

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051190.D
 Acq On : 06 Oct 2022 22:52
 Operator : JC/MD
 Sample : N4893-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J51

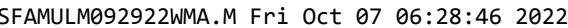
Quant Time: Oct 07 06:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

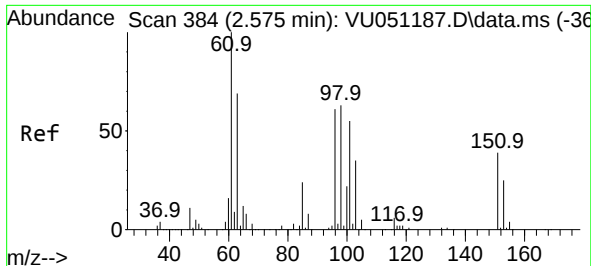
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	347725	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366115	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122465	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151955	43.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.240%
7) Chloroethane-d5	1.903	69	136280	41.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.260%
11) 1,1-Dichloroethene-d2	2.562	63	174263	33.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.960%
21) 2-Butanone-d5	4.620	46	190108	83.176	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.180%
24) Chloroform-d	5.060	84	270703	47.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	5.700	65	173866	49.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
32) Benzene-d6	5.726	84	523359	48.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	6.687	67	178900	51.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.840%
41) Toluene-d8	7.896	98	414350	41.830	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.660%
43) trans-1,3-Dichloroprop...	8.179	79	66951	40.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.700%
47) 2-Hexanone-d5	8.629	63	98613	70.200	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	269179	44.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.540%
66) 1,2-Dichlorobenzene-d4	12.192	152	133771	51.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.260%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	950	0.358	ug/L #	24
12) 1,1-Dichloroethene	2.562	96	1530	0.617	ug/L #	1
13) Acetone	2.626	43	14580	7.988	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	10999	1.372	ug/L #	88
34) Trichloroethene	6.539	95	12835	4.440	ug/L	93
44) trans-1,3-Dichloropropene	8.179	75	3029	0.704	ug/L	95
45) 1,1,2-Trichloroethane	8.552	97	5635	1.731	ug/L #	1
46) Tetrachloroethene	8.552	164	632666	288.773	ug/L	98

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

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Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration

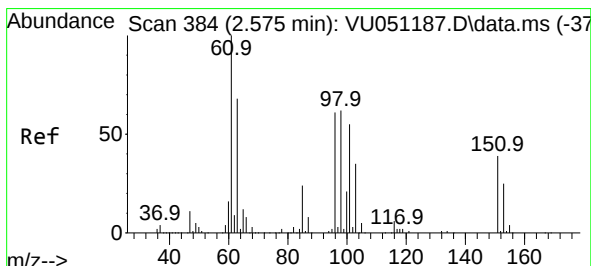
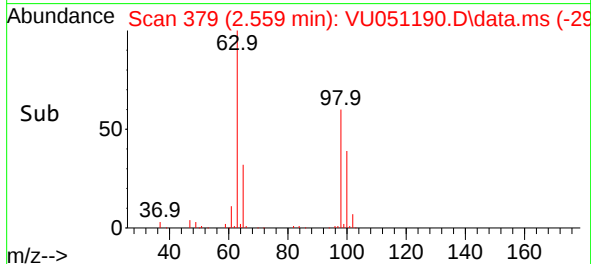
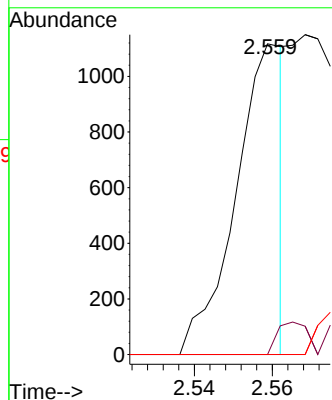
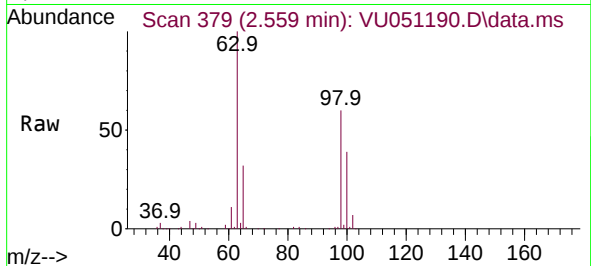




