

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033301.D
 Acq On : 14 Dec 2023 01:32
 Operator : SY/MD
 Sample : 05770-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y73

Quant Time: Dec 14 04:35:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

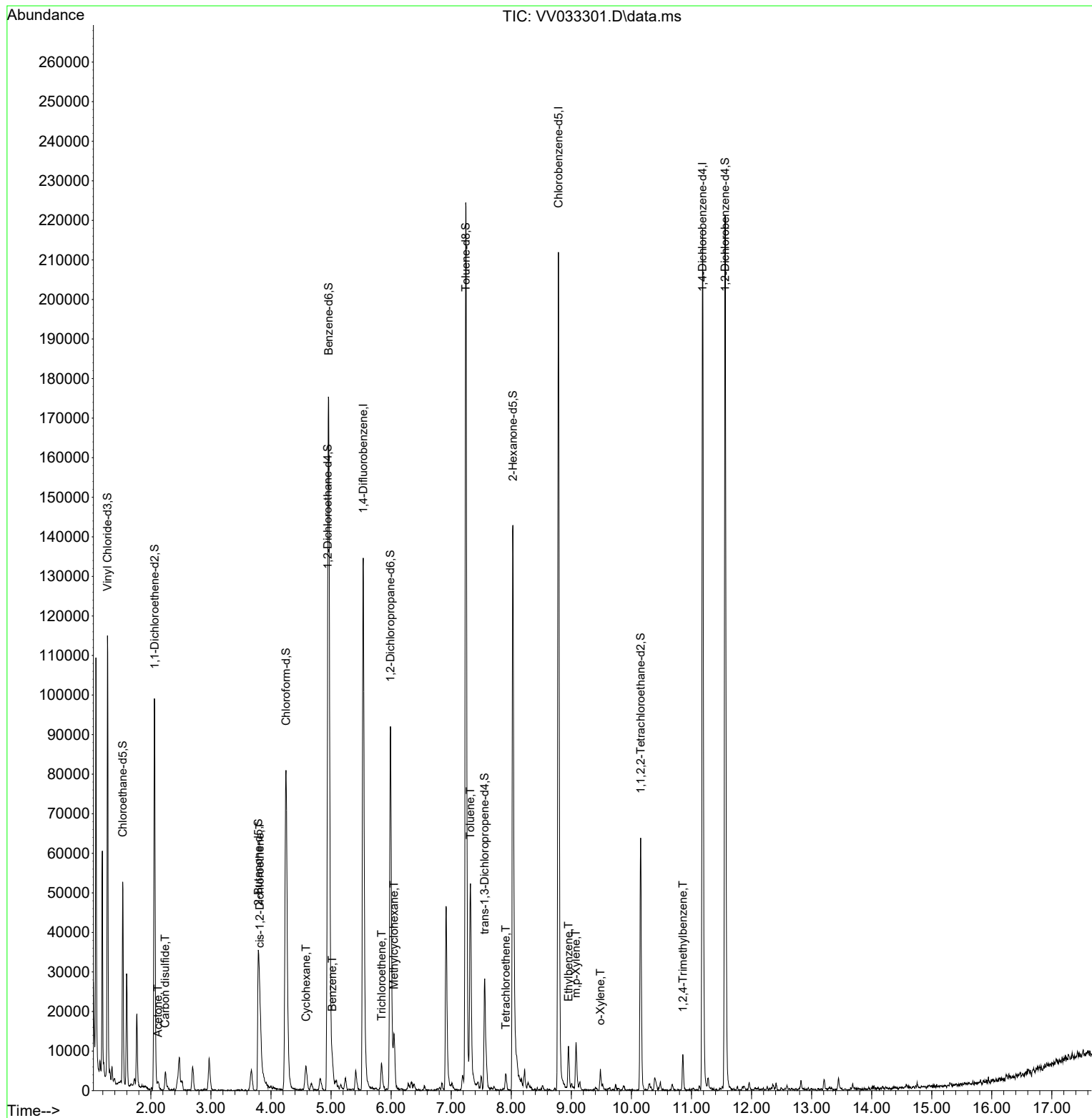
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131268	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	126155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40488	4.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.532	69	31027	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.063	65	15176	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.789	46	51690	51.906	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.820%
24) Chloroform-d	4.249	84	90289	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.944	65	41122	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	4.960	84	173580	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	5.989	67	40611	5.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.243	98	159985	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.558	79	17365	5.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.027	63	53584	56.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28475	5.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	63172	5.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	2574	3.652	ug/L	81
14) Carbon disulfide	2.240	76	5041	0.206	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	4088	0.435	ug/L	89
30) Cyclohexane	4.584	56	2692	0.241	ug/L	97
33) Benzene	5.021	78	5609	0.166	ug/L	100
34) Trichloroethene	5.844	95	1966	0.199	ug/L	90
35) Methylcyclohexane	6.047	83	5562	0.381	ug/L	94
42) Toluene	7.320	91	41536	1.073	ug/L	98
47) Tetrachloroethene	7.908	164	920	0.099	ug/L	85
52) Ethylbenzene	8.953	91	8884	0.205	ug/L	95
53) m,p-Xylene	9.079	106	4086	0.229	ug/L	87
54) o-Xylene	9.484	106	1813	0.107	ug/L	86
63) 1,2,4-Trimethylbenzene	10.860	105	5301	0.151	ug/L	91

