

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006648.D
 Acq On : 05 Nov 2018 20:25
 Operator : SY/AP
 Sample : J5803-05
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS-003

Quant Time: Nov 06 01:59:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

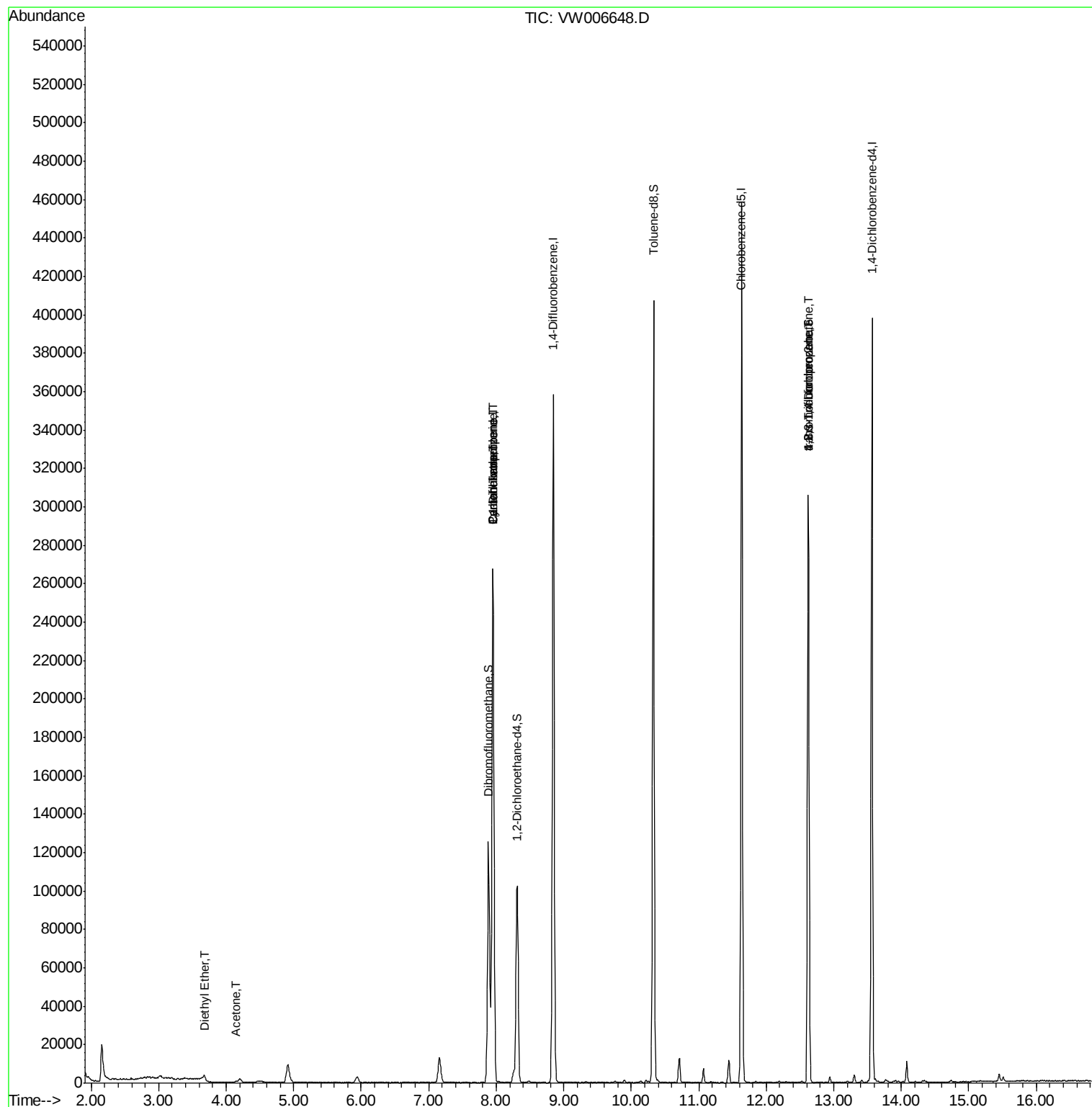
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83580	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	87372	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
50) Toluene-d8	10.33	98	281272	36.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.98%	
62) 4-Bromofluorobenzene	12.62	95	85378	30.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.10%	
Target Compounds						
8) Diethyl Ether	3.68	74	1463	1.523	ug/l #	52
16) Acetone	4.14	43	1659	5.382	ug/l #	86
20) Methylene Chloride	4.91	84	8276	Below Cal		95
31) Cyclohexane	7.95	56	3770	1.240	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	13882	4.893	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18922	6.382	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	42547	45.914	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	42547	115.236	ug/l #	11

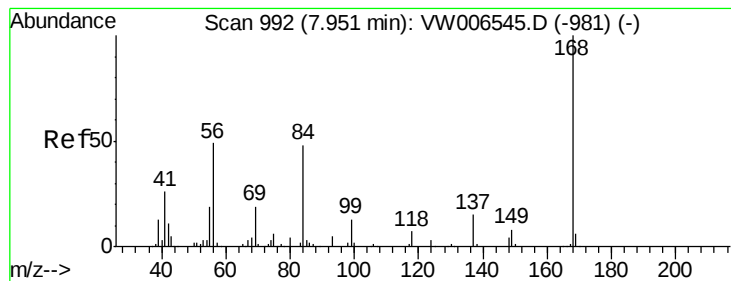
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

