

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058447.D
 Acq On : 06 Apr 2024 02:32
 Operator : MD/SY
 Sample : P1948-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ1

Manual Integrations
 APPROVED

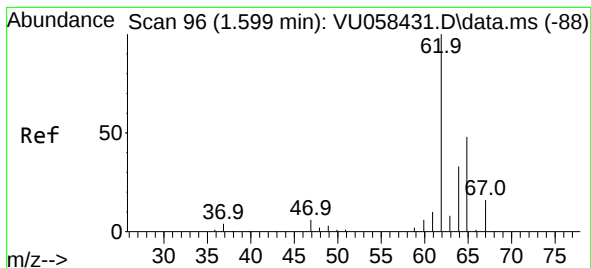
Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 06:01:18 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	82825	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21506	3.922	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	78.400%		
7) Chloroethane-d5	1.907	69	20704	4.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.800%		
11) 1,1-Dichloroethene-d2	2.560	65	11291	4.549	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.000%		
20) 2-Butanone-d5	4.624	46	53969	46.702	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.400%		
24) Chloroform-d	5.052	84	50264	4.592	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.800%		
26) 1,2-Dichloroethane-d4	5.695	65	24084	4.714	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.200%		
32) Benzene-d6	5.718	84	98137	4.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.600%		
36) 1,2-Dichloropropane-d6	6.682	67	32305	4.807	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.200%		
41) Toluene-d8	7.891	98	82493	4.341	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.800%		
43) trans-1,3-Dichloroprop...	8.174	79	9737	4.668	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.400%		
46) 2-Hexanone-d5	8.627	63	38922	45.238	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.480%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20408	4.302	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	86.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	25518	4.382	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	87.600%		
Target Compounds						
5) Vinyl chloride	1.599	62	1369	0.162	ug/L #	69
12) 1,1-Dichloroethene	2.573	96	1095291	186.598	ug/L #	76
19) 1,1-Dichloroethane	3.856	63	1138261	84.770	ug/L	98
25) Chloroform	5.081	83	5085	0.391	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4428	0.560	ug/L #	76
29) 1,1,1-Trichloroethane	5.306	97	21765701m	2039.648	ug/L	
34) Trichloroethene	6.534	95	37996	5.224	ug/L	97
53) m,p-Xylene	9.692	106	2601	0.227	ug/L	95

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



#5

Vinyl chloride

Concen: 0.162 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AJ1

Tgt Ion: 62 Resp: 1369

Ion Ratio Lower Upper

62 100

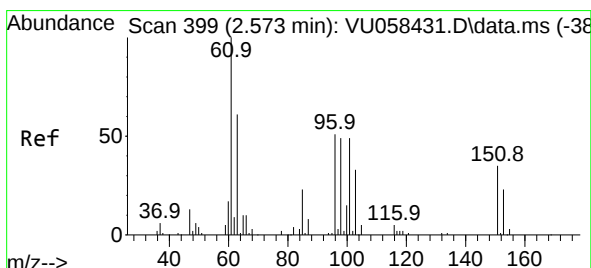
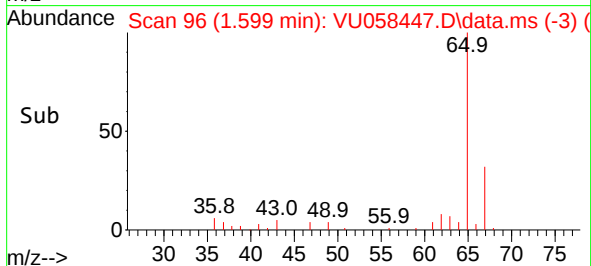
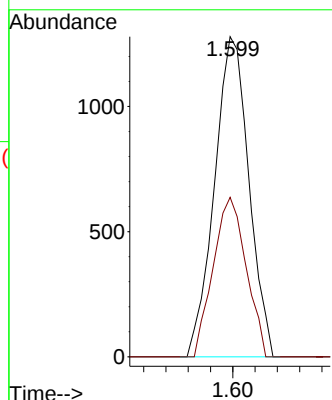
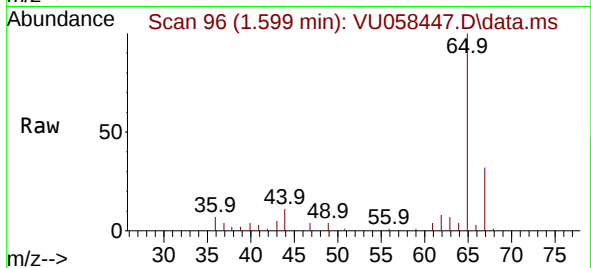
64 49.8 22.6 42.0

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 186.598 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

