

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
 Data File : VV034105.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 :
 E0YC3

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)

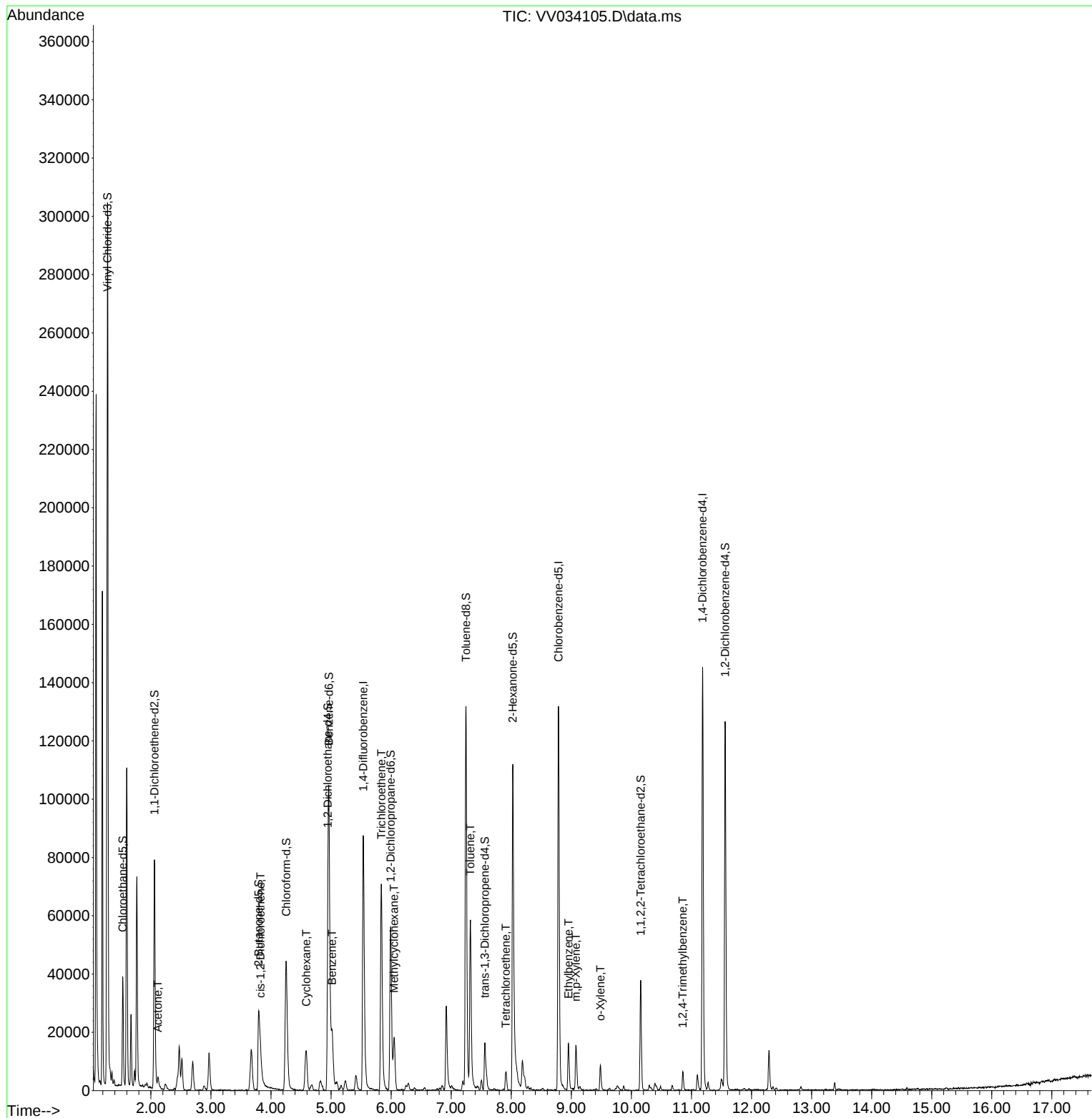
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	75652	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27450	4.685	ug/L	0.00
Spiked Amount	5.000	Range	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						
13) Acetone	2.117	43	4219	5.652	ug/L	# 47
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
42) Toluene	7.320	91	42711	1.866	ug/L	100
47) Tetrachloroethene	7.908	164	1619	0.322	ug/L	88
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
63) 1,2,4-Trimethylbenzene	10.853	105	3810	0.170	ug/L	92

