

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
 Data File : VV023004.D
 Acq On : 23 Oct 2021 12:37
 Operator : SY/MD
 Sample : VV1023WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

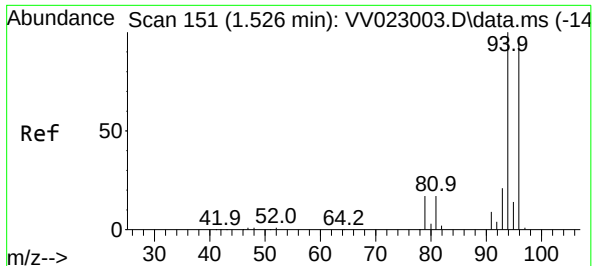
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:05:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	121559	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	119681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50986	4.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.568	69	36445	5.547	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.000%	
11) 1,1-Dichloroethene-d2	2.108	63	59638	3.892	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.800%	
20) 2-Butanone-d5	3.957	46	131111	76.946	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	153.900%#	
24) Chloroform-d	4.346	84	97627	5.654	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
26) 1,2-Dichloroethane-d4	5.040	65	46839	5.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	5.043	84	191294	5.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
36) 1,2-Dichloropropane-d6	6.092	67	59697	5.550	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.000%	
41) Toluene-d8	7.330	98	148938	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.638	79	19611	5.204	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.000%	
46) 2-Hexanone-d5	8.108	63	74037	53.062	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.120%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40074	5.396	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53970	6.147	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.000%#	
Target Compounds						
6) Bromomethane	1.520	94	185	0.043	ug/L #	3
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	675	0.102	ug/L #	25
12) 1,1-Dichloroethene	2.114	96	541	0.087	ug/L #	1
35) Methylcyclohexane	6.095	83	15052	1.299	ug/L #	18
37) 1,2-Dichloropropane	6.092	63	6377	0.786	ug/L #	84
39) cis-1,3-Dichloropropene	7.008	75	1443	0.143	ug/L #	37
42) Toluene	7.413	91	2612	0.080	ug/L	98
48) 2-Hexanone	8.166	43	7733	2.726	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	5812	1.678	ug/L #	67

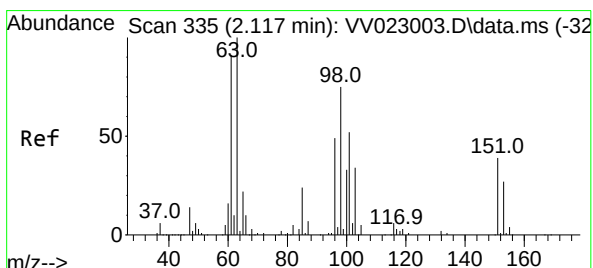
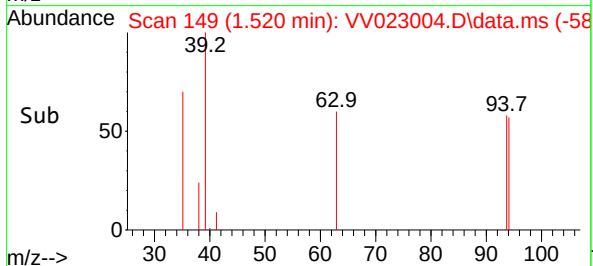
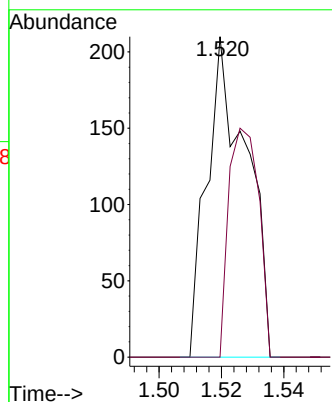
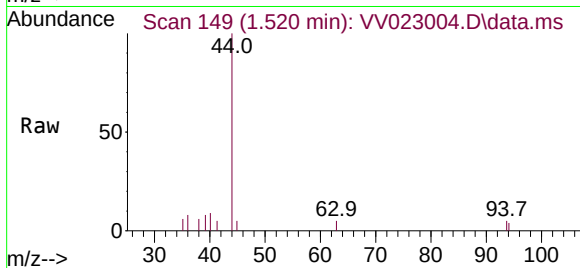
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.006 min
Lab File: VV023004.D
Acq: 23 Oct 2021 12:37

