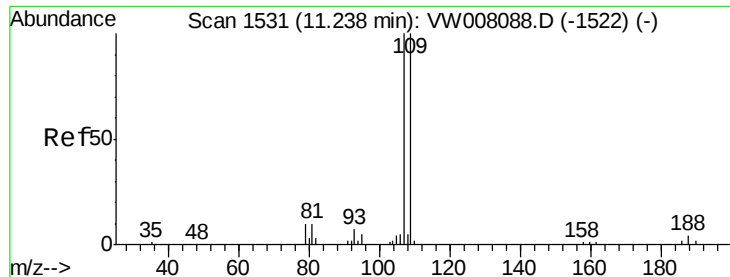
127 77.5 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

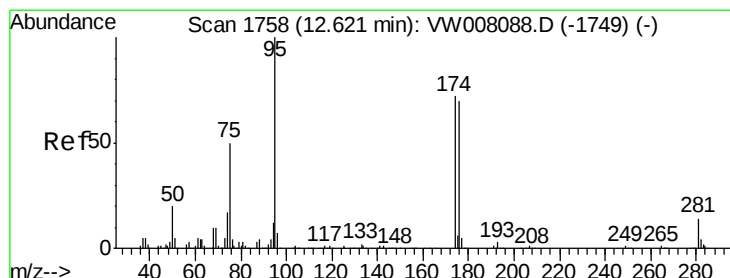
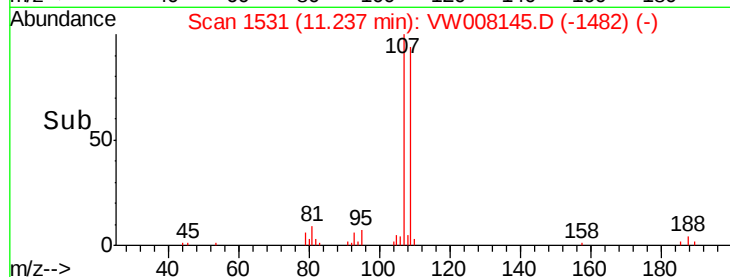
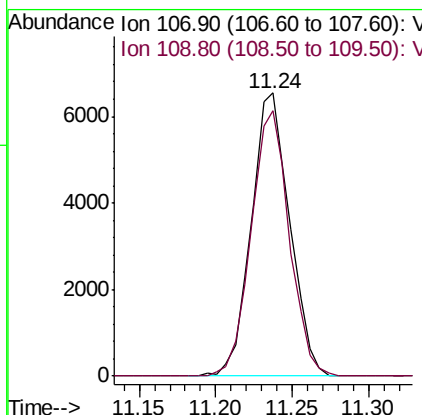
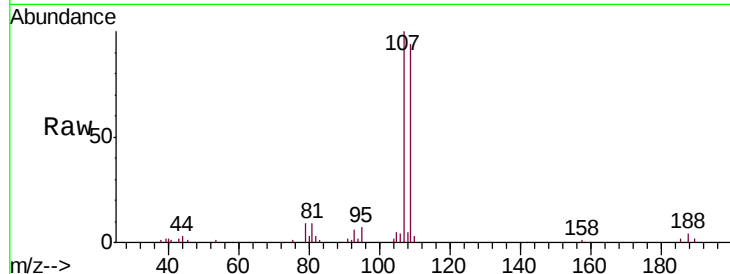




#61
1,2-Dibromoethane
Concen: 19.952 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

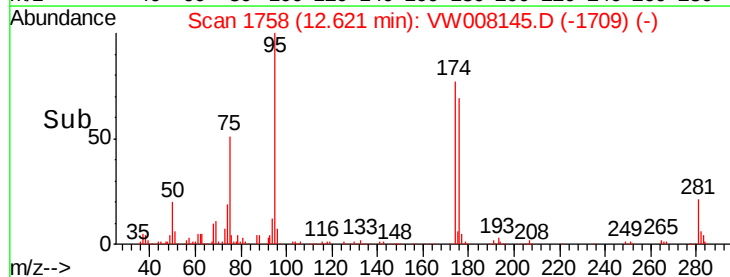
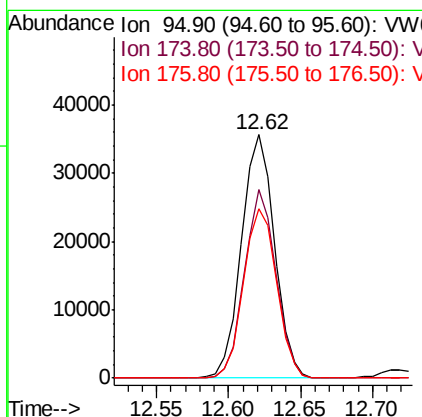
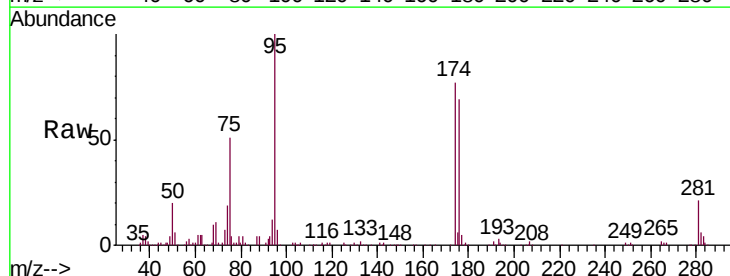
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

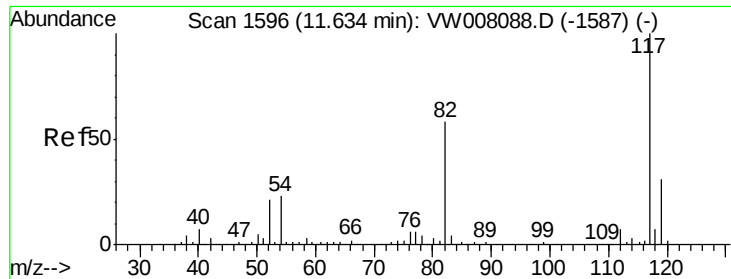
Tgt Ion: 107 Resp: 11441
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 95 Resp: 56651
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.0
176 69.8 0.0 140.2

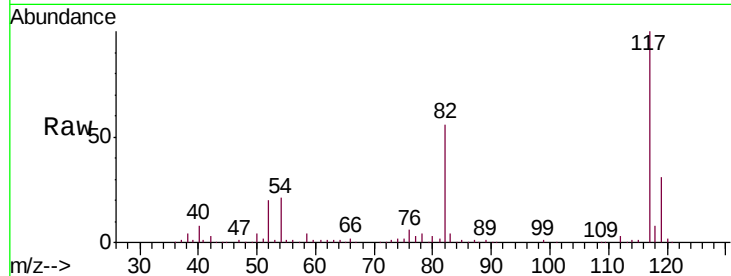




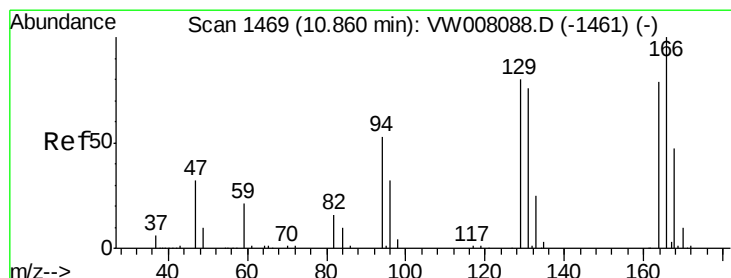
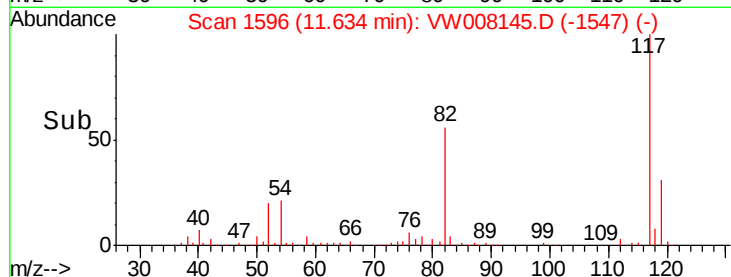
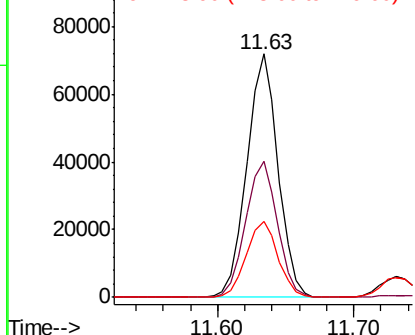
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Tgt Ion:117 Resp: 115566
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 31.2 24.7 37.1

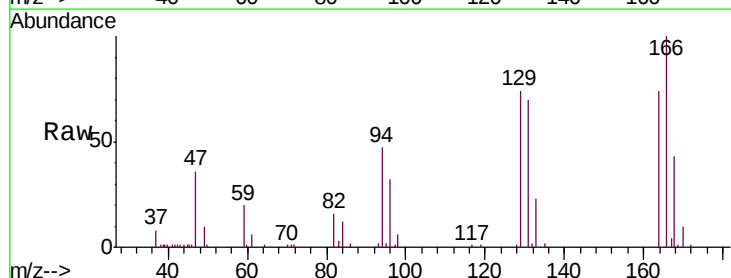


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

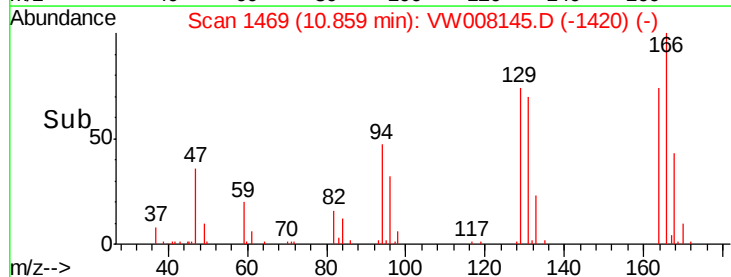
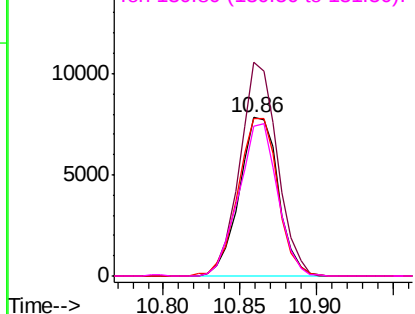


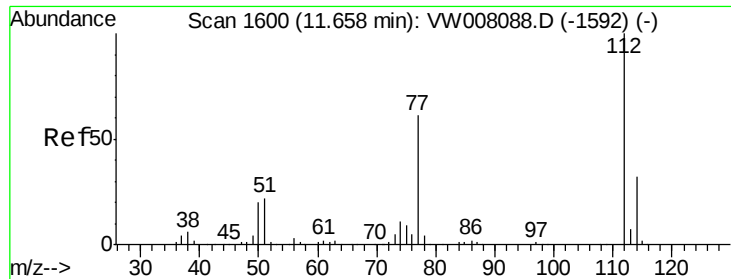
#64
Tetrachloroethene
Concen: 18.393 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:164 Resp: 13833
Ion Ratio Lower Upper
164 100
166 135.0 100.7 151.1
129 99.6 81.0 121.4
131 95.0 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

