

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	
2) Dichlorodifluoromethane	1.494	85	3436	0.281	ug/L	100
3) Chloromethane	1.523	50	5578	0.325	ug/L	92
5) Vinyl chloride	1.601	62	2132	0.127	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	712	0.061	ug/L #	32
12) 1,1-Dichloroethene	2.575	96	6653	0.608	ug/L #	1
15) Methyl Acetate	2.957	43	1710	0.352	ug/L #	50
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
31) Carbon tetrachloride	5.314	117	11915	0.736	ug/L	98
33) Benzene	5.771	78	11064	0.208	ug/L	100
34) Trichloroethene	6.542	95	16035	1.206	ug/L	92
37) 1,2-Dichloropropane	6.690	63	7072	0.484	ug/L #	88
47) Tetrachloroethene	8.549	164	5336	0.546	ug/L	93
49) Dibromochloromethane	8.552	129	5267	0.457	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	6811	1.004	ug/L #	70

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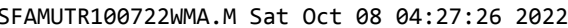
Instrument :
MSVOA_U
ClientSampleId :
EXZ58

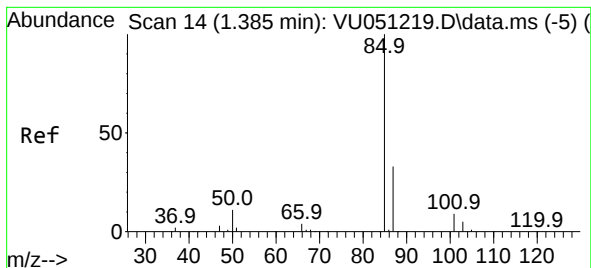
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 00:50:53 2022
Response via : Initial Calibration

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

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 00:50:53 2022
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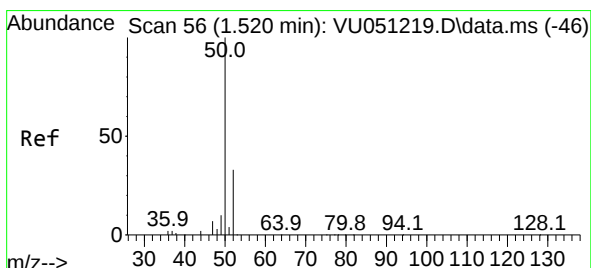
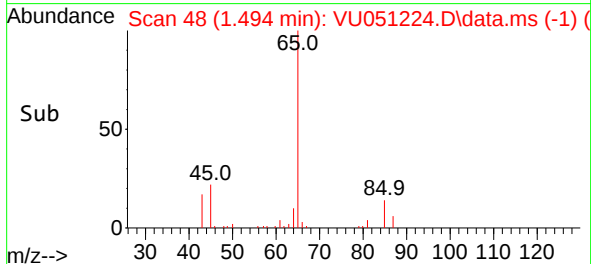
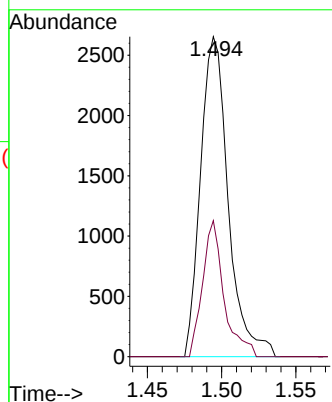
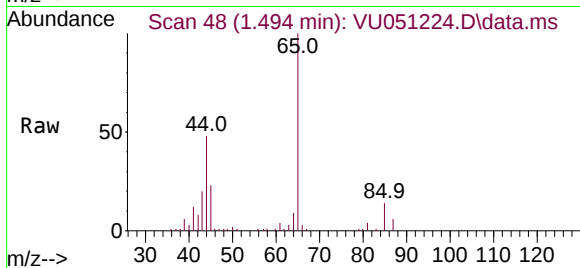




#2
Dichlorodifluoromethane
Concen: 0.281 ug/L
RT: 1.494 min Scan# 41
Delta R.T. 0.109 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

