

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056150.D
 Acq On : 09 Nov 2023 19:16
 Operator : MD/SY
 Sample : 05339-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/10/2023

Quant Time: Nov 09 23:26:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	318802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	376250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	183000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	99939	5.050	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.901	69	83324	6.205	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.000%			
11) 1,1-Dichloroethene-d2	2.551	65	43718	5.015	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.200%			
20) 2-Butanone-d5	4.721	46	217924	67.129	ug/L	0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.260%#			
24) Chloroform-d	5.052	84	214829	5.703	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.000%			
26) 1,2-Dichloroethane-d4	5.698	65	102897	6.204	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.000%			
32) Benzene-d6	5.714	84	437227	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	6.685	67	142377	5.352	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.000%			
41) Toluene-d8	7.891	98	398559	4.813	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	8.177	79	46709	4.594	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.647	63	158305	47.501	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.000%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87743	4.622	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	152845	5.416	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.400%			
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	11195	0.546	ug/L #	1
17) Methyl tert-butyl Ether	3.374	73	27115	0.587	ug/L #	92
19) 1,1-Dichloroethane	3.849	63	9304	0.235	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	50173	2.141	ug/L	99
25) Chloroform	5.075	83	36571	0.867	ug/L	97
27) 1,2-Dichloroethane	5.792	62	10044	0.420	ug/L #	94
34) Trichloroethene	6.531	95	1338407	45.482	ug/L	96
47) Tetrachloroethene	8.547	164	17903	0.811	ug/L	97
48) 2-Hexanone	8.727	43	59615m	6.682	ug/L	

