

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058446.D
 Acq On : 06 Apr 2024 02:09
 Operator : MD/SY
 Sample : P1948-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAJ0

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 06:00:59 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	84724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22427	3.998	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.908	69	21018	4.312	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.560	65	13108	5.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.200%	
20) 2-Butanone-d5	4.628	46	55200	46.697	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.400%	
24) Chloroform-d	5.055	84	50716	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.695	65	24757	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.721	84	101825	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.682	67	33107	4.945	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.891	98	85324	4.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.177	79	10071	4.846	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.000%	
46) 2-Hexanone-d5	8.628	63	40976	47.801	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.600%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21337	4.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	26179	4.505	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						
5) Vinyl chloride	1.599	62	3198	0.371	ug/L	94
9) Trichlorofluoromethane	2.133	101	1467	0.129	ug/L	98
12) 1,1-Dichloroethene	2.573	96	6120001	1019.257	ug/L #	76
19) 1,1-Dichloroethane	3.859	63	2181101	158.793	ug/L	98
25) Chloroform	5.081	83	14632	1.101	ug/L	99
27) 1,2-Dichloroethane	5.788	62	14687	1.814	ug/L #	89
29) 1,1,1-Trichloroethane	5.303	97	40531240m	3812.138	ug/L	
34) Trichloroethene	6.534	95	235248	32.466	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	819	0.185	ug/L	91
47) Tetrachloroethene	8.547	164	7314	1.377	ug/L	92

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

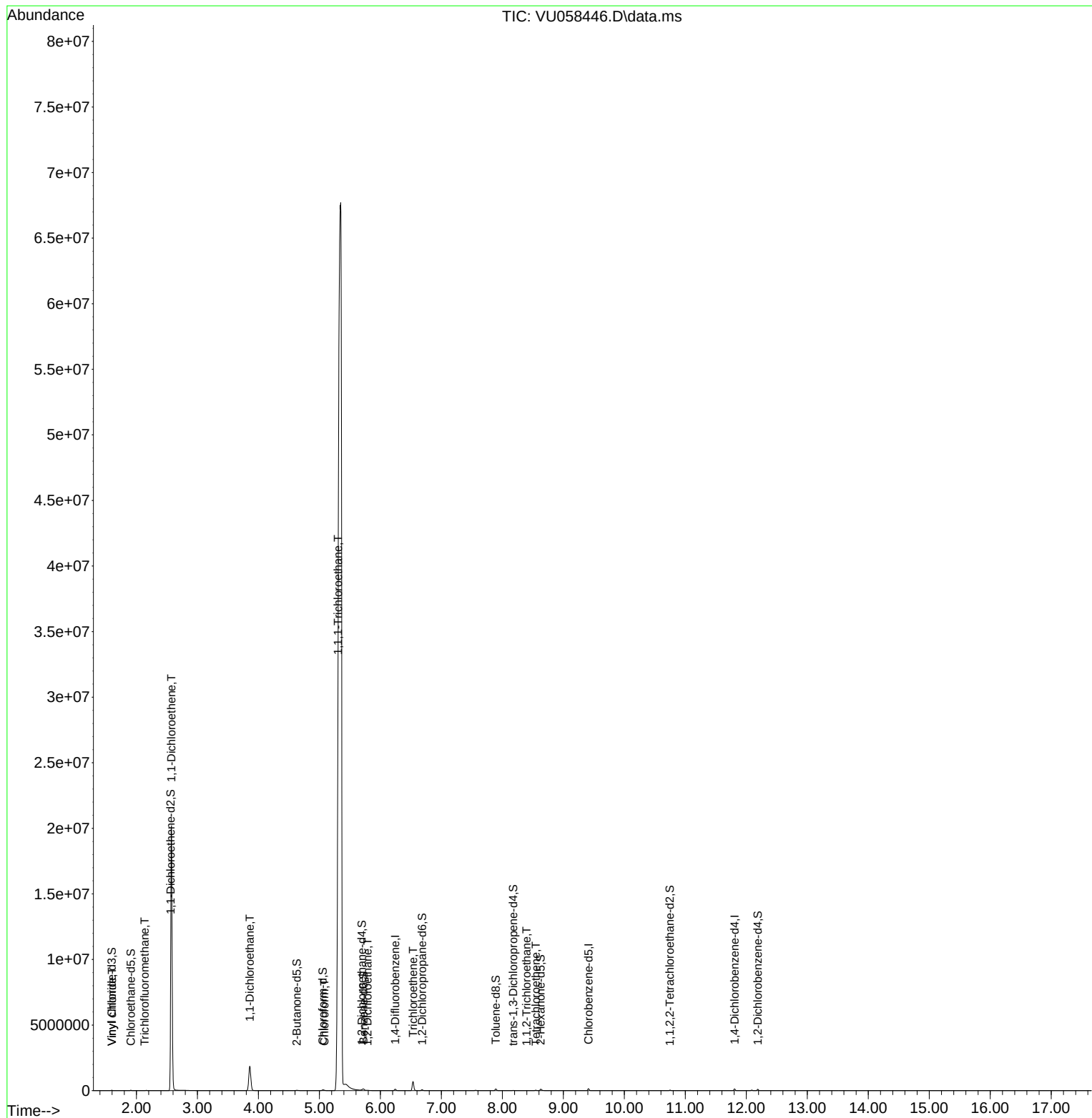
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058446.D
Acq On : 06 Apr 2024 02:09
Operator : MD/SY
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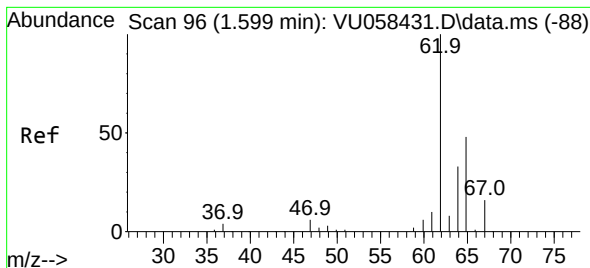
Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

