

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060929.D
 Acq On : 20 Sep 2024 06:16
 Operator : MD/SY
 Sample : P3952-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29

Quant Time: Sep 20 06:30:00 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)

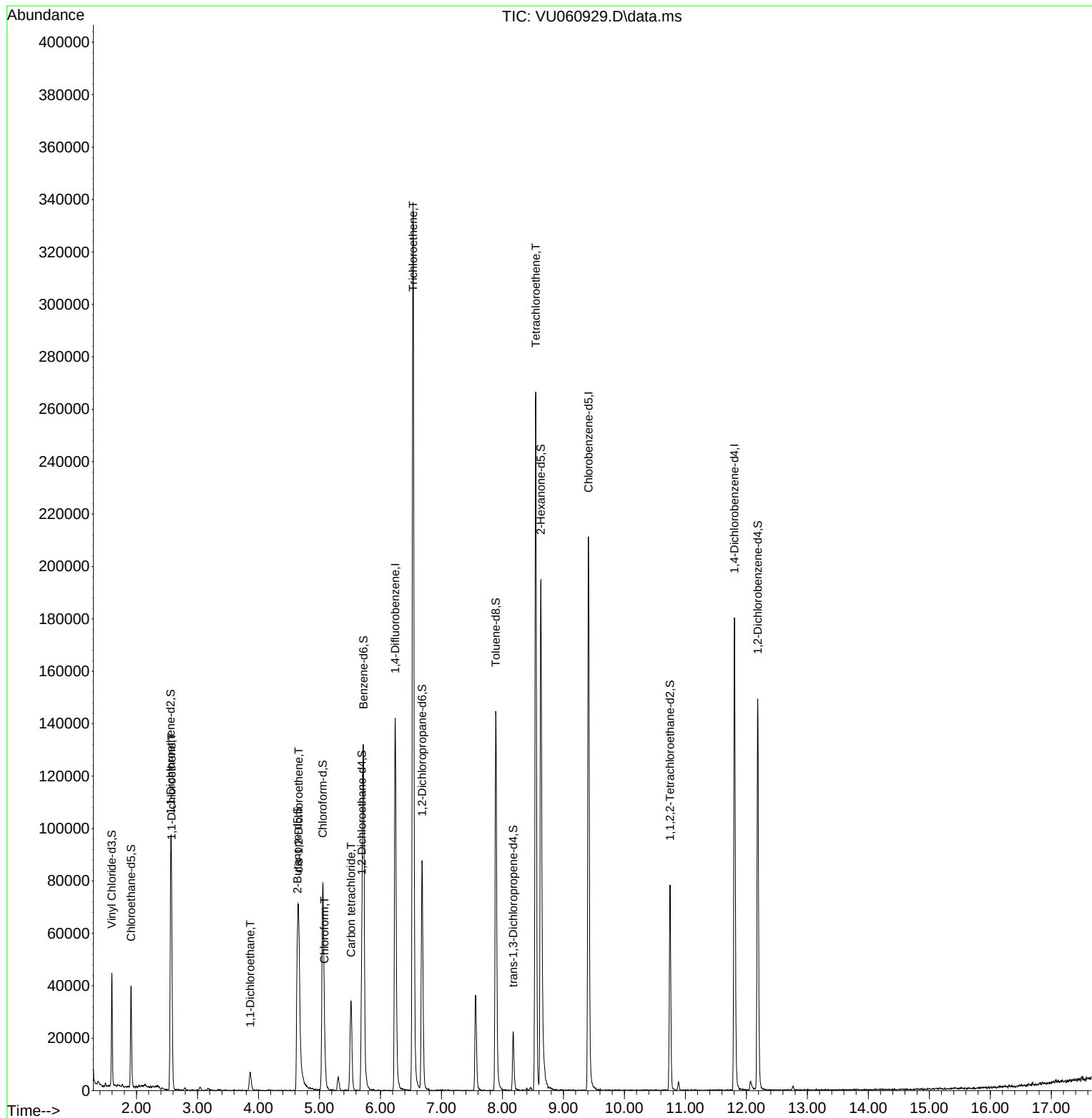
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	127650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30938	2.695	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.800%	
7) Chloroethane-d5	1.911	69	28178	3.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.000%	
11) 1,1-Dichloroethene-d2	2.560	65	13197	3.243	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.800%	
20) 2-Butanone-d5	4.637	46	87876	47.677	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.360%	
24) Chloroform-d	5.055	84	75792	4.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
26) 1,2-Dichloroethane-d4	5.695	65	38378	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.721	84	133136	3.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.200%	
36) 1,2-Dichloropropane-d6	6.682	67	44308	3.880	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.600%	
41) Toluene-d8	7.891	98	107350	3.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	15163	3.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.631	63	71941	44.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.740%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40229	4.497	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	46381	4.766	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	16610	2.069	ug/L	87
19) 1,1-Dichloroethane	3.865	63	8539	0.511	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	23697	2.573	ug/L	93
25) Chloroform	5.081	83	13812	0.793	ug/L	100
31) Carbon tetrachloride	5.518	117	25755	1.957	ug/L	99
34) Trichloroethene	6.534	95	118925	11.982	ug/L	90
47) Tetrachloroethene	8.547	164	64348	8.158	ug/L	97

