

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036127.D
 Acq On : 18 Jun 2024 18:22
 Operator : SY/MD
 Sample : P2873-17
 Misc : 4.87g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:33:19 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)

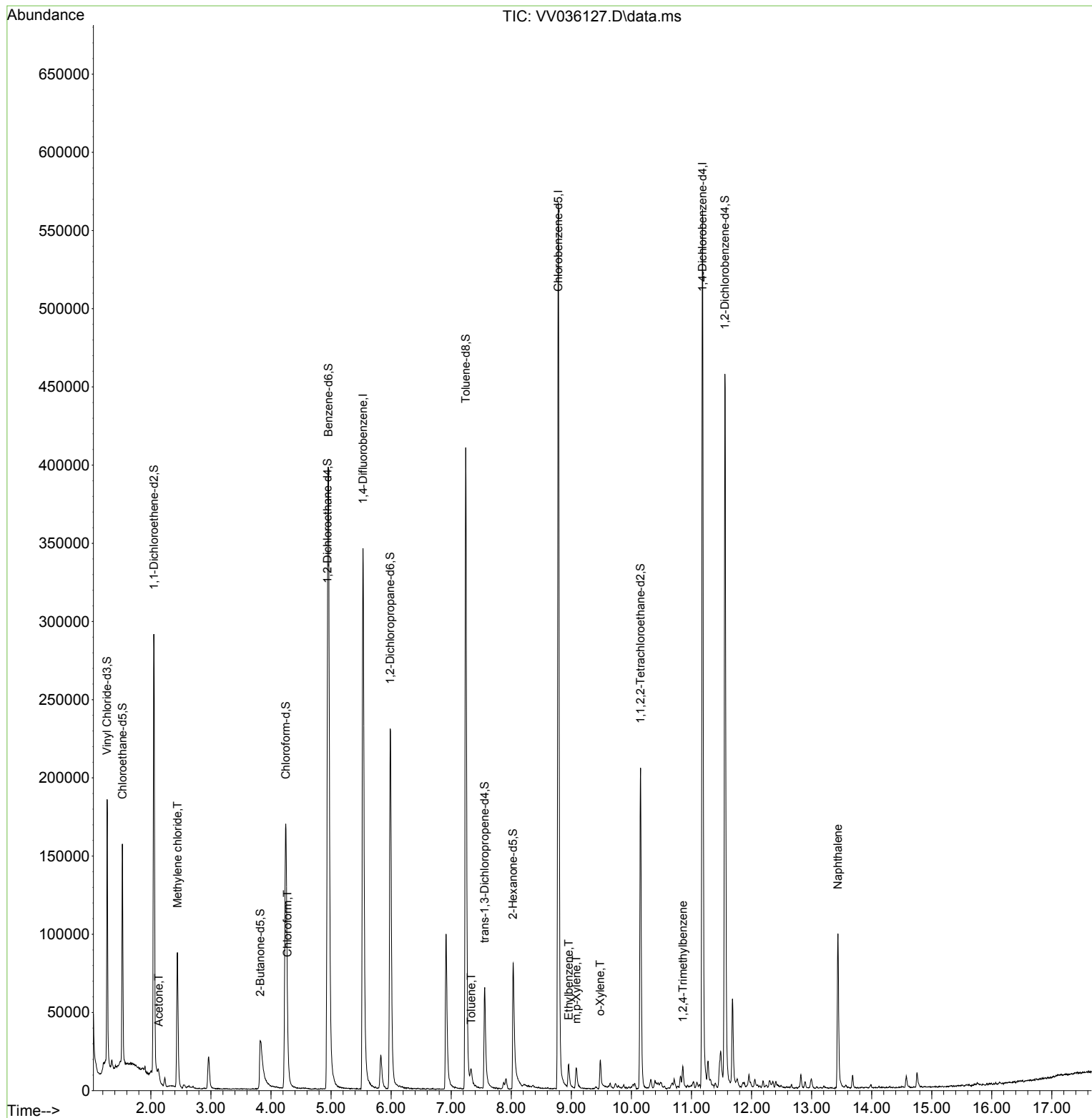
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	303844	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	321011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	146101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	110504	19.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
7) Chloroethane-d5	1.526	69	90520	20.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
11) 1,1-Dichloroethene-d2	2.050	65	47619	19.148	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.600%
21) 2-Butanone-d5	3.822	46	49364	38.515	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.040%
24) Chloroform-d	4.246	84	189051	19.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	4.940	65	111086	21.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.720%
32) Benzene-d6	4.957	84	355390	18.625	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.480%
36) 1,2-Dichloropropane-d6	5.985	67	118420	19.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.840%
41) Toluene-d8	7.243	98	288176	17.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.480%
43) trans-1,3-Dichloroprop...	7.558	79	43343	17.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.360%
47) 2-Hexanone-d5	8.030	63	30787	37.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	100719	22.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	118371	22.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.360%
Target Compounds						
					Qvalue	
13) Acetone	2.130	43	5946	2.978	ug/L	88
16) Methylene chloride	2.442	84	36178	5.262	ug/L	98
25) Chloroform	4.275	83	5294	0.523	ug/L	98
42) Toluene	7.333	91	8760	0.408	ug/L	96
52) Ethylbenzene	8.956	91	11368	0.495	ug/L	97
53) m,p-Xylene	9.085	106	4210	0.488	ug/L	100
54) o-Xylene	9.480	106	4916	0.604	ug/L	90
63) 1,2,4-Trimethylbenzene	10.857	105	7067	0.483	ug/L	100
71) Naphthalene	13.438	128	80964	8.557	ug/L	99

