

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028482.D
 Acq On : 09 Oct 2022 13:30
 Operator : SY/MD
 Sample : N4923-01DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007DL

Quant Time: Oct 10 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

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

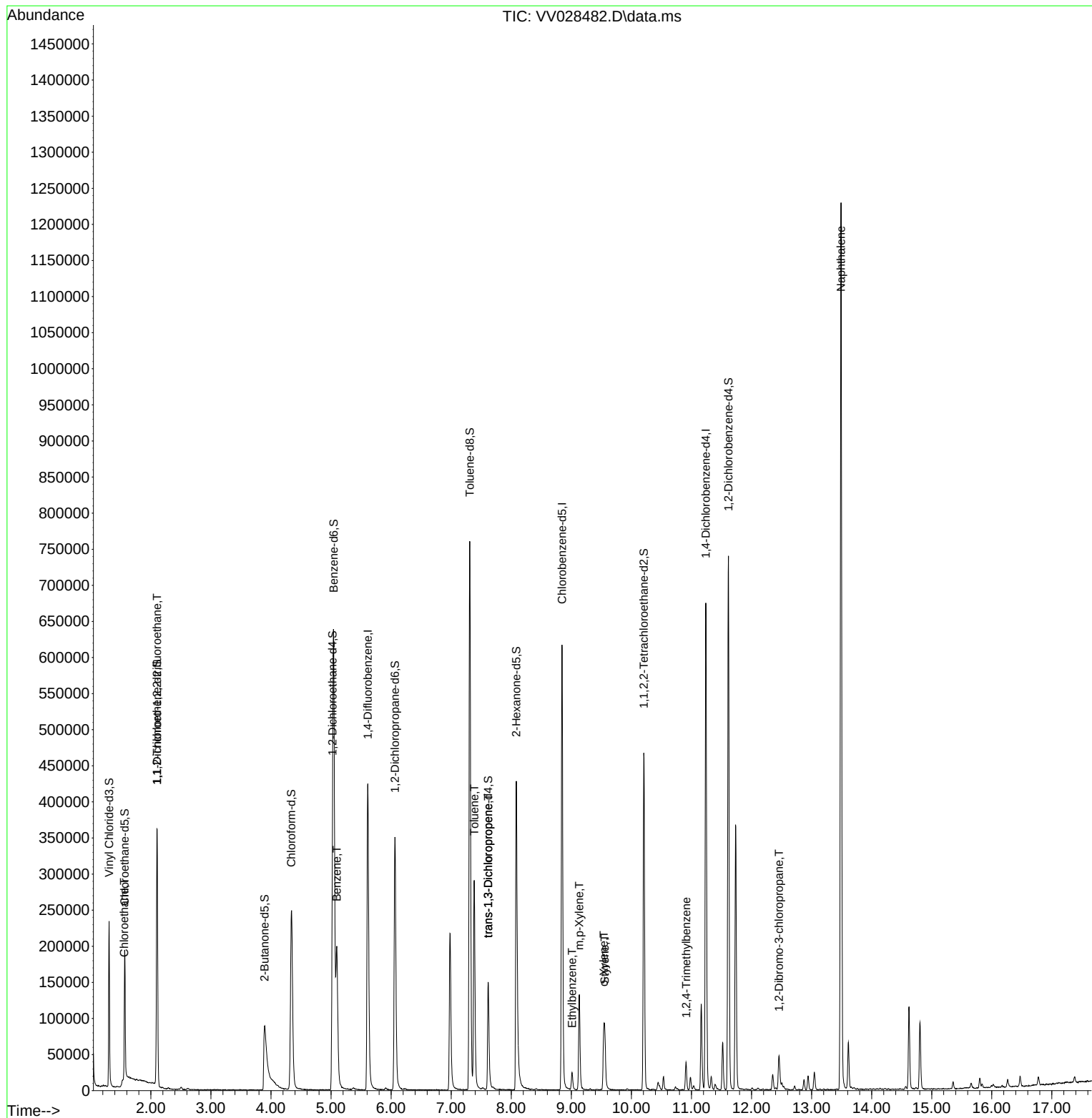
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	363081	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	334073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	171463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150591	53.753	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.500%			
7) Chloroethane-d5	1.564	69	111144	50.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.060%			
11) 1,1-Dichloroethene-d2	2.101	63	185973	39.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.000%			
21) 2-Butanone-d5	3.892	46	190235	77.568	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.570%			
24) Chloroform-d	4.339	84	260324	50.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.320%			
26) 1,2-Dichloroethane-d4	5.024	65	175573	52.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.960%			
32) Benzene-d6	5.043	84	554375	51.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.580%			
36) 1,2-Dichloropropane-d6	6.063	67	168568	48.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.600%			
41) Toluene-d8	7.310	98	502719	52.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.900%			
43) trans-1,3-Dichloroprop...	7.616	79	88061	49.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.000%			
47) 2-Hexanone-d5	8.085	63	170845	89.984	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.980%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	223627	46.823	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.640%			
66) 1,2-Dichlorobenzene-d4	11.615	152	185057	52.087	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.180%			
Target Compounds						Qvalue
8) Chloroethane	1.558	64	22222	11.853	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	1570	0.726	ug/L #	21
33) Benzene	5.095	78	199114	18.122	ug/L	100
42) Toluene	7.384	91	207998	18.366	ug/L	99
44) trans-1,3-Dichloropropene	7.616	75	3957	0.880	ug/L #	70
52) Ethylbenzene	9.011	91	16861	1.366	ug/L	97
53) m,p-Xylene	9.133	106	36543	7.811	ug/L	98
54) o-Xylene	9.538	106	18077	3.859	ug/L	90
55) Styrene	9.558	104	39191	4.871	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	20736	1.952	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.458	75	1283	1.149	ug/L #	2
71) Naphthalene	13.490	128	915976	81.404	ug/L	100