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Supervised By :Semsettin Yesilyurt 04/08/2024

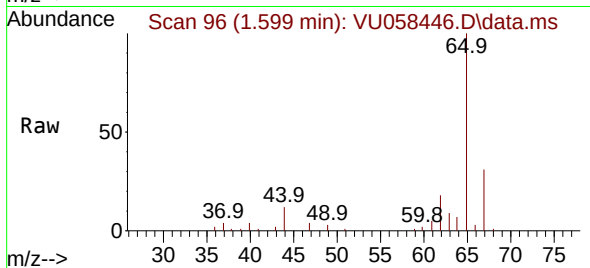
Quant Time: Apr 06 06:00:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 0.371 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

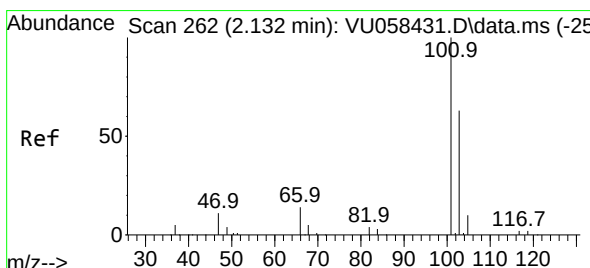
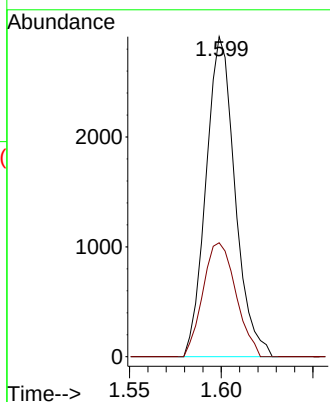
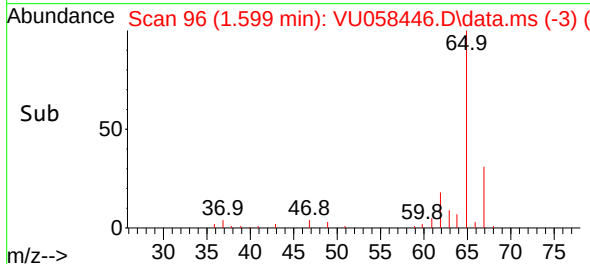
Instrument :
MSVOA_U
ClientSampleId :
C0AJ0



