

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059326.D
 Acq On : 18 Jun 2024 21:05
 Operator : MD/SY
 Sample : P2873-13
 Misc : 4.76g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

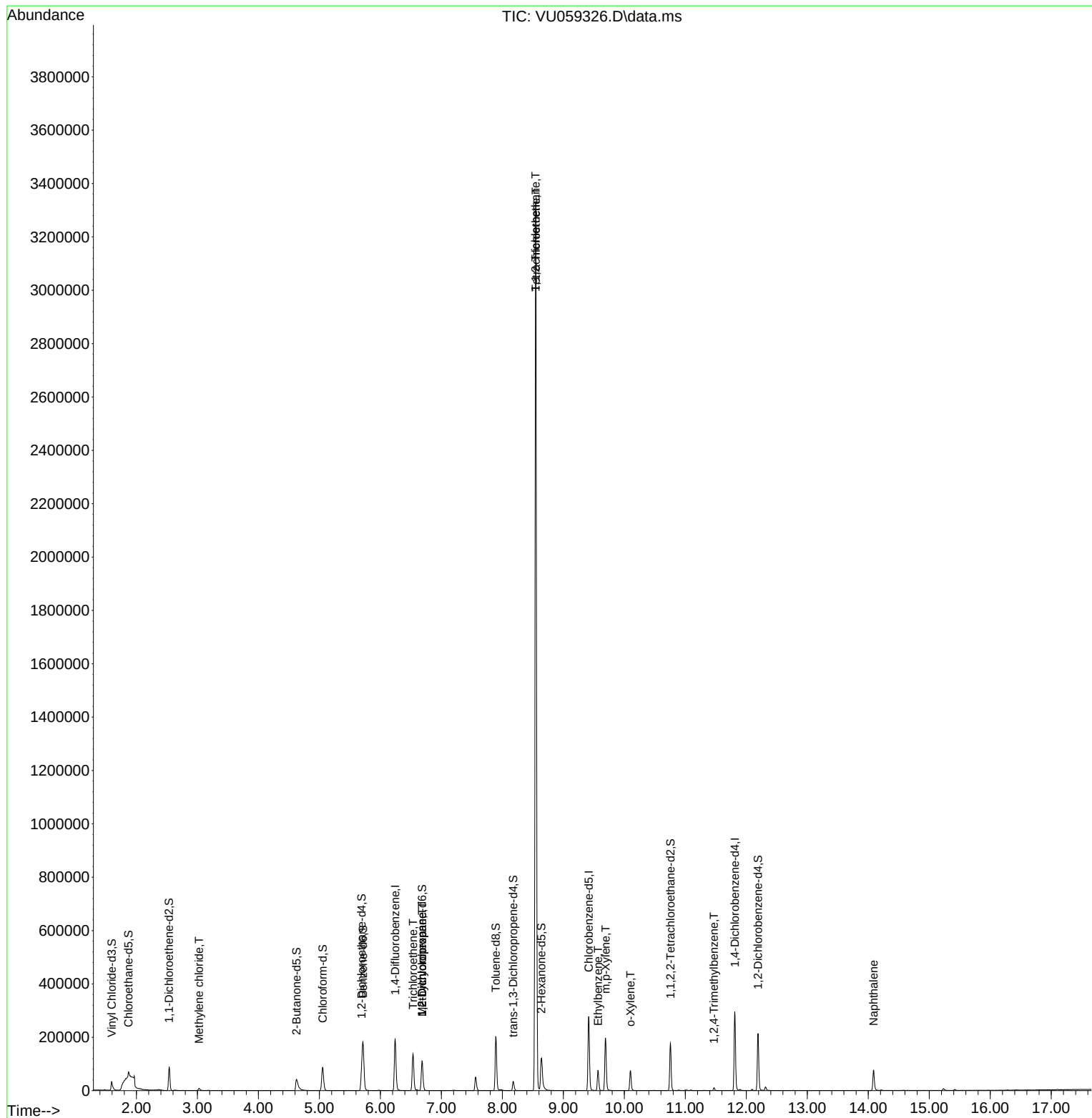
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	81771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	36959	37.317	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.640%		
7) Chloroethane-d5	1.869	69	21972	25.898	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.800%#		
11) 1,1-Dichloroethene-d2	2.535	63	51985	26.592	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.180%#		
21) 2-Butanone-d5	4.625	46	75657	81.045	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.050%		
24) Chloroform-d	5.052	84	83804	42.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.020%		
26) 1,2-Dichloroethane-d4	5.692	65	55369	45.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.640%		
32) Benzene-d6	5.715	84	167759	43.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.340%		
36) 1,2-Dichloropropane-d6	6.682	67	55155	41.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.280%		
41) Toluene-d8	7.891	98	142034	43.554	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.100%		
43) trans-1,3-Dichloroprop...	8.177	79	21871	40.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.700%		
47) 2-Hexanone-d5	8.640	63	52017	84.925	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.920%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	94741	42.263	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.520%		
66) 1,2-Dichlorobenzene-d4	12.190	152	59542	48.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.580%		
Target Compounds						Qvalue
16) Methylene chloride	3.027	84	4849	3.066	ug/L	95
34) Trichloroethene	6.534	95	48845	33.006	ug/L	95
35) Methylcyclohexane	6.682	83	12778	5.873	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5731	3.339	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	6117	3.964	ug/L #	1
46) Tetrachloroethene	8.547	164	728702	739.254	ug/L	92
52) Ethylbenzene	9.566	91	54261	8.676	ug/L	90
53) m,p-Xylene	9.692	106	60226	26.201	ug/L	94
54) o-Xylene	10.100	106	22008	9.879	ug/L	90
63) 1,2,4-Trimethylbenzene	11.470	105	6691	1.481	ug/L	99
71) Naphthalene	14.087	128	68593	15.280	ug/L	99

