

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061004.D
 Acq On : 25 Sep 2024 15:08
 Operator : MD/SY
 Sample : P4186-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY072

Quant Time: Sep 26 05:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

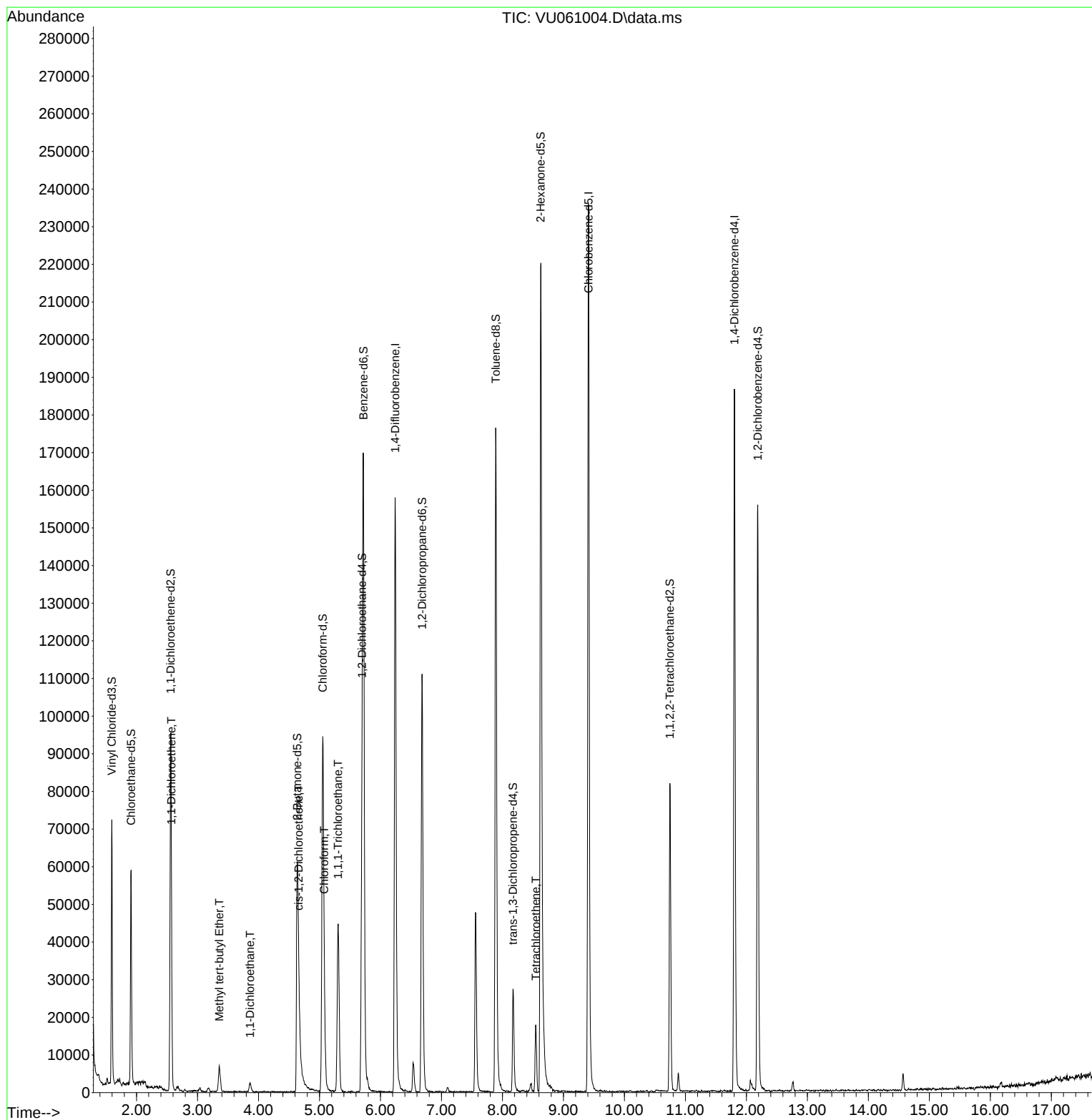
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131772	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49024	4.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.911	69	42191	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.560	65	17970	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.634	46	108447	56.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.000%
24) Chloroform-d	5.055	84	90073	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.698	65	45459	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	163526	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	58328	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	129089	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	17762	4.280	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	79598	48.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44025	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46690	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	3224	0.389	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	7131	0.381	ug/L	96
19) 1,1-Dichloroethane	3.862	63	3312	0.192	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	1278	0.134	ug/L #	74
25) Chloroform	5.078	83	12322	0.685	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	33642	2.242	ug/L	96
47) Tetrachloroethene	8.547	164	4294	0.539	ug/L	98

