

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022579.D
 Acq On : 05 Oct 2021 17:51
 Operator : SY/MD
 Sample : M4052-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX3

Manual Integrations
 APPROVED

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 10/7/2021 9:33:13 AM

Quant Time: Oct 06 05:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97612	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	92729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	42284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37942	12.132	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	242.600%#	
7) Chloroethane-d5	1.565	69	32960	7.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	156.400%#	
11) 1,1-Dichloroethene-d2	2.105	63	57028	6.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	125.600%#	
20) 2-Butanone-d5	3.889	46	85278	46.128	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.260%	
24) Chloroform-d	4.349	84	70203	5.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.600%	
26) 1,2-Dichloroethane-d4	5.034	65	35155	6.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.000%	
32) Benzene-d6	5.050	84	140525	6.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	134.600%#	
36) 1,2-Dichloropropane-d6	6.069	67	41838	5.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.400%	
41) Toluene-d8	7.317	98	119200	6.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	136.000%#	
43) trans-1,3-Dichloroprop...	7.629	79	12343	6.326	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	126.600%	
46) 2-Hexanone-d5	8.092	63	57078	47.249	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.500%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	28137	5.023	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44719	6.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	136.800%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	3464	0.579	ug/L #	1
14) Carbon disulfide	2.291	76	133161	7.613	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	25864	3.658	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	893m	0.084	ug/L	
34) Trichloroethene	5.918	95	10369	1.428	ug/L	91
40) 4-Methyl-2-pentanone	7.236	43	4490	1.337	ug/L #	64
42) Toluene	7.404	91	2628	0.100	ug/L	93
47) Tetrachloroethene	7.973	164	1190	0.211	ug/L	88
55) Styrene	9.574	104	1002	0.058	ug/L	85