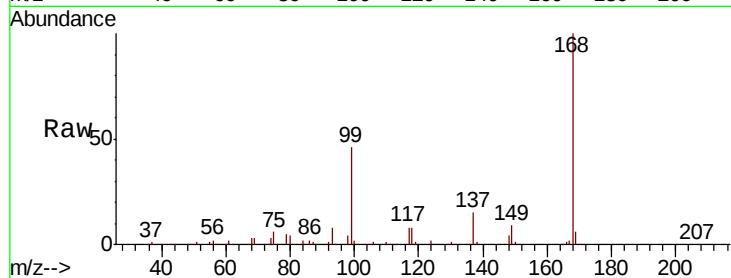
SODUS-TS-003

Tgt Ion:168 Resp: 222127

Ion Ratio Lower Upper

168 100

99 46.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

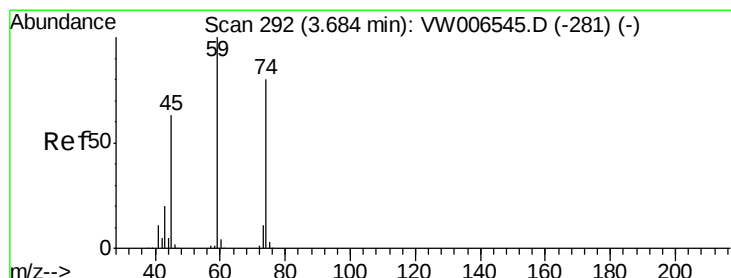
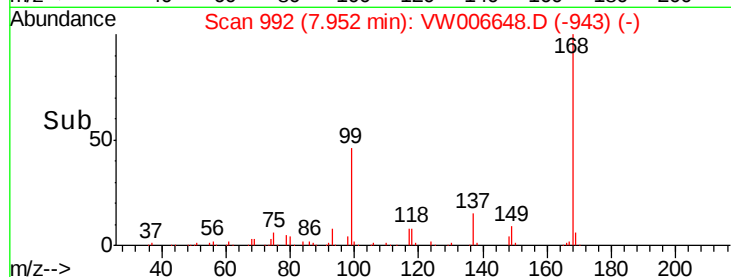
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.523 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006648.D

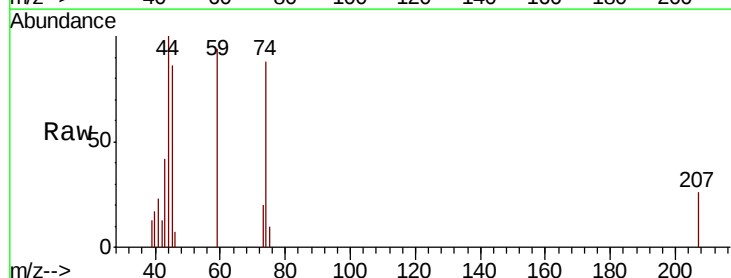
Acq: 05 Nov 2018 20:25

Tgt Ion: 74 Resp: 1463

Ion Ratio Lower Upper

74 100

45 124.9 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

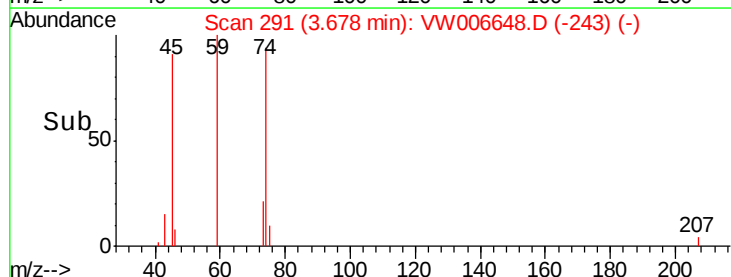
600

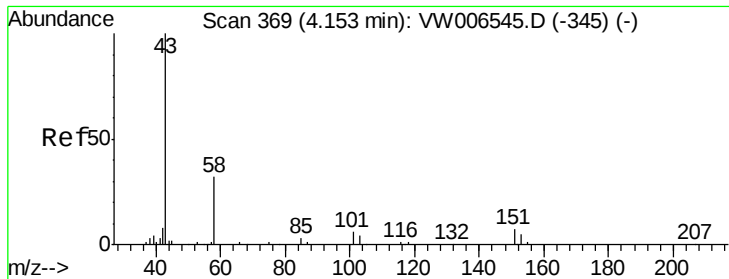
400

200

0

Time-->

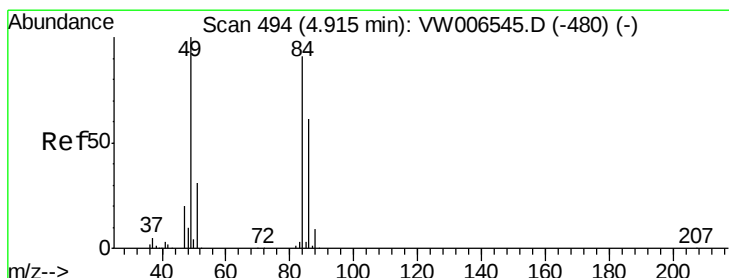
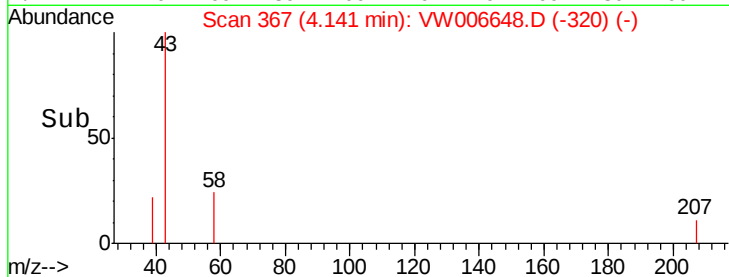
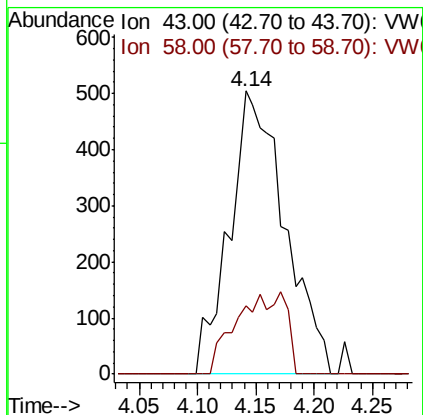
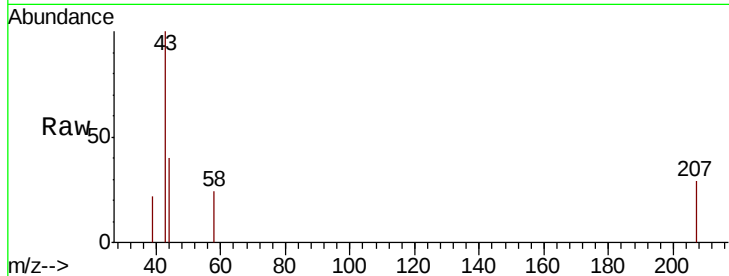




