

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006649.D
 Acq On : 05 Nov 2018 20:51
 Operator : SY/AP
 Sample : J5803-06
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS-004

Quant Time: Nov 06 01:59:35 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

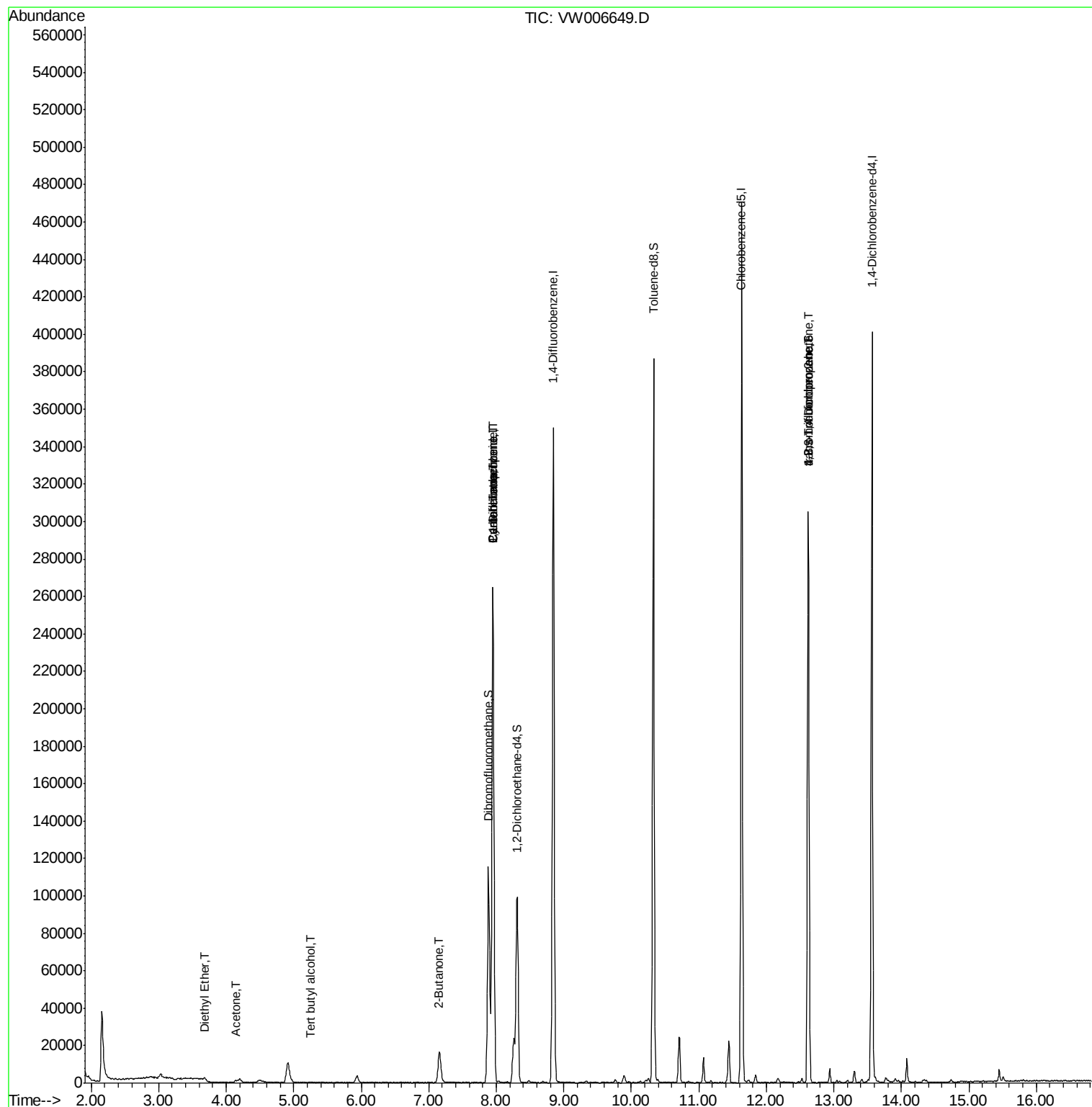
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	80164	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	7.88	113	82424	41.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.50%	
50) Toluene-d8	10.33	98	267445	35.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.32%	
62) 4-Bromofluorobenzene	12.62	95	79911	28.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.96%	
Target Compounds						
8) Diethyl Ether	3.68	74	1243	1.332	ug/l #	43
11) Tert butyl alcohol	5.24	59	521	5.210	ug/l #	84
16) Acetone	4.15	43	2463	8.219	ug/l	95
20) Methylene Chloride	4.91	84	9674	Below Cal		96
25) 2-Butanone	7.15	43	491	1.148	ug/l #	46
31) Cyclohexane	7.95	56	4213	1.425	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	13368	4.774	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18701	6.391	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	39880	44.280	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39880	111.230	ug/l #	11

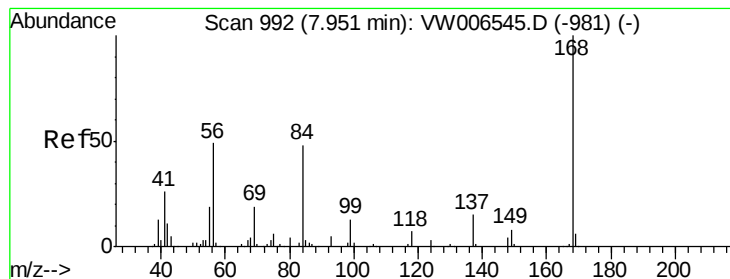
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006649.D

