

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060903.D
 Acq On : 19 Sep 2024 17:07
 Operator : MD/SY
 Sample : P3952-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B49

Quant Time: Sep 19 23:59:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

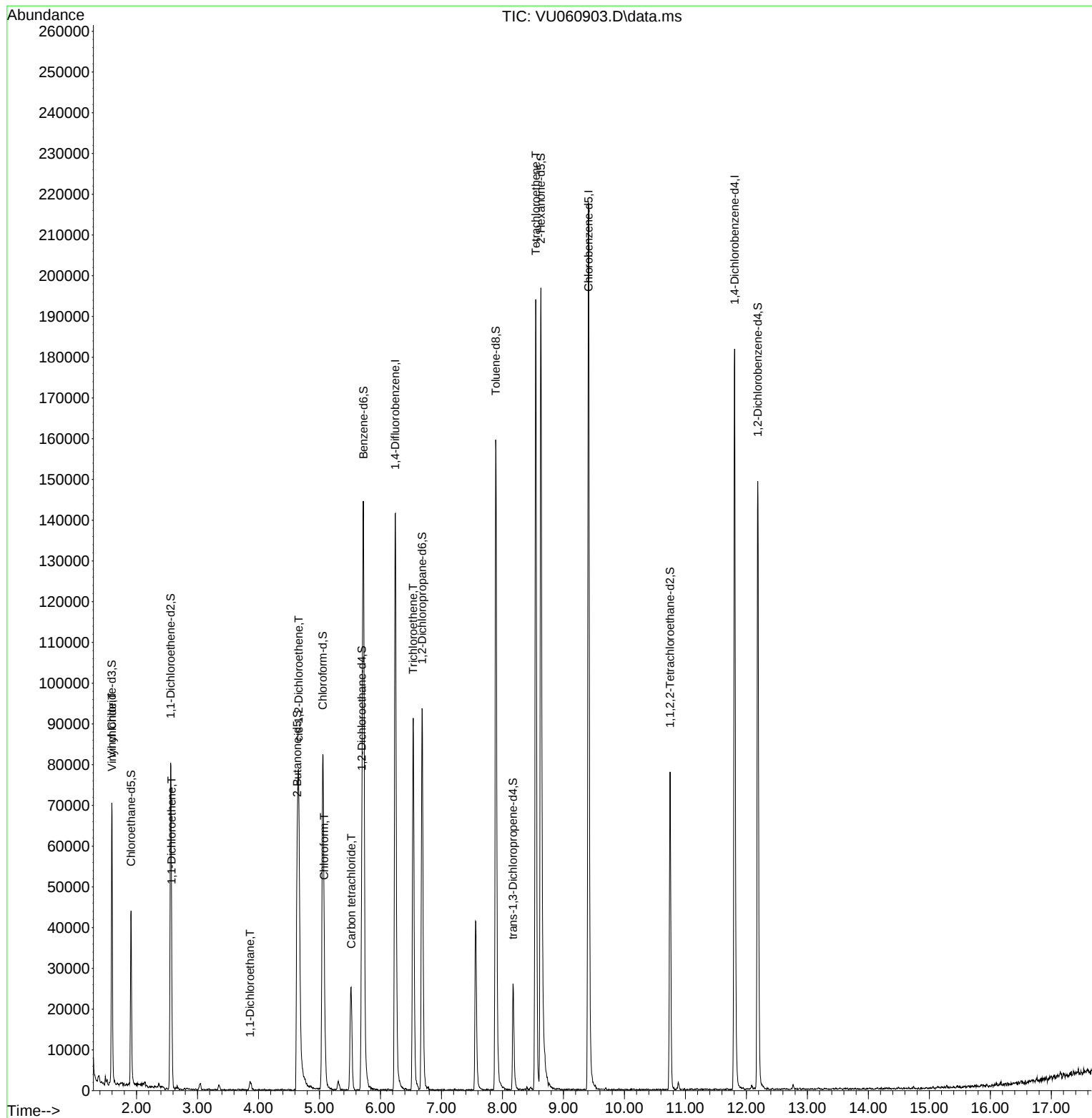
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34310	3.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.910	69	31811	3.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	14709	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.634	46	89848	48.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.055	84	79128	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	39563	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	141767	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.682	67	47444	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.891	98	120369	3.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.174	79	16833	4.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.630	63	72576	45.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40067	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	44869	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	16753	1.529	ug/L	98
12) 1,1-Dichloroethene	2.576	96	2407	0.301	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	3040	0.183	ug/L #	82
22) cis-1,2-Dichloroethene	4.660	96	27596	3.012	ug/L	98
25) Chloroform	5.078	83	12463	0.719	ug/L	96
31) Carbon tetrachloride	5.521	117	18701	1.445	ug/L	96
34) Trichloroethene	6.537	95	32615	3.341	ug/L	95
47) Tetrachloroethene	8.547	164	46361	5.975	ug/L	97