#16
Acetone
Concen: 5.382 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006648.D
Acq: 05 Nov 2018 20:25

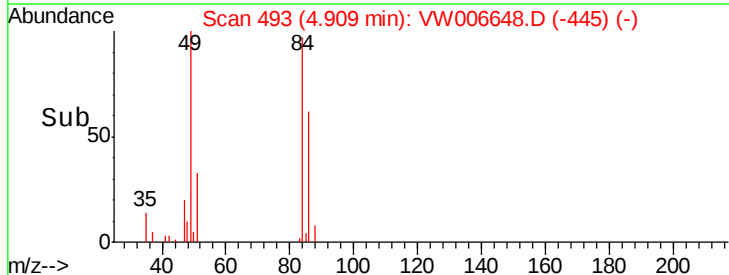
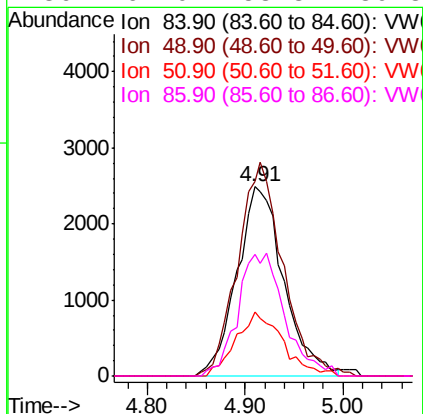
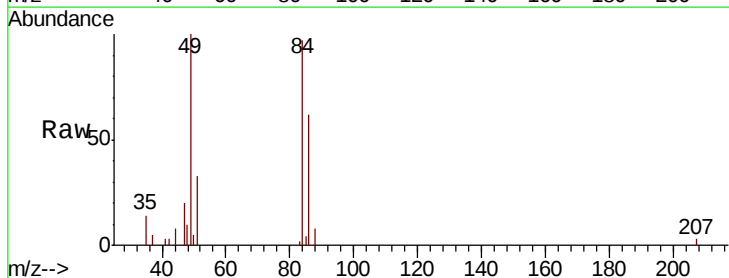
Instrument :
MSVOA_W
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SODUS-TS-003

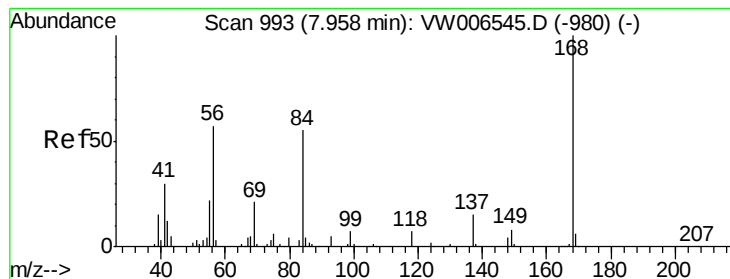
Tgt Ion: 43 Resp: 1659
Ion Ratio Lower Upper
43 100
58 24.2 25.8 38.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006648.D
Acq: 05 Nov 2018 20:25

Tgt Ion: 84 Resp: 8276
Ion Ratio Lower Upper
84 100
49 103.1 88.2 132.4
51 33.6 27.0 40.6
86 64.0 53.8 80.8





