

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037126.D
 Acq On : 28 Aug 2024 12:47
 Operator : SY/MD
 Sample : P3693-24
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 04:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

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

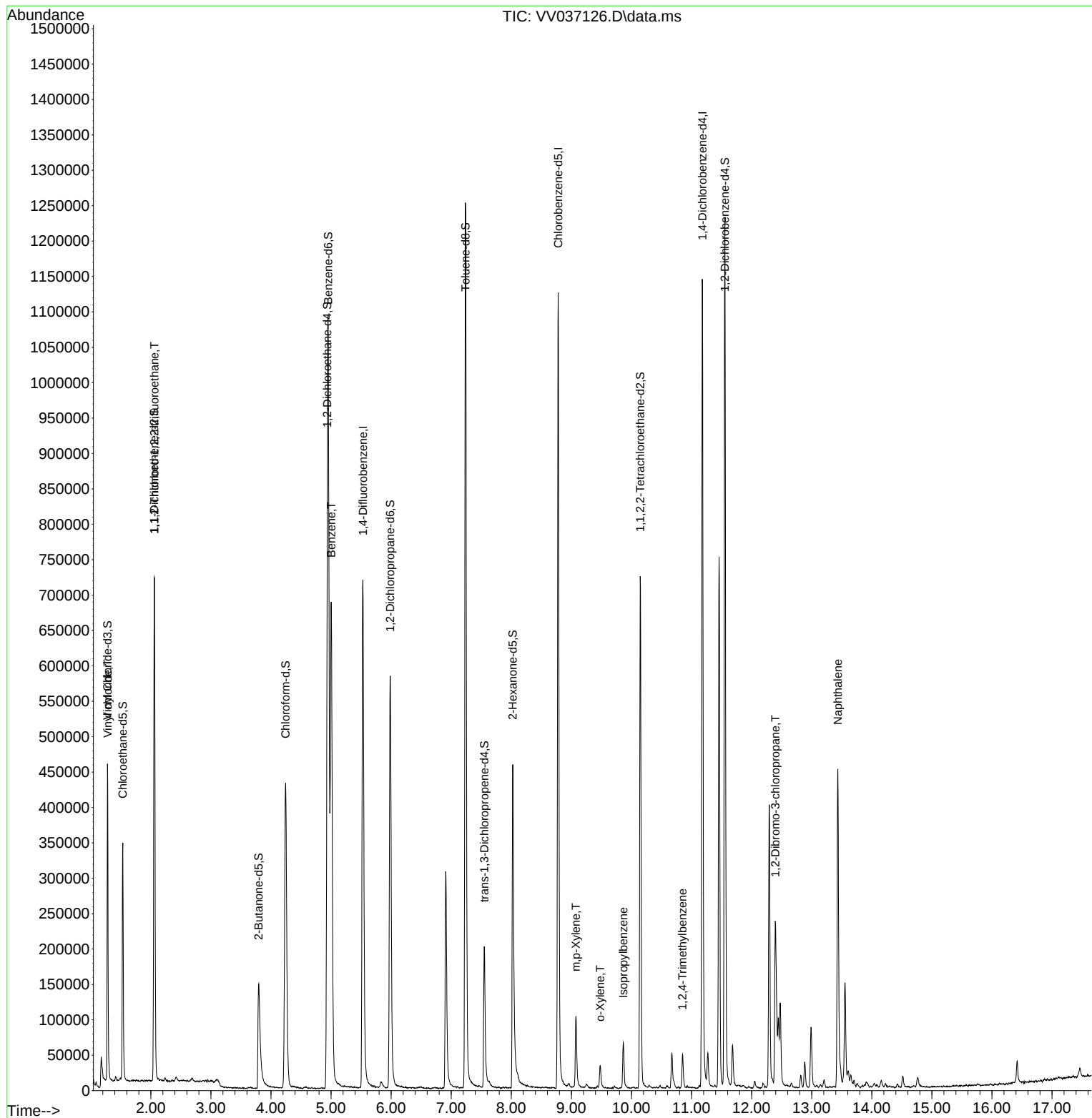
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	628377	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	588702	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	289749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	285128	49.604	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.200%	
7) Chloroethane-d5	1.532	69	222482	50.080	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.160%	
11) 1,1-Dichloroethene-d2	2.056	65	121728	50.385	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	100.760%	
21) 2-Butanone-d5	3.793	46	226760	101.870	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.870%	
24) Chloroform-d	4.243	84	454870	50.562	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.120%	
26) 1,2-Dichloroethane-d4	4.937	65	291695	51.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.980%	
32) Benzene-d6	4.953	84	923497	51.937	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.880%	
36) 1,2-Dichloropropane-d6	5.982	67	294051	52.799	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.600%	
41) Toluene-d8	7.236	98	821242	51.175	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.360%	
43) trans-1,3-Dichloroprop...	7.551	79	121969	47.337	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.680%	
47) 2-Hexanone-d5	8.024	63	156642	103.057	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.060%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346627	51.318	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.640%	
66) 1,2-Dichlorobenzene-d4	11.554	152	304284	52.435	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.860%	
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	6889	1.229	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3769	0.866	ug/L #	26
33) Benzene	5.002	78	702813	41.367	ug/L	100
53) m,p-Xylene	9.075	106	26180	3.536	ug/L	93
54) o-Xylene	9.477	106	9072	1.252	ug/L	87
60) Isopropylbenzene	9.863	105	40953	2.180	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	26235	1.711	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.394	75	6688	5.950	ug/L #	4
71) Naphthalene	13.435	128	333469	20.320	ug/L	100

