

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034036.D
 Acq On : 07 Feb 2024 17:19
 Operator : SY/MD
 Sample : P1383-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:51:20 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)

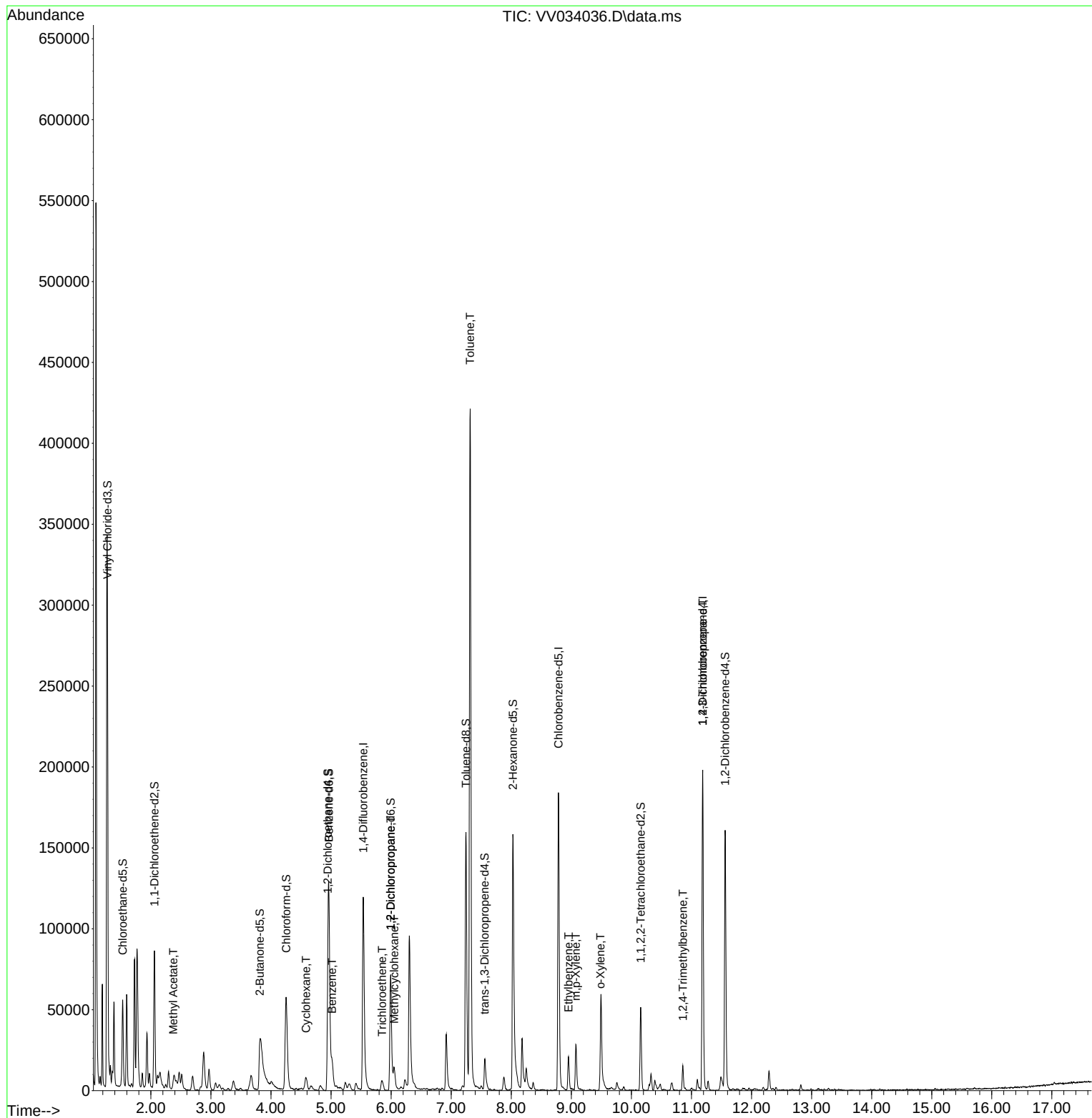
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	103641	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26107	3.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.532	69	26155	3.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.059	65	13582	3.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.815	46	65212	48.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	4.252	84	60471	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.947	65	31964	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.963	84	113525	3.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.992	67	34242	4.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.246	98	105271	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.558	79	12538	4.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.027	63	59394	53.779	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23947	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	39768	4.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
15) Methyl Acetate	2.375	43	2174	0.898	ug/L #	53
30) Cyclohexane	4.583	56	4133	0.324	ug/L	94
33) Benzene	5.014	78	17241	0.588	ug/L	100
34) Trichloroethene	5.850	95	2098	0.247	ug/L	91
35) Methylcyclohexane	6.053	83	5189	0.390	ug/L	96
37) 1,2-Dichloropropane	5.992	63	4517	0.636	ug/L #	87
42) Toluene	7.316	91	299964	9.578	ug/L	98
52) Ethylbenzene	8.953	91	15678	0.435	ug/L	99
53) m,p-Xylene	9.078	106	8219	0.603	ug/L	95
54) o-Xylene	9.484	106	3889	0.296	ug/L	96
61) 1,2,3-Trichloropropane	11.188	75	6138	1.787	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.857	105	8389	0.276	ug/L	97

