

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058395.D
 Acq On : 05 Apr 2024 03:05
 Operator : MD/SY
 Sample : P1970-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 05:16:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28534	5.014	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5	1.907	69	25040	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.560	65	17696	6.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	137.400%#	
20) 2-Butanone-d5	4.631	46	63492	52.938	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.880%	
24) Chloroform-d	5.052	84	58123	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.692	65	28092	5.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.721	84	115296	5.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.682	67	37255	5.335	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.891	98	99920	5.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
43) trans-1,3-Dichloroprop...	8.177	79	11217	5.175	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.600%	
46) 2-Hexanone-d5	8.627	63	44966	50.298	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.600%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23826	4.833	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	30902	5.125	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
5) Vinyl chloride	1.602	62	2483	0.284	ug/L	87
9) Trichlorofluoromethane	2.136	101	2118	0.183	ug/L	97
12) 1,1-Dichloroethene	2.570	96	11001270	1805.823	ug/L #	50
13) Acetone	2.647	43	4361	4.260	ug/L	95
19) 1,1-Dichloroethane	3.859	63	826743	59.323	ug/L	98
25) Chloroform	5.081	83	9376	0.695	ug/L	96
27) 1,2-Dichloroethane	5.788	62	12152	1.479	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	22321431m	2013.067	ug/L	
34) Trichloroethene	6.534	95	168728	22.328	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	959	0.208	ug/L	96
47) Tetrachloroethene	8.547	164	20074	3.624	ug/L	99

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

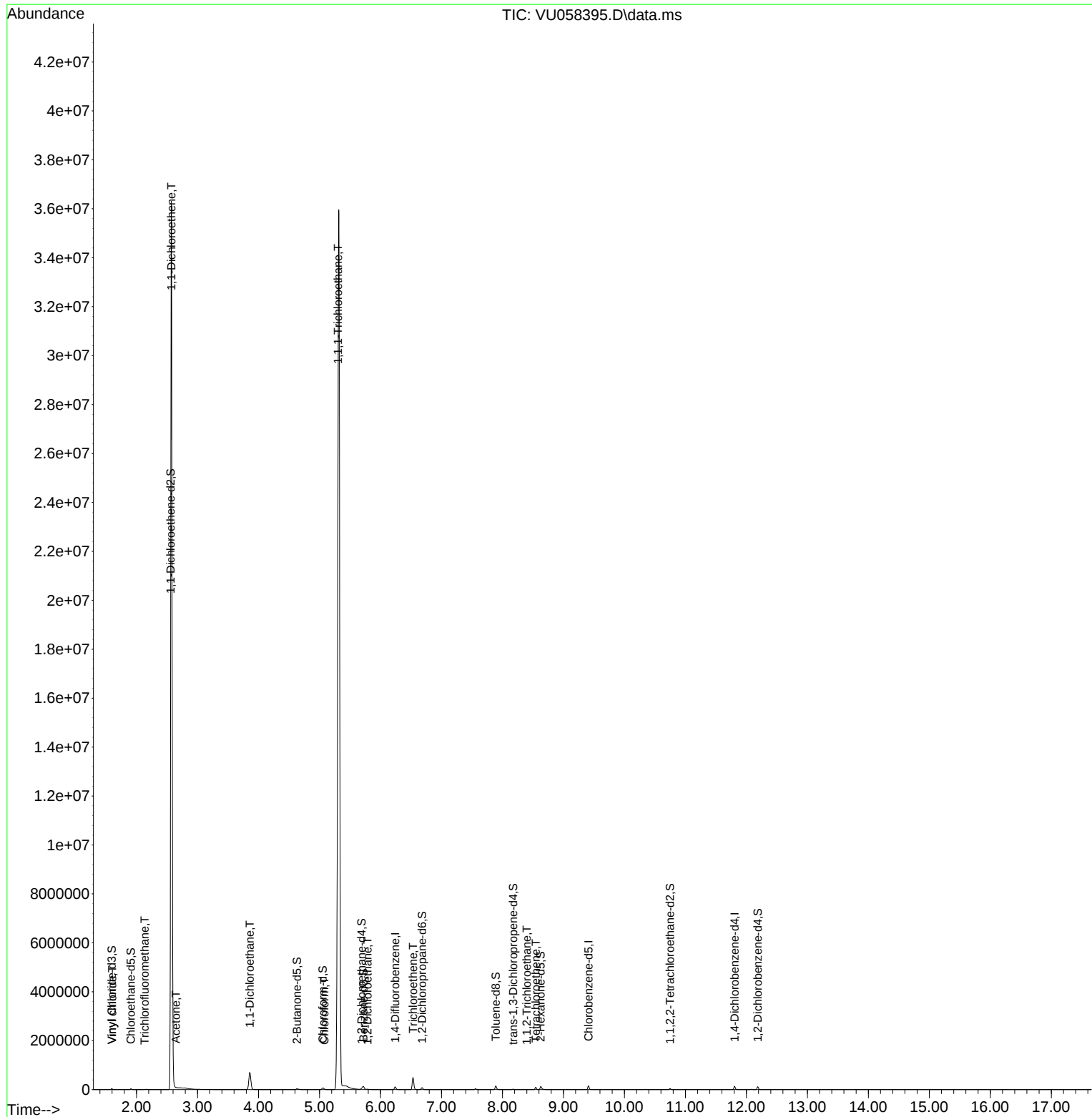
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058395.D
Acq On : 05 Apr 2024 03:05
Operator : MD/SY
Sample : P1970-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

