

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036078.D
 Acq On : 13 Jun 2024 22:36
 Operator : SY/MD
 Sample : P2856-11
 Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH3

Quant Time: Jun 14 03:09:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

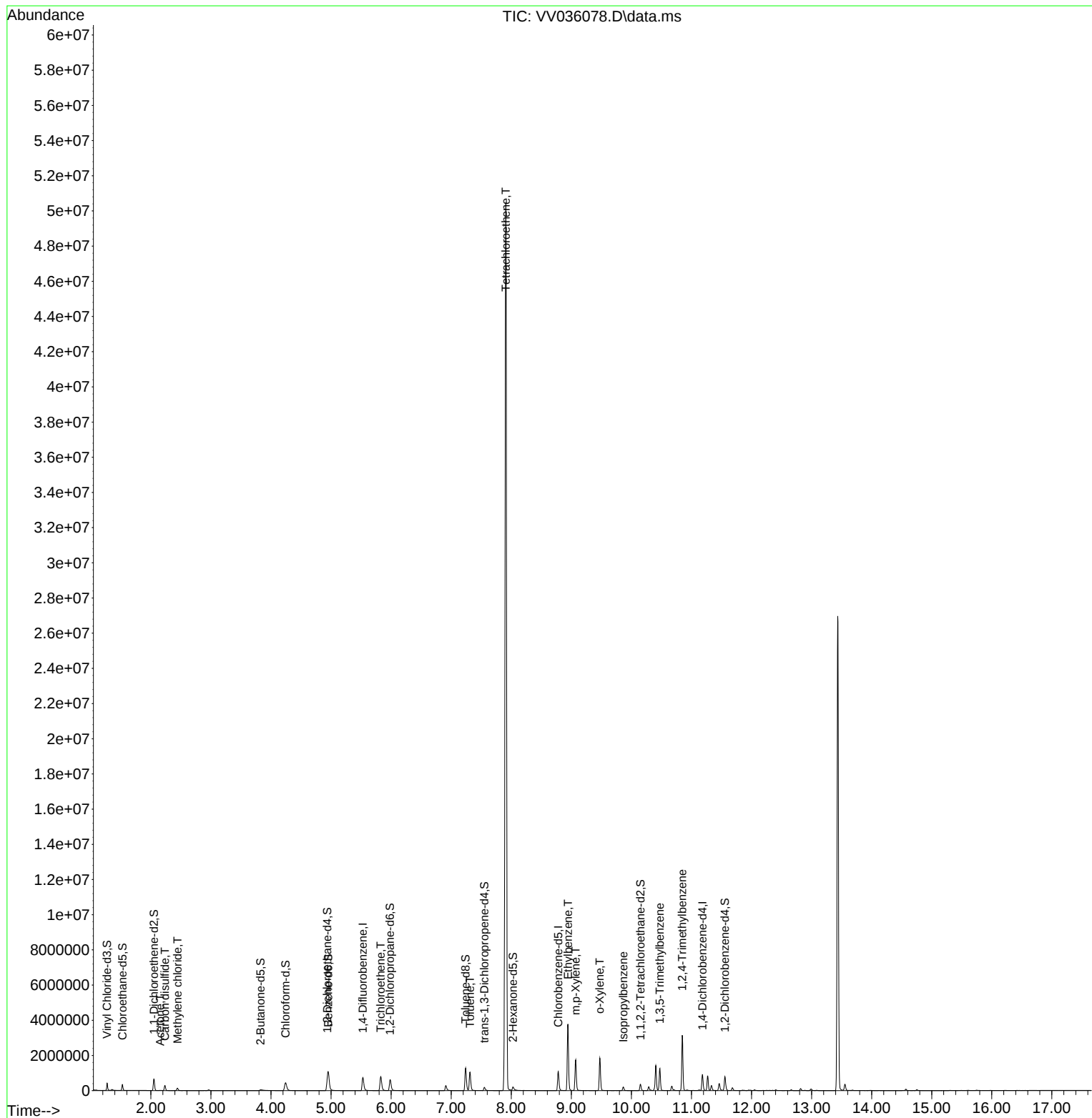
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	670367	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	615608	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	231011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	280671	22.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.080%		
7) Chloroethane-d5	1.526	69	231199	23.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.120%		
11) 1,1-Dichloroethene-d2	2.050	65	116336	21.203	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.800%		
21) 2-Butanone-d5	3.828	46	97237	34.387	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.780%		
24) Chloroform-d	4.243	84	502719	23.588	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.360%		
26) 1,2-Dichloroethane-d4	4.937	65	279423	25.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.040%		
32) Benzene-d6	4.953	84	1014366	27.720	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.880%		
36) 1,2-Dichloropropane-d6	5.982	67	328306	28.490	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.960%		
41) Toluene-d8	7.240	98	864795	26.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.120%		
43) trans-1,3-Dichloroprop...	7.551	79	122038	25.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.320%		
47) 2-Hexanone-d5	8.027	63	80207	51.372	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.740%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	180783	20.994	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.960%		
66) 1,2-Dichlorobenzene-d4	11.558	152	207609	24.507	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.040%		
Target Compounds					Qvalue	
13) Acetone	2.156	43	27929	6.341	ug/L	90
14) Carbon disulfide	2.233	76	351671	9.434	ug/L	99
16) Methylene chloride	2.442	84	62661	4.131	ug/L	99
34) Trichloroethene	5.828	95	289045	23.424	ug/L	100
42) Toluene	7.313	91	788504	19.166	ug/L	100
46) Tetrachloroethene	7.908	164	11895221	1318.029	ug/L	94
52) Ethylbenzene	8.944	91	2557918	58.112	ug/L	100
53) m,p-Xylene	9.072	106	474879	28.712	ug/L	99
54) o-Xylene	9.474	106	473828	30.379	ug/L	98
60) Isopropylbenzene	9.866	105	130401	4.400	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	652240	30.349	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1600067	69.102	ug/L	100

