

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028456.D
 Acq On : 08 Oct 2022 23:02
 Operator : SY/MD
 Sample : N4923-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10007

Quant Time: Oct 10 01:38:30 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)

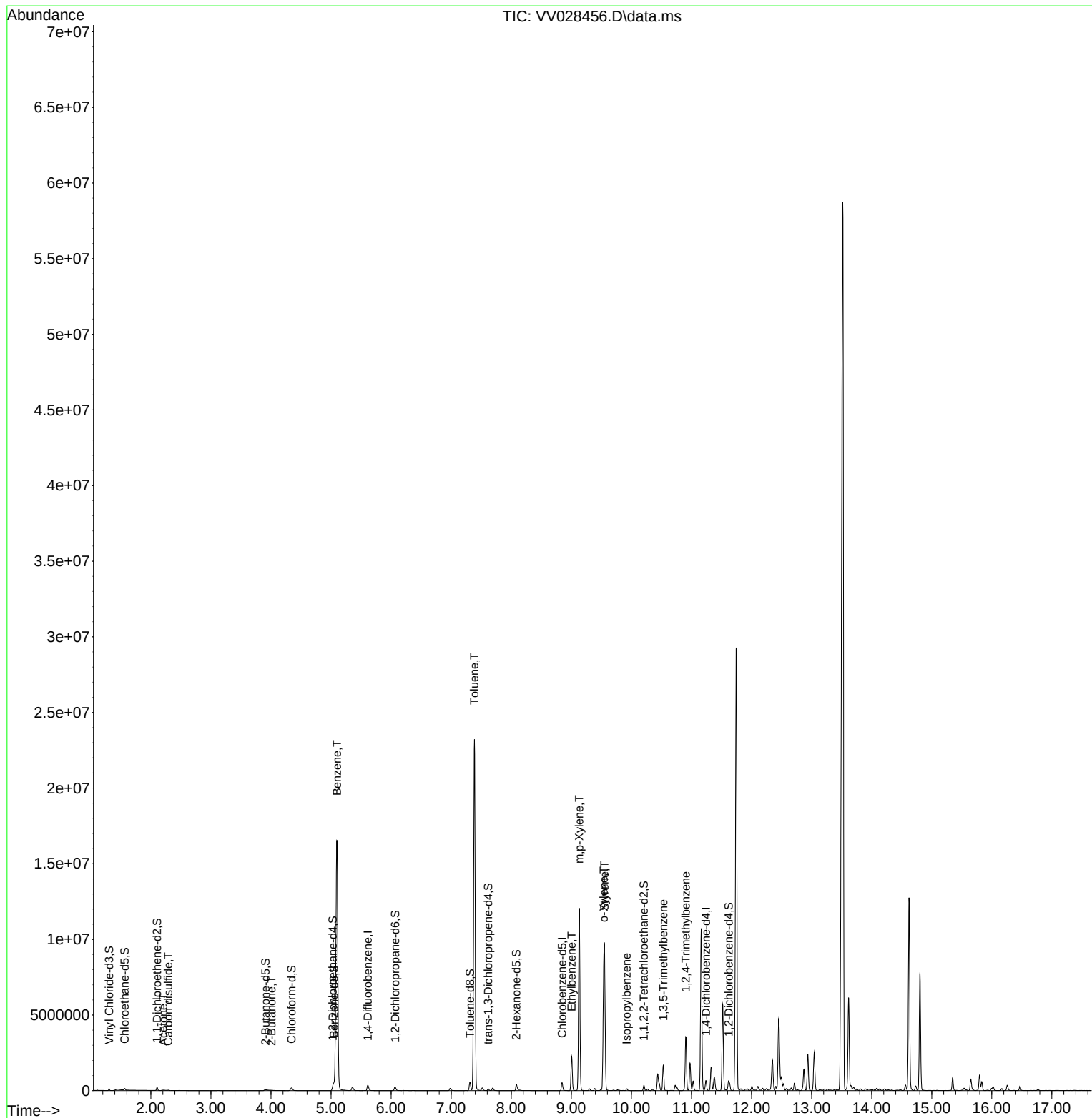
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	309217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	285687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	153276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82872	34.733	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.460%		
7) Chloroethane-d5	1.564	69	64781	34.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.480%#		
11) 1,1-Dichloroethene-d2	2.105	63	111491	27.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.920%#		
21) 2-Butanone-d5	3.908	46	190776	91.339	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.340%		
24) Chloroform-d	4.342	84	192491	43.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
26) 1,2-Dichloroethane-d4	5.030	65	135306	47.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
32) Benzene-d6	5.047	84	401541	43.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.720%		
36) 1,2-Dichloropropane-d6	6.066	67	121614	40.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.500%		
41) Toluene-d8	7.313	98	360652	44.003	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.000%		
43) trans-1,3-Dichloroprop...	7.616	79	58768	38.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.260%		
47) 2-Hexanone-d5	8.085	63	156460	96.365	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.360%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	159821	39.130	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.260%		
66) 1,2-Dichlorobenzene-d4	11.619	152	140078	44.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.220%		
Target Compounds					Qvalue	
13) Acetone	2.204	43	130998	80.965	ug/L	74
14) Carbon disulfide	2.291	76	26947	4.659	ug/L	100
22) 2-Butanone	4.008	43	41866	19.628	ug/L	79
33) Benzene	5.098	78	16133355	1717.040	ug/L	100
42) Toluene	7.384	91	16004749	1652.541	ug/L	89
52) Ethylbenzene	9.005	91	1544952	146.359	ug/L	100
53) m,p-Xylene	9.133	106	3277662	819.202	ug/L	93
54) o-Xylene	9.538	106	1588113	396.417	ug/L	98
55) Styrene	9.554	104	3403036	494.642	ug/L	99
60) Isopropylbenzene	9.924	105	69830	6.322	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	860715	89.977	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	1884889	198.513	ug/L	99

