

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023300.D
 Acq On : 09 Nov 2021 13:57
 Operator : SY/MD
 Sample : M4534-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

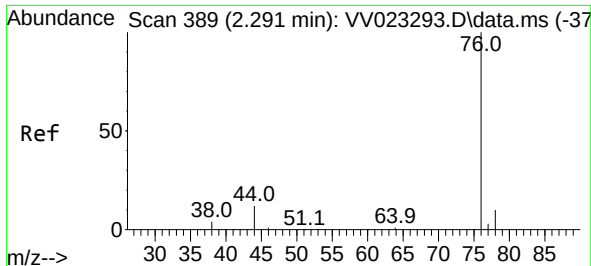
Instrument :
 MSVOA_V
 ClientSampleId :
 GB8E5

Quant Time: Nov 10 00:42:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 10 00:38:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	136708	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32622	3.809	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.568	69	28961	4.149	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.111	63	47772	2.980	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.600%#	
20) 2-Butanone-d5	3.889	46	87921	59.589	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.180%	
24) Chloroform-d	4.352	84	77771	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.037	65	37467	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.053	84	144952	4.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.072	67	47271	4.599	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.320	98	120832	3.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15630	4.010	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.092	63	62318	43.460	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33439	4.524	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51219	4.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.298	76	1765	0.057	ug/L #	88
42) Toluene	7.397	91	10551	0.259	ug/L	84
51) Chlorobenzene	8.882	112	280214	10.363	ug/L	98
52) Ethylbenzene	9.024	91	4426	0.103	ug/L	88
53) m,p-xylene	9.143	106	5148	0.306	ug/L	83
54) o-xylene	9.551	106	1962	0.124	ug/L	91
63) 1,2,4-Trimethylbenzene	10.921	105	4203	0.133	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	3492	0.178	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	25629	1.280	ug/L	97

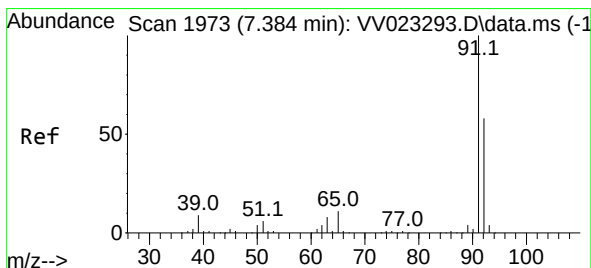
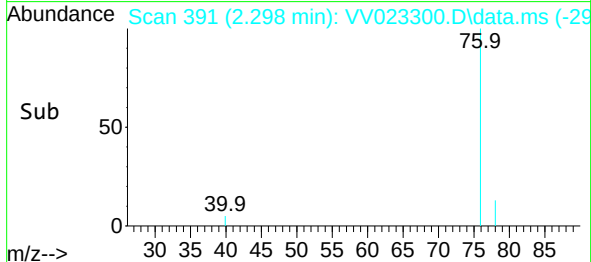
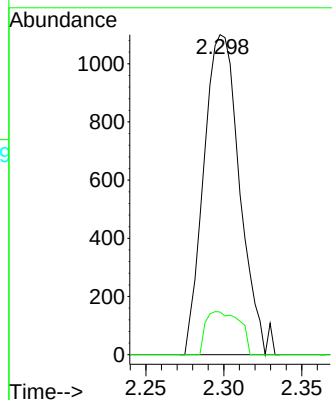
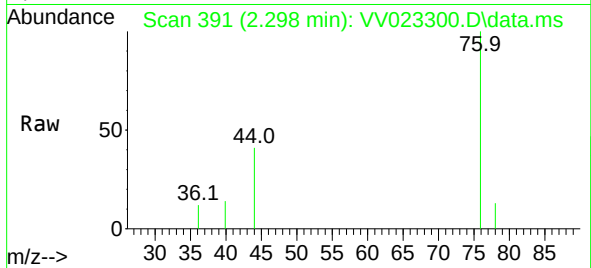
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV023300.D
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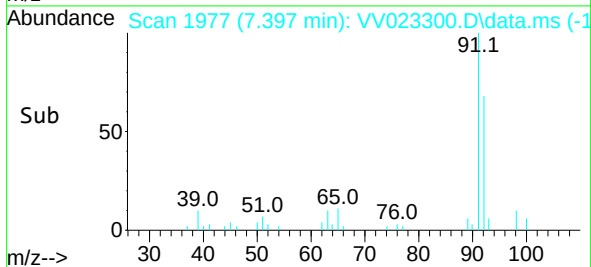
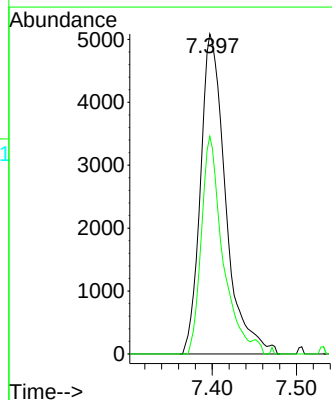
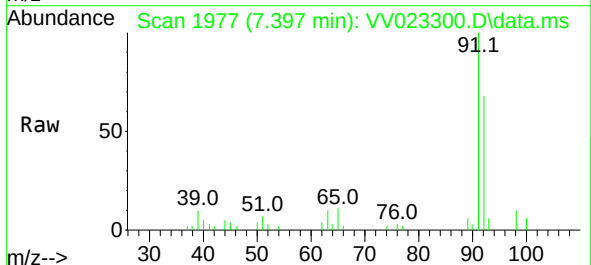
Instrument :
MSVOA_V
ClientSampleId :
GB8E5

