

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034350.D
 Acq On : 22 Feb 2024 16:28
 Operator : SY/MD
 Sample : P1566-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

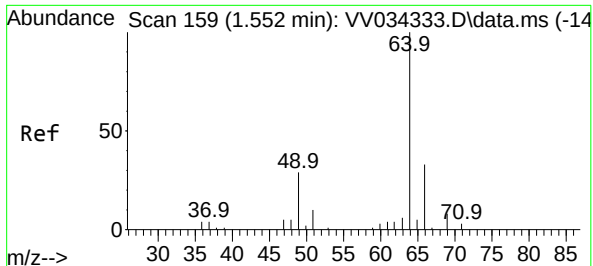
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	82506	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	76882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17393	2.722	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.400%	
7) Chloroethane-d5	1.529	69	18292	3.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.400%	
11) 1,1-Dichloroethene-d2	2.056	65	9750	3.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	3.850	46	8736	8.140	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	16.280%#	
24) Chloroform-d	4.249	84	49221	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	4.947	65	25100	4.626	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	4.960	84	86717	3.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	5.992	67	25631	3.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.600%	
41) Toluene-d8	7.243	98	77068	3.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	7.561	79	8609	3.536	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.800%	
46) 2-Hexanone-d5	8.034	63	42249	48.611	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.220%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18545	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30484	4.402	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.397	64	18348	3.413	ug/L #	53
25) Chloroform	4.281	83	4584	0.420	ug/L	96
35) Methylcyclohexane	5.989	83	6827	0.652	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3466	0.620	ug/L #	87
38) Bromodichloromethane	6.442	83	1538	0.210	ug/L #	93
42) Toluene	7.326	91	6626	0.269	ug/L	90
48) 2-Hexanone	8.101	43	5101	2.705	ug/L #	95
49) Dibromochloromethane	8.188	129	1118	0.273	ug/L	99
61) 1,2,3-Trichloropropane	11.185	75	4526	1.729	ug/L #	64

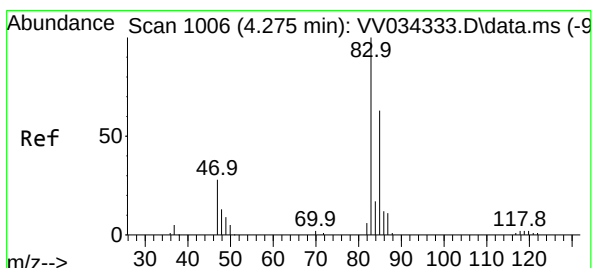
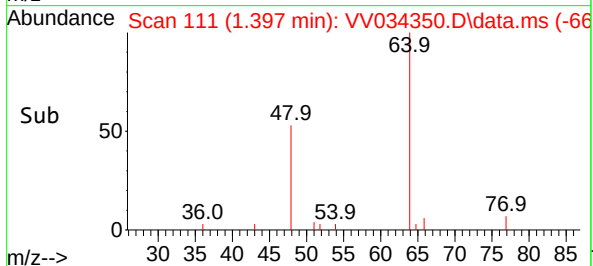
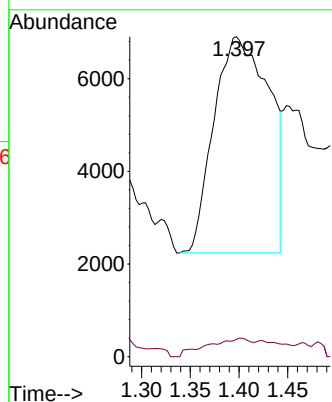
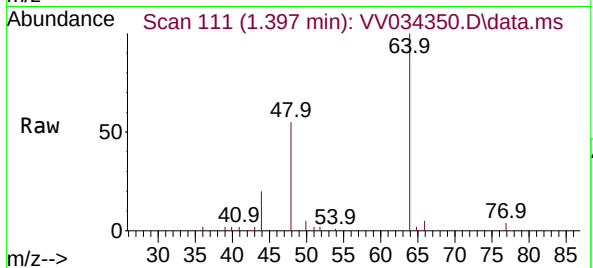
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 3.413 ug/L
RT: 1.397 min Scan# 111
Delta R.T. -0.154 min
Lab File: VV034350.D
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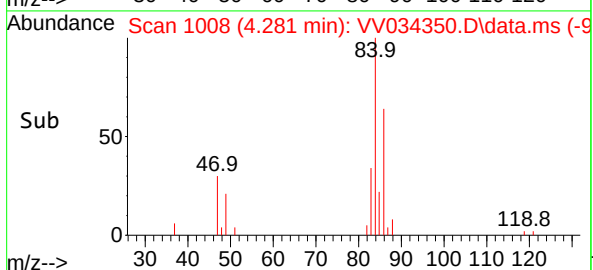
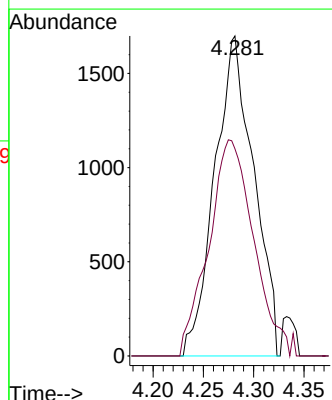
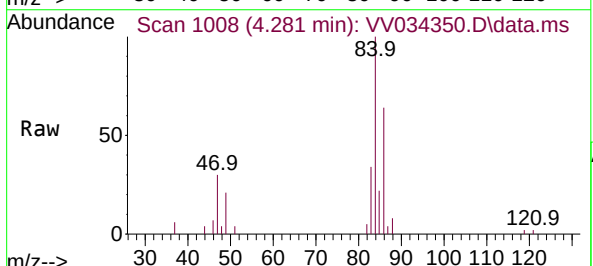
Instrument :
MSVOA_V
ClientSampleId :

