

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012225\
 Data File : VW038503.D
 Acq On : 22 Jan 2025 16:41
 Operator : SY/MD
 Sample : Q1137-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 23 01:41:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

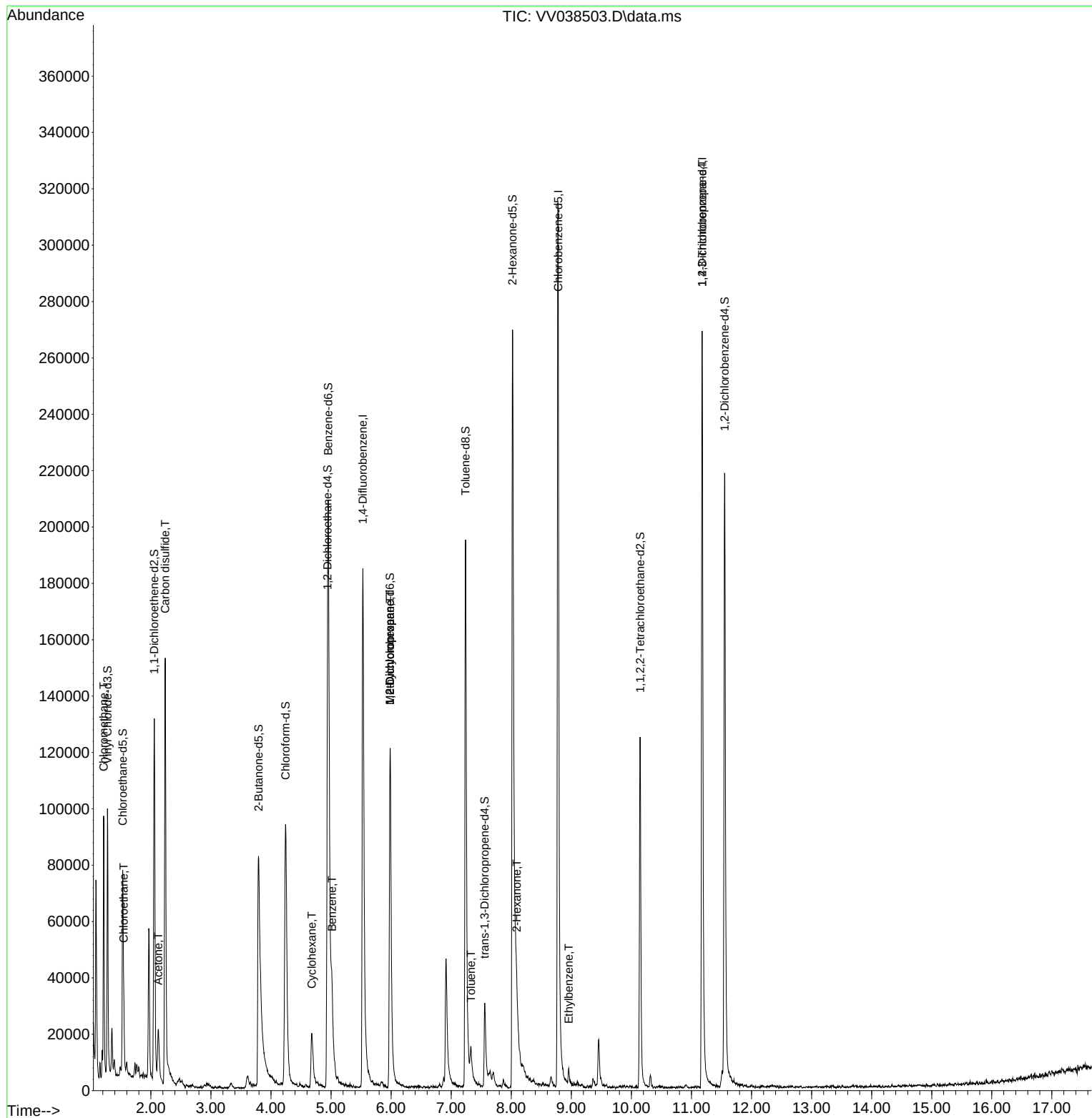
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	172788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	185207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	76634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47700	3.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.532	69	44736	3.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.056	65	22422	3.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.793	46	162257	54.141	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.280%
24) Chloroform-d	4.243	84	105169	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	4.940	65	56965	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.953	84	187788	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	5.982	67	64839	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.239	98	144265	3.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.558	79	21684	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.021	63	105586	47.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	65043	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	60121	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	59045	2.981	ug/L	99
8) Chloroethane	1.548	64	12485	1.041	ug/L	94
13) Acetone	2.124	43	23373	10.023	ug/L	98
14) Carbon disulfide	2.240	76	176168	3.660	ug/L	99
30) Cyclohexane	4.677	56	18288	0.815	ug/L #	18
33) Benzene	5.014	78	40843	0.694	ug/L	100
35) Methylcyclohexane	5.982	83	14298	0.614	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	7259	0.478	ug/L #	86
42) Toluene	7.329	91	10911	0.178	ug/L	97
48) 2-Hexanone	8.091	43	24972	4.389	ug/L #	87
52) Ethylbenzene	8.956	91	4509	0.068	ug/L	97
61) 1,2,3-Trichloropropane	11.178	75	9589	1.302	ug/L #	66

