

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028486.D
 Acq On : 09 Oct 2022 15:07
 Operator : SY/MD
 Sample : N4923-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10044

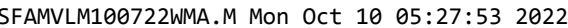
Quant Time: Oct 10 05:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

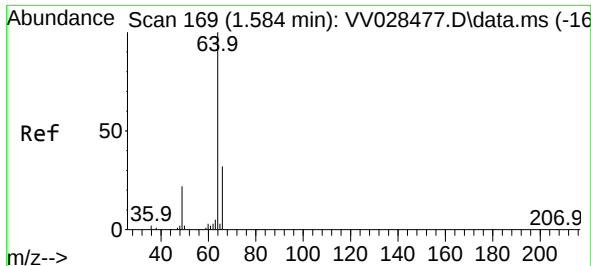
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	354903	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	323442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	173443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128579	46.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.900%		
7) Chloroethane-d5	1.564	69	97378	44.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.700%		
11) 1,1-Dichloroethene-d2	2.101	63	170756	36.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.280%		
21) 2-Butanone-d5	3.889	46	150785	62.899	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	62.900%		
24) Chloroform-d	4.342	84	246955	49.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.340%		
26) 1,2-Dichloroethane-d4	5.024	65	163442	50.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.920%		
32) Benzene-d6	5.043	84	518251	50.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.000%		
36) 1,2-Dichloropropane-d6	6.063	67	159013	47.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.120%		
41) Toluene-d8	7.310	98	481069	51.844	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.680%		
43) trans-1,3-Dichloroprop...	7.616	79	78820	45.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.520%		
47) 2-Hexanone-d5	8.082	63	152466	82.943	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.940%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	209109	45.222	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.440%		
66) 1,2-Dichlorobenzene-d4	11.615	152	183831	51.151	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.300%		
Target Compounds						Qvalue
8) Chloroethane	1.426	64	490290	267.536	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	1824	0.863	ug/L #	20
14) Carbon disulfide	2.291	76	5217	0.786	ug/L #	95
33) Benzene	5.095	78	133039	12.506	ug/L	100
42) Toluene	7.387	91	36782	3.355	ug/L	96
52) Ethylbenzene	9.005	91	168767	14.122	ug/L	98
53) m,p-Xylene	9.136	106	16333	3.606	ug/L	97
54) o-Xylene	9.538	106	39753	8.765	ug/L	97
60) Isopropylbenzene	9.924	105	37160	2.973	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	10862	1.003	ug/L	94
63) 1,2,4-Trimethylbenzene	10.908	105	14528	1.352	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.451	75	9426	8.342	ug/L #	2
71) Naphthalene	13.490	128	526119	46.223	ug/L	99

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

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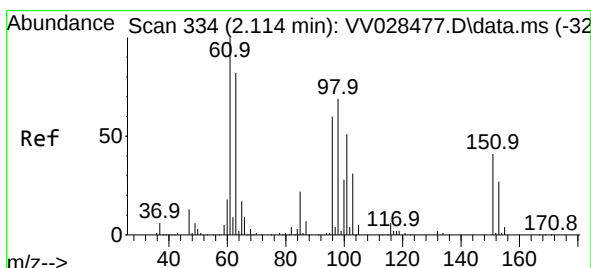
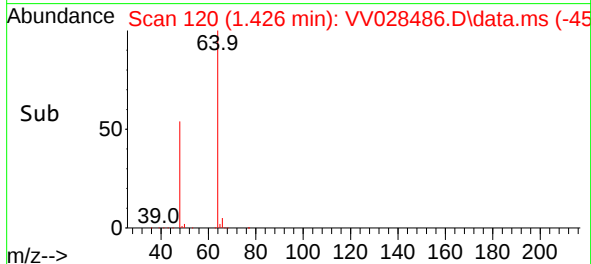
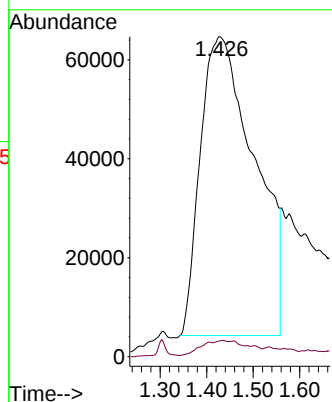
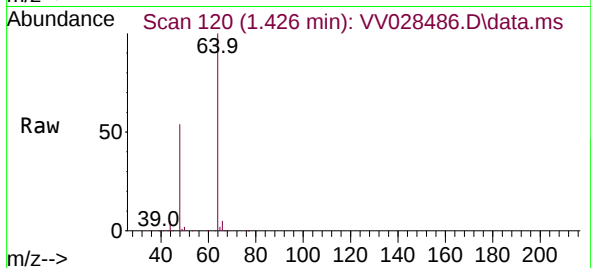




