

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034067.D
 Acq On : 08 Feb 2024 18:33
 Operator : SY/MD
 Sample : P1400-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:45:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	98736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	88459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	43454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7998	1.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	21.000%#
7) Chloroethane-d5	1.516	69	4355	0.650	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	13.000%#
11) 1,1-Dichloroethene-d2	1.998	65	7587	2.057	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	41.200%#
20) 2-Butanone-d5	3.895	46	8142	6.340	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.680%#
24) Chloroform-d	4.243	84	53966	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	4.940	65	28212	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.937	84	111453	4.199	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.989	67	31415	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.239	98	101932	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.564	79	11614	4.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.059	63	44174	44.174	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.340%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	18273	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	32770	4.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	6305	0.639	ug/L	98
6) Bromomethane	1.477	94	1627	0.328	ug/L	96
15) Methyl Acetate	2.391	43	12135	5.263	ug/L #	88
21) 2-Butanone	4.056	43	4101	3.185	ug/L	97
35) Methylcyclohexane	5.989	83	8108	0.673	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	3832	0.596	ug/L #	87
42) Toluene	7.323	91	5966	0.210	ug/L	92
44) trans-1,3-Dichloropropene	7.516	75	43623	5.810	ug/L #	45
48) 2-Hexanone	8.059	43	5643	2.601	ug/L #	54
51) Chlorobenzene	8.818	112	4619	0.258	ug/L	96
52) Ethylbenzene	8.956	91	3787	0.116	ug/L	94
53) m,p-Xylene	9.078	106	5061	0.410	ug/L	93
54) o-Xylene	9.484	106	5454	0.459	ug/L	98
60) Isopropylbenzene	9.876	105	3454	0.107	ug/L	97
61) 1,2,3-Trichloropropane	10.326	75	593	0.199	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	12.194	75	1450	2.316	ug/L #	10

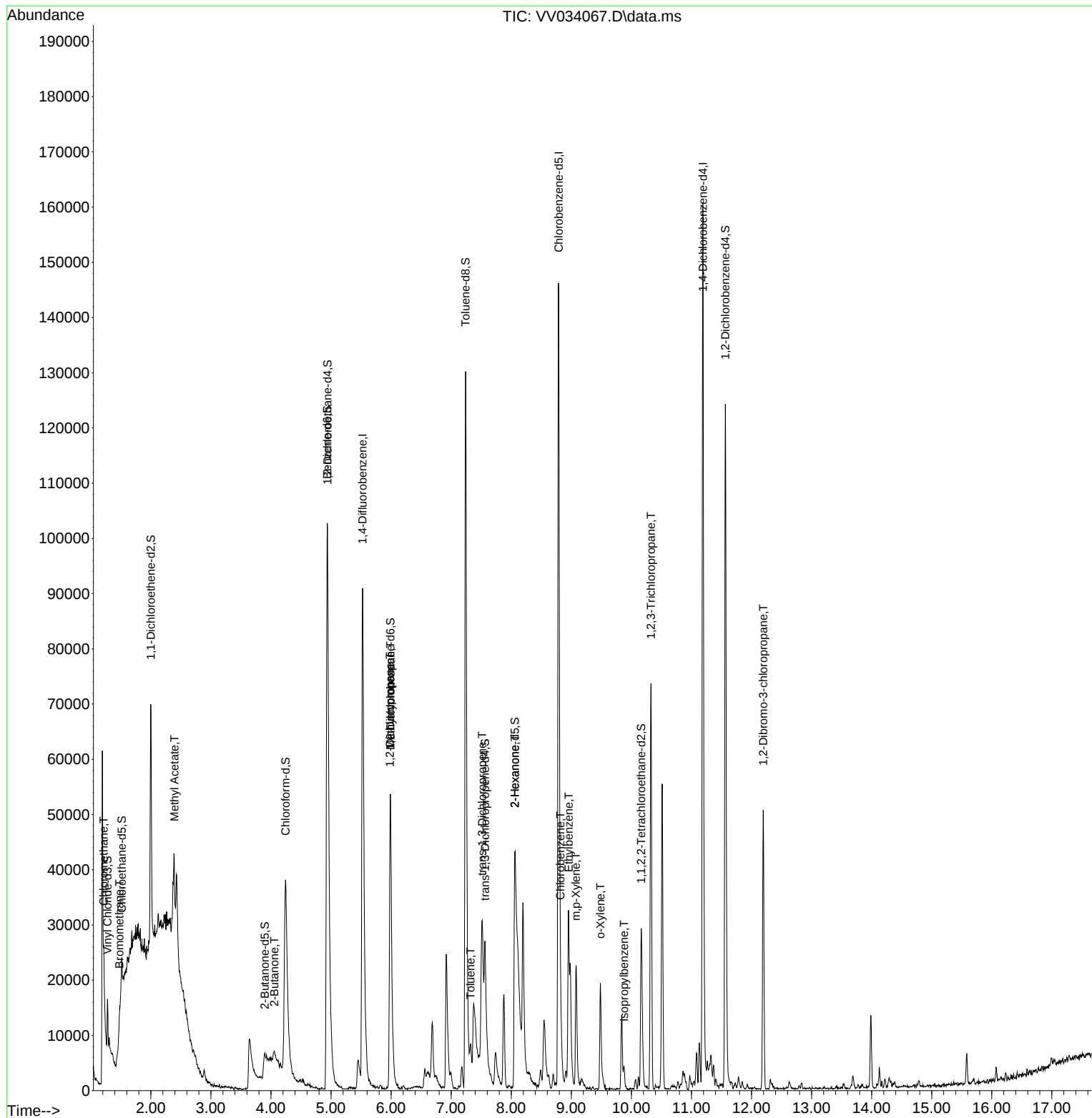
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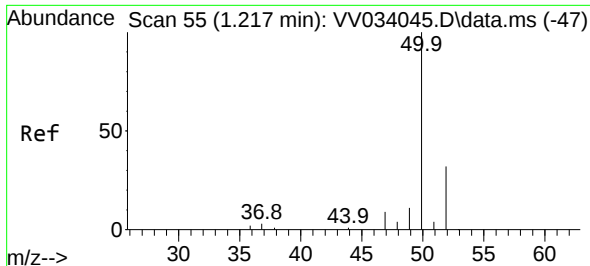
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
Data File : VV034067.D
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MSVOA_V
ClientSampleId :

