

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036320.D
 Acq On : 27 Jun 2024 21:10
 Operator : SY/MD
 Sample : P3035-19
 Misc : 5.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 05:06:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

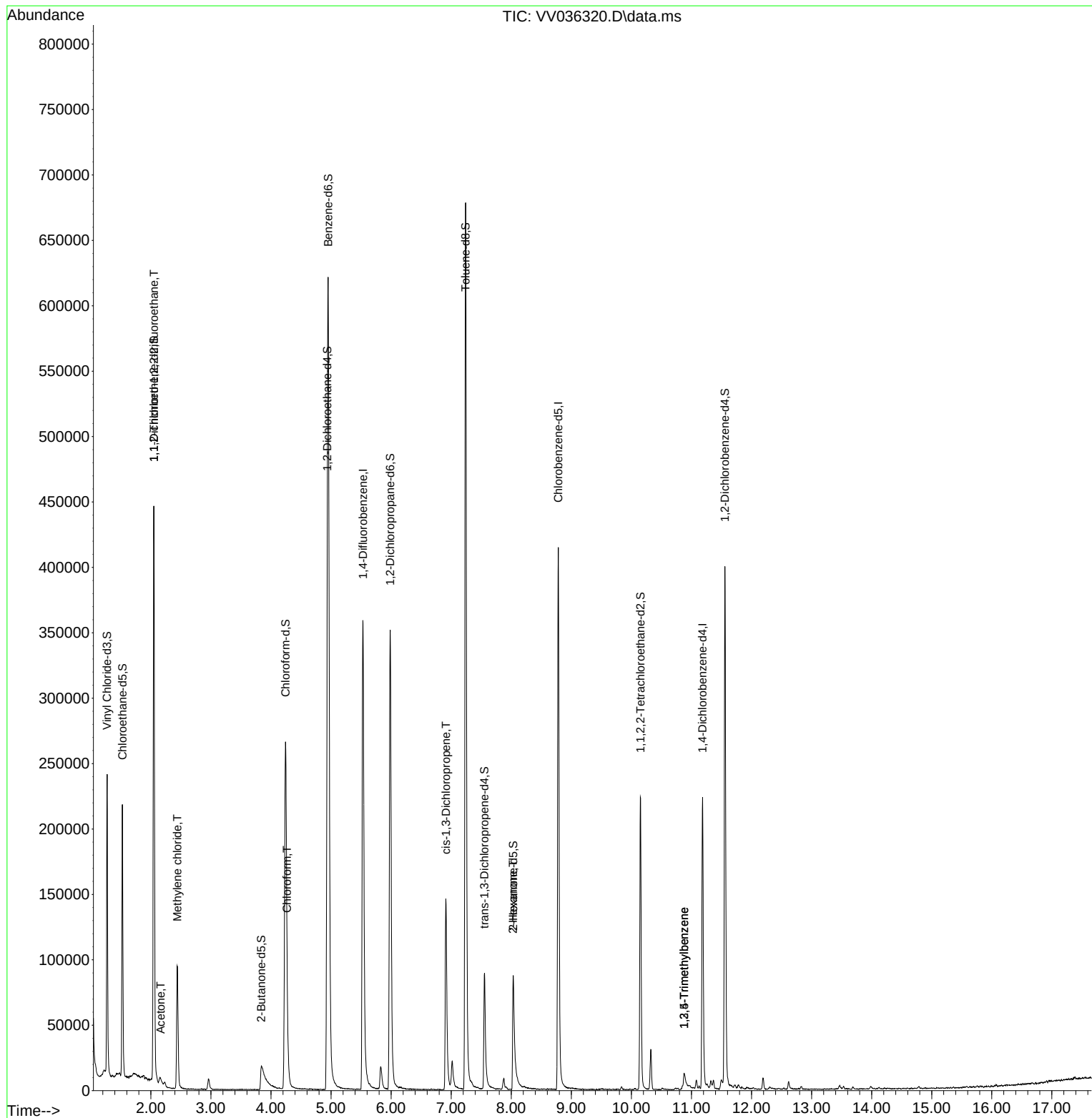
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	329768	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	240315	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	61340	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	151288	27.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.040%
7) Chloroethane-d5	1.526	69	135992	30.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.600%
11) 1,1-Dichloroethene-d2	2.050	65	73269	27.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	111.320%#
21) 2-Butanone-d5	3.838	46	13210	10.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	20.320%
24) Chloroform-d	4.243	84	292031	30.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	4.937	65	152847	29.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.760%
32) Benzene-d6	4.953	84	579012	42.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	170.720%#
36) 1,2-Dichloropropane-d6	5.985	67	179973	44.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	176.440%#
41) Toluene-d8	7.239	98	476806	38.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	155.920%#
43) trans-1,3-Dichloroprop...	7.555	79	56805	31.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.680%
47) 2-Hexanone-d5	8.034	63	34149	52.429	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	111194	33.244	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.960%#
66) 1,2-Dichlorobenzene-d4	11.558	152	105937	47.392	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	189.560%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2437	0.415	ug/L #	20
13) Acetone	2.162	43	16221	9.237	ug/L #	78
16) Methylene chloride	2.439	84	42878	6.605	ug/L	97
25) Chloroform	4.269	83	8437	0.863	ug/L	86
39) cis-1,3-Dichloropropene	6.911	75	3602	0.644	ug/L #	50
48) 2-Hexanone	8.030	43	4330	2.685	ug/L #	77
62) 1,3,5-Trimethylbenzene	10.879	105	5678	1.070	ug/L #	29
63) 1,2,4-Trimethylbenzene	10.879	105	5678	0.985	ug/L #	32

