

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060879.D
 Acq On : 18 Sep 2024 18:49
 Operator : MD/SY
 Sample : P3952-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B35

Quant Time: Sep 19 05:16:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

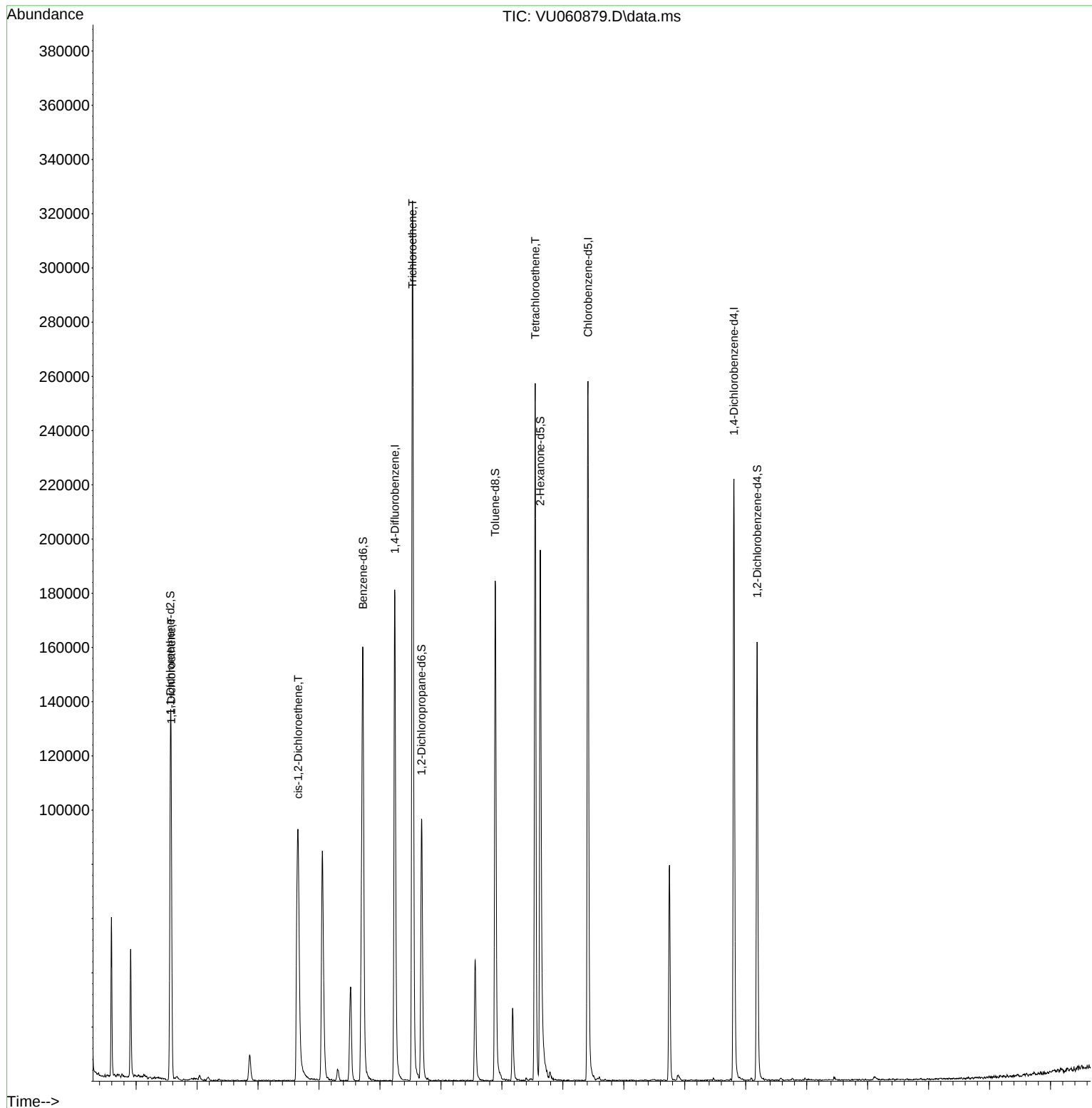
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	161096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41215	2.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.911	69	34932	3.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.560	65	16236	3.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	4.637	46	87843	37.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.520%
24) Chloroform-d	5.055	84	81167	3.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
26) 1,2-Dichloroethane-d4	5.695	65	40743	3.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	5.721	84	158686	3.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.682	67	52582	3.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.891	98	136679	3.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.177	79	18268	3.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.631	63	74999	38.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41824	3.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	49143	4.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	27826	2.746	ug/L	88
19) 1,1-Dichloroethane	3.862	63	12145	0.576	ug/L #	91
22) cis-1,2-Dichloroethene	4.660	96	32955	2.836	ug/L	89
25) Chloroform	5.075	83	10044	0.457	ug/L	94
31) Carbon tetrachloride	5.518	117	25593	1.598	ug/L	97
34) Trichloroethene	6.534	95	116455	9.643	ug/L	94
47) Tetrachloroethene	8.547	164	61778	6.437	ug/L	98