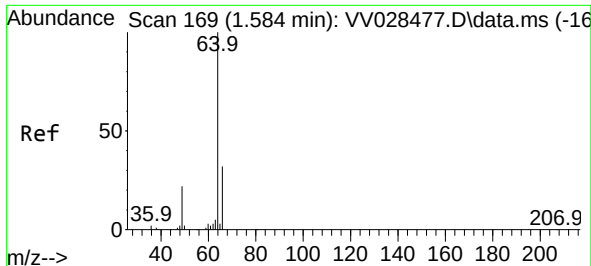
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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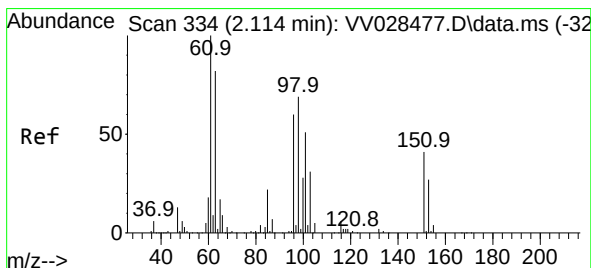
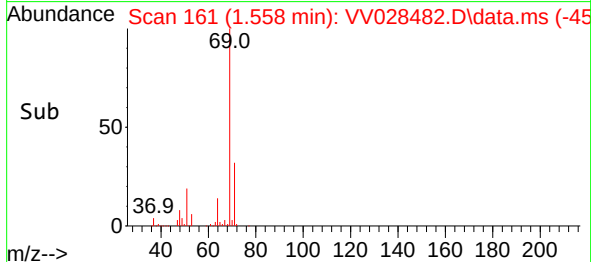
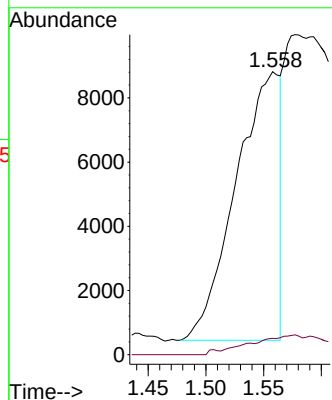
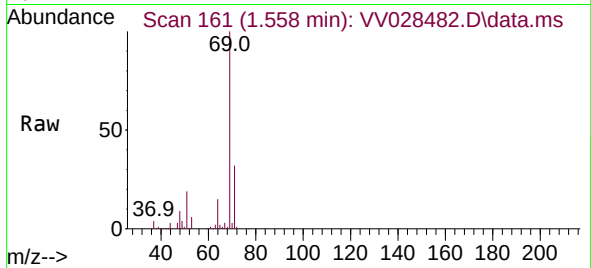