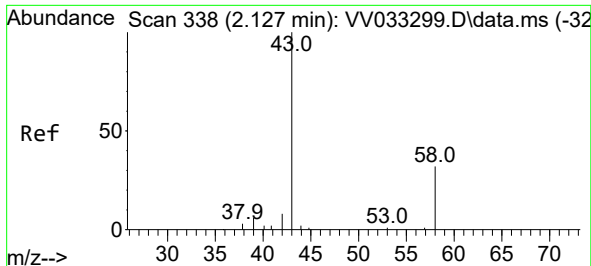
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033301.D
Acq On : 14 Dec 2023 01:32
Operator : SY/MD
Sample : 05770-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y73

Quant Time: Dec 14 04:35:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.652 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV033301.D

Acq: 14 Dec 2023 01:32

Instrument :

MSVOA_V

ClientSampleId :

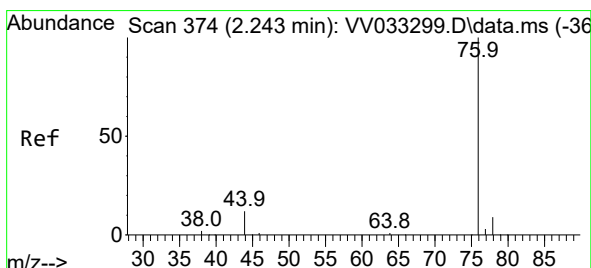
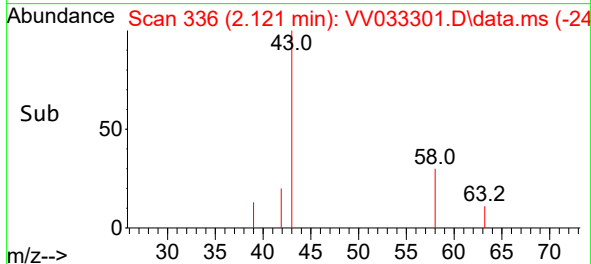
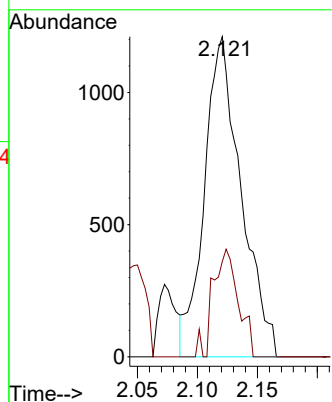
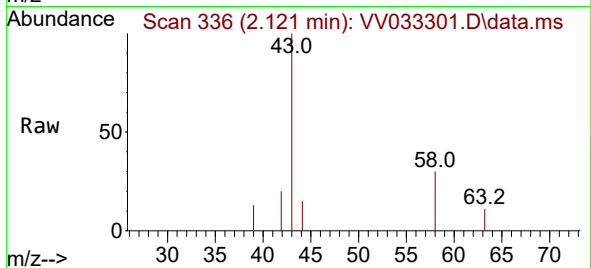
E0Y73