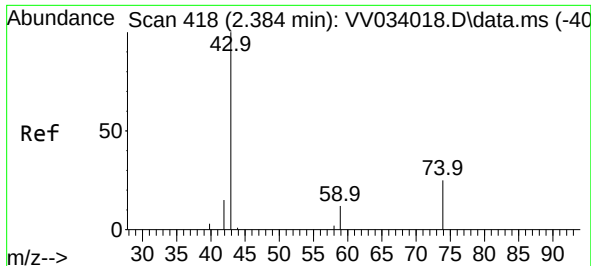
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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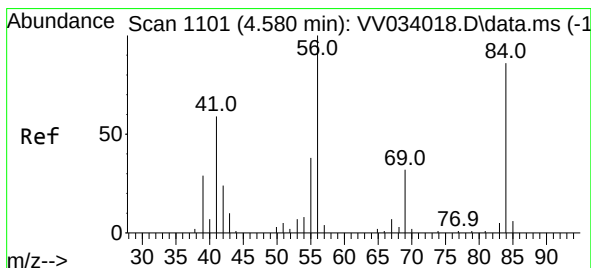
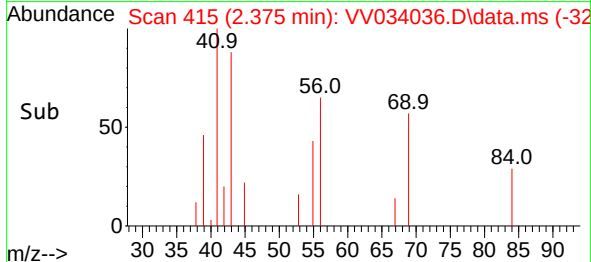
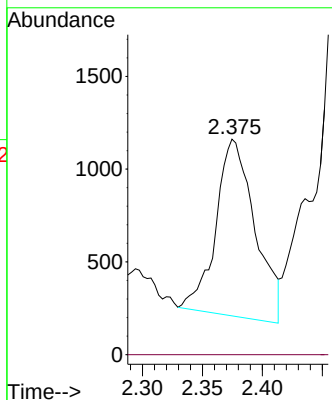
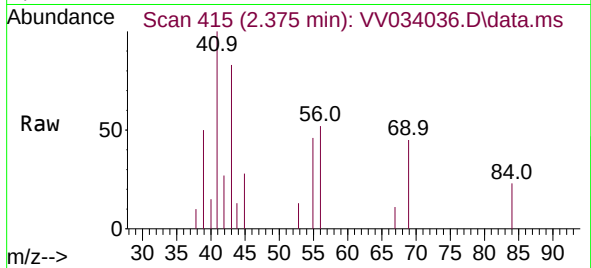




