

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100521\
 Data File : VV022594.D
 Acq On : 06 Oct 2021 01:48
 Operator : SY/MD
 Sample : M4051-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT8

Quant Time: Oct 06 08:07:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 07:50:25 2021
 Response via : Initial Calibration

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

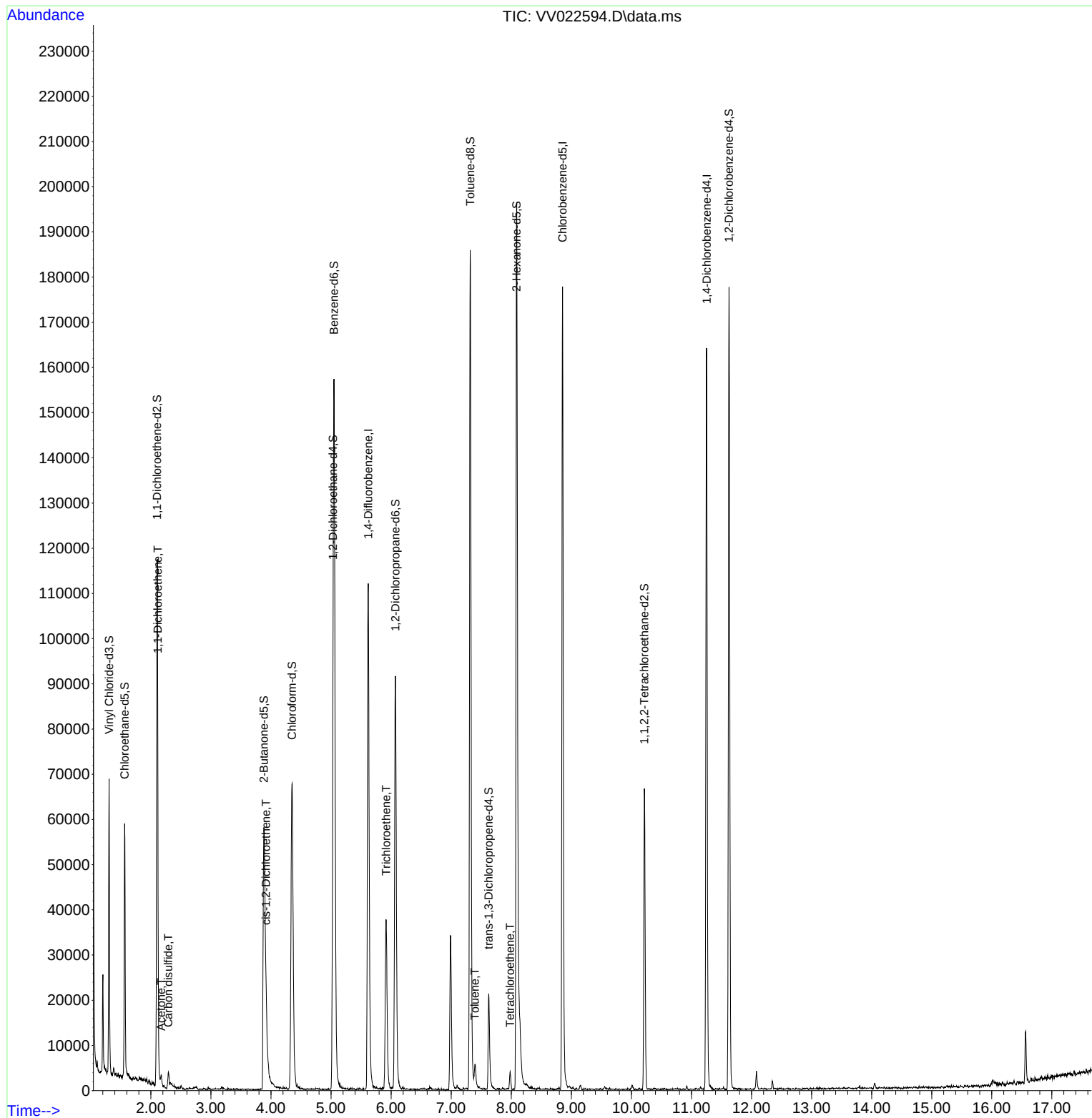
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38509	11.964	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 239.200%#		
7) Chloroethane-d5	1.564	69	32974	7.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 152.000%#		
11) 1,1-Dichloroethene-d2	2.105	63	59232	6.342	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 126.800%#		
20) 2-Butanone-d5	3.883	46	93367	49.072	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 98.140%		
24) Chloroform-d	4.349	84	72650	5.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.200%		
26) 1,2-Dichloroethane-d4	5.034	65	36721	6.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 125.800%		
32) Benzene-d6	5.050	84	144125	6.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 125.800%#		
36) 1,2-Dichloropropane-d6	6.072	67	44937	5.554	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.000%		
41) Toluene-d8	7.317	98	123095	6.403	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 128.000%		
43) trans-1,3-Dichloroprop...	7.625	79	12308	5.749	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.000%		
46) 2-Hexanone-d5	8.088	63	62721	47.312	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30916	5.029	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	48384	6.780	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 135.600%#		
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	2849	0.463	ug/L #	1
13) Acetone	2.172	43	2500	2.443	ug/L #	48
14) Carbon disulfide	2.291	76	3676	0.204	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	3856	0.530	ug/L	91
34) Trichloroethene	5.918	95	12585	1.579	ug/L	98
42) Toluene	7.394	91	4322	0.150	ug/L	95
47) Tetrachloroethene	7.982	164	812	0.131	ug/L #	76

