

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028457.D
 Acq On : 08 Oct 2022 23:27
 Operator : SY/MD
 Sample : N4923-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

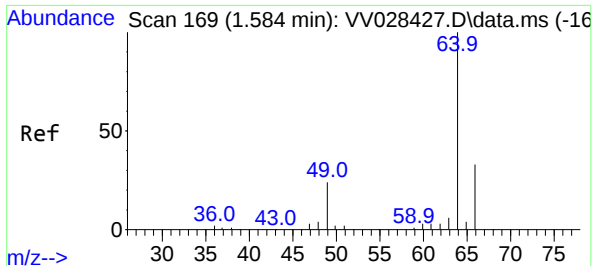
Instrument :
 MSVOA_V
 ClientSampleId :
 E10008

Quant Time: Oct 09 05:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	336400	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	311015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	161329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96291	37.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.200%		
7) Chloroethane-d5	1.565	69	74769	36.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.660%		
11) 1,1-Dichloroethene-d2	2.105	63	123601	27.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.960%#		
21) 2-Butanone-d5	3.905	46	160586	70.672	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.670%		
24) Chloroform-d	4.343	84	197583	41.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.000%		
26) 1,2-Dichloroethane-d4	5.027	65	136479	44.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
32) Benzene-d6	5.043	84	420753	42.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.440%		
36) 1,2-Dichloropropane-d6	6.066	67	127952	39.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.760%		
41) Toluene-d8	7.310	98	389071	43.605	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.200%		
43) trans-1,3-Dichloroprop...	7.616	79	66783	40.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.640%		
47) 2-Hexanone-d5	8.085	63	153387	86.778	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.780%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	174567	39.260	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.520%		
66) 1,2-Dichlorobenzene-d4	11.616	152	143840	43.029	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.060%		
Target Compounds						Qvalue
8) Chloroethane	1.494	64	45996	26.479	ug/L #	53
13) Acetone	2.204	43	44492	25.277	ug/L	99
14) Carbon disulfide	2.294	76	3109	0.494	ug/L	98
33) Benzene	5.092	78	3228162	315.588	ug/L	100
39) cis-1,3-Dichloropropene	6.982	75	4626	1.060	ug/L #	74
42) Toluene	7.381	91	3866946	366.759	ug/L	99
52) Ethylbenzene	9.005	91	253780	22.084	ug/L	98
53) m,p-Xylene	9.130	106	878560	201.701	ug/L	98
54) o-Xylene	9.535	106	440812	101.073	ug/L	99
55) Styrene	9.551	104	852303	113.796	ug/L	99
60) Isopropylbenzene	9.928	105	12691	1.092	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	378536	37.596	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	874167	87.470	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.452	75	88975	84.656	ug/L #	2