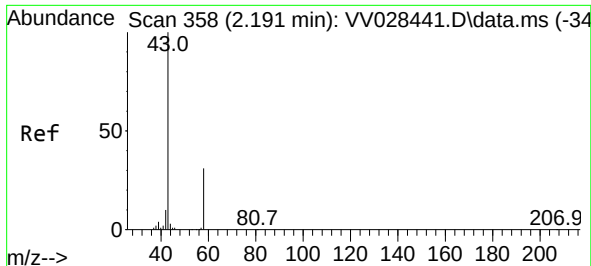
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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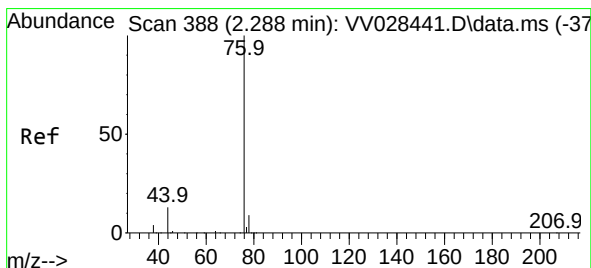
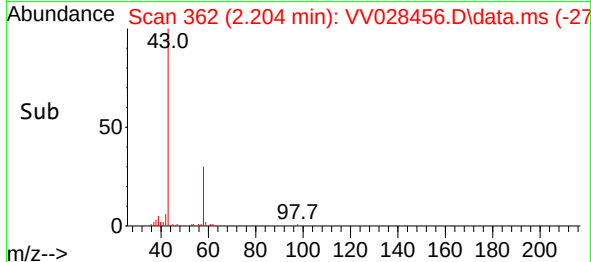
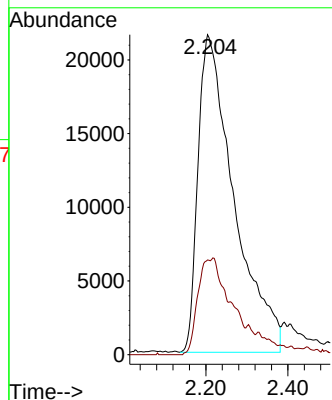
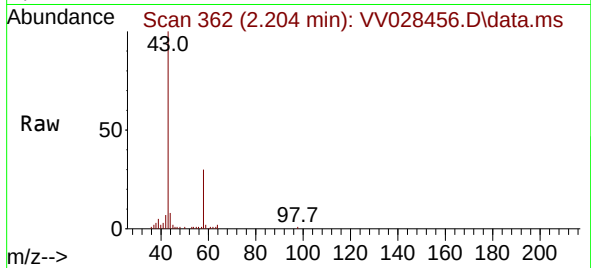