#8
Chloroethane
Concen: 267.536 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.158 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

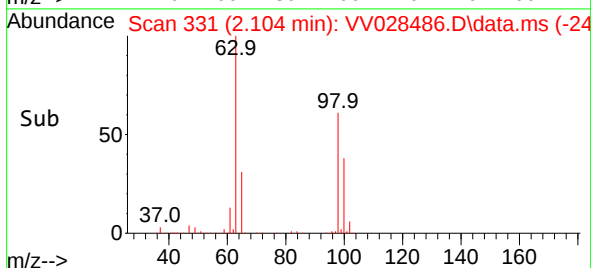
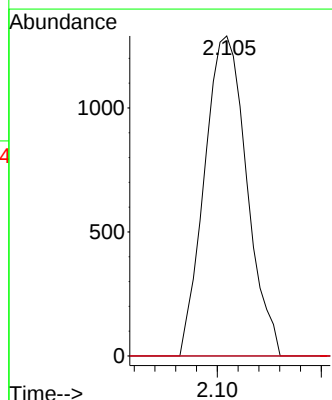
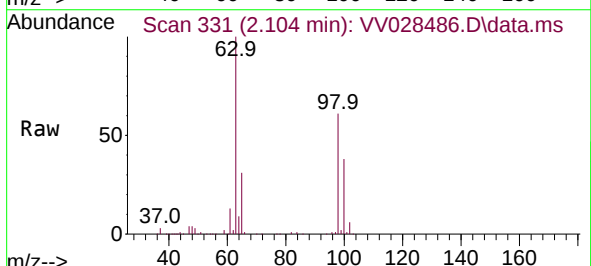
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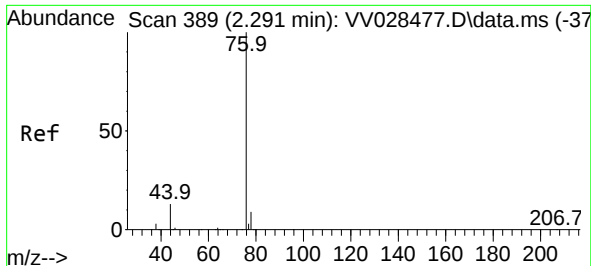
Tgt Ion: 64 Resp: 490290
Ion Ratio Lower Upper
64 100
66 4.9 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.863 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

Tgt Ion:101 Resp: 1824
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 59.2 88.8#

