

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038462.D
 Acq On : 20 Jan 2025 14:27
 Operator : SY/MD
 Sample : Q1125-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 21 00:52:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

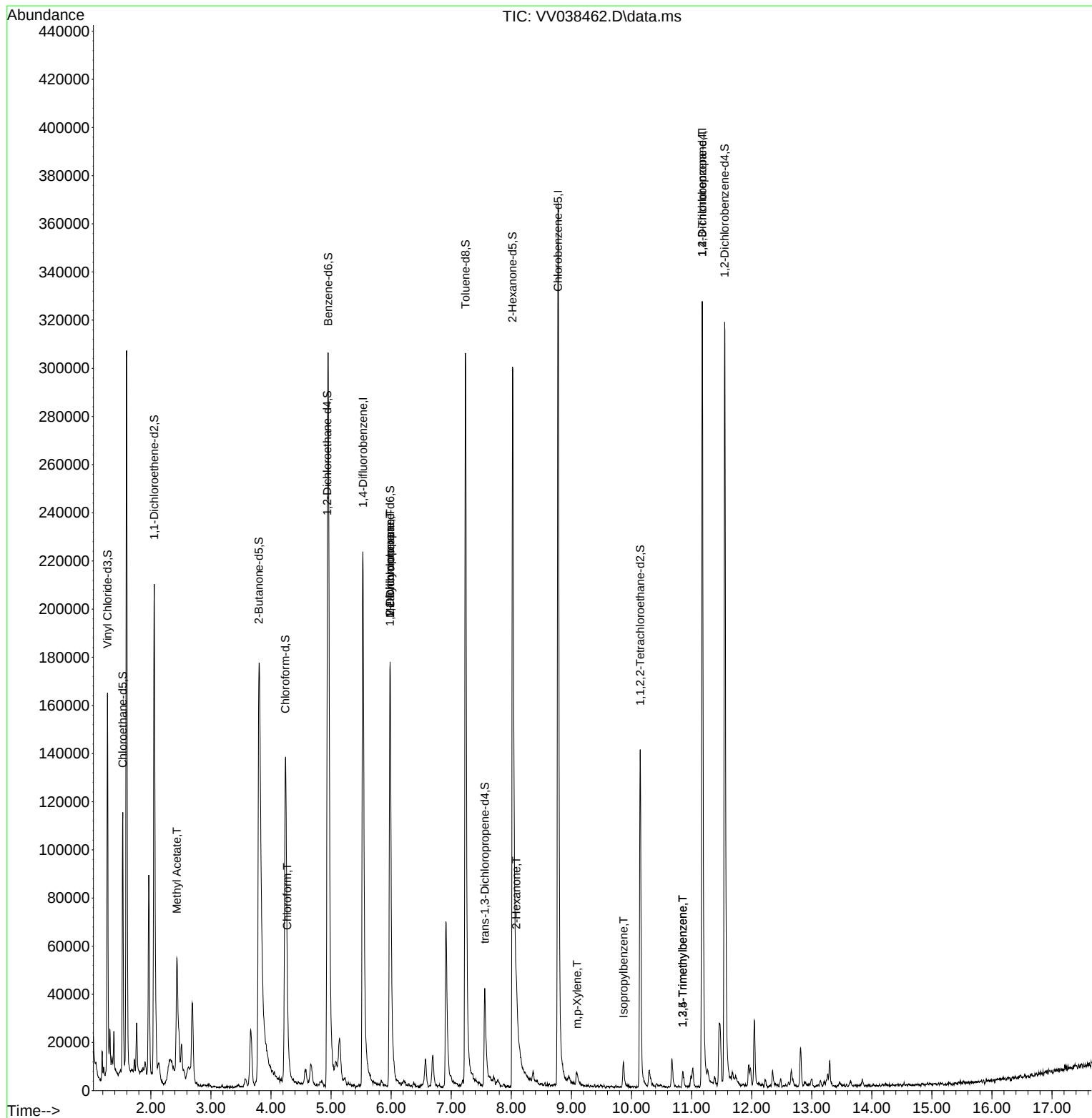
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	212118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	218669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	89742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77916	4.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.532	69	68563	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.056	65	33936	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.799	46	190794	51.859	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	4.240	84	154581	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.937	65	73527	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.953	84	289756	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.982	67	91392	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.236	98	224278	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.558	79	29829	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.021	63	121286	45.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	73727	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	81636	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.433	43	38193	5.222	ug/L #	50
25) Chloroform	4.272	83	7419	0.218	ug/L	82
35) Methylcyclohexane	5.982	83	22925	0.833	ug/L #	20
37) 1,2-Dichloropropane	5.979	63	10166	0.567	ug/L #	87
48) 2-Hexanone	8.082	43	23155	3.447	ug/L #	74
53) m,p-Xylene	9.095	106	1836	0.062	ug/L	79
60) Isopropylbenzene	9.866	105	7480	0.124	ug/L	92
61) 1,2,3-Trichloropropane	11.178	75	12426	1.441	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.853	105	4441	0.094	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	4441	0.094	ug/L	96