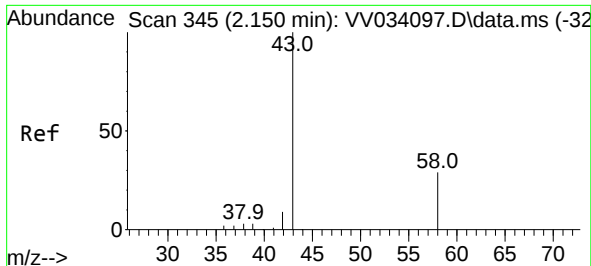
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

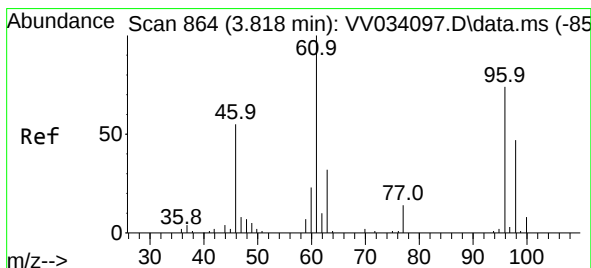
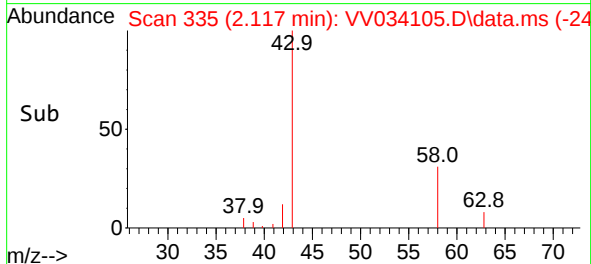
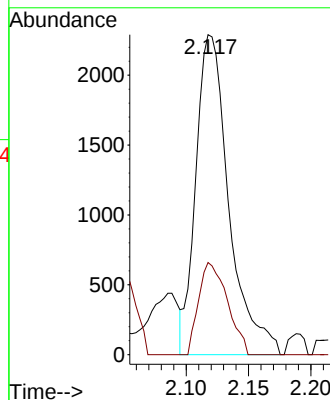
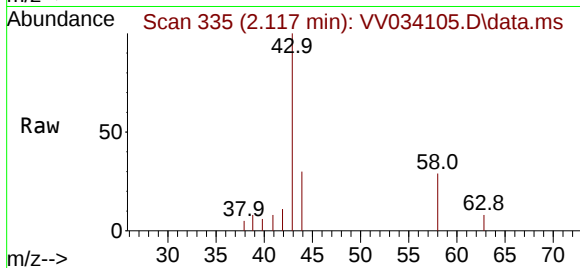
E0YC3

Tgt Ion: 43 Resp: 4219

Ion Ratio Lower Upper

43 100

58 25.1 0.0 13.8#



#22

cis-1,2-Dichloroethene

Concen: 0.380 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.006 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

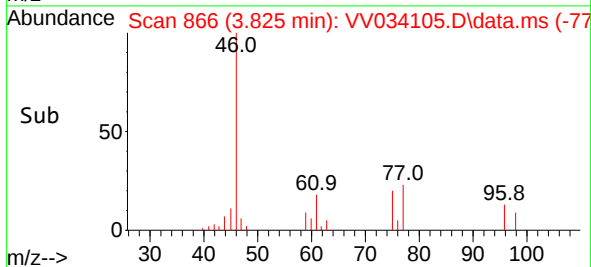
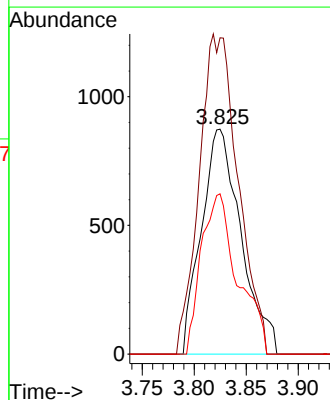
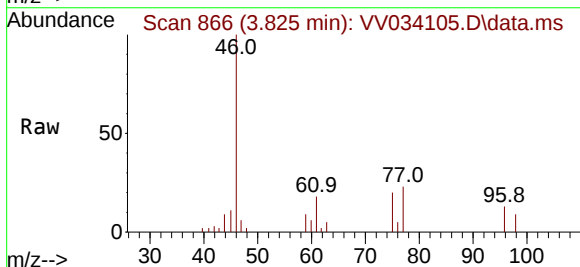
Tgt Ion: 96 Resp: 2322