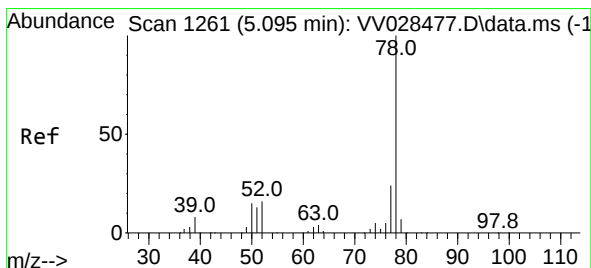
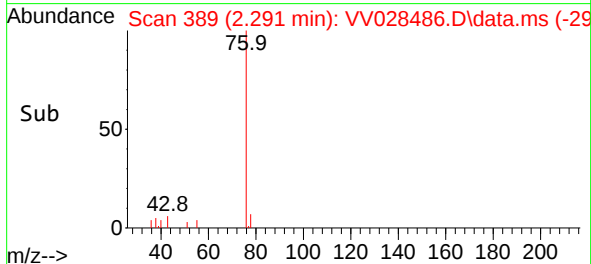
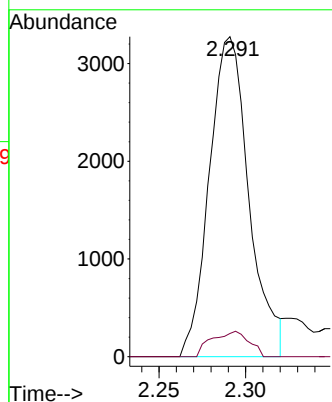
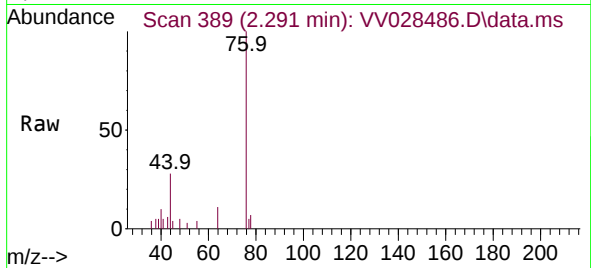




#14
Carbon disulfide
Concen: 0.786 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

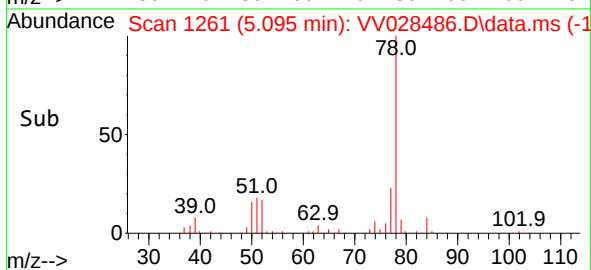
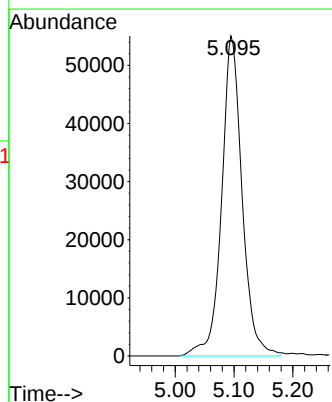
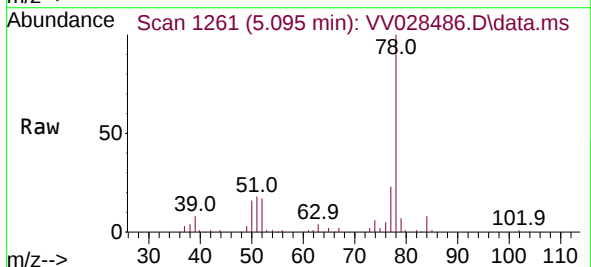
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MSVOA_V
ClientSampleId :
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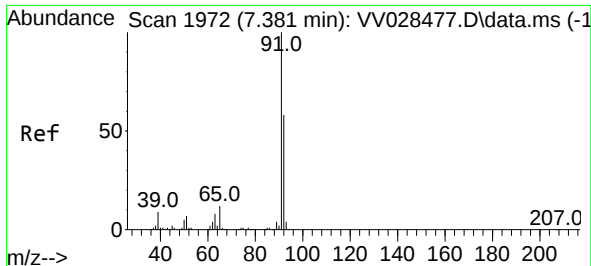
Tgt Ion: 76 Resp: 5217
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#33
Benzene
Concen: 12.506 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

