

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062741.D
 Acq On : 14 Jan 2025 14:06
 Operator : MD/SY
 Sample : Q1057-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W0

Quant Time: Jan 15 00:34:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

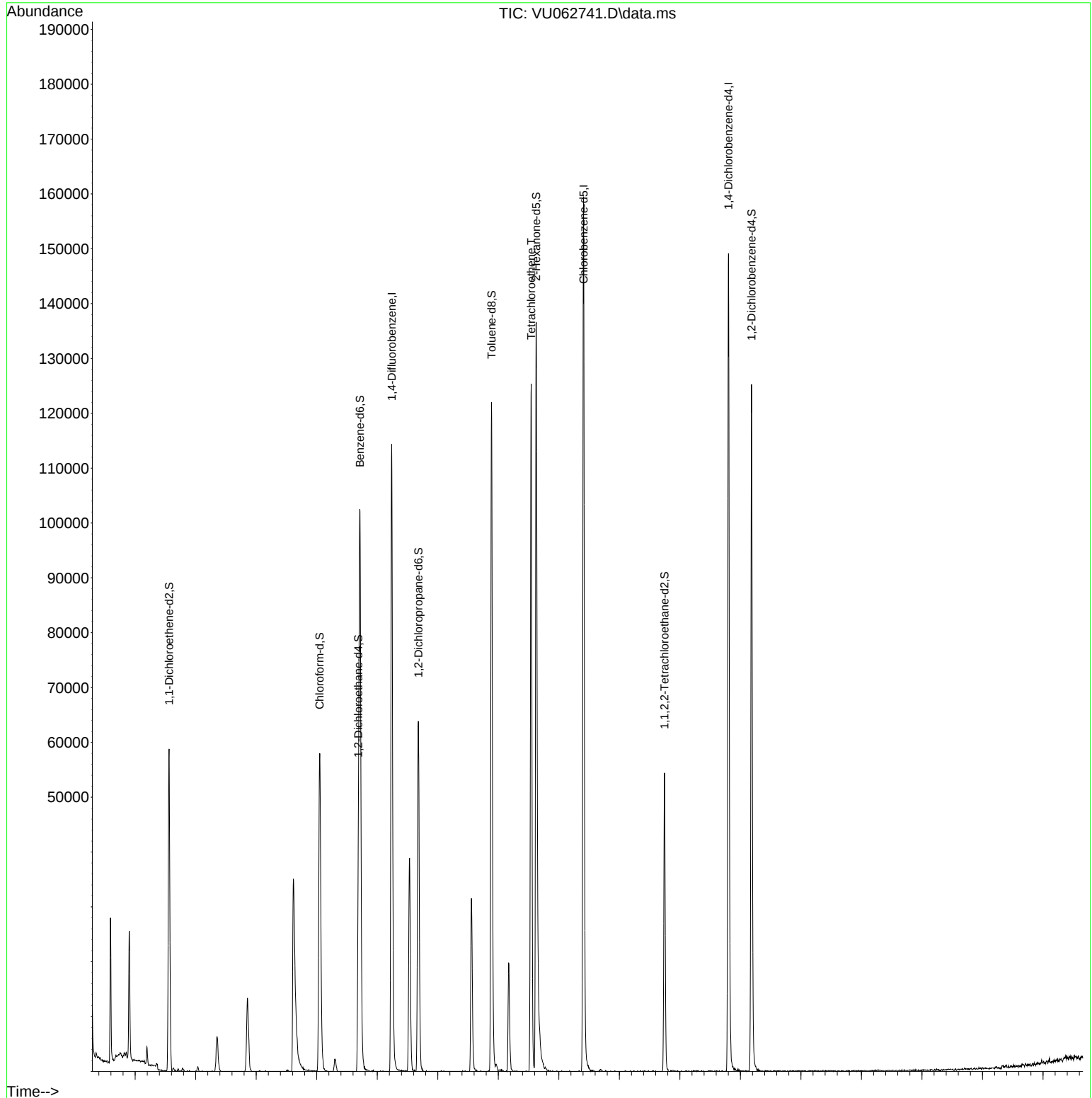
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17513	3.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.904	69	16390	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	10288	3.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.615	46	57629	53.301	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.049	84	57241	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.689	65	34237	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.714	84	95377	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.679	67	28636	4.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	85891	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.171	79	13105	4.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.624	63	49387	51.850	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25621	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	34997	4.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2010	0.300	ug/L	92
12) 1,1-Dichloroethene	2.570	96	2939	0.496	ug/L #	1
17) Methyl tert-butyl Ether	3.351	73	8015	0.492	ug/L	98
19) 1,1-Dichloroethane	3.856	63	15672	1.380	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	1486	0.215	ug/L	87
34) Trichloroethene	6.531	95	14030	1.595	ug/L	94
47) Tetrachloroethene	8.544	164	28002	4.621	ug/L	99