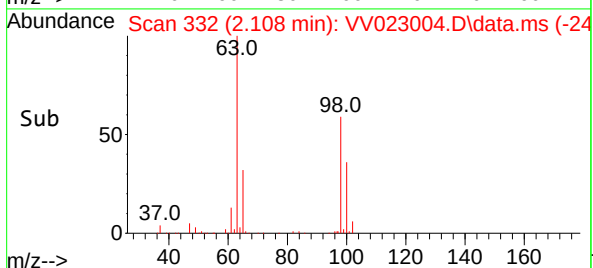
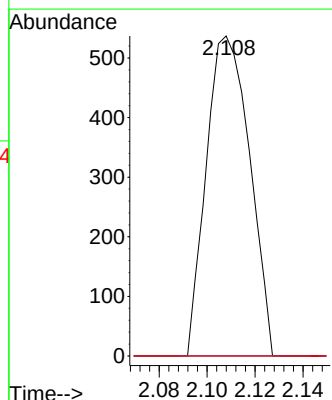
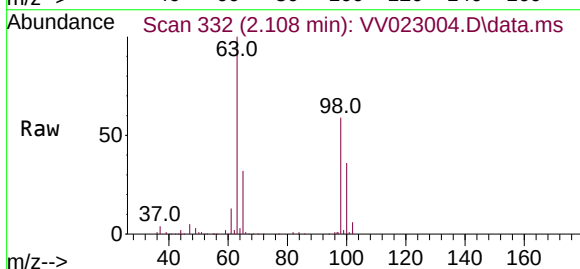
Instrument :
MSVOA_V
ClientSampleId :

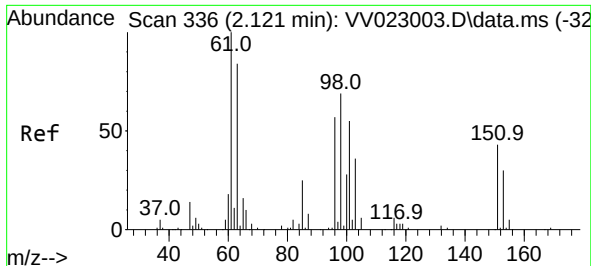
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 0.0 65.0 120.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.102 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.009 min
Lab File: VV023004.D
Acq: 23 Oct 2021 12:37

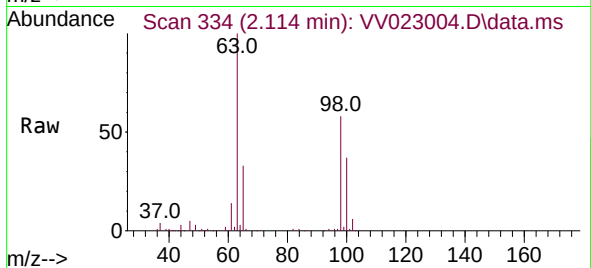
Tgt Ion: 101 Resp: 675
Ion Ratio Lower Upper
101 100
85 3.0 35.3 52.9#
151 6.4 62.2 93.2#



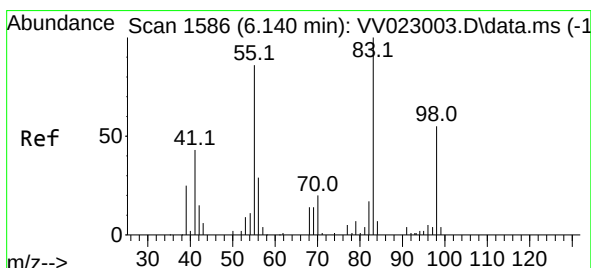
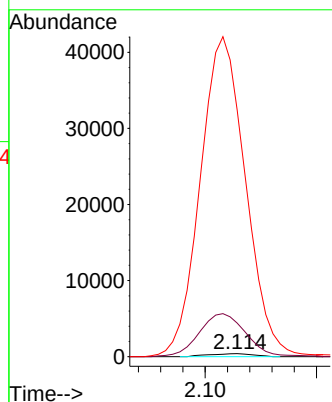
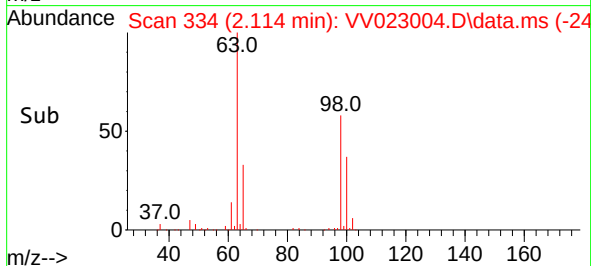


