

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054998.D
 Acq On : 30 Aug 2023 14:51
 Operator : MD/SY
 Sample : 04209-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH489

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Aug 31 02:36:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181292	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	173840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18779	3.282	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	65.600%		
7) Chloroethane-d5	1.907	69	27010	3.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	73.000%		
11) 1,1-Dichloroethene-d2	2.563	65	12130	3.751	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.000%		
20) 2-Butanone-d5	4.628	46	163599	52.968	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	105.940%		
24) Chloroform-d	5.062	84	89055	4.196	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	5.701	65	50734	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.800%		
32) Benzene-d6	5.724	84	155529	3.980	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	79.600%		
36) 1,2-Dichloropropane-d6	6.689	67	58401	4.249	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.000%		
41) Toluene-d8	7.898	98	135329	3.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	72.400%		
43) trans-1,3-Dichloroprop...	8.180	79	16812	3.717	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	74.400%		
46) 2-Hexanone-d5	8.634	63	109314	50.921	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.840%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54730	4.644	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.193	152	59990	4.251	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.000%		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2141	0.183	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2010	0.214	ug/L #	80
12) 1,1-Dichloroethene	2.579	96	3735	0.456	ug/L #	17
17) Methyl tert-butyl Ether	3.364	73	8619	0.362	ug/L #	89
18) trans-1,2-Dichloroethene	3.357	96	5049	0.564	ug/L	90
19) 1,1-Dichloroethane	3.862	63	4857	0.259	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	490883	46.026	ug/L	94
25) Chloroform	5.084	83	10920	0.531	ug/L	95
34) Trichloroethene	6.541	95	822127	72.337	ug/L	98
45) 1,1,2-Trichloroethane	8.412	97	1727m	0.224	ug/L	
47) Tetrachloroethene	8.550	164	22409	2.744	ug/L	96

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

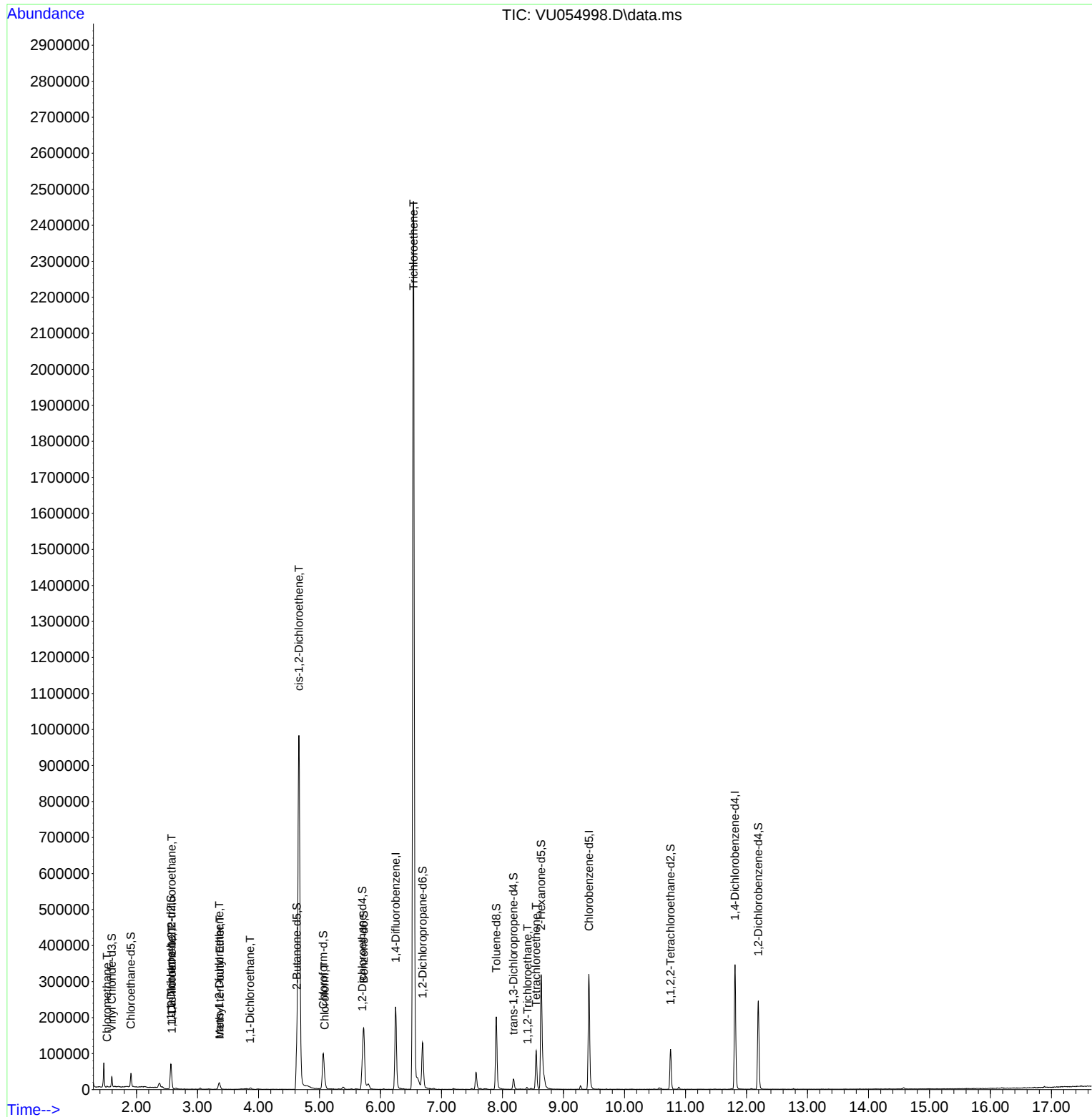
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
Data File : VU054998.D
Acq On : 30 Aug 2023 14:51
Operator : MD/SY
Sample : 04209-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

