

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022679.D
 Acq On : 07 Oct 2021 21:53
 Operator : SY/MD
 Sample : M4052-04DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX4DL

Quant Time: Oct 08 04:04:47 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

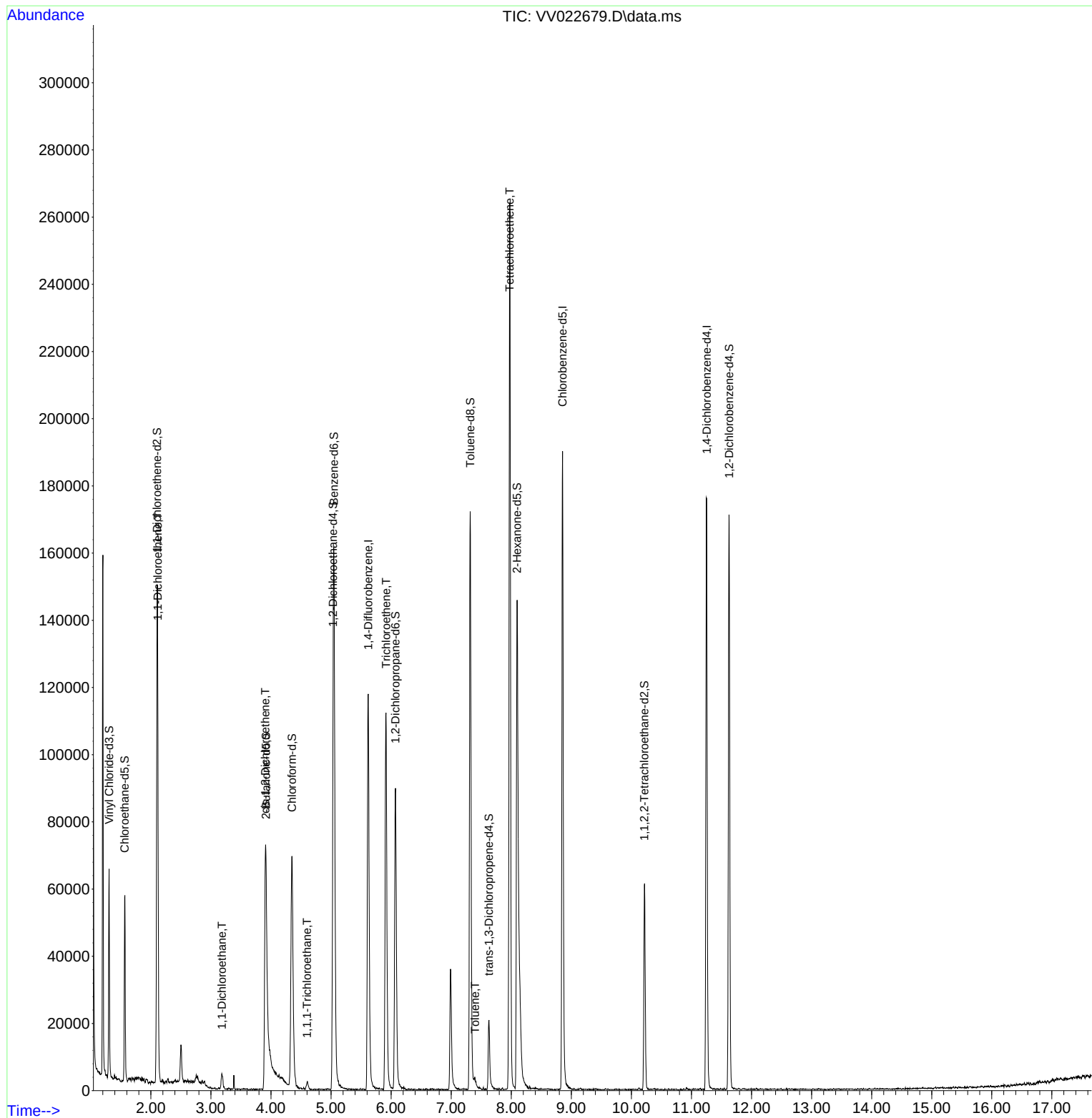
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107857	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36218	4.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.564	69	33669	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.105	63	63698	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.918	46	71504	36.749	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.500%
24) Chloroform-d	4.349	84	70673	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	35121	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	142687	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	44247	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	118470	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.629	79	13134	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.095	63	57776	44.931	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29851	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.628	152	48436	5.389	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	21434	3.290	ug/L	91
19) 1,1-Dichloroethane	3.182	63	4377	0.343	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	27510	3.698	ug/L	92
29) 1,1,1-Trichloroethane	4.600	97	1707	0.137	ug/L #	90
34) Trichloroethene	5.915	95	39028	4.884	ug/L	98
42) Toluene	7.397	91	2552	0.086	ug/L	93
47) Tetrachloroethene	7.976	164	60759	9.402	ug/L	97

