

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027580.D
 Acq On : 30 Aug 2022 12:46
 Operator : SY/MD
 Sample : N4402-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB2

Quant Time: Aug 31 04:47:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

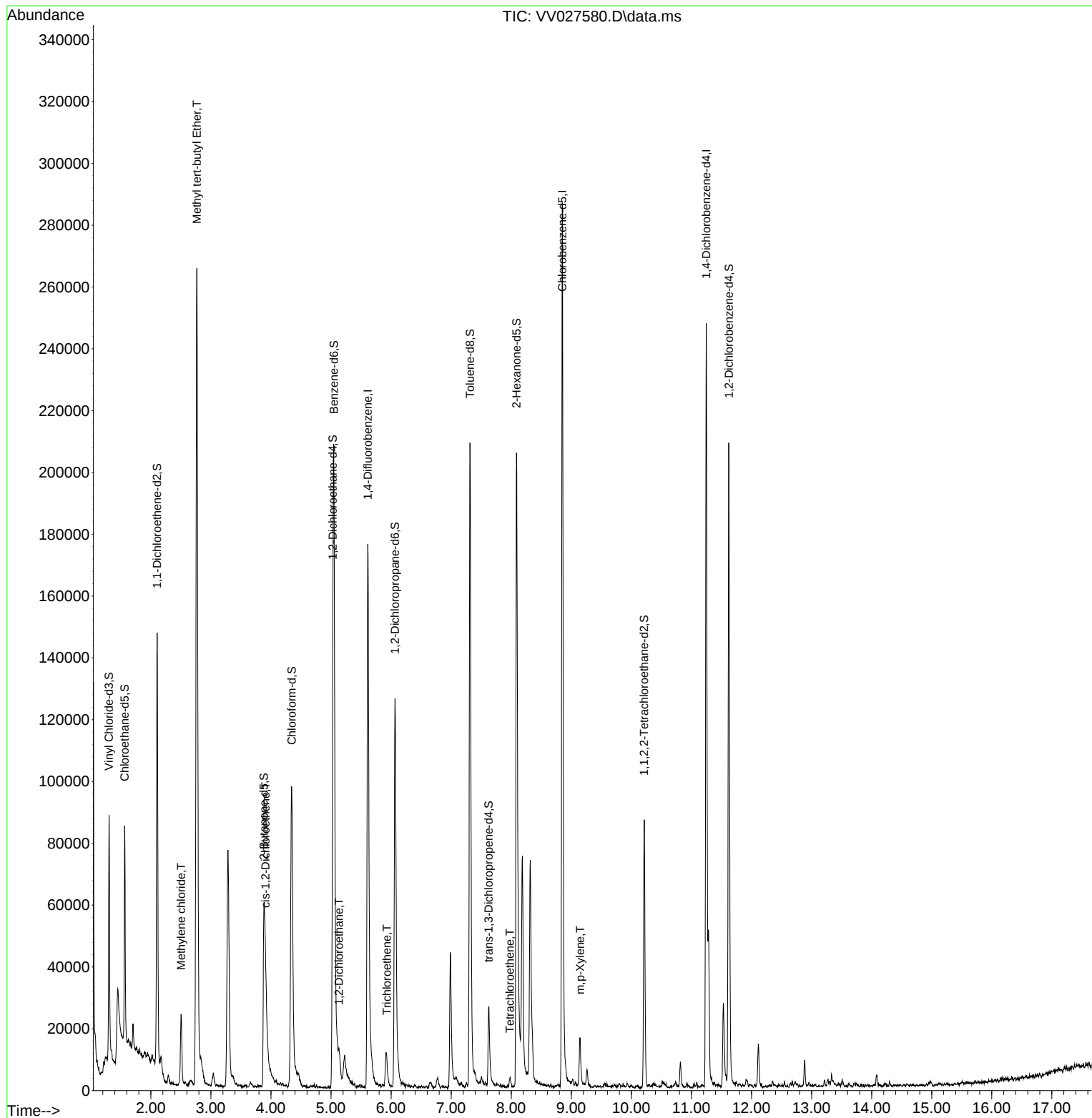
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	156884	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155406	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54092	4.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.564	69	43609	5.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.104	63	75383	2.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.883	46	111566	80.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.580%#
24) Chloroform-d	4.346	84	106262	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.030	65	52474	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.047	84	196885	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	64147	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.313	98	143543	3.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	7.625	79	15994	3.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.088	63	69601	49.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	41123	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52219	5.475	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	8696	0.486	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	246795	10.049	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	6347	0.487	ug/L	93
27) 1,2-Dichloroethane	5.133	62	6650	0.475	ug/L	95
34) Trichloroethene	5.931	95	3930	0.289	ug/L	90
47) Tetrachloroethene	7.979	164	772	0.073	ug/L	90
53) m,p-Xylene	9.146	106	4574	0.220	ug/L	93