Tgt Ion: 78 Resp: 133039





#42

Toluene

Concen: 3.355 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VV028486.D

Acq: 09 Oct 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

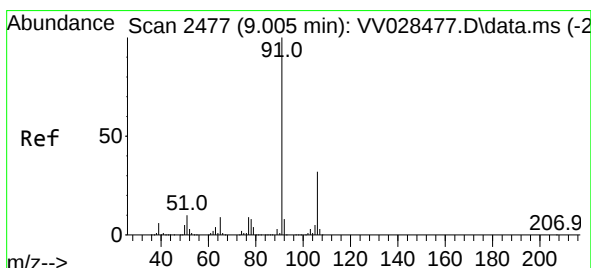
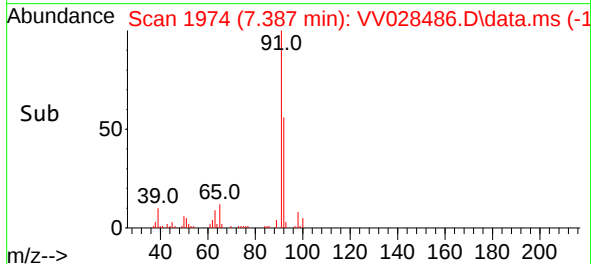
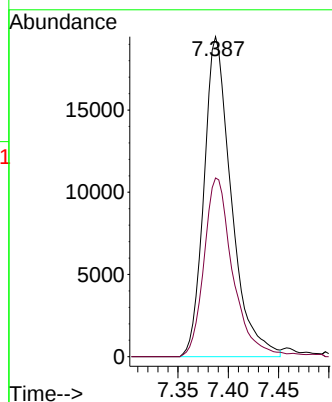
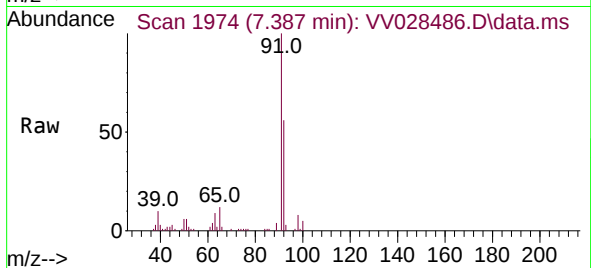
E10044

Tgt Ion: 91 Resp: 36782

Ion Ratio Lower Upper

91 100

92 55.9 40.9 76.0



#52

Ethylbenzene

Concen: 14.122 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028486.D

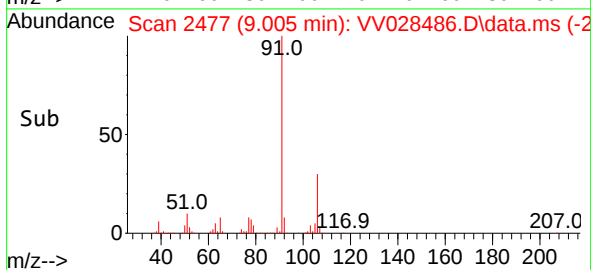
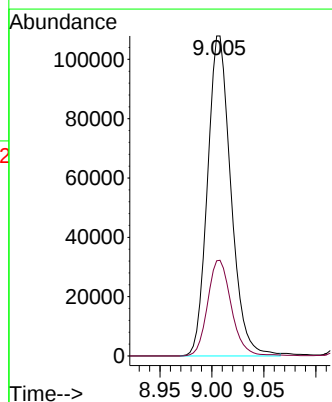
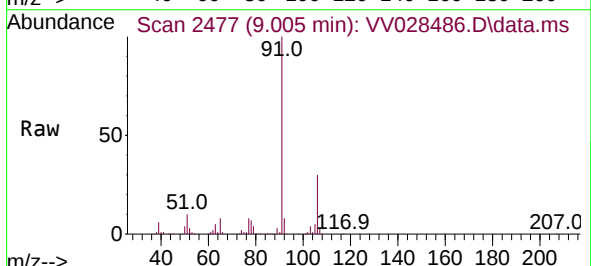
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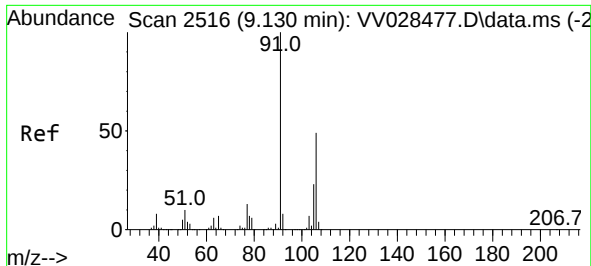
Tgt Ion: 91 Resp: 168767

