

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059629.D
 Acq On : 28 Jun 2024 18:41
 Operator : MD/SY
 Sample : P3059-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GM9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 28 23:59:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39028	4.111	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.200%		
7) Chloroethane-d5	1.907	69	40056	4.385	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.800%		
11) 1,1-Dichloroethene-d2	2.560	65	16794	4.264	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.200%		
20) 2-Butanone-d5	4.618	46	126126	64.499	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	129.000%		
24) Chloroform-d	5.055	84	94528	4.851	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.000%		
26) 1,2-Dichloroethane-d4	5.695	65	48212	5.136	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.800%		
32) Benzene-d6	5.721	84	191851	4.852	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.000%		
36) 1,2-Dichloropropane-d6	6.685	67	61588	5.083	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.600%		
41) Toluene-d8	7.894	98	161581	4.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.000%		
43) trans-1,3-Dichloroprop...	8.177	79	19367	5.105	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	102.000%		
46) 2-Hexanone-d5	8.627	63	107861	68.426	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	136.860%#		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55181	5.512	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	110.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	61162	5.360	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	107.200%		
Target Compounds						
5) Vinyl chloride	1.599	62	5089	0.370	ug/L #	72
12) 1,1-Dichloroethene	2.576	96	5101	0.527	ug/L #	1
13) Acetone	2.628	43	54401m	42.887	ug/L	
18) trans-1,2-Dichloroethene	3.345	96	161734	16.061	ug/L	90
19) 1,1-Dichloroethane	3.859	63	82473	4.441	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	213816	19.264	ug/L	94
34) Trichloroethene	6.534	95	1654171	140.007	ug/L	99
37) 1,2-Dichloropropane	6.785	63	13392	1.186	ug/L #	97
47) Tetrachloroethene	8.547	164	546668	59.627	ug/L	96

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

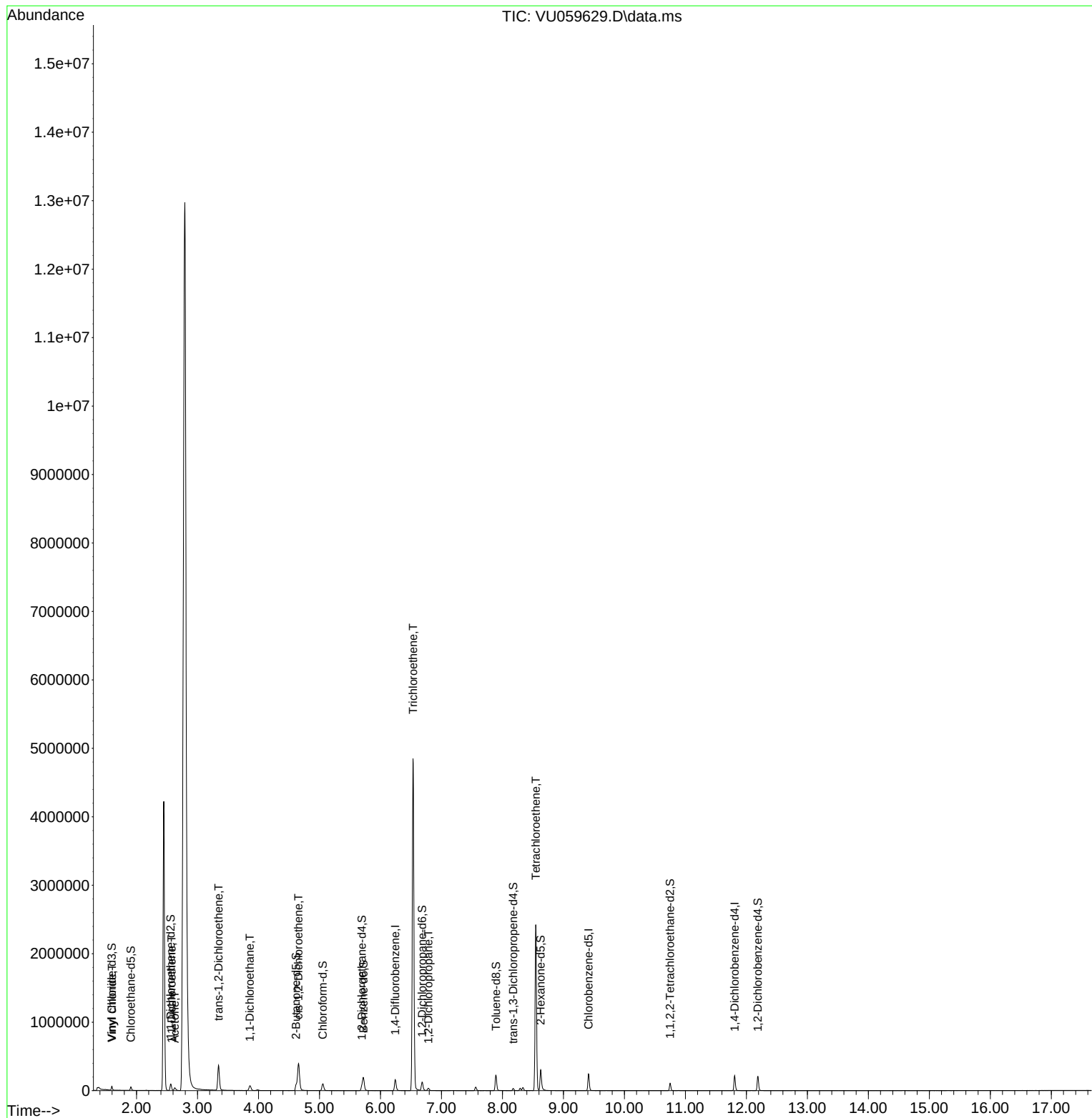
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059629.D
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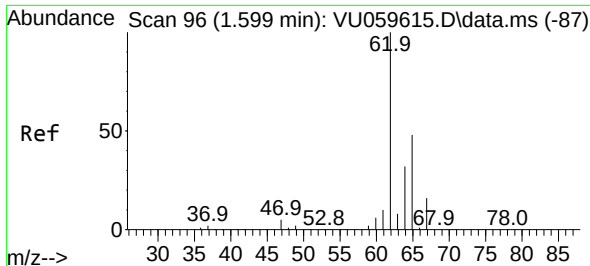
Instrument :
MSVOA_U
ClientSampleId :
E1GM9