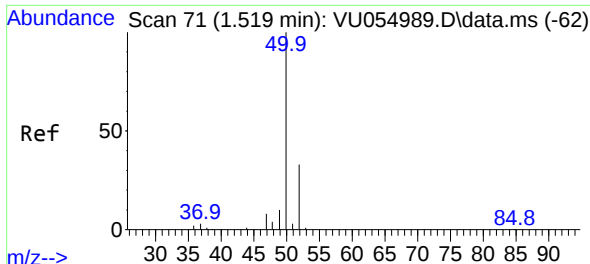
Instrument :
MSVOA_U
ClientSampleId :
BH489

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023

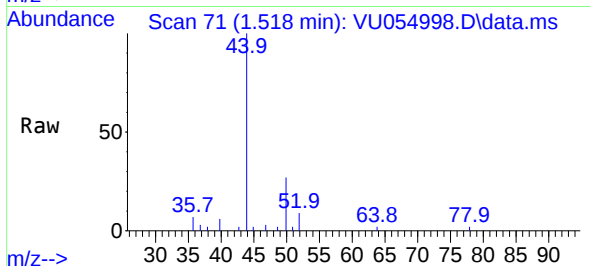
Quant Time: Aug 31 02:36:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 31 02:34:15 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.183 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

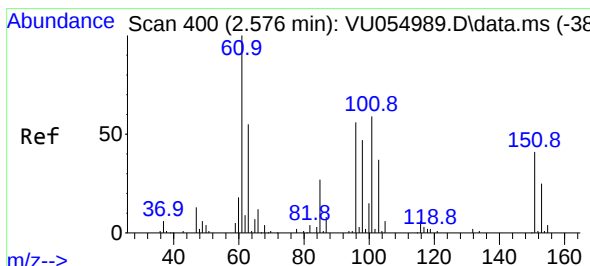
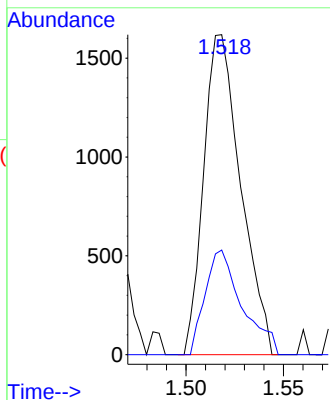
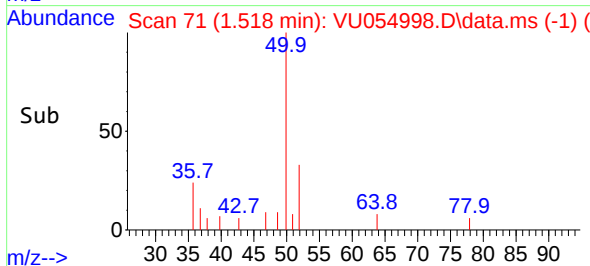
Instrument :
MSVOA_U
ClientSampleId :
BH489



Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.6

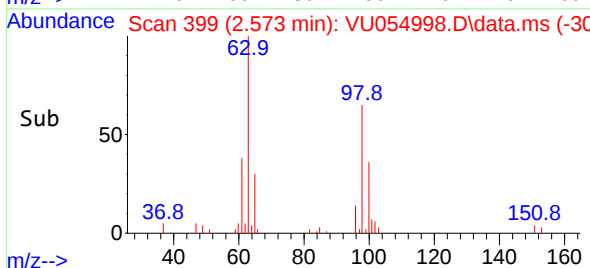
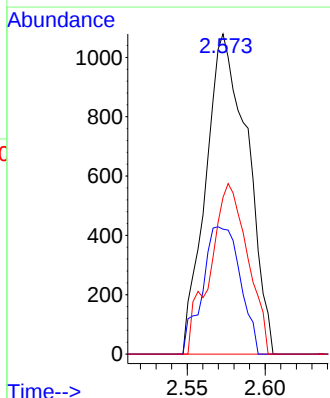
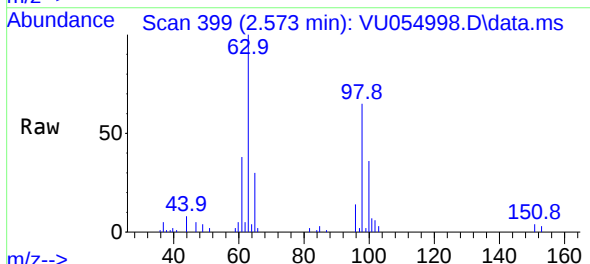
Manual Integrations
APPROVED

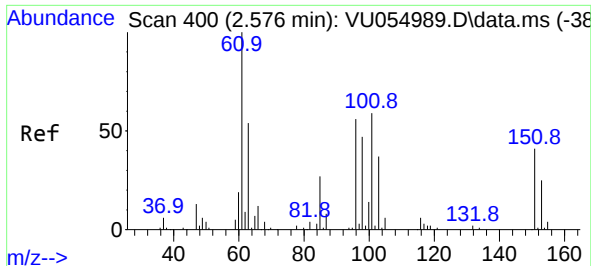
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.214 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.004 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

Tgt Ion:101 Resp: 2010
Ion Ratio Lower Upper
101 100
85 36.0 38.3 57.5#
151 47.9 51.5 77.3#