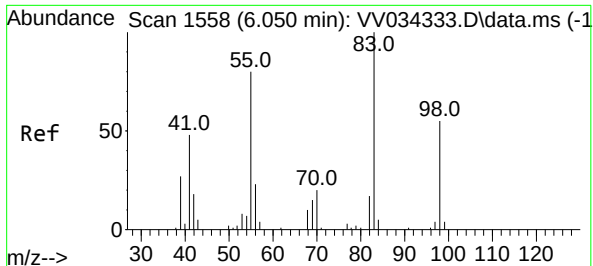
Tgt Ion: 64 Resp: 18348
Ion Ratio Lower Upper
64 100
66 5.3 22.0 41.0#



#25
Chloroform
Concen: 0.420 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV034350.D
Acq: 22 Feb 2024 16:28

Tgt Ion: 83 Resp: 4584
Ion Ratio Lower Upper
83 100
85 64.7 47.5 88.1





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV034350.D

Acq: 22 Feb 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :

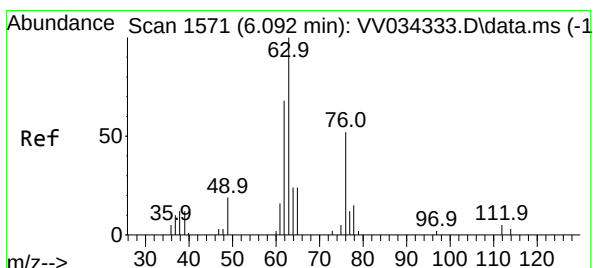
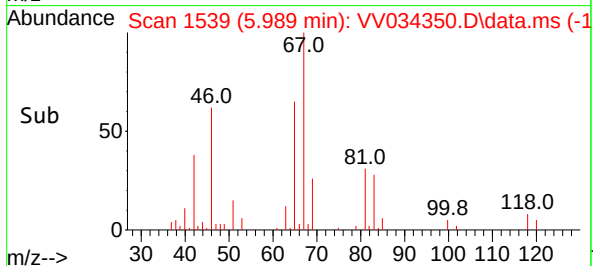
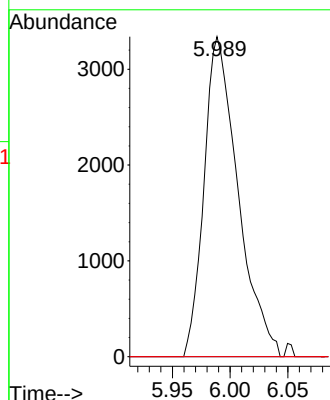
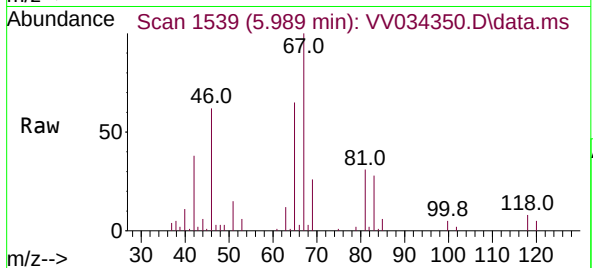
Tgt Ion: 83 Resp: 6827

Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.100 min

Lab File: VV034350.D

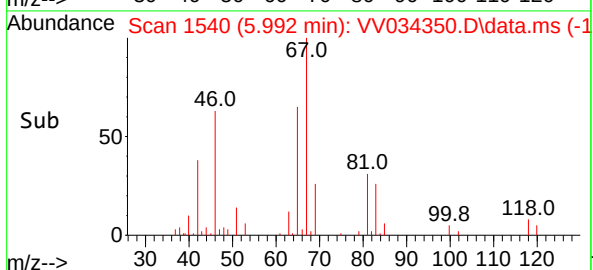
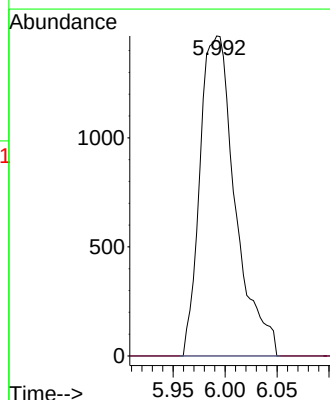
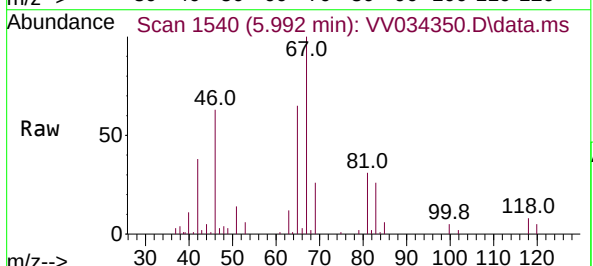
Acq: 22 Feb 2024 16:28

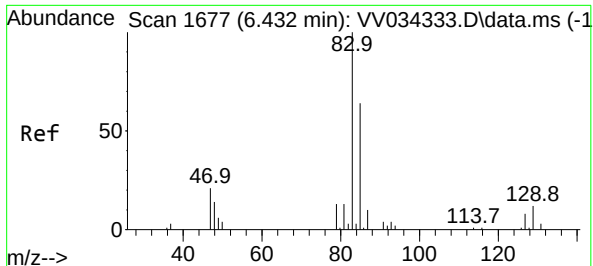
Tgt Ion: 63 Resp: 3466

Ion Ratio Lower Upper

63 100

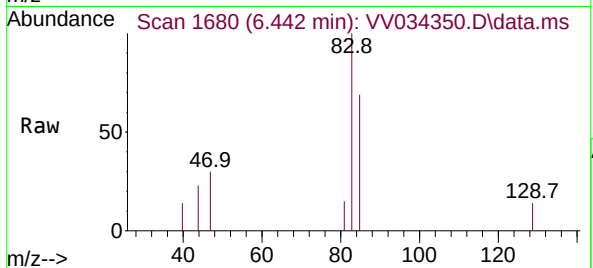
112 0.0 3.4 5.0#



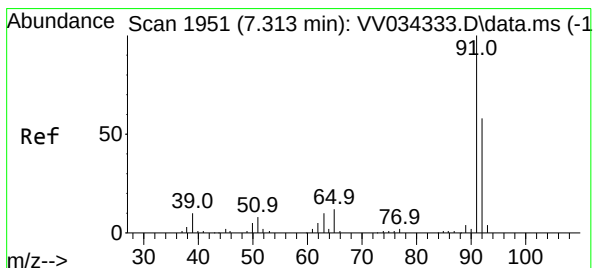
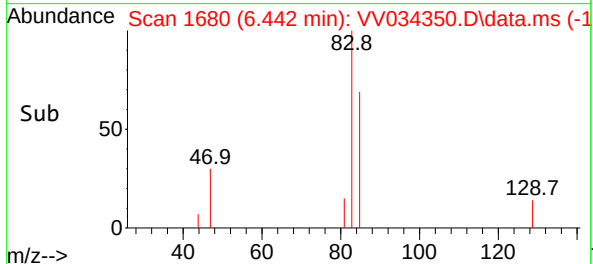
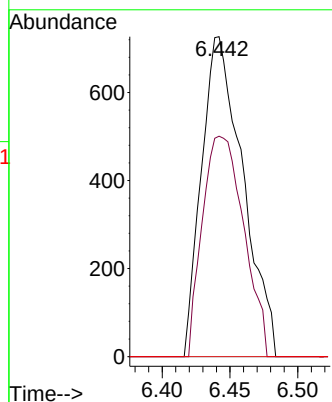