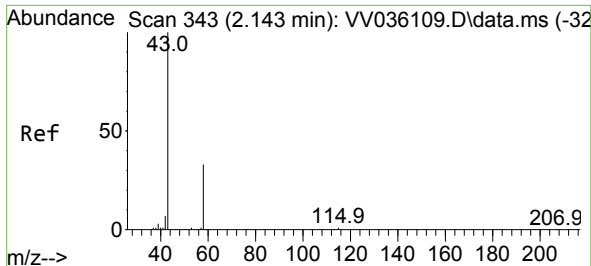
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.978 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV036127.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_V

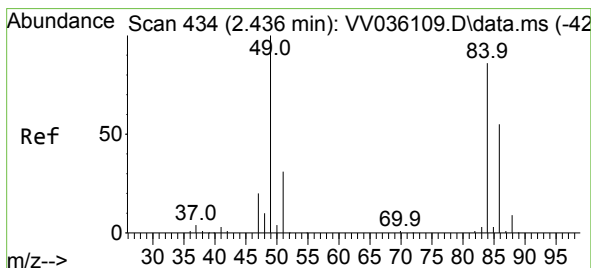
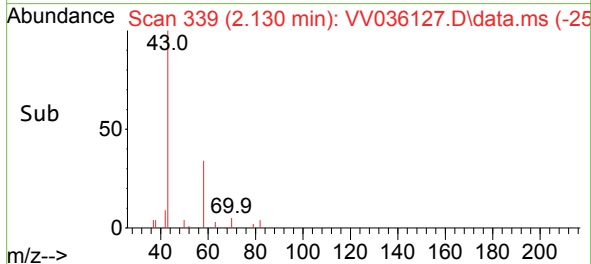
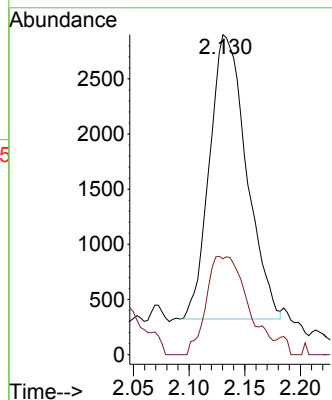
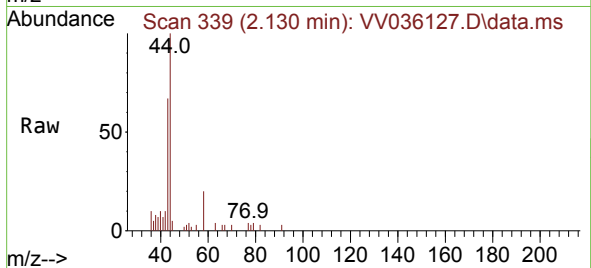
ClientSampleId :

