

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060927.D
 Acq On : 20 Sep 2024 05:27
 Operator : MD/SY
 Sample : P3952-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COB20DL

Quant Time: Sep 20 05:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

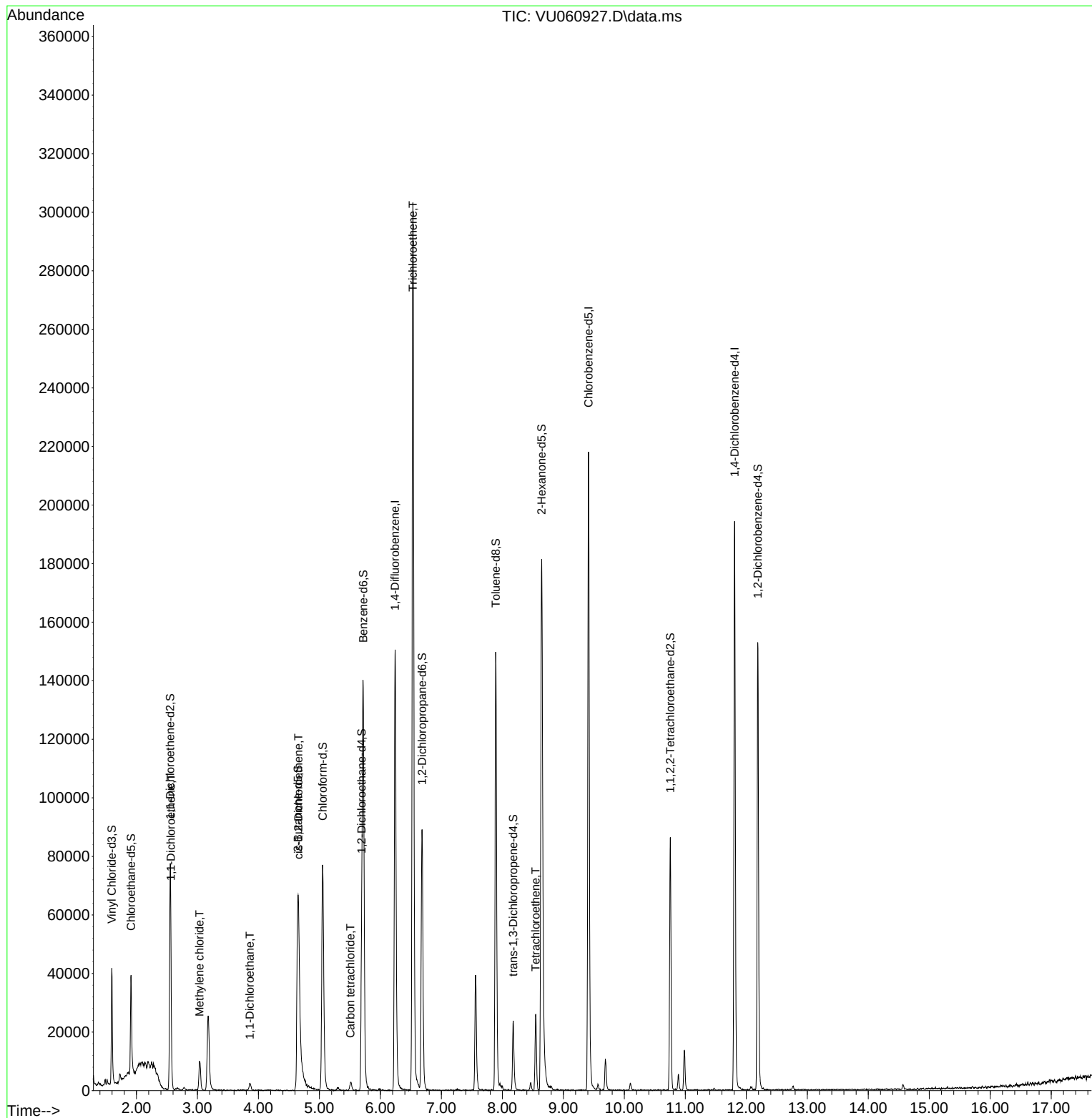
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	135165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57167	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29822	2.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	49.000%	
7) Chloroethane-d5	1.911	69	28799	3.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.600%	
11) 1,1-Dichloroethene-d2	2.554	65	13432	3.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	4.647	46	93121	47.713	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.420%	
24) Chloroform-d	5.052	84	77473	4.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	5.692	65	39437	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.718	84	134218	3.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.600%	
36) 1,2-Dichloropropane-d6	6.682	67	46180	3.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.600%	
41) Toluene-d8	7.891	98	107570	3.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	62.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	15641	3.741	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.800%	
46) 2-Hexanone-d5	8.644	63	78829	47.800	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.600%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	42159	4.633	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	45176	4.703	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	4687	0.551	ug/L #	1
16) Methylene chloride	3.033	84	6237	0.633	ug/L	81
19) 1,1-Dichloroethane	3.859	63	3178	0.180	ug/L #	83
22) cis-1,2-Dichloroethene	4.657	96	12704	1.303	ug/L	91
31) Carbon tetrachloride	5.509	117	2334	0.174	ug/L	96
34) Trichloroethene	6.531	95	109739	10.870	ug/L	94
47) Tetrachloroethene	8.544	164	6405	0.798	ug/L	85

