

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036121.D
 Acq On : 18 Jun 2024 16:03
 Operator : SY/MD
 Sample : P2873-12
 Misc : 5.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

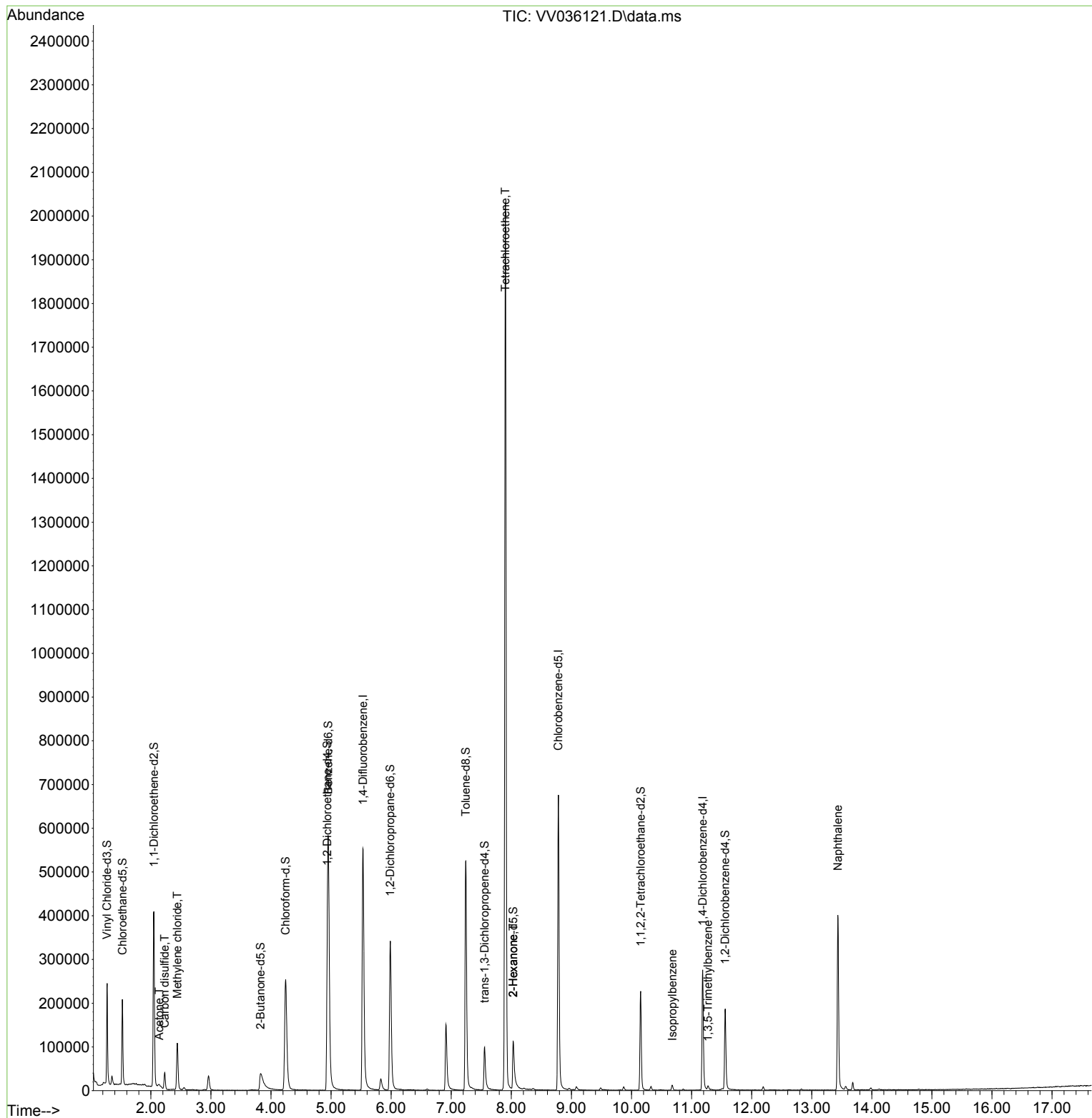
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	479028	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	376184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75061	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	153708	17.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.800%
7) Chloroethane-d5	1.526	69	130010	18.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.040%
11) 1,1-Dichloroethene-d2	2.050	65	69606	17.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.000%
21) 2-Butanone-d5	3.825	46	74342	36.791	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.580%
24) Chloroform-d	4.243	84	277088	18.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.760%
26) 1,2-Dichloroethane-d4	4.937	65	165110	20.678	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.720%
32) Benzene-d6	4.954	84	512317	22.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	5.986	67	173160	24.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.243	98	367090	18.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.440%
43) trans-1,3-Dichloroprop...	7.555	79	63182	21.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.520%
47) 2-Hexanone-d5	8.031	63	43113	45.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	112824	21.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	49456	17.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.880%#
Target Compounds						Qvalue
13) Acetone	2.140	43	12393	3.937	ug/L	79
14) Carbon disulfide	2.230	76	43738	1.642	ug/L	100
16) Methylene chloride	2.439	84	46404	4.281	ug/L	99
46) Tetrachloroethene	7.902	164	451050	81.786	ug/L	98
48) 2-Hexanone	8.031	43	5597	2.040	ug/L #	73
60) Isopropylbenzene	10.680	105	7439	0.772	ug/L	93
62) 1,3,5-Trimethylbenzene	11.275	105	4784	0.685	ug/L	93
71) Naphthalene	13.435	128	322302	66.305	ug/L	99