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

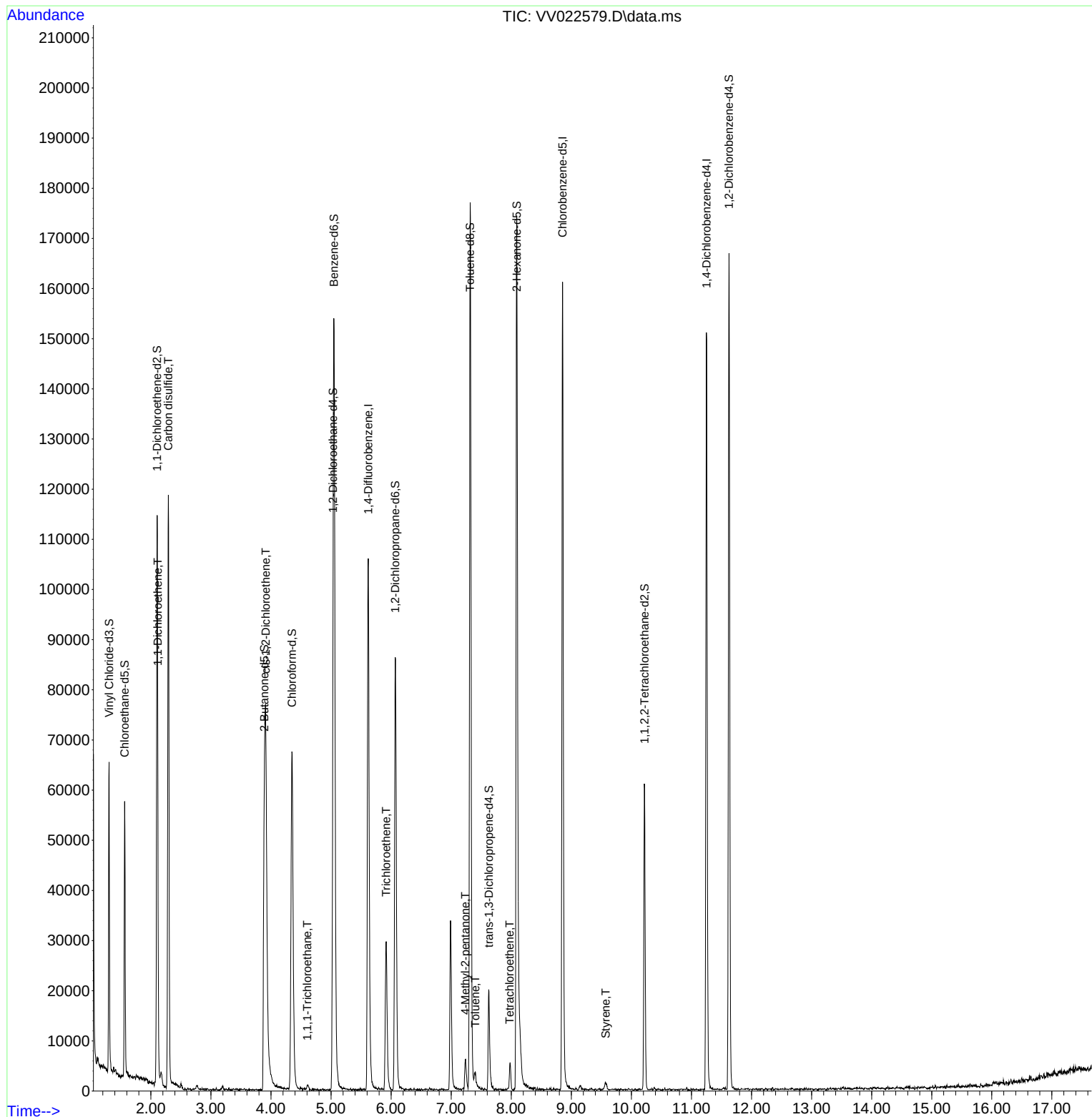
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Data File : VV022579.D
Acq On : 05 Oct 2021 17:51
Operator : SY/MD
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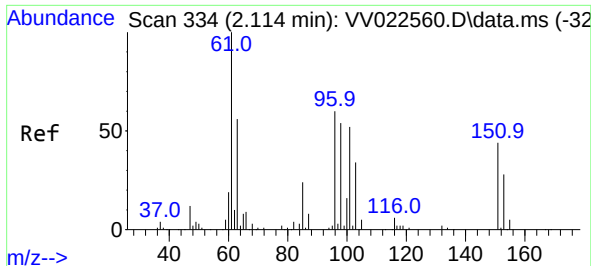
Instrument :
MSVOA_V
ClientSampleId :
C0AX3

Manual Integrations
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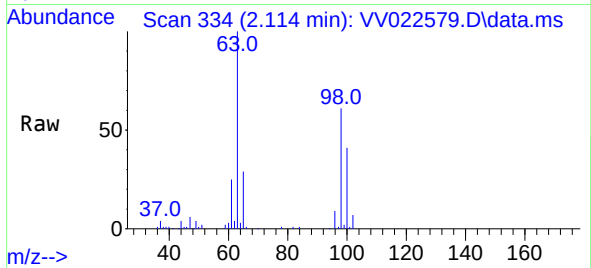
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Quant Time: Oct 06 05:30:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

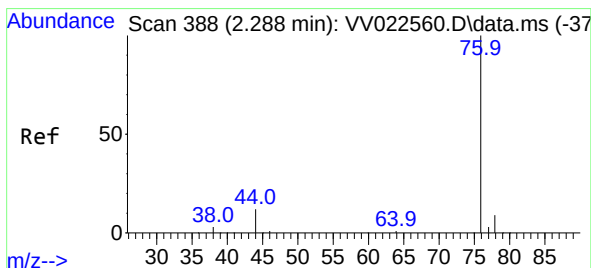
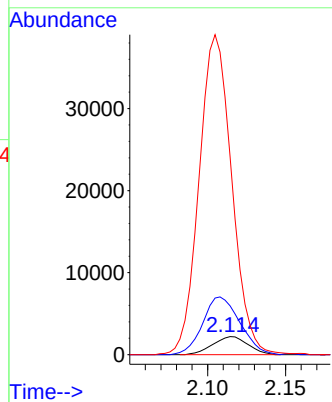
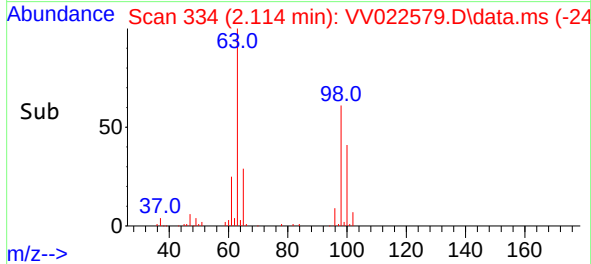




