

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012125\
 Data File : VW038489.D
 Acq On : 21 Jan 2025 17:26
 Operator : SY/MD
 Sample : Q1137-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:57:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

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

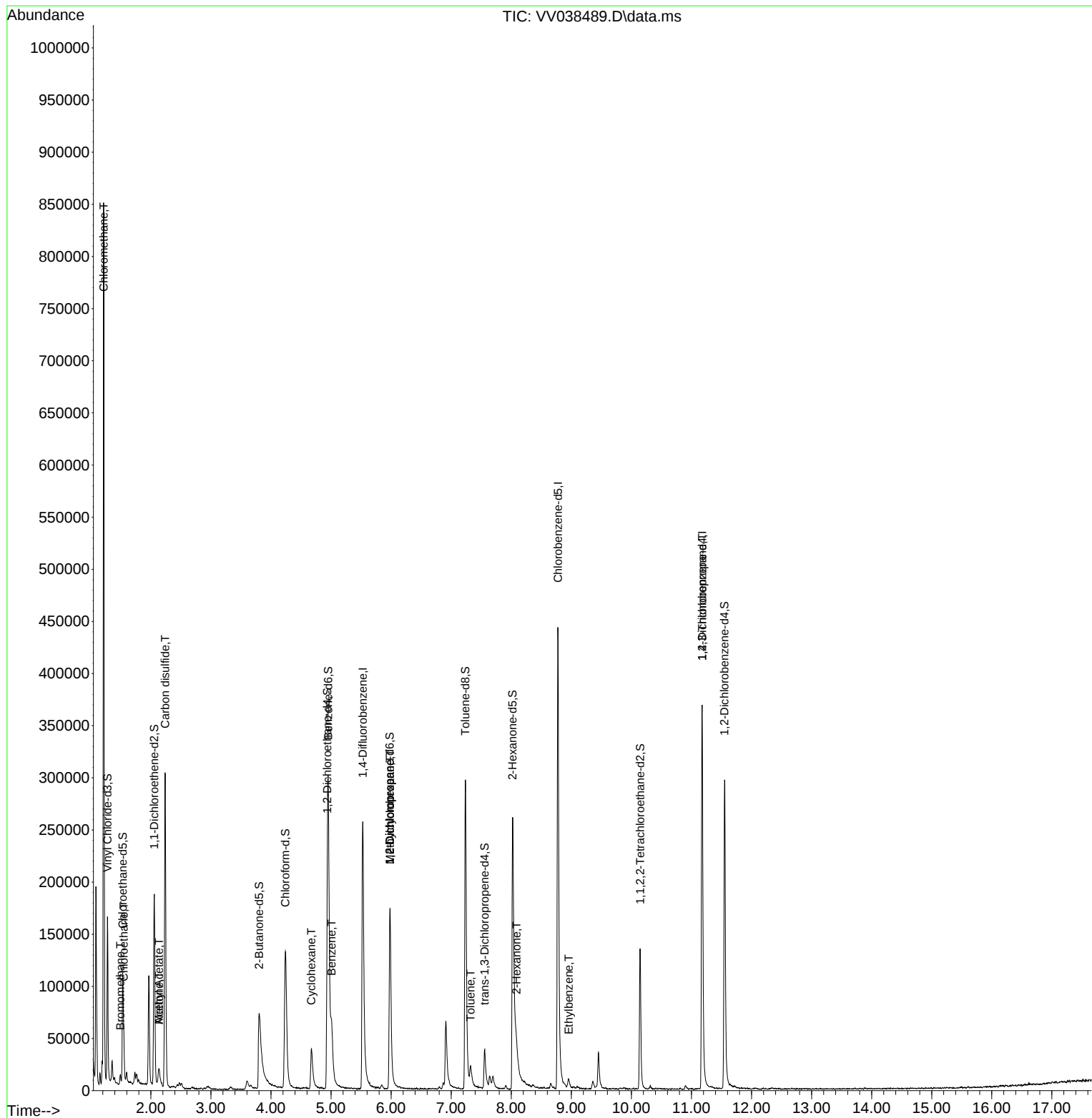
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	241839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	256807	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	103136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71168	3.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.532	69	66671	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.056	65	31537	3.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.802	46	172570	41.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.280%
24) Chloroform-d	4.239	84	150031	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	4.937	65	72039	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	4.953	84	291492	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.979	67	90884	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.236	98	217340	3.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.558	79	27302	3.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.021	63	103032	33.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.420%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	69735	4.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	80648	4.620	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	542882	19.586	ug/L	100
6) Bromomethane	1.490	94	3625	0.259	ug/L	85
8) Chloroethane	1.548	64	22808	1.359	ug/L	98
13) Acetone	2.137	43	29068	8.906	ug/L	95
14) Carbon disulfide	2.236	76	350498	5.202	ug/L	99
15) Methyl Acetate	2.137	43	29044	3.483	ug/L #	50
30) Cyclohexane	4.670	56	37251	1.198	ug/L #	17
33) Benzene	5.008	78	69698	0.855	ug/L	100
35) Methylcyclohexane	5.982	83	20875	0.646	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10549	0.501	ug/L #	87
42) Toluene	7.323	91	17142	0.202	ug/L	97
48) 2-Hexanone	8.088	43	27634	3.503	ug/L #	97
52) Ethylbenzene	8.956	91	7310	0.080	ug/L	94
61) 1,2,3-Trichloropropane	11.178	75	14004	1.413	ug/L #	64