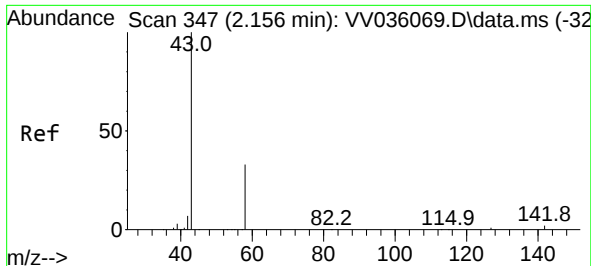
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Time: Jun 14 03:09:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.341 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV036078.D

Acq: 13 Jun 2024 22:36

Instrument :

MSVOA_V

ClientSampleId :

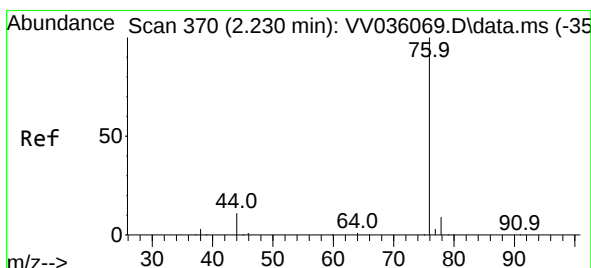
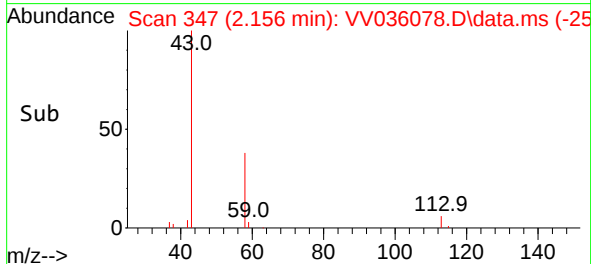
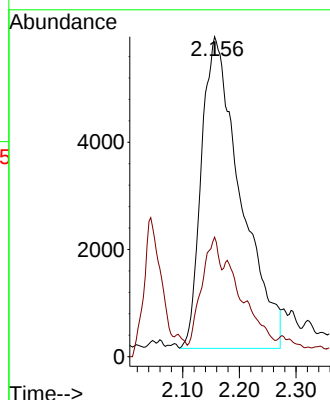
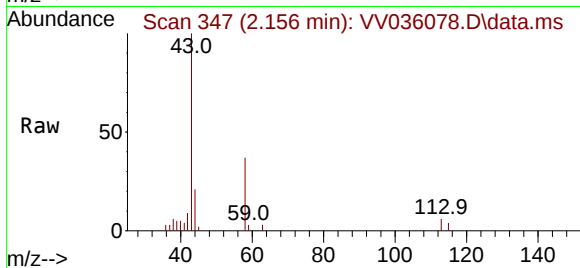
C0SH3