Ion Ratio Lower Upper

91 100

106 29.7 21.4 39.8

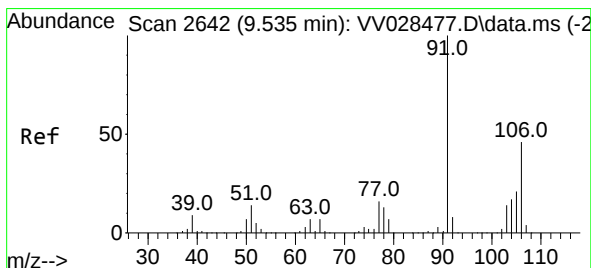
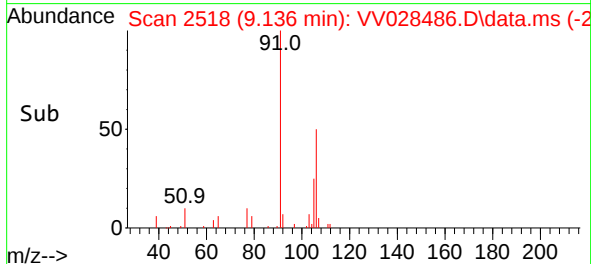
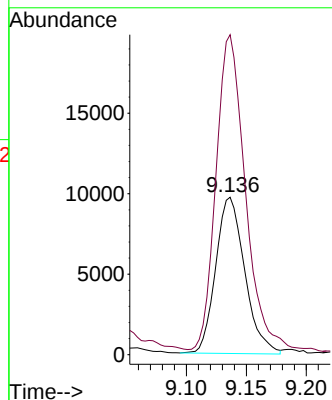
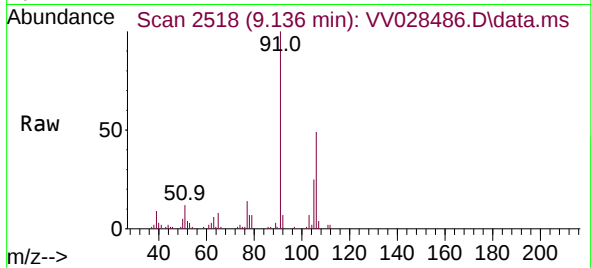




#53
m,p-Xylene
Concen: 3.606 ug/L
RT: 9.136 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