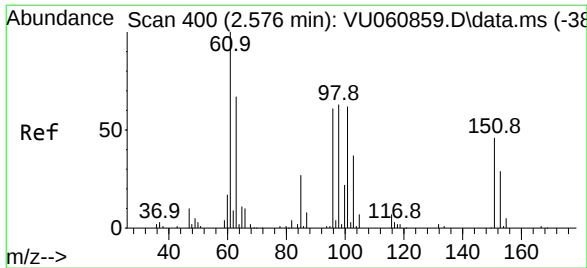
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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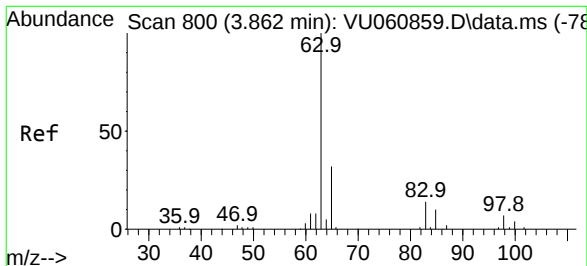
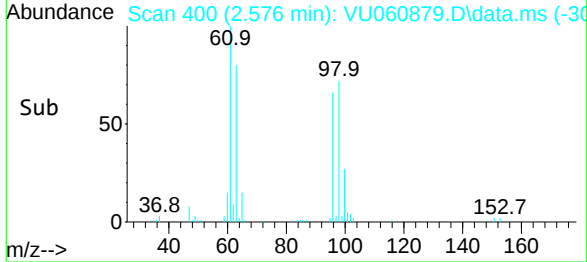
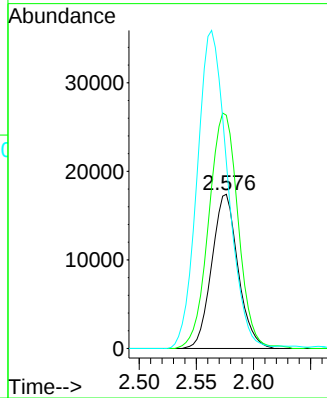
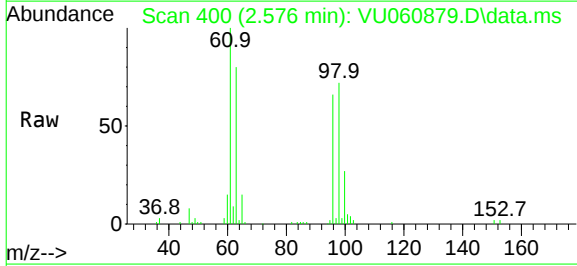




#12
1,1-Dichloroethene
Concen: 2.746 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

