

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028456.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 09 05:54:26 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)

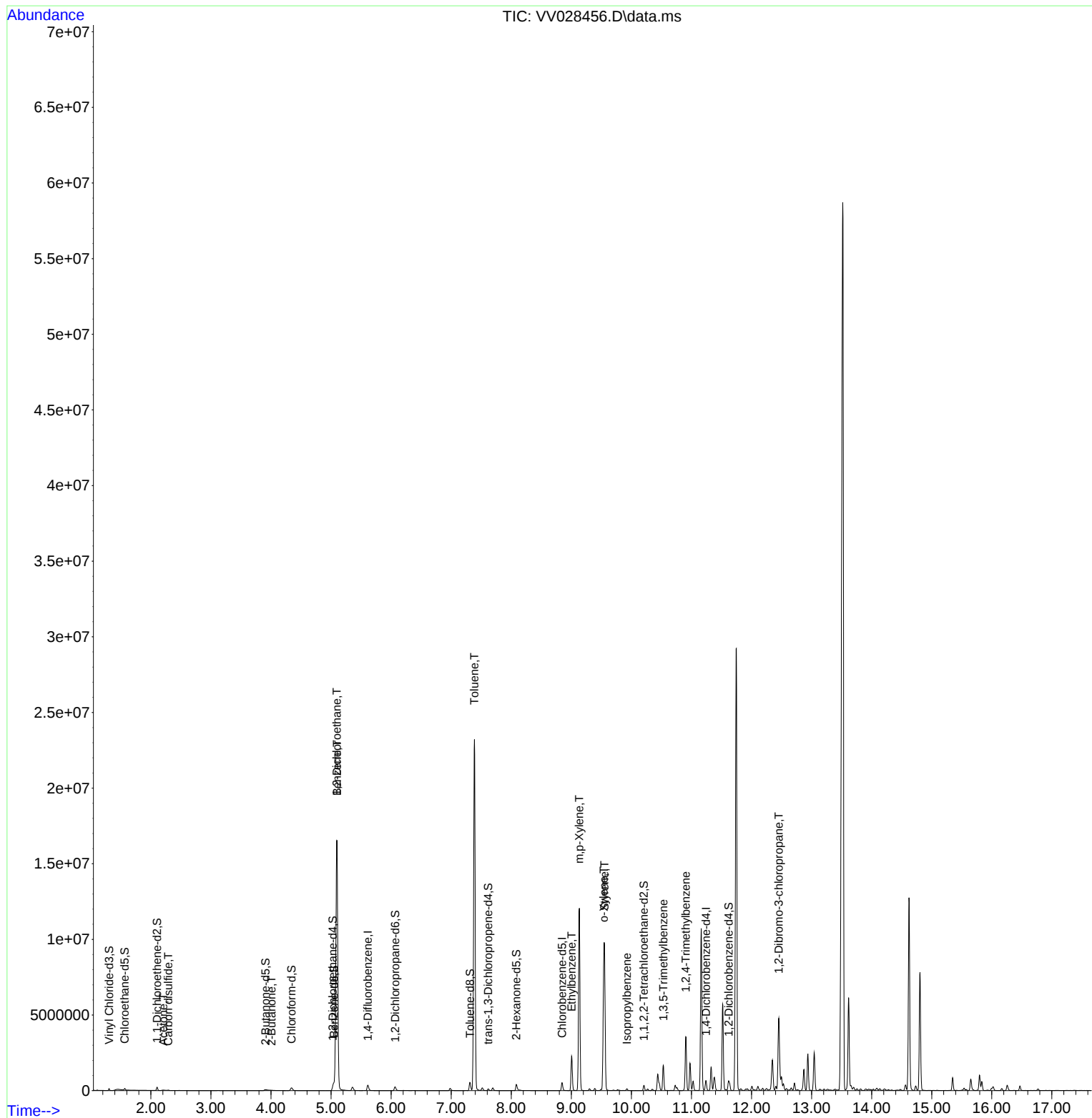
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	309217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	285687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	153276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82872	34.733	ug/L	0.00
Spiked Amount 50.000	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
27) 1,2-Dichloroethane	5.095	62	161236	50.020	ug/L #	74
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
68) 1,2-Dibromo-3-chloropr...	12.455	75	117739	117.909	ug/L #	2