Tgt Ion: 62 Resp: 3198
Ion Ratio Lower Upper
62 100
64 35.6 22.6 42.0

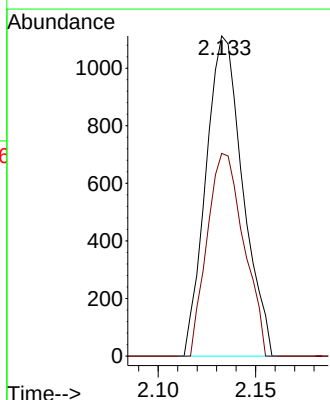
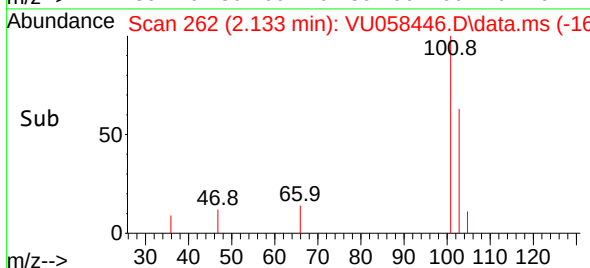
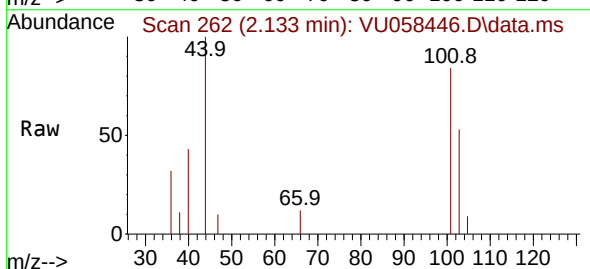
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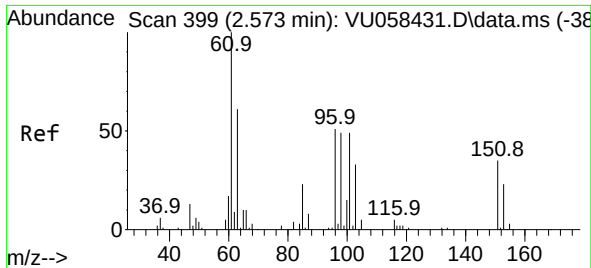
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#9
Trichlorofluoromethane
Concen: 0.129 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