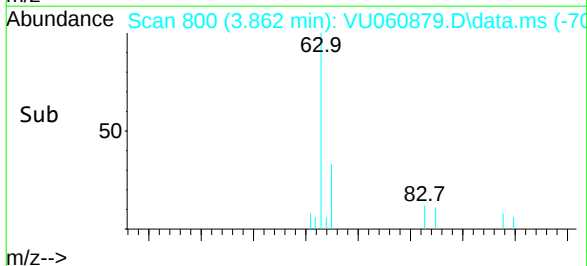
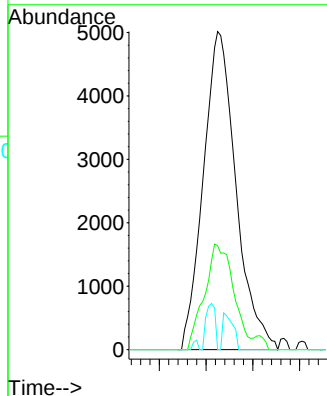
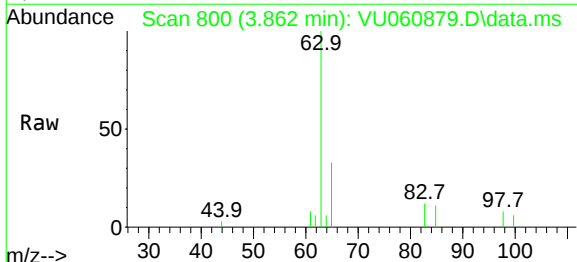
Instrument :
MSVOA_U
ClientSampleId :
C0B35

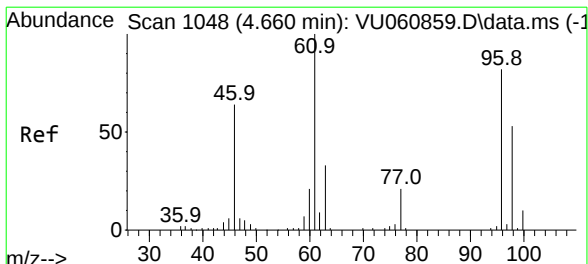
Tgt Ion: 96 Resp: 27826
Ion Ratio Lower Upper
96 100
61 151.3 120.7 224.1
63 121.0 90.0 167.2



#19
1,1-Dichloroethane
Concen: 0.576 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

Tgt Ion: 63 Resp: 12145
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.8
83 0.0 9.0 16.6#

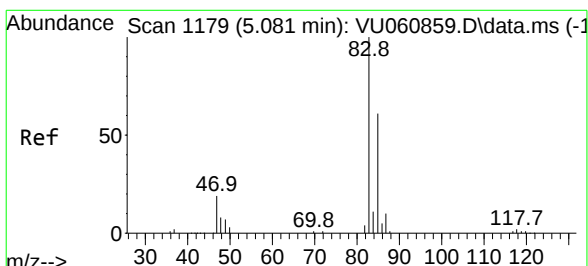
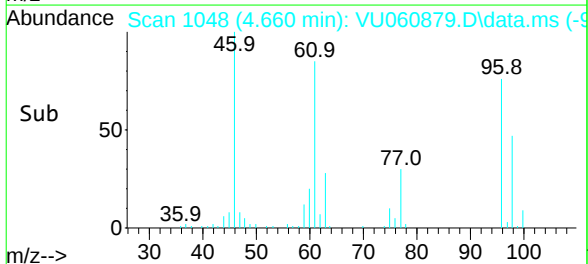
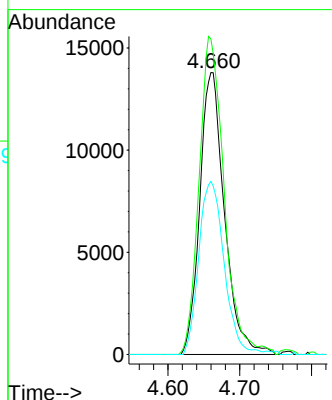
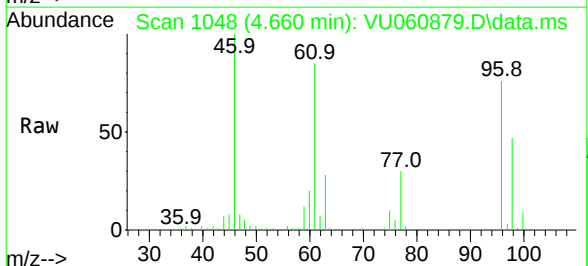




