

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033311.D
 Acq On : 14 Dec 2023 05:31
 Operator : SY/MD
 Sample : 05770-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY83

Quant Time: Dec 14 05:56:58 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)

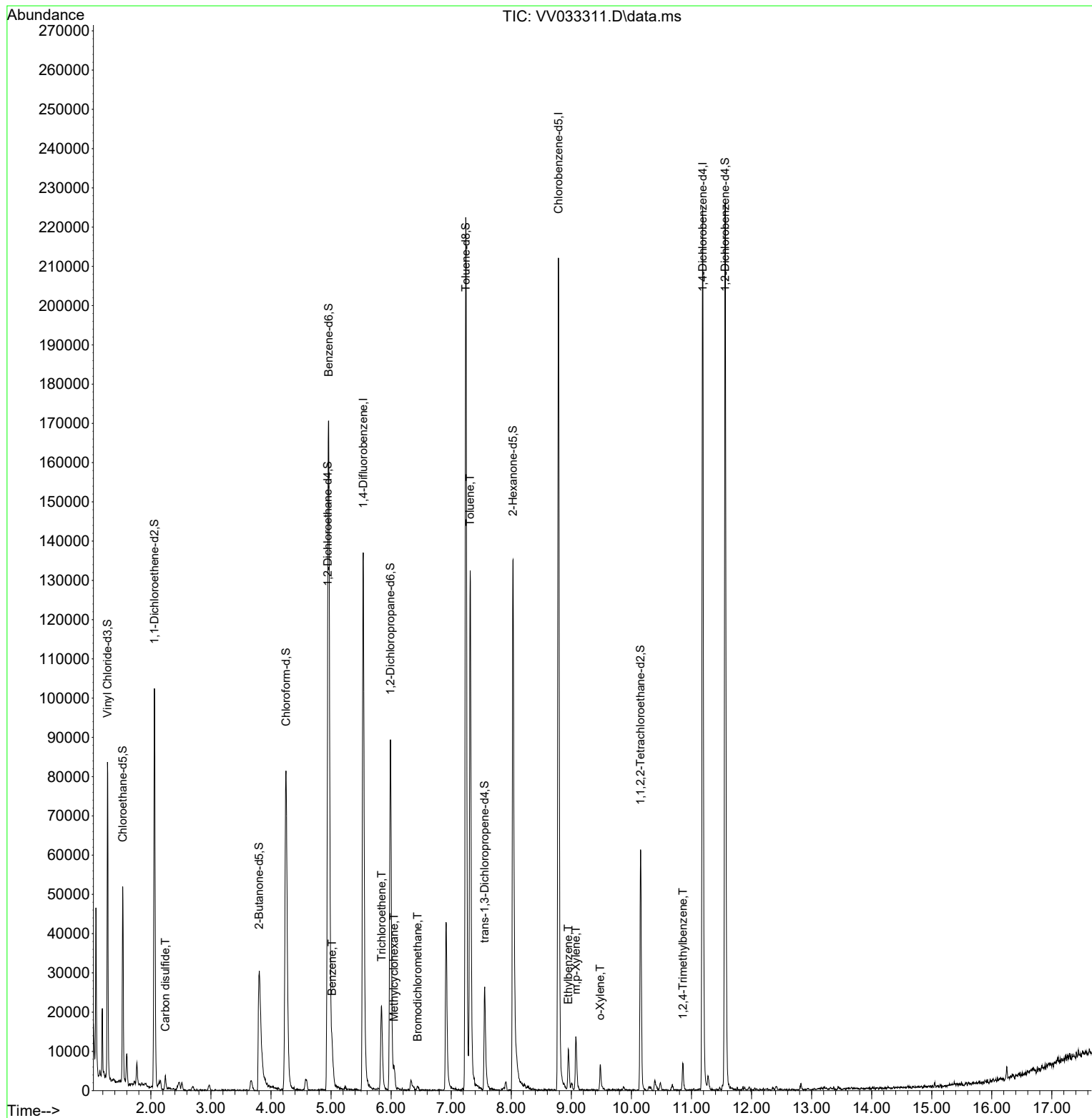
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38618	4.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.532	69	31431	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.060	65	15951	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.000%	
20) 2-Butanone-d5	3.802	46	52559	52.643	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.280%	
24) Chloroform-d	4.249	84	91193	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	4.944	65	42080	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	4.960	84	169145	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	5.989	67	40895	5.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.800%	
41) Toluene-d8	7.243	98	157254	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.558	79	16678	4.731	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.027	63	52941	53.790	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.580%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27130	5.191	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	64042	5.498	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.243	76	3894	0.159	ug/L #	91
33) Benzene	5.018	78	9929	0.282	ug/L	100
34) Trichloroethene	5.841	95	7440	0.726	ug/L	94
35) Methylcyclohexane	6.050	83	2086	0.137	ug/L	92
38) Bromodichloromethane	6.442	83	974	0.086	ug/L #	78
42) Toluene	7.317	91	101202	2.512	ug/L	99
52) Ethylbenzene	8.950	91	8085	0.179	ug/L	93
53) m,p-Xylene	9.079	106	4873	0.262	ug/L	93
54) o-Xylene	9.481	106	1927	0.110	ug/L	86
63) 1,2,4-Trimethylbenzene	10.860	105	4517	0.127	ug/L	97

