

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060898.D
 Acq On : 19 Sep 2024 15:08
 Operator : MD/SY
 Sample : P3952-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B46

Quant Time: Sep 19 23:57:55 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)

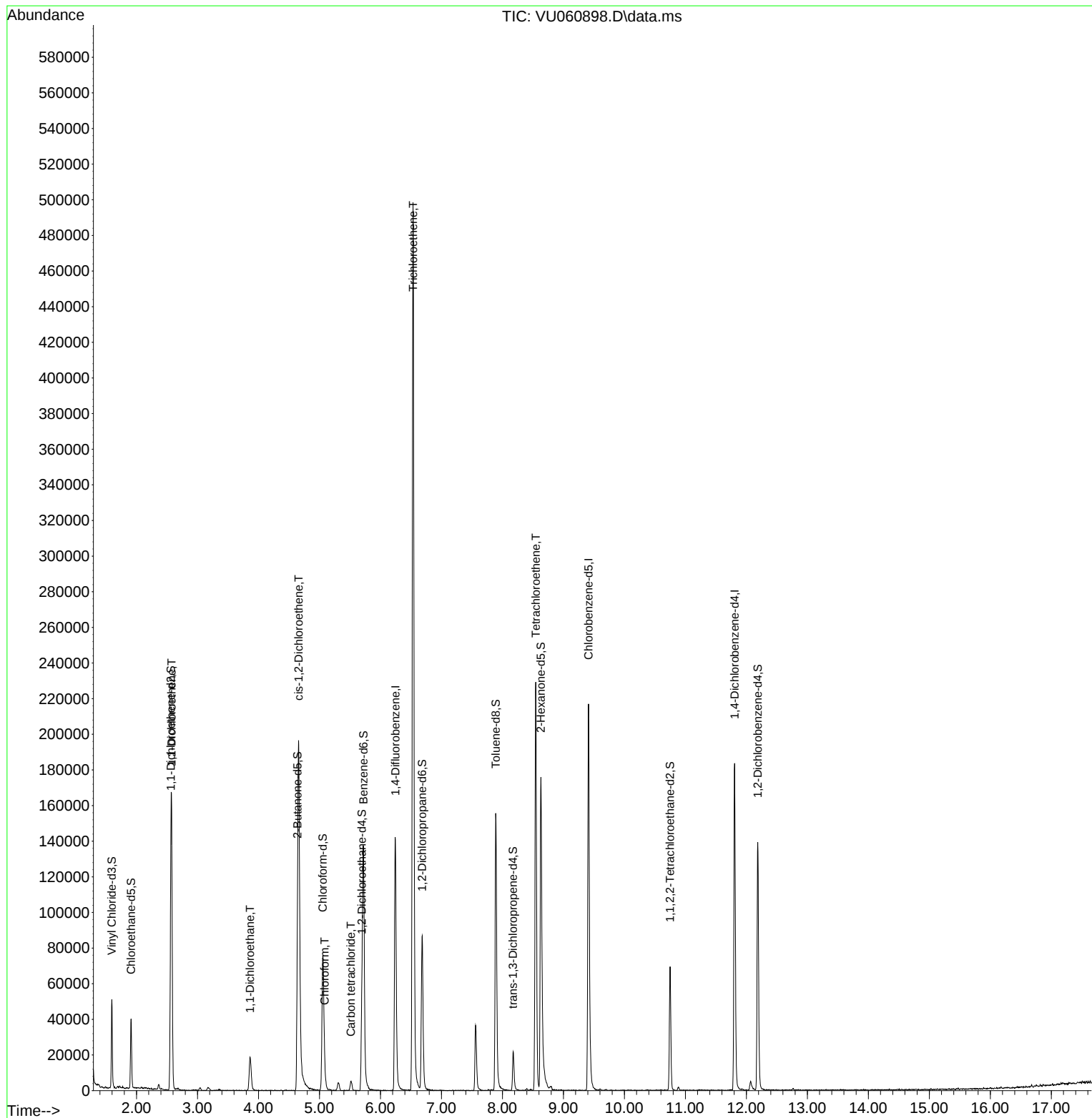
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	126414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34098	2.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.911	69	29864	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	13623	3.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.640	46	81229	44.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.000%
24) Chloroform-d	5.055	84	74070	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	37887	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	135828	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.685	67	44145	3.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.891	98	113394	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.174	79	14623	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	65491	41.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36232	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43175	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	44755	5.628	ug/L	81
19) 1,1-Dichloroethane	3.862	63	23305	1.409	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	90816	9.959	ug/L	96
25) Chloroform	5.084	83	8540	0.495	ug/L	92
31) Carbon tetrachloride	5.515	117	3898	0.306	ug/L	98
34) Trichloroethene	6.534	95	178549	18.564	ug/L	97
47) Tetrachloroethene	8.547	164	55621	7.277	ug/L	98

