

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034030.D
 Acq On : 07 Feb 2024 14:54
 Operator : SY/MD
 Sample : P1383-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:49:49 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)

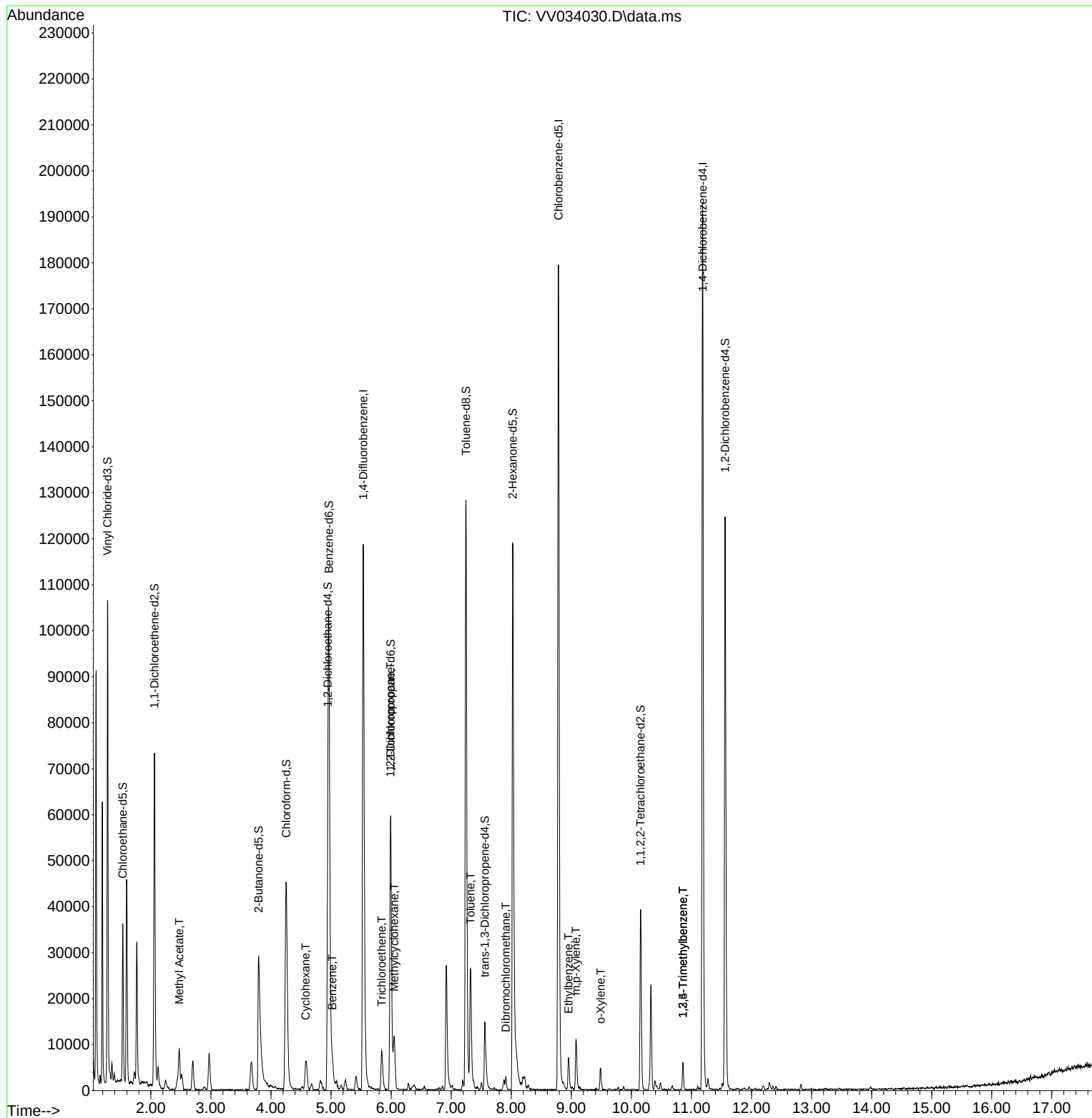
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	104735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22339	2.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.532	69	21255	2.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.800%#
11) 1,1-Dichloroethene-d2	2.060	65	11762	3.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.793	46	47876	35.144	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.280%
24) Chloroform-d	4.253	84	48761	3.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
26) 1,2-Dichloroethane-d4	4.947	65	25090	3.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	4.963	84	94093	3.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	5.992	67	28209	3.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.200%
41) Toluene-d8	7.246	98	86876	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	7.561	79	9691	3.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.024	63	42298	38.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.960%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18306	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	31272	3.526	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.600%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.471	43	6609	2.702	ug/L #	53
30) Cyclohexane	4.574	56	1495	0.118	ug/L #	3
33) Benzene	5.021	78	5986	0.205	ug/L	100
34) Trichloroethene	5.844	95	3458	0.410	ug/L	81
35) Methylcyclohexane	6.053	83	4583	0.346	ug/L	98
37) 1,2-Dichloropropane	5.989	63	3517	0.498	ug/L #	87
42) Toluene	7.323	91	20738	0.665	ug/L	99
49) Dibromochloromethane	7.908	129	579	0.112	ug/L #	11
52) Ethylbenzene	8.953	91	5877	0.164	ug/L	92
53) m,p-Xylene	9.079	106	3175	0.234	ug/L	90
54) o-Xylene	9.487	106	1413	0.108	ug/L	96
62) 1,3,5-Trimethylbenzene	10.857	105	3451	0.113	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	3451	0.116	ug/L	92