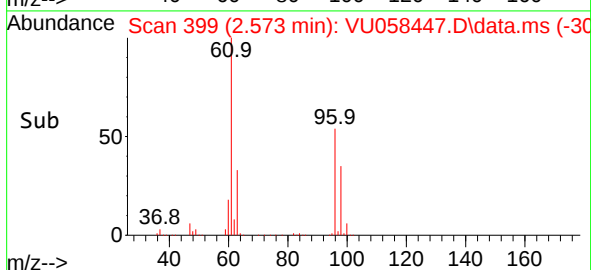
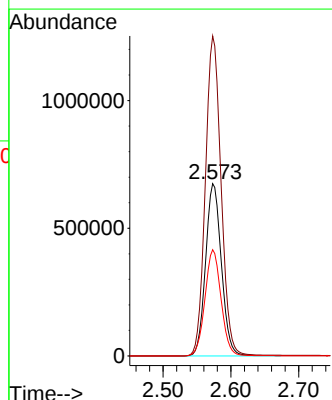
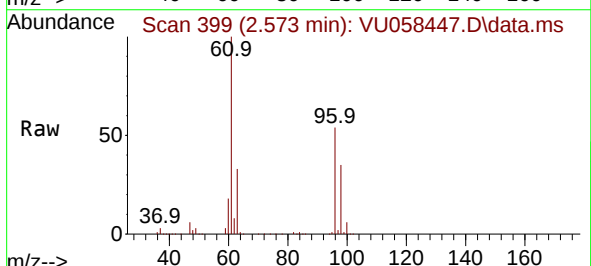
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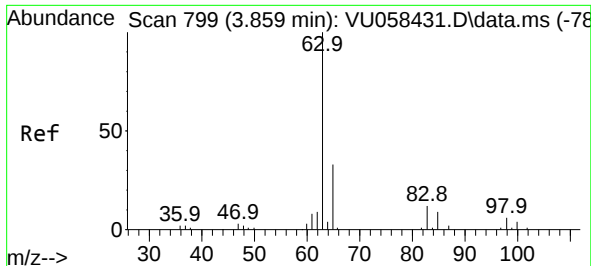
Ion Ratio Lower Upper

96 100

61 185.7 132.5 246.1

63 61.7 87.7 162.9





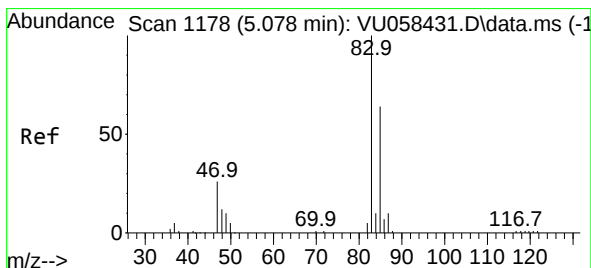
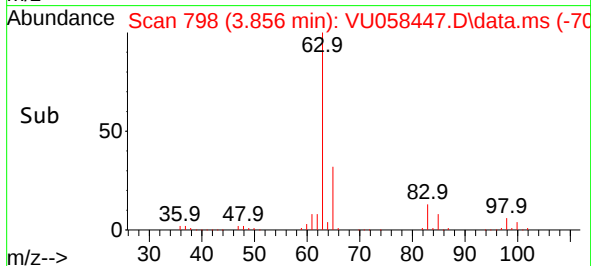
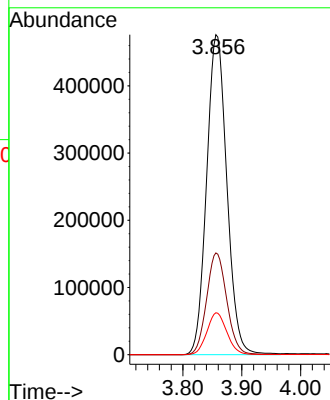
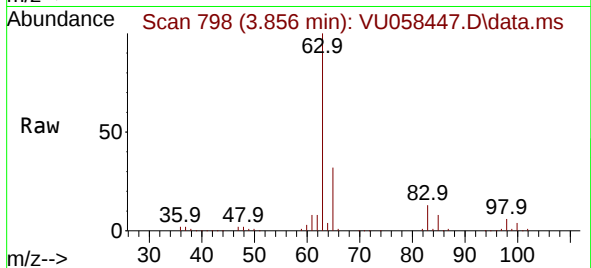
#19
1,1-Dichloroethane
Concen: 84.770 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Instrument :
MSVOA_U
ClientSampleId :
C0AJ1

Tgt Ion: 63 Resp: 113826
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 13.1 9.6 17.8