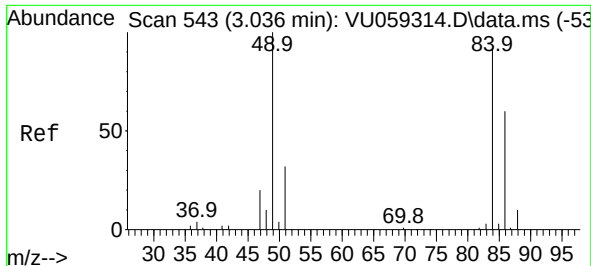
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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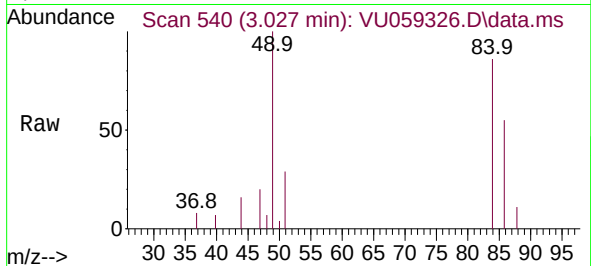
Quant Time: Jun 19 05:39:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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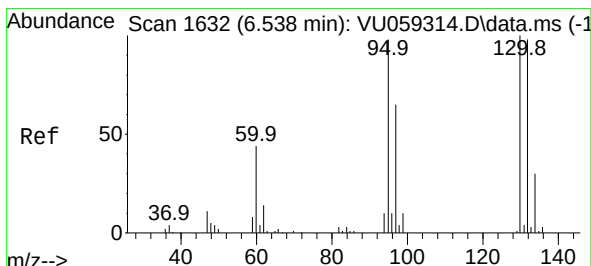
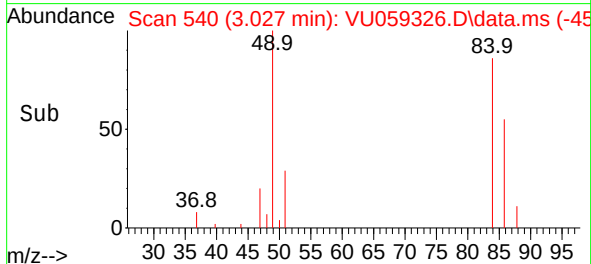
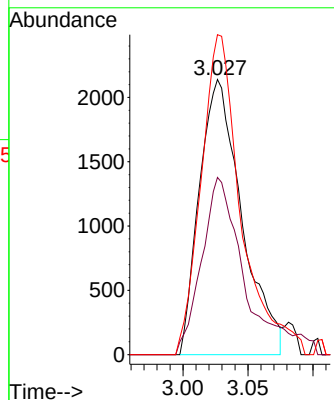


#16
Methylene chloride
Concen: 3.066 ug/L
RT: 3.027 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

Instrument :
MSVOA_U
ClientSampleId :

