

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051224.D
 Acq On : 07 Oct 2022 17:44
 Operator : JC/MD
 Sample : N4873-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ58

Quant Time: Oct 08 04:27:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

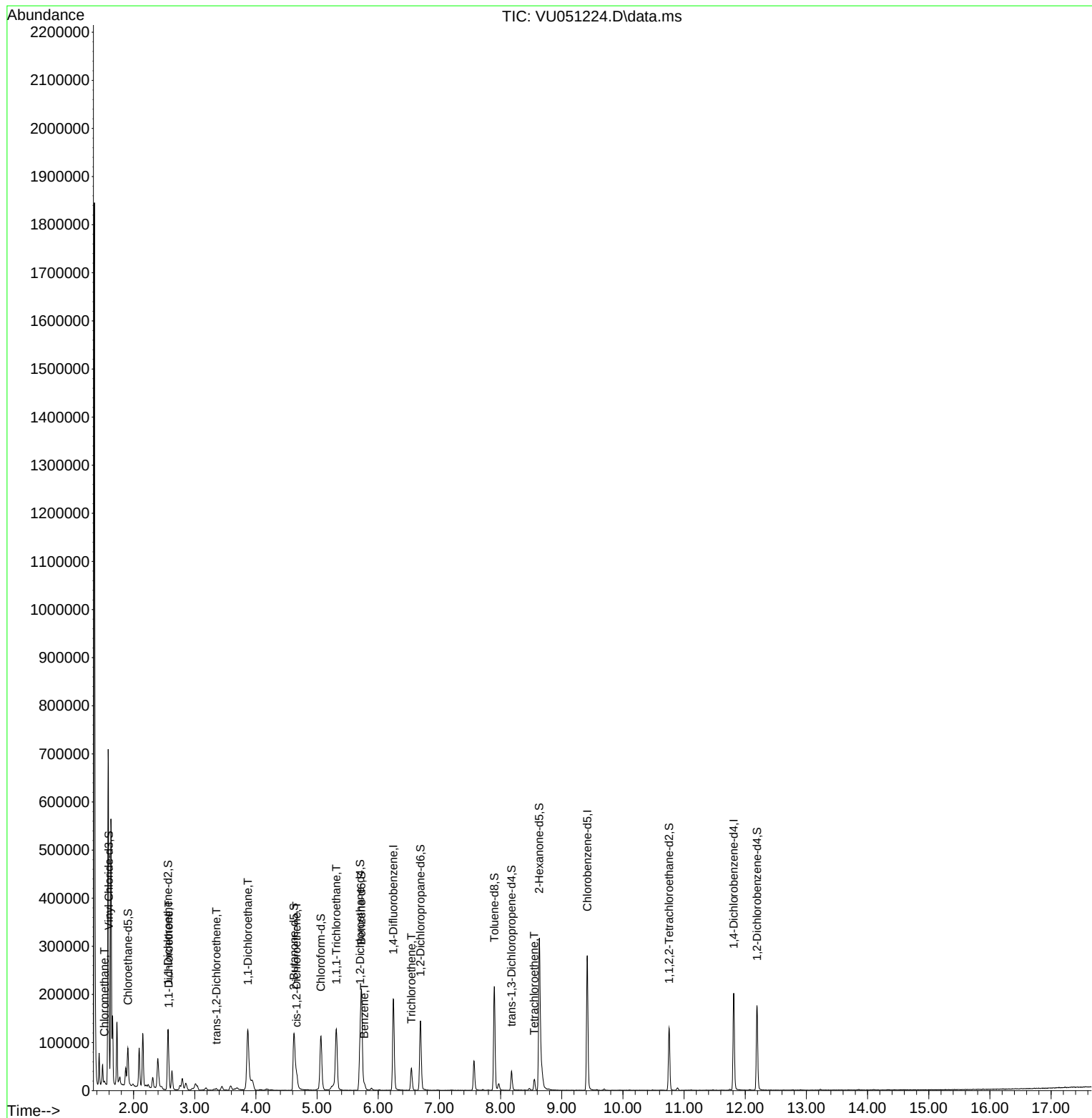
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	149962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	159687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53741	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56969	4.710	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.909	69	50319	4.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.562	65	22344	4.673	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.400%	
20) 2-Butanone-d5	4.620	46	169540	63.659	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.320%	
24) Chloroform-d	5.063	84	104292	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.703	65	61626	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.726	84	197741	4.501	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.690	67	71881	4.818	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.899	98	148659	3.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	8.179	79	21442	4.375	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.632	63	88776	53.739	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.480%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67761	5.686	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	46519	4.980	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	5578	0.325	ug/L	92
12) 1,1-Dichloroethene	2.575	96	6653	0.608	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	1206	0.105	ug/L #	67
19) 1,1-Dichloroethane	3.867	63	135391	5.703	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	10974	0.861	ug/L	93
29) 1,1,1-Trichloroethane	5.314	97	90192	4.714	ug/L	97
33) Benzene	5.771	78	11064	0.208	ug/L	100
34) Trichloroethene	6.542	95	16035	1.206	ug/L	92
47) Tetrachloroethene	8.549	164	5336	0.546	ug/L	93