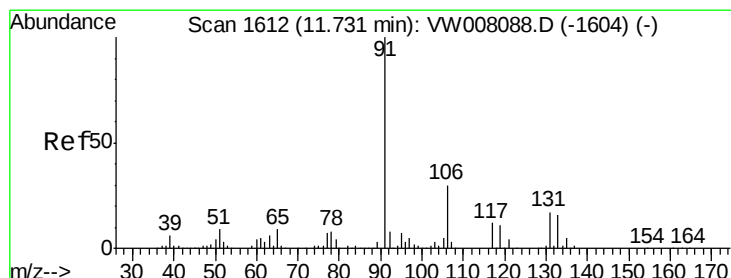
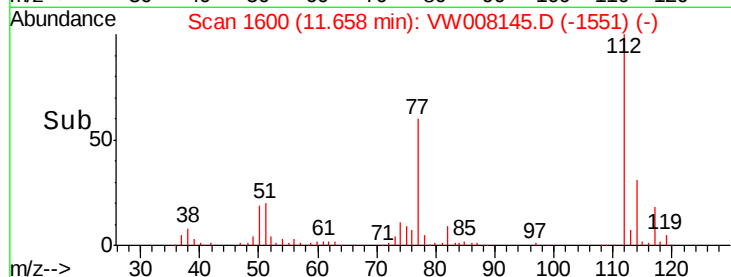
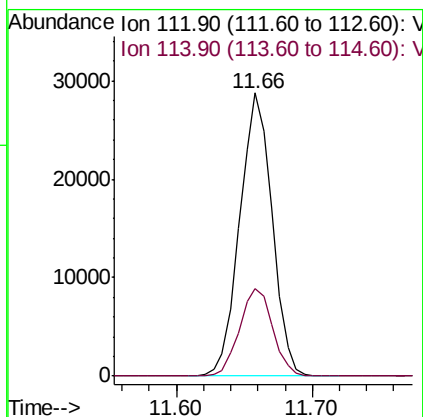
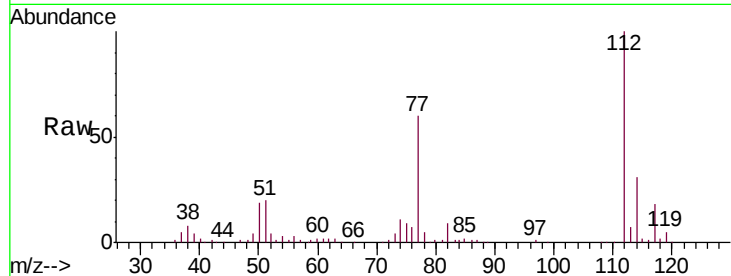




#65
Chlorobenzene
Concen: 19.534 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

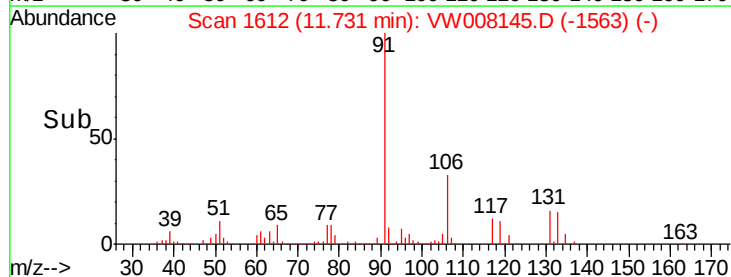
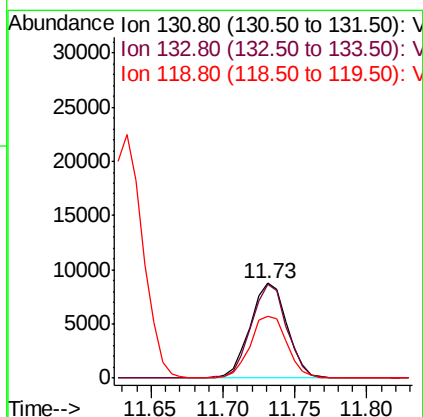
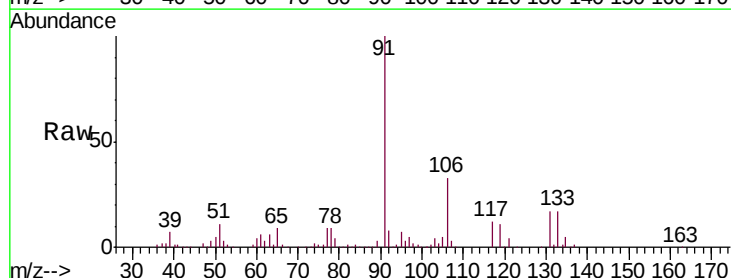
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

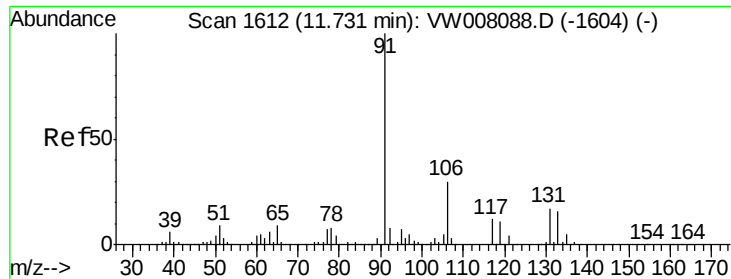
Tgt Ion:112 Resp: 47827
Ion Ratio Lower Upper
112 100
114 31.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.403 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:131 Resp: 15451
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.2 32.5 97.4

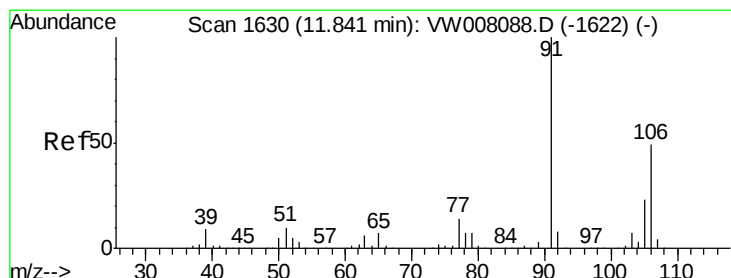
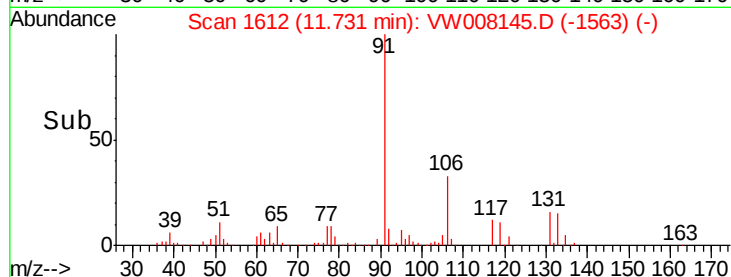
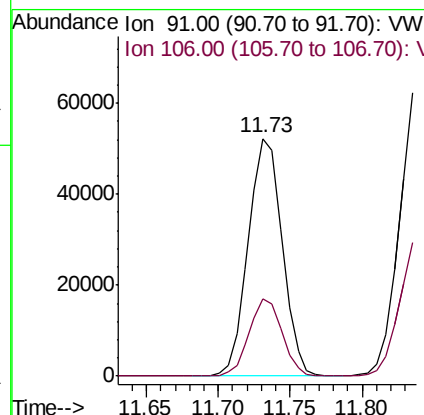
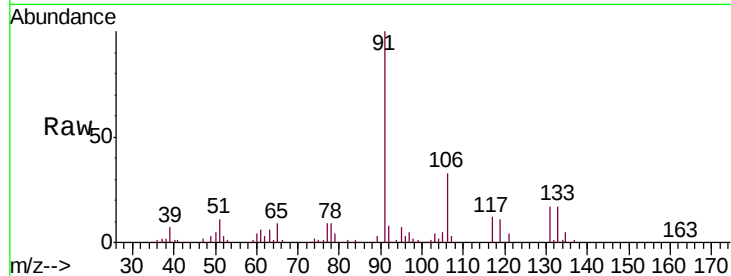




#67
Ethyl Benzene
Concen: 19.039 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

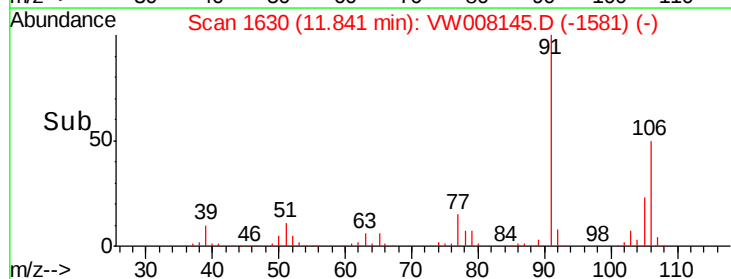
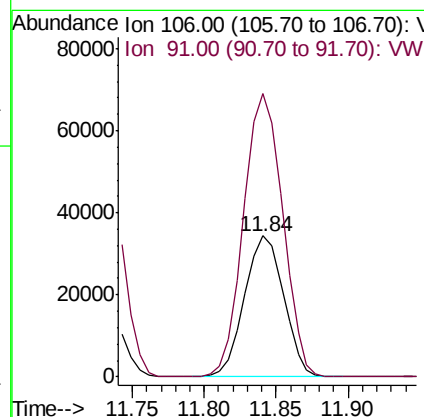
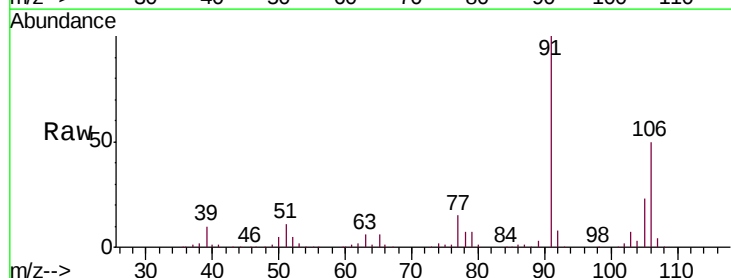
Instrument :
MSVOA_W
ClientSampled :
VW0110SBSD01

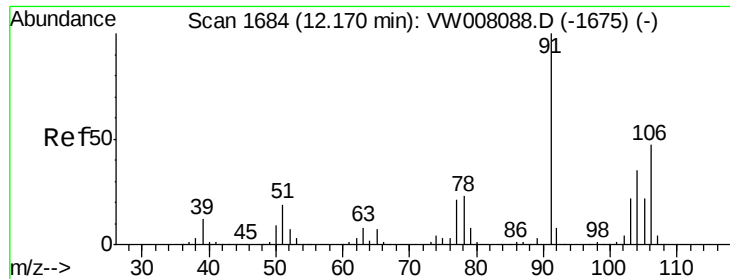
Tgt Ion: 91 Resp: 85292
Ion Ratio Lower Upper
91 100
106 32.8 24.2 36.4



#68
m/p-Xylenes
Concen: 37.967 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 106 Resp: 64920
Ion Ratio Lower Upper
106 100
91 201.2 162.4 243.6

