

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080724\
 Data File : VV036836.D
 Acq On : 07 Aug 2024 14:19
 Operator : SY/MD
 Sample : P3433-06
 Misc : 1.06gm/5.00mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 02:38:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 02:35:03 2024
 Response via : Initial Calibration

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

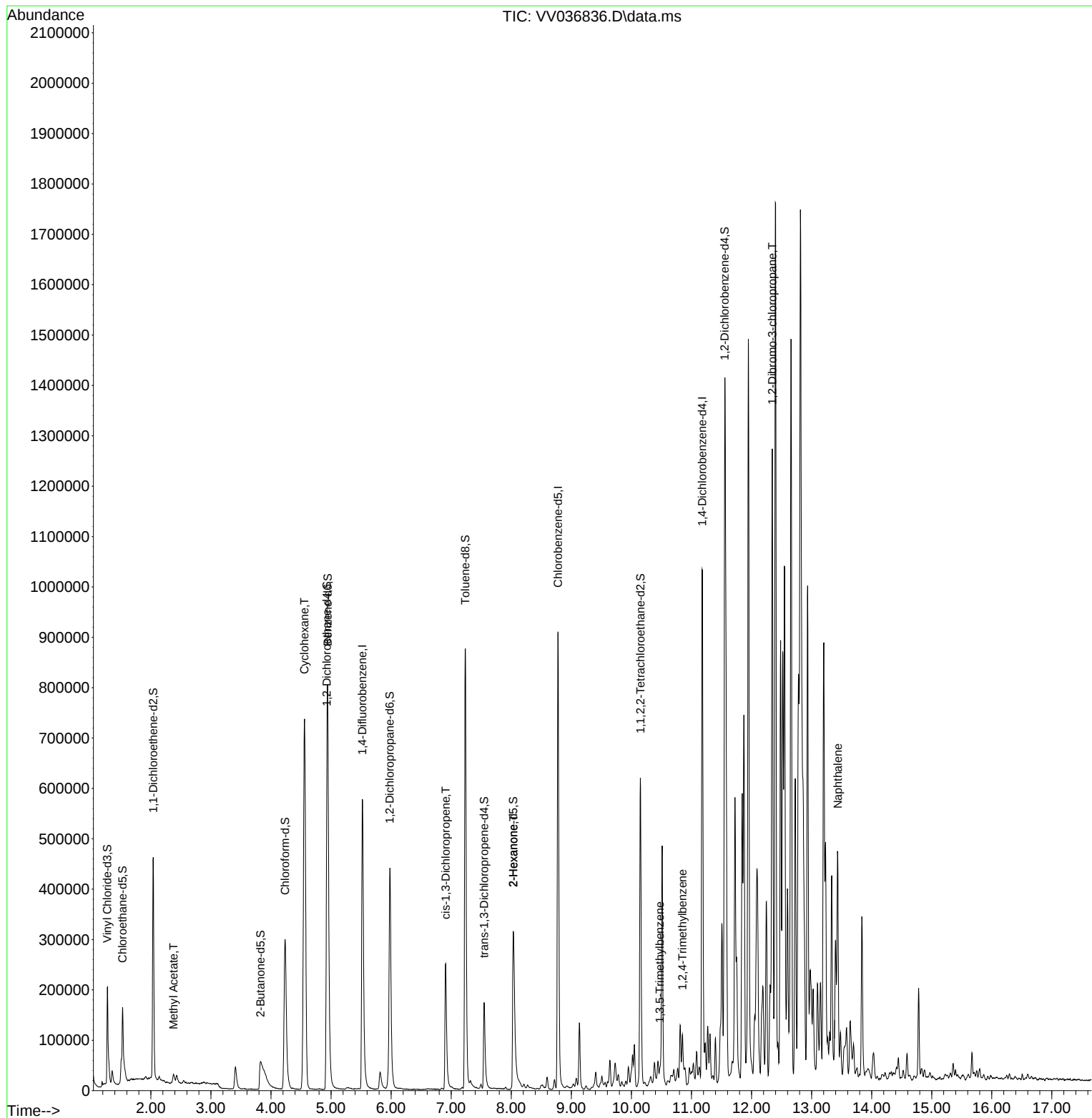
Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	520834	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	495408	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	254775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	176932	42.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.060%
7) Chloroethane-d5	1.529	69	139888	42.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	2.040	65	76105	42.769	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.540%
21) 2-Butanone-d5	3.825	46	202207	91.742	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.740%
24) Chloroform-d	4.236	84	339852	45.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.040%
26) 1,2-Dichloroethane-d4	4.931	65	229016	47.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	4.944	84	687740	45.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	5.979	67	228742	47.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.236	98	607298	44.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	7.548	79	110012	43.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.580%
47) 2-Hexanone-d5	8.034	63	149264	107.539	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	266675	48.112	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.220%
66) 1,2-Dichlorobenzene-d4	11.554	152	249936	48.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.378	43	27043	7.119	ug/L	100
29) Cyclohexane	4.558	56	437697	69.343	ug/L	99
39) cis-1,3-Dichloropropene	6.908	75	6901	1.027	ug/L #	62
48) 2-Hexanone	8.037	43	20150	5.633	ug/L #	44
62) 1,3,5-Trimethylbenzene	10.474	105	14486	0.938	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	48770	3.155	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.345	75	5522	4.166	ug/L #	8
71) Naphthalene	13.435	128	300912	17.285	ug/L	99

