

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
 Data File : VV036144.D
 Acq On : 19 Jun 2024 17:51
 Operator : SY/MD
 Sample : P2873-12
 Misc : 4.15g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

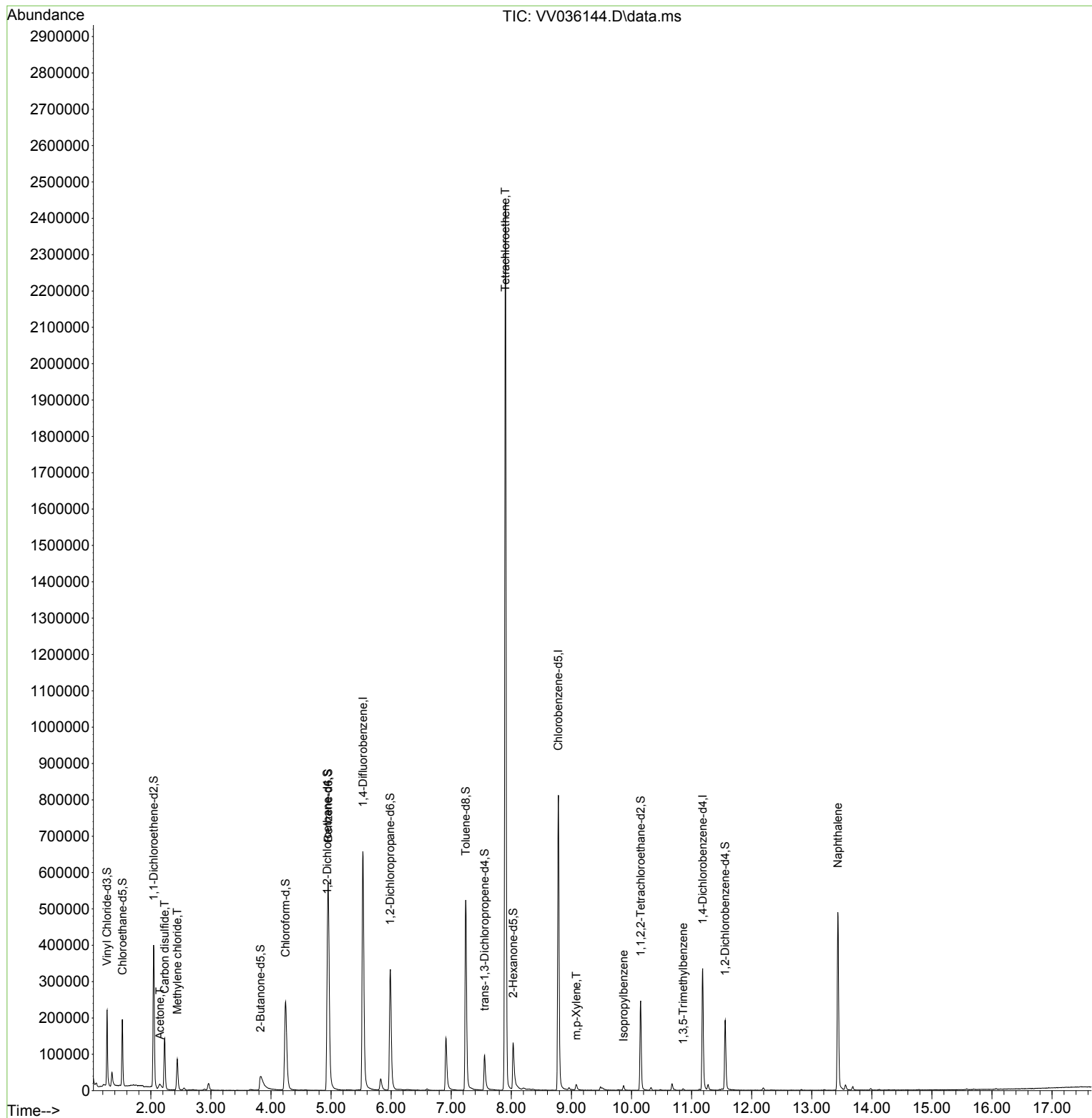
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	563987	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	451522	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	90051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	144812	13.966	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.880%
7) Chloroethane-d5	1.526	69	124531	15.062	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.240%
11) 1,1-Dichloroethene-d2	2.047	65	65862	14.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.080%
21) 2-Butanone-d5	3.825	46	83020	34.897	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.800%
24) Chloroform-d	4.243	84	268724	14.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.960%
26) 1,2-Dichloroethane-d4	4.937	65	169274	18.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.040%
32) Benzene-d6	4.953	84	494745	18.433	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.720%
36) 1,2-Dichloropropane-d6	5.985	67	169358	20.037	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.160%
41) Toluene-d8	7.239	98	366968	15.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.000%
43) trans-1,3-Dichloroprop...	7.555	79	61871	17.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.400%
47) 2-Hexanone-d5	8.030	63	50872	44.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	120914	19.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	50665	15.342	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	61.360%#
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	33540	9.051	ug/L	# 53
14) Carbon disulfide	2.230	76	164645	5.250	ug/L	99
16) Methylene chloride	2.439	84	36602	2.868	ug/L	99
46) Tetrachloroethene	7.902	164	529022	79.919	ug/L	98
53) m,p-Xylene	9.082	106	5033	0.415	ug/L	98
60) Isopropylbenzene	9.866	105	7562	0.655	ug/L	96
62) 1,3,5-Trimethylbenzene	10.860	105	2567	0.306	ug/L	90
71) Naphthalene	13.435	128	393511	67.479	ug/L	99