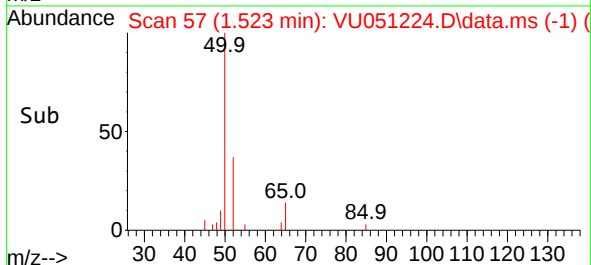
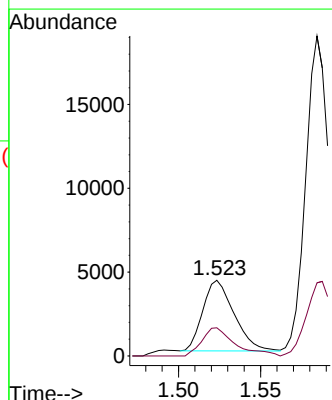
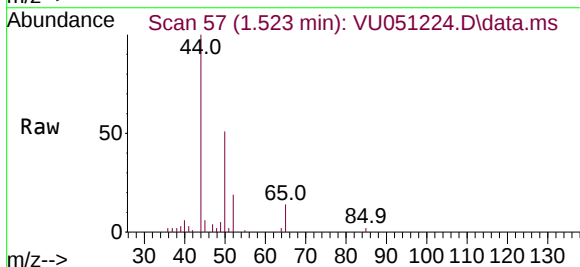
Instrument :
MSVOA_U
ClientSampleId :
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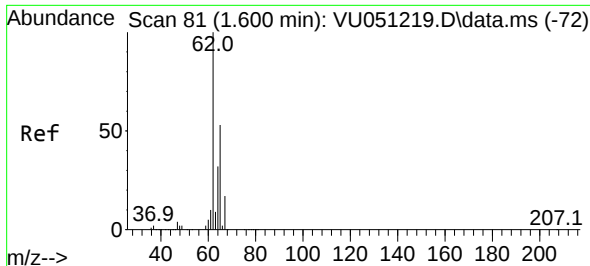
Tgt Ion: 85 Resp: 3436
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 0.325 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

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

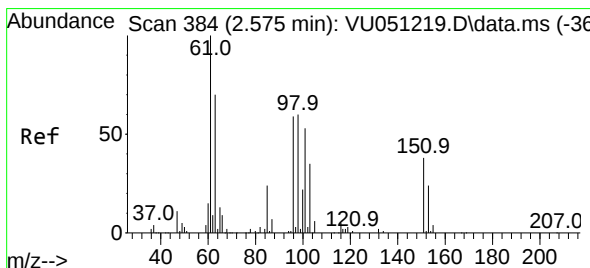
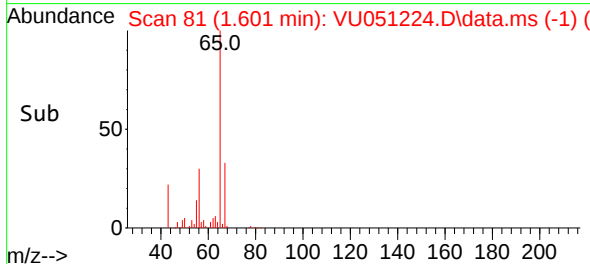
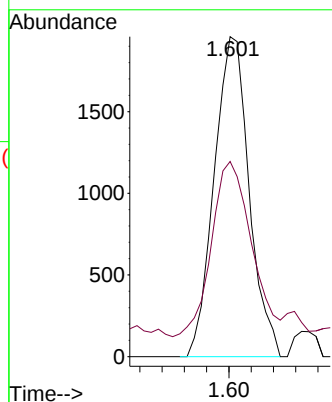
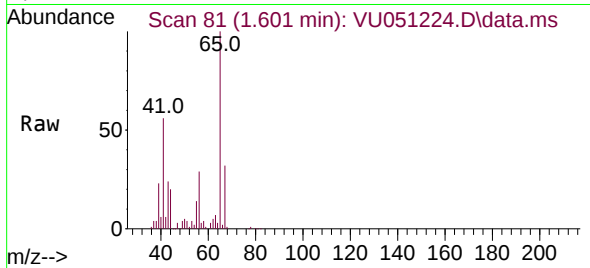




#5
 Vinyl chloride
 Concen: 0.127 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051224.D
 Acq: 07 Oct 2022 17:44

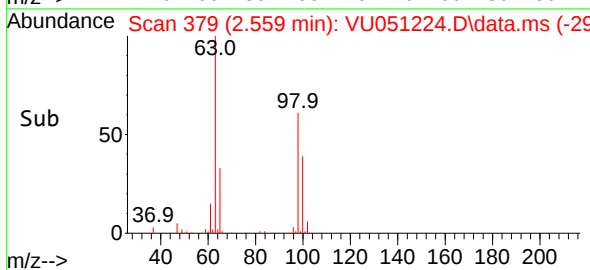
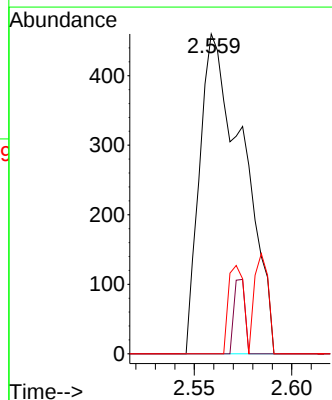
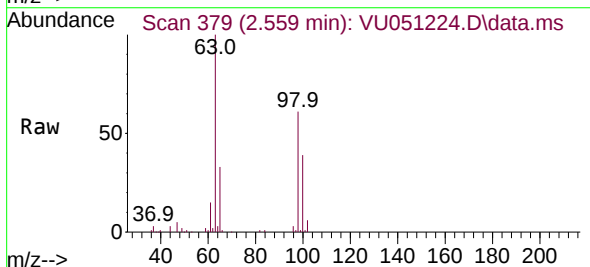
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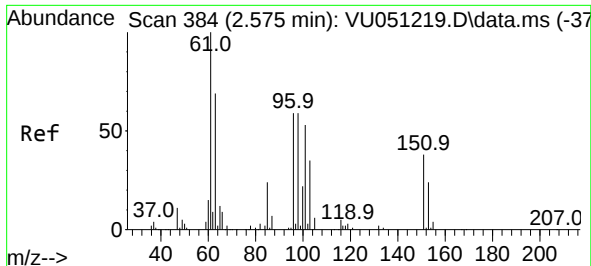
Tgt Ion: 62 Resp: 2132
 Ion Ratio Lower Upper
 62 100
 64 61.0 24.0 44.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.016 min
 Lab File: VU051224.D
 Acq: 07 Oct 2022 17:44