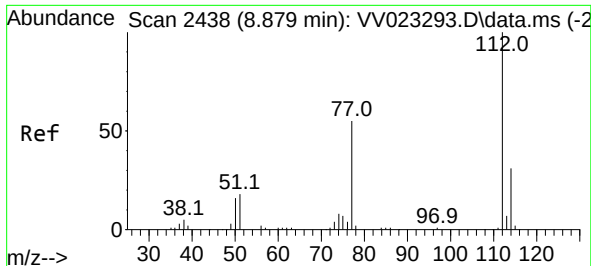
Tgt Ion: 76 Resp: 1765
Ion Ratio Lower Upper
76 100
78 13.4 7.2 10.8#



#42
Toluene
Concen: 0.259 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

Tgt Ion: 91 Resp: 10551
Ion Ratio Lower Upper
91 100
92 68.0 39.3 72.9

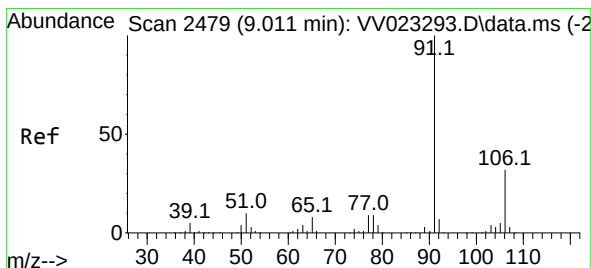
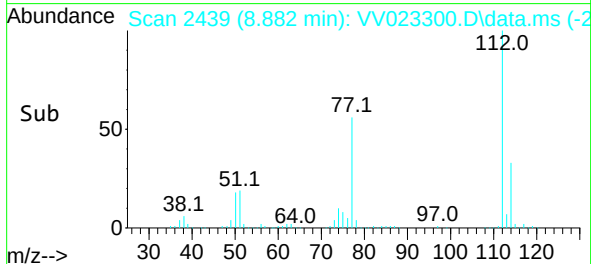
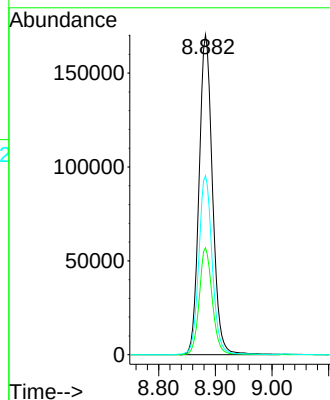
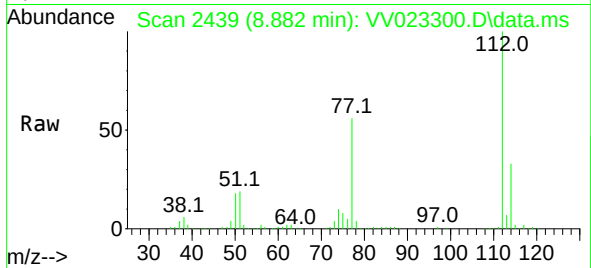