Tgt Ion:101 Resp: 1467
Ion Ratio Lower Upper
101 100
103 62.7 51.2 76.8





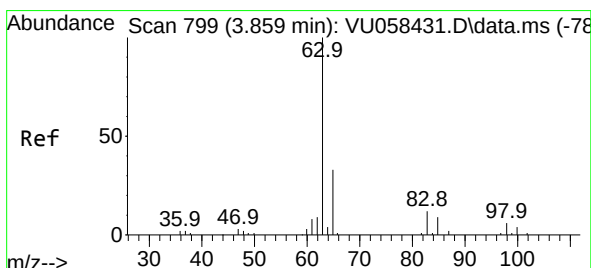
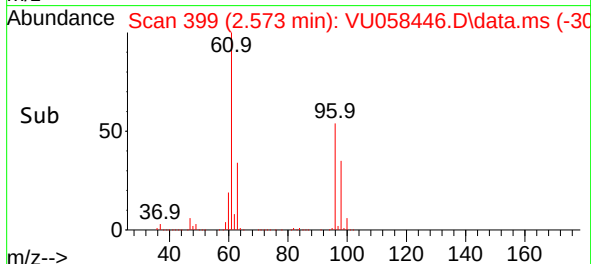
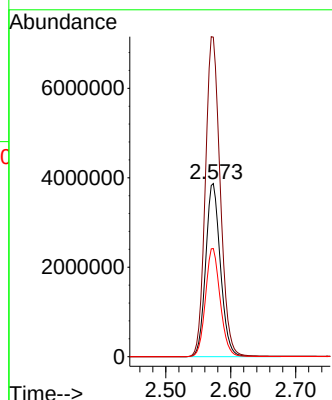
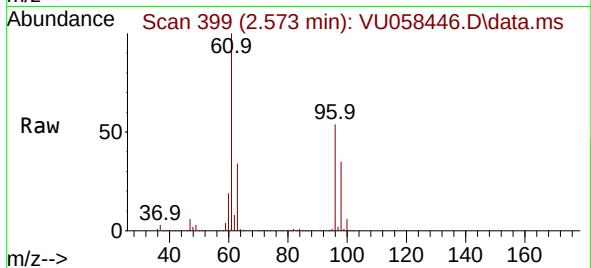
#12
1,1-Dichloroethene
Concen: 1019.257 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Tgt Ion: 96 Resp: 612000
Ion Ratio Lower Upper
96 100
61 184.5 132.5 246.1
63 62.5 87.7 162.9

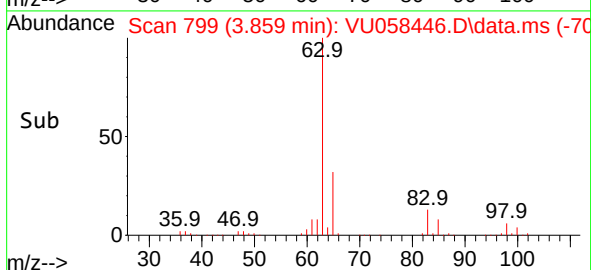
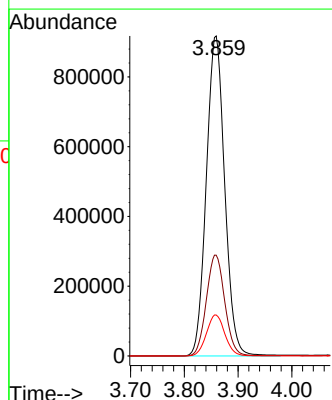
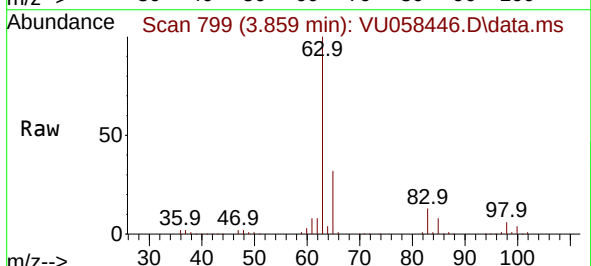
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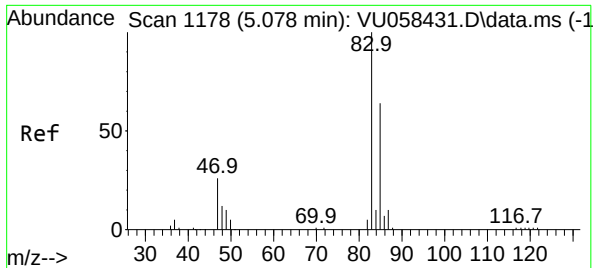
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#19
1,1-Dichloroethane
Concen: 158.793 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

Tgt Ion: 63 Resp: 2181101
Ion Ratio Lower Upper
63 100
65 31.5 22.9 42.5
83 12.8 9.6 17.8