#13
Acetone
Concen: 80.965 ug/L
RT: 2.204 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

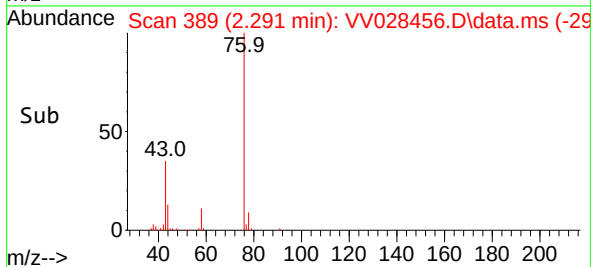
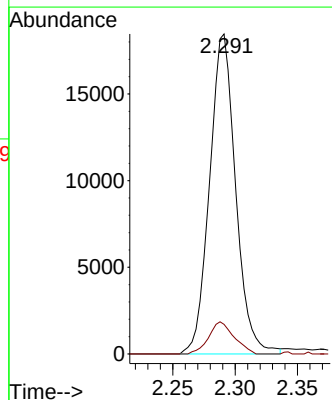
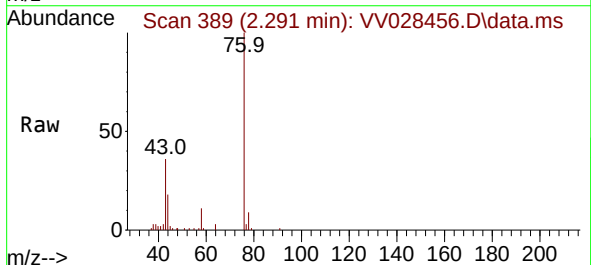
Instrument :
MSVOA_V
ClientSampleId :
E10007

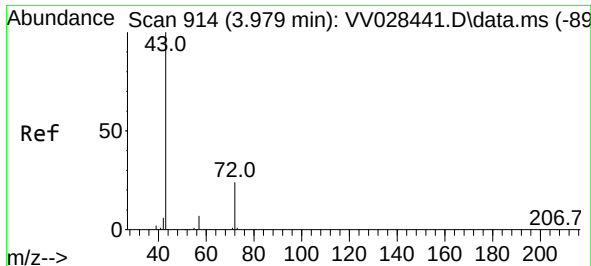
Tgt Ion: 43 Resp: 130998
Ion Ratio Lower Upper
43 100
58 10.7 0.0 47.0



#14
Carbon disulfide
Concen: 4.659 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 76 Resp: 26947
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