#31

Cyclohexane

Concen: 1.240 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS-003

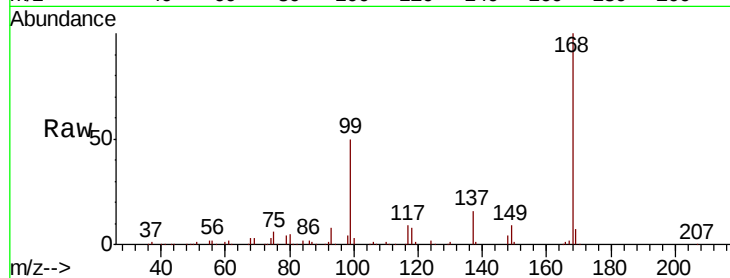
Tgt Ion: 56 Resp: 3770

Ion Ratio Lower Upper

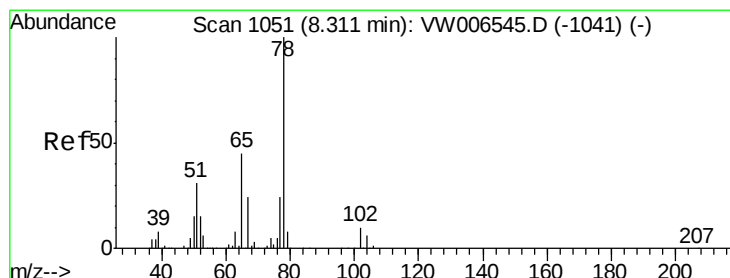
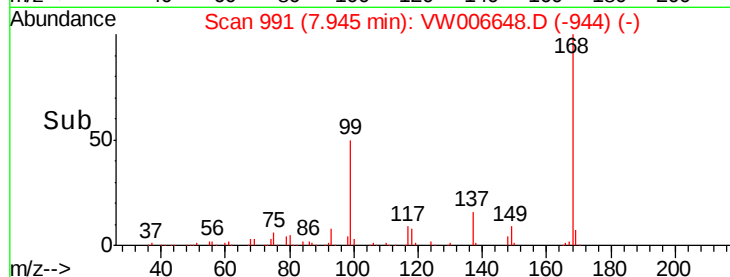
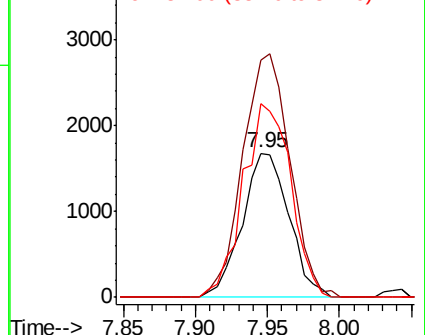
56 100

69 164.2 29.0 43.4#

84 134.6 77.8 116.6#



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



#33

1,2-Dichloroethane-d4

Concen: 43.773 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006648.D

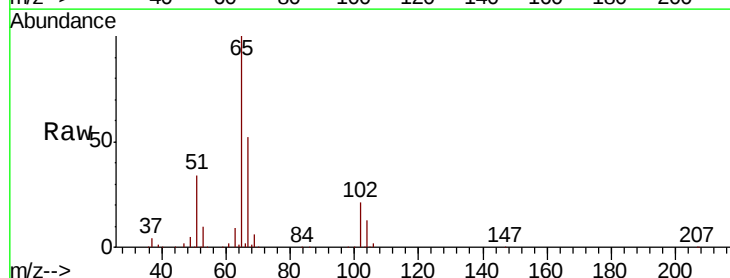
Acq: 05 Nov 2018 20:25

Tgt Ion: 65 Resp: 83580

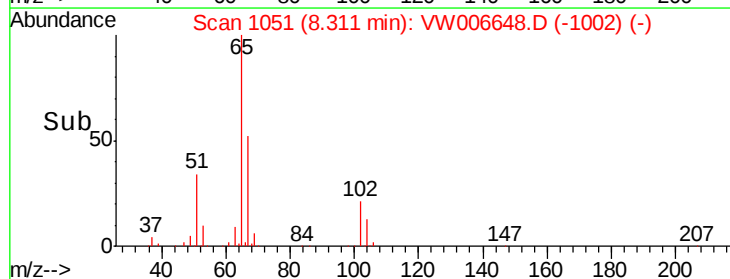
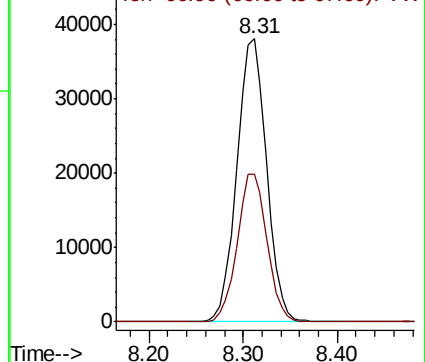
Ion Ratio Lower Upper

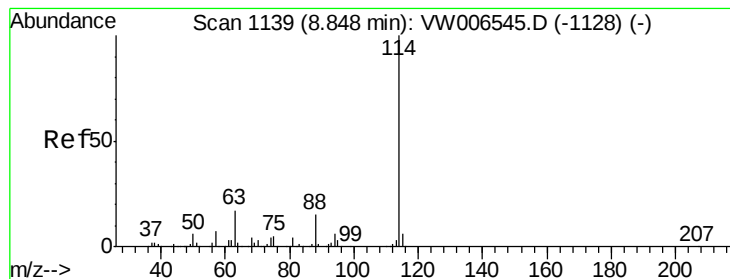
65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS-003

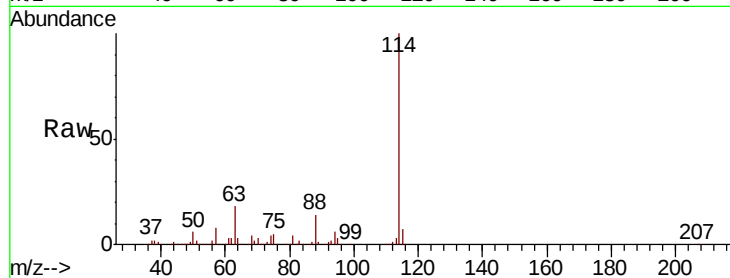
Tgt Ion:114 Resp: 322644

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

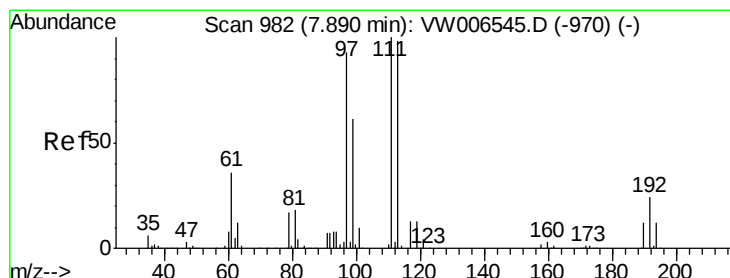
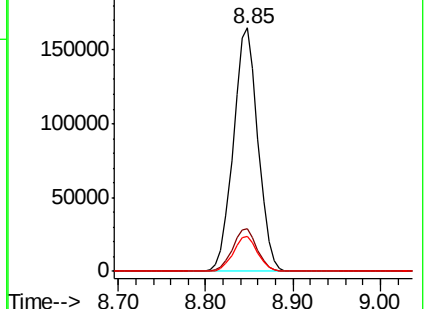
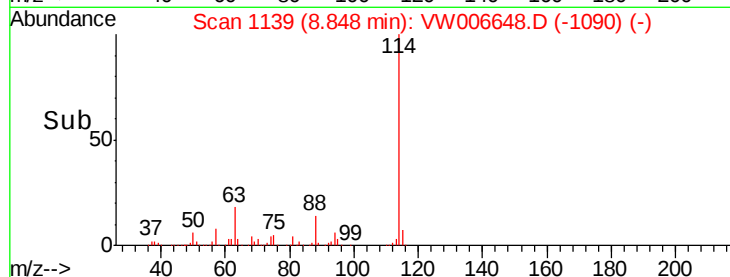
88 14.2 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 43.150 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

