

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060827.D
 Acq On : 17 Sep 2024 12:52
 Operator : MD/SY
 Sample : P3952-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B35

Quant Time: Sep 18 01:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

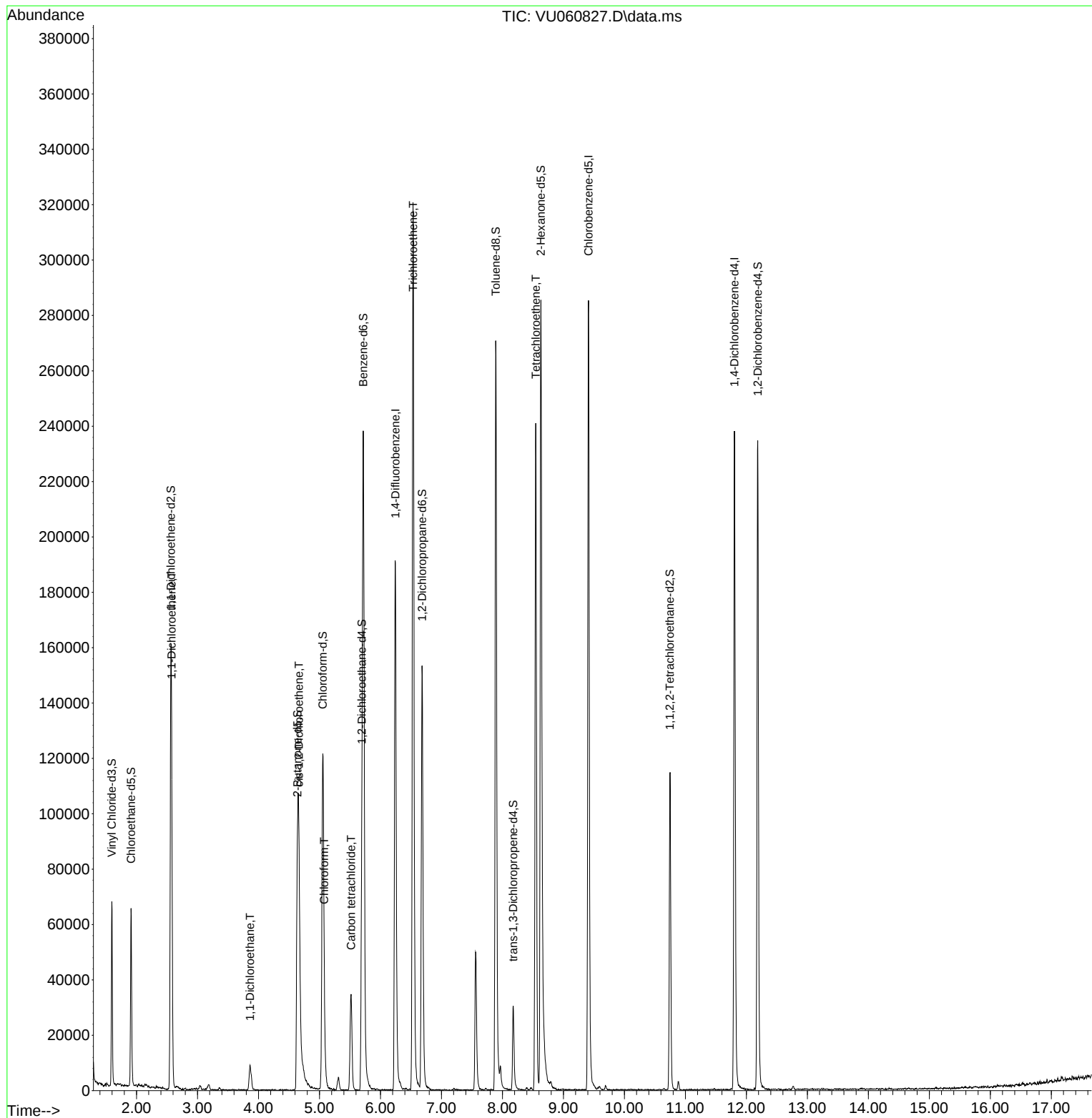
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	170828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47491	3.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	47199	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.563	65	22659	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.637	46	138303	56.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.140%
24) Chloroform-d	5.055	84	120084	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	60451	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.717	84	233185	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	79206	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	198789	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	19868	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.630	63	105098	50.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	61941	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	70352	5.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	28272	2.631	ug/L	82
19) 1,1-Dichloroethane	3.862	63	11507	0.515	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	32016	2.598	ug/L	87
25) Chloroform	5.078	83	10413	0.447	ug/L	99
31) Carbon tetrachloride	5.518	117	26219	1.546	ug/L	96
34) Trichloroethene	6.534	95	114546	8.954	ug/L	98
47) Tetrachloroethene	8.547	164	56183	5.526	ug/L	99