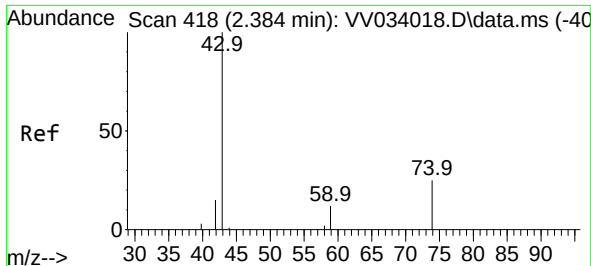
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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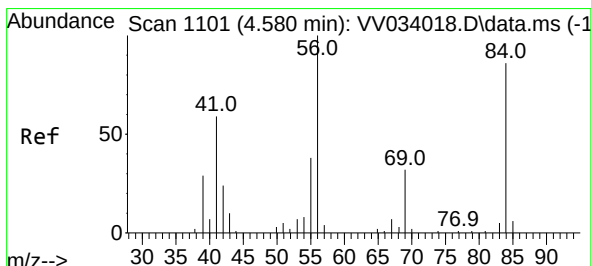
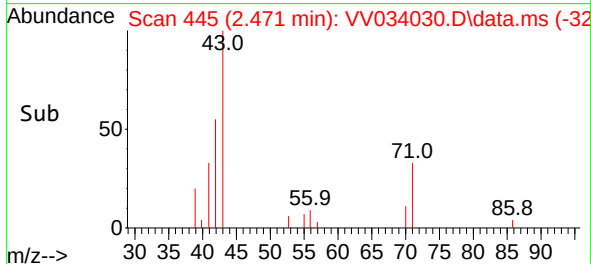
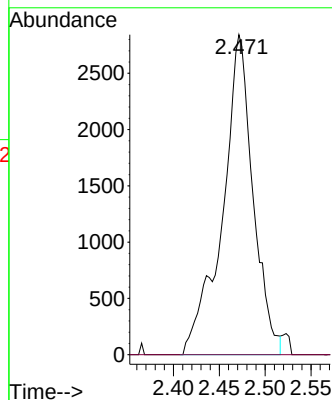
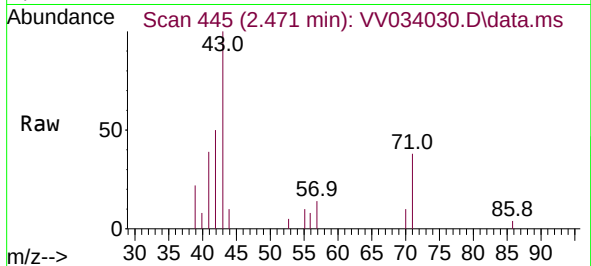




#15
Methyl Acetate
Concen: 2.702 ug/L
RT: 2.471 min Scan# 445
Delta R.T. 0.087 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