Tgt Ion: 101 Resp: 712
 Ion Ratio Lower Upper
 101 100
 85 5.8 34.6 51.8#
 151 9.6 56.5 84.7#

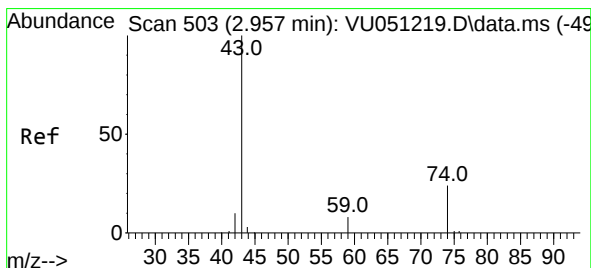
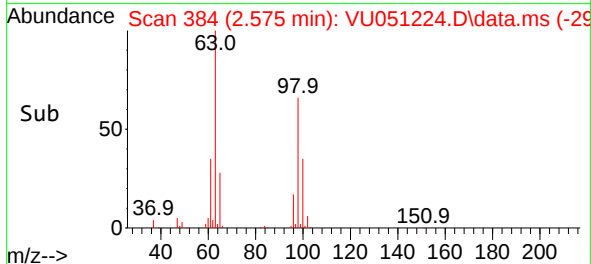
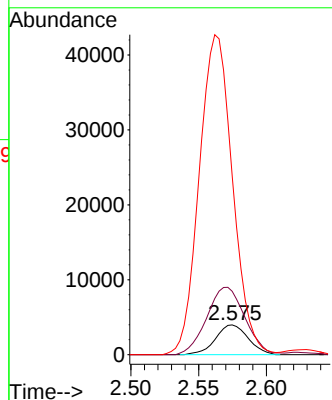
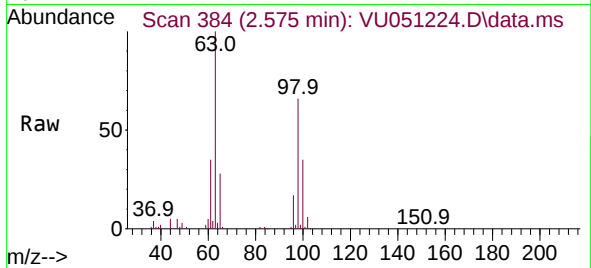




#12
1,1-Dichloroethene
Concen: 0.608 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

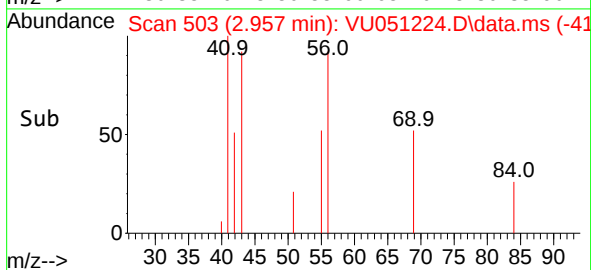
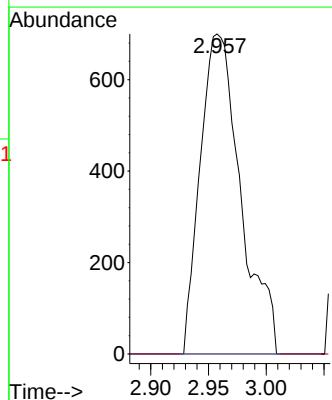
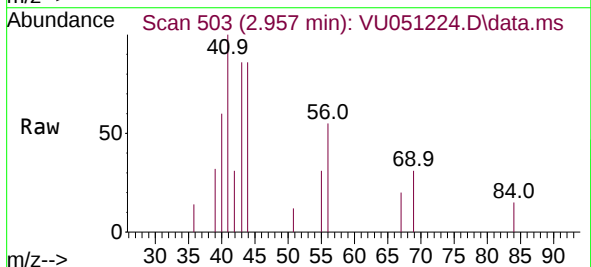
Instrument :
MSVOA_U
ClientSampleId :
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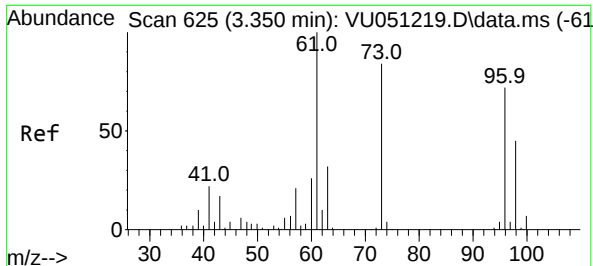
Tgt Ion: 96 Resp: 6653
Ion Ratio Lower Upper
96 100
61 212.2 117.6 218.4
63 599.1 85.2 158.2#