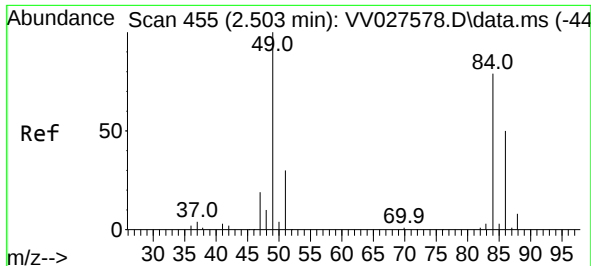
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 04:47:11 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 31 04:45:39 2022
Response via : Initial Calibration

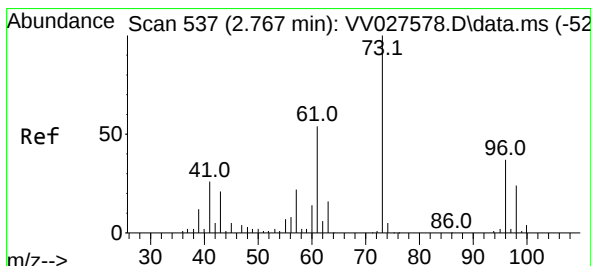
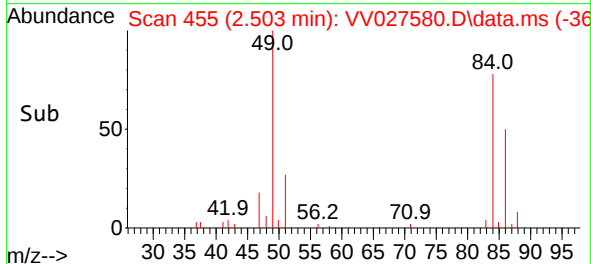
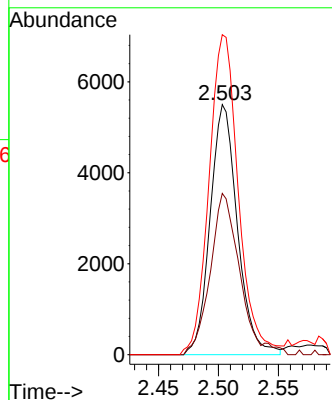
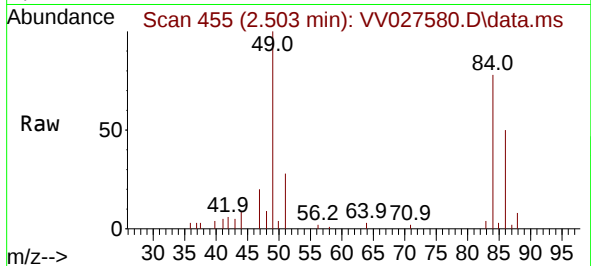




#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027580.D
Acq: 30 Aug 2022 12:46

