

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034037.D
 Acq On : 07 Feb 2024 17:43
 Operator : SY/MD
 Sample : P1383-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

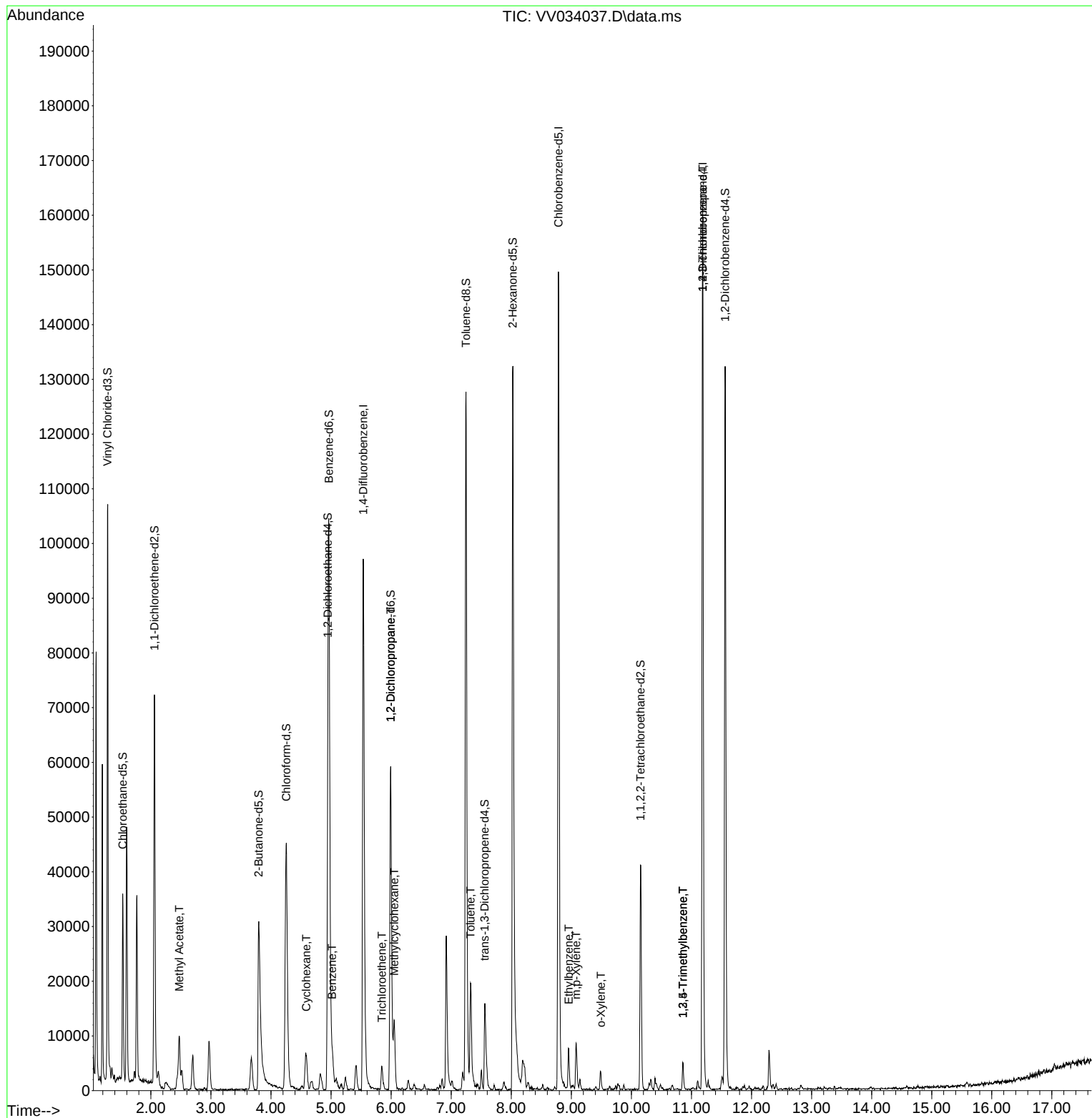
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	86589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21902	3.266	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.532	69	20595	3.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.060	65	11632	3.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.796	46	53459	47.465	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.940%
24) Chloroform-d	4.253	84	49711	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	4.947	65	25883	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.963	84	93103	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.992	67	28016	4.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.246	98	86094	3.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.558	79	10591	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.024	63	48763	54.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19311	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	32879	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
15) Methyl Acetate	2.474	43	7121	3.521	ug/L #	53
30) Cyclohexane	4.587	56	3248	0.312	ug/L	91
33) Benzene	5.015	78	5398	0.226	ug/L	100
34) Trichloroethene	5.847	95	1633	0.236	ug/L	80
35) Methylcyclohexane	6.053	83	4789	0.441	ug/L	97
37) 1,2-Dichloropropane	5.992	63	3864	0.667	ug/L #	87
42) Toluene	7.323	91	15243	0.596	ug/L	94
52) Ethylbenzene	8.956	91	5855	0.199	ug/L	95
53) m,p-Xylene	9.082	106	2563	0.231	ug/L	95
54) o-Xylene	9.490	106	1104	0.103	ug/L	99
61) 1,2,3-Trichloropropane	11.188	75	4967	1.740	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.857	105	3451	0.133	ug/L	92
63) 1,2,4-Trimethylbenzene	10.857	105	3451	0.137	ug/L	96

