

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037613.D
 Acq On : 27 Sep 2024 17:46
 Operator : SY/MD
 Sample : P4184-16DL 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:52:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

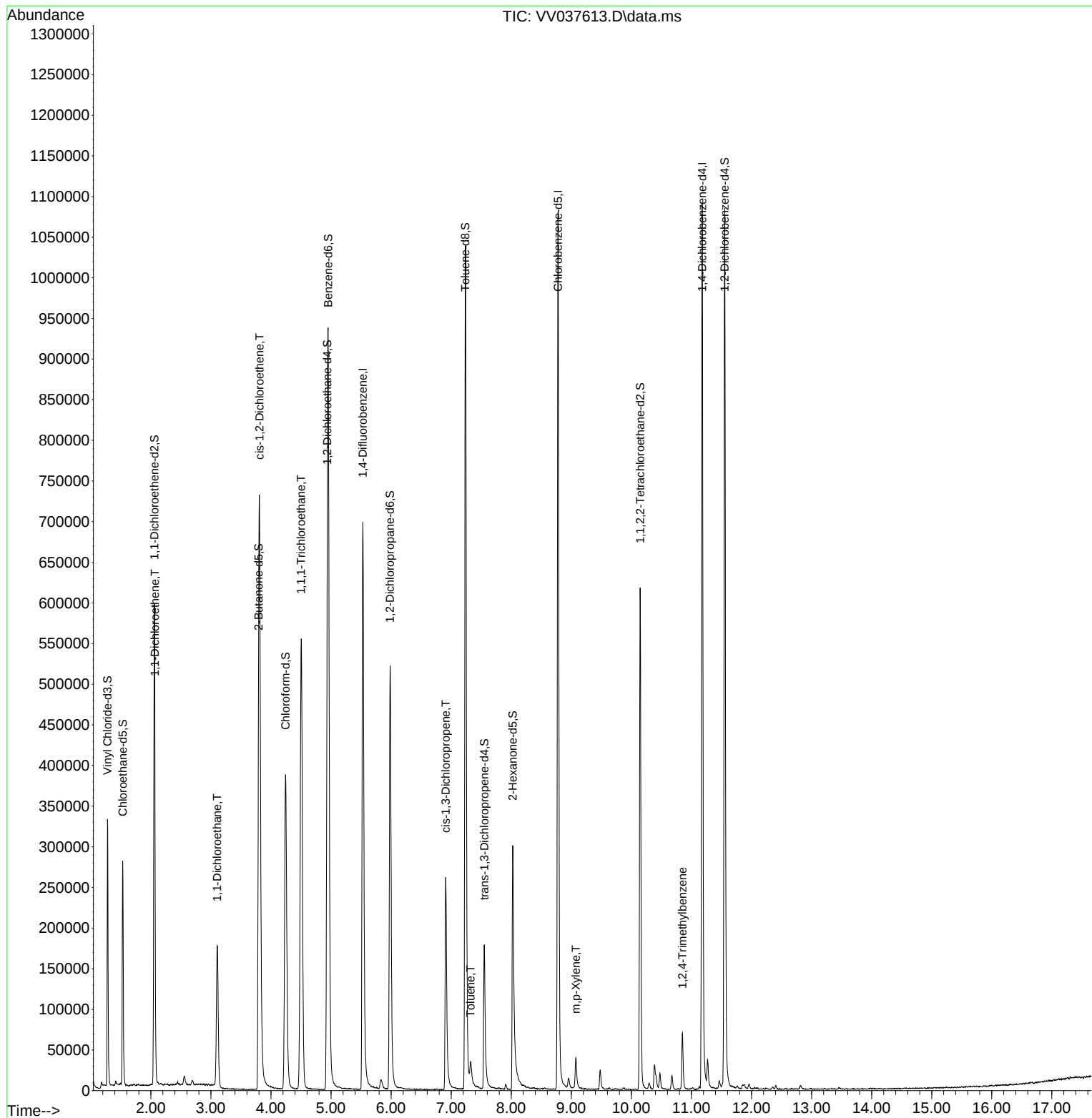
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	627831	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	290881	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	217404	39.447	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.900%	
7) Chloroethane-d5	1.532	69	181966	42.536	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.080%	
11) 1,1-Dichloroethene-d2	2.060	65	98977	42.985	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.980%	
21) 2-Butanone-d5	3.793	46	182498	92.967	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	92.970%	
24) Chloroform-d	4.243	84	414829	42.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.620%	
26) 1,2-Dichloroethane-d4	4.937	65	251595	43.837	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.680%	
32) Benzene-d6	4.953	84	828760	43.737	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.480%	
36) 1,2-Dichloropropane-d6	5.982	67	266533	44.173	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.340%	
41) Toluene-d8	7.236	98	721590	41.997	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.551	79	110448	39.404	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.800%	
47) 2-Hexanone-d5	8.024	63	105233	82.595	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.590%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	301177	42.959	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.920%	
66) 1,2-Dichlorobenzene-d4	11.554	152	282822	46.142	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.280%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	7353	1.759	ug/L #	1
19) 1,1-Dichloroethane	3.105	63	171846	20.284	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	371425	75.062	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	467151	62.637	ug/L	99
39) cis-1,3-Dichloropropene	6.908	75	7047	0.936	ug/L #	55
42) Toluene	7.323	91	25714	1.358	ug/L	99
53) m,p-Xylene	9.075	106	11578	1.460	ug/L	88
63) 1,2,4-Trimethylbenzene	10.850	105	41207	2.770	ug/L	98