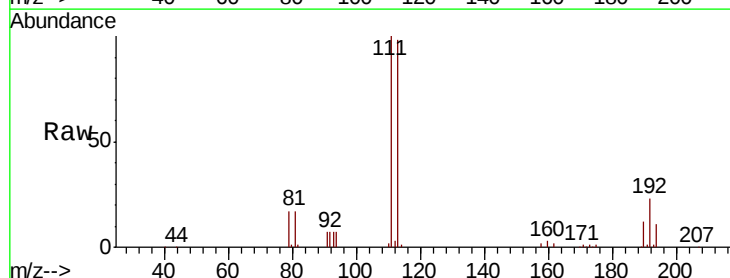
Tgt Ion:113 Resp: 87372

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

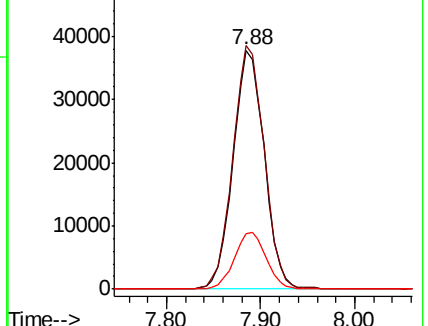
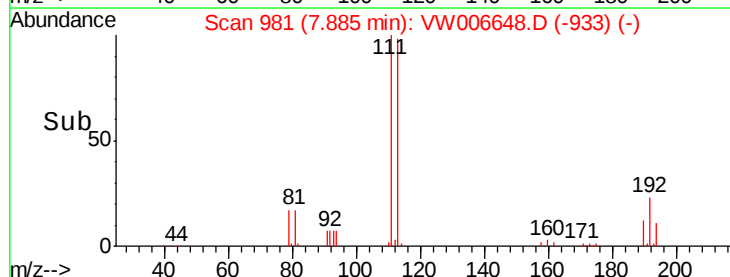
192 24.0 19.0 28.6

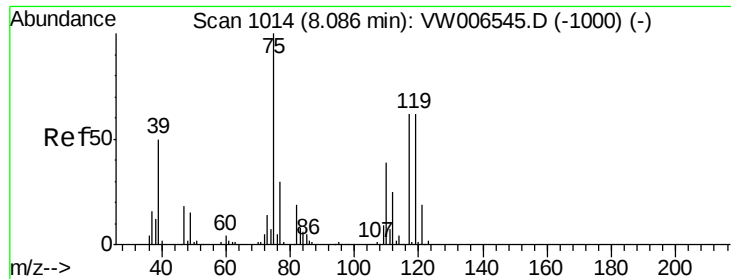


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

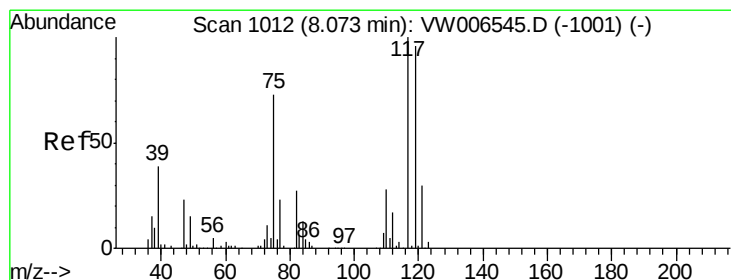
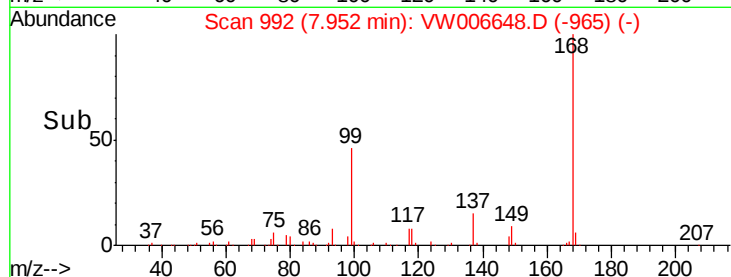
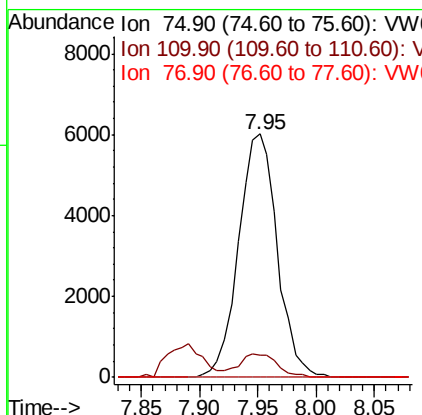
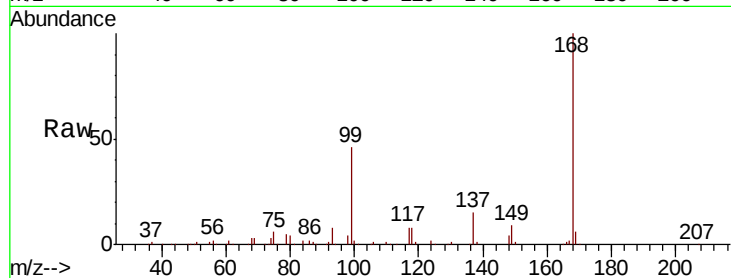