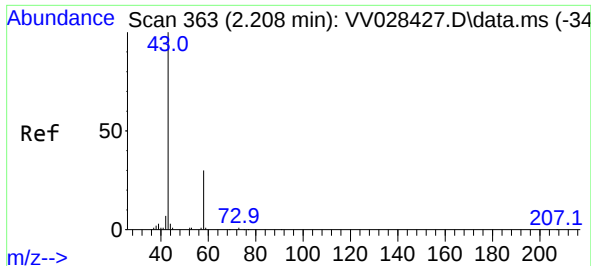
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 80.965 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV028456.D

Acq: 08 Oct 2022 23:02

Instrument :

MSVOA_V

ClientSampleId :

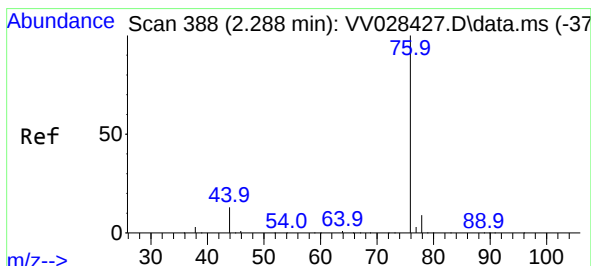
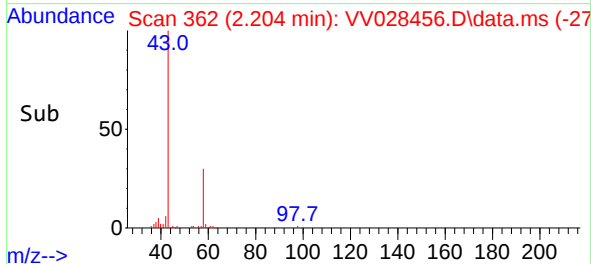
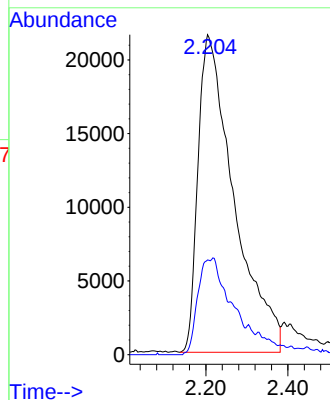
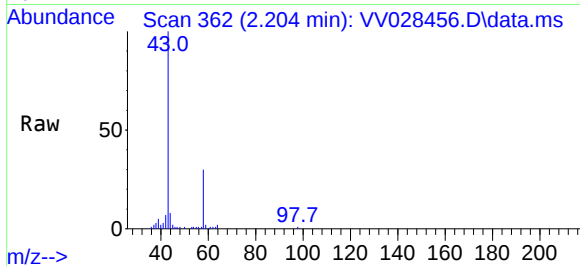
E10007

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

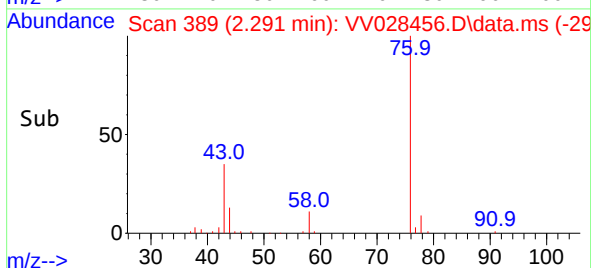
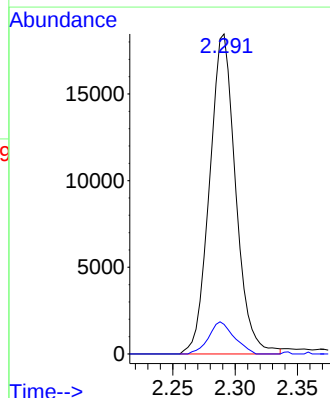
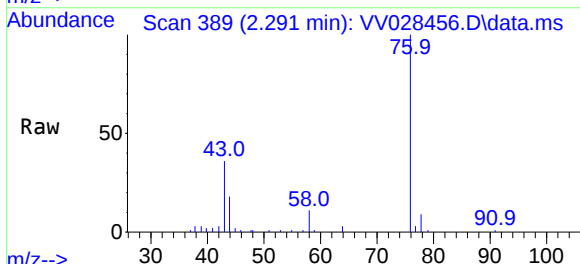
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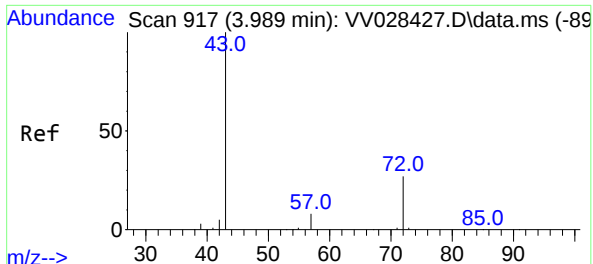
Tgt Ion: 76 Resp: 26947