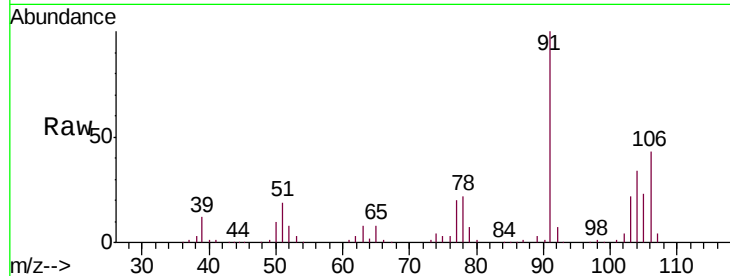




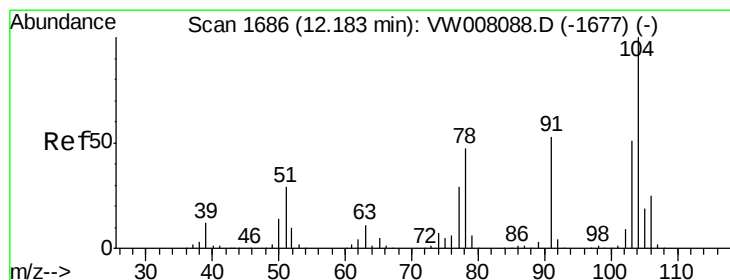
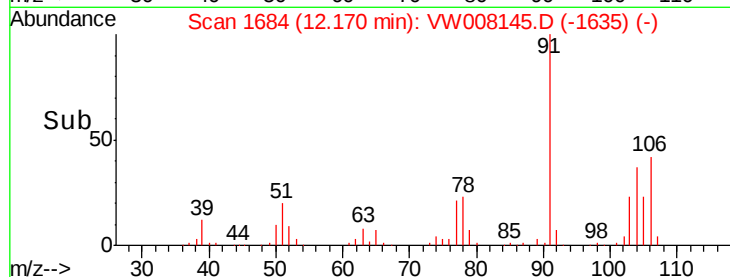
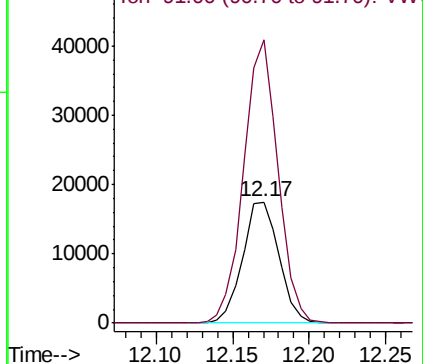
#69
o-Xylene
Concen: 18.288 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Tgt Ion:106 Resp: 28958
Ion Ratio Lower Upper
106 100
91 219.9 107.8 323.6

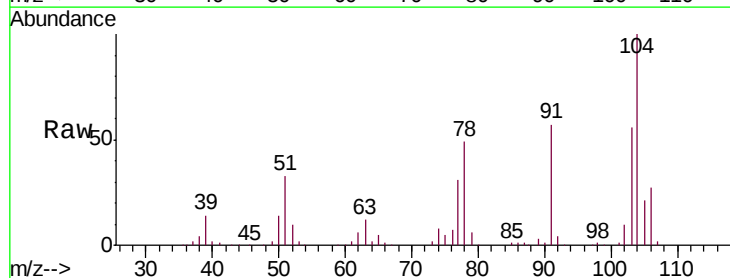


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

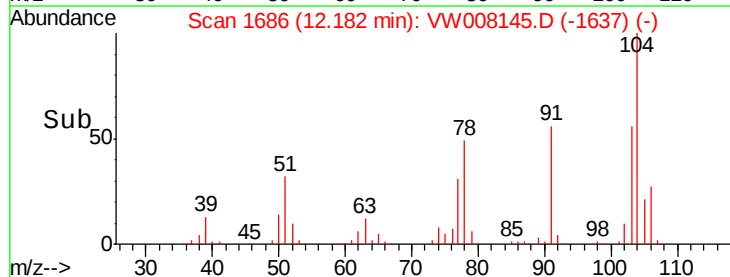
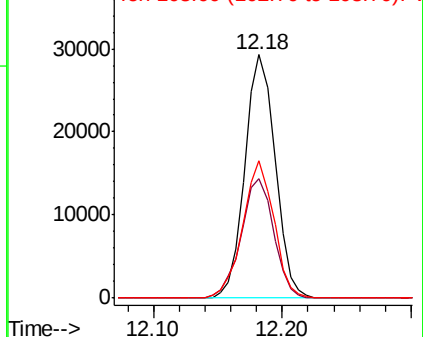


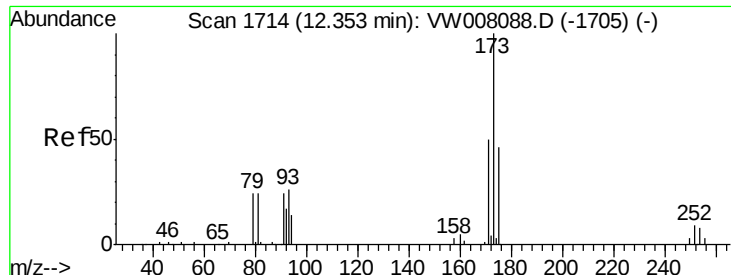
#70
Styrene
Concen: 19.204 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:104 Resp: 47628
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.8
103 57.6 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.767 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

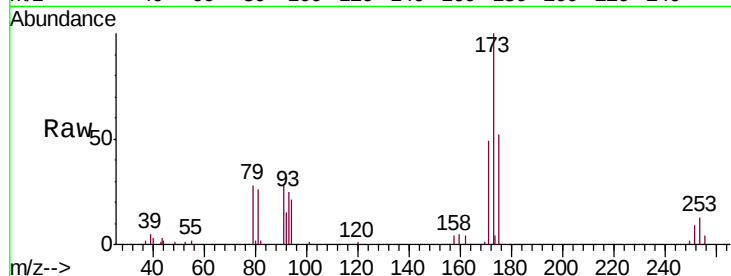
Tgt Ion:173 Resp: 7045

Ion Ratio Lower Upper

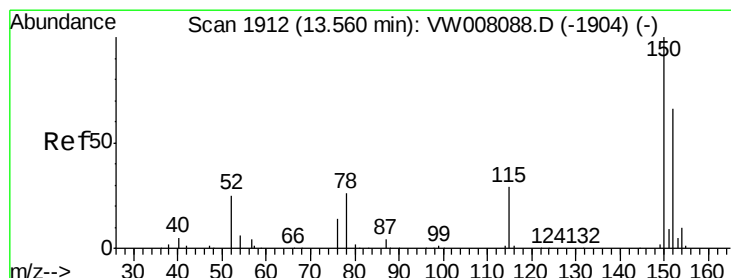
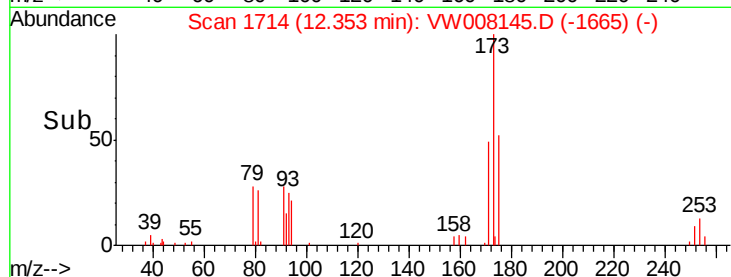
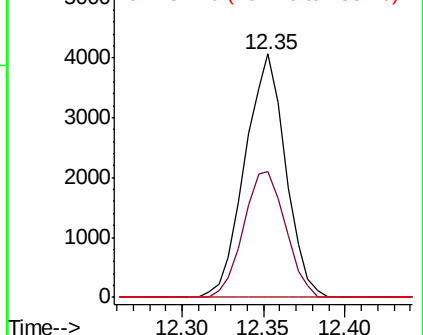
173 100

175 53.6 23.3 69.8

254 0.0 0.0 0.0



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: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

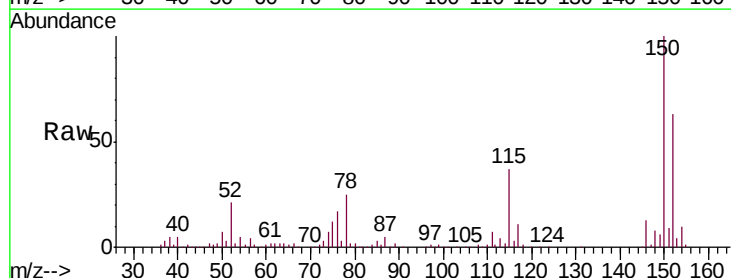
Tgt Ion:152 Resp: 56450

Ion Ratio Lower Upper

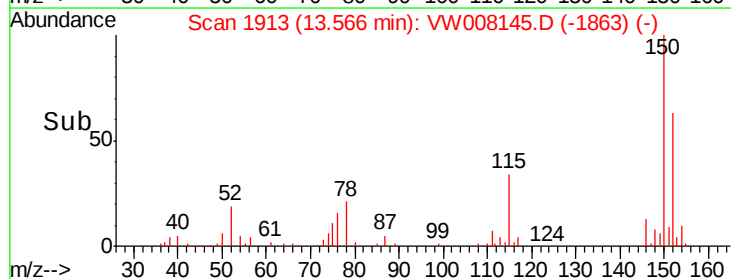
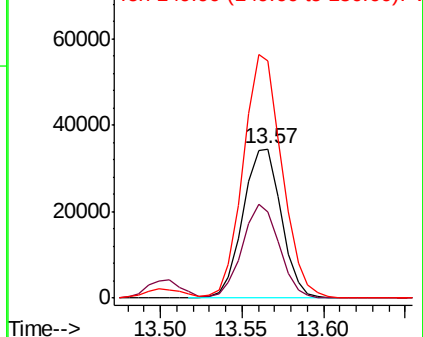
152 100

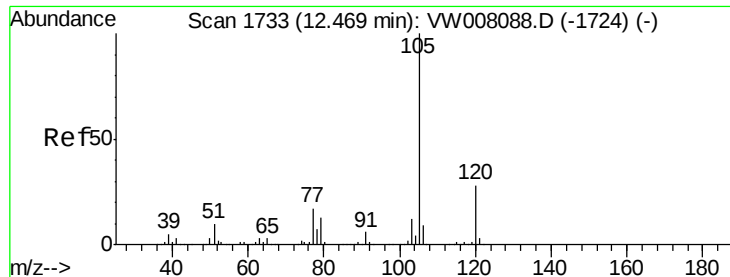
115 61.4 30.8 92.4

150 165.5 0.0 350.2



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: 18.857 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

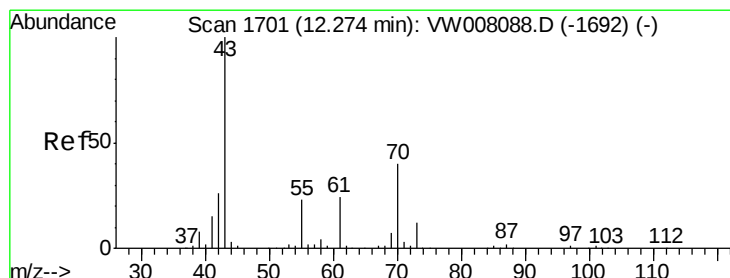
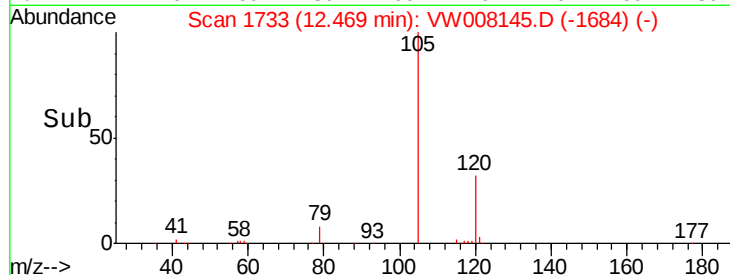
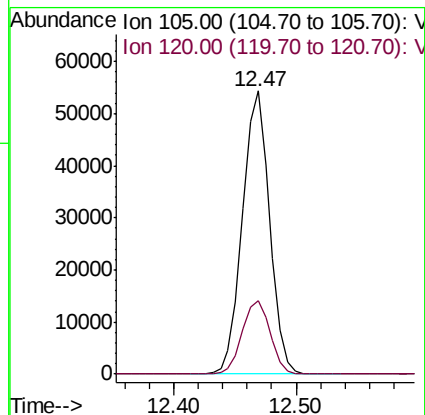
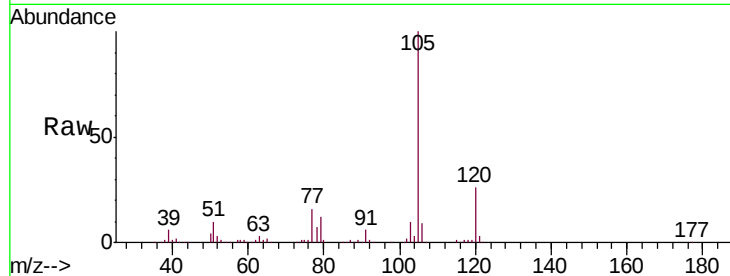
VW0110SBSD01