Tgt Ion: 43 Resp: 5946

Ion Ratio Lower Upper

43 100

58 16.7 0.0 24.2



#16

Methylene chloride

Concen: 5.262 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.006 min

Lab File: VV036127.D

Acq: 18 Jun 2024 18:22

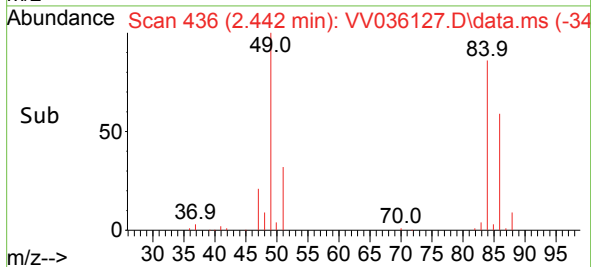
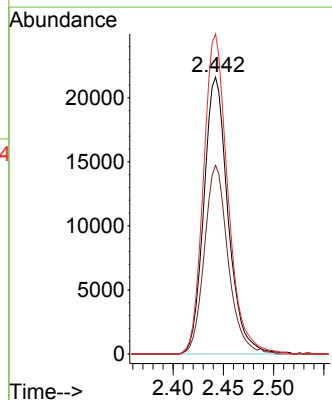
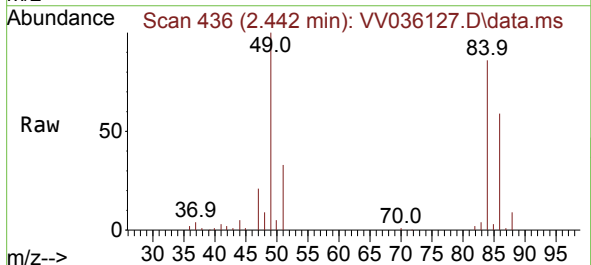
Tgt Ion: 84 Resp: 36178

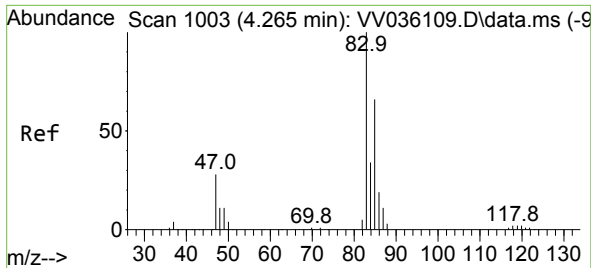
Ion Ratio Lower Upper

84 100

86 68.2 44.6 82.8

49 115.6 81.1 150.5





#25

Chloroform

Concen: 0.523 ug/L

RT: 4.275 min Scan# 10

Delta R.T. 0.010 min

Lab File: VV036127.D

Acq: 18 Jun 2024 18:22

Instrument :

MSVOA_V

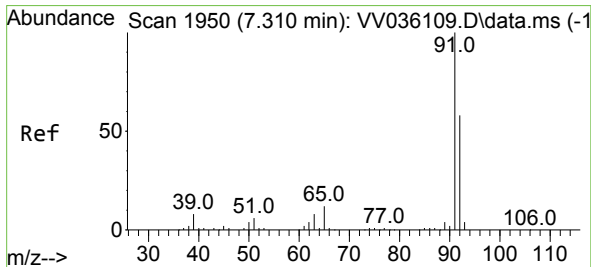
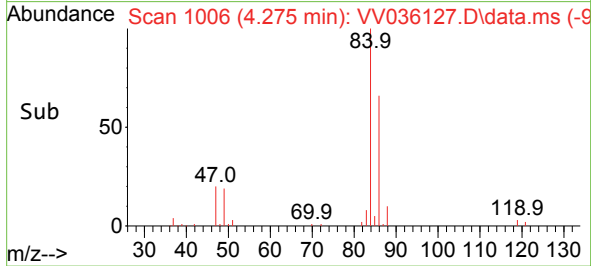
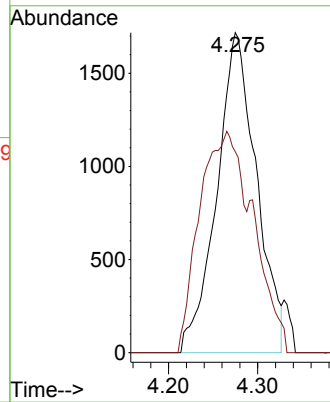
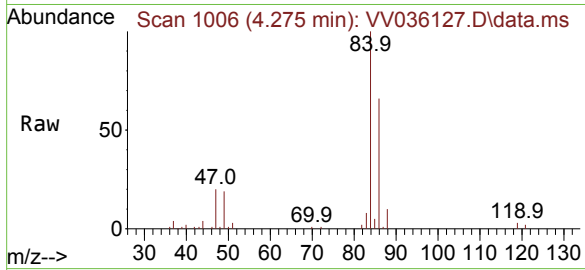
ClientSampleId :