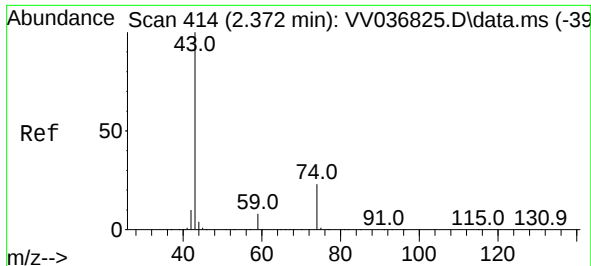
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methyl Acetate

Concen: 7.119 ug/L

RT: 2.378 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV036836.D

Acq: 07 Aug 2024 14:19

Instrument :

MSVOA_V

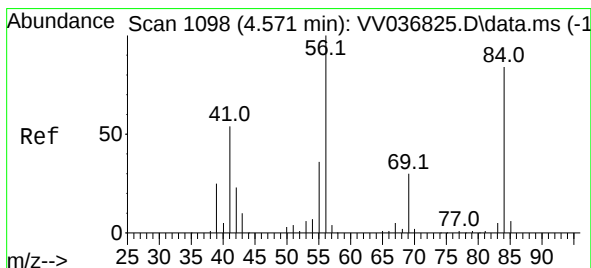
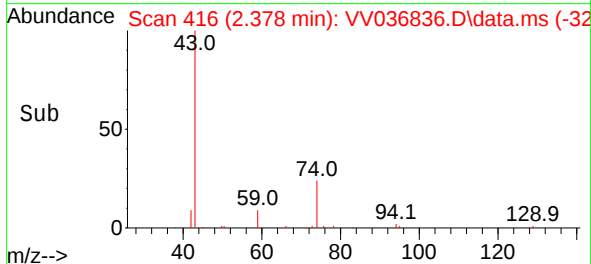
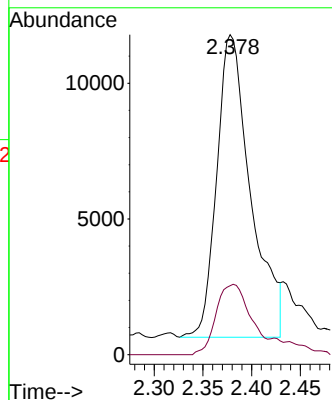
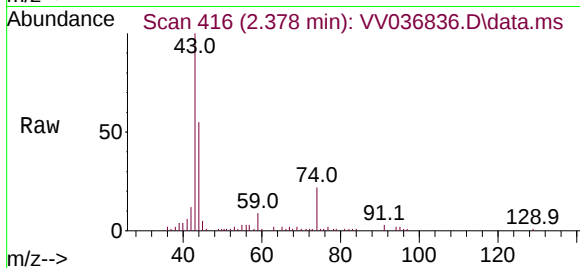
ClientSampleId :