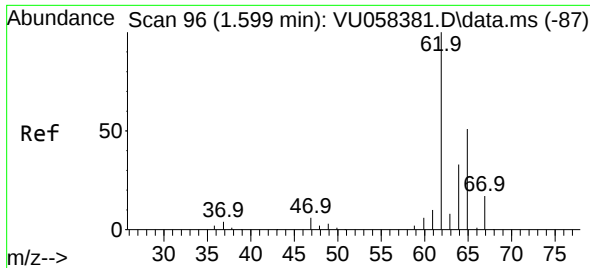
Instrument :
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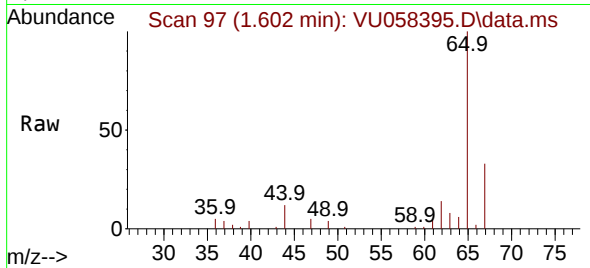
Quant Time: Apr 05 05:16:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 0.284 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

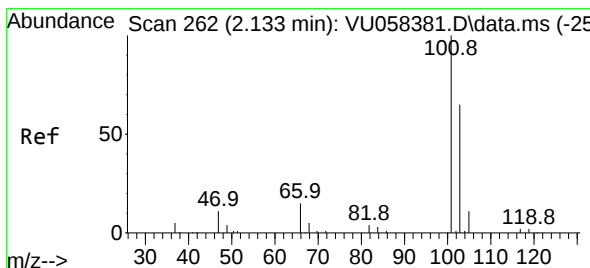
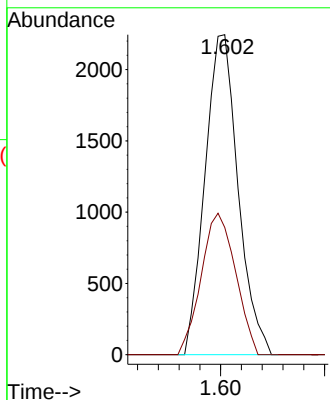
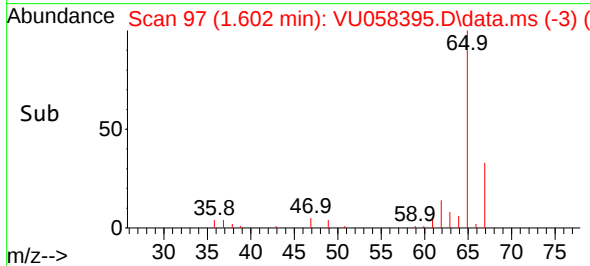
Instrument :
MSVOA_U
ClientSampleId :
C0AJ9



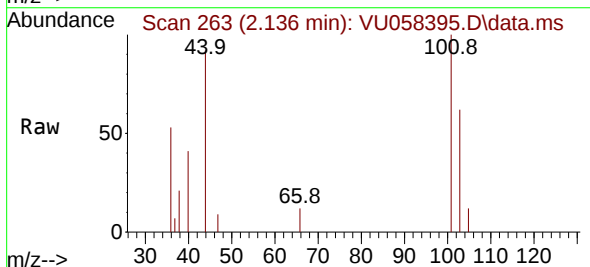
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Ion Ratio Lower Upper
62 100
64 39.8 22.6 42.0