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Supervised By :Semsettin Yesilyurt 07/01/2024

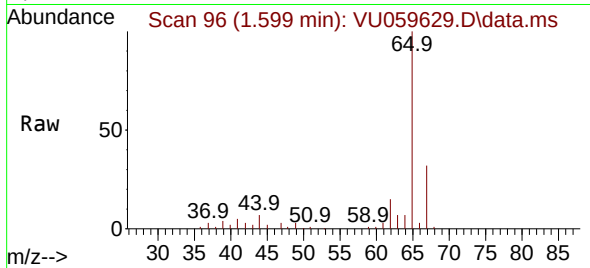
Quant Time: Jun 28 23:59:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 0.370 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

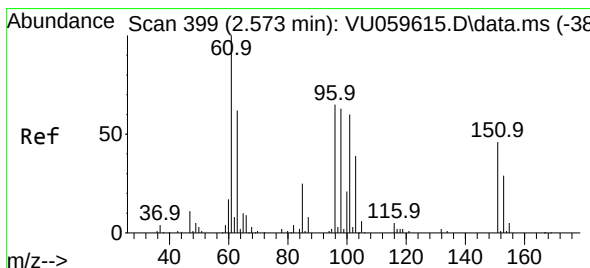
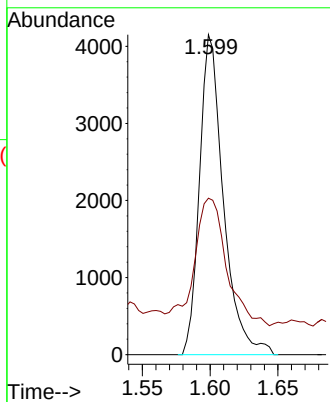
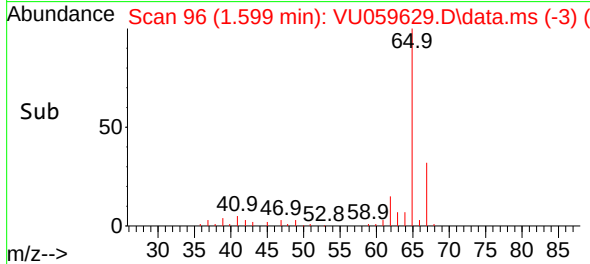
Instrument :
MSVOA_U
ClientSampleId :
E1GM9