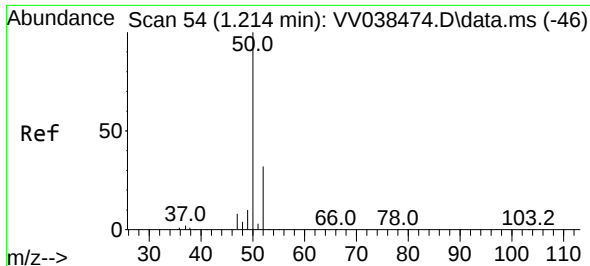
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
Data File : VV038489.D
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Operator : SY/MD
Sample : Q1137-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

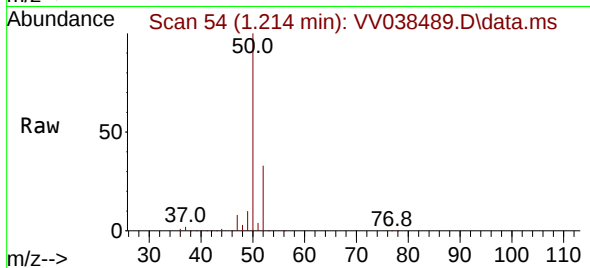
Quant Time: Jan 22 02:57:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:52:26 2025
Response via : Initial Calibration



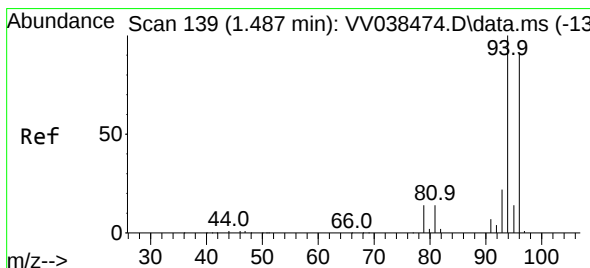
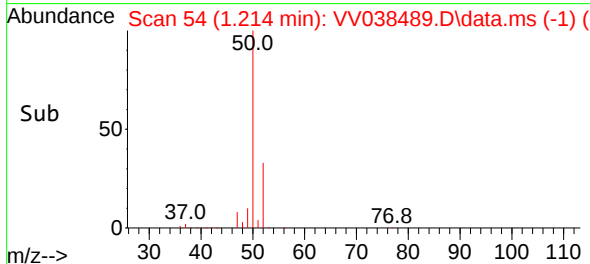
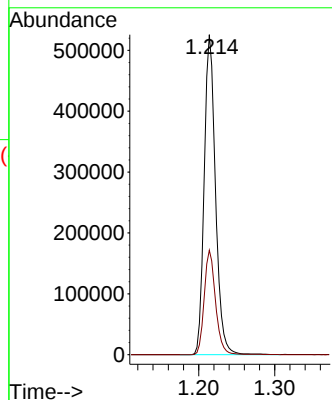


#3
Chloromethane
Concen: 19.586 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Instrument :
MSVOA_V
ClientSampleId :

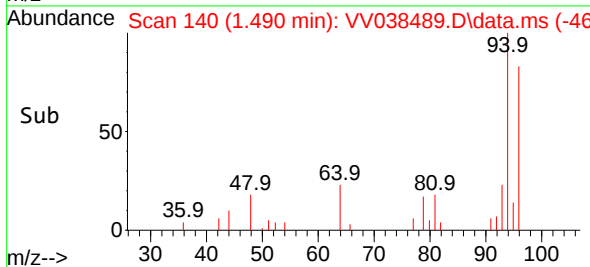
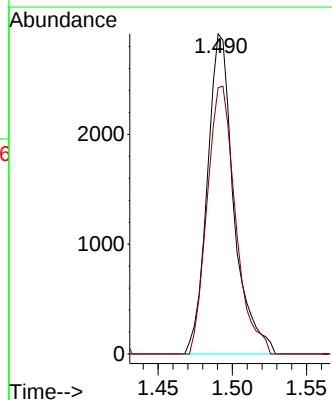
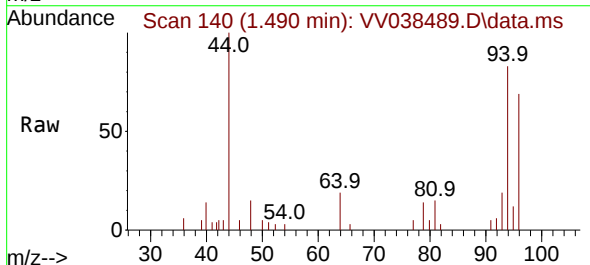


