

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038461.D
 Acq On : 20 Jan 2025 14:03
 Operator : SY/MD
 Sample : Q1125-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 21 00:52:39 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)

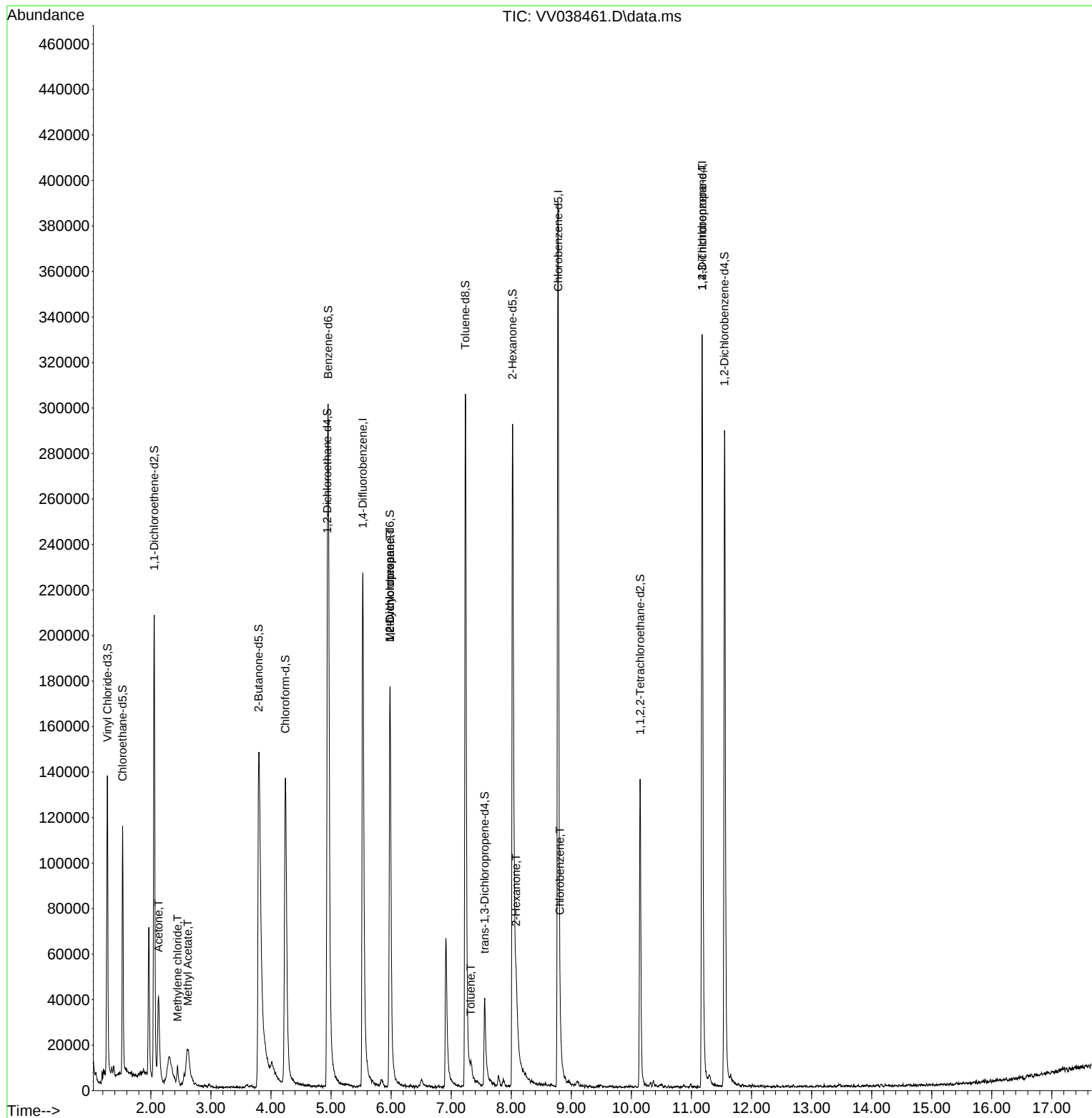
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	211456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	227140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	91392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78121	4.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.529	69	69608	4.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.056	65	34502	4.391	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.796	46	176886	48.229	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.460%	
24) Chloroform-d	4.239	84	148567	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	4.937	65	73621	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	4.953	84	288433	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	5.982	67	92746	4.877	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.236	98	224736	3.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.558	79	28391	4.082	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.021	63	117518	42.824	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.640%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	71284	4.729	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.551	152	80430	5.200	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						Qvalue
13) Acetone	2.127	43	48340	16.940	ug/L	98
15) Methyl Acetate	2.616	43	4607	0.632	ug/L #	50
16) Methylene chloride	2.445	84	2917	0.150	ug/L	94
35) Methylcyclohexane	5.982	83	21261	0.744	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10554	0.567	ug/L #	91
42) Toluene	7.326	91	6772	0.090	ug/L	87
48) 2-Hexanone	8.082	43	19977	2.863	ug/L #	87
51) Chlorobenzene	8.808	112	7655	0.151	ug/L	92
61) 1,2,3-Trichloropropane	11.178	75	11456	1.305	ug/L #	60