#15
Methyl Acetate
Concen: 0.352 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#

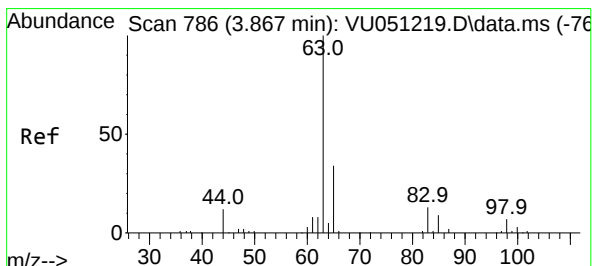
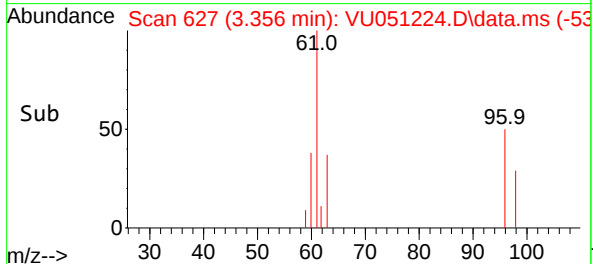
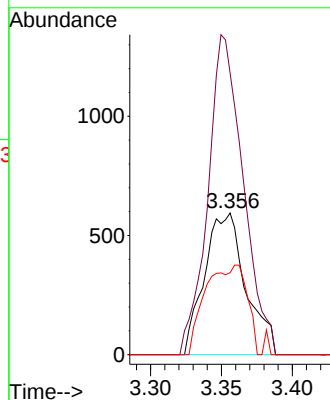
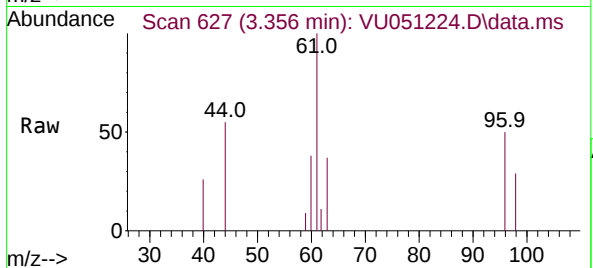




#18
trans-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

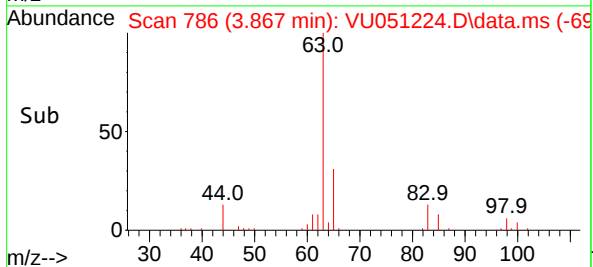
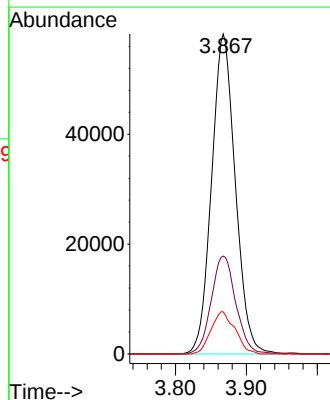
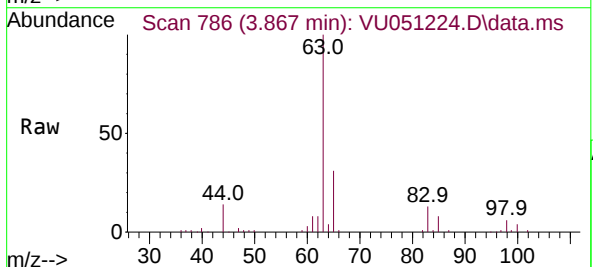
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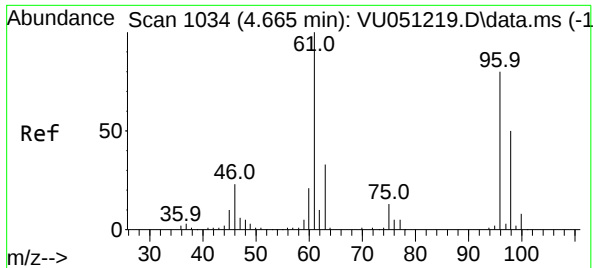
Tgt Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 198.8 101.4 188.2#
98 57.9 44.9 83.5