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.358 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051190.D
Acq: 06 Oct 2022 22:52

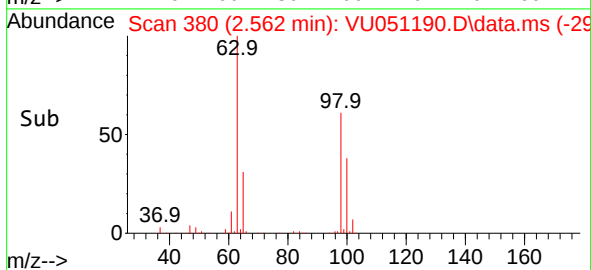
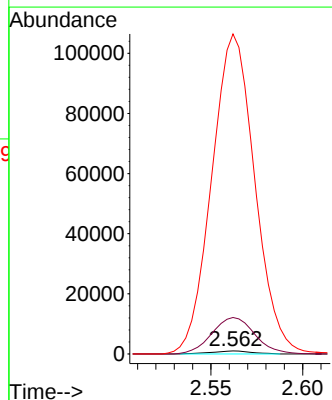
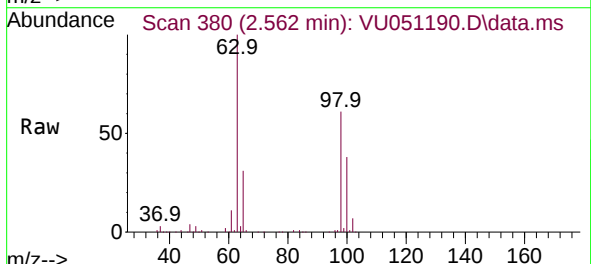
Instrument :
MSVOA_U
ClientSampleId :
F5J51

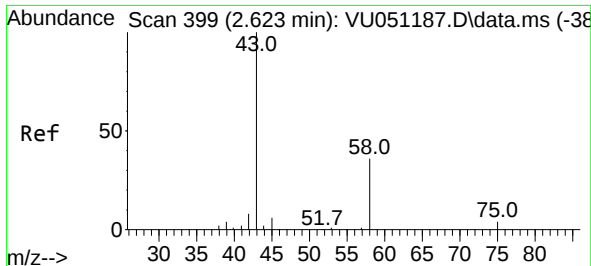
Tgt Ion:101 Resp: 950
Ion Ratio Lower Upper
101 100
85 6.5 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051190.D
Acq: 06 Oct 2022 22:52

Tgt Ion: 96 Resp: 1530
Ion Ratio Lower Upper
96 100
61 1225.9 113.0 209.9#
63 10772.5 91.7 170.3#





#13

Acetone

Concen: 7.988 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051190.D

Acq: 06 Oct 2022 22:52

Instrument :

MSVOA_U

ClientSampleId :