#15
Methyl Acetate
Concen: 0.898 ug/L
RT: 2.375 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

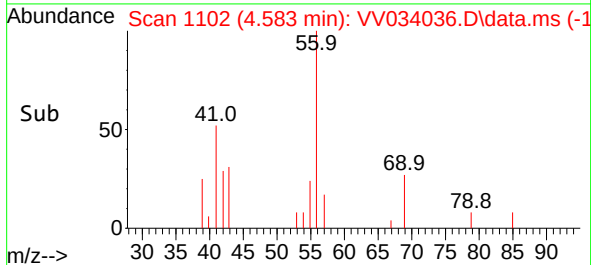
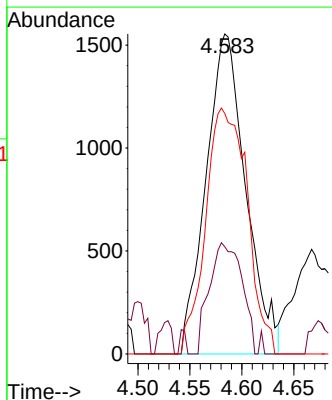
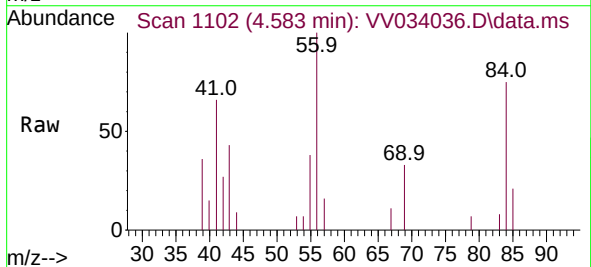
Instrument :
MSVOA_V
ClientSampleId :

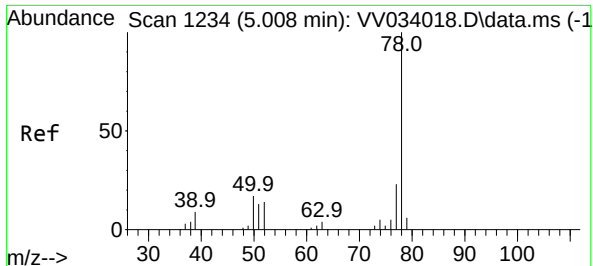
Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#30
Cyclohexane
Concen: 0.324 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 28.5 24.2 36.2
84 80.5 70.0 105.0

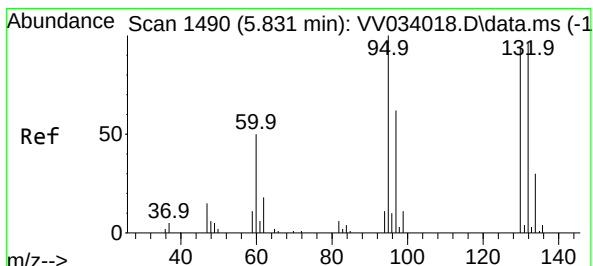
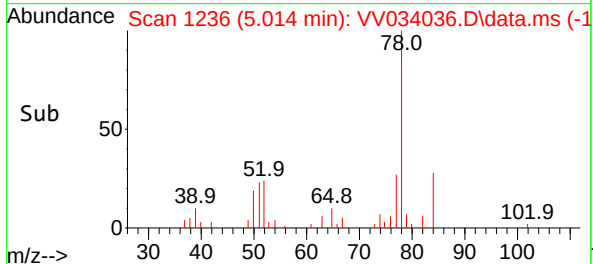
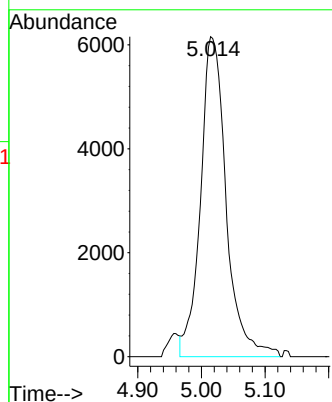
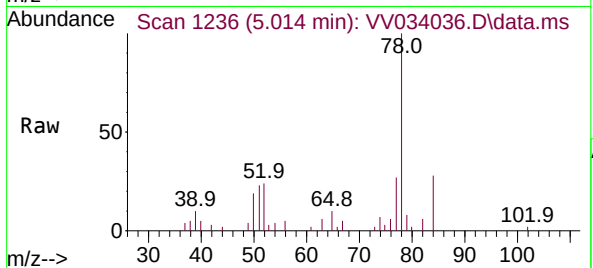




