

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053408.D
 Acq On : 24 Mar 2023 22:24
 Operator : JC/MD
 Sample : 02092-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:43:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

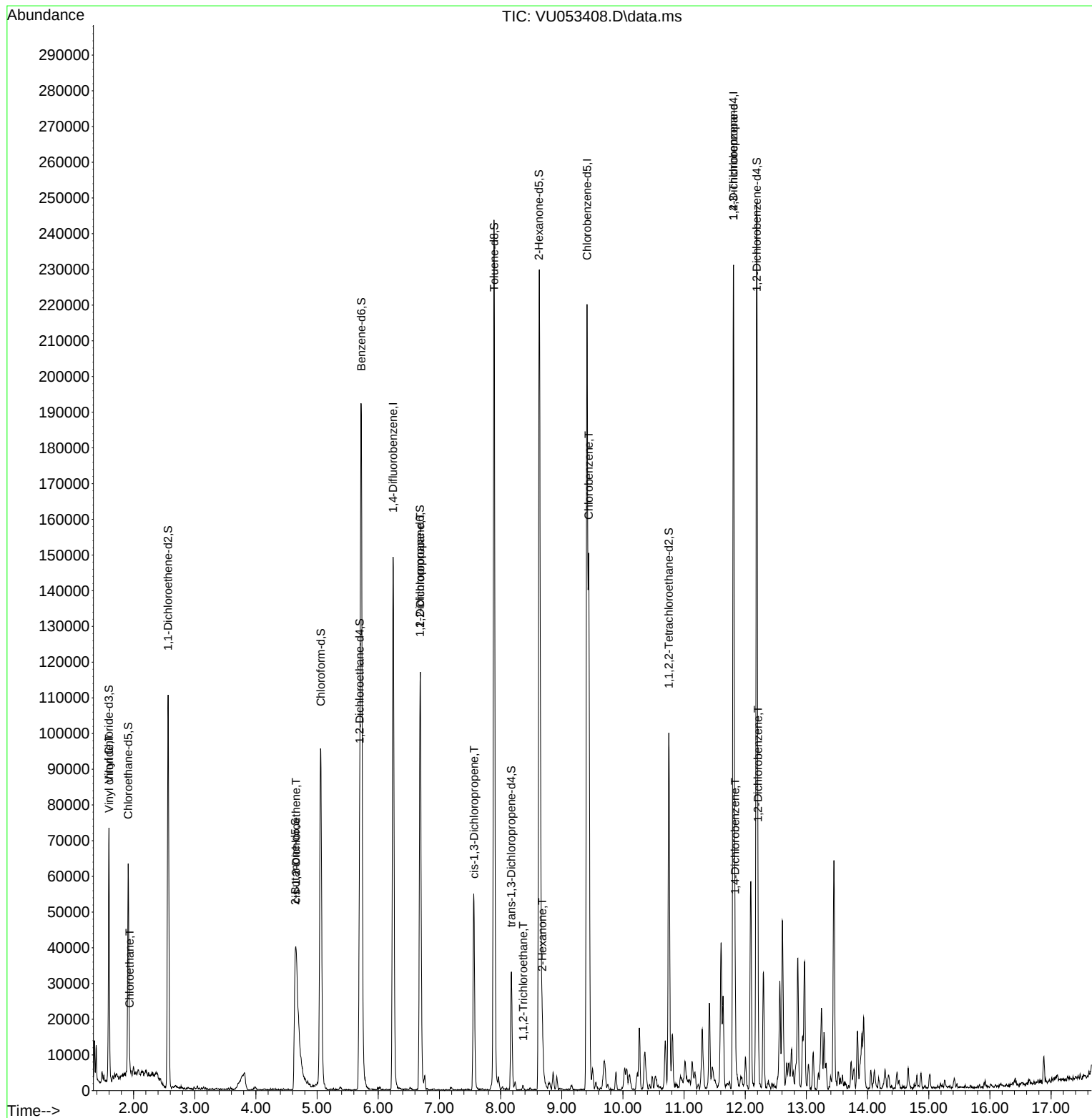
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	124482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	119752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45330	5.293	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.800%		
7) Chloroethane-d5	1.912	69	41640	5.358	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.200%		
11) 1,1-Dichloroethene-d2	2.565	65	20625	5.654	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 113.000%		
20) 2-Butanone-d5	4.645	46	108276	55.192	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.380%		
24) Chloroform-d	5.060	84	85551	5.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
26) 1,2-Dichloroethane-d4	5.697	65	44375	5.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.000%		
32) Benzene-d6	5.723	84	181040	5.335	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.600%		
36) 1,2-Dichloropropane-d6	6.684	67	57506	5.561	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.200%		
41) Toluene-d8	7.893	98	167044	5.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.400%		
43) trans-1,3-Dichloroprop...	8.176	79	19566	4.930	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.600%		
46) 2-Hexanone-d5	8.629	63	89307	55.405	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.800%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48101	5.588	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.800%		
66) 1,2-Dichlorobenzene-d4	12.189	152	59377	5.650	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.000%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.601	62	1311	0.129	ug/L	# 1
8) Chloroethane	1.935	64	1250	0.212	ug/L	# 62
22) cis-1,2-Dichloroethene	4.655	96	1253	0.127	ug/L	# 98
37) 1,2-Dichloropropane	6.687	63	6317	0.746	ug/L	# 89
39) cis-1,3-Dichloropropene	7.568	75	1436	0.115	ug/L	# 85
45) 1,1,2-Trichloroethane	8.369	97	642	0.107	ug/L	# 18
48) 2-Hexanone	8.684	43	5759	1.879	ug/L	# 82
51) Chlorobenzene	9.443	112	76911	3.478	ug/L	# 96
61) 1,2,3-Trichloropropane	11.809	75	11800	2.438	ug/L	# 63
65) 1,4-Dichlorobenzene	11.835	146	12178	0.777	ug/L	# 94
67) 1,2-Dichlorobenzene	12.208	146	3652	0.247	ug/L	# 95

