

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038656.D
 Acq On : 07 Feb 2025 19:28
 Operator : SY/MD
 Sample : Q1334-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E29B6

Quant Time: Feb 12 13:24:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

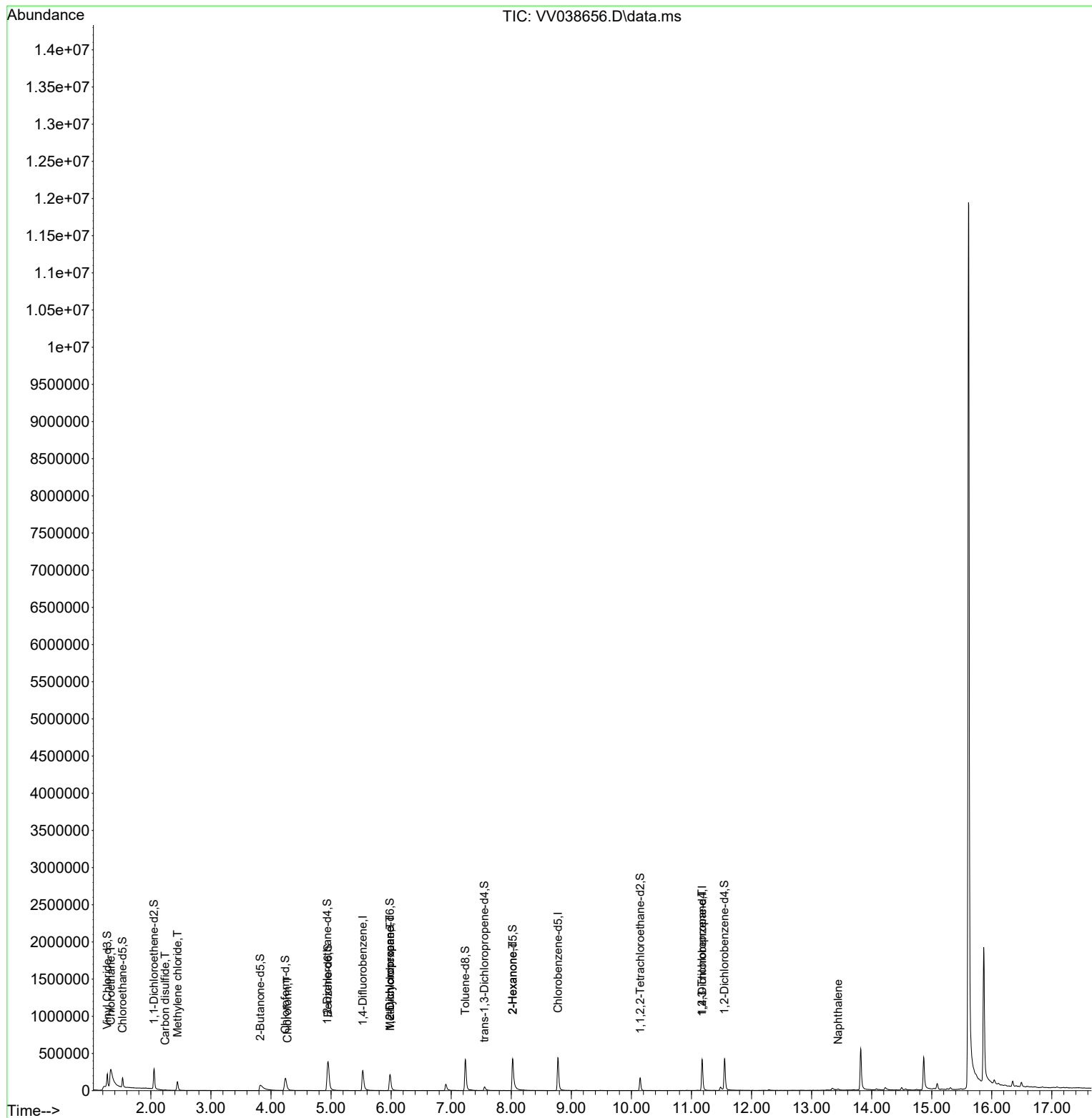
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	253579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	249564	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109002	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	106571	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.529	69	85511	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.053	65	45051	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.822	46	227543	49.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.94%
24) Chloroform-d	4.240	84	186297	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	4.937	65	91387	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	4.950	84	365784	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	5.982	67	114076	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.236	98	294436	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	7.555	79	34962	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.024	63	183577	59.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.34%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87444	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	11.551	152	107473	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%
Target Compounds						Qvalue
8) Chloroethane	1.333	64	580645	31.33	ug/L #	54
14) Carbon disulfide	2.240	76	9633	0.14	ug/L #	88
16) Methylene chloride	2.442	84	50986	2.08	ug/L	99
25) Chloroform	4.275	83	6734	0.16	ug/L	98
35) Methylcyclohexane	5.985	83	26335	0.83	ug/L #	18
37) 1,2-Dichloropropane	5.982	63	12603	0.63	ug/L #	87
48) 2-Hexanone	8.024	43	23731	3.07	ug/L #	68
61) 1,2,3-Trichloropropane	11.175	75	15074	1.34	ug/L #	65
71) Naphthalene	13.442	128	12135	0.43	ug/L	97

