

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038533.D
 Acq On : 24 Jan 2025 13:26
 Operator : SY/MD
 Sample : Q1137-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 20:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

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

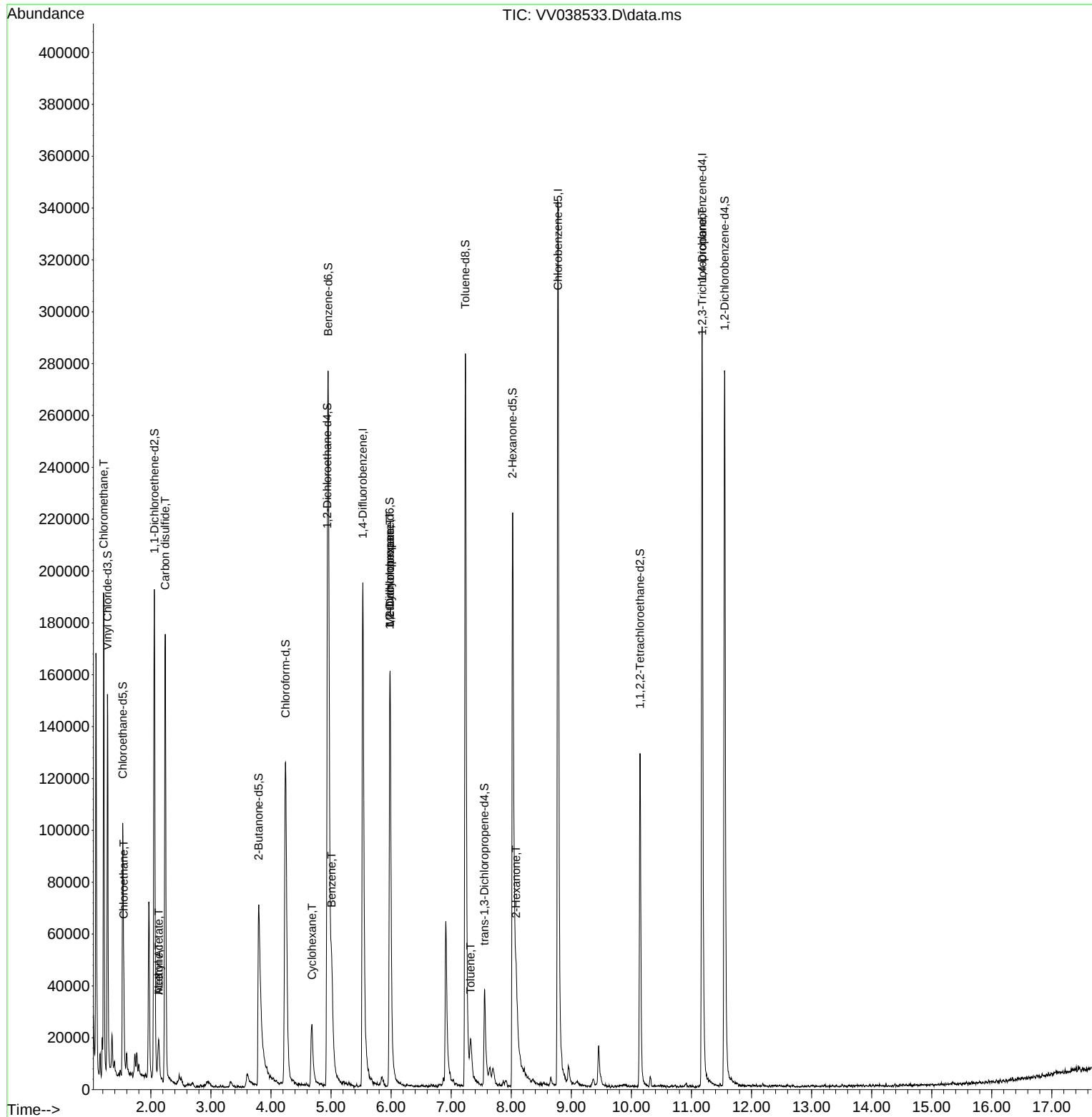
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	183357	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	197619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	80768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68893	4.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	61008	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.060	65	32318	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.796	46	146247	45.986	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.980%
24) Chloroform-d	4.243	84	141834	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.937	65	68294	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.953	84	263948	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.979	67	86974	5.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.236	98	208543	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.555	79	26775	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.021	63	88045	36.877	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.760%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	67640	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	75888	5.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	122694	5.838	ug/L	100
8) Chloroethane	1.548	64	15176	1.193	ug/L	92
13) Acetone	2.130	43	22202	8.972	ug/L	96
14) Carbon disulfide	2.240	76	203576	3.985	ug/L	97
15) Methyl Acetate	2.130	43	21004	3.322	ug/L #	50
30) Cyclohexane	4.683	56	24452	1.022	ug/L #	17
33) Benzene	5.008	78	47595	0.758	ug/L	100
35) Methylcyclohexane	5.982	83	19979	0.804	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	9459	0.584	ug/L #	85
42) Toluene	7.323	91	13730	0.210	ug/L	89
48) 2-Hexanone	8.082	43	22957	3.781	ug/L #	56
61) 1,2,3-Trichloropropane	11.181	75	10494	1.352	ug/L #	65