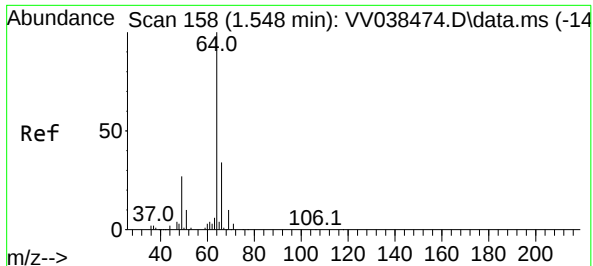
Tgt Ion: 50 Resp: 542882
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.6



#6
Bromomethane
Concen: 0.259 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Tgt Ion: 94 Resp: 3625
Ion Ratio Lower Upper
94 100
96 83.2 68.9 127.9

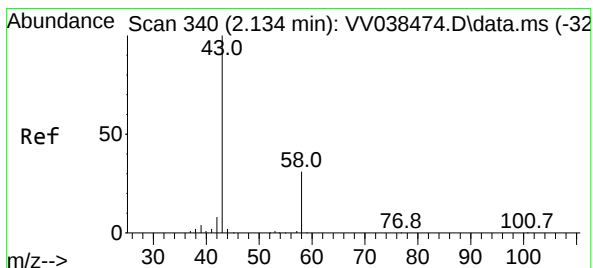
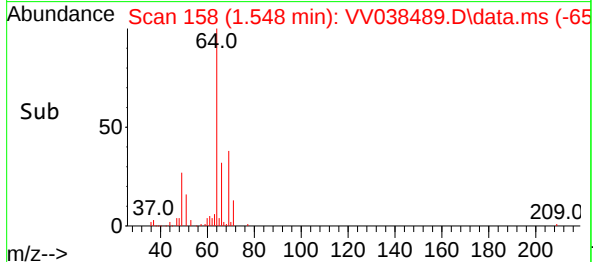
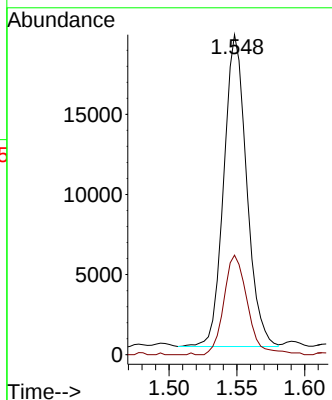
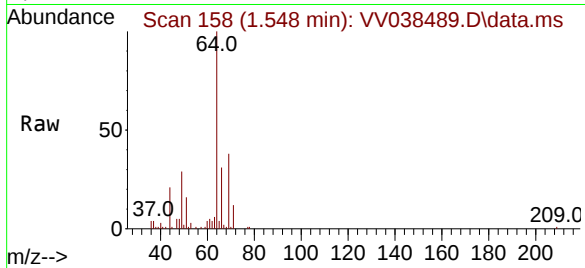




#8
Chloroethane
Concen: 1.359 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

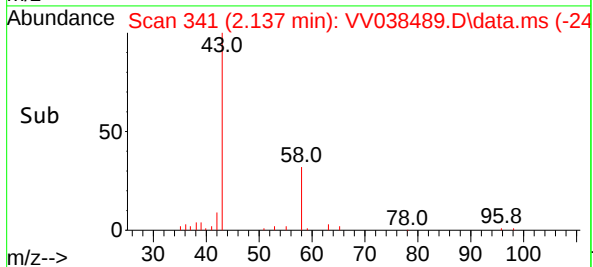
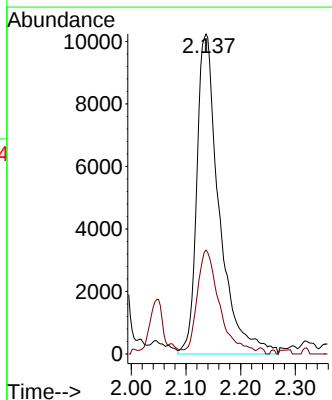
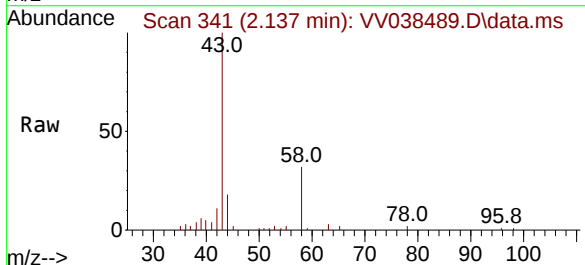
Instrument :
MSVOA_V
ClientSampleId :

