

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016405.D
 Acq On : 31 Aug 2020 12:39
 Operator : SY/VA
 Sample : VW0831SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBL01

Quant Time: Sep 01 02:57:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	226594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	207369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	80900	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
35) Dibromofluoromethane	7.88	113	76320	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	10.32	98	286190	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	103934	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	

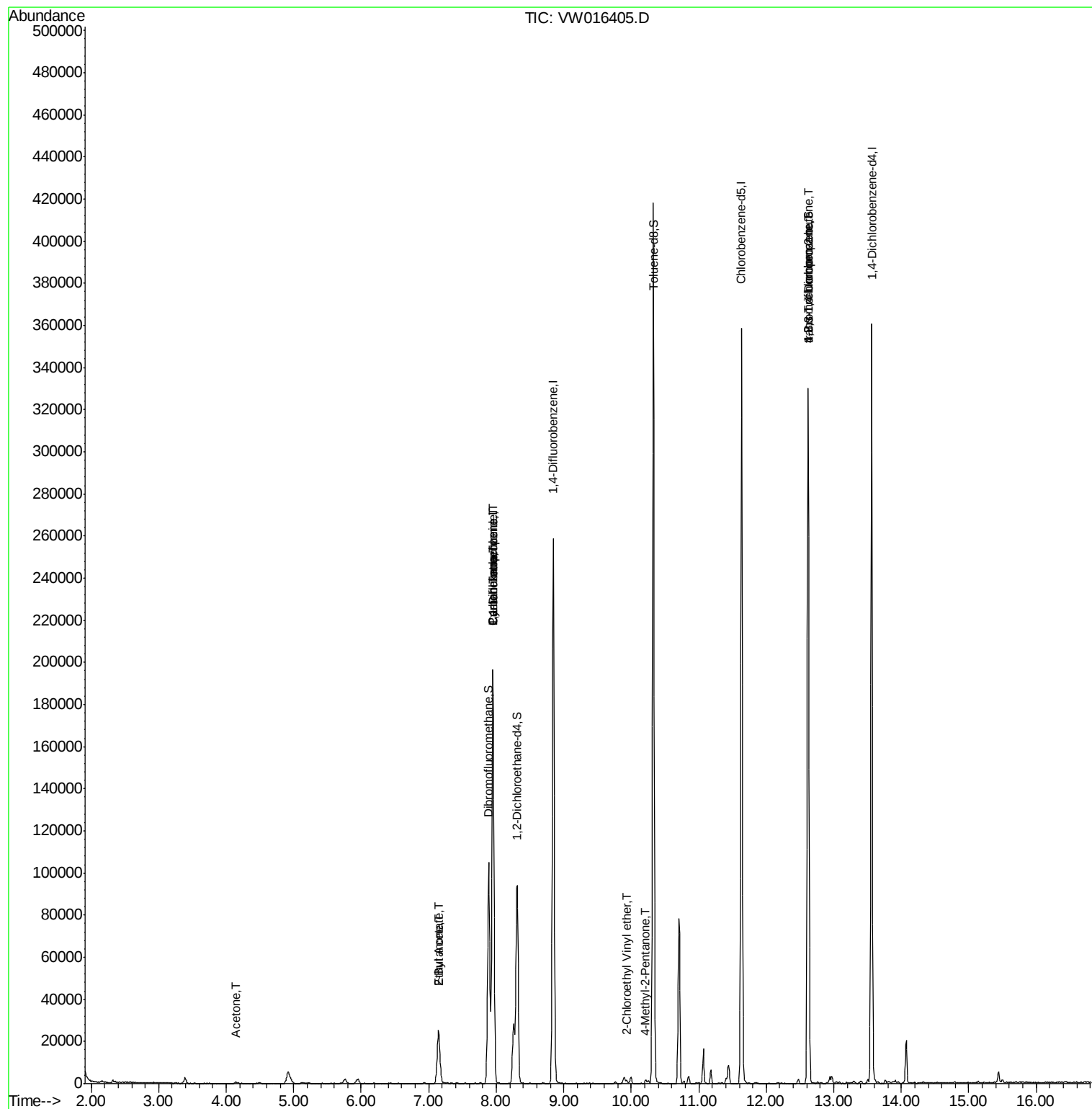
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	335	Below Cal	#	72
16) Acetone	4.14	43	1006	4.159	ug/l	89
20) Methylene Chloride	4.92	84	4299	Below Cal	#	87
25) 2-Butanone	7.15	43	1115	3.397	ug/l #	63
31) Cyclohexane	7.95	56	2736	1.236	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	10403	4.824	ug/l #	49
37) Ethyl Acetate	7.15	43	1115	1.526	ug/l #	1
38) Carbon Tetrachloride	7.95	117	14986	6.342	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	1196	1.659	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.93	63	911	1.530	ug/l #	87
76) 1,2,3-Trichloropropane	12.62	75	53323	64.605	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	53323	143.434	ug/l #	11

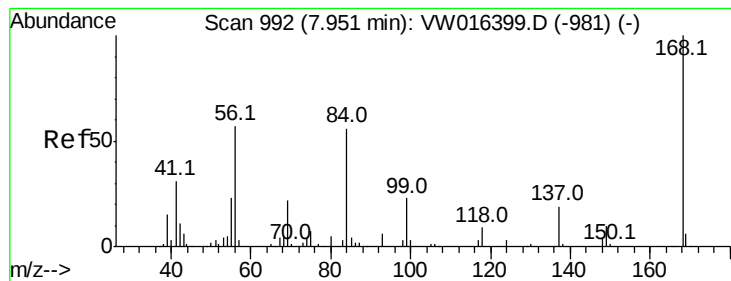
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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Quant Time: Sep 01 02:57:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

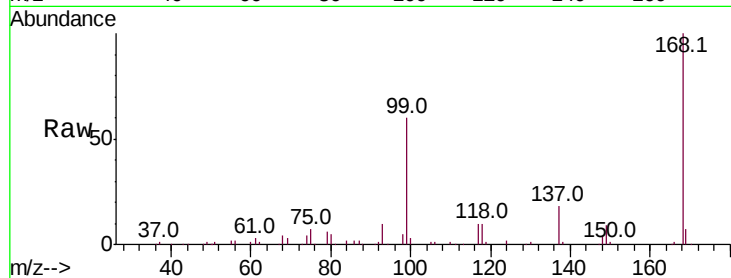
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBL01