#33
Benzene
Concen: 0.588 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

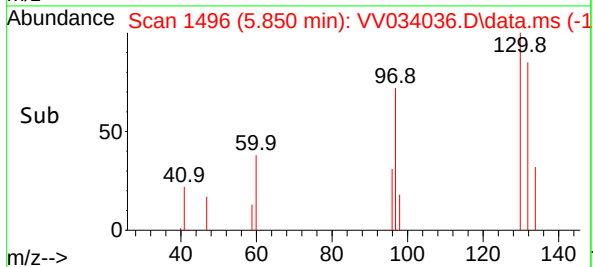
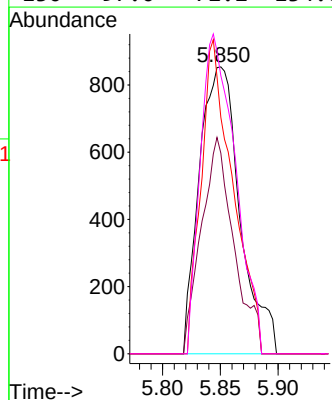
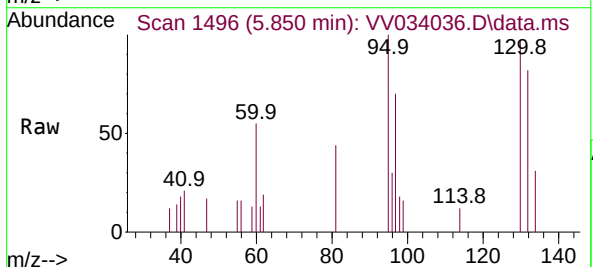
Tgt Ion: 78 Resp: 17241

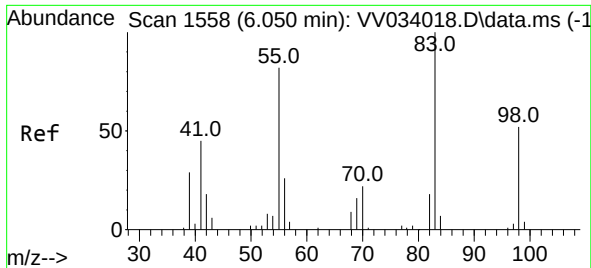


#34
Trichloroethene
Concen: 0.247 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion: 95 Resp: 2098

Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.1	83.7
132	82.4	66.0	122.6
130	97.0	72.2	134.0