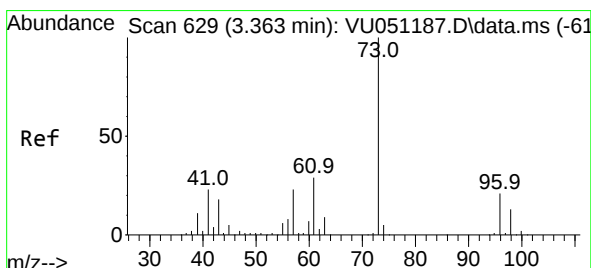
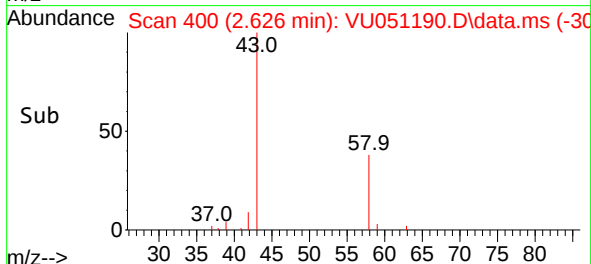
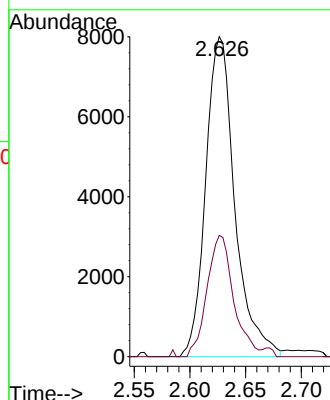
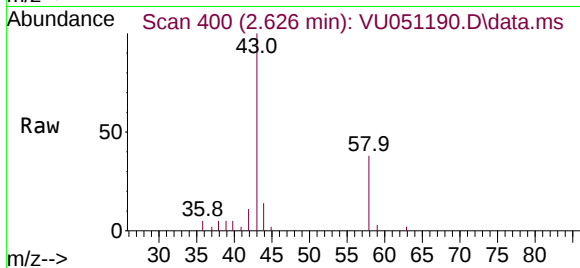
F5J51

Tgt Ion: 43 Resp: 14580

Ion Ratio Lower Upper

43 100

58 34.4 0.0 73.6



#18

Methyl tert-butyl Ether

Concen: 1.372 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051190.D

Acq: 06 Oct 2022 22:52

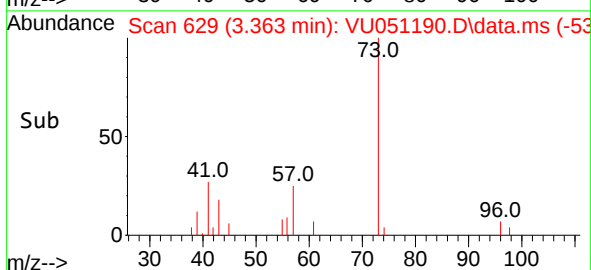
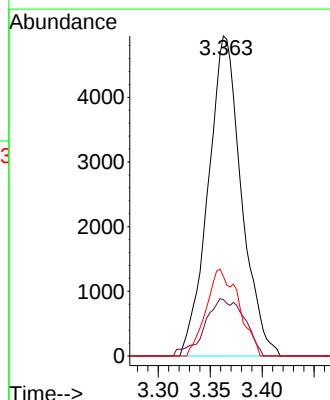
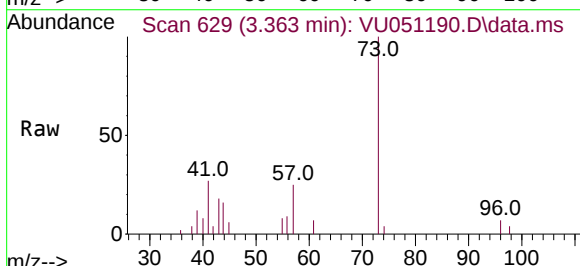
Tgt Ion: 73 Resp: 10999

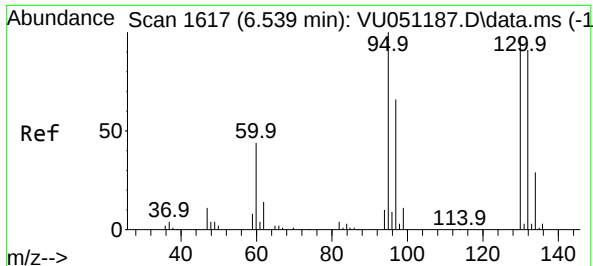
Ion Ratio Lower Upper

73 100

43 10.5 14.7 22.1#

57 18.4 17.5 26.3





#34

Trichloroethene

Concen: 4.440 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051190.D

Acq: 06 Oct 2022 22:52

Instrument :