Manual Integrations
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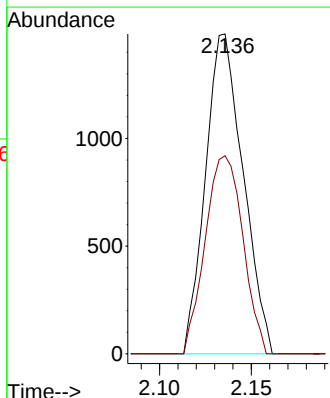
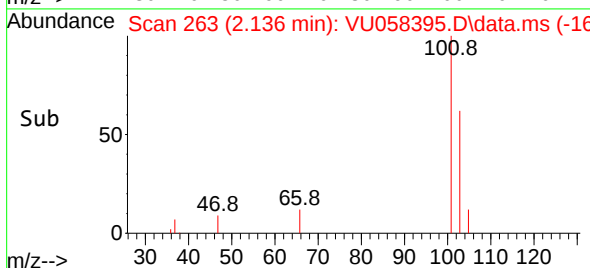
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

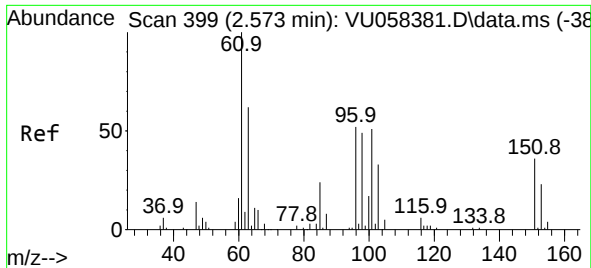


#9
Trichlorofluoromethane
Concen: 0.183 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05



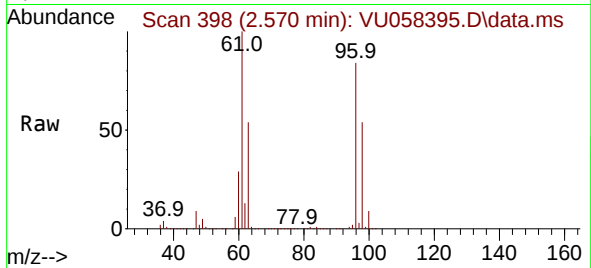
Tgt Ion:101 Resp: 2118
Ion Ratio Lower Upper
101 100
103 61.9 51.2 76.8





#12
1,1-Dichloroethene
Concen: 1805.823 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

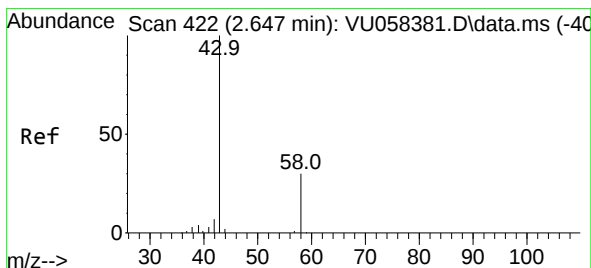
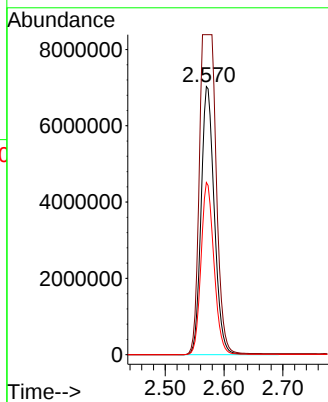
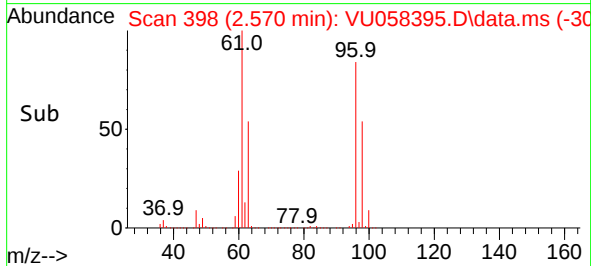
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 11001270
Ion Ratio Lower Upper
96 100
61 119.4 132.5 246.1
63 64.2 87.7 162.9