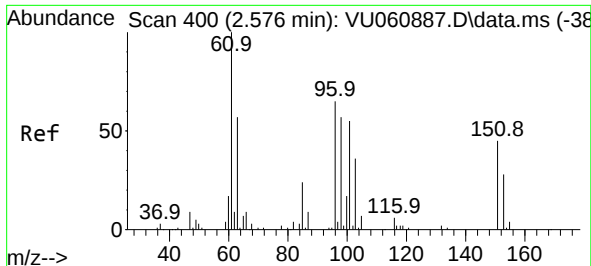
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.628 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060898.D

Acq: 19 Sep 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :

C0B46

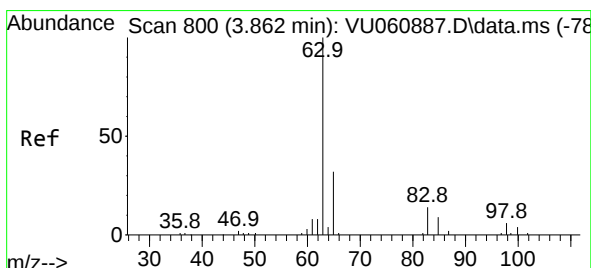
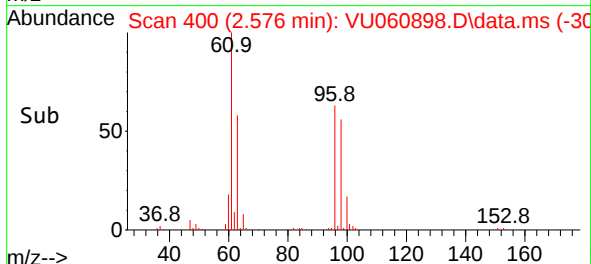
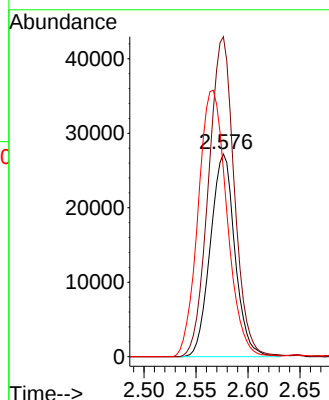
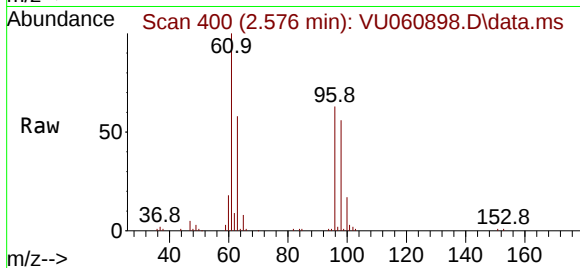
Tgt Ion: 96 Resp: 44755