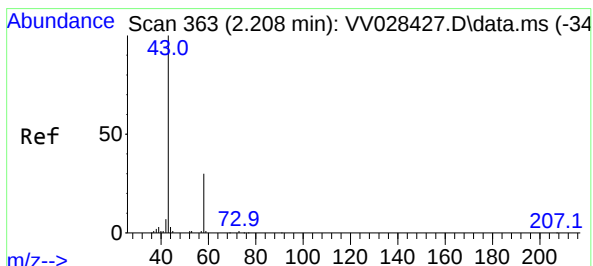
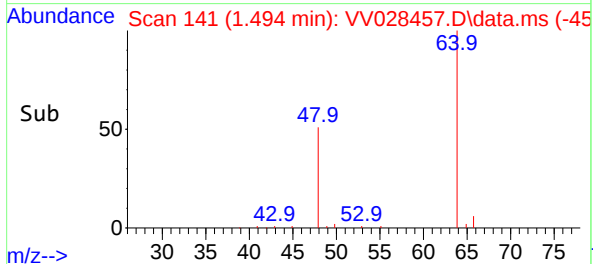
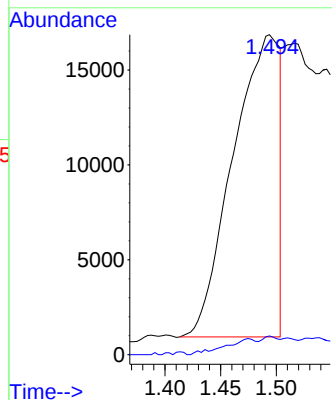
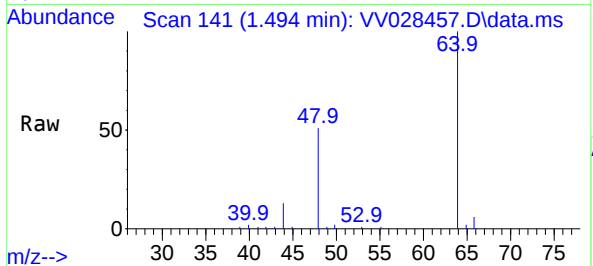
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 26.479 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.090 min
Lab File: VV028457.D
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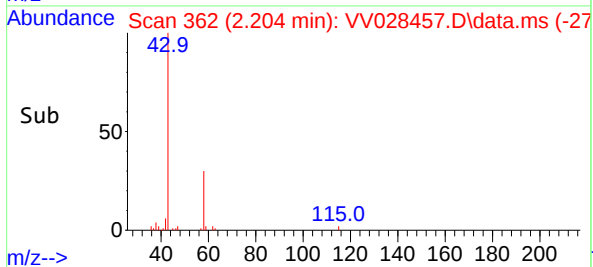
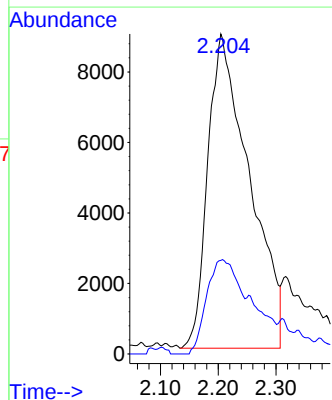
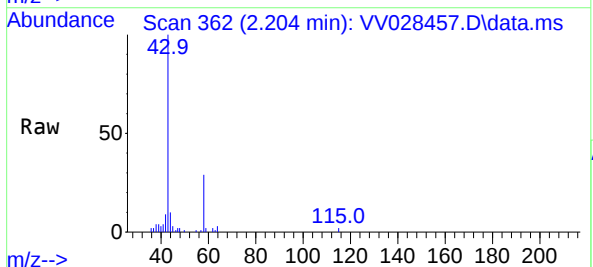
Instrument :
MSVOA_V
ClientSampleId :
E10008

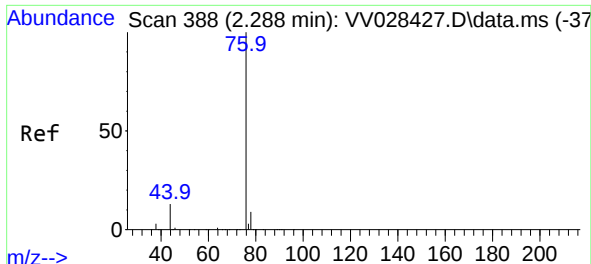
Tgt Ion: 64 Resp: 45996
Ion Ratio Lower Upper
64 100
66 5.8 22.2 41.2#



#13
Acetone
Concen: 25.277 ug/L
RT: 2.204 min Scan# 362
Delta R.T. -0.003 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