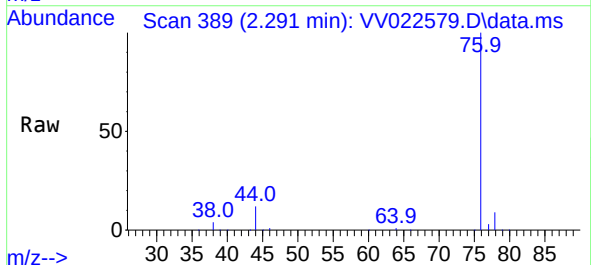
#12
1,1-Dichloroethene
Concen: 0.579 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51



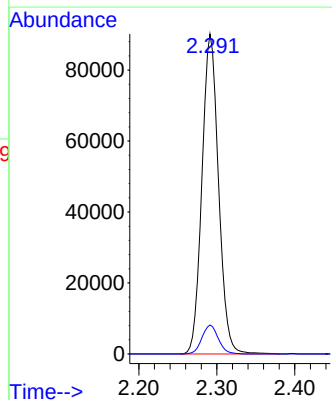
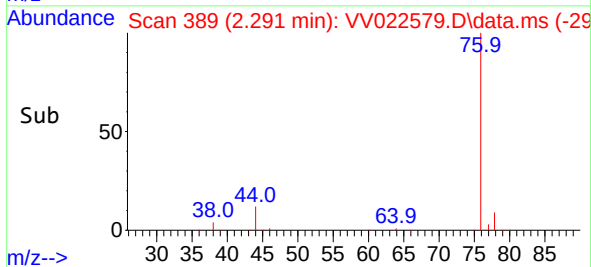
Tgt Ion: 96 Resp: 3464
Ion Ratio Lower Upper
96 100
61 268.8 113.2 210.2#
63 1089.6 66.6 123.8#



#14
Carbon disulfide
Concen: 7.613 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51



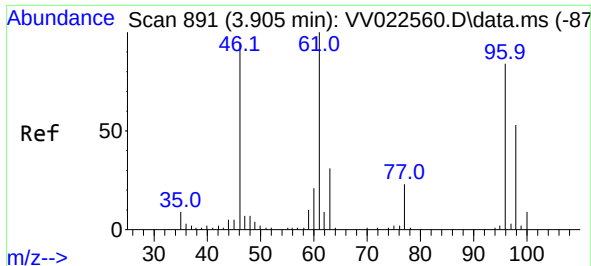
Tgt Ion: 76 Resp: 133161
Ion Ratio Lower Upper
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78 9.0 7.8 11.6



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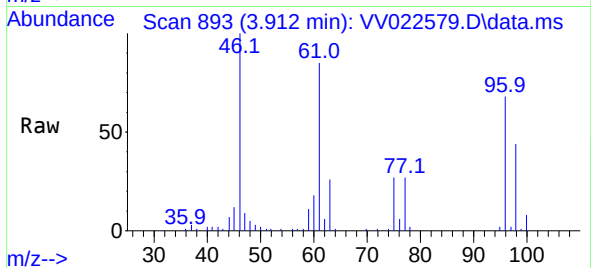
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#22
cis-1,2-Dichloroethene
Concen: 3.658 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51