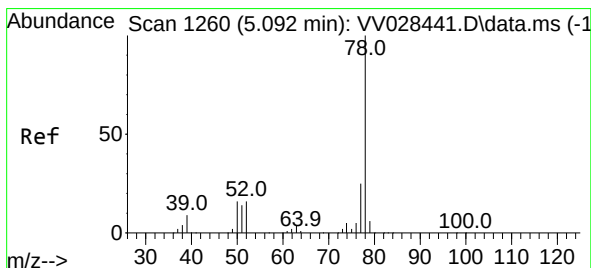
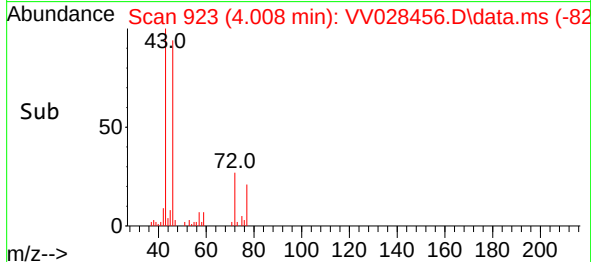
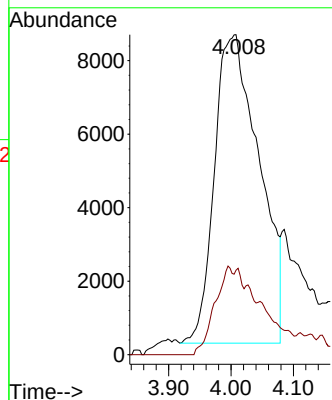
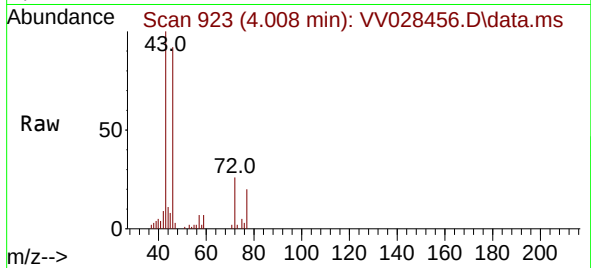




#22
2-Butanone
Concen: 19.628 ug/L
RT: 4.008 min Scan# 914
Delta R.T. 0.019 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

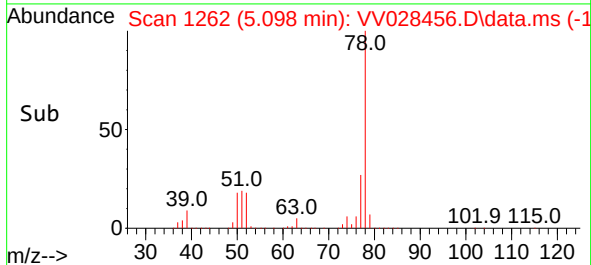
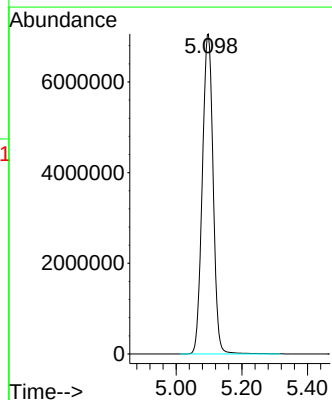
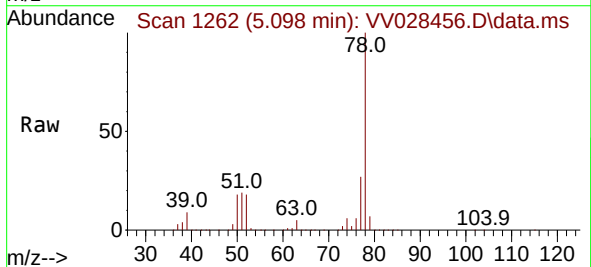
Instrument :
MSVOA_V
ClientSampleId :
E10007

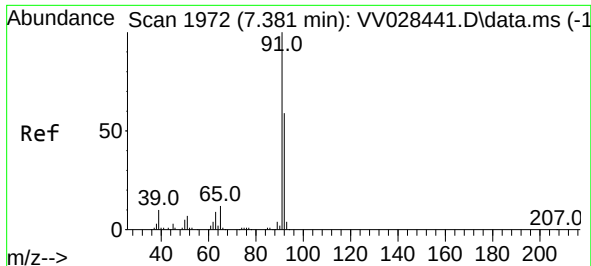
Tgt Ion: 43 Resp: 41866
Ion Ratio Lower Upper
43 100
72 12.0 11.1 33.1



#33
Benzene
Concen: 1717.040 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 78 Resp:16133355