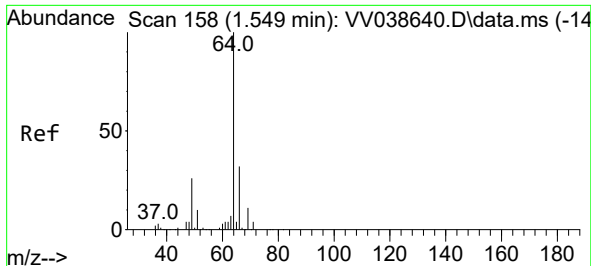
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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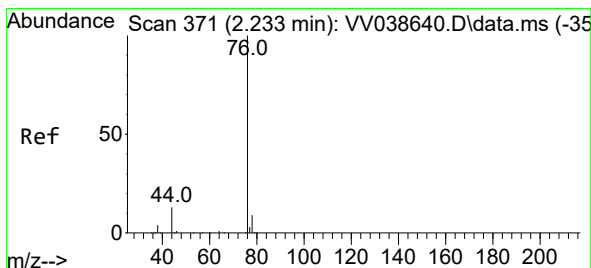
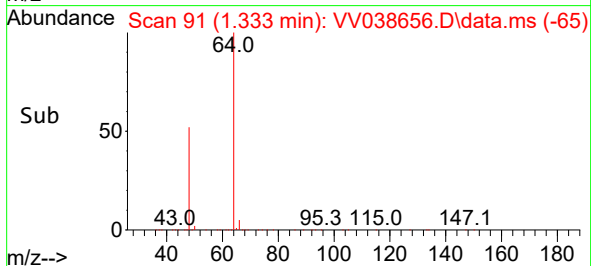
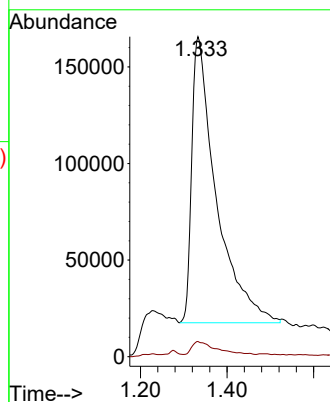
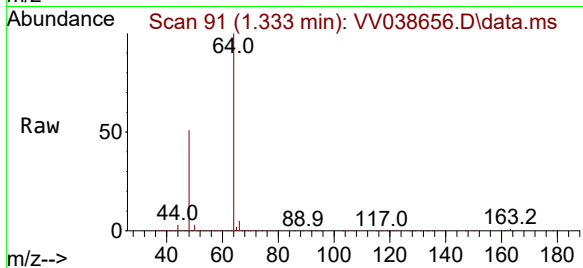




#8
Chloroethane
Concen: 31.33 ug/L
RT: 1.333 min Scan# 91
Delta R.T. -0.216 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