#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023004.D
Acq: 23 Oct 2021 12:37

Instrument :
MSVOA_V
ClientSampleId :

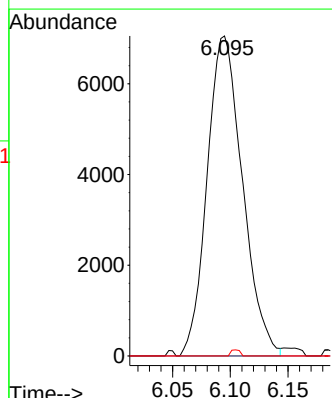
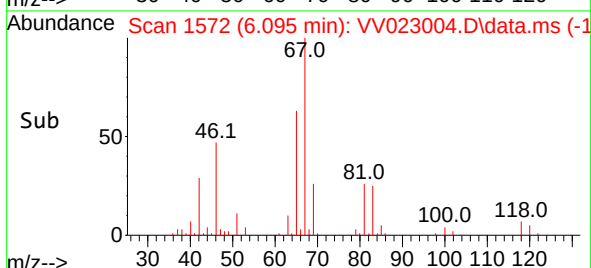
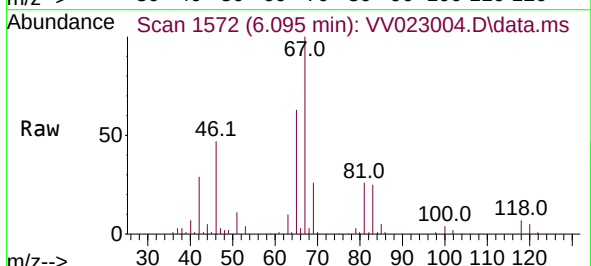


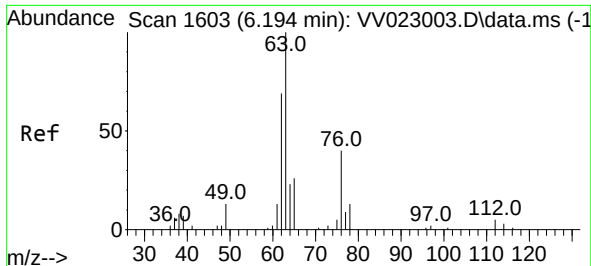
Tgt Ion: 96 Resp: 541
Ion Ratio Lower Upper
96 100
61 1129.2 121.5 225.7#
63 8292.6 99.6 185.0#



#35
Methylcyclohexane
Concen: 1.299 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. -0.045 min
Lab File: VV023004.D
Acq: 23 Oct 2021 12:37

Tgt Ion: 83 Resp: 15052
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.5 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.786 ug/L

RT: 6.092 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023004.D

Acq: 23 Oct 2021 12:37

Instrument :

MSVOA_V

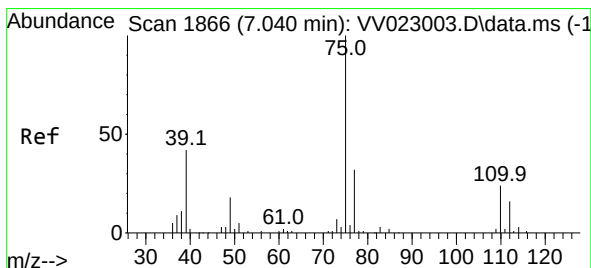
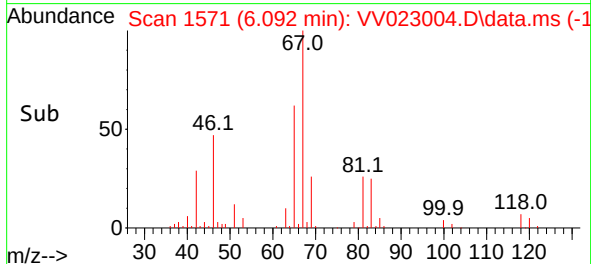
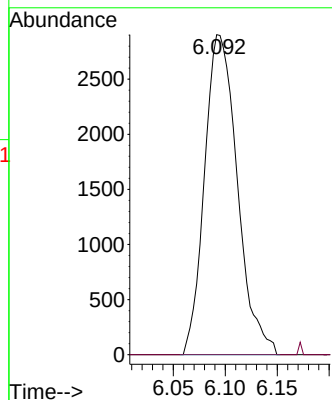
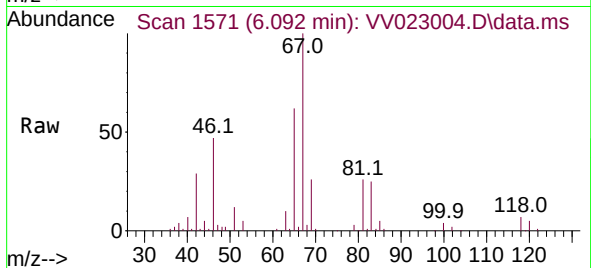
ClientSampleId :

