

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022403.D
 Acq On : 30 Sep 2021 01:44
 Operator : SY/MD
 Sample : M3979-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A04

Quant Time: Sep 30 07:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

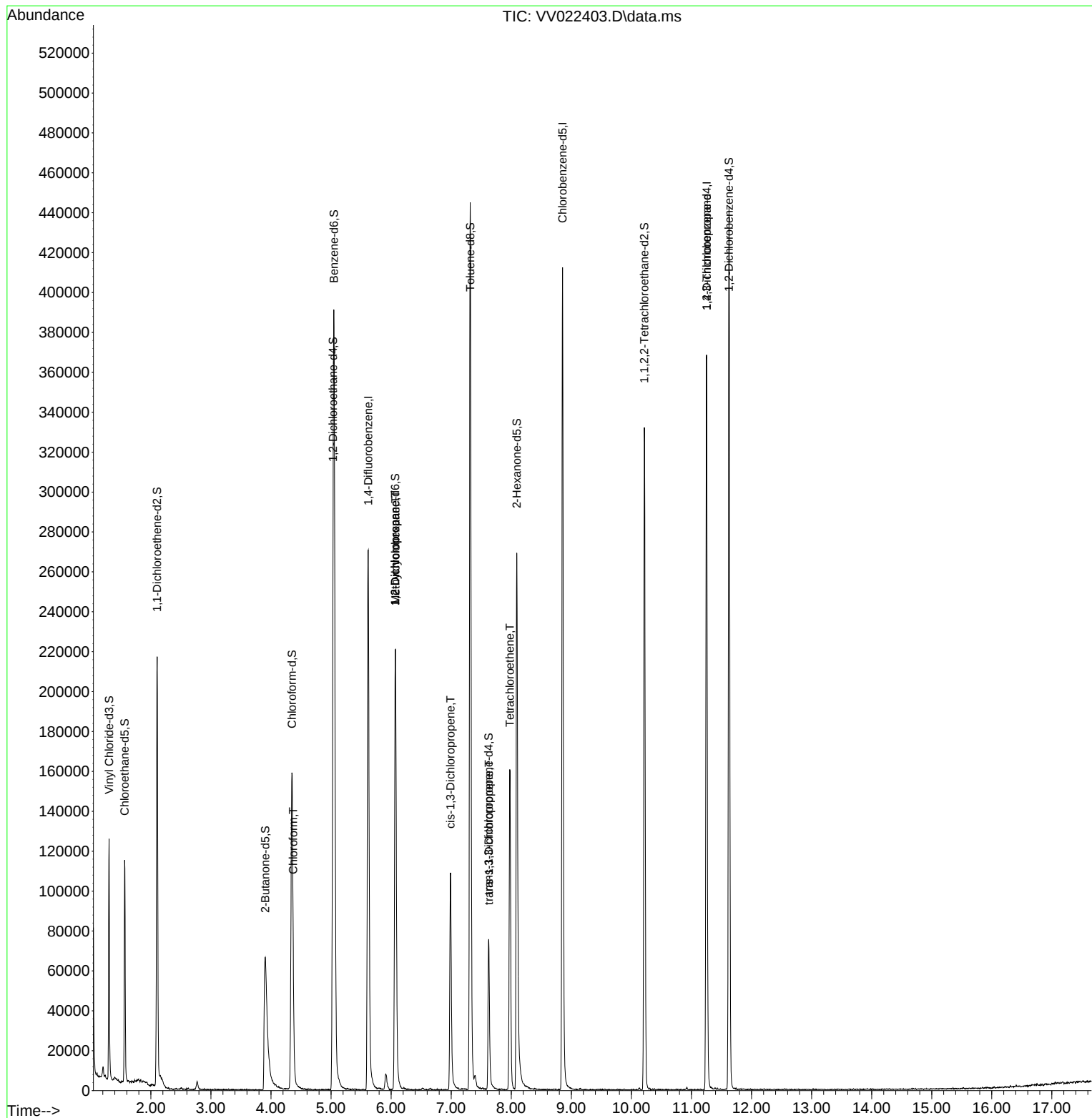
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	233761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73148	35.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.660%
7) Chloroethane-d5	1.564	69	68195	42.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.460%
11) 1,1-Dichloroethene-d2	2.104	63	111035	31.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.560%
21) 2-Butanone-d5	3.905	46	149423	103.702	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.349	84	167452	45.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	5.034	65	106144	46.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
32) Benzene-d6	5.050	84	338756	46.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	6.069	67	111343	47.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.660%
41) Toluene-d8	7.316	98	301762	44.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	7.625	79	45303	42.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.340%
47) 2-Hexanone-d5	8.091	63	97108	101.581	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	158728	46.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	11.625	152	118779	52.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.960%
Target Compounds						Qvalue
25) Chloroform	4.368	83	1669	0.492	ug/L	85
35) Methylcyclohexane	6.072	83	26961	9.540	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	12409	6.778	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2753	1.022	ug/L #	73
44) trans-1,3-Dichloropropene	7.628	75	2030	0.789	ug/L #	77
46) Tetrachloroethene	7.979	164	37035	24.518	ug/L	97
61) 1,2,3-Trichloropropane	11.252	75	11551	6.141	ug/L #	64