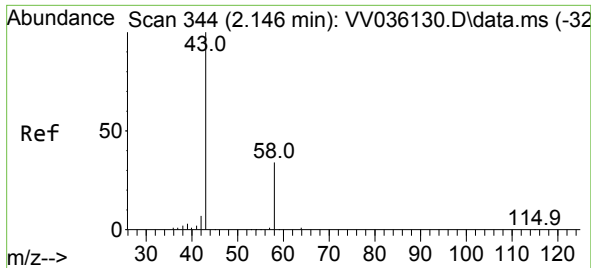
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.051 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036144.D

Acq: 19 Jun 2024 17:51

Instrument :

MSVOA_V

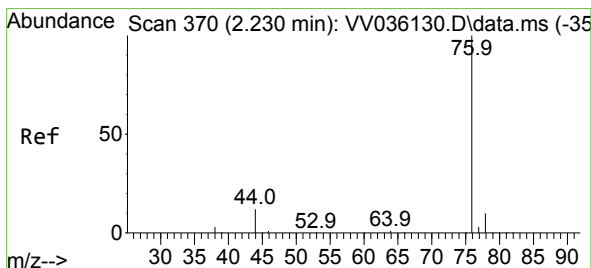
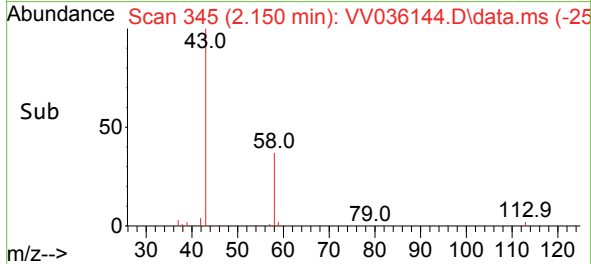
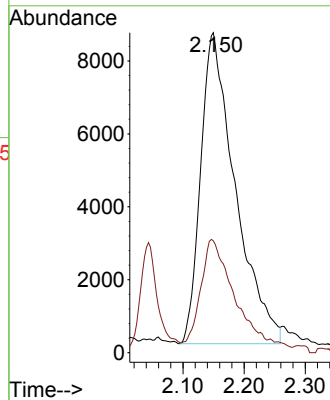
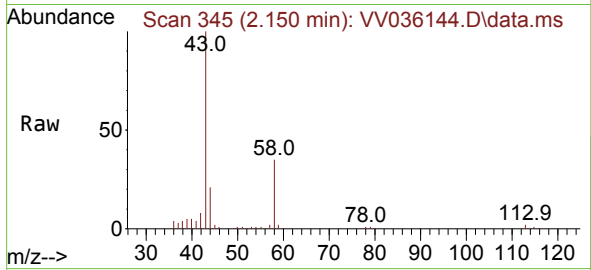
ClientSampleId :