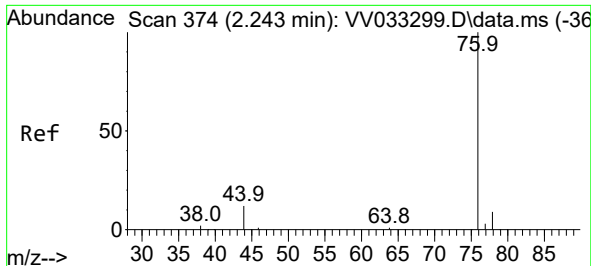
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
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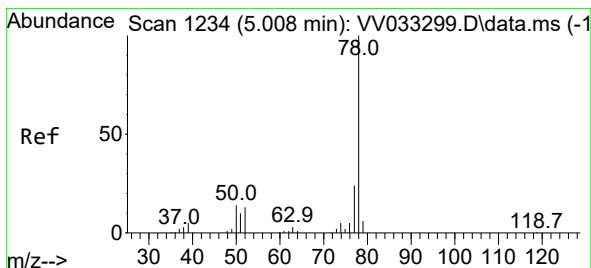
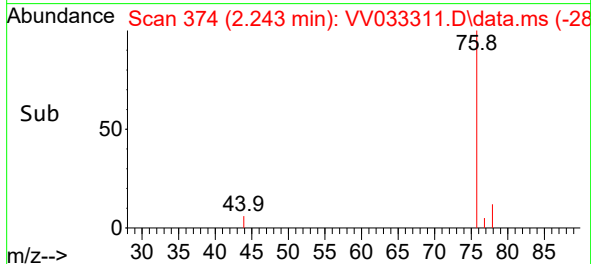
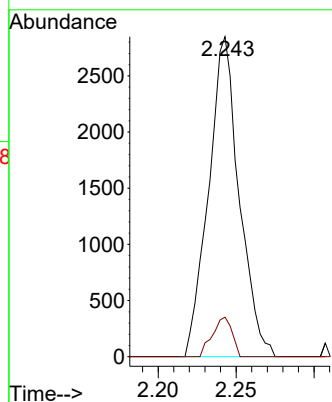
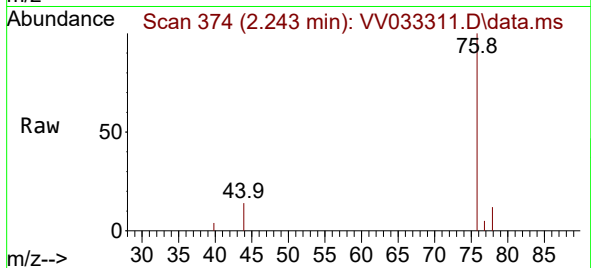