Tot Ion:168 Resp: 142305

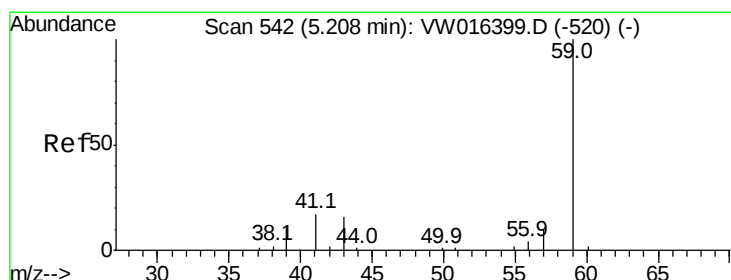
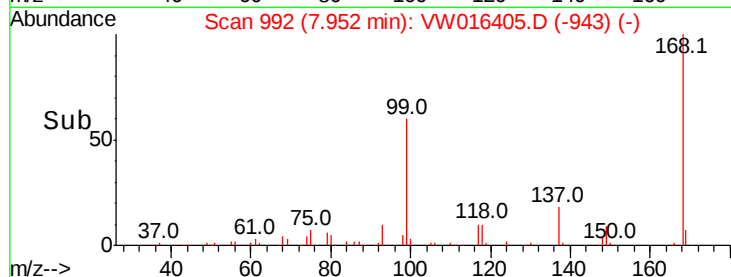
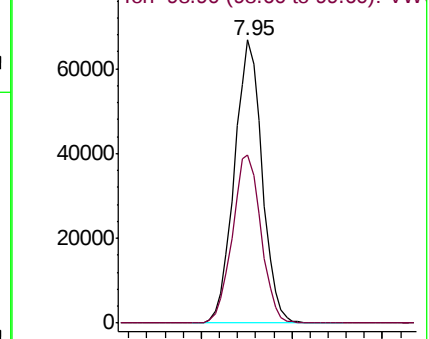
Ion Ratio Lower Upper

168 100

99 59.5 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): VW
Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.00 min

Lab File: VW016405.D

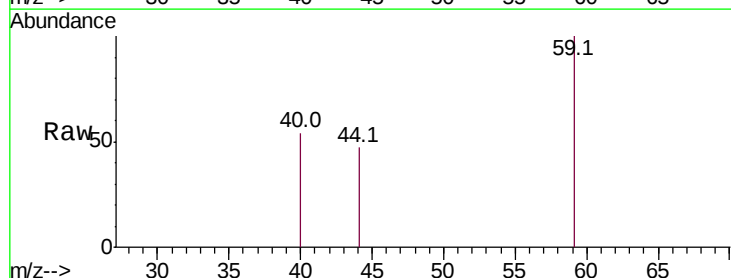
Acq: 31 Aug 2020 12:39

Tgt Ion: 59 Resp: 335

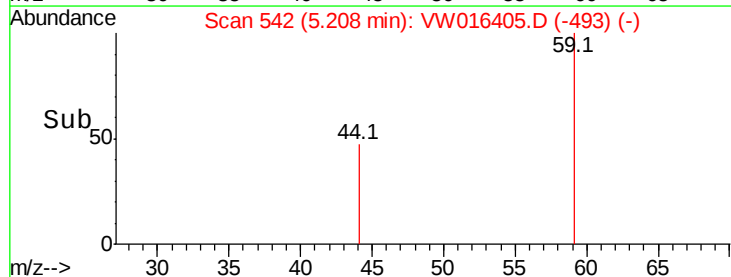
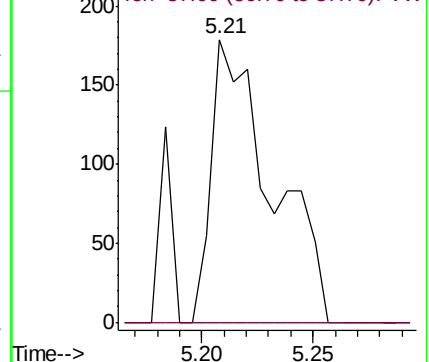
Ion Ratio Lower Upper

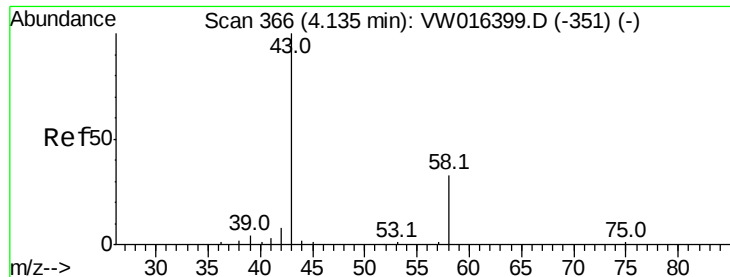
59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.159 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

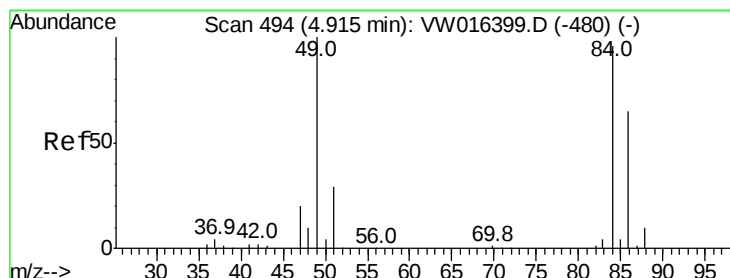
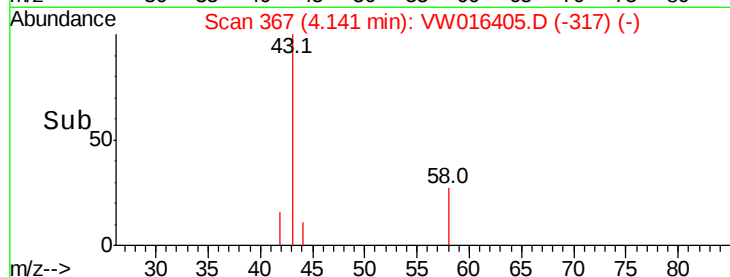
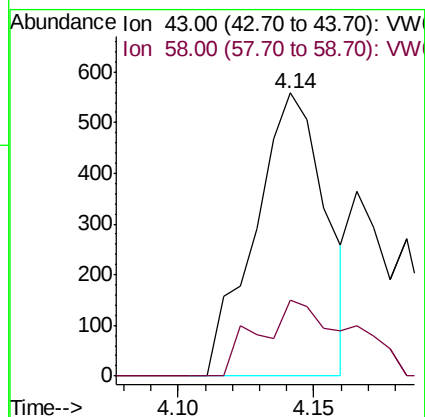
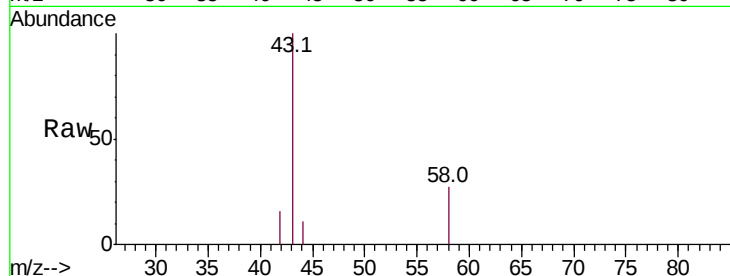
VW0831SBL01

Tot Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 26.7 26.6 39.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Tgt Ion: 84 Resp: 4299