Tgt Ion: 43 Resp: 33540

Ion Ratio Lower Upper

43 100

58 30.4 0.0 24.2#



#14

Carbon disulfide

Concen: 5.250 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036144.D

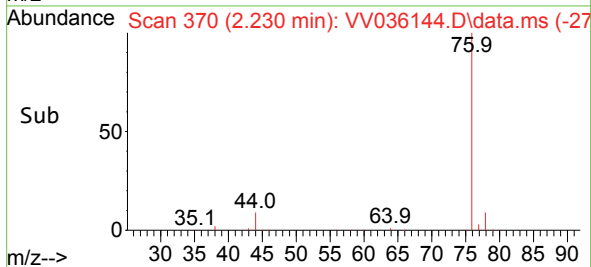
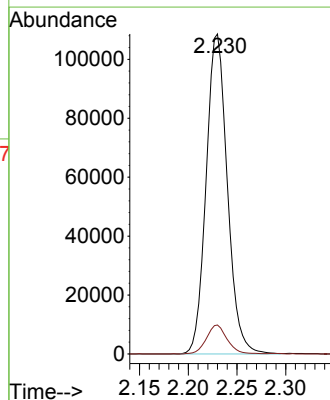
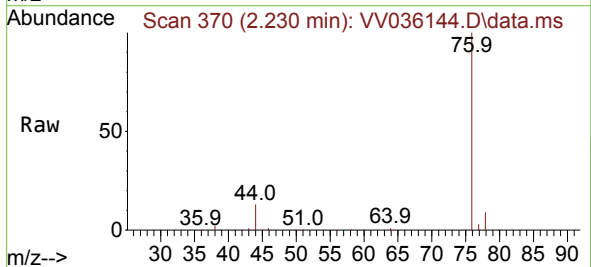
Acq: 19 Jun 2024 17:51