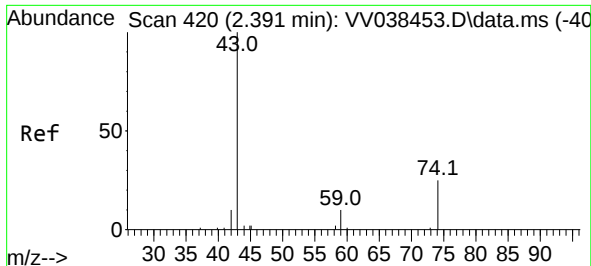
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

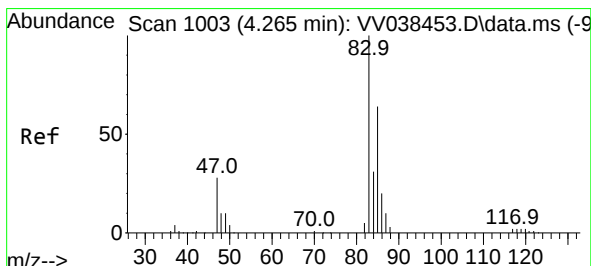
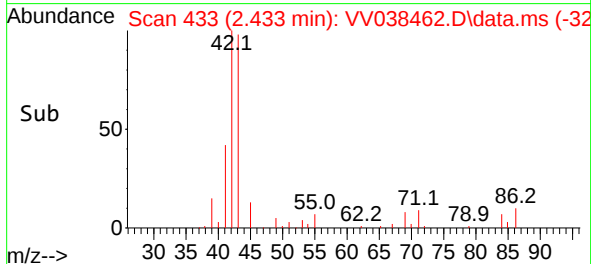
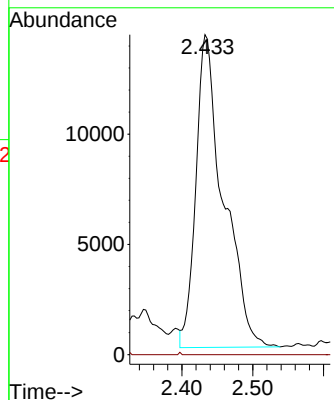
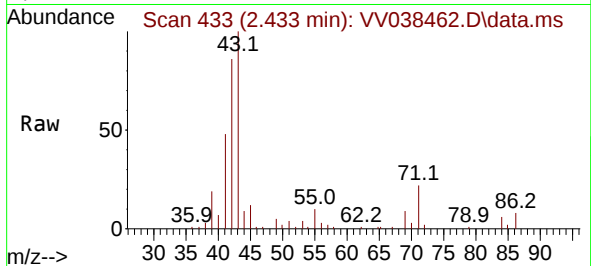