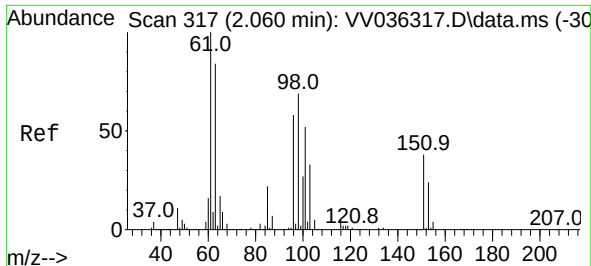
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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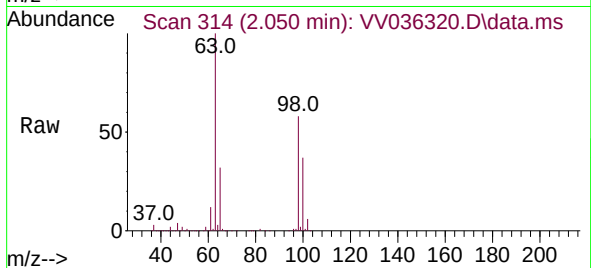
Quant Time: Jun 28 05:06:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 04:20:38 2024
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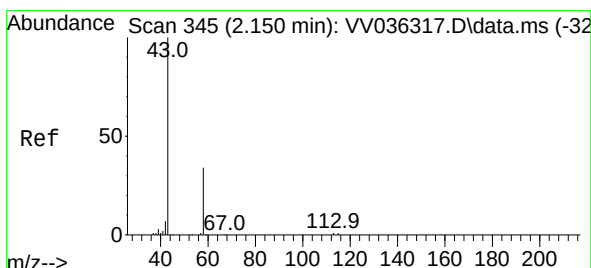
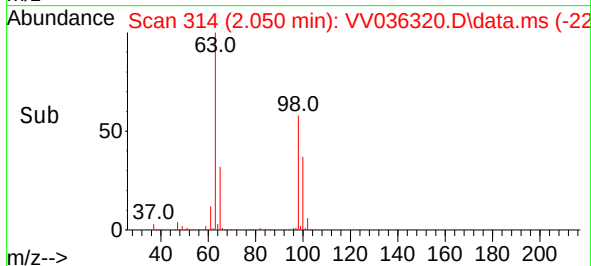
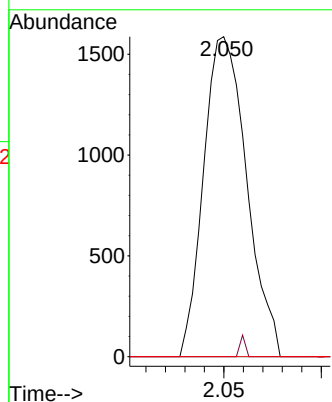