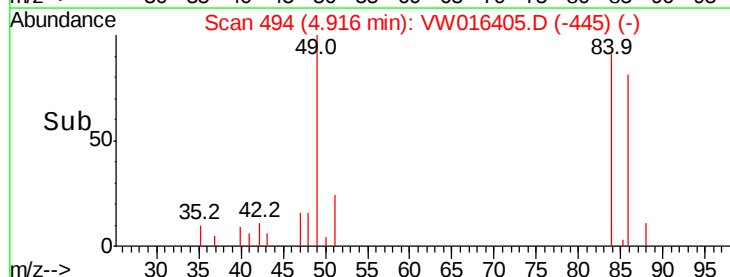
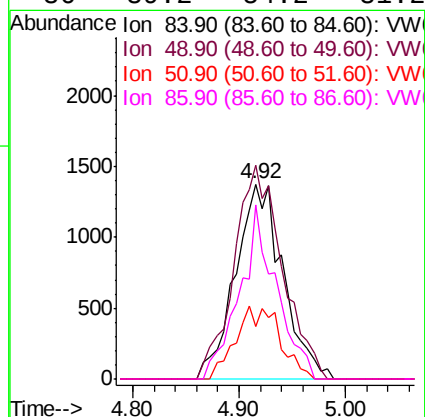
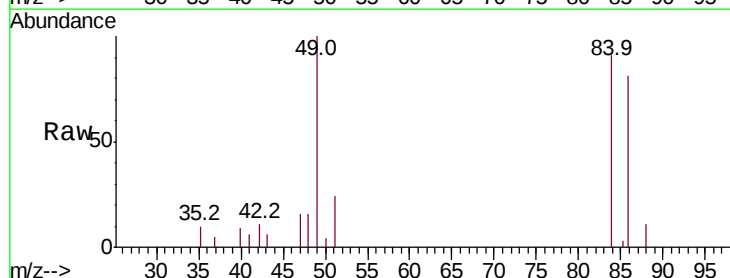
Ion Ratio Lower Upper

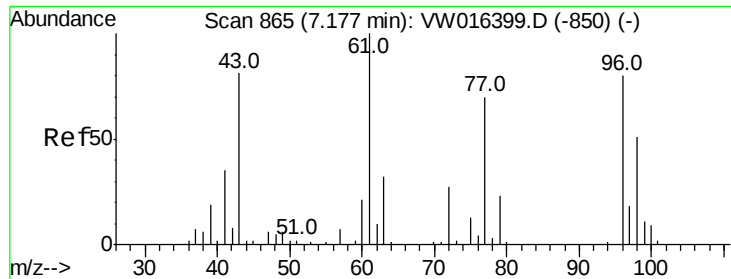
84 100

49 109.7 83.2 124.8

51 26.9 24.4 36.6

86 89.2 54.2 81.2#





#25

2-Butanone

Concen: 3.397 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

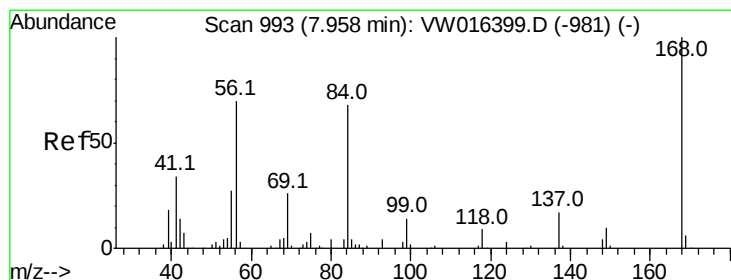
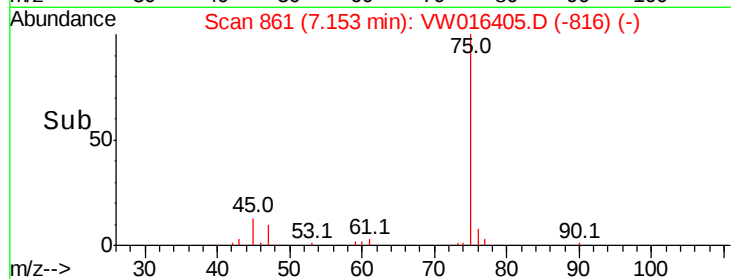
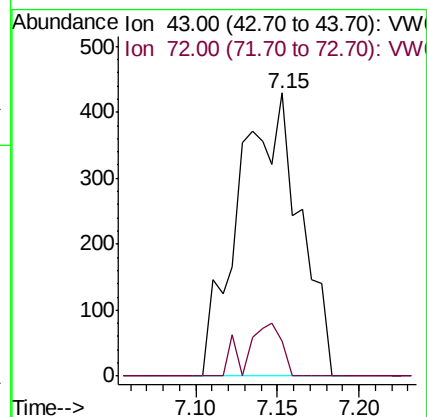
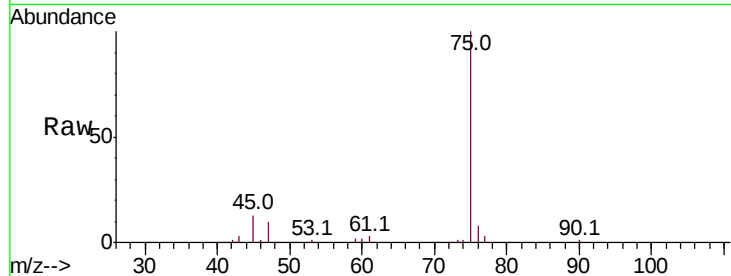
VW0831SBL01

Tot Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

72 12.6 26.7 40.1#



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

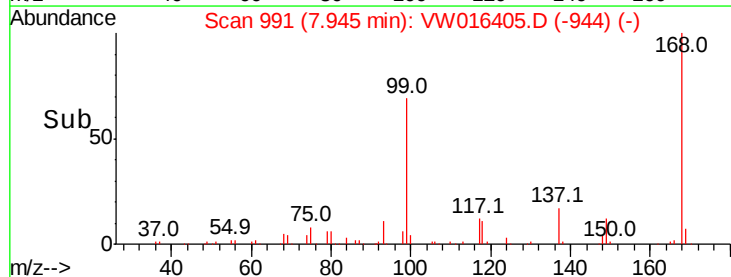
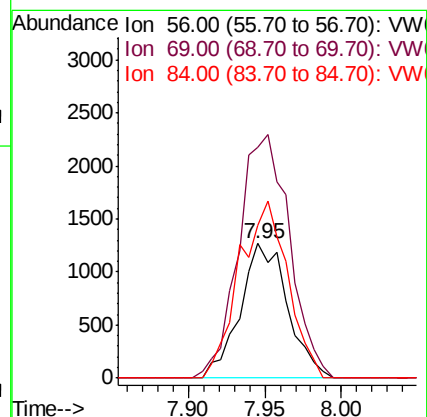
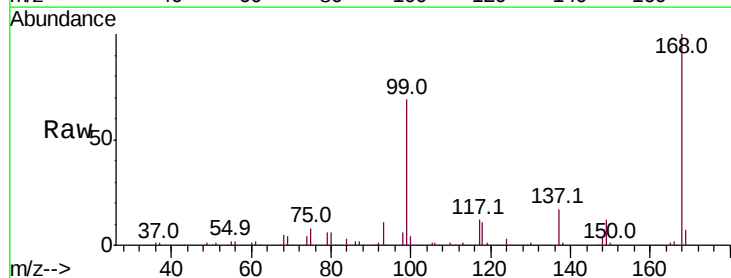
Tgt Ion: 56 Resp: 2736

