

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027571.D
 Acq On : 29 Aug 2022 18:48
 Operator : SY/MD
 Sample : N4402-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 30 04:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46326	5.218	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.400%	
7) Chloroethane-d5	1.564	69	36587	5.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.600%	
11) 1,1-Dichloroethene-d2	2.105	63	68177m	3.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.800%	
20) 2-Butanone-d5	3.892	46	56380	51.024	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.040%	
24) Chloroform-d	4.346	84	76458	4.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.034	65	36870	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.047	84	140789	4.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
36) 1,2-Dichloropropane-d6	6.069	67	40516	4.126	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.317	98	111726	3.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	7.625	79	8752	2.603	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.000%#	
46) 2-Hexanone-d5	8.088	63	43592	39.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38045	6.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.600%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	40385	5.092	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
5) Vinyl chloride	1.310	62	50071	4.303	ug/L	94
14) Carbon disulfide	2.291	76	3067	0.118	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	29936	2.889	ug/L	94
34) Trichloroethene	5.924	95	3283	0.308	ug/L	83
47) Tetrachloroethene	7.976	164	843	0.101	ug/L	90
52) Ethylbenzene	9.021	91	2551	0.060	ug/L	99
53) m,p-Xylene	9.143	106	6683	0.409	ug/L	83

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

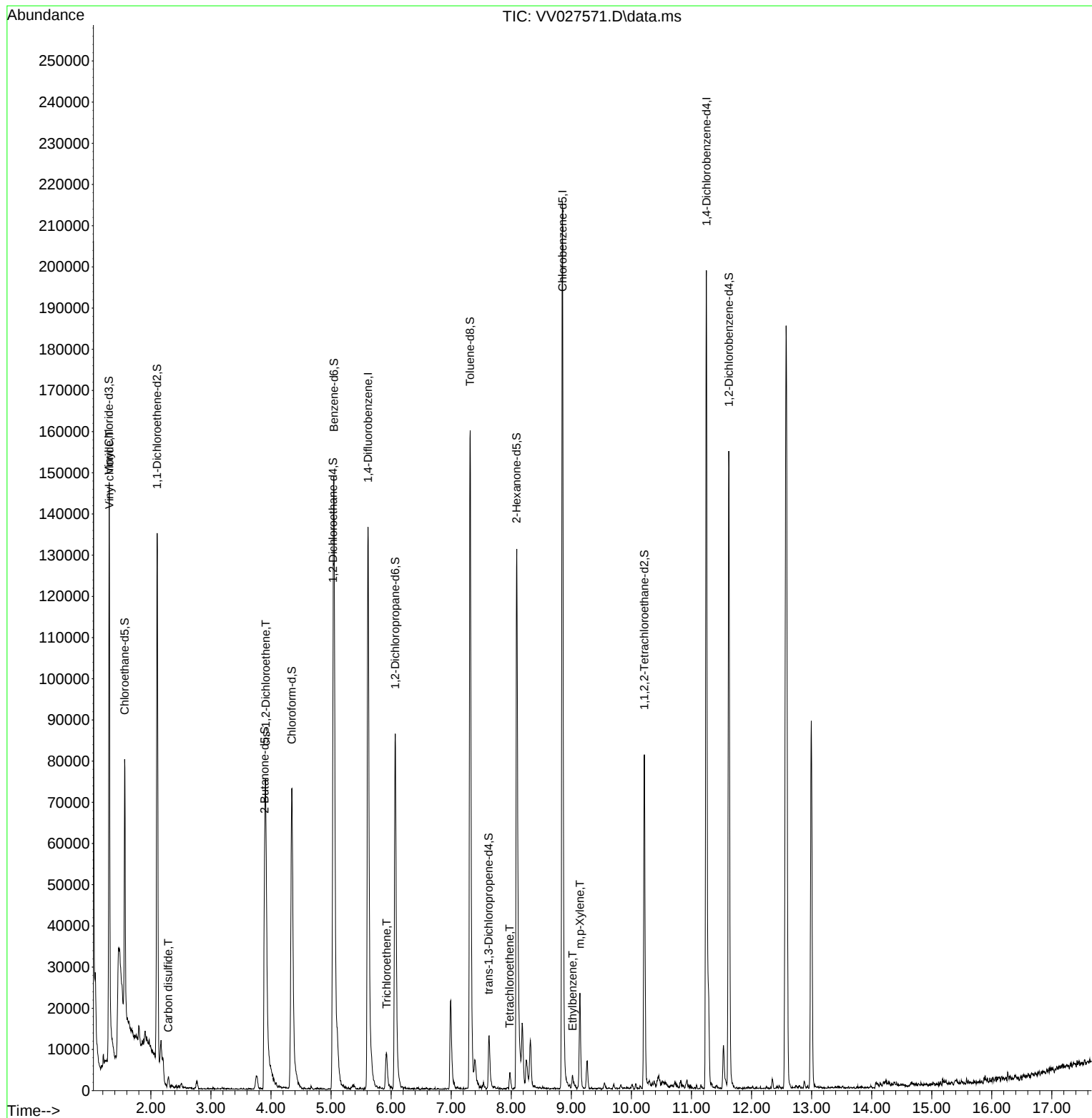
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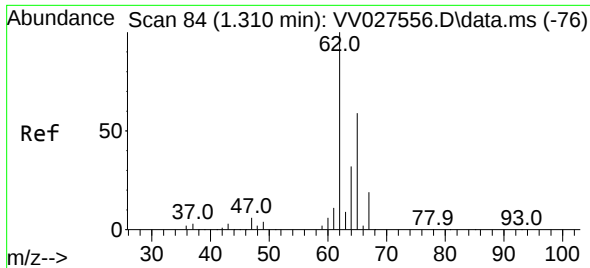
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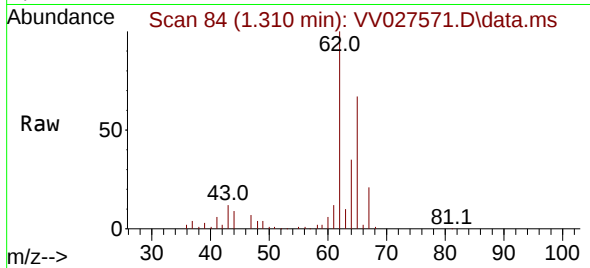
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 27 03:12:26 2022
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#5
 Vinyl chloride
 Concen: 4.303 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027571.D
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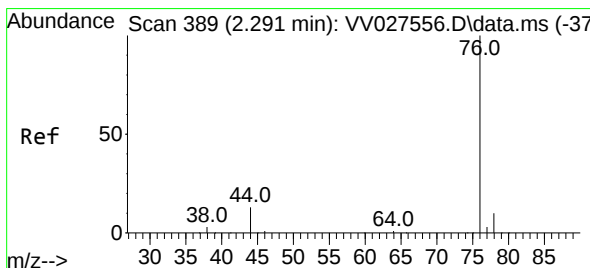
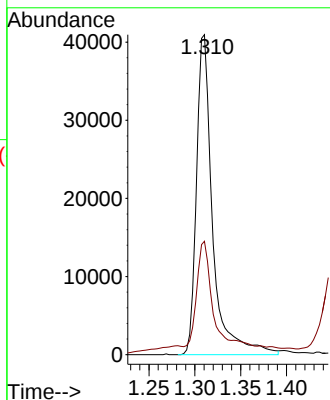
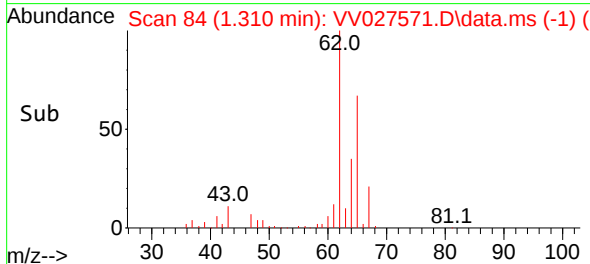
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Tgt Ion: 62 Resp: 5007
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.6 42.0