Acq: 05 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

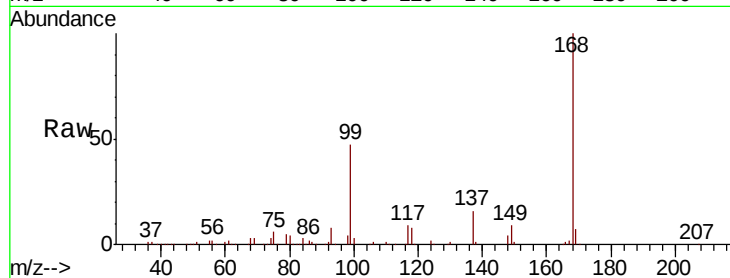
SODUS-TS-004

Tgt Ion:168 Resp: 215933

Ion Ratio Lower Upper

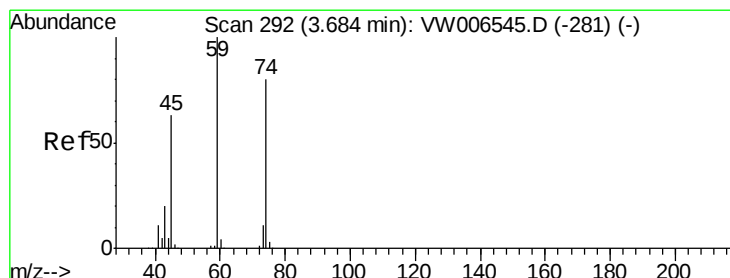
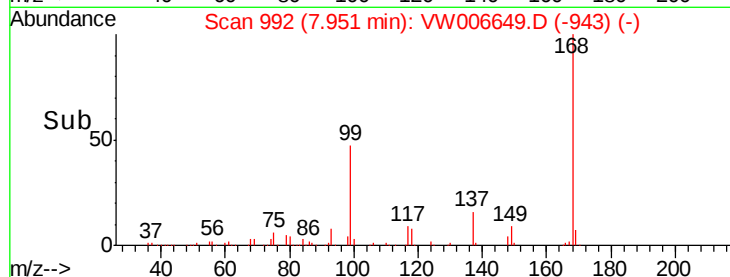
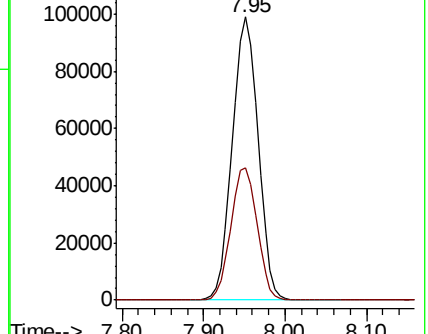
168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.332 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006649.D

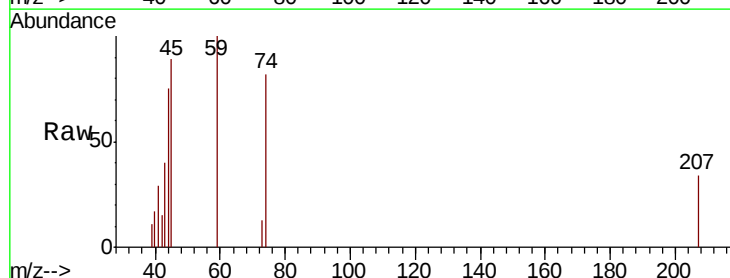
Acq: 05 Nov 2018 20:51

Tgt Ion: 74 Resp: 1243

Ion Ratio Lower Upper

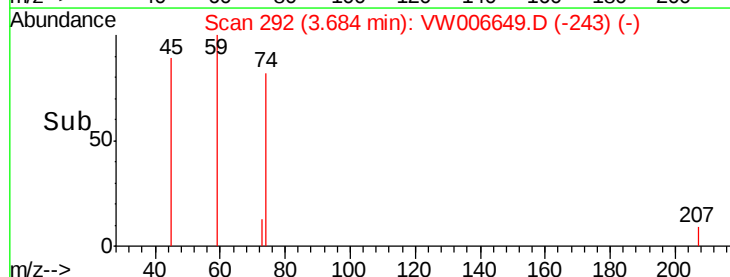
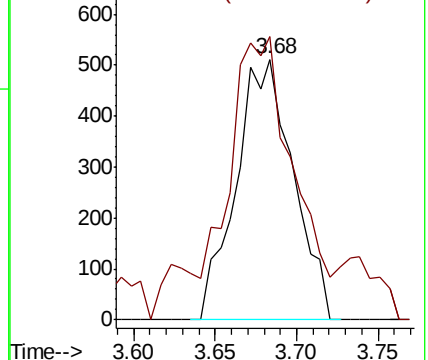
74 100

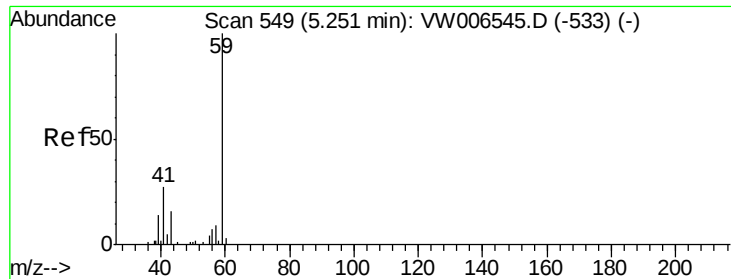
45 133.2 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

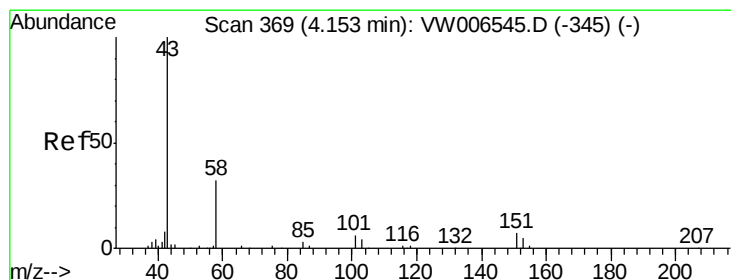
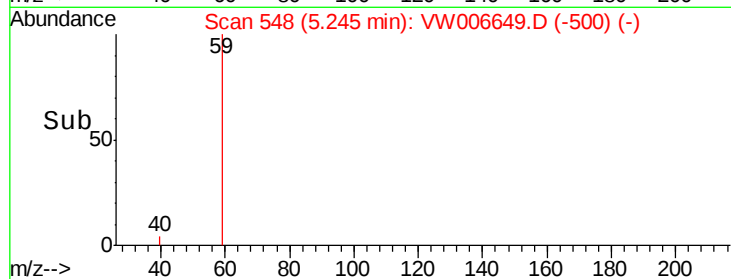
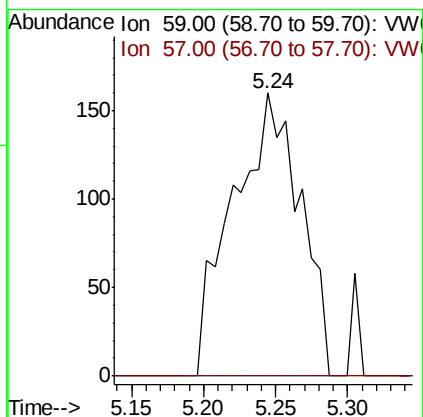
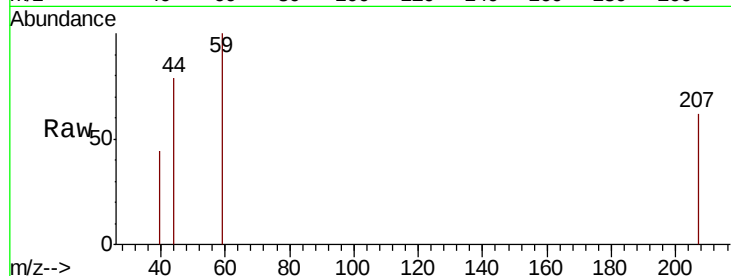