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

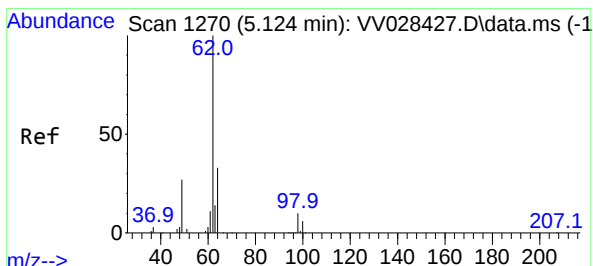
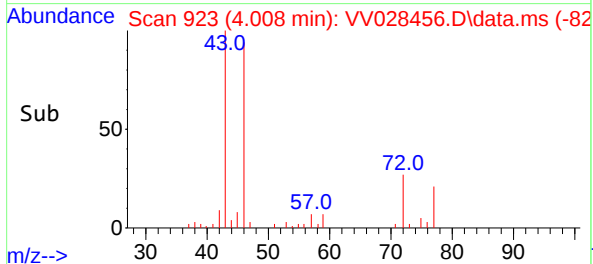
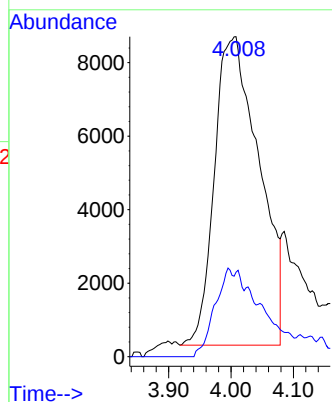
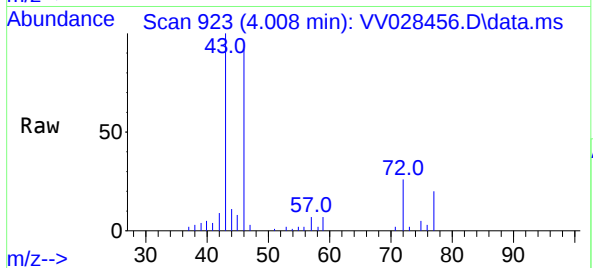




#22
2-Butanone
Concen: 19.628 ug/L
RT: 4.008 min Scan# 917
Delta R.T. 0.019 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

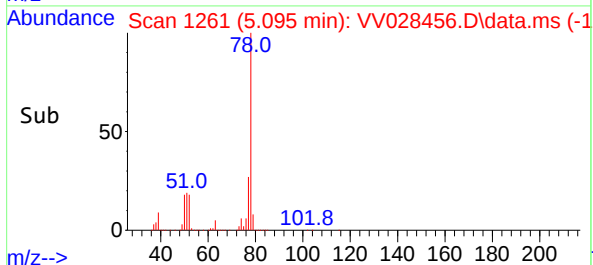
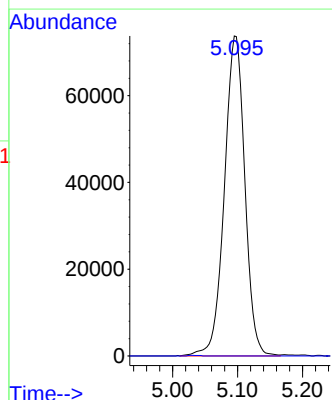
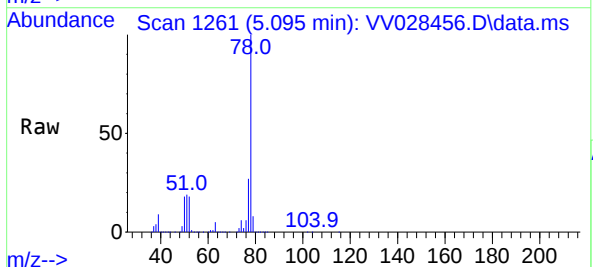
Instrument :
MSVOA_V
ClientSampleId :
E10007

