

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022677.D
 Acq On : 07 Oct 2021 21:05
 Operator : SY/MD
 Sample : M4052-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX8

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 1:09:40 PM

Quant Time: Oct 08 04:04:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	47567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36936	5.043	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.564	69	35776	5.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.105	63	57044	3.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.400%	
20) 2-Butanone-d5	3.905	46	76658	39.920	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.840%	
24) Chloroform-d	4.349	84	54562	3.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.400%	
26) 1,2-Dichloroethane-d4	5.034	65	36510	4.984	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.050	84	143878	4.403	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.072	67	45413	4.693	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.317	98	122186	4.326	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.625	79	13813	4.303	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.091	63	59443	45.952	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.900%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30686	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48661	5.518	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	3416	0.531	ug/L	# 1
22) cis-1,2-Dichloroethene	3.915	96	15495	2.110	ug/L	82
25) Chloroform	4.378	83	26135	1.790	ug/L	94
31) Carbon tetrachloride	4.834	117	2898m	0.266	ug/L	
34) Trichloroethene	5.915	95	124747	15.519	ug/L	98
42) Toluene	7.400	91	2581	0.086	ug/L	97
47) Tetrachloroethene	7.979	164	5584	0.859	ug/L	94

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

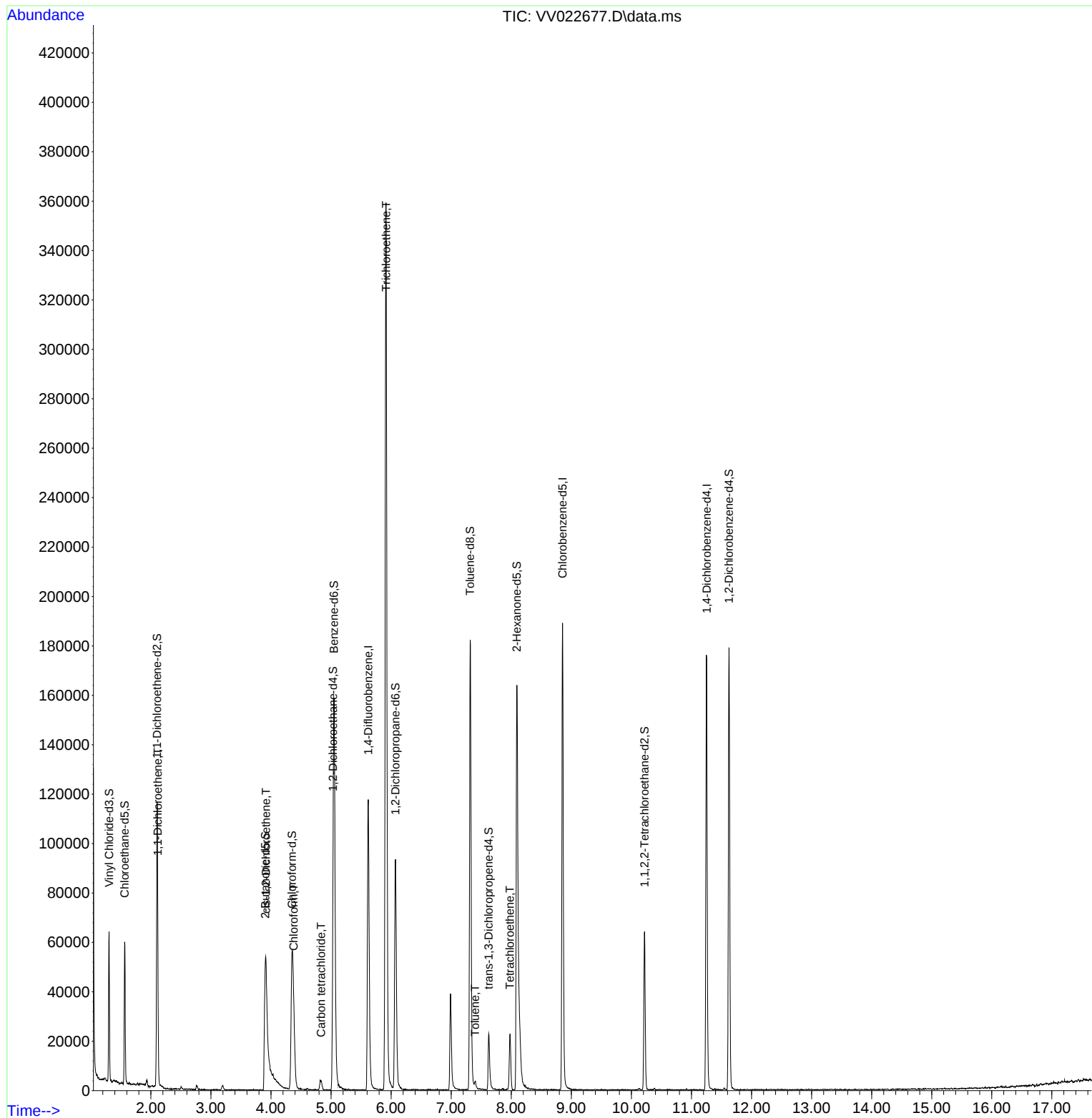
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022677.D
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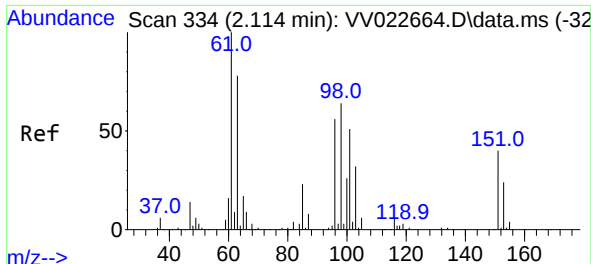
Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Manual Integrations
APPROVED