#11
Tert butyl alcohol
Concen: 5.210 ug/l
RT: 5.24 min Scan# 548
Delta R.T. -0.01 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

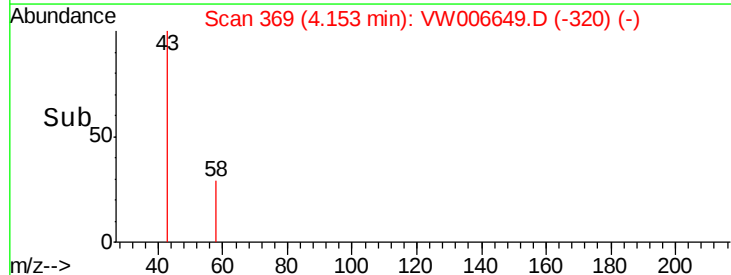
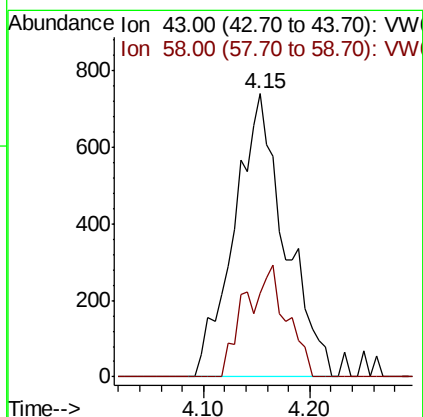
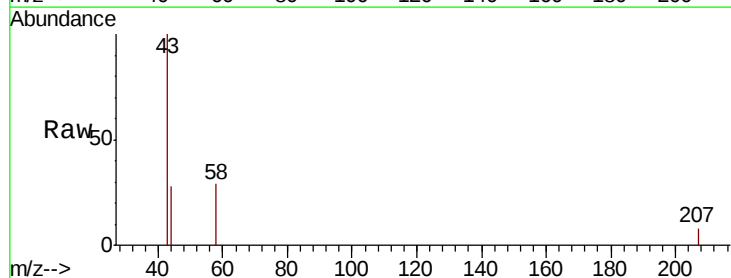
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-004

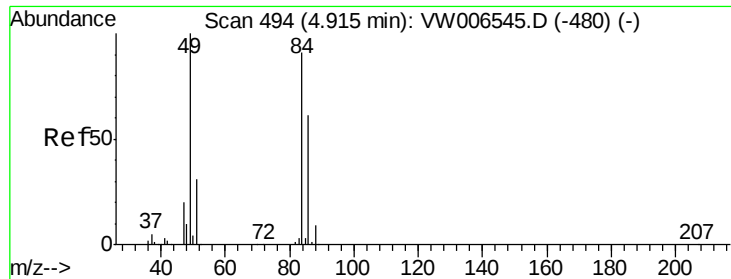
Tgt Ion: 59 Resp: 521
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 8.219 ug/l
RT: 4.15 min Scan# 369
Delta R.T. -0.00 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
58 29.5 25.8 38.8

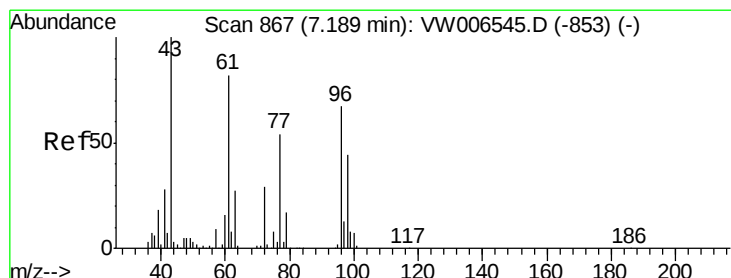
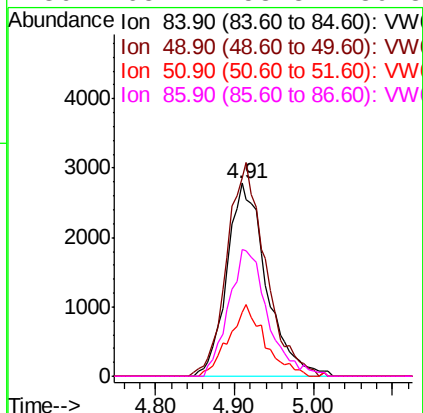
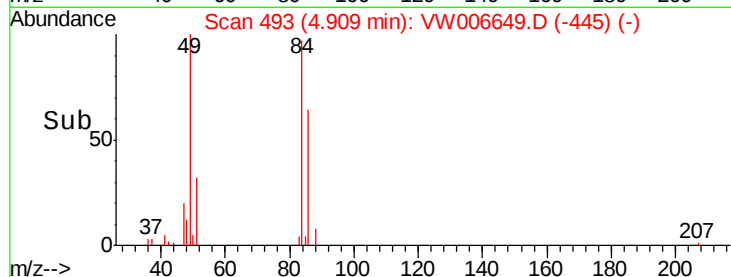
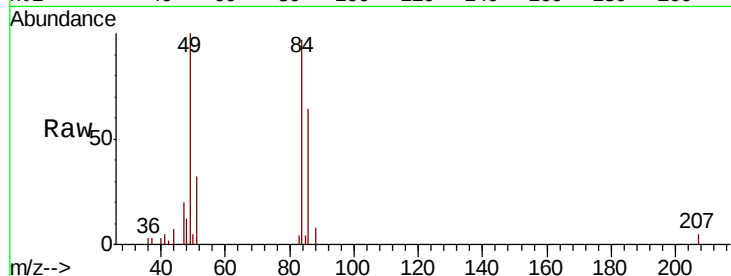




