

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
 Data File : VU061000.D
 Acq On : 25 Sep 2024 13:33
 Operator : MD/SY
 Sample : P4186-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY049

Quant Time: Sep 26 05:38:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 26 05:34:11 2024
 Response via : Initial Calibration

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

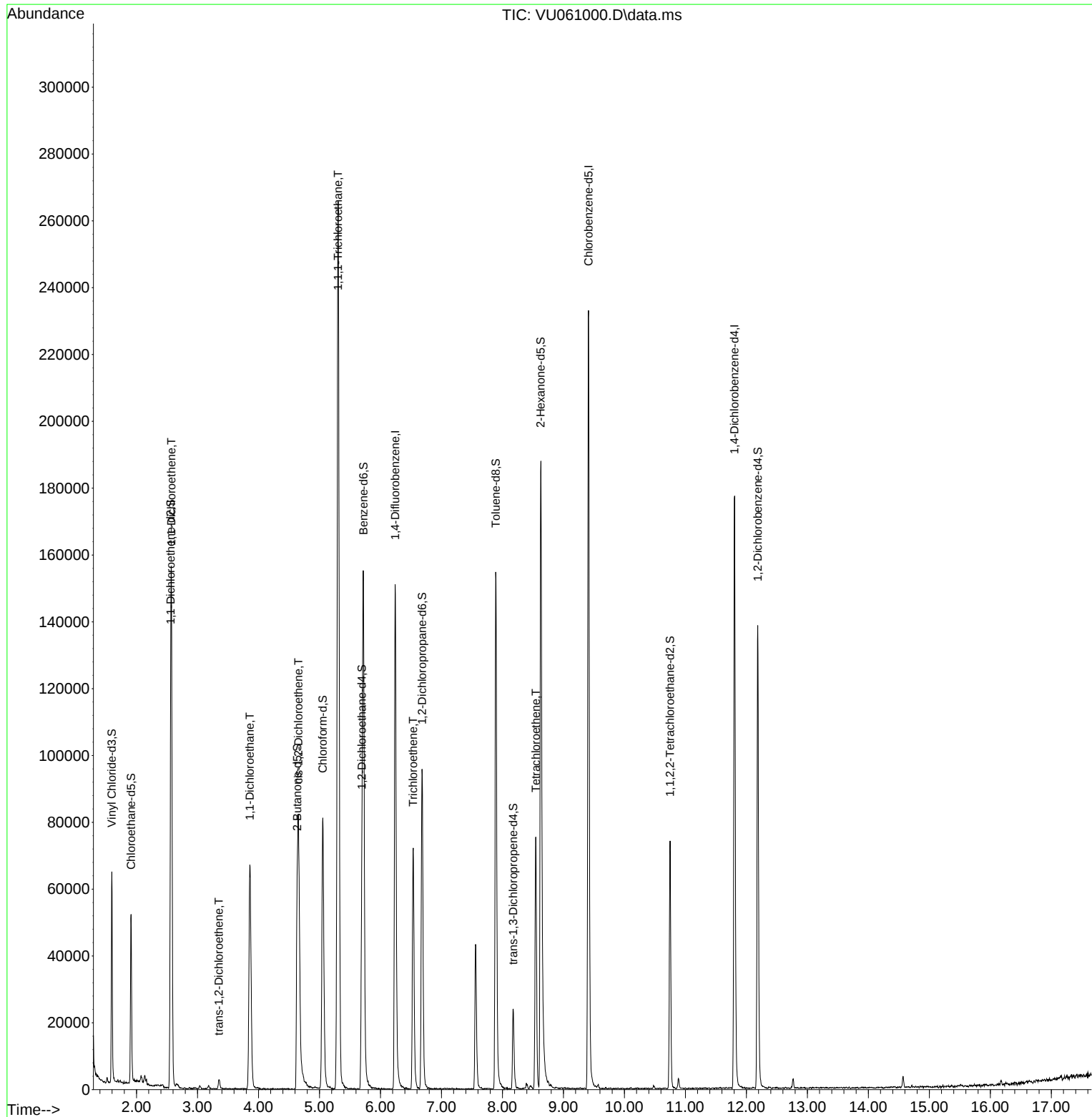
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44715	3.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	37609	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	16264	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.634	46	93102	50.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.820%
24) Chloroform-d	5.055	84	80827	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	42198	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.721	84	149378	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.682	67	50184	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	114133	3.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.177	79	16064	3.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	69911	43.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39694	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39079	4.559	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	37005	4.645	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	1310	0.159	ug/L	78
19) 1,1-Dichloroethane	3.859	63	81332	4.907	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	26268	2.875	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	201663	13.562	ug/L	100
34) Trichloroethene	6.534	95	27650	2.785	ug/L	94
47) Tetrachloroethene	8.547	164	17599	2.231	ug/L	97