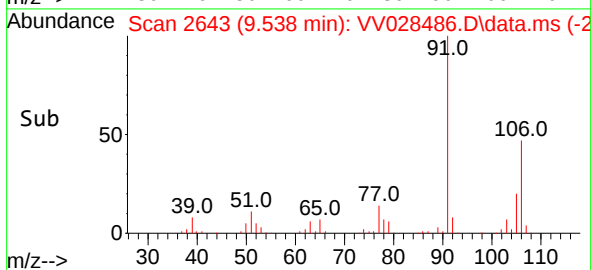
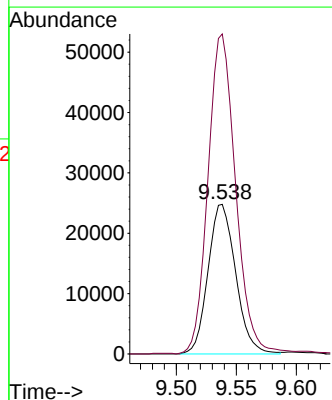
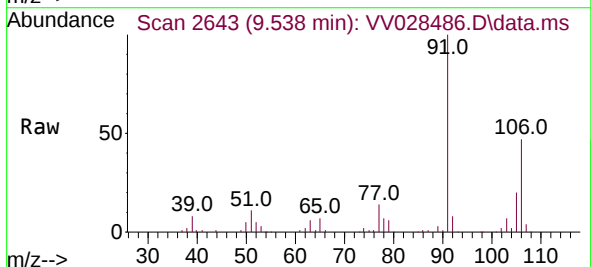
Instrument :
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ClientSampleId :
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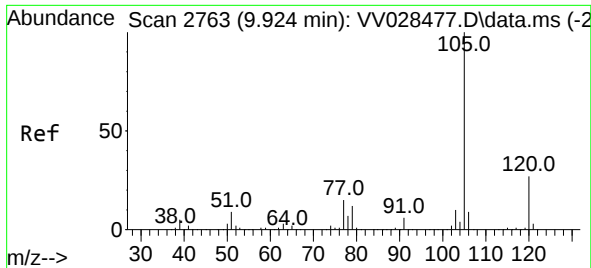
Tgt Ion:106 Resp: 16333
Ion Ratio Lower Upper
106 100
91 203.3 145.2 269.6



#54
o-Xylene
Concen: 8.765 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

Tgt Ion:106 Resp: 39753
Ion Ratio Lower Upper
106 100
91 213.8 152.5 283.3

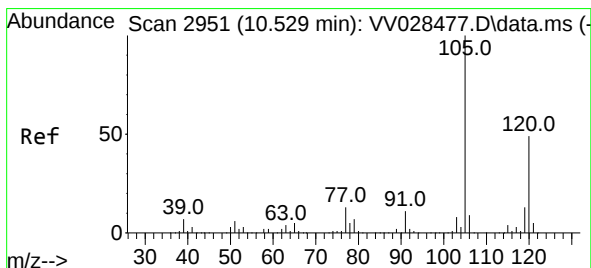
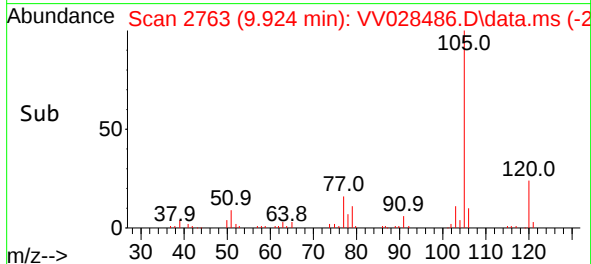
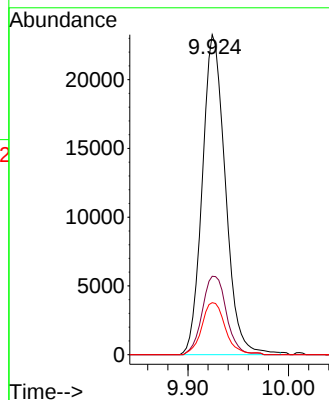
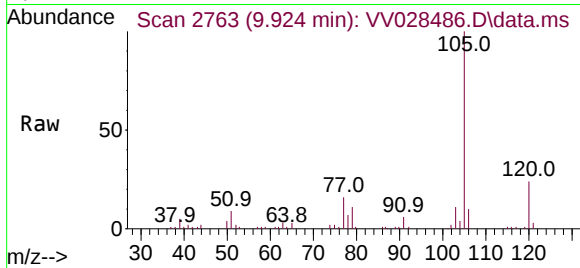




#60
Isopropylbenzene
Concen: 2.973 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