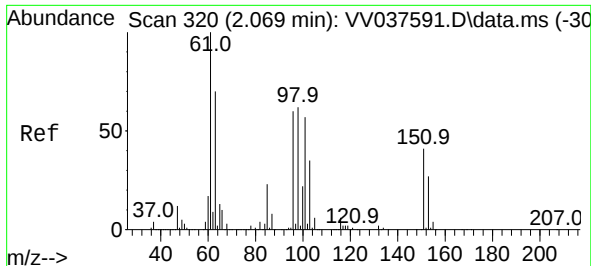
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.759 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

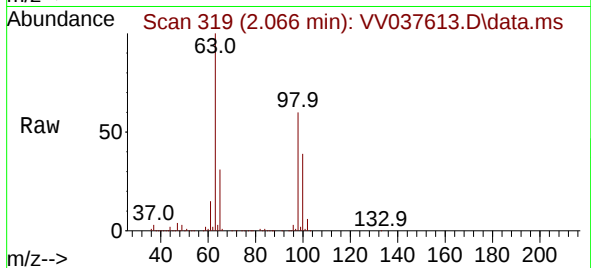
Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :



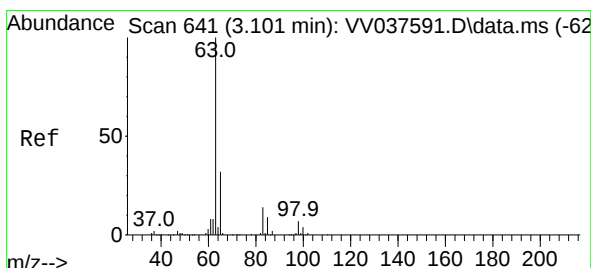
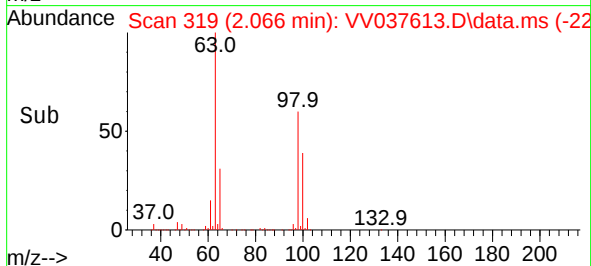
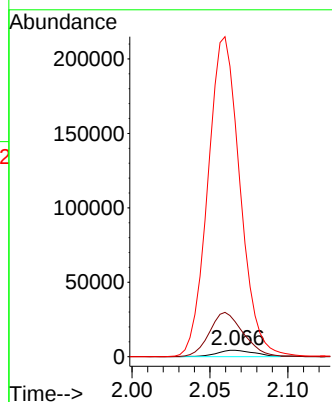
Tgt Ion: 96 Resp: 7353