Tgt Ion: 43 Resp: 44492
Ion Ratio Lower Upper
43 100
58 23.2 0.0 47.0

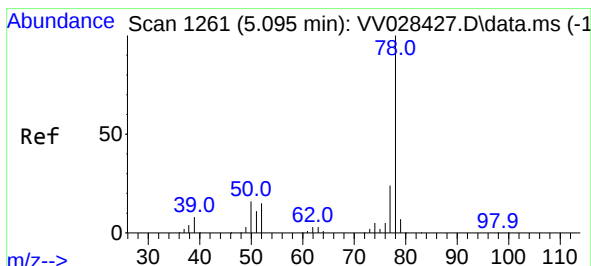
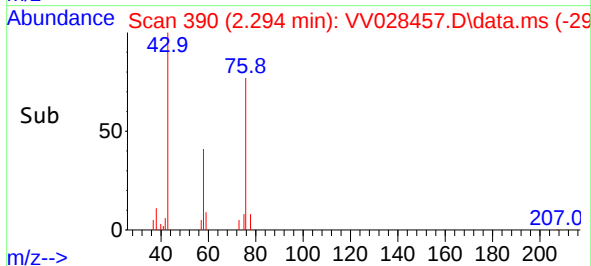
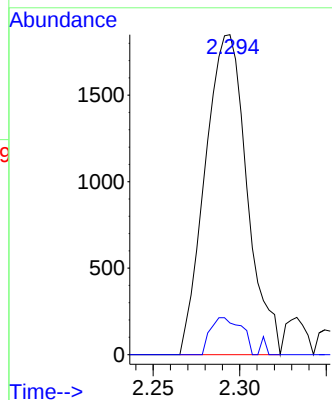
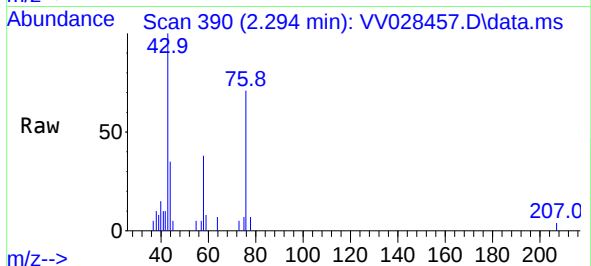




#14
Carbon disulfide
Concen: 0.494 ug/L
RT: 2.294 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

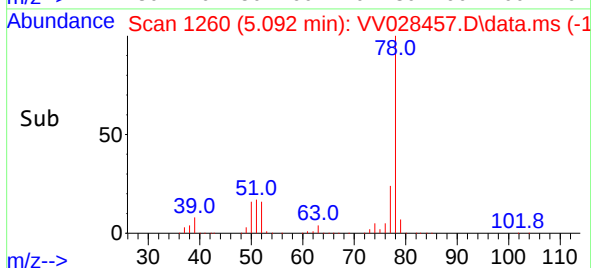
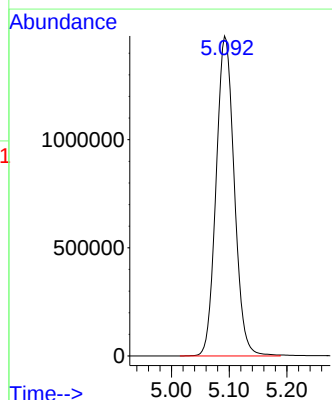
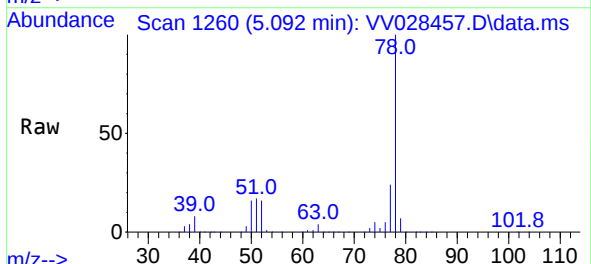
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ClientSampleId :
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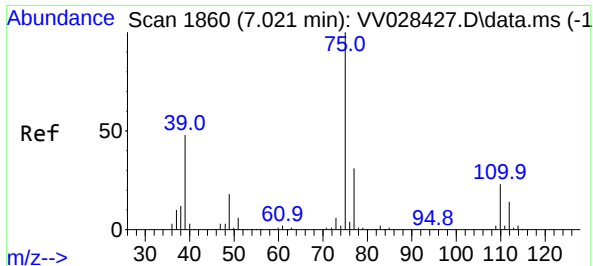
Tgt Ion: 76 Resp: 3109
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#33
Benzene
Concen: 315.588 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

Tgt Ion: 78 Resp: 3228162





#39

cis-1,3-Dichloropropene

Concen: 1.060 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028457.D

Acq: 08 Oct 2022 23:27

Instrument :

MSVOA_V

ClientSampleId :