Tgt Ion: 62 Resp: 5089
Ion Ratio Lower Upper
62 100
64 48.9 23.1 42.9

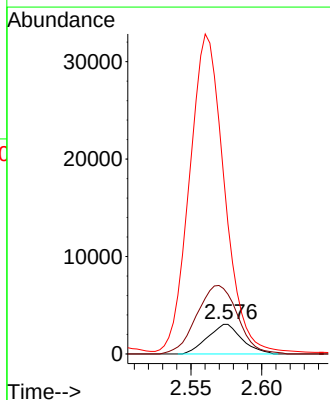
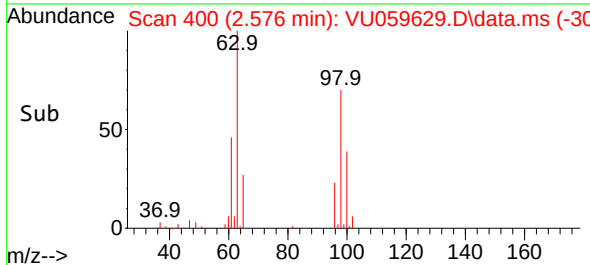
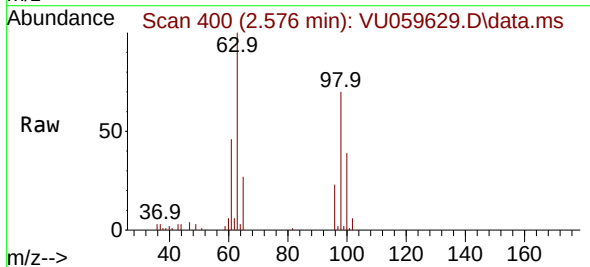
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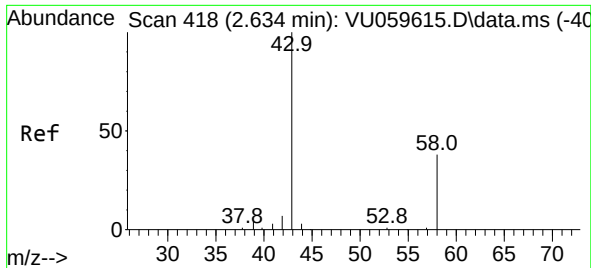
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#12
1,1-Dichloroethene
Concen: 0.527 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 96 Resp: 5101
Ion Ratio Lower Upper
96 100
61 201.1 122.9 228.3
63 438.7 80.4 149.4





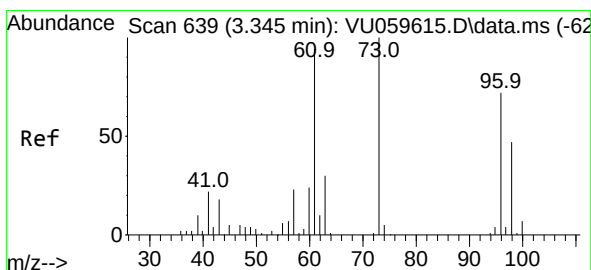
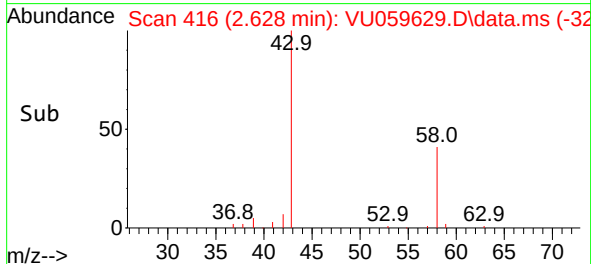
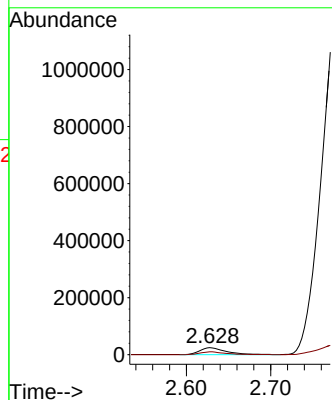
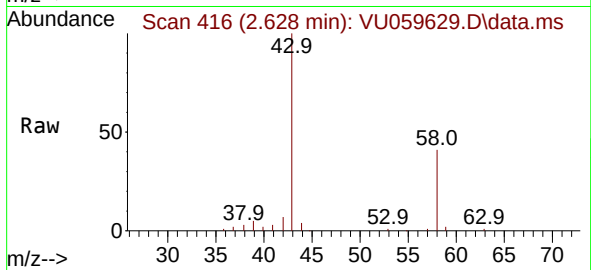
#13
Acetone
Concen: 42.887 ug/L m
RT: 2.628 min Scan# 416
Delta R.T. -0.006 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Instrument :
MSVOA_U
ClientSampleId :
E1GM9

Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
58 39.2 0.0 68.0

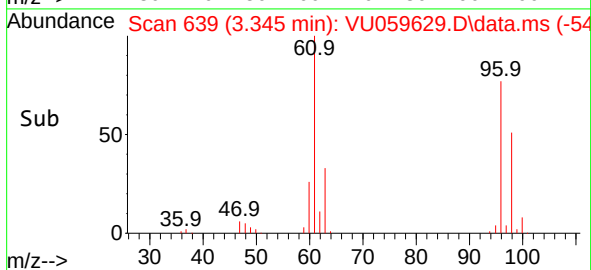
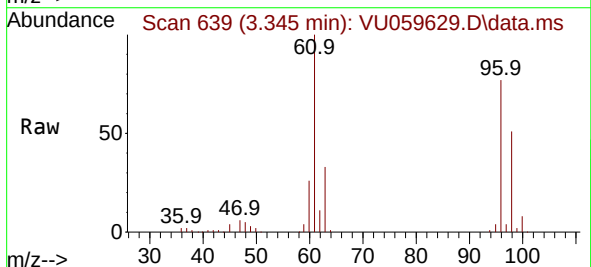
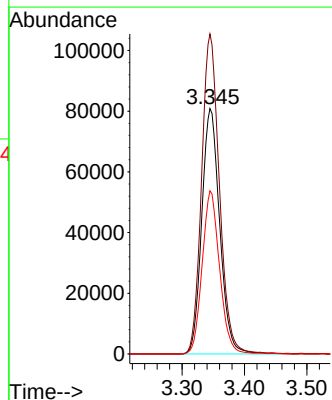
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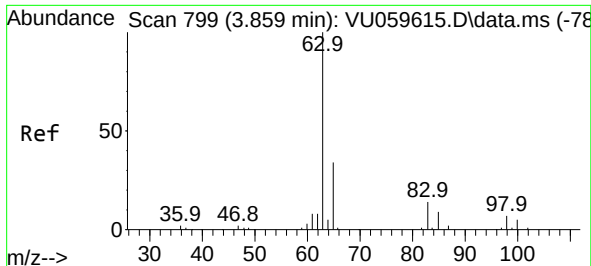
Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024



#18
trans-1,2-Dichloroethene
Concen: 16.061 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 96 Resp: 161734
Ion Ratio Lower Upper
96 100
61 130.4 101.8 189.0
98 66.5 43.3 80.5





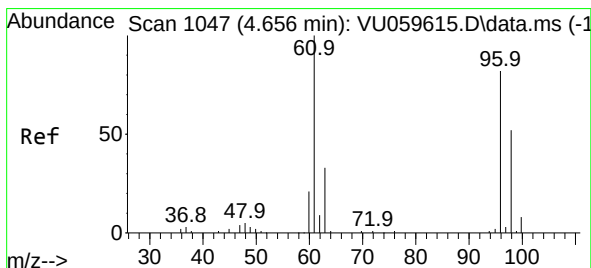
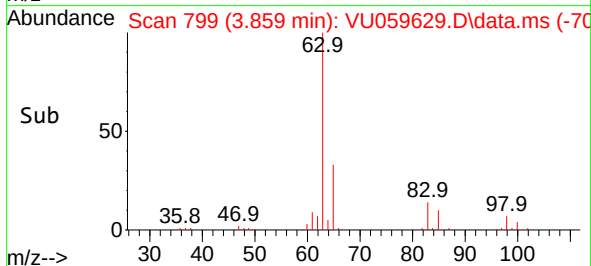
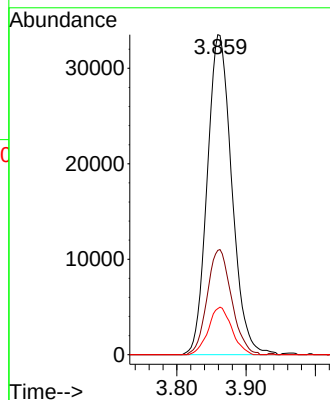
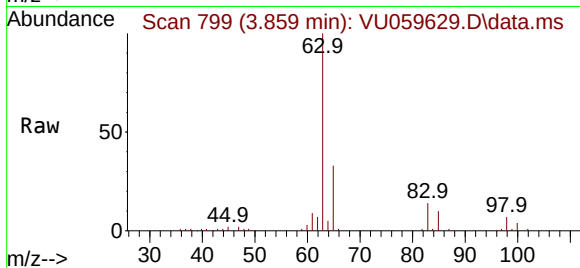
#19
1,1-Dichloroethane
Concen: 4.441 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Instrument :
MSVOA_U
Client Sample Id :
E1GM9