#12

1,1-Dichloroethene

Concen: 0.456 ug/L

RT: 2.579 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054998.D

Acq: 30 Aug 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

BH489

Tgt Ion: 96 Resp: 3738

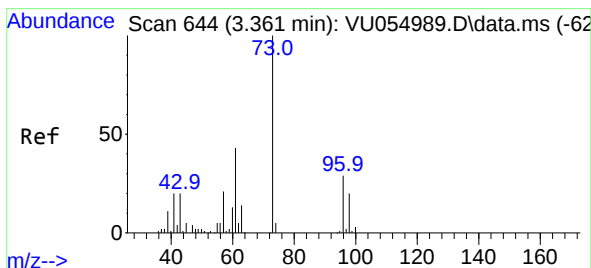
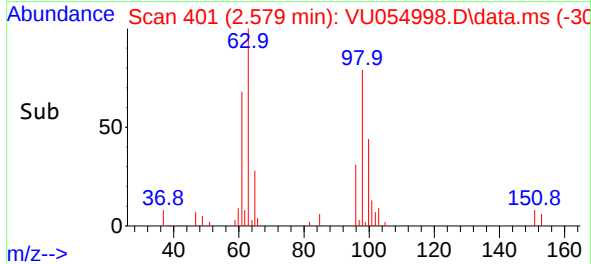
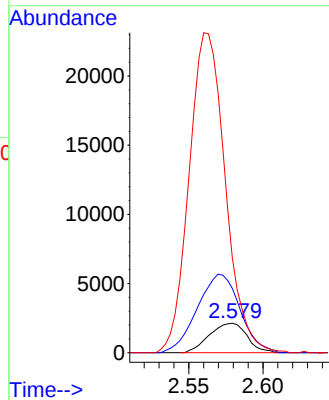
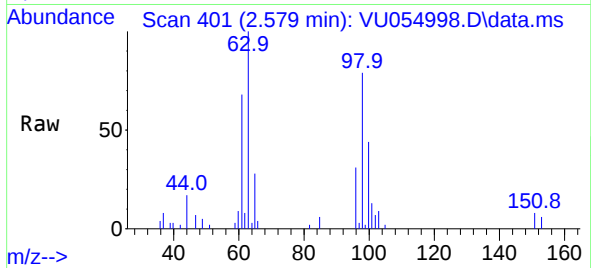
Ion	Ratio	Lower	Upper
96	100		
61	217.9	132.4	245.8
63	321.2	82.5	153.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023

Supervised By :Mahesh Dadoda 09/05/2023



#17

Methyl tert-butyl Ether

Concen: 0.362 ug/L

RT: 3.364 min Scan# 645

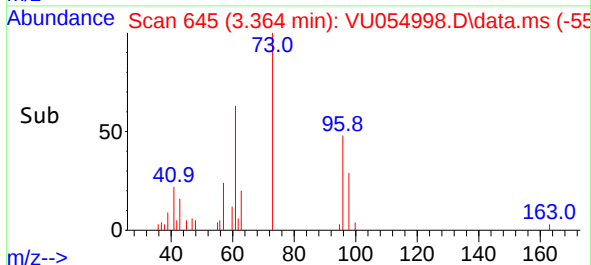
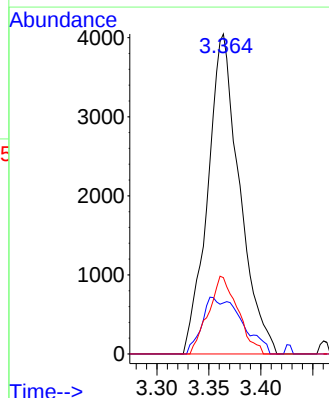
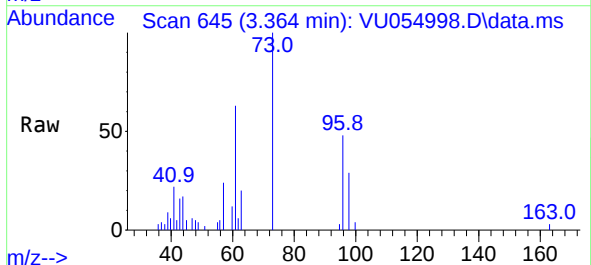
Delta R.T. 0.003 min

