

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058436.D
 Acq On : 05 Apr 2024 22:14
 Operator : MD/SY
 Sample : P1949-01DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

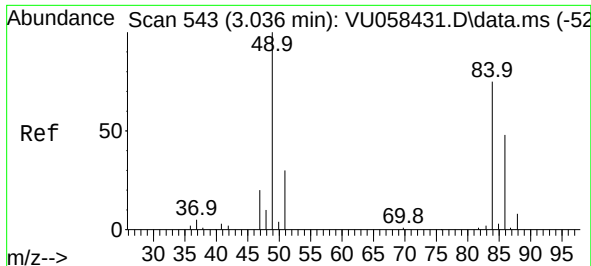
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 05:58:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21957	4.131	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.600%		
7) Chloroethane-d5	1.907	69	20463	4.430	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10379	4.314	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	86.200%		
20) 2-Butanone-d5	4.628	46	52098	46.513	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.020%		
24) Chloroform-d	5.052	84	48733	4.593	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.800%		
26) 1,2-Dichloroethane-d4	5.695	65	24048	4.857	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.200%		
32) Benzene-d6	5.718	84	95084	4.614	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.200%		
36) 1,2-Dichloropropane-d6	6.682	67	31147	4.820	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.400%		
41) Toluene-d8	7.891	98	81164	4.441	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	8.177	79	8644	4.309	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.200%		
46) 2-Hexanone-d5	8.627	63	37975	45.899	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.800%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20001	4.384	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	26678	4.537	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	90.800%		
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	6756	0.895	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	2000	0.299	ug/L	92
34) Trichloroethene	6.534	95	51300	7.335	ug/L	98
35) Methylcyclohexane	6.682	83	6585	0.625	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3441	0.471	ug/L #	90
49) Dibromochloromethane	8.547	129	1141	0.231	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4944	1.388	ug/L #	71
71) Naphthalene	14.100	128	1235	0.127	ug/L #	73

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



#16

Methylene chloride

Concen: 0.895 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

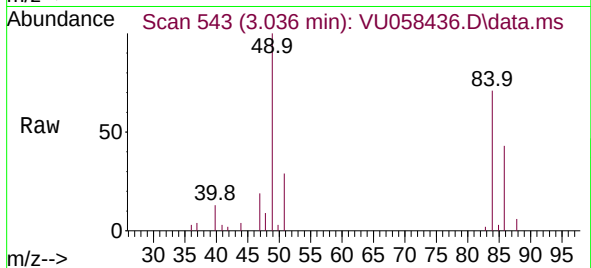
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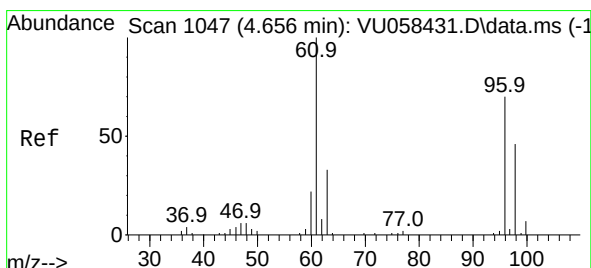
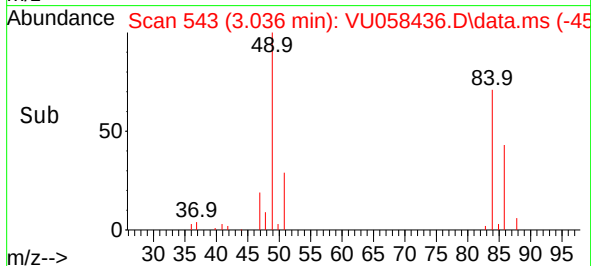
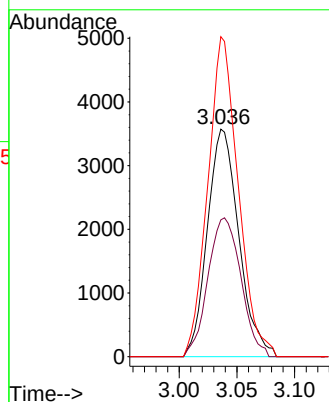
Tgt Ion: 84 Resp: 6756