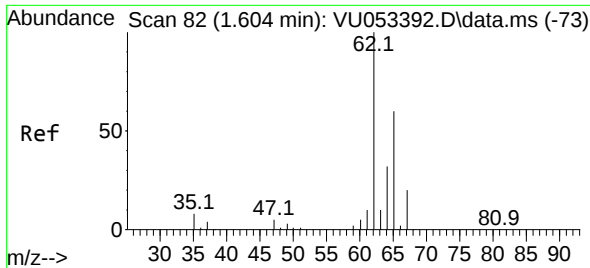
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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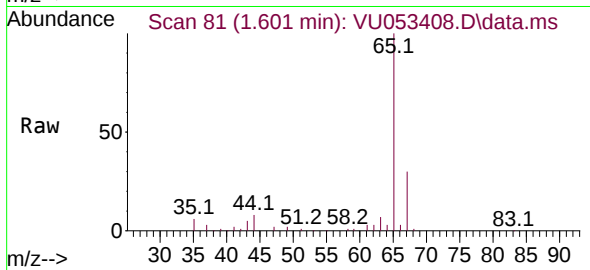
Quant Time: Mar 25 00:43:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
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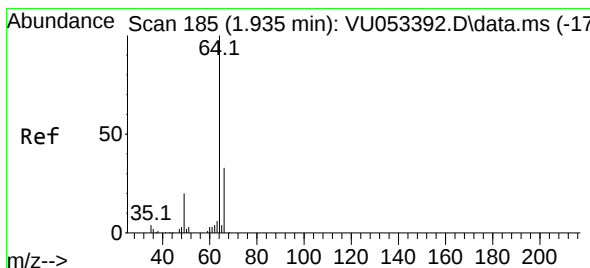
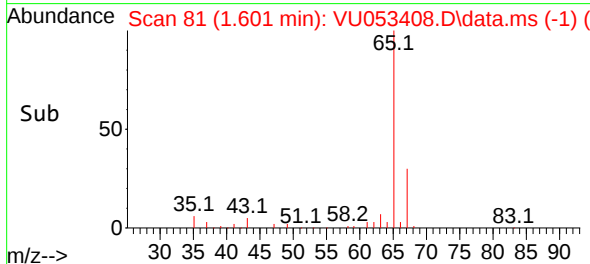
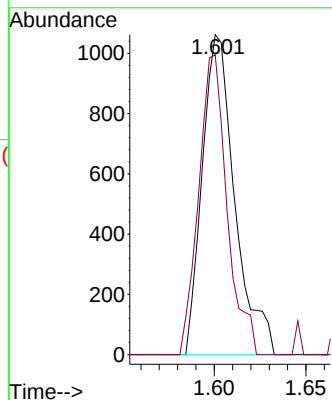