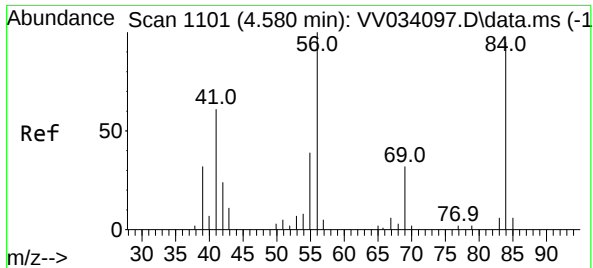
Ion Ratio Lower Upper

96 100

61 140.6 90.3 167.7

98 71.3 43.2 80.2

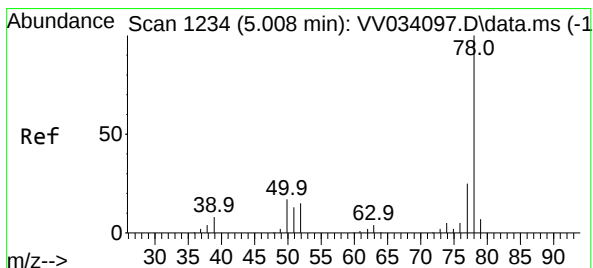
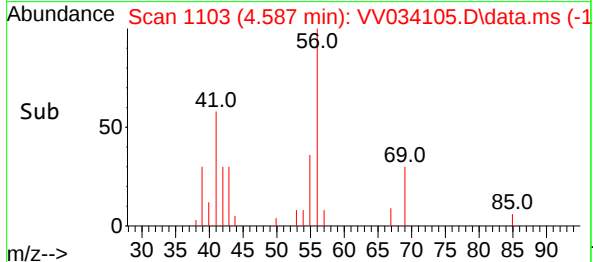
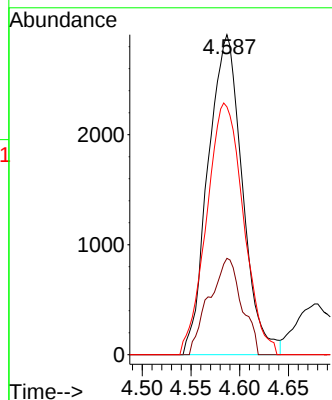
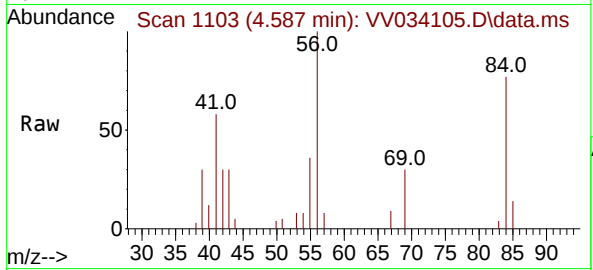




#30
Cyclohexane
Concen: 0.761 ug/L
RT: 4.587 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

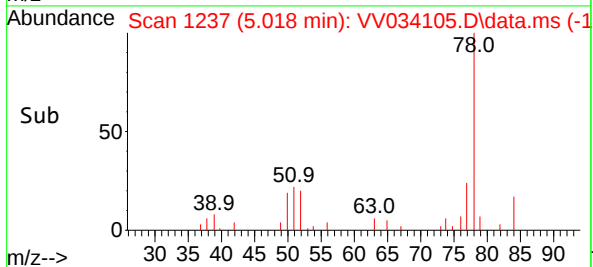
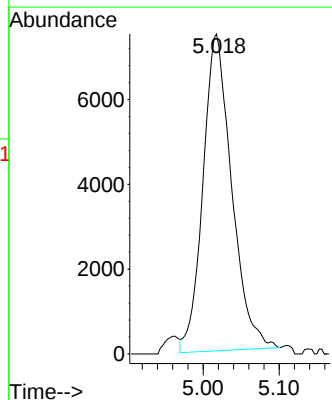
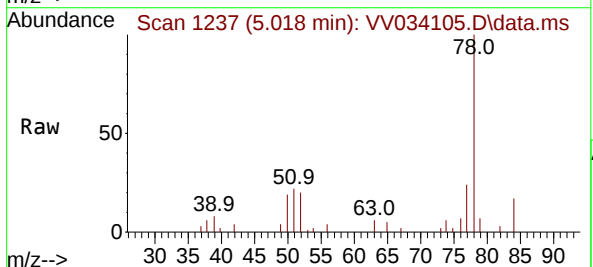
Instrument :
MSVOA_V
ClientSampleId :
E0YC3