Ion Ratio Lower Upper

96 100

61 546.5 122.6 227.6#

63 3676.7 118.0 219.2#



#19

1,1-Dichloroethane

Concen: 20.284 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

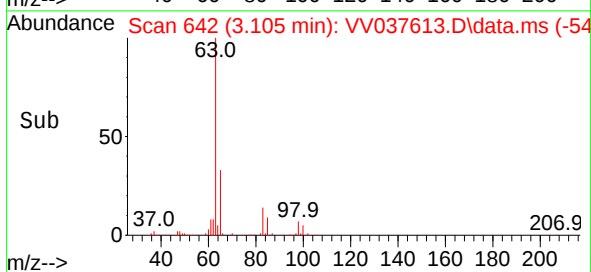
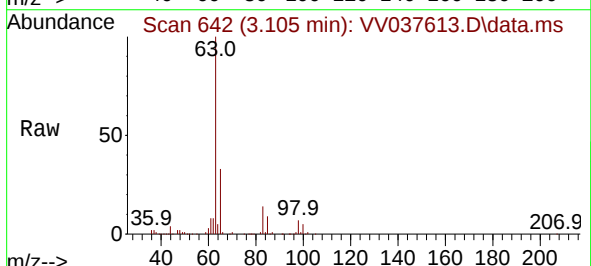
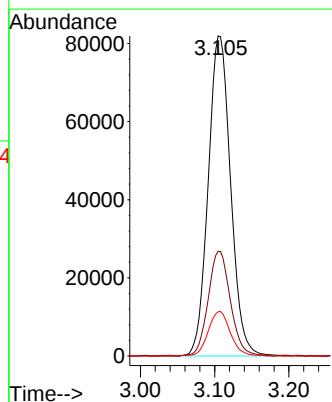
Tgt Ion: 63 Resp: 171846

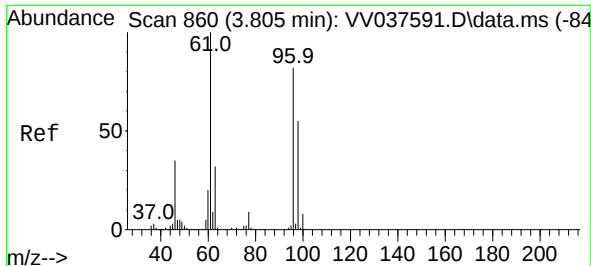
Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 13.8 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 75.062 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

Instrument :

MSVOA_V

ClientSampleId :

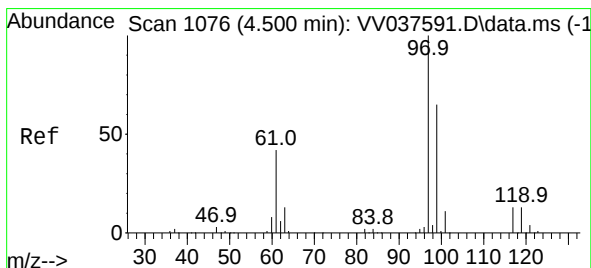
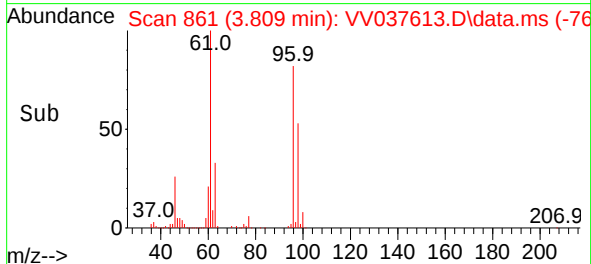
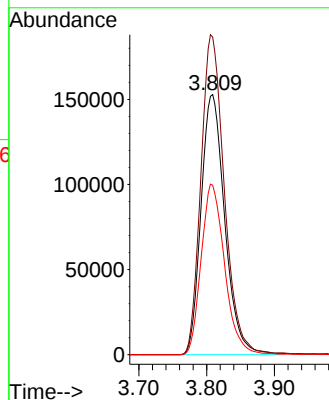
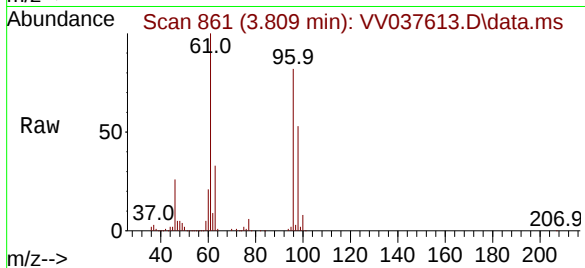
Tgt Ion: 96 Resp: 371425

Ion Ratio Lower Upper

96 100

61 122.1 85.0 157.8

98 65.2 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 62.637 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