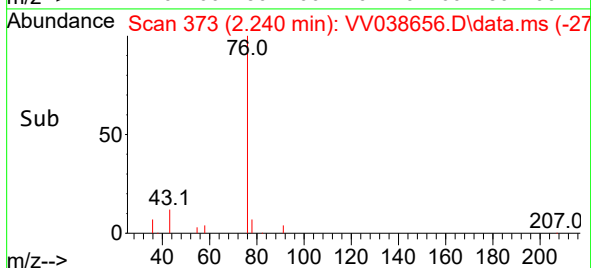
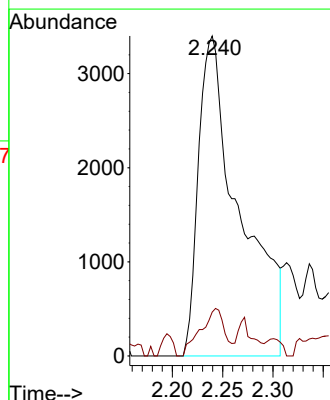
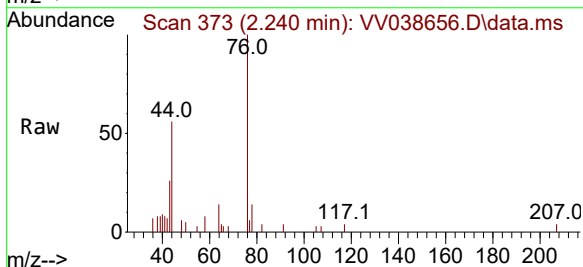
Instrument :
MSVOA_V
ClientSampleId :
E29B6

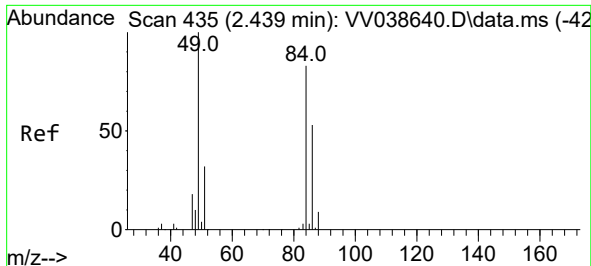
Tgt Ion: 64 Resp: 580645
Ion Ratio Lower Upper
64 100
66 4.8 20.9 38.7#



#14
Carbon disulfide
Concen: 0.14 ug/L
RT: 2.240 min Scan# 373
Delta R.T. 0.006 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

Tgt Ion: 76 Resp: 9633
Ion Ratio Lower Upper
76 100
78 13.7 7.5 11.3#

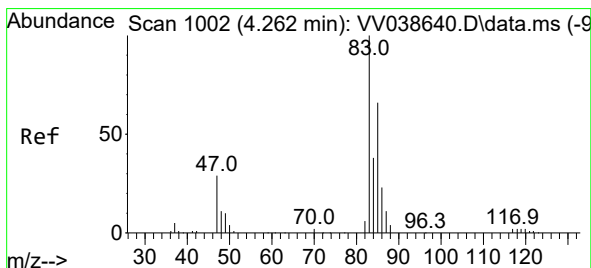
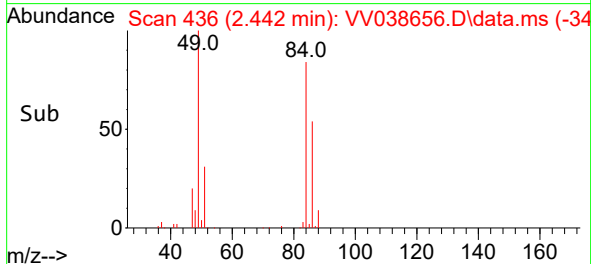
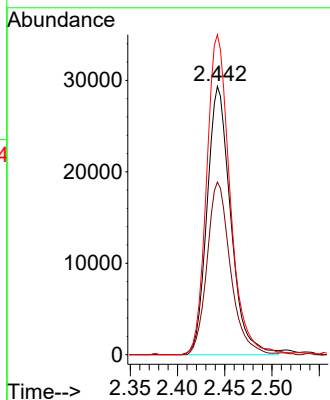
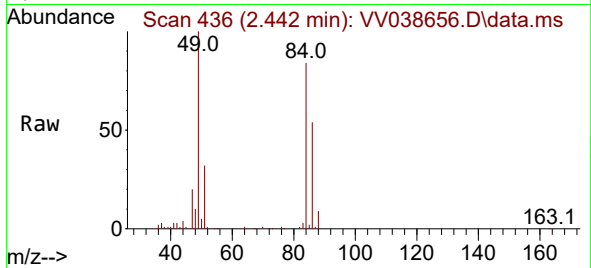