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.415 ug/L
RT: 2.050 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

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MSVOA_V
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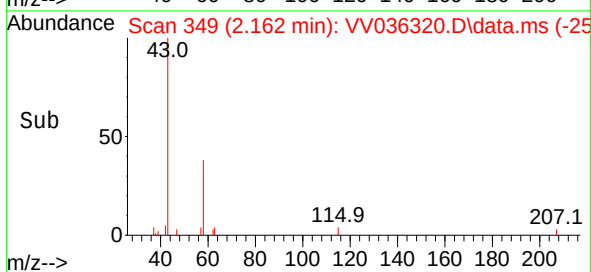
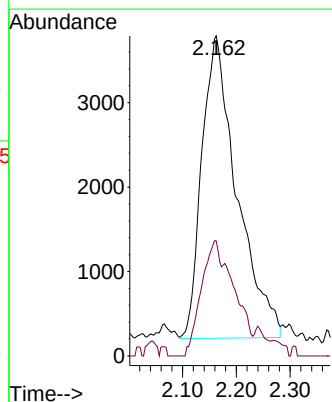
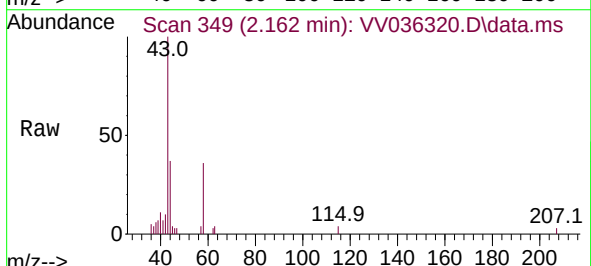


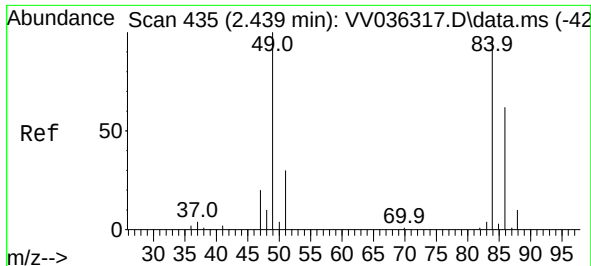
Tgt Ion:101 Resp: 2437
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 58.9 88.3#



#13
Acetone
Concen: 9.237 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.013 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