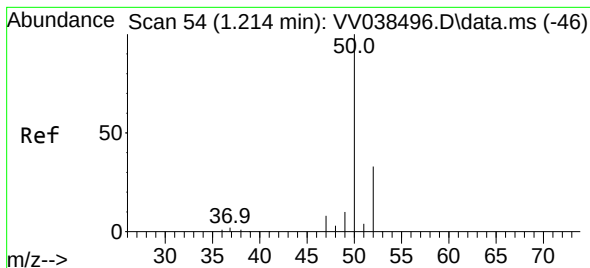
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 23 01:38:03 2025
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.981 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV038503.D

Acq: 22 Jan 2025 16:41

Instrument :

MSVOA_V

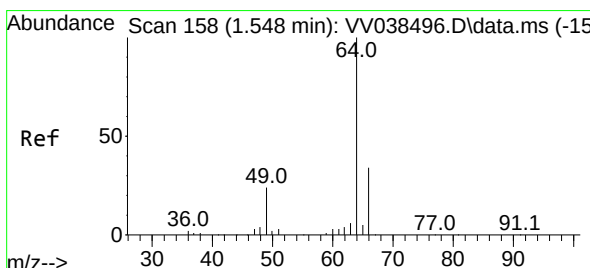
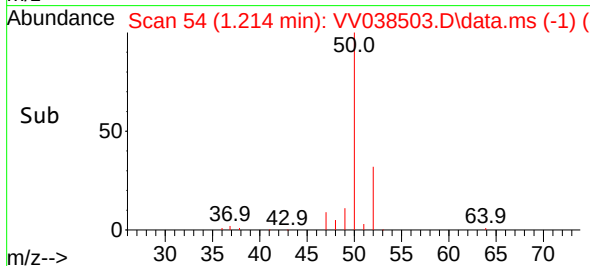
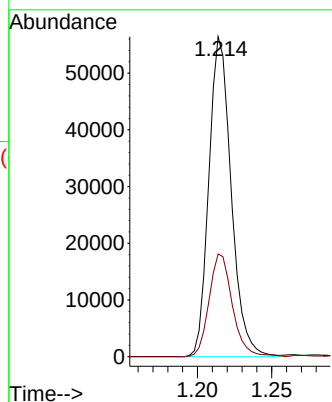
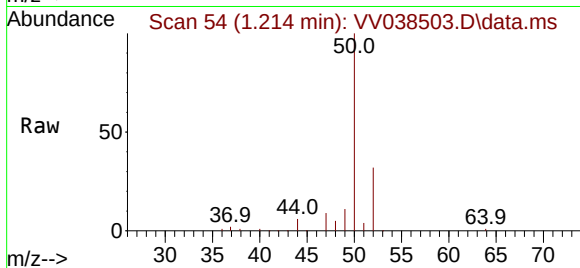
ClientSampleId :