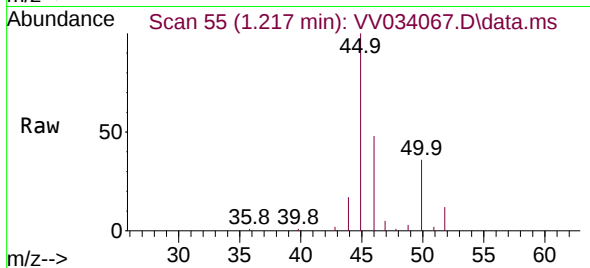
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration



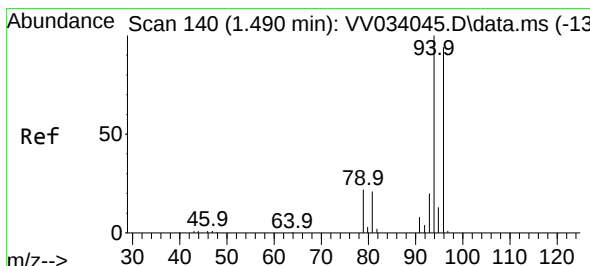
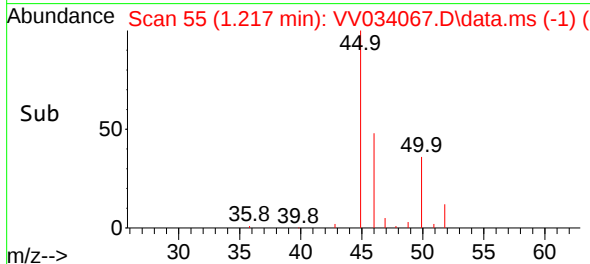
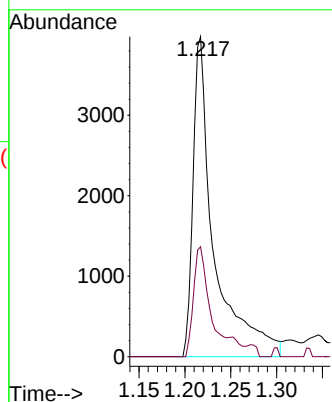


#3
Chloromethane
Concen: 0.639 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

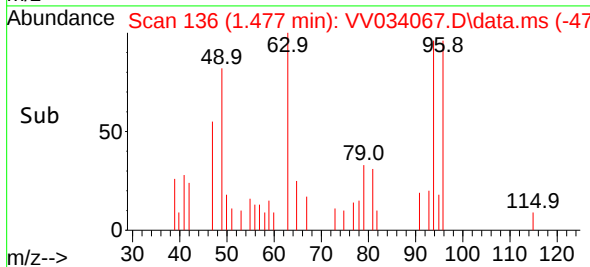
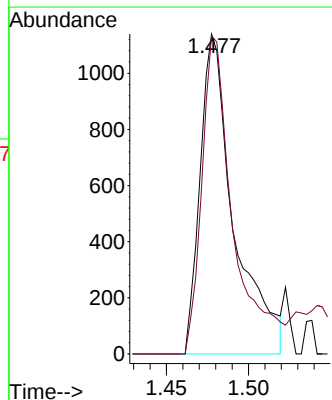
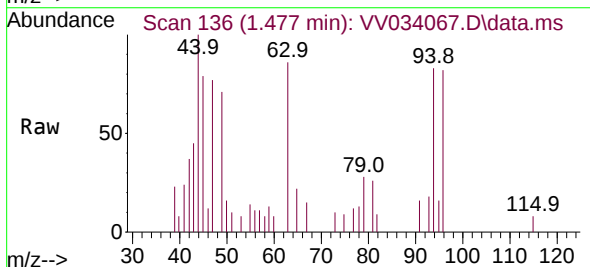


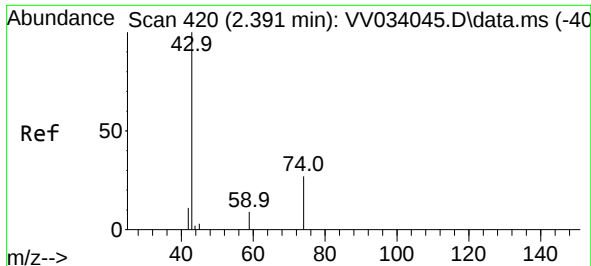
Tgt Ion: 50 Resp: 6305
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.4