Tgt Ion: 83 Resp: 5294

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0



#42

Toluene

Concen: 0.408 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.022 min

Lab File: VV036127.D

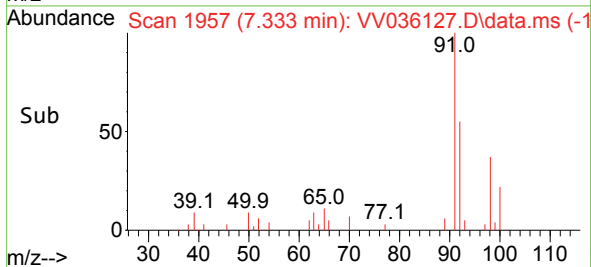
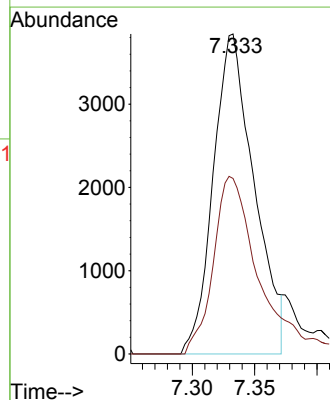
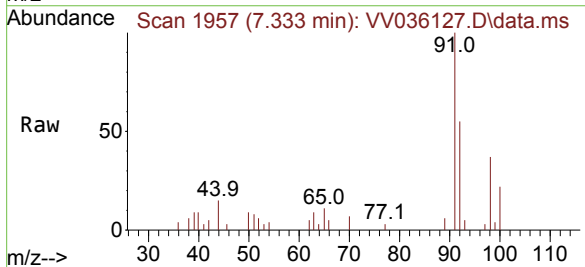
Acq: 18 Jun 2024 18:22

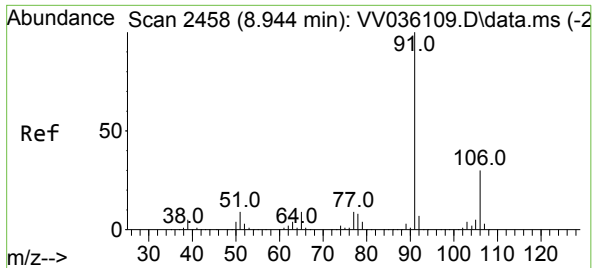
Tgt Ion: 91 Resp: 8760

Ion Ratio Lower Upper

91 100

92 54.9 40.6 75.4

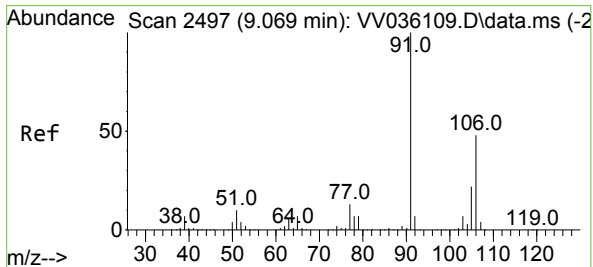
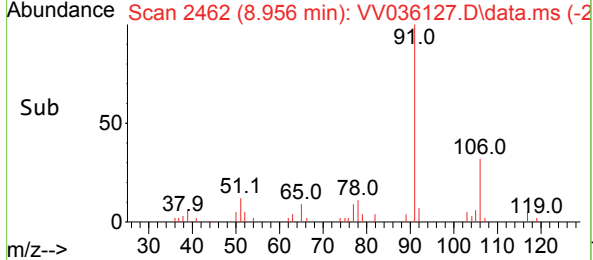
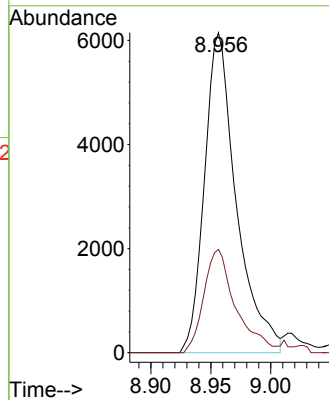
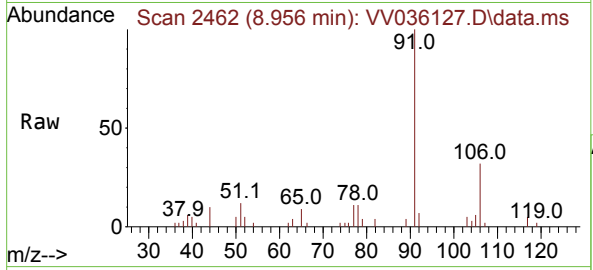