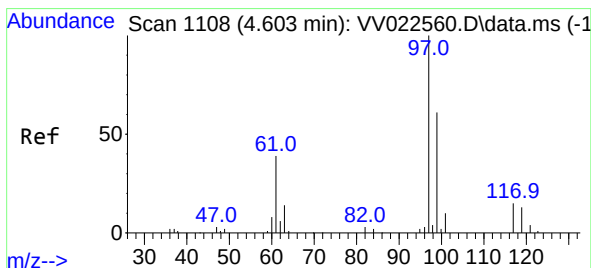
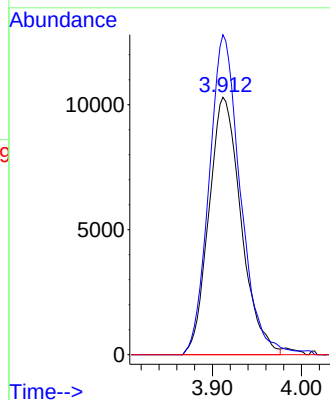
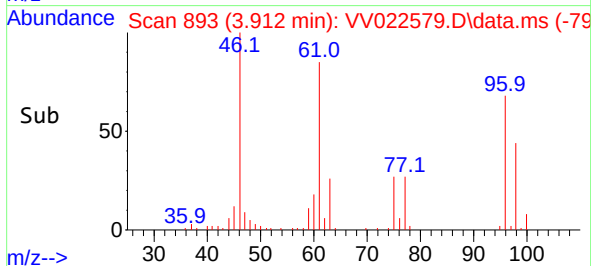
Instrument :
MSVOA_V
ClientSampled :
C0AX3



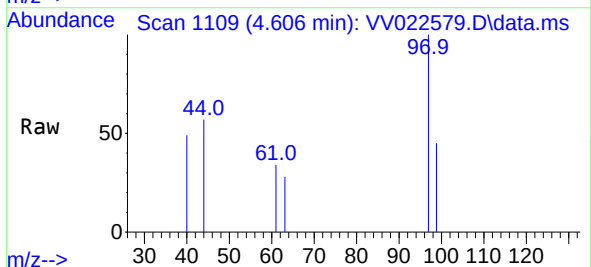
Tgt Ion: 96 Resp: 25864
Ion Ratio Lower Upper
96 100
61 124.3 85.6 159.0
68 0.0 0.0 0.0

Manual Integrations
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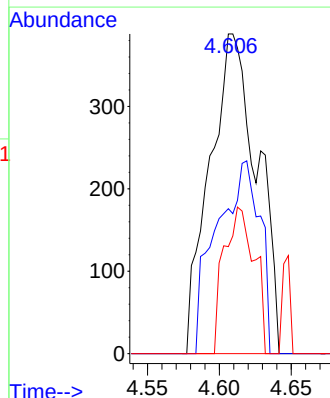
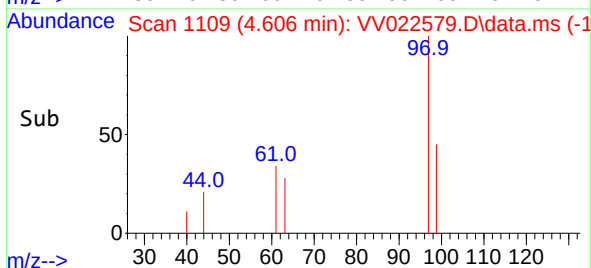
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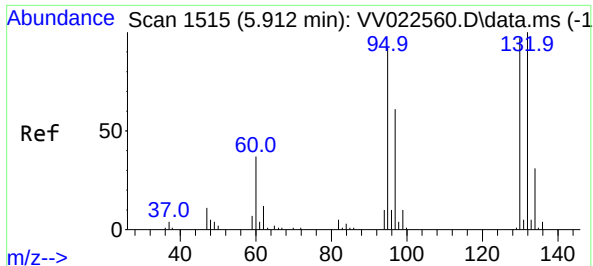