#8
Chloroethane
Concen: 11.853 ug/L
RT: 1.558 min Scan# 11
Delta R.T. -0.026 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

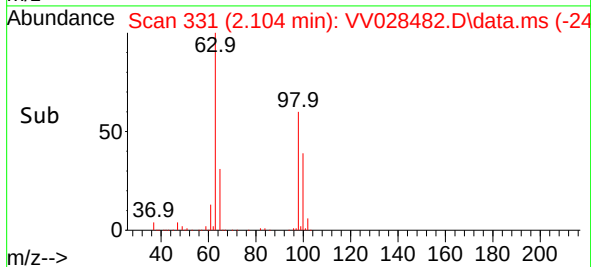
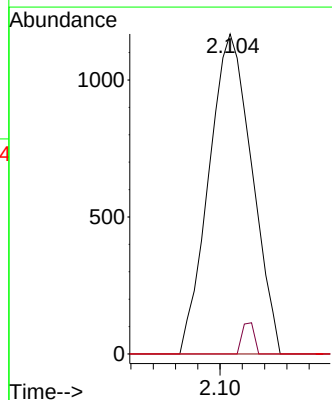
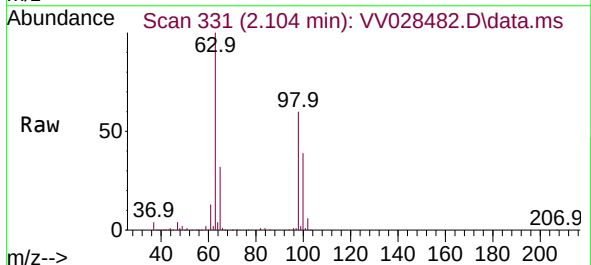
Instrument :
MSVOA_V
ClientSampleId :
E10007DL

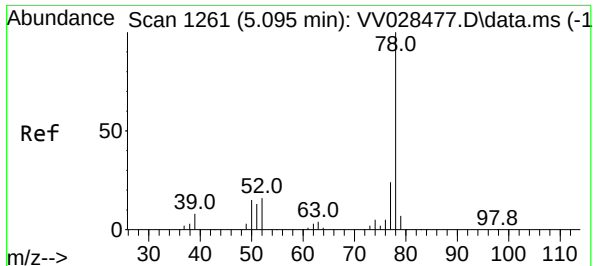
Tgt Ion: 64 Resp: 22222
Ion Ratio Lower Upper
64 100
66 5.7 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.726 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion:101 Resp: 1570
Ion Ratio Lower Upper
101 100
85 2.7 34.9 52.3#
151 0.0 59.2 88.8#

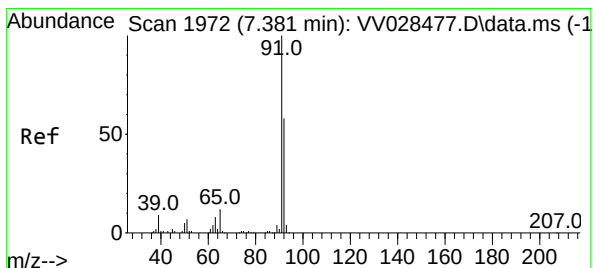
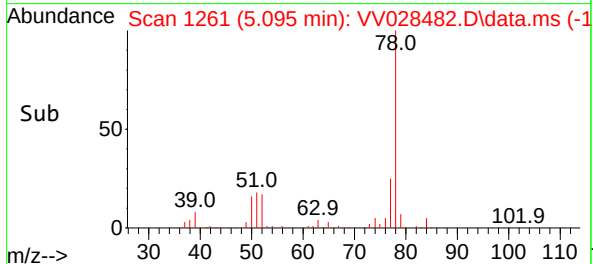
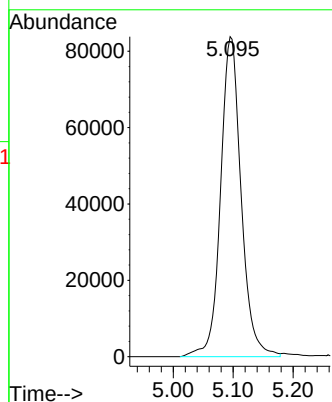
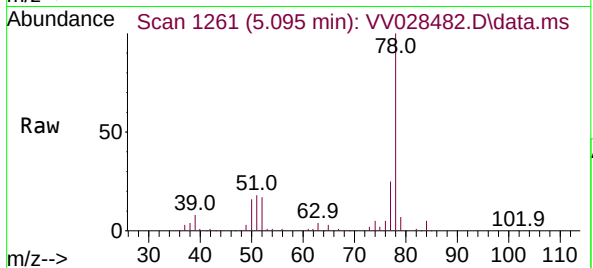