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

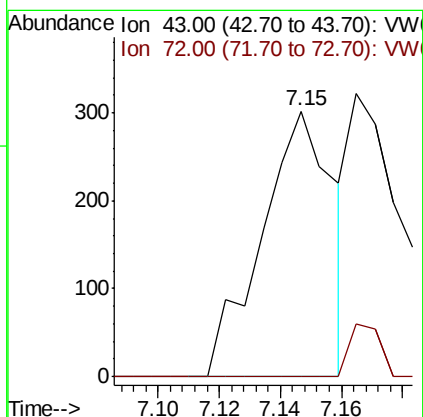
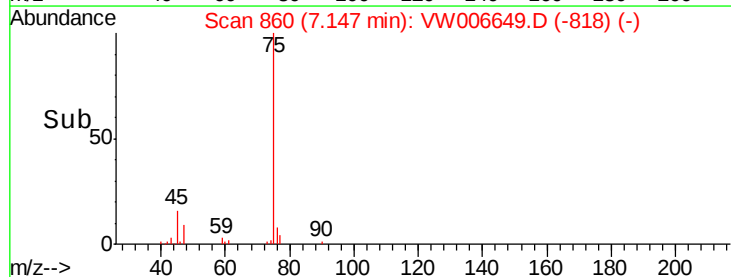
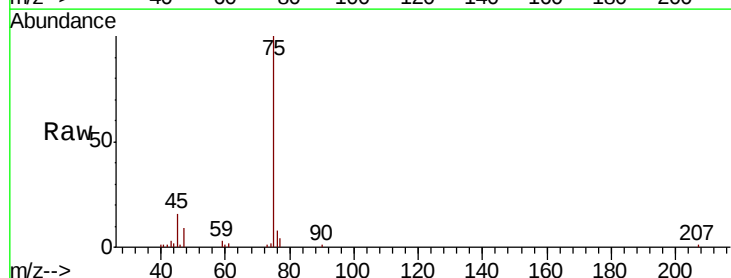
Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-004

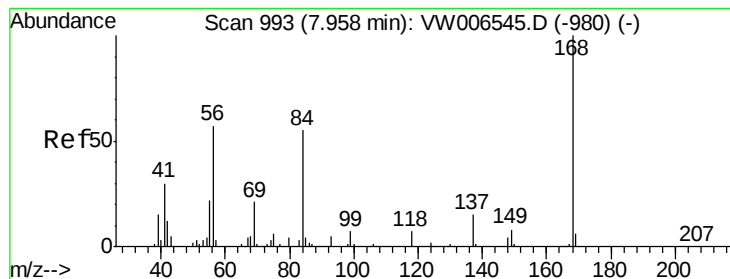
Tgt Ion: 84 Resp: 9674
Ion Ratio Lower Upper
84 100
49 103.0 88.2 132.4
51 33.3 27.0 40.6
86 65.7 53.8 80.8



#25
2-Butanone
Concen: 1.148 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#





#31

Cyclohexane

Concen: 1.425 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006649.D

Acq: 05 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

SODUS-TS-004

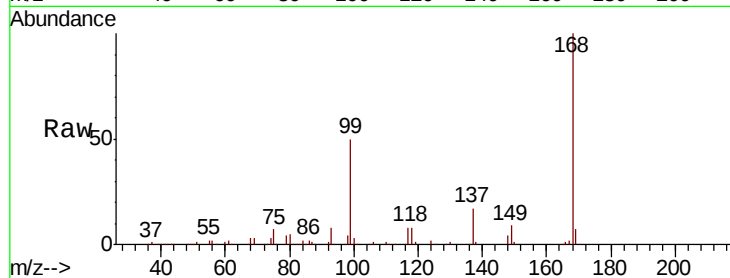
Tgt Ion: 56 Resp: 4213

Ion Ratio Lower Upper

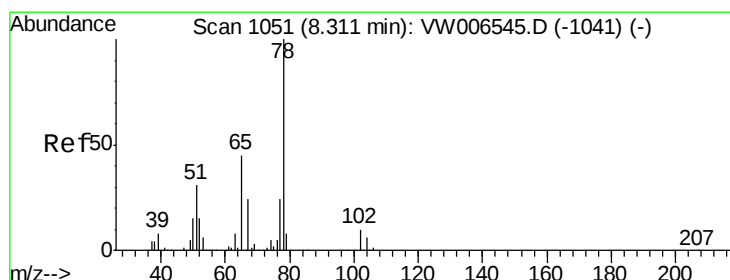
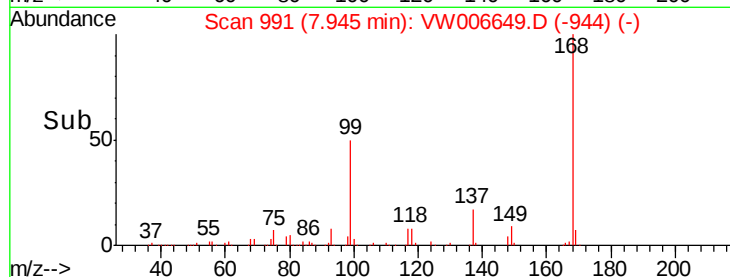
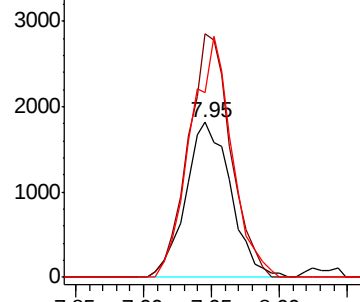
56 100

69 156.8 29.0 43.4#

84 118.6 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: 43.188 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006649.D

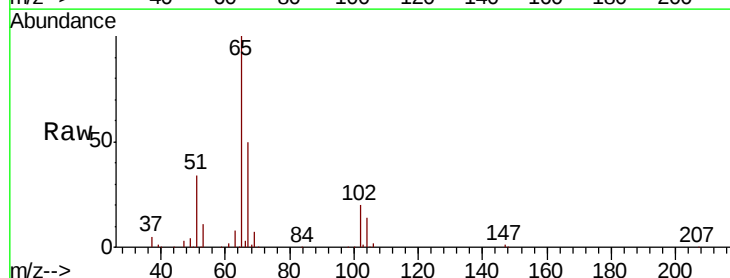
Acq: 05 Nov 2018 20:51

Tgt Ion: 65 Resp: 80164

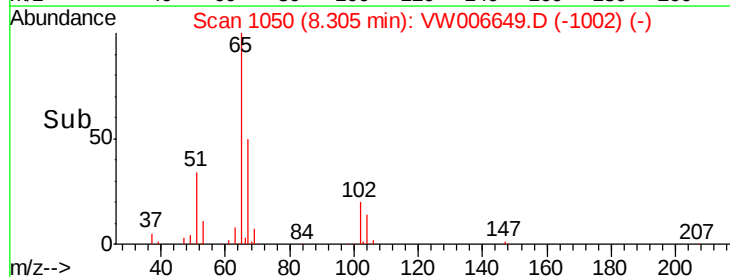
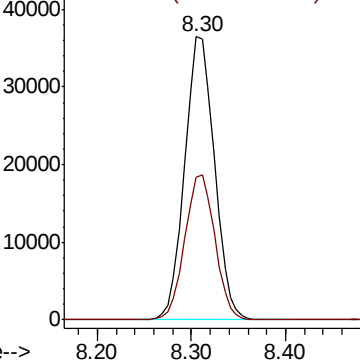
Ion Ratio Lower Upper