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

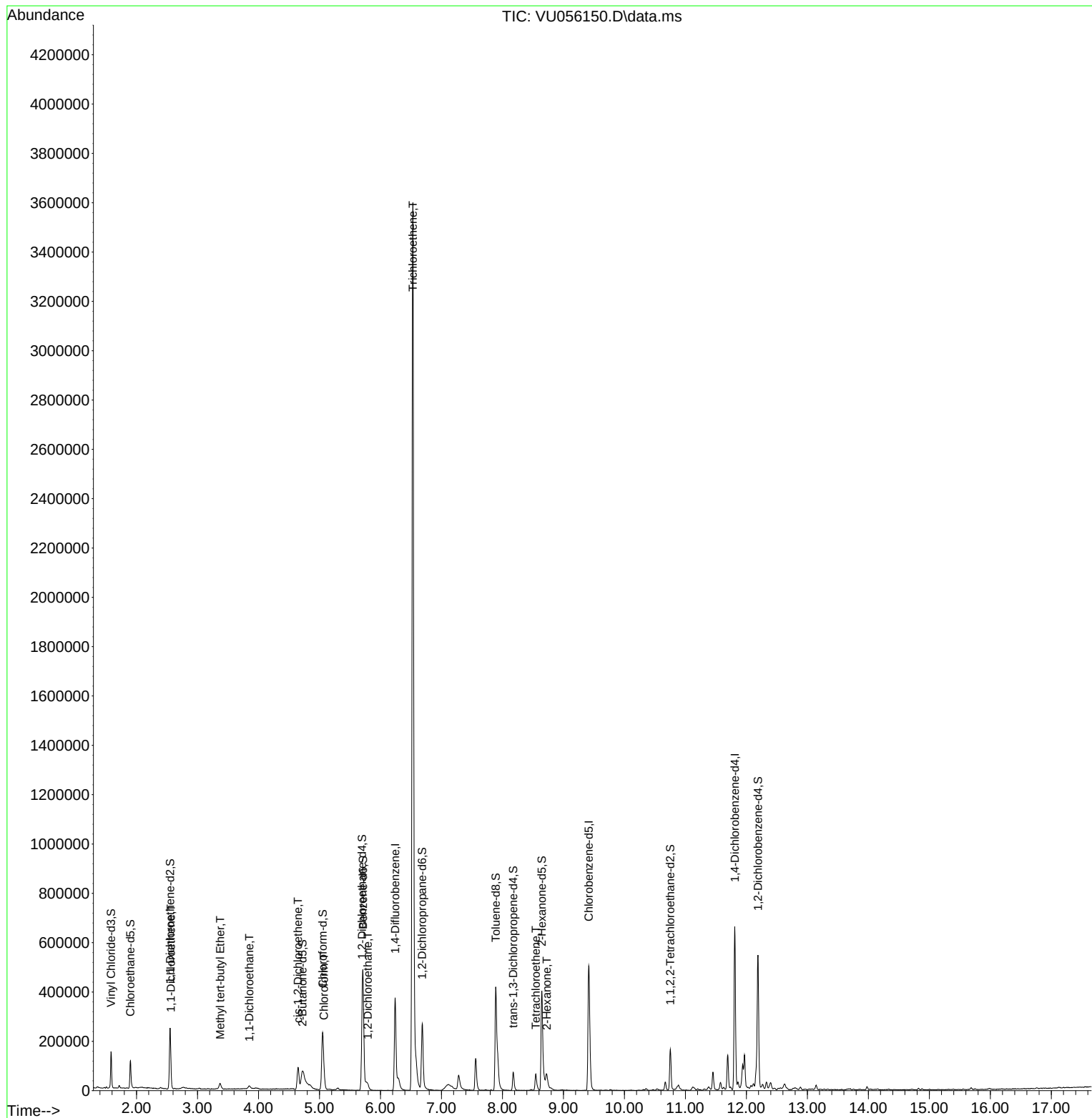
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056150.D
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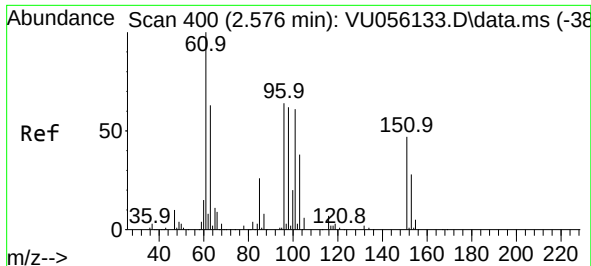
Instrument :
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Quant Time: Nov 09 23:26:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
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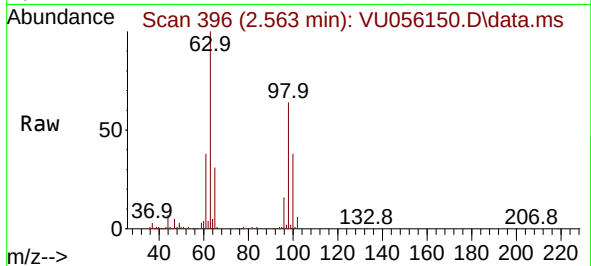
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023





#12
1,1-Dichloroethene
Concen: 0.546 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.013 min
Lab File: VU056150.D
Acq: 09 Nov 2023 19:16

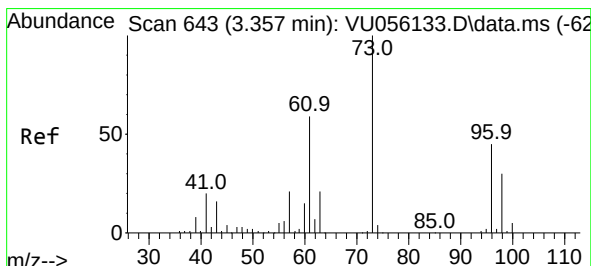
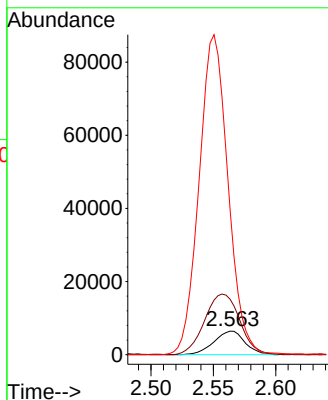
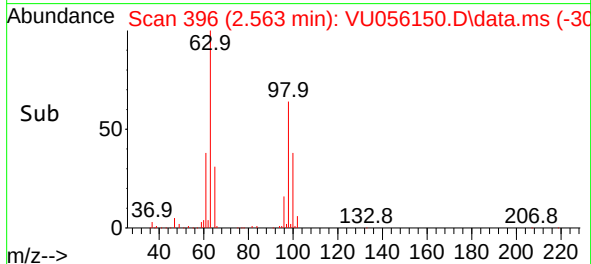
Instrument :
MSVOA_U
ClientSampleId :
GCDK3