#15
Methyl Acetate
Concen: 5.222 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.042 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

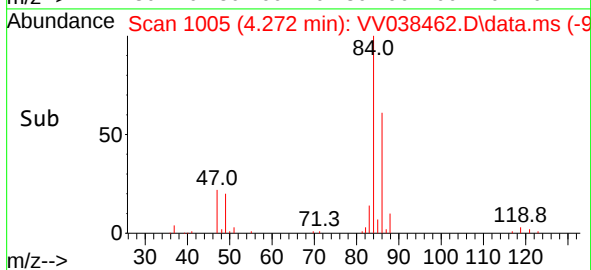
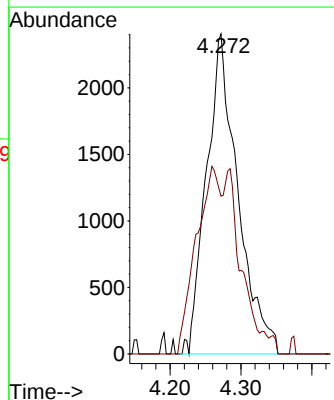
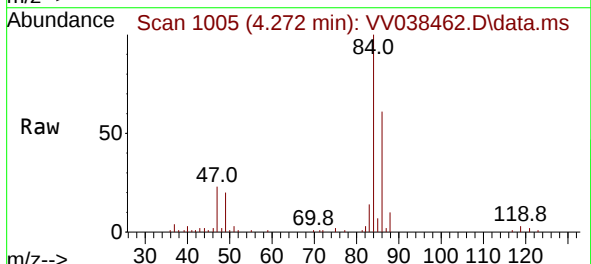
Instrument :
MSVOA_V
ClientSampleId :

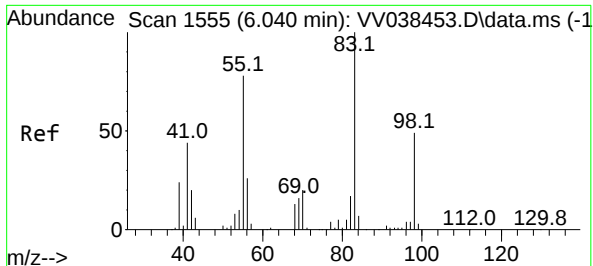
Tgt Ion: 43 Resp: 38193
Ion Ratio Lower Upper
43 100
74 0.1 20.4 30.6#



#25
Chloroform
Concen: 0.218 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

Tgt Ion: 83 Resp: 7419
Ion Ratio Lower Upper
83 100
85 49.3 44.0 81.8

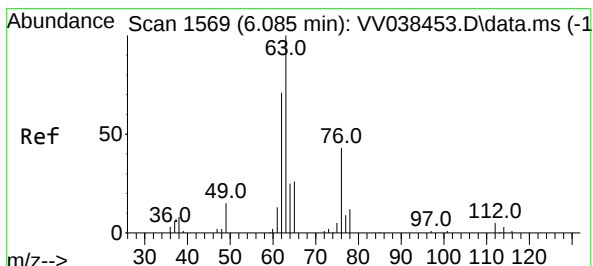
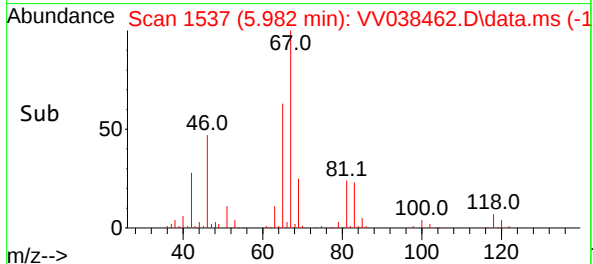
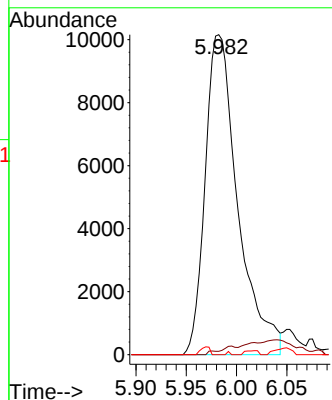
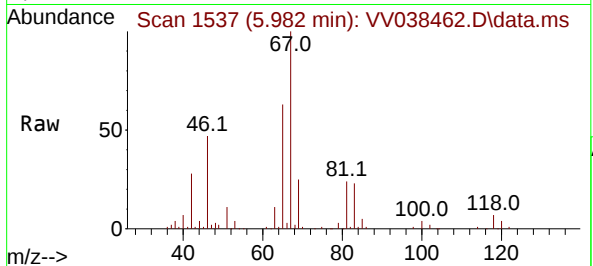