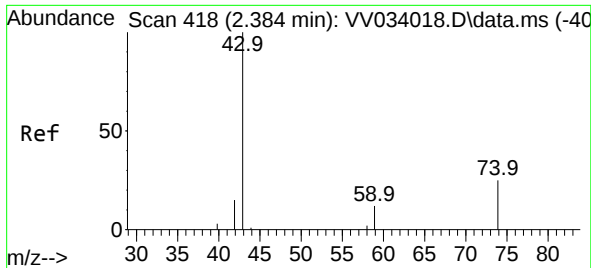
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034037.D
Acq On : 07 Feb 2024 17:43
Operator : SY/MD
Sample : P1383-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 08 04:51:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 08 04:46:29 2024
Response via : Initial Calibration

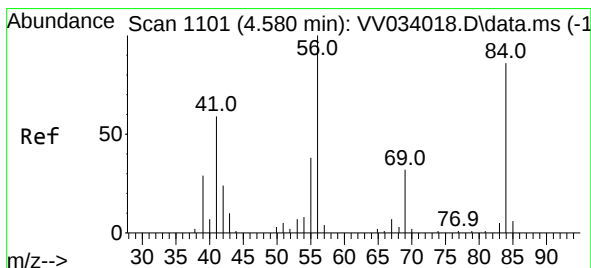
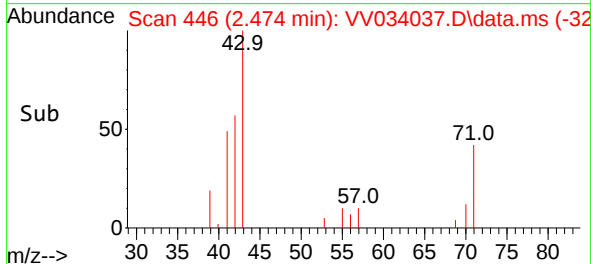
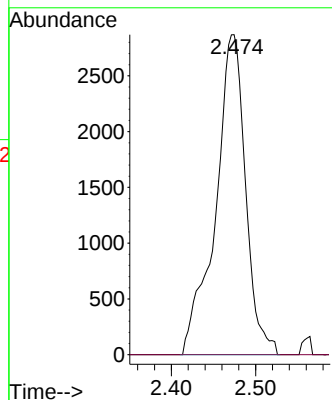
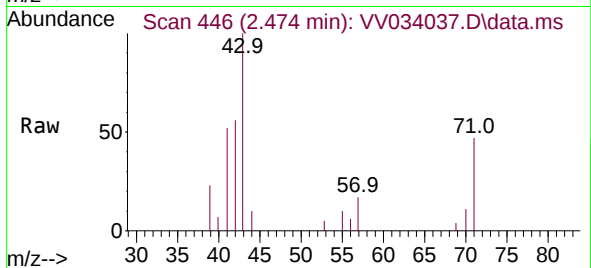




#15
Methyl Acetate
Concen: 3.521 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.090 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