Tgt Ion: 63 Resp: 8247
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 14.4 9.9 18.5

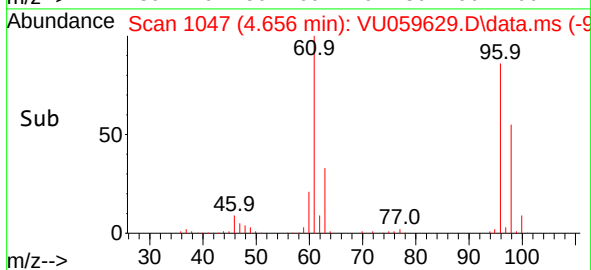
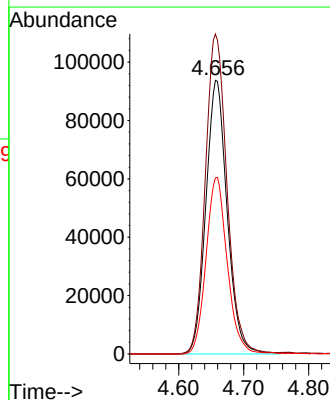
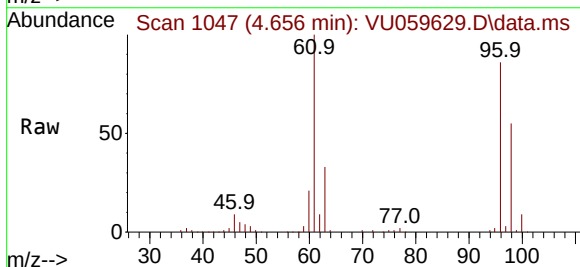
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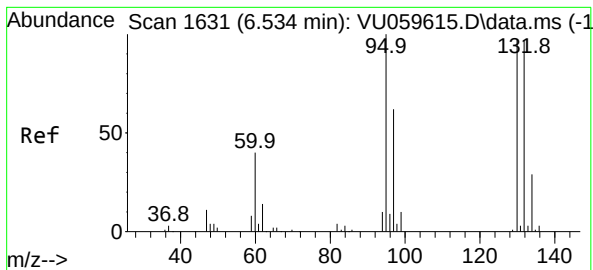
Reviewed By :Mahesh Dadoda 07/01/2024
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#22
cis-1,2-Dichloroethene
Concen: 19.264 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059629.D
Acq: 28 Jun 2024 18:41

Tgt Ion: 96 Resp: 213816
Ion Ratio Lower Upper
96 100
61 116.9 87.4 162.2
98 64.4 42.3 78.5





#34

Trichloroethene

Concen: 140.007 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059629.D

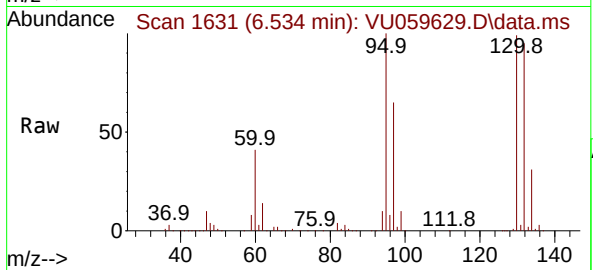
Acq: 28 Jun 2024 18:41

Instrument :

MSVOA_U

ClientSampleId :

