

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051194.D
 Acq On : 07 Oct 2022 00:27
 Operator : JC/MD
 Sample : N4890-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D9

Quant Time: Oct 07 06:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

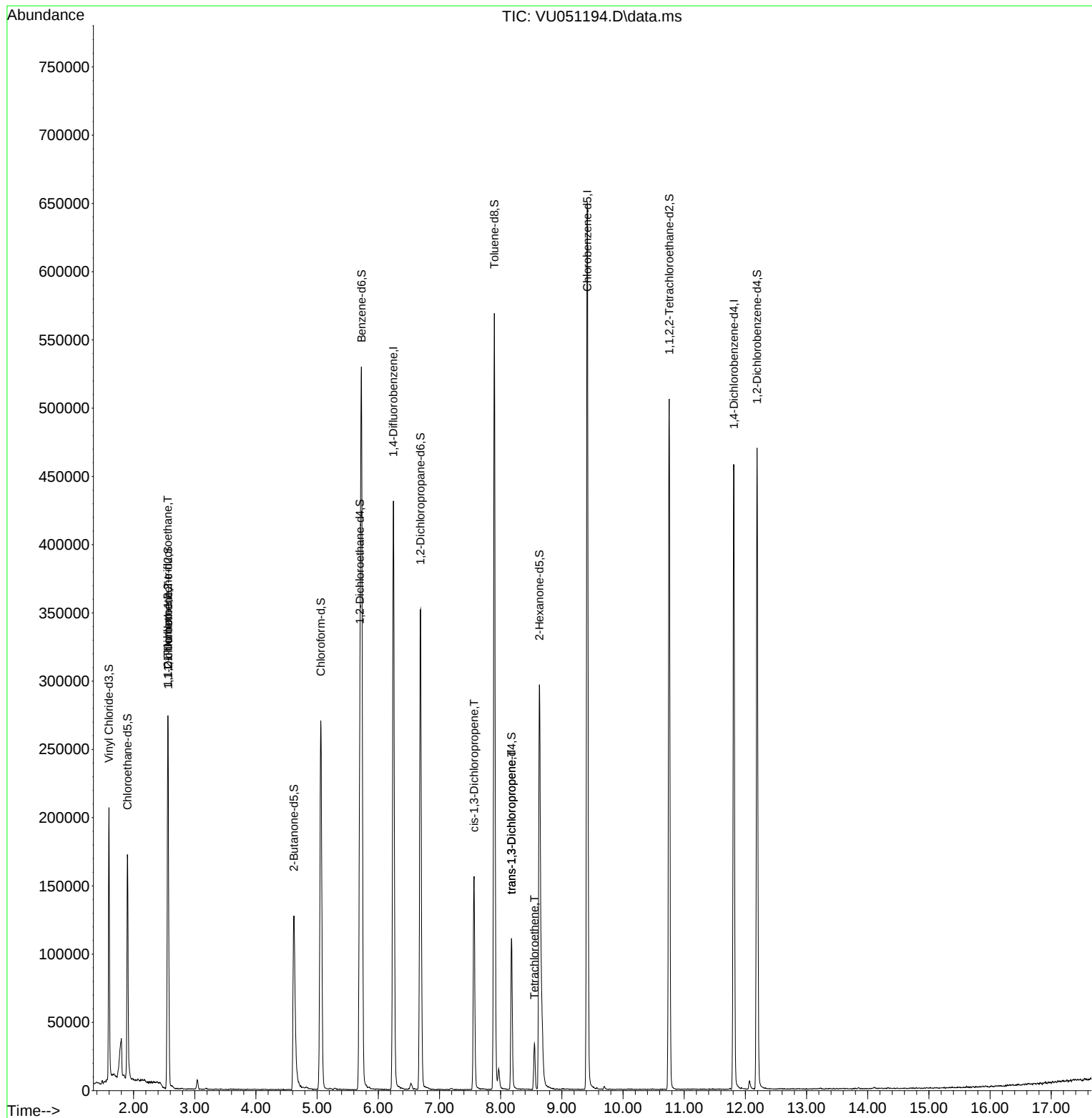
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	339606	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	367944	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	137675	40.002	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.000%
7) Chloroethane-d5	1.899	69	123742	38.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.562	63	162544	31.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.940%
21) 2-Butanone-d5	4.620	46	179970	80.622	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.620%
24) Chloroform-d	5.060	84	253433	45.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.700	65	168169	48.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
32) Benzene-d6	5.726	84	486545	45.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
36) 1,2-Dichloropropane-d6	6.690	67	171090	48.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.860%
41) Toluene-d8	7.896	98	375053	37.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.340%#
43) trans-1,3-Dichloroprop...	8.179	79	61584	36.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.860%
47) 2-Hexanone-d5	8.632	63	80437	56.976	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.980%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	258458	42.297	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	123817	47.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1532	0.591	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1217	0.503	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	3652	0.854	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	2943	0.680	ug/L	94
46) Tetrachloroethene	8.552	164	7554	3.431	ug/L	96