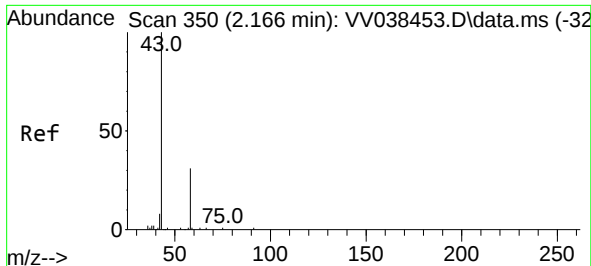
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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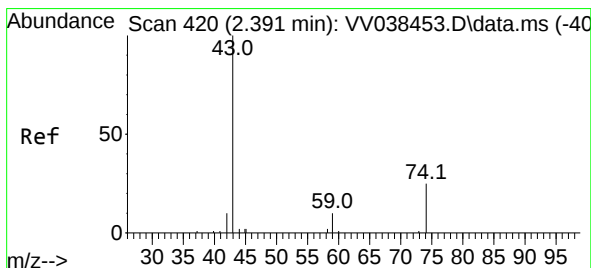
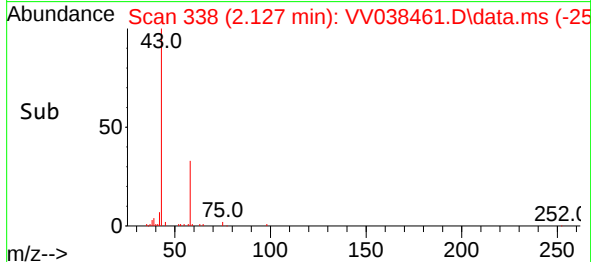
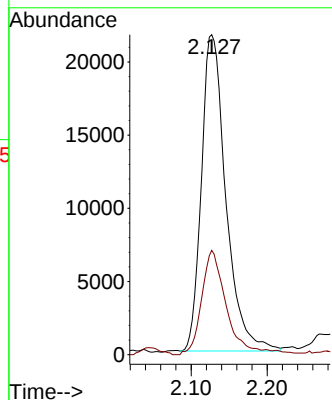
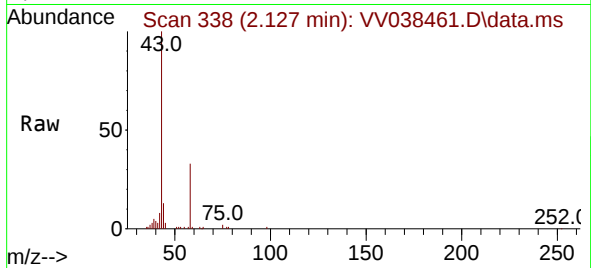




#13
Acetone
Concen: 16.940 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.039 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