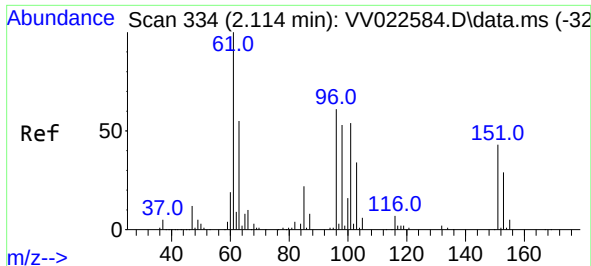
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 07:50:25 2021
Response via : Initial Calibration

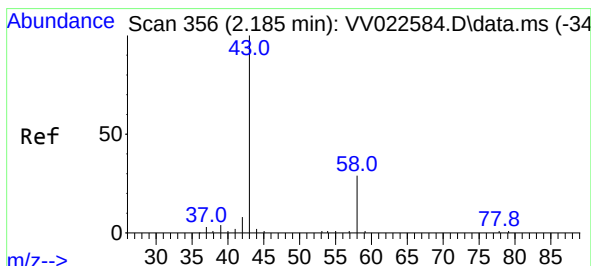
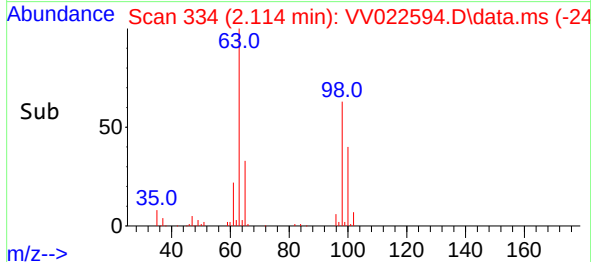
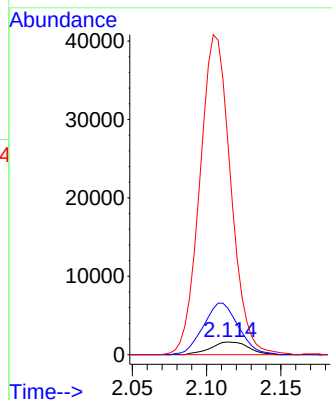
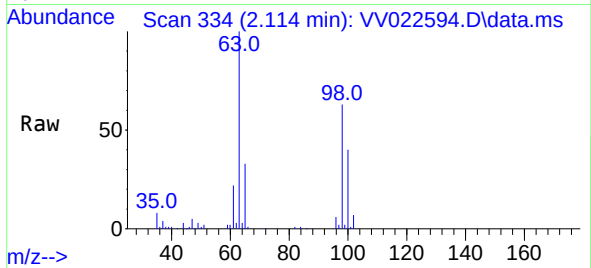