#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

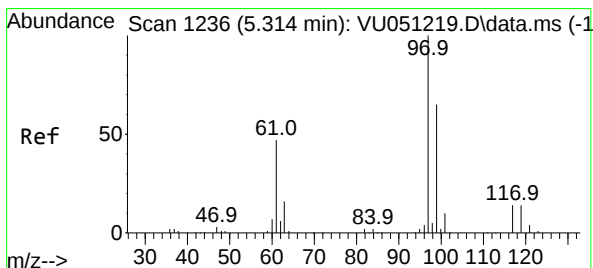
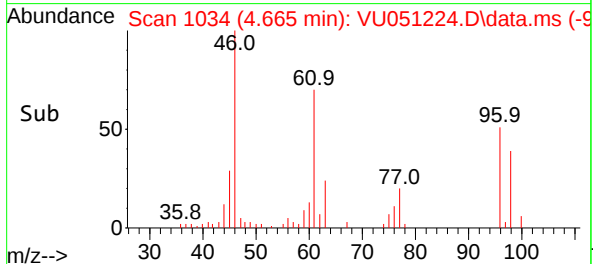
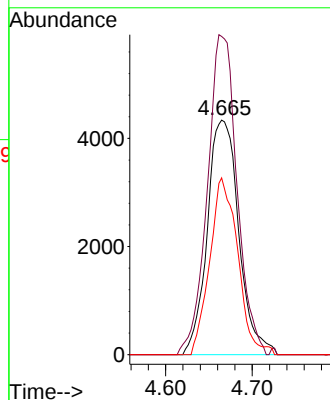
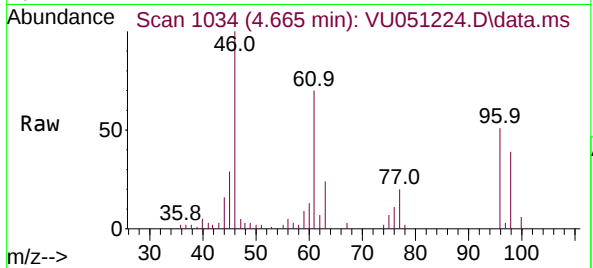




#22
 cis-1,2-Dichloroethene
 Concen: 0.861 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051224.D
 Acq: 07 Oct 2022 17:44

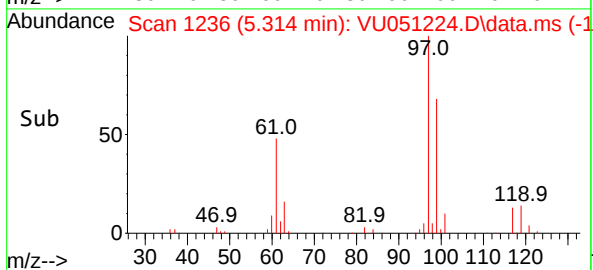
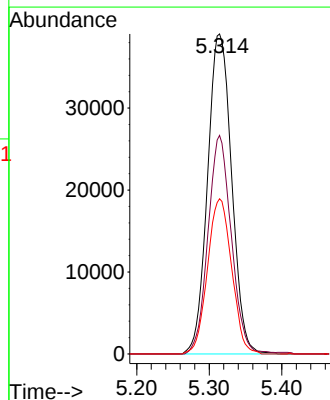
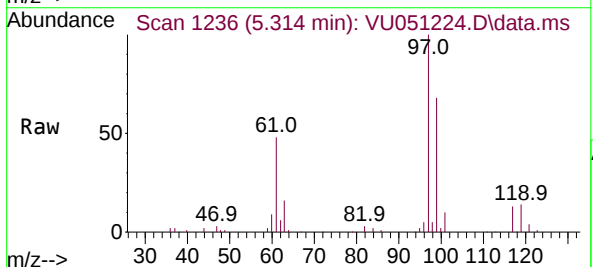
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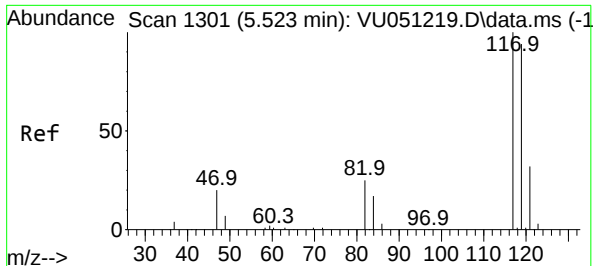
Tgt Ion: 96 Resp: 10974
 Ion Ratio Lower Upper
 96 100
 61 135.7 90.6 168.2
 98 75.4 47.5 88.3