#38
Bromodichloromethane
Concen: 0.210 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV034350.D
Acq: 22 Feb 2024 16:28

Instrument :
MSVOA_V
ClientSampleId :

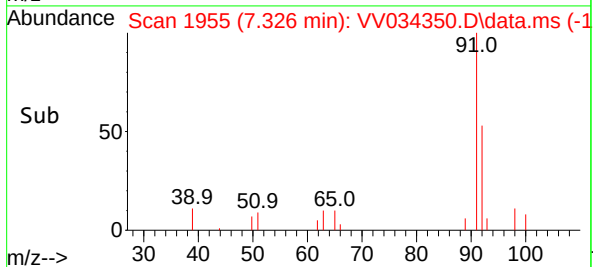
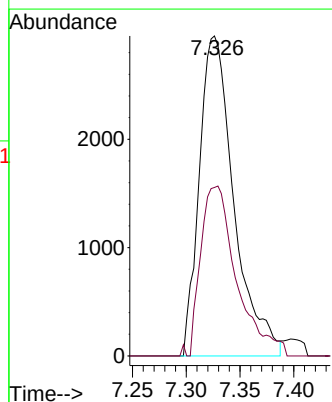
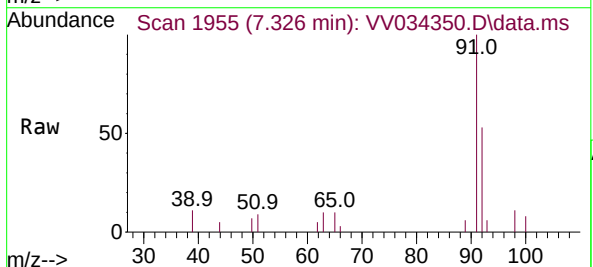


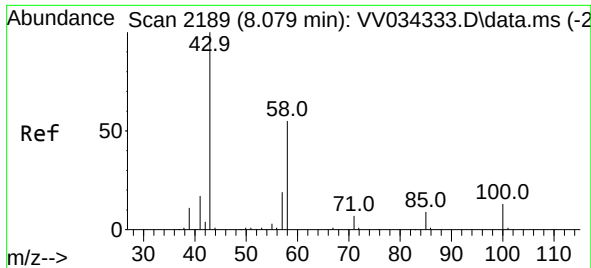
Tgt Ion: 83 Resp: 1538
Ion Ratio Lower Upper
83 100
85 68.9 45.4 84.2
127 0.0 6.5 9.7#



#42
Toluene
Concen: 0.269 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.013 min
Lab File: VV034350.D
Acq: 22 Feb 2024 16:28

Tgt Ion: 91 Resp: 6626
Ion Ratio Lower Upper
91 100
92 52.6 42.1 78.3

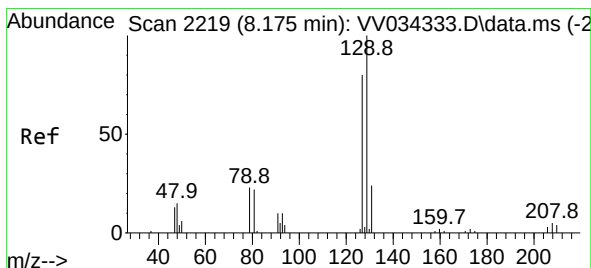
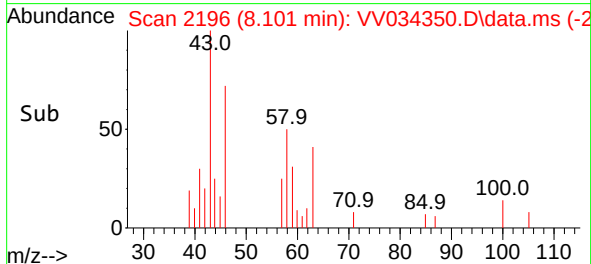
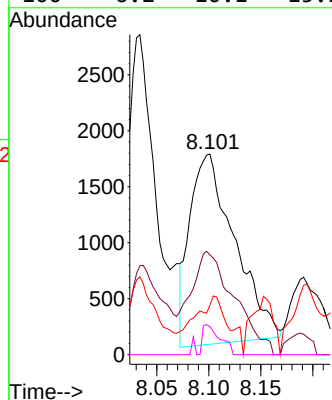
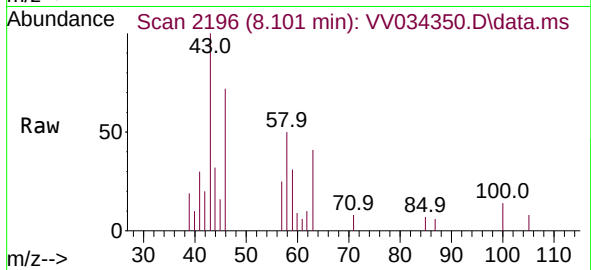