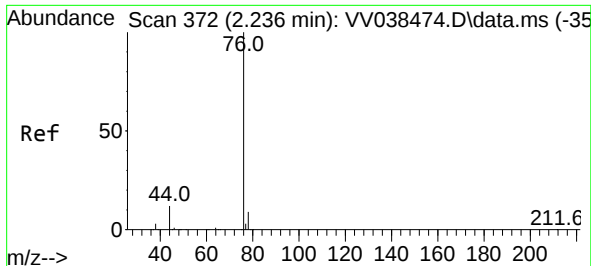
Tgt Ion: 64 Resp: 22808
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.1



#13
Acetone
Concen: 8.906 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.003 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Tgt Ion: 43 Resp: 29068
Ion Ratio Lower Upper
43 100
58 30.7 0.0 67.2

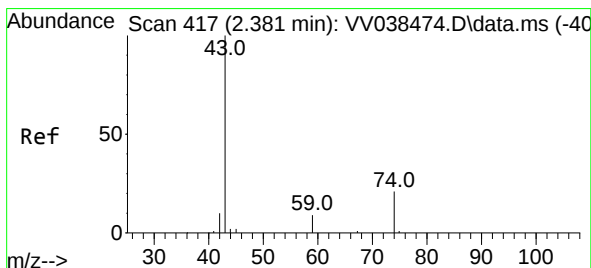
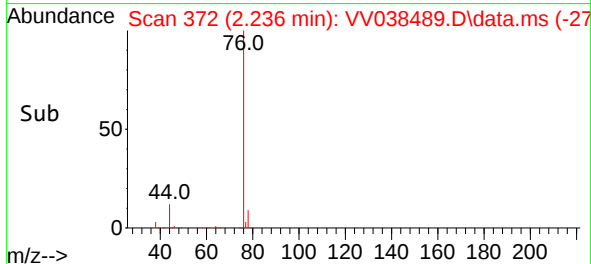
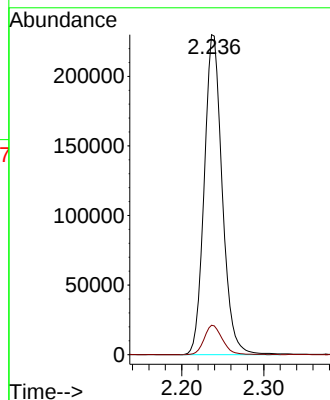
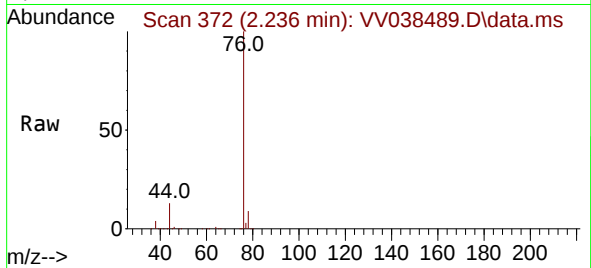




#14
Carbon disulfide
Concen: 5.202 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

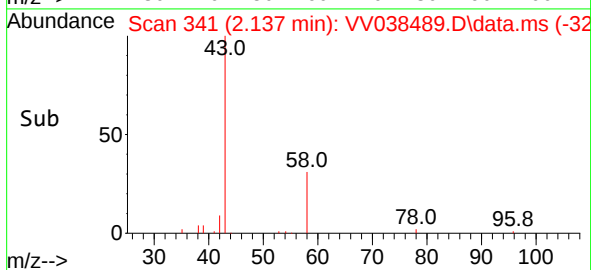
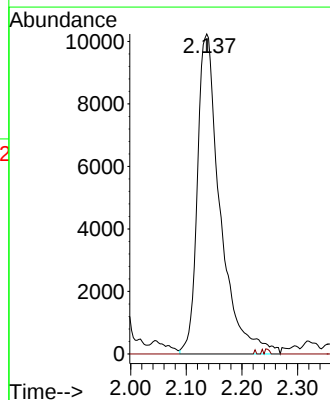
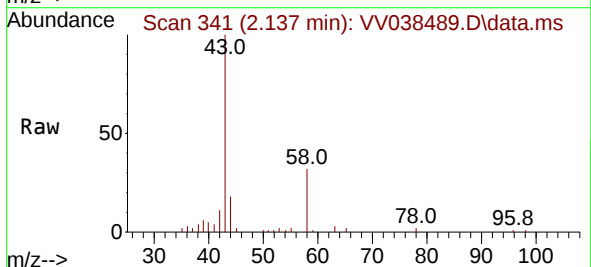
Instrument :
MSVOA_V
ClientSampleId :