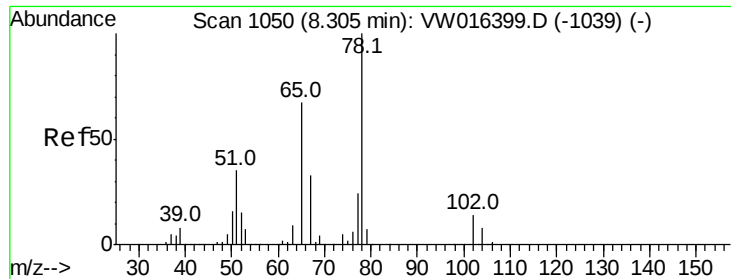
Ion Ratio Lower Upper

56 100

69 172.2 30.0 45.0#

84 114.1 77.4 116.2





#33

1,2-Dichloroethane-d4

Concen: 56.790 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

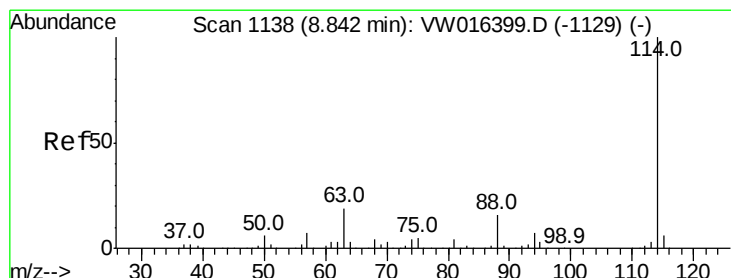
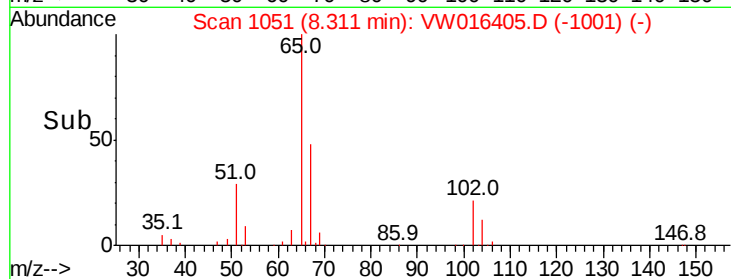
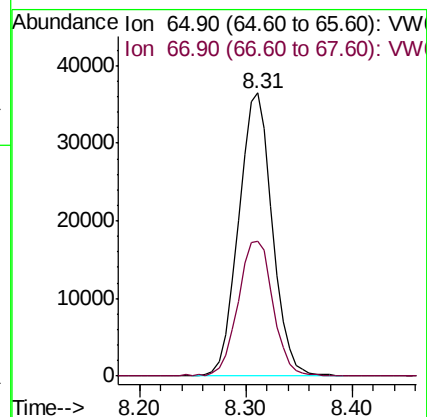
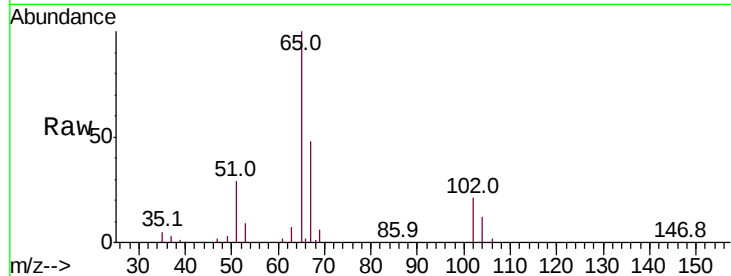
VW0831SBL01

Tot Ion: 65 Resp: 80900

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

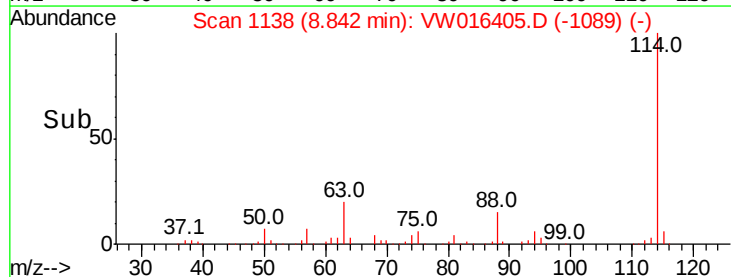
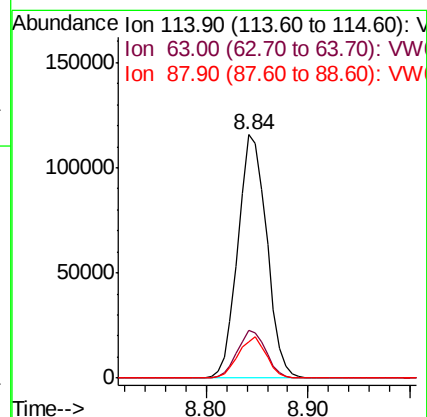
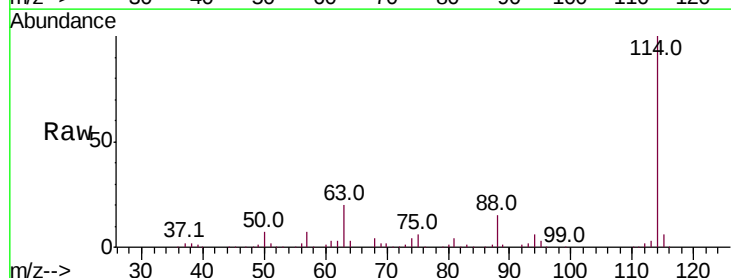
Tgt Ion: 114 Resp: 226594

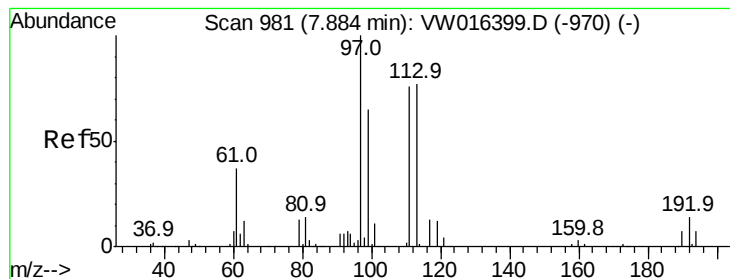
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.8

88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.211 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0831SBL01