#48
2-Hexanone
Concen: 2.705 ug/L
RT: 8.101 min Scan# 2189
Delta R.T. 0.022 min
Lab File: VV034350.D
Acq: 22 Feb 2024 16:28

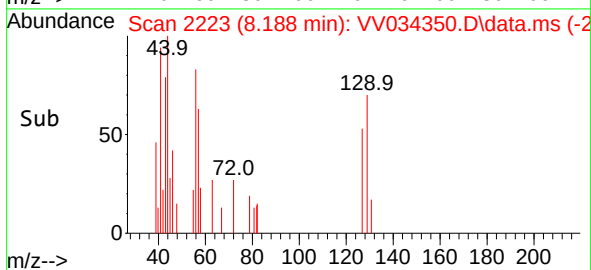
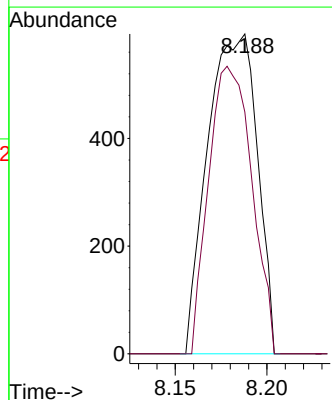
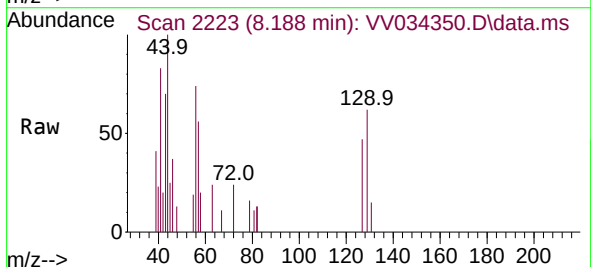
Instrument :
MSVOA_V
ClientSampleId :

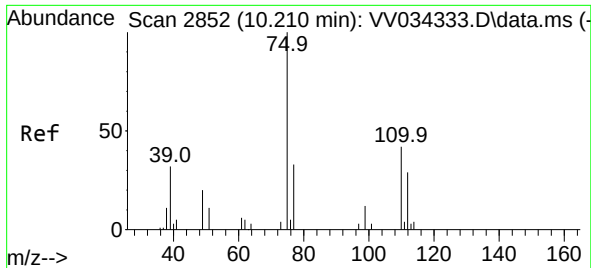
Tgt Ion: 43 Resp: 5101
Ion Ratio Lower Upper
43 100
58 54.0 42.6 64.0
57 23.8 15.5 23.3#
100 6.2 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.273 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.013 min
Lab File: VV034350.D
Acq: 22 Feb 2024 16:28

Tgt Ion: 129 Resp: 1118
Ion Ratio Lower Upper
129 100
127 75.6 53.5 99.5





#61

1,2,3-Trichloropropane

Concen: 1.729 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

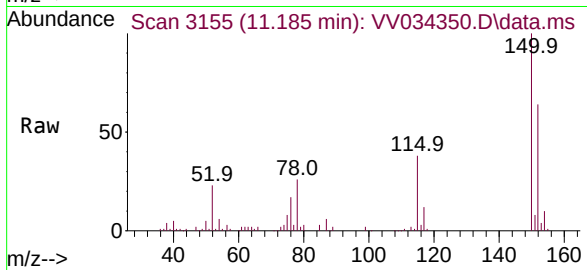
Lab File: VV034350.D

Acq: 22 Feb 2024 16:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4526

Ion Ratio Lower Upper

75 100

77 34.3 26.9 40.3

110 1.7 33.3 49.9#