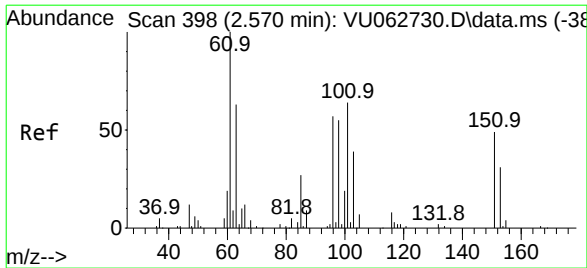
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration

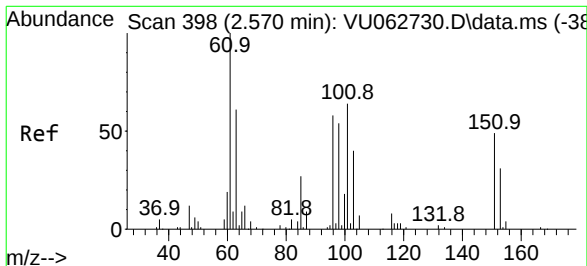
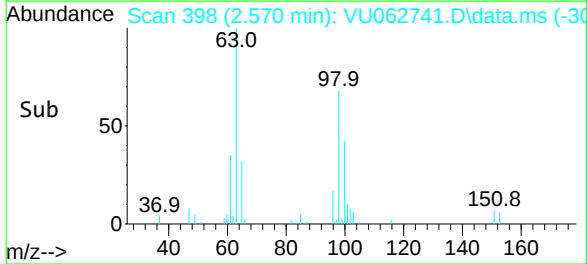
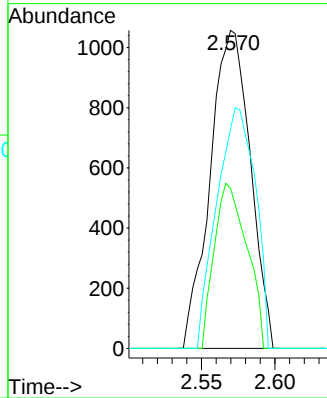
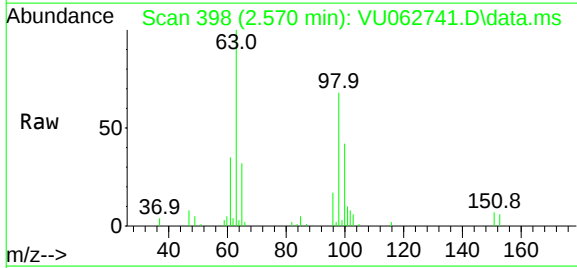




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.300 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062741.D
Acq: 14 Jan 2025 14:06