Tgt Ion: 43 Resp: 27929

Ion Ratio Lower Upper

43 100

58 16.0 0.0 24.2



#14

Carbon disulfide

Concen: 9.434 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036078.D

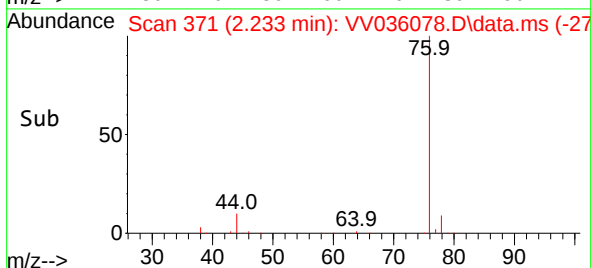
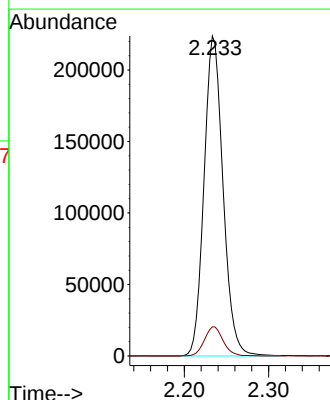
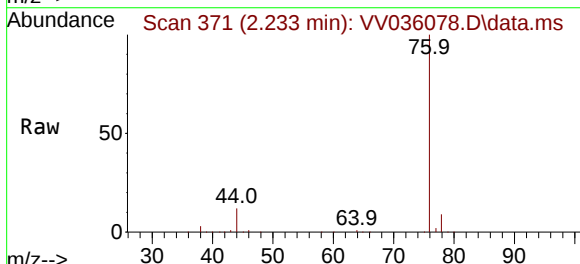
Acq: 13 Jun 2024 22:36