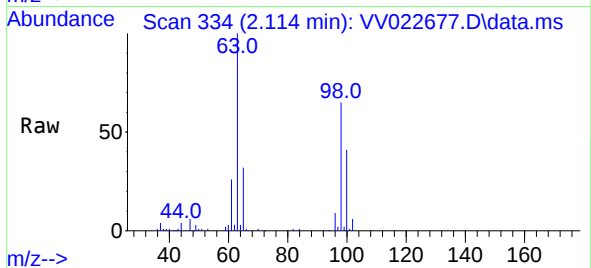
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10/11/2021 1:09:40 PM

Quant Time: Oct 08 04:04:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

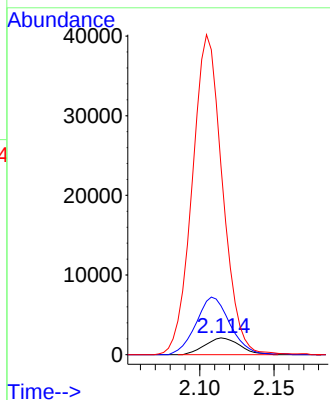
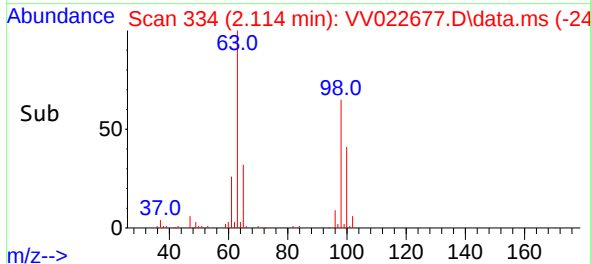




#12
1,1-Dichloroethene
Concen: 0.531 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05



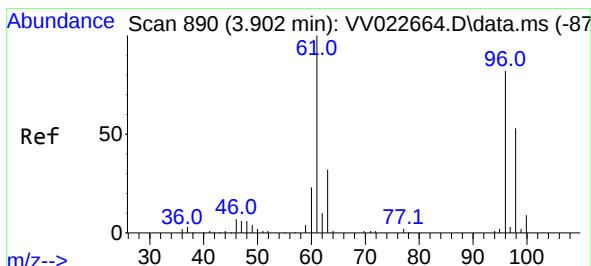
Tgt Ion: 96 Resp: 3416
Ion Ratio Lower Upper
96 100
61 290.4 127.3 236.5#
63 1120.8 106.2 197.2#



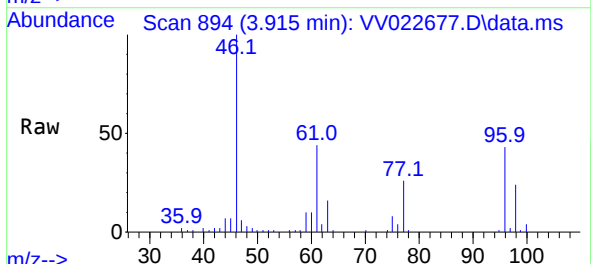
Instrument :
MSVOA_V
ClientSampled :
C0AX8