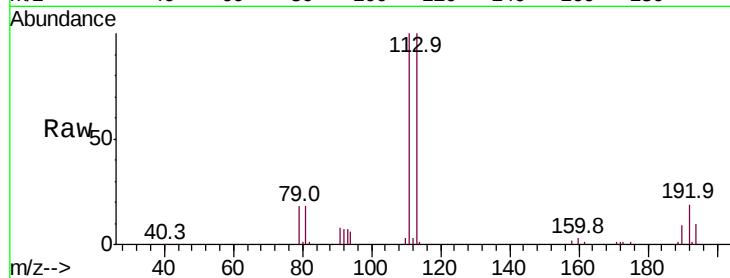
Tot Ion:113 Resp: 76320

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

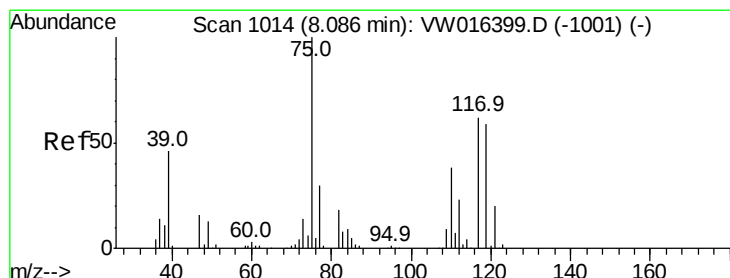
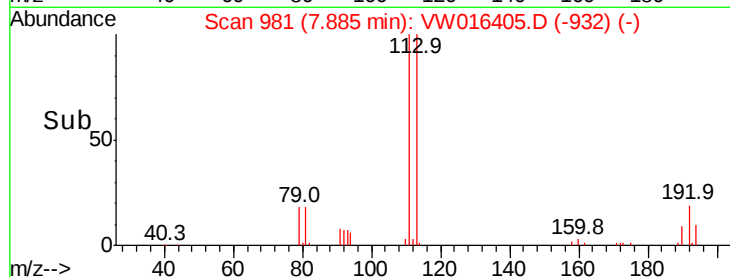
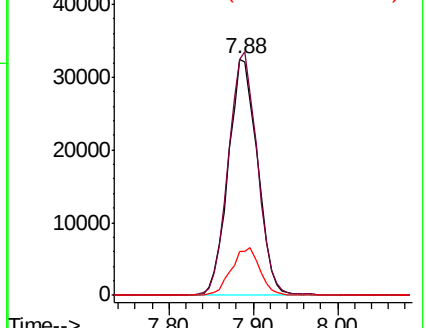
192 19.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

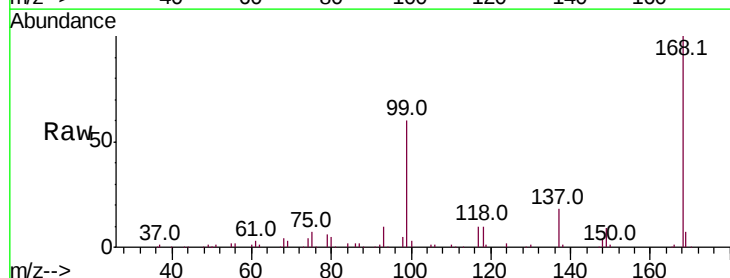
Tgt Ion: 75 Resp: 10403

Ion Ratio Lower Upper

75 100

110 9.4 18.6 56.0#

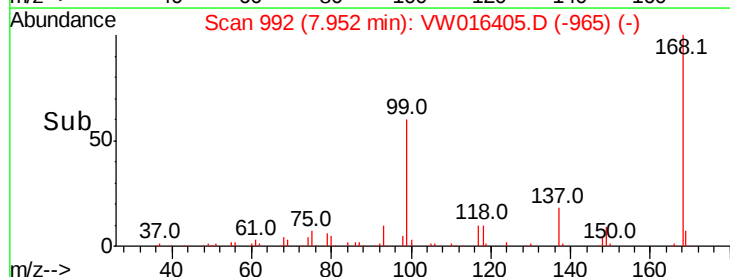
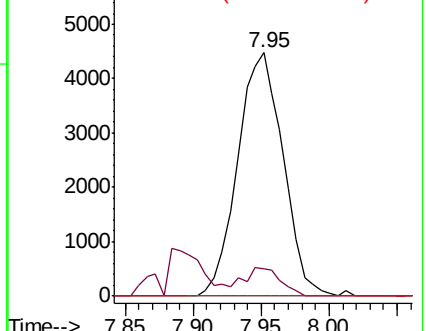
77 0.0 25.1 37.7#

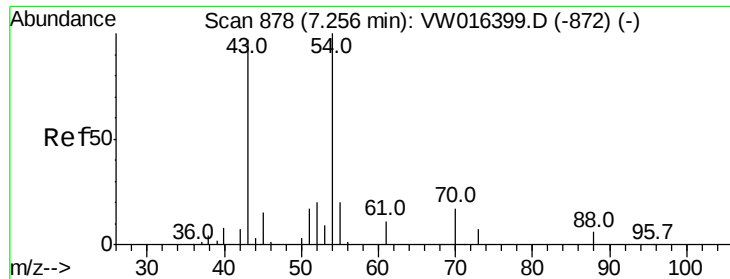


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

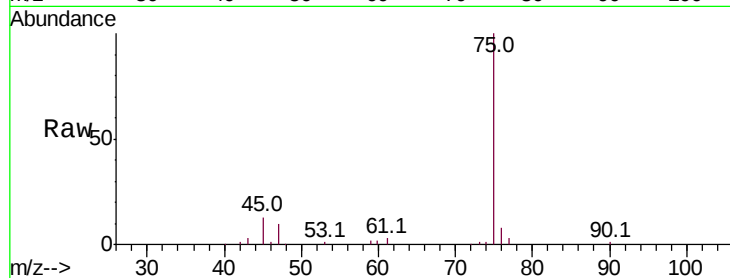




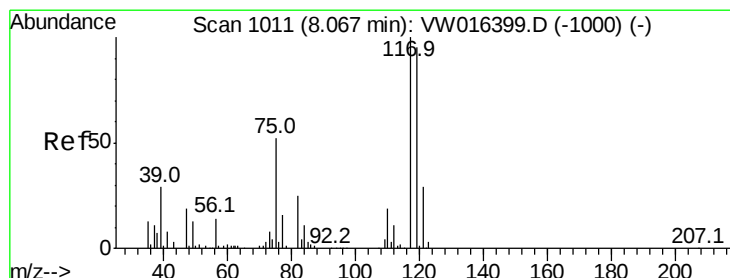
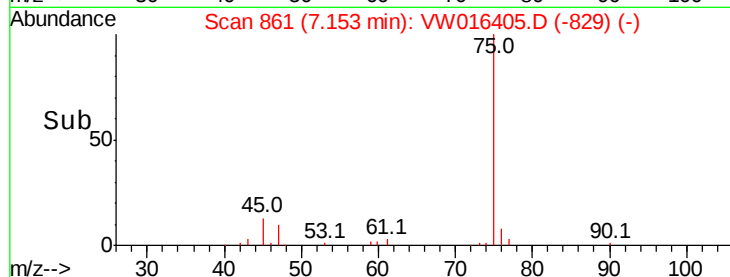
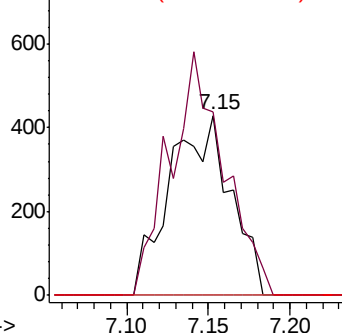
#37
Ethyl Acetate
Concen: 1.526 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.10 min
Lab File: VW016405.D
Acq: 31 Aug 2020 12:39

Instrument :
MSVOA_W
ClientSampleId :
VW0831SBL01

Tot Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
61 121.5 11.5 17.3#
70 0.0 10.7 16.1#