Tgt Ion: 50 Resp: 59045

Ion Ratio Lower Upper

50 100

52 32.1 23.0 42.6



#8

Chloroethane

Concen: 1.041 ug/L

RT: 1.548 min Scan# 158

Delta R.T. -0.000 min

Lab File: VV038503.D

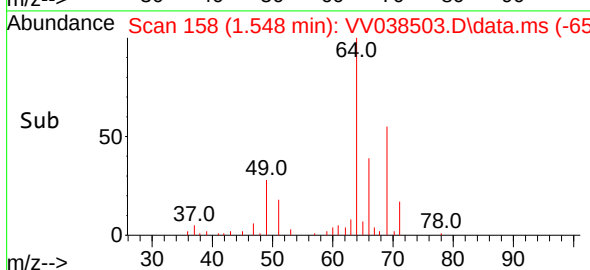
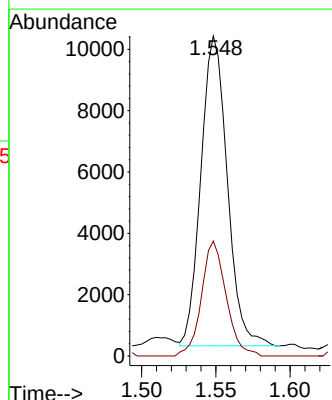
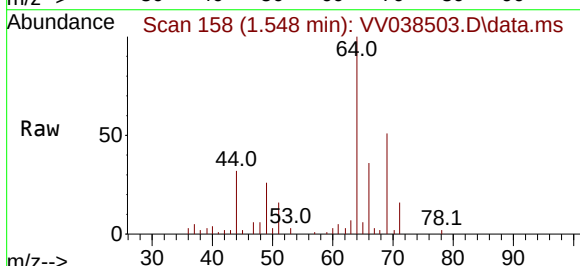
Acq: 22 Jan 2025 16:41

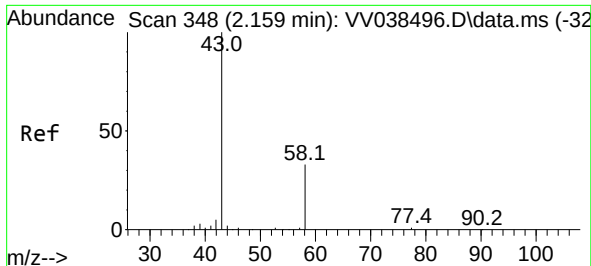
Tgt Ion: 64 Resp: 12485

Ion Ratio Lower Upper

64 100

66 35.9 22.7 42.1





#13

Acetone

Concen: 10.023 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV038503.D

Acq: 22 Jan 2025 16:41

Instrument :

MSVOA_V

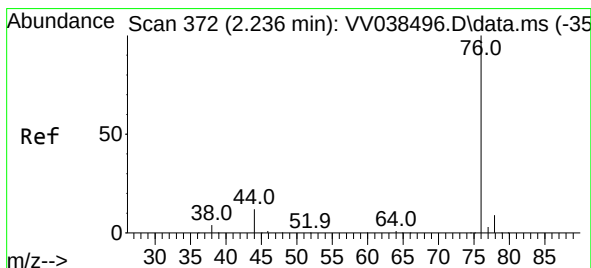
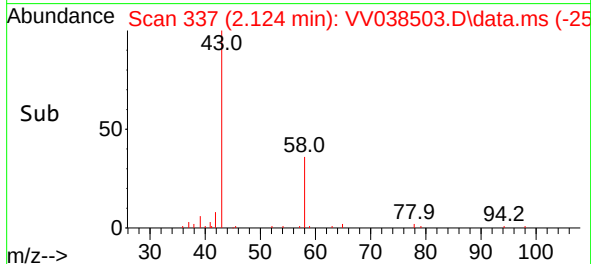
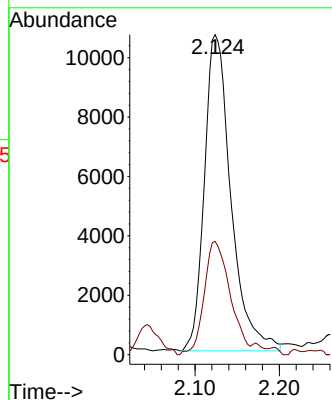
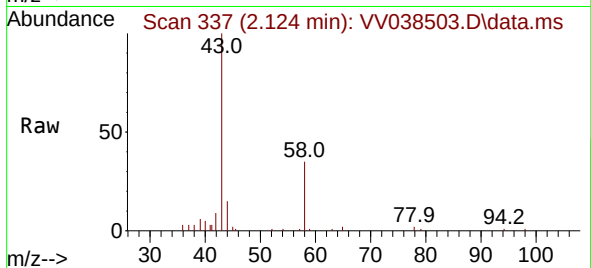
ClientSampleId :