Tgt Ion: 96 Resp: 1119
Ion Ratio Lower Upper
96 100
61 236.4 111.7 207.5
63 620.8 74.5 138.3

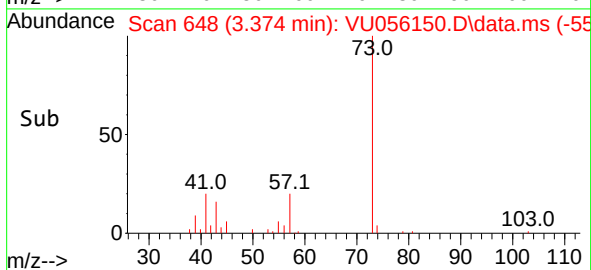
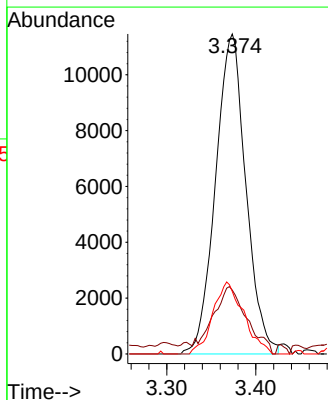
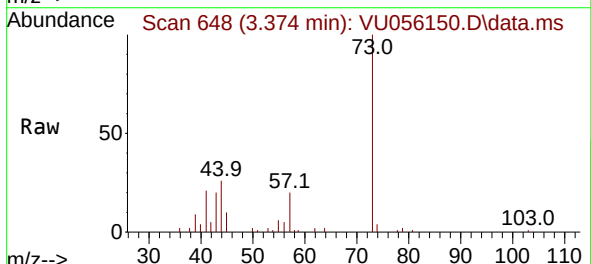
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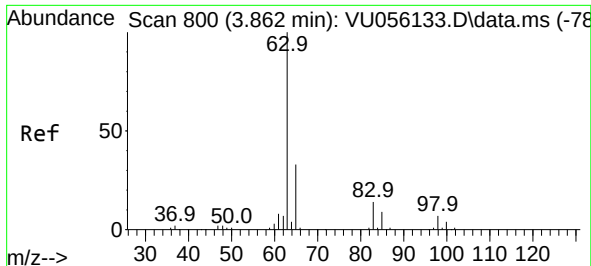
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#17
Methyl tert-butyl Ether
Concen: 0.587 ug/L
RT: 3.374 min Scan# 648
Delta R.T. 0.016 min
Lab File: VU056150.D
Acq: 09 Nov 2023 19:16

Tgt Ion: 73 Resp: 27115
Ion Ratio Lower Upper
73 100
43 23.7 13.6 20.4
57 22.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 0.235 ug/L

RT: 3.849 min Scan# 796

Delta R.T. -0.013 min

Lab File: VU056150.D

Acq: 09 Nov 2023 19:16

Instrument :

MSVOA_U

ClientSampleId :