#12
1,1-Dichloroethene
Concen: 0.463 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022594.D
Acq: 06 Oct 2021 01:48

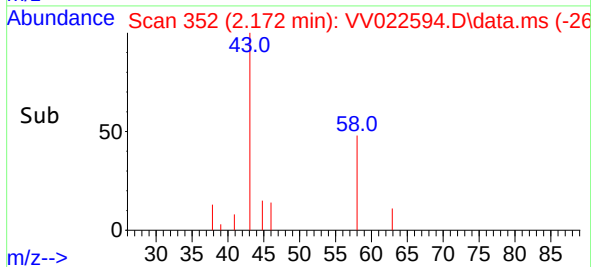
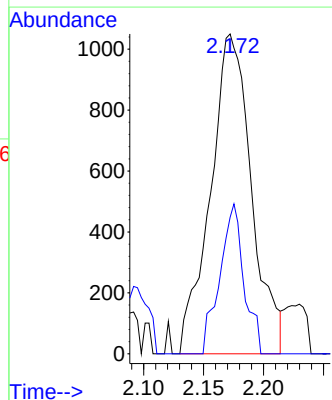
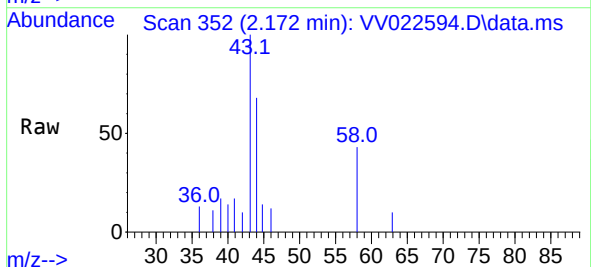
Instrument :
MSVOA_V
ClientSampleId :
C0AT8

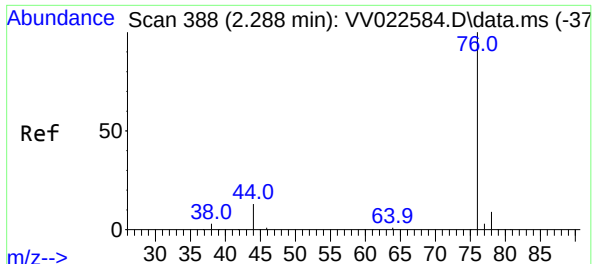
Tgt Ion: 96 Resp: 2849
Ion Ratio Lower Upper
96 100
61 366.6 113.2 210.2#
63 1687.4 66.6 123.8#



#13
Acetone
Concen: 2.443 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.013 min
Lab File: VV022594.D
Acq: 06 Oct 2021 01:48

Tgt Ion: 43 Resp: 2500
Ion Ratio Lower Upper
43 100
58 27.5 0.0 17.6#

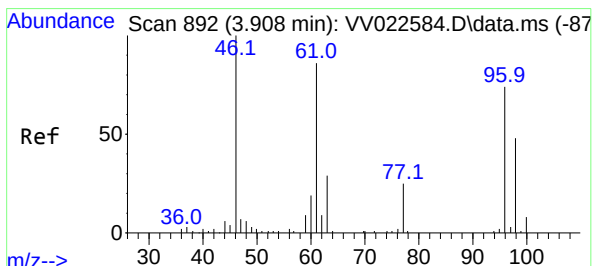
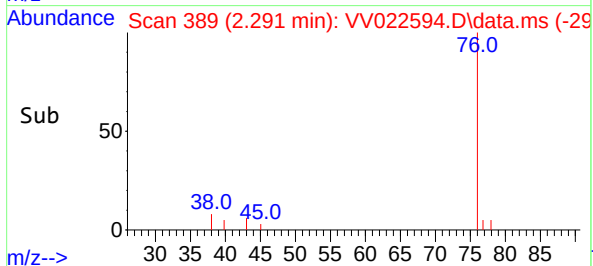
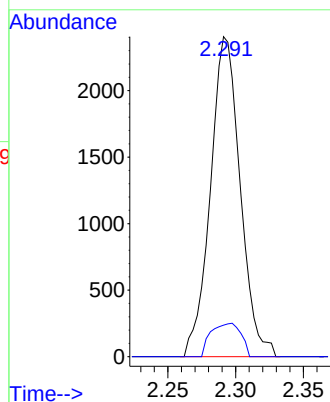
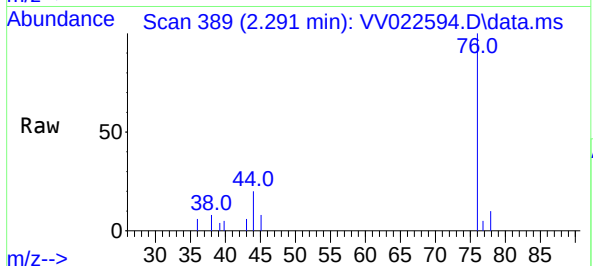