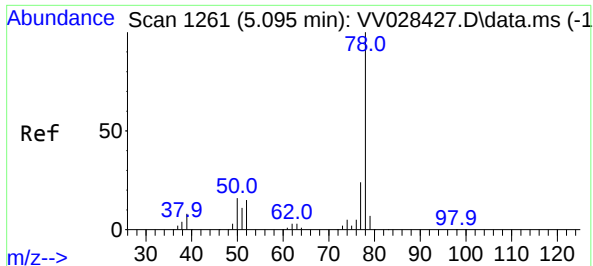
Tgt Ion: 43 Resp: 41866
Ion Ratio Lower Upper
43 100
72 12.0 11.1 33.1



#27
1,2-Dichloroethane
Concen: 50.020 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.029 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 62 Resp: 161236
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

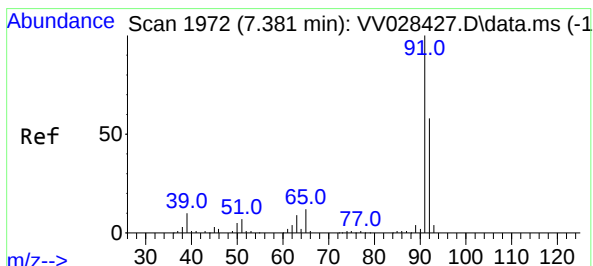
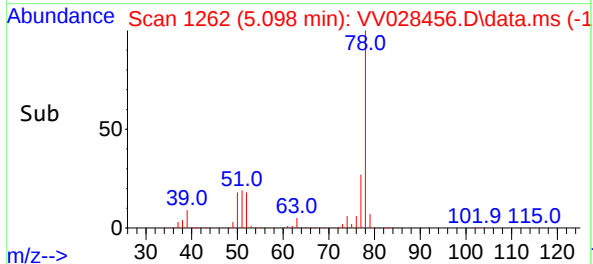
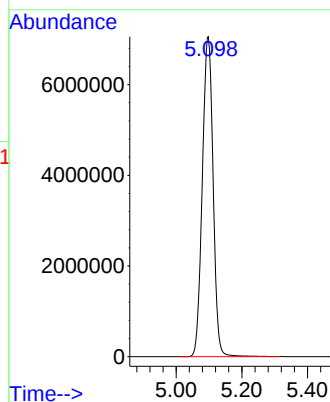
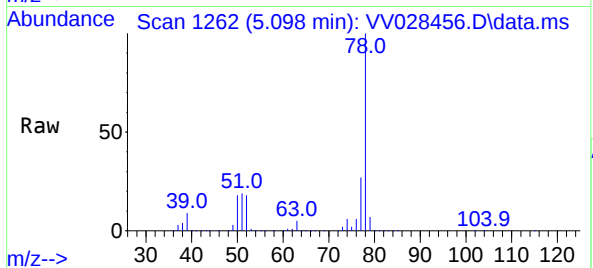




#33
Benzene
Concen: 1717.040 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
E10007

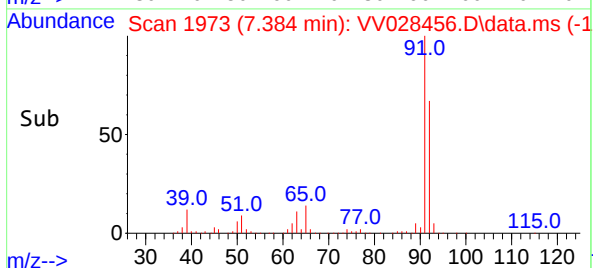
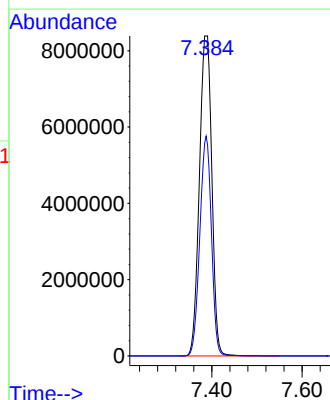
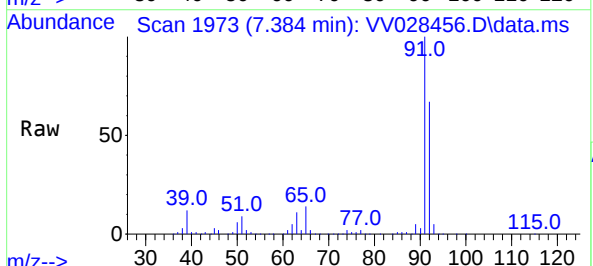
Tgt Ion: 78 Resp:16133355