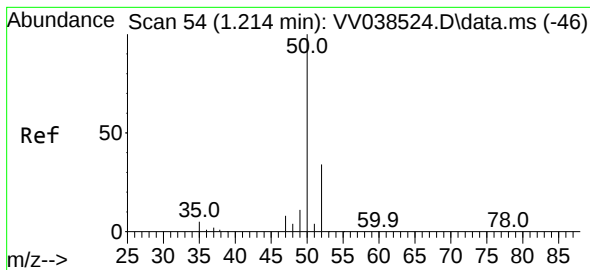
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 5.838 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV038533.D

Acq: 24 Jan 2025 13:26

Instrument :

MSVOA_V

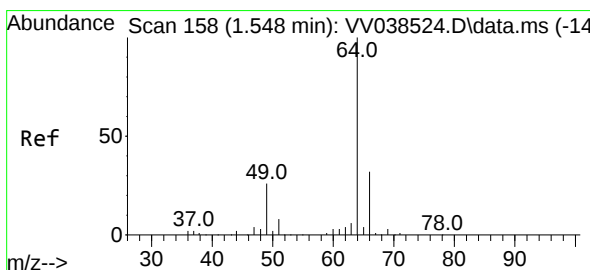
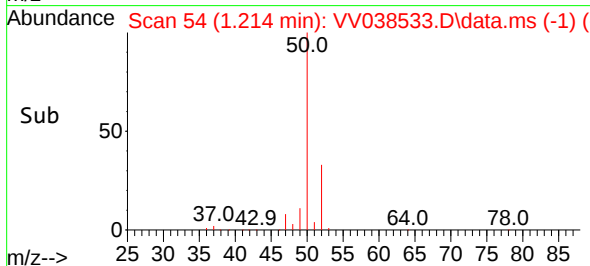
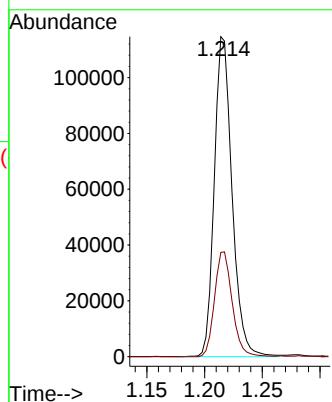
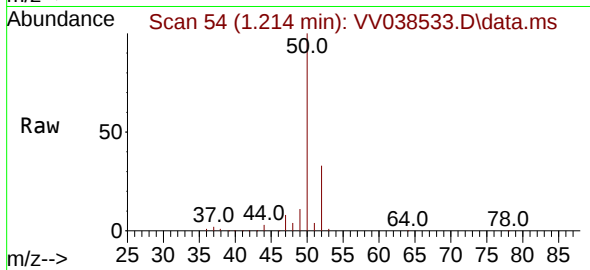
ClientSampleId :