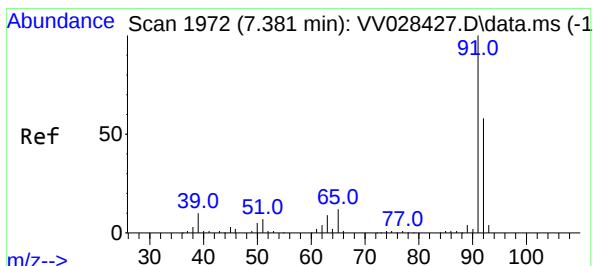
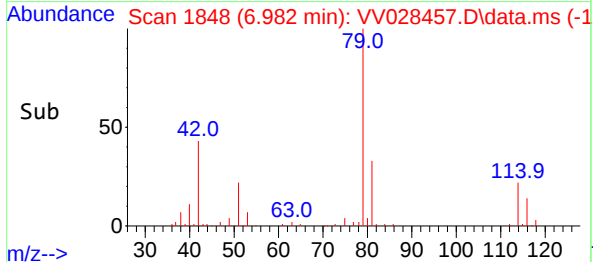
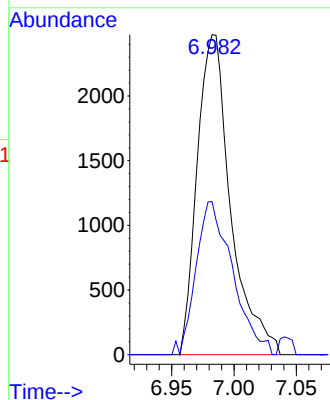
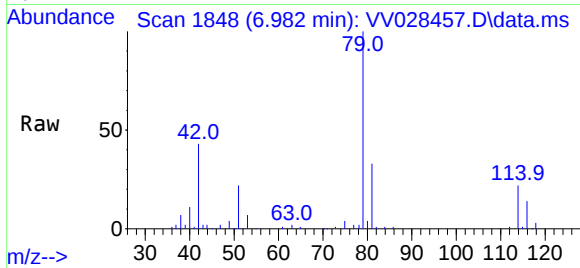
E10008

Tgt Ion: 75 Resp: 4626

Ion Ratio Lower Upper

75 100

77 47.9 23.2 43.0#



#42

Toluene

Concen: 366.759 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028457.D

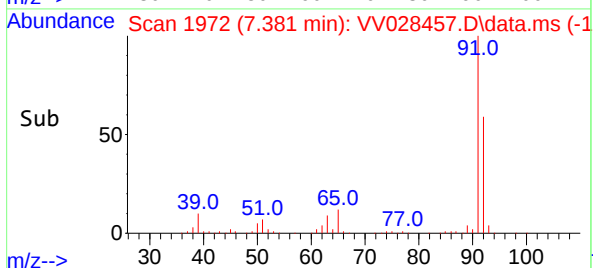
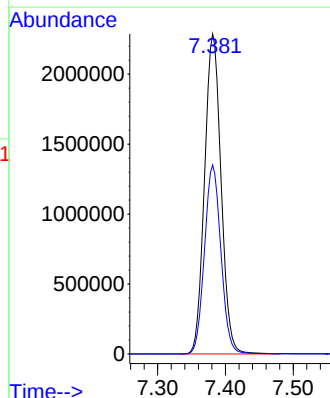
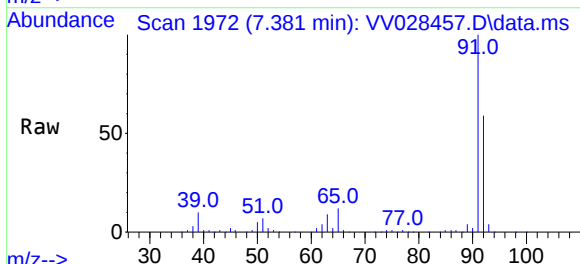
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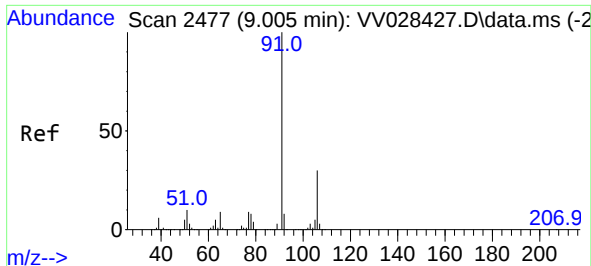
Tgt Ion: 91 Resp: 3866946