Tgt Ion:105 Resp: 83570

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#74

N-ethyl acetate

Concen: 18.575 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Tgt Ion: 43 Resp: 18231

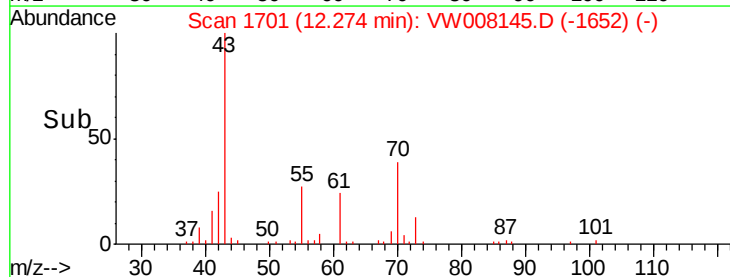
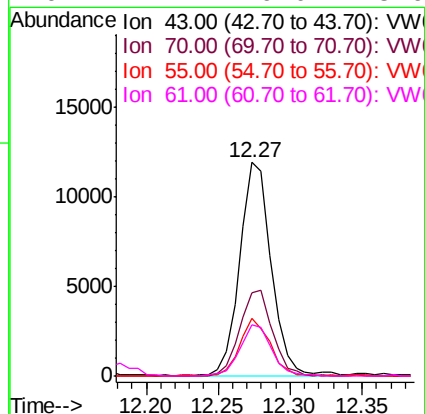
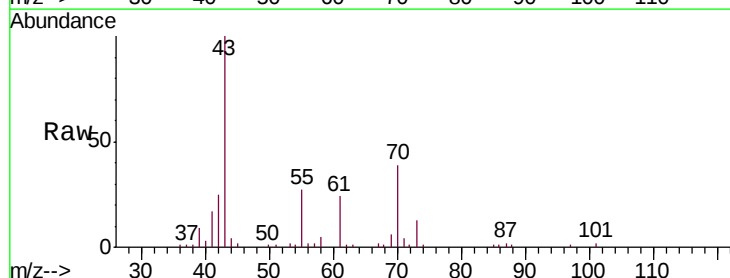
Ion Ratio Lower Upper

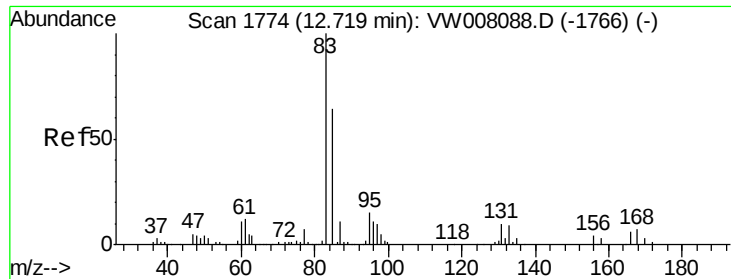
43 100

70 41.0 32.4 48.6

55 26.1 18.7 28.1

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.571 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

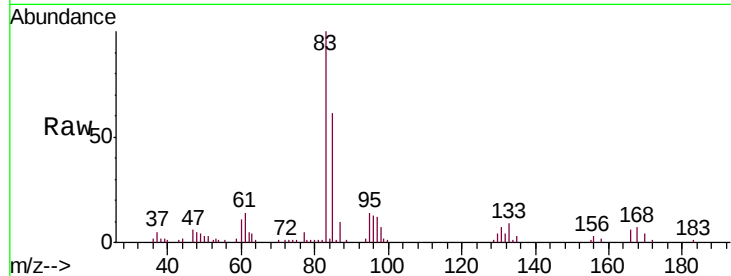
Tgt Ion: 83 Resp: 13883

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

85 65.0 32.4 97.2



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

12000

10000

8000

6000

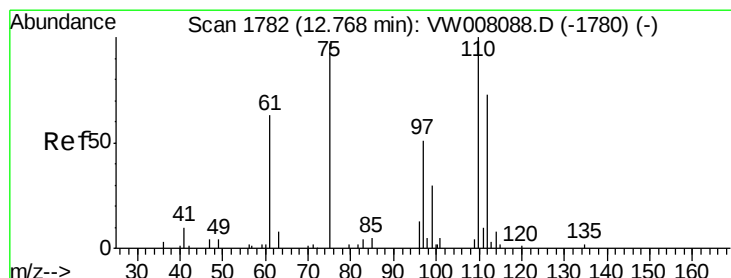
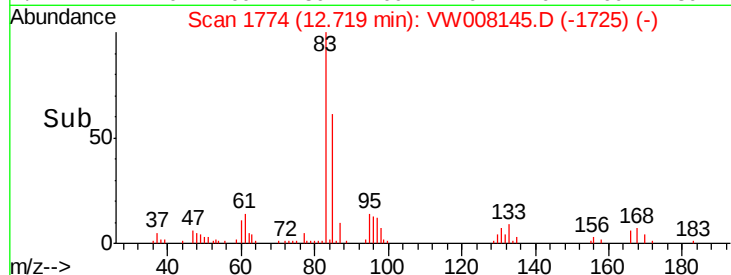
4000

2000

0

12.65 12.70 12.75

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.674 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008145.D

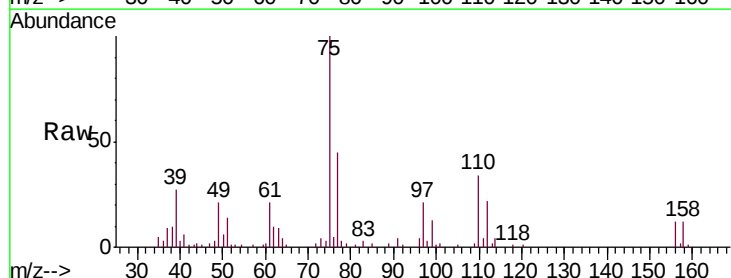
Acq: 10 Jan 2019 13:41

Tgt Ion: 75 Resp: 18358

Ion Ratio Lower Upper

75 100

77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

20000

15000

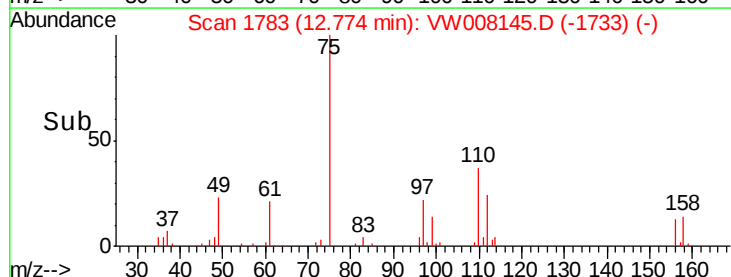
10000

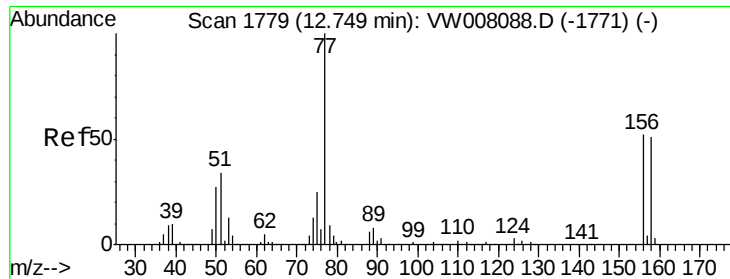
5000

0

12.70 12.80

Time-->





#77

Bromobenzene

Concen: 18.770 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

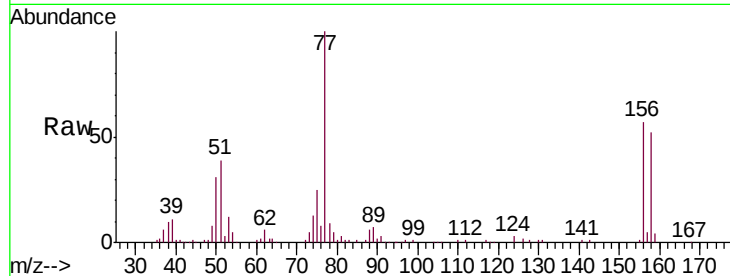
Tgt Ion:156 Resp: 17577

Ion Ratio Lower Upper

156 100

77 203.3 104.2 312.5

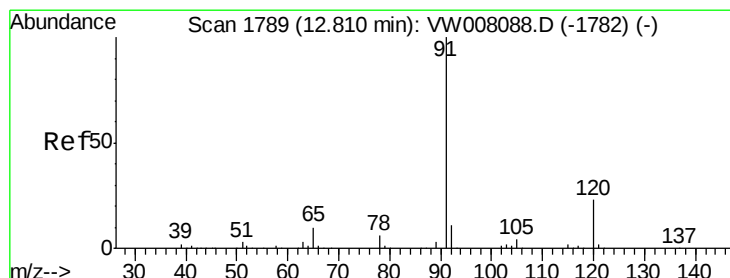
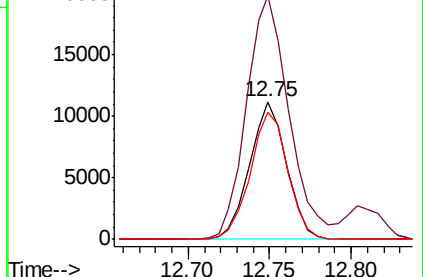
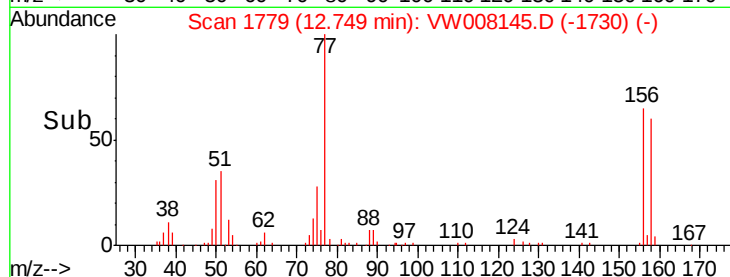
158 94.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.868 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008145.D

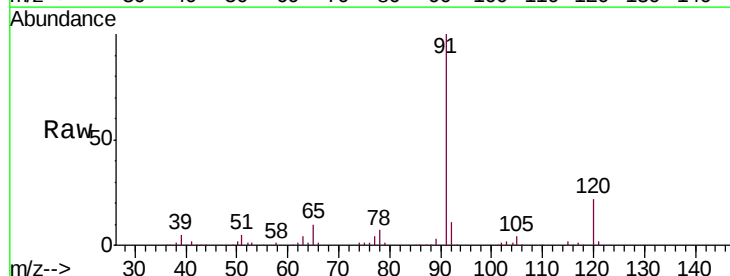
Acq: 10 Jan 2019 13:41

Tgt Ion: 91 Resp: 102460

Ion Ratio Lower Upper

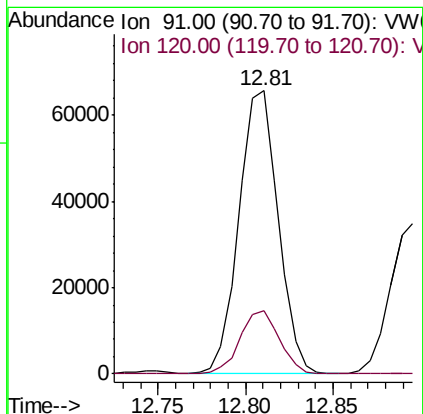
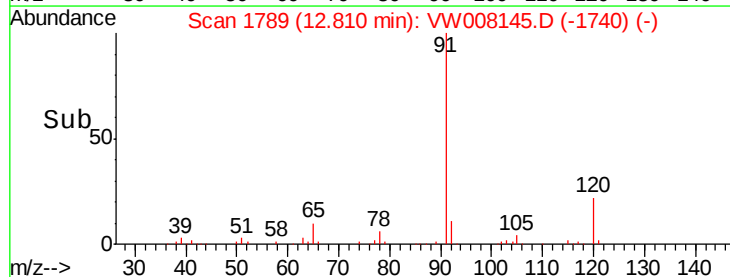
91 100