MSVOA_U

ClientSampleId :

F5J51

Tgt Ion: 95 Resp: 12835

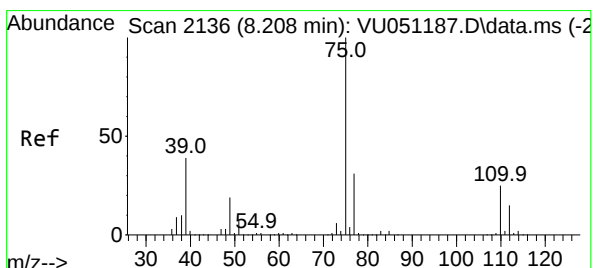
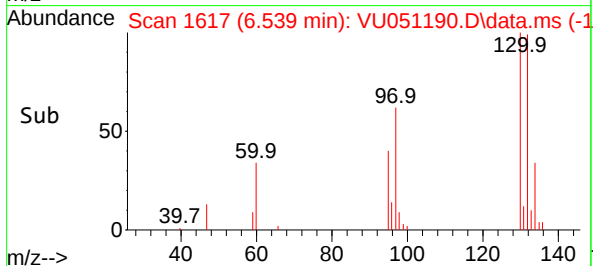
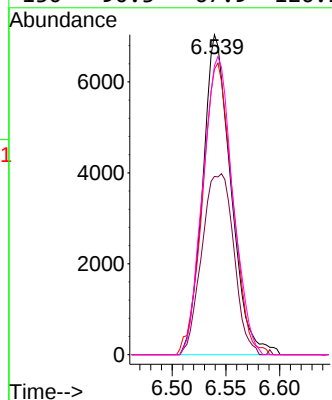
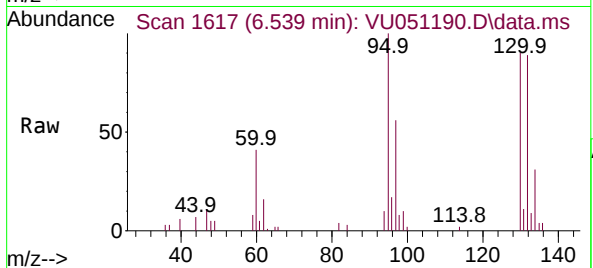
Ion Ratio Lower Upper

95 100

97 55.7 45.9 85.3

132 89.2 64.0 119.0

130 90.3 67.9 126.1



#44

trans-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051190.D

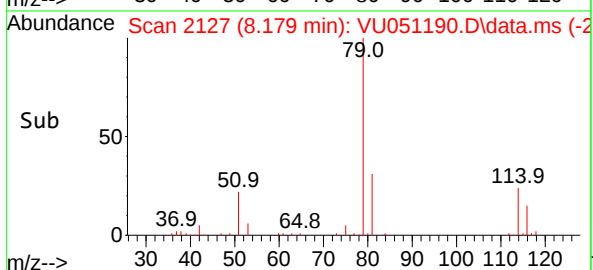
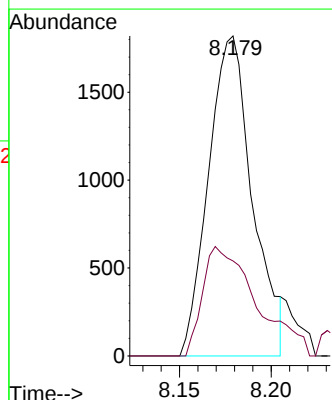
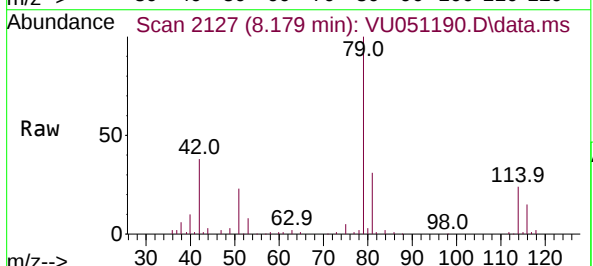
Acq: 06 Oct 2022 22:52