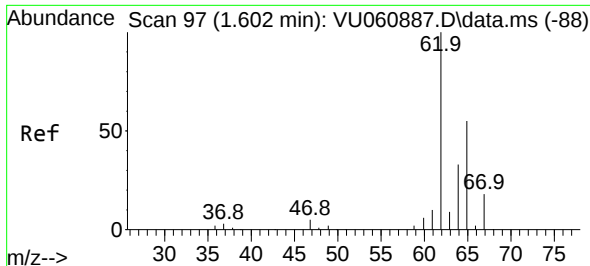
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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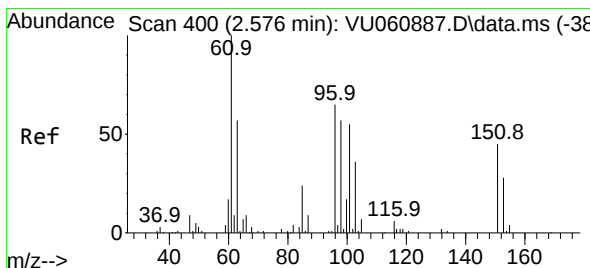
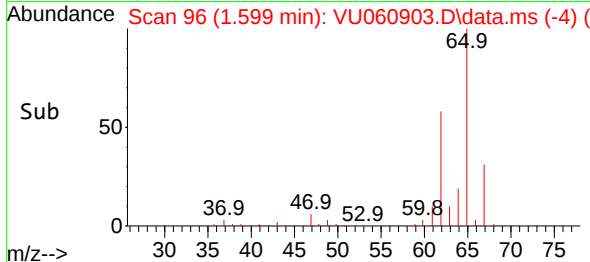
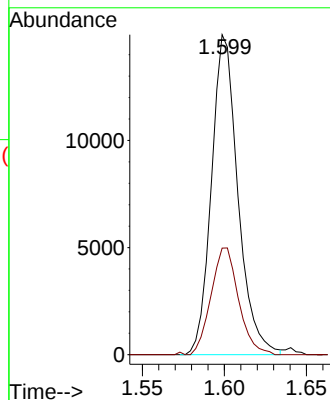
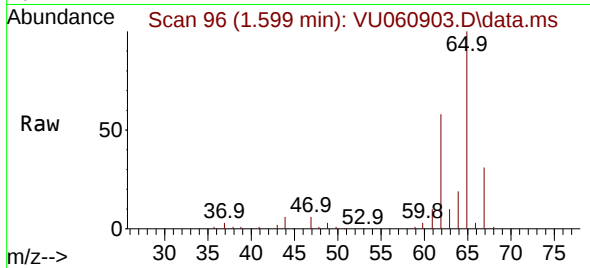




#5
 Vinyl chloride
 Concen: 1.529 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU060903.D
 Acq: 19 Sep 2024 17:07

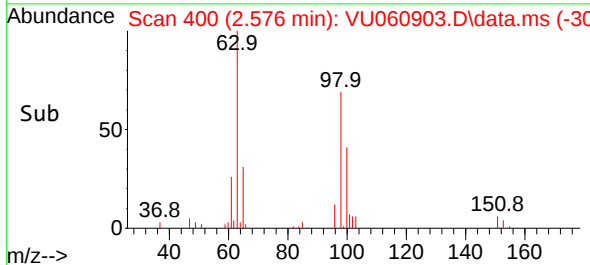
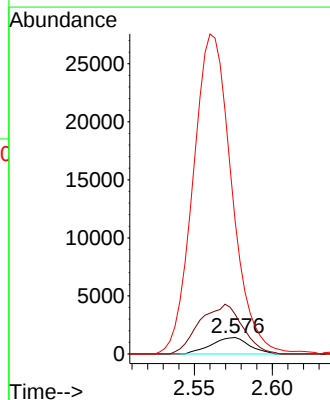
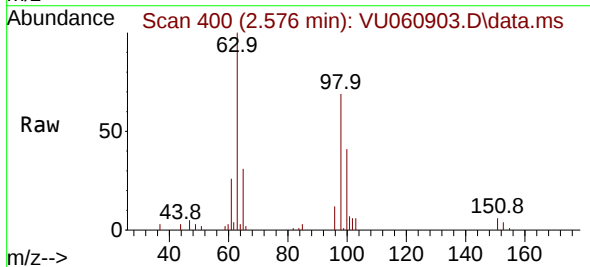
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B49