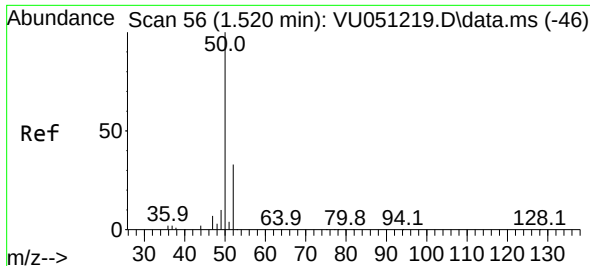
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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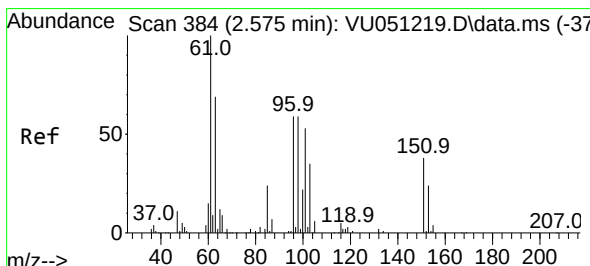
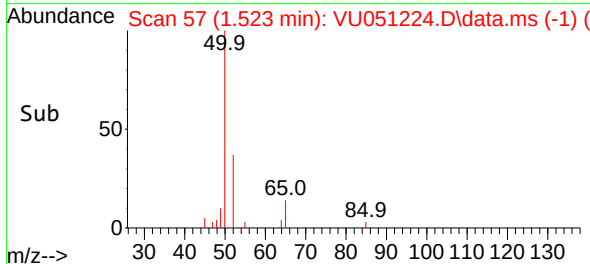
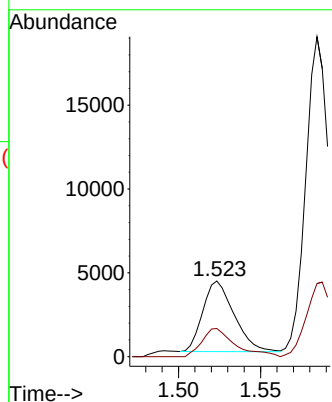
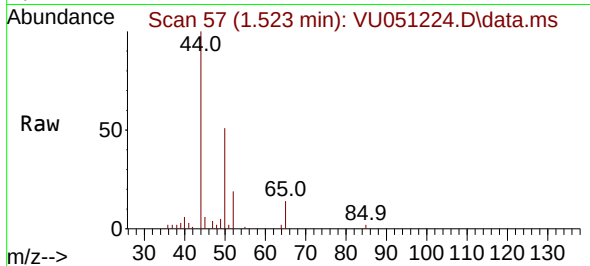




#3
Chloromethane
Concen: 0.325 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