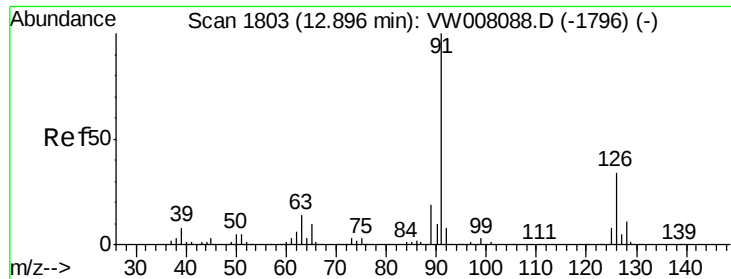
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.887 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

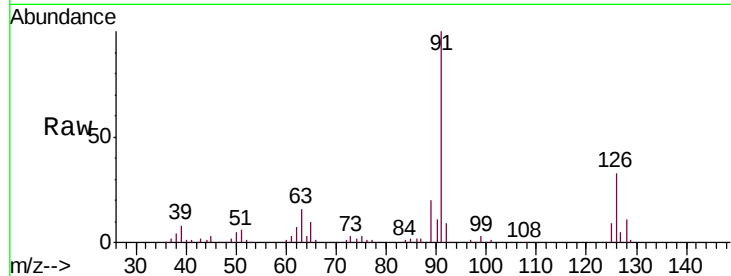
VW0110SBSD01

Tgt Ion: 91 Resp: 57219

Ion Ratio Lower Upper

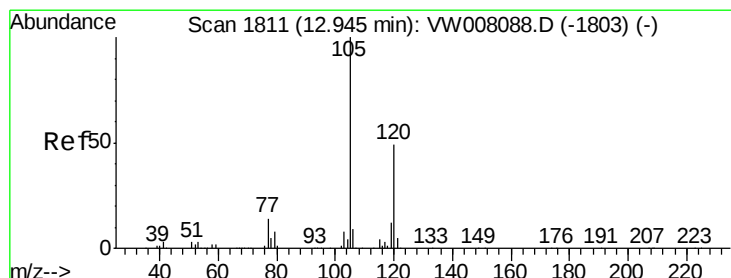
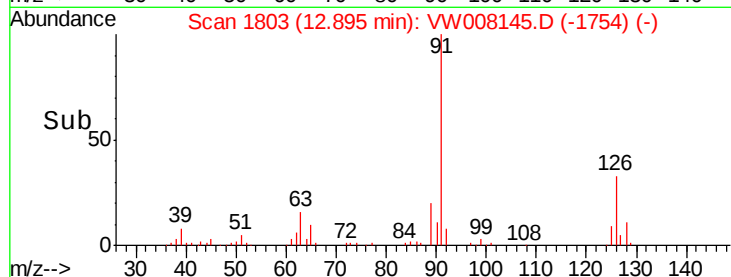
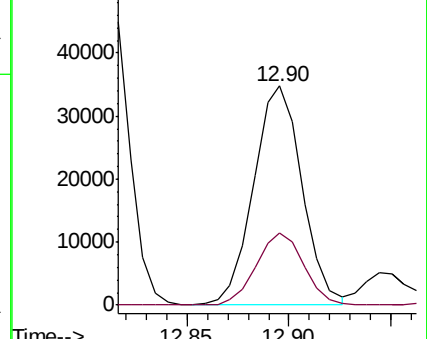
91 100

126 32.7 16.8 50.3



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: 19.216 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008145.D

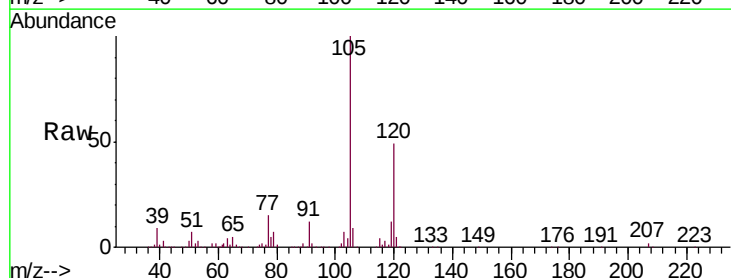
Acq: 10 Jan 2019 13:41

Tgt Ion:105 Resp: 69983

Ion Ratio Lower Upper

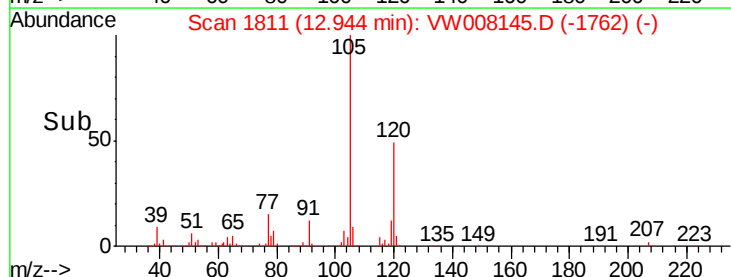
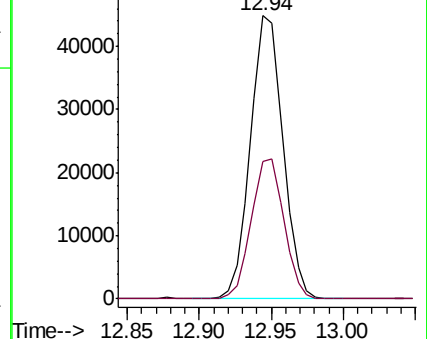
105 100

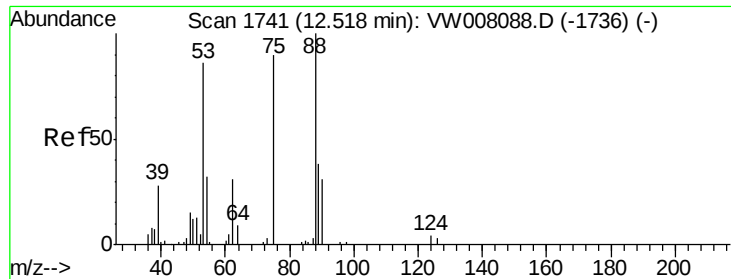
120 49.7 24.7 74.1



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: 18.440 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

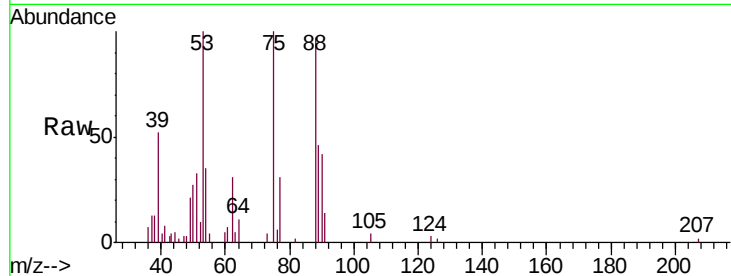
Tgt Ion: 75 Resp: 4075

Ion Ratio Lower Upper

75 100

53 102.4 78.8 118.2

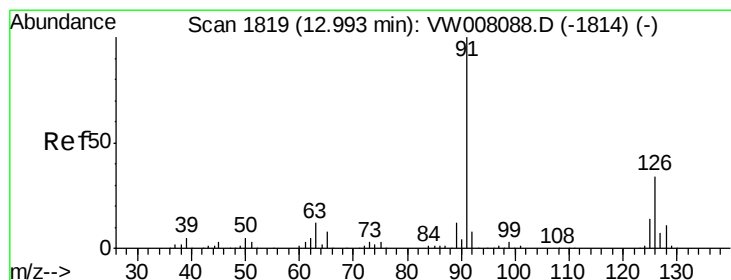
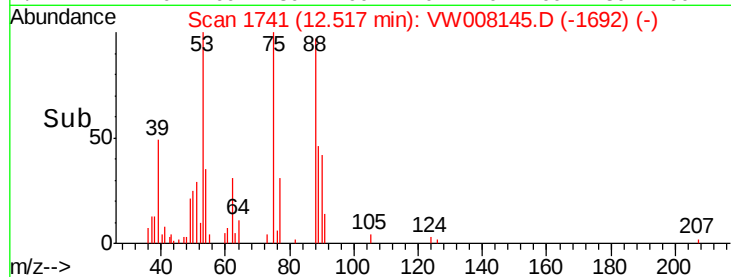
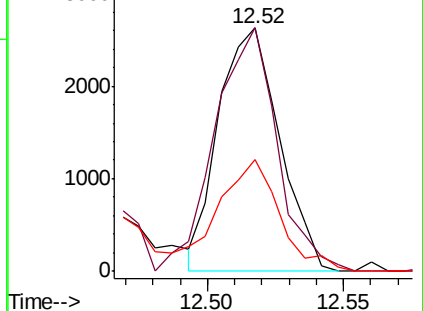
89 46.9 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 18.979 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008145.D

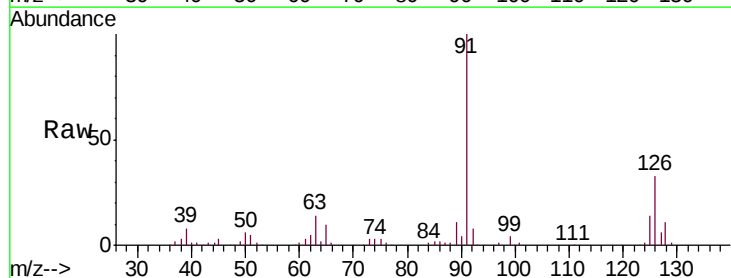
Acq: 10 Jan 2019 13:41

Tgt Ion: 91 Resp: 60557

Ion Ratio Lower Upper

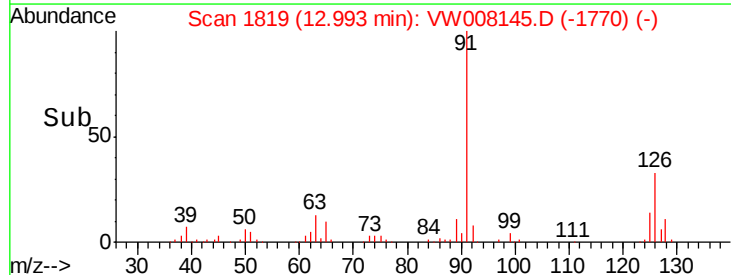
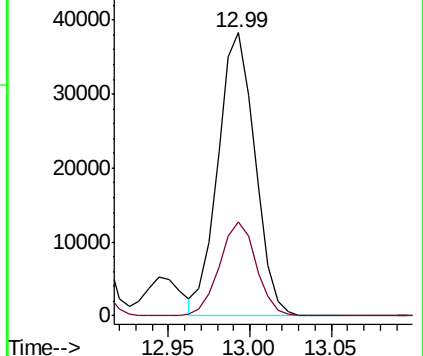
91 100