Tgt Ion: 43 Resp: 16221
Ion Ratio Lower Upper
43 100
58 20.7 0.0 0.6#

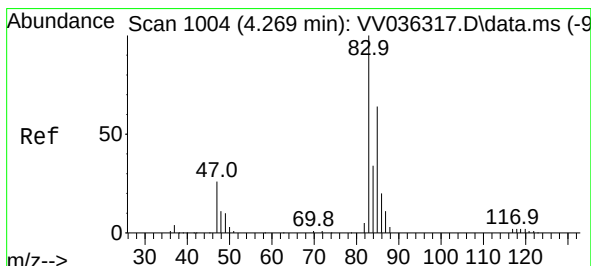
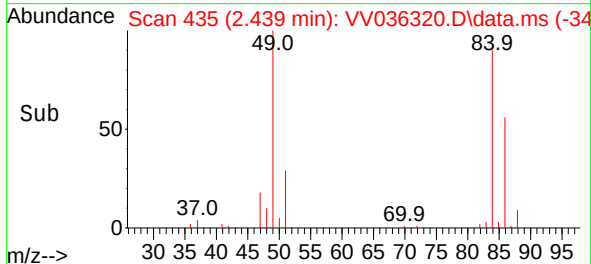
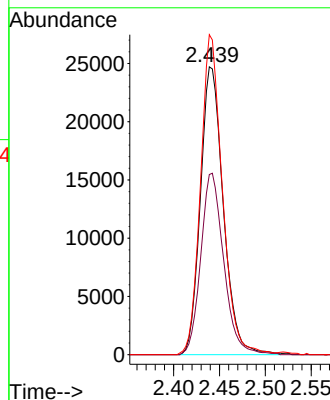
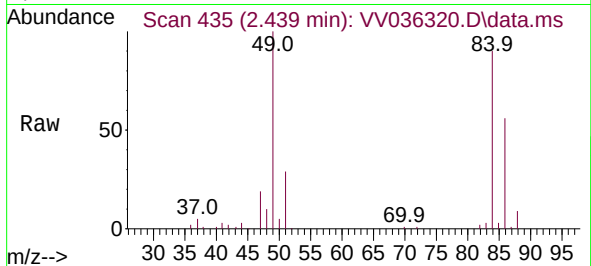




#16
Methylene chloride
Concen: 6.605 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

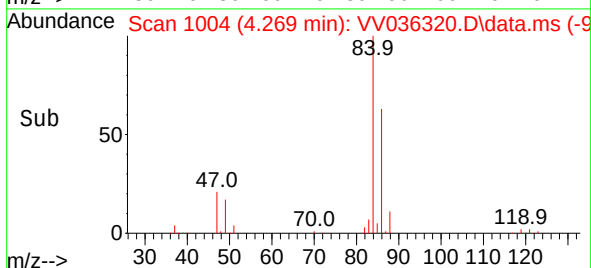
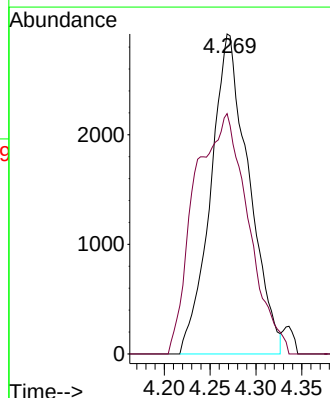
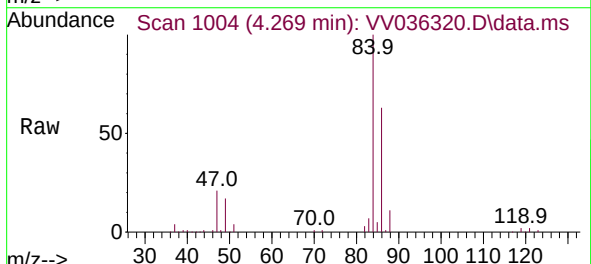
Instrument :
MSVOA_V
ClientSampleId :

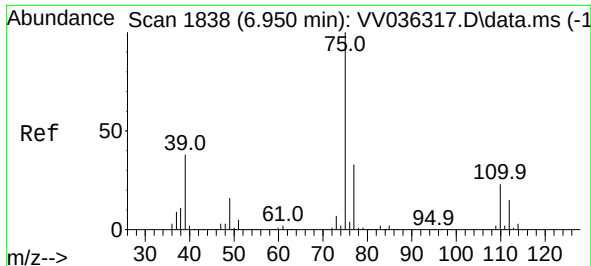
Tgt Ion: 84 Resp: 42878
Ion Ratio Lower Upper
84 100
86 62.6 45.6 84.8
49 111.2 75.7 140.5



#25
Chloroform
Concen: 0.863 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