Ion Ratio Lower Upper

84 100

86 60.1 44.3 82.3

49 144.8 96.0 178.2



#22

cis-1,2-Dichloroethene

Concen: 0.299 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.007 min

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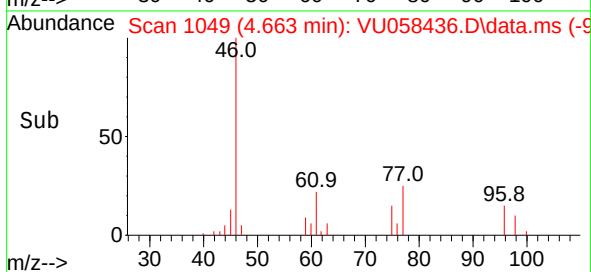
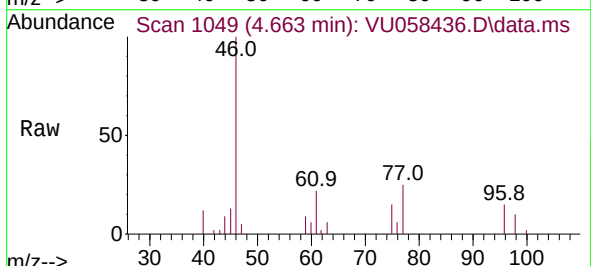
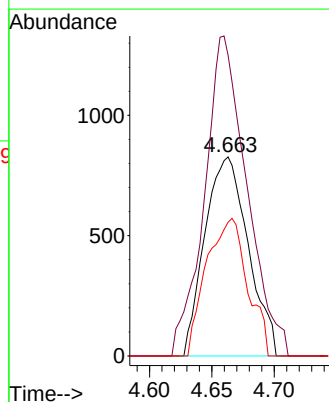
Tgt Ion: 96 Resp: 2000

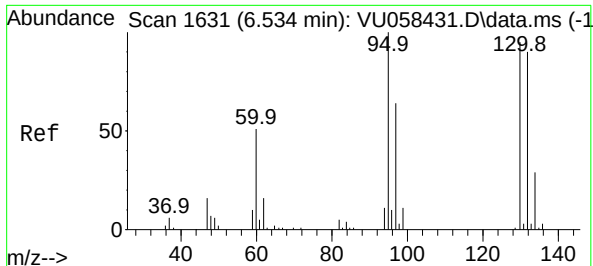
Ion Ratio Lower Upper

96 100

61 151.3 98.1 182.3

98 67.1 43.6 81.0





#34

Trichloroethene

Concen: 7.335 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

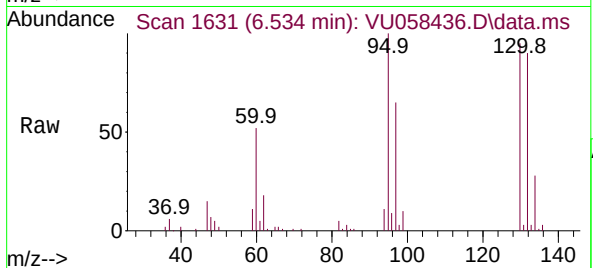
Lab File: VU058436.D

Acq: 05 Apr 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 51300

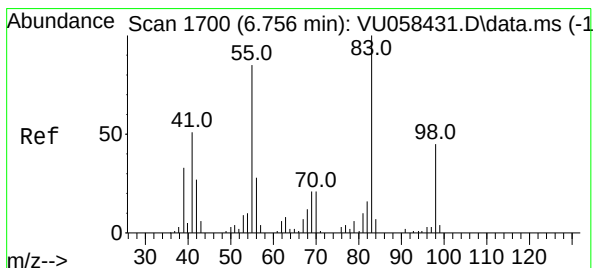
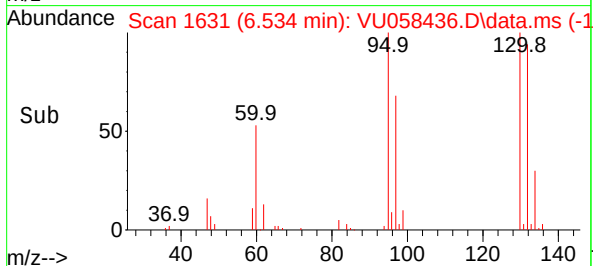
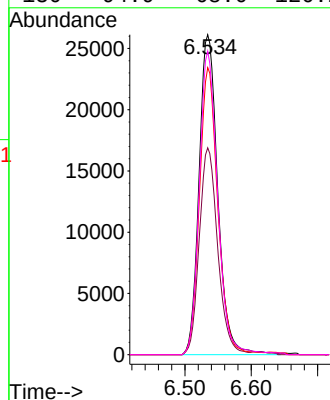
Ion Ratio Lower Upper