Ion Ratio Lower Upper

96 100

61 157.9 120.7 224.1

63 92.3 90.0 167.2



#19

1,1-Dichloroethane

Concen: 1.409 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU060898.D

Acq: 19 Sep 2024 15:08

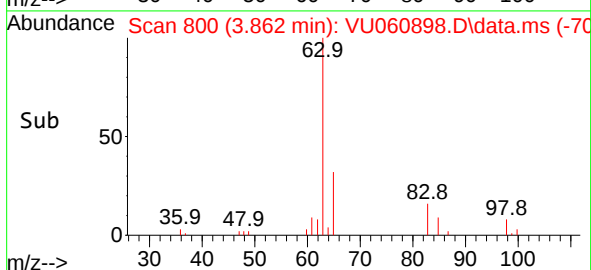
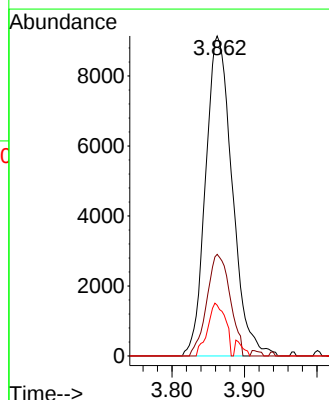
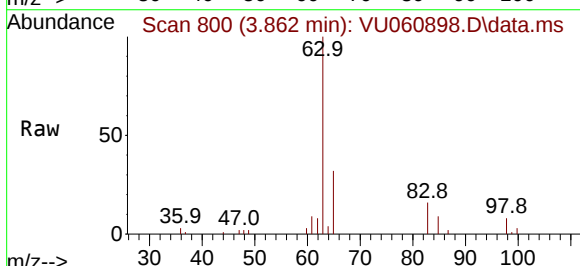
Tgt Ion: 63 Resp: 23305

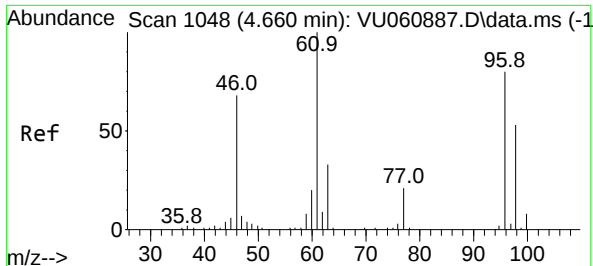
Ion Ratio Lower Upper

63 100

65 31.8 23.0 42.8

83 15.9 9.0 16.6

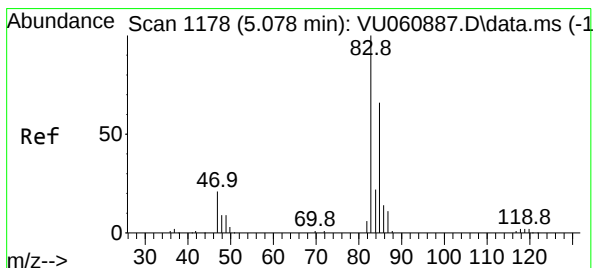
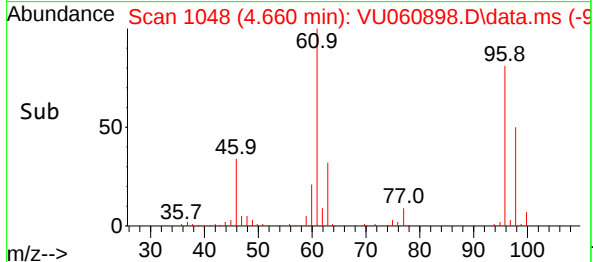
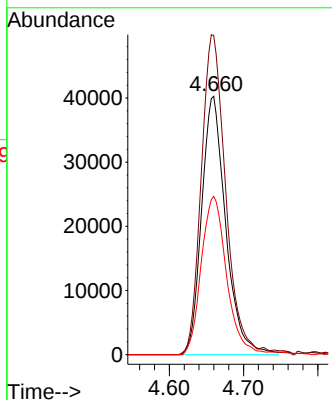
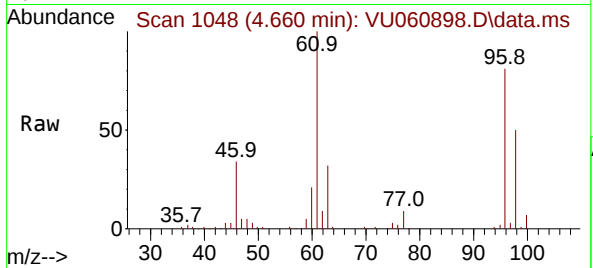