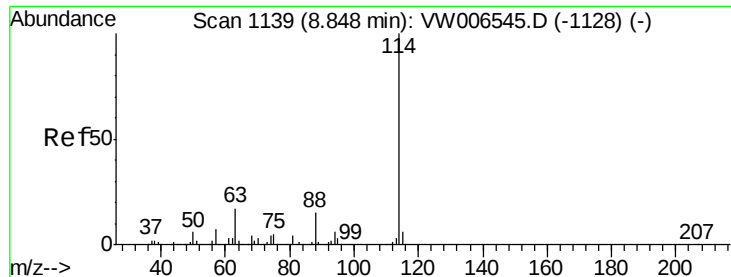
65 100

67 51.9 0.0 104.4



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

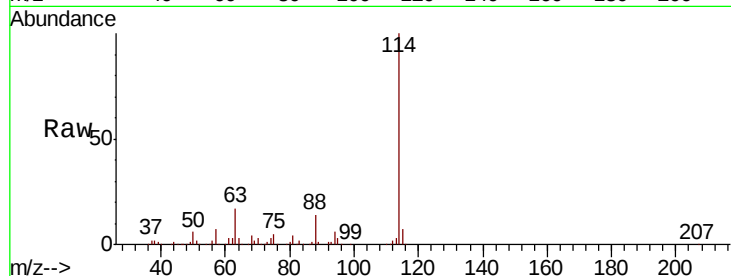




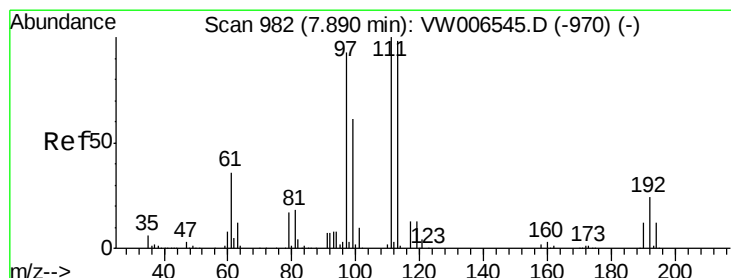
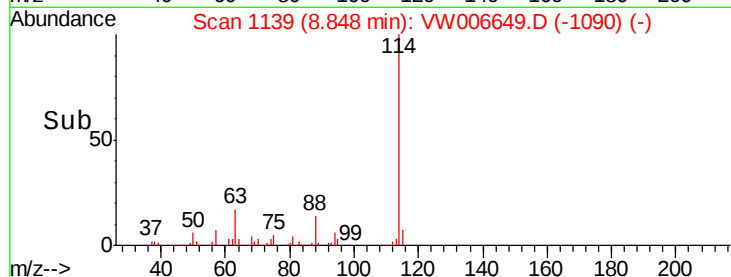
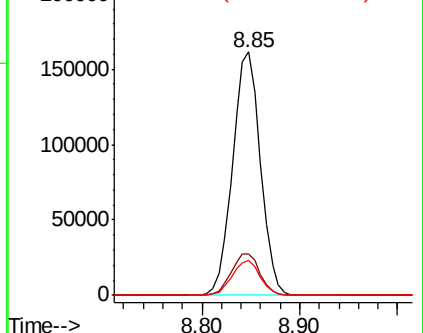
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006649.D
 Acq: 05 Nov 2018 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 SODUS-TS-004

Tgt Ion:114 Resp: 318418
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.4
 88 14.2 0.0 29.0

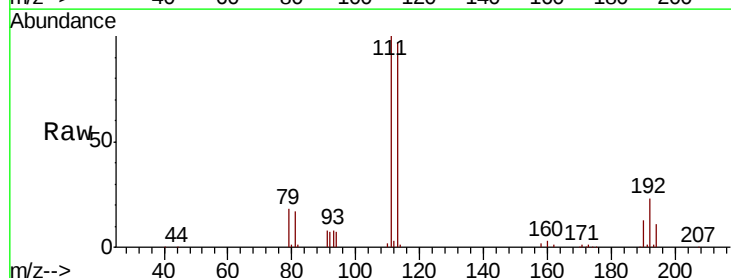


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

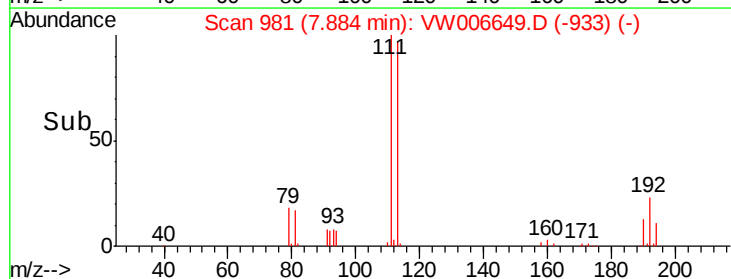
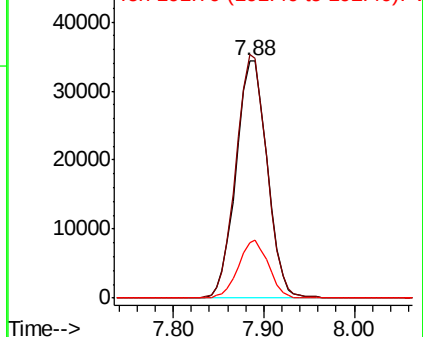


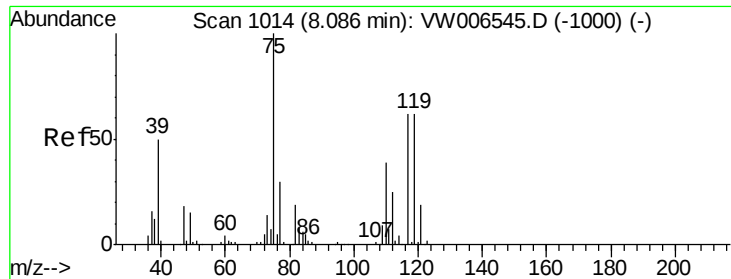
#35
 Dibromofluoromethane
 Concen: 41.247 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006649.D
 Acq: 05 Nov 2018 20:51

Tgt Ion:113 Resp: 82424
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.2
 192 23.4 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