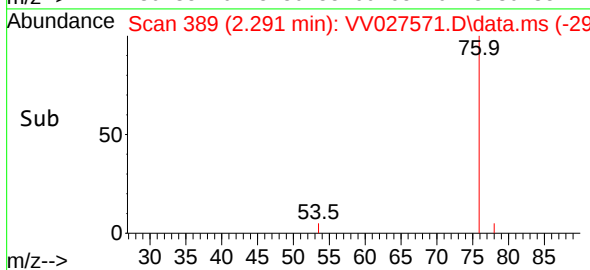
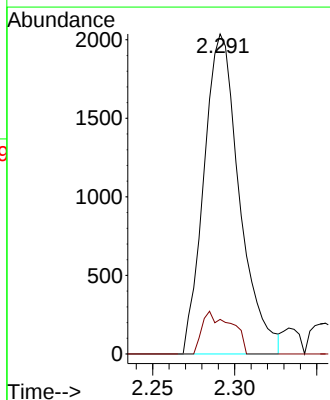
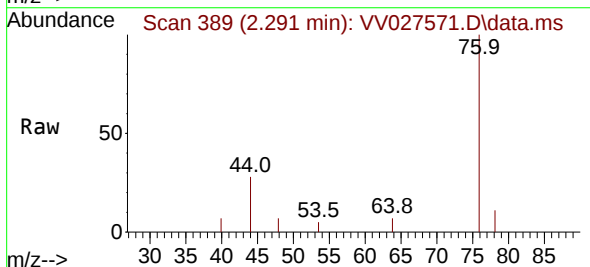
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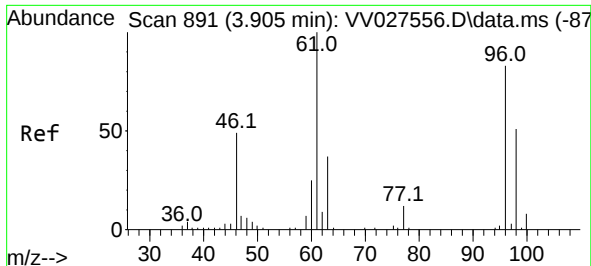
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022



#14
 Carbon disulfide
 Concen: 0.118 ug/L
 RT: 2.291 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VV027571.D
 Acq: 29 Aug 2022 18:48

Tgt Ion: 76 Resp: 3067
 Ion Ratio Lower Upper
 76 100
 78 10.8 7.3 10.9





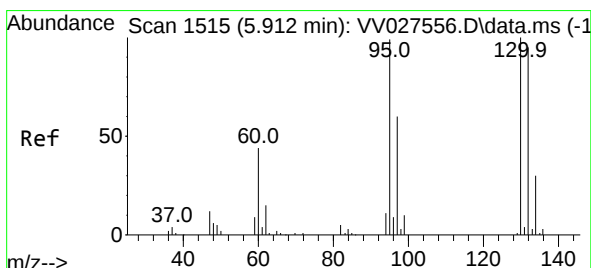
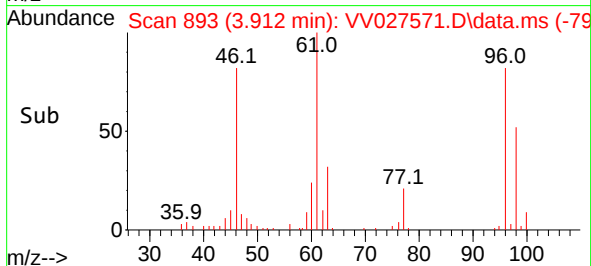
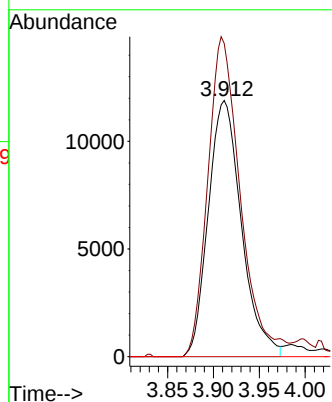
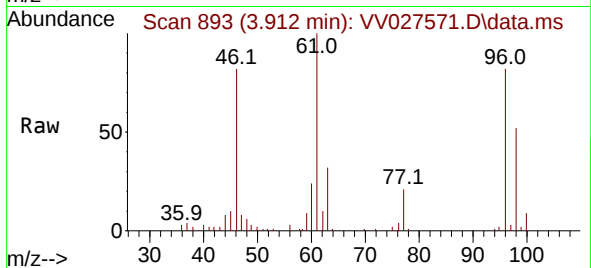
#22
cis-1,2-Dichloroethene
Concen: 2.889 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