Tgt Ion: 50 Resp: 122694

Ion Ratio Lower Upper

50 100

52 32.6 23.0 42.6



#8

Chloroethane

Concen: 1.193 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV038533.D

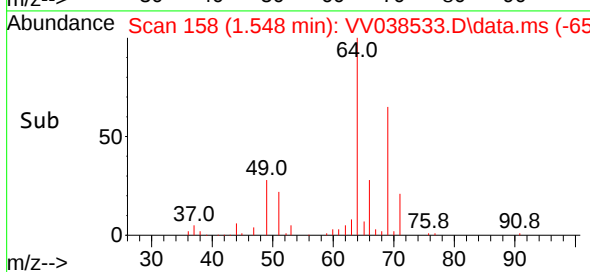
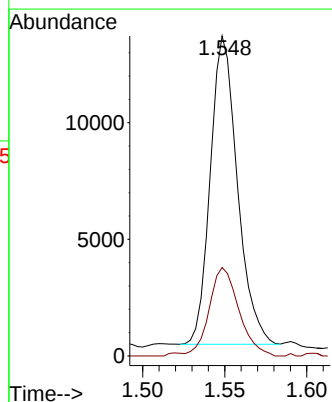
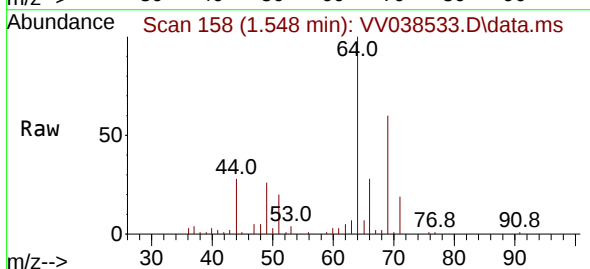
Acq: 24 Jan 2025 13:26

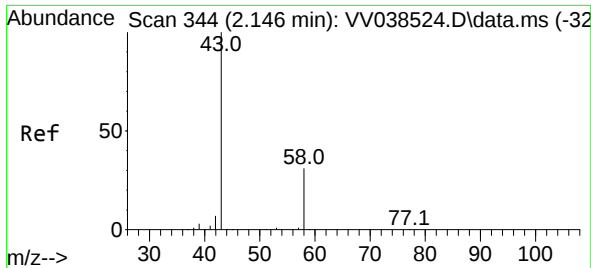
Tgt Ion: 64 Resp: 15176

Ion Ratio Lower Upper

64 100

66 27.6 22.7 42.1





#13

Acetone

Concen: 8.972 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV038533.D

Acq: 24 Jan 2025 13:26

Instrument :

MSVOA_V

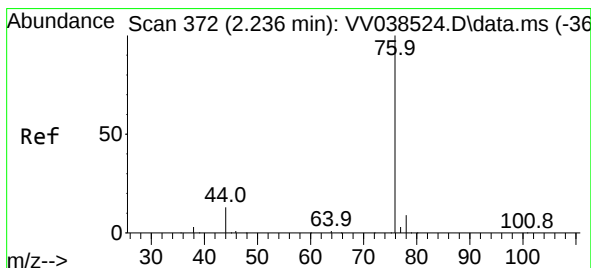
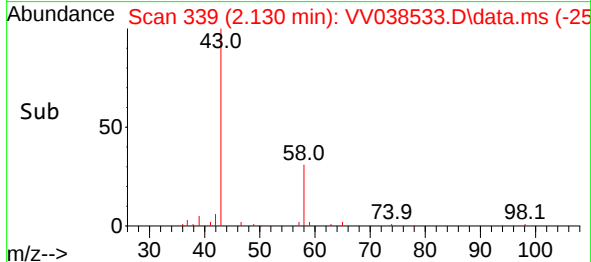
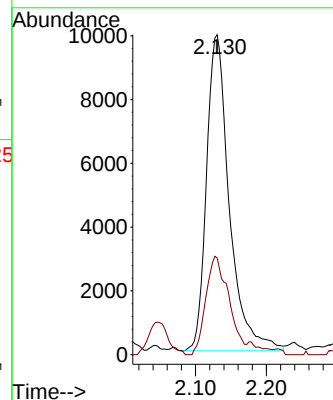
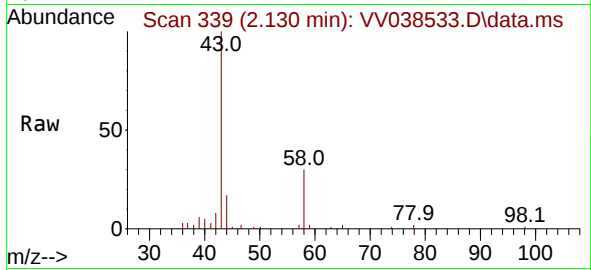
ClientSampleId :