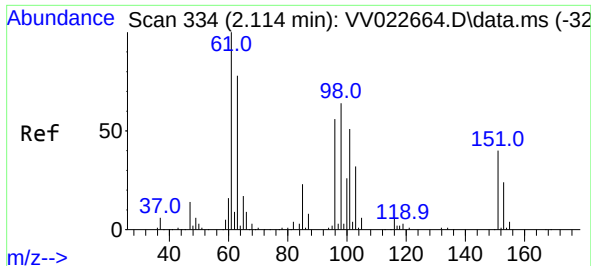
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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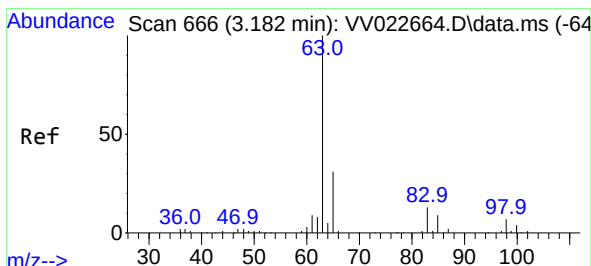
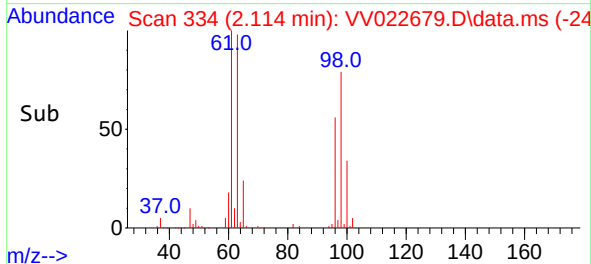
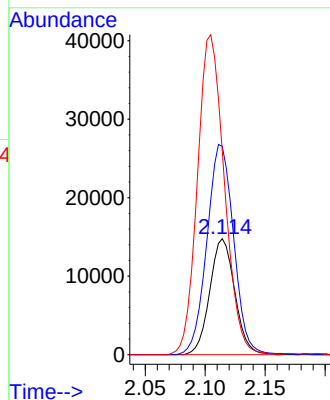
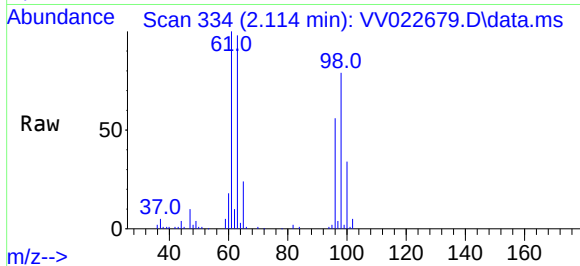


#12
1,1-Dichloroethene
Concen: 3.290 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022679.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AX4DL