GCDK3

Tgt Ion: 63 Resp: 9304

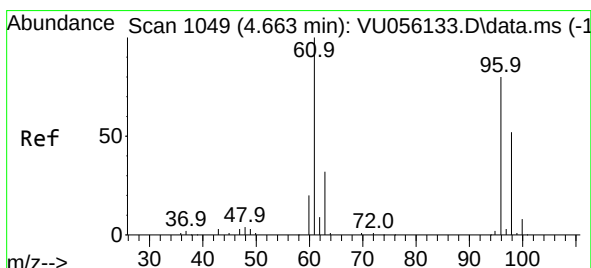
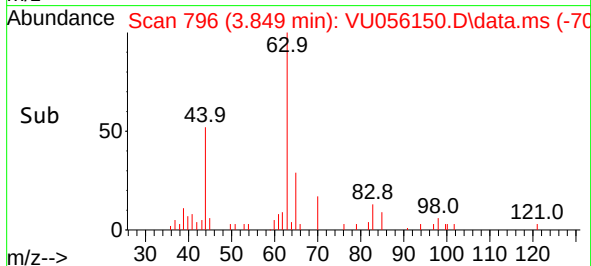
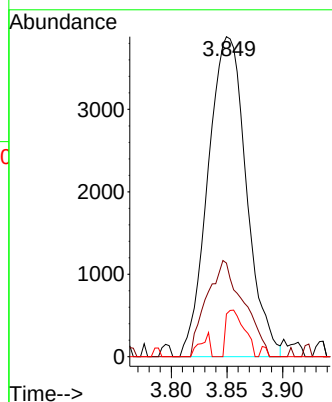
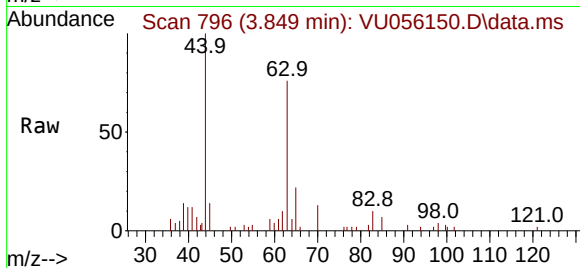
Ion	Ratio	Lower	Upper
63	100		
65	29.2	20.6	38.2
83	13.3	9.6	17.8

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#22

cis-1,2-Dichloroethene

Concen: 2.141 ug/L

RT: 4.650 min Scan# 1045

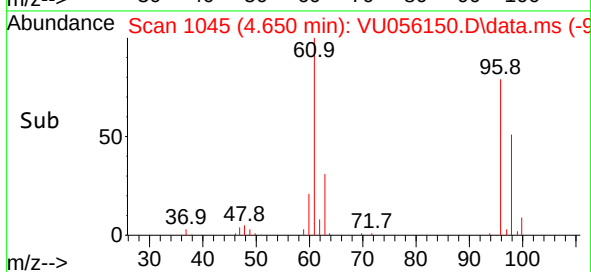
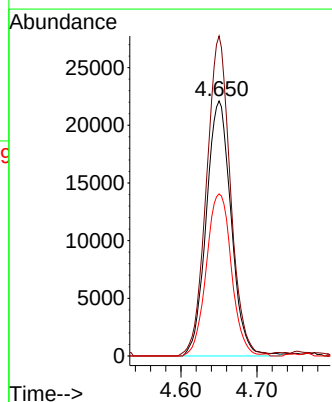
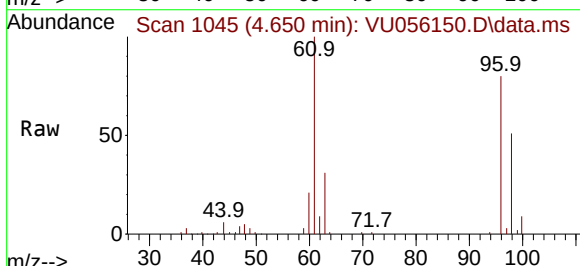
Delta R.T. -0.013 min