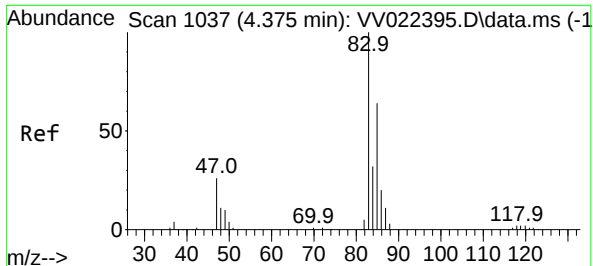
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.492 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV022403.D

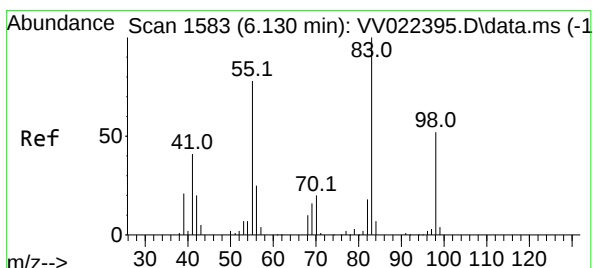
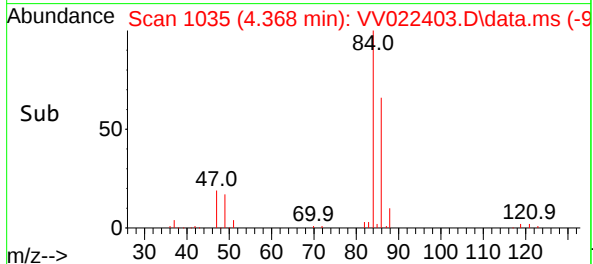
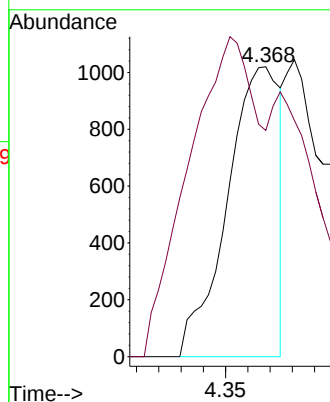
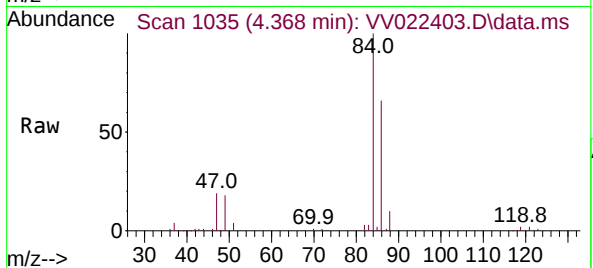
Acq: 30 Sep 2021 01:44