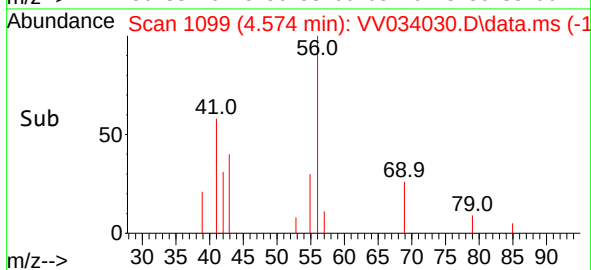
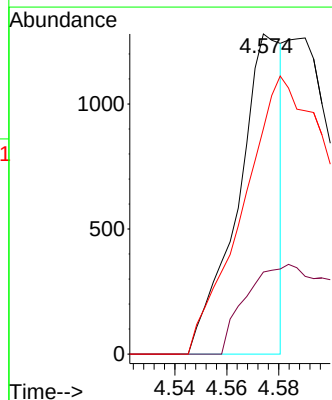
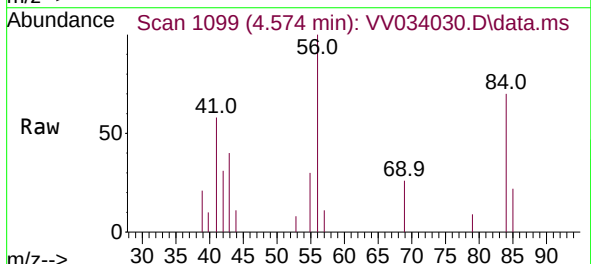
Instrument :
MSVOA_V
ClientSampleId :

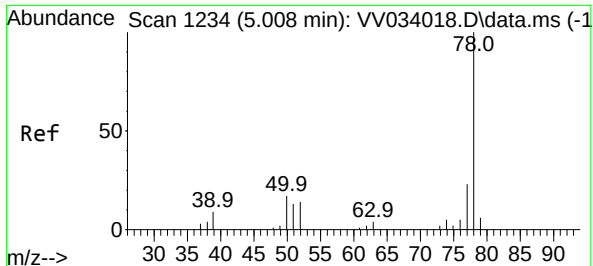
Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#30
Cyclohexane
Concen: 0.118 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 56 Resp: 1495
Ion Ratio Lower Upper
56 100
69 58.3 24.2 36.2#
84 192.0 70.0 105.0#

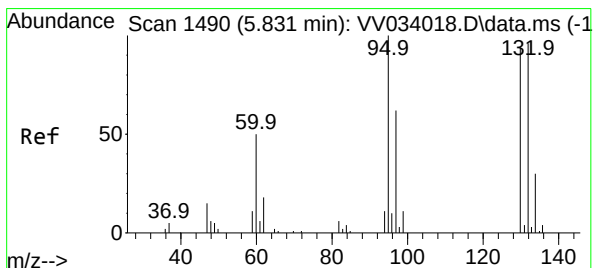
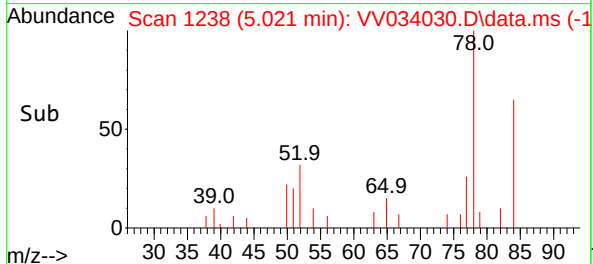
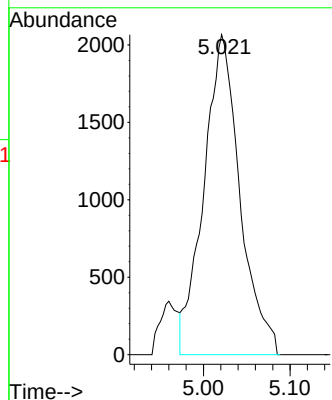
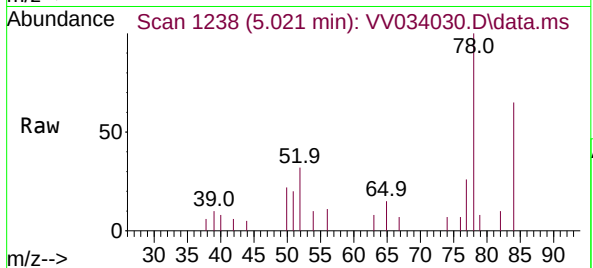




#33
Benzene
Concen: 0.205 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Instrument :
MSVOA_V
ClientSampleId :