Manual Integrations
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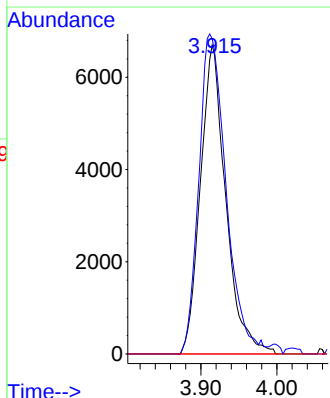
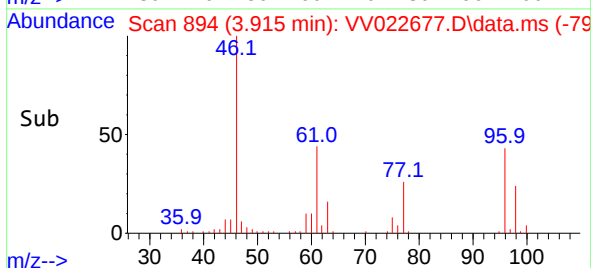
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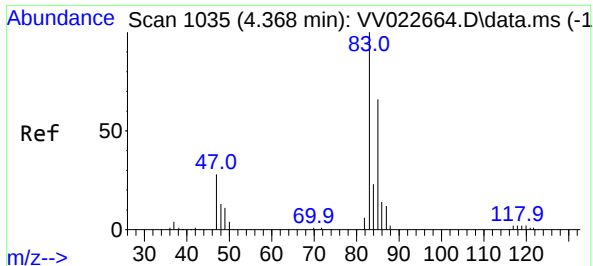


#22
cis-1,2-Dichloroethene
Concen: 2.110 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.013 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05



Tgt Ion: 96 Resp: 15495
Ion Ratio Lower Upper
96 100
61 102.1 86.0 159.6
68 0.0 0.0 0.0





#25

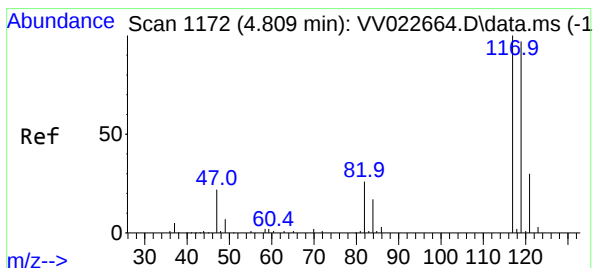
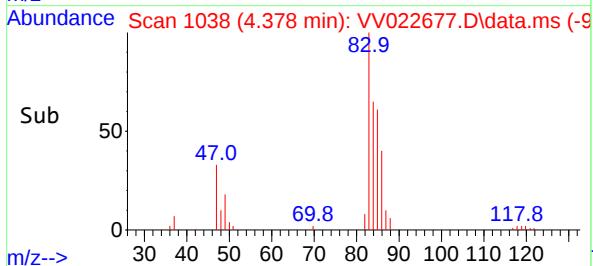
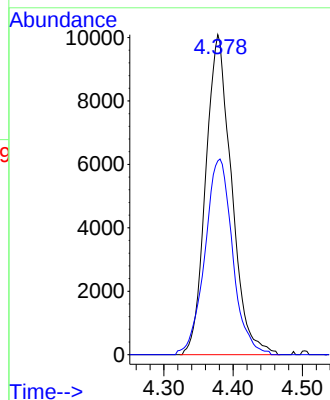
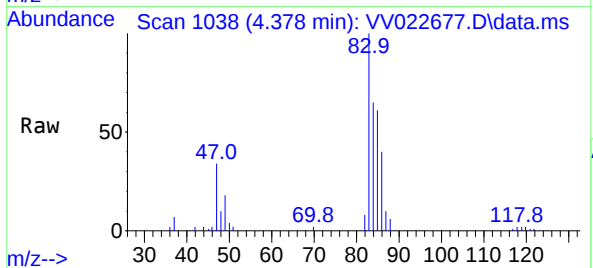
Chloroform
Concen: 1.790 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 83 Resp: 26135
Ion Ratio Lower Upper
83 100
85 60.6 45.7 84.9