#6
Bromomethane
Concen: 0.328 ug/L
RT: 1.477 min Scan# 136
Delta R.T. -0.013 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion: 94 Resp: 1627
Ion Ratio Lower Upper
94 100
96 99.4 66.6 123.8

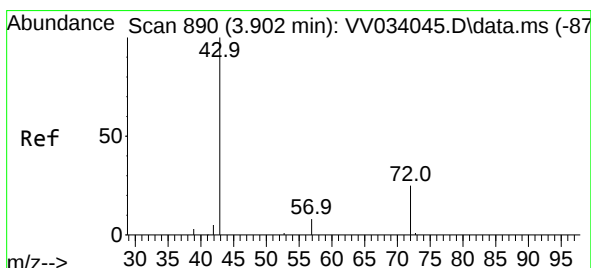
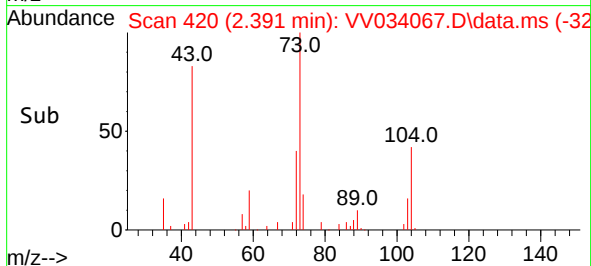
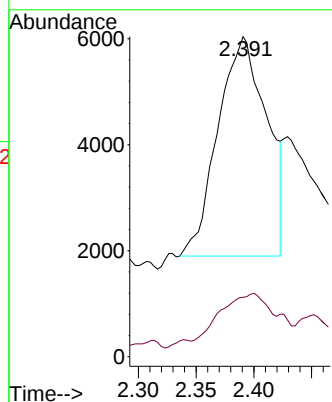
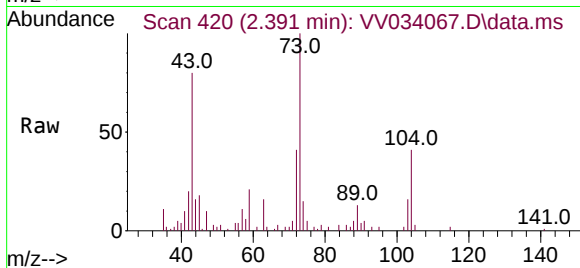




#15
Methyl Acetate
Concen: 5.263 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

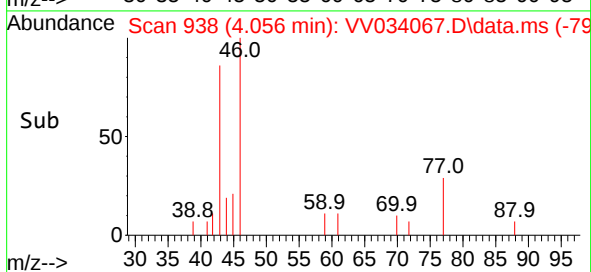
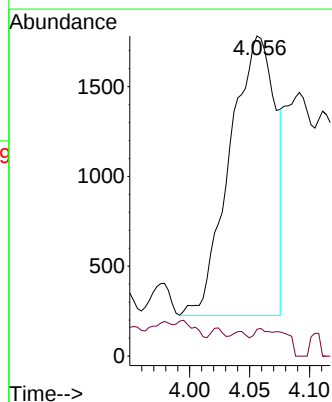
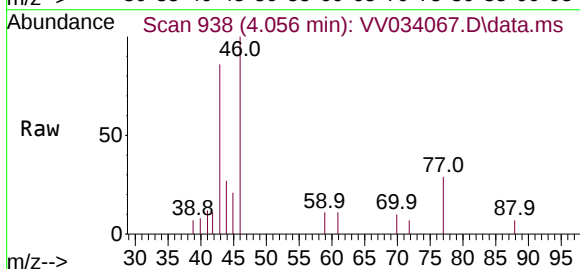
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ClientSampleId :

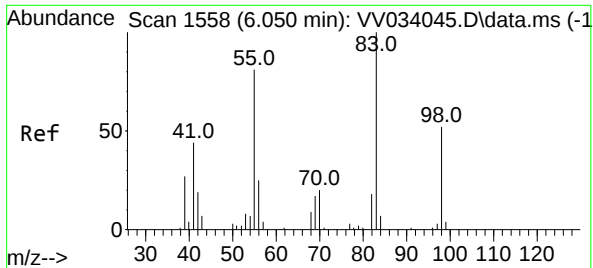
Tgt Ion: 43 Resp: 12135
Ion Ratio Lower Upper
43 100
74 28.7 18.2 27.4#



#21
2-Butanone
Concen: 3.185 ug/L
RT: 4.056 min Scan# 938
Delta R.T. 0.154 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion: 43 Resp: 4101
Ion Ratio Lower Upper
43 100
72 6.8 4.0 11.9

