

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058531.D
 Acq On : 09 Apr 2024 22:19
 Operator : MD/SY
 Sample : P1970-13 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

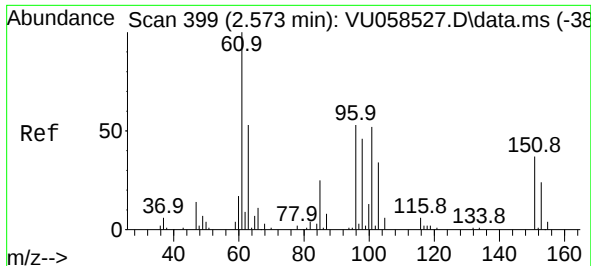
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 02:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

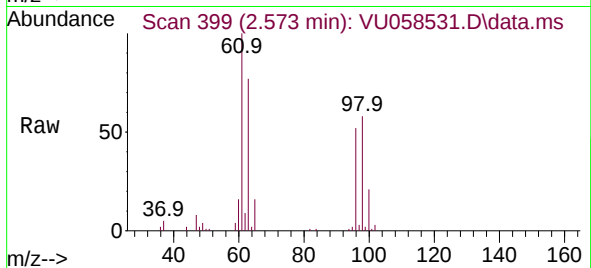
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	65984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22646	5.184	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.600%			
7) Chloroethane-d5	1.907	69	20293	5.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.000%			
11) 1,1-Dichloroethene-d2	2.557	65	10162	5.139	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.800%			
20) 2-Butanone-d5	4.631	46	42284	45.929	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.860%			
24) Chloroform-d	5.052	84	42734	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.695	65	20023	4.920	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.717	84	85720	5.188	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.800%			
36) 1,2-Dichloropropane-d6	6.682	67	26811	5.174	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.891	98	68879	4.701	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
43) trans-1,3-Dichloroprop...	8.177	79	7401	4.601	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.630	63	27471	41.407	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.820%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15886	4.343	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	19282	4.465	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	15090	3.227	ug/L	92
16) Methylene chloride	3.033	84	1684	0.271	ug/L	92
29) 1,1,1-Trichloroethane	5.306	97	36421	4.426	ug/L	98
31) Carbon tetrachloride	5.303	117	4420	0.634	ug/L	96
35) Methylcyclohexane	6.682	83	6180	0.731	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3134	0.535	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3438	1.314	ug/L #	69

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



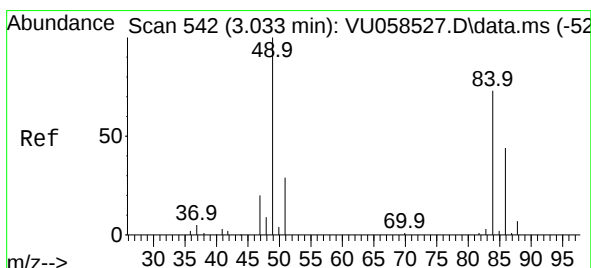
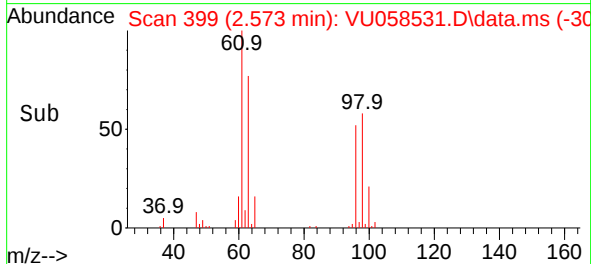
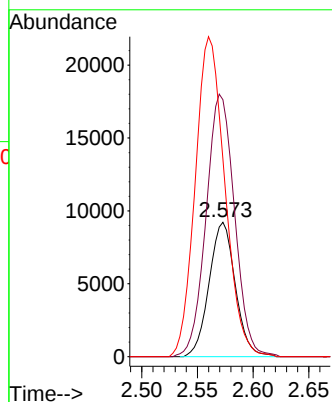
#12
1,1-Dichloroethene
Concen: 3.227 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058531.D
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Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 15090