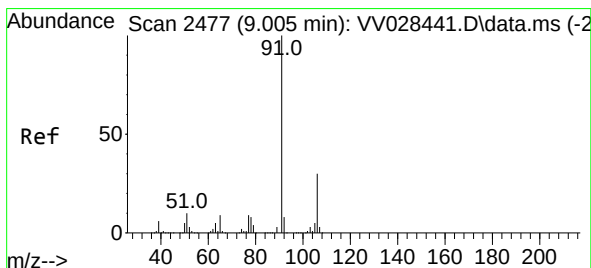
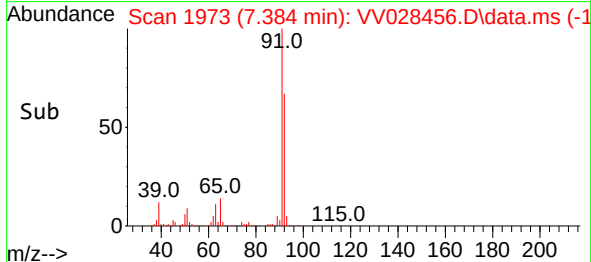
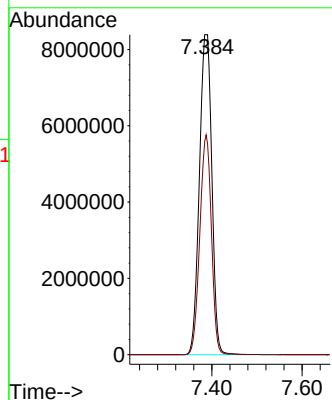
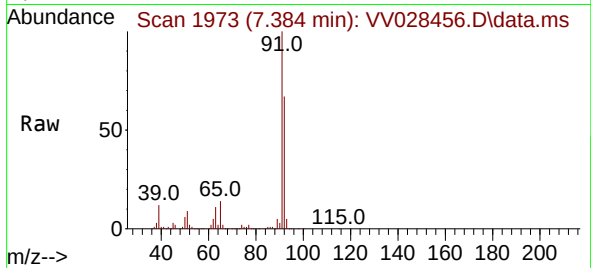




#42
Toluene
Concen: 1652.541 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

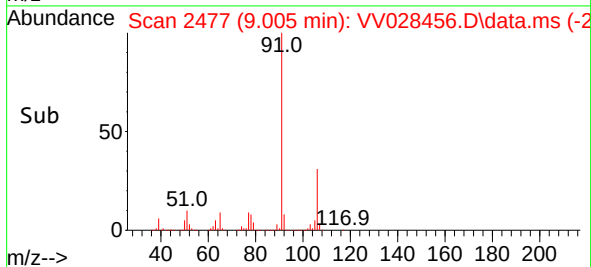
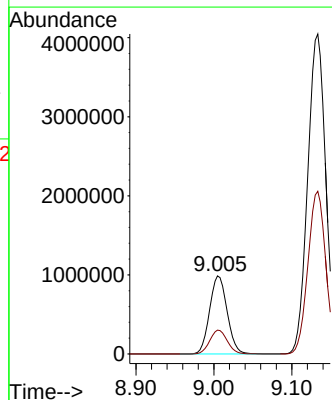
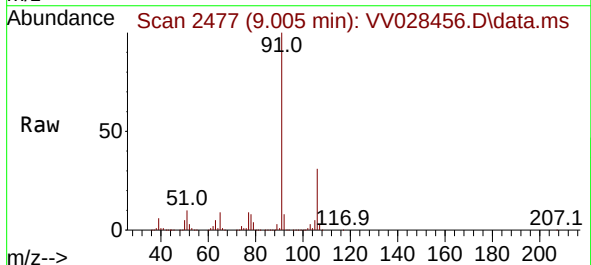
Instrument :
MSVOA_V
ClientSampleId :
E10007

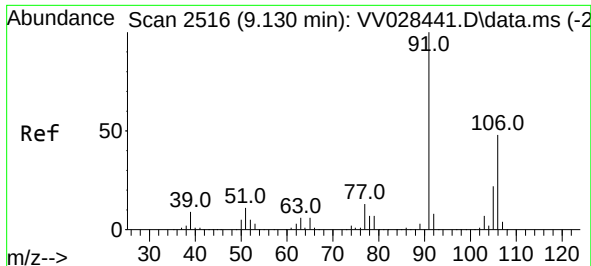
Tgt Ion: 91 Resp:16004749
Ion Ratio Lower Upper
91 100
92 66.6 40.9 76.0