Tgt Ion: 43 Resp: 23373

Ion Ratio Lower Upper

43 100

58 34.9 0.0 67.2



#14

Carbon disulfide

Concen: 3.660 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV038503.D

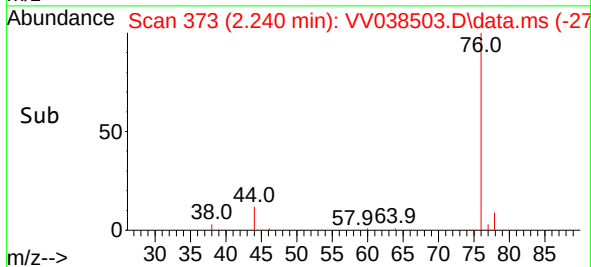
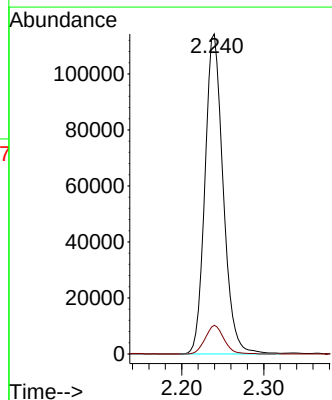
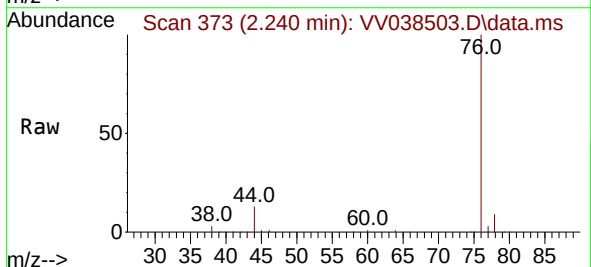
Acq: 22 Jan 2025 16:41