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

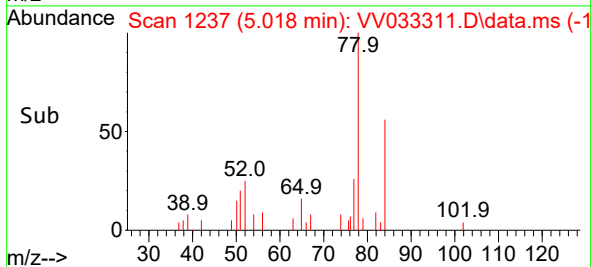
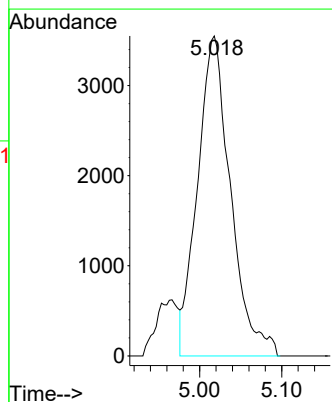
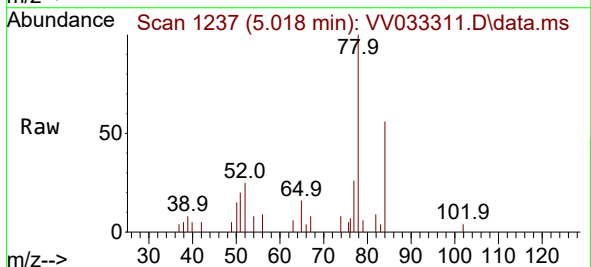
Instrument :
MSVOA_V
ClientSampleId :
E0Y83

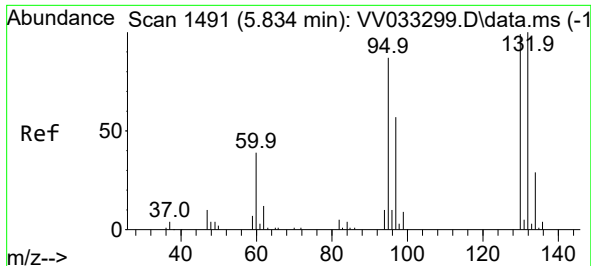
Tgt Ion: 76 Resp: 3894
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#



#33
Benzene
Concen: 0.282 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 78 Resp: 9929



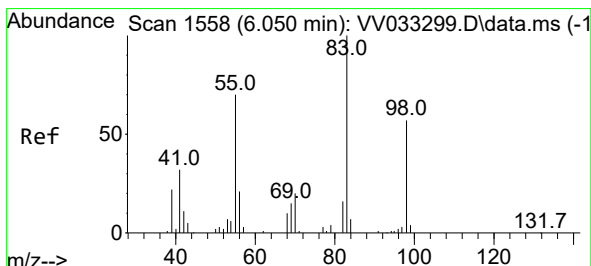
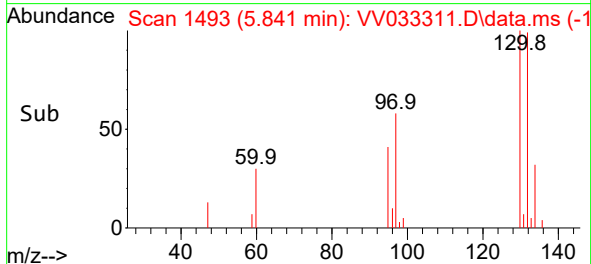
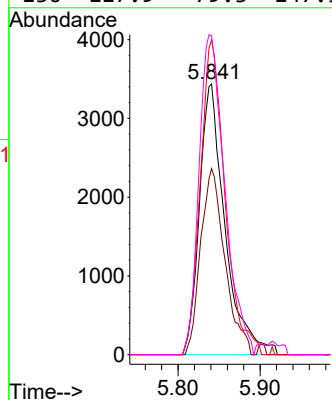
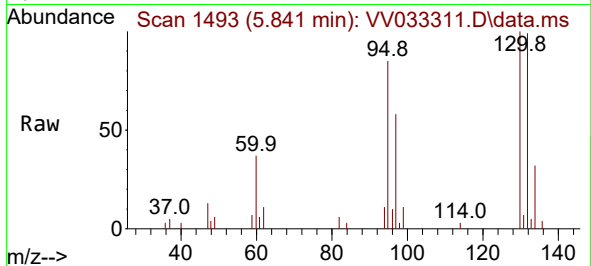