Tgt Ion: 43 Resp: 27043

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.4



#29

Cyclohexane

Concen: 69.343 ug/L

RT: 4.558 min Scan# 1094

Delta R.T. -0.013 min

Lab File: VV036836.D

Acq: 07 Aug 2024 14:19

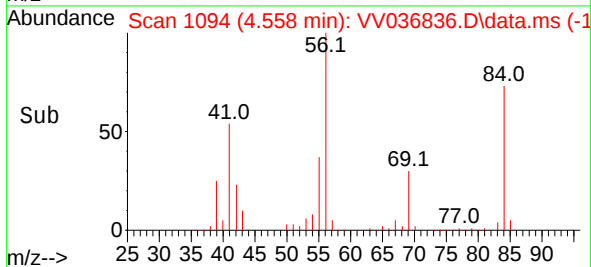
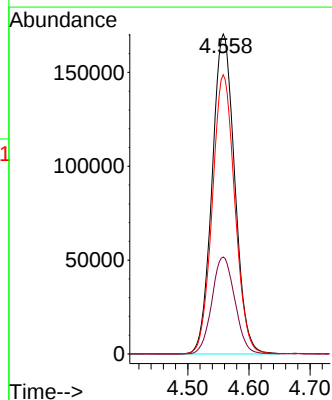
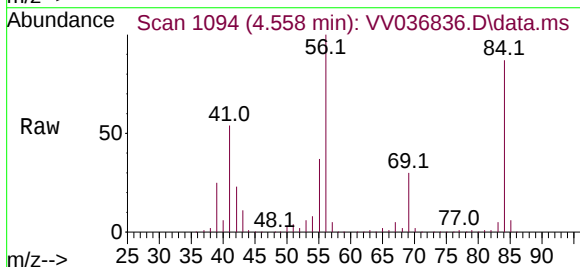
Tgt Ion: 56 Resp: 437697

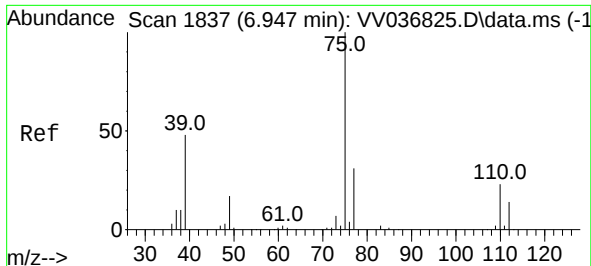
Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 86.7 68.5 102.7