#22
 cis-1,2-Dichloroethene
 Concen: 2.836 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060879.D
 Acq: 18 Sep 2024 18:49

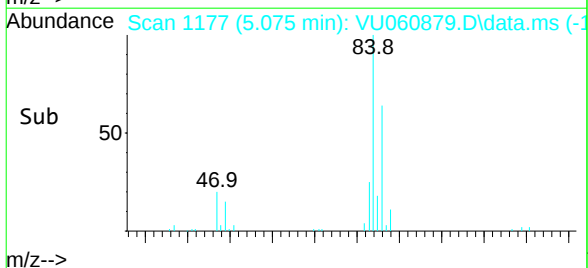
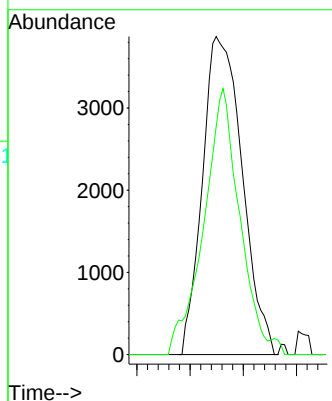
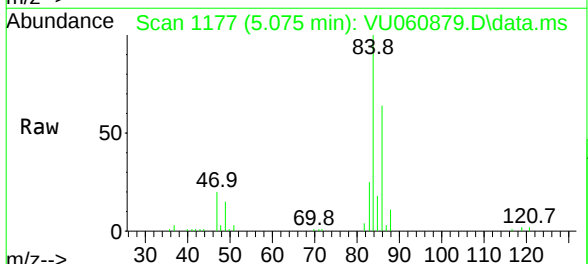
Instrument :
 MSVOA_U
 ClientSampleId :
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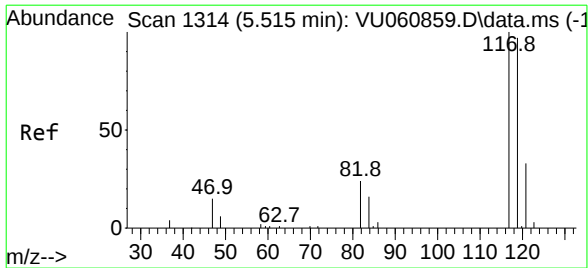
Tgt Ion:	96	Resp:	32955
Ion	Ratio	Lower	Upper
96	100		
61	111.9	89.7	166.5
98	61.4	45.1	83.9



#25
 Chloroform
 Concen: 0.457 ug/L
 RT: 5.075 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: VU060879.D
 Acq: 18 Sep 2024 18:49

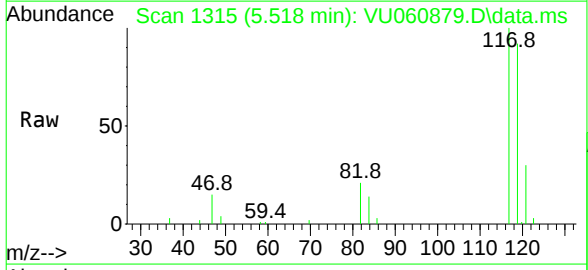
Tgt Ion:	83	Resp:	10044
Ion	Ratio	Lower	Upper
83	100		
85	71.6	46.8	86.8



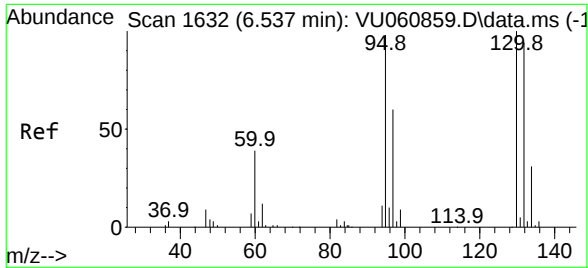
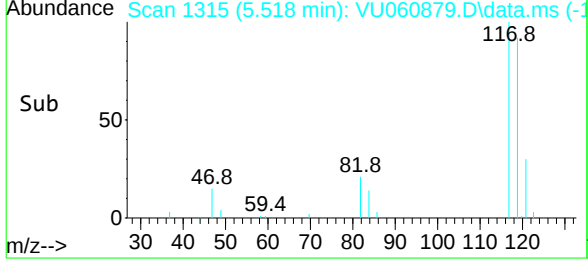
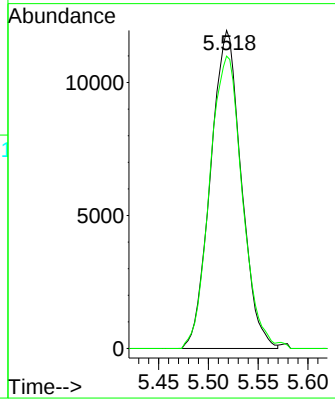