#34
Trichloroethene
Concen: 0.726 ug/L
RT: 5.841 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Instrument :
MSVOA_V
ClientSampleId :
E0Y83

Tgt Ion: 95 Resp: 7440

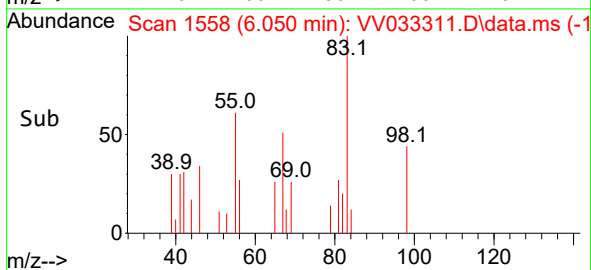
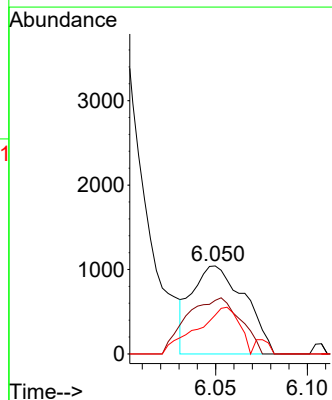
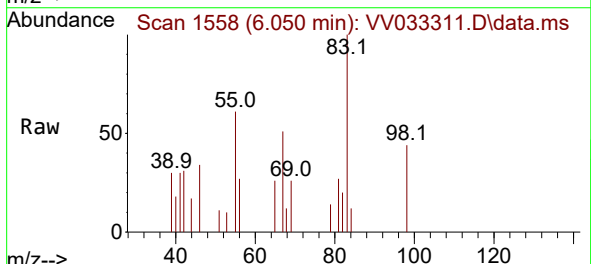
Ion	Ratio	Lower	Upper
95	100		
97	68.7	46.5	86.5
132	116.3	75.1	139.5
130	117.9	79.3	147.3

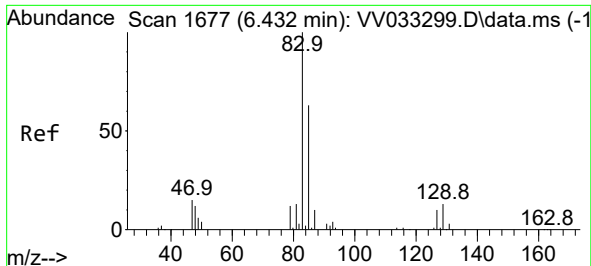


#35
Methylcyclohexane
Concen: 0.137 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 83 Resp: 2086