E1GM9



Tgt Ion: 95 Resp: 165417

Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

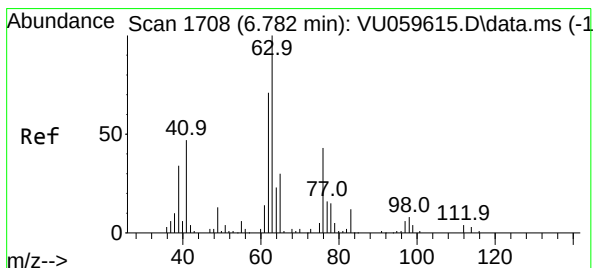
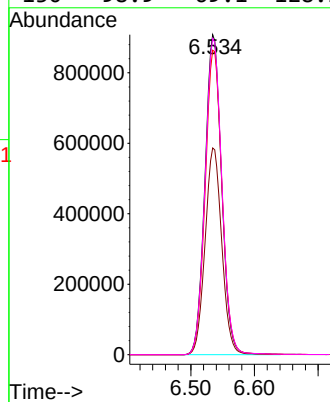
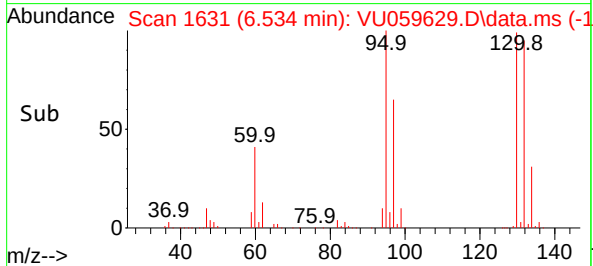
132 95.2 64.0 119.0

130 98.9 69.1 128.3

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#37

1,2-Dichloropropane

Concen: 1.186 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059629.D

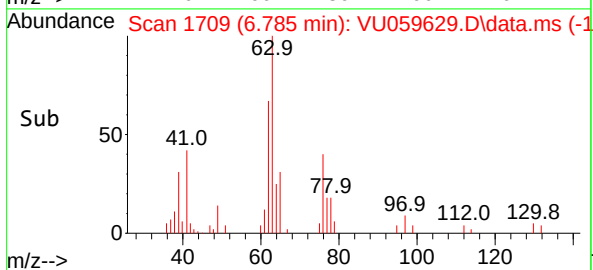
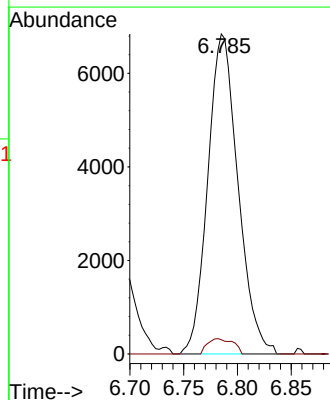
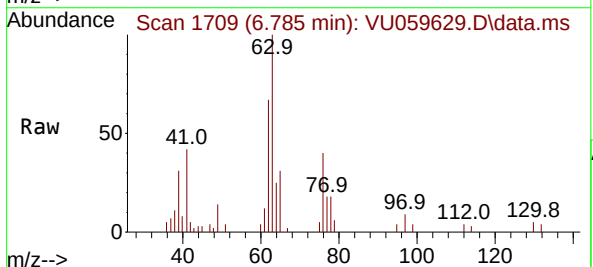
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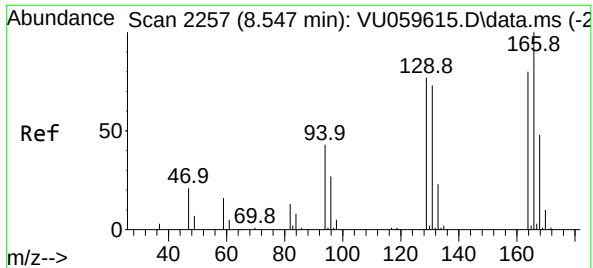
Tgt Ion: 63 Resp: 13392

Ion Ratio Lower Upper

63 100

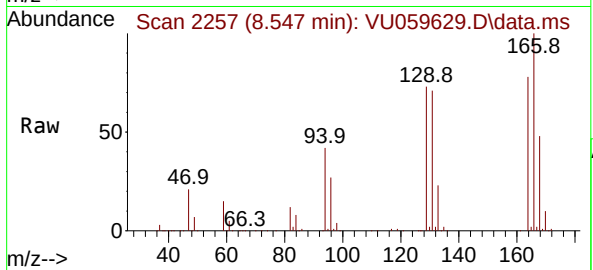
112 4.0 2.6 3.8#





#47
 Tetrachloroethene
 Concen: 59.627 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU059629.D
 Acq: 28 Jun 2024 18:41

Instrument :
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Tgt Ion:164 Resp: 546668

Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.8	131.4
131	91.2	64.8	120.3
166	128.0	91.1	169.1

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