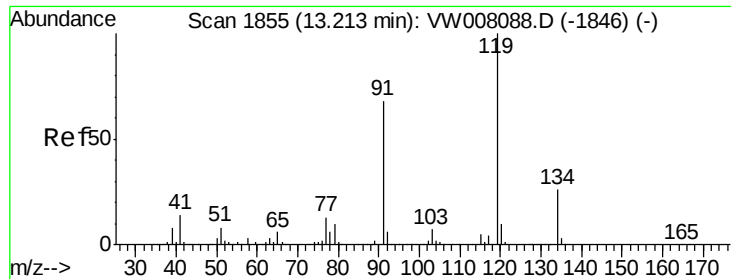
126 32.9 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

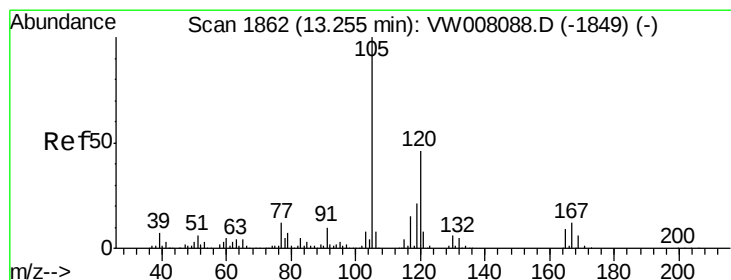
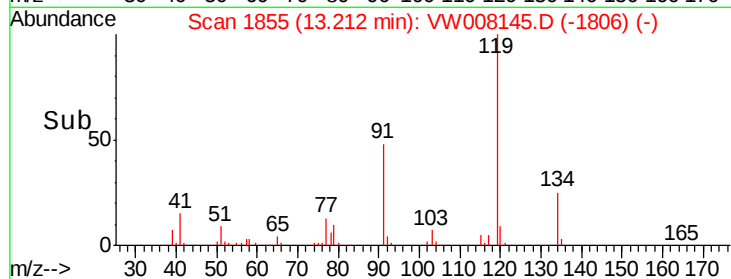
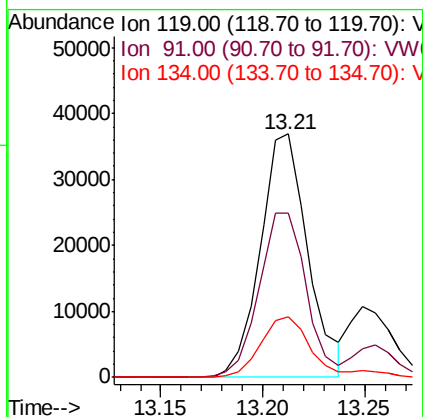
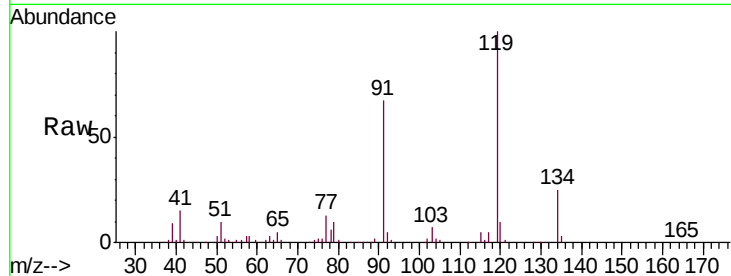




#83
tert-Butylbenzene
Concen: 18.577 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

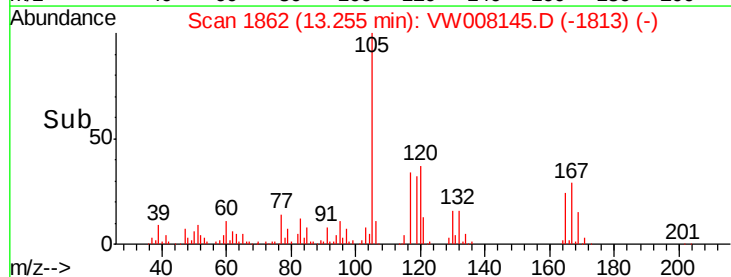
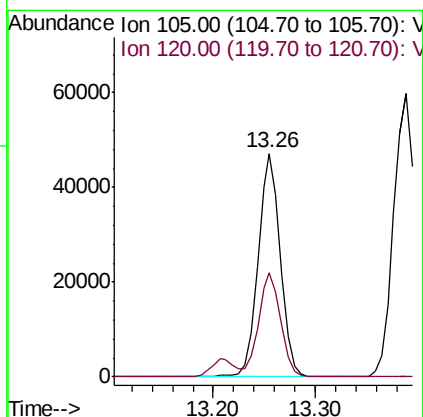
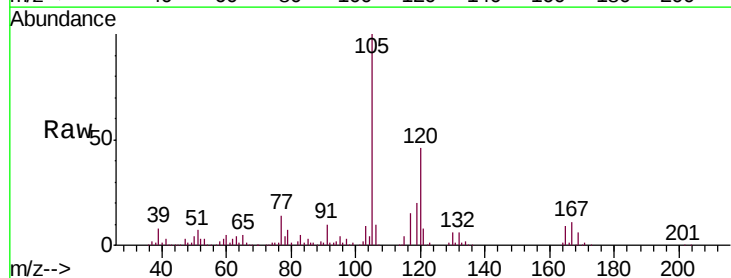
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

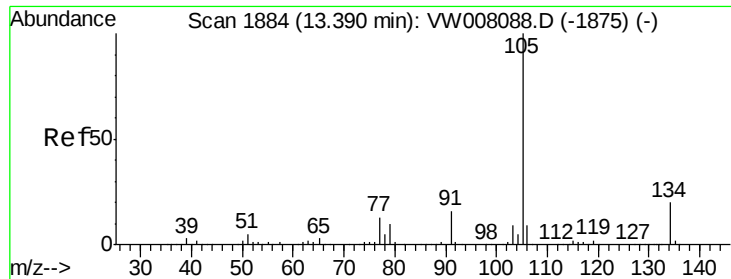
Tgt Ion:119 Resp: 59855
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.6
134 25.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.089 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:105 Resp: 71702
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1

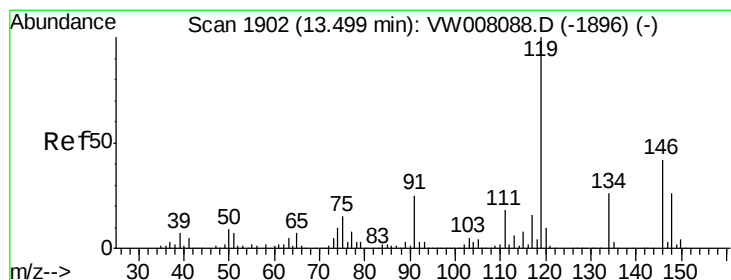
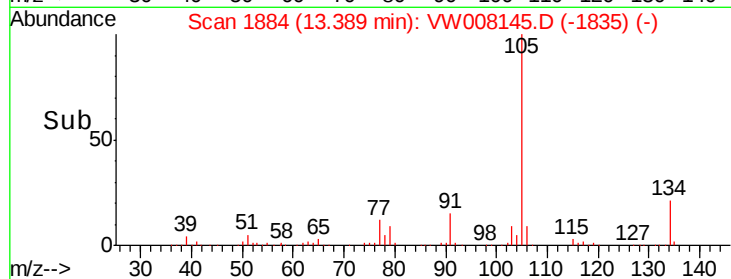
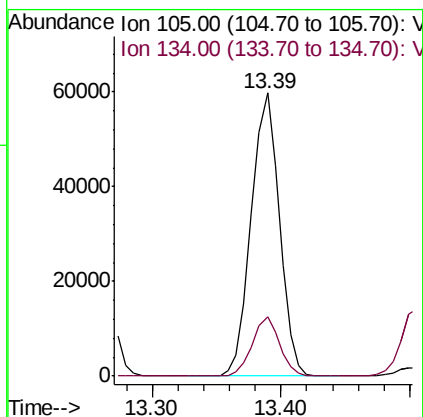
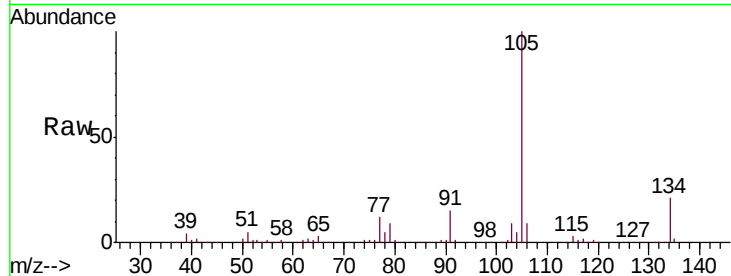




#85
 sec-Butylbenzene
 Concen: 19.123 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

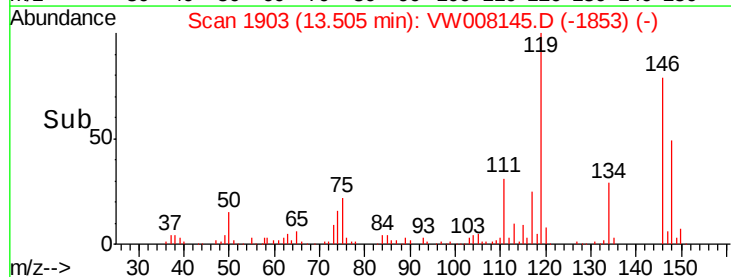
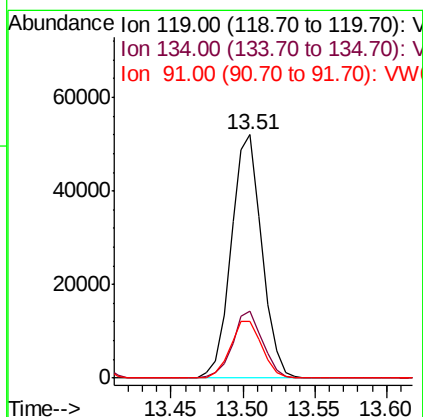
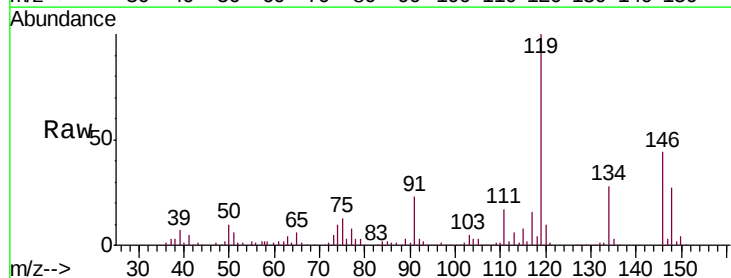
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

Tgt Ion:105 Resp: 90256
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.907 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion:119 Resp: 77057
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.3 12.3 36.9