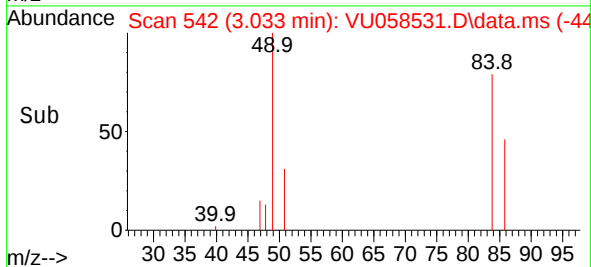
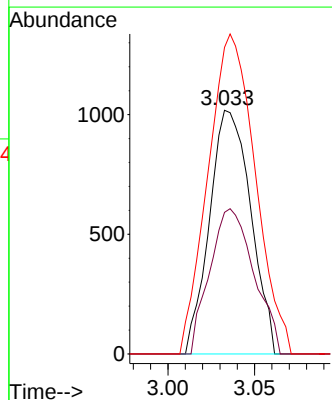
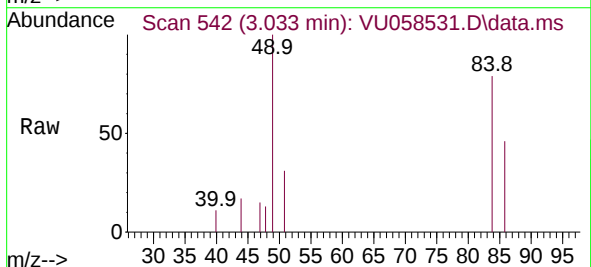
Ion	Ratio	Lower	Upper
96	100		
61	191.3	132.5	246.1
63	147.0	87.7	162.9

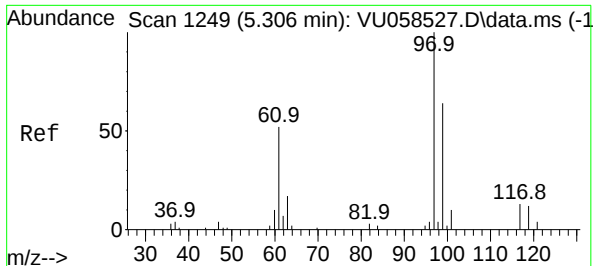


#16
Methylene chloride
Concen: 0.271 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.000 min
Lab File: VU058531.D
Acq: 09 Apr 2024 22:19

Tgt Ion: 84 Resp: 1684

Ion	Ratio	Lower	Upper
84	100		
86	58.2	44.3	82.3
49	125.8	96.0	178.2

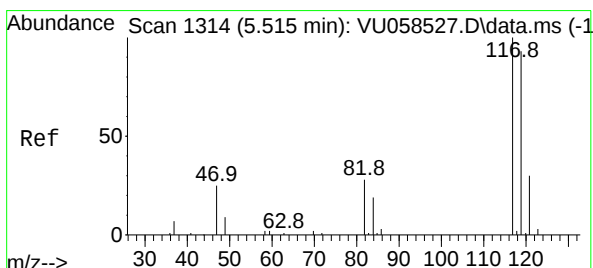
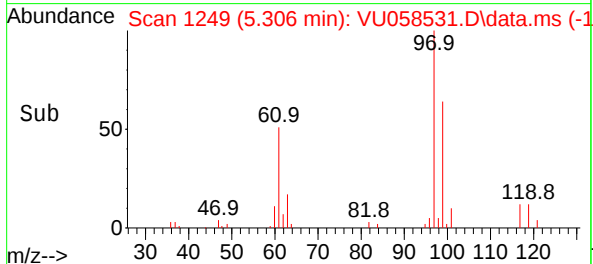
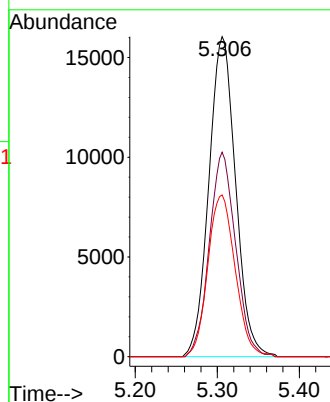
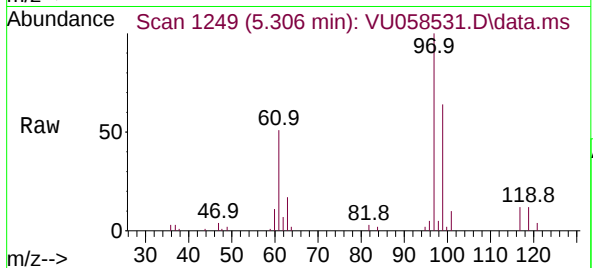