#35

Methylcyclohexane

Concen: 0.390 ug/L

RT: 6.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034036.D

Acq: 07 Feb 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

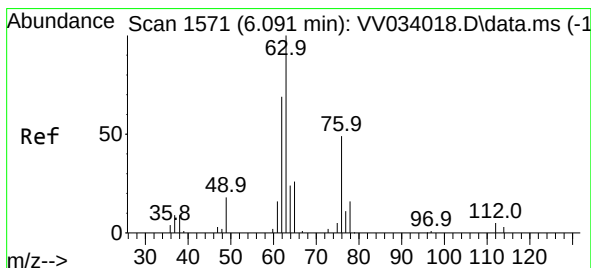
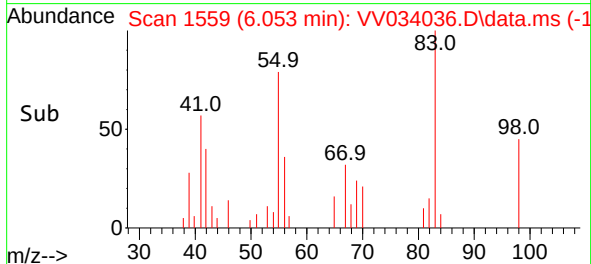
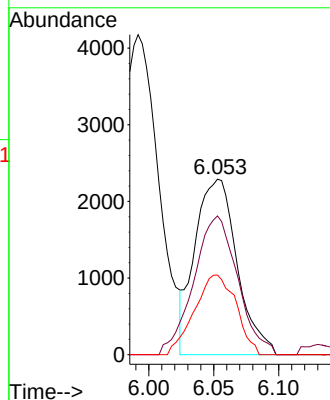
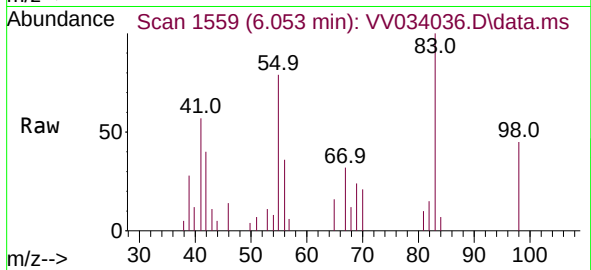
Tgt Ion: 83 Resp: 5189

Ion Ratio Lower Upper

83 100

55 81.9 63.5 95.3

98 44.6 39.0 58.4



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.100 min

Lab File: VV034036.D

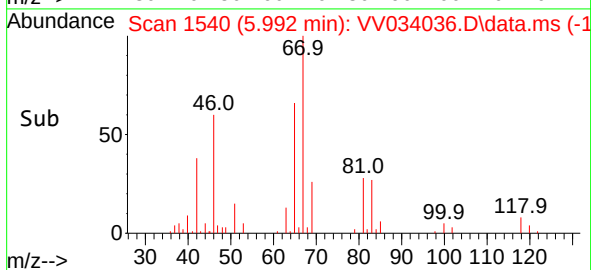
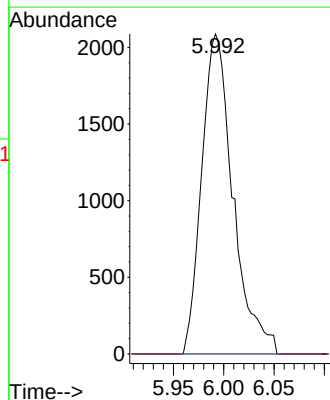
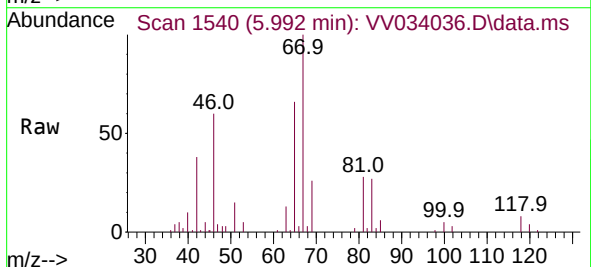
Acq: 07 Feb 2024 17:19

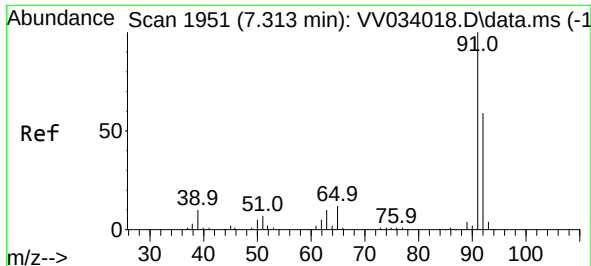
Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 9.578 ug/L

RT: 7.316 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034036.D

Acq: 07 Feb 2024 17:19

Instrument :