Ion	Ratio	Lower	Upper
83	100		
55	65.0	50.7	76.1
98	42.6	42.4	63.6

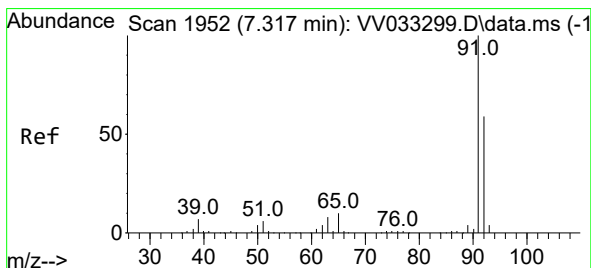
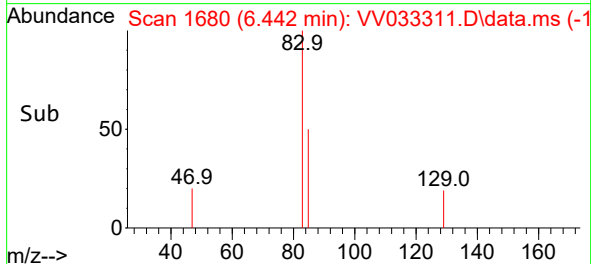
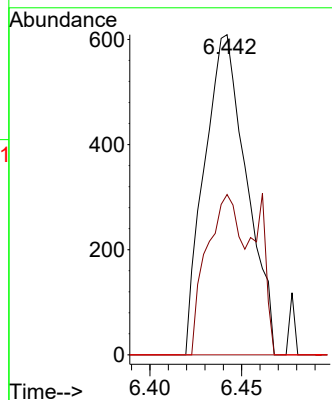
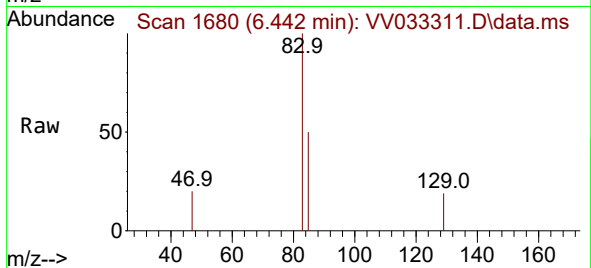




#38
Bromodichloromethane
Concen: 0.086 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.010 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

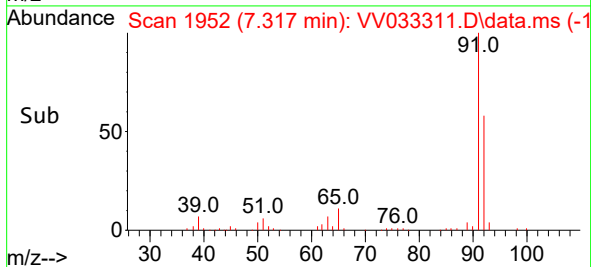
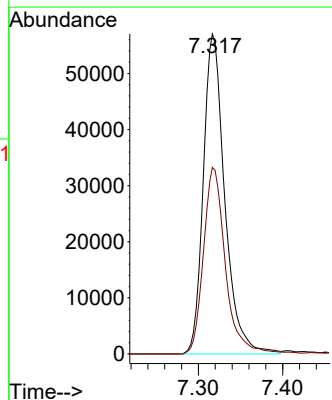
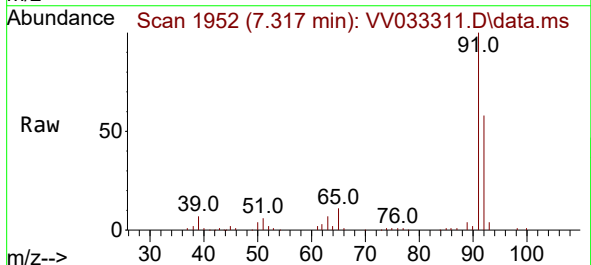
Instrument :
MSVOA_V
ClientSampleId :
E0Y83

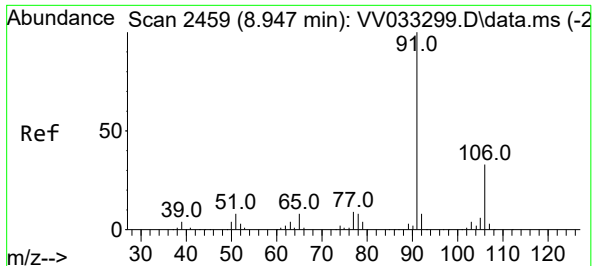
Tgt Ion: 83 Resp: 974
Ion Ratio Lower Upper
83 100
85 50.1 46.6 86.6
127 0.0 8.6 13.0#