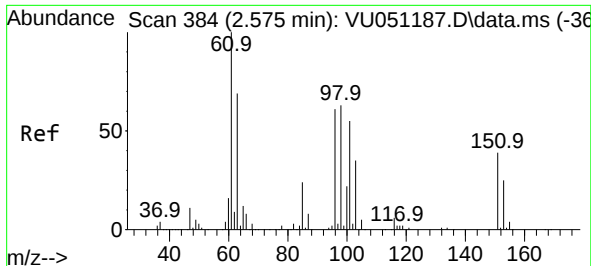
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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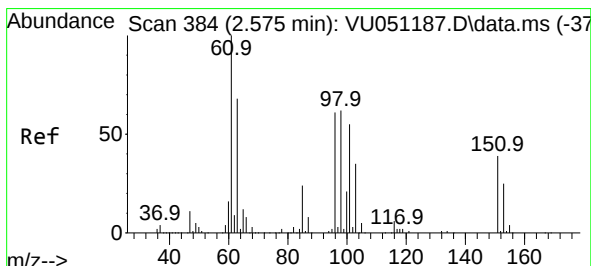
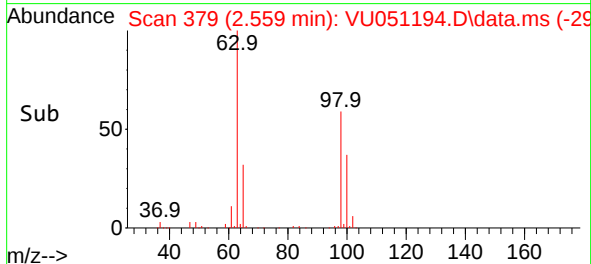
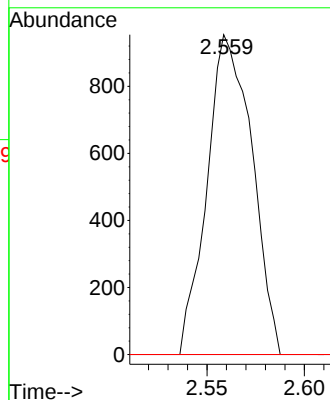
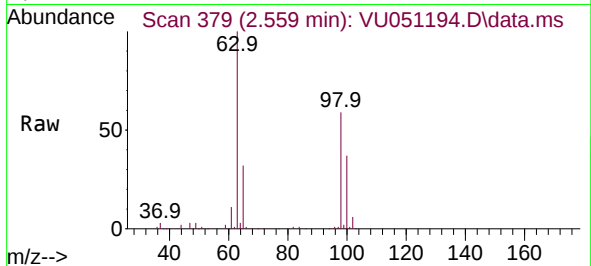




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051194.D
Acq: 07 Oct 2022 00:27

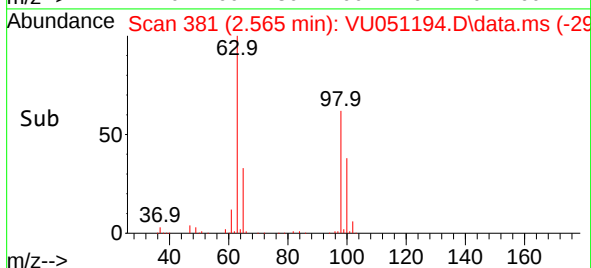
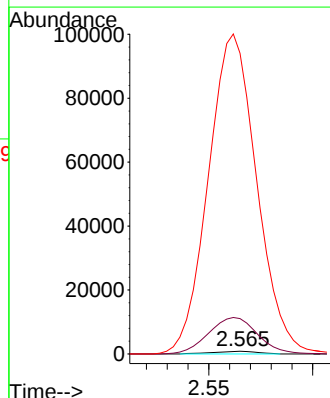
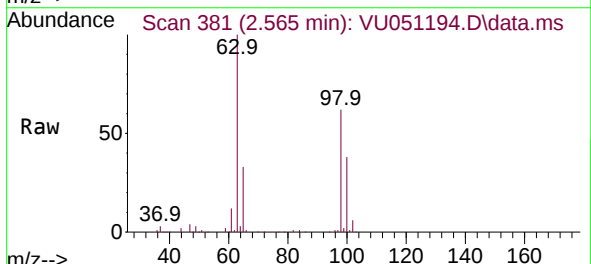
Instrument :
MSVOA_U
ClientSampleId :
EY0D9

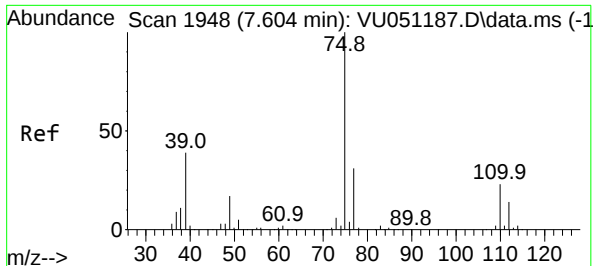
Tgt Ion:101 Resp: 1532
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.503 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051194.D
Acq: 07 Oct 2022 00:27

Tgt Ion: 96 Resp: 1217
Ion Ratio Lower Upper
96 100
61 1330.1 113.0 209.9#
63 11317.4 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051194.D