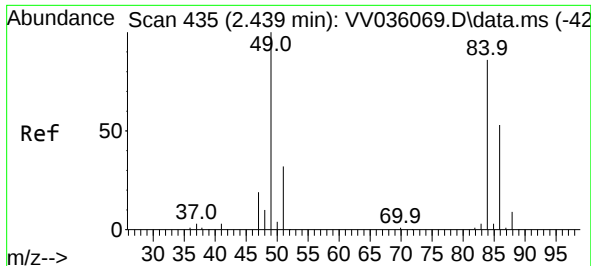
Tgt Ion: 76 Resp: 351671

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

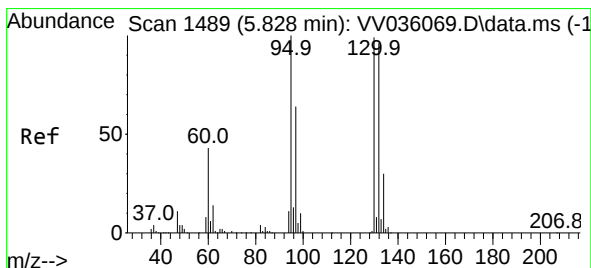
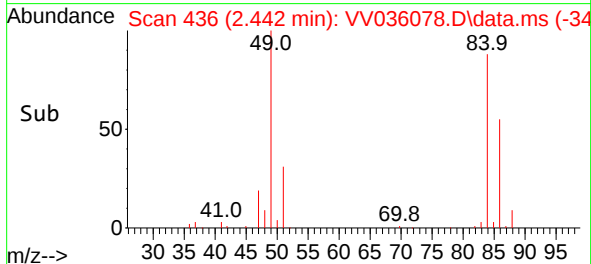
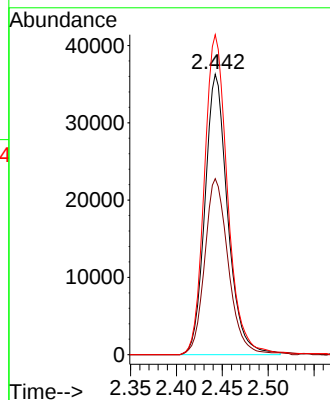
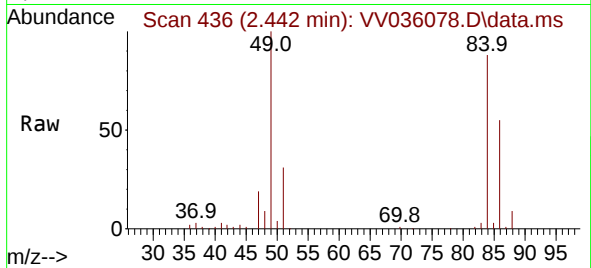




#16
Methylene chloride
Concen: 4.131 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

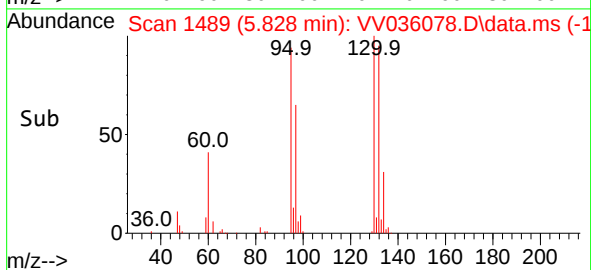
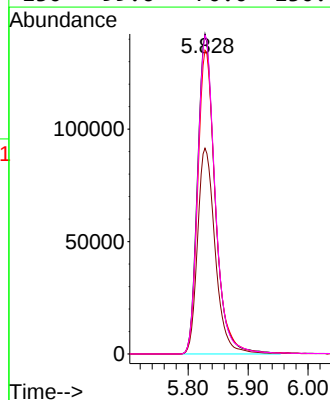
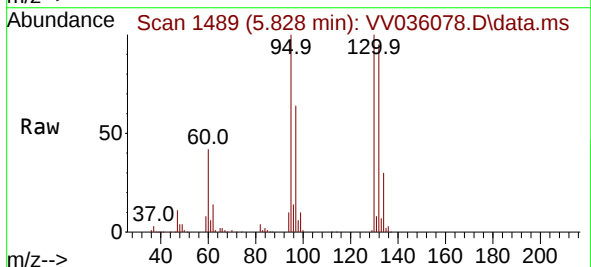
Instrument :
MSVOA_V
ClientSampleId :
C0SH3

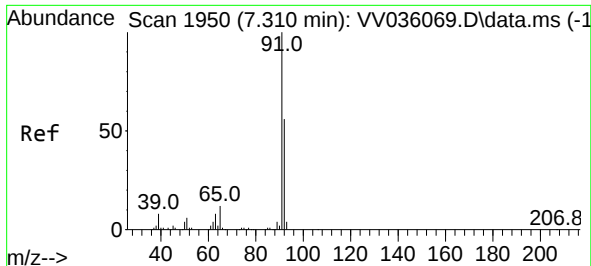
Tgt Ion: 84 Resp: 62661
Ion Ratio Lower Upper
84 100
86 62.8 44.6 82.8
49 114.1 81.1 150.5



#34
Trichloroethene
Concen: 23.424 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

Tgt Ion: 95 Resp: 289045
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 94.9 66.8 124.2
130 99.6 70.0 130.0