#42
Toluene
Concen: 2.512 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV033311.D
Acq: 14 Dec 2023 05:31

Tgt Ion: 91 Resp: 101202
Ion Ratio Lower Upper
91 100
92 58.3 40.2 74.6





#52

Ethylbenzene

Concen: 0.179 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

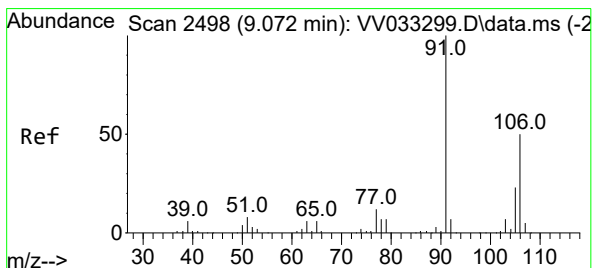
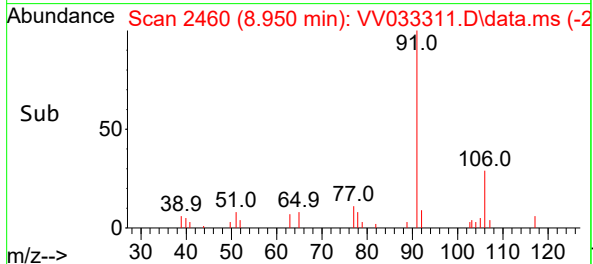
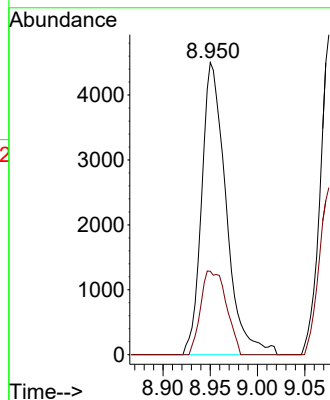
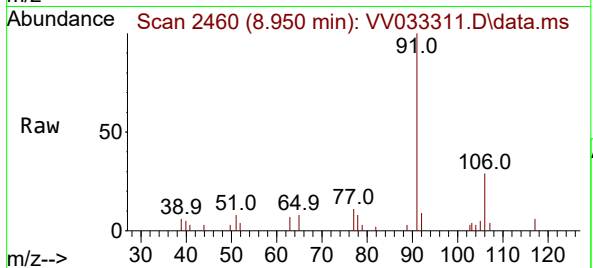
E0Y83

Tgt Ion: 91 Resp: 8085

Ion Ratio Lower Upper

91 100

106 28.5 22.7 42.3



#53

m,p-Xylene

Concen: 0.262 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.007 min

Lab File: VV033311.D

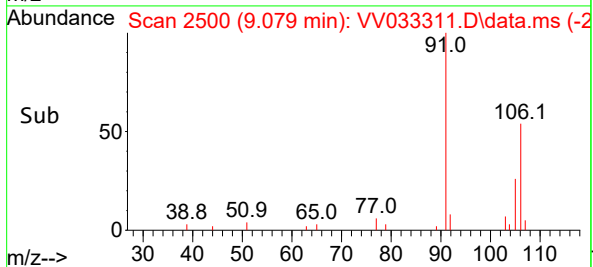
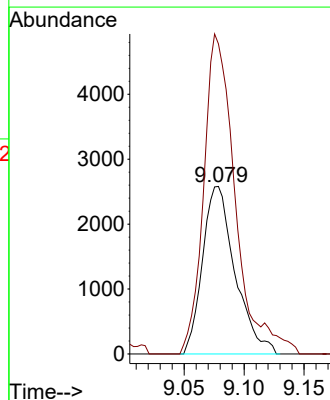
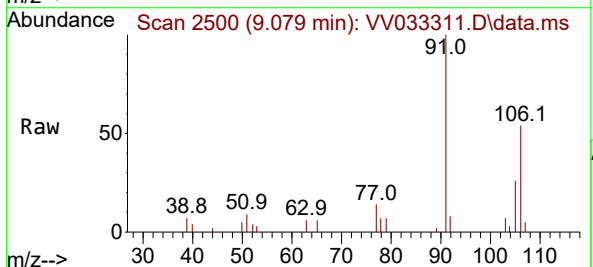
Acq: 14 Dec 2023 05:31