#33
Benzene
Concen: 18.122 ug/L
RT: 5.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

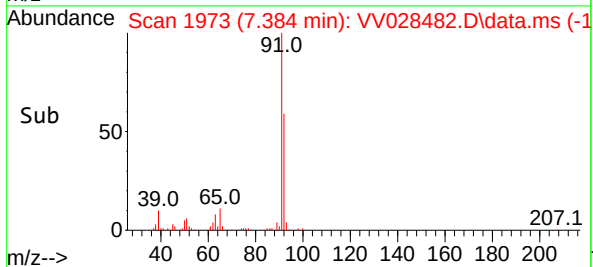
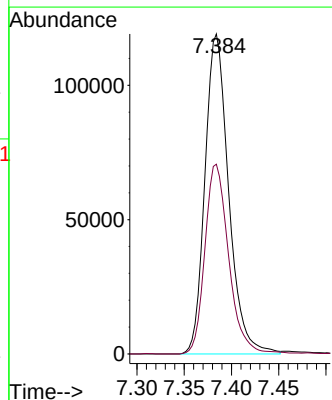
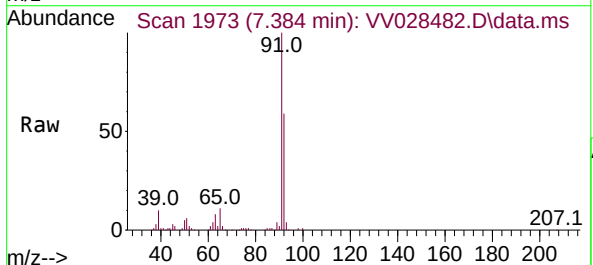
Instrument :
MSVOA_V
ClientSampleId :
E10007DL

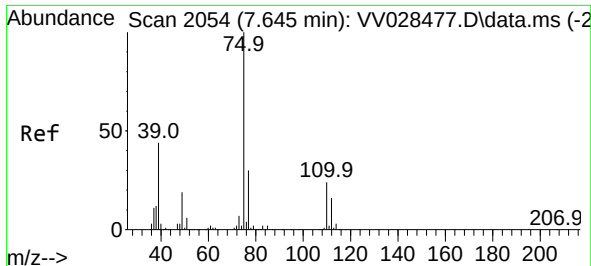
Tgt Ion: 78 Resp: 199114



#42
Toluene
Concen: 18.366 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion: 91 Resp: 207998
Ion Ratio Lower Upper
91 100
92 59.3 40.9 76.0