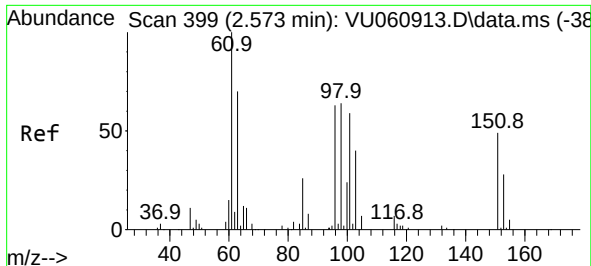
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
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#12

1,1-Dichloroethene

Concen: 2.069 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060929.D

Acq: 20 Sep 2024 06:16

Instrument :

MSVOA_U

ClientSampleId :

C0B29

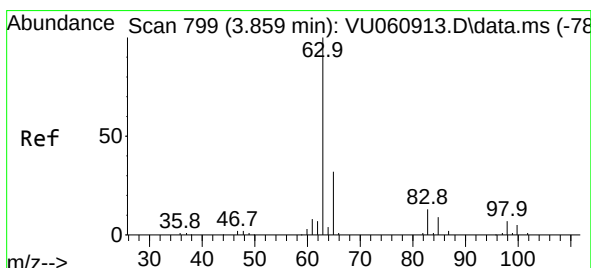
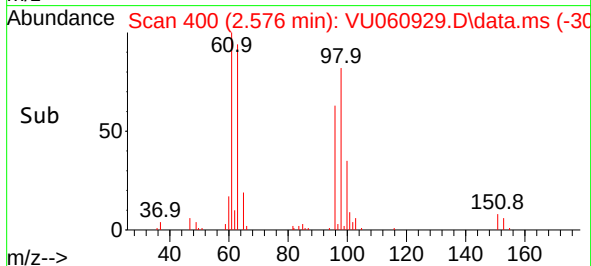
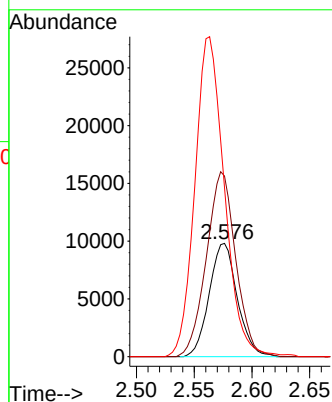
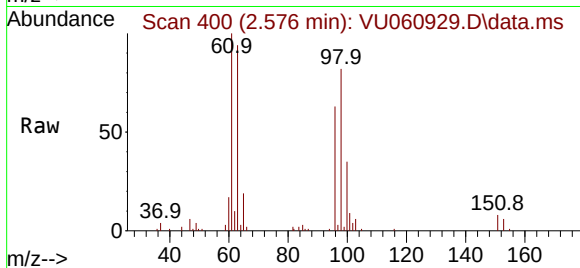
Tgt Ion: 96 Resp: 16610