#5
 Vinyl chloride
 Concen: 0.129 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053408.D
 Acq: 24 Mar 2023 22:24

Instrument :
 MSVOA_U
 ClientSampleId :

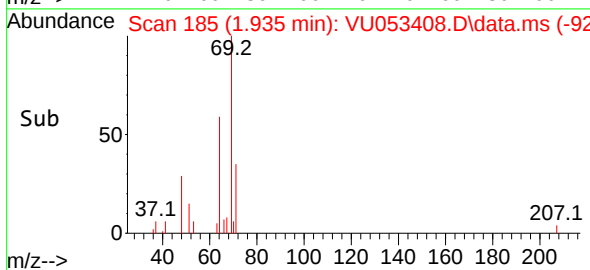
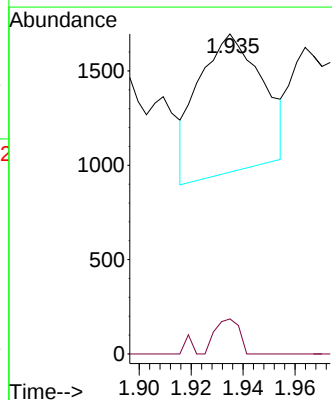
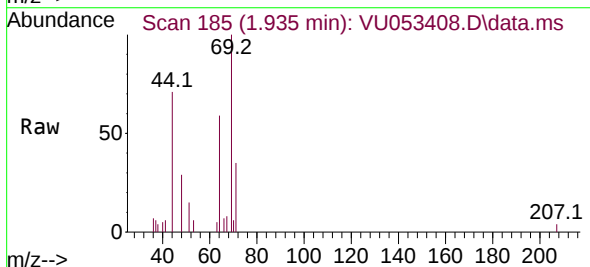


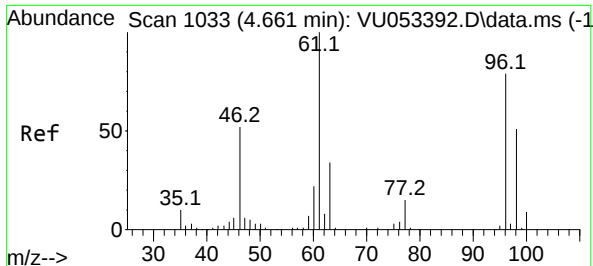
Tgt Ion: 62 Resp: 1311
 Ion Ratio Lower Upper
 62 100
 64 93.7 24.1 44.7#



#8
 Chloroethane
 Concen: 0.212 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.000 min
 Lab File: VU053408.D
 Acq: 24 Mar 2023 22:24

Tgt Ion: 64 Resp: 1250
 Ion Ratio Lower Upper
 64 100
 66 11.0 22.3 41.5#





#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 4.655 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VU053408.D

Acq: 24 Mar 2023 22:24

Instrument :

MSVOA_U

ClientSampleId :