MSVOA_V

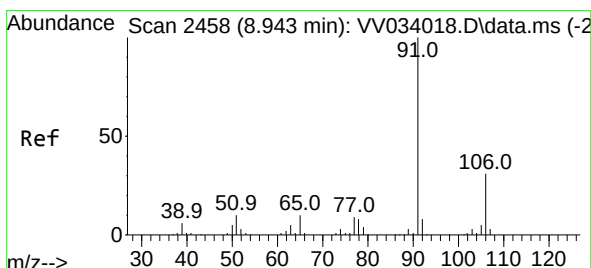
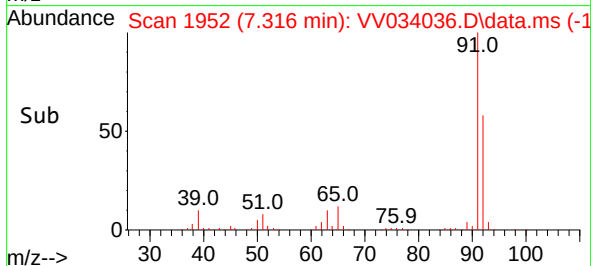
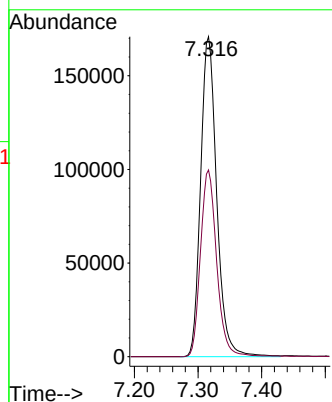
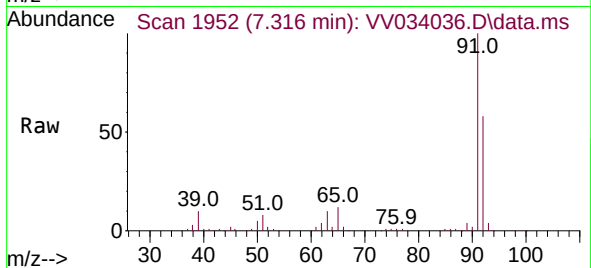
ClientSampleId :

Tgt Ion: 91 Resp: 299964

Ion Ratio Lower Upper

91 100

92 58.4 42.1 78.3



#52

Ethylbenzene

Concen: 0.435 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.010 min

Lab File: VV034036.D

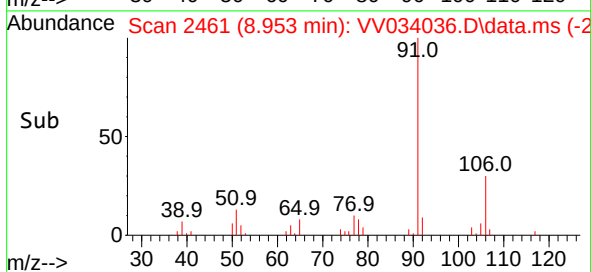
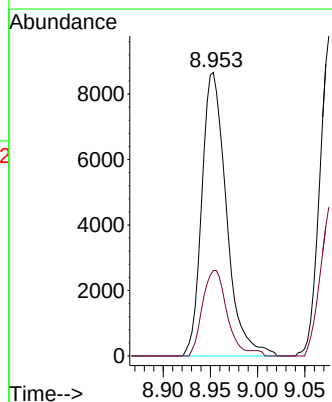
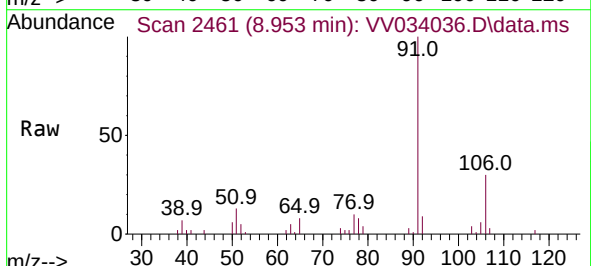
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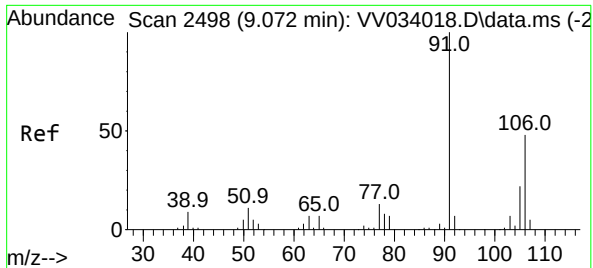
Tgt Ion: 91 Resp: 15678