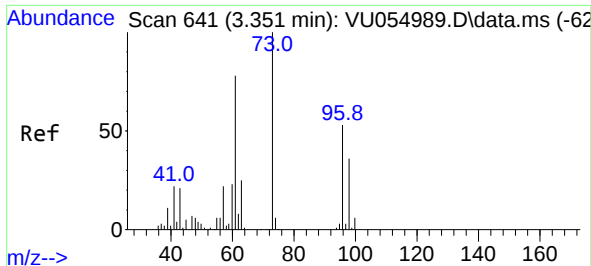
Lab File: VU054998.D

Acq: 30 Aug 2023 14:51

Tgt Ion: 73 Resp: 8619

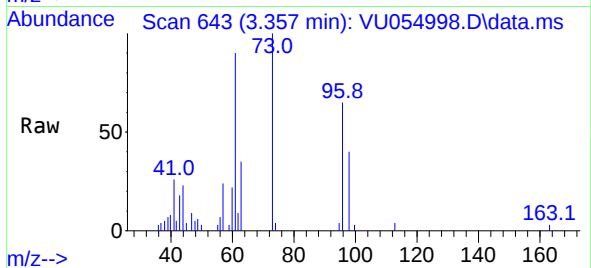
Ion	Ratio	Lower	Upper
73	100		
43	10.2	16.2	24.2
57	22.5	17.4	26.0





#18
trans-1,2-Dichloroethene
Concen: 0.564 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

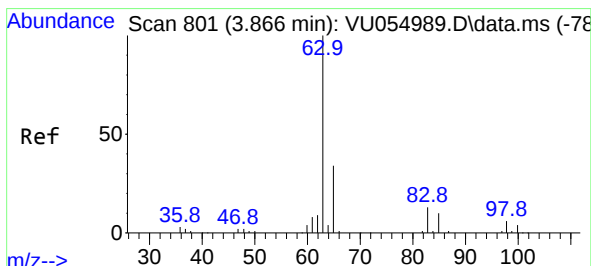
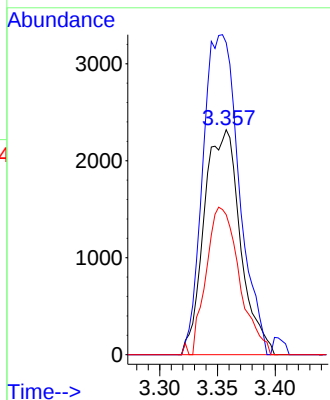
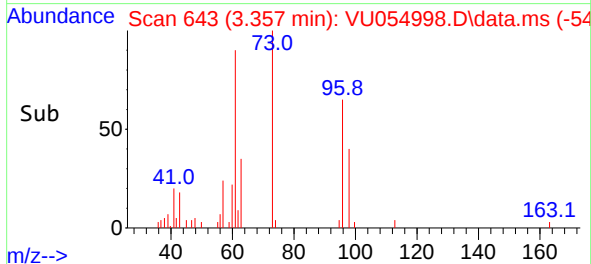
Instrument :
MSVOA_U
ClientSampleId :
BH489



Tgt Ion: 96 Resp: 5049
Ion Ratio Lower Upper
96 100
61 138.7 108.8 202.0
98 62.2 45.8 85.2

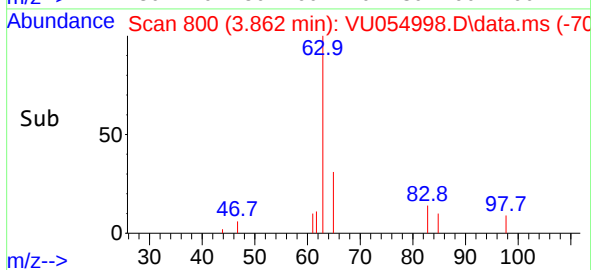
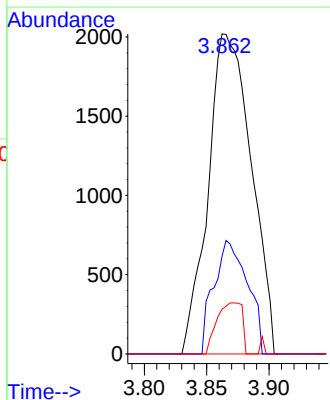
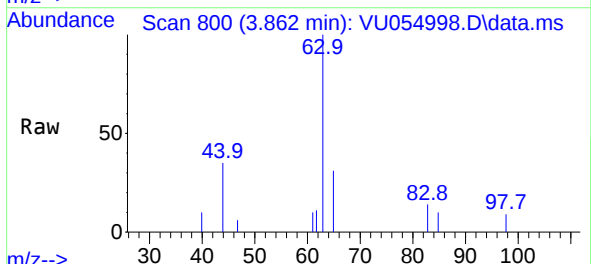
Manual Integrations
APPROVED