#52
Ethylbenzene
Concen: 146.359 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 91 Resp: 1544952
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8

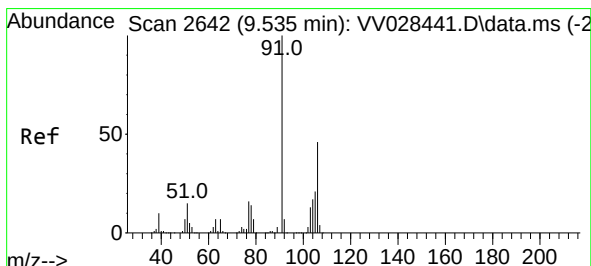
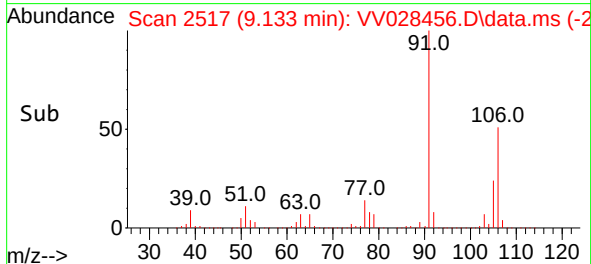
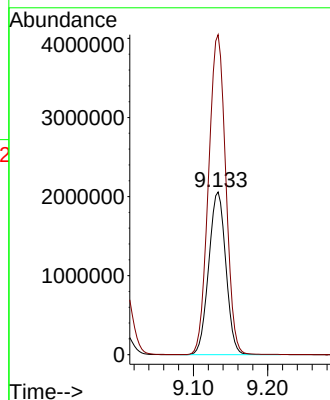
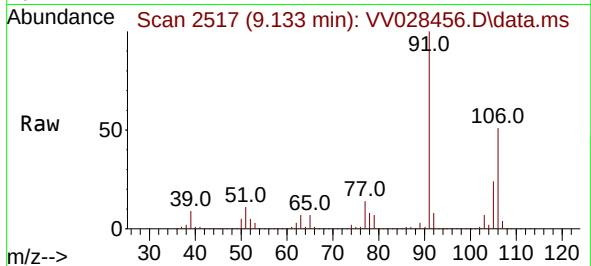




#53
m,p-Xylene
Concen: 819.202 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

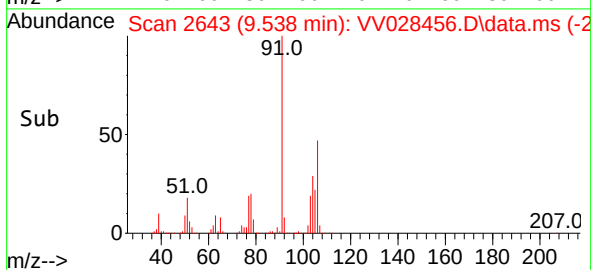
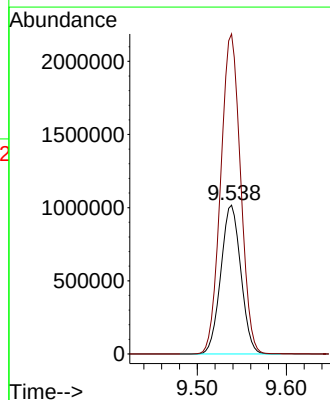
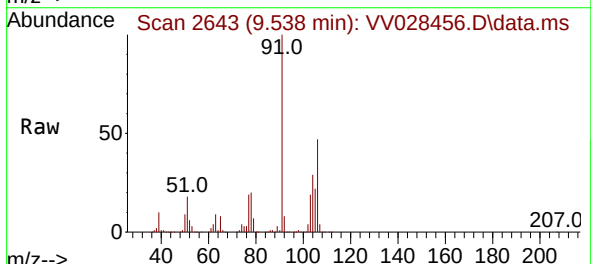
Instrument :
MSVOA_V
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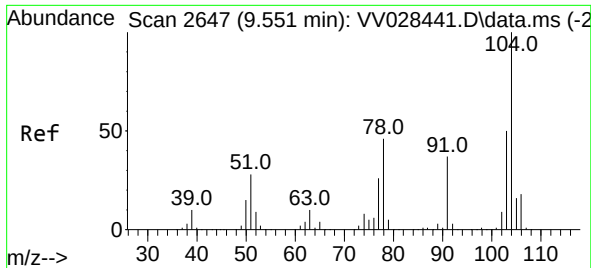
Tgt Ion:106 Resp: 3277662
Ion Ratio Lower Upper
106 100
91 196.7 145.2 269.6