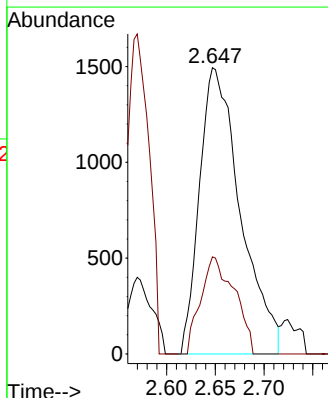
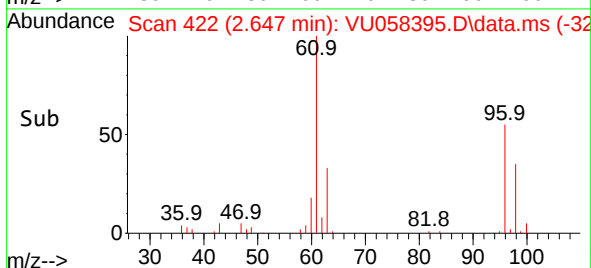
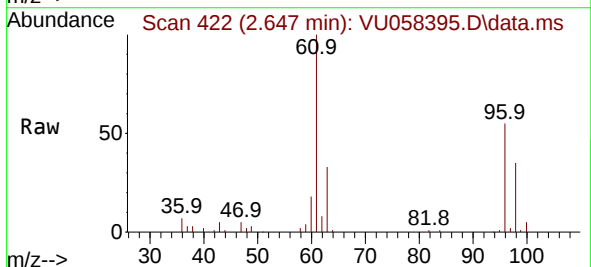
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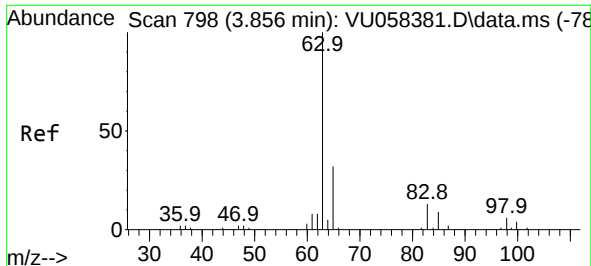
Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



#13
Acetone
Concen: 4.260 ug/L
RT: 2.647 min Scan# 422
Delta R.T. -0.000 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
58 28.0 0.0 61.4





#19

1,1-Dichloroethane

Concen: 59.323 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058395.D

Acq: 05 Apr 2024 03:05

Instrument :

MSVOA_U

ClientSampleId :

C0AJ9

Tgt Ion: 63 Resp: 82674

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

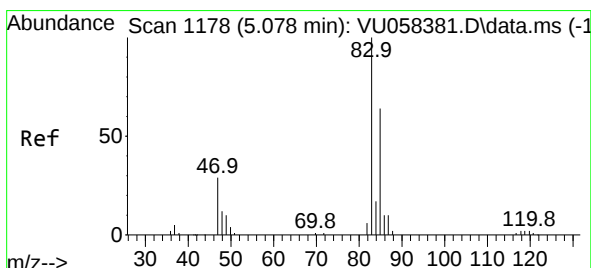
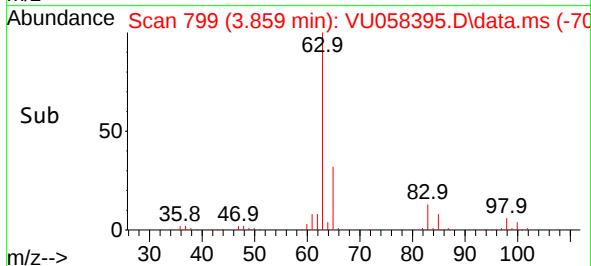
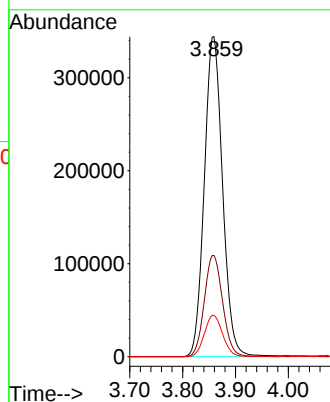
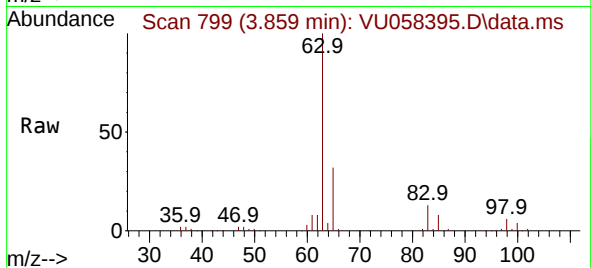
83 13.0 9.6 17.8