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Tgt Ion: 96 Resp: 29930
Ion Ratio Lower Upper
96 100
61 122.3 90.6 168.2
68 0.0 0.0 0.0

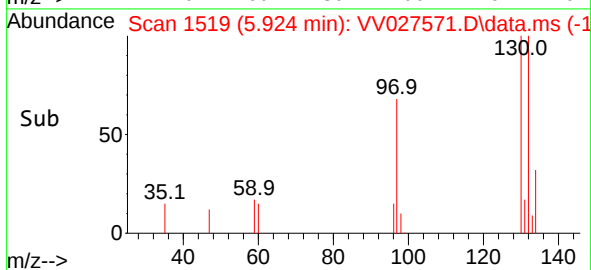
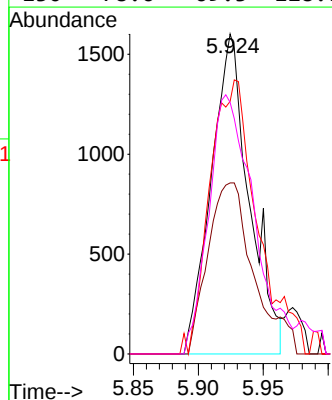
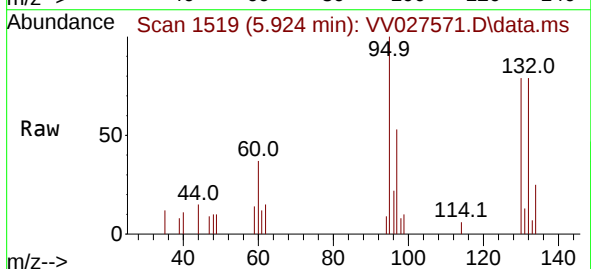
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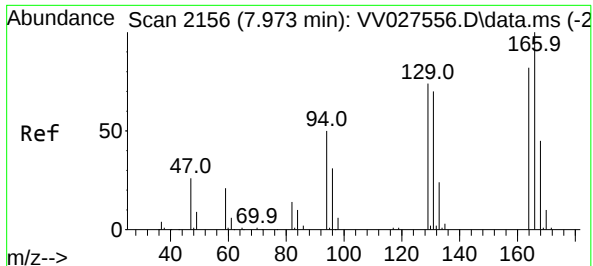
Reviewed By :Krupa Patel 08/30/2022
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#34
Trichloroethene
Concen: 0.308 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

Tgt Ion: 95 Resp: 3283
Ion Ratio Lower Upper
95 100
97 53.4 45.0 83.6
132 79.0 65.7 121.9
130 78.6 69.3 128.7