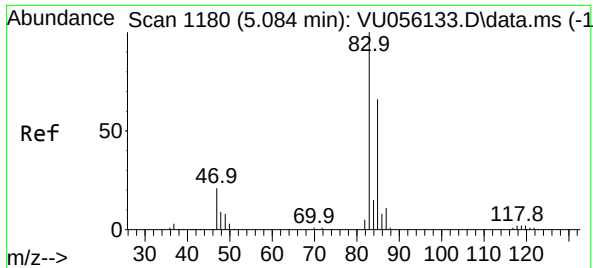
Lab File: VU056150.D

Acq: 09 Nov 2023 19:16

Tgt Ion: 96 Resp: 50173

Ion	Ratio	Lower	Upper
96	100		
61	125.5	87.8	163.2
98	63.5	43.5	80.7





#25

Chloroform

Concen: 0.867 ug/L

RT: 5.075 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU056150.D

Acq: 09 Nov 2023 19:16

Instrument :

MSVOA_U

ClientSampleId :

GCDK3

Tgt Ion: 83 Resp: 3657

Ion Ratio Lower Upper

83 100

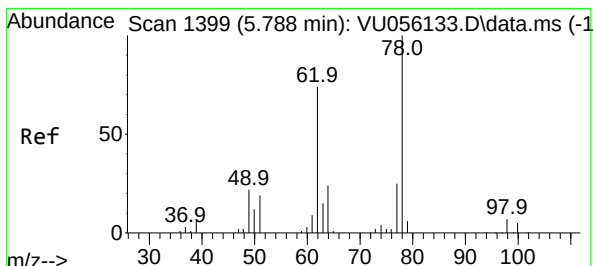
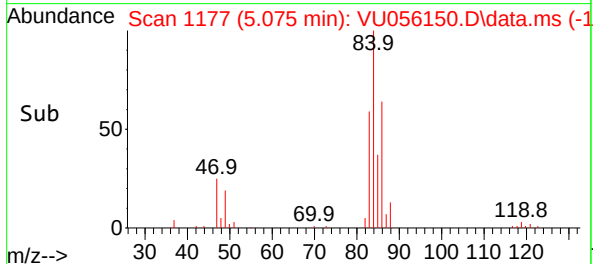
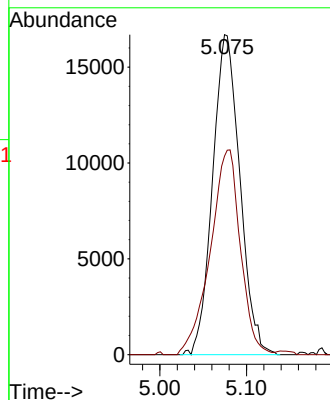
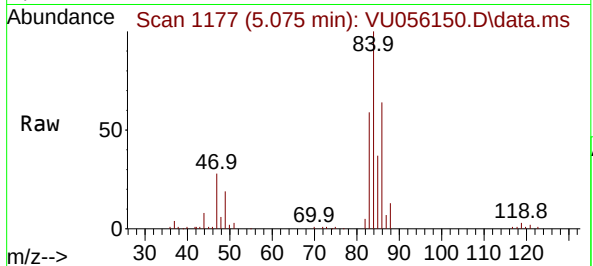
85 62.0 45.3 84.1