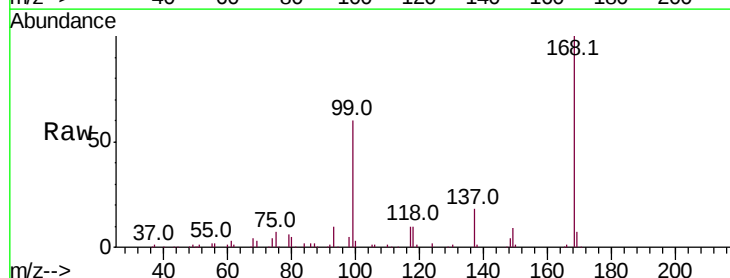


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

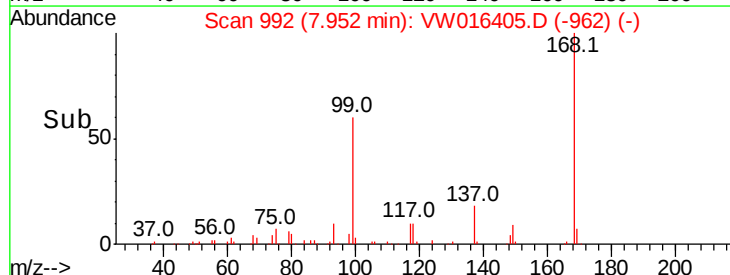
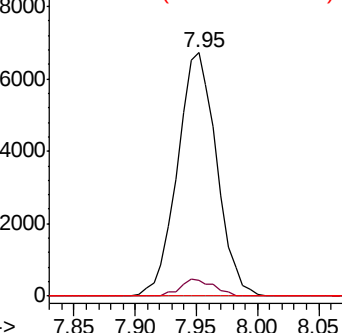


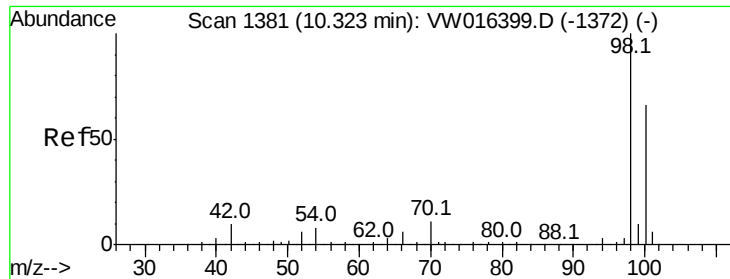
#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW016405.D
Acq: 31 Aug 2020 12:39

Tgt Ion: 117 Resp: 14986
Ion Ratio Lower Upper
117 100
119 6.5 76.3 114.5#
121 0.0 23.0 34.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 53.286 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

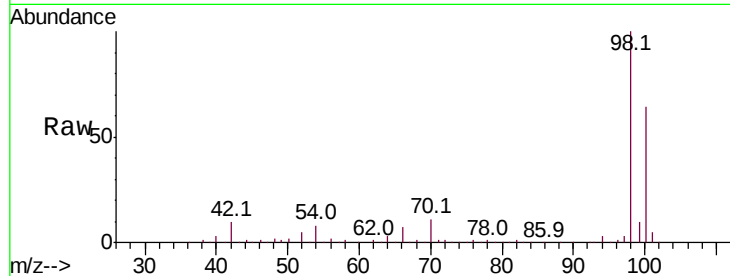
VW0831SBL01

Tot Ion: 98 Resp: 286190

Ion Ratio Lower Upper

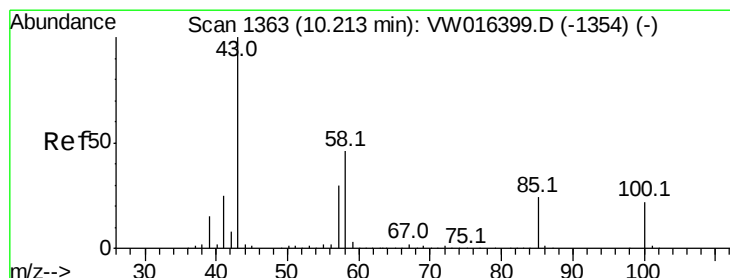
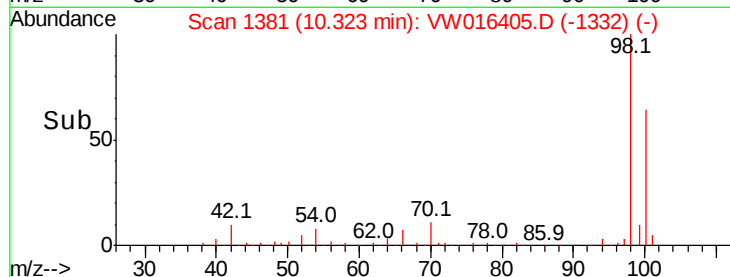
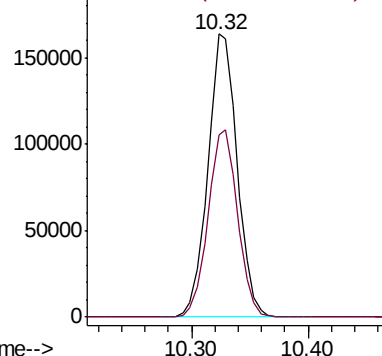
98 100

100 66.8 52.6 78.8



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: 1.659 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016405.D

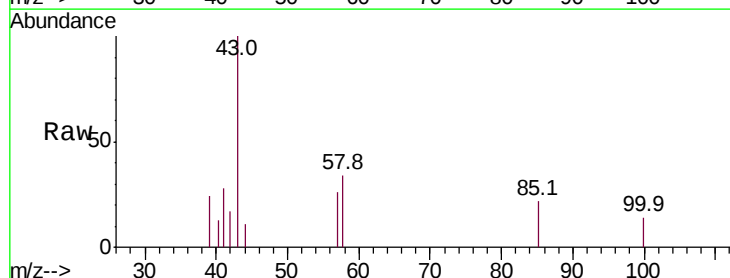
Acq: 31 Aug 2020 12:39

Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

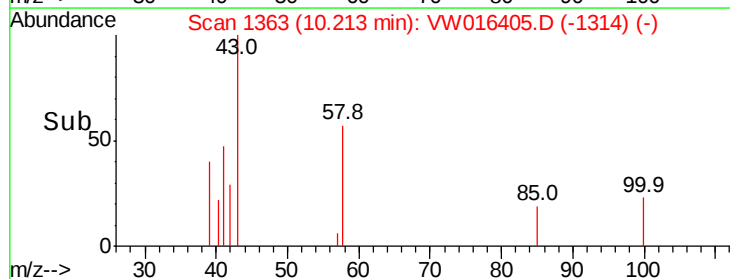
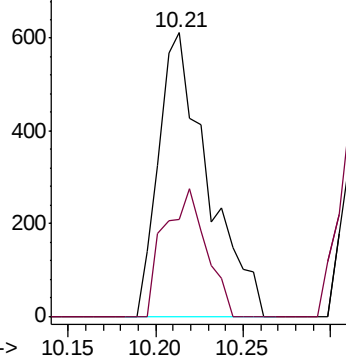
43 100

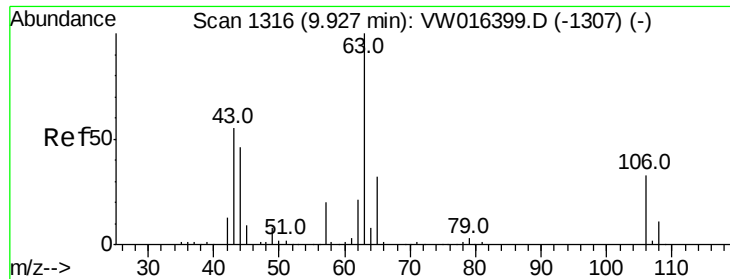
58 38.0 35.4 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