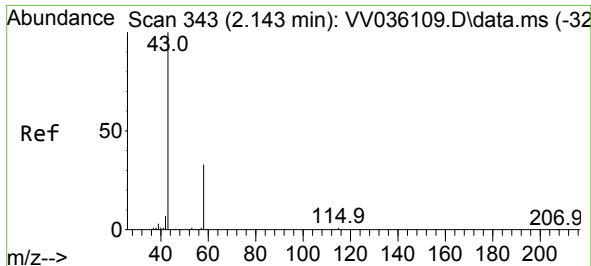
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 3.937 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036121.D

Acq: 18 Jun 2024 16:03

Instrument :

MSVOA_V

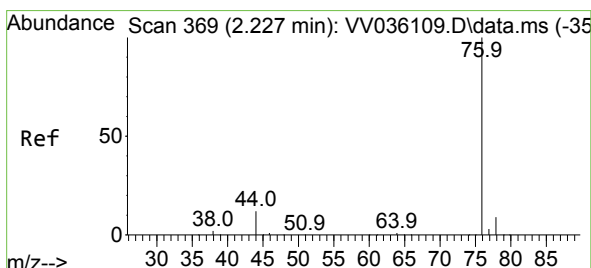
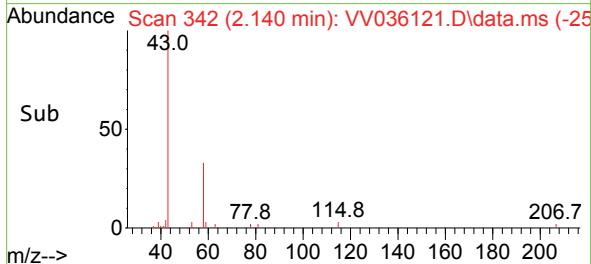
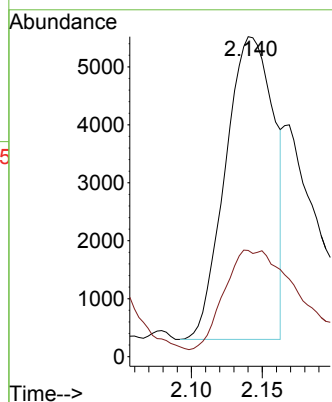
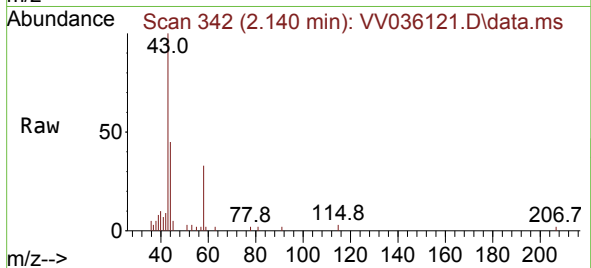
ClientSampleId :