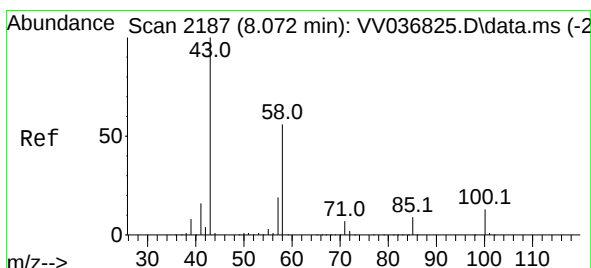
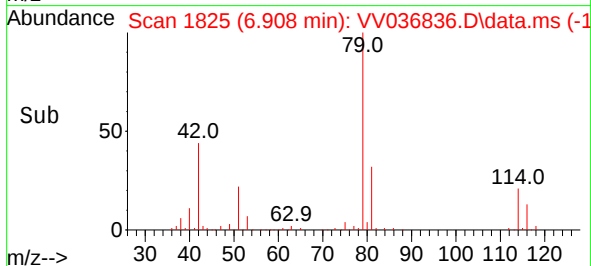
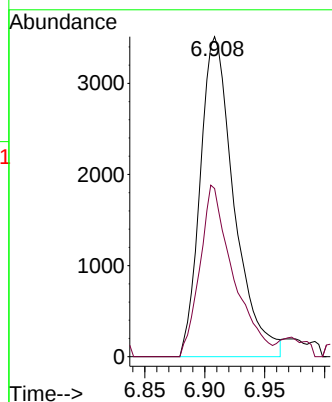
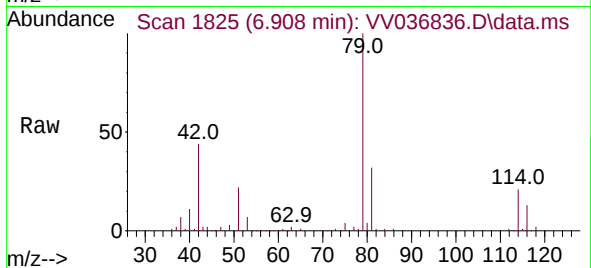




#39
cis-1,3-Dichloropropene
Concen: 1.027 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.039 min
Lab File: VV036836.D
Acq: 07 Aug 2024 14:19

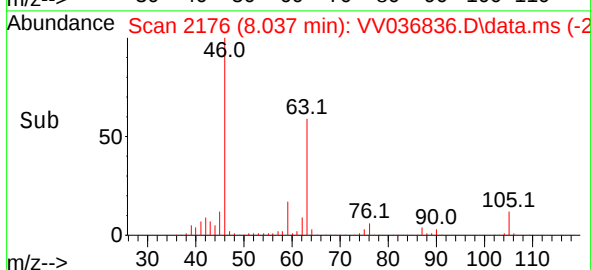
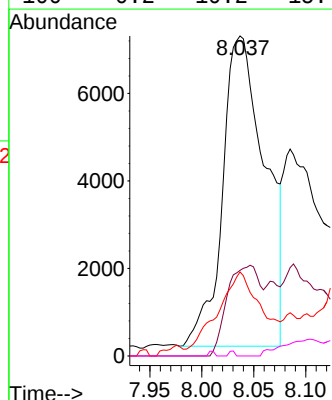
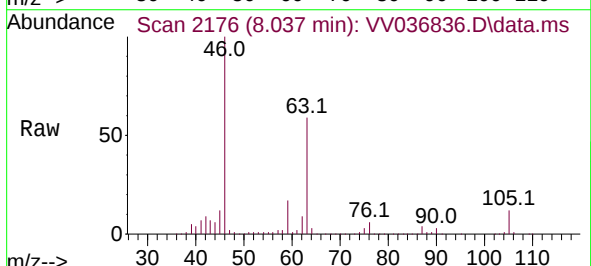
Instrument :
MSVOA_V
ClientSampleId :

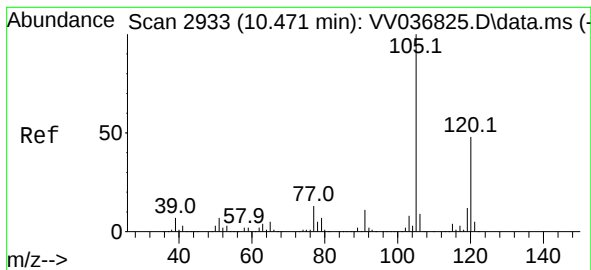
Tgt Ion: 75 Resp: 6901
Ion Ratio Lower Upper
75 100
77 52.5 22.2 41.2#



#48
2-Hexanone
Concen: 5.633 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.036 min
Lab File: VV036836.D
Acq: 07 Aug 2024 14:19