Tgt Ion: 43 Resp: 22202

Ion Ratio Lower Upper

43 100

58 31.4 0.0 67.2



#14

Carbon disulfide

Concen: 3.985 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV038533.D

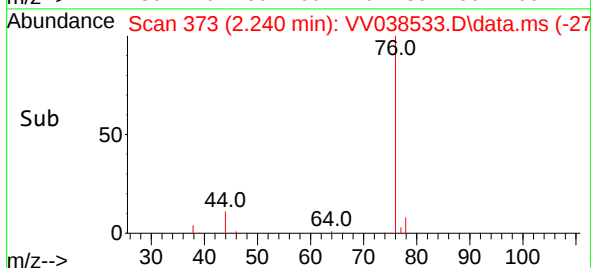
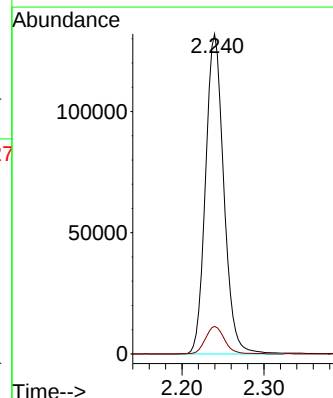
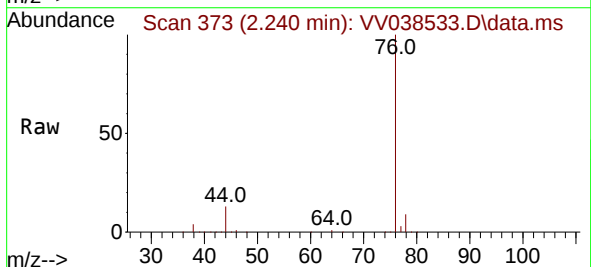
Acq: 24 Jan 2025 13:26