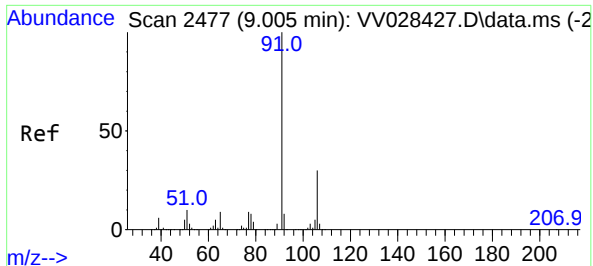


#42
Toluene
Concen: 1652.541 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 91 Resp:16004749

Ion	Ratio	Lower	Upper
91	100		
92	66.6	40.9	76.0

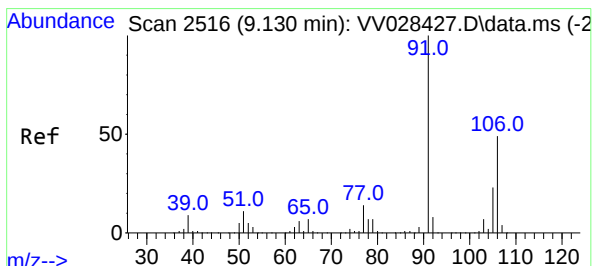
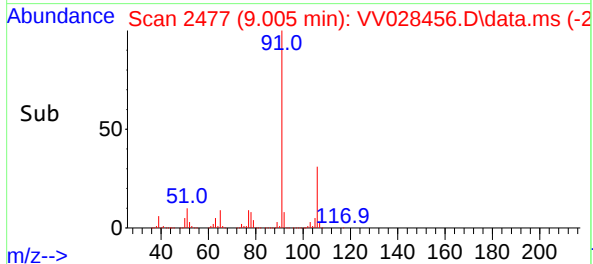
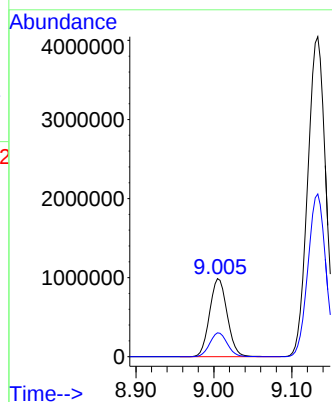
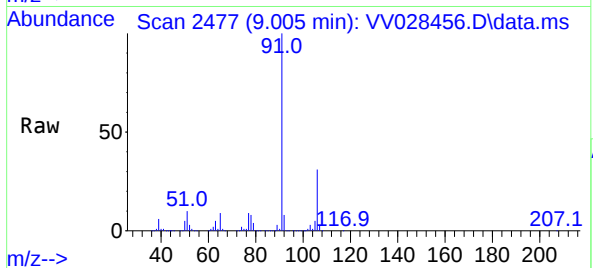




#52
Ethylbenzene
Concen: 146.359 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

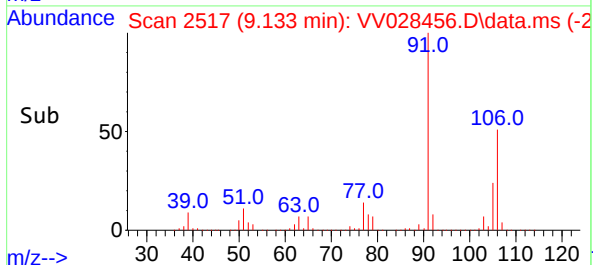
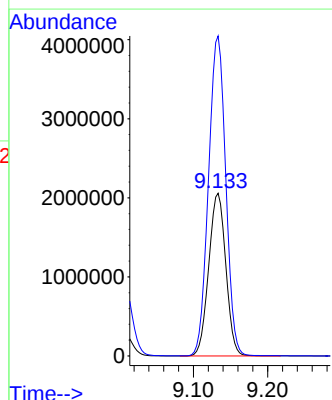
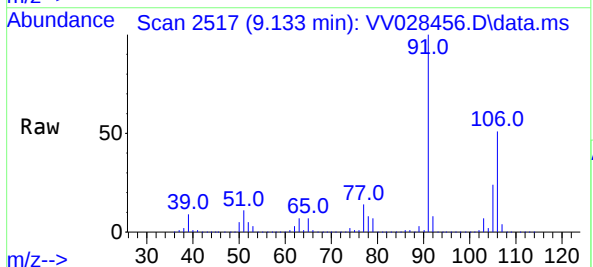
Instrument :
MSVOA_V
ClientSampleId :
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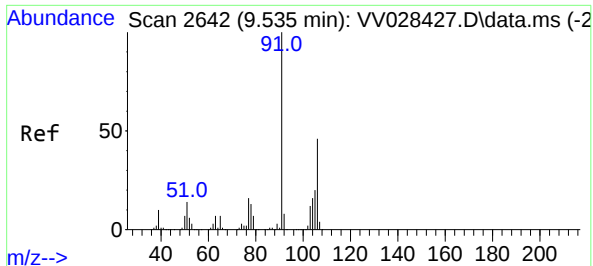
Tgt Ion: 91 Resp: 1544952
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#53
m,p-Xylene
Concen: 819.202 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