Tgt Ion: 43 Resp: 12393

Ion Ratio Lower Upper

43 100

58 20.2 0.0 24.2



#14

Carbon disulfide

Concen: 1.642 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036121.D

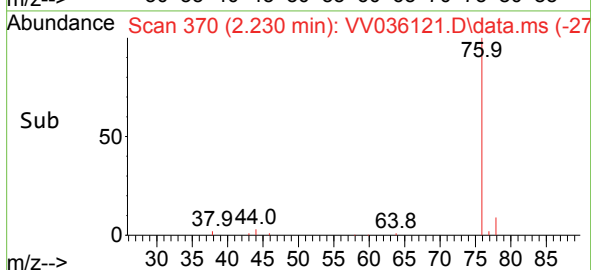
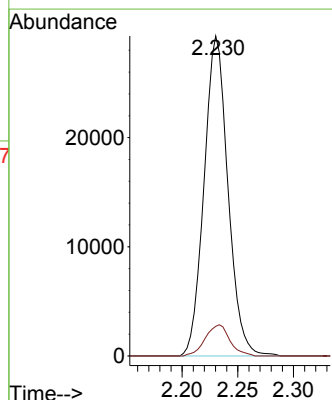
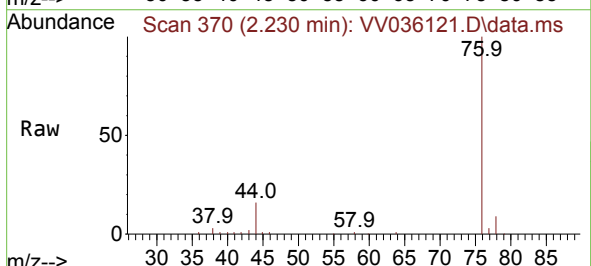
Acq: 18 Jun 2024 16:03