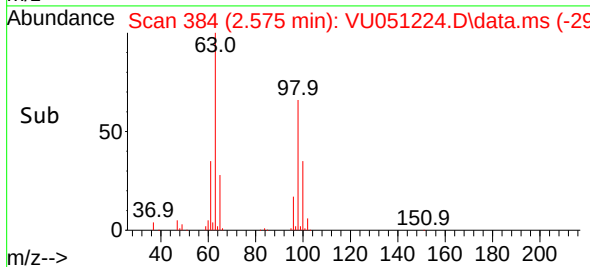
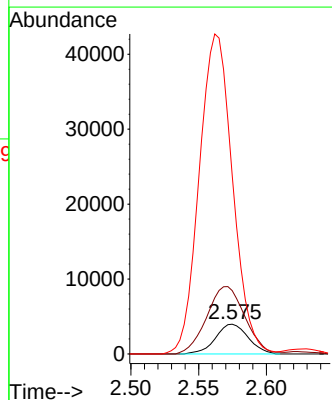
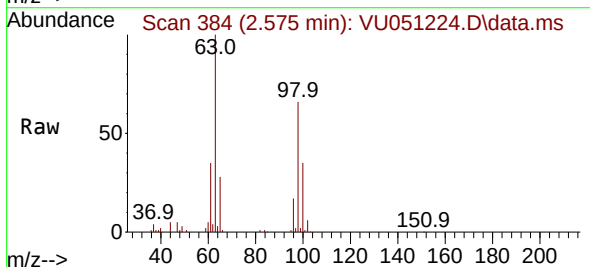
Instrument :
MSVOA_U
ClientSampleId :
EXZ58

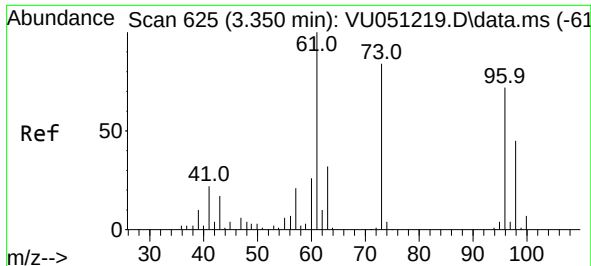
Tgt Ion: 50 Resp: 5578
Ion Ratio Lower Upper
50 100
52 37.1 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.608 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 96 Resp: 6653
Ion Ratio Lower Upper
96 100
61 212.2 117.6 218.4
63 599.1 85.2 158.2#

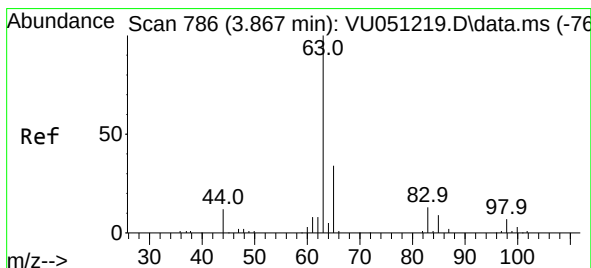
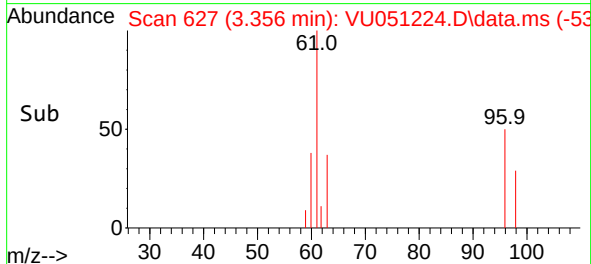
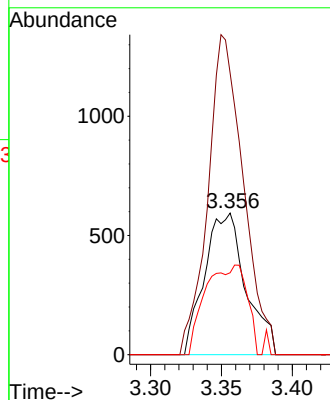
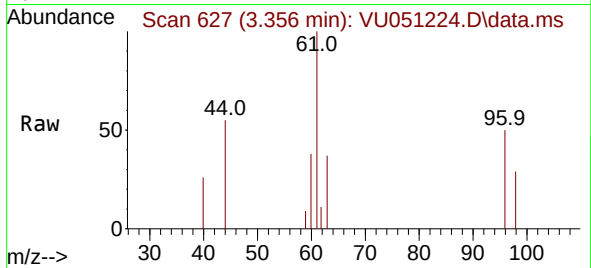