#14
Carbon disulfide
Concen: 0.204 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022594.D
Acq: 06 Oct 2021 01:48

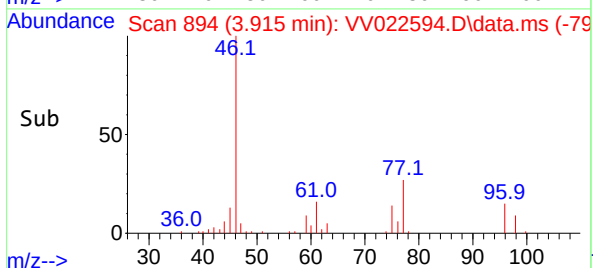
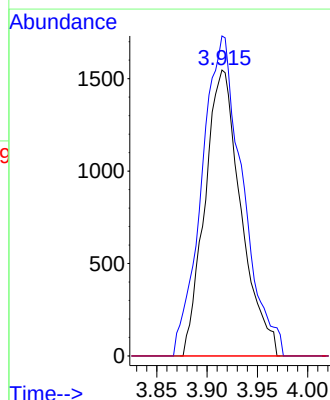
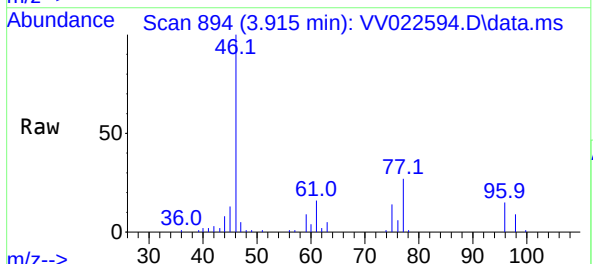
Instrument :
MSVOA_V
ClientSampled :
C0AT8

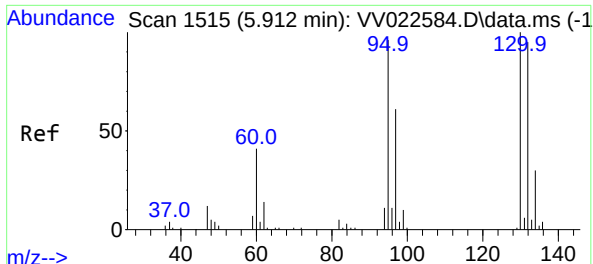
Tgt Ion: 76 Resp: 3676
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.530 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022594.D
Acq: 06 Oct 2021 01:48

Tgt Ion: 96 Resp: 3856
Ion Ratio Lower Upper
96 100
61 111.9 85.6 159.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.579 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022594.D