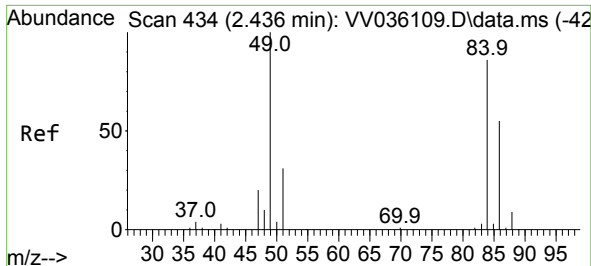
Tgt Ion: 76 Resp: 43738

Ion Ratio Lower Upper

76 100

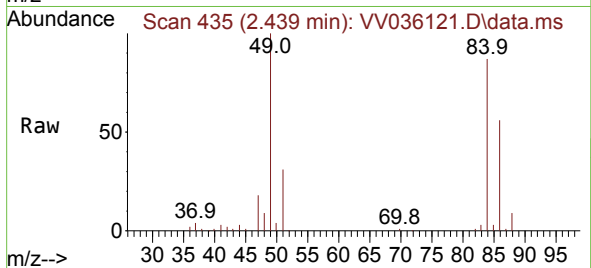
78 9.2 7.4 11.2



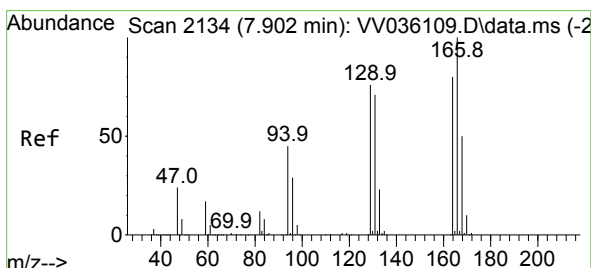
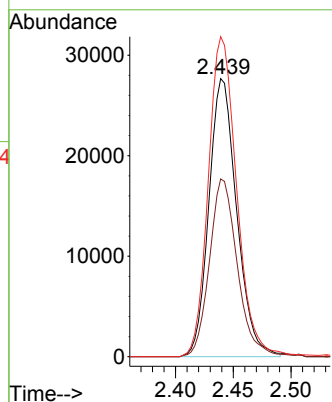
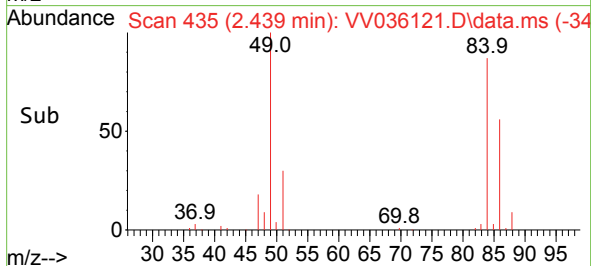


#16
Methylene chloride
Concen: 4.281 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036121.D
Acq: 18 Jun 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :

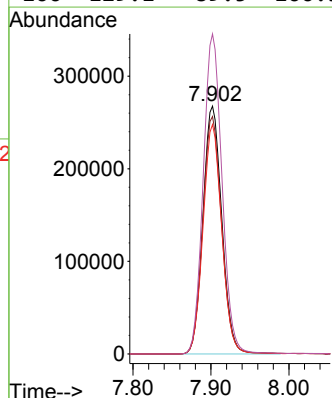
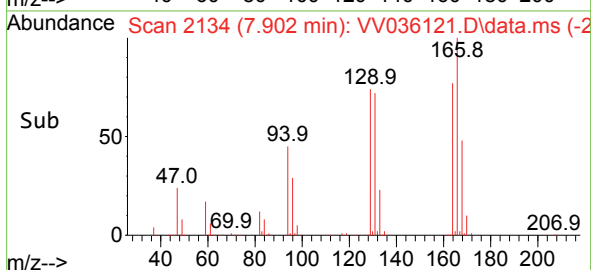
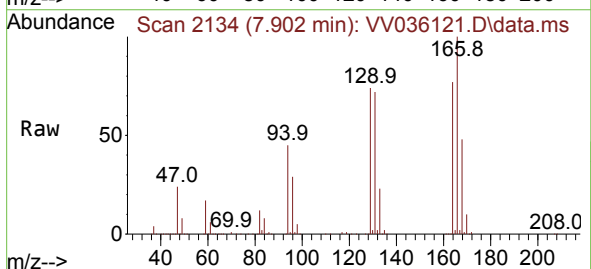


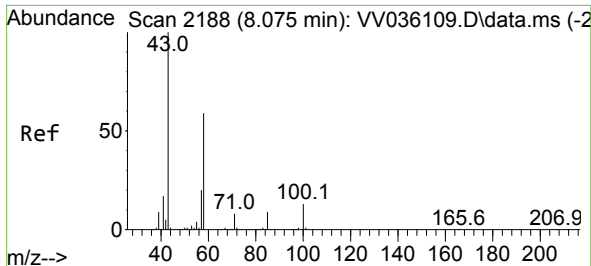
Tgt Ion: 84 Resp: 46404
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 115.1 81.1 150.5



#46
Tetrachloroethene
Concen: 81.786 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036121.D
Acq: 18 Jun 2024 16:03