#51
Chlorobenzene
Concen: 10.363 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

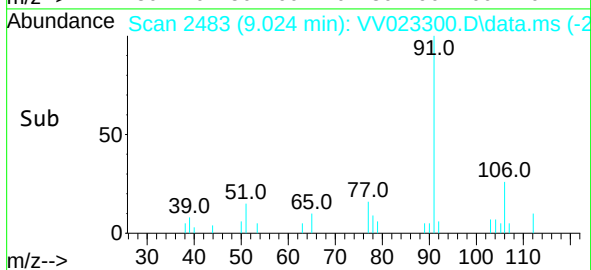
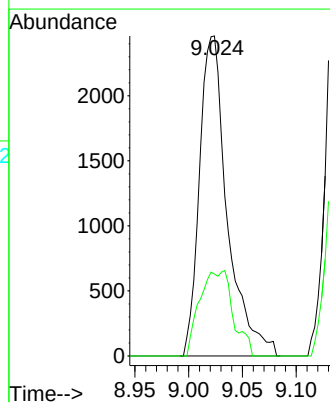
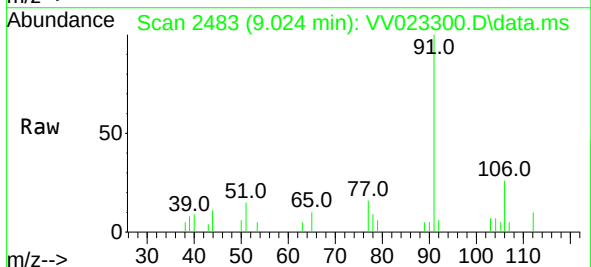
Instrument :
MSVOA_V
ClientSampleId :
GB8E5

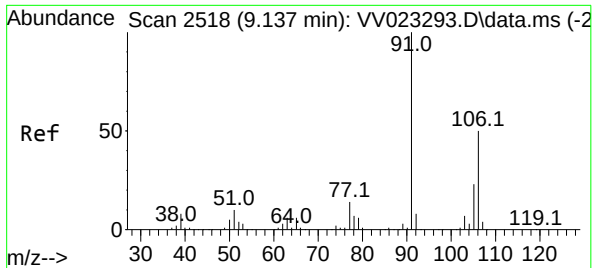
Tgt Ion:112 Resp: 280214
Ion Ratio Lower Upper
112 100
114 33.4 22.0 40.8
77 55.9 44.4 66.6



#52
Ethylbenzene
Concen: 0.103 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.013 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

Tgt Ion: 91 Resp: 4426
Ion Ratio Lower Upper
91 100
106 25.6 22.5 41.9

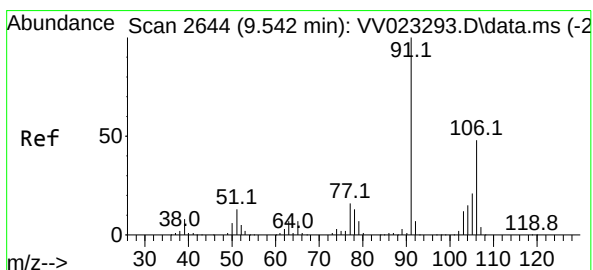
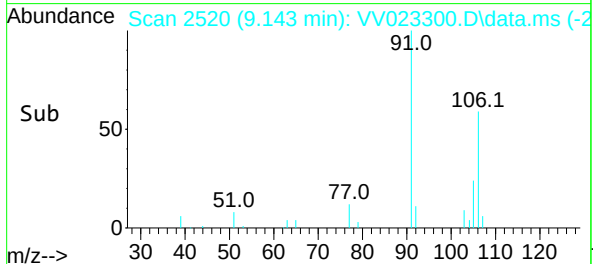
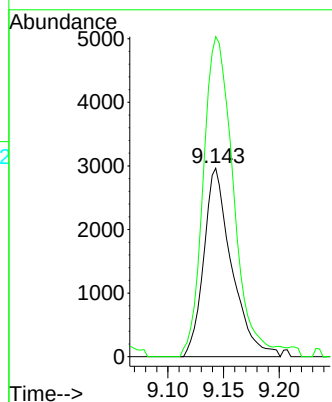
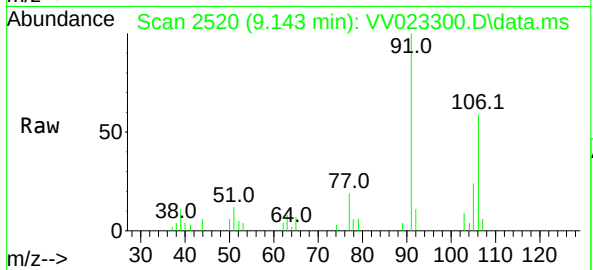