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0

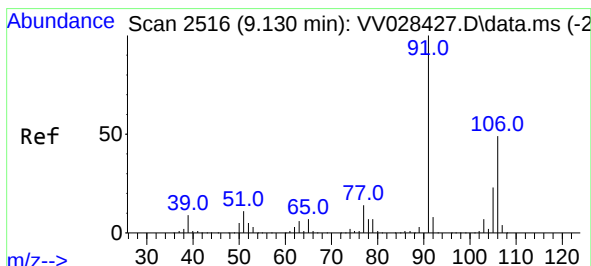
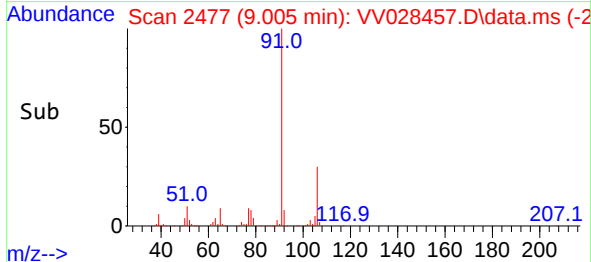
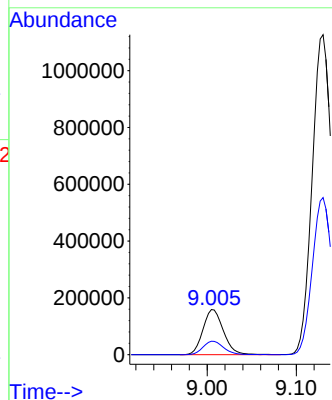
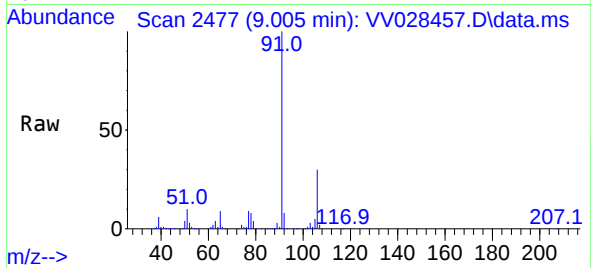




#52
Ethylbenzene
Concen: 22.084 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

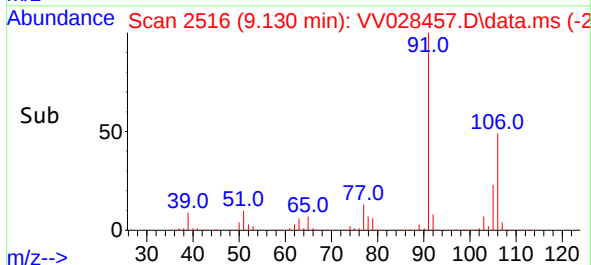
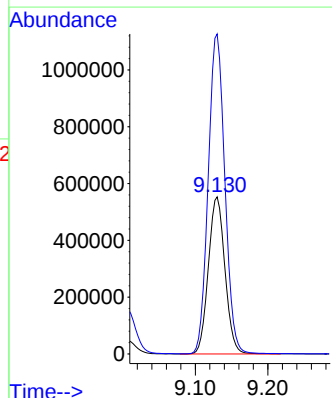
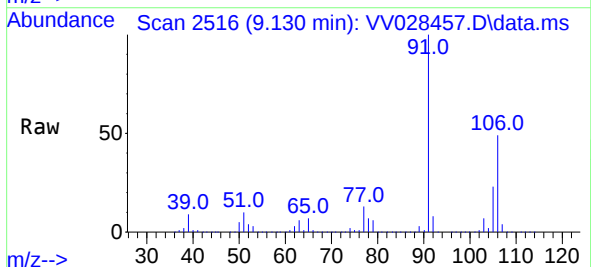
Instrument :
MSVOA_V
ClientSampleId :
E10008