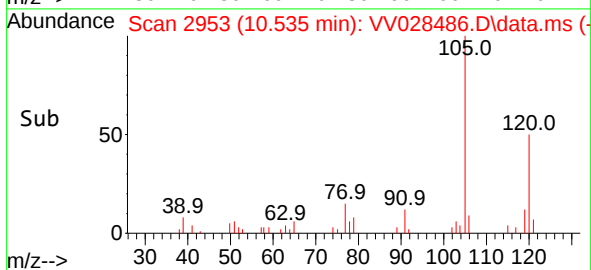
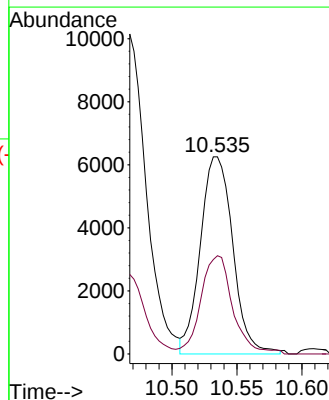
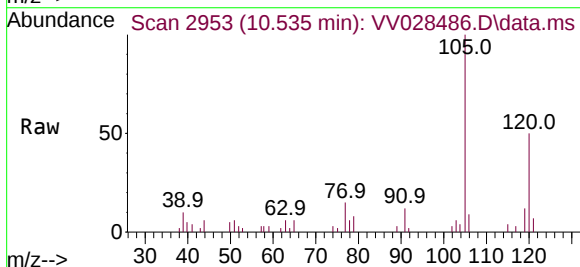
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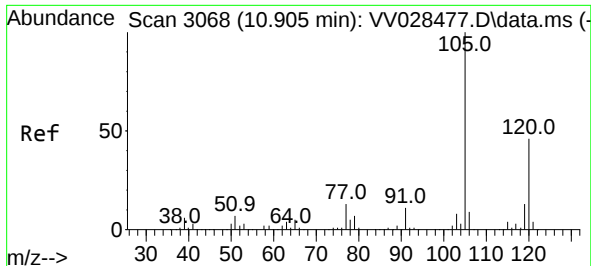
Tgt Ion:105 Resp: 37160
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.5 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 1.003 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VV028486.D
Acq: 09 Oct 2022 15:07

Tgt Ion:105 Resp: 10862
Ion Ratio Lower Upper
105 100
120 44.8 39.1 58.7

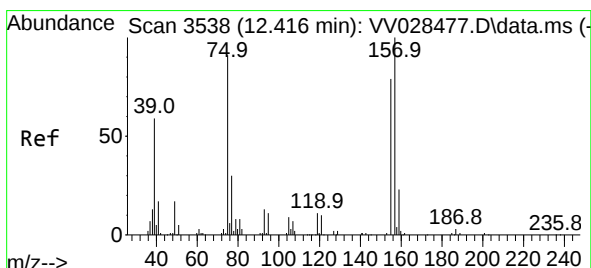
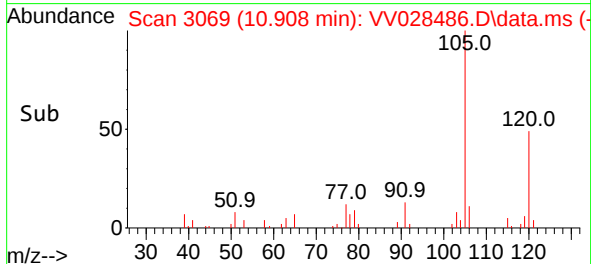
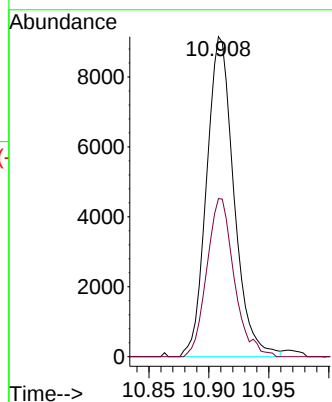
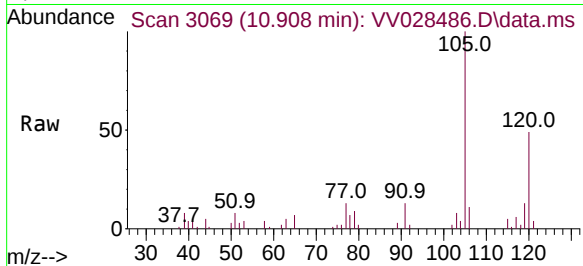