#52
Ethylbenzene
Concen: 0.495 ug/L
RT: 8.956 min Scan# 2458
Delta R.T. 0.013 min
Lab File: VV036127.D
Acq: 18 Jun 2024 18:22

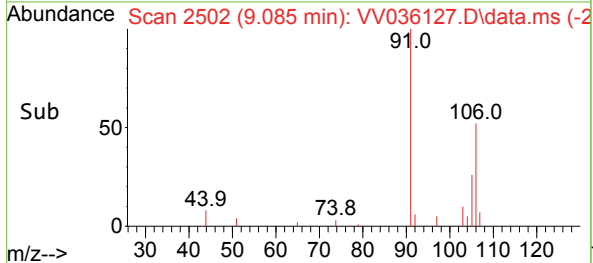
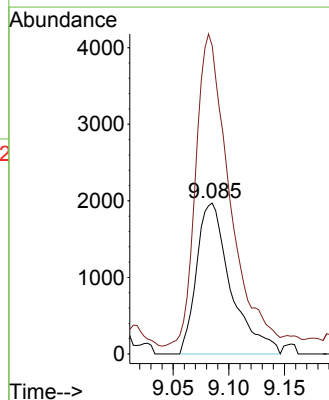
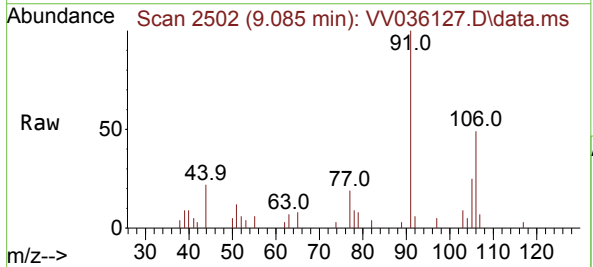
Instrument :
MSVOA_V
ClientSampleId :

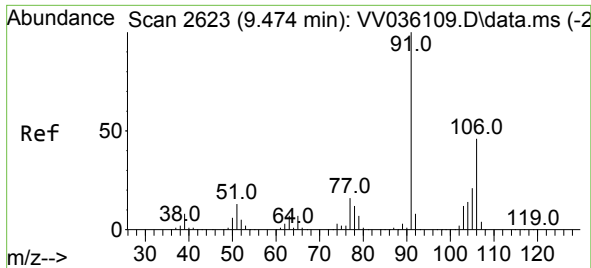
Tgt Ion: 91 Resp: 11368
Ion Ratio Lower Upper
91 100
106 32.2 21.6 40.0



#53
m,p-Xylene
Concen: 0.488 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.016 min
Lab File: VV036127.D
Acq: 18 Jun 2024 18:22

Tgt Ion: 106 Resp: 4210
Ion Ratio Lower Upper
106 100
91 204.3 143.1 265.9

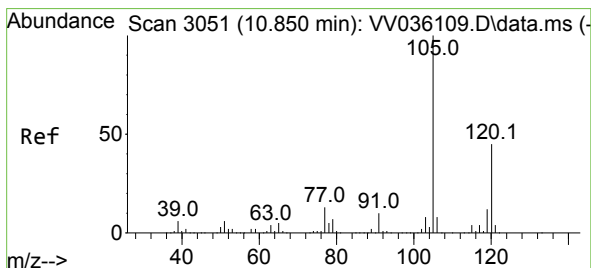
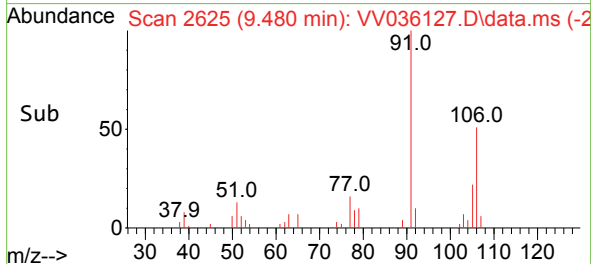
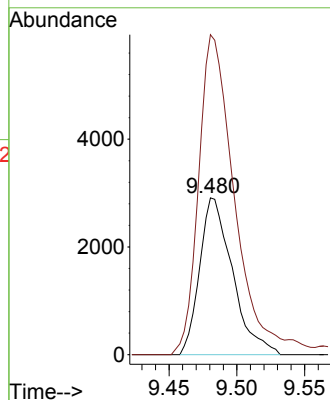
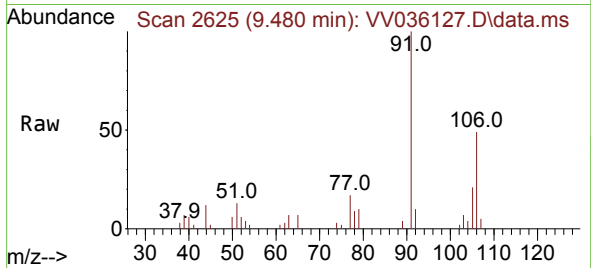