Instrument :
MSVOA_V
ClientSampled :
C0AX8

Manual Integrations
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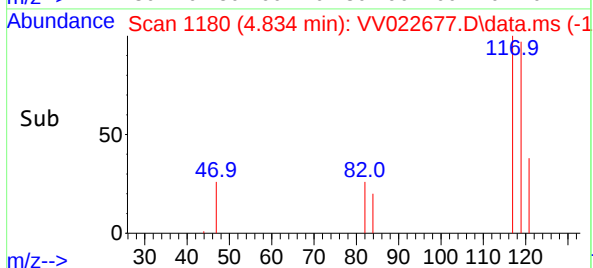
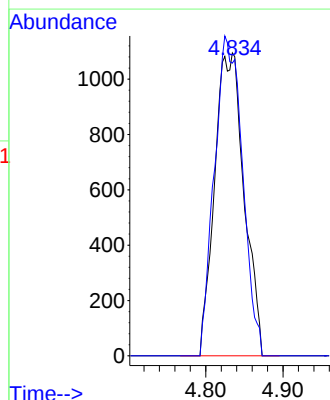
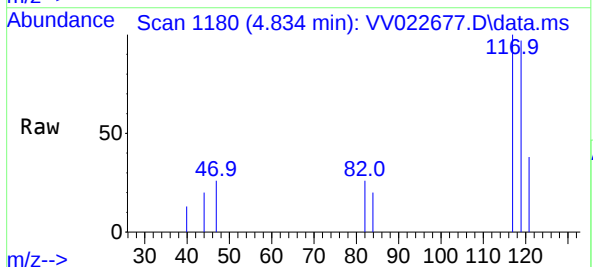
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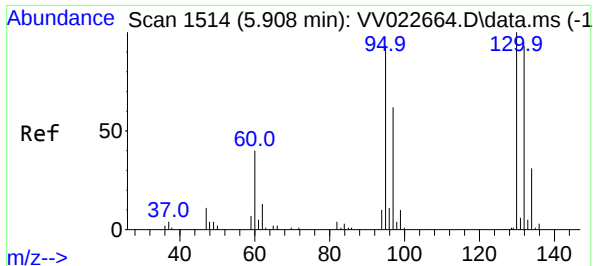


#31

Carbon tetrachloride
Concen: 0.266 ug/L m
RT: 4.834 min Scan# 1180
Delta R.T. 0.026 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05

Tgt Ion: 117 Resp: 2898
Ion Ratio Lower Upper
117 100
119 100.4 77.4 116.0





#34

Trichloroethene

Concen: 15.519 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022677.D

Acq: 07 Oct 2021 21:05

Tgt Ion: 95 Resp: 124747

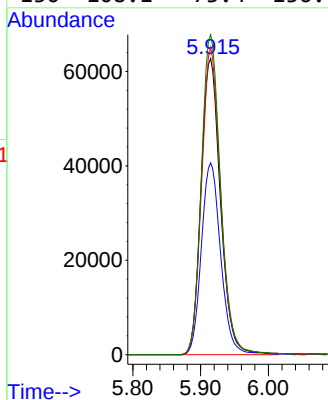
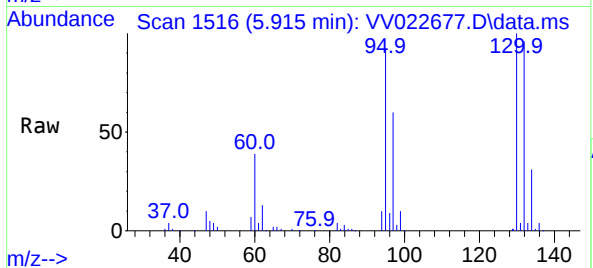
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 103.9 72.2 134.0

130 108.1 73.4 136.4



Instrument :

MSVOA_V

ClientSampled :