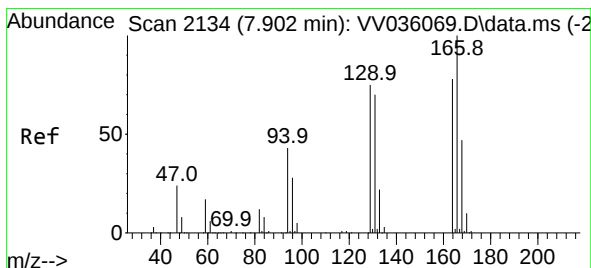
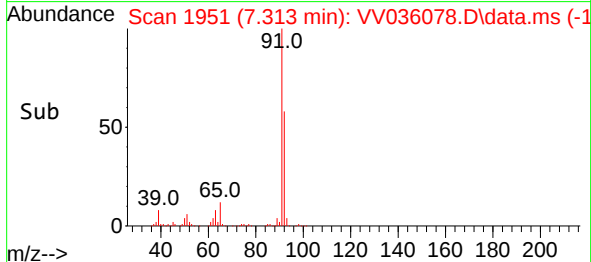
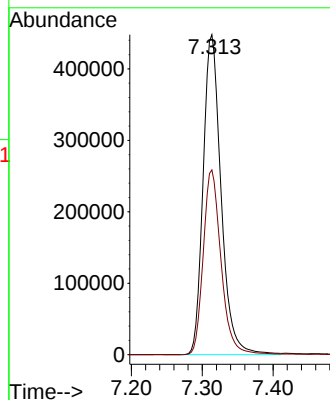
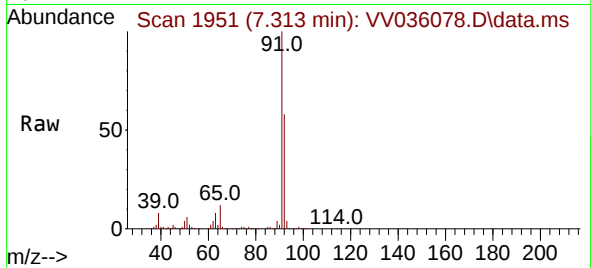




#42
Toluene
Concen: 19.166 ug/L
RT: 7.313 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

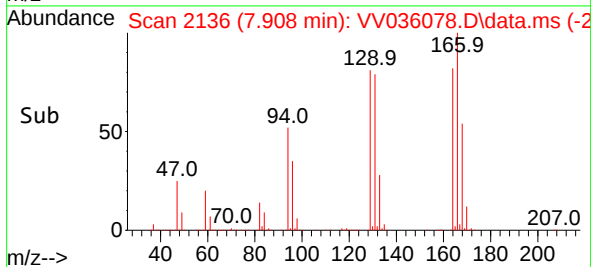
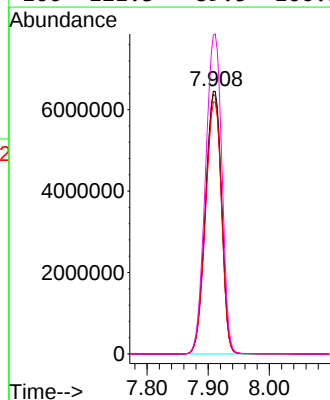
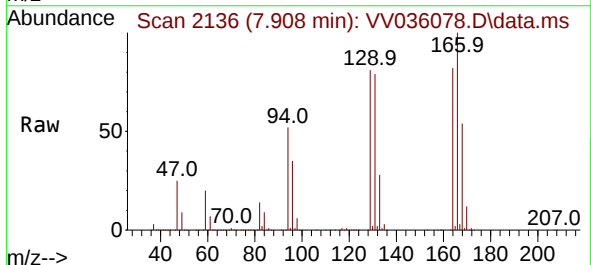
Instrument :
MSVOA_V
ClientSampleId :
C0SH3

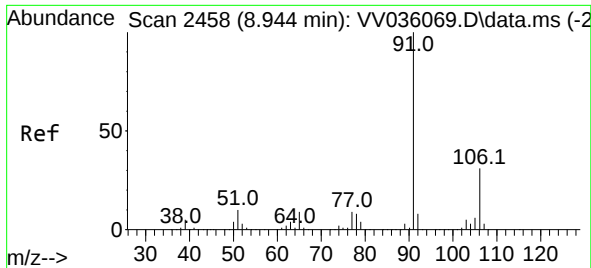
Tgt Ion: 91 Resp: 788504
Ion Ratio Lower Upper
91 100
92 57.8 40.6 75.4