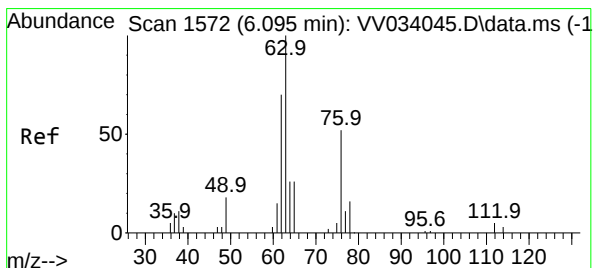
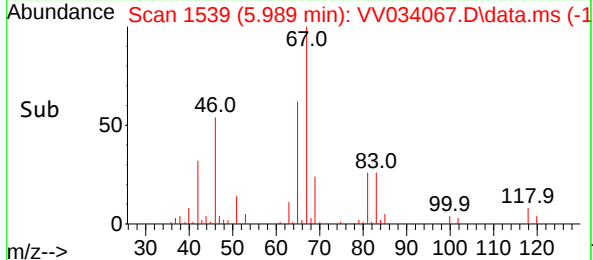
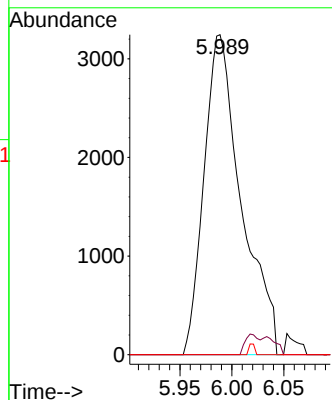
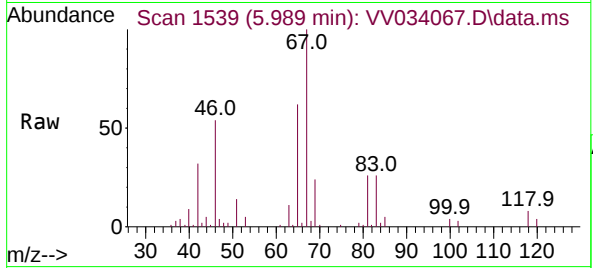




#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

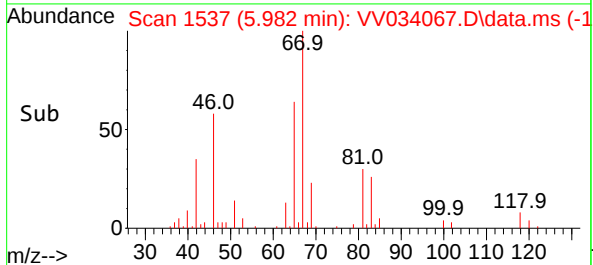
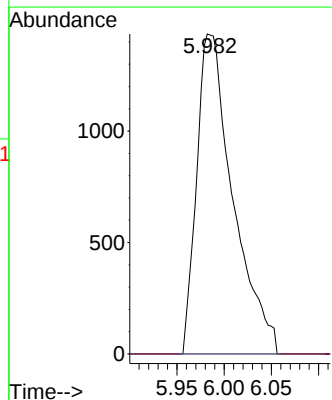
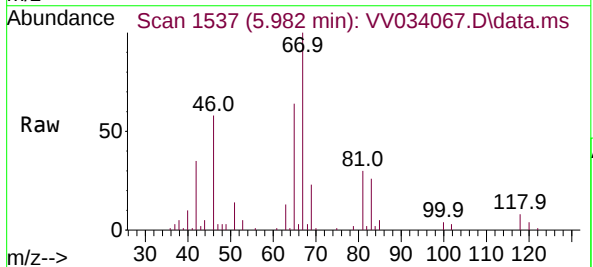
Instrument :
MSVOA_V
ClientSampleId :

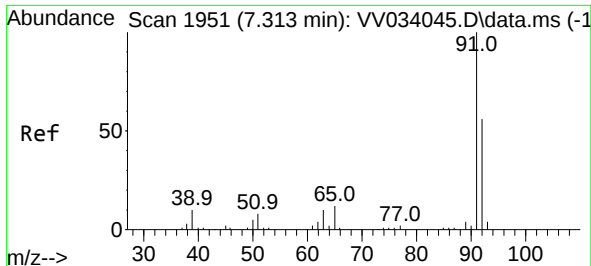
Tgt Ion: 83 Resp: 8108
Ion Ratio Lower Upper
83 100
55 2.4 63.5 95.3#
98 0.5 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.113 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion: 63 Resp: 3832
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.210 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV034067.D

Acq: 08 Feb 2024 18:33

Instrument :