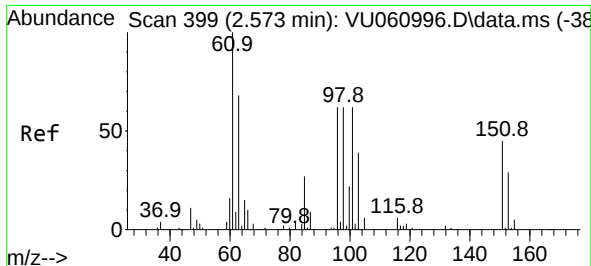
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 26 05:34:11 2024
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#12

1,1-Dichloroethene

Concen: 4.645 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

EY049

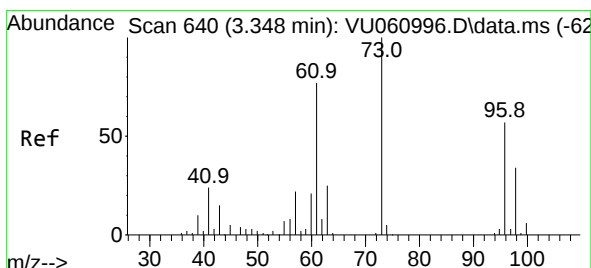
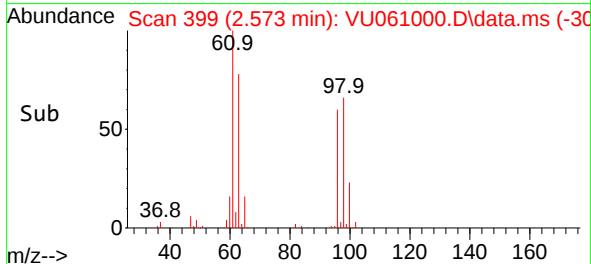
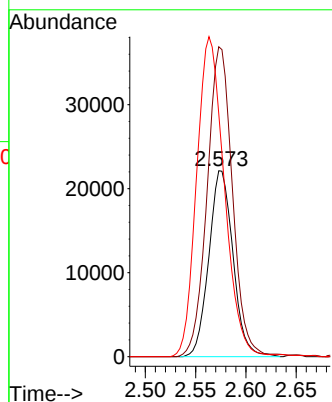
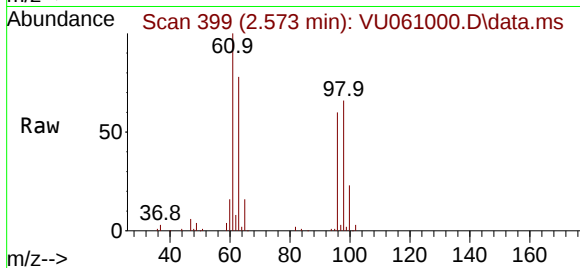
Tgt Ion: 96 Resp: 37005