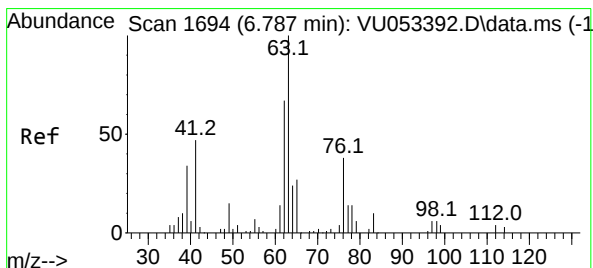
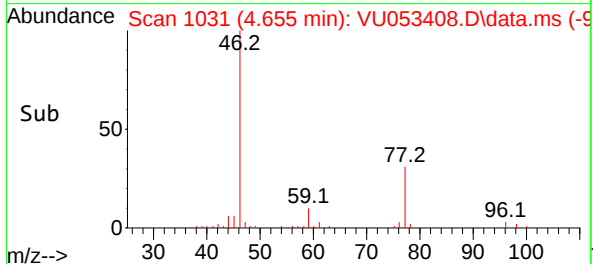
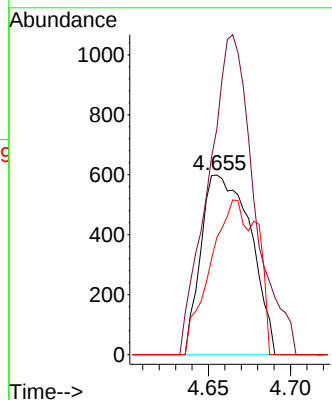
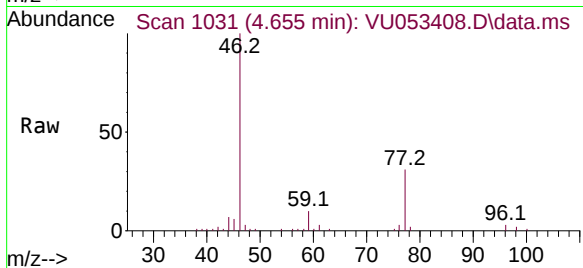
Tgt Ion: 96 Resp: 1253

Ion Ratio Lower Upper

96 100

61 125.5 86.6 160.8

98 65.1 47.7 88.5



#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053408.D

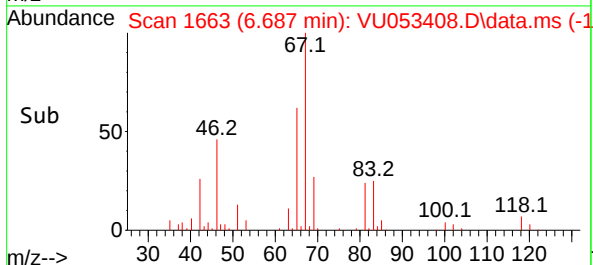
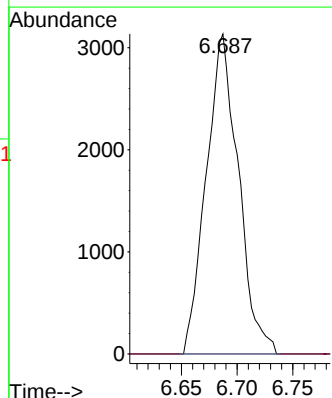
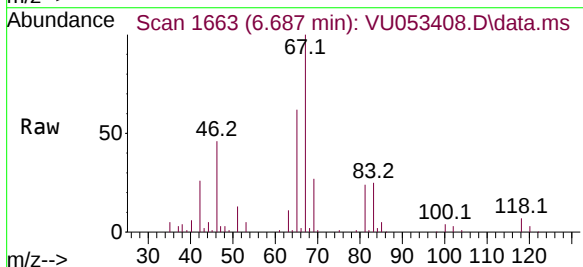
Acq: 24 Mar 2023 22:24