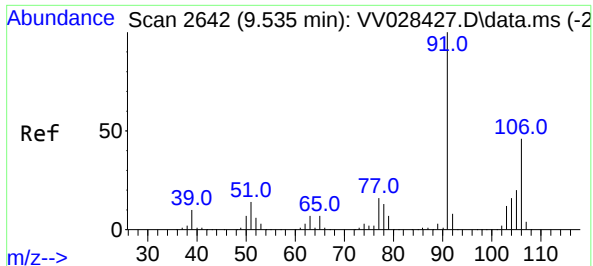
Tgt Ion: 91 Resp: 253780
Ion Ratio Lower Upper
91 100
106 29.7 21.4 39.8



#53
m,p-Xylene
Concen: 201.701 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

Tgt Ion:106 Resp: 878560
Ion Ratio Lower Upper
106 100
91 203.7 145.2 269.6

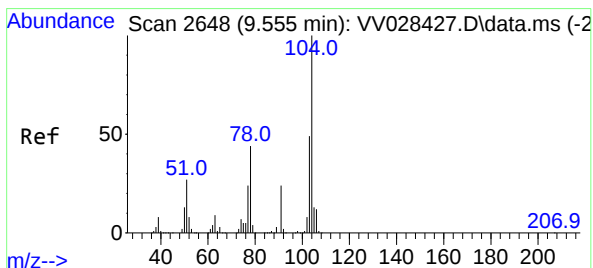
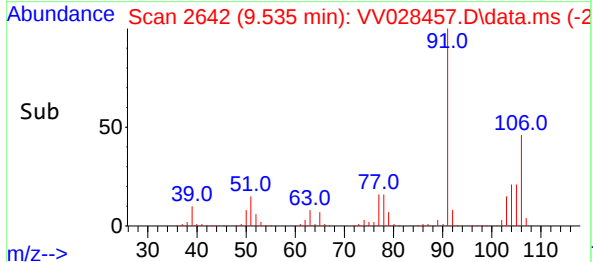
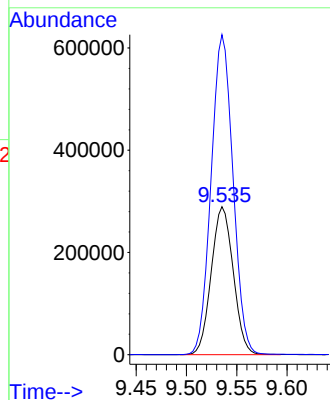
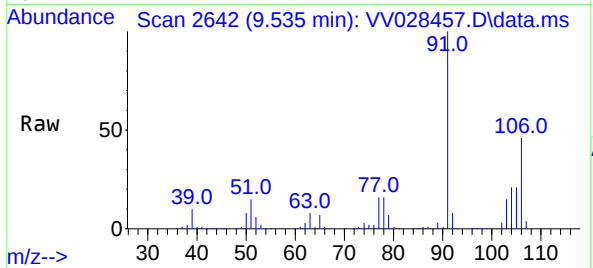




#54
o-Xylene
Concen: 101.073 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

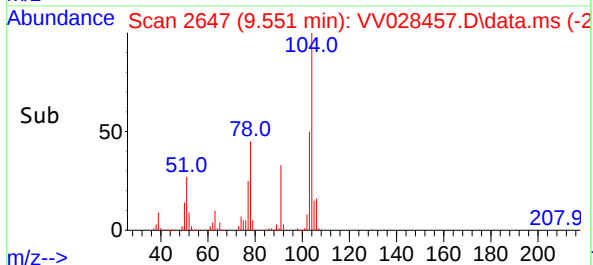
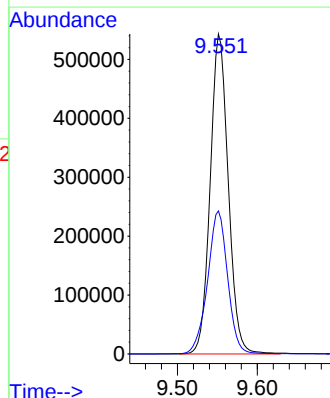
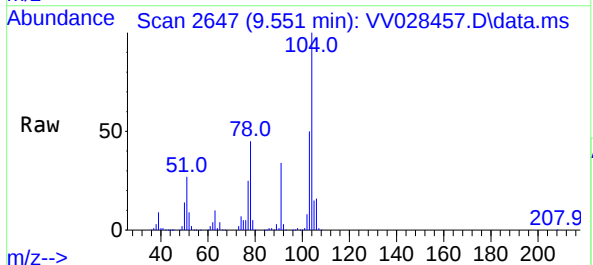
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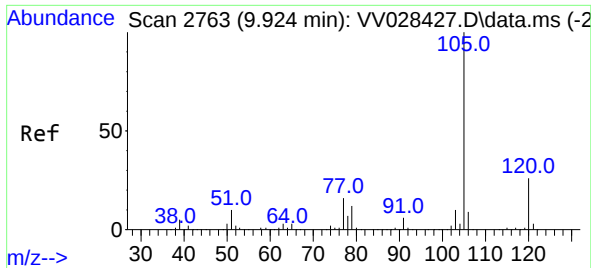
Tgt Ion:106 Resp: 440812
Ion Ratio Lower Upper
106 100
91 216.3 152.5 283.3