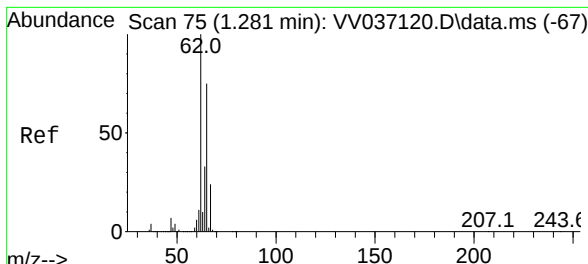
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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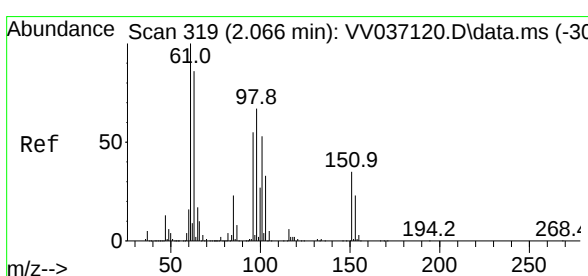
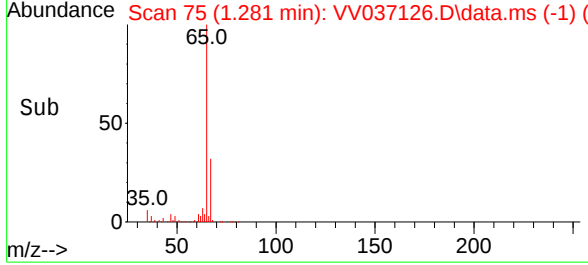
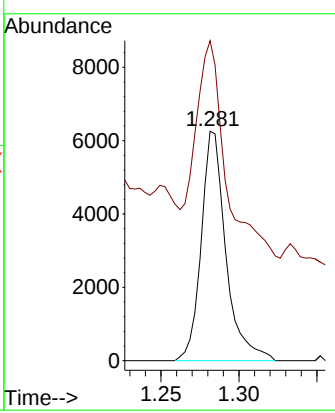
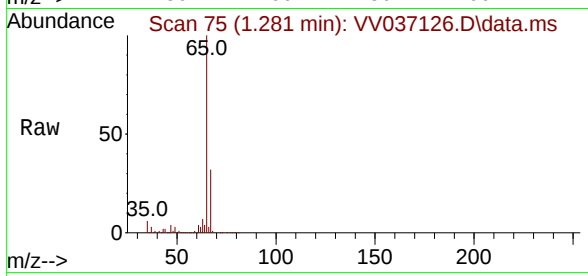




#5
 Vinyl chloride
 Concen: 1.229 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV037126.D
 Acq: 28 Aug 2024 12:47