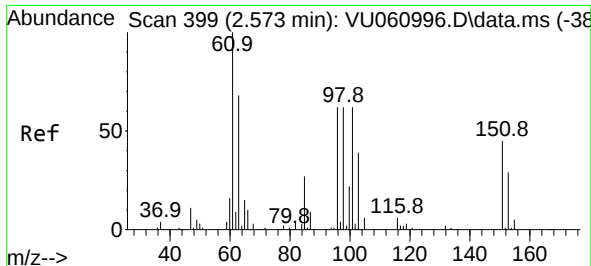
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.389 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Instrument :

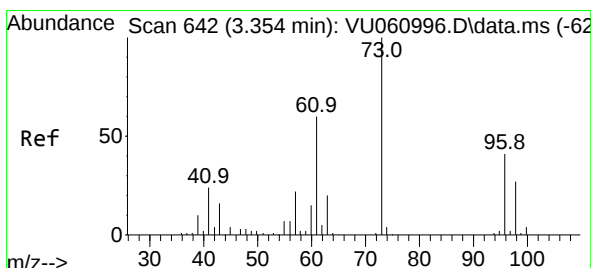
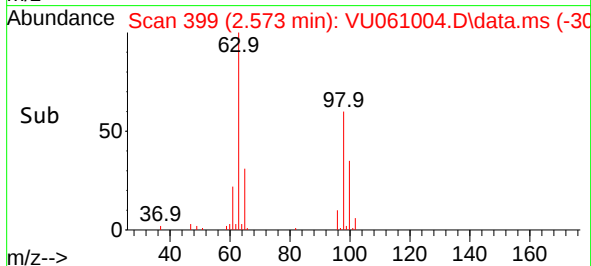
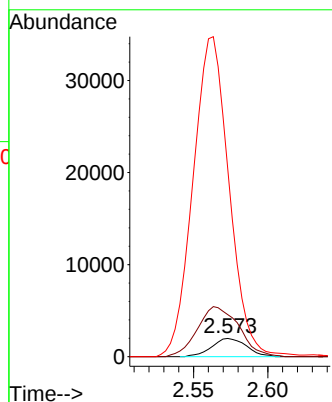
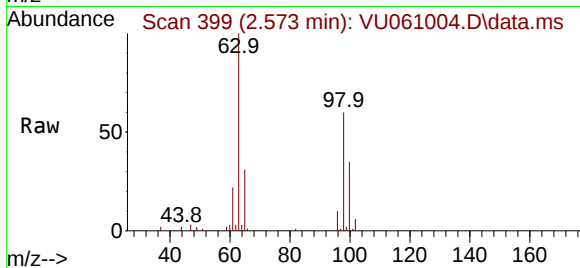
MSVOA_U

ClientSampleId :