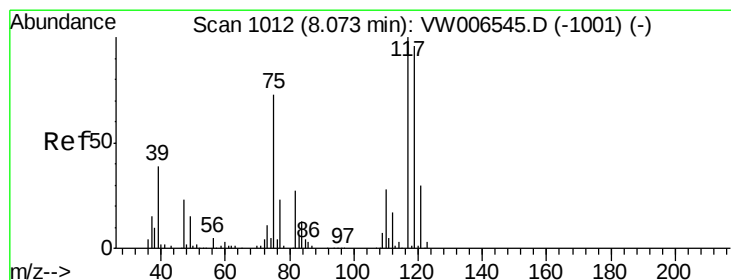
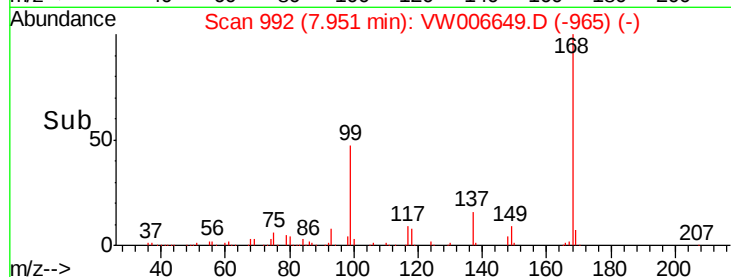
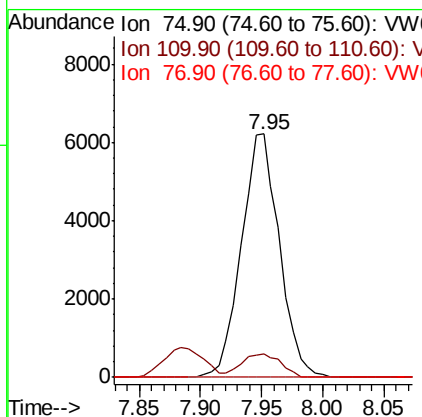
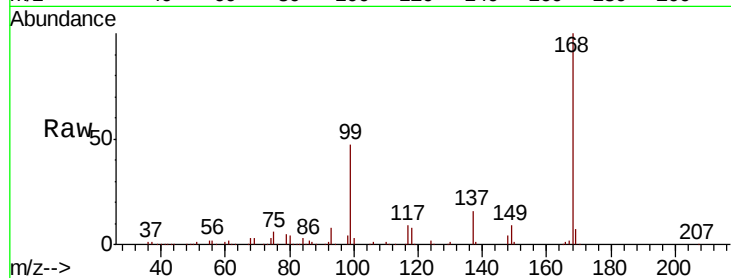




#36
 1,1-Dichloropropene
 Concen: 4.774 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006649.D
 Acq: 05 Nov 2018 20:51

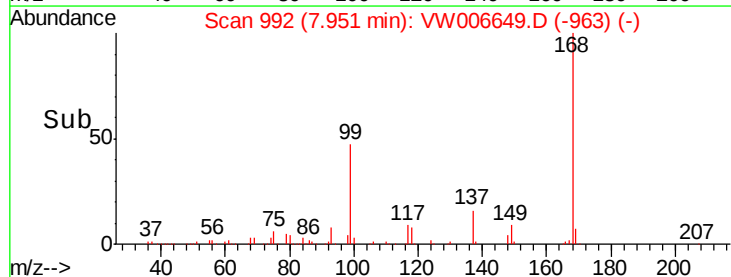
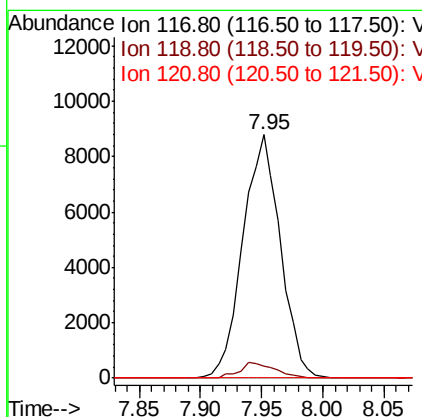
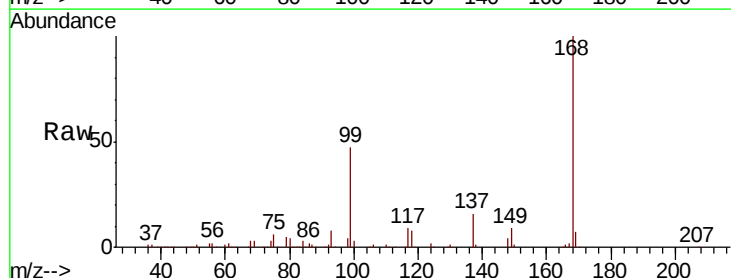
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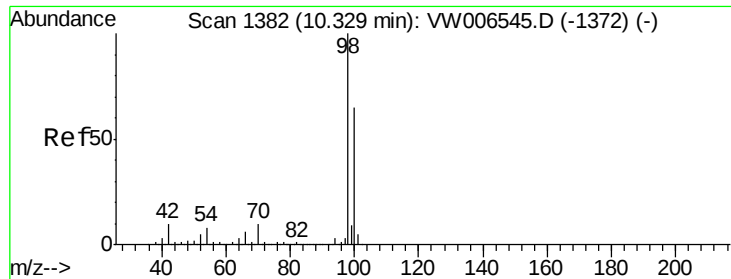
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.391 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006649.D
 Acq: 05 Nov 2018 20:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.3	114.5#
121	0.0	24.1	36.1#

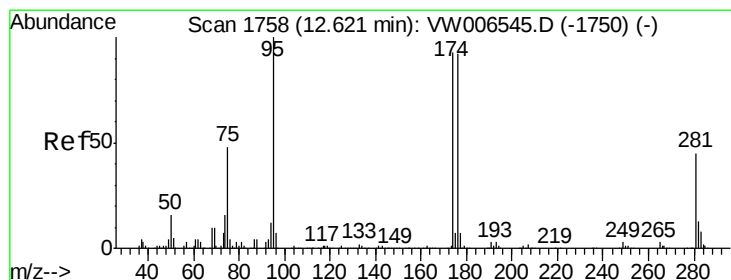
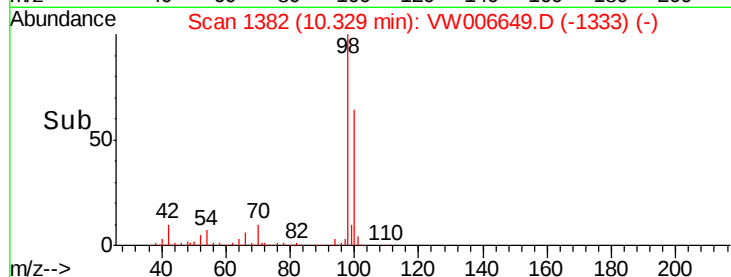
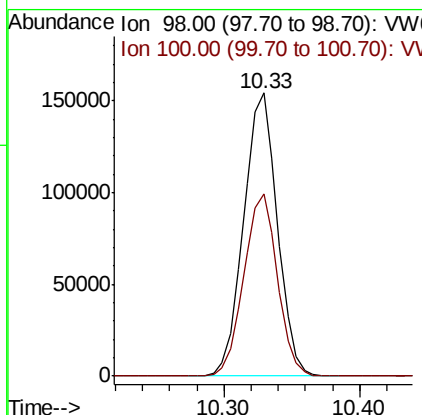
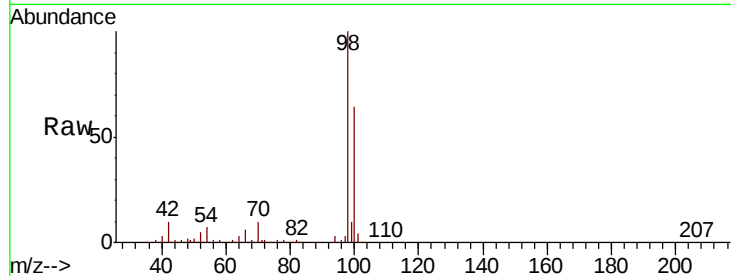