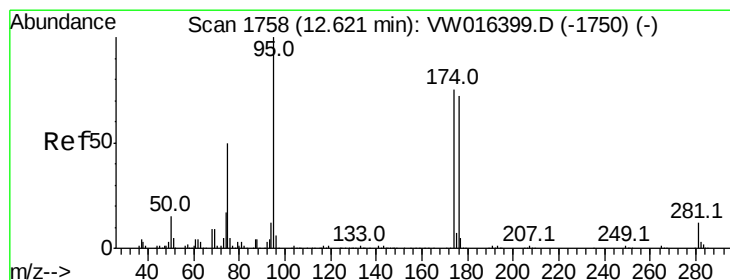
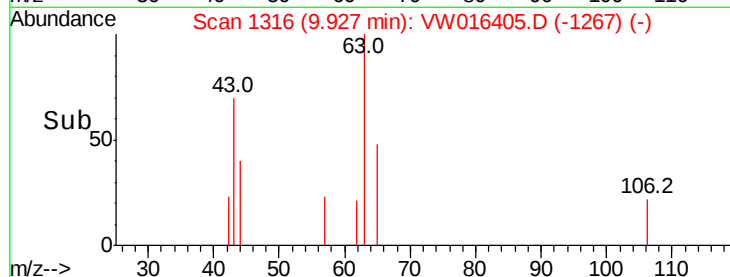
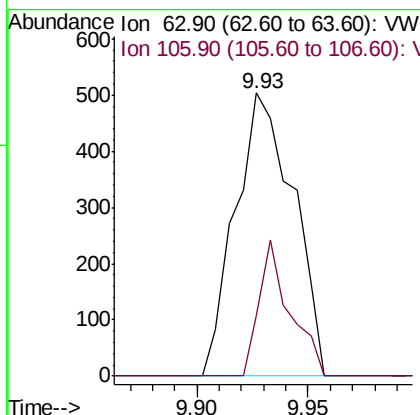
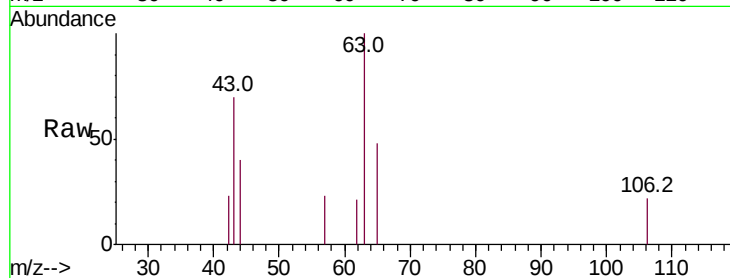




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.530 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016405.D
 Acq: 31 Aug 2020 12:39

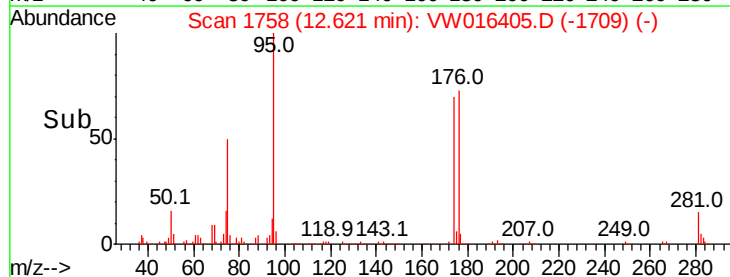
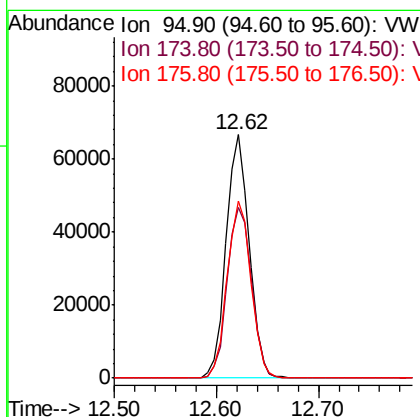
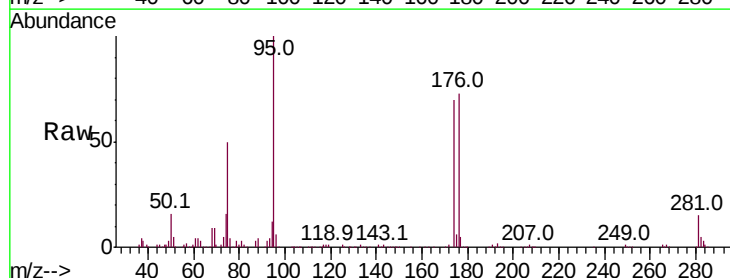
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0831SBL01

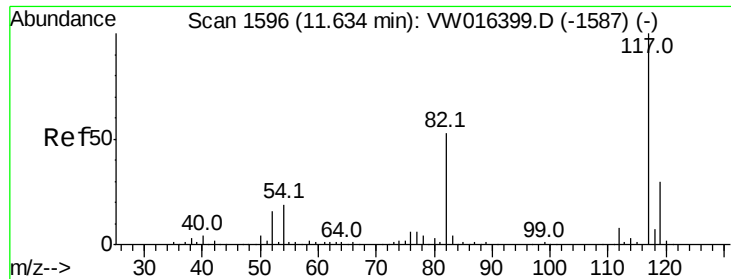
Tot Ion: 63 Resp: 911
 Ion Ratio Lower Upper
 63 100
 106 25.7 26.6 40.0#



#62
 4-Bromofluorobenzene
 Concen: 51.605 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016405.D
 Acq: 31 Aug 2020 12:39

Tgt Ion: 95 Resp: 103934
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 152.0
 176 74.7 0.0 145.6

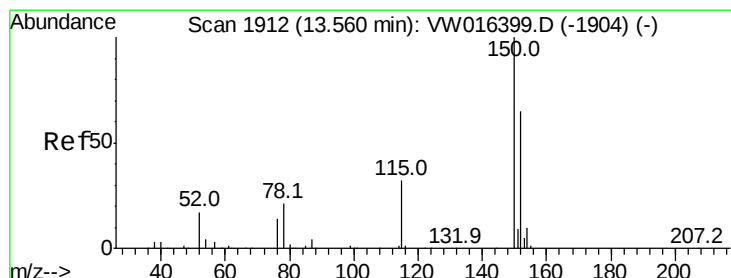
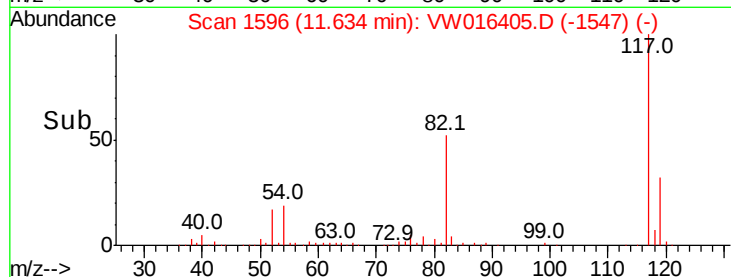
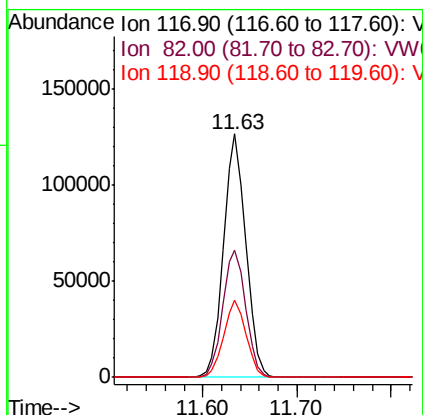
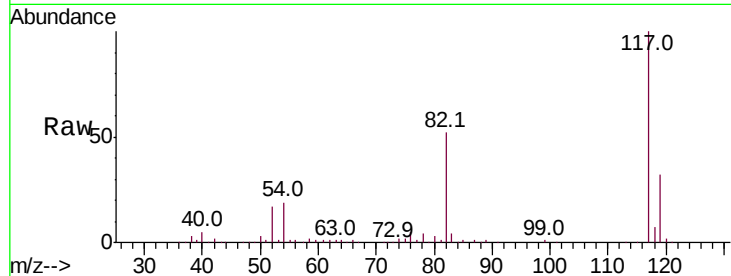