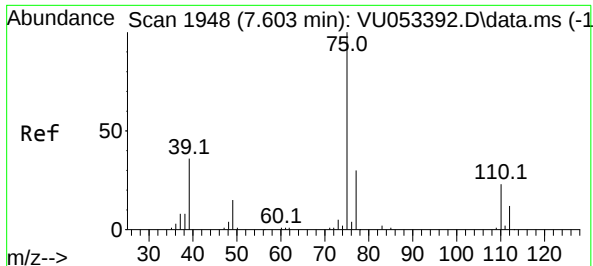
Tgt Ion: 63 Resp: 6317

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1948

Delta R.T. -0.035 min

Lab File: VU053408.D

Acq: 24 Mar 2023 22:24

Instrument :

MSVOA_U

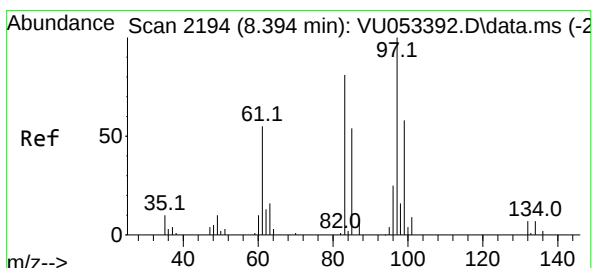
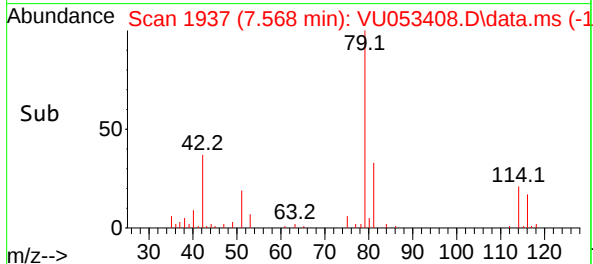
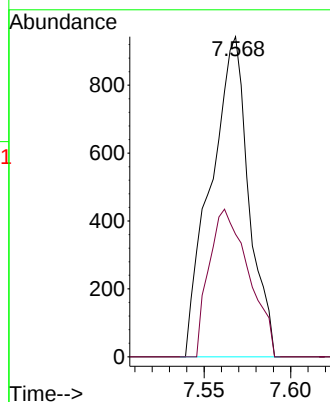
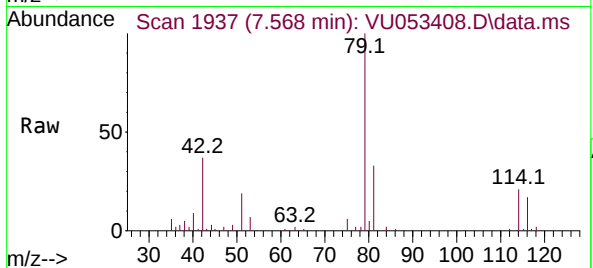
ClientSampleId :

Tgt Ion: 75 Resp: 1436

Ion Ratio Lower Upper

75 100

77 38.3 21.1 39.3



#45

1,1,2-Trichloroethane

Concen: 0.107 ug/L

RT: 8.369 min Scan# 2186

Delta R.T. -0.026 min

Lab File: VU053408.D

Acq: 24 Mar 2023 22:24

Tgt Ion: 97 Resp: 642

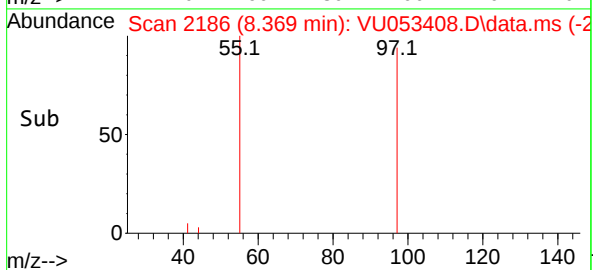
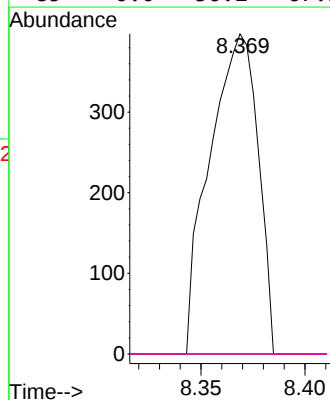
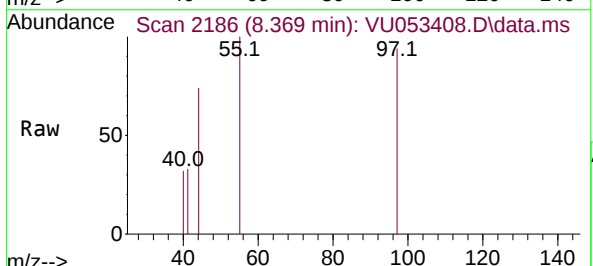
Ion Ratio Lower Upper