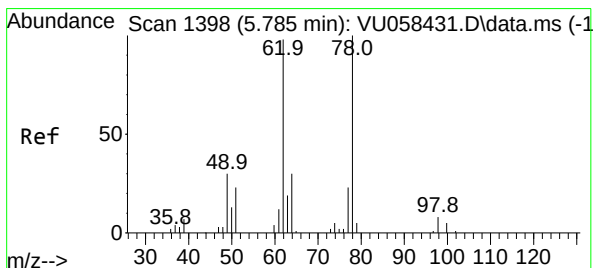
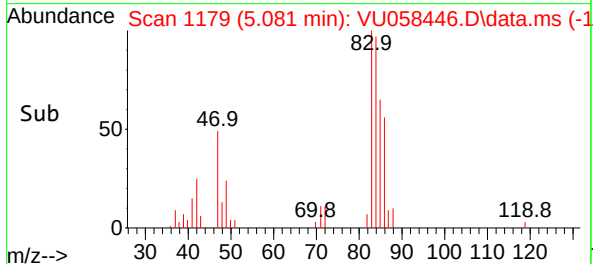
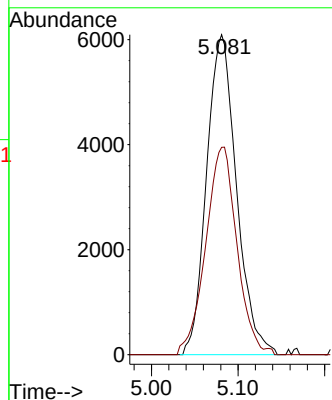
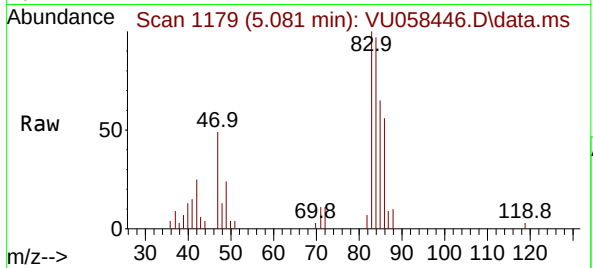
#25
Chloroform
Concen: 1.101 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

Instrument :
MSVOA_U
ClientSampleId :
C0AJ0

Tgt Ion: 83 Resp: 1463
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1

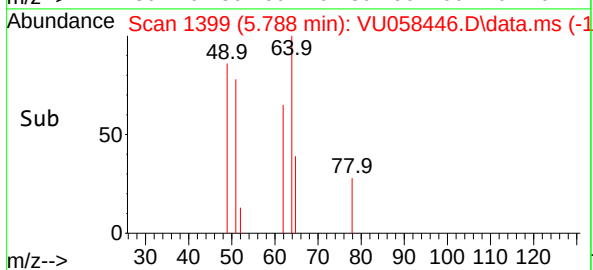
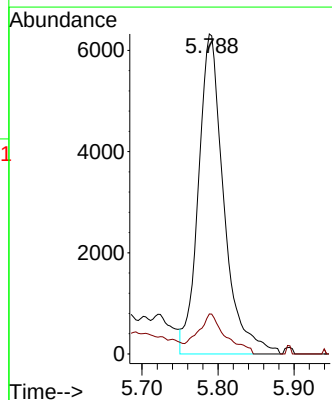
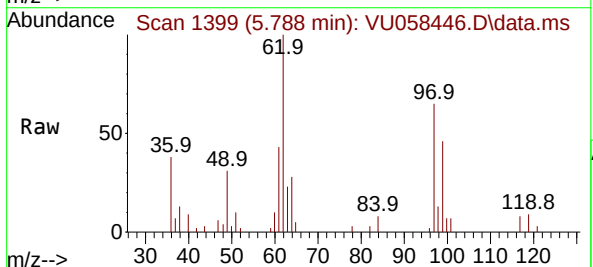
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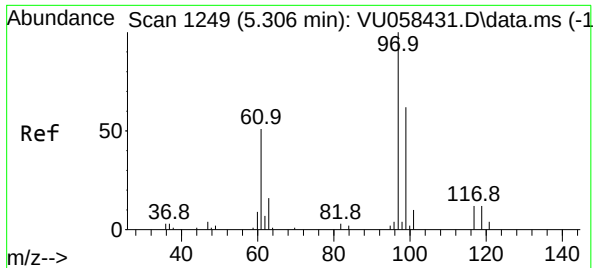
Reviewed By :Mahesh Dadoda 04/08/2024
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#27
1,2-Dichloroethane
Concen: 1.814 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