#22
 cis-1,2-Dichloroethene
 Concen: 9.959 ug/L
 RT: 4.660 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VU060898.D
 Acq: 19 Sep 2024 15:08

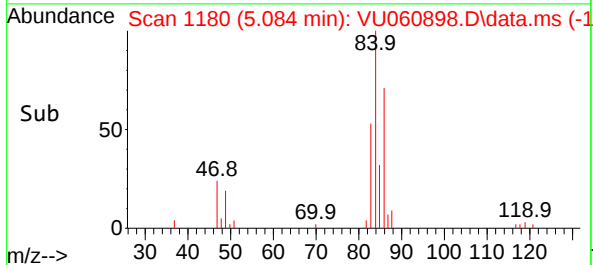
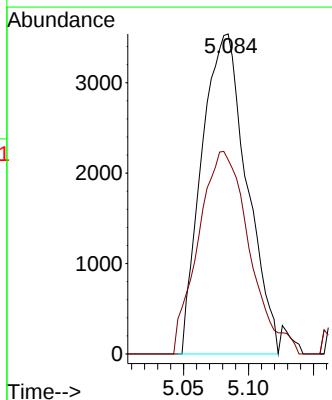
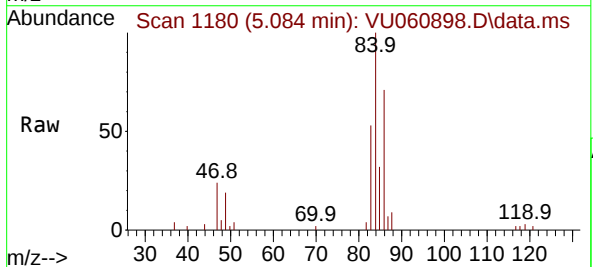
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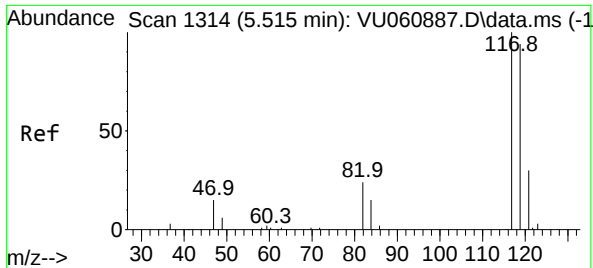
Tgt Ion: 96 Resp: 90816
 Ion Ratio Lower Upper
 96 100
 61 123.5 89.7 166.5
 98 61.3 45.1 83.9



#25
 Chloroform
 Concen: 0.495 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. 0.007 min
 Lab File: VU060898.D
 Acq: 19 Sep 2024 15:08