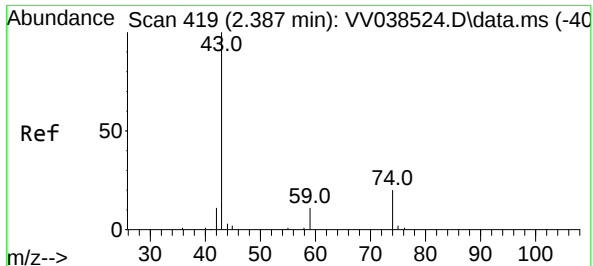
Tgt Ion: 76 Resp: 203576

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4

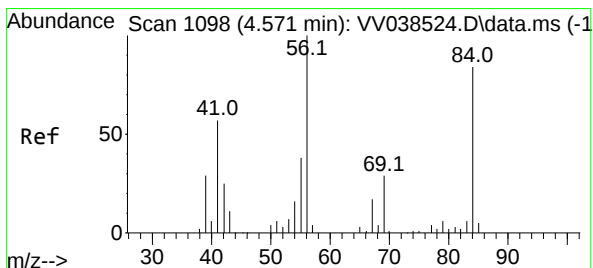
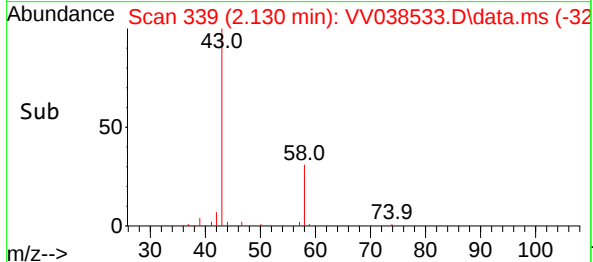
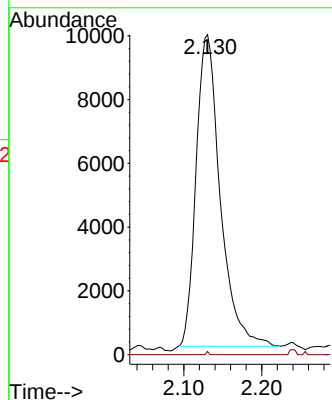
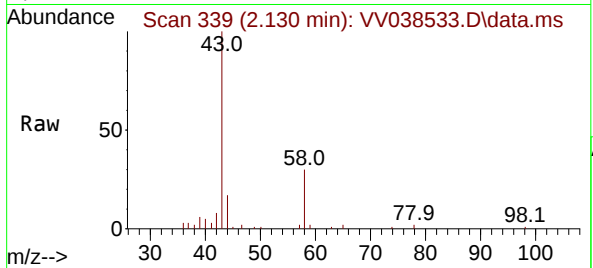




#15
Methyl Acetate
Concen: 3.322 ug/L
RT: 2.130 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

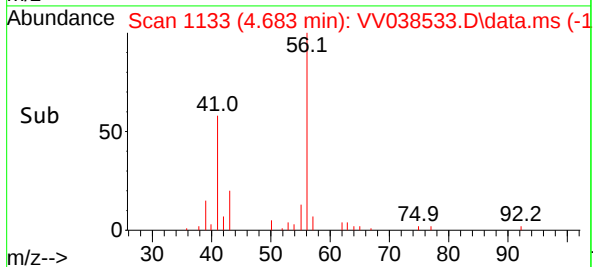
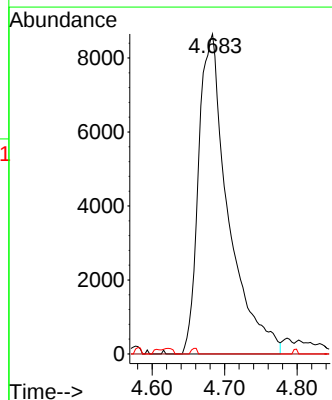
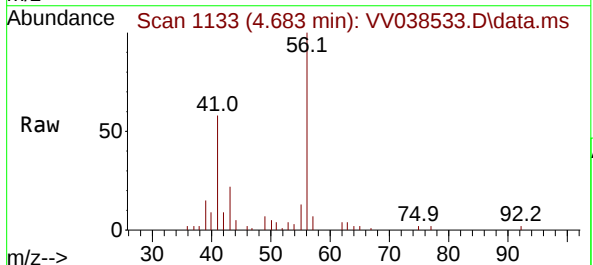
Instrument :
MSVOA_V
ClientSampleId :

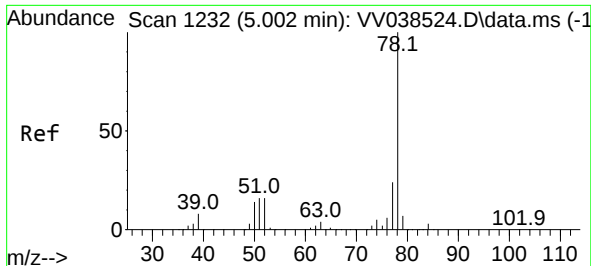
Tgt Ion: 43 Resp: 21004
Ion Ratio Lower Upper
43 100
74 0.1 20.4 30.6#



#30
Cyclohexane
Concen: 1.022 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.113 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

Tgt Ion: 56 Resp: 24452
Ion Ratio Lower Upper
56 100
69 0.0 24.7 37.1#
84 0.0 68.2 102.2#