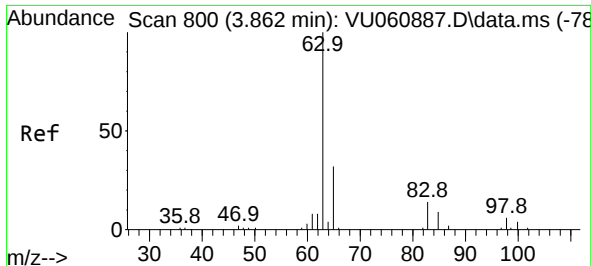
Tgt Ion: 62 Resp: 16753
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.0 44.6



#12
 1,1-Dichloroethene
 Concen: 0.301 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060903.D
 Acq: 19 Sep 2024 17:07

Tgt Ion: 96 Resp: 2407
 Ion Ratio Lower Upper
 96 100
 61 241.2 120.7 224.1#
 63 812.2 90.0 167.2#





#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU060903.D

Acq: 19 Sep 2024 17:07

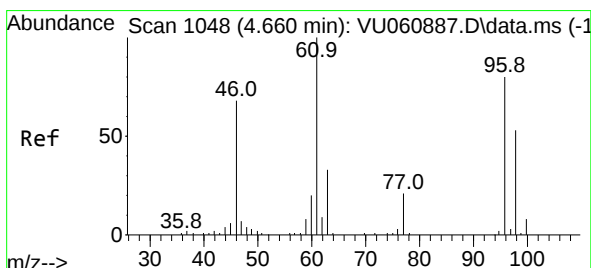
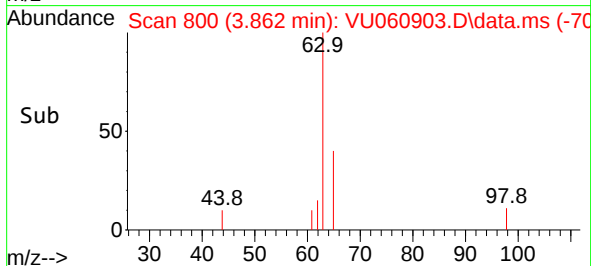
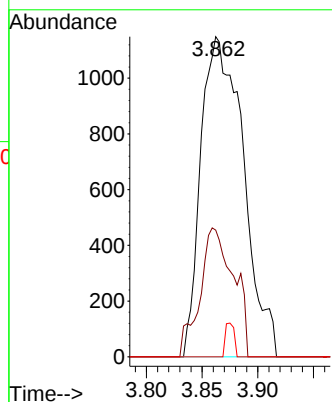
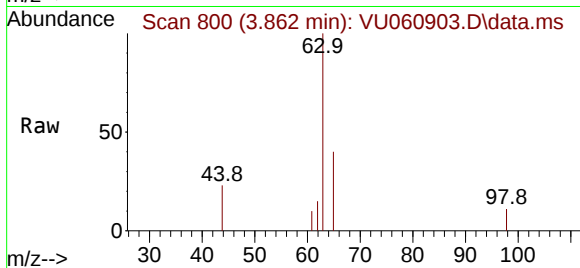
Instrument :

MSVOA_U

ClientSampleId :

C0B49

Tgt Ion:	63	Resp:	3040
Ion	Ratio	Lower	Upper
63	100		
65	39.6	23.0	42.8
83	0.0	9.0	16.6



#22

cis-1,2-Dichloroethene

Concen: 3.012 ug/L

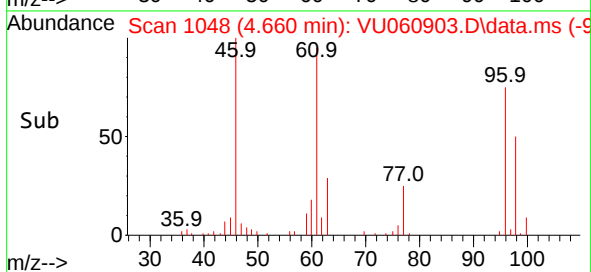
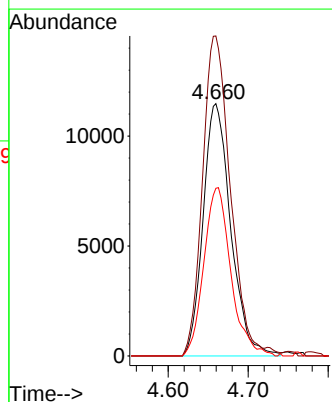
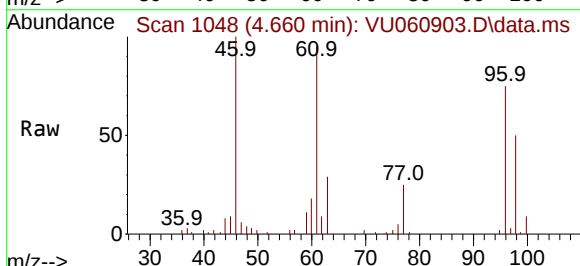
RT: 4.660 min Scan# 1048