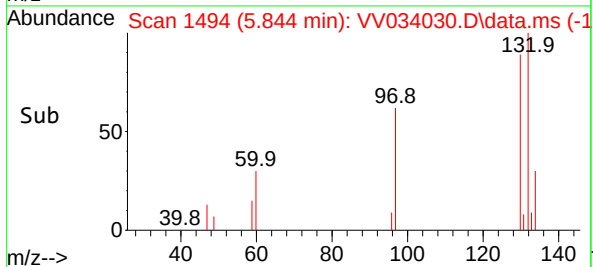
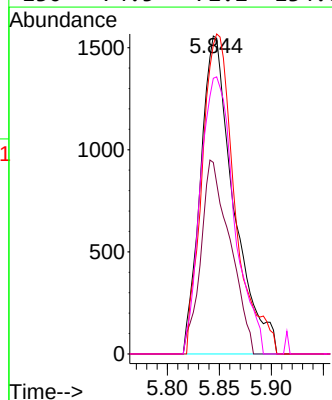
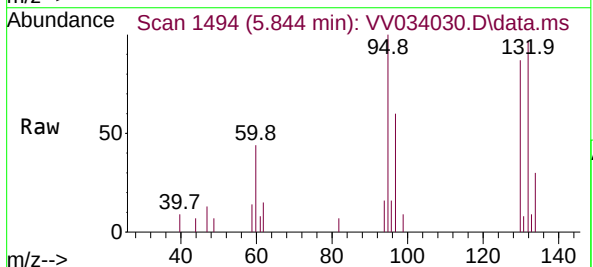
Tgt Ion: 78 Resp: 5986

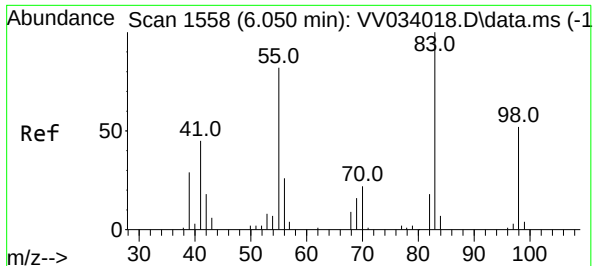


#34
Trichloroethene
Concen: 0.410 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 95 Resp: 3458

Ion	Ratio	Lower	Upper
95	100		
97	51.8	45.1	83.7
132	83.6	66.0	122.6
130	74.5	72.2	134.0





#35

Methylcyclohexane

Concen: 0.346 ug/L

RT: 6.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034030.D

Acq: 07 Feb 2024 14:54

Instrument :

MSVOA_V

ClientSampleId :

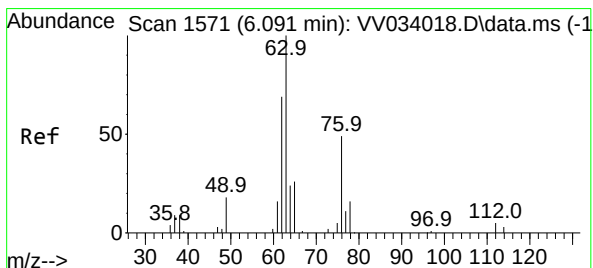
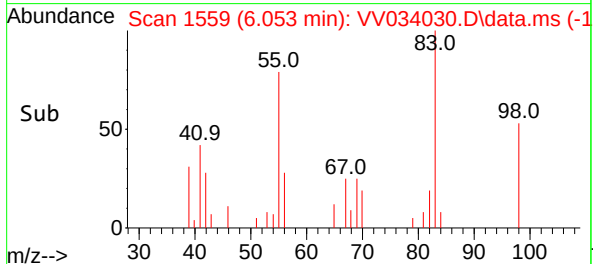
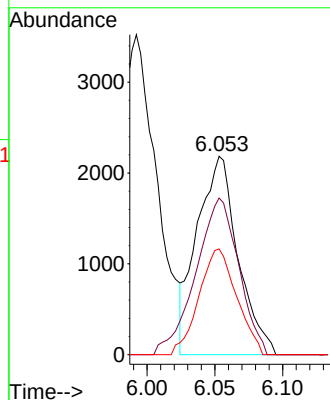
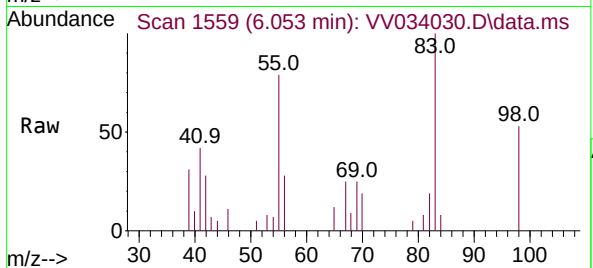
Tgt Ion: 83 Resp: 4583