Tgt Ion: 96 Resp: 21434

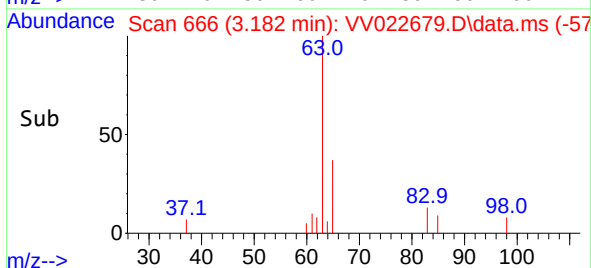
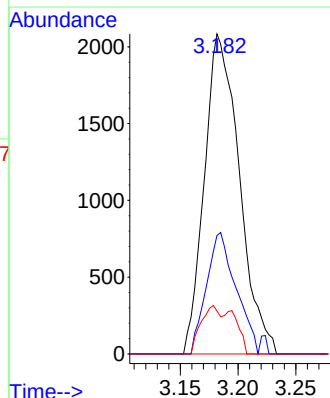
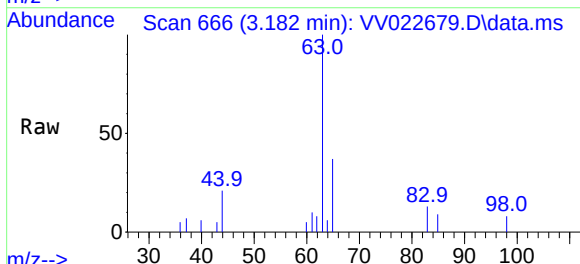
Ion	Ratio	Lower	Upper
96	100		
61	179.7	127.3	236.5
63	175.5	106.2	197.2

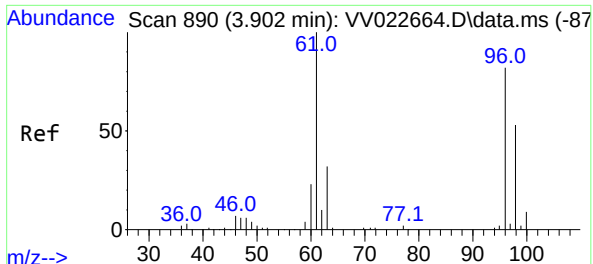


#19
1,1-Dichloroethane
Concen: 0.343 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.000 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

Tgt Ion: 63 Resp: 4377

Ion	Ratio	Lower	Upper
63	100		
65	37.0	23.5	43.7
83	13.4	10.1	18.7

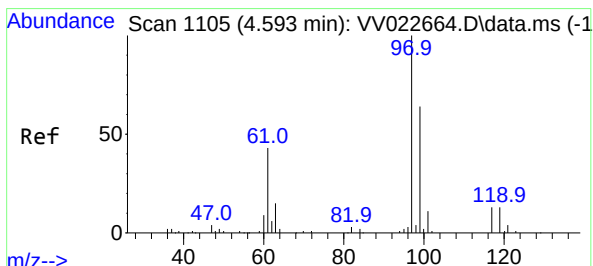
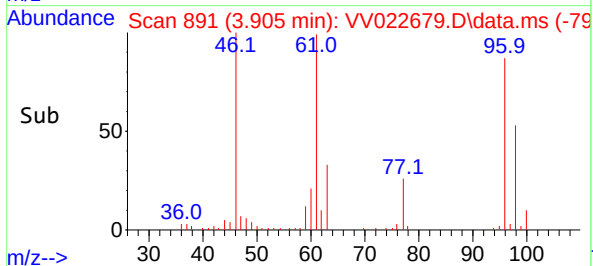
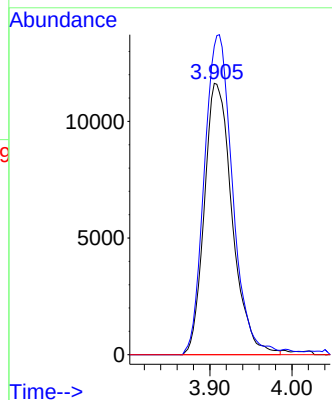
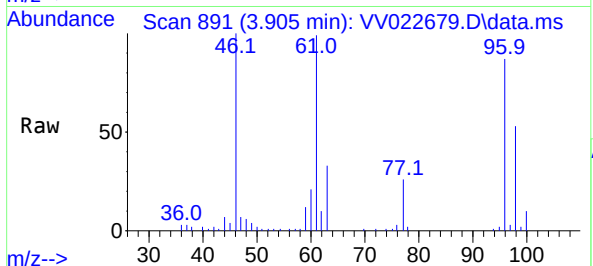