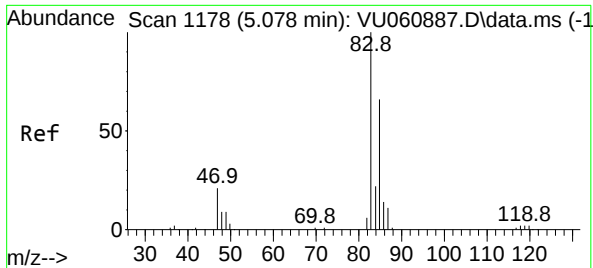
Delta R.T. -0.000 min

Lab File: VU060903.D

Acq: 19 Sep 2024 17:07

Tgt Ion:	96	Resp:	27596
Ion	Ratio	Lower	Upper
96	100		
61	126.8	89.7	166.5
98	68.1	45.1	83.9





#25

Chloroform

Concen: 0.719 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060903.D

Acq: 19 Sep 2024 17:07

Instrument :

MSVOA_U

ClientSampleId :

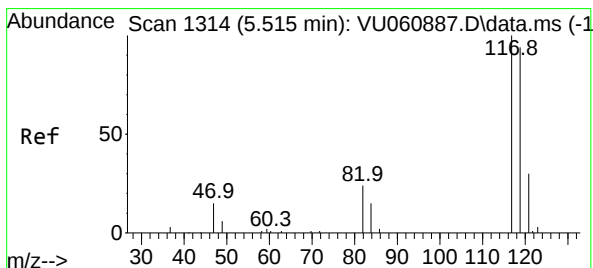
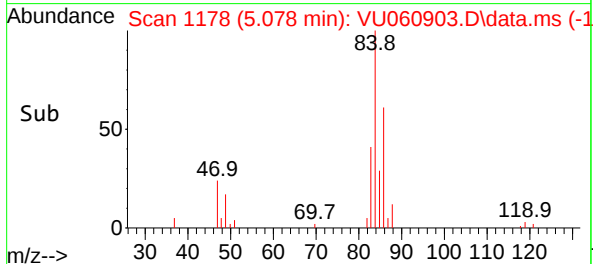
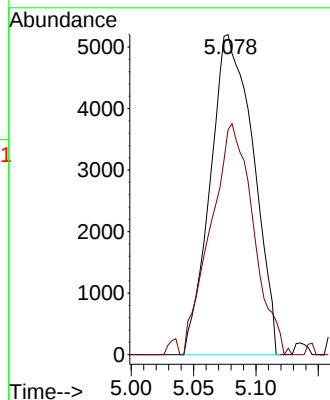
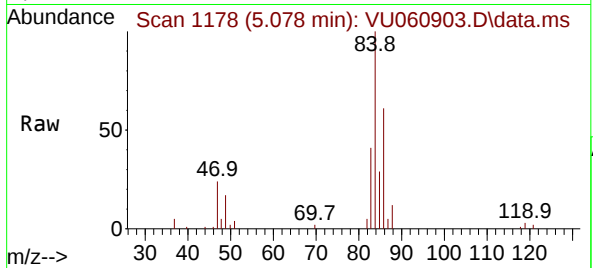
C0B49