95 100

97 64.7 45.6 84.6

132 89.7 64.8 120.3

130 94.9 68.0 126.2



#35

Methylcyclohexane

Concen: 0.625 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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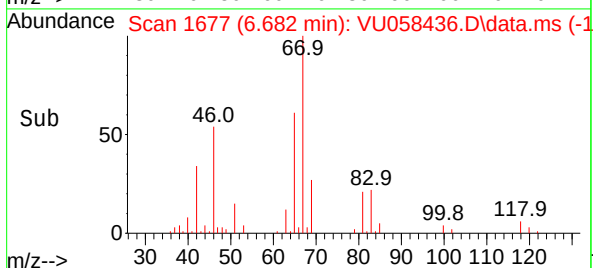
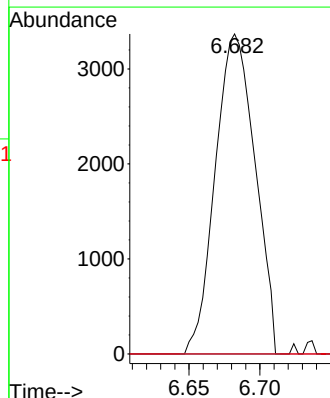
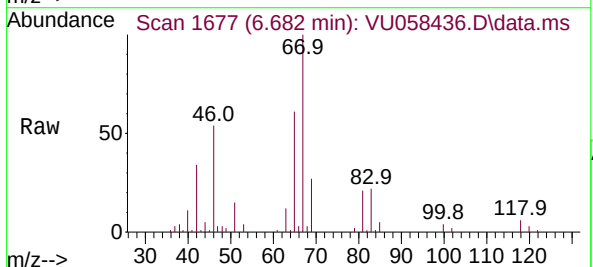
Tgt Ion: 83 Resp: 6585

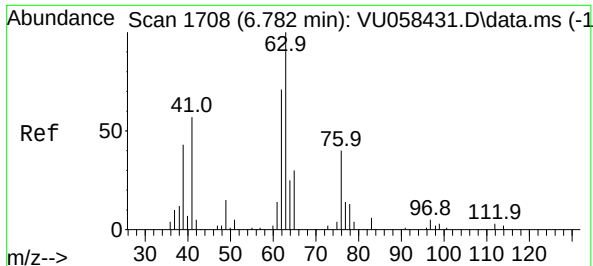
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

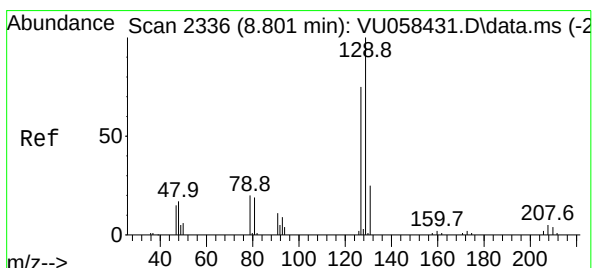
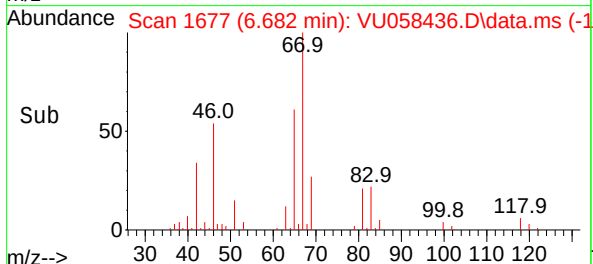
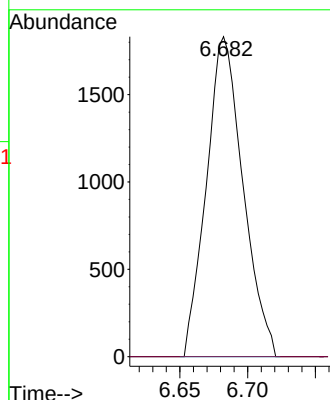
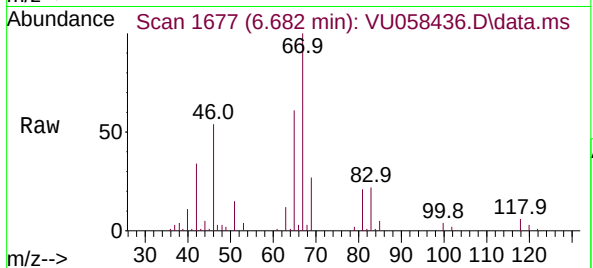




#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058436.D
Acq: 05 Apr 2024 22:14