#18
trans-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

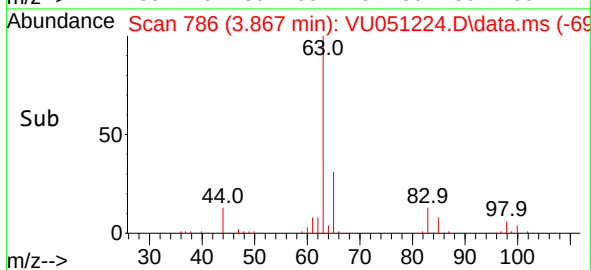
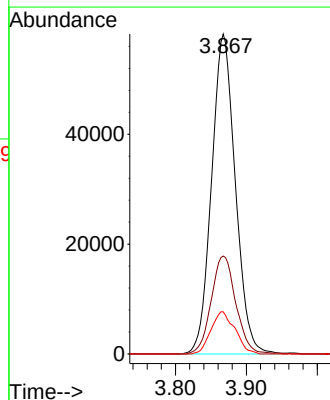
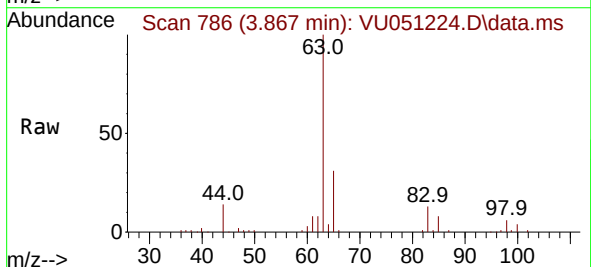
Instrument :
MSVOA_U
ClientSampleId :
EXZ58

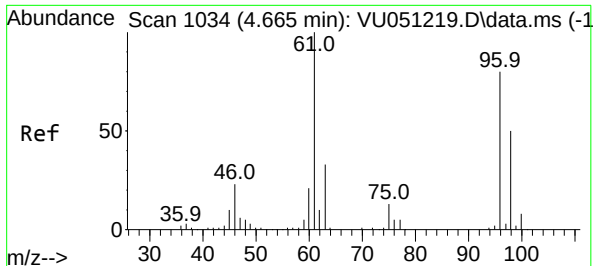
Tgt Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 198.8 101.4 188.2#
98 57.9 44.9 83.5



#19
1,1-Dichloroethane
Concen: 5.703 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 63 Resp: 135391
Ion Ratio Lower Upper
63 100
65 30.6 22.0 41.0
83 13.2 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 0.861 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051224.D

Acq: 07 Oct 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

EXZ58

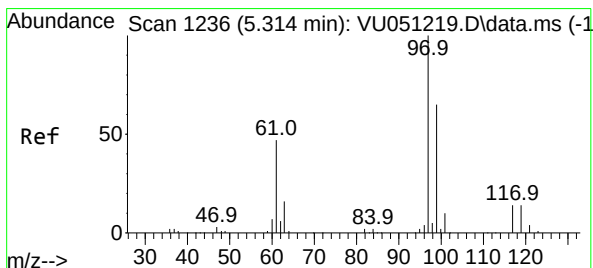
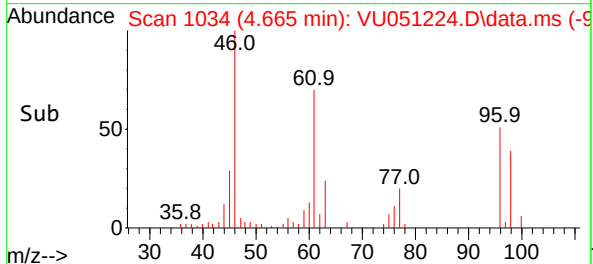
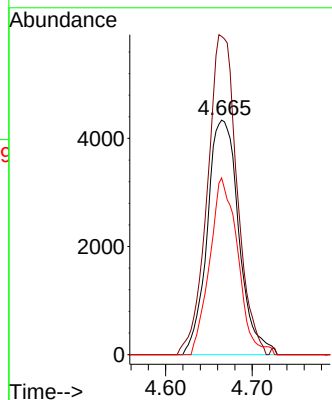
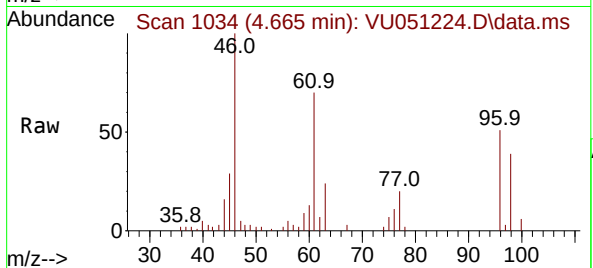
Tgt Ion: 96 Resp: 10974