MSVOA_V

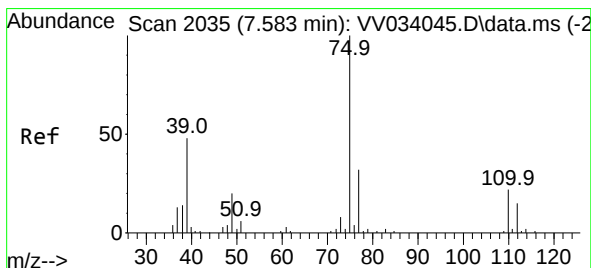
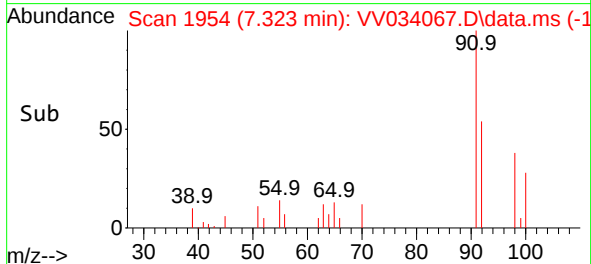
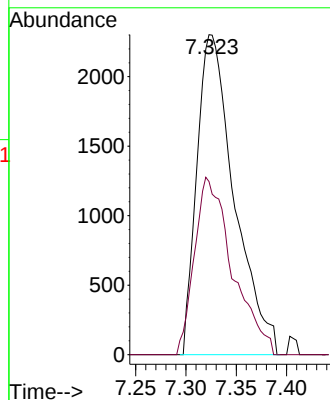
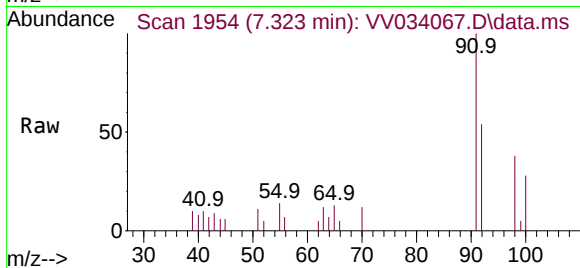
ClientSampleId :

Tgt Ion: 91 Resp: 5966

Ion Ratio Lower Upper

91 100

92 54.1 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.810 ug/L

RT: 7.516 min Scan# 2014

Delta R.T. -0.068 min

Lab File: VV034067.D

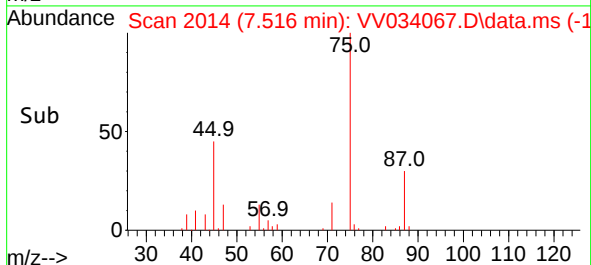
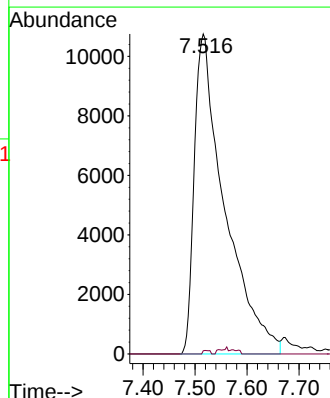
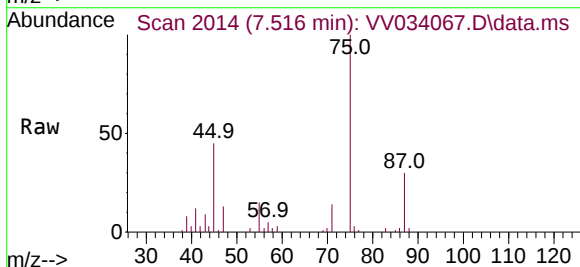
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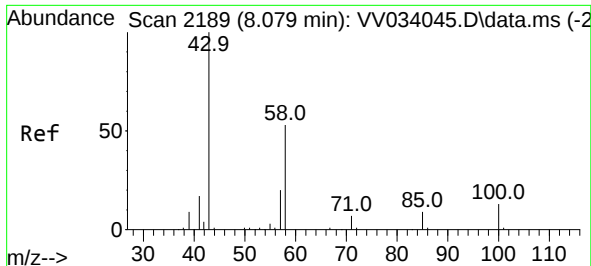
Tgt Ion: 75 Resp: 43623