#50
Toluene-d8
Concen: 35.157 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

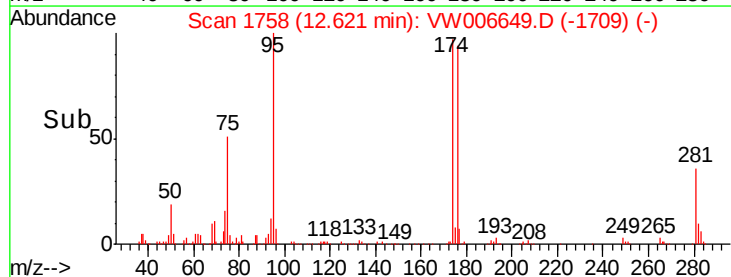
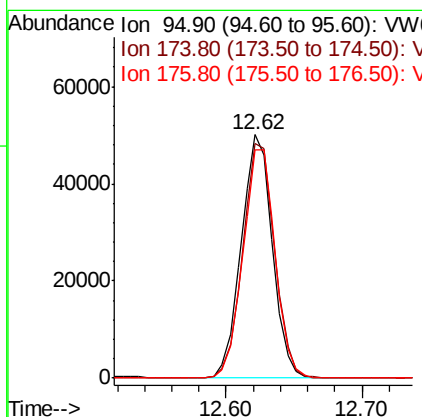
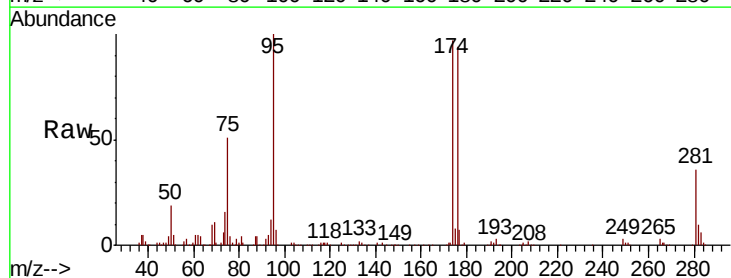
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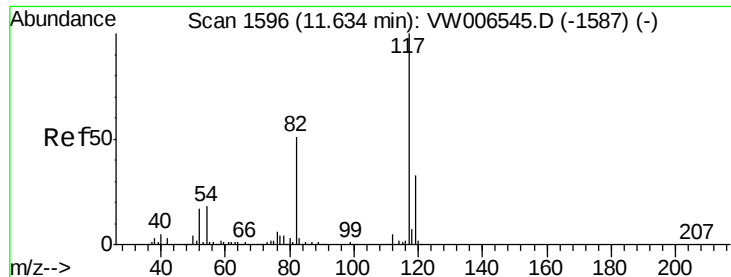
Tgt Ion: 98 Resp: 267445
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 28.975 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

Tgt Ion: 95 Resp: 79911
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 97.3 0.0 187.4

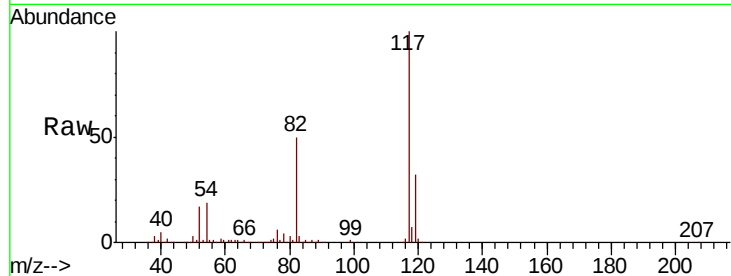




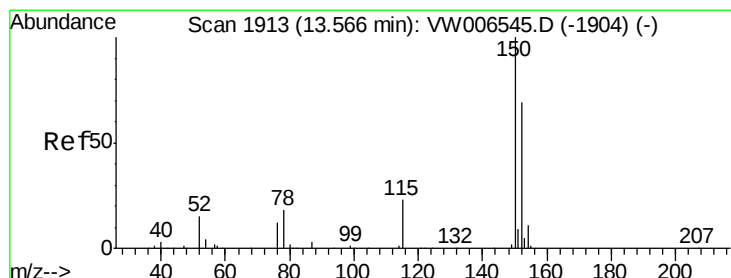
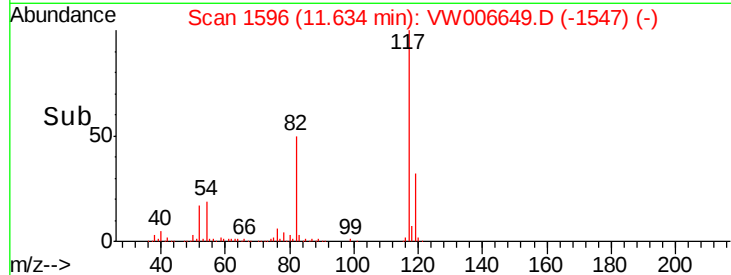
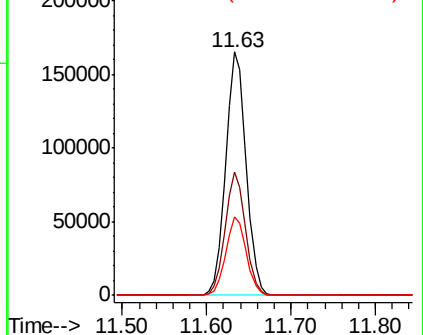
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

