

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034105.D
 Acq On : 09 Feb 2024 12:26
 Operator : SY/MD
 Sample : P1383-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 13:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75652	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27450	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.532	69	23386	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.060	65	13388	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.796	46	44884	45.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	4.252	84	48058	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.947	65	26084	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	4.963	84	93796	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.992	67	27434	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.246	98	87346	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	10660	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.024	63	40641	50.353	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16690	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	31216	4.668	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
13) Acetone	2.117	43	4219	5.652	ug/L #	47
15) Methyl Acetate	2.471	43	10762	6.091	ug/L #	53
22) cis-1,2-Dichloroethene	3.825	96	2322	0.380	ug/L	89
30) Cyclohexane	4.587	56	7098	0.761	ug/L	97
33) Benzene	5.018	78	19621	0.916	ug/L	100
34) Trichloroethene	5.838	95	25119	4.053	ug/L	98
35) Methylcyclohexane	6.050	83	7327	0.753	ug/L	99
37) 1,2-Dichloropropane	5.992	63	3436	0.662	ug/L #	87
42) Toluene	7.320	91	42711	1.866	ug/L	100
47) Tetrachloroethene	7.908	164	1619	0.322	ug/L	88
49) Dibromochloromethane	7.911	129	1592	0.418	ug/L #	11
52) Ethylbenzene	8.953	91	11886	0.451	ug/L	96
53) m,p-Xylene	9.079	106	4488	0.451	ug/L	100
54) o-Xylene	9.484	106	2490	0.259	ug/L	92
61) 1,2,3-Trichloropropane	11.185	75	4803	1.900	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.853	105	3810	0.170	ug/L	92

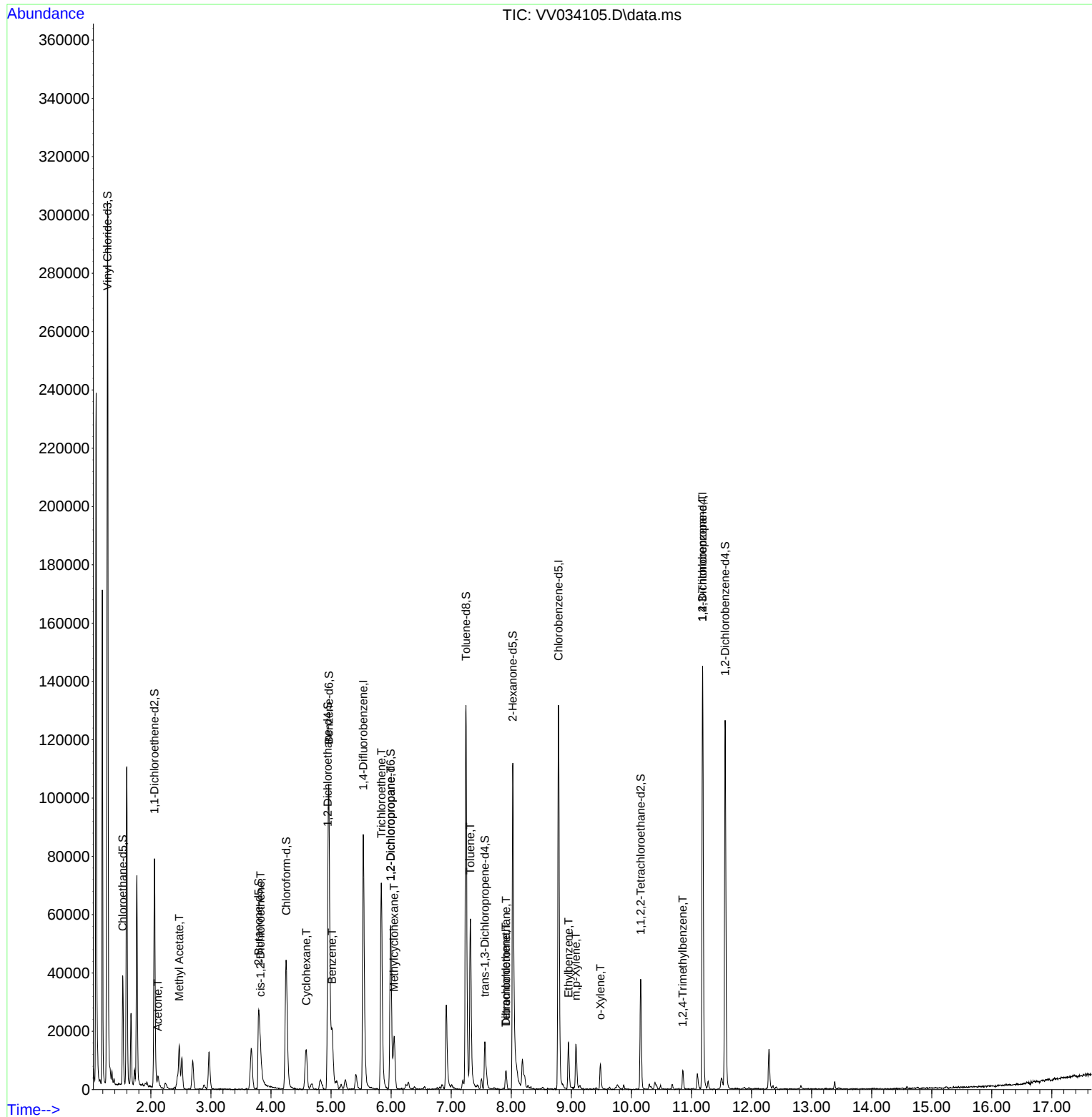
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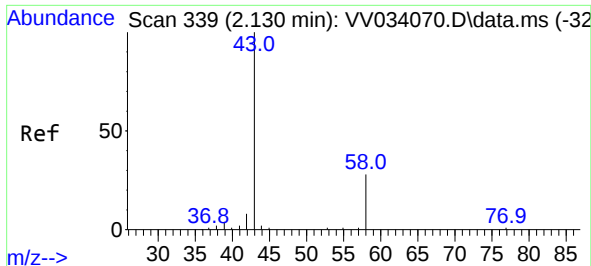
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034105.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 03:48:51 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.652 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_V