#63
 1,2,4-Trimethylbenzene
 Concen: 1.352 ug/L
 RT: 10.908 min Scan# 3068
 Delta R.T. 0.003 min
 Lab File: VV028486.D
 Acq: 09 Oct 2022 15:07

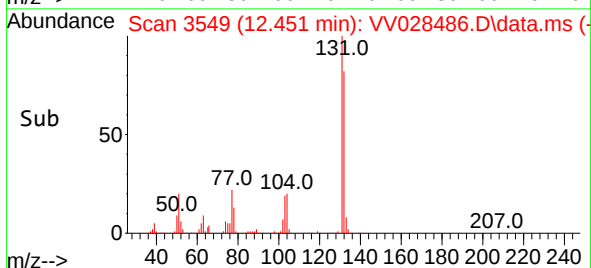
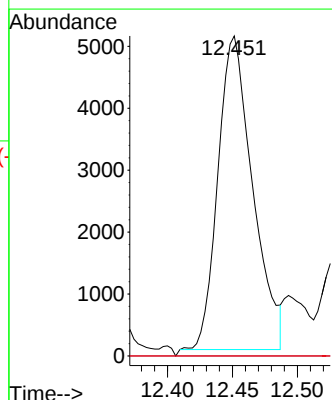
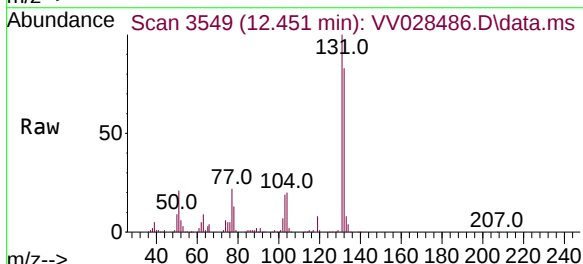
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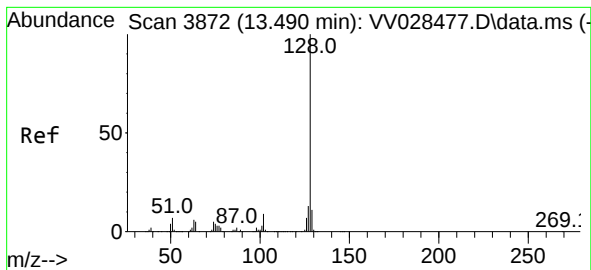
Tgt Ion:105 Resp: 14528
 Ion Ratio Lower Upper
 105 100
 120 47.5 35.9 53.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 8.342 ug/L
 RT: 12.451 min Scan# 3549
 Delta R.T. 0.035 min
 Lab File: VV028486.D
 Acq: 09 Oct 2022 15:07

Tgt Ion: 75 Resp: 9426
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.0 97.6#
 157 0.0 86.0 129.0#





#71

Naphthalene

Concen: 46.223 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028486.D

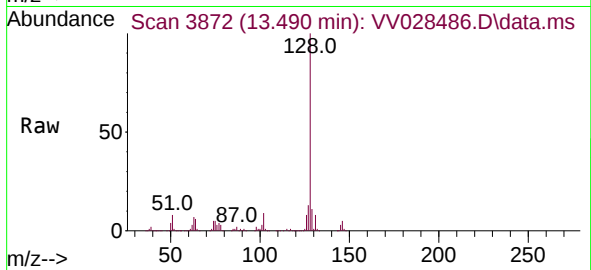
Acq: 09 Oct 2022 15:07

Instrument :

MSVOA_V

ClientSampleId :

E10044



Tgt Ion:128 Resp: 526119

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.9 13.3