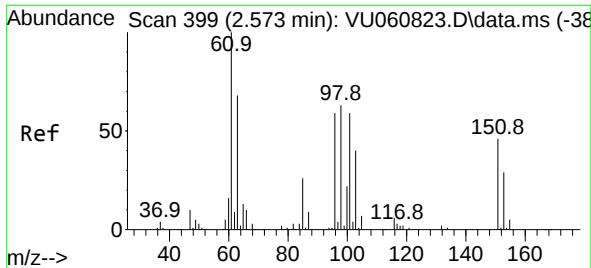
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 18 01:17:16 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
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#12

1,1-Dichloroethene

Concen: 2.631 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060827.D

Acq: 17 Sep 2024 12:52

Instrument :

MSVOA_U

ClientSampleId :

C0B35

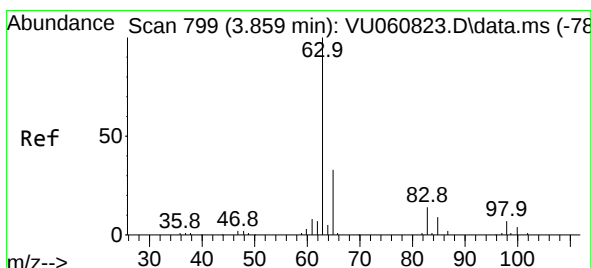
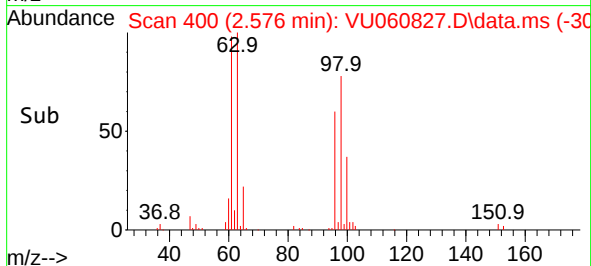
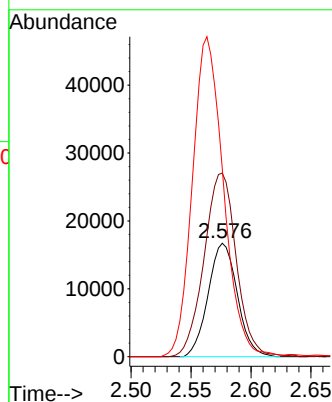
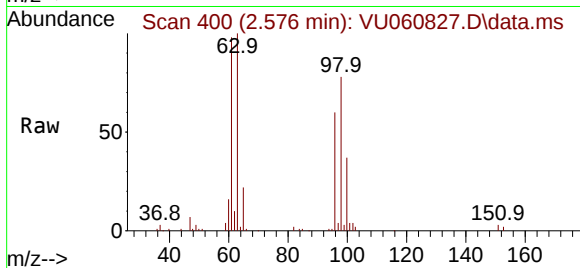
Tgt Ion: 96 Resp: 28272