#29
1,1,1-Trichloroethane
Concen: 0.084 ug/L m
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51



Tgt Ion: 97 Resp: 893
Ion Ratio Lower Upper
97 100
99 54.8 49.8 74.6
61 29.2 32.5 48.7#





#34

Trichloroethene

Concen: 1.428 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022579.D

Acq: 05 Oct 2021 17:51

Tgt Ion: 95 Resp: 10369

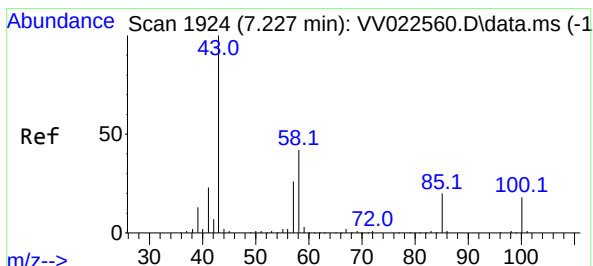
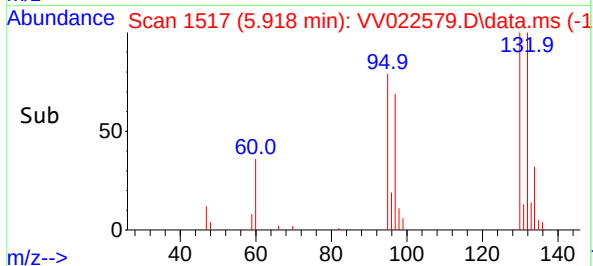
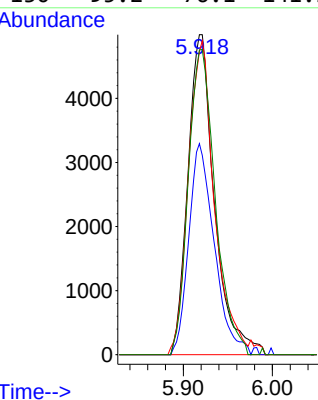
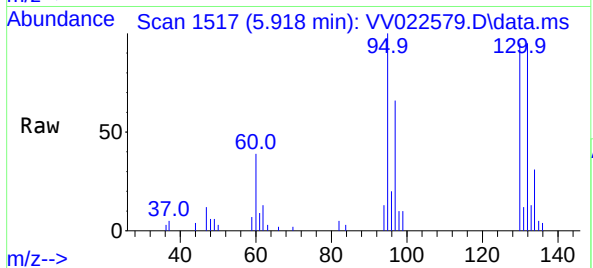
Ion Ratio Lower Upper

95 100

97 66.0 46.5 86.5

132 94.8 73.0 135.6

130 95.2 76.1 141.3



#40

4-Methyl-2-pentanone

Concen: 1.337 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV022579.D

Acq: 05 Oct 2021 17:51

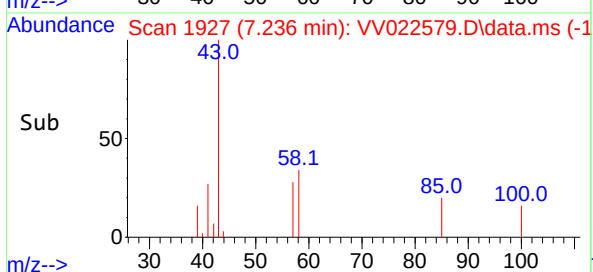
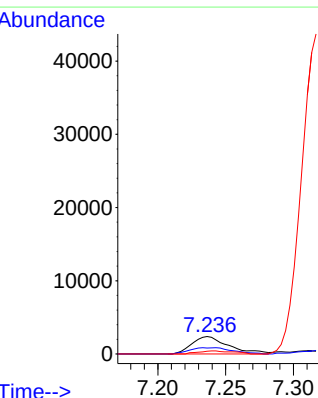
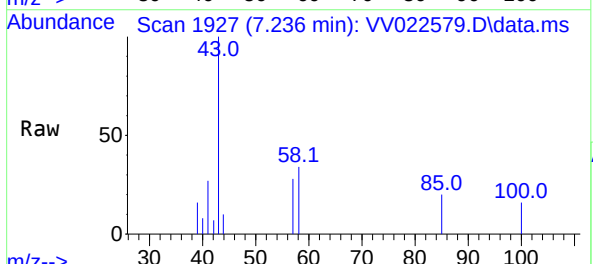
Tgt Ion: 43 Resp: 4490