#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

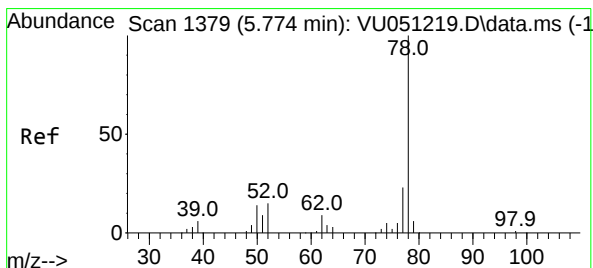
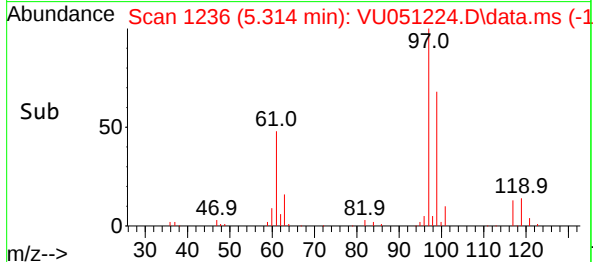
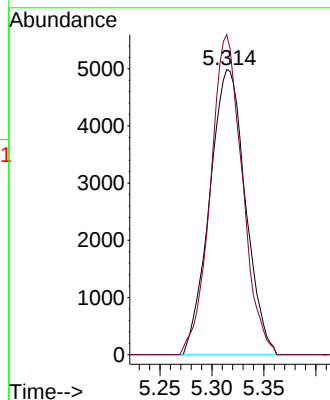
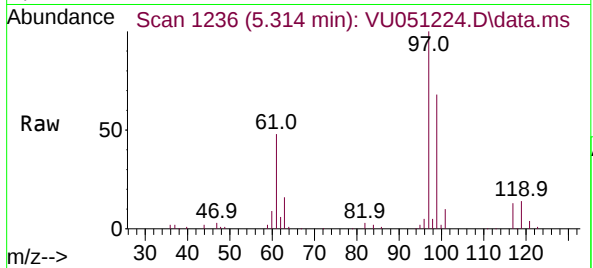




#31
Carbon tetrachloride
Concen: 0.736 ug/L
RT: 5.314 min Scan# 11915
Delta R.T. -0.209 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

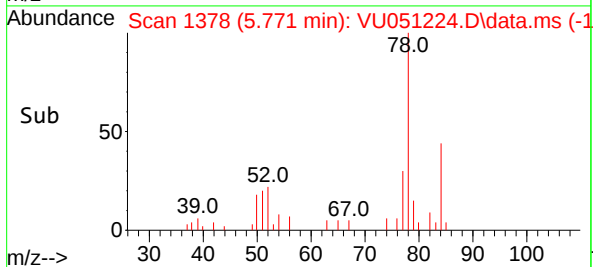
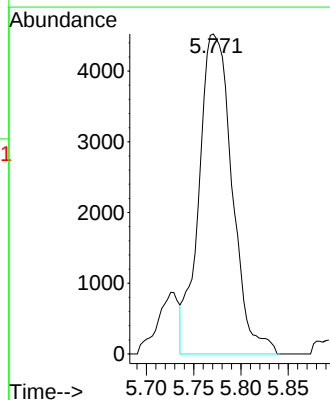
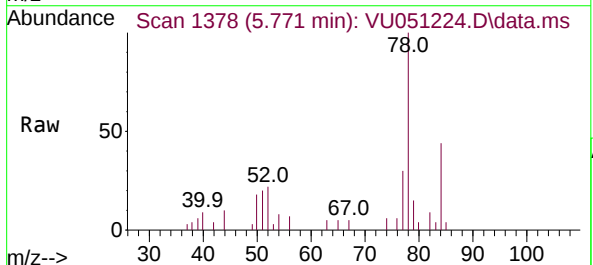
Instrument :
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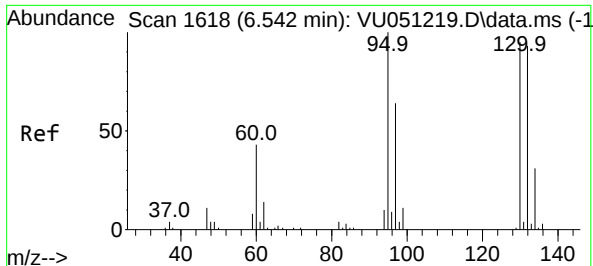
Tgt Ion:117 Resp: 11915
Ion Ratio Lower Upper
117 100
119 100.0 78.4 117.6



#33
Benzene
Concen: 0.208 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 78 Resp: 11064