Ion Ratio Lower Upper

96 100

61 159.5 120.7 224.1

63 149.4 90.0 167.2



#19

1,1-Dichloroethane

Concen: 0.511 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU060929.D

Acq: 20 Sep 2024 06:16

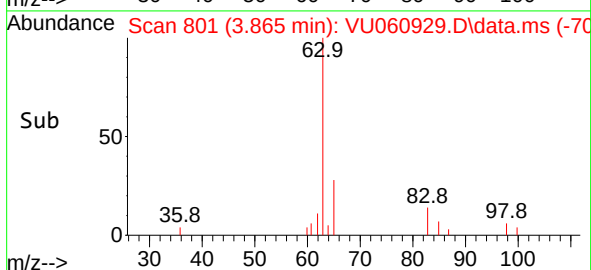
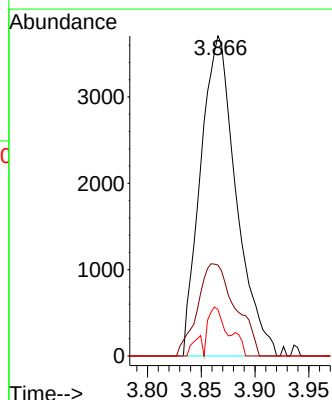
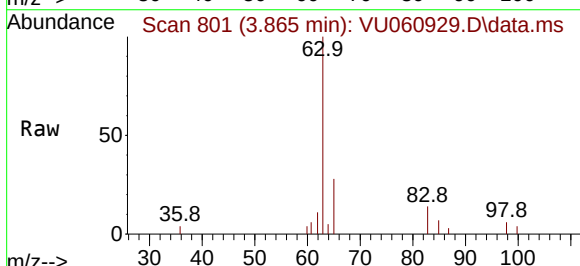
Tgt Ion: 63 Resp: 8539

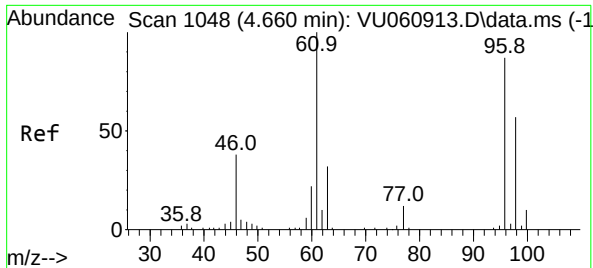
Ion Ratio Lower Upper

63 100

65 28.4 23.0 42.8

83 14.4 9.0 16.6

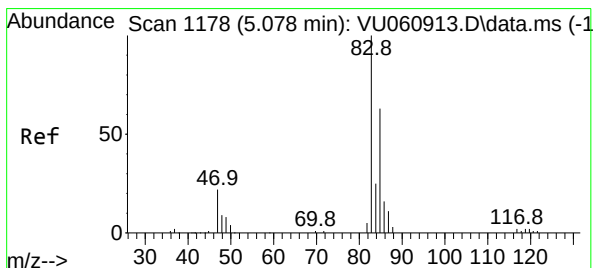
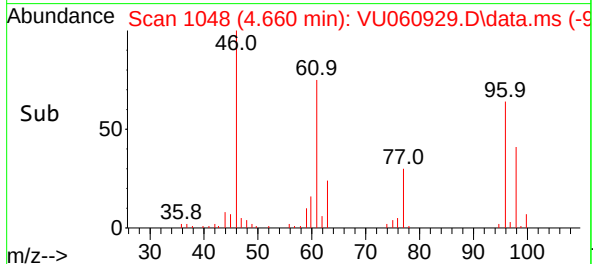
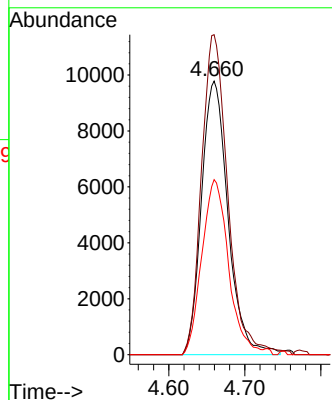
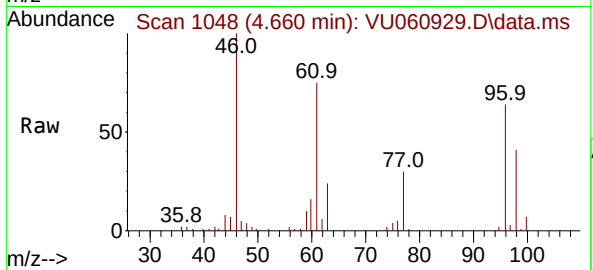