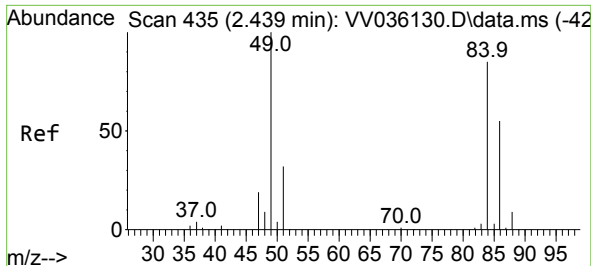
Tgt Ion: 76 Resp: 164645

Ion Ratio Lower Upper

76 100

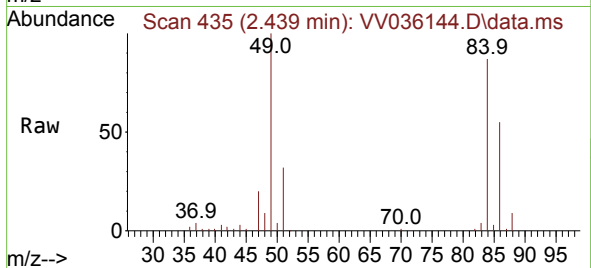
78 9.1 7.4 11.2



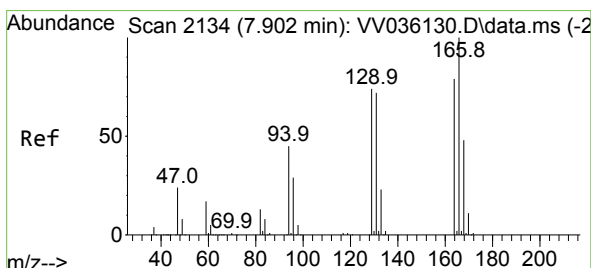
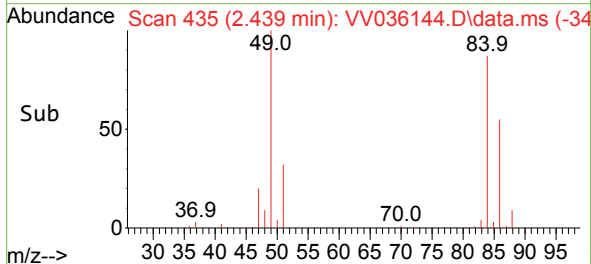
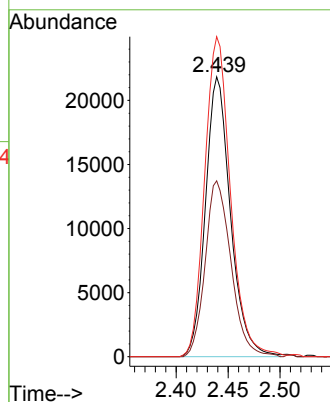


#16
Methylene chloride
Concen: 2.868 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036144.D
Acq: 19 Jun 2024 17:51

Instrument :
MSVOA_V
ClientSampleId :

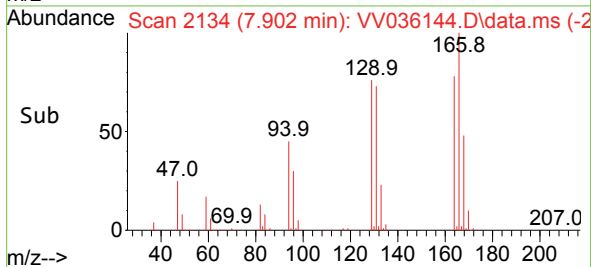
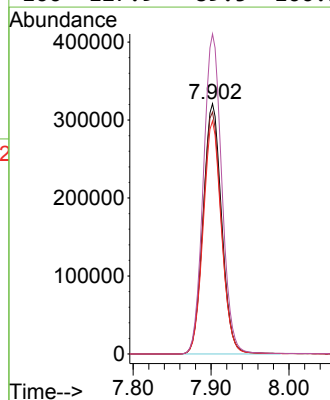
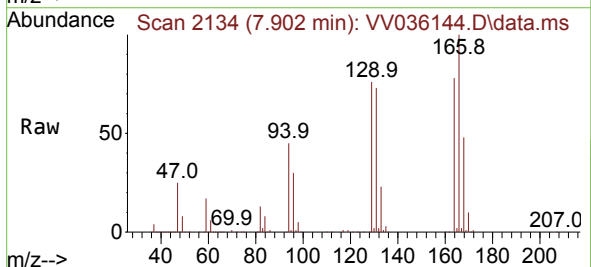


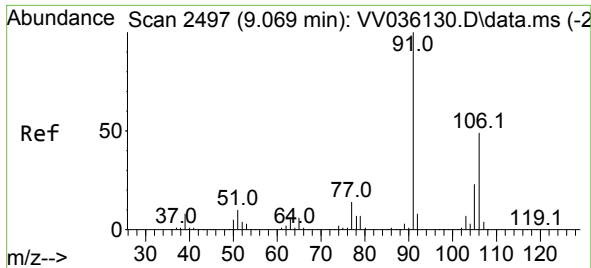
Tgt Ion: 84 Resp: 36602
Ion Ratio Lower Upper
84 100
86 62.8 44.6 82.8
49 114.4 81.1 150.5