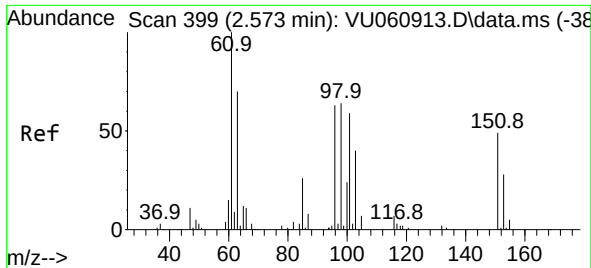
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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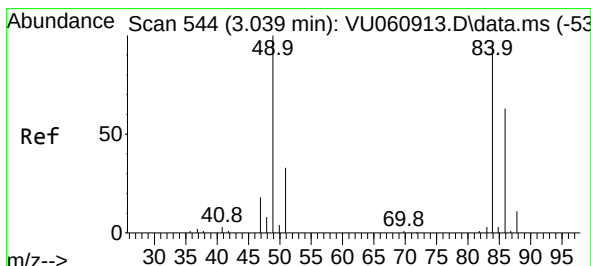
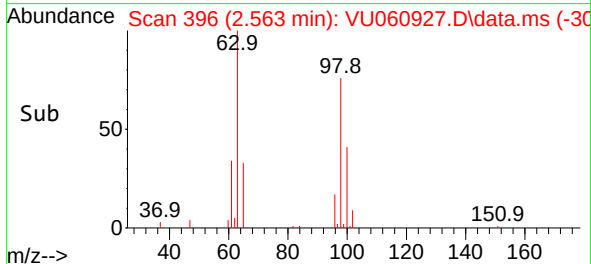
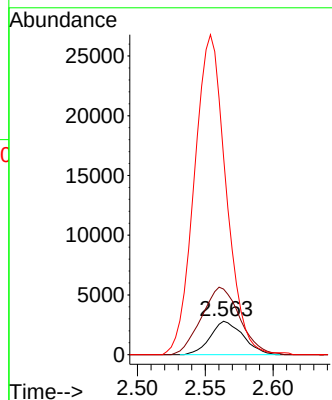
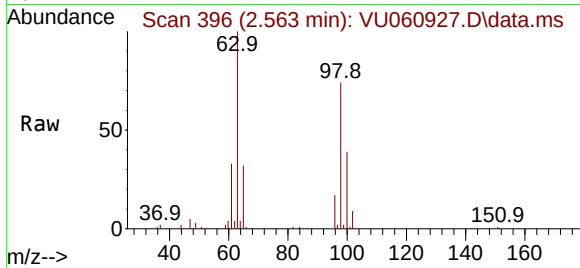




#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.563 min Scan# 399
Delta R.T. -0.010 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