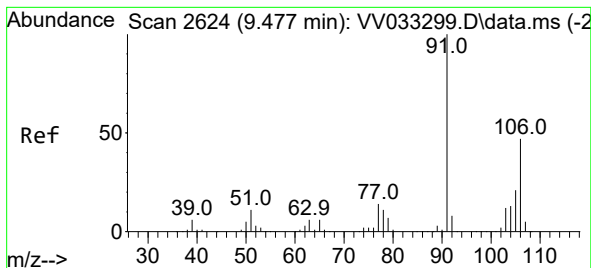
Tgt Ion:106 Resp: 4873

Ion Ratio Lower Upper

106 100

91 185.2 136.8 254.0





#54

o-Xylene

Concen: 0.110 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Instrument :

MSVOA_V

ClientSampleId :

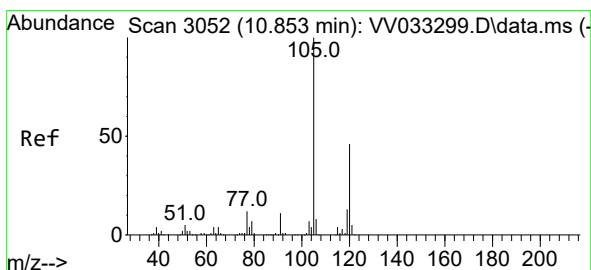
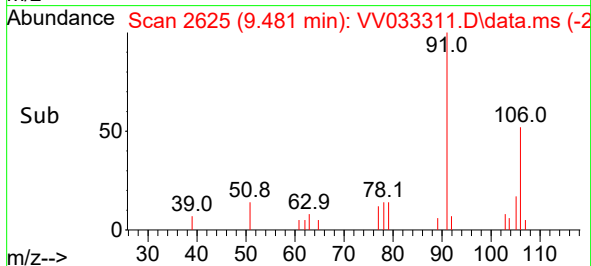
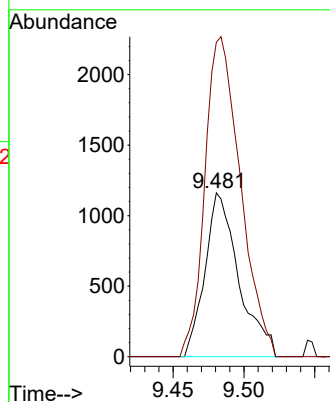
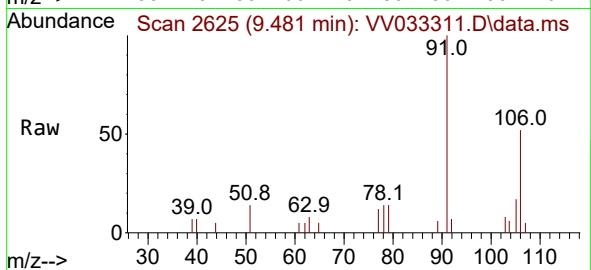
E0Y83

Tgt Ion:106 Resp: 1927

Ion Ratio Lower Upper

106 100

91 191.8 149.9 278.5



#63

1,2,4-Trimethylbenzene

Concen: 0.127 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.007 min

Lab File: VV033311.D

Acq: 14 Dec 2023 05:31

Tgt Ion:105 Resp: 4517

Ion Ratio Lower Upper

105 100

120 49.8 38.1 57.1