Tgt Ion: 43 Resp: 2574

Ion Ratio Lower Upper

43 100

58 23.0 0.0 30.2



#14

Carbon disulfide

Concen: 0.206 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033301.D

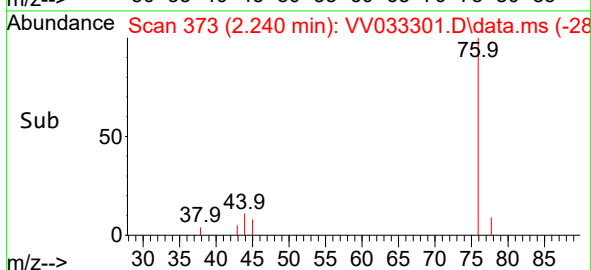
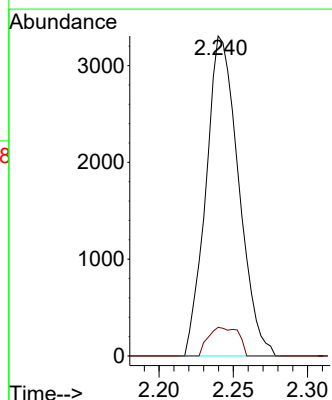
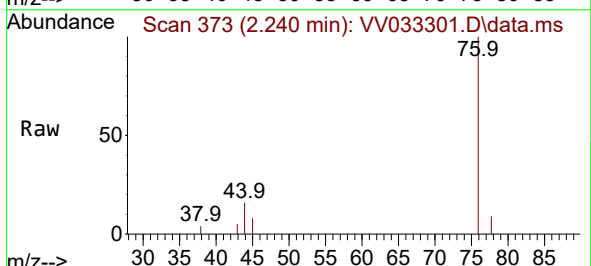
Acq: 14 Dec 2023 01:32

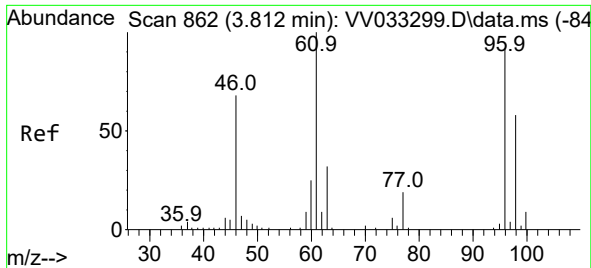
Tgt Ion: 76 Resp: 5041

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 0.435 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033301.D

Acq: 14 Dec 2023 01:32

Instrument :

MSVOA_V

ClientSampleId :

E0Y73

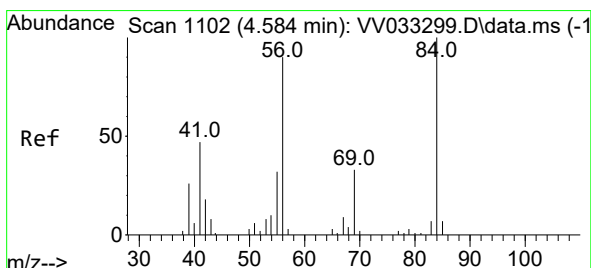
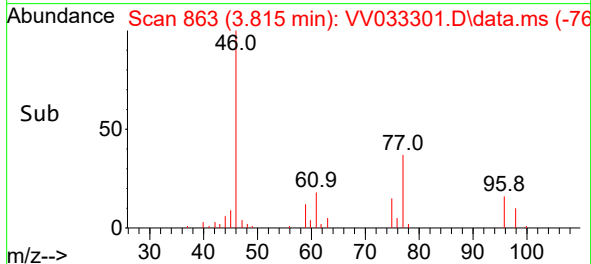
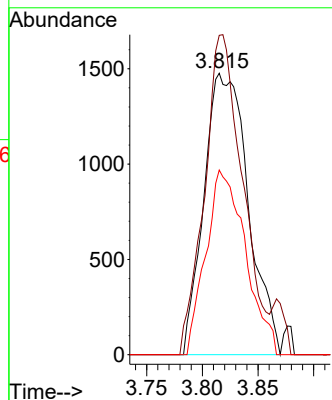
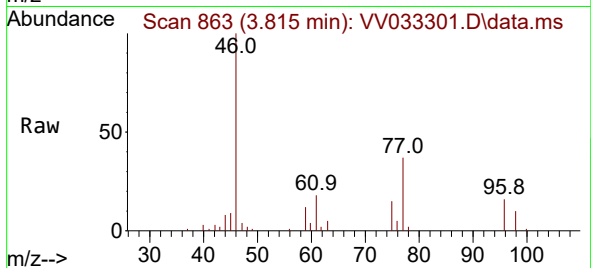
Tgt Ion: 96 Resp: 4088