#53
m,p-xylene
Concen: 0.306 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

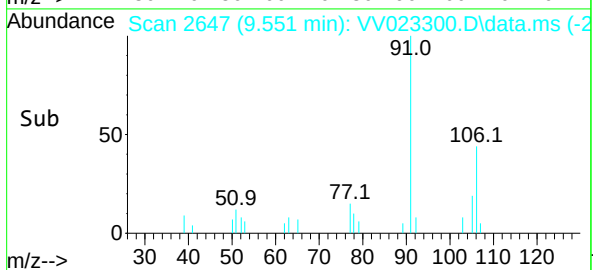
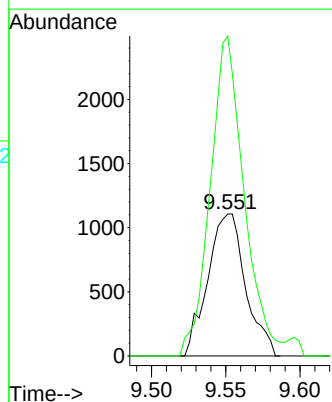
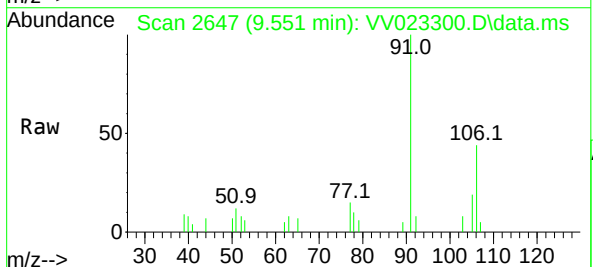
Instrument :
MSVOA_V
ClientSampleId :
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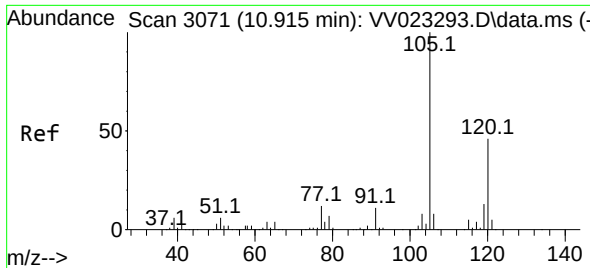
Tgt Ion:106 Resp: 5148
Ion Ratio Lower Upper
106 100
91 169.8 137.2 254.8



#54
o-xylene
Concen: 0.124 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

Tgt Ion:106 Resp: 1962
Ion Ratio Lower Upper
106 100
91 225.4 148.3 275.5

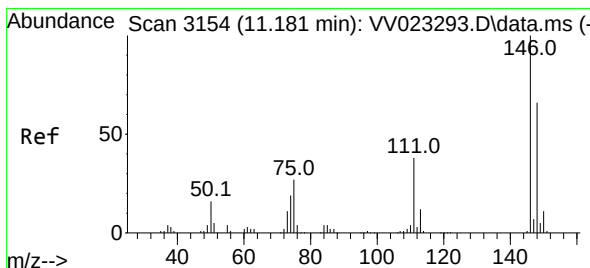
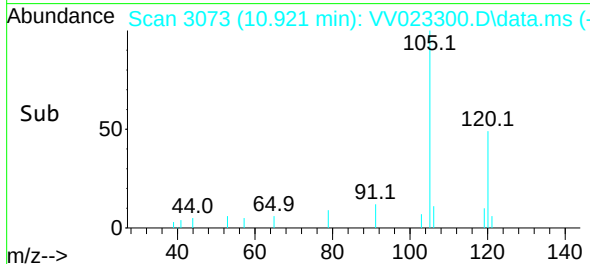
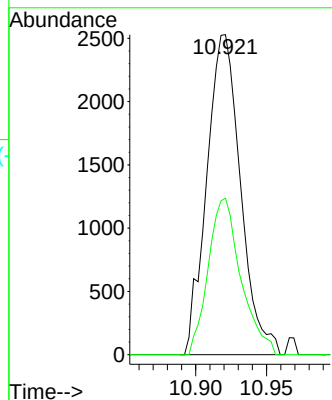
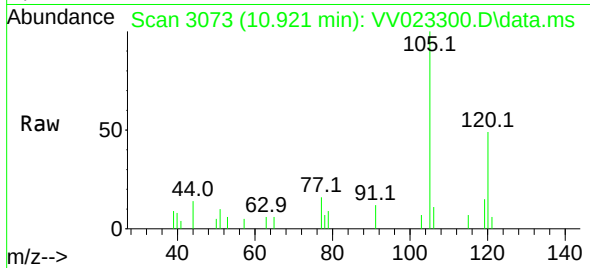