Tgt Ion: 83 Resp: 1669

Ion Ratio Lower Upper

83 100

85 78.0 46.5 86.3



#35

Methylcyclohexane

Concen: 9.540 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022403.D

Acq: 30 Sep 2021 01:44

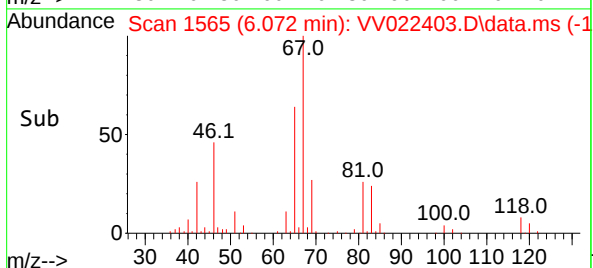
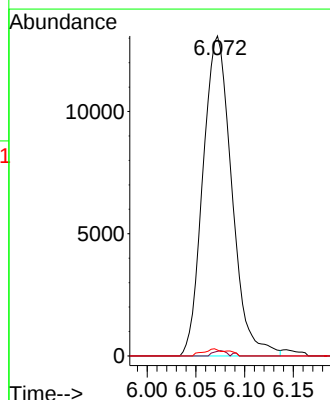
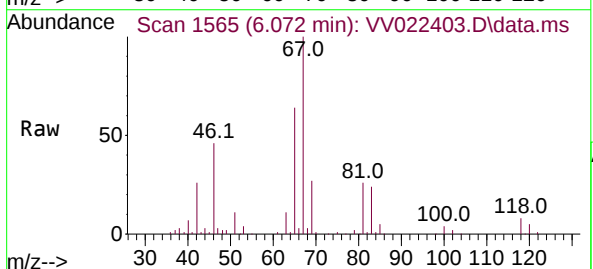
Tgt Ion: 83 Resp: 26961

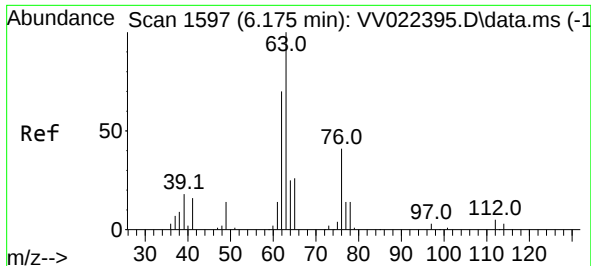
Ion Ratio Lower Upper

83 100

55 0.7 58.6 87.8#

98 1.4 39.2 58.8#

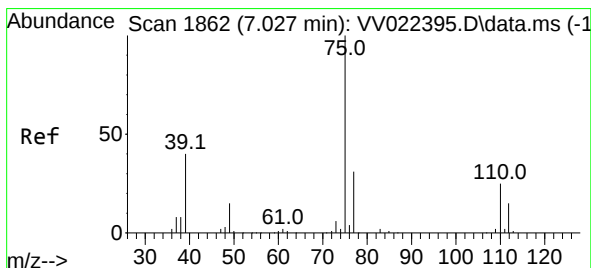
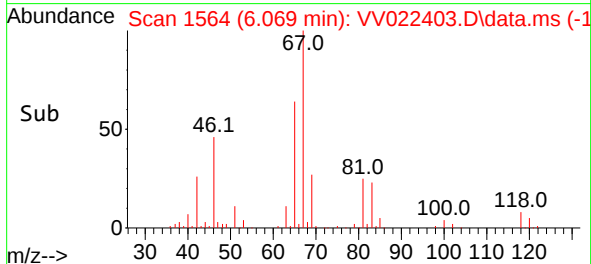
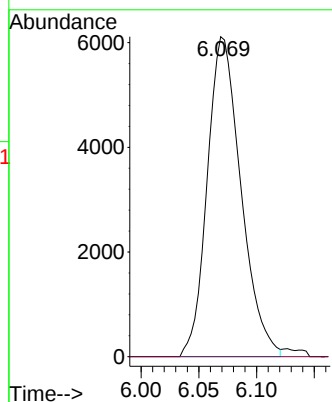
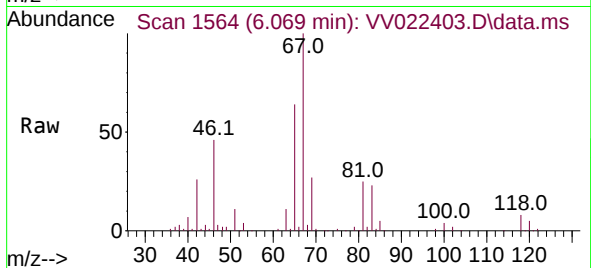