Ion Ratio Lower Upper

83 100

55 82.6 63.5 95.3

98 49.1 39.0 58.4



#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV034030.D

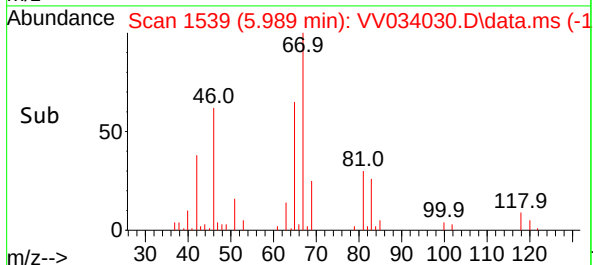
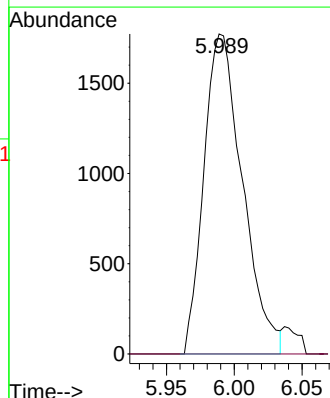
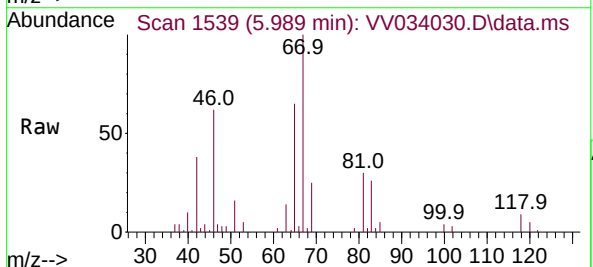
Acq: 07 Feb 2024 14:54

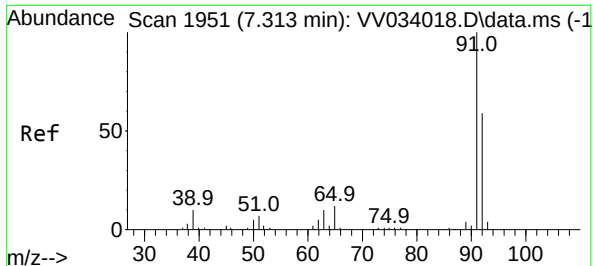
Tgt Ion: 63 Resp: 3517

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

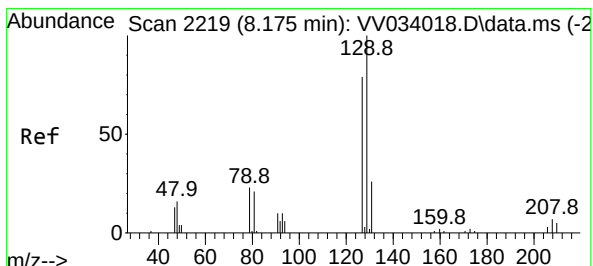
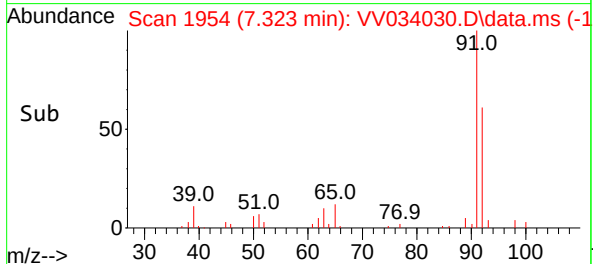
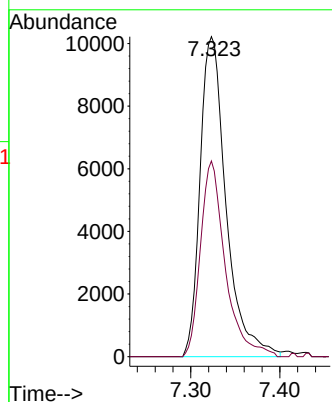
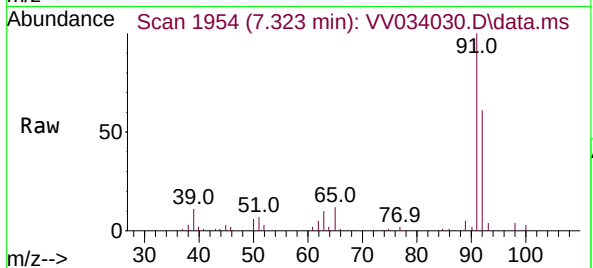