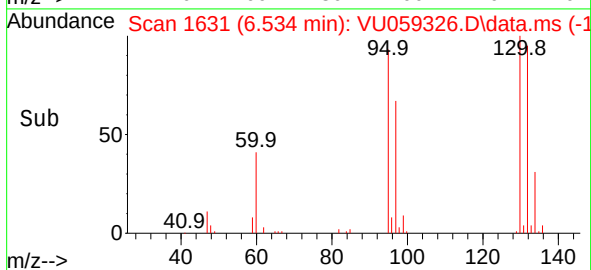
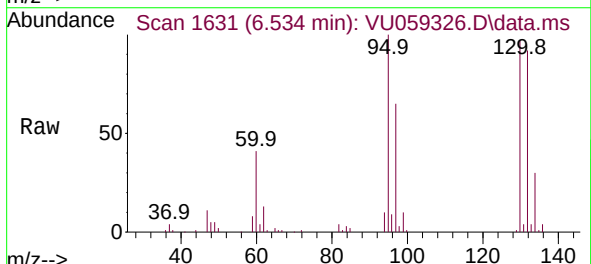
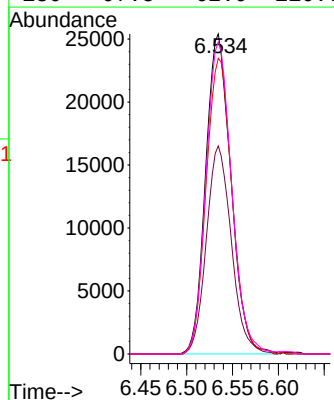


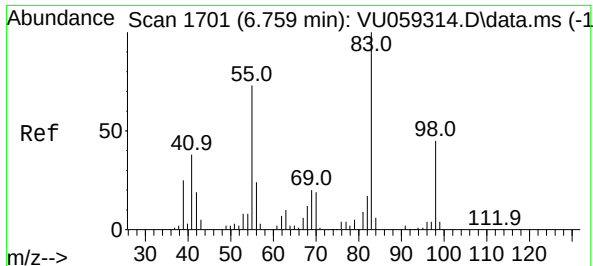
Tgt Ion: 84 Resp: 4849
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.3
49 116.3 87.5 162.5



#34
Trichloroethene
Concen: 33.006 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

Tgt Ion: 95 Resp: 48845
Ion Ratio Lower Upper
95 100
97 65.0 45.2 84.0
132 92.4 60.6 112.6
130 97.5 62.9 116.7

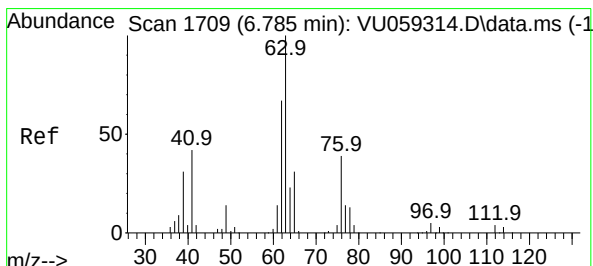
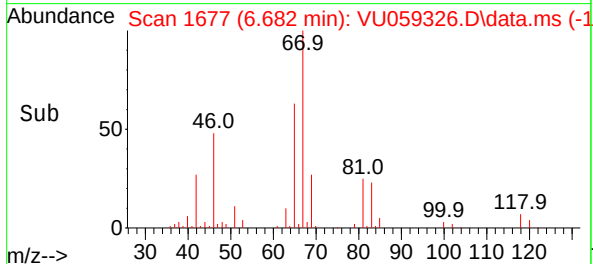
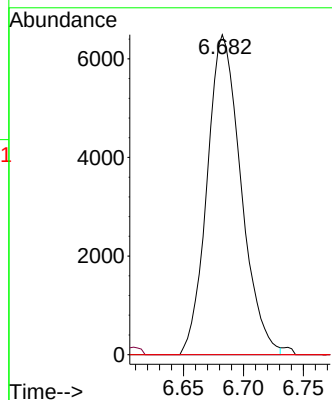
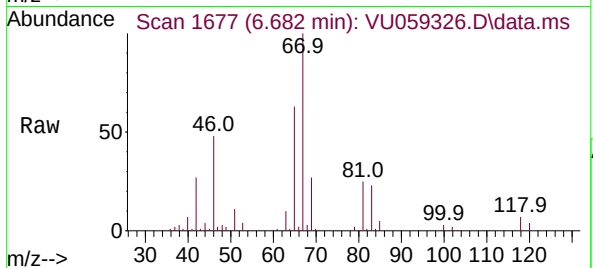