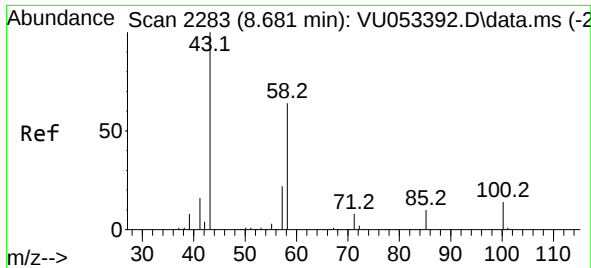
97 100

99 0.0 38.9 72.2#

83 0.0 57.6 107.0#

85 0.0 36.2 67.2#

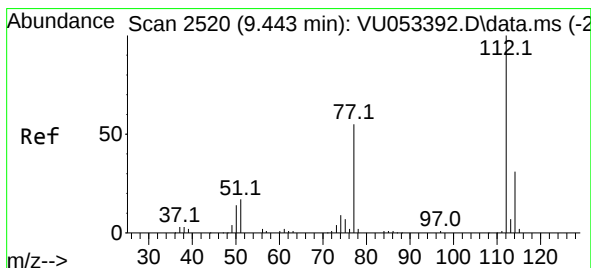
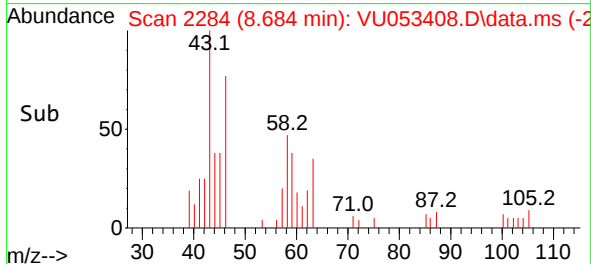
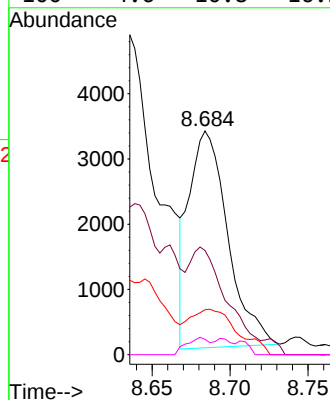
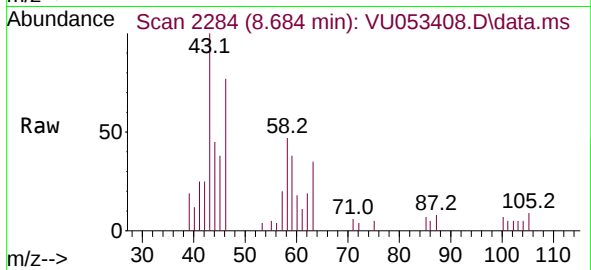




#48
2-Hexanone
Concen: 1.879 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053408.D
Acq: 24 Mar 2023 22:24