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

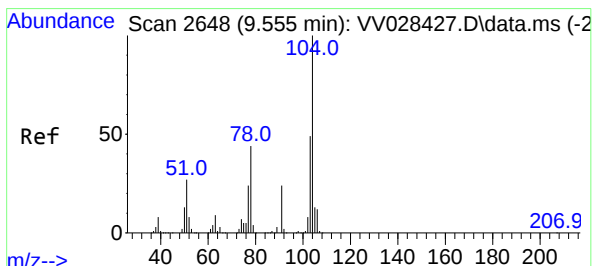
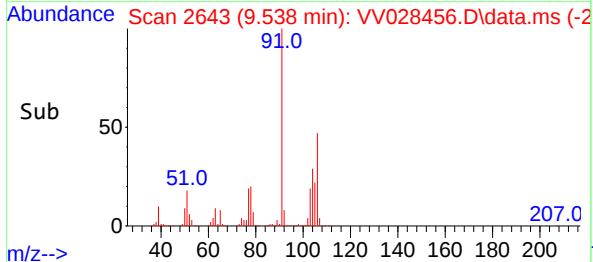
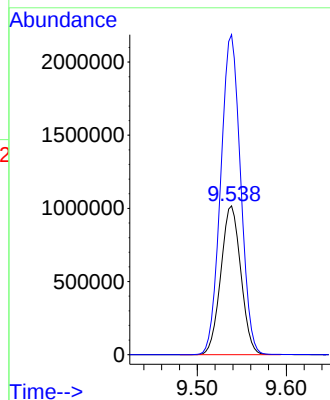
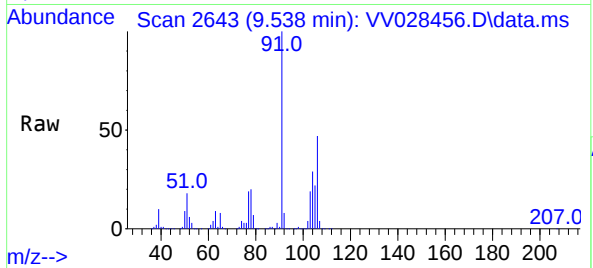




#54
o-Xylene
Concen: 396.417 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