#54
o-Xylene
Concen: 396.417 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion:106 Resp: 1588113
Ion Ratio Lower Upper
106 100
91 215.0 152.5 283.3

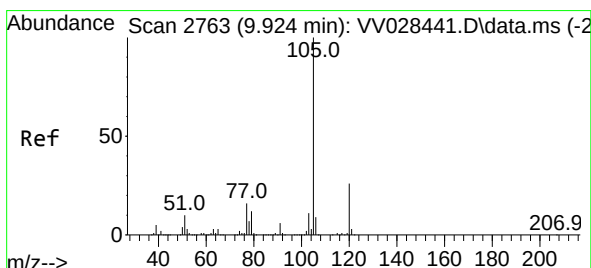
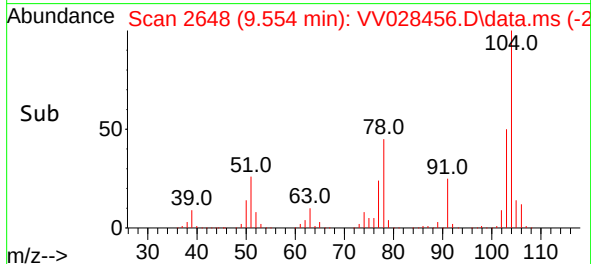
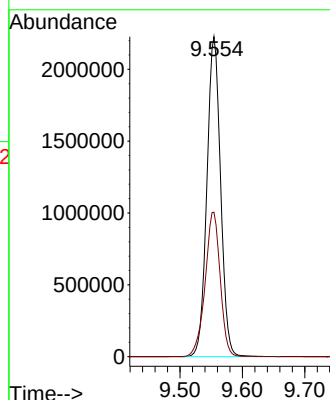
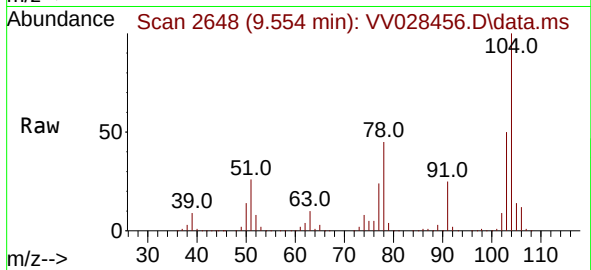