EY072

Tgt Ion: 96 Resp: 3224

Ion	Ratio	Lower	Upper
96	100		
61	229.7	120.7	224.1#
63	1027.2	90.0	167.2#



#17

Methyl tert-butyl Ether

Concen: 0.381 ug/L

RT: 3.357 min Scan# 643

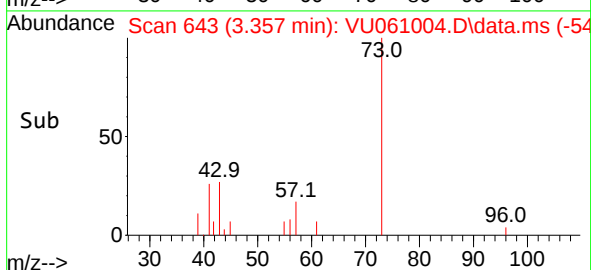
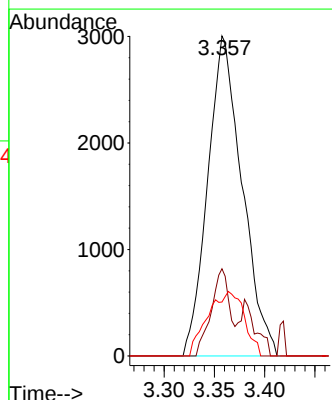
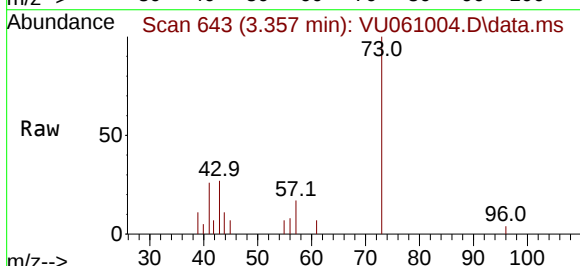
Delta R.T. 0.003 min

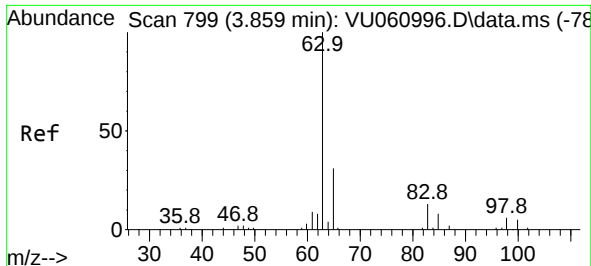
Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Tgt Ion: 73 Resp: 7131

Ion	Ratio	Lower	Upper
73	100		
43	14.7	13.8	20.8
57	21.4	18.0	27.0





#19

1,1-Dichloroethane

Concen: 0.192 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

EY072

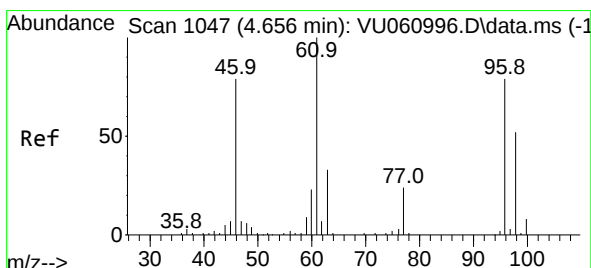
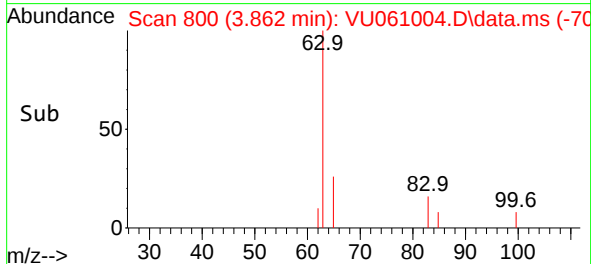
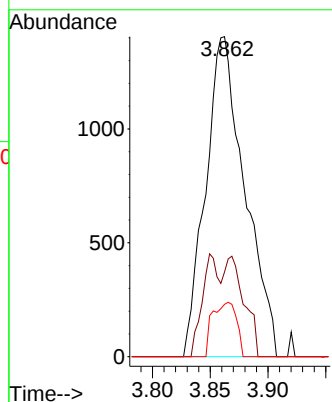
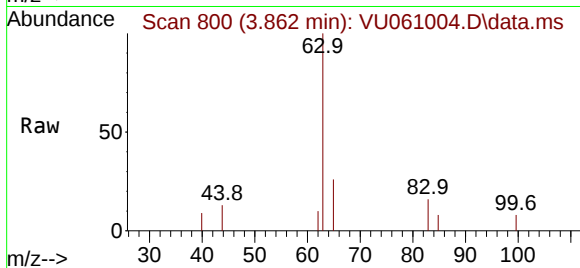
Tgt Ion: 63 Resp: 3312