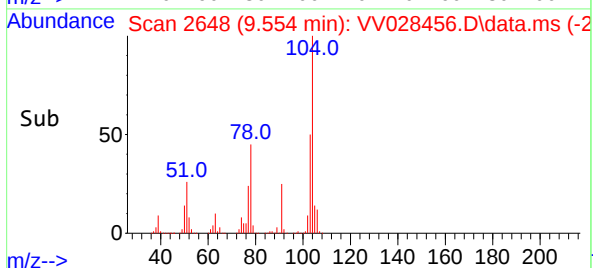
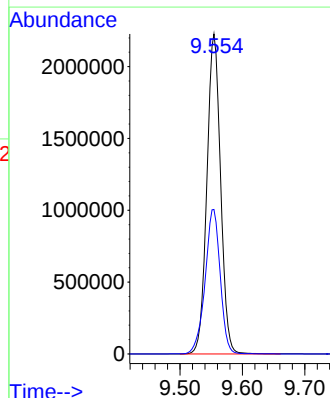
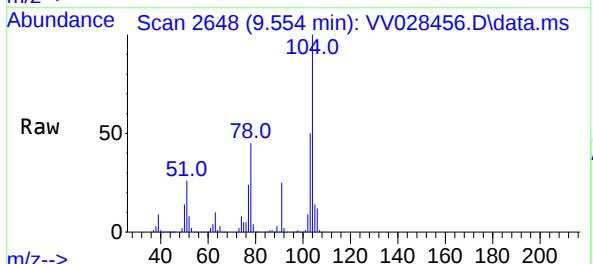
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ClientSampleId :
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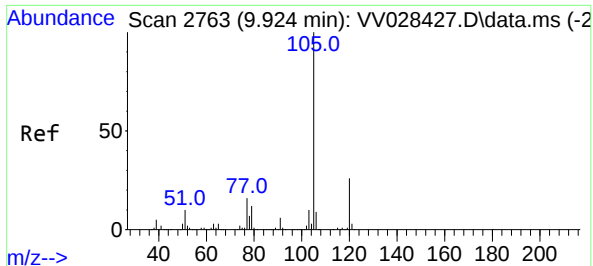
Tgt Ion:106 Resp: 1588113
Ion Ratio Lower Upper
106 100
91 215.0 152.5 283.3



#55
Styrene
Concen: 494.642 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion:104 Resp: 3403036
Ion Ratio Lower Upper
104 100
78 45.2 31.9 59.2

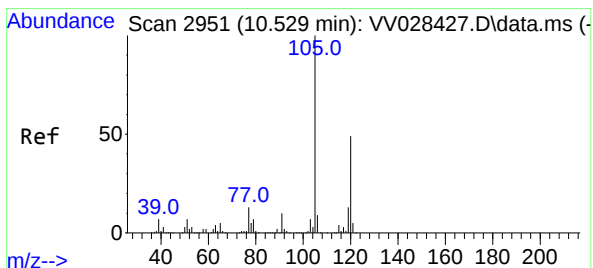
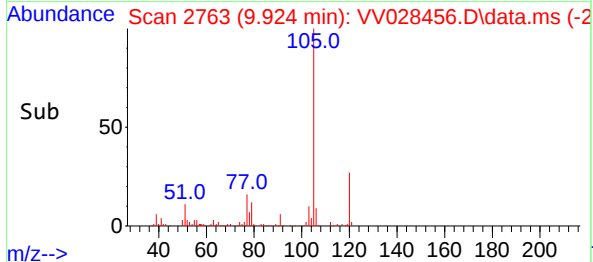
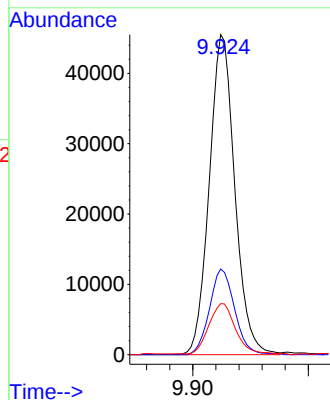
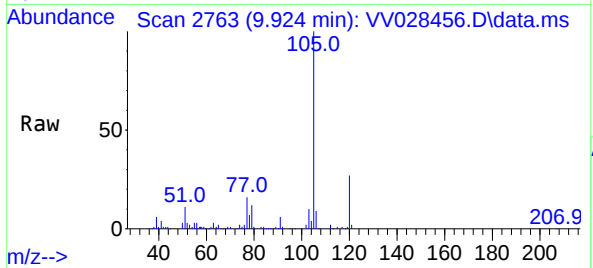




#60
Isopropylbenzene
Concen: 6.322 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