#42
Toluene
Concen: 0.665 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

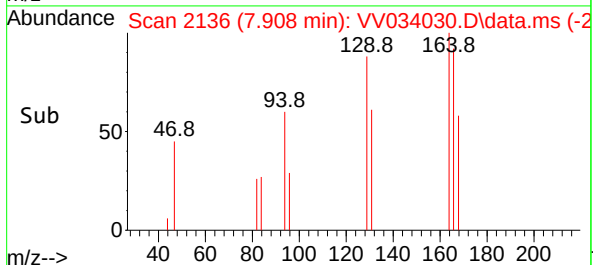
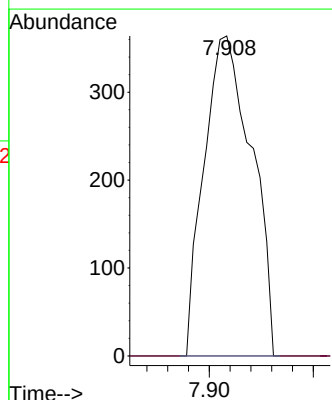
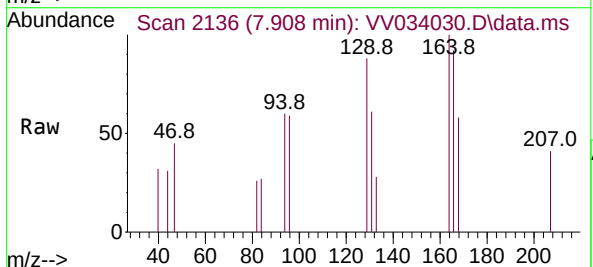
Instrument :
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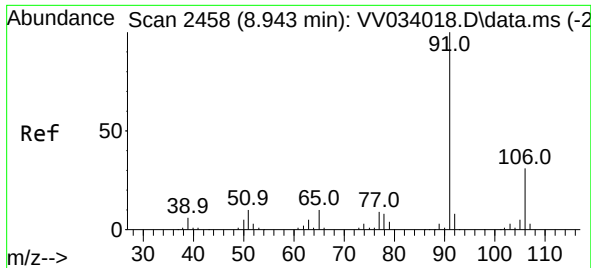
Tgt Ion: 91 Resp: 20738
Ion Ratio Lower Upper
91 100
92 61.1 42.1 78.3



#49
Dibromochloromethane
Concen: 0.112 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.267 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 129 Resp: 579
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

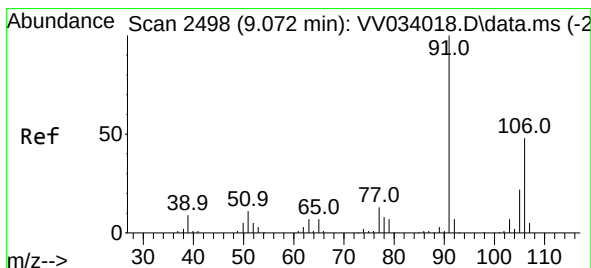
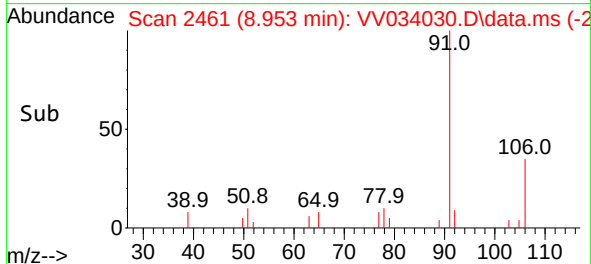
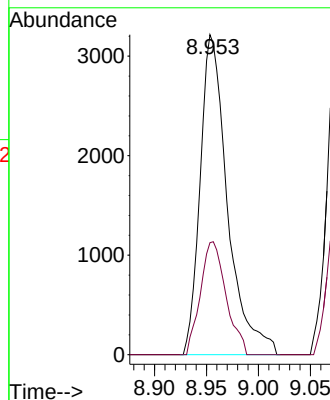
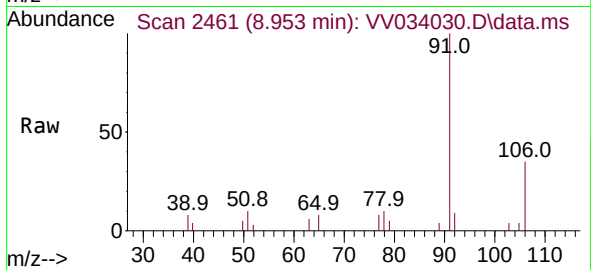