Ion Ratio Lower Upper

75 100

77 1.0 22.2 41.2#





#48

2-Hexanone

Concen: 2.601 ug/L

RT: 8.059 min Scan# 2189

Delta R.T. -0.019 min

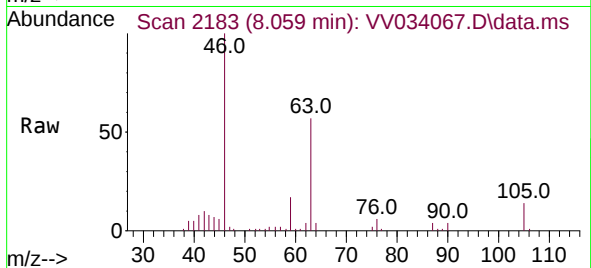
Lab File: VV034067.D

Acq: 08 Feb 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 5643

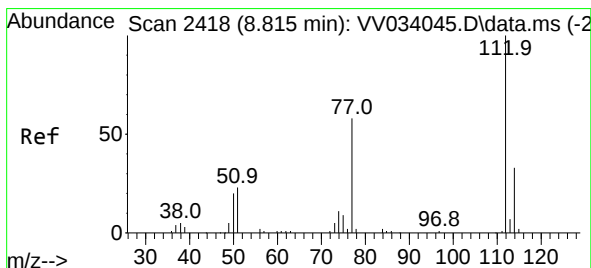
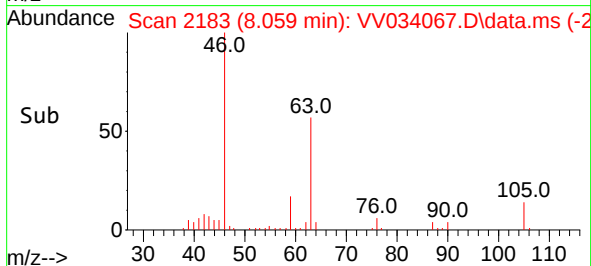
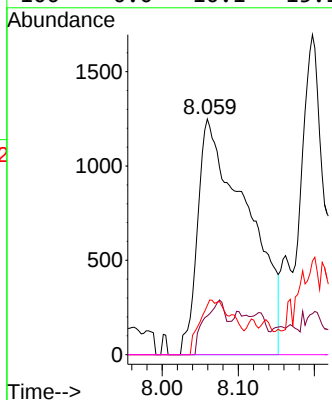
Ion Ratio Lower Upper

43 100

58 10.1 42.6 64.0#

57 12.1 15.5 23.3#

100 0.0 10.1 15.1#



#51

Chlorobenzene

Concen: 0.258 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV034067.D

Acq: 08 Feb 2024 18:33

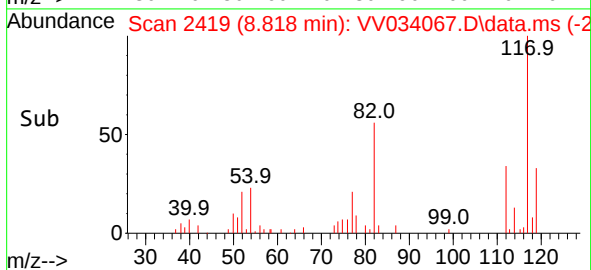
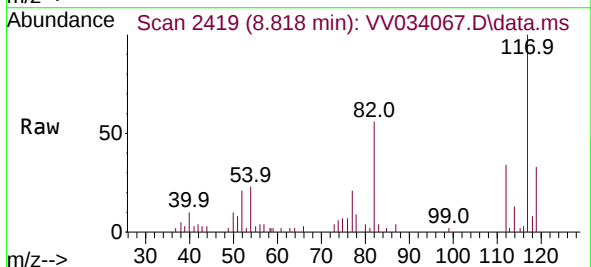
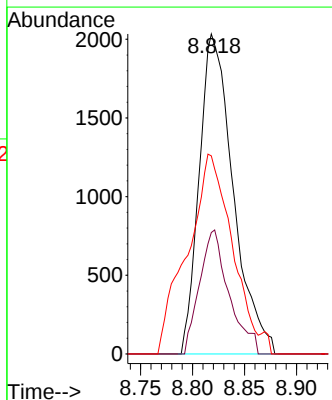
Tgt Ion: 112 Resp: 4619

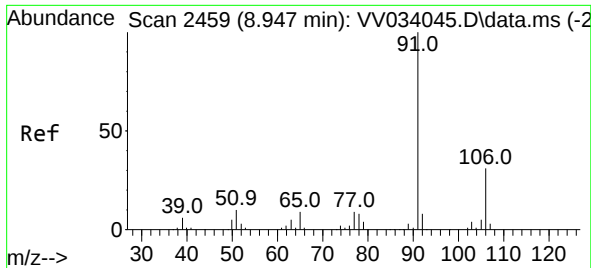
Ion Ratio Lower Upper

112 100

114 36.1 22.5 41.7

77 58.8 48.1 72.1

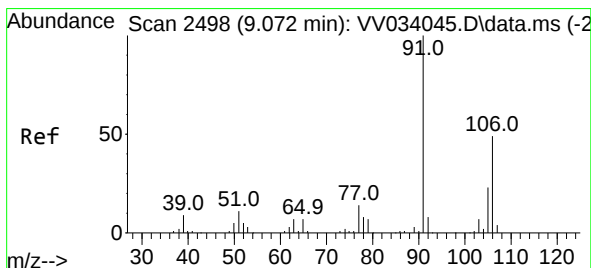
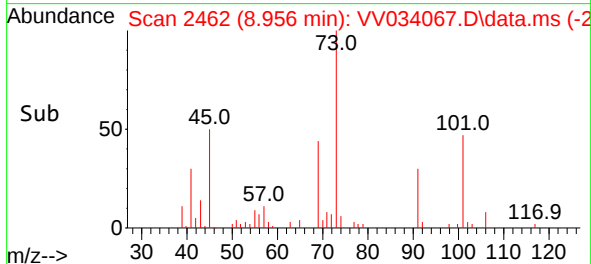
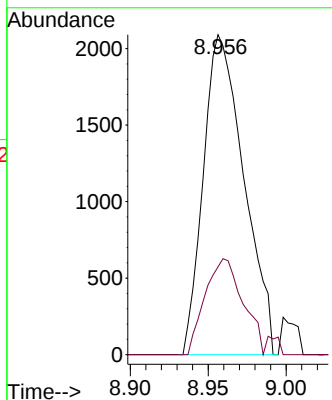
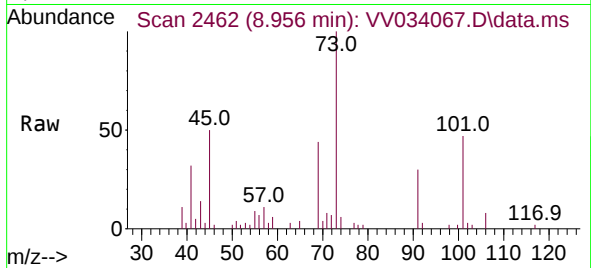