#22
cis-1,2-Dichloroethene
Concen: 3.698 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

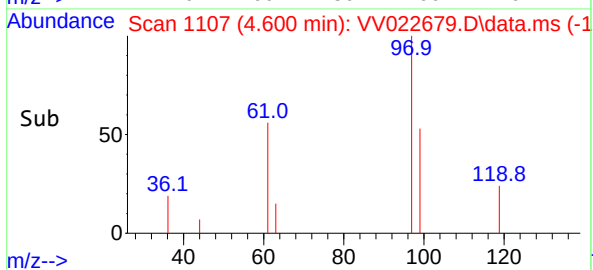
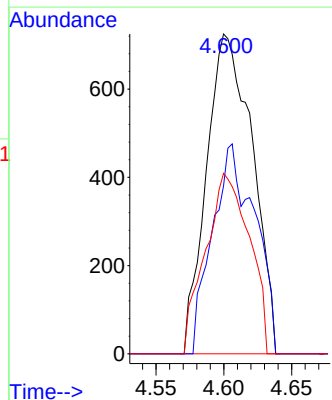
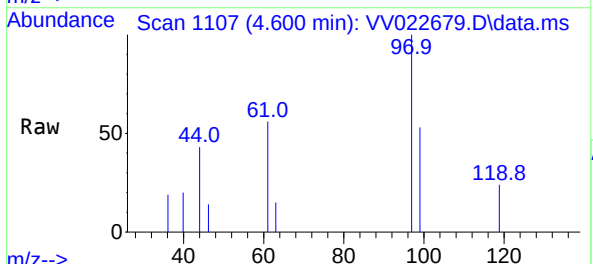
Instrument :
MSVOA_V
ClientSampleId :
C0AX4DL

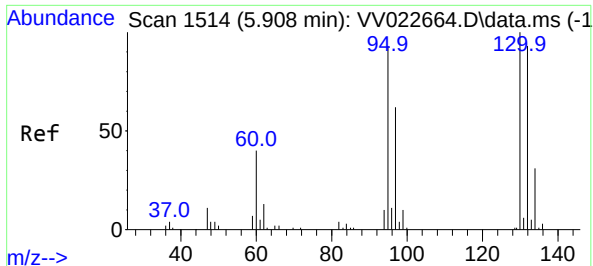
Tgt Ion: 96 Resp: 27510
Ion Ratio Lower Upper
96 100
61 113.7 86.0 159.6
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 0.137 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

Tgt Ion: 97 Resp: 1707
Ion Ratio Lower Upper
97 100
99 60.9 51.2 76.8
61 54.0 33.2 49.8#