#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

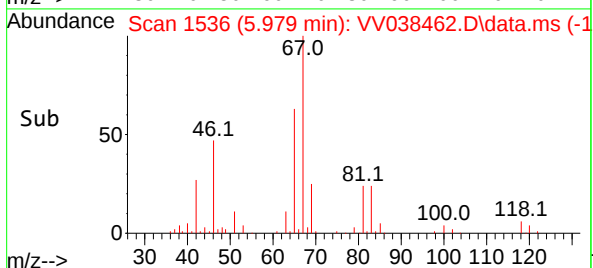
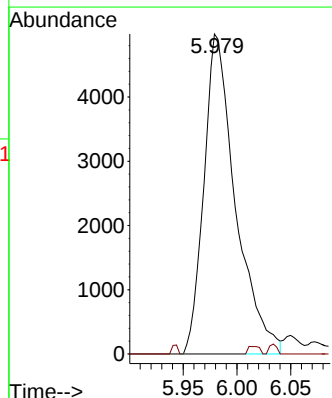
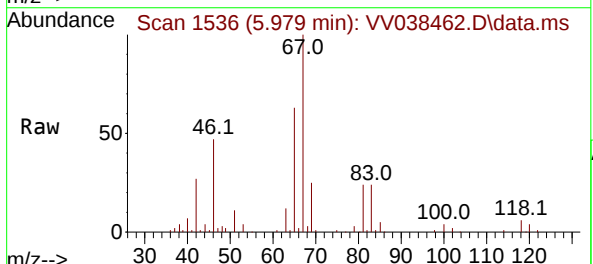
Instrument :
MSVOA_V
ClientSampleId :

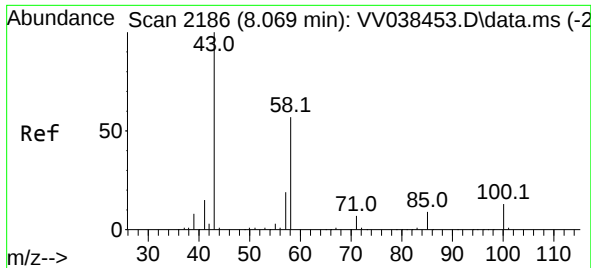
Tgt Ion: 83 Resp: 22925
Ion Ratio Lower Upper
83 100
55 1.5 59.4 89.0#
98 0.1 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