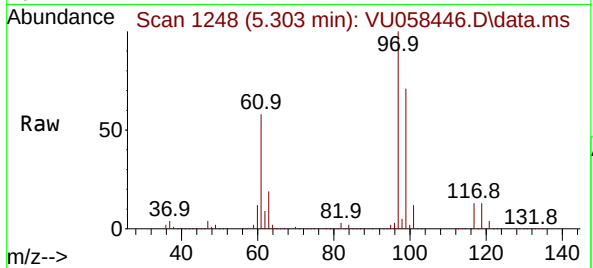
Tgt Ion: 62 Resp: 14687
Ion Ratio Lower Upper
62 100
98 12.5 7.0 10.4#





#29
1,1,1-Trichloroethane
Concen: 3812.138 ug/L m
RT: 5.303 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

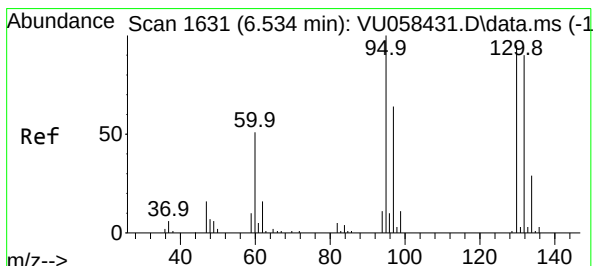
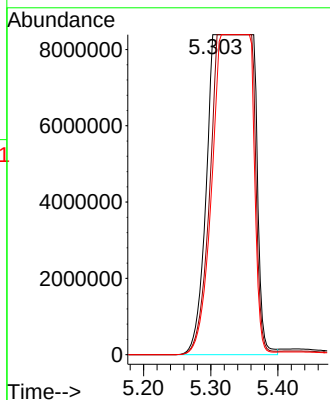
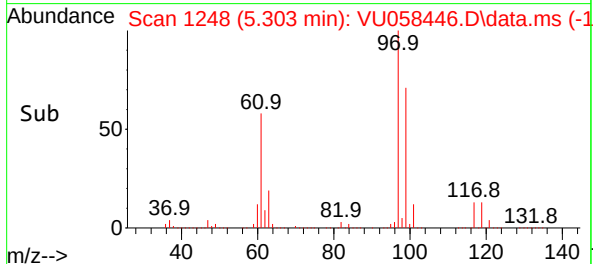
Instrument :
MSVOA_U
ClientSampleId :
C0AJ0



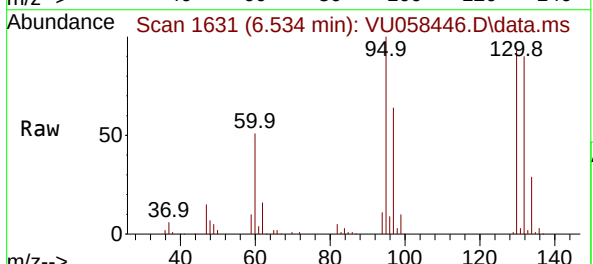
Tgt Ion: 97 Resp: 40531240
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6
61 0.0 39.4 59.0