#52
Ethylbenzene
Concen: 0.164 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

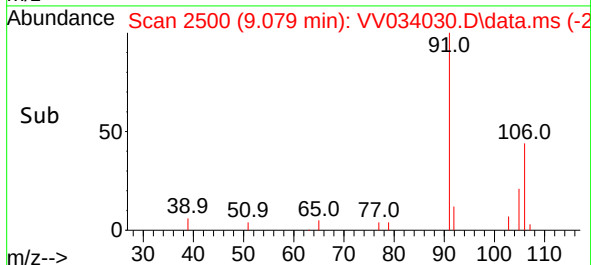
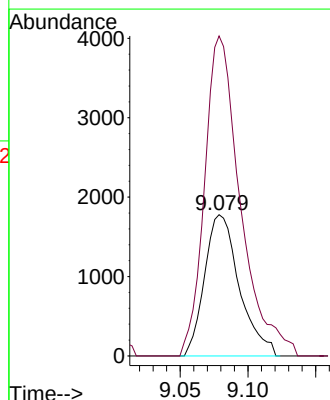
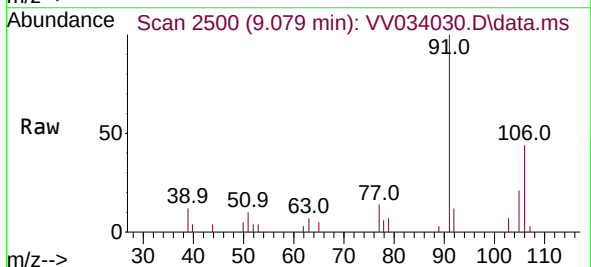
Instrument :
MSVOA_V
ClientSampleId :

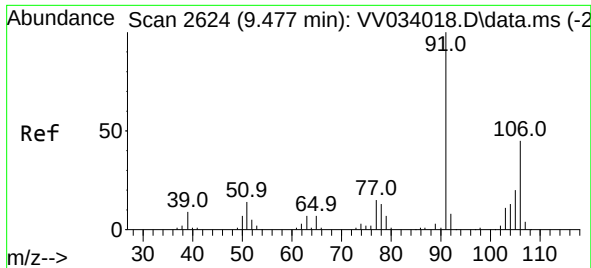
Tgt Ion: 91 Resp: 5877
Ion Ratio Lower Upper
91 100
106 35.0 21.4 39.8



#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion: 106 Resp: 3175
Ion Ratio Lower Upper
106 100
91 226.4 147.5 273.9

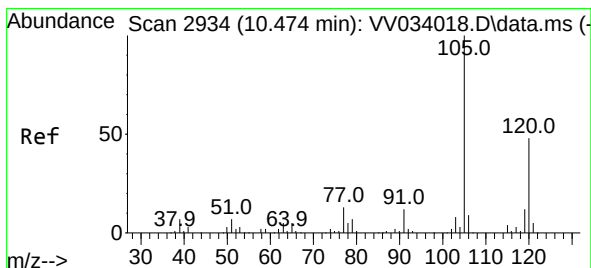
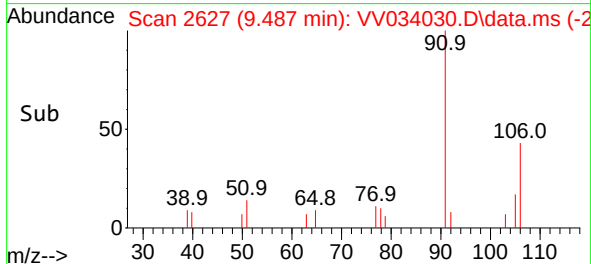
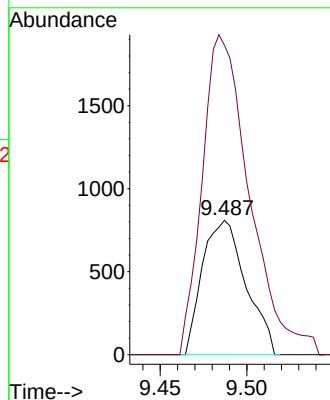
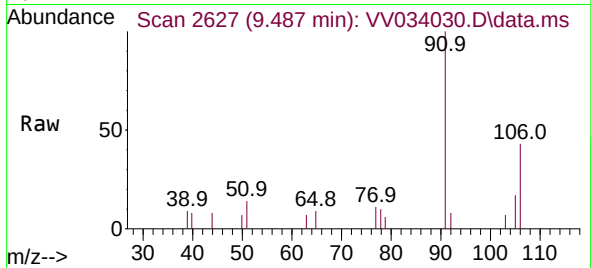