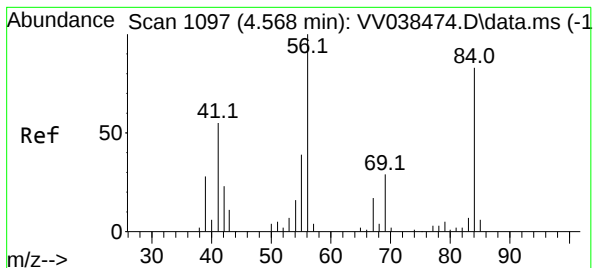
Tgt Ion: 76 Resp: 350498
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#15
Methyl Acetate
Concen: 3.483 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.245 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Tgt Ion: 43 Resp: 29044
Ion Ratio Lower Upper
43 100
74 0.1 20.4 30.6#





#30

Cyclohexane

Concen: 1.198 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.103 min

Lab File: VV038489.D

Acq: 21 Jan 2025 17:26

Instrument :

MSVOA_V

ClientSampleId :

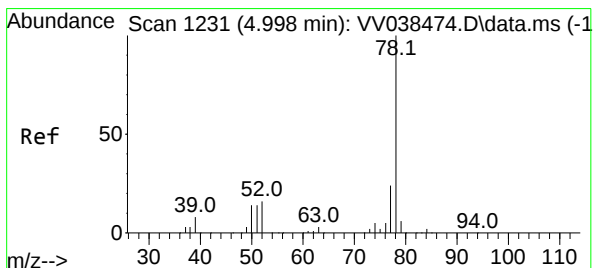
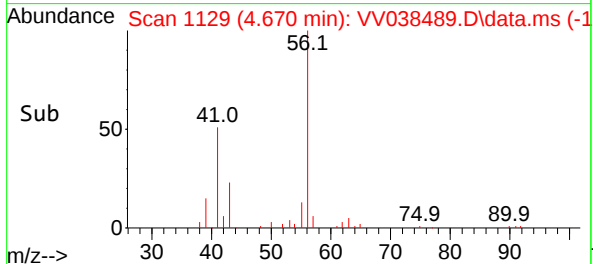
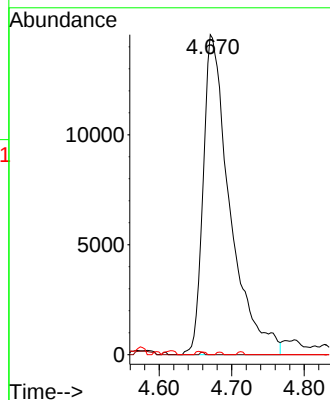
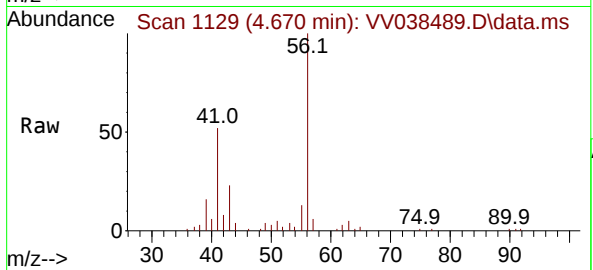
Tgt Ion: 56 Resp: 37251