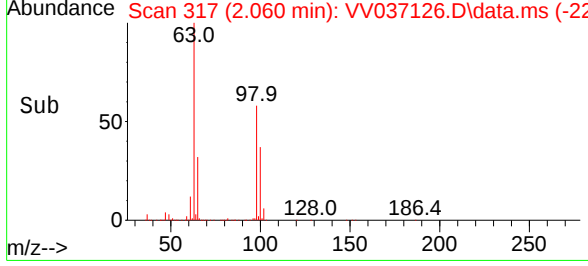
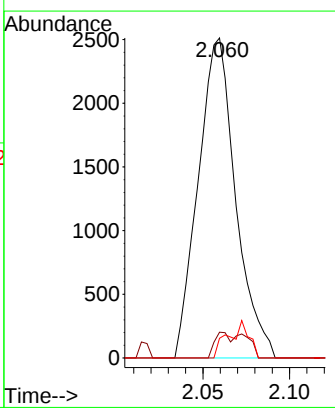
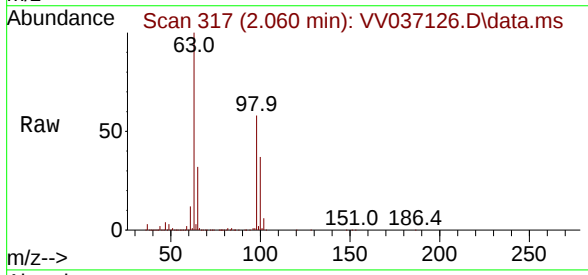
Instrument :
 MSVOA_V
 ClientSampleId :

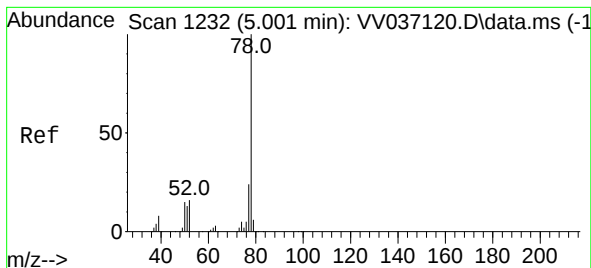
Tgt Ion:	62	Resp:	6889
Ion Ratio	Lower	Upper	
62	100		
64	139.5	22.8	42.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.866 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037126.D
 Acq: 28 Aug 2024 12:47

Tgt Ion:	101	Resp:	3769
Ion Ratio	Lower	Upper	
101	100		
85	3.3	35.6	53.4#
151	3.3	55.0	82.4#





#33

Benzene

Concen: 41.367 ug/L

RT: 5.002 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037126.D

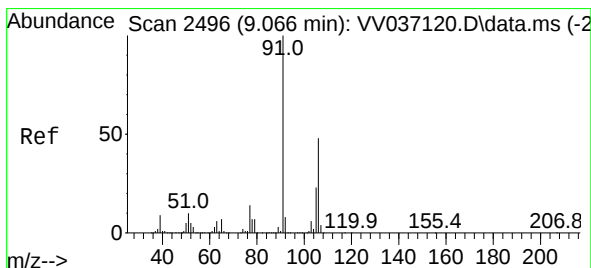
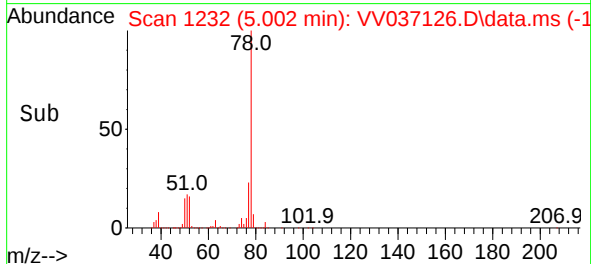
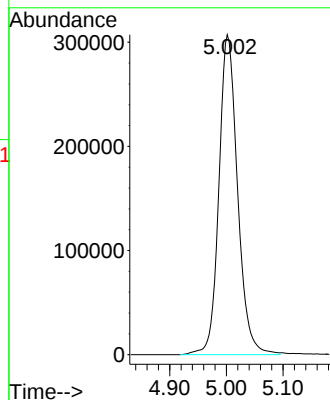
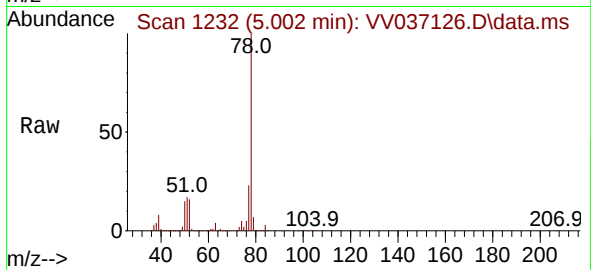
Acq: 28 Aug 2024 12:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 702813