Ion Ratio Lower Upper

96 100

61 135.7 90.6 168.2

98 75.4 47.5 88.3



#29

1,1,1-Trichloroethane

Concen: 4.714 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051224.D

Acq: 07 Oct 2022 17:44

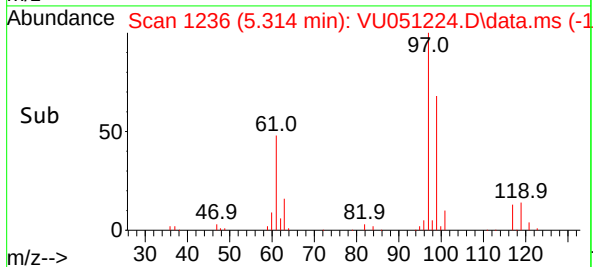
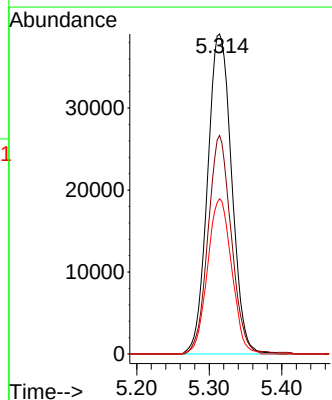
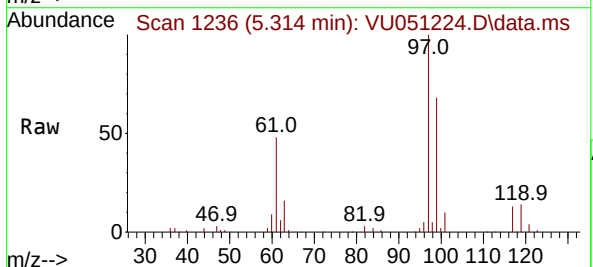
Tgt Ion: 97 Resp: 90192