Ion Ratio Lower Upper

43 100

58 18.9 32.3 48.5#

100 0.0 13.8 20.6#



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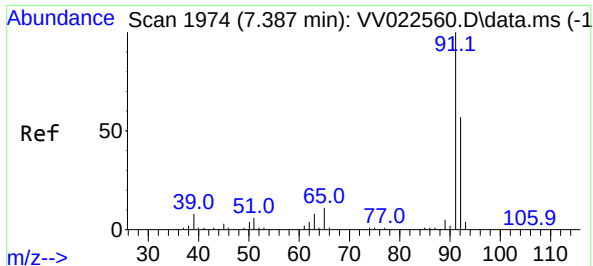
ClientSampled :

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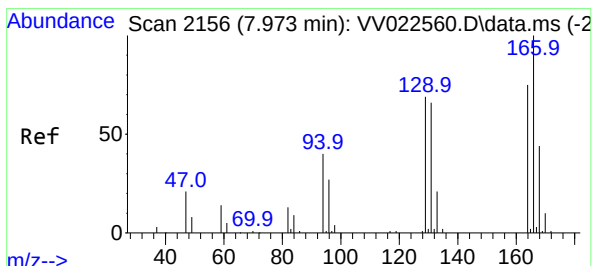
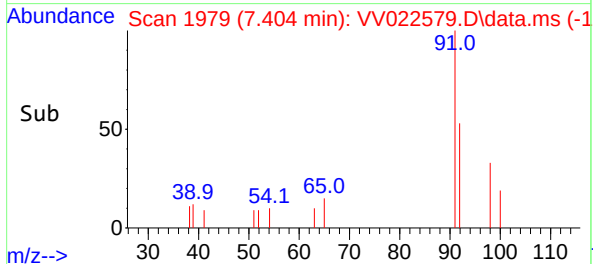
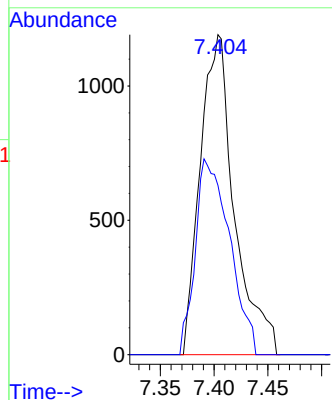
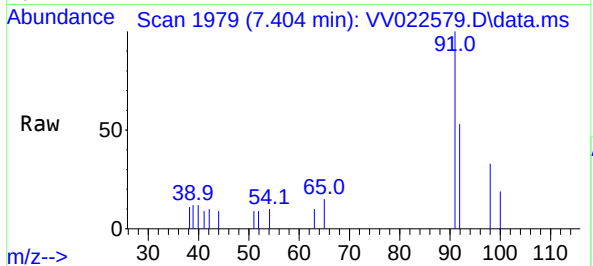
#42
Toluene
Concen: 0.100 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51