Tgt Ion: 83 Resp: 12463

Ion Ratio Lower Upper

83 100

85 70.3 46.8 86.8



#31

Carbon tetrachloride

Concen: 1.445 ug/L

RT: 5.521 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VU060903.D

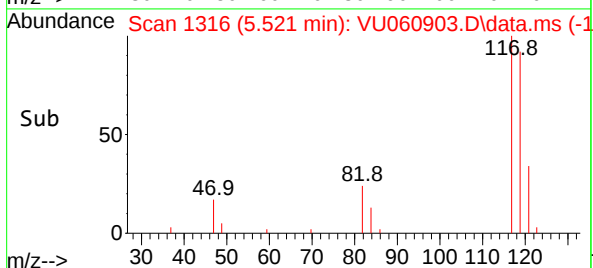
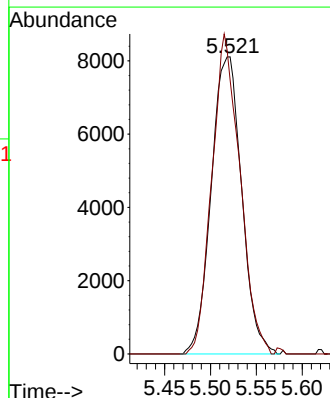
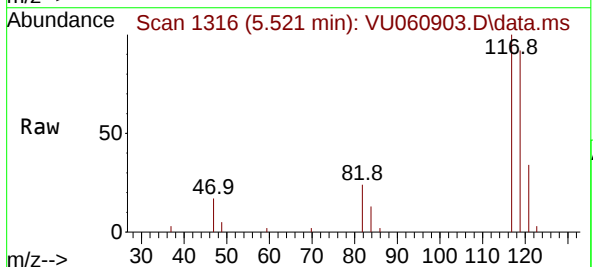
Acq: 19 Sep 2024 17:07

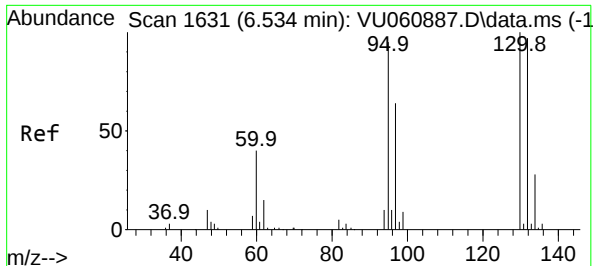
Tgt Ion: 117 Resp: 18701

Ion Ratio Lower Upper

117 100

119 99.3 76.3 114.5





#34

Trichloroethene

Concen: 3.341 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060903.D

Acq: 19 Sep 2024 17:07

Instrument :

MSVOA_U

ClientSampleId :

C0B49

Tgt Ion: 95 Resp: 32615

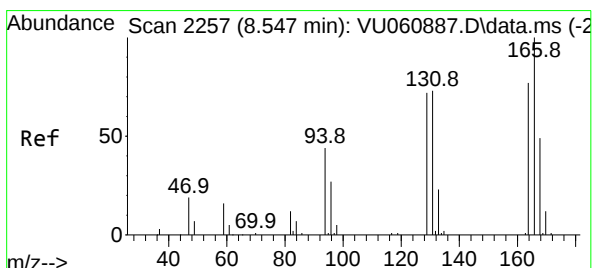
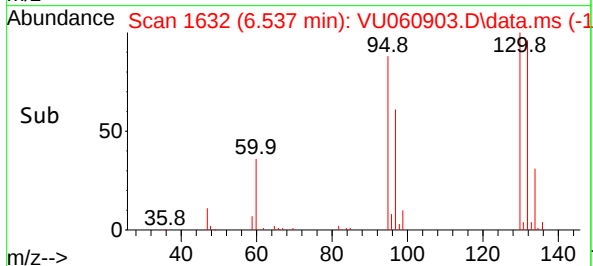
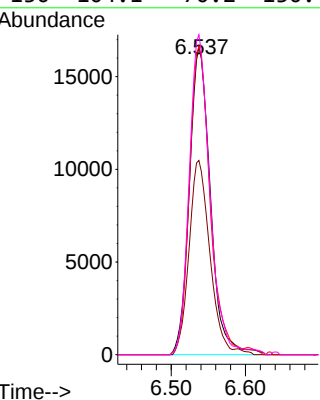
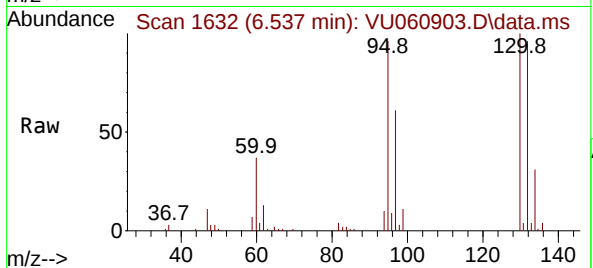
Ion Ratio Lower Upper

95 100

97 63.2 44.9 83.5

132 100.3 63.5 117.9

130 104.1 70.2 130.4



#47

Tetrachloroethene

Concen: 5.975 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060903.D

Acq: 19 Sep 2024 17:07

Tgt Ion:164 Resp: 46361

Ion Ratio Lower Upper

164 100

129 95.7 67.3 124.9

131 88.0 65.4 121.4

166 124.0 89.5 166.1