#53

m,p-Xylene

Concen: 3.536 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.010 min

Lab File: VV037126.D

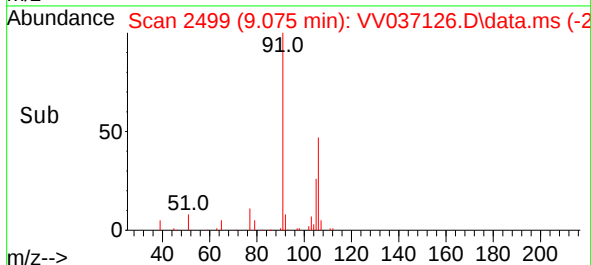
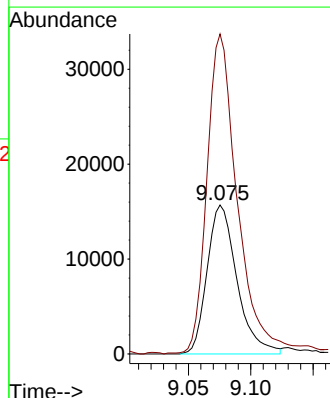
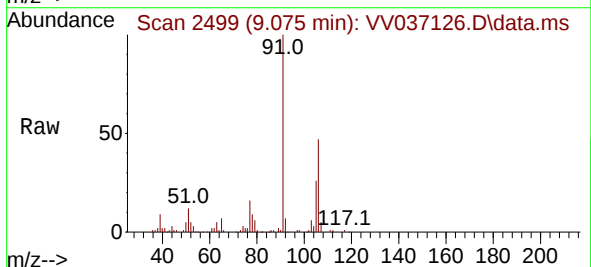
Acq: 28 Aug 2024 12:47

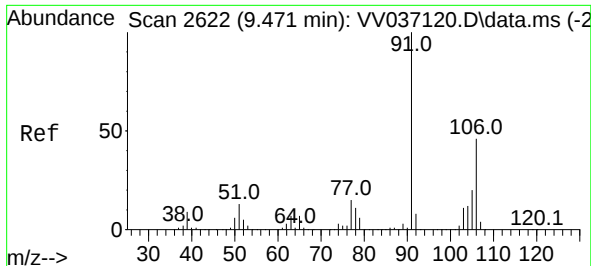
Tgt Ion:106 Resp: 26180

Ion Ratio Lower Upper

106 100

91 214.9 143.0 265.6

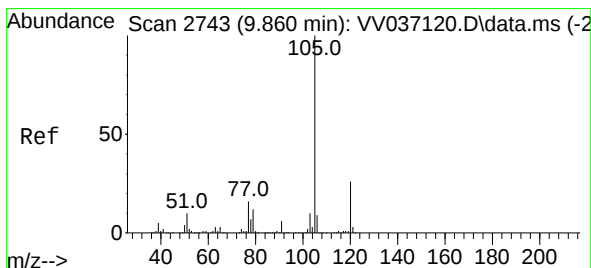
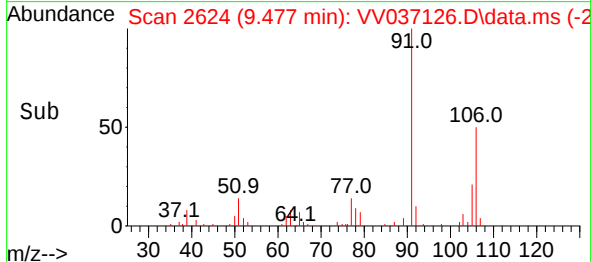
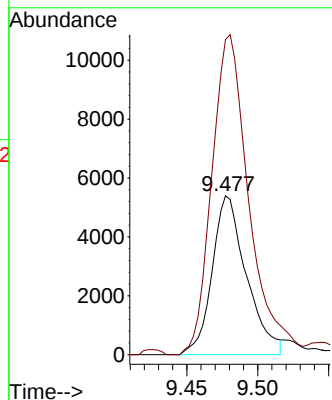
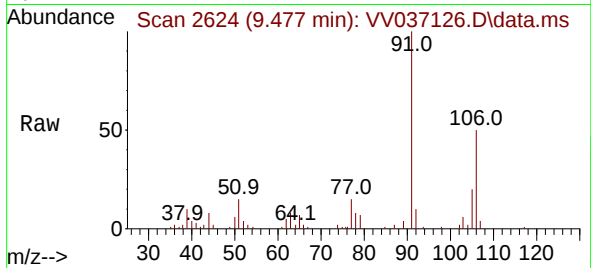