#36
 1,1-Dichloropropene
 Concen: 4.893 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006648.D
 Acq: 05 Nov 2018 20:25

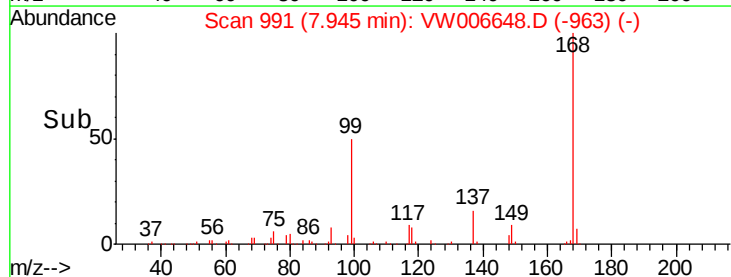
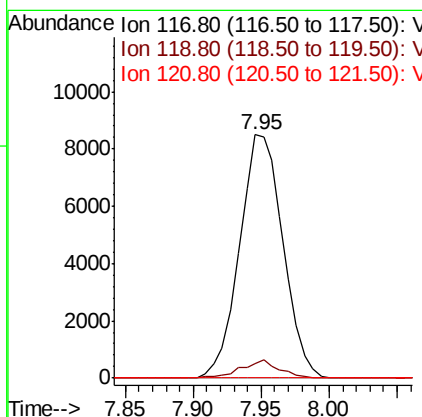
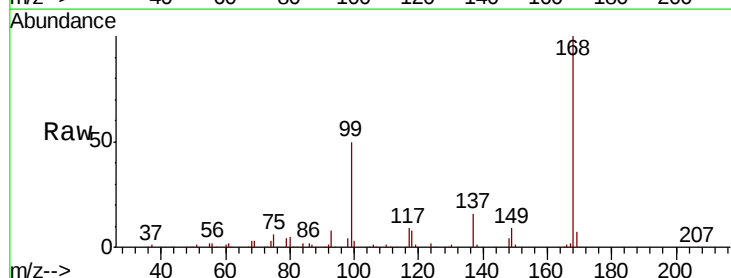
Instrument :
 MSVOA_W
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 SODUS-TS-003

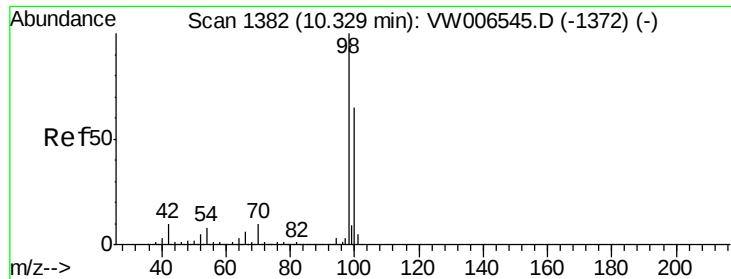
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.382 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006648.D
 Acq: 05 Nov 2018 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 36.490 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

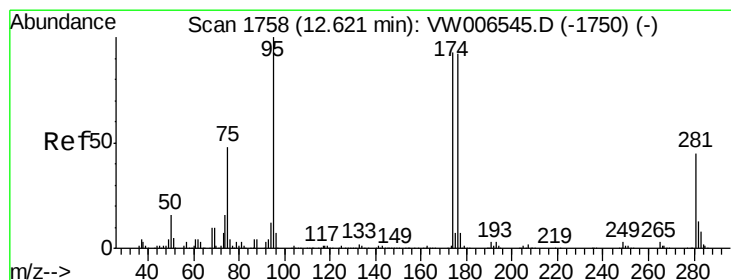
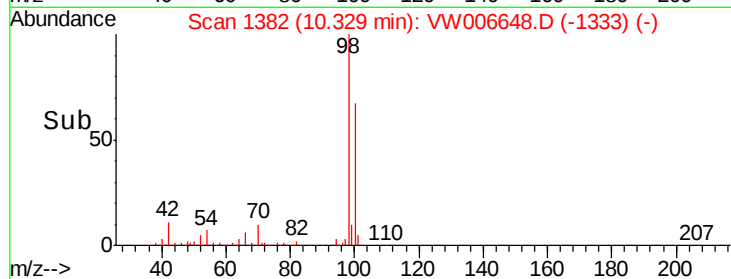
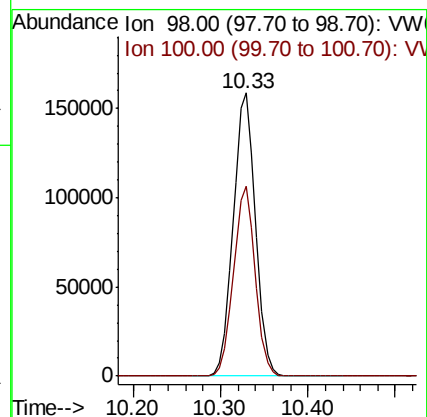
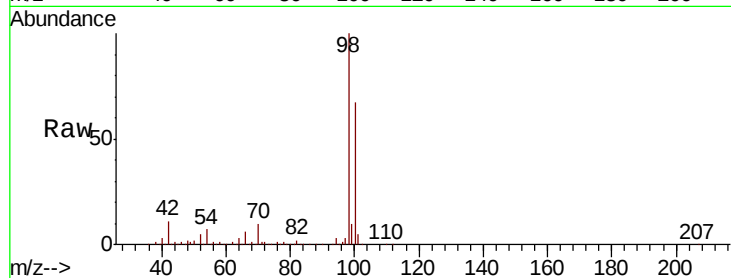
SODUS-TS-003

Tgt Ion: 98 Resp: 281272

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 30.552 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006648.D