Ion Ratio Lower Upper

91 100

106 30.1 21.4 39.8

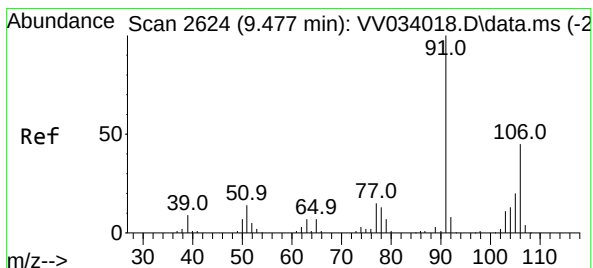
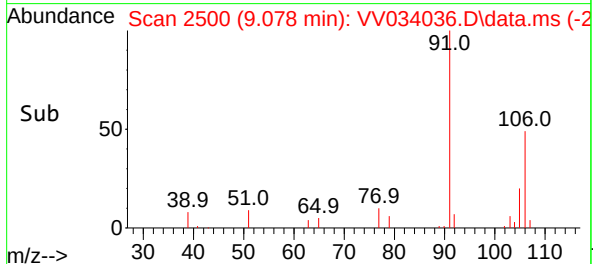
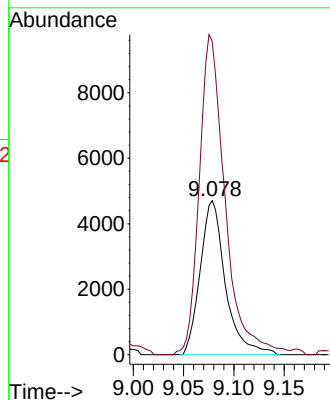
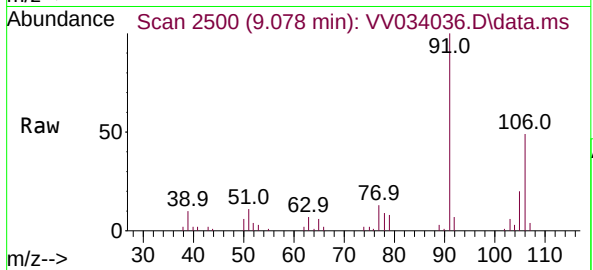




#53
m,p-Xylene
Concen: 0.603 ug/L
RT: 9.078 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

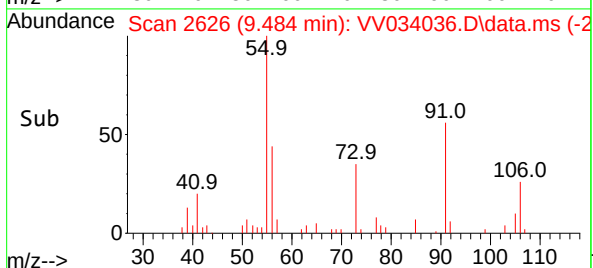
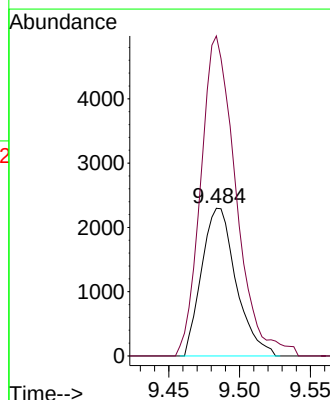
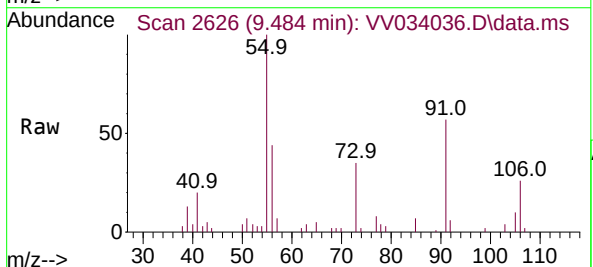
Instrument :
MSVOA_V
ClientSampleId :