#46
Tetrachloroethene
Concen: 1318.029 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

Tgt Ion: 164 Resp: 11895221
Ion Ratio Lower Upper
164 100
129 98.9 64.6 120.0
131 95.9 63.2 117.4
166 121.3 89.5 166.3

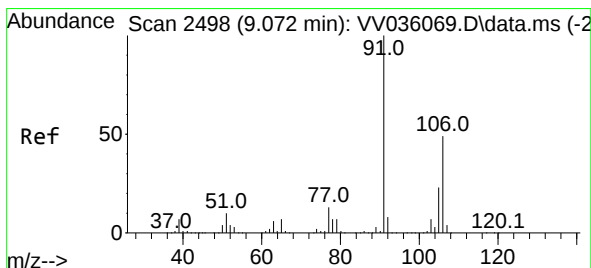
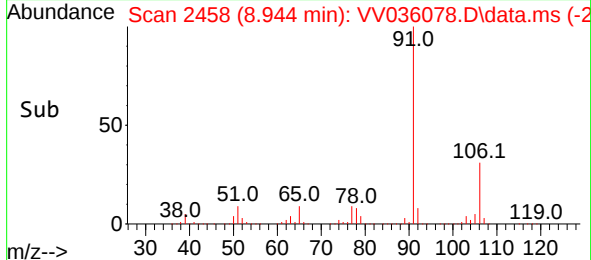
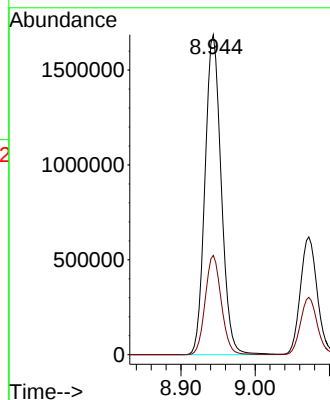
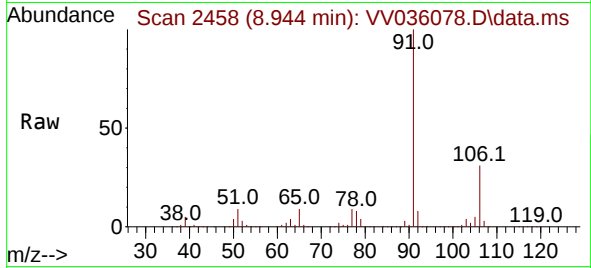




#52
Ethylbenzene
Concen: 58.112 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

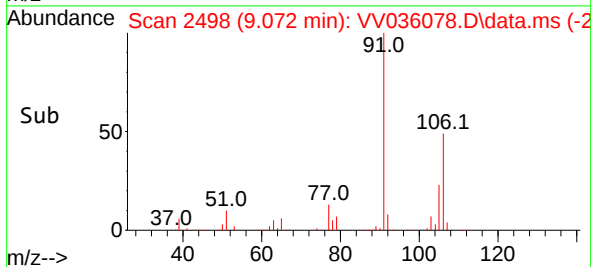
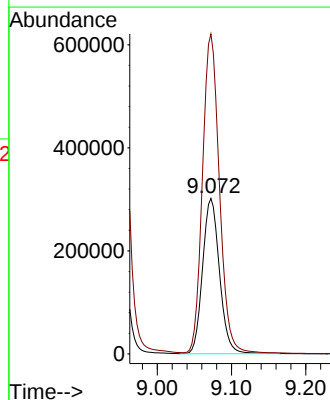
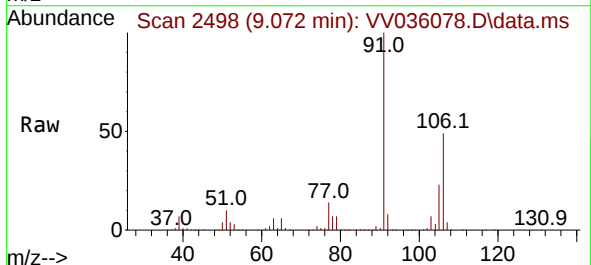
Instrument :
MSVOA_V
ClientSampleId :
C0SH3