#35
Methylcyclohexane
Concen: 5.873 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

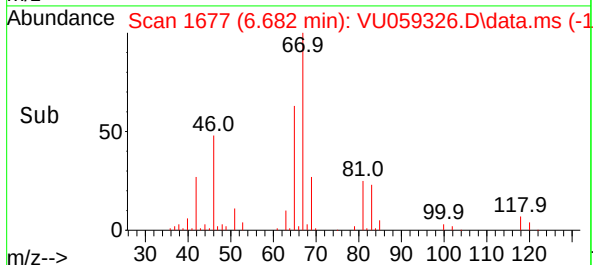
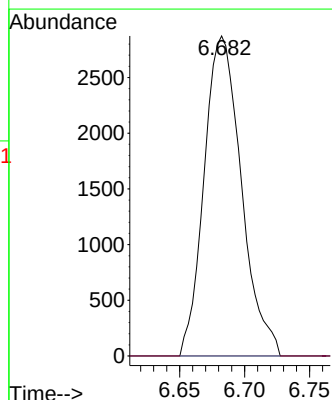
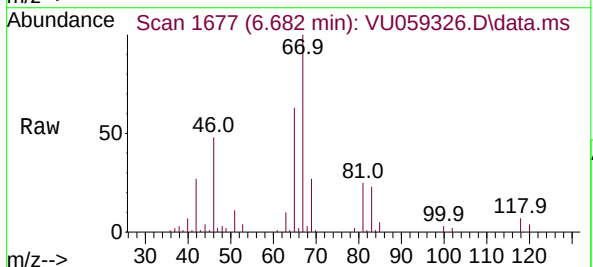
Instrument :
MSVOA_U
ClientSampleId :

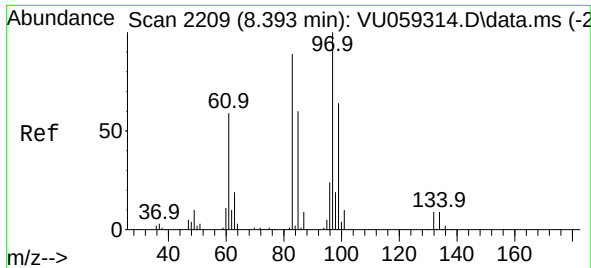
Tgt Ion: 83 Resp: 12778
Ion Ratio Lower Upper
83 100
55 0.8 63.9 95.9#
98 0.0 34.7 52.1#



#37
1,2-Dichloropropane
Concen: 3.339 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

Tgt Ion: 63 Resp: 5731
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#45

1,1,2-Trichloroethane

Concen: 3.964 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.151 min

Lab File: VU059326.D

Acq: 18 Jun 2024 21:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 6117

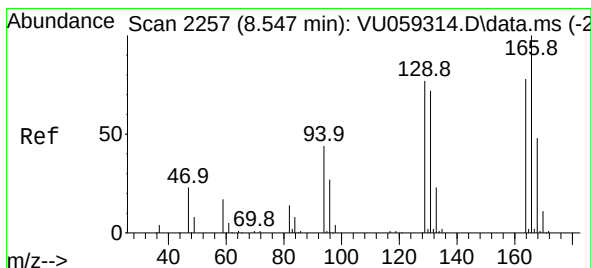
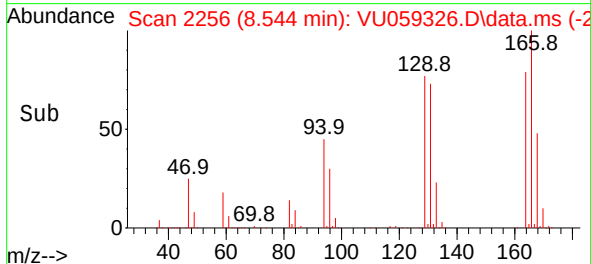
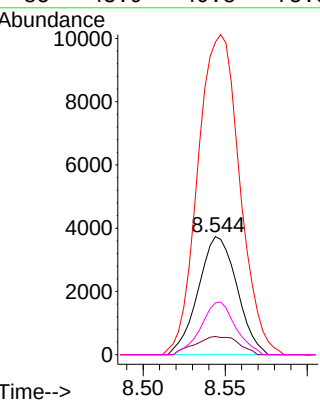
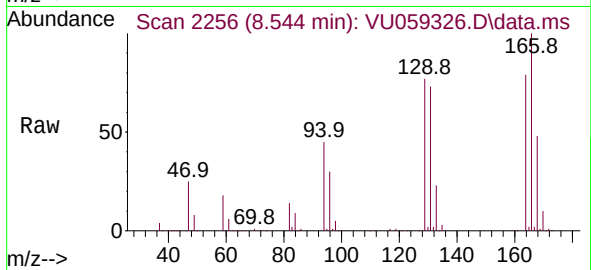
Ion Ratio Lower Upper