#22
 cis-1,2-Dichloroethene
 Concen: 2.573 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060929.D
 Acq: 20 Sep 2024 06:16

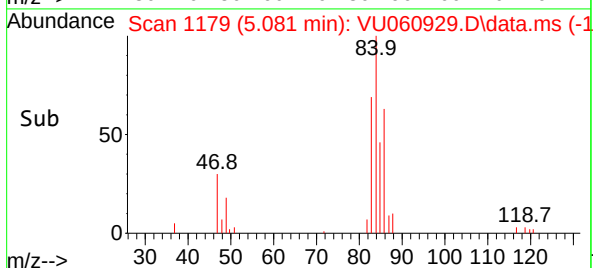
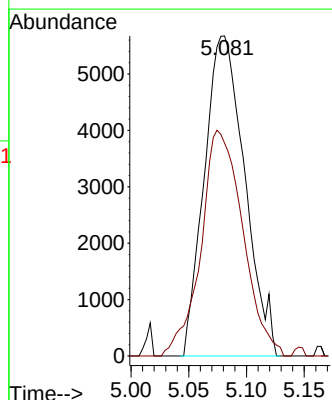
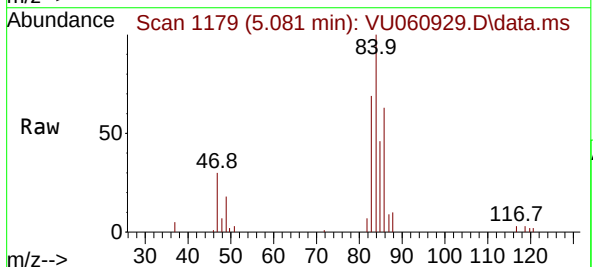
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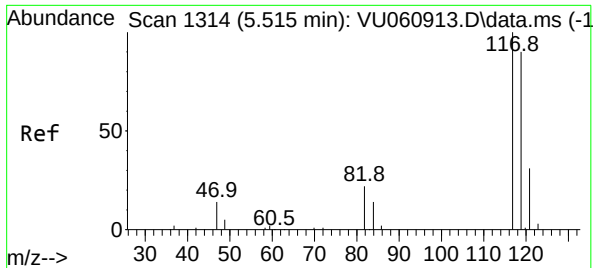
Tgt Ion: 96 Resp: 23697
 Ion Ratio Lower Upper
 96 100
 61 117.0 89.7 166.5
 98 64.0 45.1 83.9



#25
 Chloroform
 Concen: 0.793 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU060929.D
 Acq: 20 Sep 2024 06:16

Tgt Ion: 83 Resp: 13812
 Ion Ratio Lower Upper
 83 100
 85 66.5 46.8 86.8

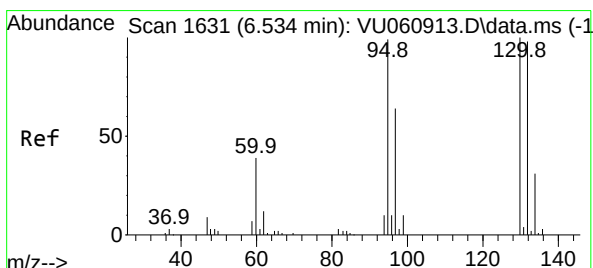
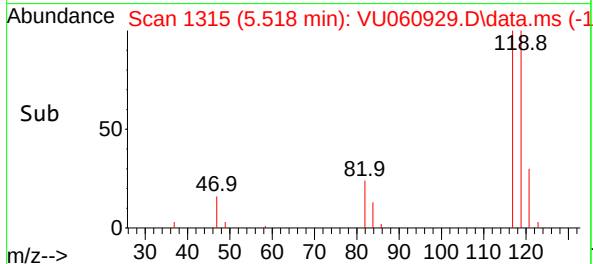
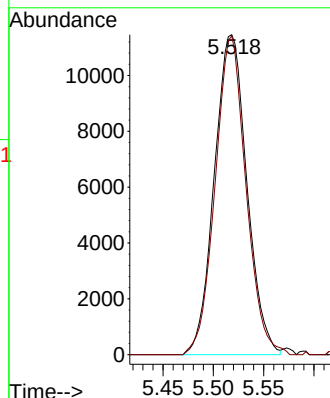
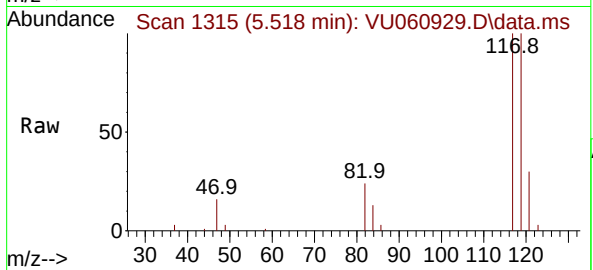