Ion Ratio Lower Upper

56 100

69 0.1 24.7 37.1#

84 0.0 68.2 102.2#



#33

Benzene

Concen: 0.855 ug/L

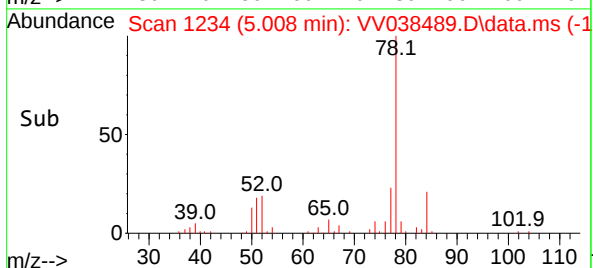
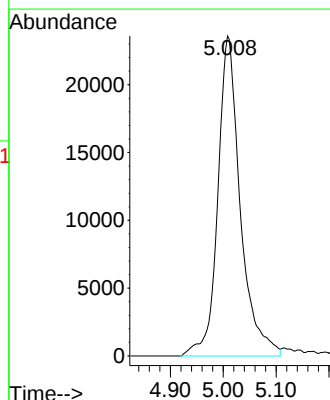
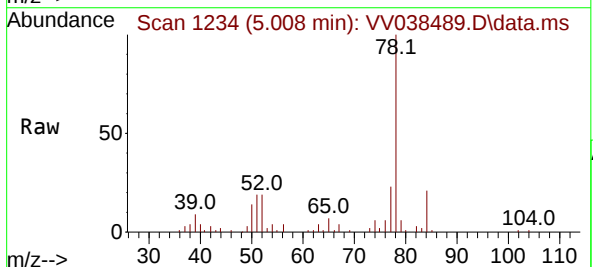
RT: 5.008 min Scan# 1234

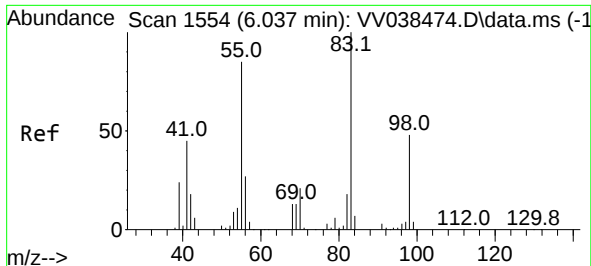
Delta R.T. 0.009 min

Lab File: VV038489.D

Acq: 21 Jan 2025 17:26

Tgt Ion: 78 Resp: 69698

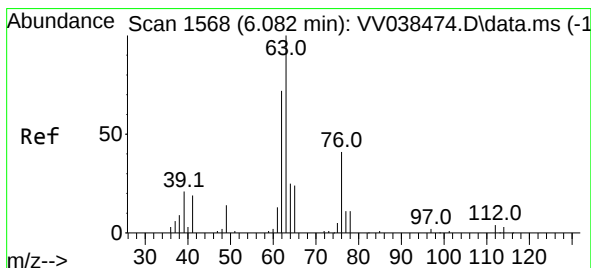
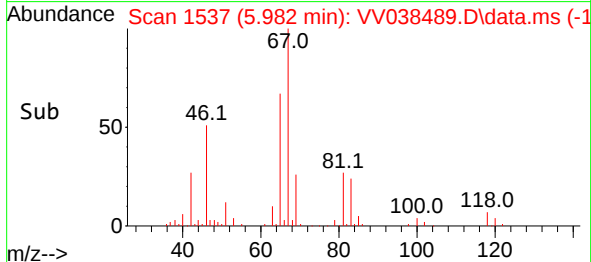
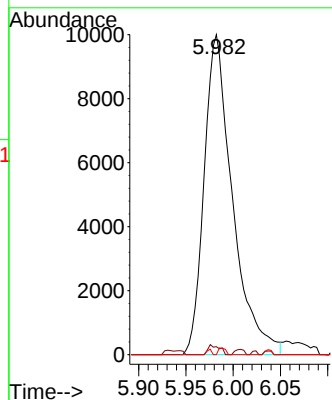
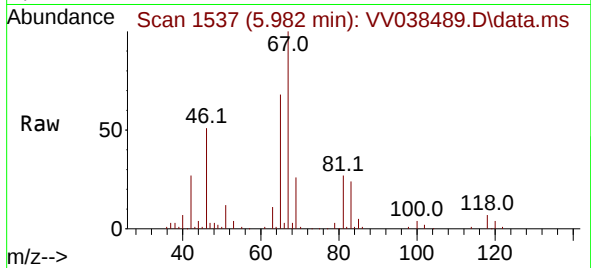




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.055 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