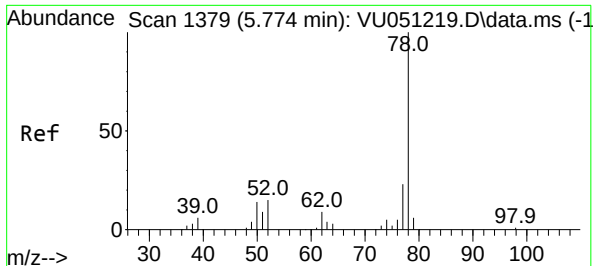
Ion Ratio Lower Upper

97 100

99 66.1 50.2 75.4

61 48.5 38.7 58.1

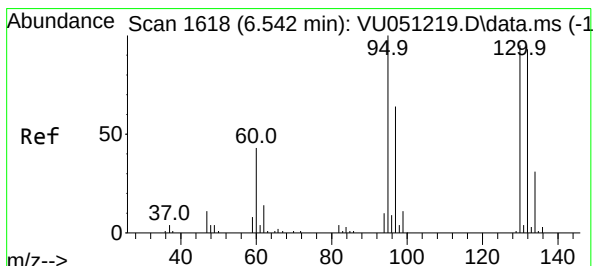
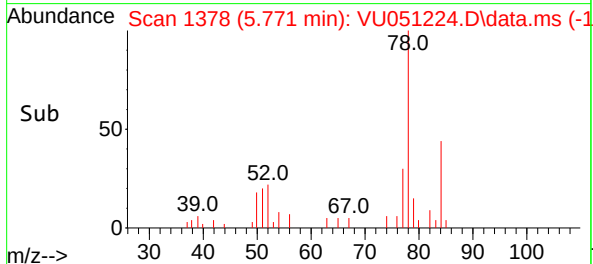
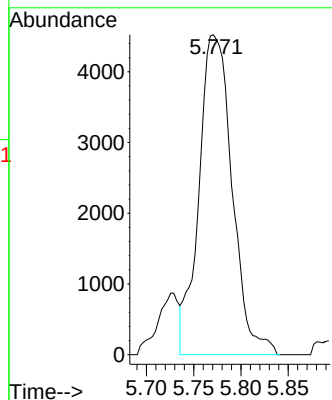
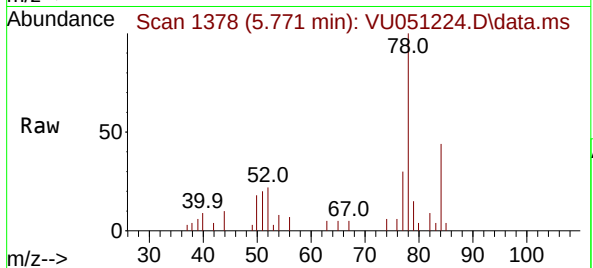




#33
Benzene
Concen: 0.208 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Instrument :
MSVOA_U
ClientSampleId :
EXZ58

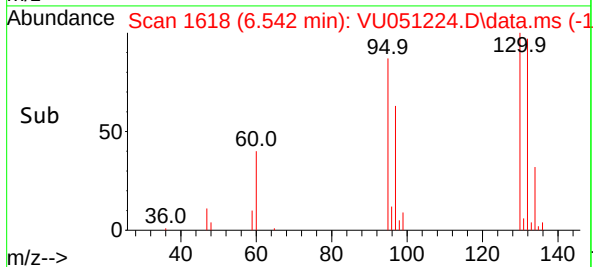
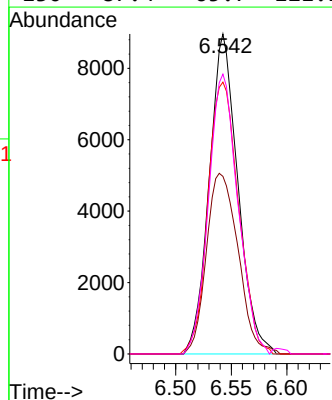
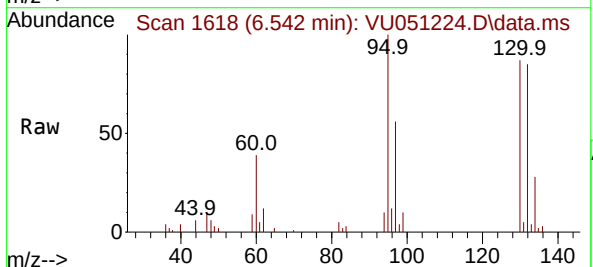
Tgt Ion: 78 Resp: 11064

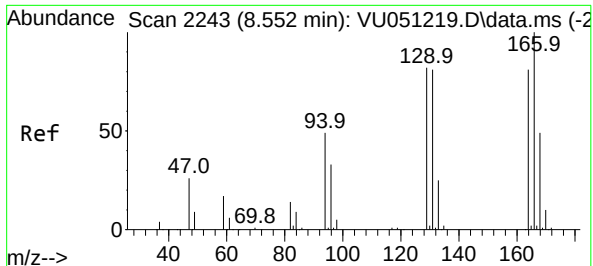


#34
Trichloroethene
Concen: 1.206 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 95 Resp: 16035

Ion	Ratio	Lower	Upper
95	100		
97	55.5	45.4	84.2
132	85.0	63.1	117.3
130	87.4	65.7	121.9





#47
 Tetrachloroethene
 Concen: 0.546 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU051224.D
 Acq: 07 Oct 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 5336

Ion	Ratio	Lower	Upper
164	100		
129	96.3	71.3	132.3
131	107.5	66.9	124.3
166	125.3	90.9	168.7