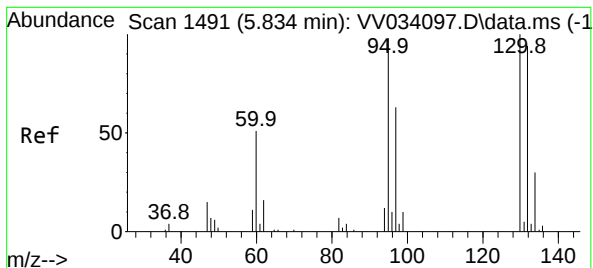
Tgt Ion: 56 Resp: 7098
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.2
84 84.5 70.0 105.0



#33
Benzene
Concen: 0.916 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 78 Resp: 19621





#34

Trichloroethene

Concen: 4.053 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

Tgt Ion: 95 Resp: 25119

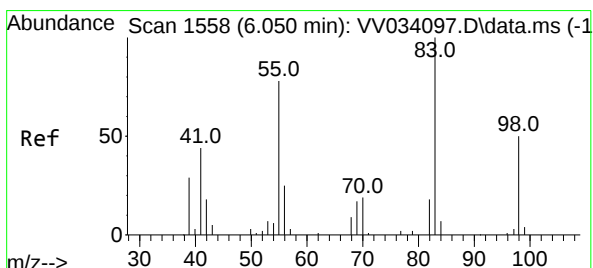
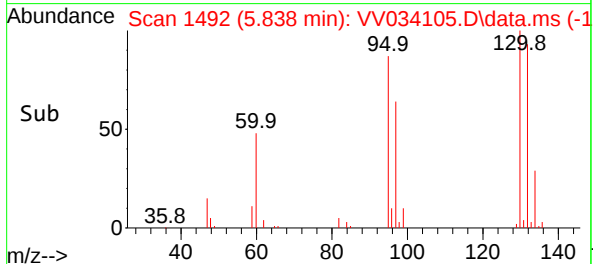
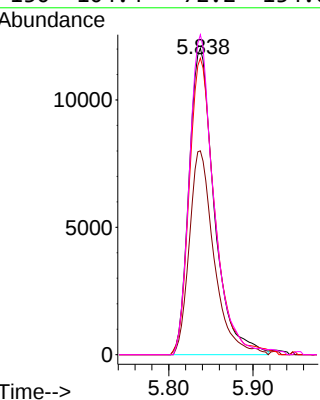
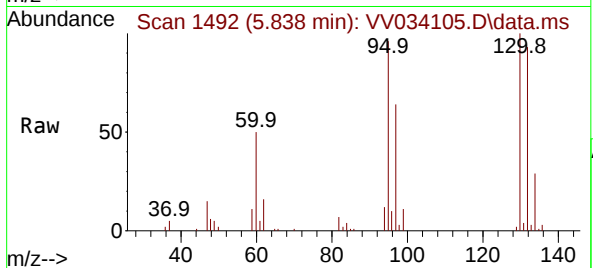
Ion Ratio Lower Upper