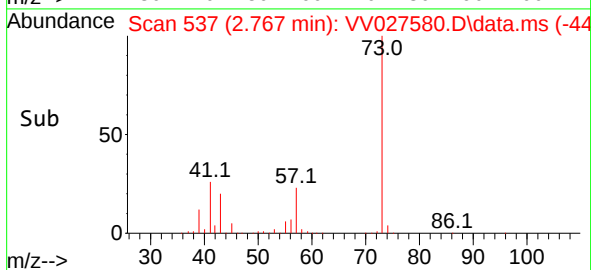
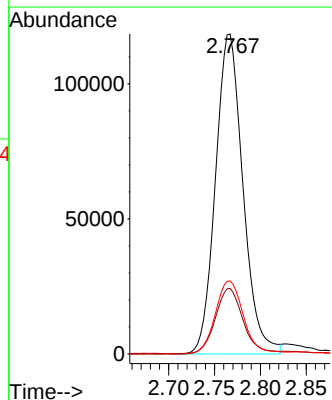
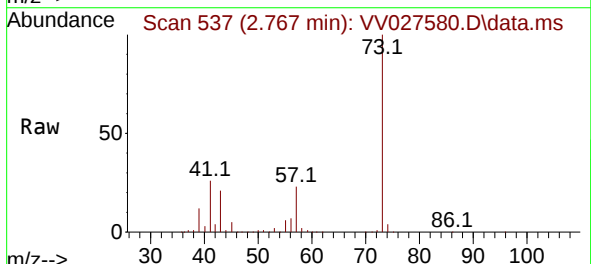
Instrument :
MSVOA_V
ClientSampleId :
DBVB2

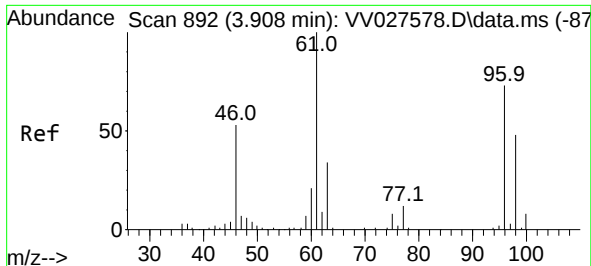
Tgt Ion:	84	Resp:	8696
Ion	Ratio	Lower	Upper
84	100		
86	64.5	44.0	81.6
49	127.9	89.4	166.0



#17
Methyl tert-butyl Ether
Concen: 10.049 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV027580.D
Acq: 30 Aug 2022 12:46

Tgt Ion:	73	Resp:	246795
Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.6	23.4
57	23.4	17.0	25.6





#22

cis-1,2-Dichloroethene

Concen: 0.487 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV027580.D

Acq: 30 Aug 2022 12:46

Instrument :

MSVOA_V

ClientSampleId :

DBVB2

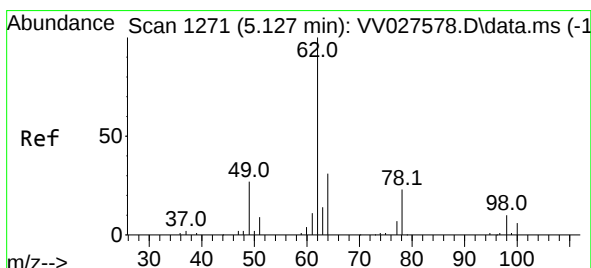
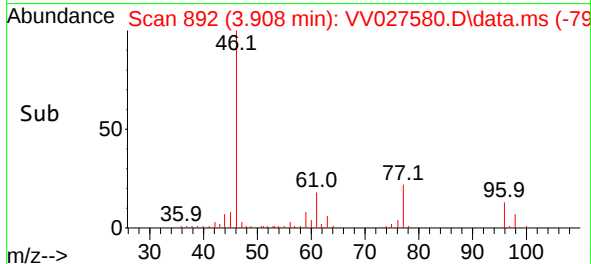
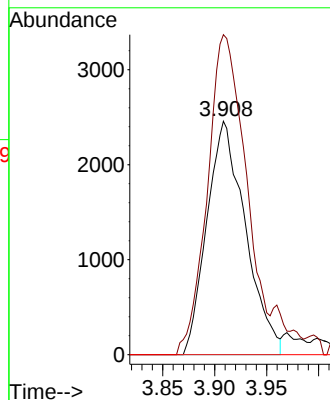
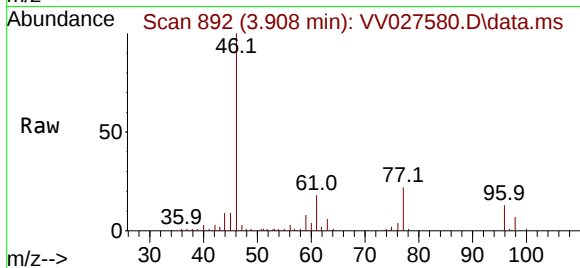
Tgt Ion: 96 Resp: 6347