#29
1,1,1-Trichloroethane
Concen: 4.426 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058531.D
Acq: 09 Apr 2024 22:19

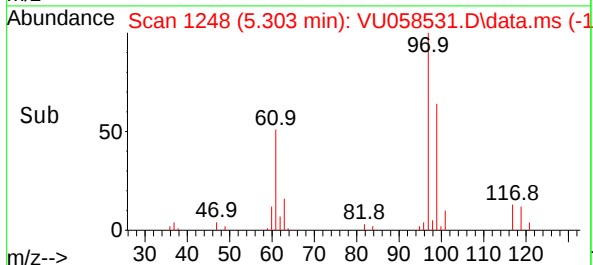
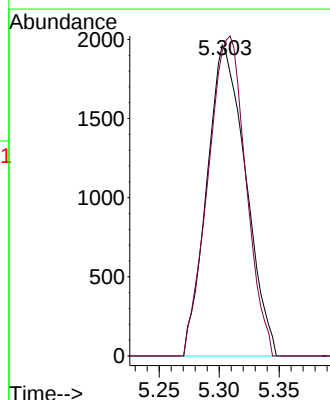
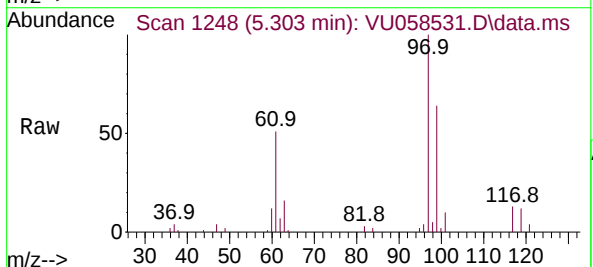
Instrument :
MSVOA_U
ClientSampleId :

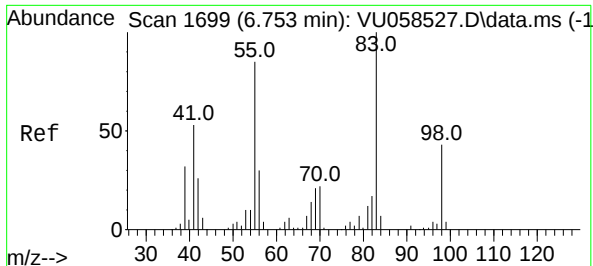
Tgt Ion: 97 Resp: 36421
Ion Ratio Lower Upper
97 100
99 62.9 50.4 75.6
61 51.6 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.634 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.213 min
Lab File: VU058531.D
Acq: 09 Apr 2024 22:19

Tgt Ion: 117 Resp: 4420
Ion Ratio Lower Upper
117 100
119 100.1 76.7 115.1





#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058531.D

Acq: 09 Apr 2024 22:19

Instrument :

MSVOA_U

ClientSampleId :