Ion Ratio Lower Upper

96 100

61 161.8 120.7 224.1

63 165.6 90.0 167.2



#19

1,1-Dichloroethane

Concen: 0.515 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU060827.D

Acq: 17 Sep 2024 12:52

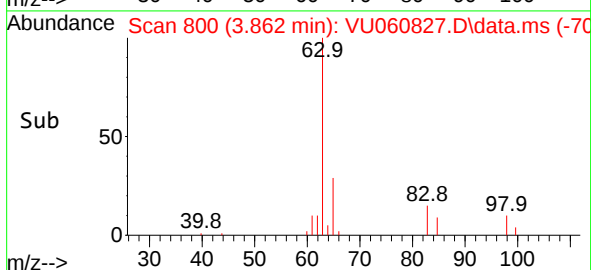
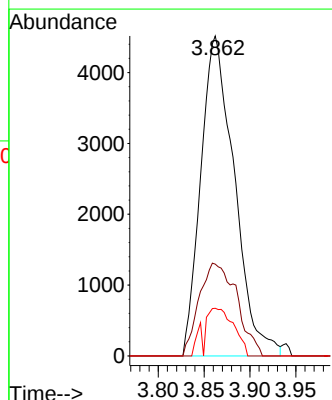
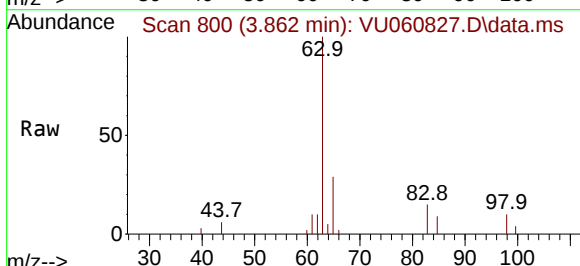
Tgt Ion: 63 Resp: 11507

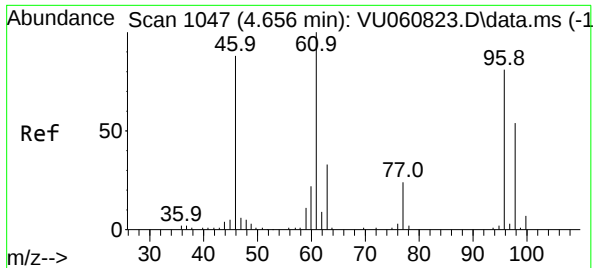
Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.8

83 14.9 9.0 16.6

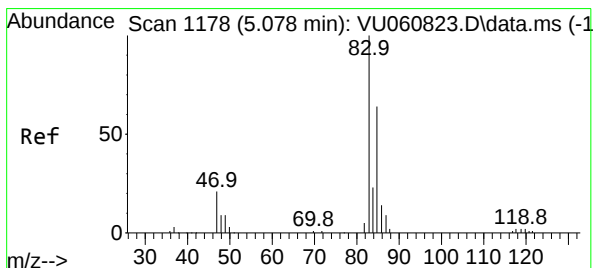
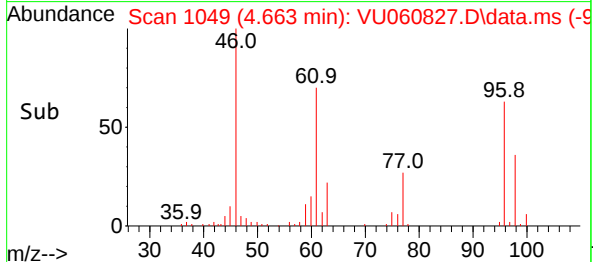
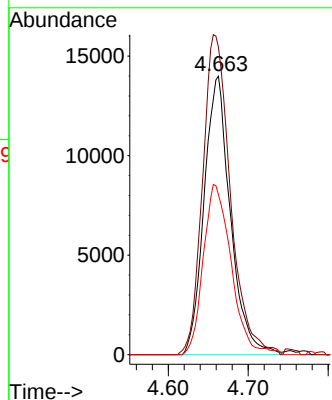
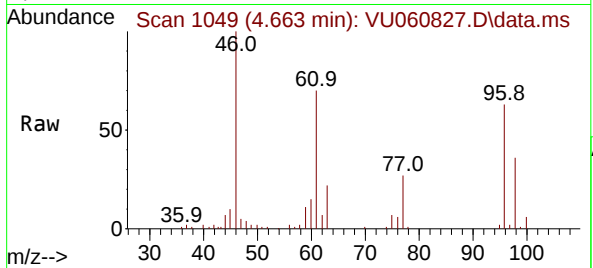