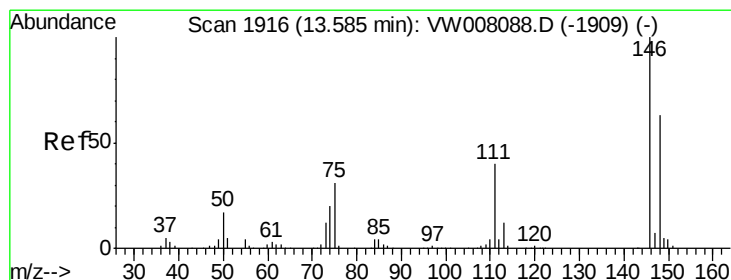
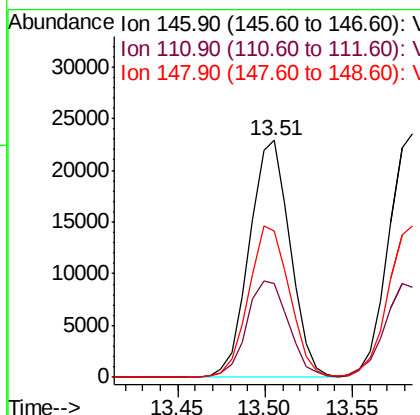
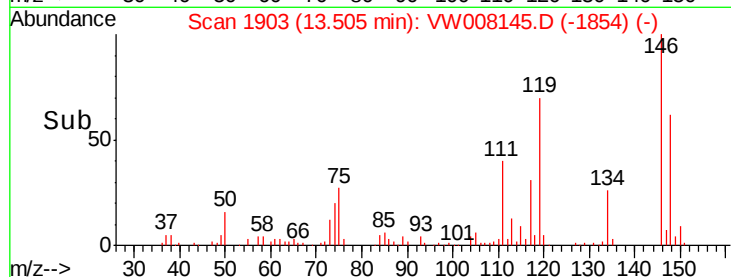
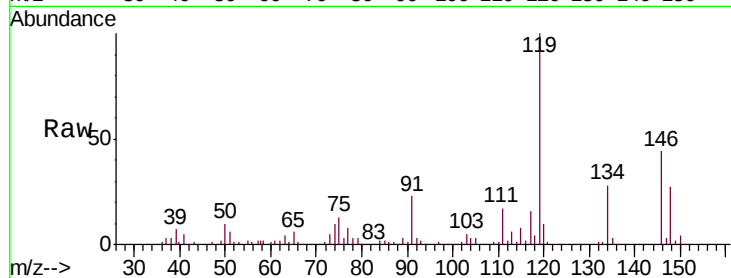




#87
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

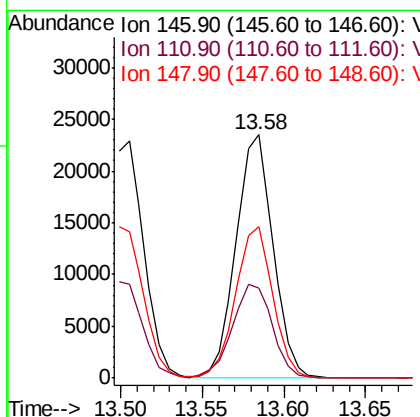
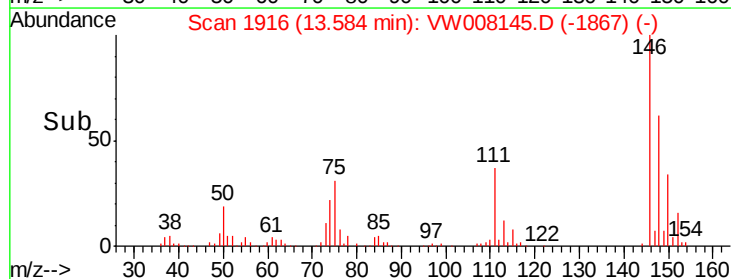
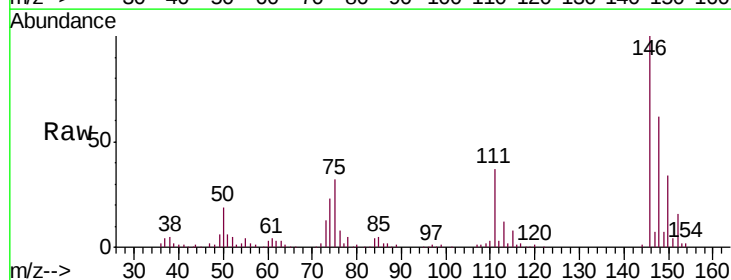
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

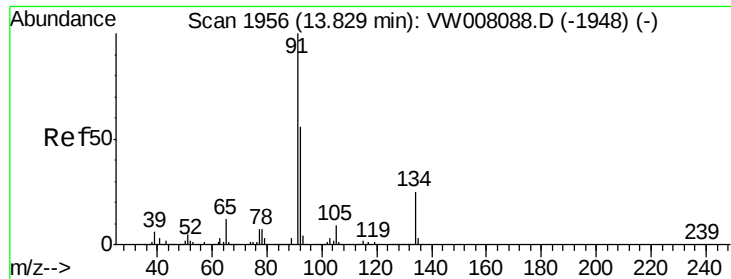
Tgt Ion:146 Resp: 37084
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 64.4 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.595 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion:146 Resp: 37345
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.5
 148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 18.966 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

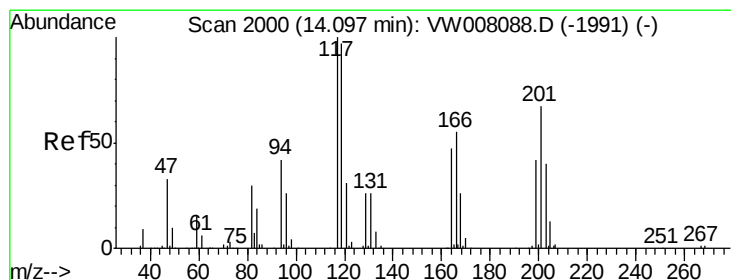
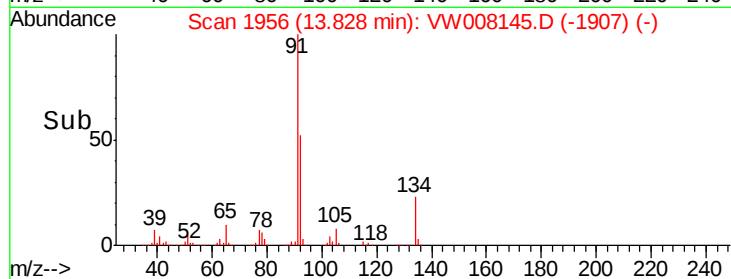
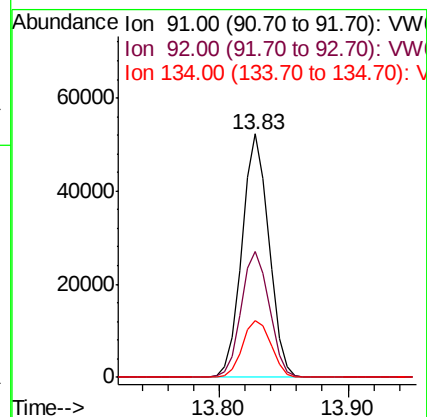
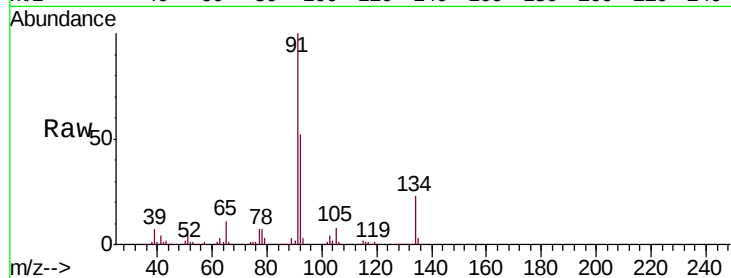
Tgt Ion: 91 Resp: 75709

Ion Ratio Lower Upper

91 100

92 53.7 27.4 82.2

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 19.615 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008145.D

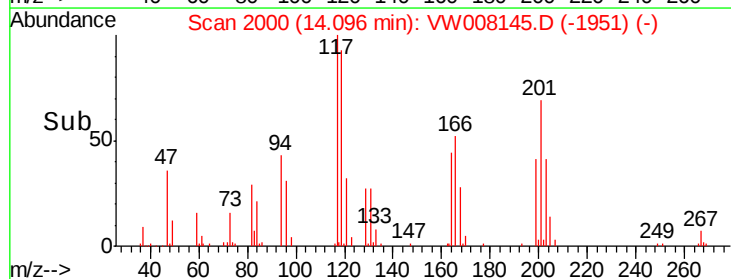
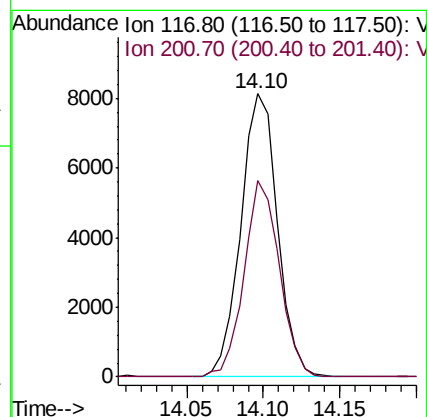
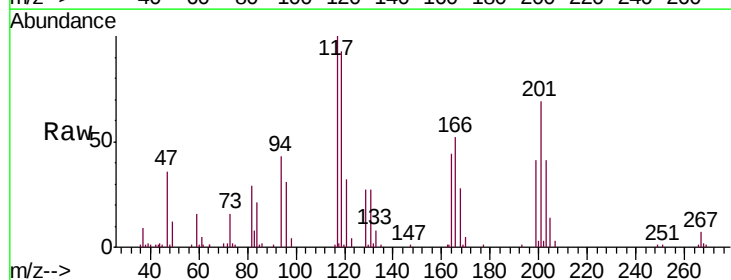
Acq: 10 Jan 2019 13:41

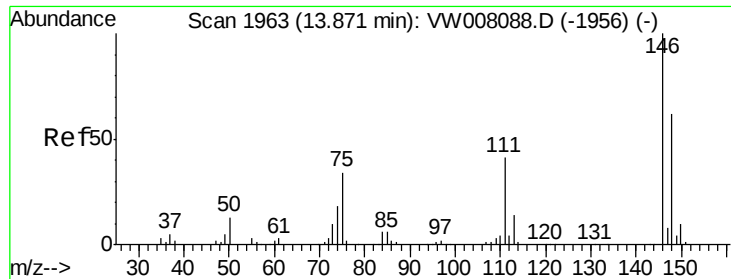
Tgt Ion: 117 Resp: 13503

Ion Ratio Lower Upper

117 100

201 66.7 33.0 98.9





#91

1,2-Dichlorobenzene

Concen: 19.054 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBSD01

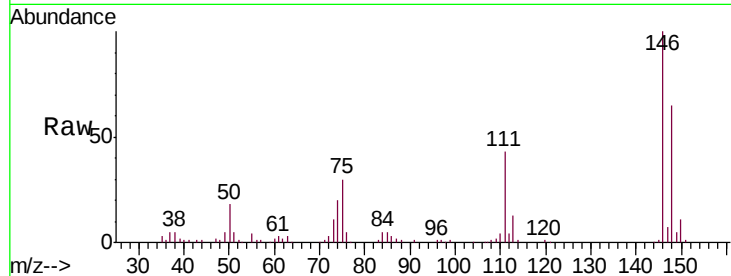
Tgt Ion:146 Resp: 31810

Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

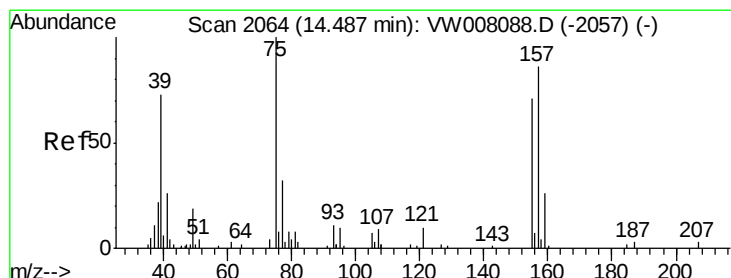
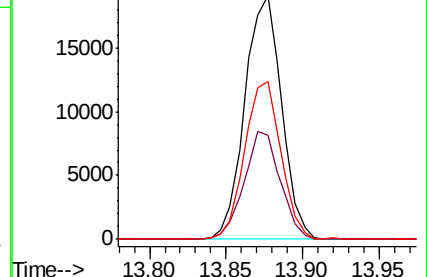
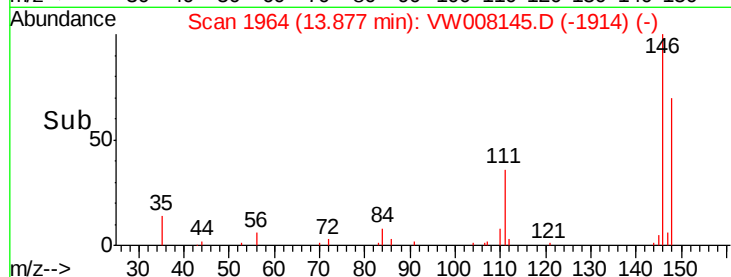
148 64.3 31.5 94.5