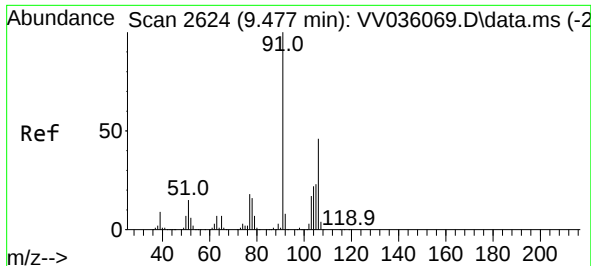
Tgt Ion: 91 Resp: 2557918
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 28.712 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

Tgt Ion: 106 Resp: 474879
Ion Ratio Lower Upper
106 100
91 205.7 143.1 265.9

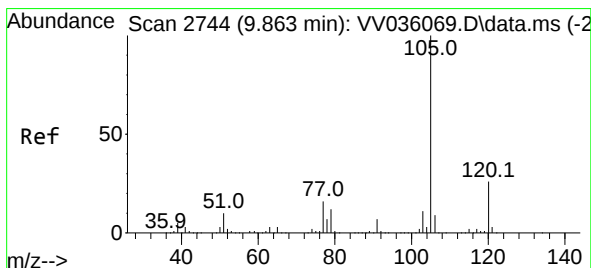
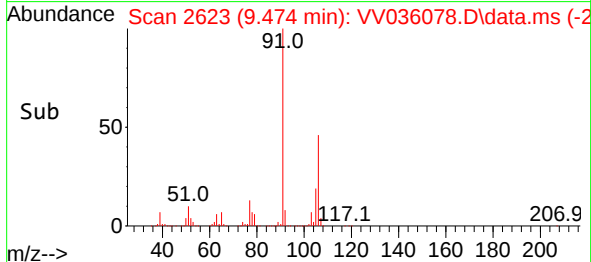
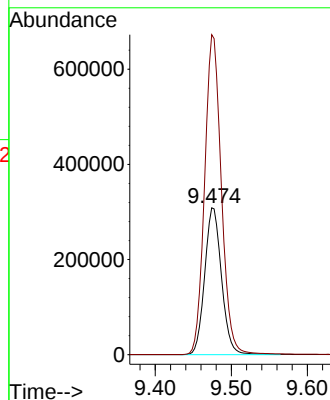
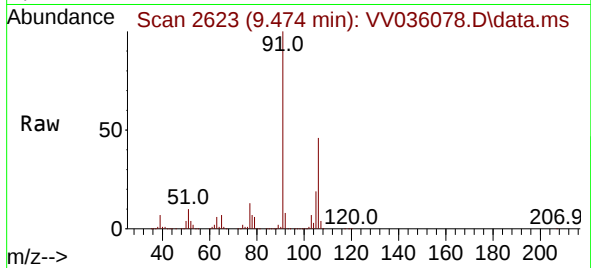




#54
o-Xylene
Concen: 30.379 ug/L
RT: 9.474 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

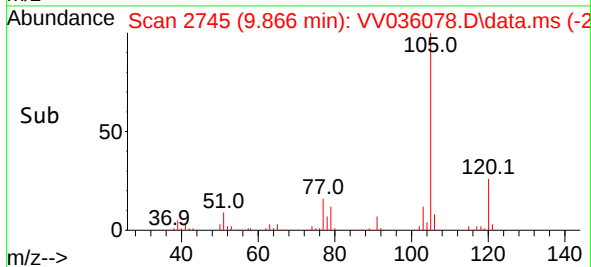
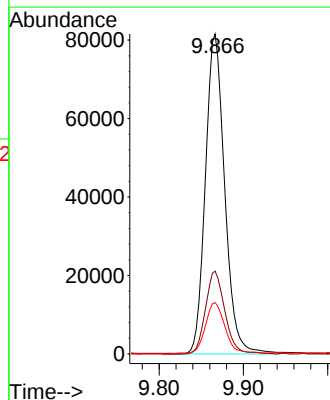
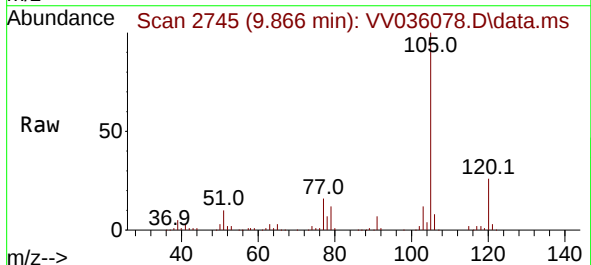
Instrument :
MSVOA_V
ClientSampleId :
C0SH3