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#27

1,2-Dichloroethane

Concen: 0.420 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU056150.D

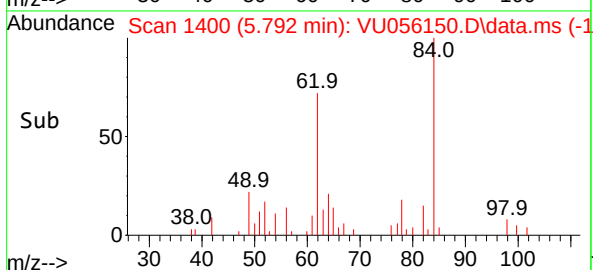
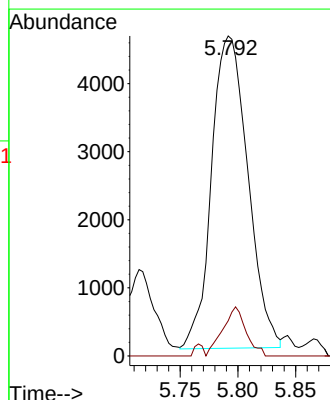
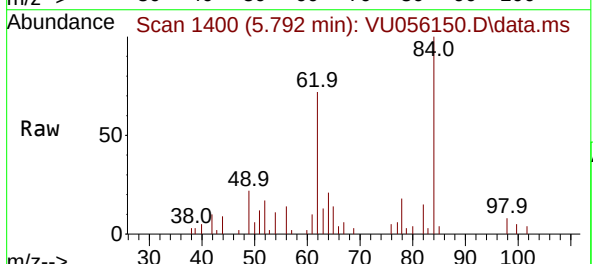
Acq: 09 Nov 2023 19:16

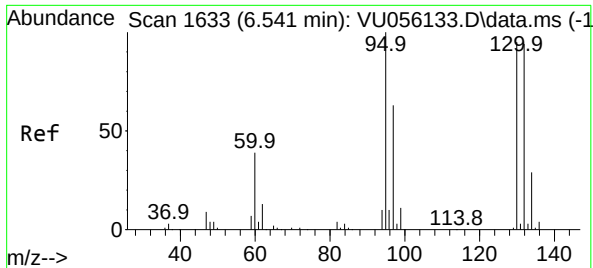
Tgt Ion: 62 Resp: 10044

Ion Ratio Lower Upper

62 100

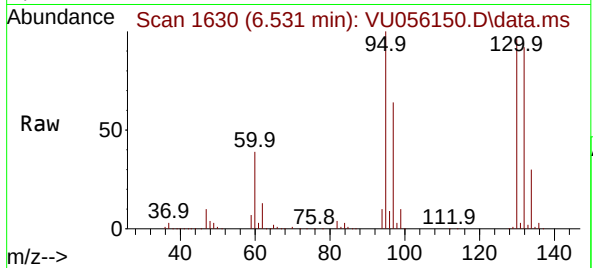
98 11.0 7.1 10.7#





#34
Trichloroethene
Concen: 45.482 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.010 min
Lab File: VU056150.D
Acq: 09 Nov 2023 19:16

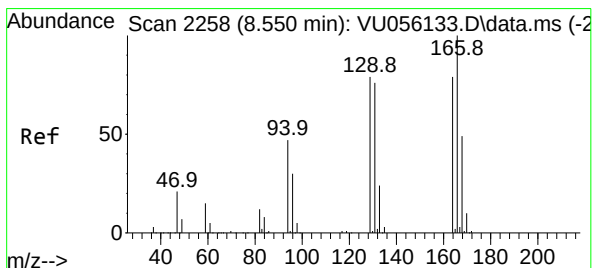
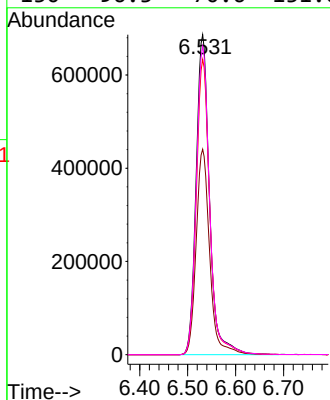
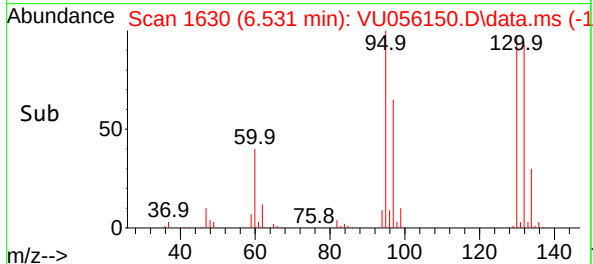
Instrument :
MSVOA_U
ClientSampleId :
GCDK3