Ion Ratio Lower Upper

96 100

61 113.5 69.9 129.9

98 65.6 42.4 78.8



#30

Cyclohexane

Concen: 0.241 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV033301.D

Acq: 14 Dec 2023 01:32

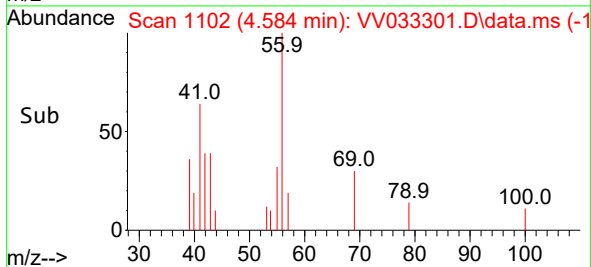
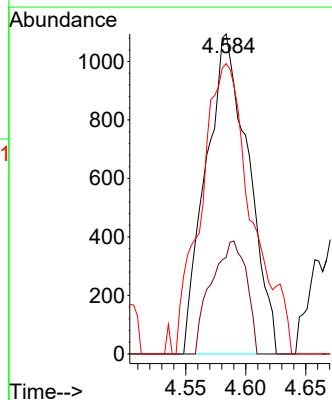
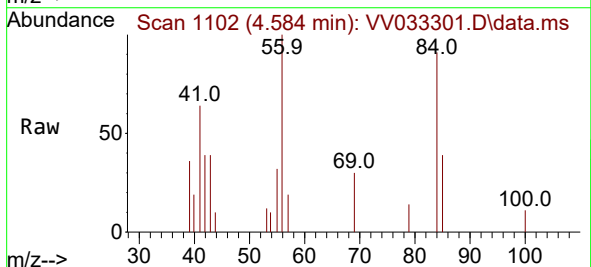
Tgt Ion: 56 Resp: 2692

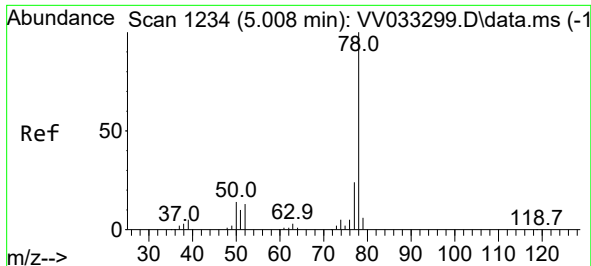
Ion Ratio Lower Upper

56 100

69 29.0 28.8 43.2

84 108.0 86.2 129.4

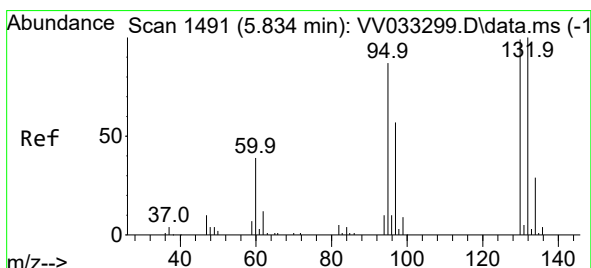
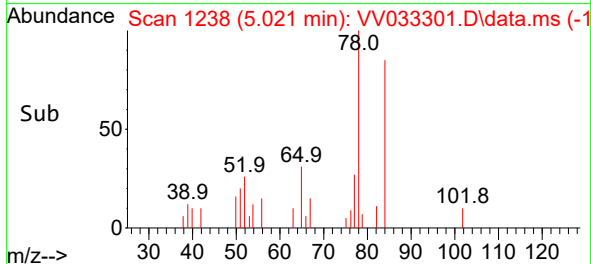
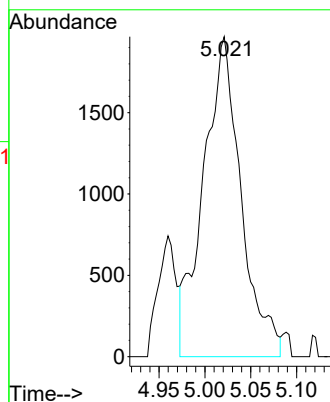
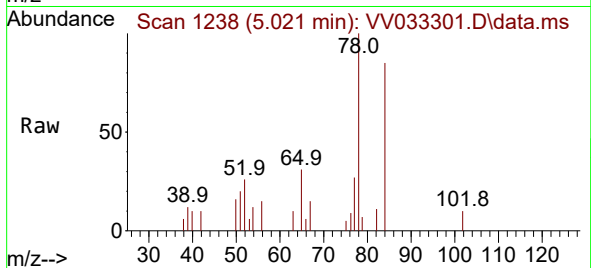




#33
Benzene
Concen: 0.166 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV033301.D
Acq: 14 Dec 2023 01:32