#54
o-Xylene
Concen: 0.604 ug/L
RT: 9.480 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV036127.D
Acq: 18 Jun 2024 18:22

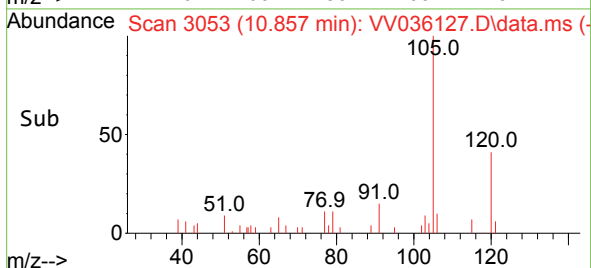
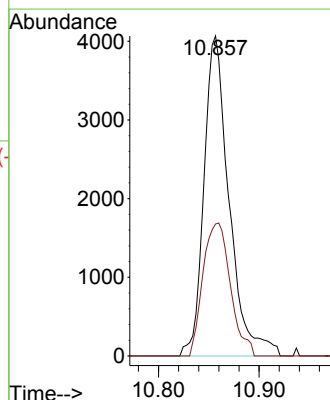
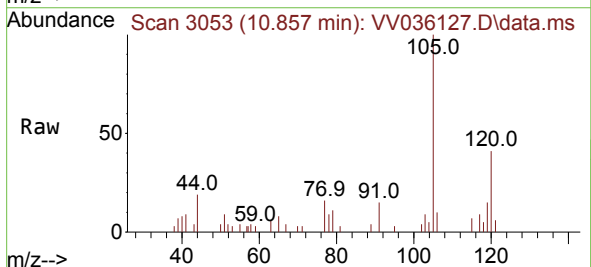
Instrument :
MSVOA_V
ClientSampleId :

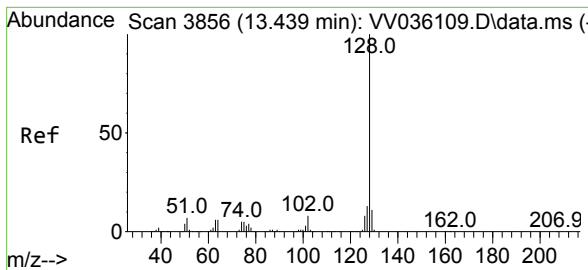
Tgt Ion:106 Resp: 4916
Ion Ratio Lower Upper
106 100
91 204.2 154.5 286.9



#63
1,2,4-Trimethylbenzene
Concen: 0.483 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV036127.D
Acq: 18 Jun 2024 18:22

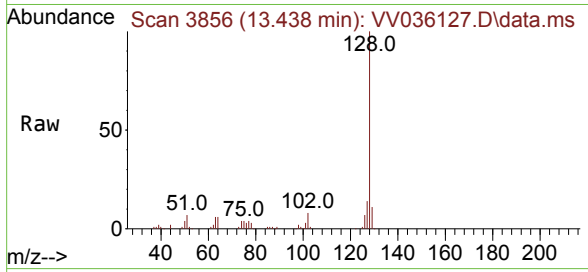
Tgt Ion:105 Resp: 7067
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4





#71
Naphthalene
Concen: 8.557 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV036127.D
Acq: 18 Jun 2024 18:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.5	8.8	13.2