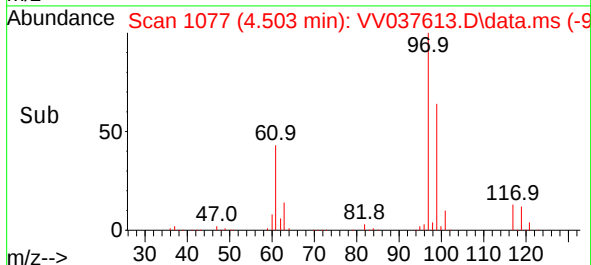
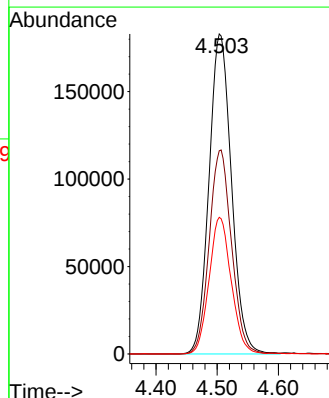
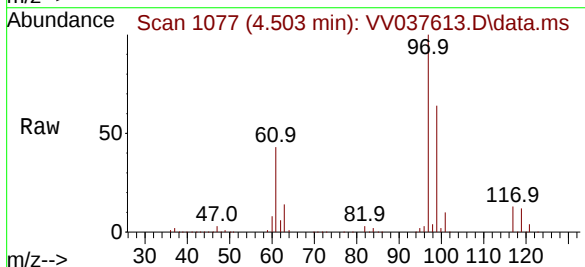
Tgt Ion: 97 Resp: 467151

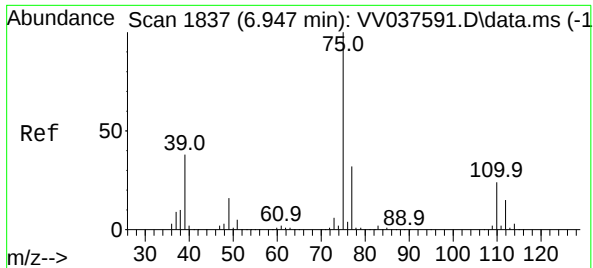
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 42.1 33.6 50.4

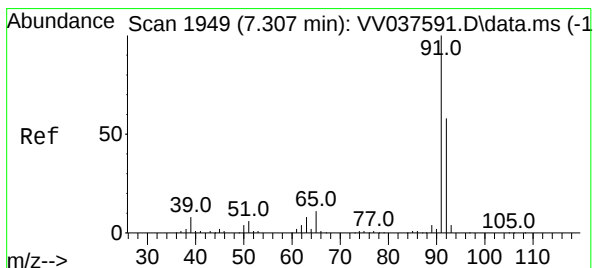
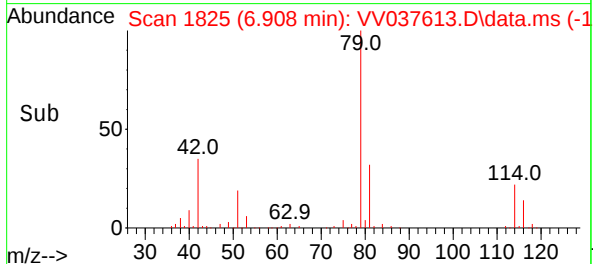
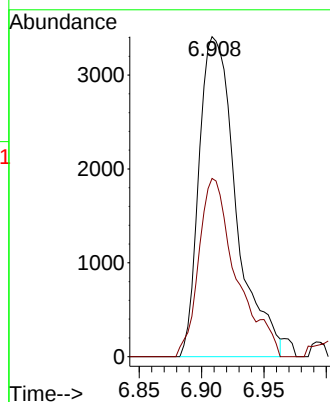
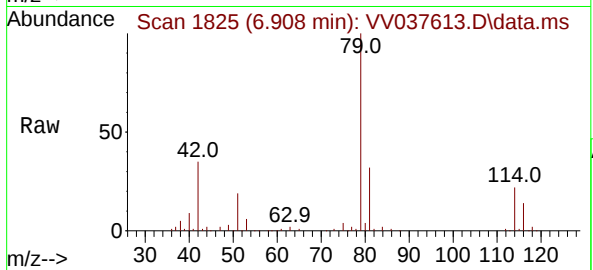




#39
 cis-1,3-Dichloropropene
 Concen: 0.936 ug/L
 RT: 6.908 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV037613.D
 Acq: 27 Sep 2024 17:46