Ion Ratio Lower Upper

96 100

61 166.7 120.7 224.1

63 130.8 90.0 167.2



#18

trans-1,2-Dichloroethene

Concen: 0.159 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

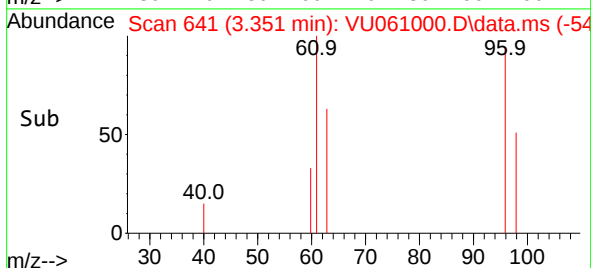
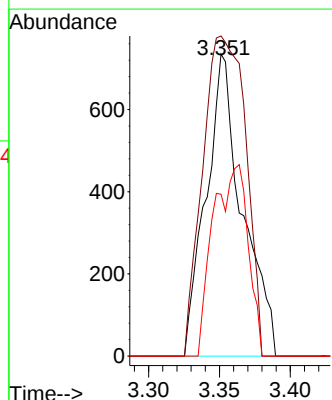
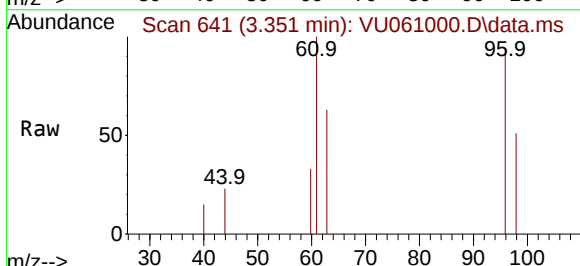
Tgt Ion: 96 Resp: 1310

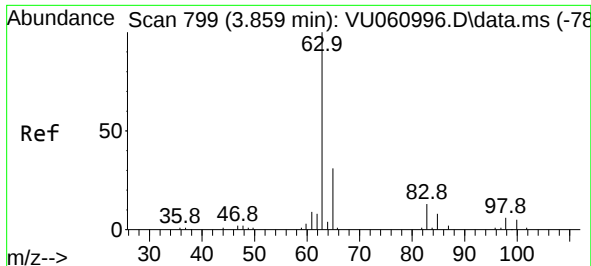
Ion Ratio Lower Upper

96 100

61 106.0 97.2 180.6

98 53.6 43.3 80.5





#19

1,1-Dichloroethane

Concen: 4.907 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

Instrument :

MSVOA_U

ClientSampleId :

EY049

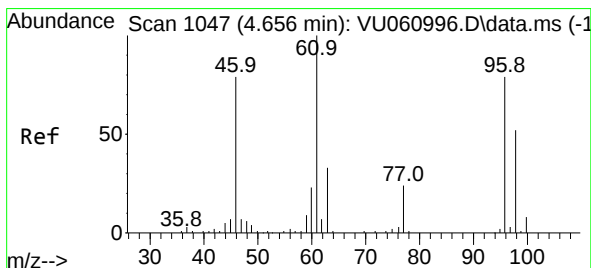
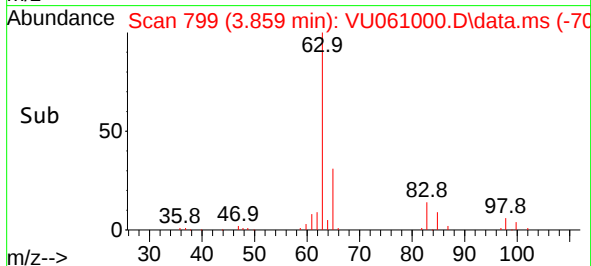
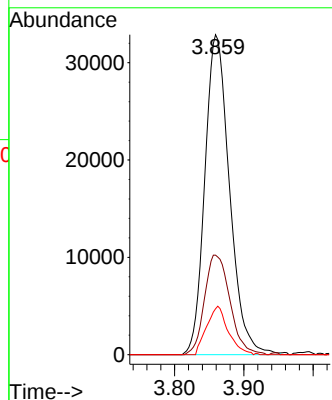
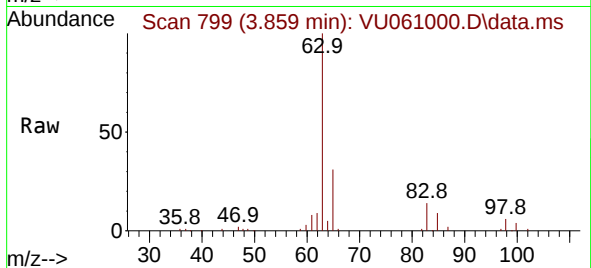
Tgt Ion: 63 Resp: 81332