#54
o-Xylene
Concen: 1.252 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV037126.D
Acq: 28 Aug 2024 12:47

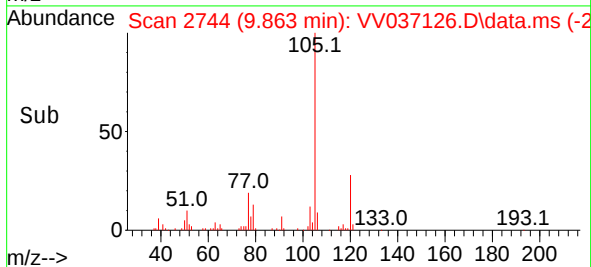
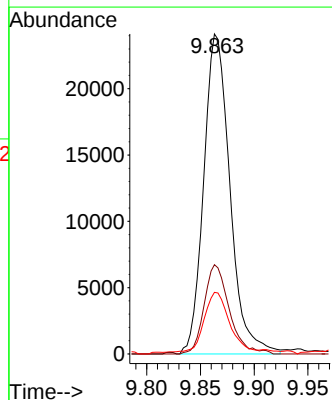
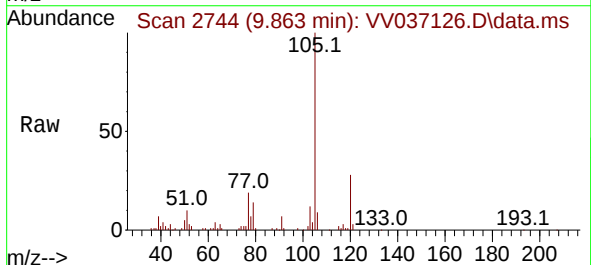
Instrument :
MSVOA_V
ClientSampleId :

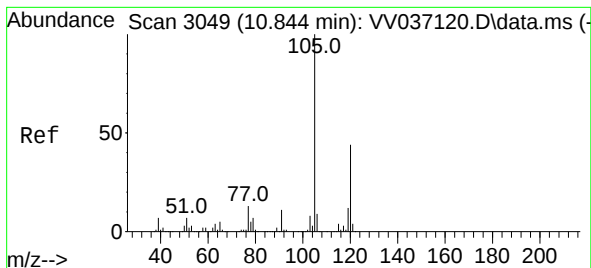
Tgt Ion:106 Resp: 9072
Ion Ratio Lower Upper
106 100
91 198.3 153.2 284.6



#60
Isopropylbenzene
Concen: 2.180 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VV037126.D
Acq: 28 Aug 2024 12:47

Tgt Ion:105 Resp: 40953
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 17.9 12.6 19.0





#63

1,2,4-Trimethylbenzene

Concen: 1.711 ug/L

RT: 10.850 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV037126.D

Acq: 28 Aug 2024 12:47

Instrument :