#22
cis-1,2-Dichloroethene
Concen: 2.598 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

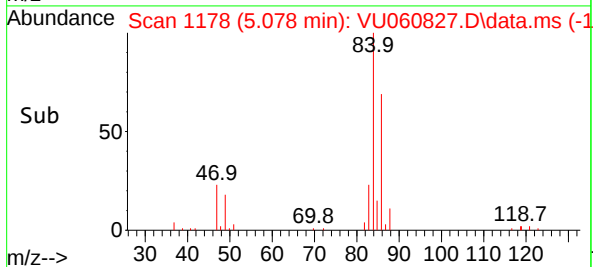
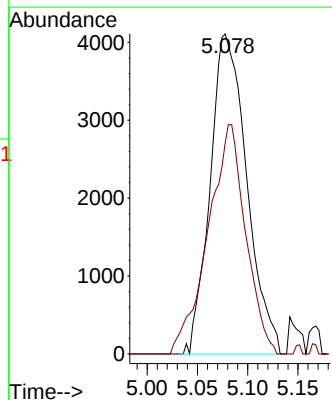
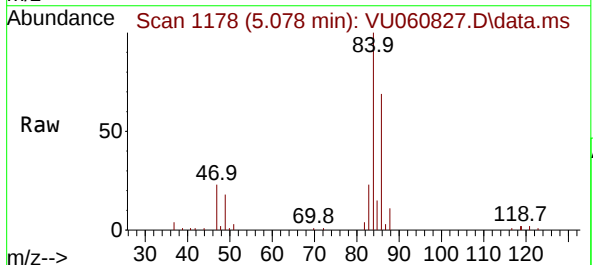
Instrument :
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C0B35

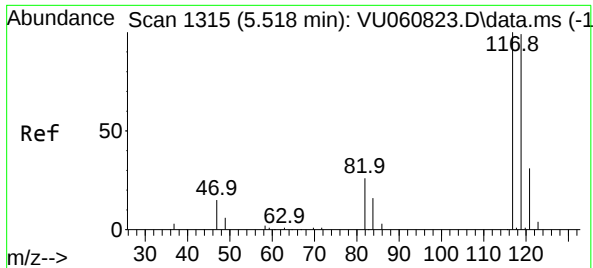
Tgt Ion: 96 Resp: 32016
Ion Ratio Lower Upper
96 100
61 110.3 89.7 166.5
98 57.4 45.1 83.9



#25
Chloroform
Concen: 0.447 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

Tgt Ion: 83 Resp: 10413
Ion Ratio Lower Upper
83 100
85 65.9 46.8 86.8

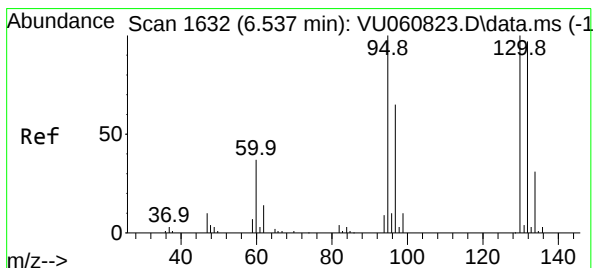
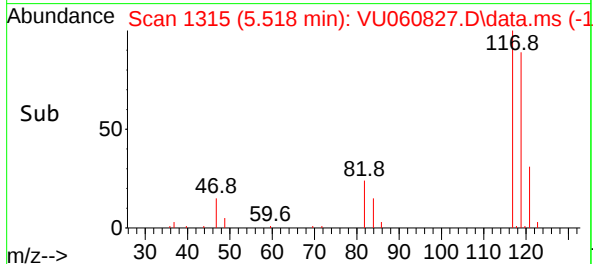
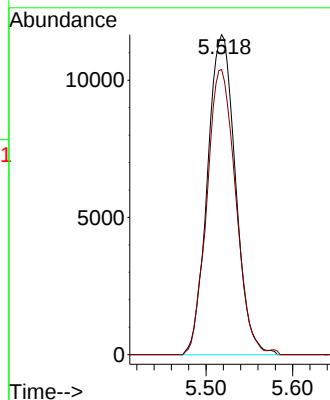
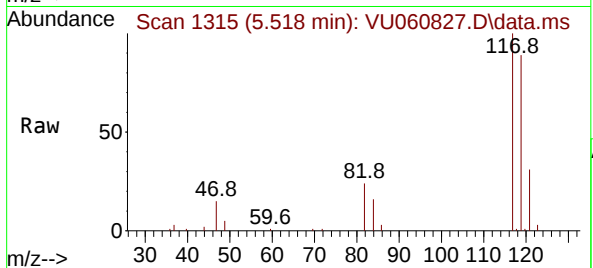