Instrument :
MSVOA_V
ClientSampleId :
E0Y73

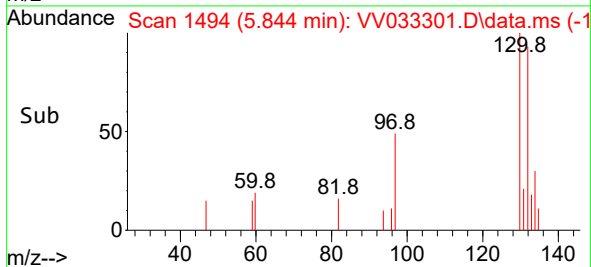
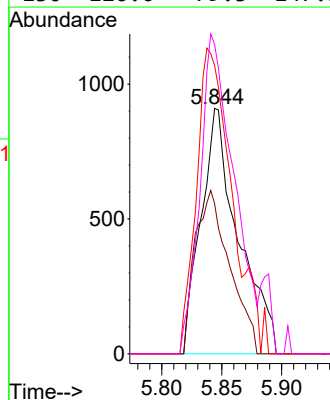
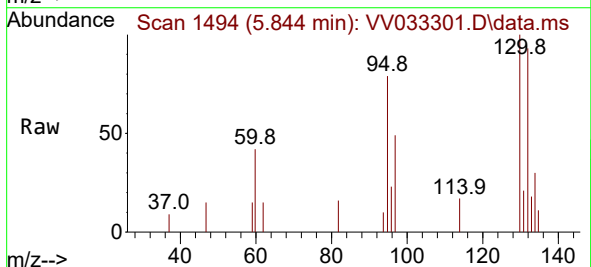
Tgt Ion: 78 Resp: 5609

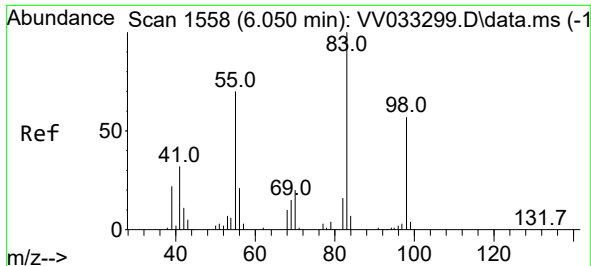


#34
Trichloroethene
Concen: 0.199 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.010 min
Lab File: VV033301.D
Acq: 14 Dec 2023 01:32

Tgt Ion: 95 Resp: 1966

Ion	Ratio	Lower	Upper
95	100		
97	61.2	46.5	86.5
132	117.5	75.1	139.5
130	126.0	79.3	147.3

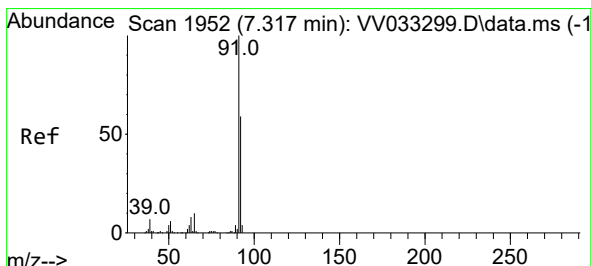
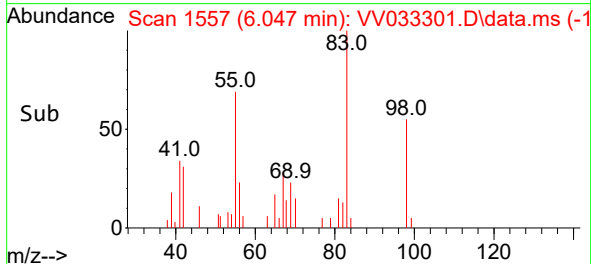
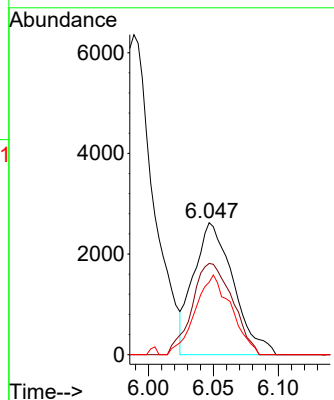
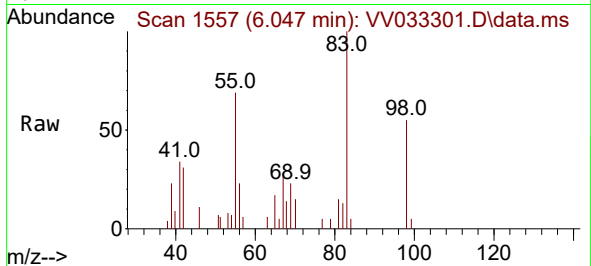