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: 19.166 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008145.D

Acq: 10 Jan 2019 13:41

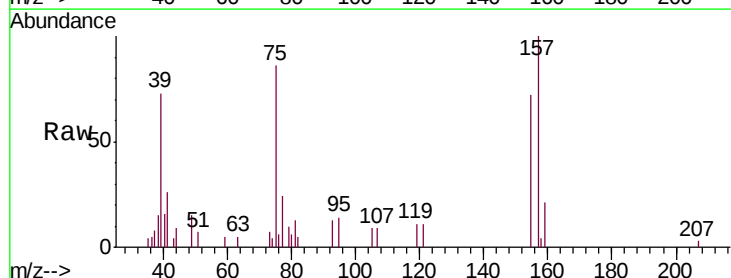
Tgt Ion: 75 Resp: 2188

Ion Ratio Lower Upper

75 100

155 81.1 38.6 115.7

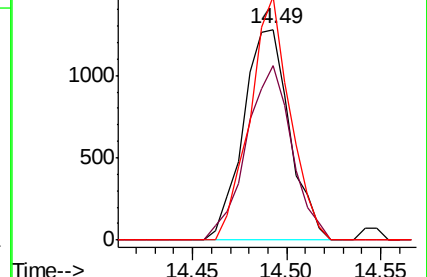
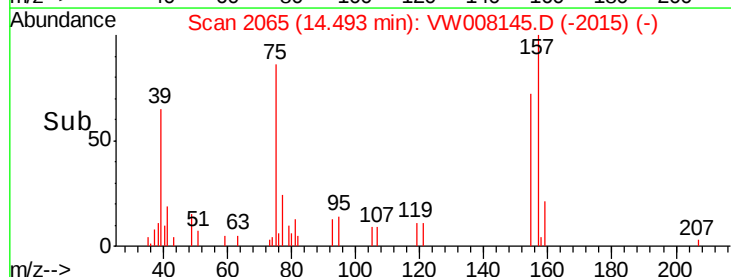
157 99.6 47.5 142.6

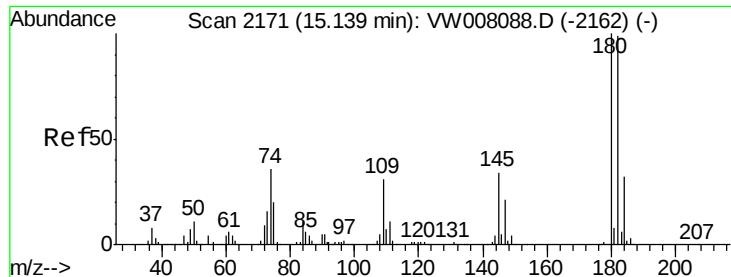


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

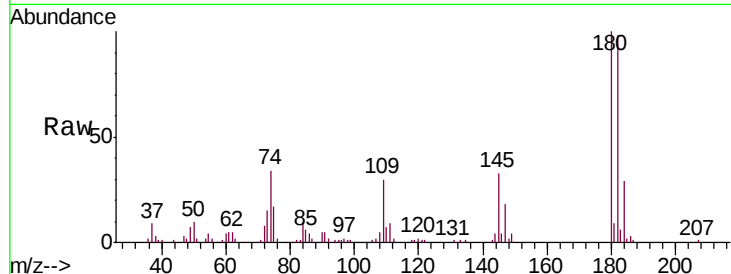




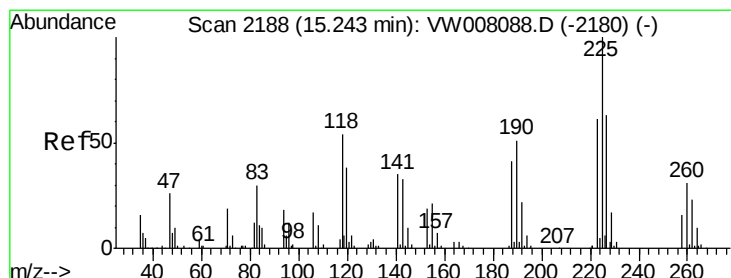
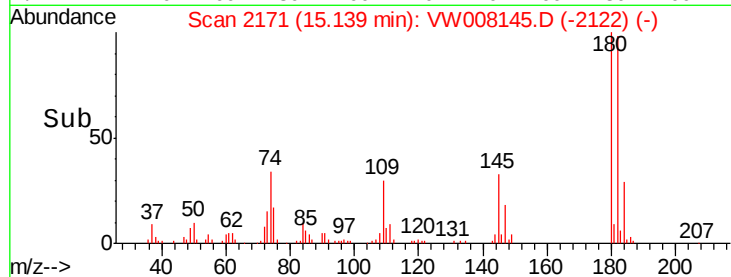
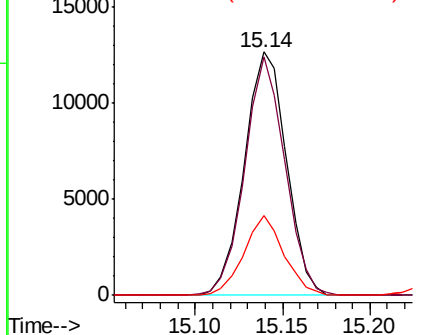
#93
 1,2,4-Trichlorobenzene
 Concen: 19.111 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

Tgt Ion:180 Resp: 21182
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.6 145.9
 145 31.2 16.6 49.7

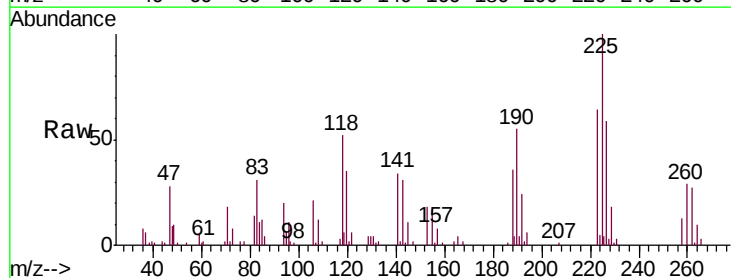


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

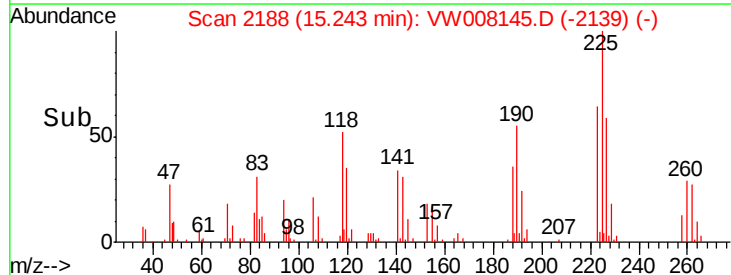
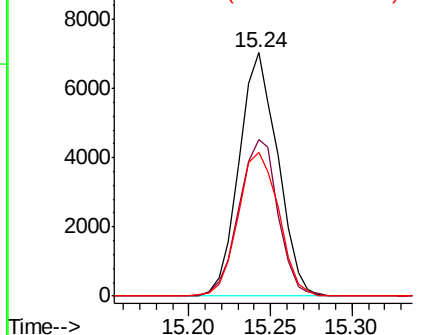


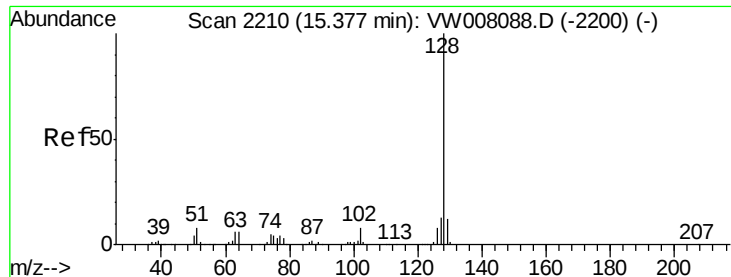
#94
 Hexachlorobutadiene
 Concen: 19.582 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008145.D
 Acq: 10 Jan 2019 13:41

Tgt Ion:225 Resp: 11617
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.4 94.3
 227 62.1 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

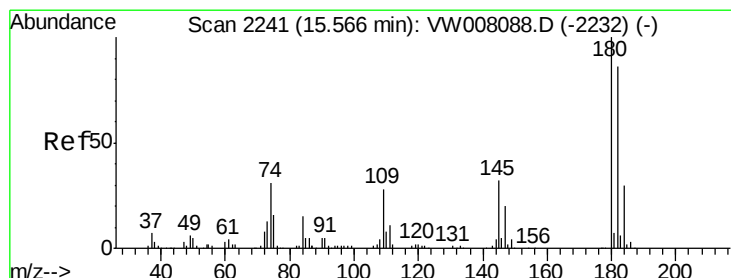
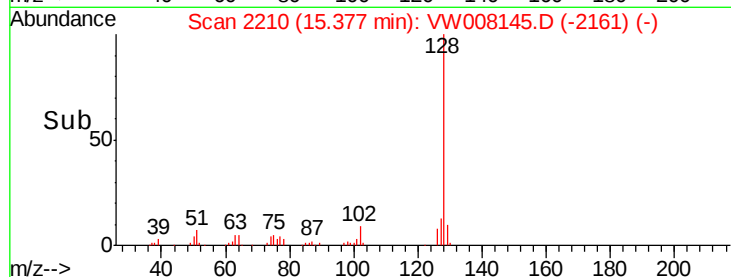
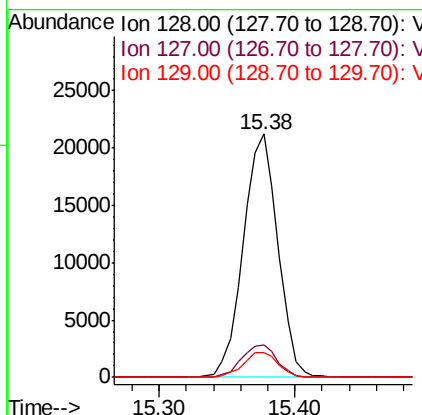
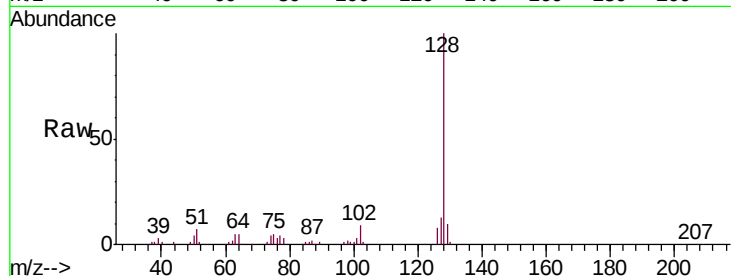




#95
Naphthalene
Concen: 18.215 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBSD01

Tgt Ion:128 Resp: 37697
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.4 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.624 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008145.D
Acq: 10 Jan 2019 13:41

Tgt Ion:180 Resp: 17597
Ion Ratio Lower Upper
180 100
182 92.8 46.5 139.3
145 34.4 17.4 52.2