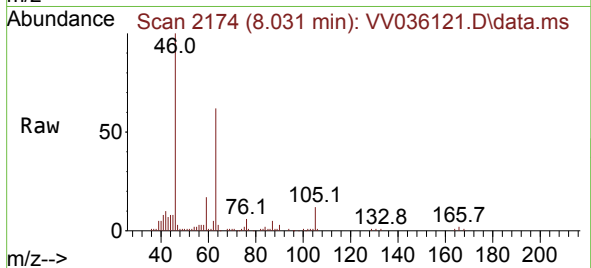
Tgt Ion:164 Resp: 451050
Ion Ratio Lower Upper
164 100
129 95.8 64.6 120.0
131 92.6 63.2 117.4
166 129.1 89.5 166.3





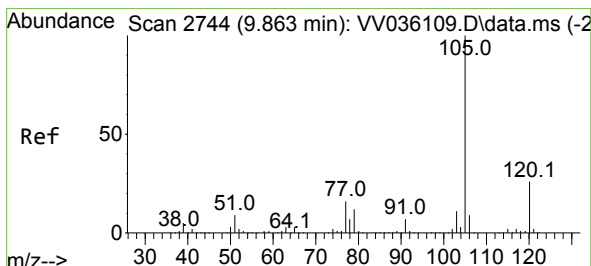
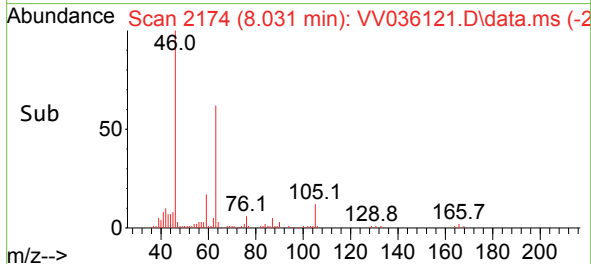
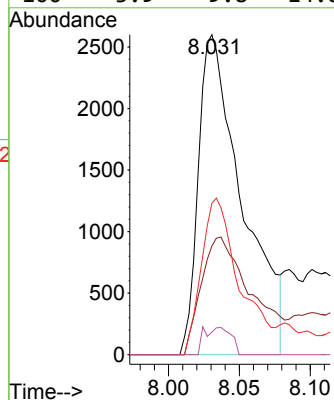
#48
2-Hexanone
Concen: 2.040 ug/L
RT: 8.031 min Scan# 2188
Delta R.T. -0.045 min
Lab File: VV036121.D
Acq: 18 Jun 2024 16:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 5597

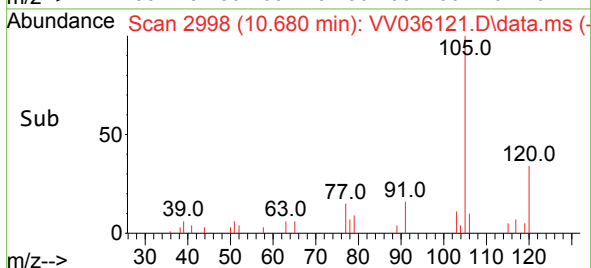
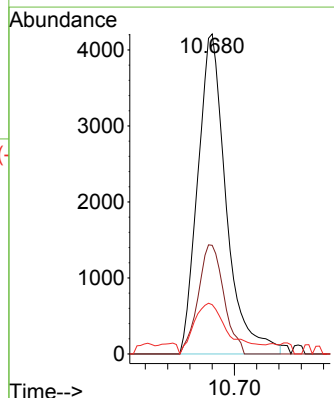
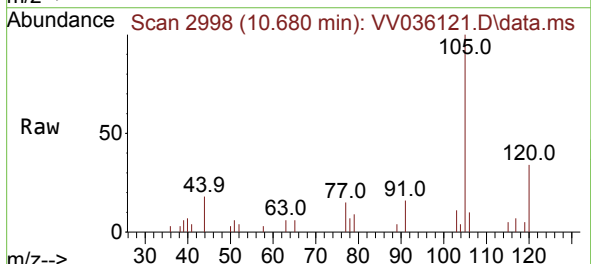
Ion	Ratio	Lower	Upper
43	100		
58	42.6	45.4	68.0#
57	43.1	15.8	23.8#
100	3.9	9.8	14.8#