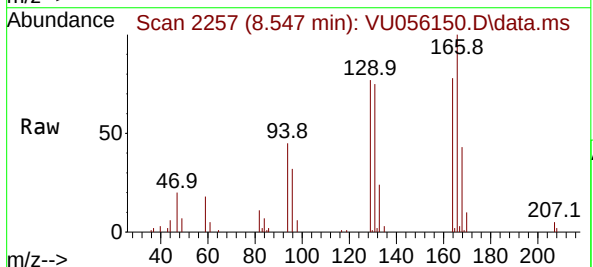
Tgt Ion: 95 Resp: 133840
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 92.3 66.5 123.5
130 96.3 70.6 131.0

Manual Integrations
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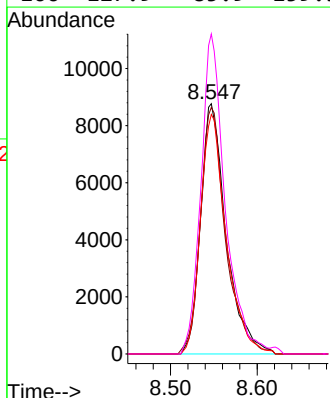
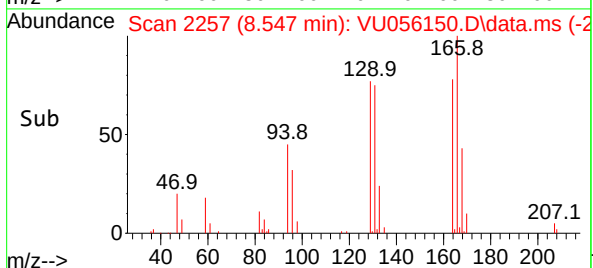
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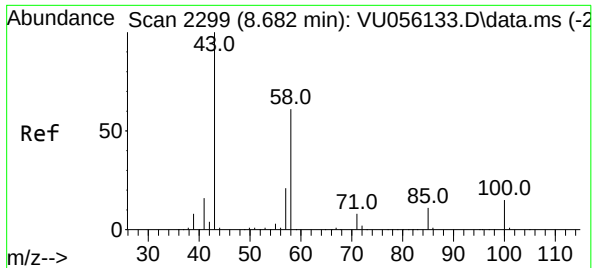


#47
Tetrachloroethene
Concen: 0.811 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056150.D
Acq: 09 Nov 2023 19:16



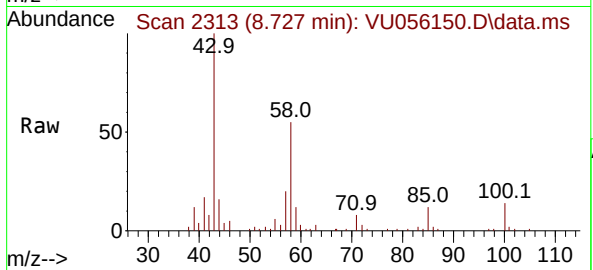
Tgt Ion:164 Resp: 17903
Ion Ratio Lower Upper
164 100
129 98.5 66.6 123.8
131 95.7 67.8 126.0
166 127.9 85.9 159.5





#48
 2-Hexanone
 Concen: 6.682 ug/L m
 RT: 8.727 min Scan# 21
 Delta R.T. 0.045 min
 Lab File: VU056150.D
 Acq: 09 Nov 2023 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDK3



Tgt Ion: 43	Resp: 5961
Ion Ratio	Lower Upper
43	100
58	12.6 52.0 78.0
57	11.7 17.4 26.2
100	0.8 11.0 16.6

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