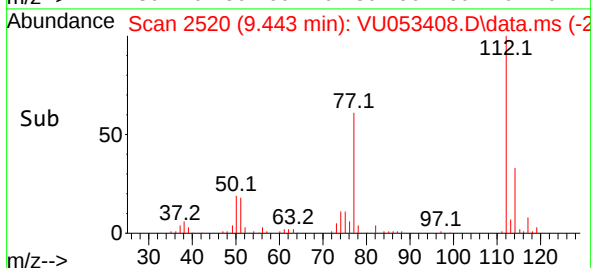
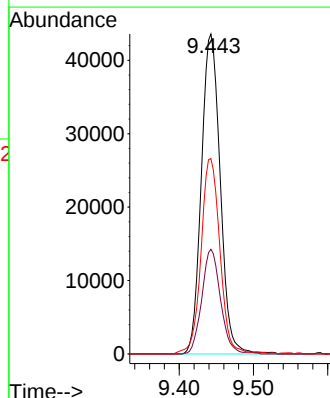
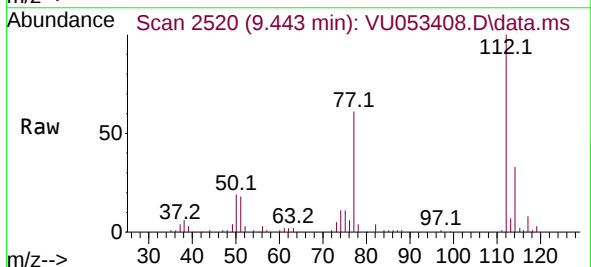
Instrument :
MSVOA_U
ClientSampleId :

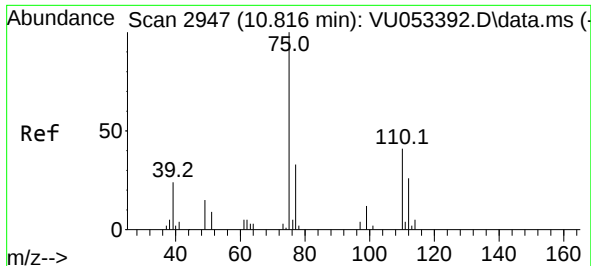
Tgt Ion: 43	Resp: 5759
Ion Ratio	Lower Upper
43 100	
58 49.8	52.8 79.2#
57 26.1	17.1 25.7#
100 4.6	10.8 16.2#



#51
Chlorobenzene
Concen: 3.478 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053408.D
Acq: 24 Mar 2023 22:24

Tgt Ion:112	Resp: 76911
Ion Ratio	Lower Upper
112 100	
114 32.7	22.1 41.1
77 61.1	45.8 68.6

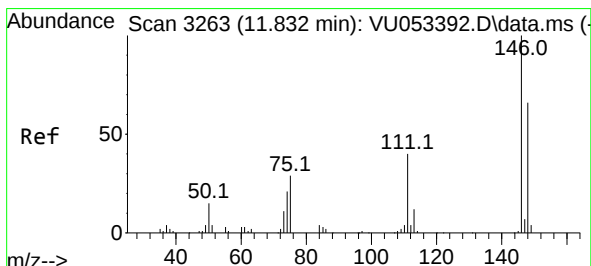
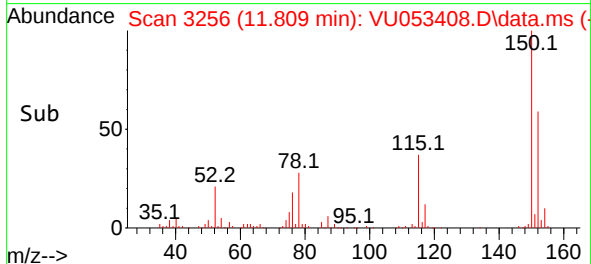
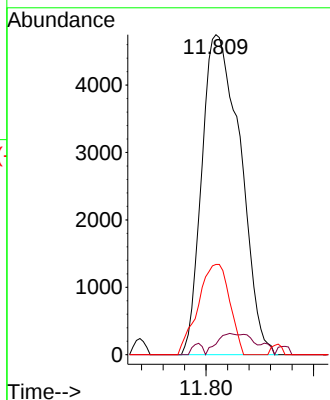
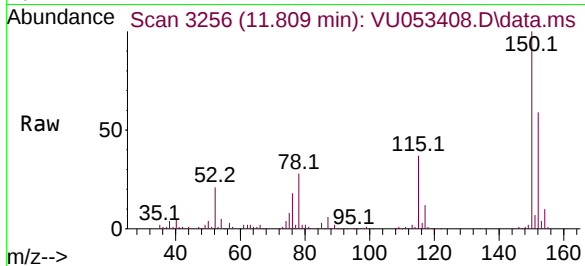