Tgt Ion: 63 Resp: 6377

Ion Ratio Lower Upper

63 100

112 0.3 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.143 ug/L

RT: 7.008 min Scan# 1856

Delta R.T. -0.032 min

Lab File: VV023004.D

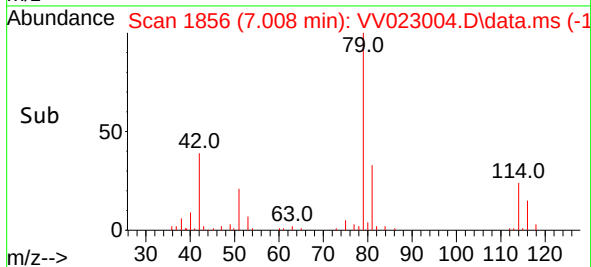
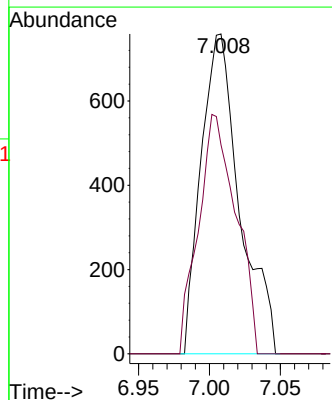
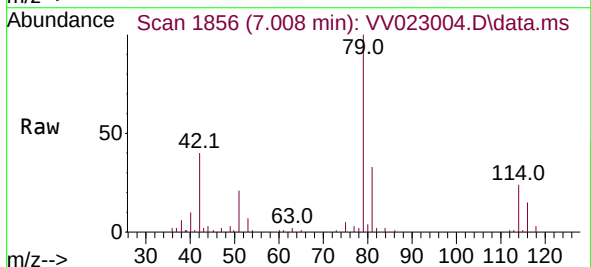
Acq: 23 Oct 2021 12:37

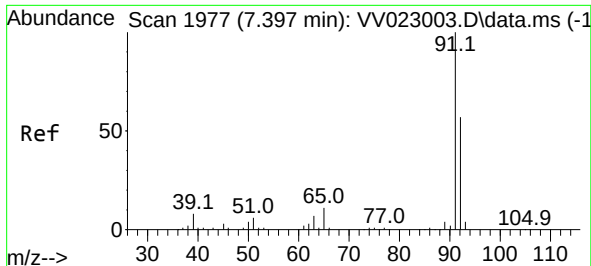
Tgt Ion: 75 Resp: 1443

Ion Ratio Lower Upper

75 100

77 65.3 21.6 40.2#





#42

Toluene

Concen: 0.080 ug/L

RT: 7.413 min Scan# 1977

Delta R.T. 0.016 min

Lab File: VV023004.D

Acq: 23 Oct 2021 12:37

Instrument :

MSVOA_V

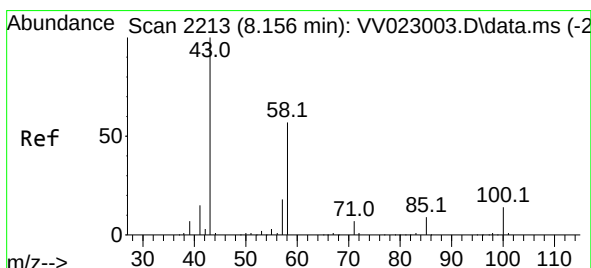
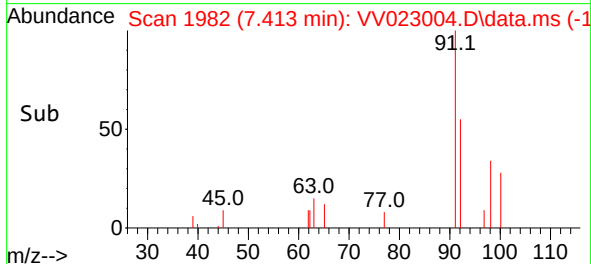
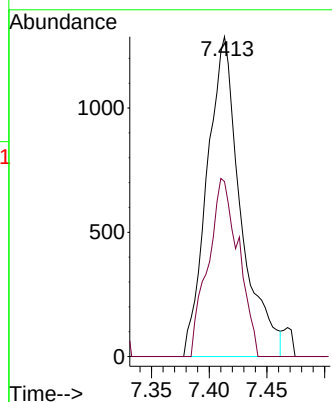
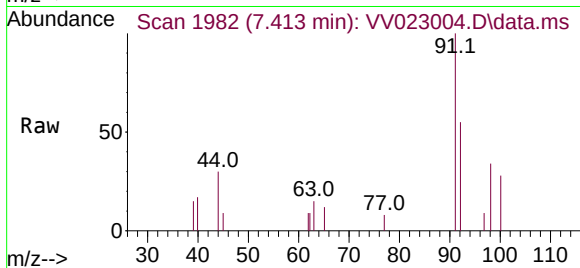
ClientSampleId :