Acq: 05 Nov 2018 20:25

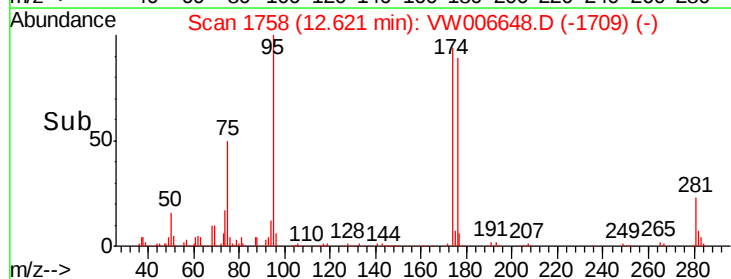
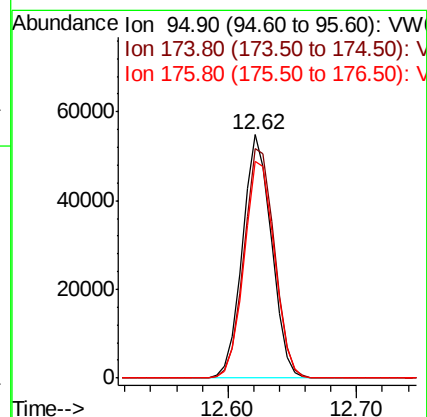
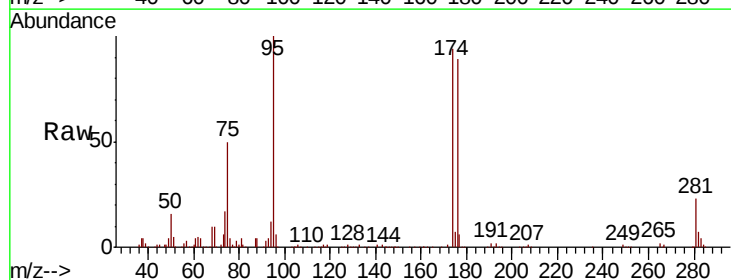
Tgt Ion: 95 Resp: 85378

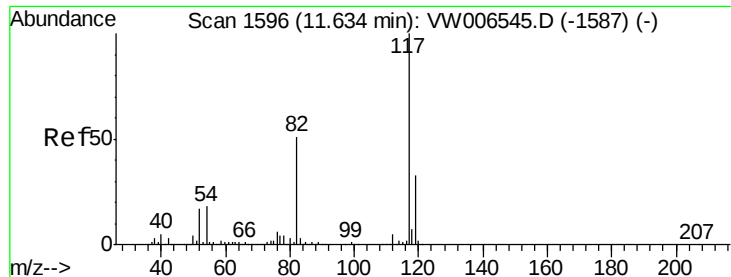
Ion Ratio Lower Upper

95 100

174 98.9 0.0 192.4

176 93.5 0.0 187.4

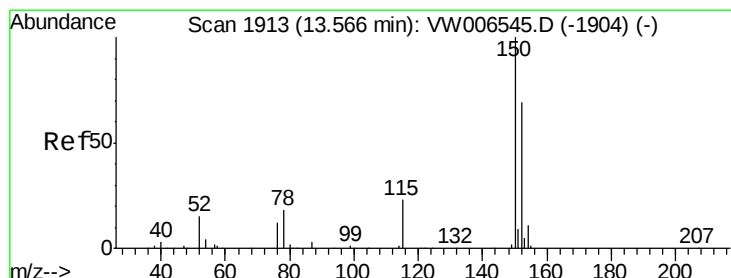
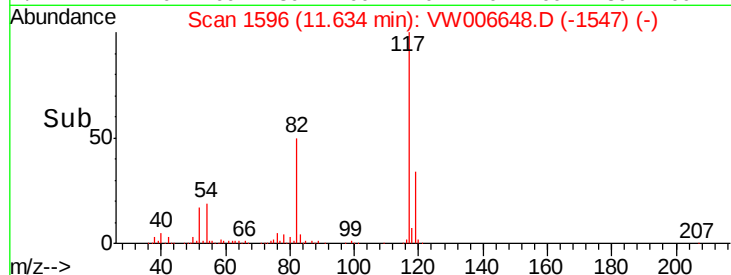
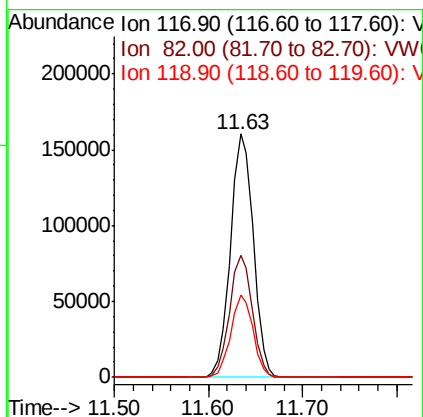
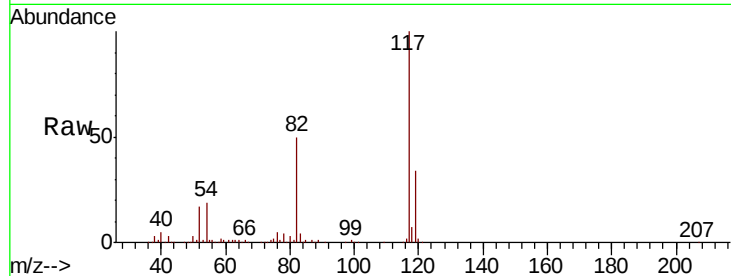




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006648.D
Acq: 05 Nov 2018 20:25