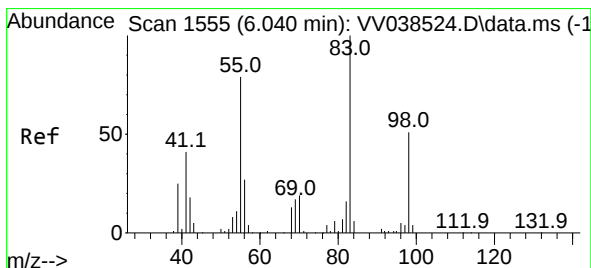
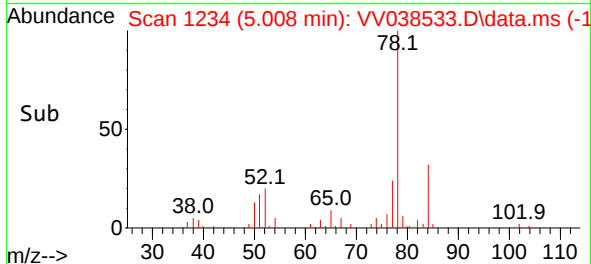
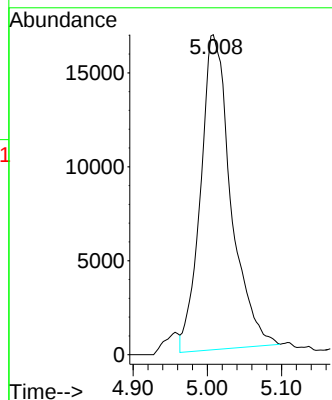
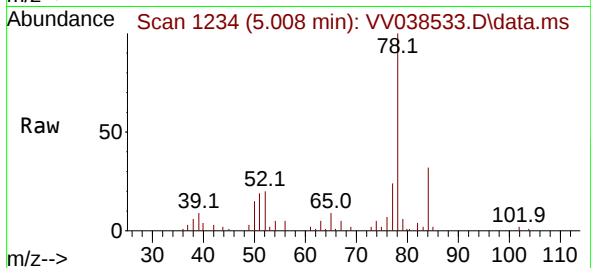




#33
Benzene
Concen: 0.758 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

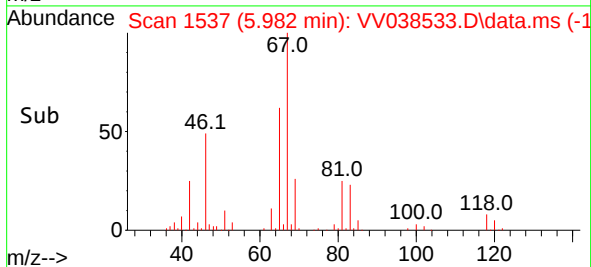
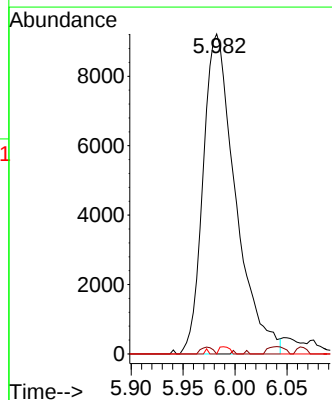
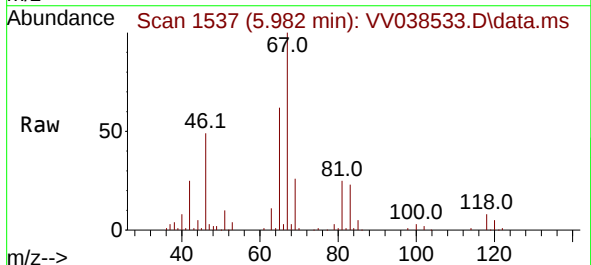
Instrument :
MSVOA_V
ClientSampleId :