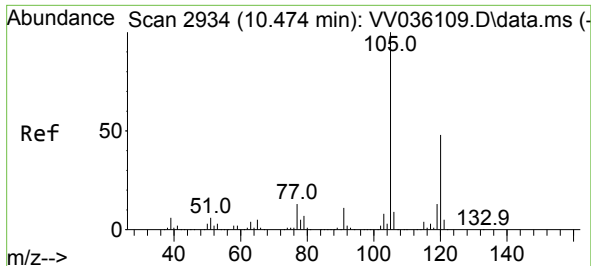


#60
Isopropylbenzene
Concen: 0.772 ug/L
RT: 10.680 min Scan# 2998
Delta R.T. 0.817 min
Lab File: VV036121.D
Acq: 18 Jun 2024 16:03

Tgt Ion: 105 Resp: 7439

Ion	Ratio	Lower	Upper
105	100		
120	30.9	21.0	31.6
77	16.8	12.6	18.8





#62

1,3,5-Trimethylbenzene

Concen: 0.685 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.801 min

Lab File: VV036121.D

Acq: 18 Jun 2024 16:03

Instrument :

MSVOA_V

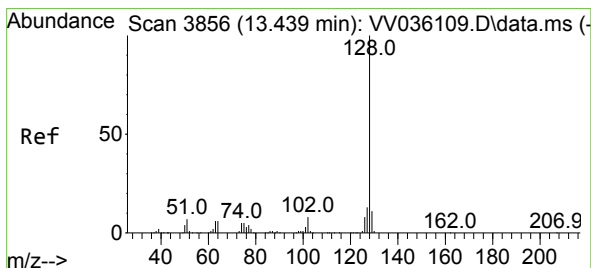
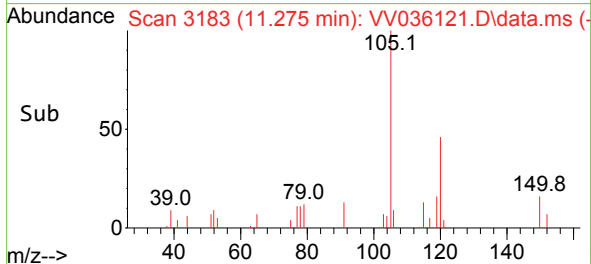
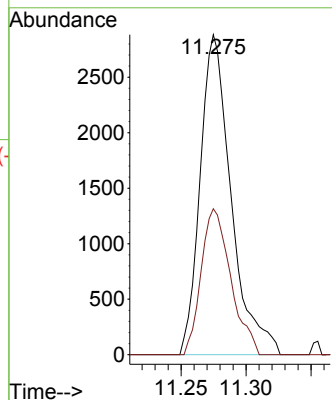
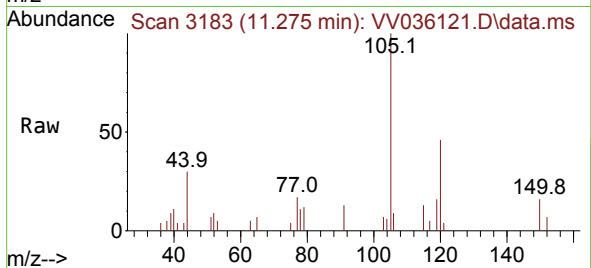
ClientSampleId :

Tgt Ion:105 Resp: 4784

Ion Ratio Lower Upper

105 100

120 43.6 38.6 58.0



#71

Naphthalene

Concen: 66.305 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036121.D

Acq: 18 Jun 2024 16:03

Tgt Ion:128 Resp: 322302

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.7 8.8 13.2