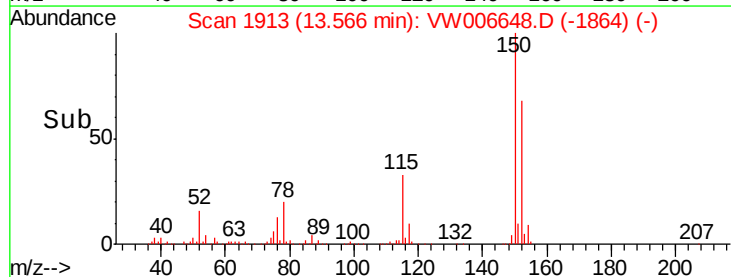
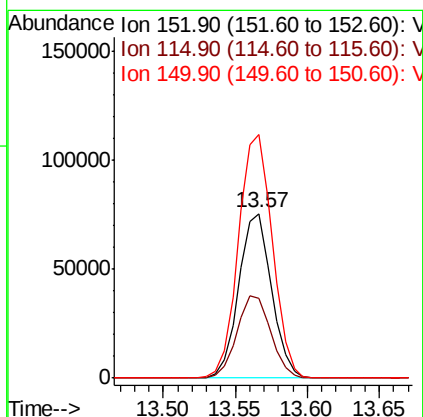
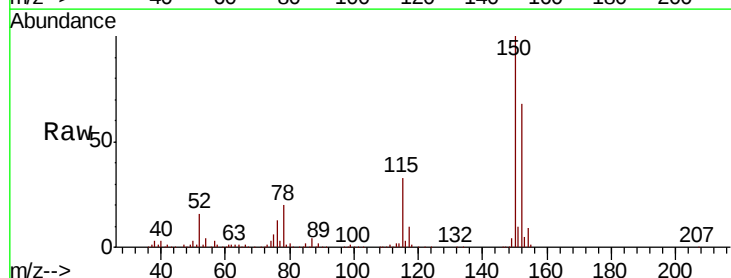
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-003

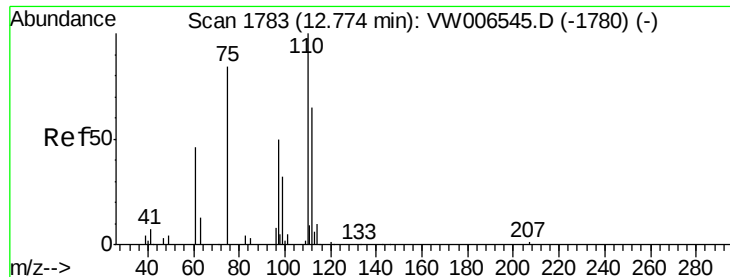
Tgt Ion:117 Resp: 269845
Ion Ratio Lower Upper
117 100
82 50.1 40.8 61.2
119 33.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006648.D
Acq: 05 Nov 2018 20:25

Tgt Ion:152 Resp: 118770
Ion Ratio Lower Upper
152 100
115 52.1 26.6 79.8
150 153.4 0.0 344.6

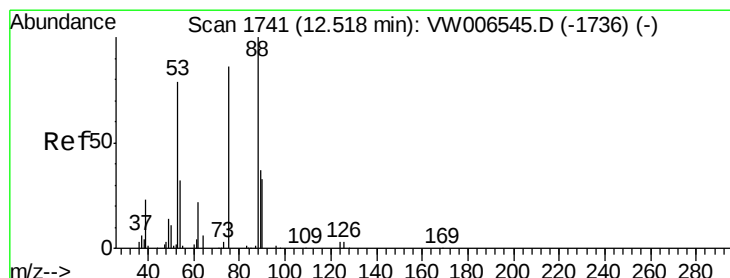
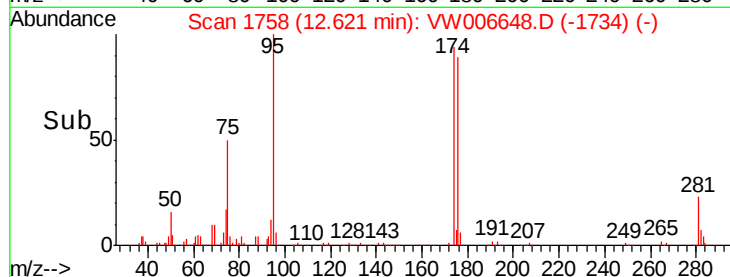
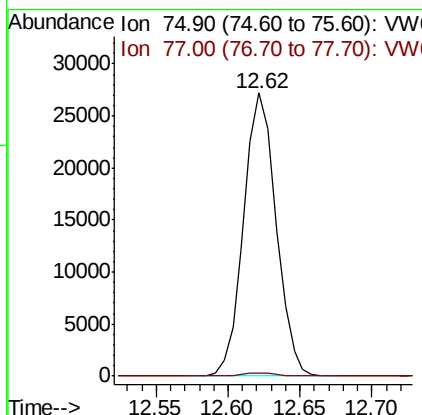
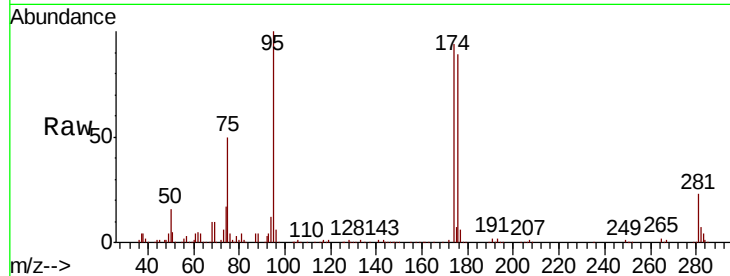




#76
 1,2,3-Trichloropropane
 Concen: 45.914 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006648.D
 Acq: 05 Nov 2018 20:25

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS-003

Tgt Ion: 75 Resp: 42547
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.236 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006648.D
 Acq: 05 Nov 2018 20:25

Tgt Ion: 75 Resp: 42547
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.1 38.6 58.0#