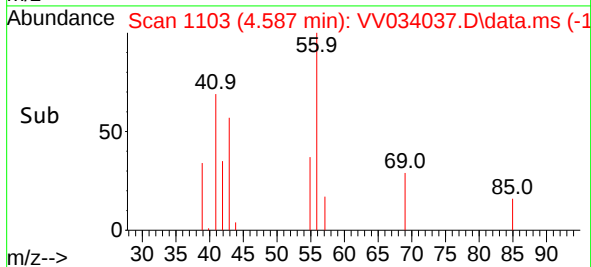
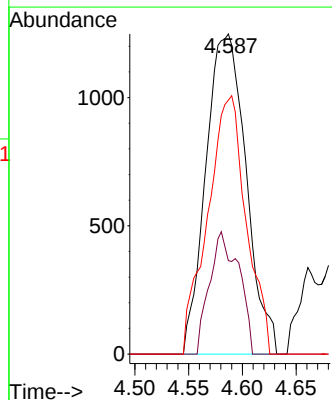
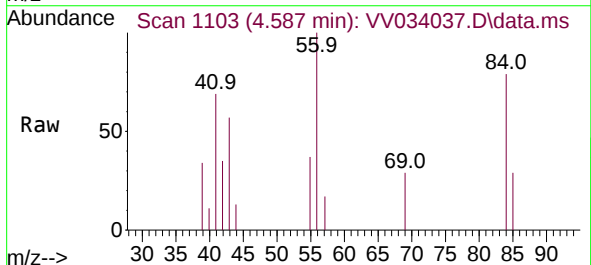
Instrument :
MSVOA_V
ClientSampleId :

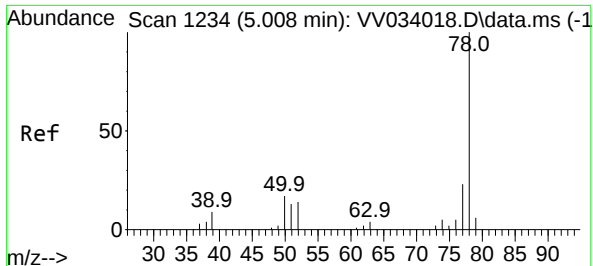
Tgt Ion: 43 Resp: 7121
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#30
Cyclohexane
Concen: 0.312 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.007 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 56 Resp: 3248
Ion Ratio Lower Upper
56 100
69 27.7 24.2 36.2
84 77.2 70.0 105.0

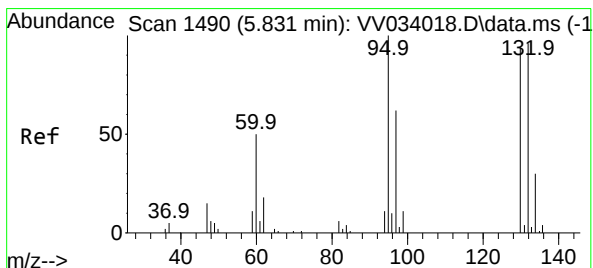
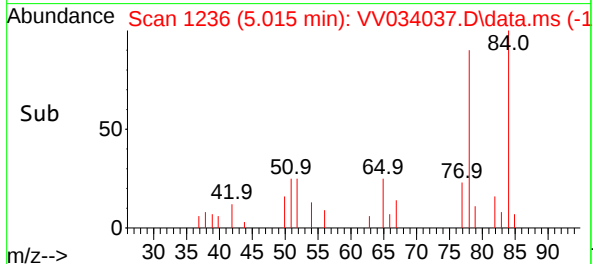
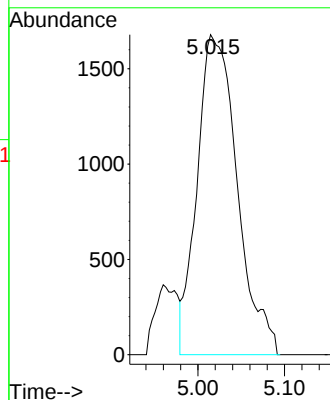
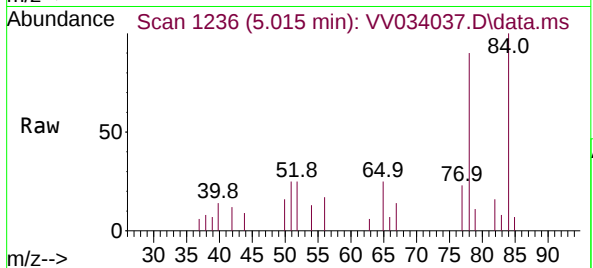




#33
Benzene
Concen: 0.226 ug/L
RT: 5.015 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :

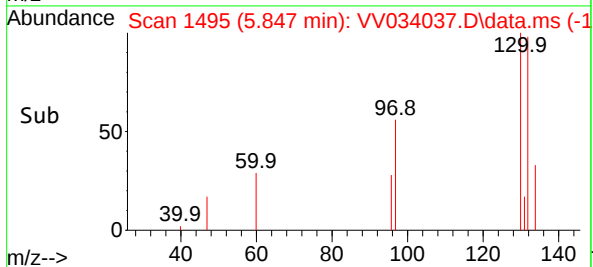
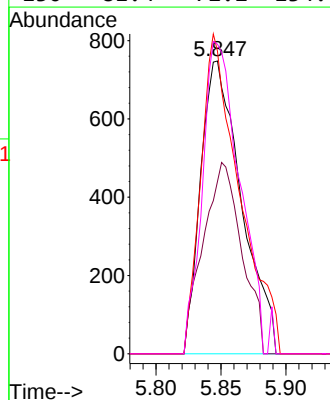
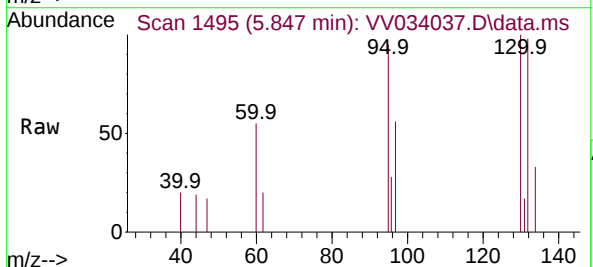
Tgt Ion: 78 Resp: 5398

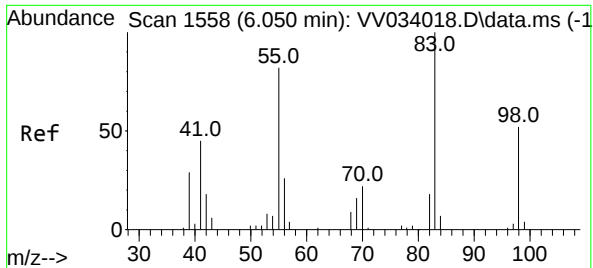


#34
Trichloroethene
Concen: 0.236 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 95 Resp: 1633

Ion	Ratio	Lower	Upper
95	100		
97	45.3	45.1	83.7
132	79.5	66.0	122.6
130	81.4	72.2	134.0





#35

Methylcyclohexane

Concen: 0.441 ug/L

RT: 6.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034037.D

Acq: 07 Feb 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

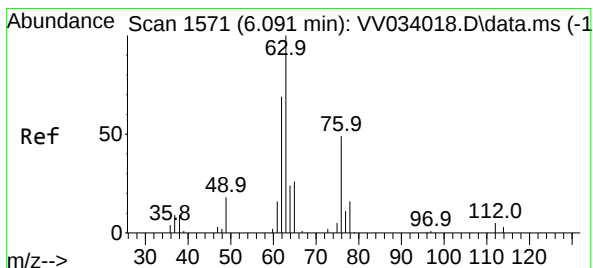
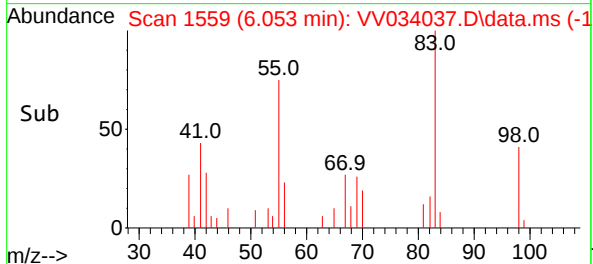
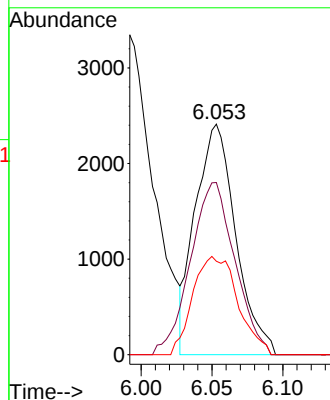
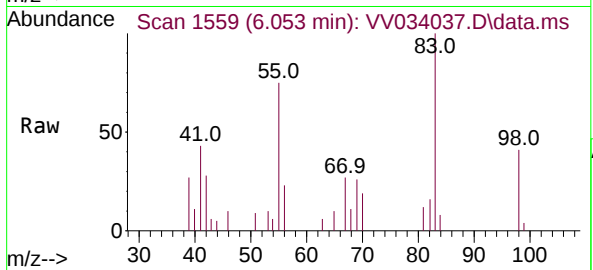
Tgt Ion: 83 Resp: 4789