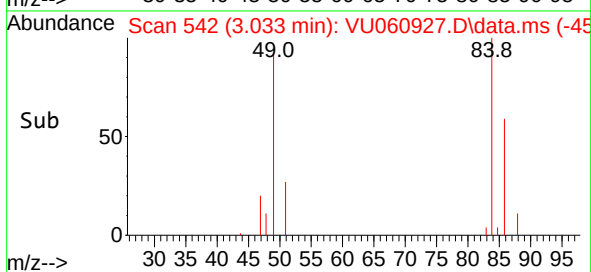
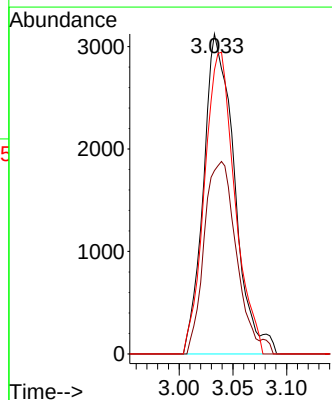
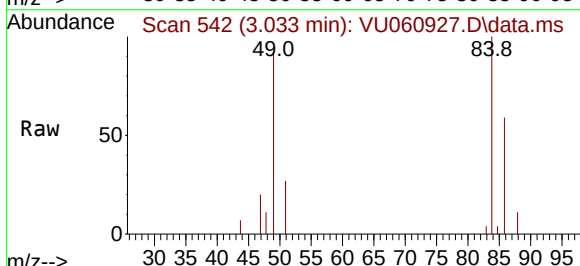
Instrument :
MSVOA_U
ClientSampleId :
C0B20DL

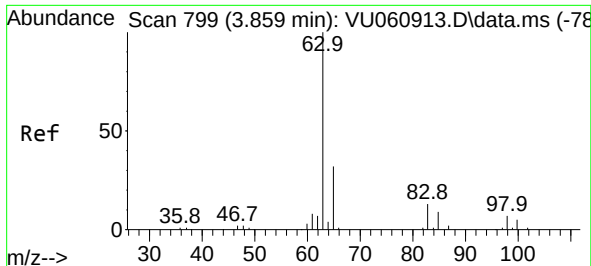
Tgt Ion: 96 Resp: 4687
Ion Ratio Lower Upper
96 100
61 176.5 120.7 224.1
63 531.8 90.0 167.2#



#16
Methylene chloride
Concen: 0.633 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.006 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 84 Resp: 6237
Ion Ratio Lower Upper
84 100
86 57.3 47.3 87.8
49 88.8 78.7 146.1





#19

1,1-Dichloroethane

Concen: 0.180 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

Instrument :

MSVOA_U

ClientSampleId :

C0B20DL

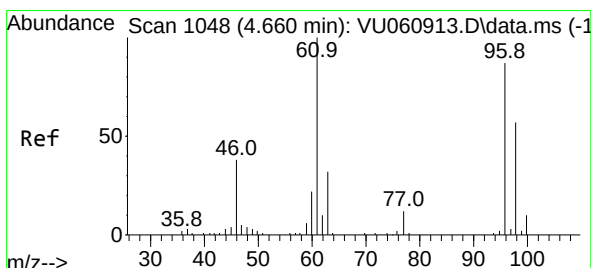
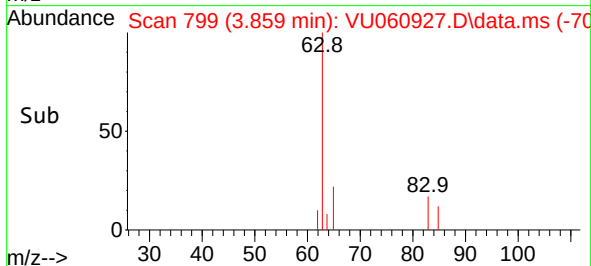
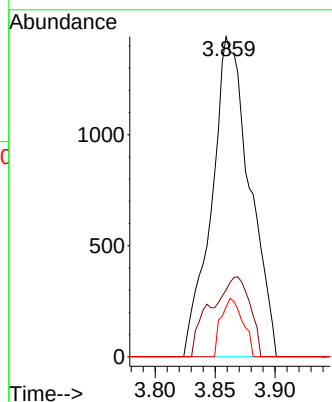
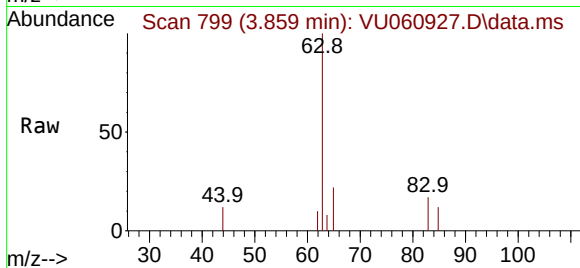
Tgt Ion: 63 Resp: 3178