Tgt Ion: 63 Resp: 10166
Ion Ratio Lower Upper
63 100
112 0.9 4.1 6.1#

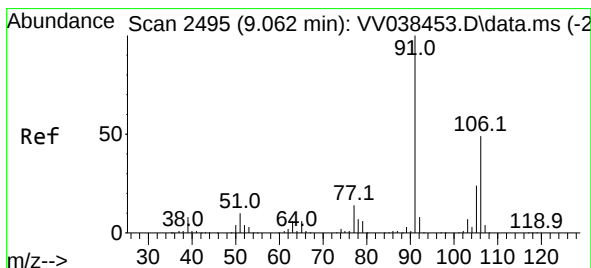
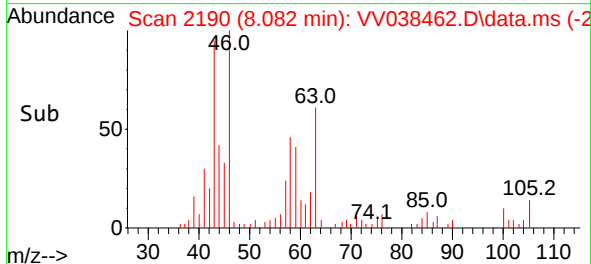
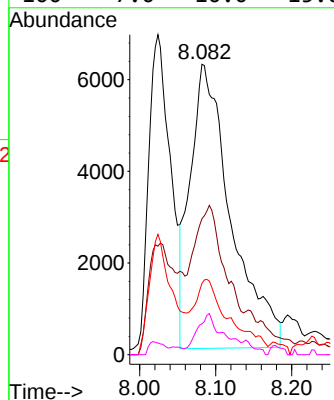
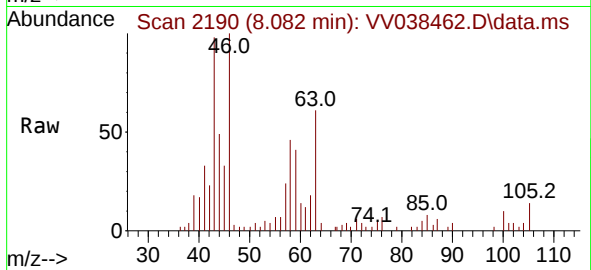




#48
2-Hexanone
Concen: 3.447 ug/L
RT: 8.082 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

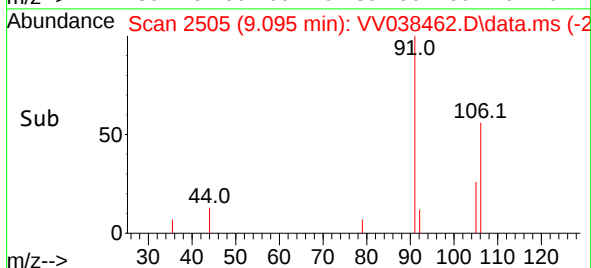
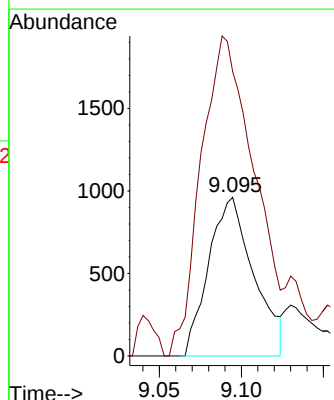
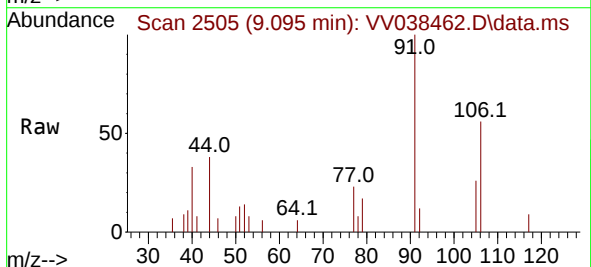
Instrument :
MSVOA_V
ClientSampleId :

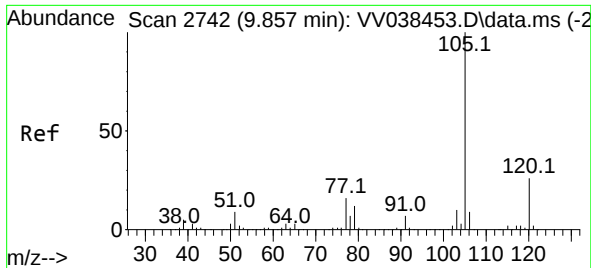
Tgt Ion: 43	Resp: 23155
Ion Ratio	Lower Upper
43	100
58	29.7 43.6 65.4#
57	23.3 15.0 22.4#
100	7.0 10.0 15.0#