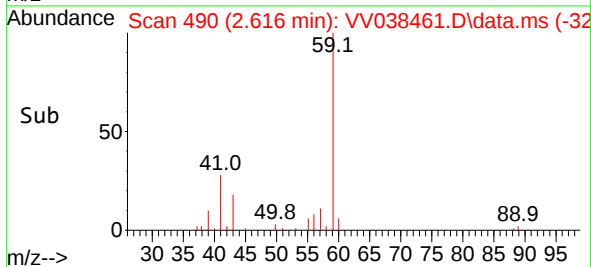
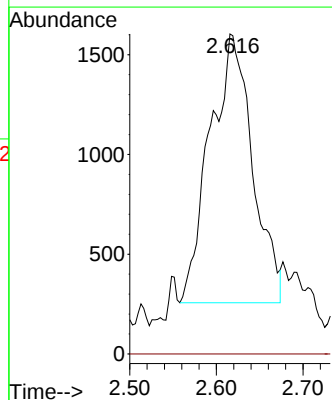
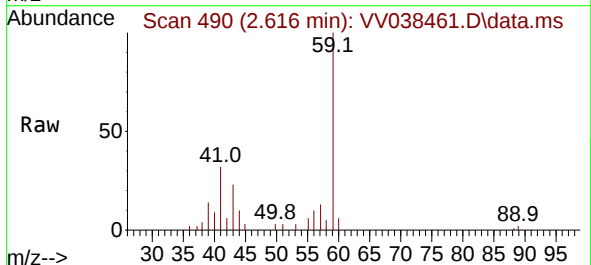
Instrument :
MSVOA_V
ClientSampleId :

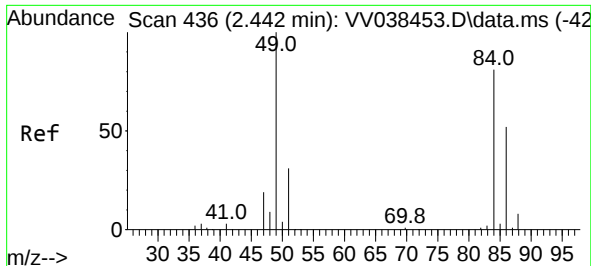
Tgt Ion: 43 Resp: 48340
Ion Ratio Lower Upper
43 100
58 32.5 0.0 67.2



#15
Methyl Acetate
Concen: 0.632 ug/L
RT: 2.616 min Scan# 490
Delta R.T. 0.225 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

Tgt Ion: 43 Resp: 4607
Ion Ratio Lower Upper
43 100
74 0.0 20.4 30.6#

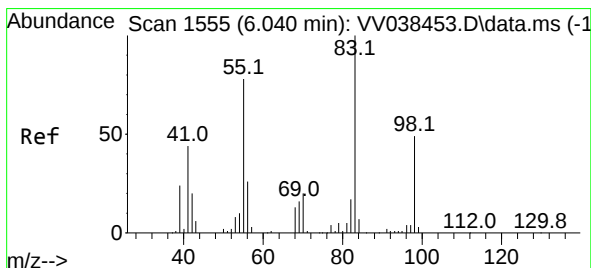
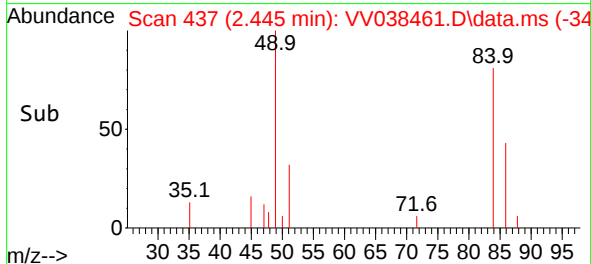
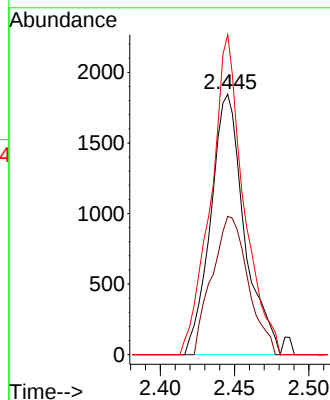
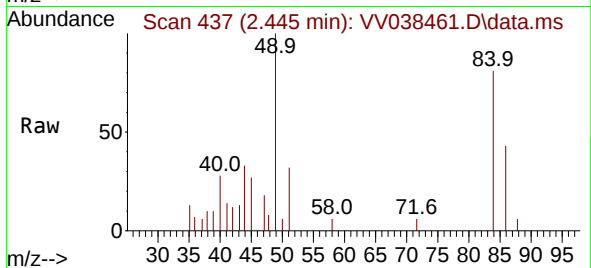




#16
Methylene chloride
Concen: 0.150 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