#55
Styrene
Concen: 113.796 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

Tgt Ion:104 Resp: 852303
Ion Ratio Lower Upper
104 100
78 44.7 31.9 59.2

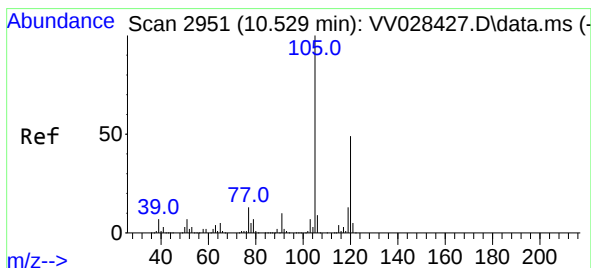
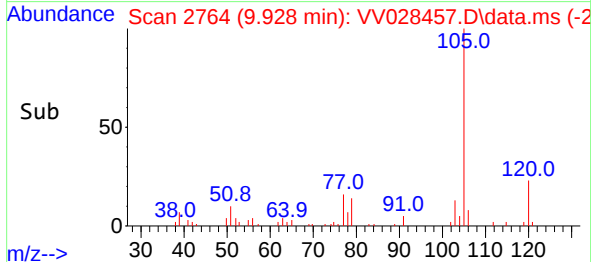
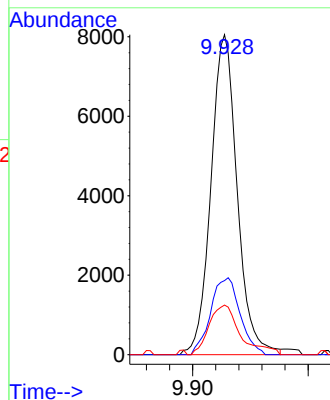
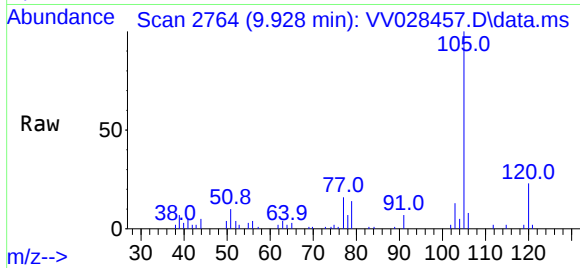




#60
Isopropylbenzene
Concen: 1.092 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