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 14.4 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 2.875 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU061000.D

Acq: 25 Sep 2024 13:33

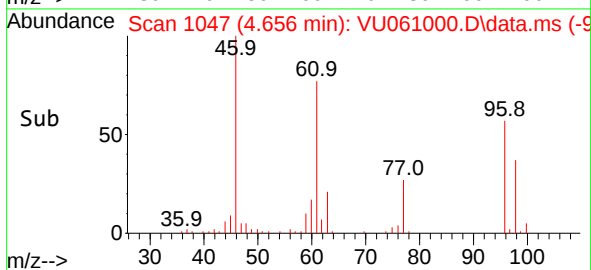
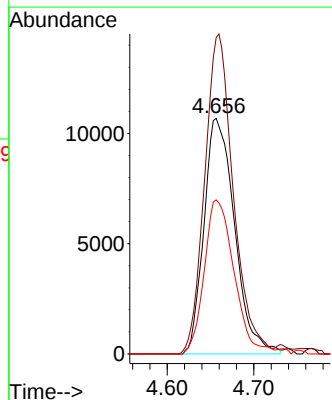
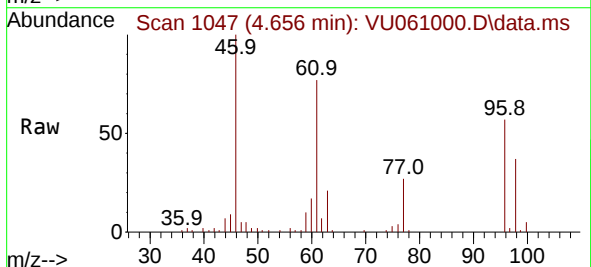
Tgt Ion: 96 Resp: 26268