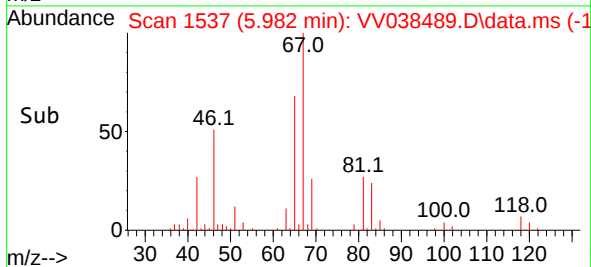
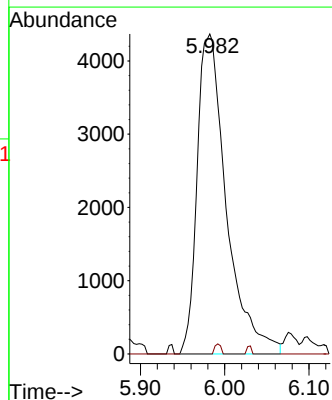
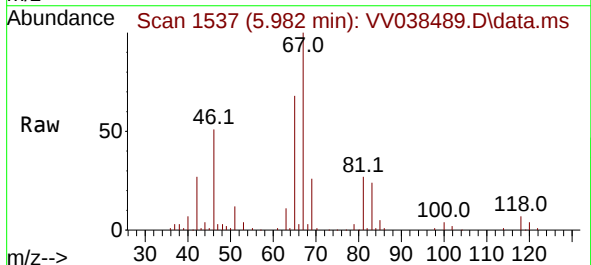
Instrument :
MSVOA_V
ClientSampleId :

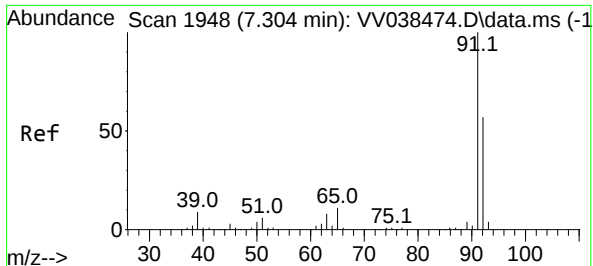
Tgt Ion: 83 Resp: 20875
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.0#
98 0.5 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.100 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Tgt Ion: 63 Resp: 10549
Ion Ratio Lower Upper
63 100
112 0.7 4.1 6.1#





#42

Toluene

Concen: 0.202 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.019 min

Lab File: VV038489.D

Acq: 21 Jan 2025 17:26

Instrument :

MSVOA_V

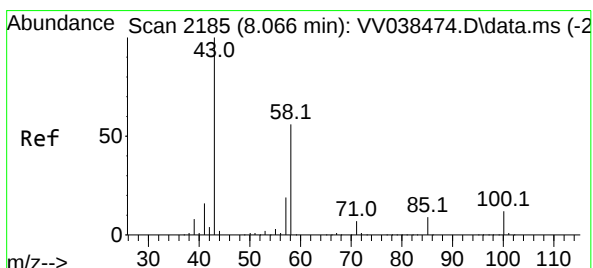
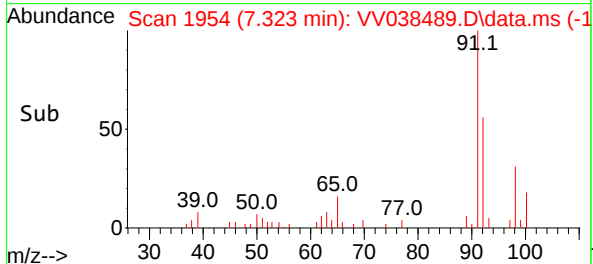
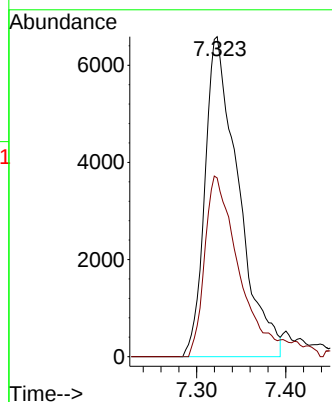
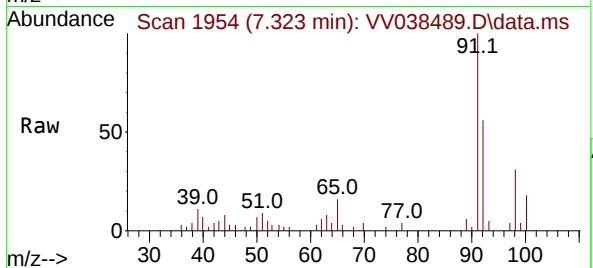
ClientSampleId :