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016405.D
Acq: 31 Aug 2020 12:39

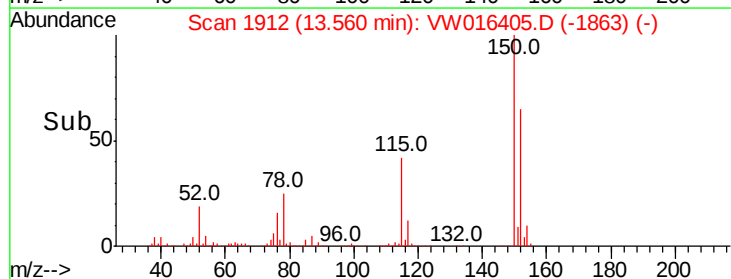
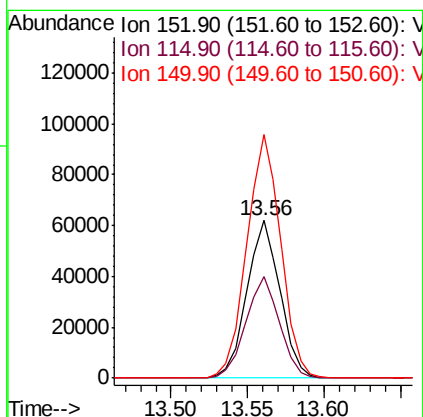
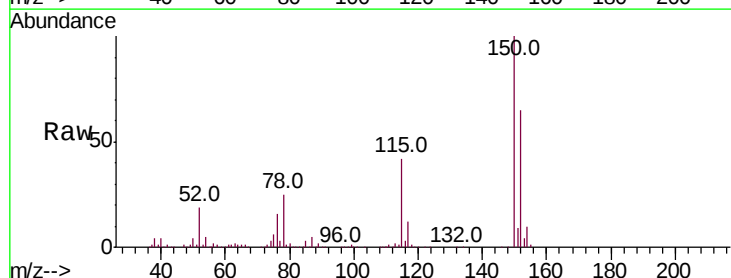
Instrument :
MSVOA_W
ClientSampleId :
VW0831SBL01

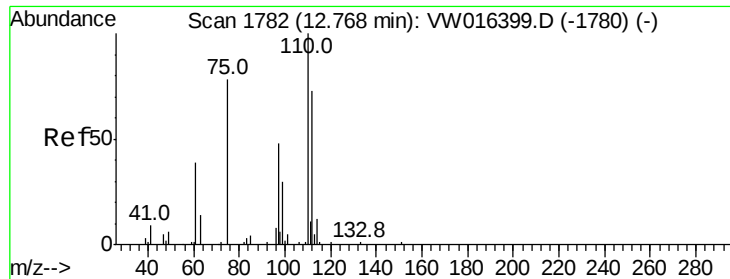
Tot Ion:117 Resp: 207369
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 31.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016405.D
Acq: 31 Aug 2020 12:39

Tgt Ion:152 Resp: 93341
Ion Ratio Lower Upper
152 100
115 65.1 30.9 92.5
150 158.2 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 64.605 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

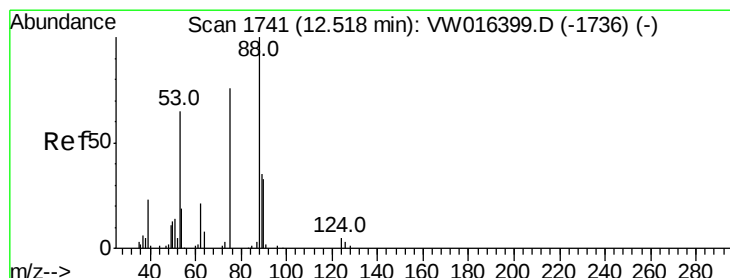
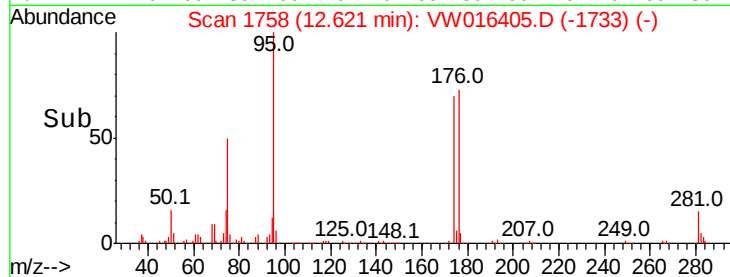
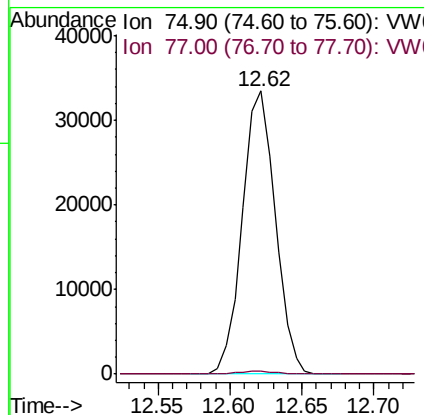
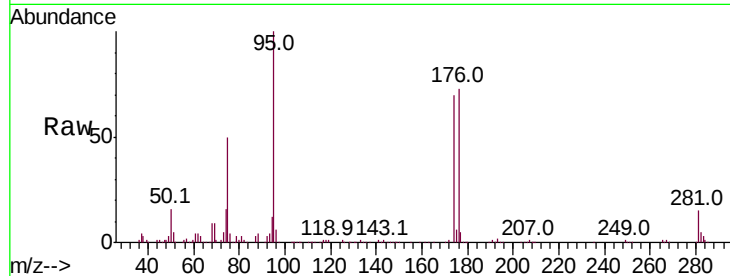
VW0831SBL01

Tot Ion: 75 Resp: 53323

Ion Ratio Lower Upper

75 100

77 1.2 173.4 520.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.434 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016405.D

Acq: 31 Aug 2020 12:39

Tgt Ion: 75 Resp: 53323

Ion Ratio Lower Upper

75 100

53 0.0 75.2 112.8#

89 0.3 40.4 60.6#