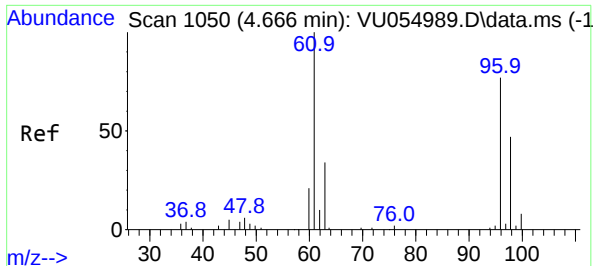
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023



#19
1,1-Dichloroethane
Concen: 0.259 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.004 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

Tgt Ion: 63 Resp: 4857
Ion Ratio Lower Upper
63 100
65 30.6 22.5 41.7
83 14.0 9.5 17.7





#22
 cis-1,2-Dichloroethene
 Concen: 46.026 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.004 min
 Lab File: VU054998.D
 Acq: 30 Aug 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

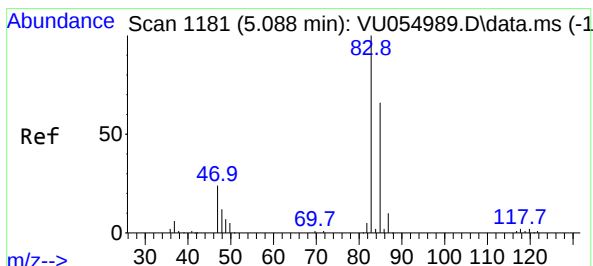
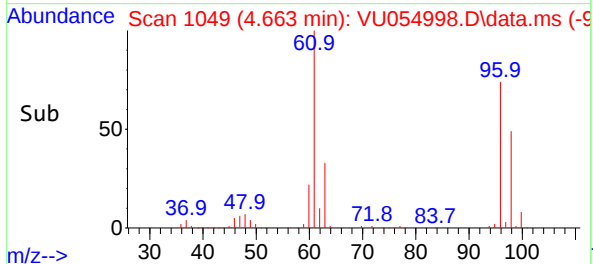
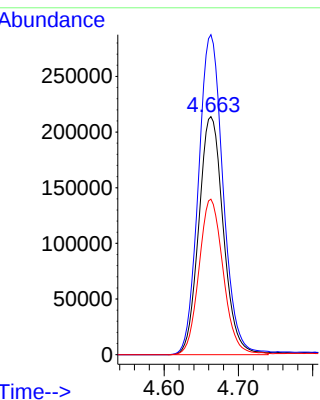
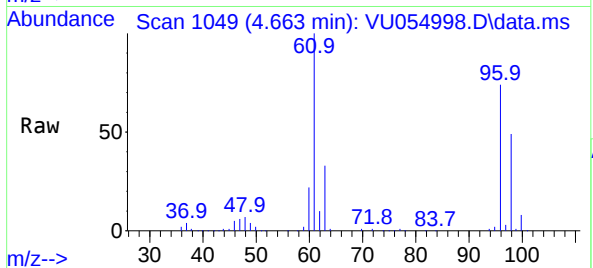
BH489

Tgt Ion: 96 Resp: 49088
 Ion Ratio Lower Upper
 96 100
 61 134.5 88.4 164.2
 98 65.3 44.0 81.6