#52
Ethylbenzene
Concen: 0.116 ug/L
RT: 8.956 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

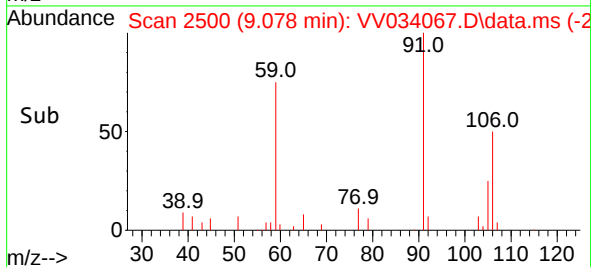
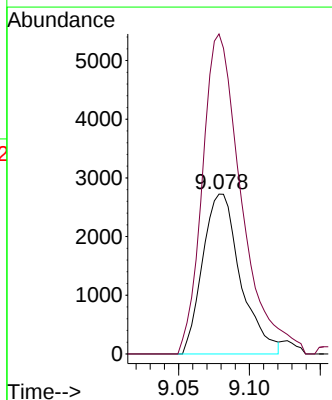
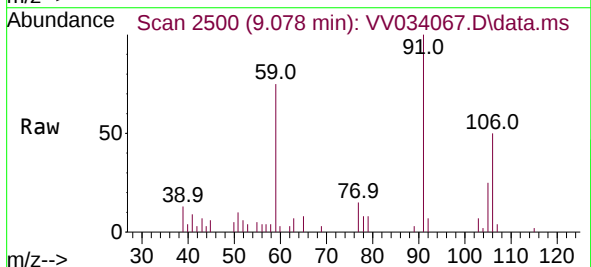
Instrument :
MSVOA_V
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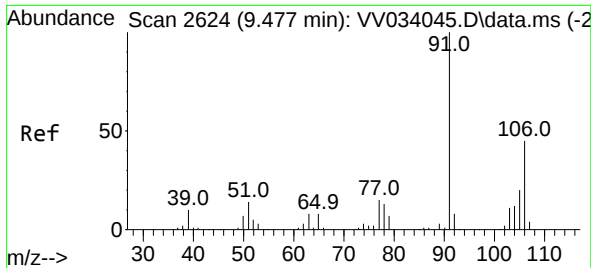
Tgt Ion: 91 Resp: 3787
Ion Ratio Lower Upper
91 100
106 27.5 21.4 39.8



#53
m,p-Xylene
Concen: 0.410 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion: 106 Resp: 5061
Ion Ratio Lower Upper
106 100
91 200.3 147.5 273.9

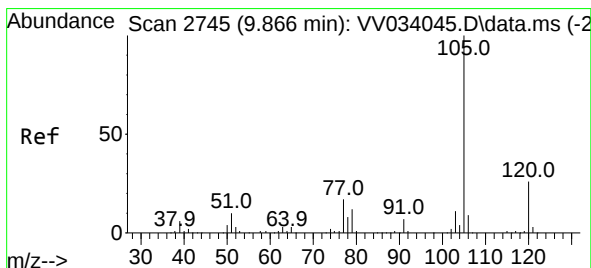
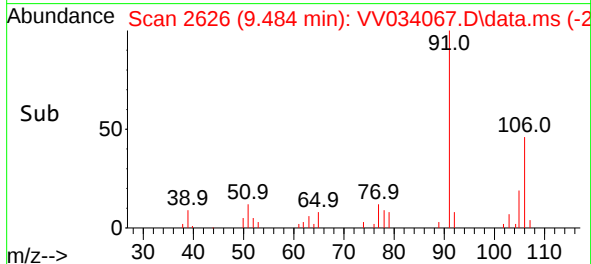
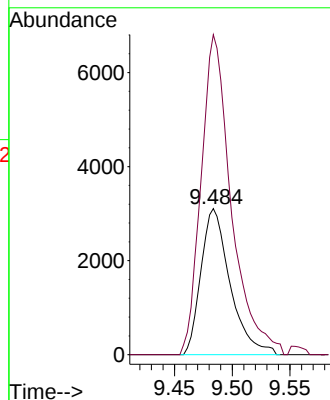
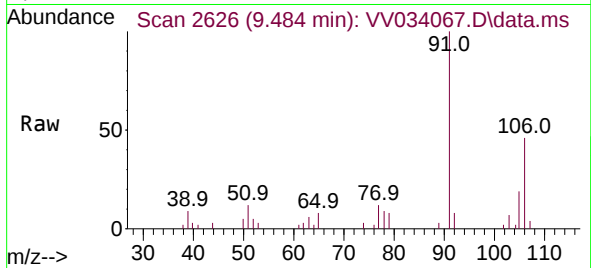




#54
o-Xylene
Concen: 0.459 ug/L
RT: 9.484 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