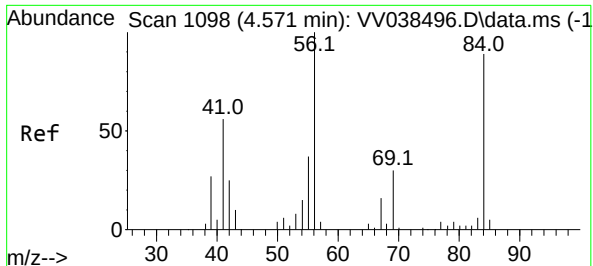
Tgt Ion: 76 Resp: 176168

Ion Ratio Lower Upper

76 100

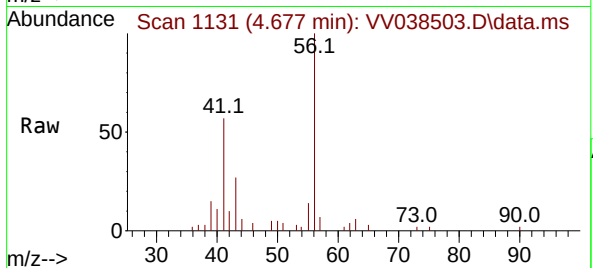
78 9.0 7.6 11.4





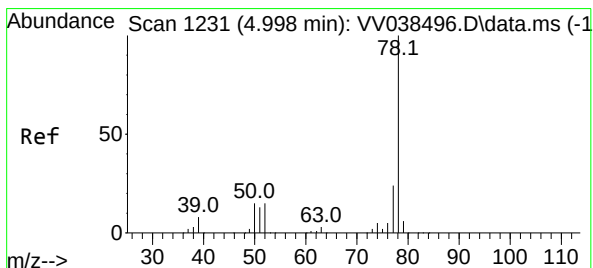
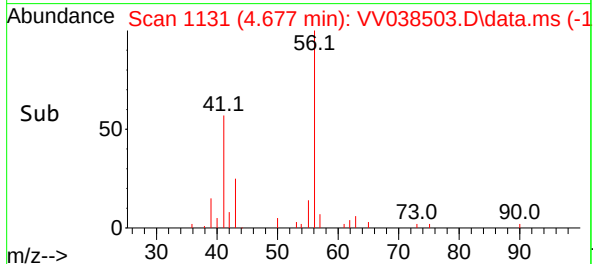
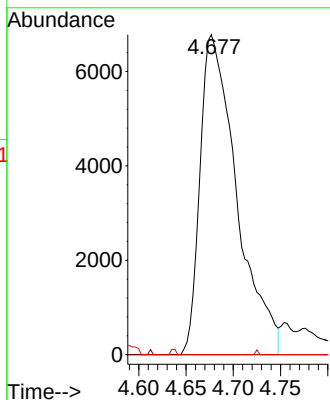
#30
Cyclohexane
Concen: 0.815 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.106 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

Instrument :
MSVOA_V
ClientSampleId :



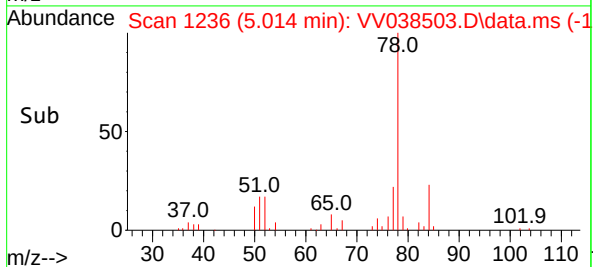
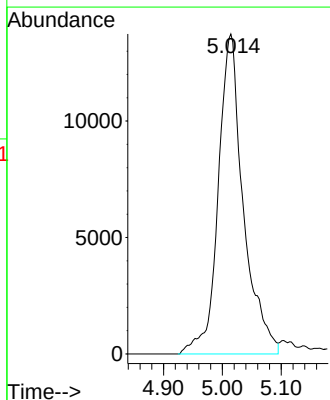
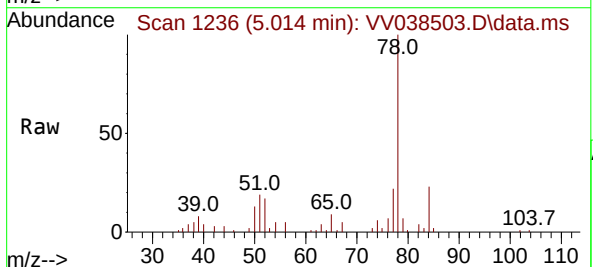
Tgt Ion: 56 Resp: 18288

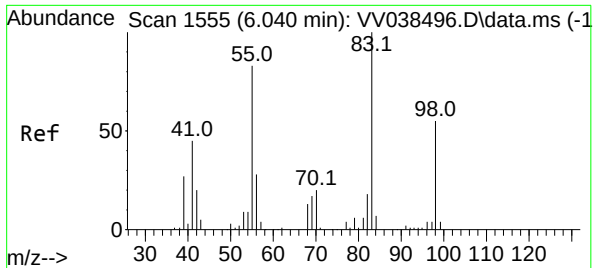
Ion	Ratio	Lower	Upper
56	100		
69	0.1	24.7	37.1#
84	2.1	68.2	102.2#