Ion Ratio Lower Upper

63 100

65 20.9 23.0 42.8#

83 15.6 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 1.303 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060927.D

Acq: 20 Sep 2024 05:27

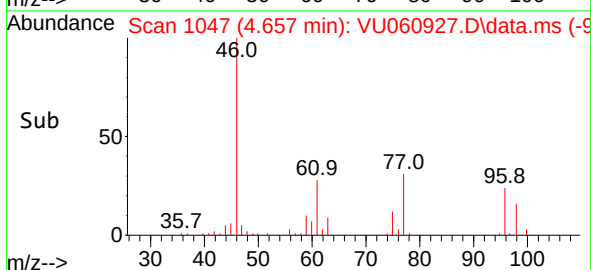
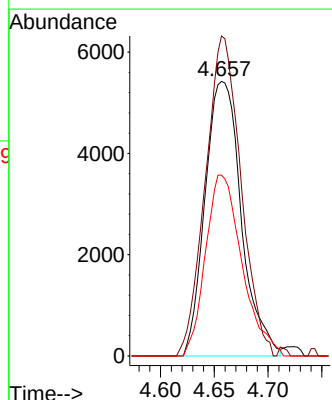
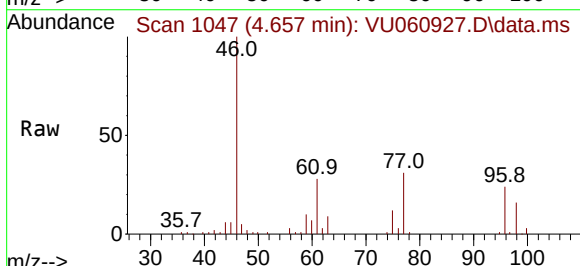
Tgt Ion: 96 Resp: 12704

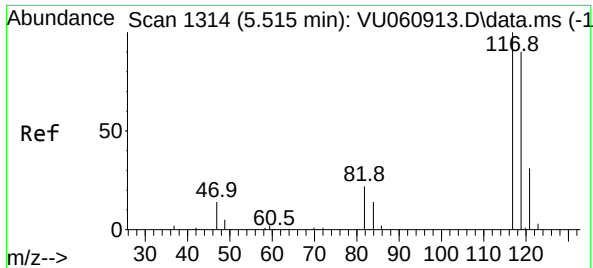
Ion Ratio Lower Upper

96 100

61 113.0 89.7 166.5

98 63.8 45.1 83.9

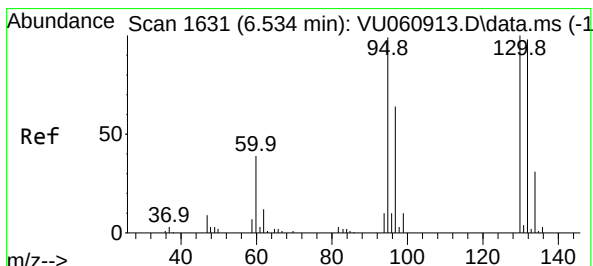
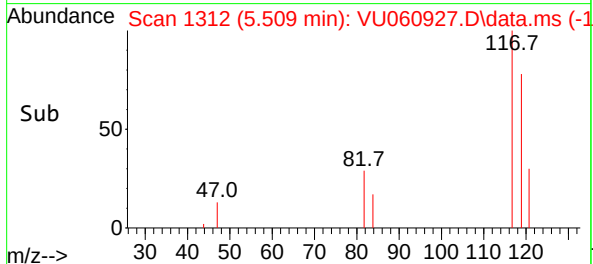
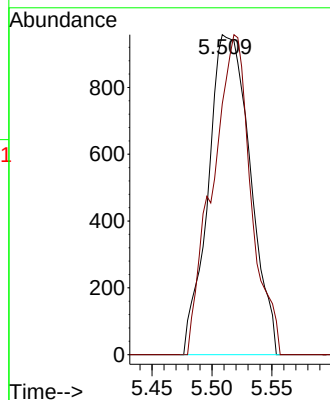
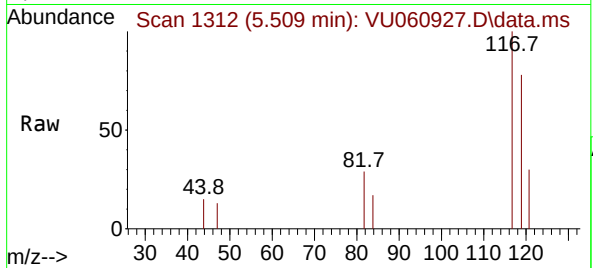