Acq: 07 Oct 2022 00:27

Instrument :

MSVOA_U

ClientSampleId :

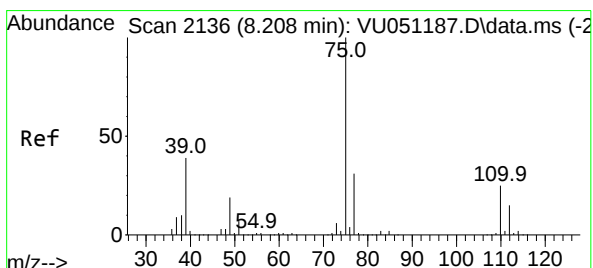
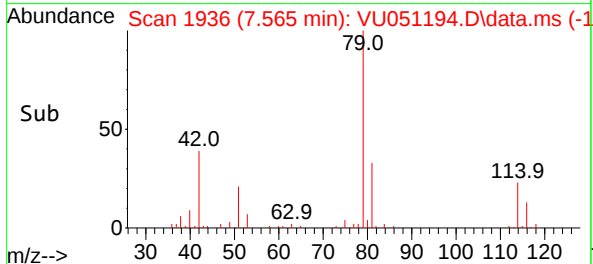
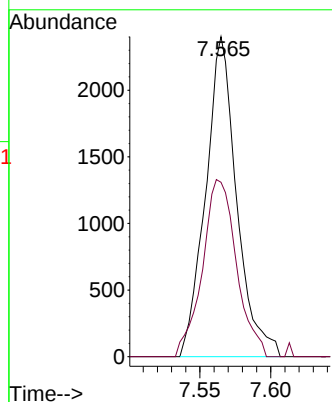
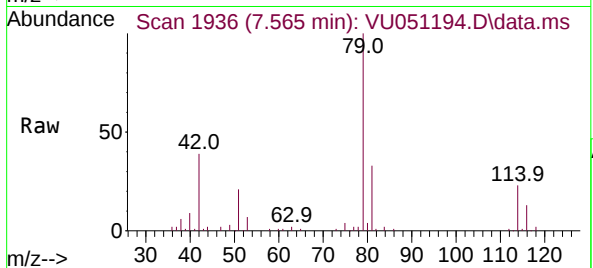
EY0D9

Tgt Ion: 75 Resp: 3652

Ion Ratio Lower Upper

75 100

77 54.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.680 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051194.D

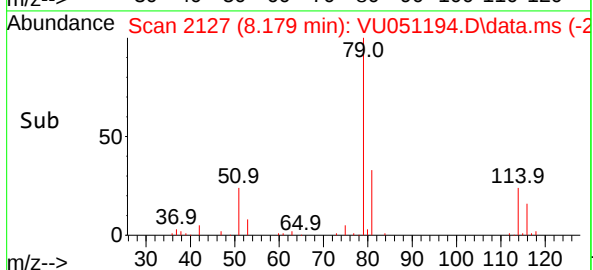
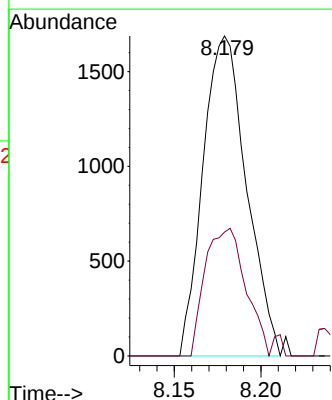
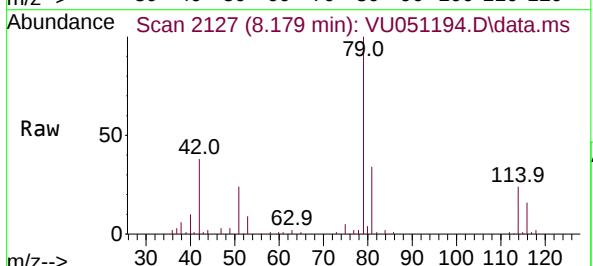
Acq: 07 Oct 2022 00:27

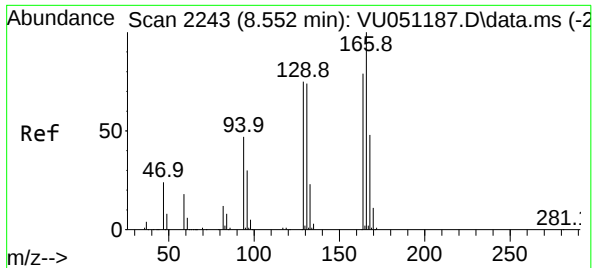
Tgt Ion: 75 Resp: 2943

Ion Ratio Lower Upper

75 100

77 36.1 22.7 42.3





#46
 Tetrachloroethene
 Concen: 3.431 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051194.D
 Acq: 07 Oct 2022 00:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D9

Tgt Ion:164	Resp:	7554
Ion	Ratio	Lower Upper
164	100	
129	93.9	68.1 126.5
131	93.3	67.8 126.0
166	124.6	90.5 168.1