Tgt Ion: 83 Resp: 8437
Ion Ratio Lower Upper
83 100
85 75.1 45.0 83.6

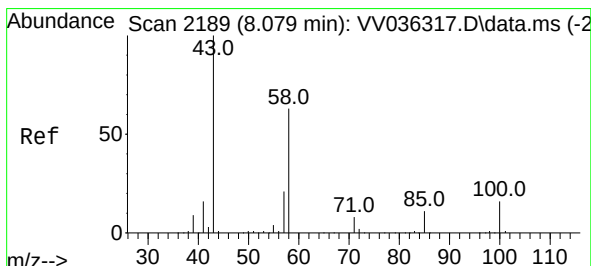
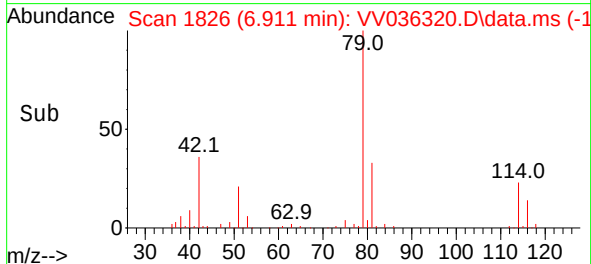
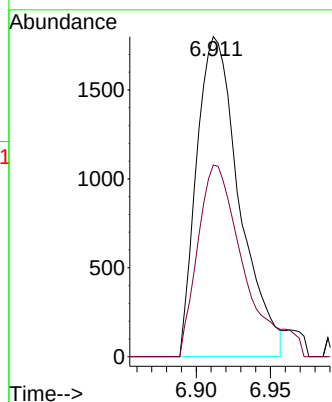
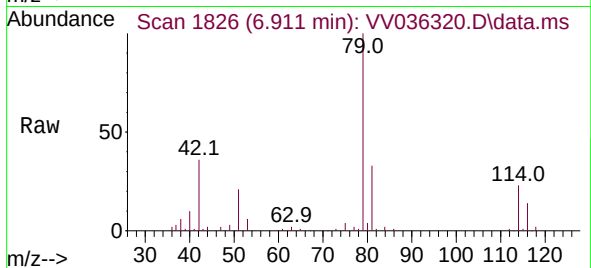




#39
cis-1,3-Dichloropropene
Concen: 0.644 ug/L
RT: 6.911 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

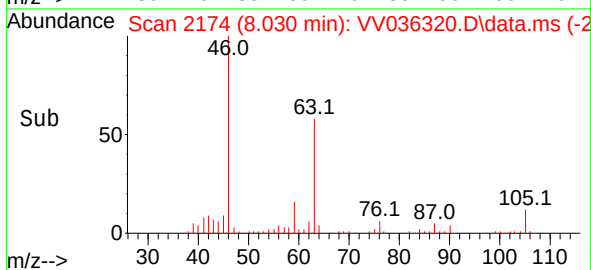
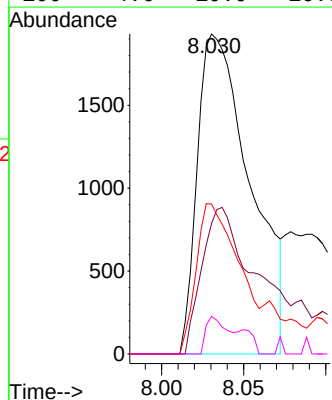
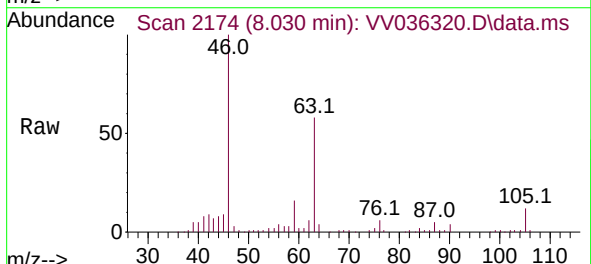
Instrument :
MSVOA_V
ClientSampleId :