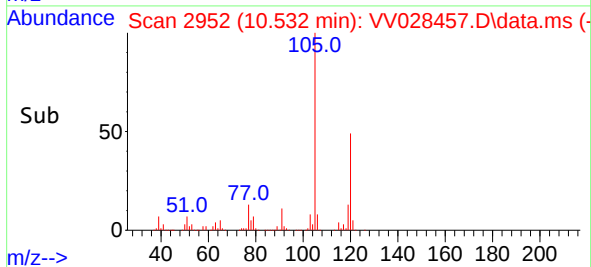
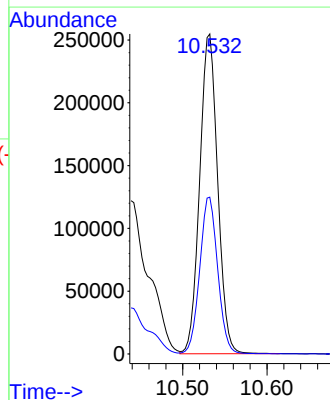
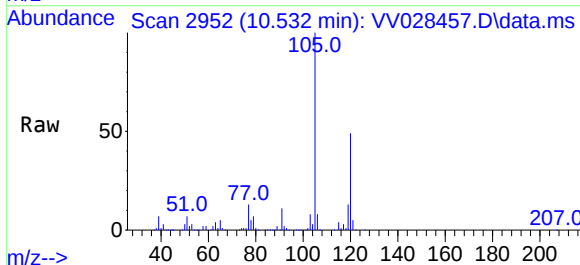
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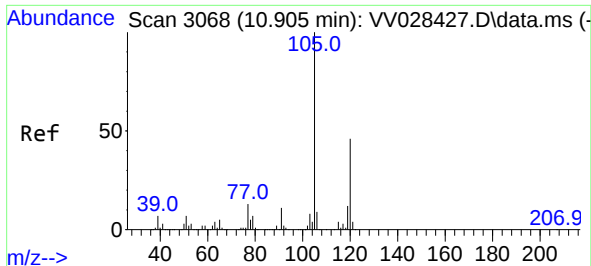
Tgt Ion:105 Resp: 12691
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 18.4 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 37.596 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028457.D
Acq: 08 Oct 2022 23:27

Tgt Ion:105 Resp: 378536
Ion Ratio Lower Upper
105 100
120 48.9 39.1 58.7

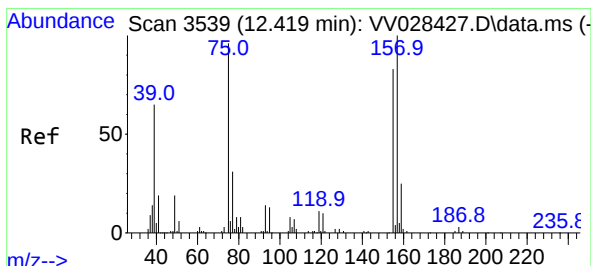
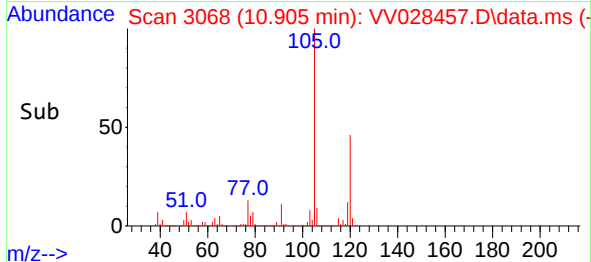
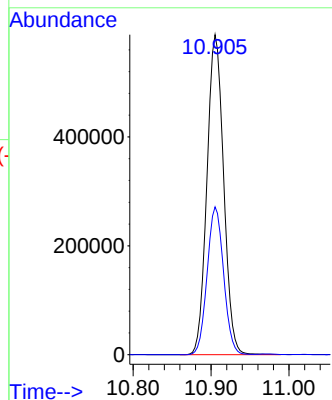
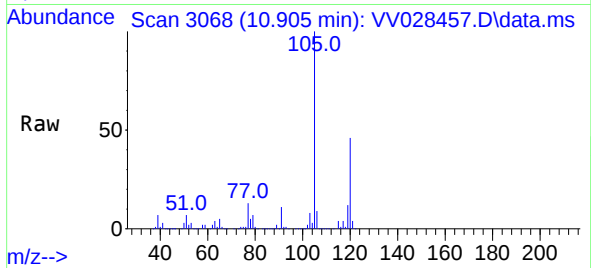




#63
 1,2,4-Trimethylbenzene
 Concen: 87.470 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV028457.D
 Acq: 08 Oct 2022 23:27

Instrument :
 MSVOA_V
 ClientSampleId :
 E10008

Tgt Ion:105 Resp: 874167
 Ion Ratio Lower Upper
 105 100
 120 45.5 35.9 53.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 84.656 ug/L
 RT: 12.452 min Scan# 3549
 Delta R.T. 0.032 min
 Lab File: VV028457.D
 Acq: 08 Oct 2022 23:27

Tgt Ion: 75 Resp: 88975
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.0 97.6#
 157 0.0 86.0 129.0#