Tgt Ion: 91 Resp: 17142

Ion Ratio Lower Upper

91 100

92 55.9 40.6 75.4



#48

2-Hexanone

Concen: 3.503 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.022 min

Lab File: VV038489.D

Acq: 21 Jan 2025 17:26

Tgt Ion: 43 Resp: 27634

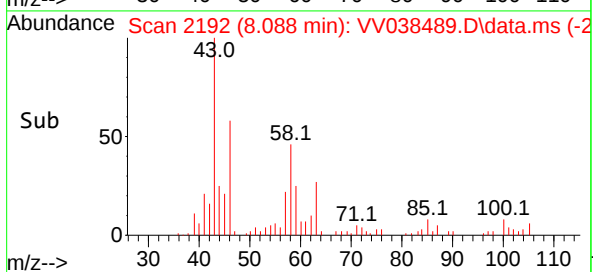
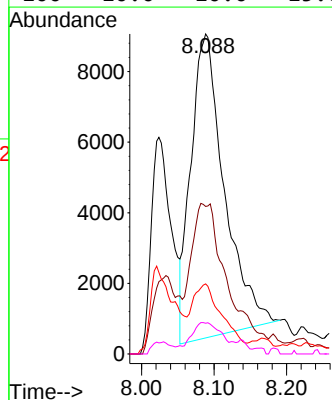
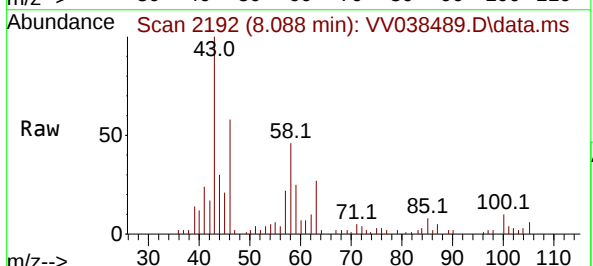
Ion Ratio Lower Upper

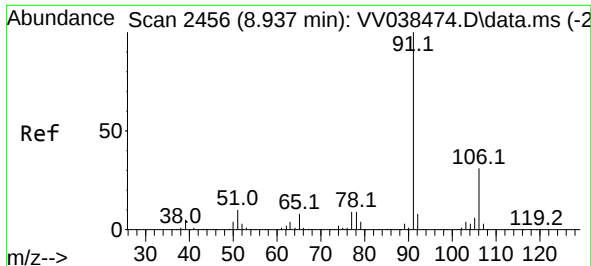
43 100

58 52.3 43.6 65.4

57 18.9 15.0 22.4

100 10.0 10.0 15.0#

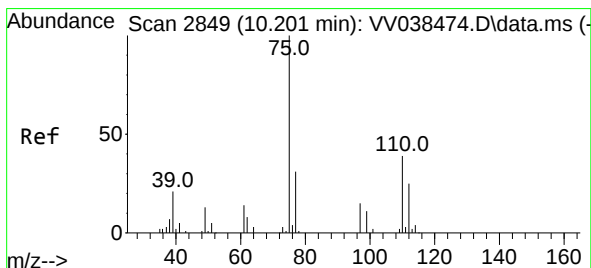
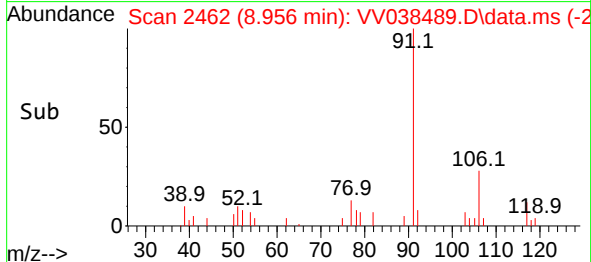
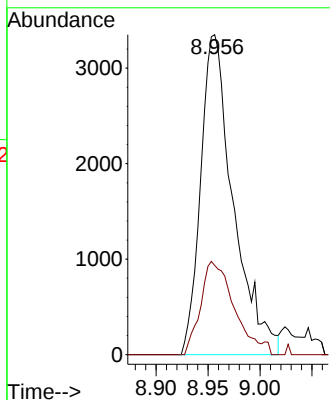
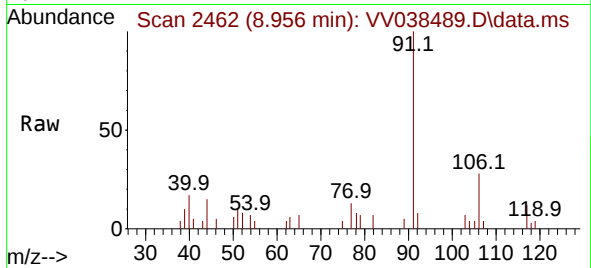




#52
Ethylbenzene
Concen: 0.080 ug/L
RT: 8.956 min Scan# 24
Delta R.T. 0.019 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 7310
Ion Ratio Lower Upper
91 100
106 27.9 22.0 40.8



#61
1,2,3-Trichloropropane
Concen: 1.413 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.977 min
Lab File: VV038489.D
Acq: 21 Jan 2025 17:26

Tgt Ion: 75 Resp: 14004
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0
110 2.7 32.6 48.8#