Tgt Ion: 91 Resp: 2612

Ion Ratio Lower Upper

91 100

92 54.7 39.3 72.9



#48

2-Hexanone

Concen: 2.726 ug/L

RT: 8.166 min Scan# 2216

Delta R.T. 0.010 min

Lab File: VV023004.D

Acq: 23 Oct 2021 12:37

Tgt Ion: 43 Resp: 7733

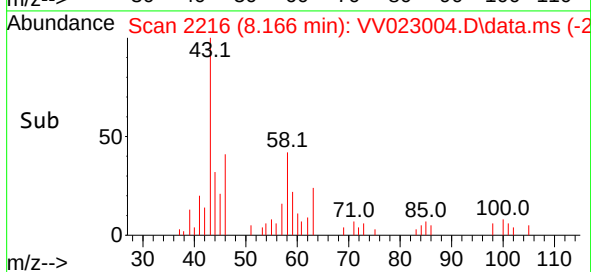
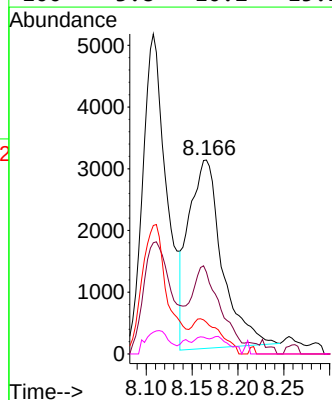
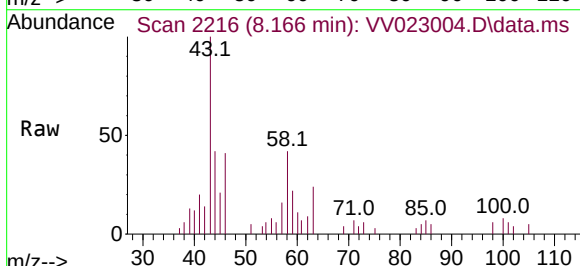
Ion Ratio Lower Upper

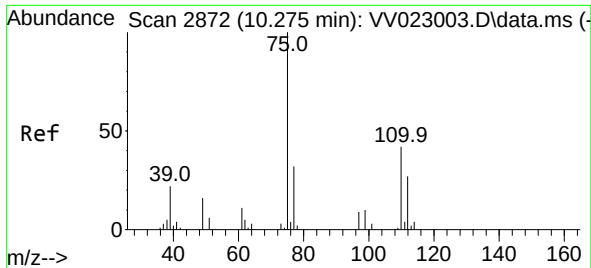
43 100

58 33.3 43.7 65.5#

57 15.3 14.1 21.1

100 3.8 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.678 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

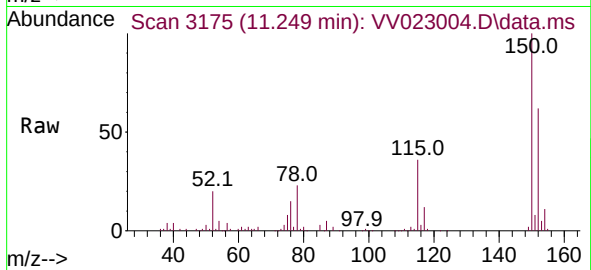
Lab File: VV023004.D

Acq: 23 Oct 2021 12:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5812

Ion Ratio Lower Upper

75 100

77 32.8 26.6 39.8

110 2.4 31.8 47.6#