97 100

99 15.5 44.0 81.6#

83 264.7 63.6 118.2#

85 43.9 40.8 75.8



#46

Tetrachloroethene

Concen: 739.254 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059326.D

Acq: 18 Jun 2024 21:05

Tgt Ion:164 Resp: 728702

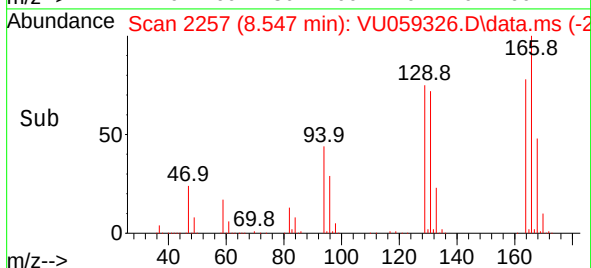
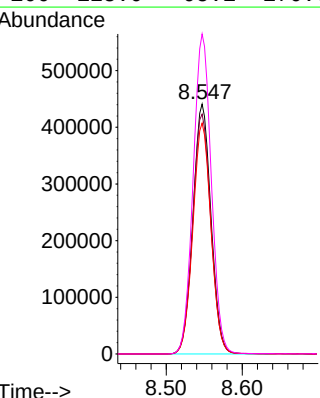
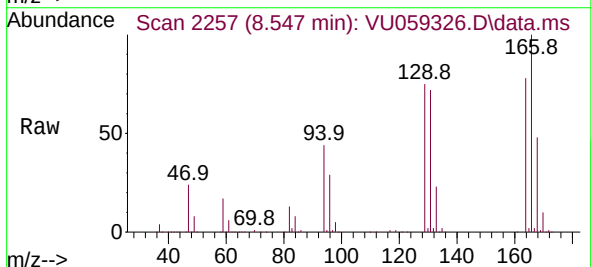
Ion Ratio Lower Upper

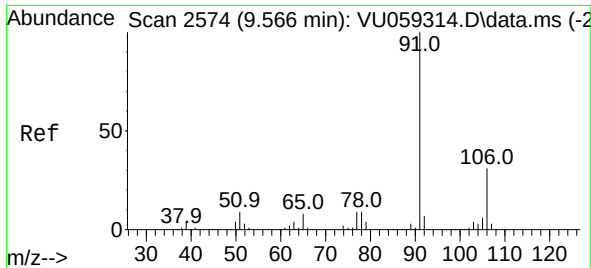
164 100

129 96.0 74.5 138.5

131 92.4 70.6 131.0

166 128.0 95.1 176.7

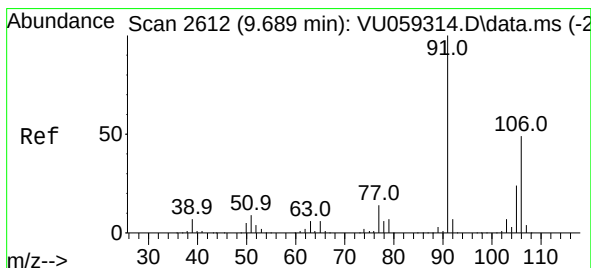
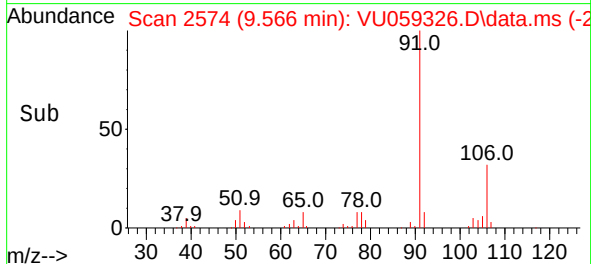
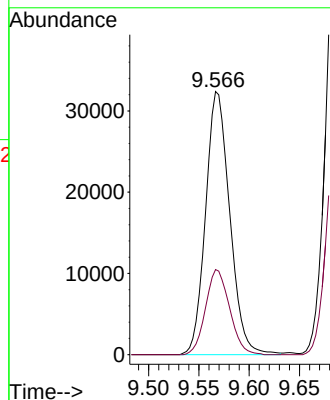
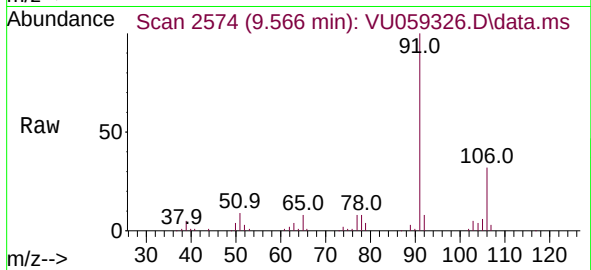