#31
Carbon tetrachloride
Concen: 1.598 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

Instrument :
MSVOA_U
ClientSampleId :
C0B35

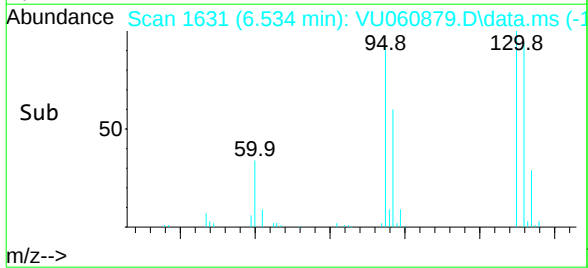
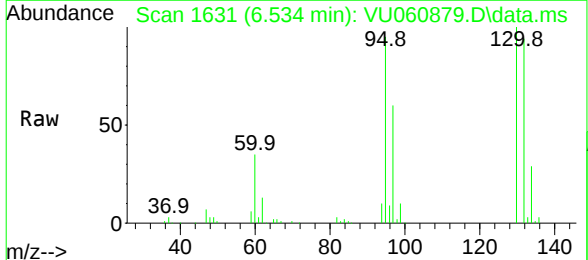
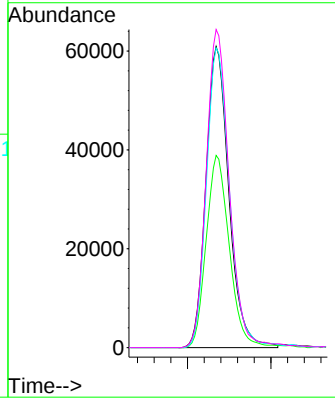


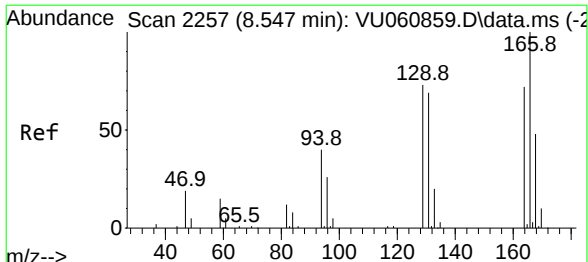
Tgt Ion: 117 Resp: 25593
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5



#34
Trichloroethene
Concen: 9.643 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

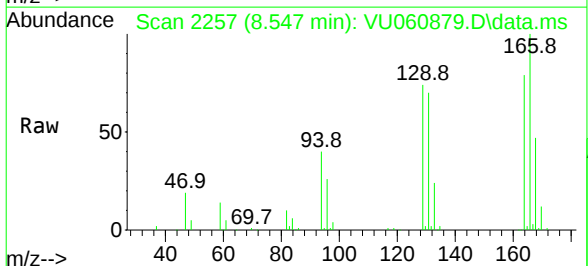
Tgt Ion: 95 Resp: 116455
Ion Ratio Lower Upper
95 100
97 63.8 44.9 83.5
132 99.6 63.5 117.9
130 105.6 70.2 130.4





#47
 Tetrachloroethene
 Concen: 6.437 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU060879.D
 Acq: 18 Sep 2024 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	61778
Ion	Ratio	Lower	Upper
164	100		
129	94.5	67.3	124.9
131	88.5	65.4	121.4
166	127.1	89.5	166.1