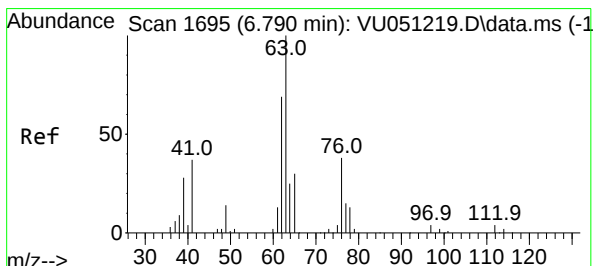
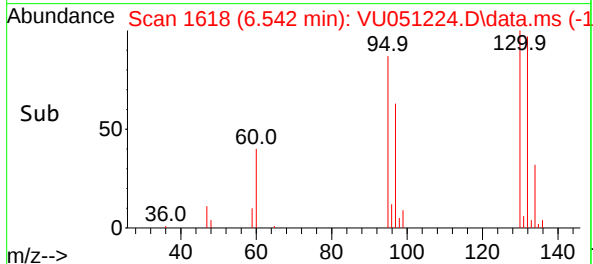
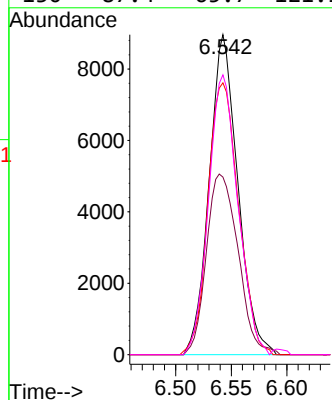
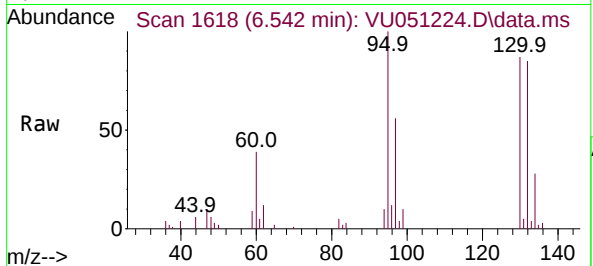




#34
Trichloroethene
Concen: 1.206 ug/L
RT: 6.542 min Scan# 1664
Delta R.T. 0.000 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

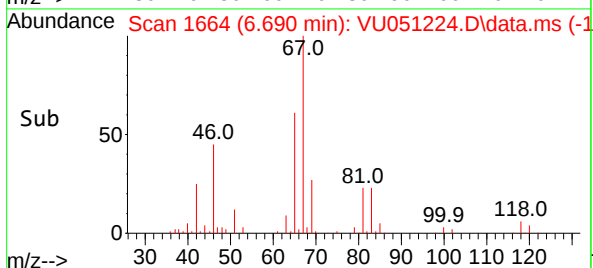
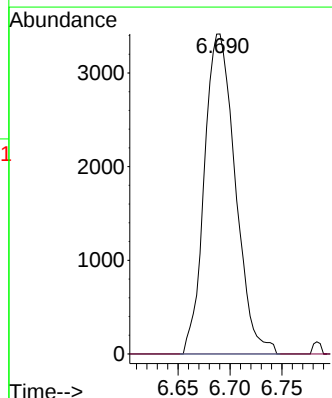
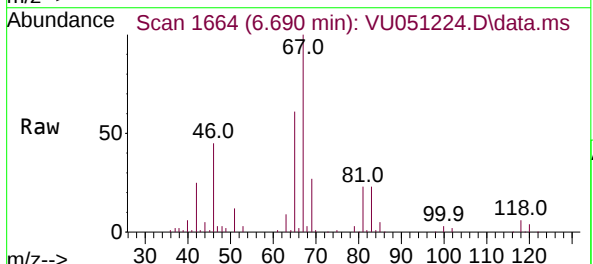
Instrument :
MSVOA_U
ClientSampleId :
EXZ58

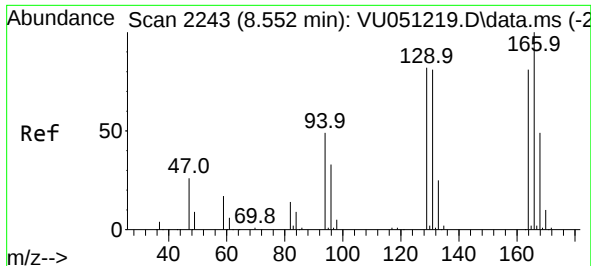
Tgt Ion: 95 Resp: 16035
Ion Ratio Lower Upper
95 100
97 55.5 45.4 84.2
132 85.0 63.1 117.3
130 87.4 65.7 121.9



#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051224.D
Acq: 07 Oct 2022 17:44

Tgt Ion: 63 Resp: 7072
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#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 :