#52
Ethylbenzene
Concen: 8.676 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

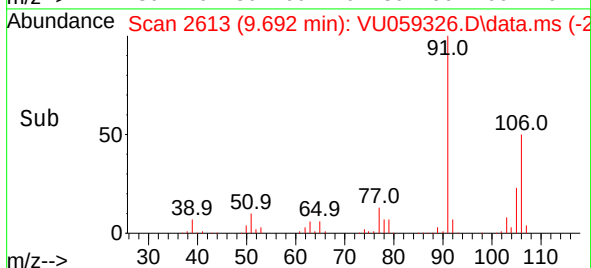
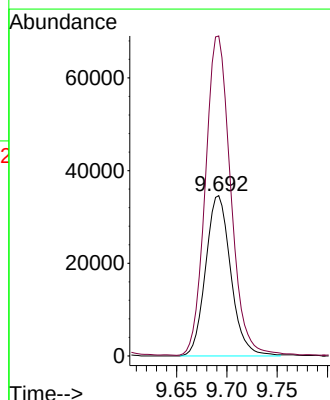
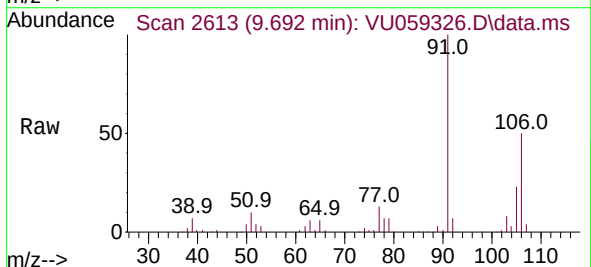
Instrument :
MSVOA_U
ClientSampleId :

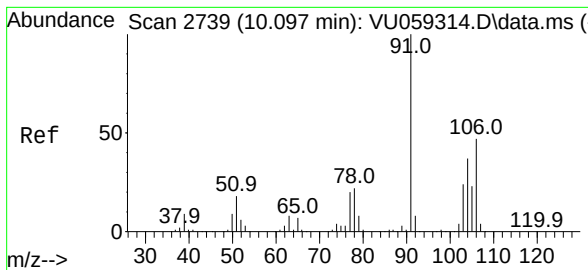
Tgt Ion: 91 Resp: 54261
Ion Ratio Lower Upper
91 100
106 35.2 21.0 39.0



#53
m,p-Xylene
Concen: 26.201 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