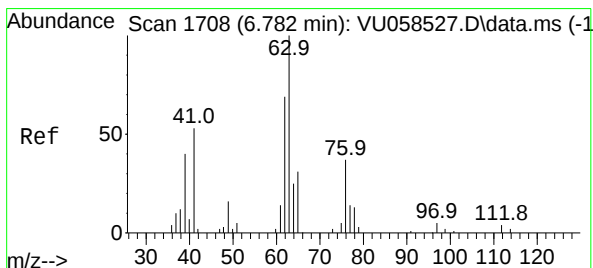
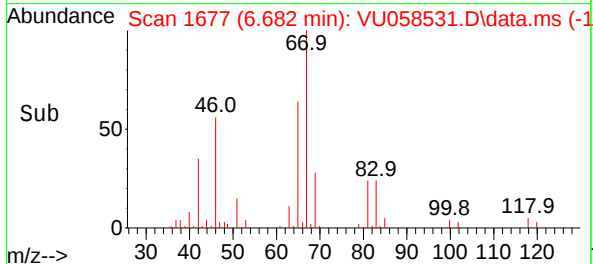
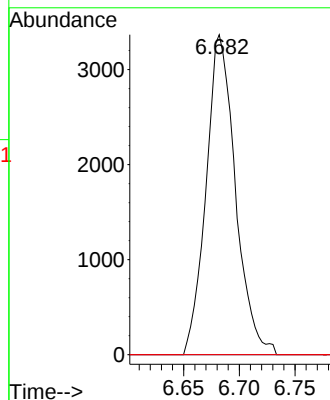
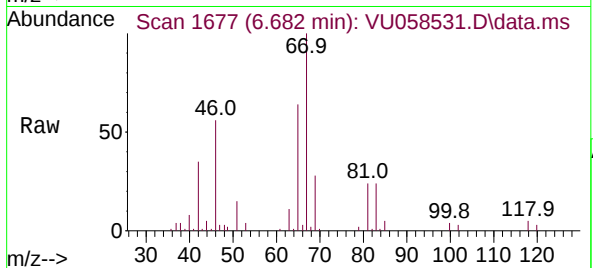
Tgt Ion: 83 Resp: 6180

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: 0.535 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU058531.D

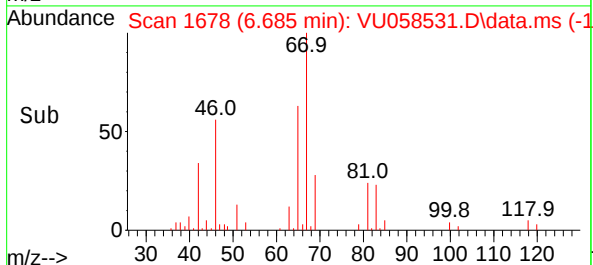
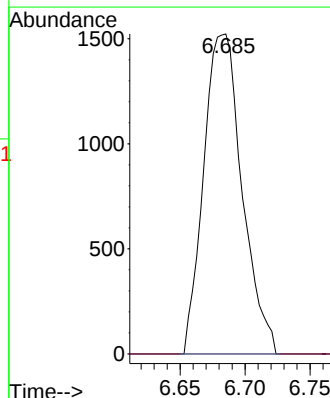
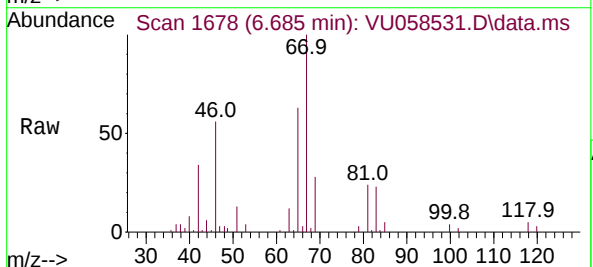
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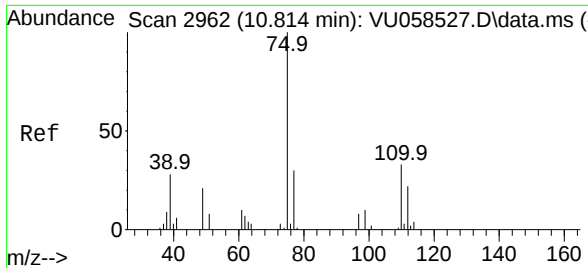
Tgt Ion: 63 Resp: 3134

Ion Ratio Lower Upper

63 100

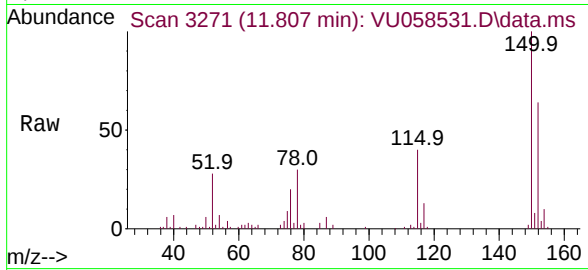
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.314 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU058531.D
 Acq: 09 Apr 2024 22:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3438
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 33.3 25.1 37.7