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# 1558

Delta R.T. -0.000 min

Lab File: VV034105.D

Acq: 09 Feb 2024 12:26

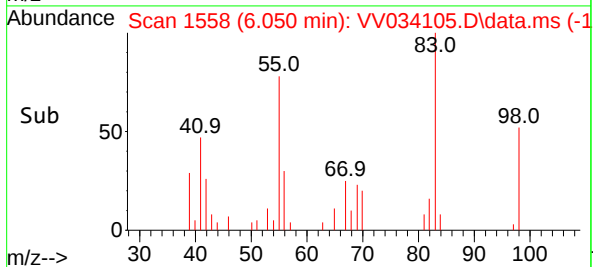
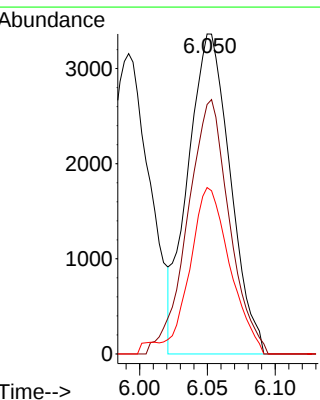
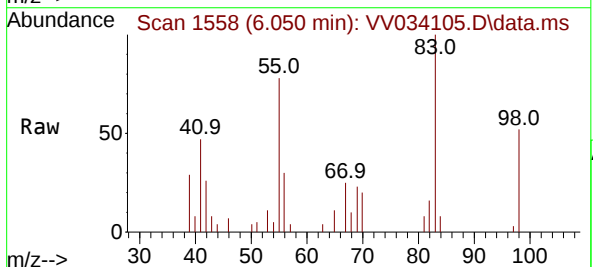
Tgt Ion: 83 Resp: 7327

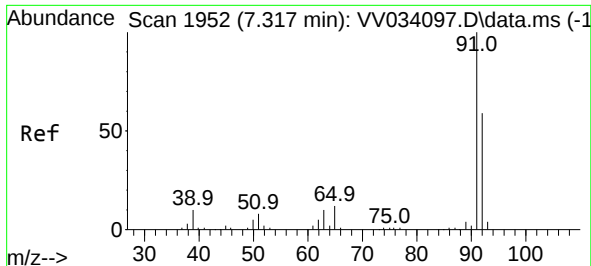
Ion Ratio Lower Upper

83 100

55 78.3 63.5 95.3

98 48.9 39.0 58.4





#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 :

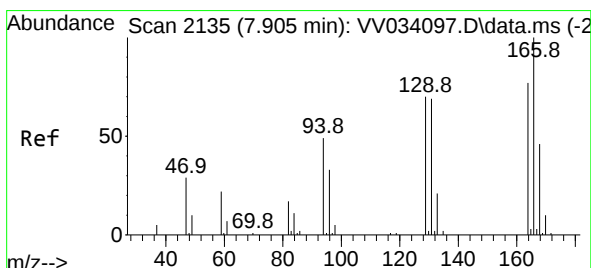
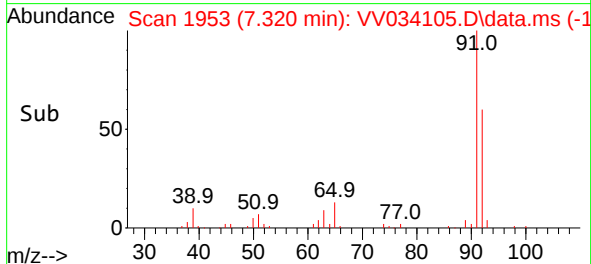
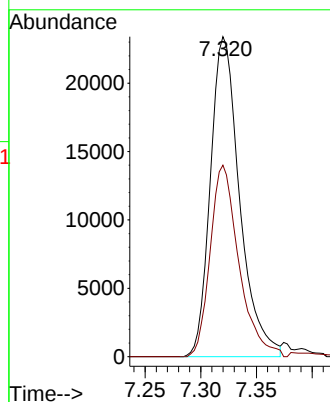
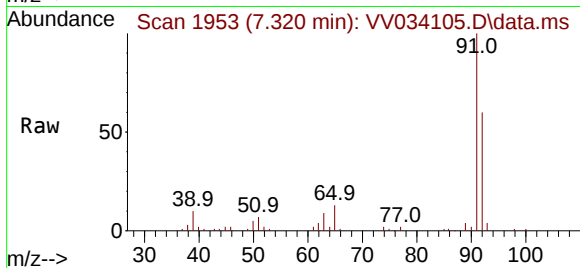
E0YC3