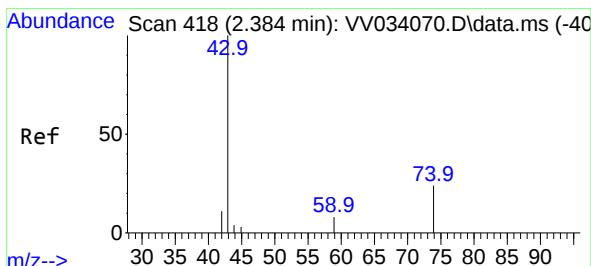
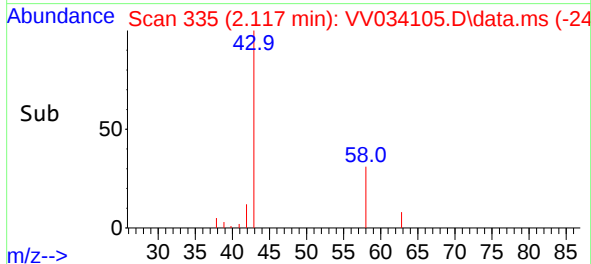
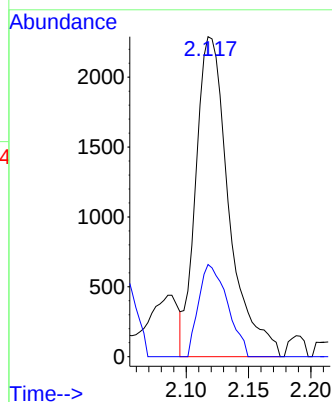
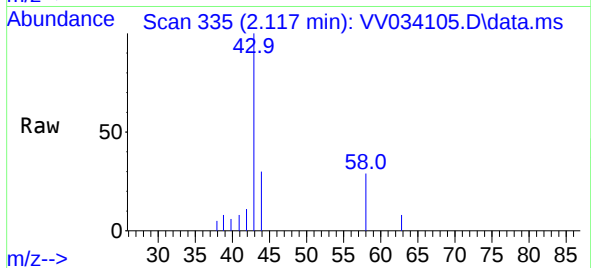
ClientSampleId :

Tgt Ion: 43 Resp: 4219

Ion Ratio Lower Upper

43 100

58 25.1 0.0 13.8#



#15

Methyl Acetate

Concen: 6.091 ug/L

RT: 2.471 min Scan# 445

Delta R.T. 0.087 min

Lab File: VV034105.D

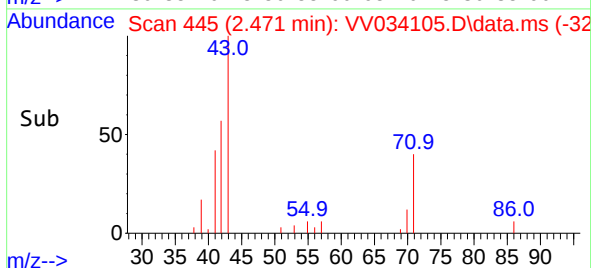
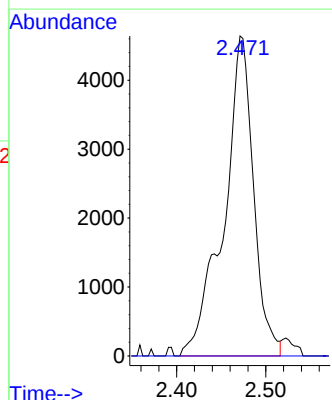
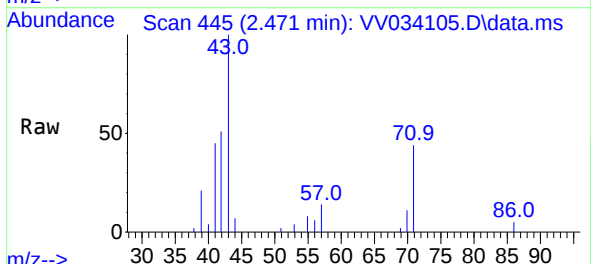
Acq: 09 Feb 2024 12:26