Ion Ratio Lower Upper

83 100

55 82.0 63.5 95.3

98 47.4 39.0 58.4



#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.100 min

Lab File: VV034037.D

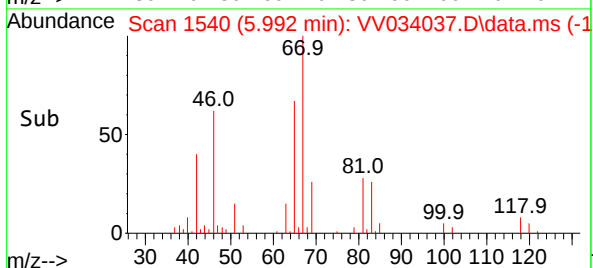
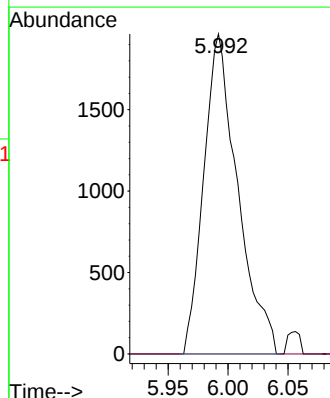
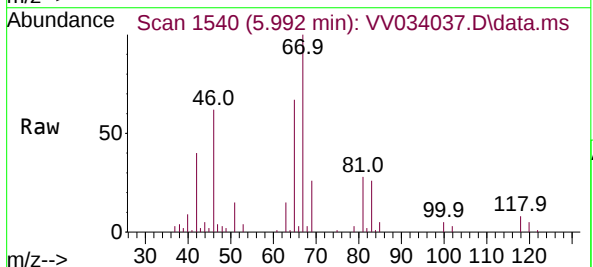
Acq: 07 Feb 2024 17:43

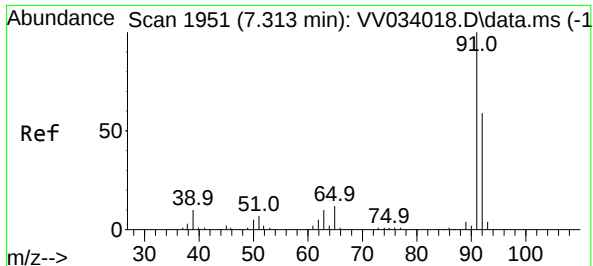
Tgt Ion: 63 Resp: 3864

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.596 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV034037.D

Acq: 07 Feb 2024 17:43

Instrument :

MSVOA_V

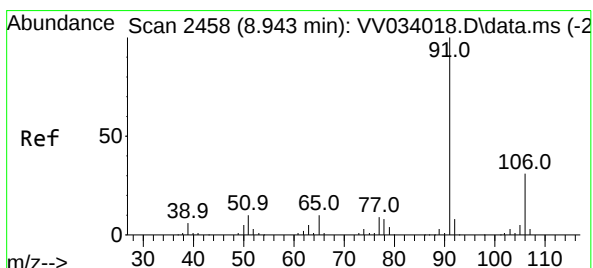
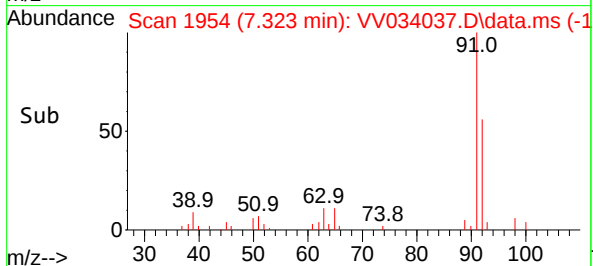
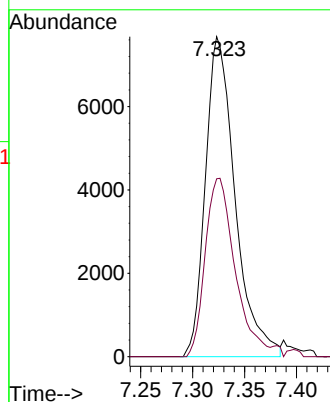
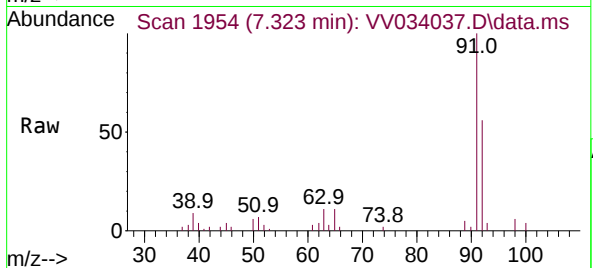
ClientSampleId :