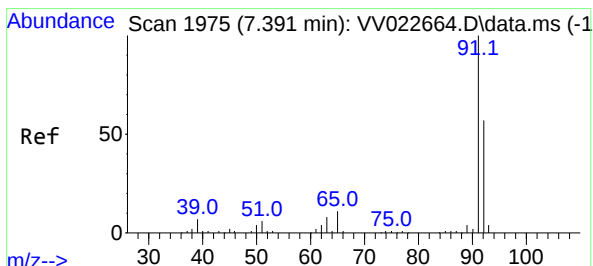
C0AX8

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#42

Toluene

Concen: 0.086 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV022677.D

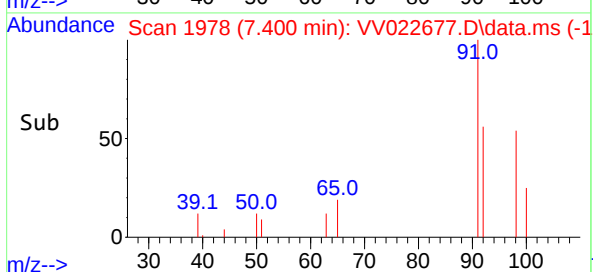
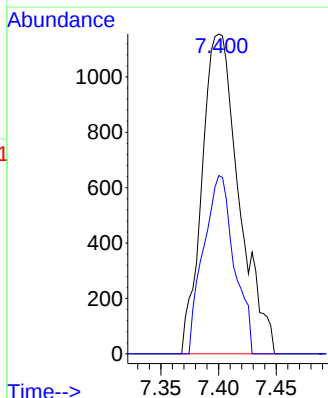
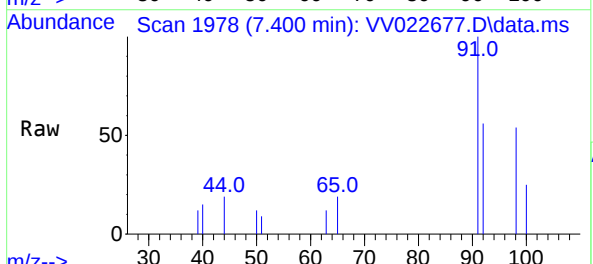
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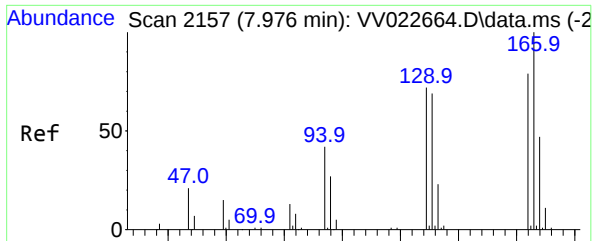
Tgt Ion: 91 Resp: 2581

Ion Ratio Lower Upper

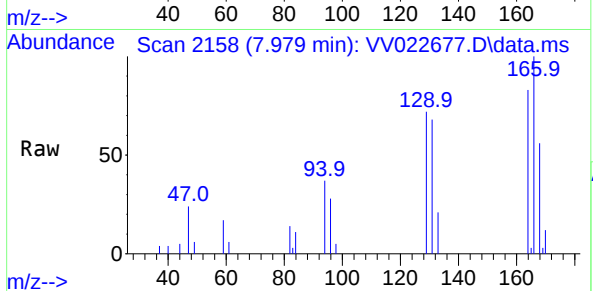
91 100

92 55.8 40.7 75.7



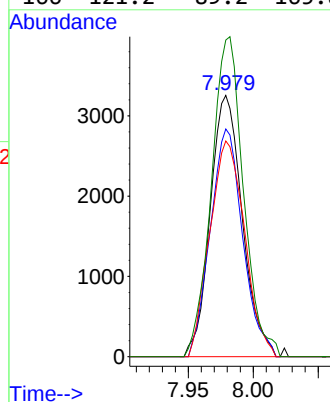
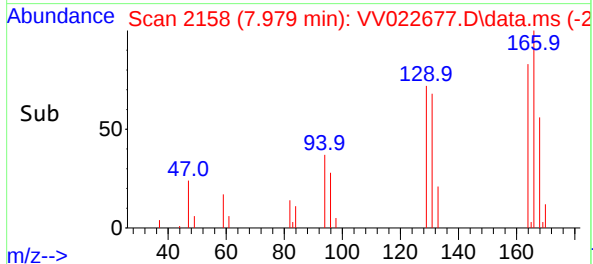


#47
Tetrachloroethene
Concen: 0.859 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022677.D
Acq: 07 Oct 2021 21:05



Tgt Ion:164 Resp: 5584

Ion	Ratio	Lower	Upper
164	100		
129	87.1	65.0	120.6
131	82.5	62.2	115.4
166	121.2	89.2	165.8



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