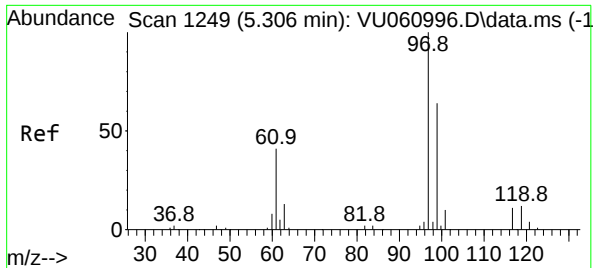
Ion Ratio Lower Upper

96 100

61 129.6 89.7 166.5

98 64.7 45.1 83.9



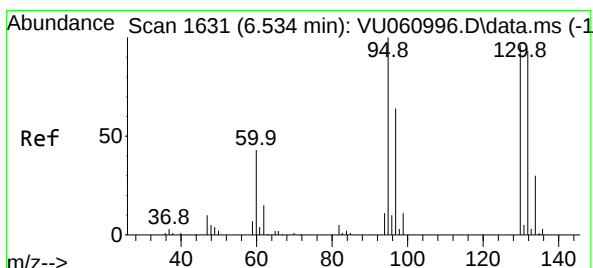
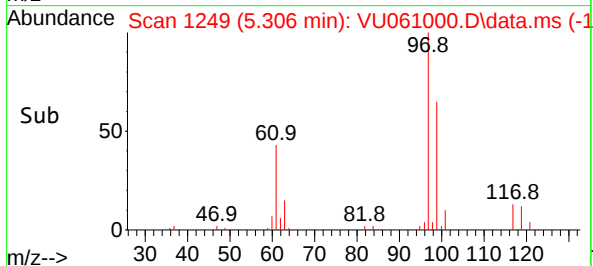
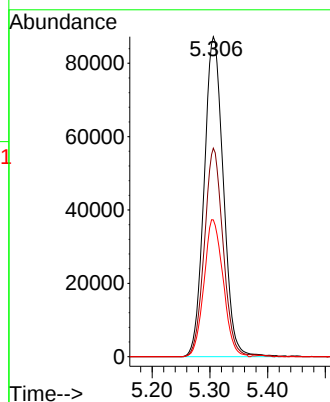
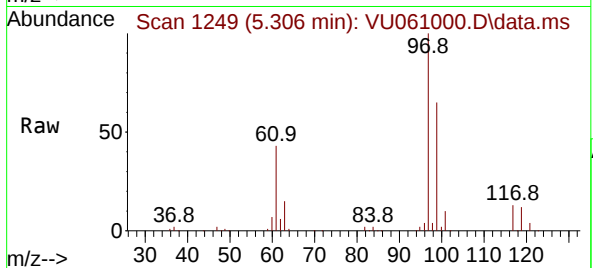


#29
1,1,1-Trichloroethane
Concen: 13.562 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :
EY049

Tgt Ion: 97 Resp: 201663

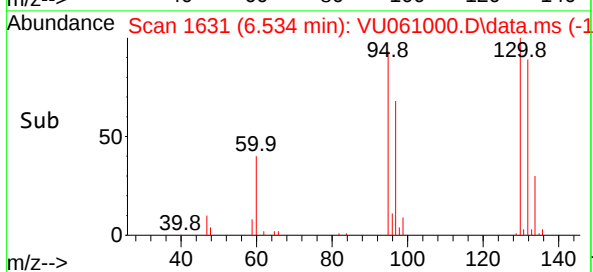
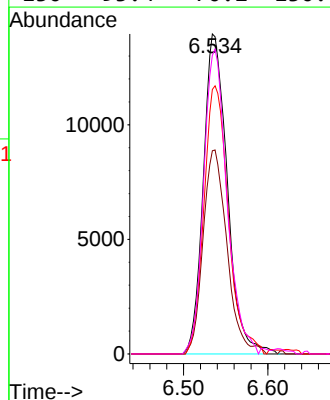
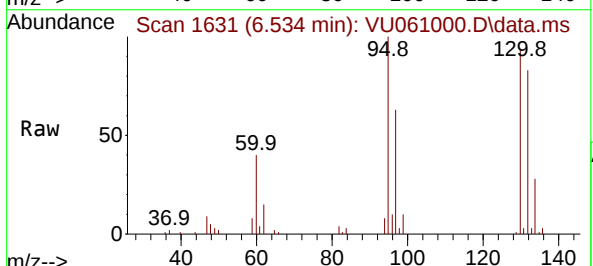
Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.5	75.7
61	42.7	34.4	51.6

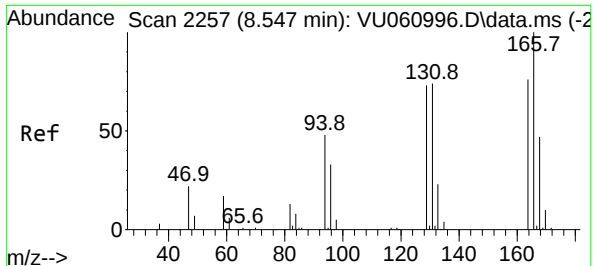


#34
Trichloroethene
Concen: 2.785 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Tgt Ion: 95 Resp: 27650

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.9	83.5
132	82.7	63.5	117.9
130	93.4	70.2	130.4





#47
Tetrachloroethene
Concen: 2.231 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061000.D
Acq: 25 Sep 2024 13:33

Instrument :
MSVOA_U
ClientSampleId :
EY049

Tgt Ion:164	Resp:	17599
Ion	Ratio	Lower Upper
164	100	
129	93.4	67.3 124.9
131	96.1	65.4 121.4
166	122.8	89.5 166.1