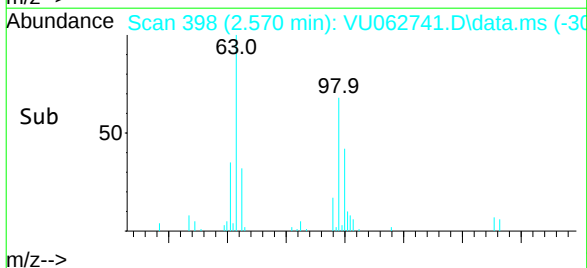
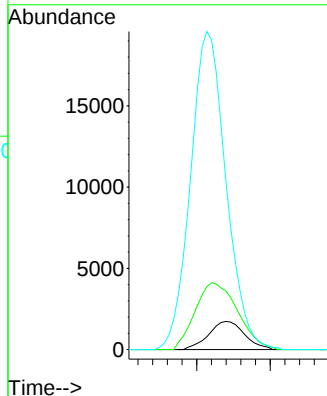
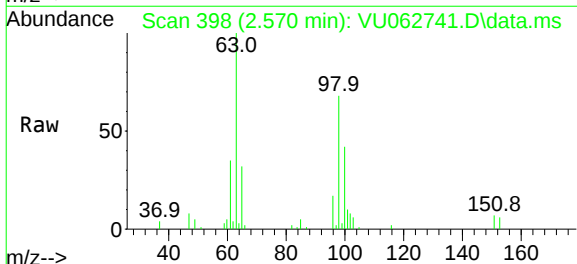
Instrument :
MSVOA_U
ClientSampleId :
BH8W0

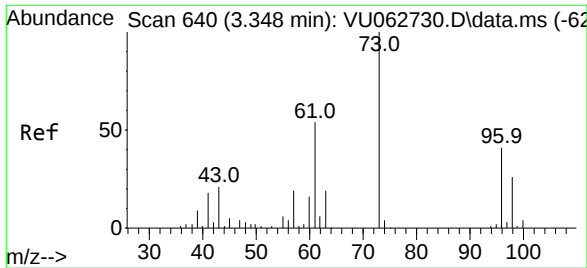
Tgt Ion:	101	Resp:	2010
Ion	Ratio	Lower	Upper
101	100		
85	42.1	37.0	55.6
151	72.5	64.4	96.6



#12
1,1-Dichloroethene
Concen: 0.496 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062741.D
Acq: 14 Jan 2025 14:06

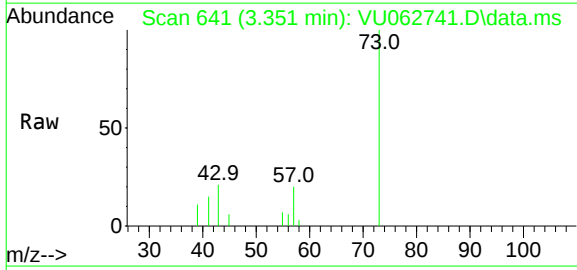
Tgt Ion:	96	Resp:	2939
Ion	Ratio	Lower	Upper
96	100		
61	208.5	120.4	223.6
63	600.6	82.3	152.9



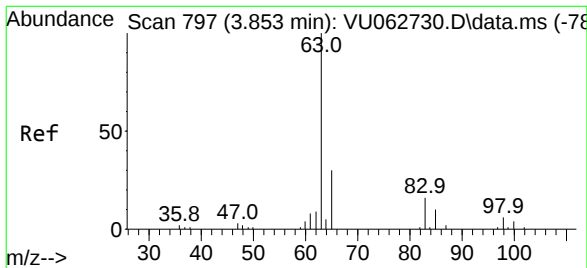
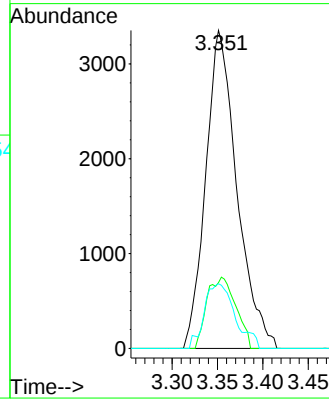
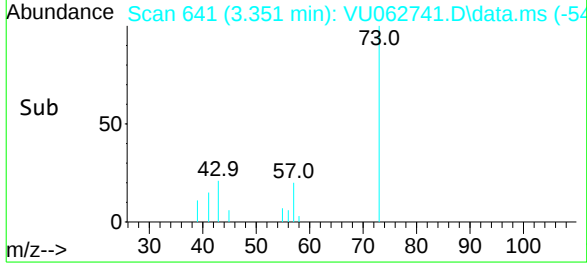