#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.616 min Scan# 2054

Delta R.T. -0.029 min

Lab File: VV028482.D

Acq: 09 Oct 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

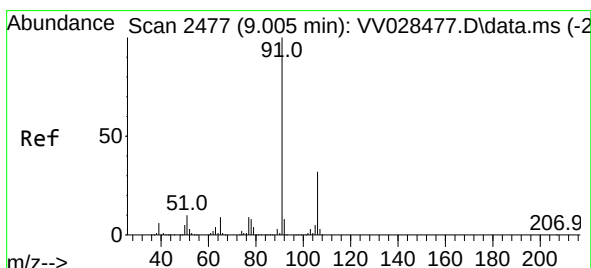
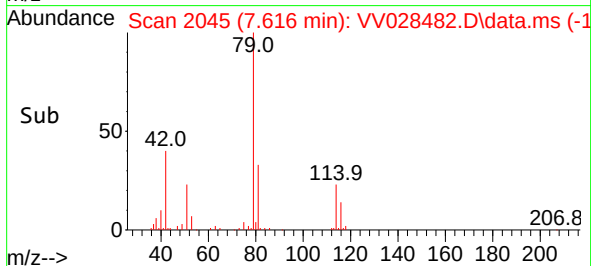
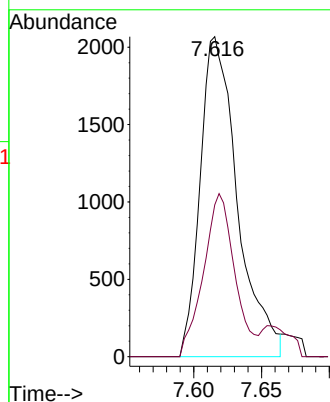
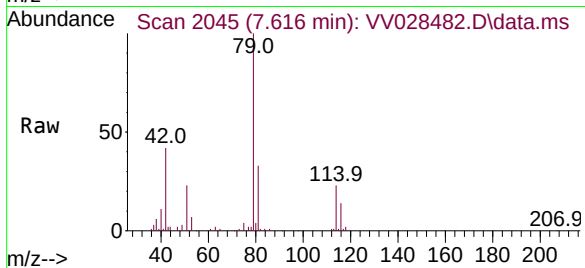
E10007DL

Tgt Ion: 75 Resp: 3957

Ion Ratio Lower Upper

75 100

77 47.4 21.8 40.4#



#52

Ethylbenzene

Concen: 1.366 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV028482.D

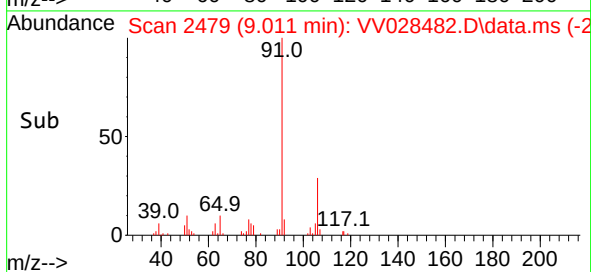
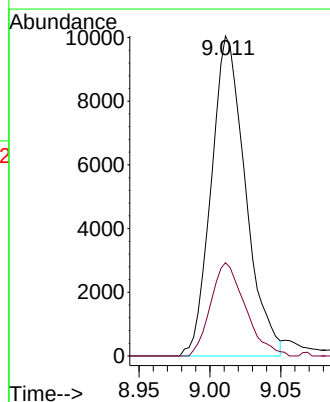
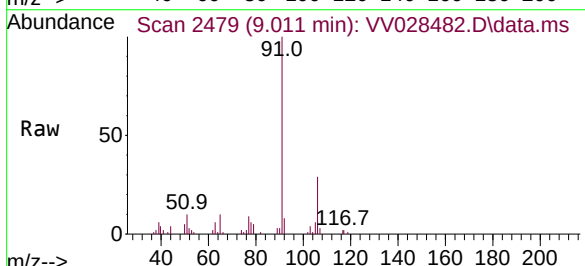
Acq: 09 Oct 2022 13:30