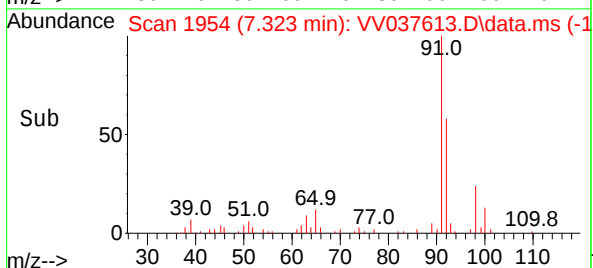
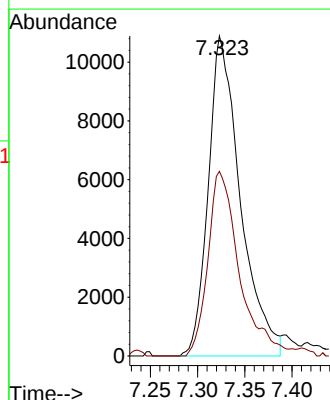
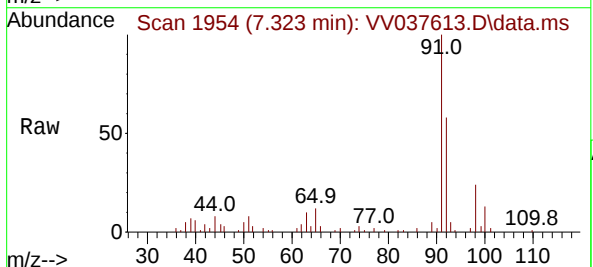
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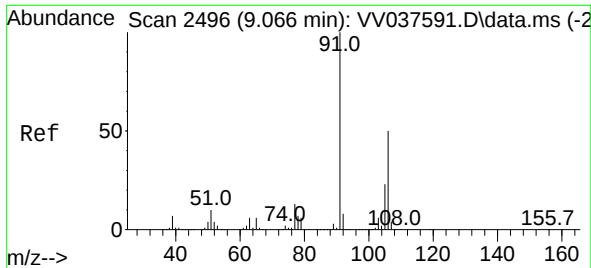
Tgt Ion: 75 Resp: 7047
 Ion Ratio Lower Upper
 75 100
 77 55.7 21.8 40.4#



#42
 Toluene
 Concen: 1.358 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.016 min
 Lab File: VV037613.D
 Acq: 27 Sep 2024 17:46

Tgt Ion: 91 Resp: 25714
 Ion Ratio Lower Upper
 91 100
 92 57.7 41.1 76.3





#53

m,p-Xylene

Concen: 1.460 ug/L

RT: 9.075 min Scan# 2496

Delta R.T. 0.010 min

Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

Instrument :

MSVOA_V

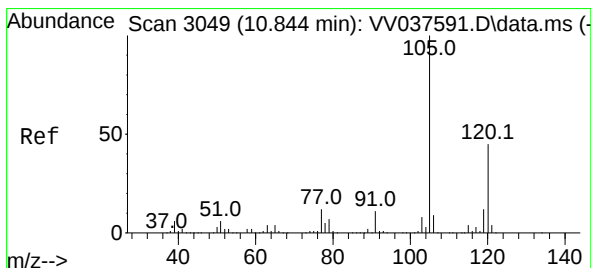
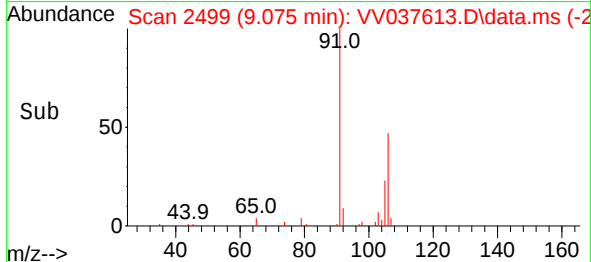
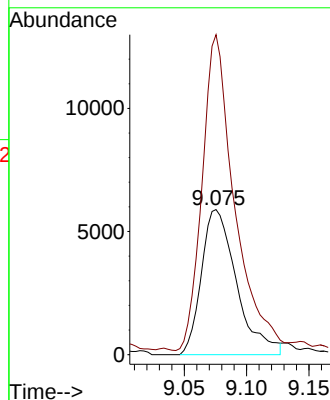
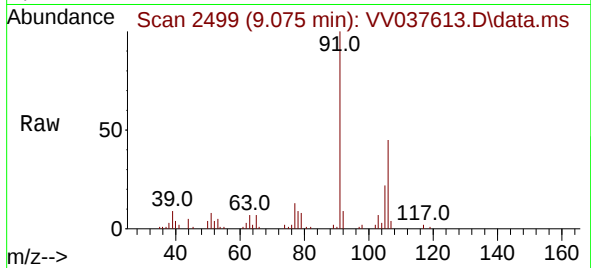
ClientSampleId :

Tgt Ion:106 Resp: 11578

Ion Ratio Lower Upper

106 100

91 220.5 142.0 263.6



#63

1,2,4-Trimethylbenzene

Concen: 2.770 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.007 min

Lab File: VV037613.D

Acq: 27 Sep 2024 17:46

Tgt Ion:105 Resp: 41207

Ion Ratio Lower Upper

105 100

120 43.7 36.2 54.2