#16
Methylene chloride
Concen: 2.08 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

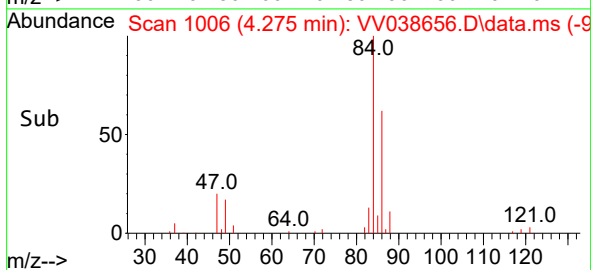
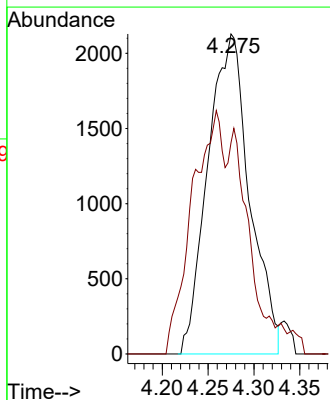
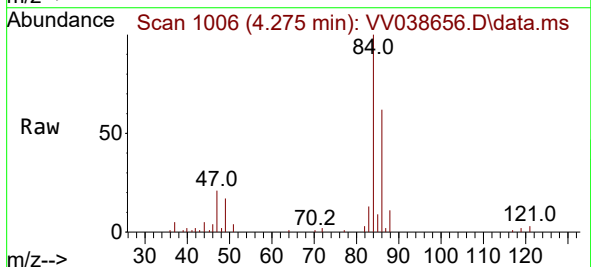
Instrument :
MSVOA_V
ClientSampleId :
E29B6

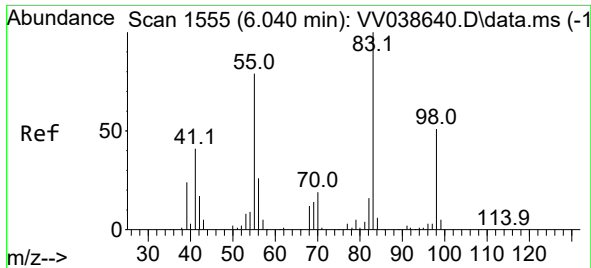
Tgt Ion: 84 Resp: 50986
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 119.2 83.9 155.9



#25
Chloroform
Concen: 0.16 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.013 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

Tgt Ion: 83 Resp: 6734
Ion Ratio Lower Upper
83 100
85 66.0 47.2 87.6

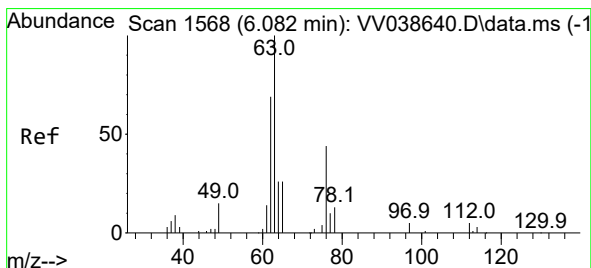
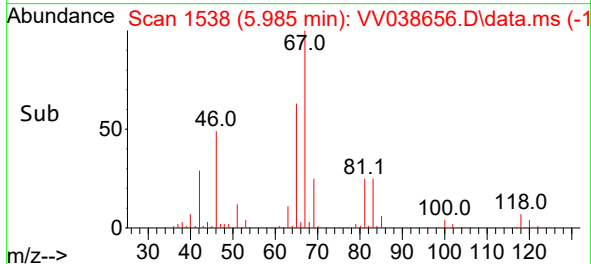
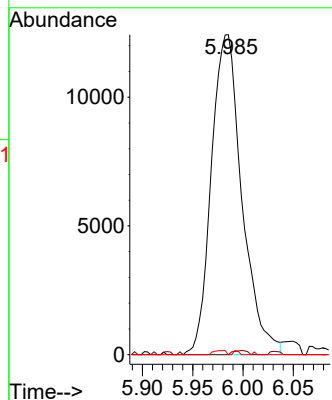
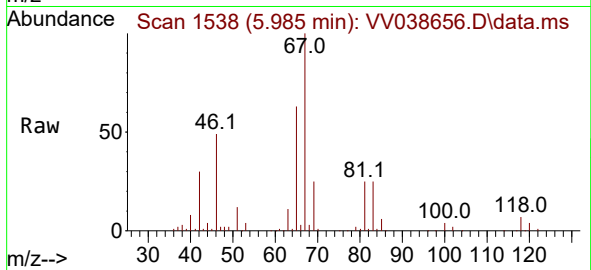