Manual Integrations

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#25

Chloroform

Concen: 0.695 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058395.D

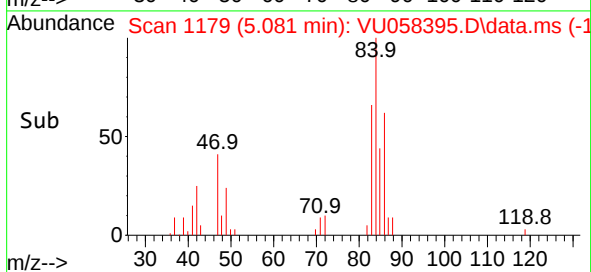
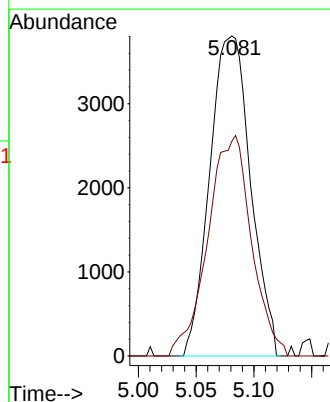
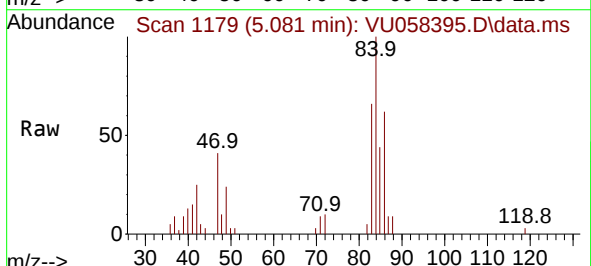
Acq: 05 Apr 2024 03:05

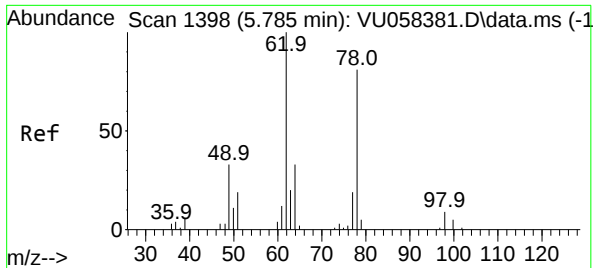
Tgt Ion: 83 Resp: 9376

Ion Ratio Lower Upper

83 100

85 67.1 44.7 83.1





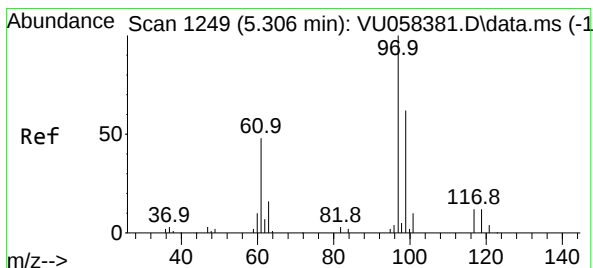
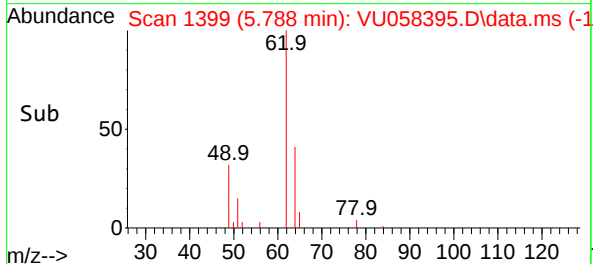
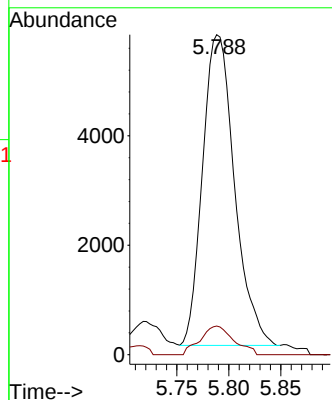
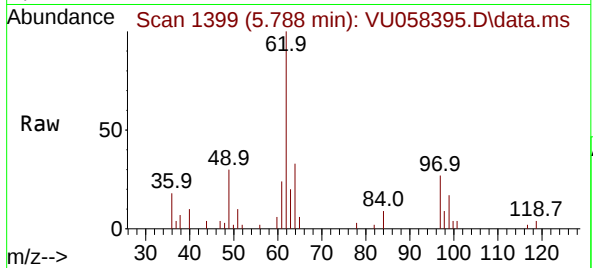
#27
1,2-Dichloroethane
Concen: 1.479 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