#37
1,2-Dichloropropane
Concen: 6.778 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022403.D
Acq: 30 Sep 2021 01:44

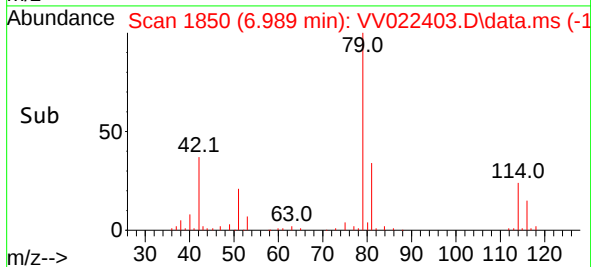
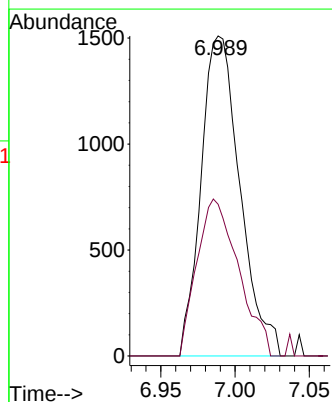
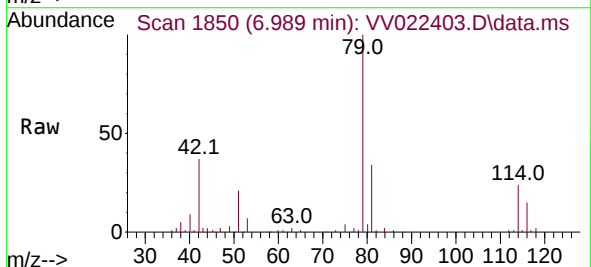
Instrument :
MSVOA_V
ClientSampled :
F4A04

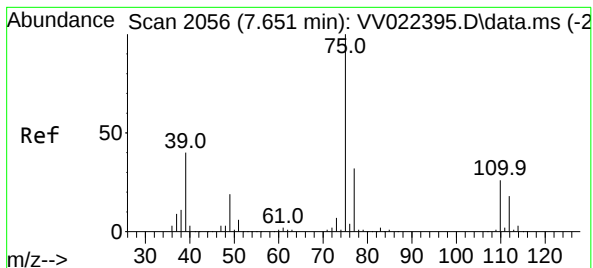
Tgt Ion: 63 Resp: 12409
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 1.022 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022403.D
Acq: 30 Sep 2021 01:44