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

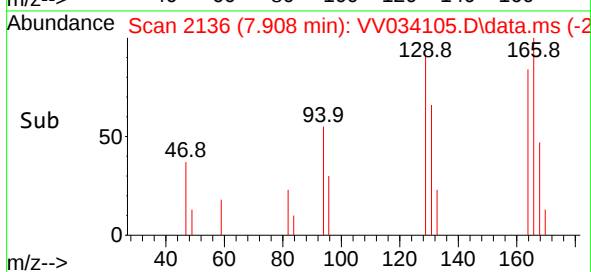
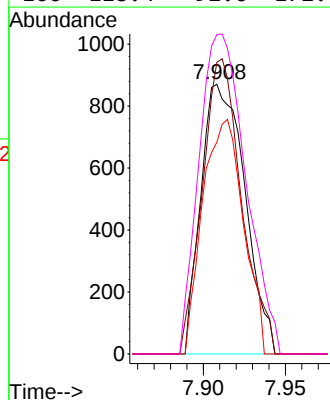
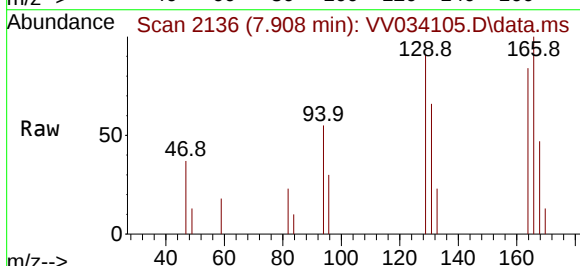
Ion Ratio Lower Upper

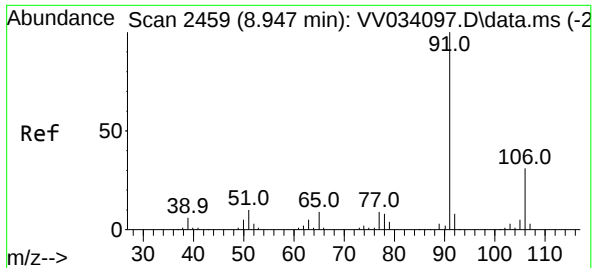
164 100

129 108.0 67.8 125.8

131 78.5 63.0 117.0

166 118.4 92.6 172.0

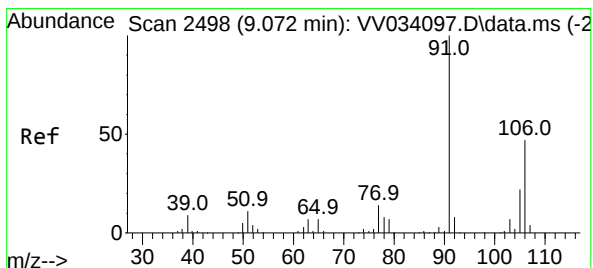
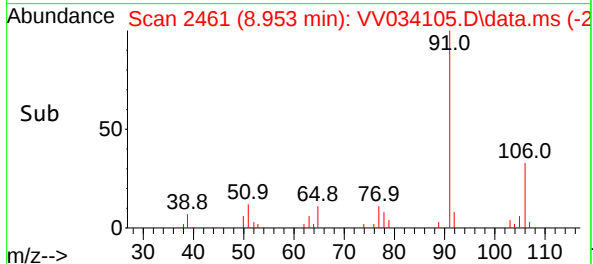
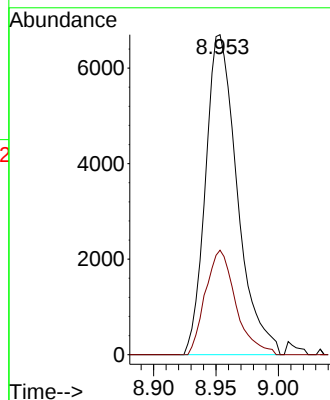
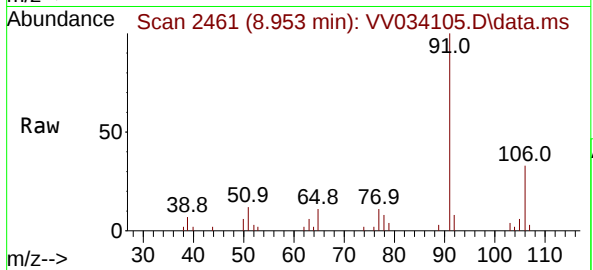




#52
Ethylbenzene
Concen: 0.451 ug/L
RT: 8.953 min Scan# 2459
Delta R.T. 0.006 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