#35
Methylcyclohexane
Concen: 0.381 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033301.D
Acq: 14 Dec 2023 01:32

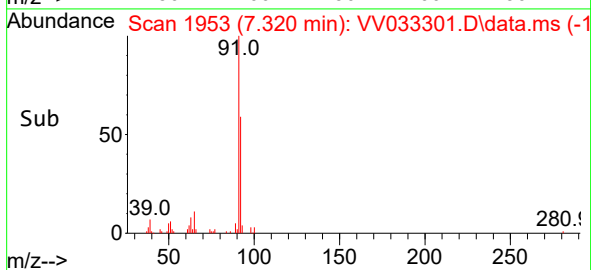
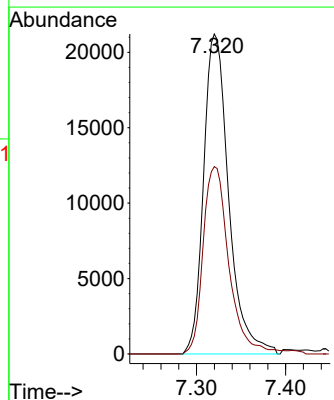
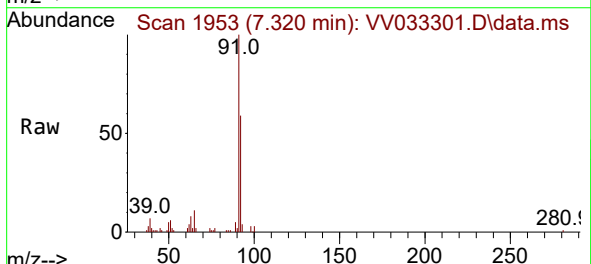
Instrument :
MSVOA_V
ClientSampleId :
E0Y73

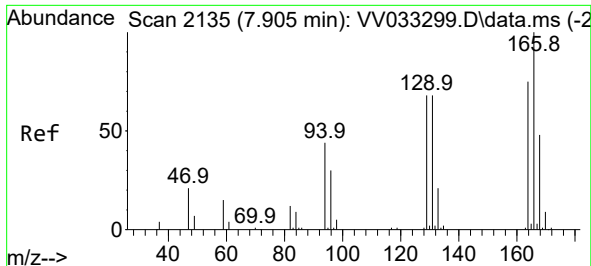
Tgt Ion: 83 Resp: 5562
Ion Ratio Lower Upper
83 100
55 70.4 50.7 76.1
98 55.1 42.4 63.6



#42
Toluene
Concen: 1.073 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VV033301.D
Acq: 14 Dec 2023 01:32

Tgt Ion: 91 Resp: 41536
Ion Ratio Lower Upper
91 100
92 58.5 40.2 74.6





#47

Tetrachloroethene

Concen: 0.099 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV033301.D

Acq: 14 Dec 2023 01:32

Instrument :

MSVOA_V

ClientSampleId :

E0Y73

Tgt Ion:164 Resp: 920

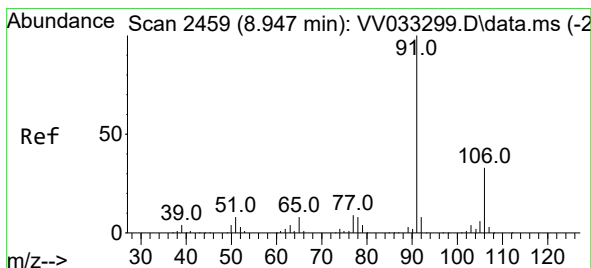
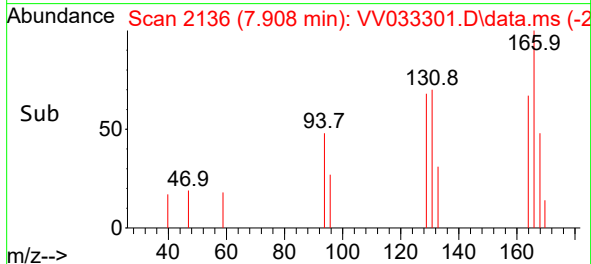
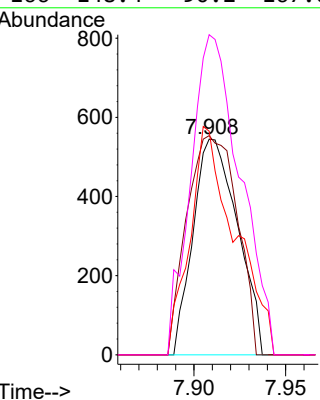
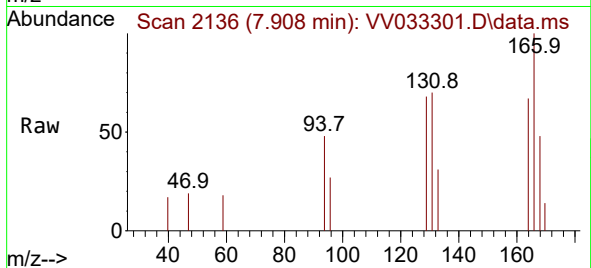
Ion Ratio Lower Upper