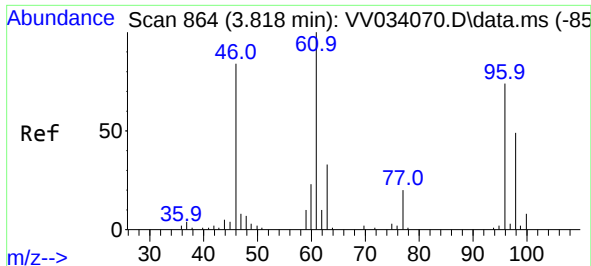
Tgt Ion: 43 Resp: 10762

Ion Ratio Lower Upper

43 100

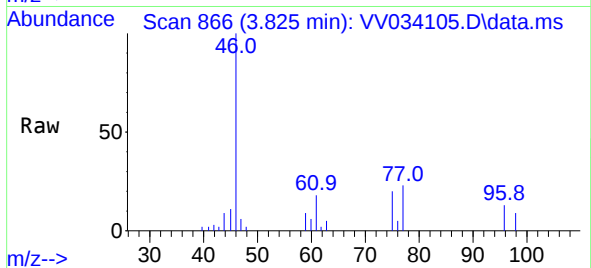
74 0.0 18.2 27.4#





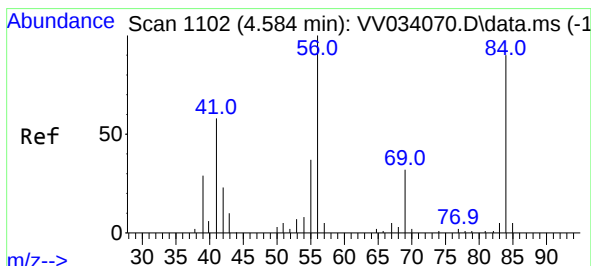
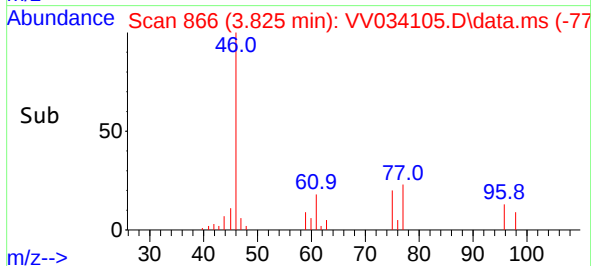
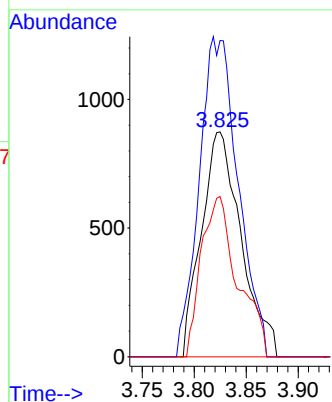
#22
 cis-1,2-Dichloroethene
 Concen: 0.380 ug/L
 RT: 3.825 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VV034105.D
 Acq: 09 Feb 2024 12:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 2322

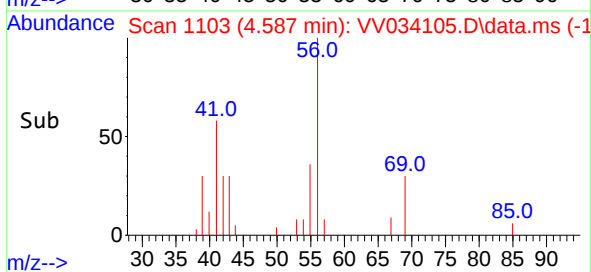
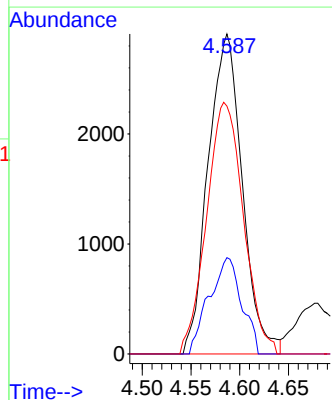
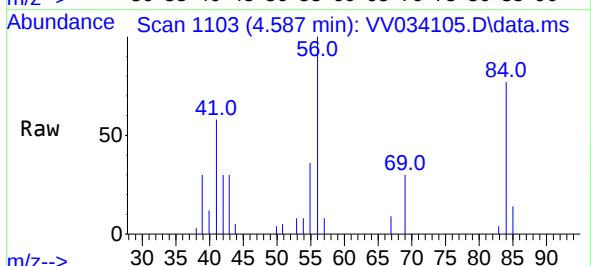
Ion	Ratio	Lower	Upper
96	100		
61	140.6	90.3	167.7
98	71.3	43.2	80.2

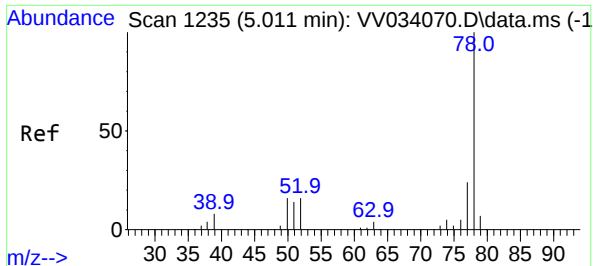


#30
 Cyclohexane
 Concen: 0.761 ug/L
 RT: 4.587 min Scan# 1103
 Delta R.T. 0.003 min
 Lab File: VV034105.D
 Acq: 09 Feb 2024 12:26