Tgt Ion: 43 Resp: 20150
Ion Ratio Lower Upper
43 100
58 0.0 44.7 67.1#
57 22.5 15.0 22.4#
100 0.2 10.2 15.4#

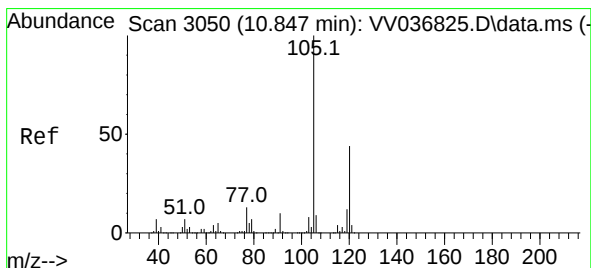
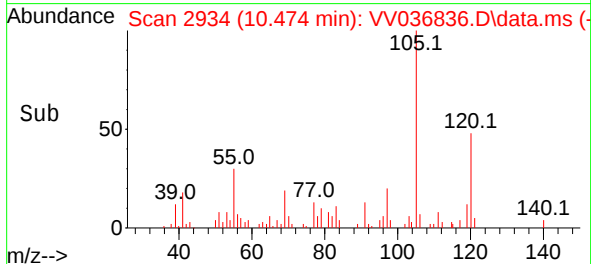
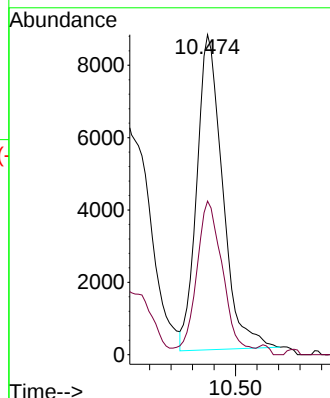
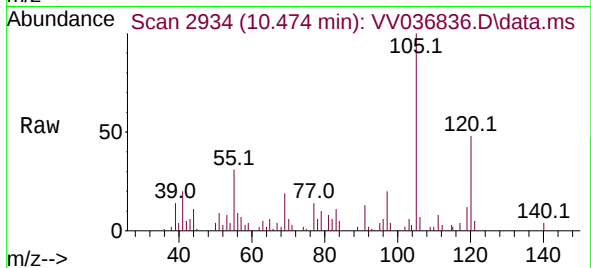




#62
1,3,5-Trimethylbenzene
Concen: 0.938 ug/L
RT: 10.474 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV036836.D
Acq: 07 Aug 2024 14:19

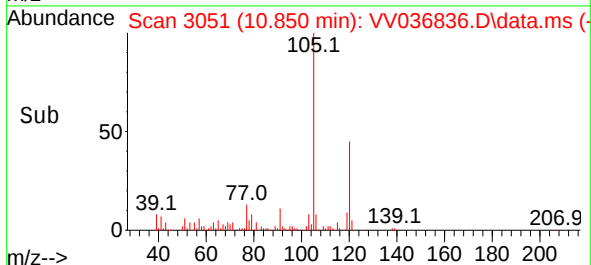
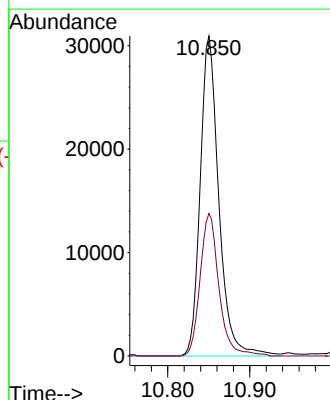
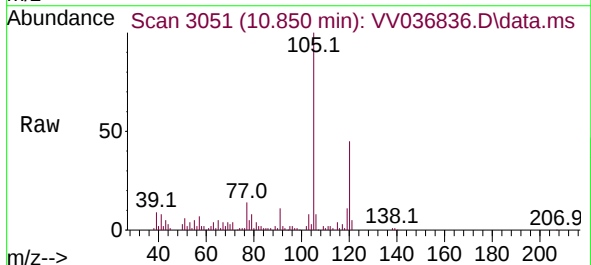
Instrument :
MSVOA_V
ClientSampleId :