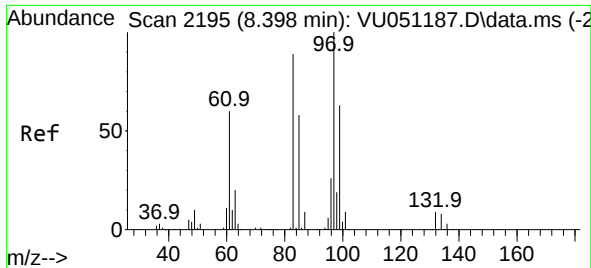
Tgt Ion: 75 Resp: 3029

Ion Ratio Lower Upper

75 100

77 29.7 22.7 42.3



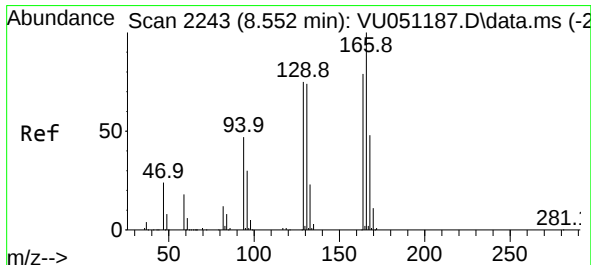
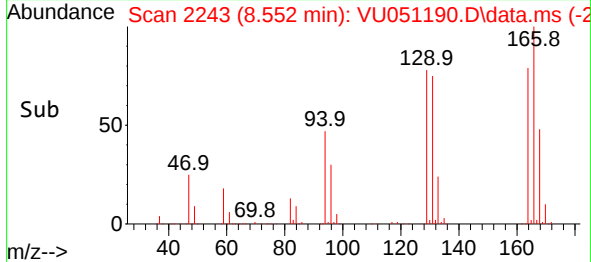
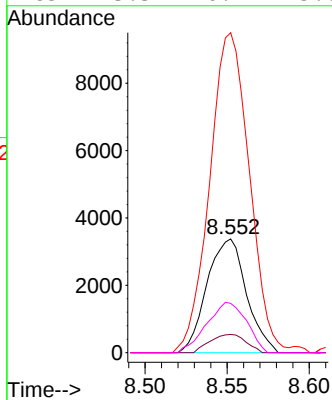
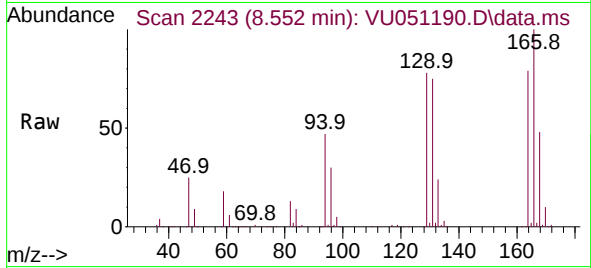


#45
1,1,2-Trichloroethane
Concen: 1.731 ug/L
RT: 8.552 min Scan# 2195
Delta R.T. 0.154 min
Lab File: VU051190.D
Acq: 06 Oct 2022 22:52

Instrument :
MSVOA_U
ClientSampleId :
F5J51

Tgt Ion: 97 Resp: 5635

Ion	Ratio	Lower	Upper
97	100		
99	16.0	44.4	82.4#
83	281.2	61.7	114.5#
85	43.3	40.4	75.0



#46
Tetrachloroethene
Concen: 288.773 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051190.D
Acq: 06 Oct 2022 22:52

Tgt Ion: 164 Resp: 632666

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.1	126.5
131	94.3	67.8	126.0
166	126.2	90.5	168.1