Tgt Ion: 91 Resp: 15243

Ion Ratio Lower Upper

91 100

92 55.6 42.1 78.3



#52

Ethylbenzene

Concen: 0.199 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV034037.D

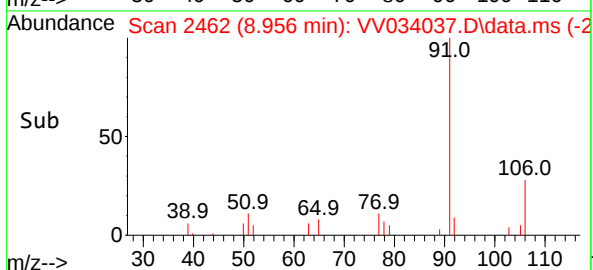
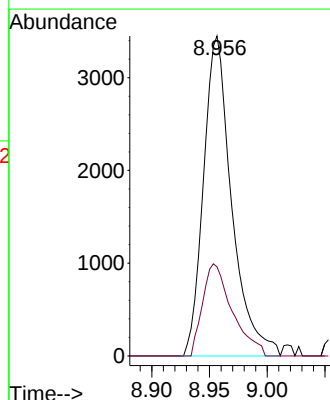
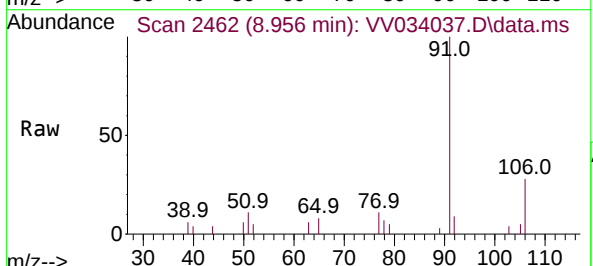
Acq: 07 Feb 2024 17:43

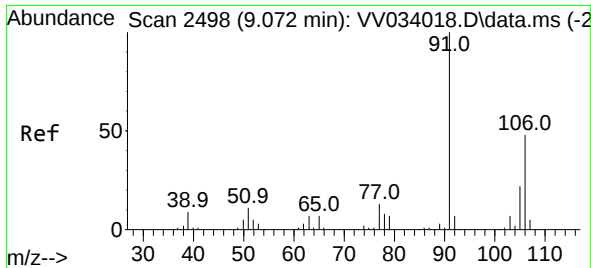
Tgt Ion: 91 Resp: 5855

Ion Ratio Lower Upper

91 100

106 27.8 21.4 39.8

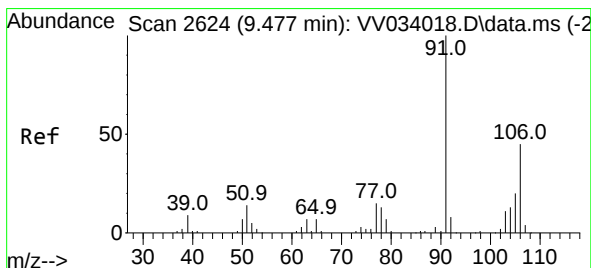
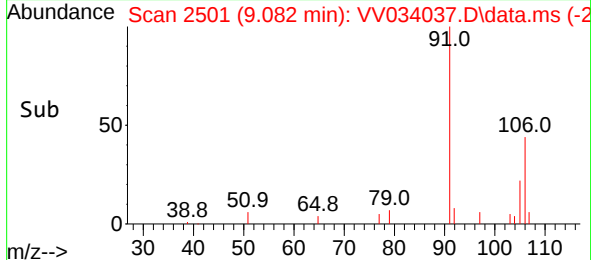
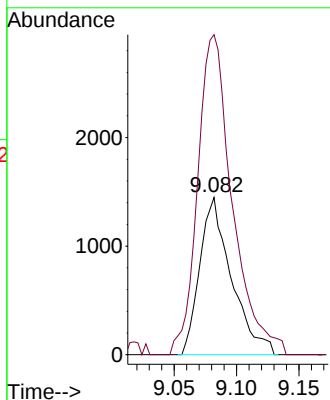
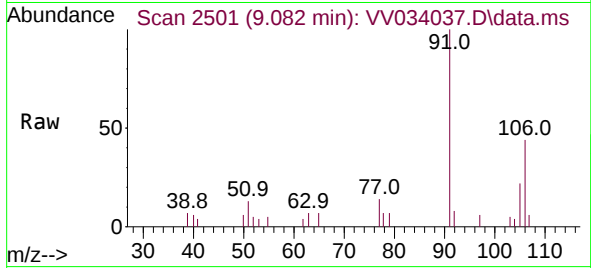