Tgt Ion: 56 Resp: 7098

Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.2	36.2
84	84.5	70.0	105.0

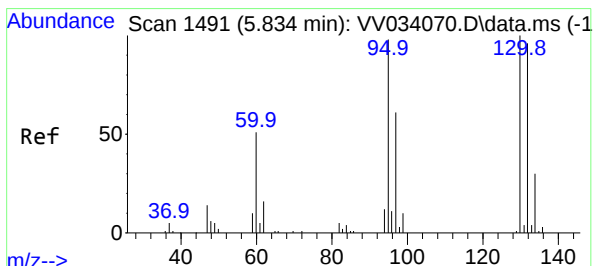
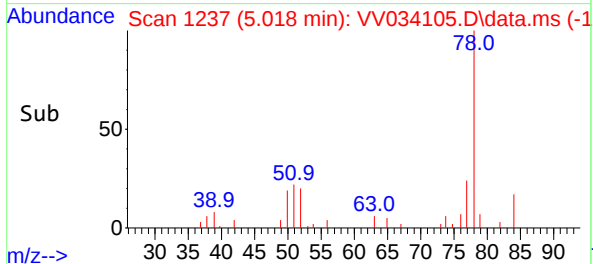
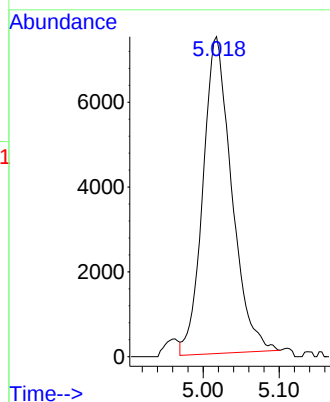
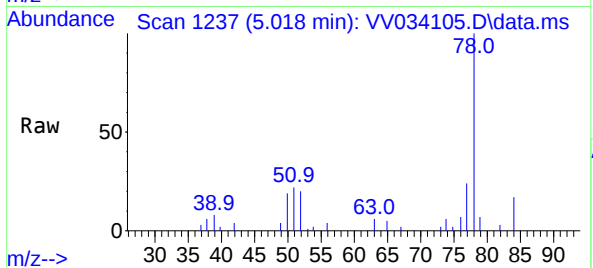




#33
Benzene
Concen: 0.916 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :

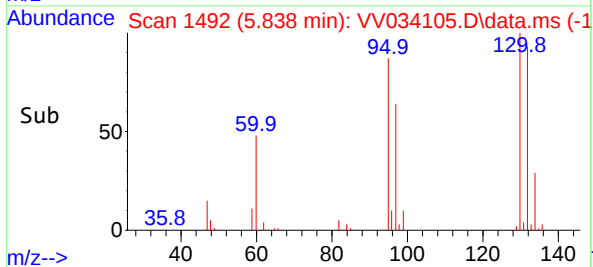
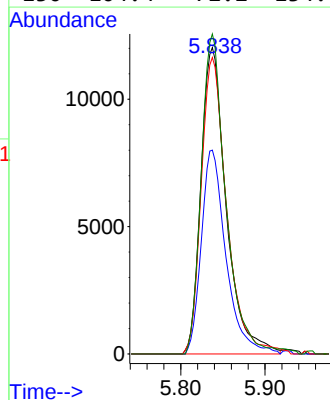
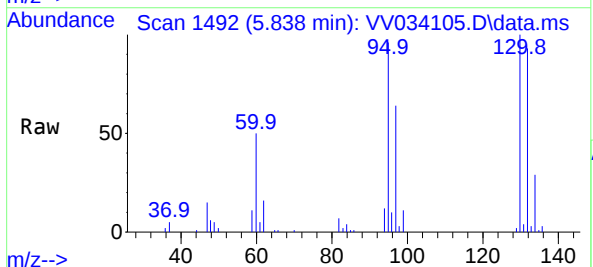
Tgt Ion: 78 Resp: 19621

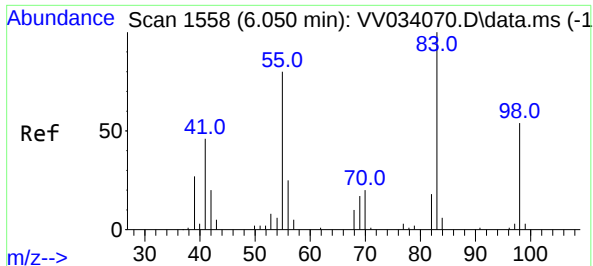


#34
Trichloroethene
Concen: 4.053 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 95 Resp: 25119

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.7
132	96.8	66.0	122.6
130	104.4	72.2	134.0