#46
Tetrachloroethene
Concen: 79.919 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036144.D
Acq: 19 Jun 2024 17:51

Tgt Ion:164 Resp: 529022
Ion Ratio Lower Upper
164 100
129 96.7 64.6 120.0
131 93.1 63.2 117.4
166 127.9 89.5 166.3

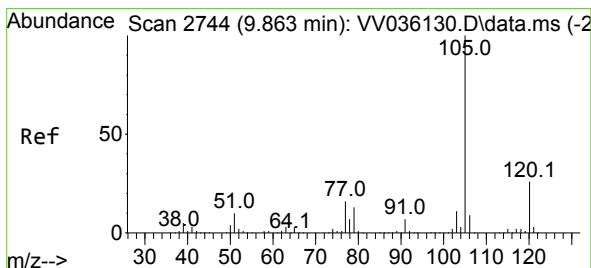
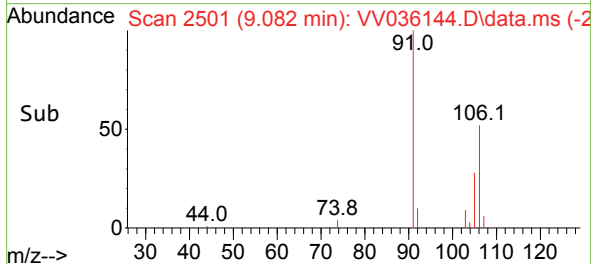
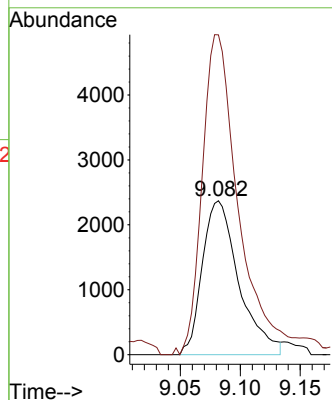
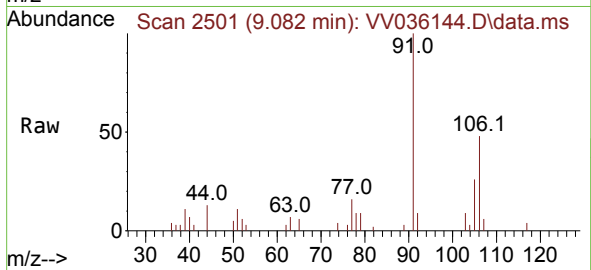




#53
m,p-Xylene
Concen: 0.415 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV036144.D
Acq: 19 Jun 2024 17:51

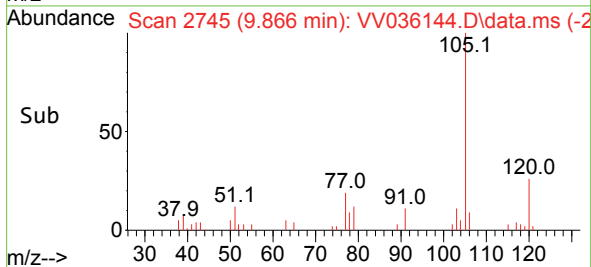
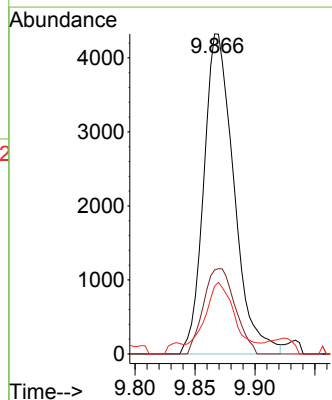
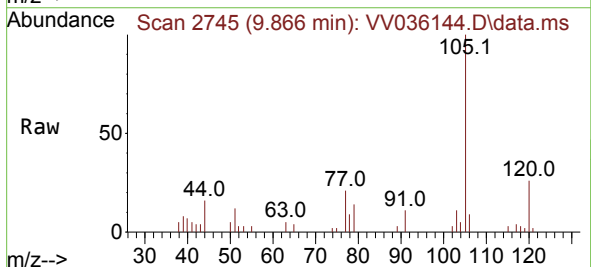
Instrument :
MSVOA_V
ClientSampleId :