#54
o-Xylene
Concen: 0.108 ug/L
RT: 9.487 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

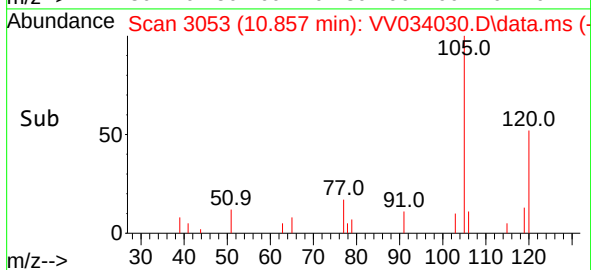
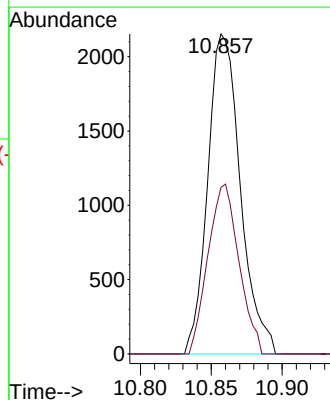
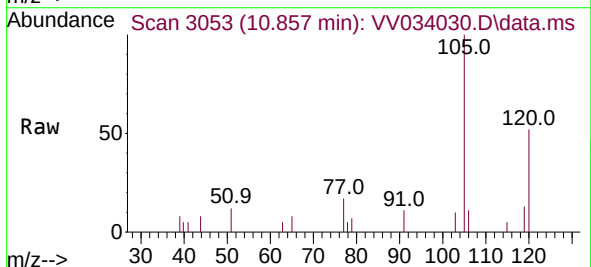
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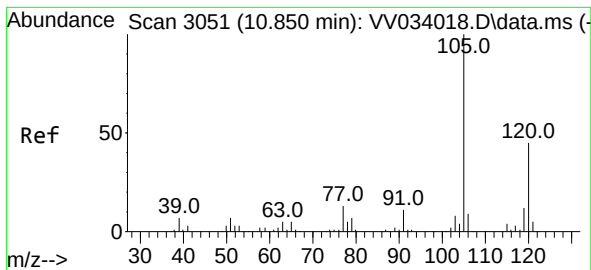
Tgt Ion:106 Resp: 1413
Ion Ratio Lower Upper
106 100
91 230.0 156.2 290.0



#62
1,3,5-Trimethylbenzene
Concen: 0.113 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.383 min
Lab File: VV034030.D
Acq: 07 Feb 2024 14:54

Tgt Ion:105 Resp: 3451
Ion Ratio Lower Upper
105 100
120 50.3 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.116 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.007 min

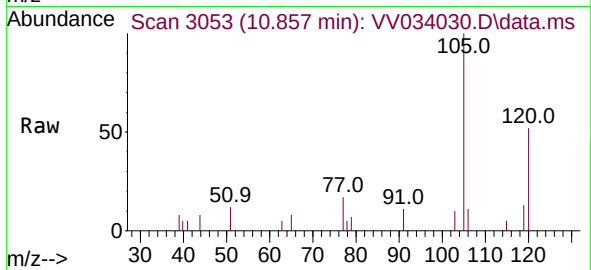
Lab File: VV034030.D

Acq: 07 Feb 2024 14:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 3451

Ion Ratio Lower Upper

105 100

120 50.3 36.2 54.2