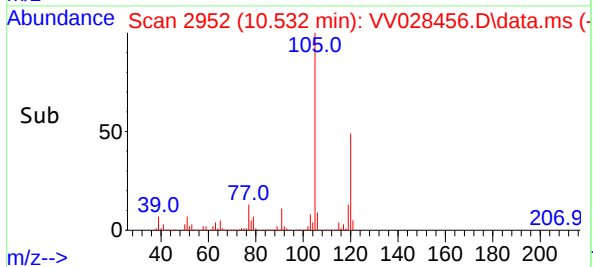
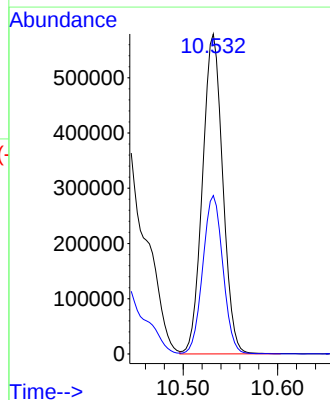
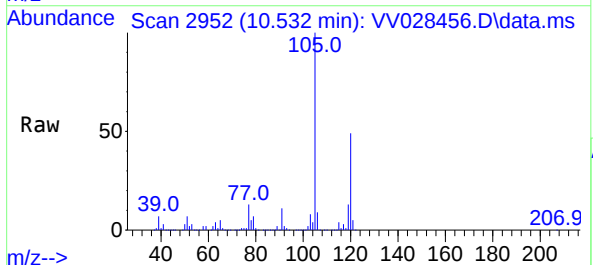
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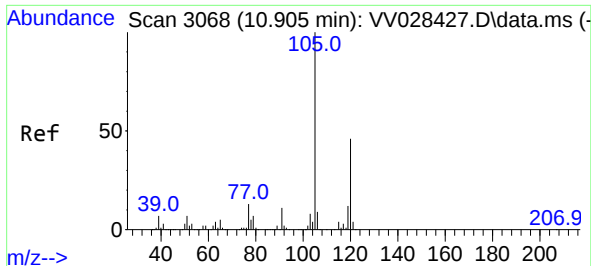
Tgt Ion:105 Resp: 69830
Ion Ratio Lower Upper
105 100
120 26.2 20.5 30.7
77 16.1 12.7 19.1



#62
1,3,5-Trimethylbenzene
Concen: 89.977 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion:105 Resp: 860715
Ion Ratio Lower Upper
105 100
120 49.2 39.1 58.7

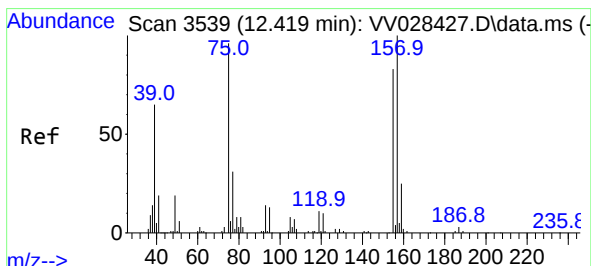
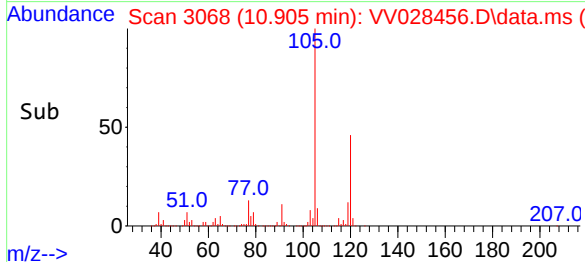
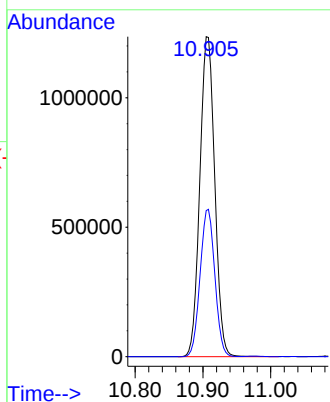
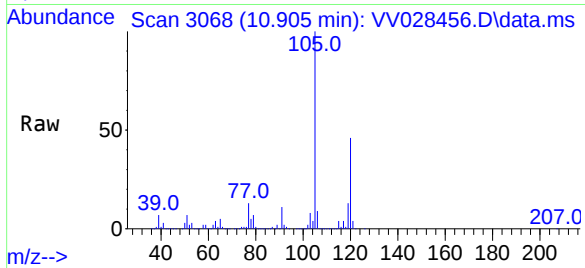




#63
1,2,4-Trimethylbenzene
Concen: 198.513 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Instrument :
MSVOA_V
ClientSampleId :
E10007

Tgt Ion:105 Resp: 1884889
Ion Ratio Lower Upper
105 100
120 45.5 35.9 53.9



#68
1,2-Dibromo-3-chloropropane
Concen: 117.909 ug/L
RT: 12.455 min Scan# 3550
Delta R.T. 0.035 min
Lab File: VV028456.D
Acq: 08 Oct 2022 23:02

Tgt Ion: 75 Resp: 117739
Ion Ratio Lower Upper
75 100
155 0.0 65.0 97.6#
157 0.0 86.0 129.0#