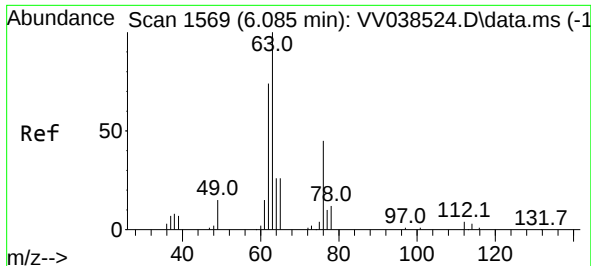
Tgt Ion: 78 Resp: 47595



#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

Tgt Ion: 83 Resp: 19979
Ion Ratio Lower Upper
83 100
55 0.1 59.4 89.0#
98 0.7 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038533.D

Acq: 24 Jan 2025 13:26

Instrument :

MSVOA_V

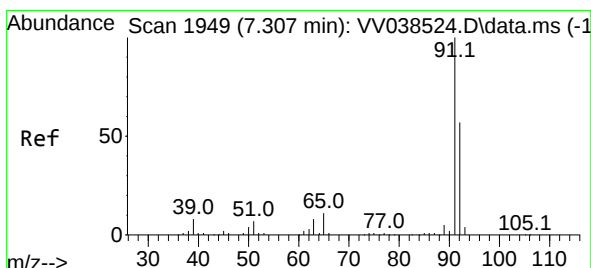
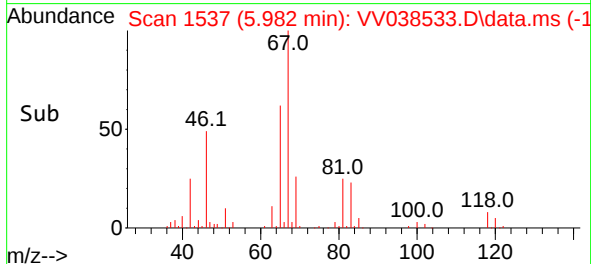
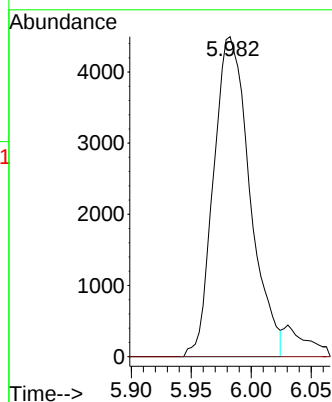
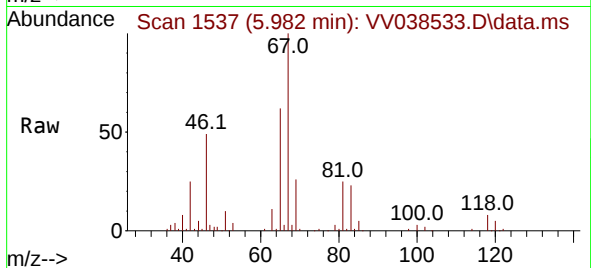
ClientSampleId :

Tgt Ion: 63 Resp: 9459

Ion Ratio Lower Upper

63 100

112 0.2 4.1 6.1#



#42

Toluene

Concen: 0.210 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038533.D

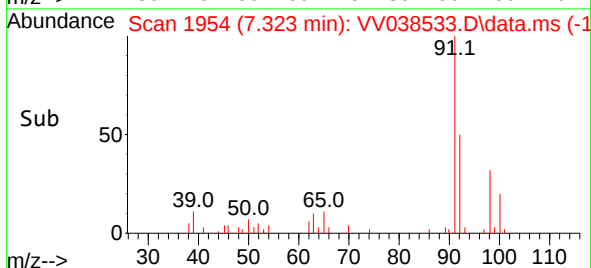
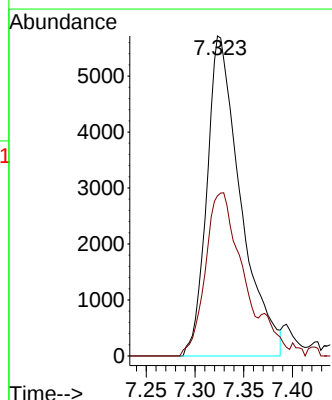
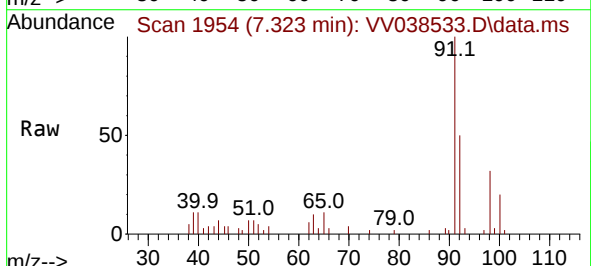
Acq: 24 Jan 2025 13:26