#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

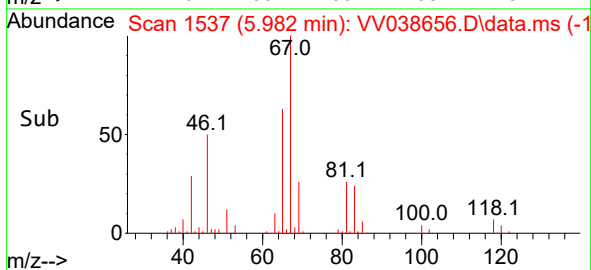
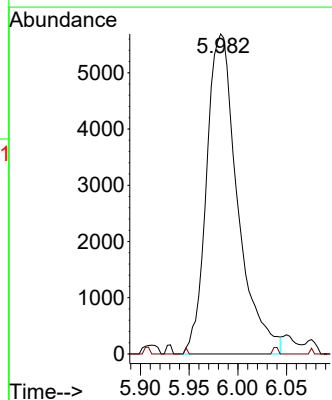
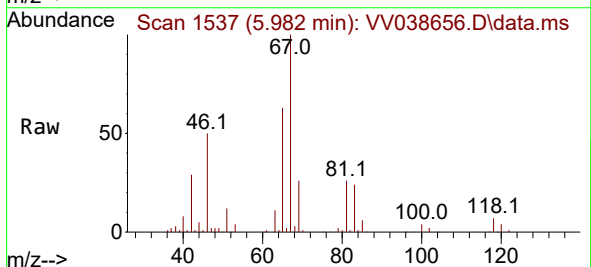
Instrument :
MSVOA_V
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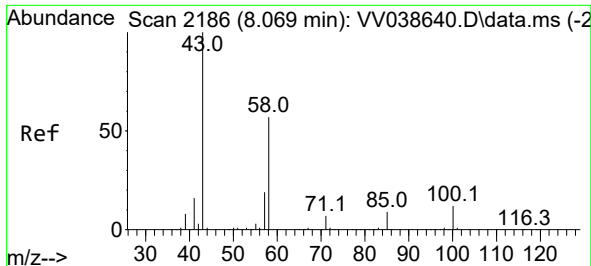
Tgt Ion: 83 Resp: 26335
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.5 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.100 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