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027571.D

Acq: 29 Aug 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

DBVA9

Tgt Ion:164 Resp: 84.1

Ion Ratio Lower Upper

164 100

129 79.7 71.1 132.1

131 88.9 64.5 119.9

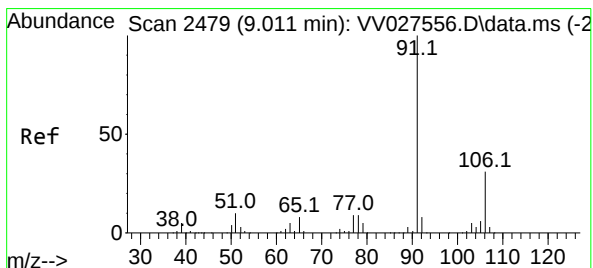
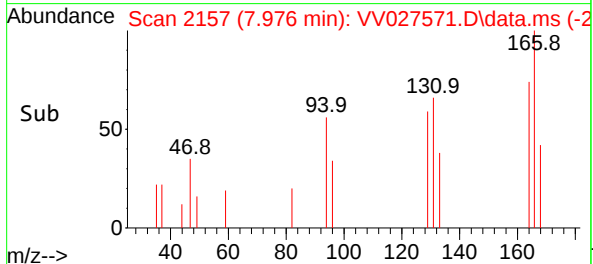
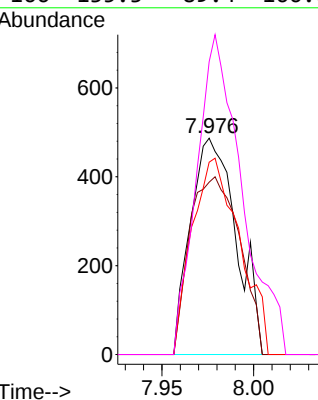
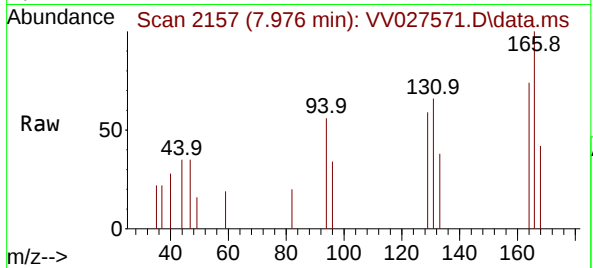
166 135.3 89.4 166.0

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#52

Ethylbenzene

Concen: 0.060 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV027571.D

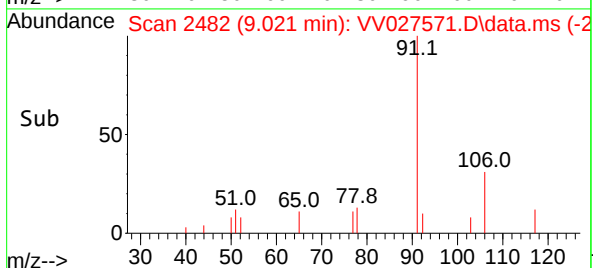
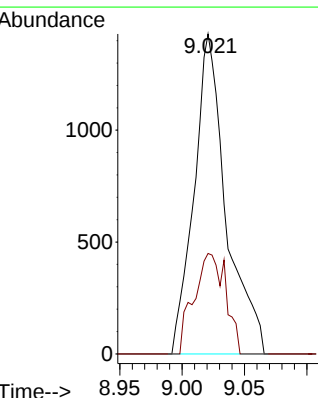
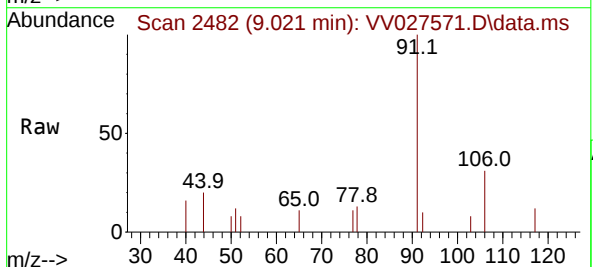
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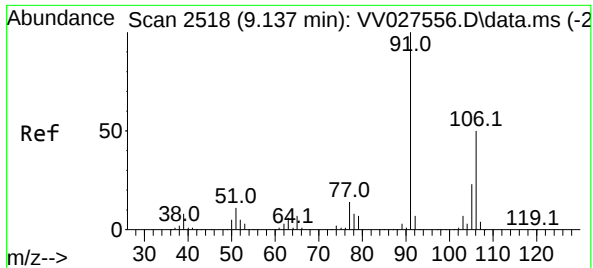
Tgt Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

106 31.4 21.4 39.8





#53
 m,p-Xylene
 Concen: 0.409 ug/L
 RT: 9.143 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027571.D
 Acq: 29 Aug 2022 18:48

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:106 Resp: 668
 Ion Ratio Lower Upper
 106 100
 91 179.5 143.8 267.0

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