Manual Integrations

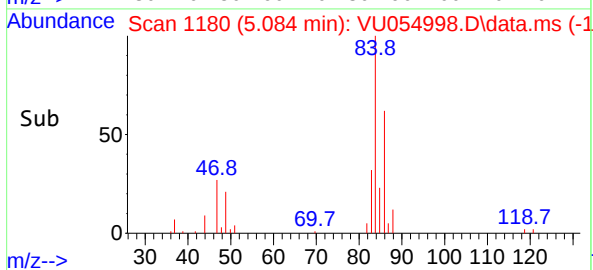
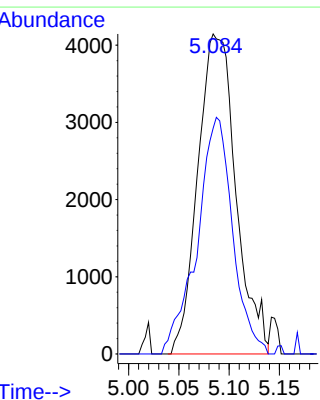
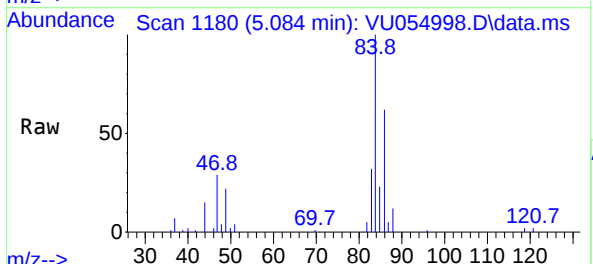
APPROVED

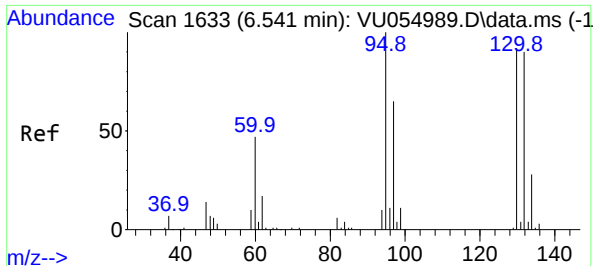
Reviewed By :Semsettin Yesilyurt 09/04/2023
 Supervised By :Mahesh Dadoda 09/05/2023



#25
 Chloroform
 Concen: 0.531 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. -0.004 min
 Lab File: VU054998.D
 Acq: 30 Aug 2023 14:51

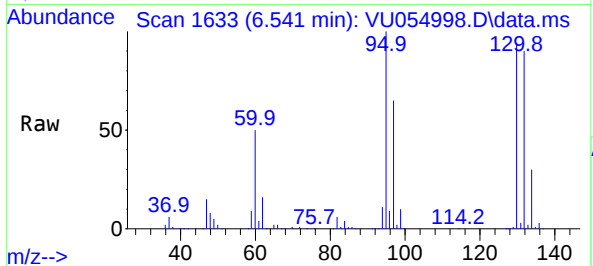
Tgt Ion: 83 Resp: 10920
 Ion Ratio Lower Upper
 83 100
 85 70.6 46.7 86.7





#34
Trichloroethene
Concen: 72.337 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

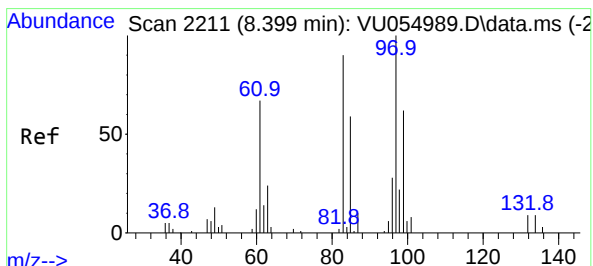
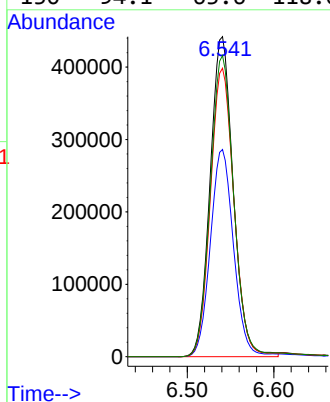
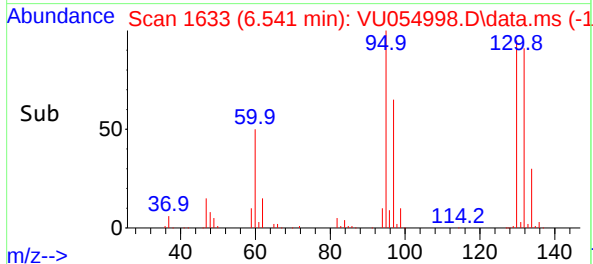
Instrument :
MSVOA_U
ClientSampleId :
BH489