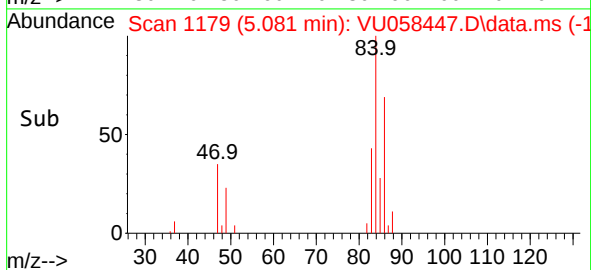
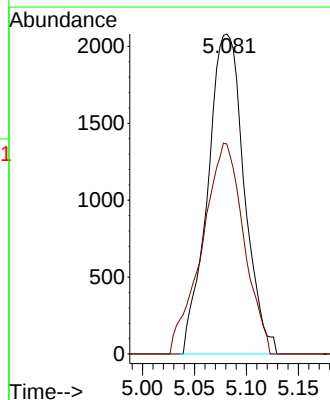
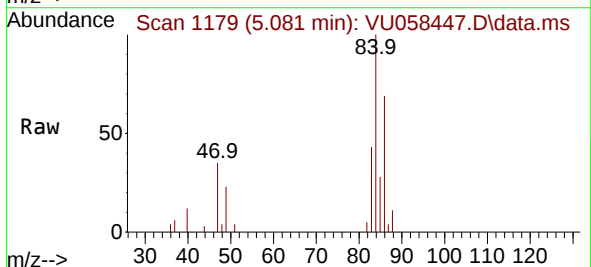
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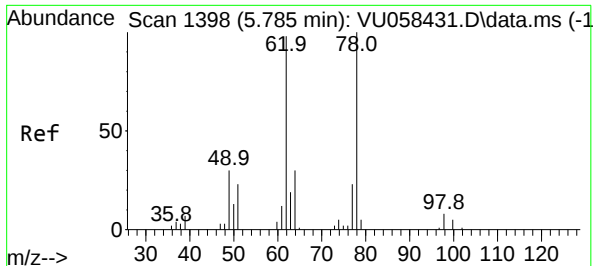
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#25
Chloroform
Concen: 0.391 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Tgt Ion: 83 Resp: 5085
Ion Ratio Lower Upper
83 100
85 65.6 44.7 83.1





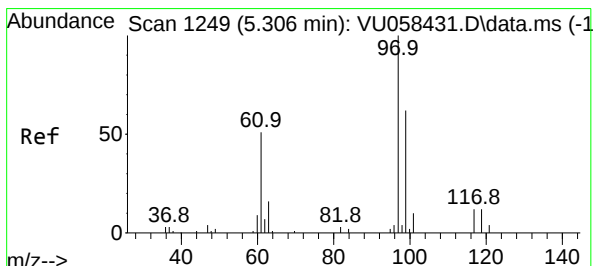
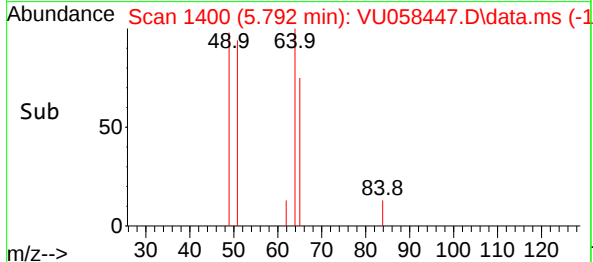
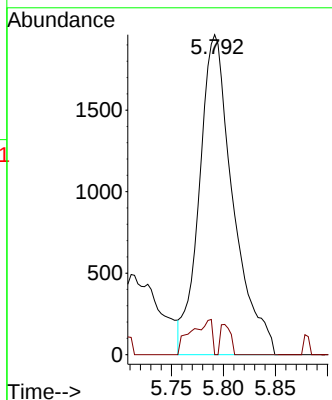
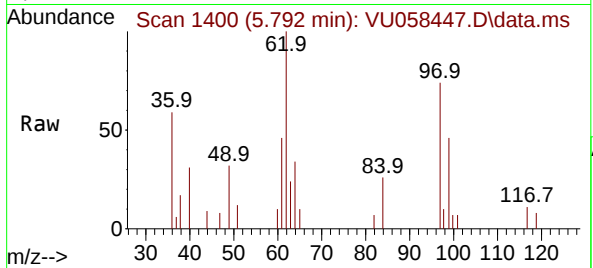
#27
 1,2-Dichloroethane
 Concen: 0.560 ug/L
 RT: 5.792 min Scan# 1400
 Delta R.T. 0.006 min
 Lab File: VU058447.D
 Acq: 06 Apr 2024 02:32