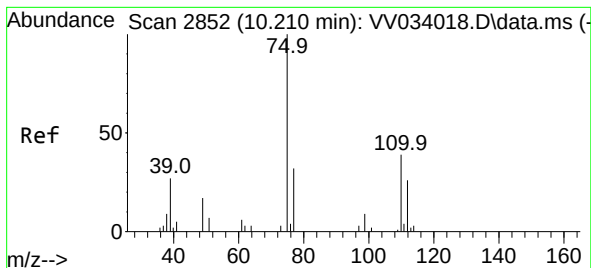
Tgt Ion:106 Resp: 8219
Ion Ratio Lower Upper
106 100
91 203.5 147.5 273.9



#54
o-Xylene
Concen: 0.296 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034036.D
Acq: 07 Feb 2024 17:19

Tgt Ion:106 Resp: 3889
Ion Ratio Lower Upper
106 100
91 216.6 156.2 290.0





#61

1,2,3-Trichloropropane

Concen: 1.787 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034036.D

Acq: 07 Feb 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

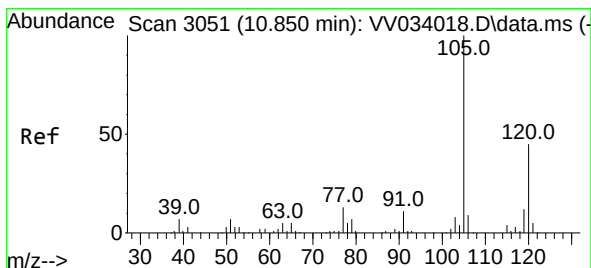
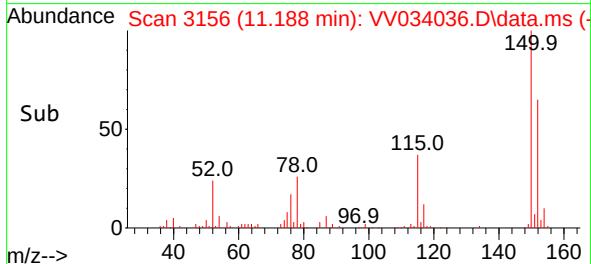
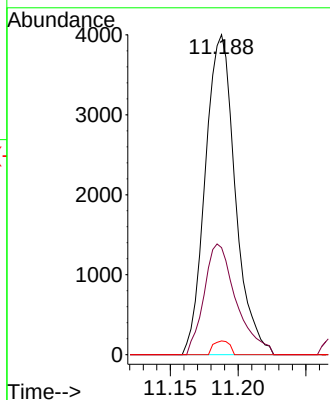
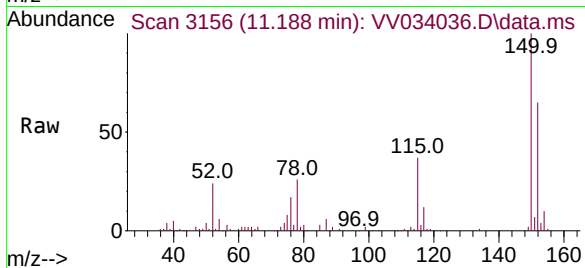
Tgt Ion: 75 Resp: 6138

Ion Ratio Lower Upper

75 100

77 37.2 26.9 40.3

110 2.3 33.3 49.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.276 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV034036.D

Acq: 07 Feb 2024 17:19

Tgt Ion: 105 Resp: 8389

Ion Ratio Lower Upper

105 100

120 43.0 36.2 54.2