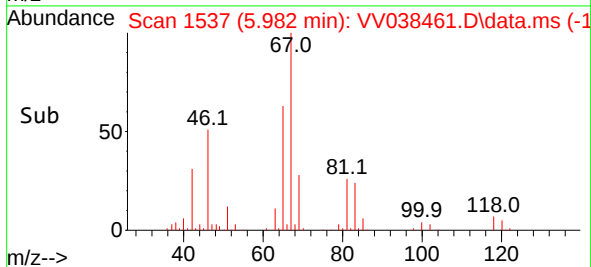
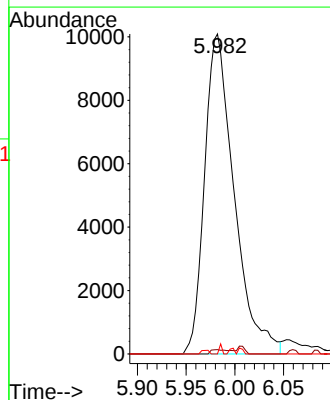
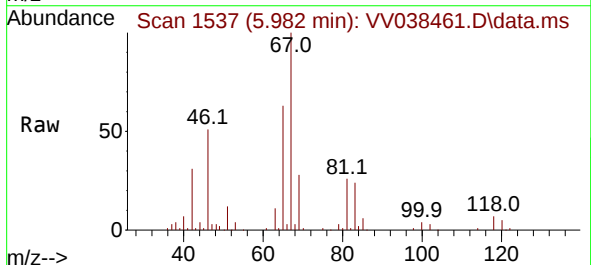
Instrument :
MSVOA_V
ClientSampleId :

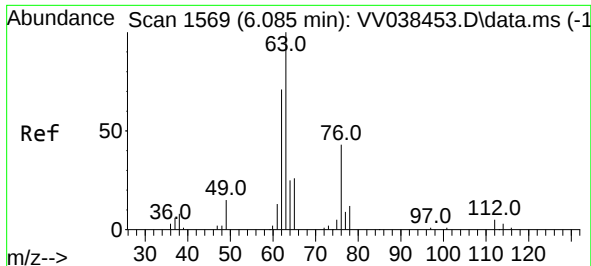
Tgt Ion: 84 Resp: 2917
Ion Ratio Lower Upper
84 100
86 53.2 44.7 82.9
49 122.9 84.1 156.1



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

Tgt Ion: 83 Resp: 21261
Ion Ratio Lower Upper
83 100
55 0.9 59.4 89.0#
98 0.3 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038461.D

Acq: 20 Jan 2025 14:03

Instrument :

MSVOA_V

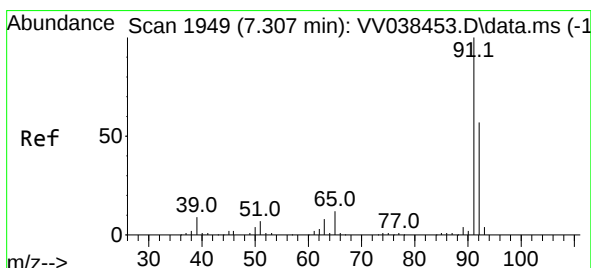
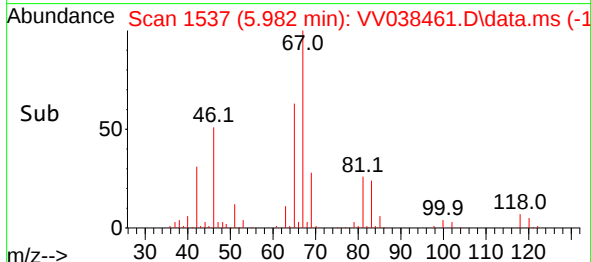
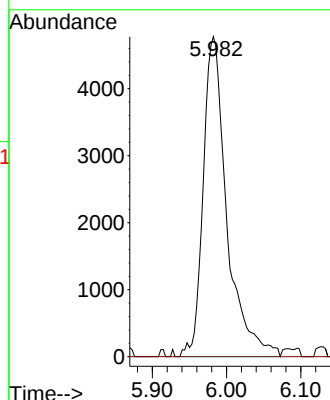
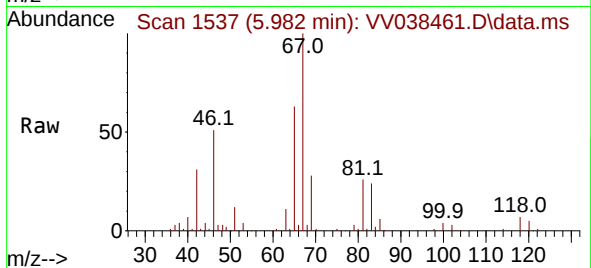
ClientSampleId :