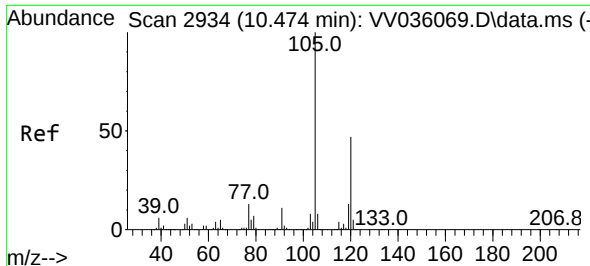
Tgt Ion:106 Resp: 473828
Ion Ratio Lower Upper
106 100
91 217.9 154.5 286.9



#60
Isopropylbenzene
Concen: 4.400 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VV036078.D
Acq: 13 Jun 2024 22:36

Tgt Ion:105 Resp: 130401
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.5 12.6 18.8

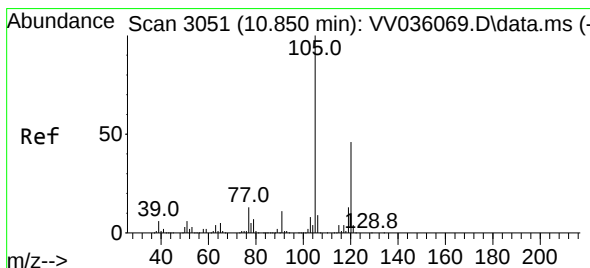
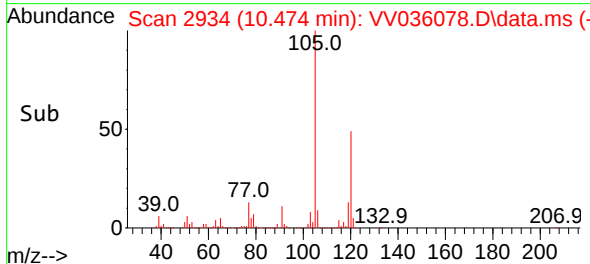
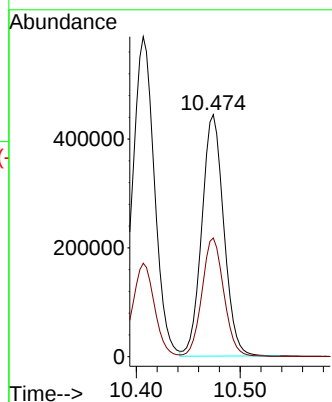
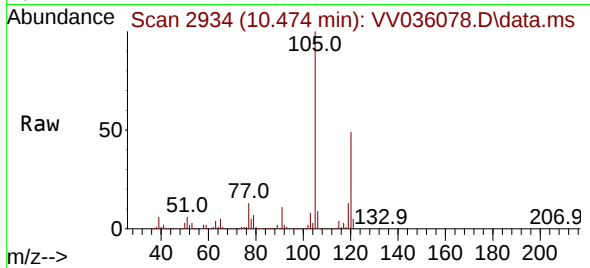




#62
 1,3,5-Trimethylbenzene
 Concen: 30.349 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036078.D
 Acq: 13 Jun 2024 22:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH3

Tgt Ion:105 Resp: 652240
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 69.102 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.003 min
 Lab File: VV036078.D
 Acq: 13 Jun 2024 22:36

Tgt Ion:105 Resp: 1600067
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.2 54.4