#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

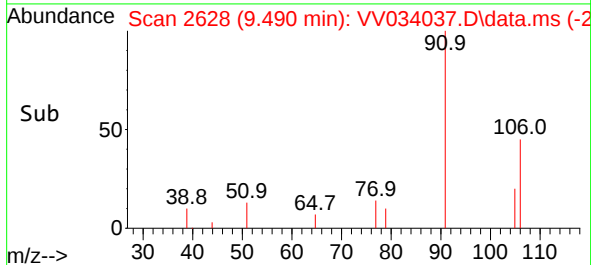
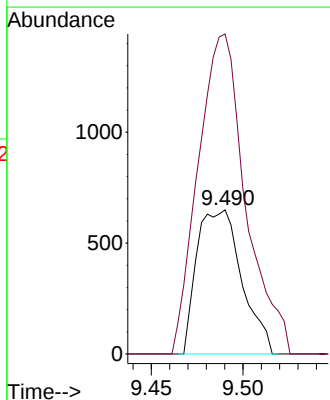
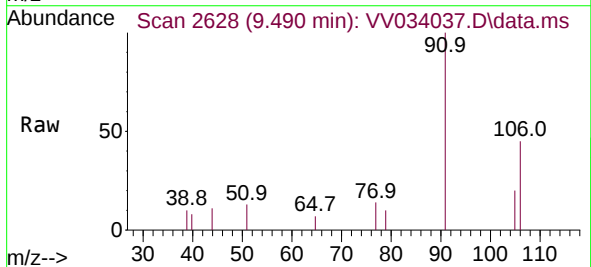
Instrument :
MSVOA_V
ClientSampleId :

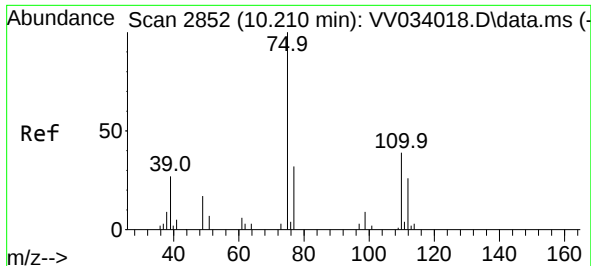
Tgt Ion:106 Resp: 2563
Ion Ratio Lower Upper
106 100
91 203.4 147.5 273.9



#54
o-Xylene
Concen: 0.103 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.013 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion:106 Resp: 1104
Ion Ratio Lower Upper
106 100
91 222.0 156.2 290.0

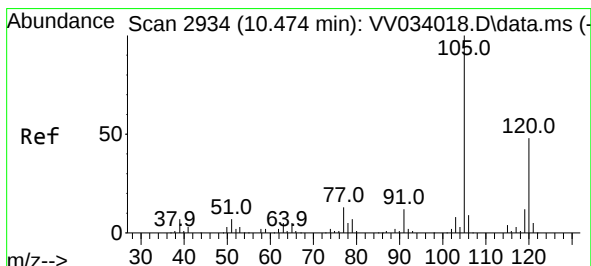
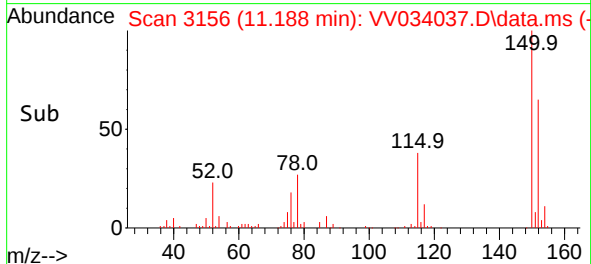
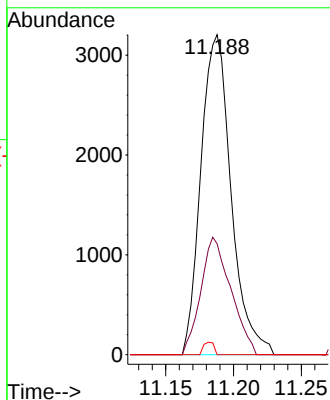
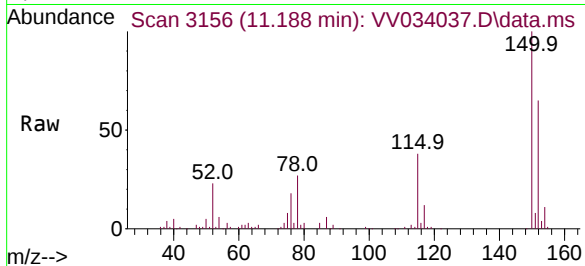