#33
Benzene
Concen: 0.694 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.016 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

Tgt Ion: 78 Resp: 40843

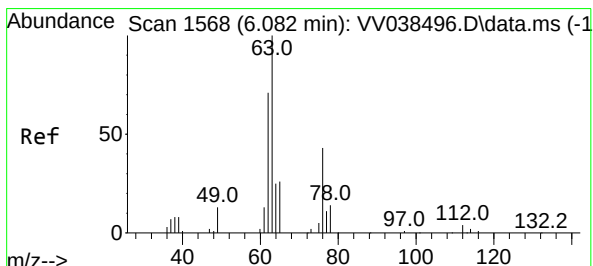
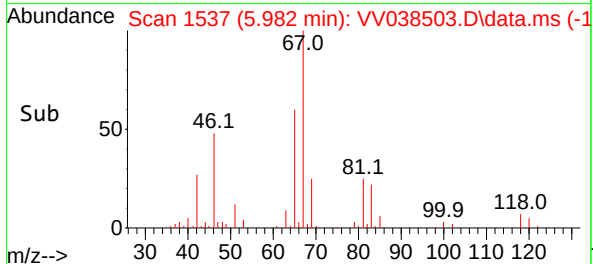
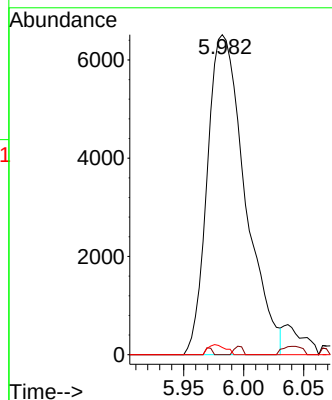
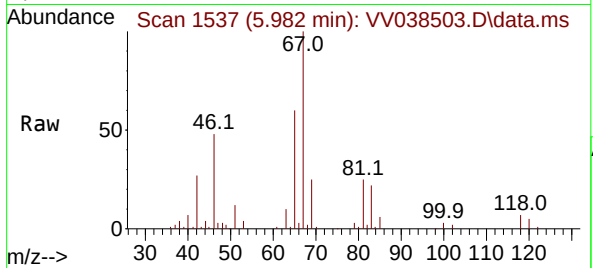




#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

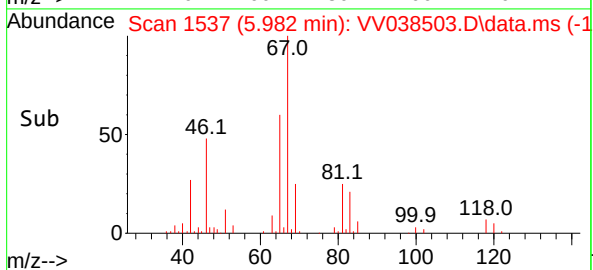
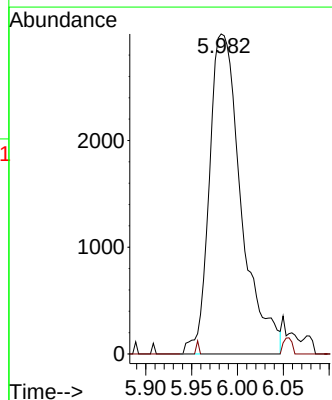
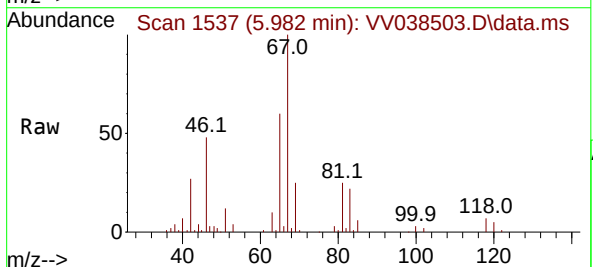
Instrument :
MSVOA_V
ClientSampleId :