Ion Ratio Lower Upper

96 100

61 137.1 90.6 168.2

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.475 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV027580.D

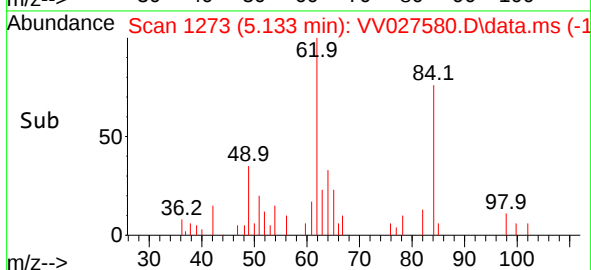
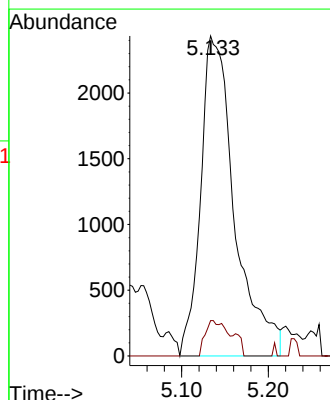
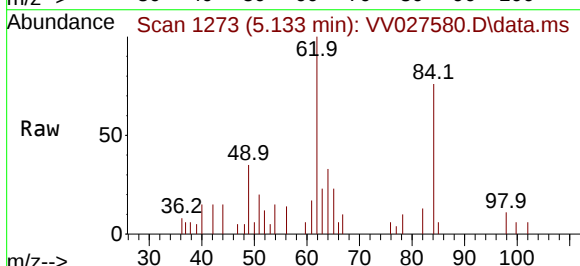
Acq: 30 Aug 2022 12:46

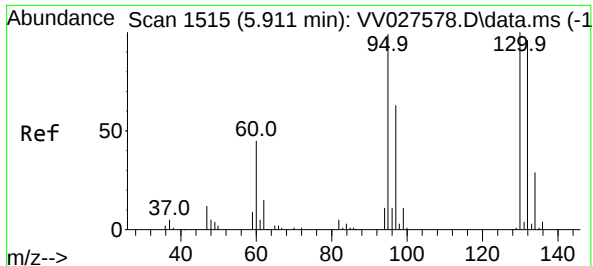
Tgt Ion: 62 Resp: 6650

Ion Ratio Lower Upper

62 100

98 11.1 7.4 11.2





#34

Trichloroethene

Concen: 0.289 ug/L

RT: 5.931 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV027580.D

Acq: 30 Aug 2022 12:46

Instrument :

MSVOA_V

ClientSampleId :