Tgt Ion: 75 Resp: 2753
Ion Ratio Lower Upper
75 100
77 47.4 22.7 42.1#



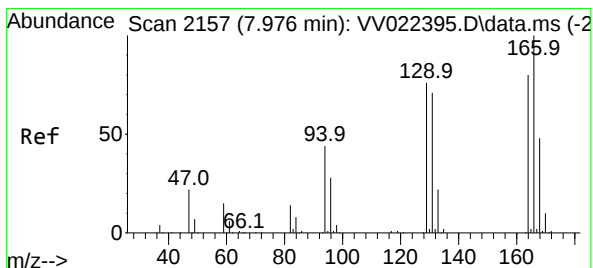
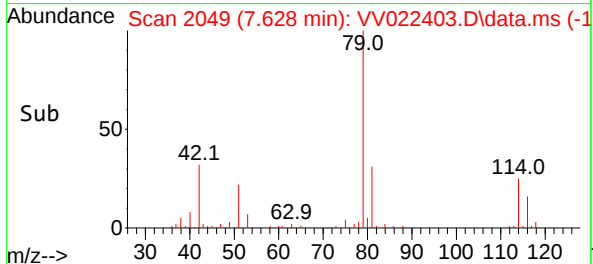
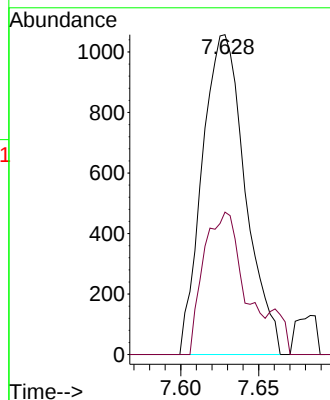
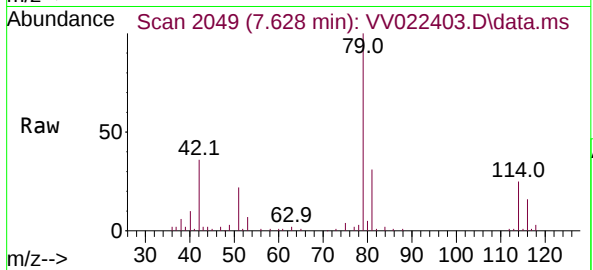


#44

trans-1,3-Dichloropropene
Concen: 0.789 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV022403.D
Acq: 30 Sep 2021 01:44

Instrument :
MSVOA_V
ClientSampled :
F4A04

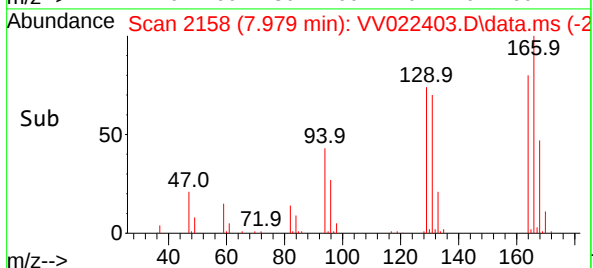
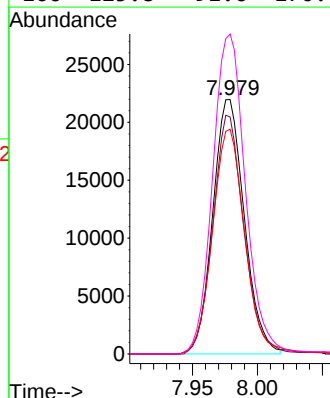
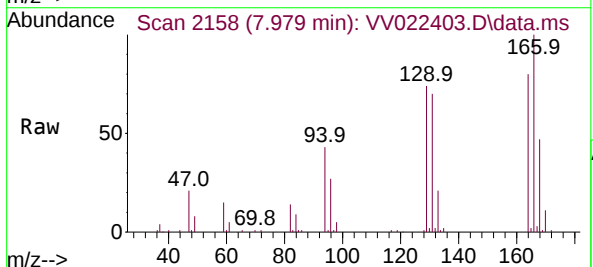
Tgt Ion: 75 Resp: 2030
Ion Ratio Lower Upper
75 100
77 44.6 22.3 41.3#

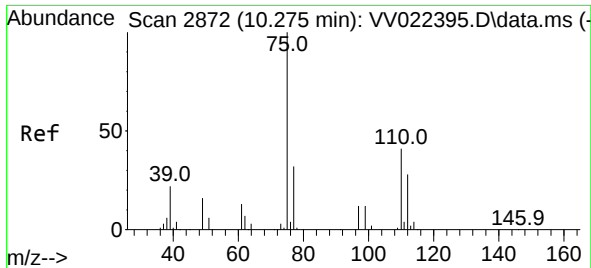


#46

Tetrachloroethene
Concen: 24.518 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022403.D
Acq: 30 Sep 2021 01:44

Tgt Ion: 164 Resp: 37035
Ion Ratio Lower Upper
164 100
129 93.1 66.4 123.4
131 88.4 63.6 118.0
166 125.8 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.141 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022403.D
 Acq: 30 Sep 2021 01:44

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A04

Tgt Ion:	75	Resp:	11551
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.4	38.0
110	2.1	32.6	48.8#