#61
1,2,3-Trichloropropane
Concen: 2.438 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU053408.D
Acq: 24 Mar 2023 22:24

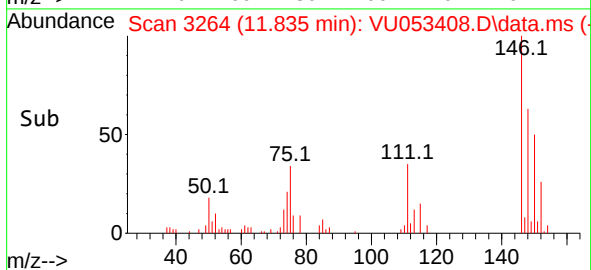
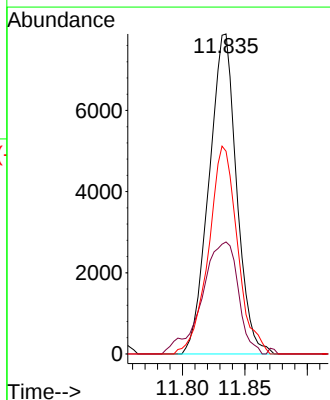
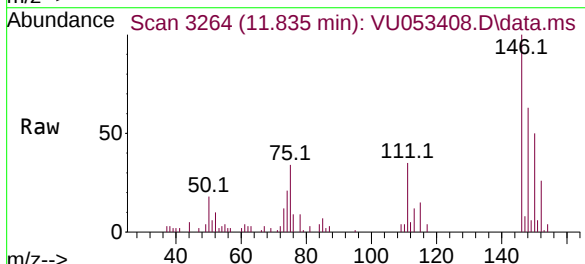
Instrument :
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ClientSampleId :

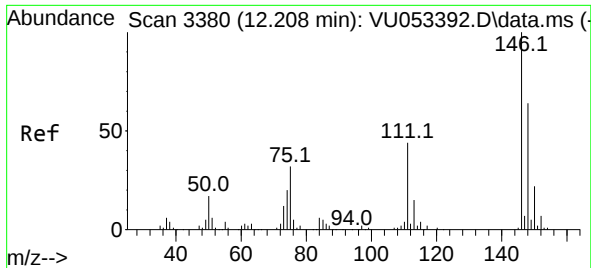
Tgt Ion: 75 Resp: 11800
Ion Ratio Lower Upper
75 100
110 6.1 30.6 46.0#
77 23.0 26.1 39.1#



#65
1,4-Dichlorobenzene
Concen: 0.777 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053408.D
Acq: 24 Mar 2023 22:24

Tgt Ion:146 Resp: 12178
Ion Ratio Lower Upper
146 100
111 35.0 29.8 55.4
148 63.4 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 0.247 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

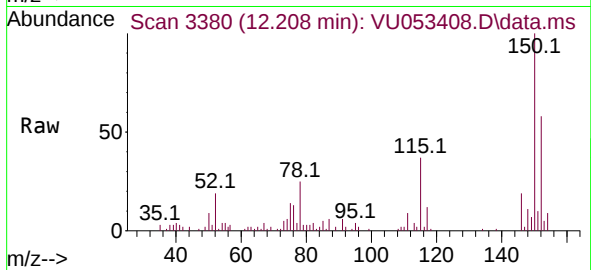
Lab File: VU053408.D

Acq: 24 Mar 2023 22:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 3652

Ion Ratio Lower Upper

146 100

111 47.3 35.0 52.6

148 56.7 48.2 72.4