#53
m,p-Xylene
Concen: 0.062 ug/L
RT: 9.095 min Scan# 2505
Delta R.T. 0.032 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

Tgt Ion: 106	Resp: 1836
Ion Ratio	Lower Upper
106	100
91	179.3 148.2 275.2

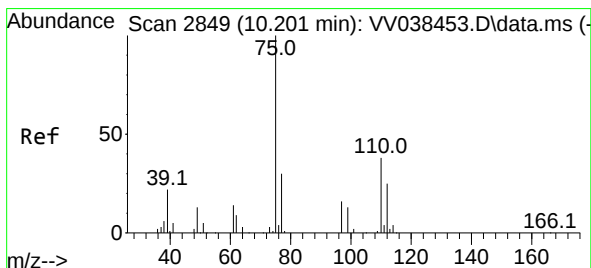
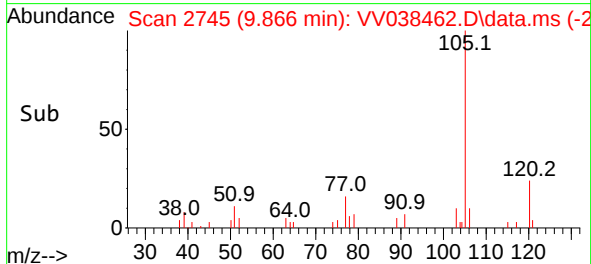
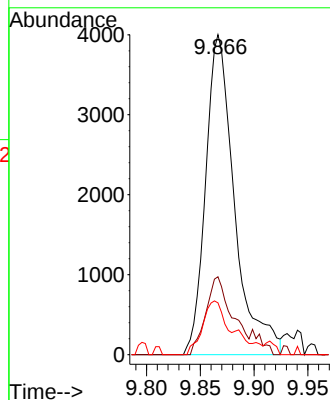
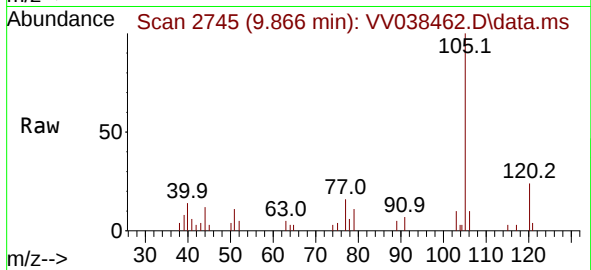




#60
Isopropylbenzene
Concen: 0.124 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

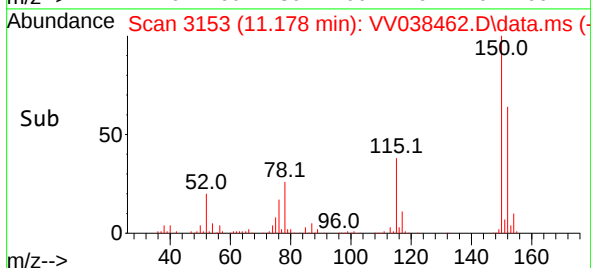
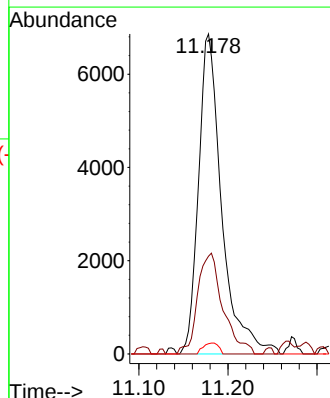
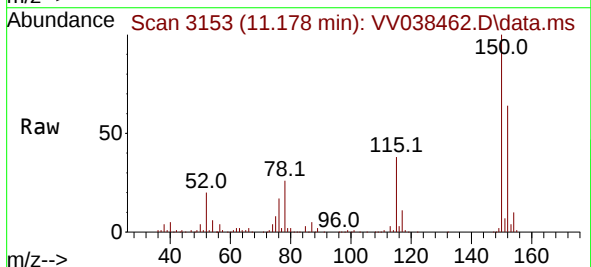
Instrument :
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ClientSampleId :