#31
Carbon tetrachloride
Concen: 1.546 ug/L
RT: 5.518 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

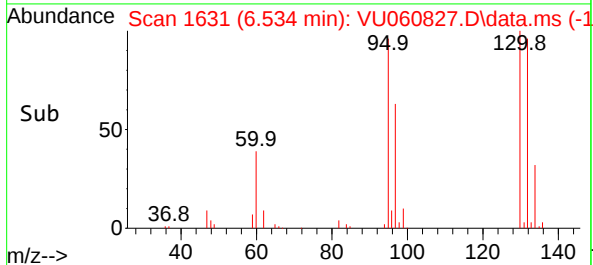
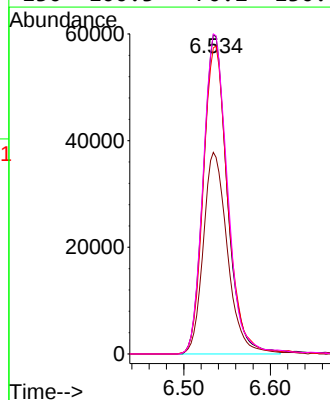
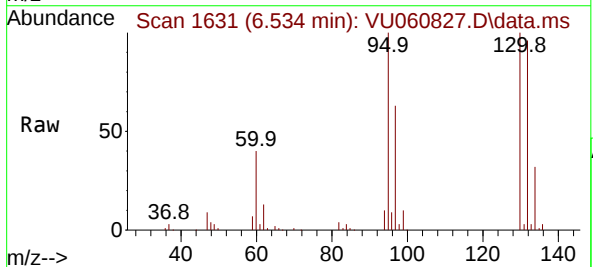
Instrument :
MSVOA_U
ClientSampleId :
C0B35

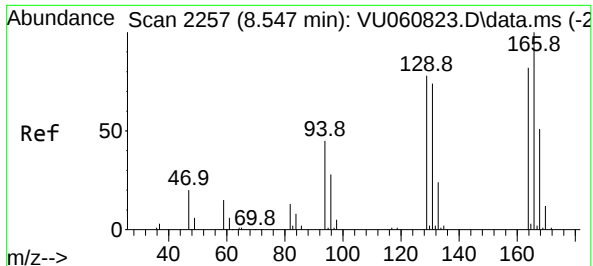
Tgt Ion:117 Resp: 26219
Ion Ratio Lower Upper
117 100
119 91.3 76.3 114.5



#34
Trichloroethene
Concen: 8.954 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

Tgt Ion: 95 Resp: 114546
Ion Ratio Lower Upper
95 100
97 63.2 44.9 83.5
132 95.9 63.5 117.9
130 100.3 70.2 130.4





#47
 Tetrachloroethene
 Concen: 5.526 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU060827.D
 Acq: 17 Sep 2024 12:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B35

Tgt Ion:164	Resp:	56183
Ion	Ratio	Lower Upper
164	100	
129	96.6	67.3 124.9
131	92.6	65.4 121.4
166	129.9	89.5 166.1