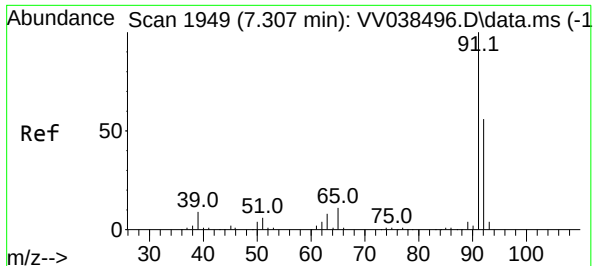
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.4	89.0#
98	1.4	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 0.478 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.100 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.1	6.1#





#42

Toluene

Concen: 0.178 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.022 min

Lab File: VV038503.D

Acq: 22 Jan 2025 16:41

Instrument :

MSVOA_V

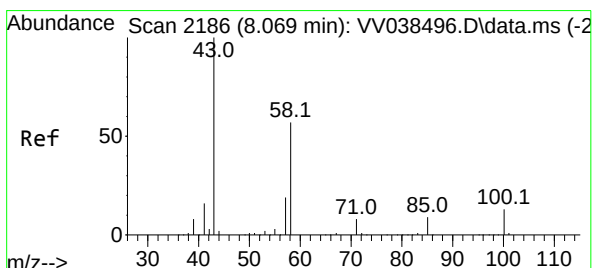
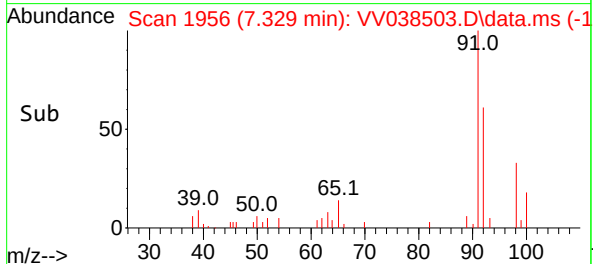
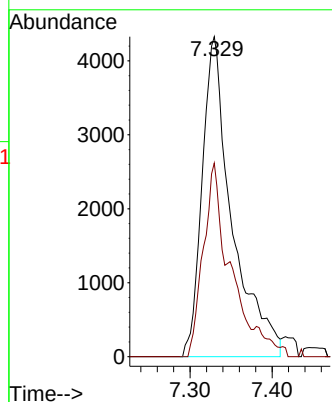
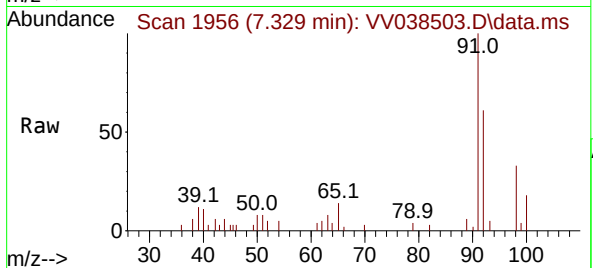
ClientSampleId :