#35

Methylcyclohexane

Concen: 0.753 ug/L

RT: 6.050 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

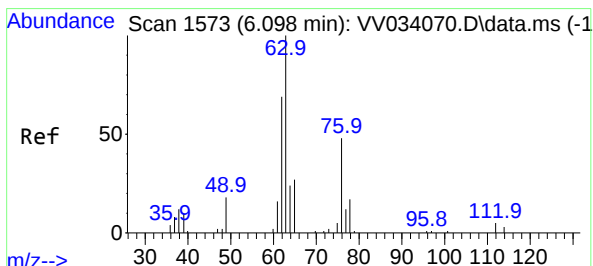
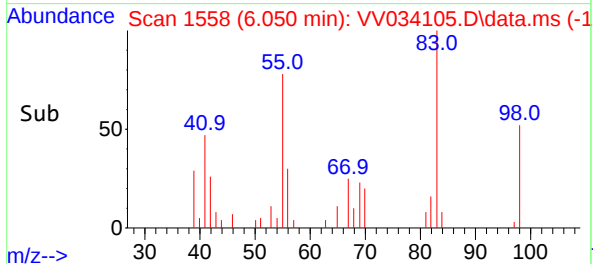
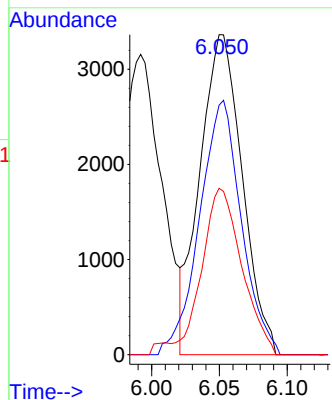
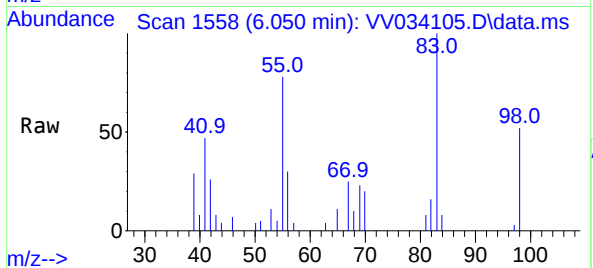
Tgt Ion: 83 Resp: 7327

Ion Ratio Lower Upper

83 100

55 78.3 63.5 95.3

98 48.9 39.0 58.4



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.106 min

Lab File: VV034105.D

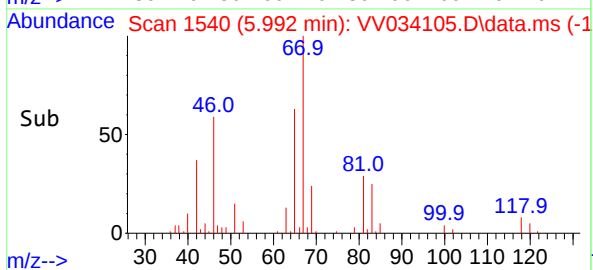
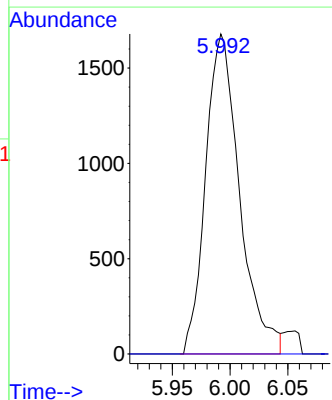
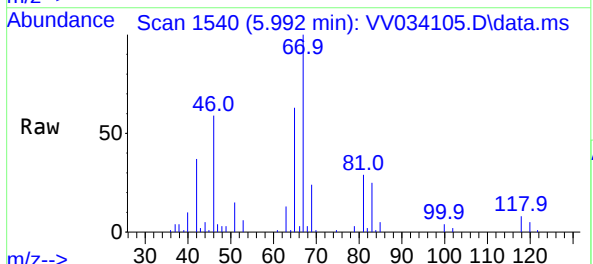
Acq: 09 Feb 2024 12:26