Tgt Ion: 63 Resp: 12603
Ion Ratio Lower Upper
63 100
112 0.2 3.6 5.4#

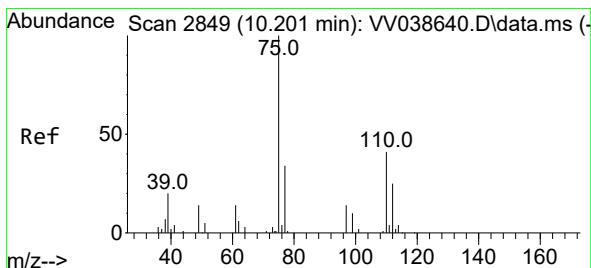
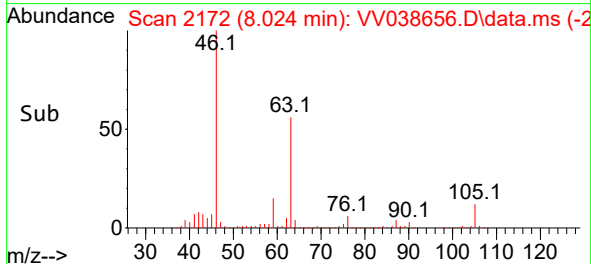
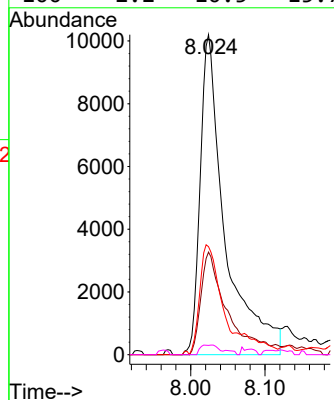
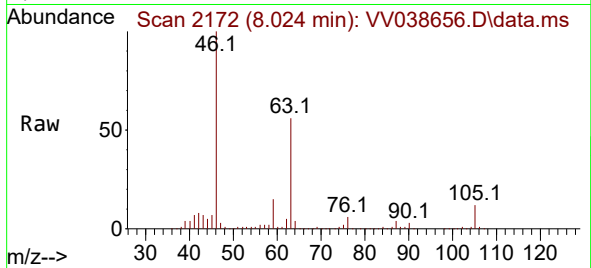




#48
2-Hexanone
Concen: 3.07 ug/L
RT: 8.024 min Scan# 2186
Delta R.T. -0.045 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

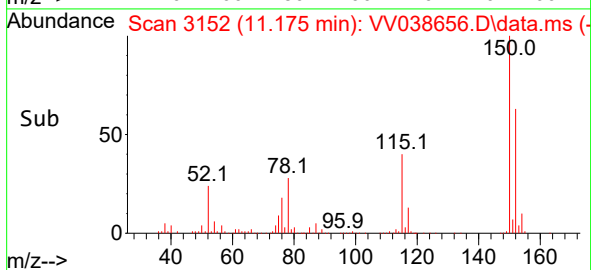
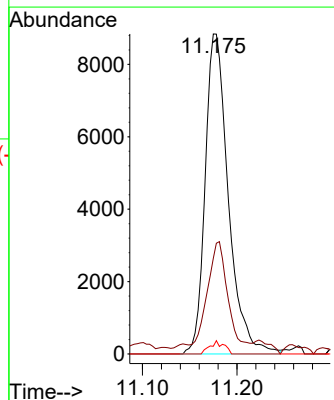
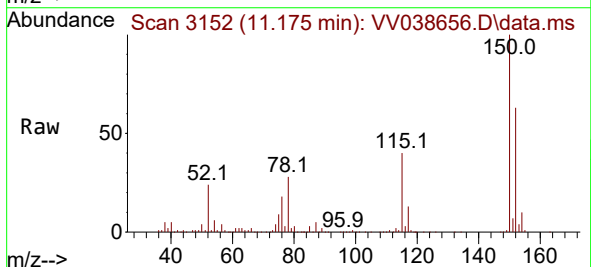
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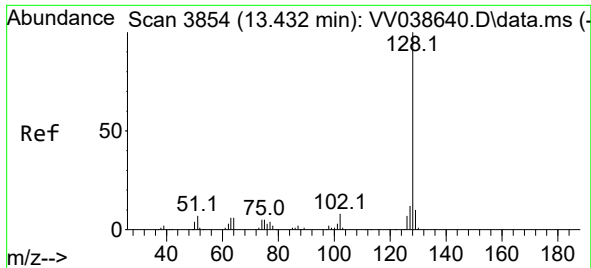
Tgt Ion: 43	Resp: 23731
Ion Ratio	Lower Upper
43 100	
58 33.6	46.1 69.1#
57 35.1	15.0 22.6#
100 2.2	10.5 15.7#



#61
1,2,3-Trichloropropane
Concen: 1.34 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. 0.974 min
Lab File: VV038656.D
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Tgt Ion: 75	Resp: 15074
Ion Ratio	Lower Upper
75 100	
77 28.7	25.5 38.3
110 2.5	30.9 46.3#





#71
Naphthalene
Concen: 0.43 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.009 min
Lab File: VV038656.D
Acq: 07 Feb 2025 19:28

Instrument :
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Tgt Ion:128 Resp: 12135
Ion Ratio Lower Upper
128 100
129 10.0 7.6 11.4
127 15.1 10.9 16.3