#31
Carbon tetrachloride
Concen: 0.174 ug/L
RT: 5.509 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

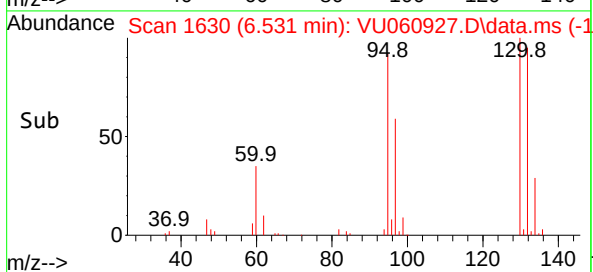
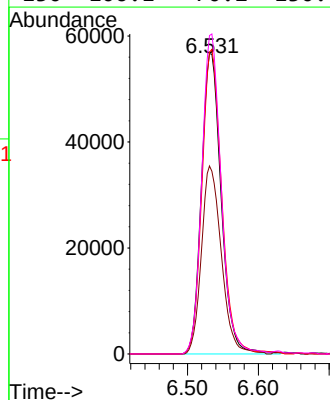
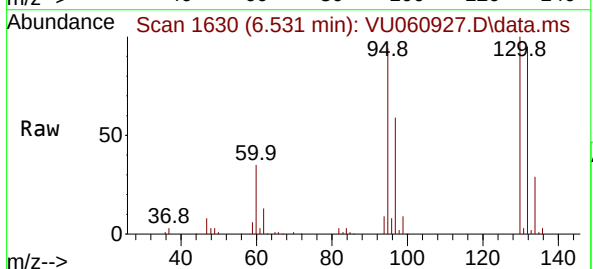
Instrument :
MSVOA_U
ClientSampleId :
C0B20DL

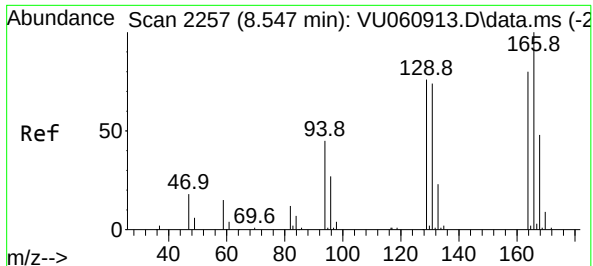
Tgt Ion:117 Resp: 2334
Ion Ratio Lower Upper
117 100
119 91.7 76.3 114.5



#34
Trichloroethene
Concen: 10.870 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU060927.D
Acq: 20 Sep 2024 05:27

Tgt Ion: 95 Resp: 109739
Ion Ratio Lower Upper
95 100
97 62.6 44.9 83.5
132 100.5 63.5 117.9
130 106.1 70.2 130.4





#47
 Tetrachloroethene
 Concen: 0.798 ug/L
 RT: 8.544 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU060927.D
 Acq: 20 Sep 2024 05:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B20DL

Tgt Ion:164	Resp:	6405
Ion	Ratio	Lower Upper
164	100	
129	82.2	67.3 124.9
131	76.8	65.4 121.4
166	112.5	89.5 166.1