Tgt Ion: 63 Resp: 10554

Ion Ratio Lower Upper

63 100

112 2.0 4.1 6.1#



#42

Toluene

Concen: 0.090 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038461.D

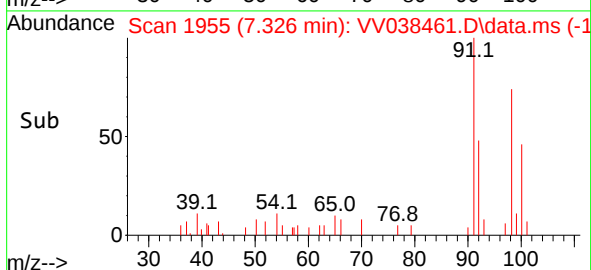
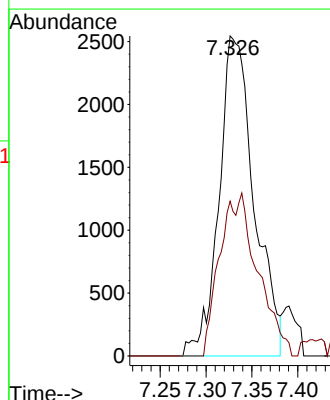
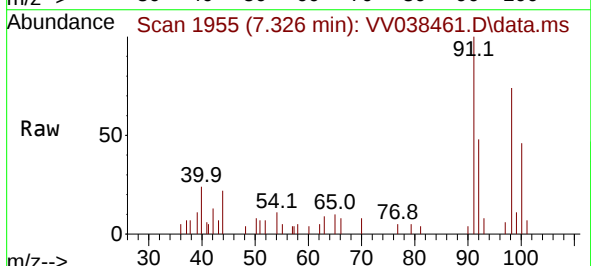
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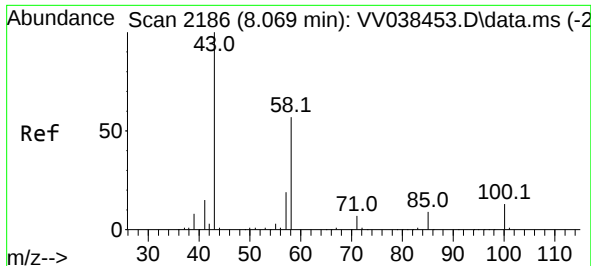
Tgt Ion: 91 Resp: 6772

Ion Ratio Lower Upper

91 100

92 48.4 40.6 75.4

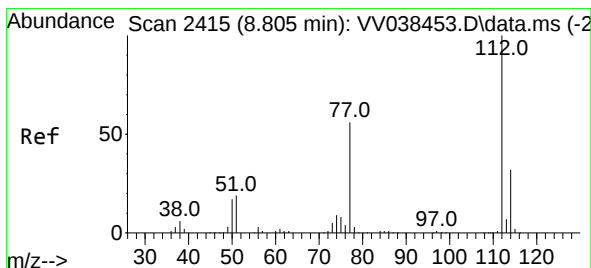
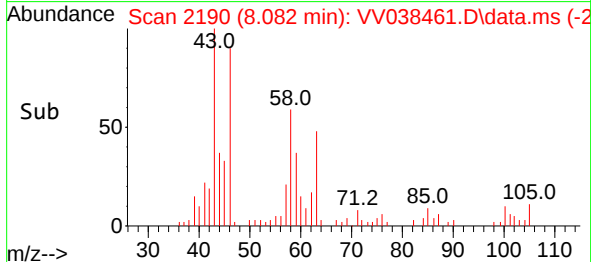
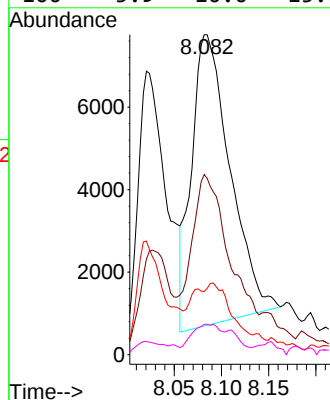
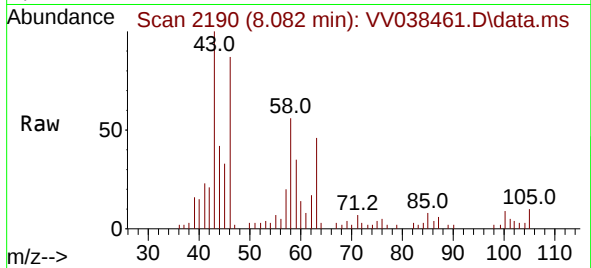