Instrument :
MSVOA_V
ClientSampled :
C0AX3

Tgt Ion: 91 Resp: 2628
Ion Ratio Lower Upper
91 100
92 52.9 40.5 75.3

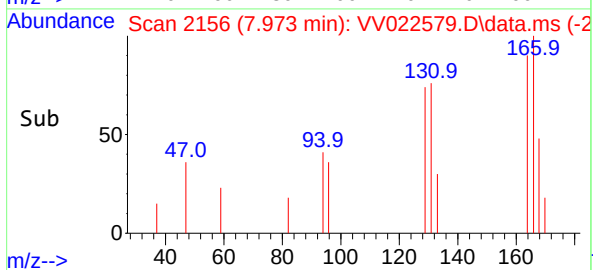
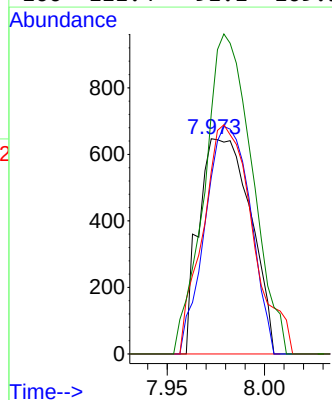
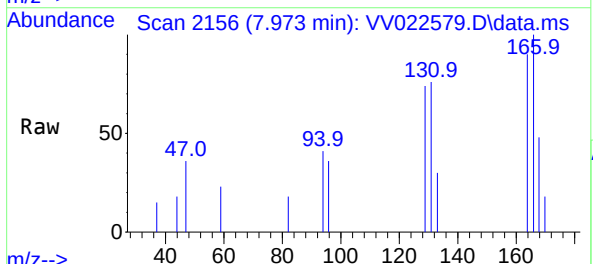
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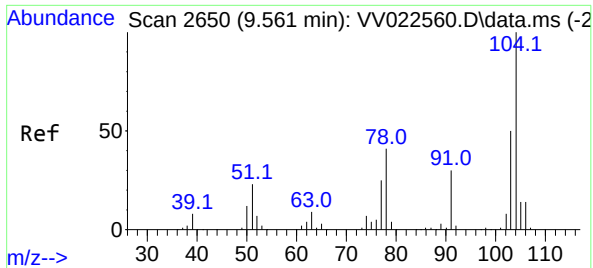
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#47
Tetrachloroethene
Concen: 0.211 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51

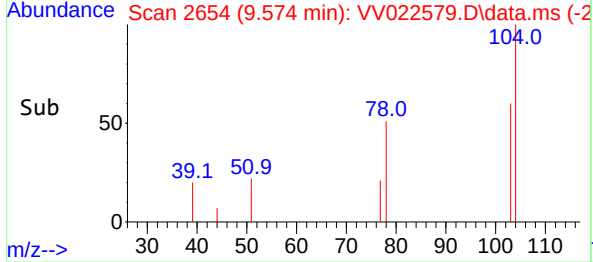
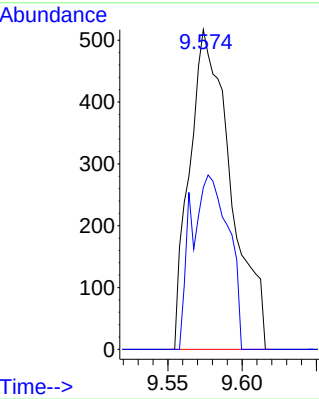
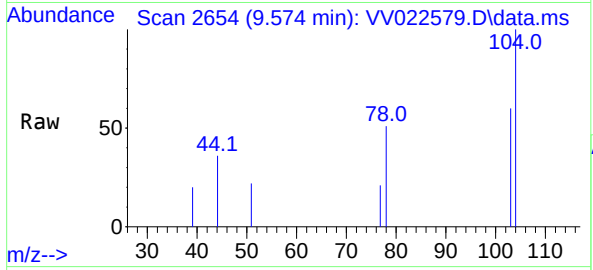
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Ion Ratio Lower Upper
164 100
129 81.9 65.5 121.6
131 84.7 62.4 116.0
166 111.4 91.1 169.3





#55
Styrene
Concen: 0.058 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.013 min
Lab File: VV022579.D
Acq: 05 Oct 2021 17:51

Tgt Ion:104 Resp: 1002
Ion Ratio Lower Upper
104 100
78 50.7 28.7 53.3



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