Ion Ratio Lower Upper

63 100

65 26.5 23.0 42.8

83 16.4 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061004.D

Acq: 25 Sep 2024 15:08

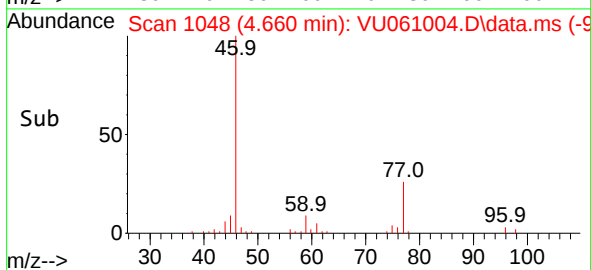
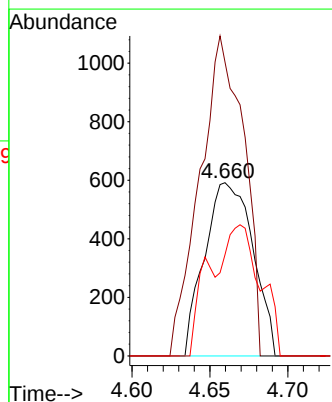
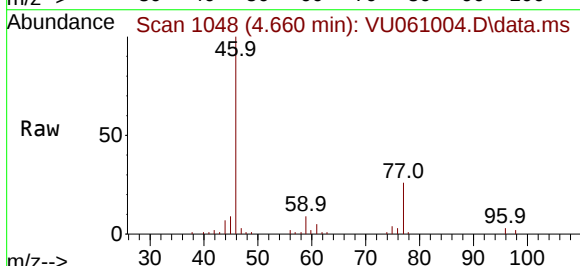
Tgt Ion: 96 Resp: 1278

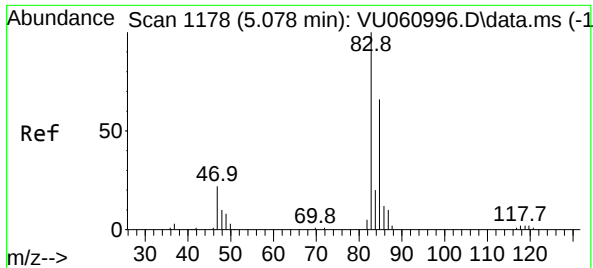
Ion Ratio Lower Upper

96 100

61 169.6 89.7 166.5#

98 58.4 45.1 83.9

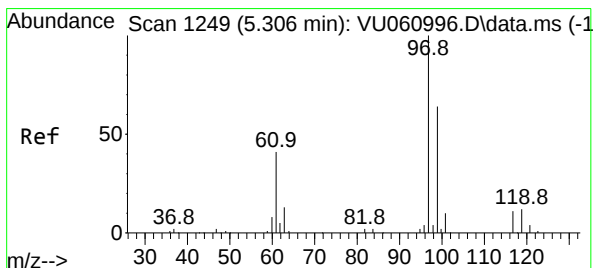
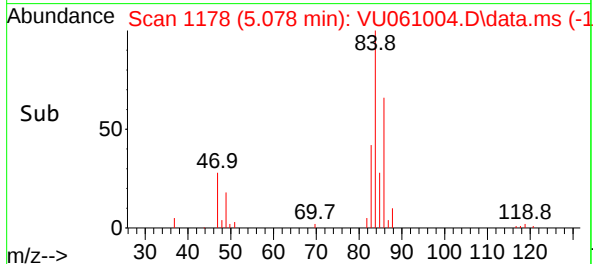
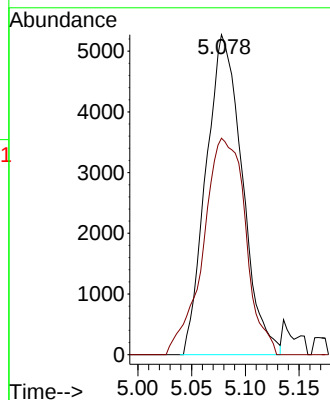
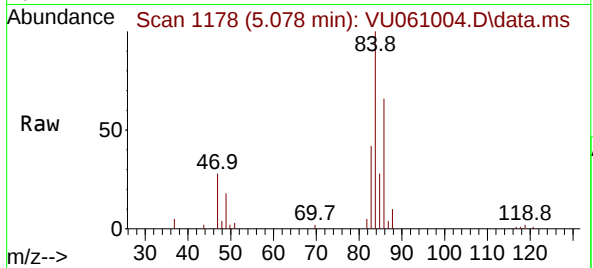