Instrument :
MSVOA_U
ClientSampleId :
C0AJ9

Tgt Ion: 62 Resp: 1215
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4

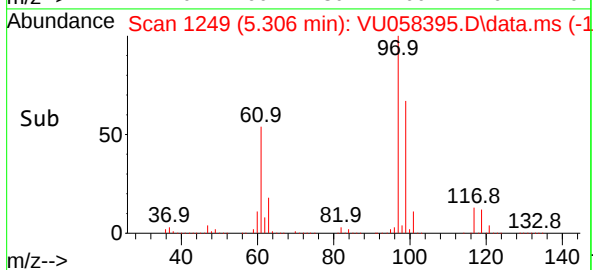
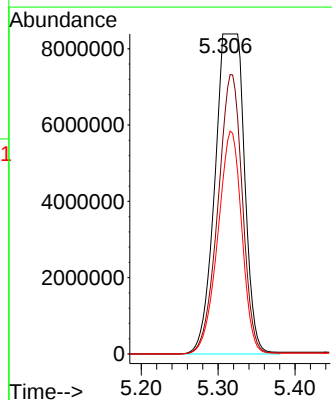
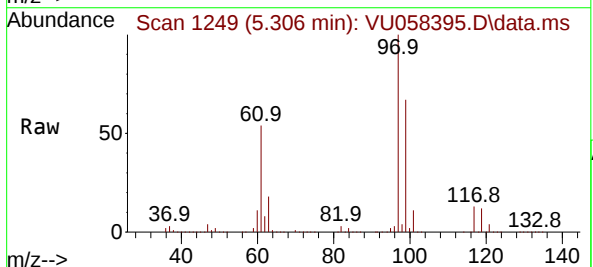
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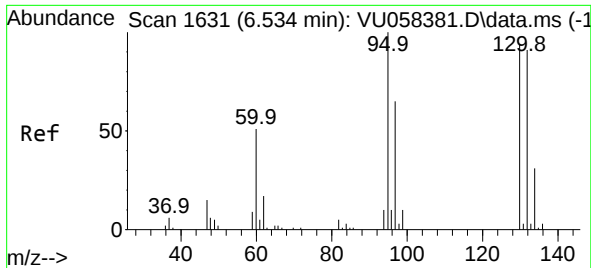
Reviewed By :Mahesh Dadoda 04/05/2024
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#29
1,1,1-Trichloroethane
Concen: 2013.067 ug/L m
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

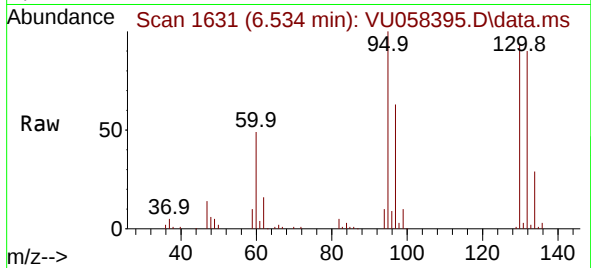
Tgt Ion: 97 Resp:22321431
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 0.0 39.4 59.0#





#34
Trichloroethene
Concen: 22.328 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