#63
1,2,4-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

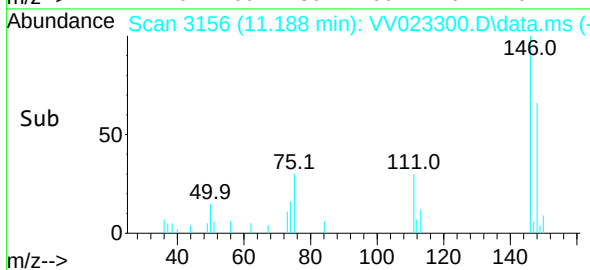
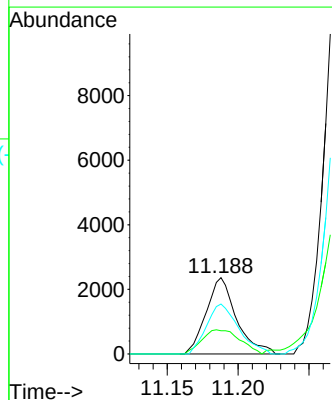
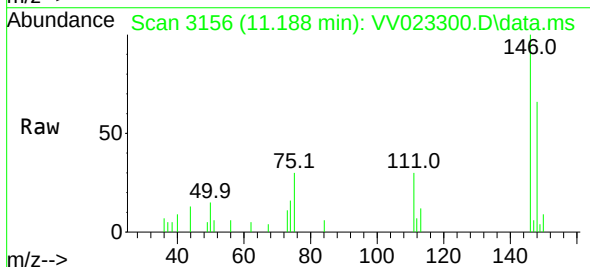
Instrument :
MSVOA_V
ClientSampleId :
GB8E5

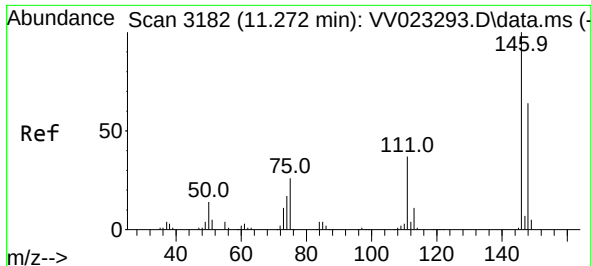
Tgt Ion:105 Resp: 4203
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 0.178 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV023300.D
Acq: 09 Nov 2021 13:57

Tgt Ion:146 Resp: 3492
Ion Ratio Lower Upper
146 100
111 30.4 26.7 49.7
148 65.5 42.9 79.7





#65

1,4-Dichlorobenzene

Concen: 1.280 ug/L

RT: 11.275 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023300.D

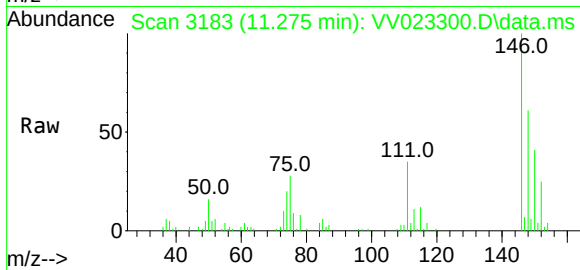
Acq: 09 Nov 2021 13:57

Instrument :

MSVOA_V

ClientSampleId :

GB8E5



Tgt Ion:146 Resp: 25629

Ion Ratio Lower Upper

146 100

111 34.8 26.2 48.8

148 61.4 44.4 82.5