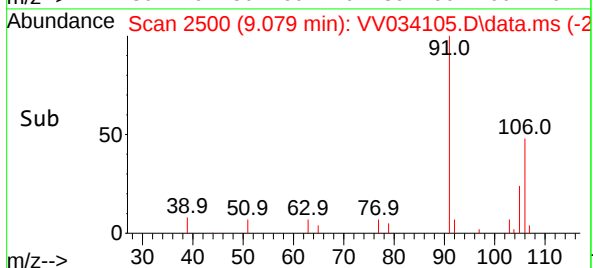
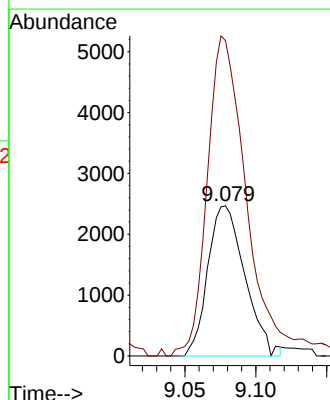
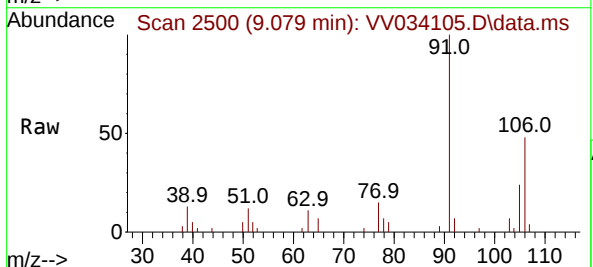
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E0YC3

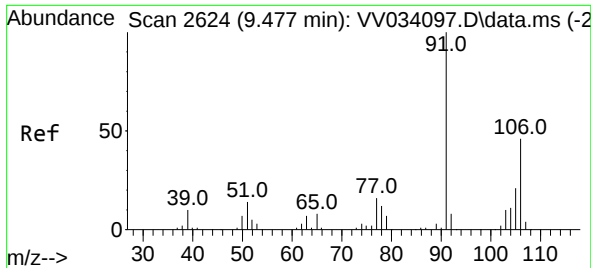
Tgt Ion: 91 Resp: 11886
Ion Ratio Lower Upper
91 100
106 32.6 21.4 39.8



#53
m,p-Xylene
Concen: 0.451 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Tgt Ion: 106 Resp: 4488
Ion Ratio Lower Upper
106 100
91 210.1 147.5 273.9

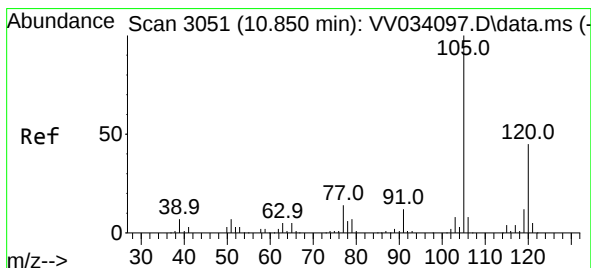
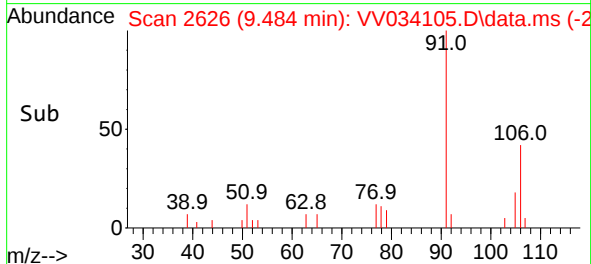
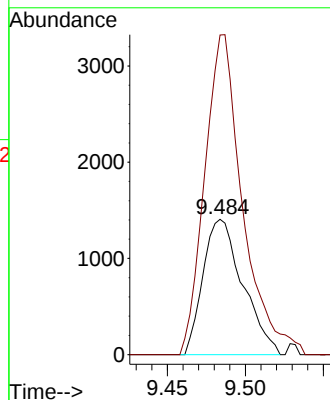
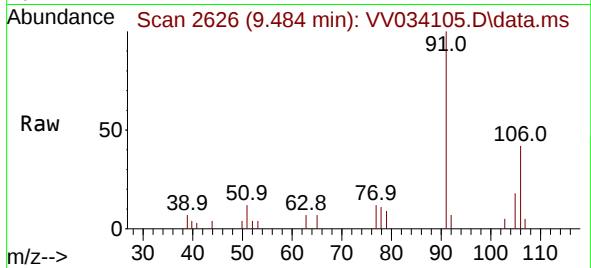




#54
o-Xylene
Concen: 0.259 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV034105.D
Acq: 09 Feb 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

Tgt Ion:106 Resp: 2490
Ion Ratio Lower Upper
106 100
91 236.1 156.2 290.0



#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