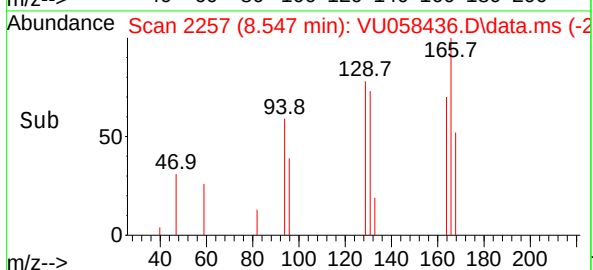
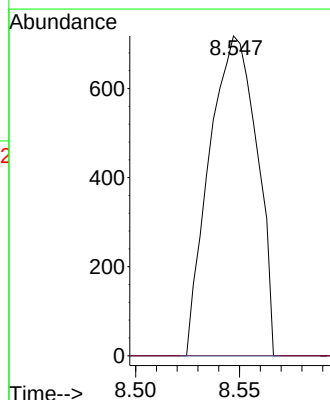
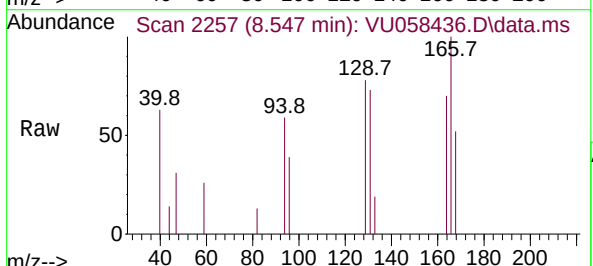
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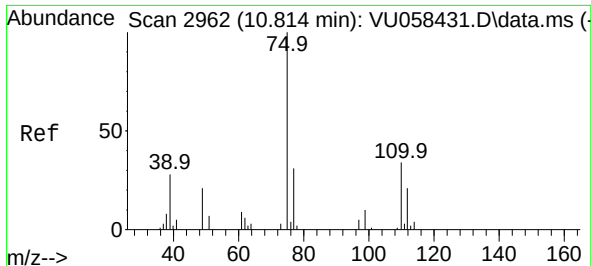
Tgt Ion: 63 Resp: 3441
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.231 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058436.D
Acq: 05 Apr 2024 22:14

Tgt Ion: 129 Resp: 1141
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.388 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058436.D

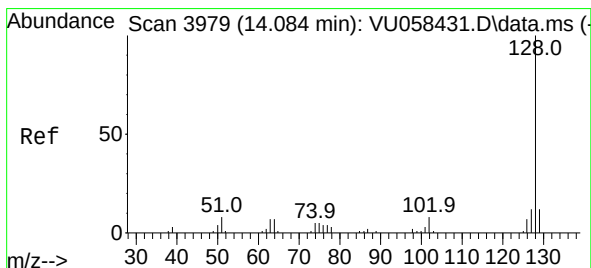
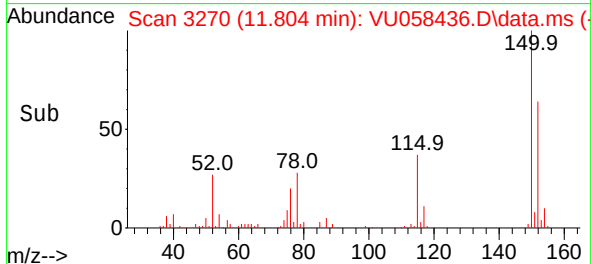
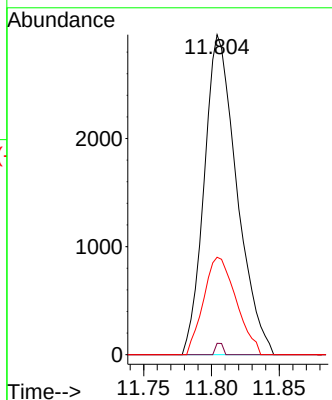
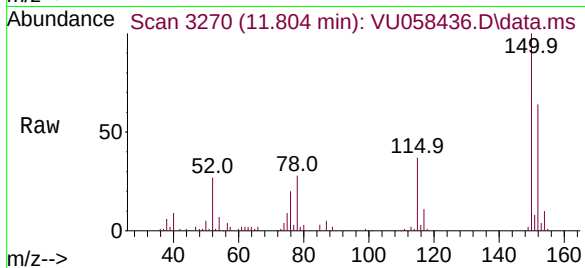
Acq: 05 Apr 2024 22:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	4944
Ion Ratio	Lower	Upper	
75	100		
110	0.8	25.8	38.6#
77	30.5	25.1	37.7



#71

Naphthalene

Concen: 0.127 ug/L

RT: 14.100 min Scan# 3984

Delta R.T. 0.016 min

Lab File: VU058436.D

Acq: 05 Apr 2024 22:14

Tgt Ion:	128	Resp:	1235
Ion Ratio	Lower	Upper	
128	100		
129	0.0	8.6	13.0#
127	3.5	11.0	16.6#