164 100

129 101.7 62.6 116.3

131 103.7 62.6 116.3

166 148.4 90.2 167.6



#52

Ethylbenzene

Concen: 0.205 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.007 min

Lab File: VV033301.D

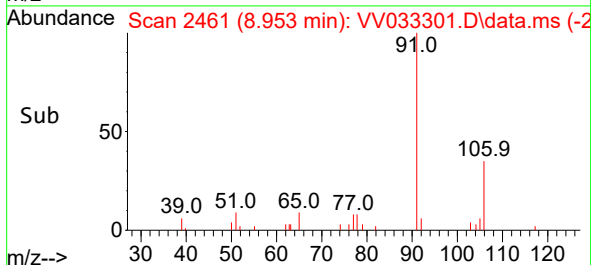
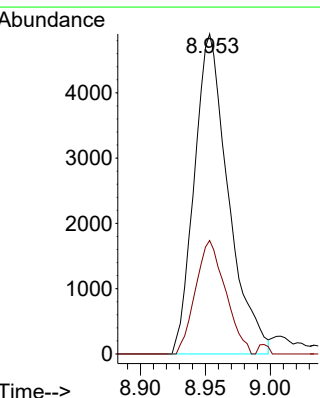
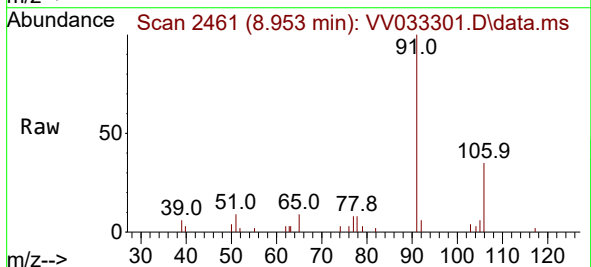
Acq: 14 Dec 2023 01:32

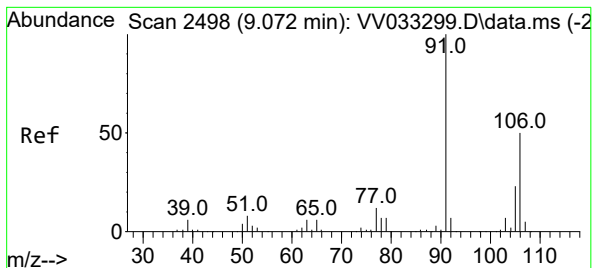
Tgt Ion: 91 Resp: 8884

Ion Ratio Lower Upper

91 100

106 35.4 22.7 42.3





#53

m,p-Xylene

Concen: 0.229 ug/L

RT: 9.079 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV033301.D

Acq: 14 Dec 2023 01:32

Instrument :

MSVOA_V

ClientSampleId :

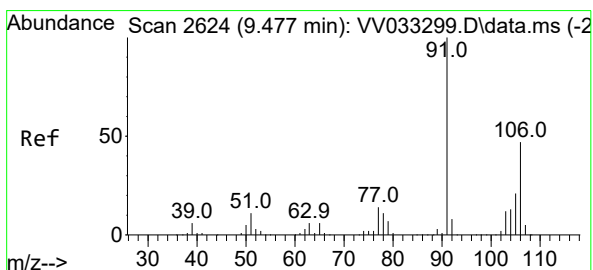
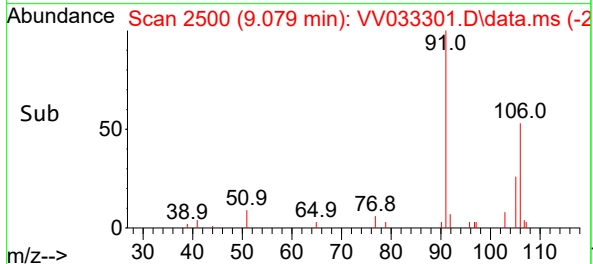
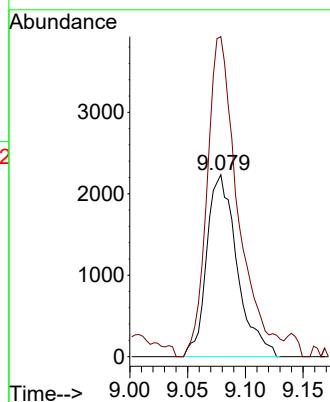
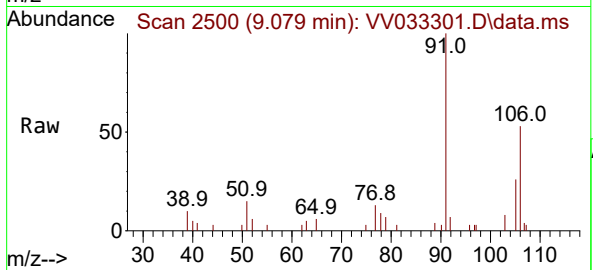
E0Y73