DBVB2

Tgt Ion: 95 Resp: 3930

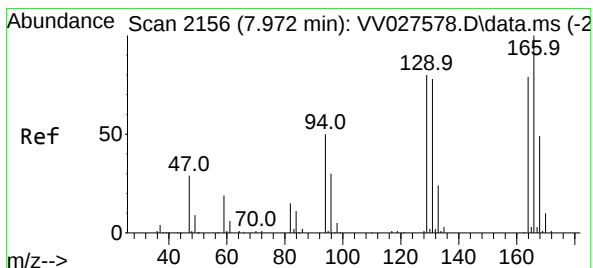
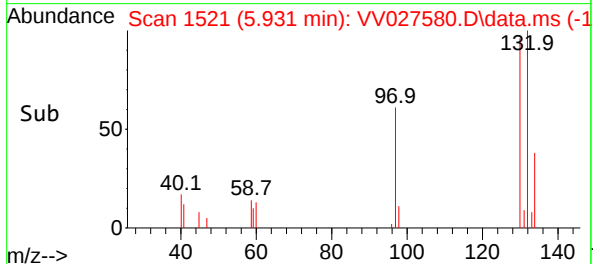
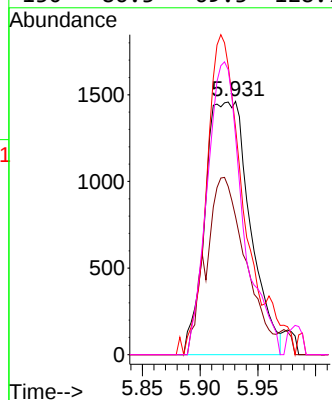
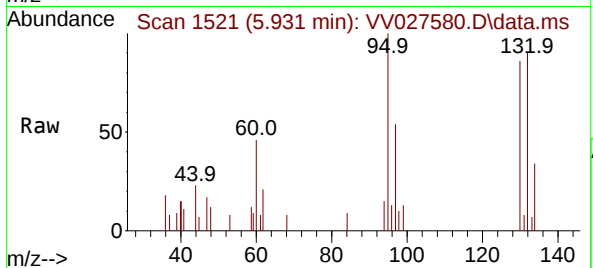
Ion Ratio Lower Upper

95 100

97 54.4 45.0 83.6

132 89.7 65.7 121.9

130 86.3 69.3 128.7



#47

Tetrachloroethene

Concen: 0.073 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027580.D

Acq: 30 Aug 2022 12:46

Tgt Ion:164 Resp: 772

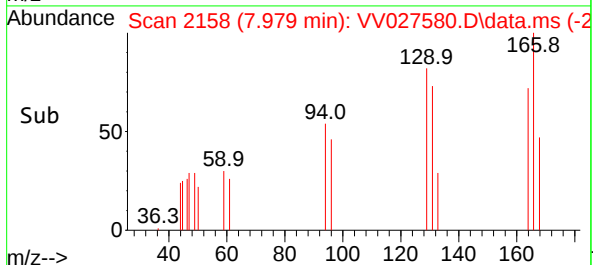
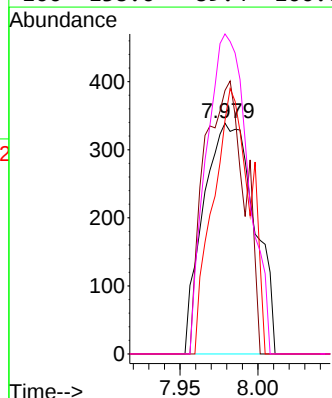
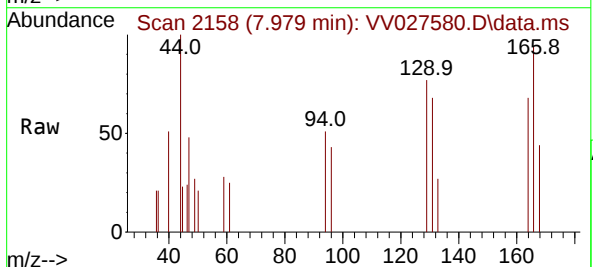
Ion Ratio Lower Upper

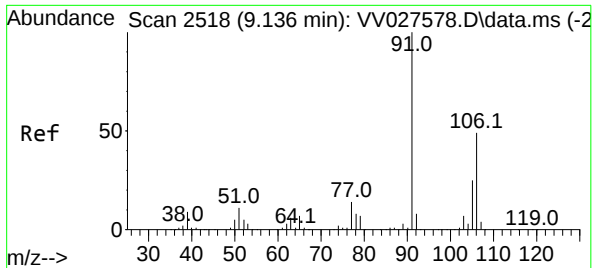
164 100

129 114.2 71.1 132.1

131 101.2 64.5 119.9

166 138.6 89.4 166.0





#53
 m,p-Xylene
 Concen: 0.220 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV027580.D
 Acq: 30 Aug 2022 12:46

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB2

Tgt Ion:106 Resp: 4574
 Ion Ratio Lower Upper
 106 100
 91 195.2 143.8 267.0