Tgt Ion: 83 Resp: 8540
 Ion Ratio Lower Upper
 83 100
 85 60.7 46.8 86.8

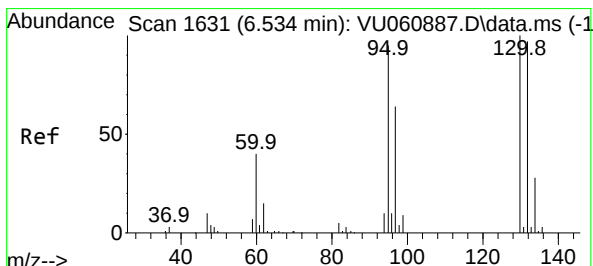
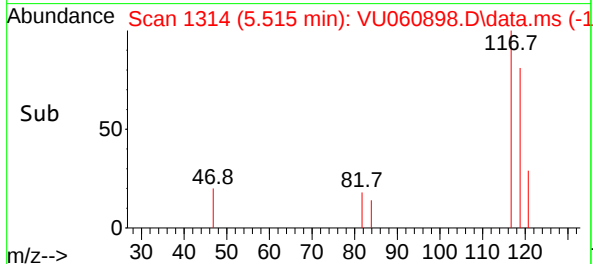
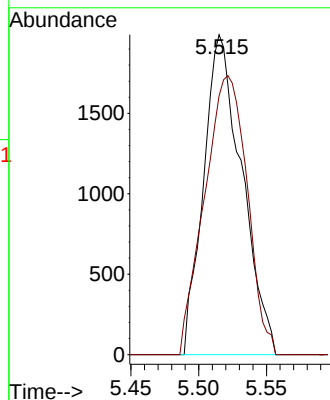
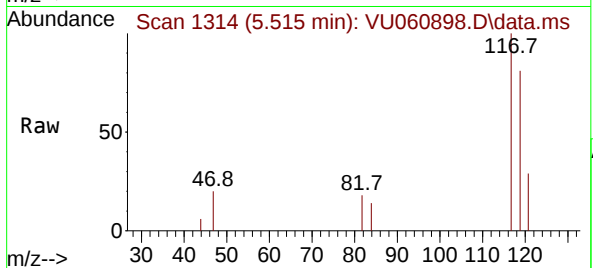




#31
Carbon tetrachloride
Concen: 0.306 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

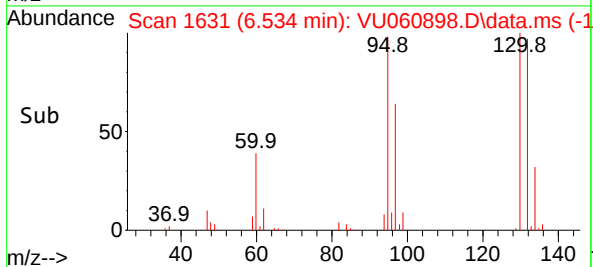
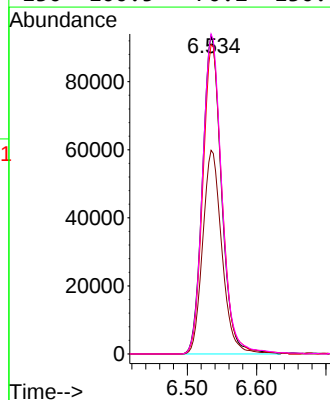
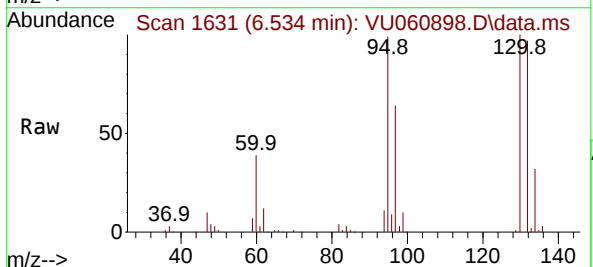
Instrument :
MSVOA_U
ClientSampleId :
C0B46

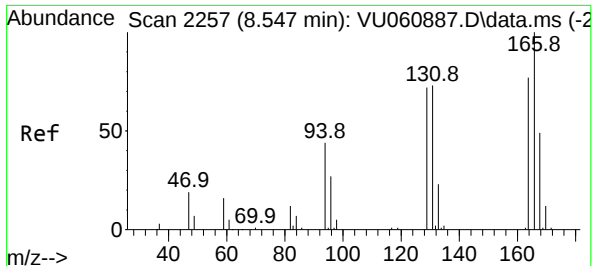
Tgt Ion:117 Resp: 3898
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5



#34
Trichloroethene
Concen: 18.564 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

Tgt Ion: 95 Resp: 178549
Ion Ratio Lower Upper
95 100
97 64.0 44.9 83.5
132 97.2 63.5 117.9
130 100.5 70.2 130.4





#47
 Tetrachloroethene
 Concen: 7.277 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU060898.D
 Acq: 19 Sep 2024 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B46

Tgt Ion:164	Resp:	55621
Ion	Ratio	Lower Upper
164	100	
129	97.2	67.3 124.9
131	90.0	65.4 121.4
166	126.8	89.5 166.1