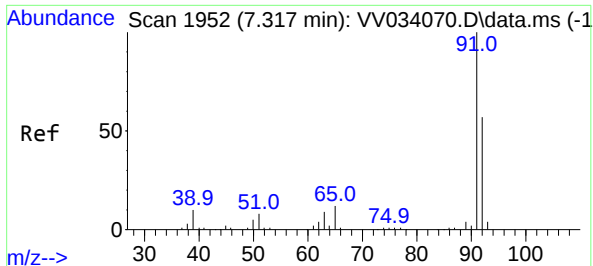
Tgt Ion: 63 Resp: 3436

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

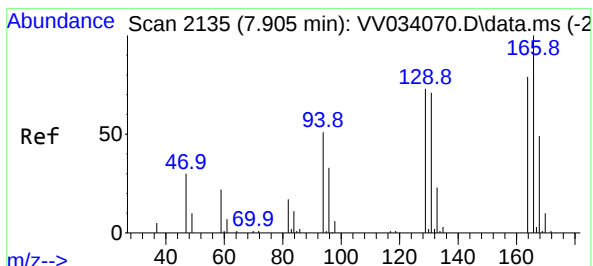
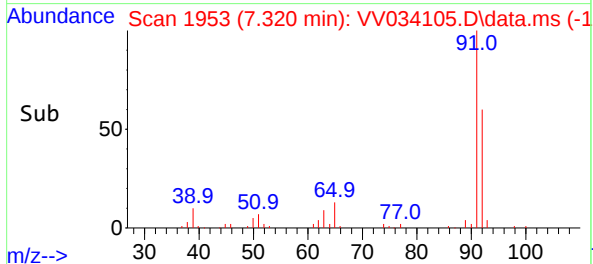
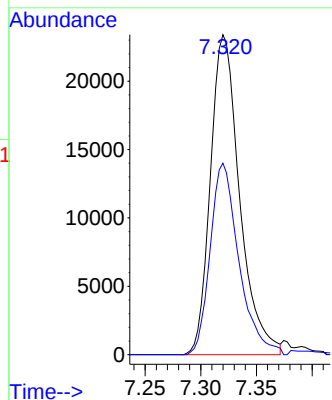
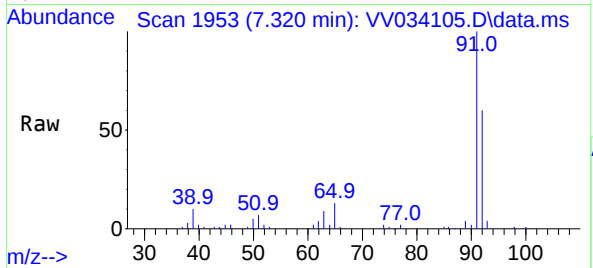




#42
Toluene
Concen: 1.866 ug/L
RT: 7.320 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

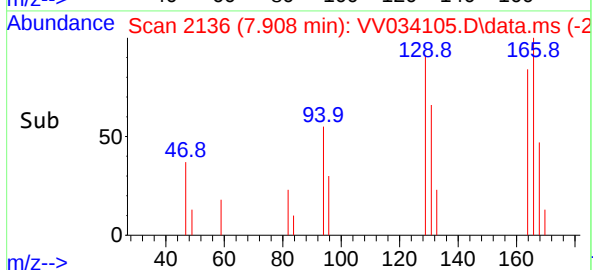
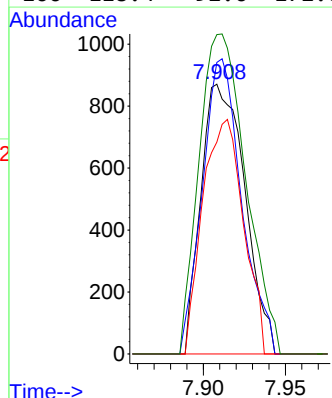
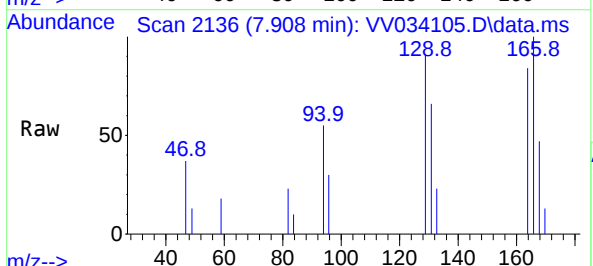
Instrument :
MSVOA_V
ClientSampleId :

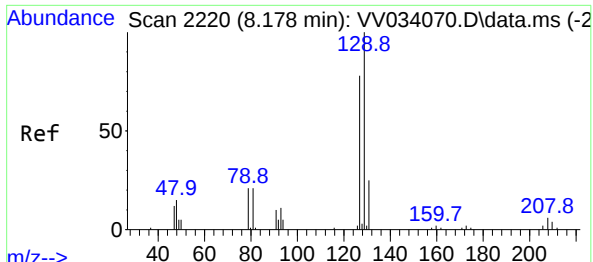
Tgt Ion: 91 Resp: 42711
Ion Ratio Lower Upper
91 100
92 59.8 42.1 78.3



#47
Tetrachloroethene
Concen: 0.322 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Tgt Ion:164 Resp: 1619
Ion Ratio Lower Upper
164 100
129 108.0 67.8 125.8
131 78.5 63.0 117.0
166 118.4 92.6 172.0

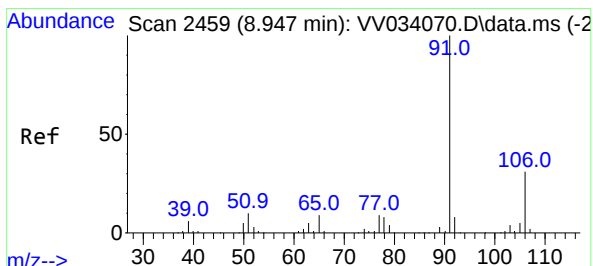
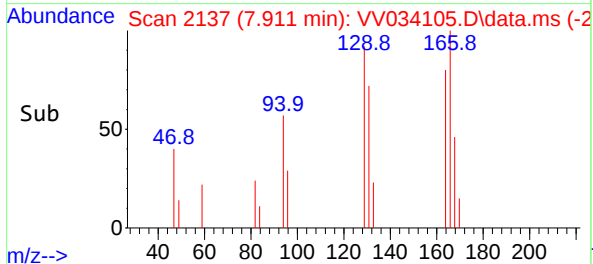
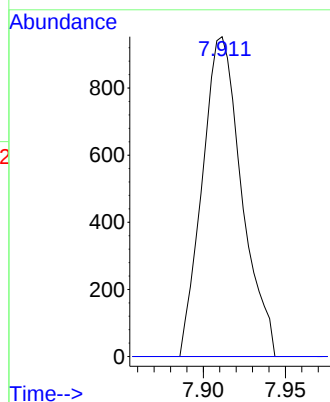
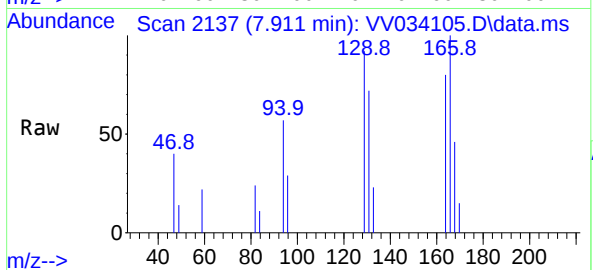