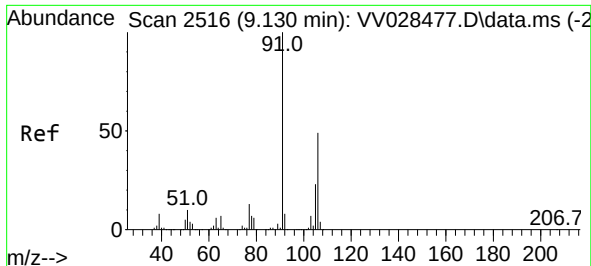
Tgt Ion: 91 Resp: 16861

Ion Ratio Lower Upper

91 100

106 29.1 21.4 39.8

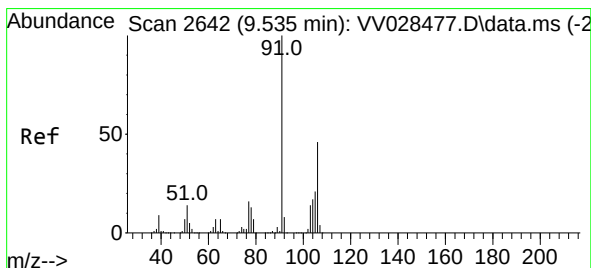
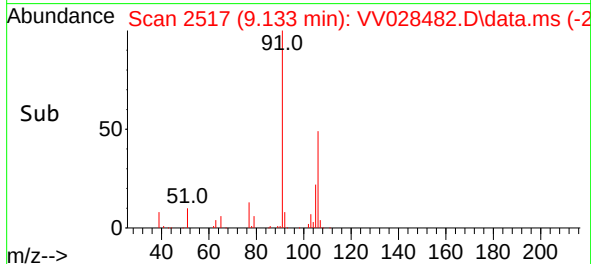
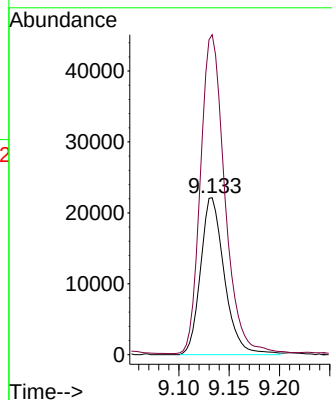
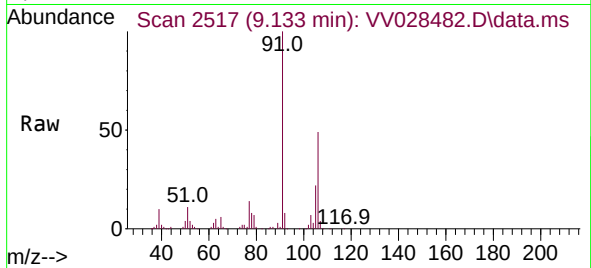




#53
m,p-Xylene
Concen: 7.811 ug/L
RT: 9.133 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

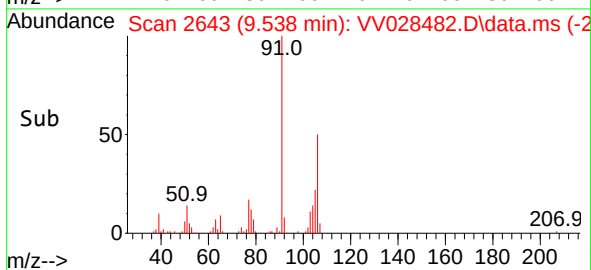
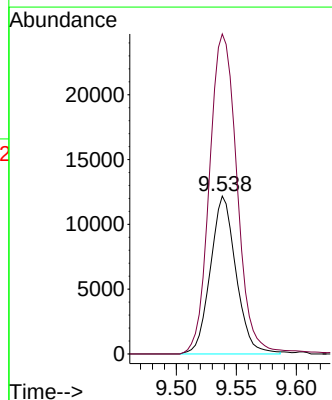
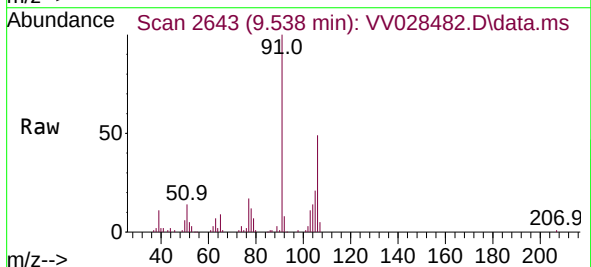
Instrument :
MSVOA_V
ClientSampleId :
E10007DL