Tgt Ion: 91 Resp: 10911

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4



#48

2-Hexanone

Concen: 4.389 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.023 min

Lab File: VV038503.D

Acq: 22 Jan 2025 16:41

Tgt Ion: 43 Resp: 24972

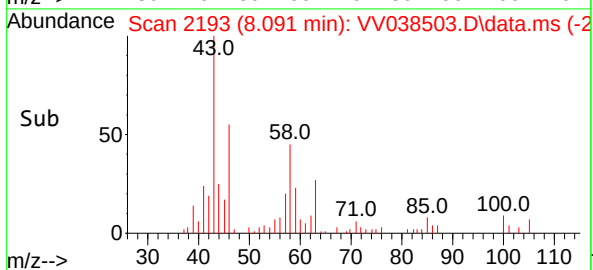
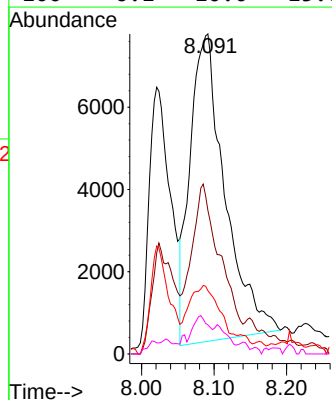
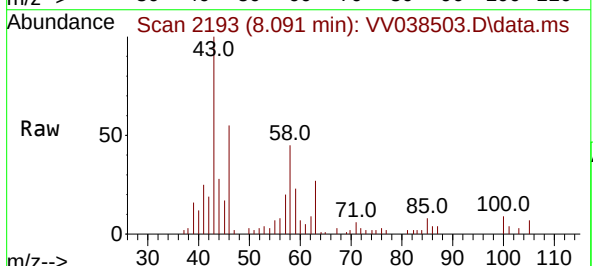
Ion Ratio Lower Upper

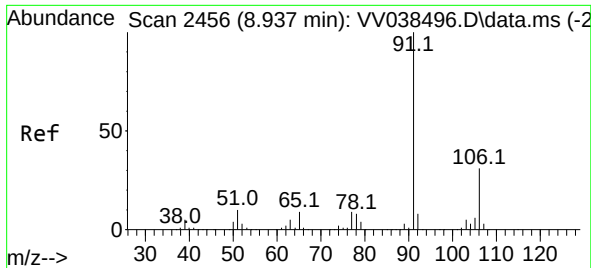
43 100

58 43.8 43.6 65.4

57 15.3 15.0 22.4

100 6.1 10.0 15.0#

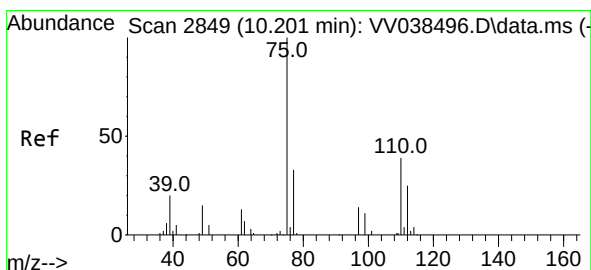
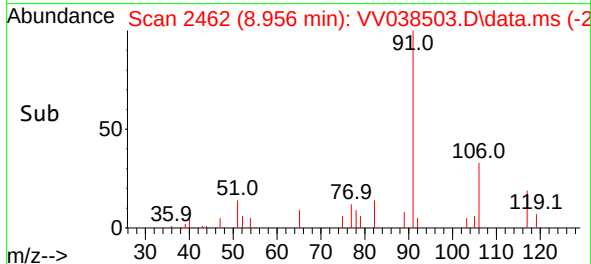
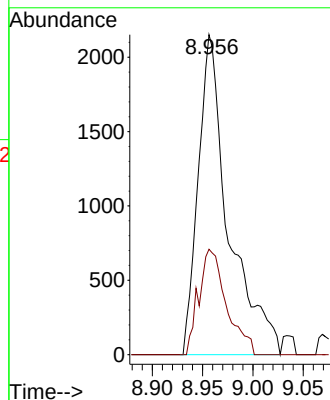
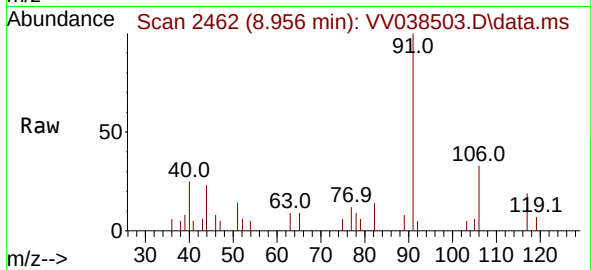




#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 8.956 min Scan# 2456
Delta R.T. 0.019 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 4509
Ion Ratio Lower Upper
91 100
106 32.9 22.0 40.8



#61
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.977 min
Lab File: VV038503.D
Acq: 22 Jan 2025 16:41

Tgt Ion: 75 Resp: 9589
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 3.2 32.6 48.8#