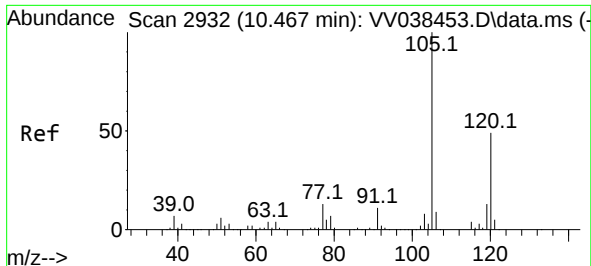
Tgt Ion:105 Resp: 7480
Ion Ratio Lower Upper
105 100
120 22.2 21.4 32.2
77 13.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 1.441 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.978 min
Lab File: VV038462.D
Acq: 20 Jan 2025 14:27

Tgt Ion: 75 Resp: 12426
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0
110 2.2 32.6 48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.094 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.386 min

Lab File: VV038462.D

Acq: 20 Jan 2025 14:27

Instrument :

MSVOA_V

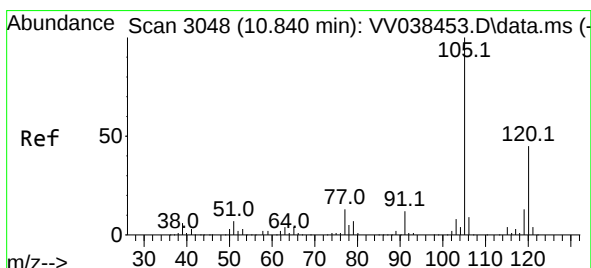
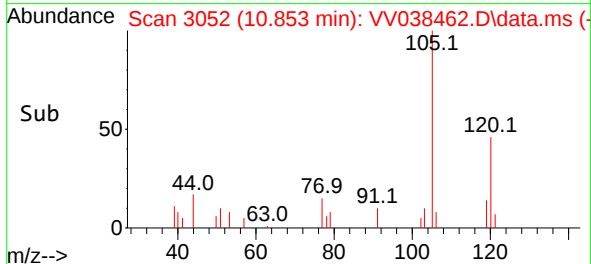
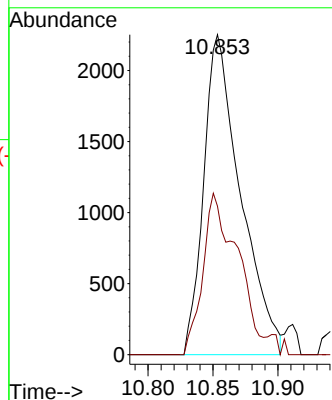
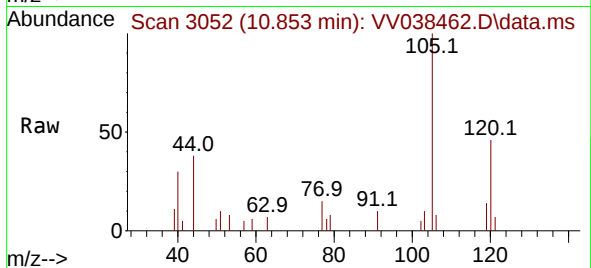
ClientSampleId :

Tgt Ion:105 Resp: 4441

Ion Ratio Lower Upper

105 100

120 47.4 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.094 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.013 min

Lab File: VV038462.D

Acq: 20 Jan 2025 14:27

Tgt Ion:105 Resp: 4441

Ion Ratio Lower Upper

105 100

120 47.4 35.8 53.8