#61
1,2,3-Trichloropropane
Concen: 1.740 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.978 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

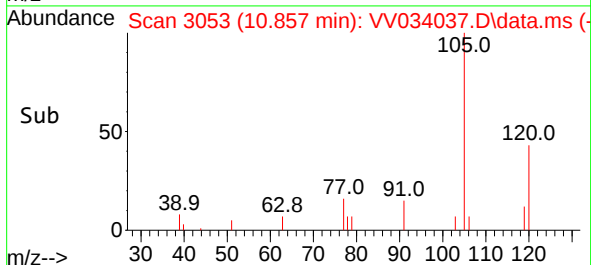
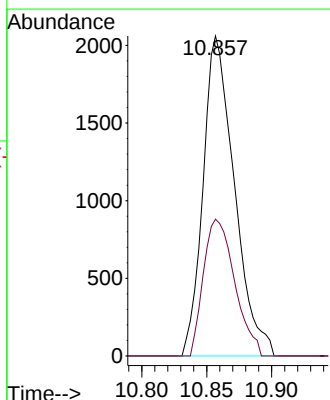
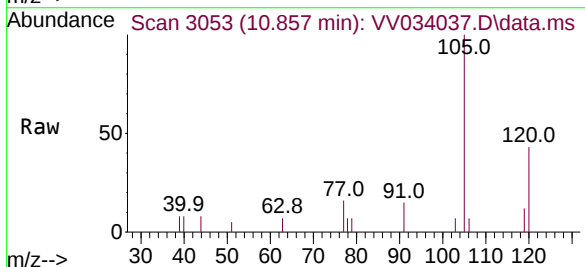
Instrument :
MSVOA_V
ClientSampleId :

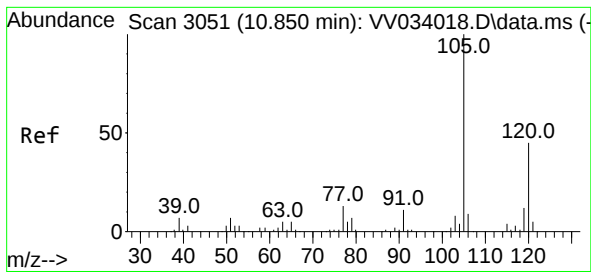
Tgt Ion: 75 Resp: 4967
Ion Ratio Lower Upper
75 100
77 36.5 26.9 40.3
110 1.3 33.3 49.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.383 min
Lab File: VV034037.D
Acq: 07 Feb 2024 17:43

Tgt Ion: 105 Resp: 3451
Ion Ratio Lower Upper
105 100
120 42.7 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.137 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.007 min

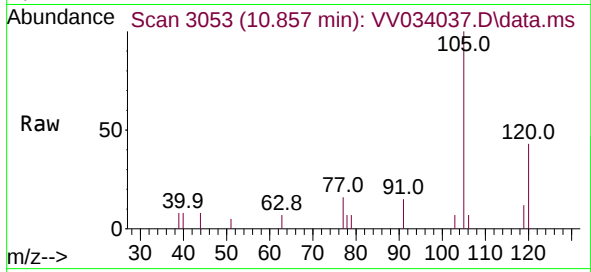
Lab File: VV034037.D

Acq: 07 Feb 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105	Resp:	3451
Ion	Ratio	Lower Upper
105	100	
120	42.7	36.2 54.2