#17
Methyl tert-butyl Ether
Concen: 0.492 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062741.D
Acq: 14 Jan 2025 14:06

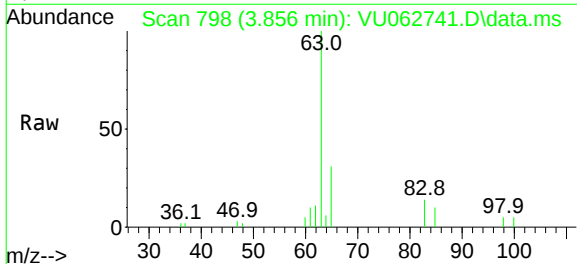
Instrument :
MSVOA_U
ClientSampleId :
BH8W0



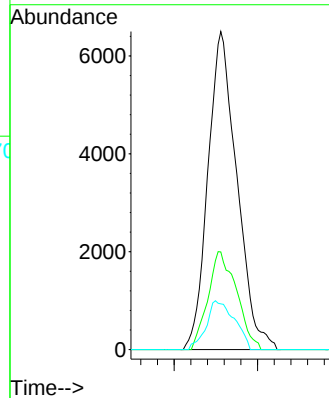
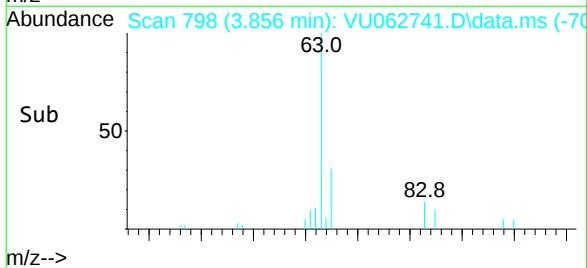
Tgt Ion: 73 Resp: 8015
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.4
57 20.1 14.6 22.0

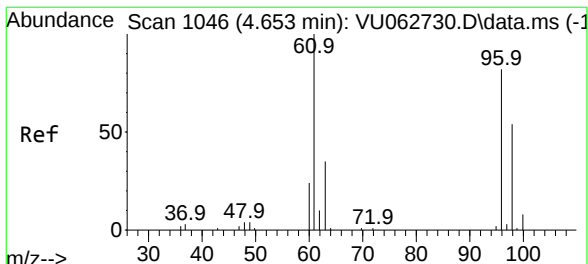


#19
1,1-Dichloroethane
Concen: 1.380 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062741.D
Acq: 14 Jan 2025 14:06



Tgt Ion: 63 Resp: 15672
Ion Ratio Lower Upper
63 100
65 30.7 20.7 38.5
83 14.4 10.5 19.5

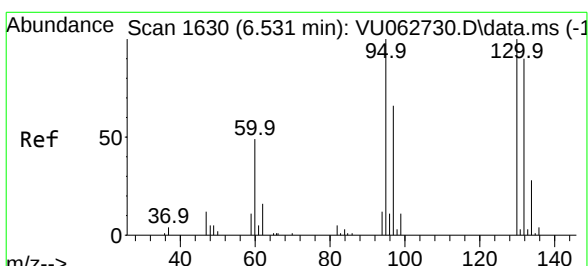
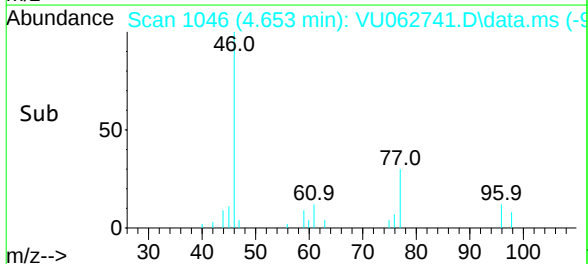
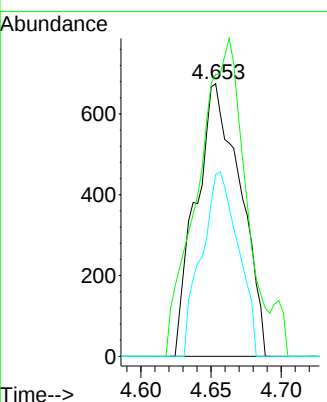
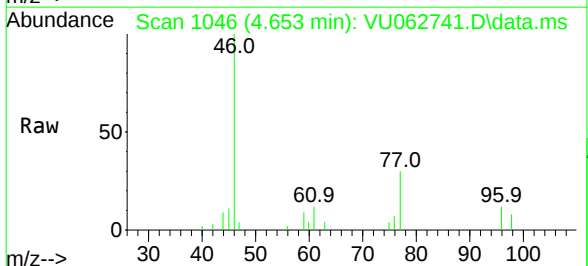