MSVOA_V

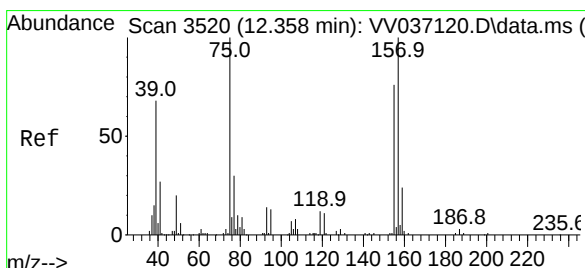
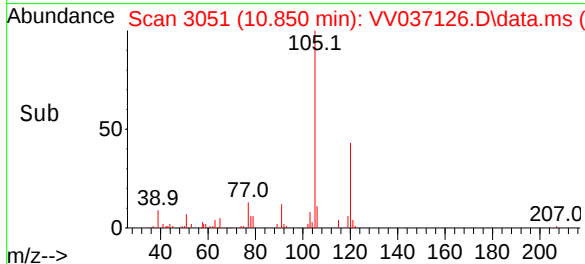
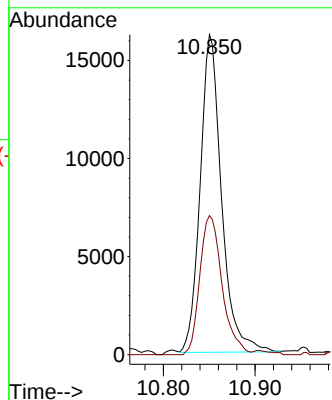
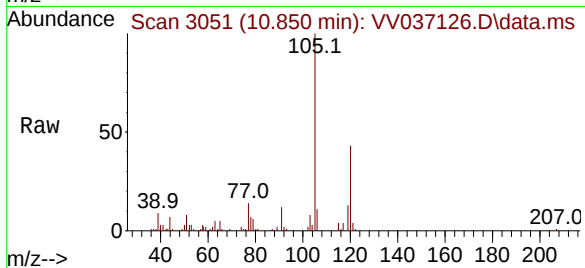
ClientSampleId :

Tgt Ion:105 Resp: 26235

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.950 ug/L

RT: 12.394 min Scan# 3531

Delta R.T. 0.035 min

Lab File: VV037126.D

Acq: 28 Aug 2024 12:47

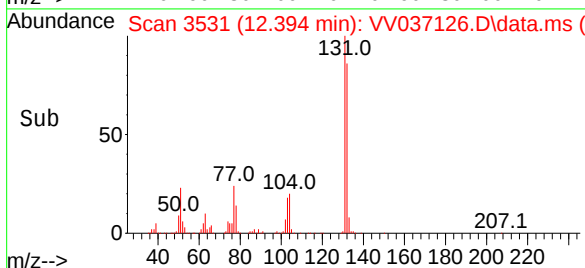
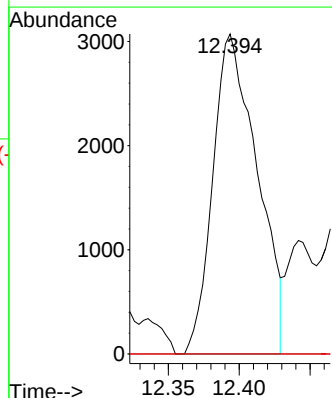
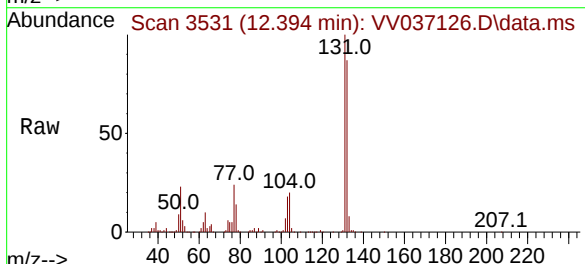
Tgt Ion: 75 Resp: 6688

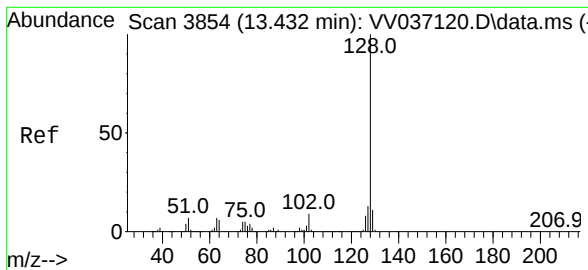
Ion Ratio Lower Upper

75 100

155 0.0 61.8 92.6#

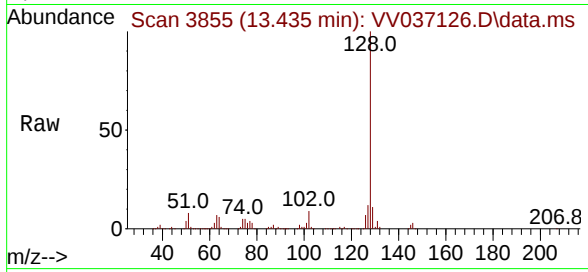
157 0.0 82.5 123.7#





#71
Naphthalene
Concen: 20.320 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV037126.D
Acq: 28 Aug 2024 12:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 333469
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