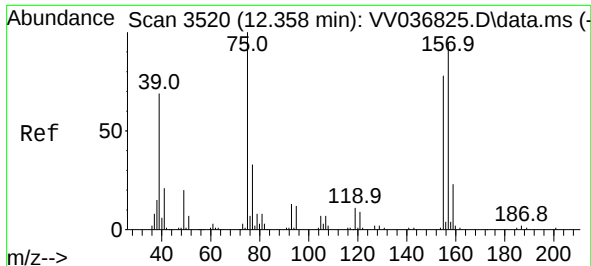
Tgt Ion:105 Resp: 14486
Ion Ratio Lower Upper
105 100
120 46.0 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 3.155 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV036836.D
Acq: 07 Aug 2024 14:19

Tgt Ion:105 Resp: 48770
Ion Ratio Lower Upper
105 100
120 45.1 35.6 53.4





#68

1,2-Dibromo-3-chloropropane

Concen: 4.166 ug/L

RT: 12.345 min Scan# 3516

Delta R.T. -0.013 min

Lab File: VV036836.D

Acq: 07 Aug 2024 14:19

Instrument :

MSVOA_V

ClientSampleId :

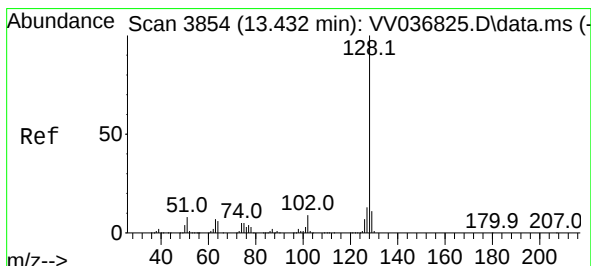
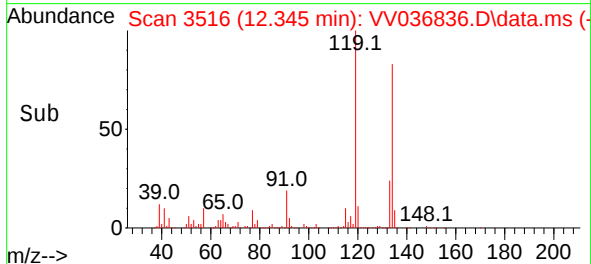
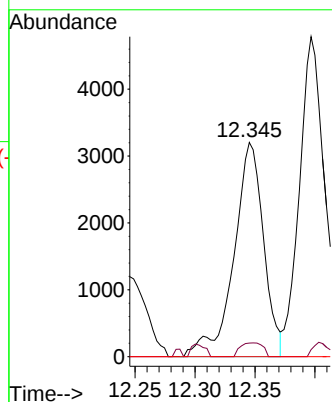
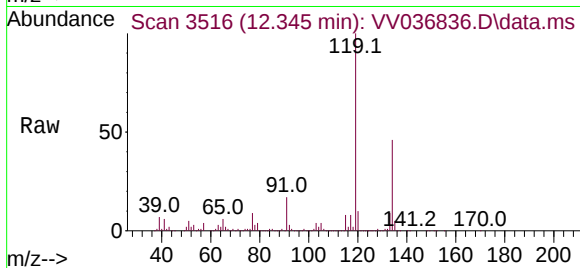
Tgt Ion: 75 Resp: 5522

Ion Ratio Lower Upper

75 100

155 6.3 59.5 89.3#

157 0.0 81.0 121.4#



#71

Naphthalene

Concen: 17.285 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV036836.D

Acq: 07 Aug 2024 14:19

Tgt Ion:128 Resp: 300912

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 9.7 8.7 13.1