Tgt Ion:106 Resp: 4086

Ion Ratio Lower Upper

106 100

91 175.9 136.8 254.0



#54

o-Xylene

Concen: 0.107 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.007 min

Lab File: VV033301.D

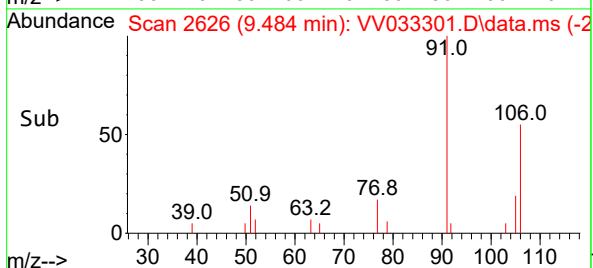
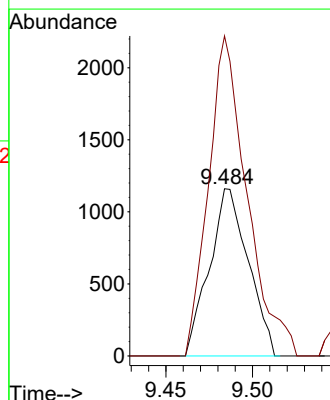
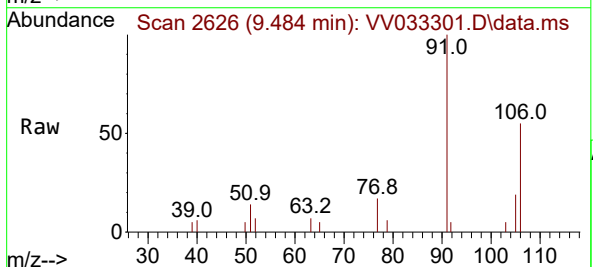
Acq: 14 Dec 2023 01:32

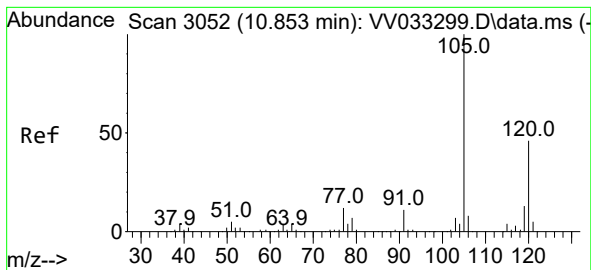
Tgt Ion:106 Resp: 1813

Ion Ratio Lower Upper

106 100

91 191.5 149.9 278.5





#63

1,2,4-Trimethylbenzene

Concen: 0.151 ug/L

RT: 10.860 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV033301.D

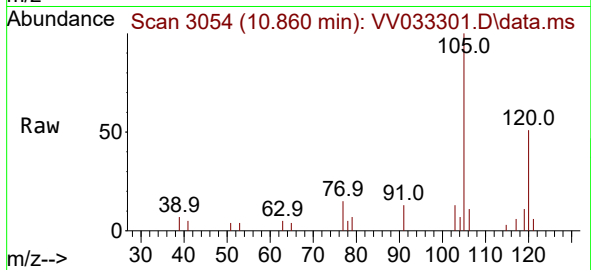
Acq: 14 Dec 2023 01:32

Instrument :

MSVOA_V

ClientSampleId :

E0Y73



Tgt Ion:105 Resp: 5301

Ion Ratio Lower Upper

105 100

120 53.8 38.1 57.1