#49
Dibromochloromethane
Concen: 0.418 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.267 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

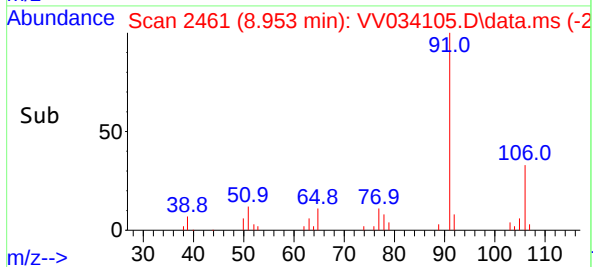
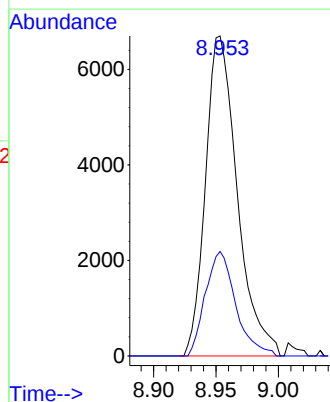
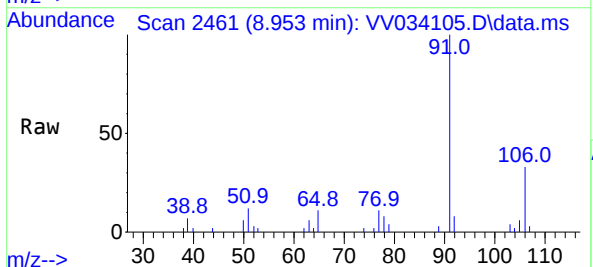
Instrument :
MSVOA_V
ClientSampleId :

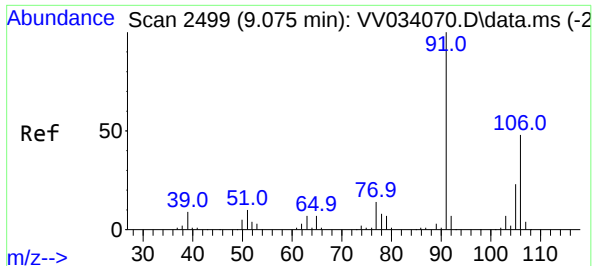
Tgt Ion:129 Resp: 1592
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#52
Ethylbenzene
Concen: 0.451 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 91 Resp: 11886
Ion Ratio Lower Upper
91 100
106 32.6 21.4 39.8





#53

m,p-Xylene

Concen: 0.451 ug/L

RT: 9.079 min Scan# 2499

Delta R.T. 0.003 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_V

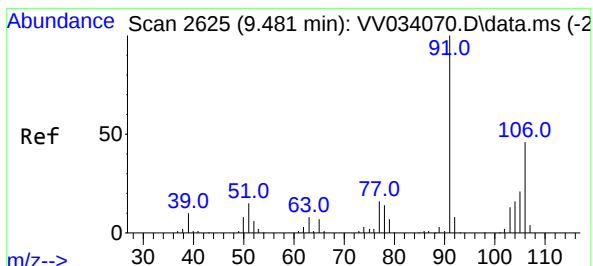
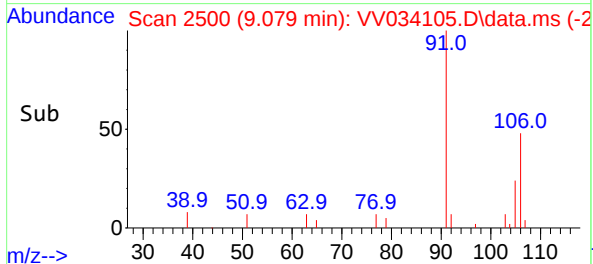
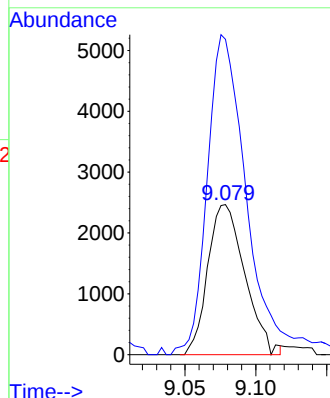
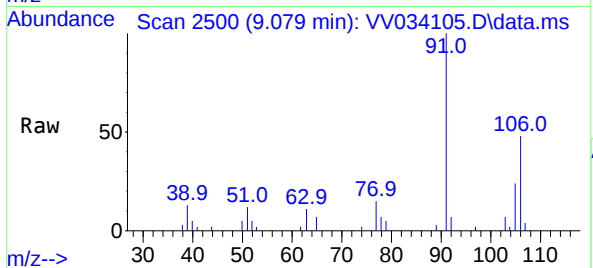
ClientSampleId :