Tgt Ion:106 Resp: 60226
Ion Ratio Lower Upper
106 100
91 199.5 146.4 272.0

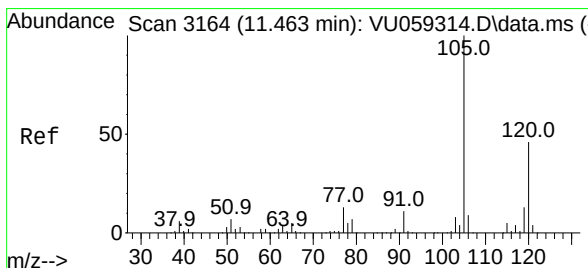
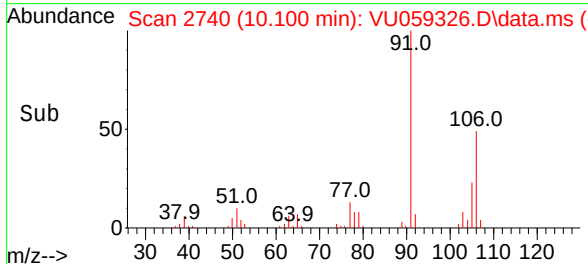
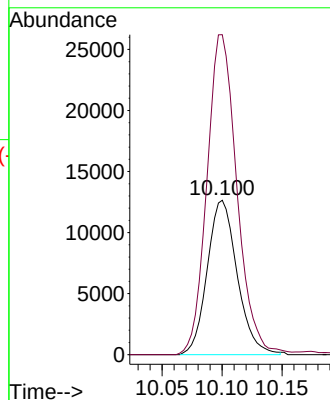
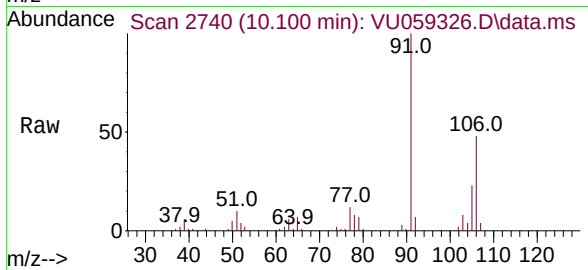




#54
o-Xylene
Concen: 9.879 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

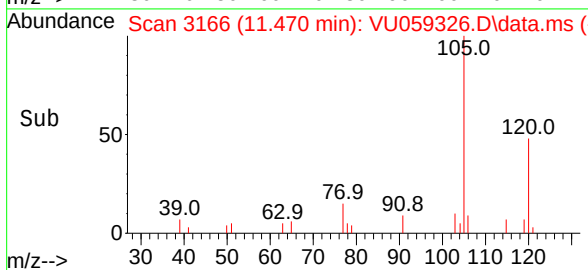
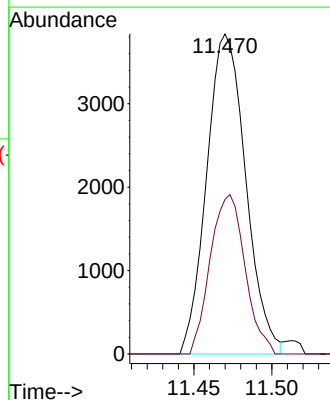
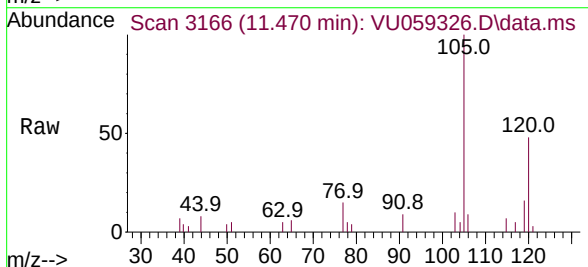
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MSVOA_U
ClientSampleId :

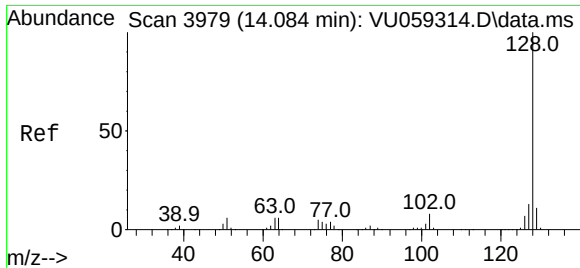
Tgt Ion:106 Resp: 22008
Ion Ratio Lower Upper
106 100
91 207.3 156.7 290.9



#63
1,2,4-Trimethylbenzene
Concen: 1.481 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.007 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

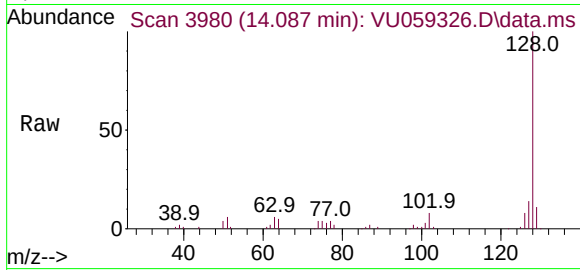
Tgt Ion:105 Resp: 6691
Ion Ratio Lower Upper
105 100
120 44.2 35.0 52.6





#71
Naphthalene
Concen: 15.280 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.003 min
Lab File: VU059326.D
Acq: 18 Jun 2024 21:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	10.4	8.5	12.7