#31
Carbon tetrachloride
Concen: 1.957 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060929.D
Acq: 20 Sep 2024 06:16

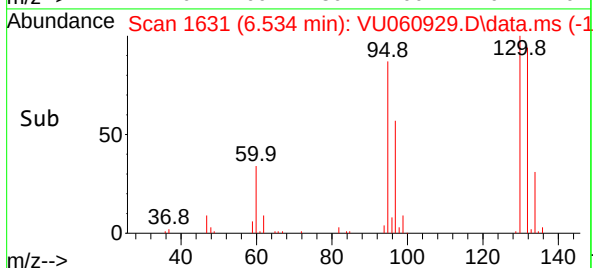
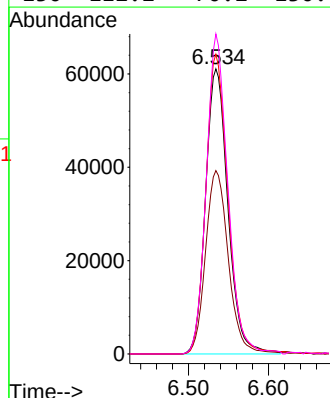
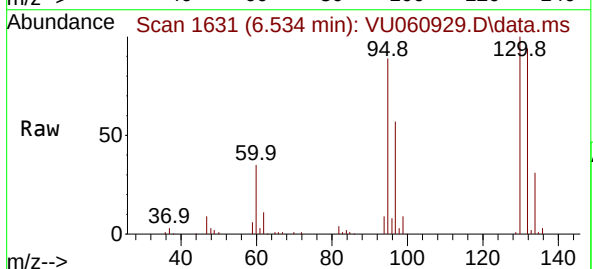
Instrument :
MSVOA_U
ClientSampleId :
C0B29

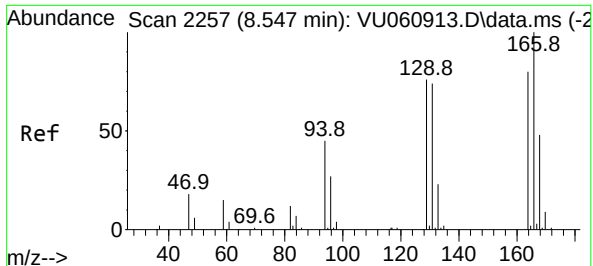
Tgt Ion:117 Resp: 25755
Ion Ratio Lower Upper
117 100
119 94.3 76.3 114.5



#34
Trichloroethene
Concen: 11.982 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060929.D
Acq: 20 Sep 2024 06:16

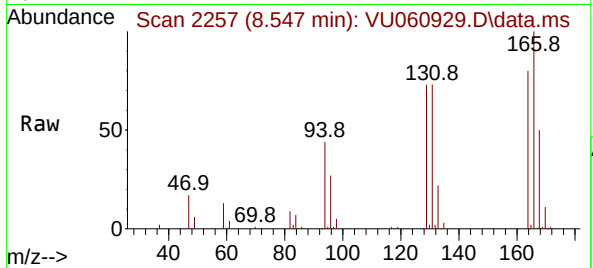
Tgt Ion: 95 Resp: 118925
Ion Ratio Lower Upper
95 100
97 64.3 44.9 83.5
132 105.1 63.5 117.9
130 112.2 70.2 130.4





#47
 Tetrachloroethene
 Concen: 8.158 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU060929.D
 Acq: 20 Sep 2024 06:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29



Tgt Ion:	164	Resp:	64348
Ion	Ratio	Lower	Upper
164	100		
129	91.7	67.3	124.9
131	91.2	65.4	121.4
166	125.0	89.5	166.1