#48
2-Hexanone
Concen: 2.863 ug/L
RT: 8.082 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

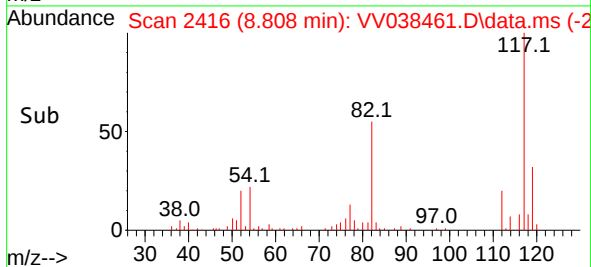
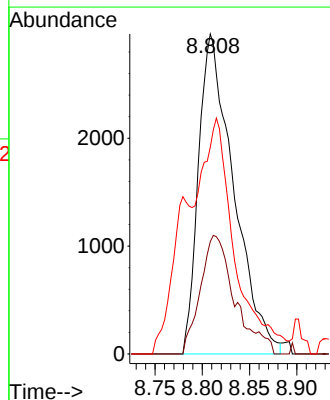
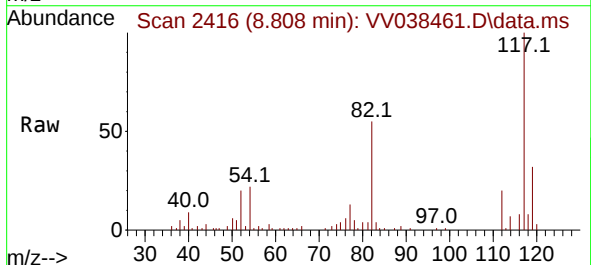
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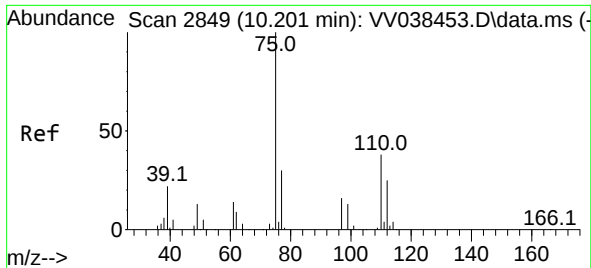
Tgt Ion: 43	Resp: 19977
Ion Ratio	Lower Upper
43 100	
58 48.6	43.6 65.4
57 8.5	15.0 22.4#
100 5.9	10.0 15.0#



#51
Chlorobenzene
Concen: 0.151 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038461.D
Acq: 20 Jan 2025 14:03

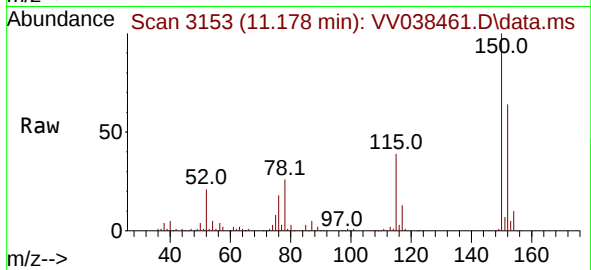
Tgt	Ion:112	Resp:	7655
Ion	Ratio	Lower	Upper
112	100		
114	35.1	22.9	42.5
77	64.6	46.1	69.1





#61
 1,2,3-Trichloropropane
 Concen: 1.305 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV038461.D
 Acq: 20 Jan 2025 14:03

Instrument :
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 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.9	25.4	38.0#
110	3.1	32.6	48.8#