#55
Styrene
Concen: 494.642 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028456.D
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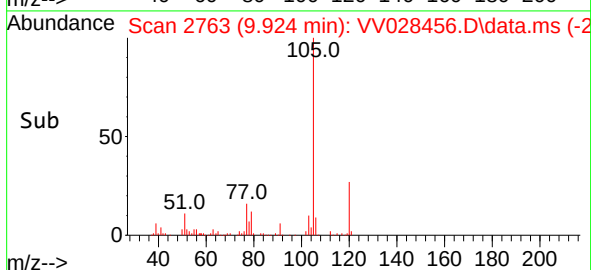
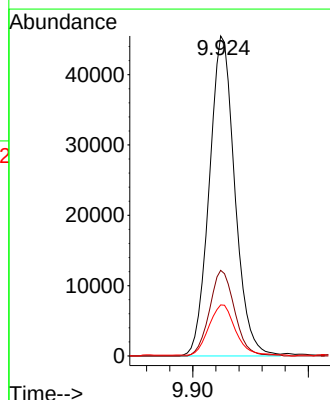
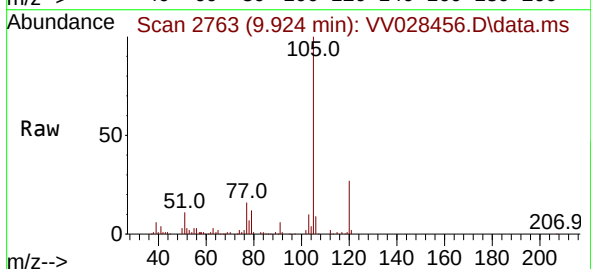
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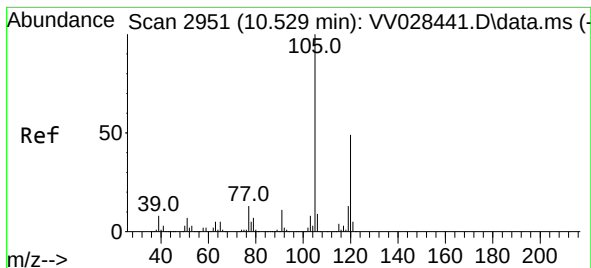
Tgt Ion:104 Resp: 3403036
Ion Ratio Lower Upper
104 100
78 45.2 31.9 59.2



#60
Isopropylbenzene
Concen: 6.322 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion:105 Resp: 69830
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 16.1 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 89.977 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028456.D

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Instrument :

MSVOA_V

ClientSampleId :

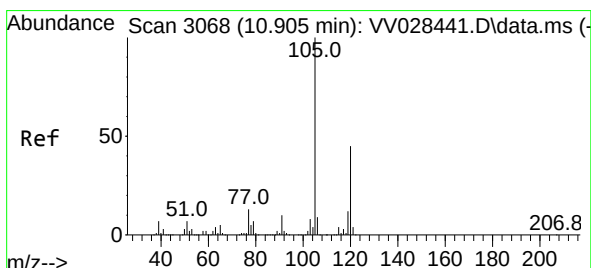
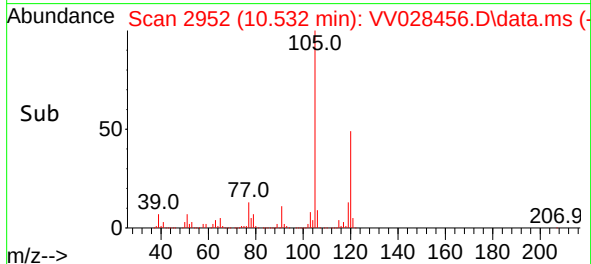
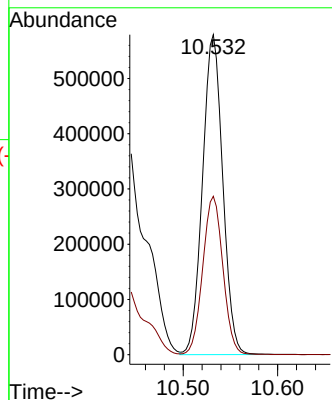
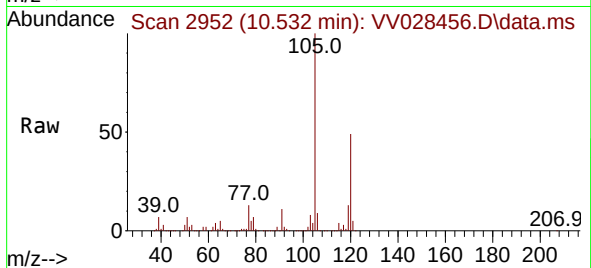
E10007

Tgt Ion:105 Resp: 860715

Ion Ratio Lower Upper

105 100

120 49.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 198.513 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV028456.D

Acq: 08 Oct 2022 23:02

Tgt Ion:105 Resp: 1884889

Ion Ratio Lower Upper

105 100

120 45.5 35.9 53.9