EXZ58

Tgt Ion:164 Resp: 5336

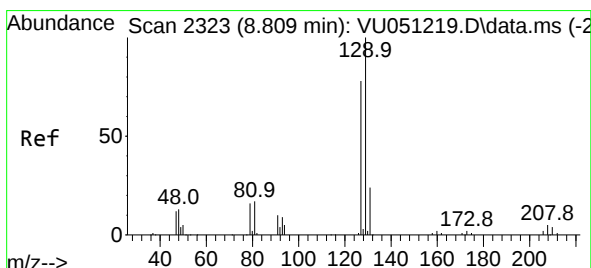
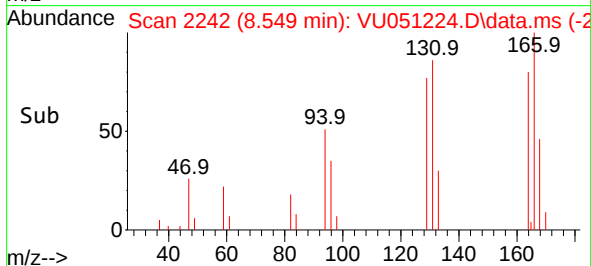
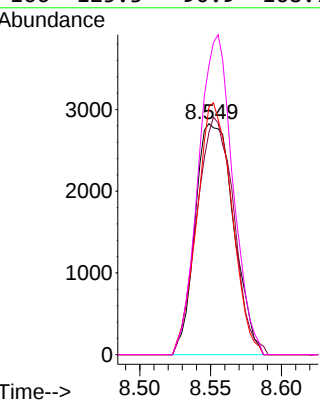
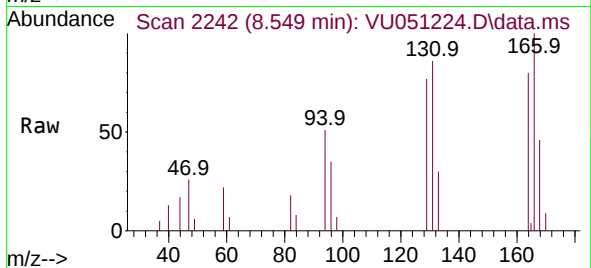
Ion Ratio Lower Upper

164 100

129 96.3 71.3 132.3

131 107.5 66.9 124.3

166 125.3 90.9 168.7



#49

Dibromochloromethane

Concen: 0.457 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051224.D

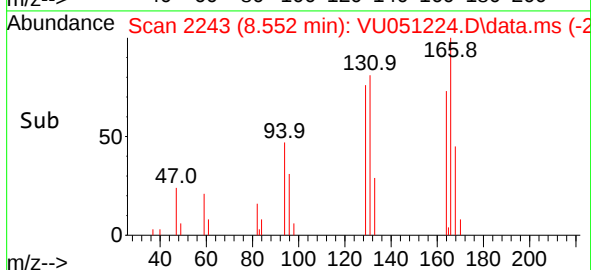
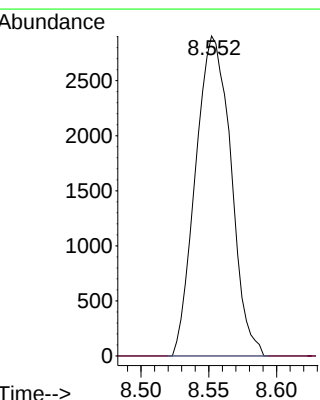
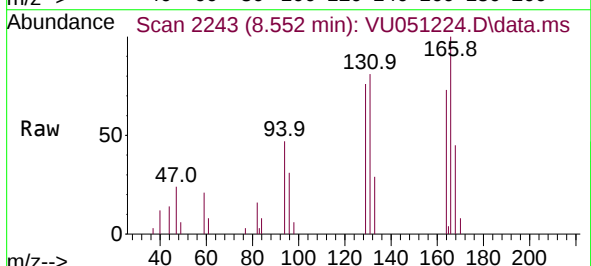
Acq: 07 Oct 2022 17:44

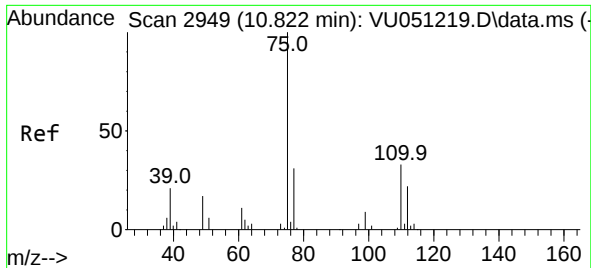
Tgt Ion:129 Resp: 5267

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.004 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU051224.D

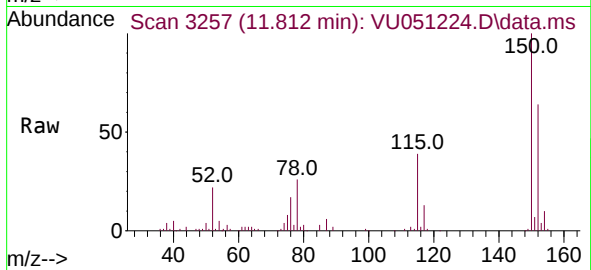
Acq: 07 Oct 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

EXZ58



Tgt Ion:	75	Resp:	6811
Ion	Ratio	Lower	Upper
75	100		
110	0.0	27.0	40.6#
77	32.8	26.4	39.6