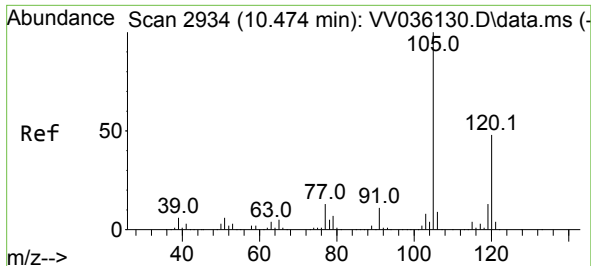
Tgt Ion:106 Resp: 5033
Ion Ratio Lower Upper
106 100
91 207.7 143.1 265.9



#60
Isopropylbenzene
Concen: 0.655 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VV036144.D
Acq: 19 Jun 2024 17:51

Tgt Ion:105 Resp: 7562
Ion Ratio Lower Upper
105 100
120 27.8 21.0 31.6
77 18.1 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 0.306 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.386 min

Lab File: VV036144.D

Acq: 19 Jun 2024 17:51

Instrument :

MSVOA_V

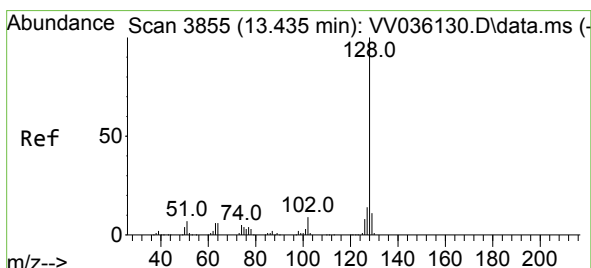
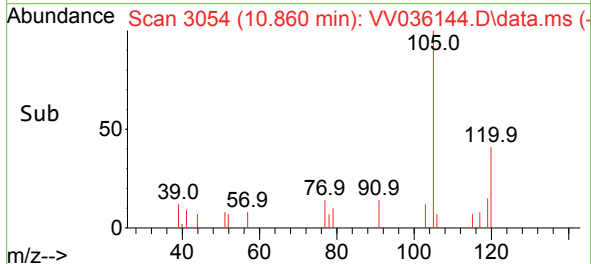
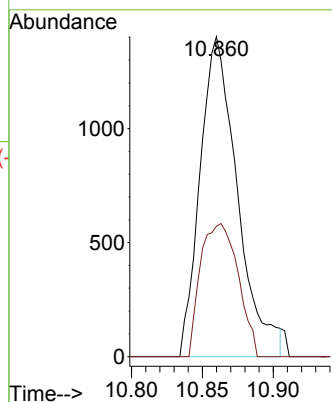
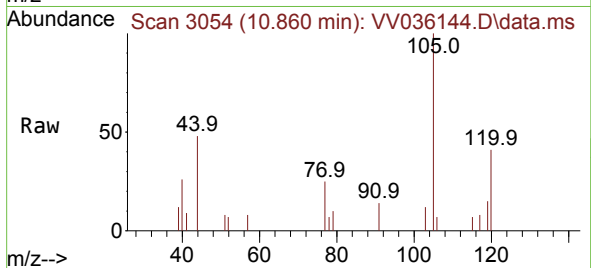
ClientSampleId :

Tgt Ion:105 Resp: 2567

Ion Ratio Lower Upper

105 100

120 41.8 38.6 58.0



#71

Naphthalene

Concen: 67.479 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036144.D

Acq: 19 Jun 2024 17:51

Tgt Ion:128 Resp: 393511

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 10.9 8.8 13.2