Instrument :
 MSVOA_U
 ClientSampleId :
 COAJ1

Tgt Ion: 62 Resp: 4428
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4

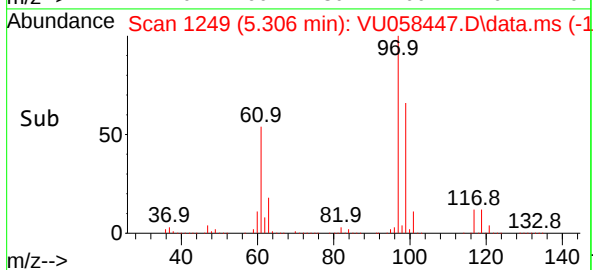
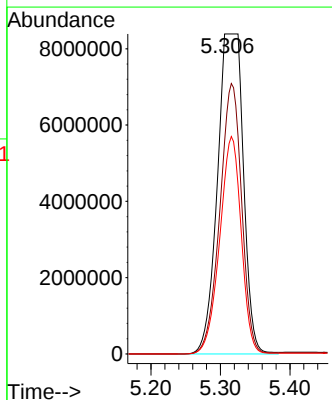
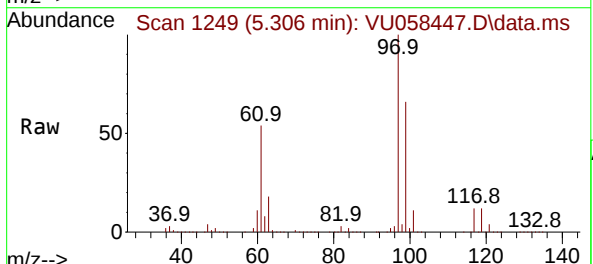
Manual Integrations
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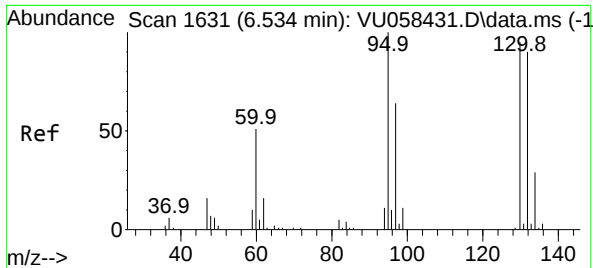
Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024



#29
 1,1,1-Trichloroethane
 Concen: 2039.648 ug/L m
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU058447.D
 Acq: 06 Apr 2024 02:32

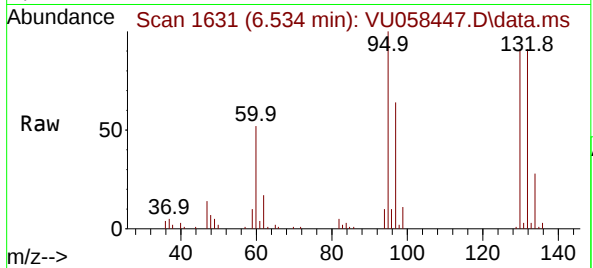
Tgt Ion: 97 Resp:21765701
 Ion Ratio Lower Upper
 97 100
 99 0.0 50.4 75.6#
 61 0.0 39.4 59.0#





#34
Trichloroethene
Concen: 5.224 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

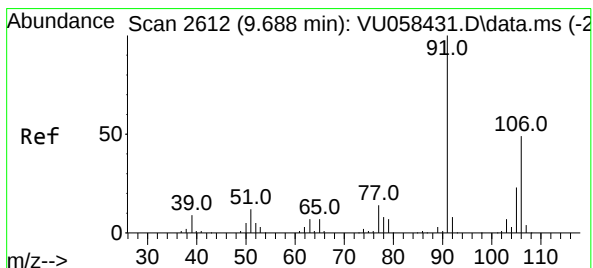
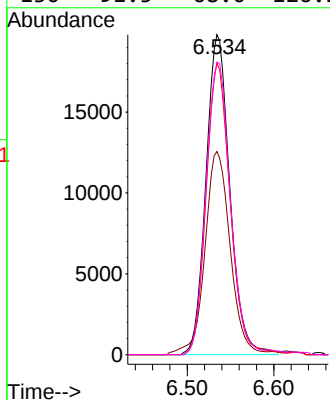
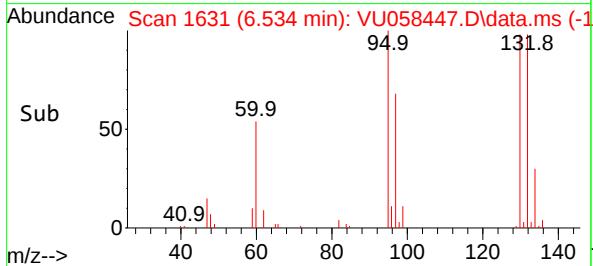
Instrument :
MSVOA_U
ClientSampleId :
C0AJ1



Tgt Ion: 95 Resp: 37990
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.6
132 91.0 64.8 120.3
130 91.5 68.0 126.2

Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/08/2024



#53
m,p-Xylene
Concen: 0.227 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Tgt Ion:106 Resp: 2601
Ion Ratio Lower Upper
106 100
91 203.9 147.8 274.4