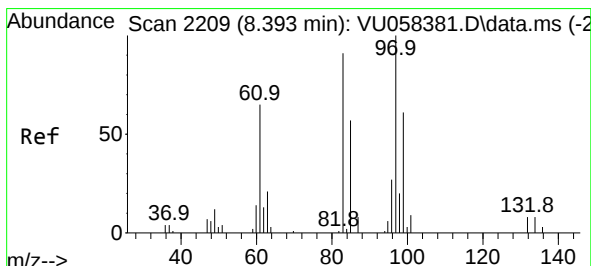
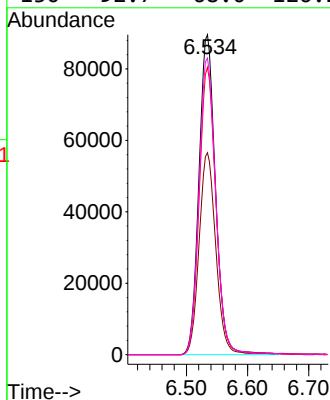
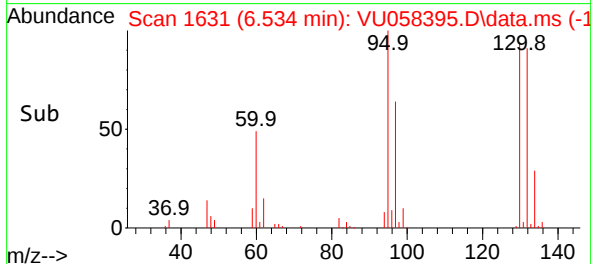
Instrument :
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ClientSampleId :
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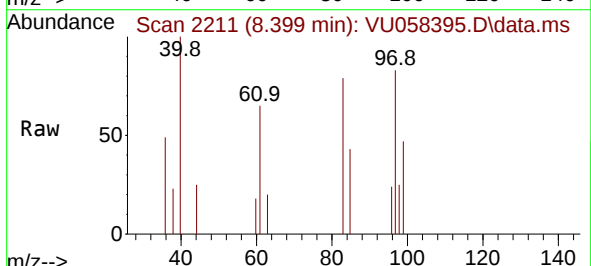
Tgt Ion: 95 Resp: 168728
Ion Ratio Lower Upper
95 100
97 63.1 45.6 84.6
132 89.8 64.8 120.3
130 92.7 68.0 126.2

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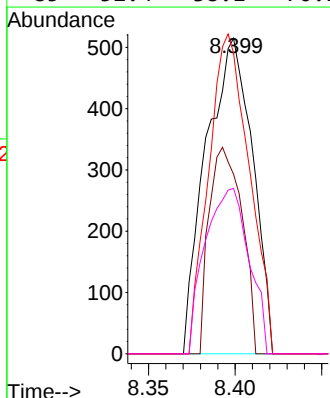
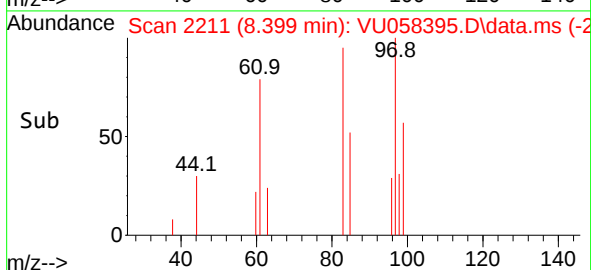
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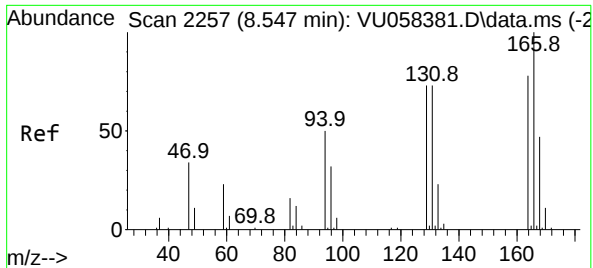


#45
1,1,2-Trichloroethane
Concen: 0.208 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05



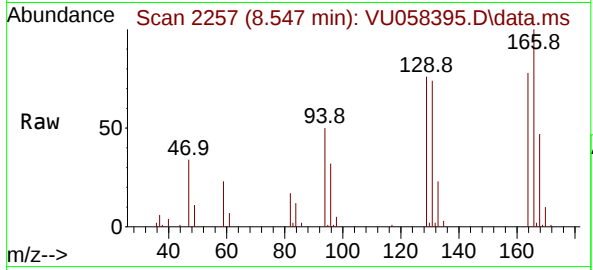
Tgt Ion: 97 Resp: 959
Ion Ratio Lower Upper
97 100
99 56.9 43.7 81.1
83 95.3 64.5 119.7
85 52.4 38.1 70.9





#47
Tetrachloroethene
Concen: 3.624 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058395.D
Acq: 05 Apr 2024 03:05

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164	Resp:	20074
Ion Ratio	Lower	Upper
164	100	
129	97.9	67.3 125.1
131	95.1	65.5 121.6
166	128.9	89.5 166.1

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