Acq: 06 Oct 2021 01:48

Tgt Ion: 95 Resp: 12585

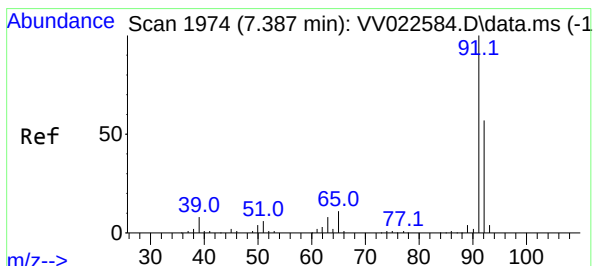
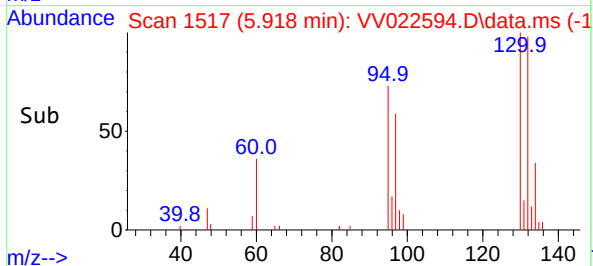
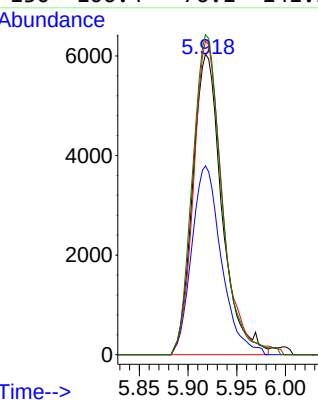
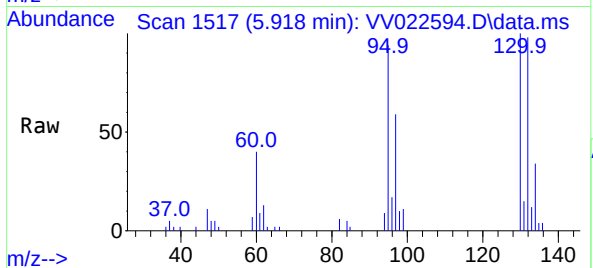
Ion Ratio Lower Upper

95 100

97 62.8 46.5 86.5

132 104.2 73.0 135.6

130 106.4 76.1 141.3



#42

Toluene

Concen: 0.150 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV022594.D

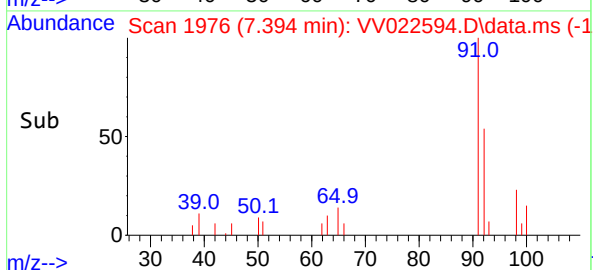
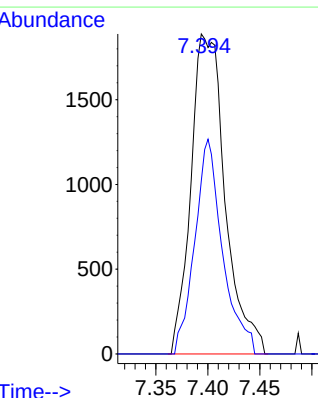
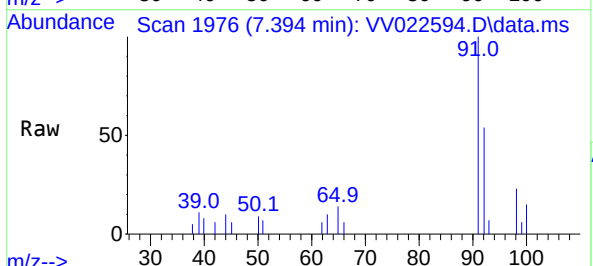
Acq: 06 Oct 2021 01:48

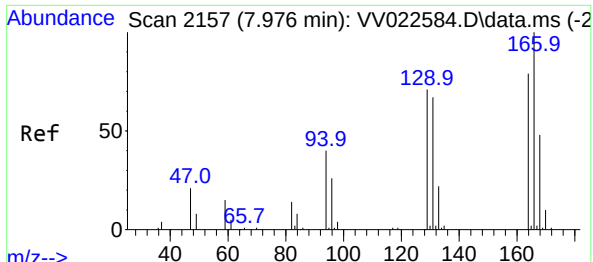
Tgt Ion: 91 Resp: 4322

Ion Ratio Lower Upper

91 100

92 54.1 40.5 75.3





#47
Tetrachloroethene
Concen: 0.131 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022594.D
Acq: 06 Oct 2021 01:48

Instrument :
MSVOA_V
ClientSampleId :
C0AT8

Tgt Ion:164 Resp: 812

Ion	Ratio	Lower	Upper
164	100		
129	108.7	65.5	121.6
131	126.1	62.4	116.0#
166	152.3	91.1	169.3