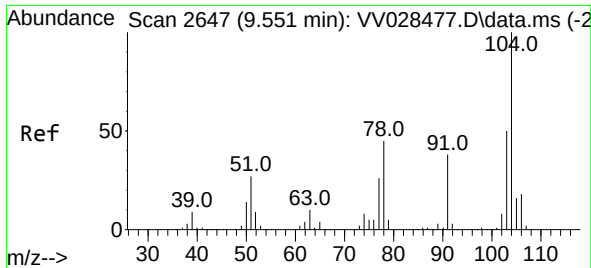
Tgt Ion:106 Resp: 36543
Ion Ratio Lower Upper
106 100
91 203.8 145.2 269.6



#54
o-Xylene
Concen: 3.859 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion:106 Resp: 18077
Ion Ratio Lower Upper
106 100
91 202.7 152.5 283.3





#55

Styrene

Concen: 4.871 ug/L

RT: 9.558 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV028482.D

Acq: 09 Oct 2022 13:30

Instrument :

MSVOA_V

ClientSampleId :

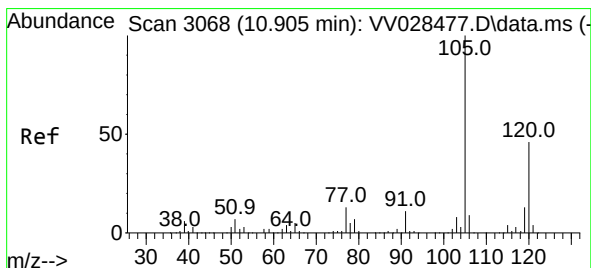
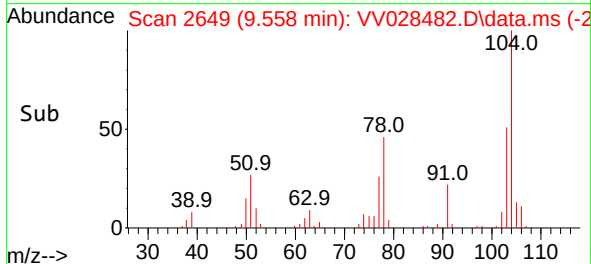
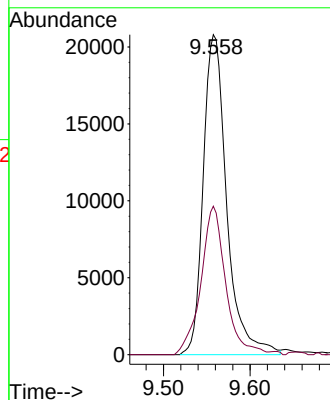
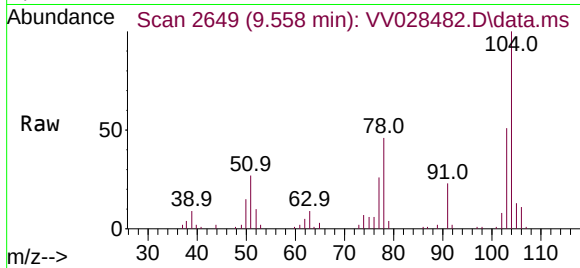
E10007DL