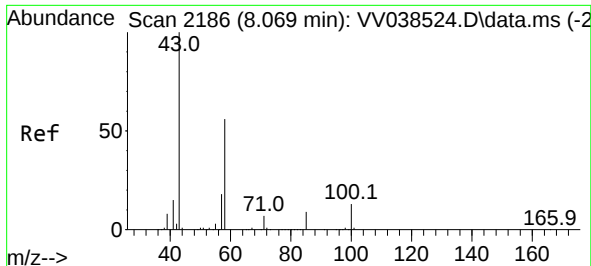
Tgt Ion: 91 Resp: 13730

Ion Ratio Lower Upper

91 100

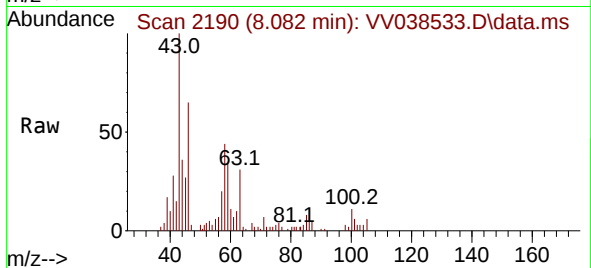
92 50.0 40.6 75.4



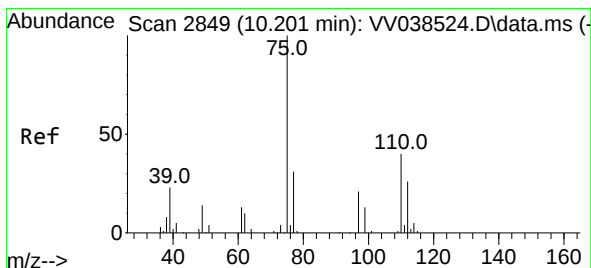
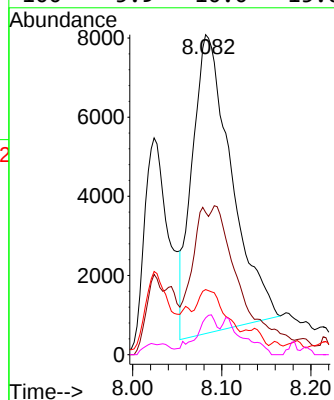
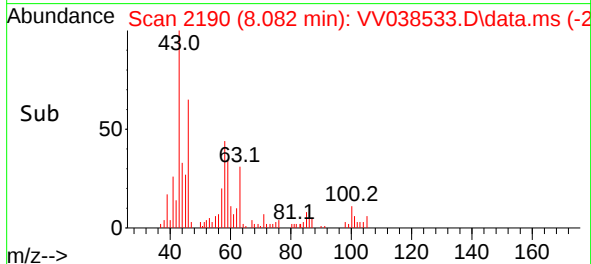


#48
2-Hexanone
Concen: 3.781 ug/L
RT: 8.082 min Scan# 2186
Delta R.T. 0.013 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

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MSVOA_V
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Tgt Ion: 43	Resp: 22957
Ion Ratio	Lower Upper
43 100	
58 12.6	43.6 65.4#
57 10.4	15.0 22.4#
100 5.9	10.0 15.0#



#61
1,2,3-Trichloropropane
Concen: 1.352 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.981 min
Lab File: VV038533.D
Acq: 24 Jan 2025 13:26

Tgt Ion: 75	Resp: 10494
Ion Ratio	Lower Upper
75 100	
77 31.1	25.4 38.0
110 1.9	32.6 48.8#