#22
 cis-1,2-Dichloroethene
 Concen: 0.215 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062741.D
 Acq: 14 Jan 2025 14:06

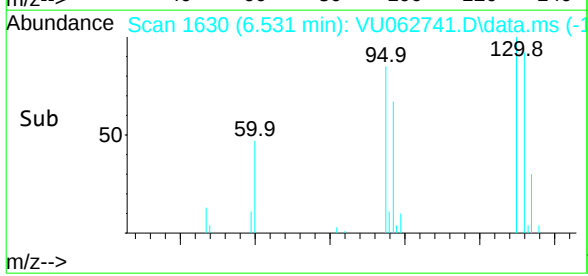
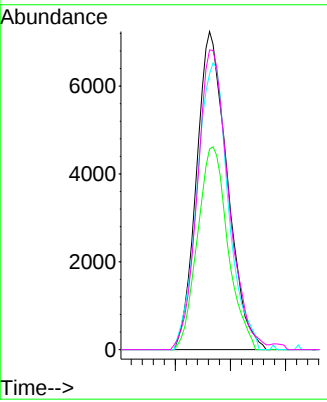
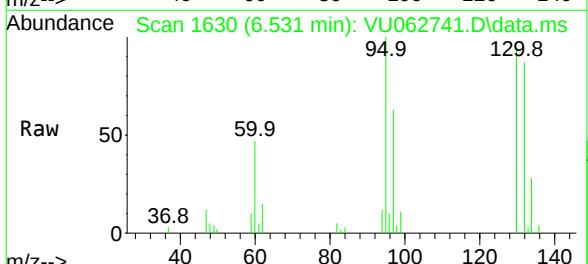
Instrument :
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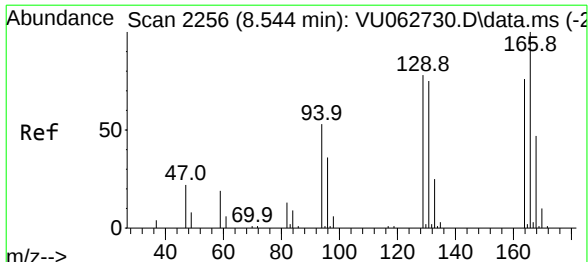
Tgt Ion: 96	Resp: 1486
Ion Ratio	Lower Upper
96 100	
61 103.4	84.8 157.6
98 66.7	43.1 80.1



#34
 Trichloroethene
 Concen: 1.595 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062741.D
 Acq: 14 Jan 2025 14:06

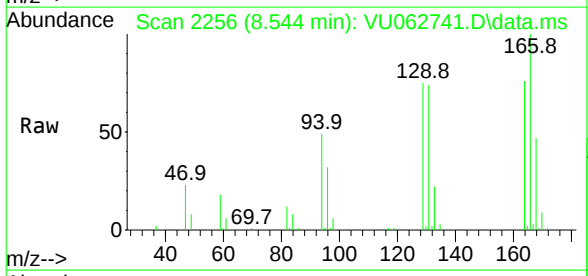
Tgt Ion: 95	Resp: 14030
Ion Ratio	Lower Upper
95 100	
97 63.1	47.5 88.3
132 86.7	66.9 124.3
130 94.2	68.6 127.4





#47
 Tetrachloroethene
 Concen: 4.621 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU062741.D
 Acq: 14 Jan 2025 14:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W0



Tgt Ion:	164	Resp:	28002
Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.0	131.9
131	97.9	69.4	129.0
166	131.5	92.7	172.3