Tgt Ion:104 Resp: 39191

Ion Ratio Lower Upper

104 100

78 46.4 31.9 59.2



#63

1,2,4-Trimethylbenzene

Concen: 1.952 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.006 min

Lab File: VV028482.D

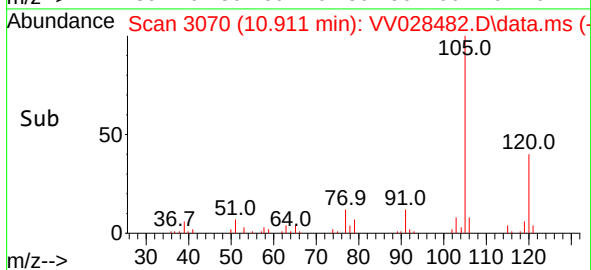
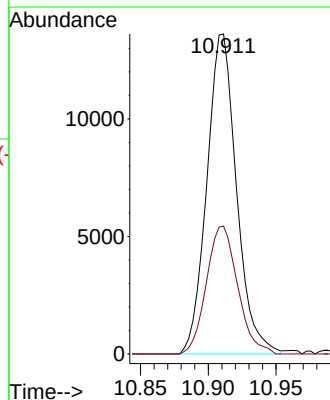
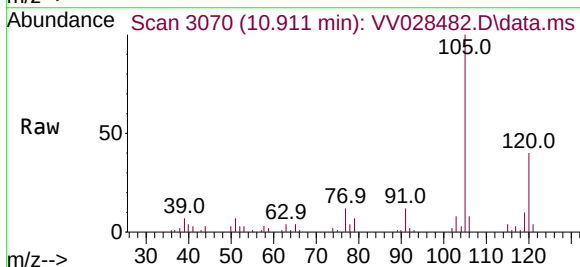
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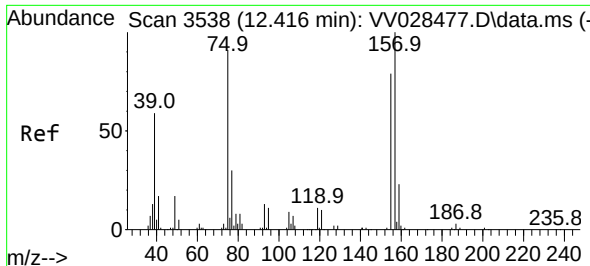
Tgt Ion:105 Resp: 20736

Ion Ratio Lower Upper

105 100

120 42.1 35.9 53.9

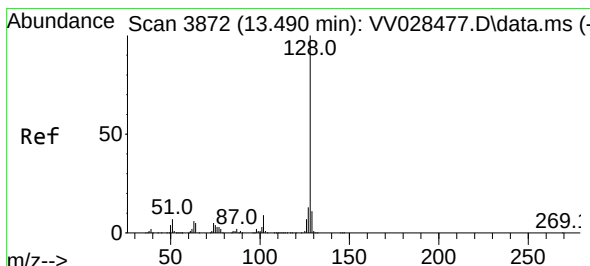
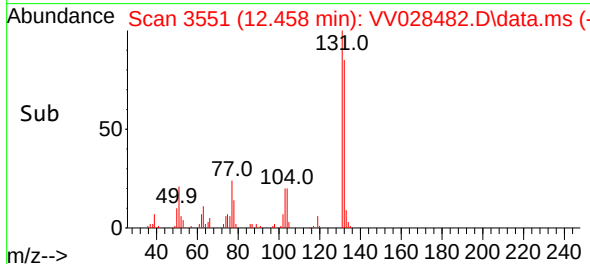
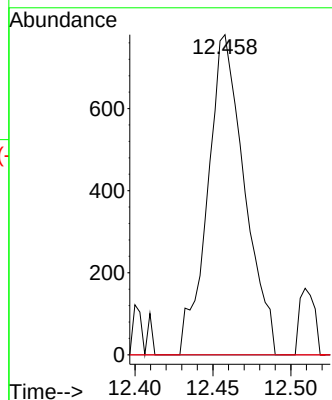
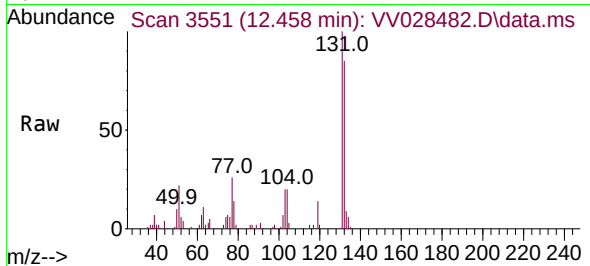




#68
1,2-Dibromo-3-chloropropane
Concen: 1.149 ug/L
RT: 12.458 min Scan# 3551
Delta R.T. 0.042 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Instrument :
MSVOA_V
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Tgt Ion: 75 Resp: 1283
Ion Ratio Lower Upper
75 100
155 0.0 65.0 97.6#
157 0.0 86.0 129.0#



#71
Naphthalene
Concen: 81.404 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028482.D
Acq: 09 Oct 2022 13:30

Tgt Ion: 128 Resp: 915976
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.9 13.3