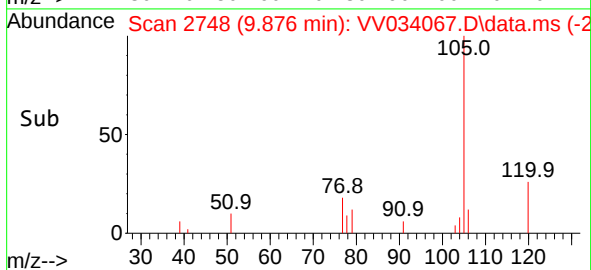
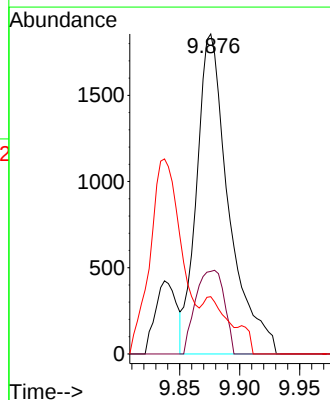
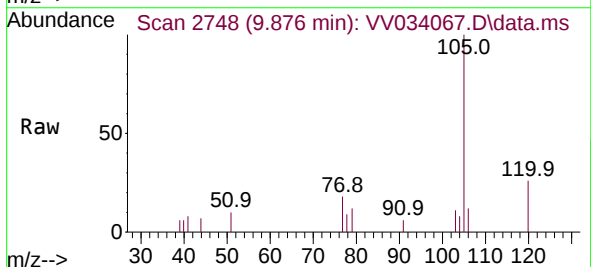
Instrument :
MSVOA_V
ClientSampleId :

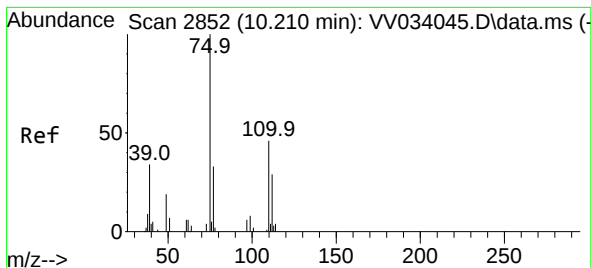
Tgt Ion:106 Resp: 5454
Ion Ratio Lower Upper
106 100
91 219.1 156.2 290.0



#60
Isopropylbenzene
Concen: 0.107 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.010 min
Lab File: VV034067.D
Acq: 08 Feb 2024 18:33

Tgt Ion:105 Resp: 3454
Ion Ratio Lower Upper
105 100
120 23.4 20.7 31.1
77 16.1 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 0.199 ug/L

RT: 10.326 min Scan# 21

Delta R.T. 0.116 min

Lab File: VV034067.D

Acq: 08 Feb 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

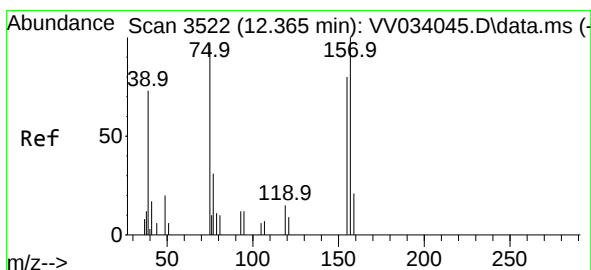
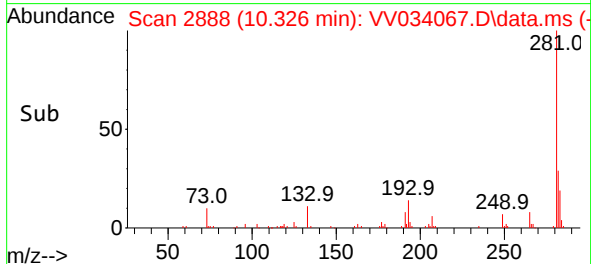
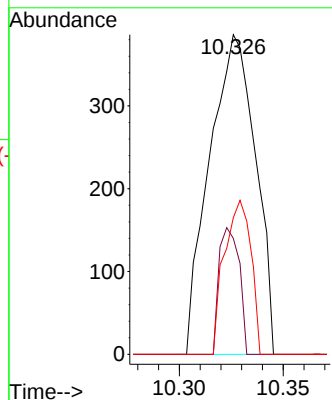
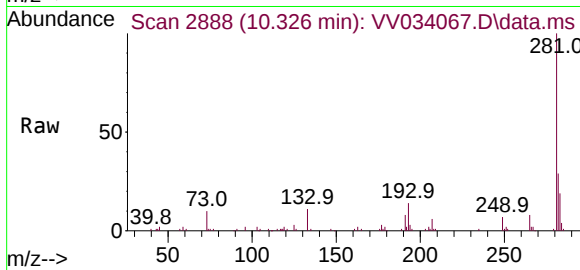
Tgt Ion: 75 Resp: 593

Ion Ratio Lower Upper

75 100

77 943.8 26.9 40.3#

110 27.8 33.3 49.9#



#68

1,2-Dibromo-3-chloropropane

Concen: 2.316 ug/L

RT: 12.194 min Scan# 3469

Delta R.T. -0.171 min

Lab File: VV034067.D

Acq: 08 Feb 2024 18:33

Tgt Ion: 75 Resp: 1450

Ion Ratio Lower Upper

75 100

155 17.3 68.9 103.3#

157 0.0 84.6 127.0#