#25
Chloroform
Concen: 0.685 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

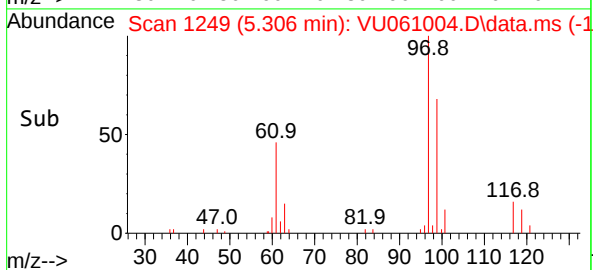
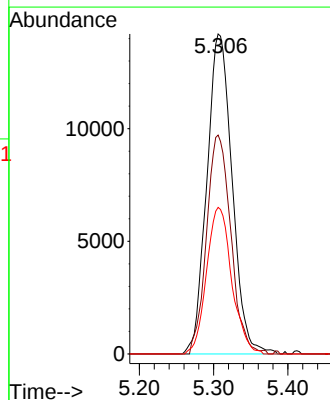
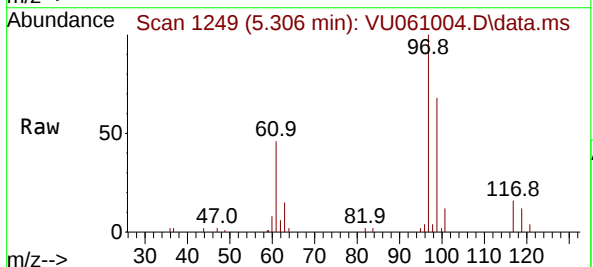
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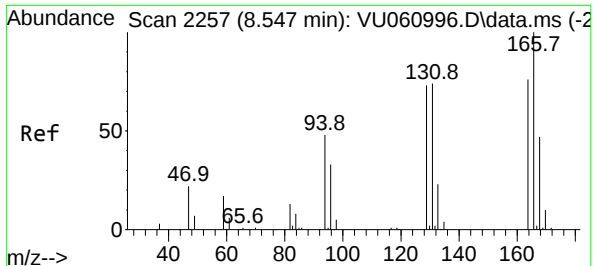
Tgt Ion: 83 Resp: 12322
Ion Ratio Lower Upper
83 100
85 67.7 46.8 86.8



#29
1,1,1-Trichloroethane
Concen: 2.242 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Tgt Ion: 97 Resp: 33642
Ion Ratio Lower Upper
97 100
99 65.7 50.5 75.7
61 45.5 34.4 51.6





#47
Tetrachloroethene
Concen: 0.539 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061004.D
Acq: 25 Sep 2024 15:08

Instrument :
MSVOA_U
ClientSampleId :
EY072

Tgt Ion:164	Resp:	4294
Ion	Ratio	Lower Upper
164	100	
129	98.7	67.3 124.9
131	94.7	65.4 121.4
166	131.3	89.5 166.1