Instrument :
MSVOA_W
ClientSampleId :
SODUS-TS-004

Tgt Ion:117 Resp: 274466
Ion Ratio Lower Upper
117 100
82 50.5 40.8 61.2
119 32.2 26.1 39.1

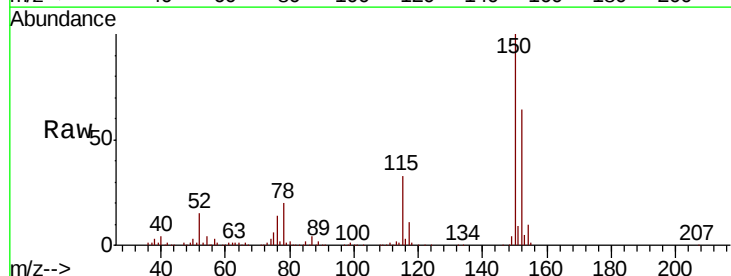


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

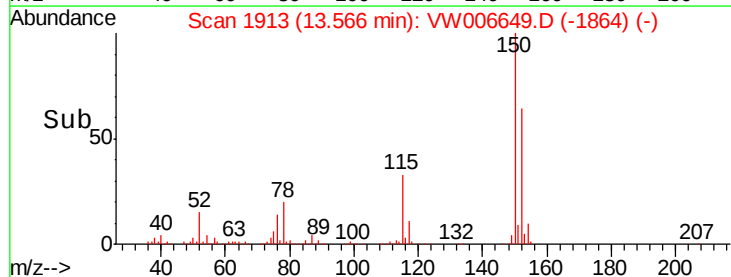
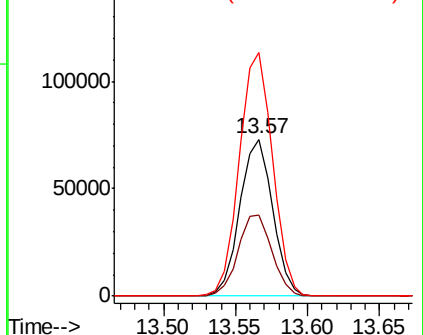


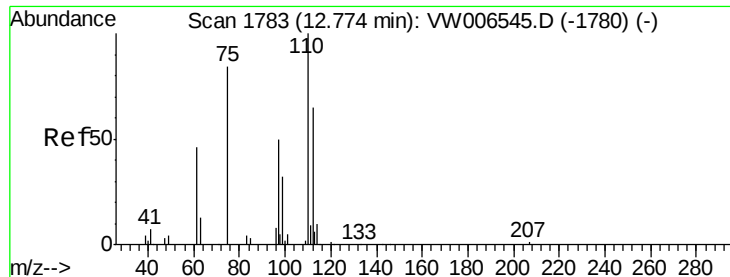
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006649.D
Acq: 05 Nov 2018 20:51

Tgt Ion:152 Resp: 115433
Ion Ratio Lower Upper
152 100
115 53.3 26.6 79.8
150 157.7 0.0 344.6



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





#76

1,2,3-Trichloropropane

Concen: 44.280 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006649.D

Acq: 05 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

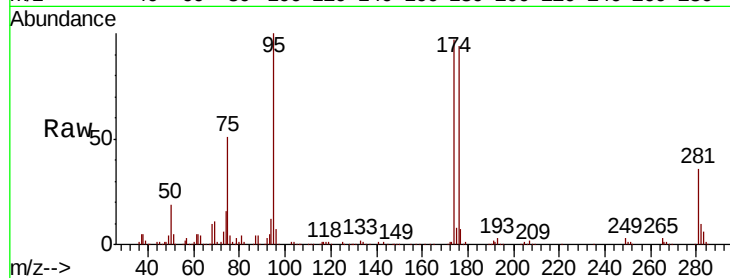
SODUS-TS-004

Tgt Ion: 75 Resp: 39880

Ion Ratio Lower Upper

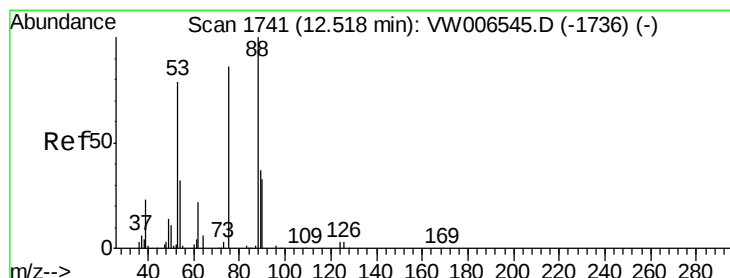
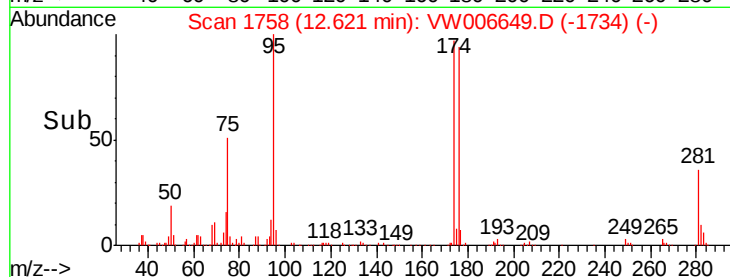
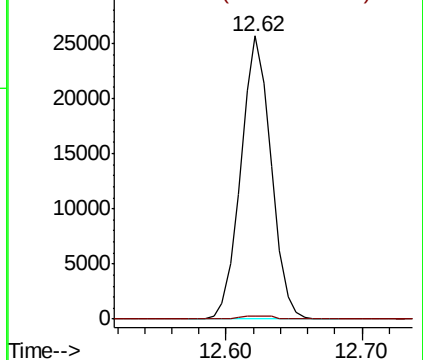
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 111.230 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006649.D

Acq: 05 Nov 2018 20:51

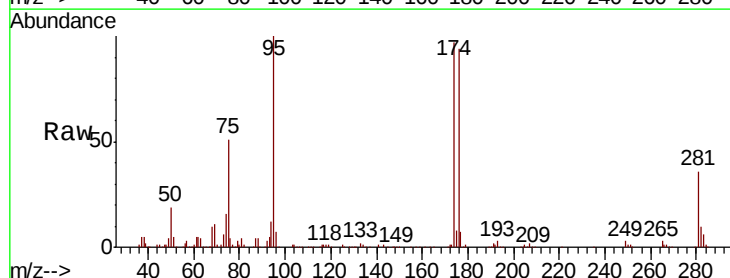
Tgt Ion: 75 Resp: 39880

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.2 38.6 58.0#



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