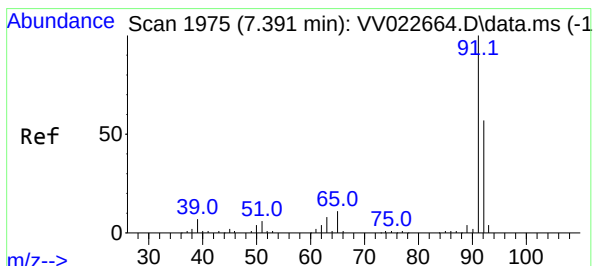
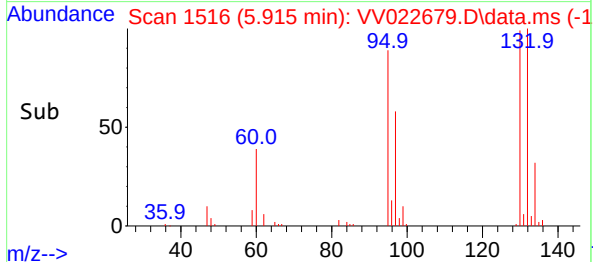
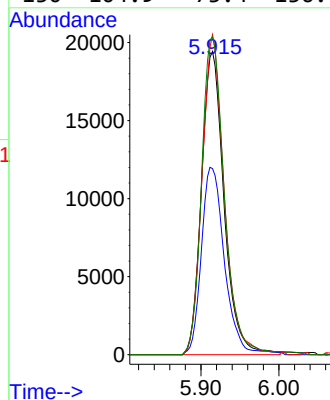
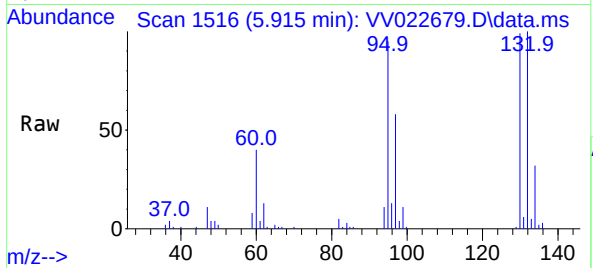




#34
Trichloroethene
Concen: 4.884 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

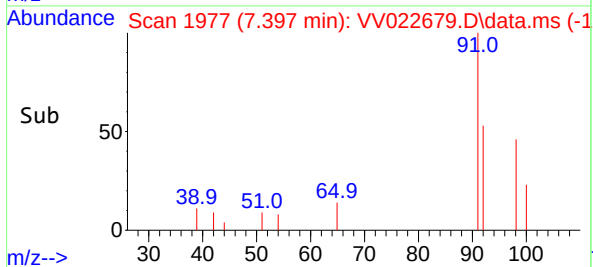
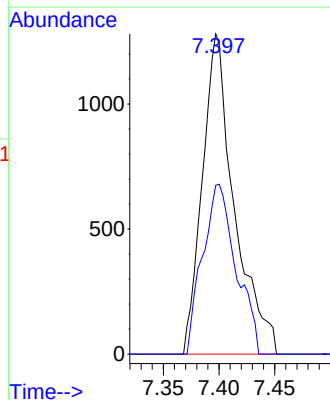
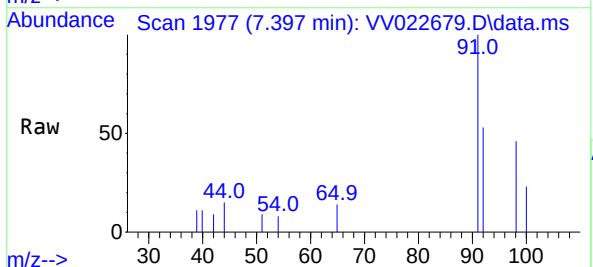
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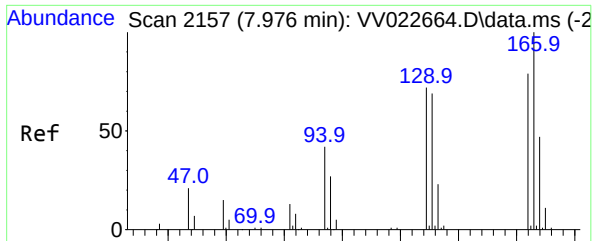
Tgt Ion: 95 Resp: 39028
Ion Ratio Lower Upper
95 100
97 61.4 45.8 85.2
132 105.6 72.2 134.0
130 104.9 73.4 136.4



#42
Toluene
Concen: 0.086 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

Tgt Ion: 91 Resp: 2552
Ion Ratio Lower Upper
91 100
92 52.7 40.7 75.7





#47
Tetrachloroethene
Concen: 9.402 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022679.D
Acq: 07 Oct 2021 21:53

Instrument :
MSVOA_V
ClientSampleId :
C0AX4DL

Tgt Ion:164 Resp: 60759

Ion	Ratio	Lower	Upper
164	100		
129	87.6	65.0	120.6
131	84.4	62.2	115.4
166	127.6	89.2	165.8