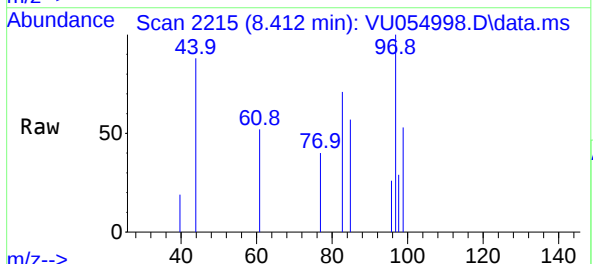
Tgt Ion: 95 Resp: 822127
Ion Ratio Lower Upper
95 100
97 64.7 44.1 81.9
132 90.2 63.6 118.2
130 94.1 63.6 118.0

Manual Integrations
APPROVED

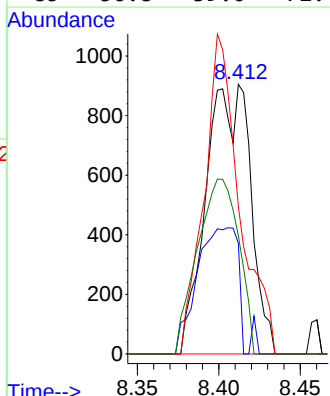
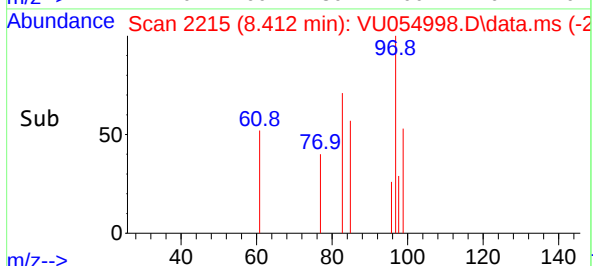
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023

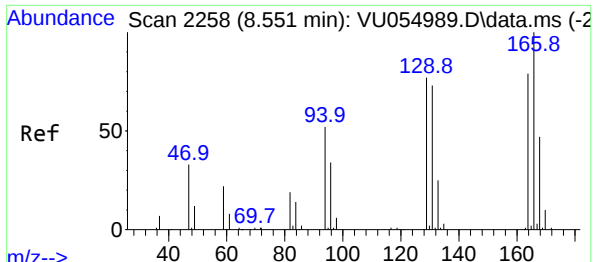


#45
1,1,2-Trichloroethane
Concen: 0.224 ug/L m
RT: 8.412 min Scan# 2215
Delta R.T. 0.013 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51



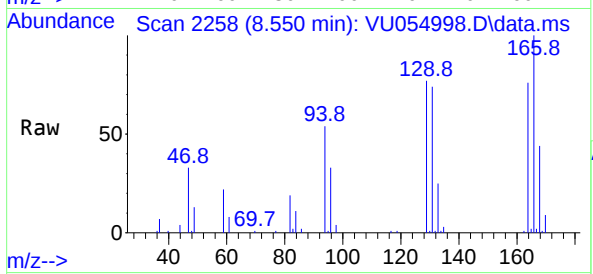
Tgt Ion: 97 Resp: 1727
Ion Ratio Lower Upper
97 100
99 53.2 41.5 77.1
83 70.8 59.8 111.1
85 56.8 39.0 72.4





#47
Tetrachloroethene
Concen: 2.744 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054998.D
Acq: 30 Aug 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
BH489



Tgt Ion:164 Resp: 22409

Ion	Ratio	Lower	Upper
164	100		
129	100.2	72.8	135.2
131	96.8	70.7	131.3
166	130.7	95.9	178.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023