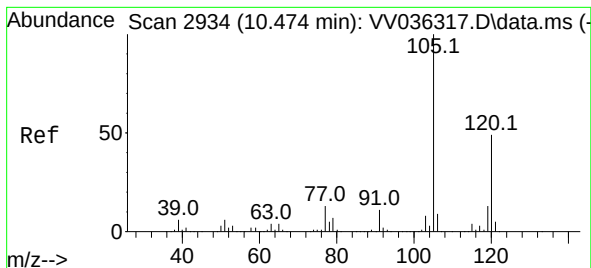
Tgt Ion: 75 Resp: 3602
Ion Ratio Lower Upper
75 100
77 59.9 22.3 41.5#



#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036320.D
Acq: 27 Jun 2024 21:10

Tgt Ion: 43 Resp: 4330
Ion Ratio Lower Upper
43 100
58 47.4 48.5 72.7#
57 37.9 15.8 23.6#
100 4.6 10.9 16.3#





#62

1,3,5-Trimethylbenzene

Concen: 1.070 ug/L

RT: 10.879 min Scan# 3060

Delta R.T. 0.405 min

Lab File: VV036320.D

Acq: 27 Jun 2024 21:10

Instrument :

MSVOA_V

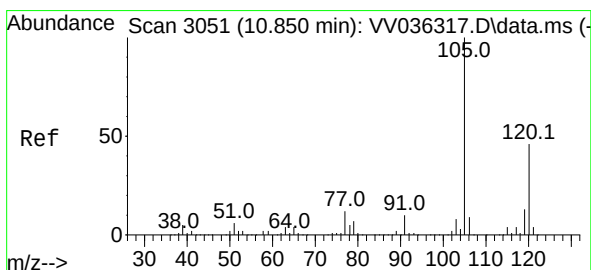
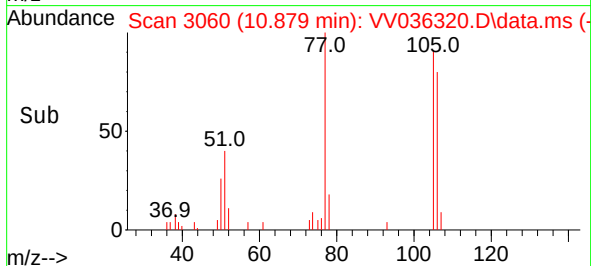
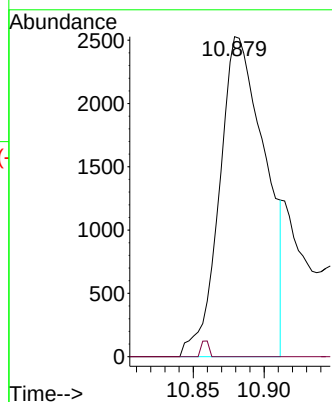
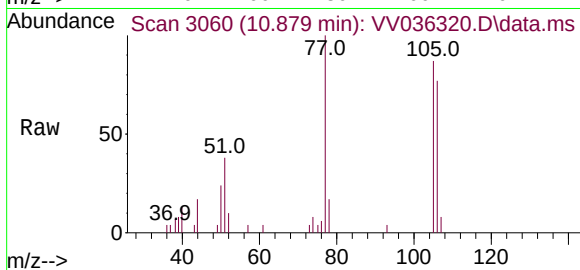
ClientSampleId :

Tgt Ion:105 Resp: 5678

Ion Ratio Lower Upper

105 100

120 0.8 39.1 58.7#



#63

1,2,4-Trimethylbenzene

Concen: 0.985 ug/L

RT: 10.879 min Scan# 3060

Delta R.T. 0.029 min

Lab File: VV036320.D

Acq: 27 Jun 2024 21:10

Tgt Ion:105 Resp: 5678

Ion Ratio Lower Upper

105 100

120 0.8 36.2 54.4#