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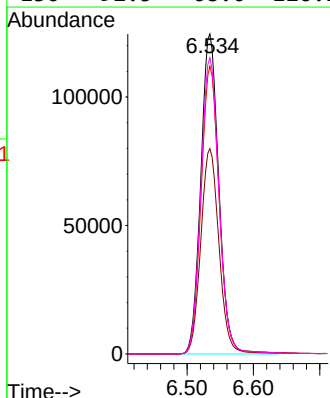
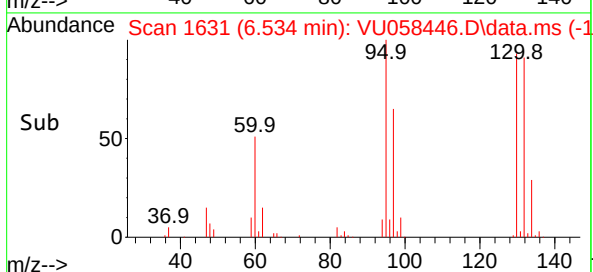
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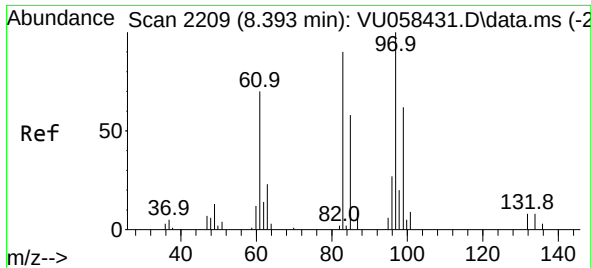


#34
Trichloroethene
Concen: 32.466 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09



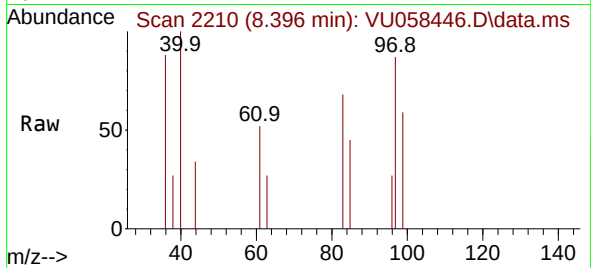
Tgt Ion: 95 Resp: 235248
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.6
132 89.9 64.8 120.3
130 92.5 68.0 126.2





#45
1,1,2-Trichloroethane
Concen: 0.185 ug/L
RT: 8.396 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

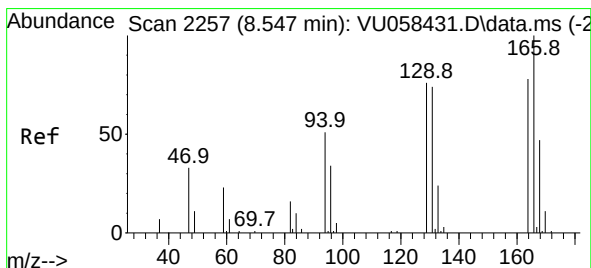
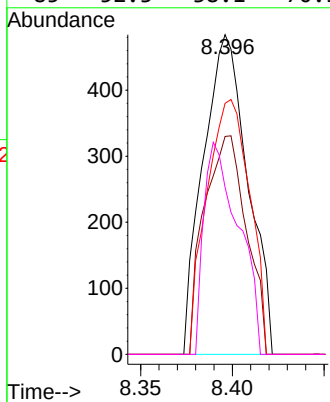
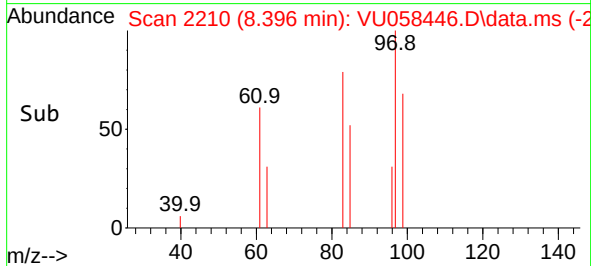
Instrument :
MSVOA_U
ClientSampleId :
C0AJ0



Tgt Ion: 97 Resp: 819
Ion Ratio Lower Upper
97 100
99 68.2 43.7 81.1
83 78.5 64.5 119.7
85 52.3 38.1 70.9

Manual Integrations
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#47
Tetrachloroethene
Concen: 1.377 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058446.D
Acq: 06 Apr 2024 02:09

Tgt Ion:164 Resp: 7314
Ion Ratio Lower Upper
164 100
129 101.3 67.3 125.1
131 97.6 65.5 121.6
166 141.5 89.5 166.1