Tgt Ion:106 Resp: 4488

Ion Ratio Lower Upper

106 100

91 210.1 147.5 273.9



#54

o-Xylene

Concen: 0.259 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.003 min

Lab File: VV034105.D

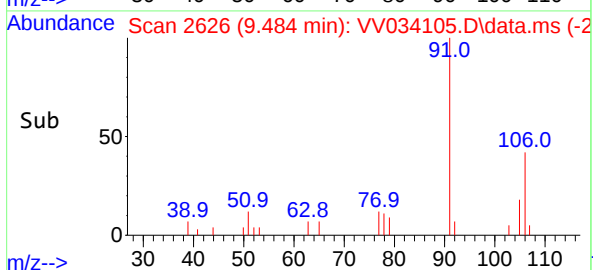
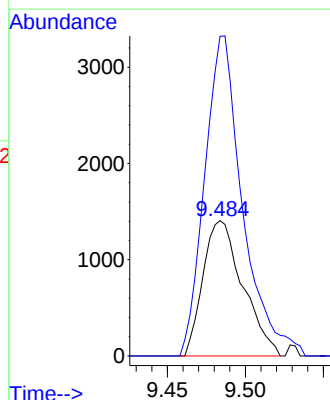
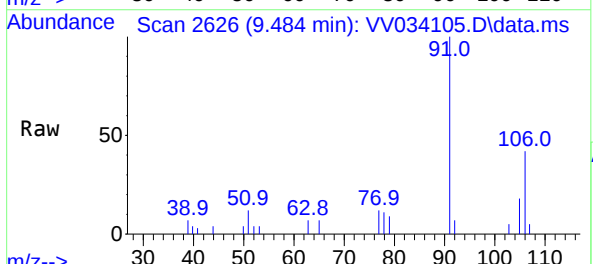
Acq: 09 Feb 2024 12:26

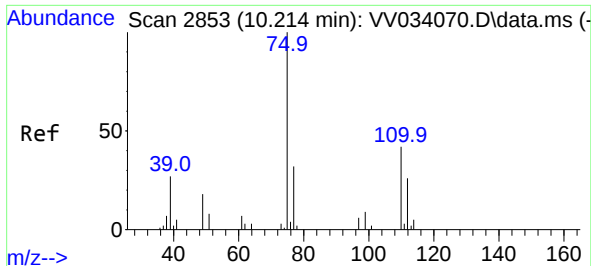
Tgt Ion:106 Resp: 2490

Ion Ratio Lower Upper

106 100

91 236.1 156.2 290.0





#61

1,2,3-Trichloropropane

Concen: 1.900 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.971 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

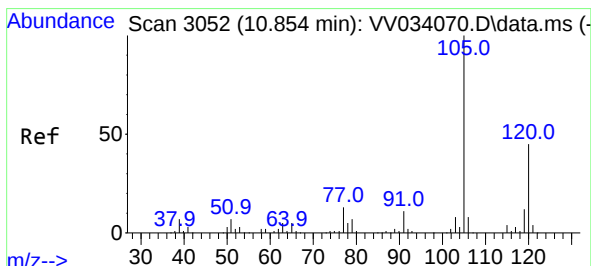
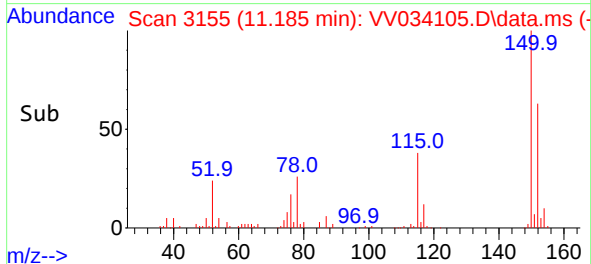
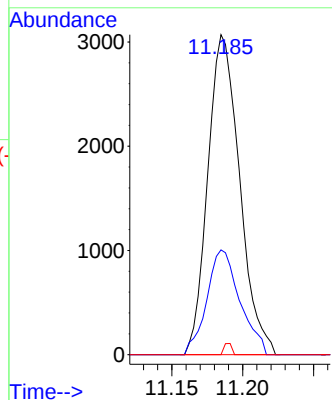
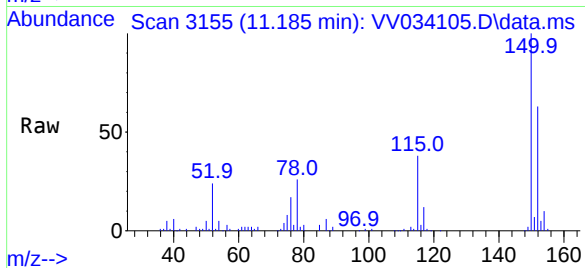
Tgt Ion: 75 Resp: 4803

Ion Ratio Lower Upper

75 100

77 34.1 26.9 40.3

110 0.9 33.3 49.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.170 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Tgt Ion:105 Resp: 3810

Ion Ratio Lower Upper

105 100

120 50.6 36.2 54.2

