

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061574.D
 Acq On : 09 Nov 2024 03:00
 Operator : MD/SY
 Sample : P4748-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP73

Quant Time: Nov 11 00:11:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

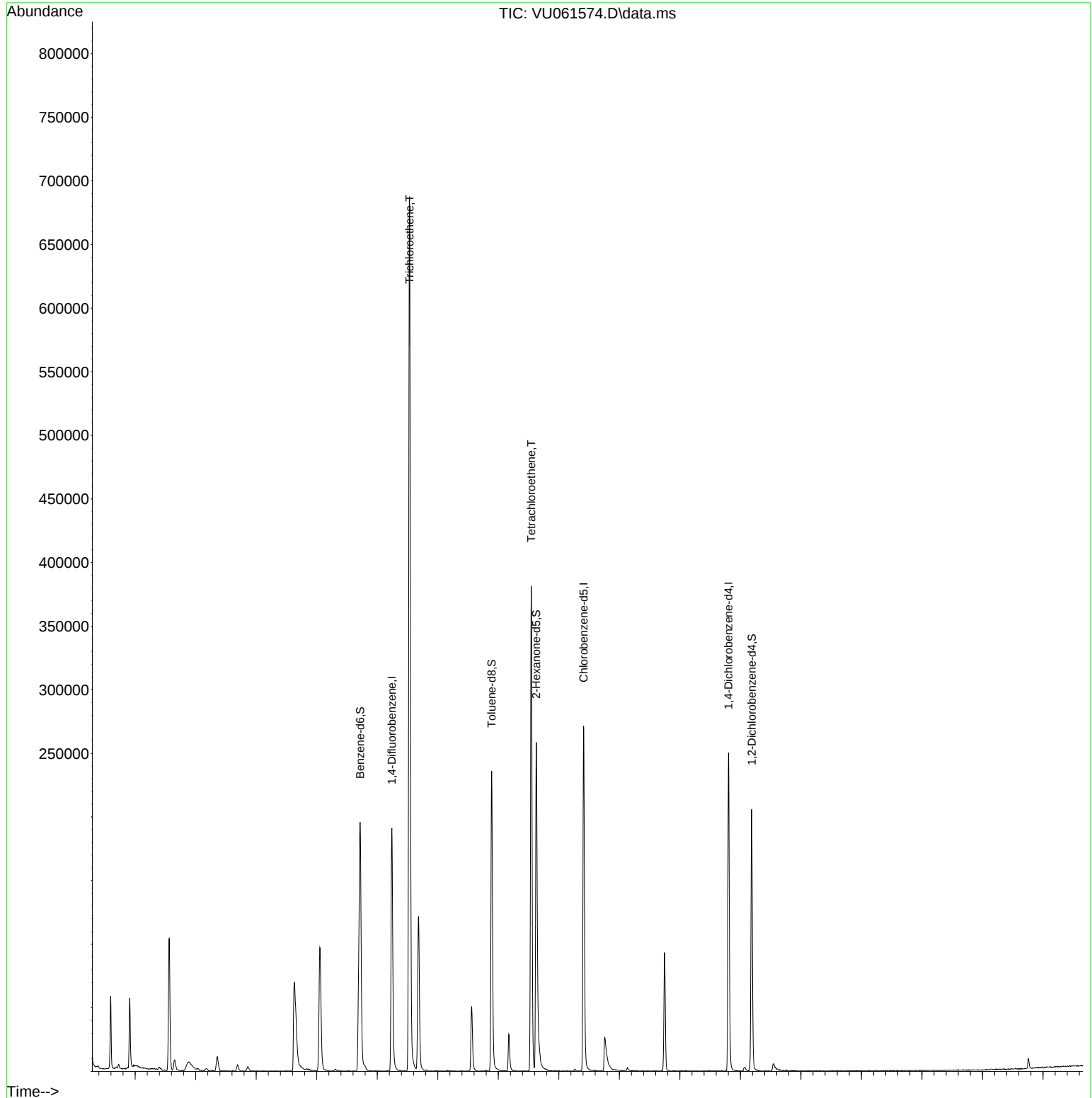
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38859	3.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.911	69	39830	3.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	19501	4.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.627	46	113511	49.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.020%
24) Chloroform-d	5.052	84	94058	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	48226	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.717	84	192338	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	60255	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	170248	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	17653	3.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.627	63	96346	42.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46487	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	57660	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.570	96	2153	0.219	ug/L	# 1
13) Acetone	2.650	43	12854	8.852	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	13093	0.492	ug/L	99
19) 1,1-Dichloroethane	3.862	63	4651	0.227	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	8415	0.678	ug/L	90
34) Trichloroethene	6.534	95	240857	18.089	ug/L	98
47) Tetrachloroethene	8.544	164	84159	9.050	ug/L	99

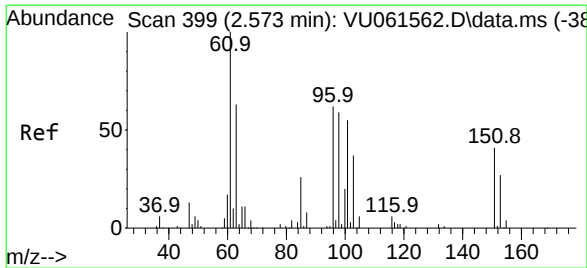
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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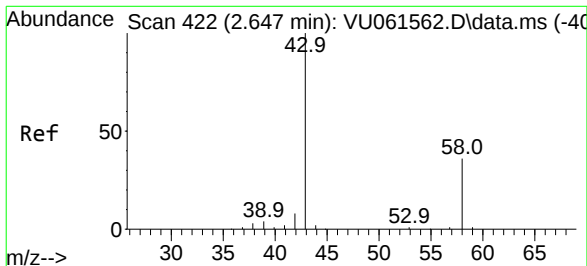
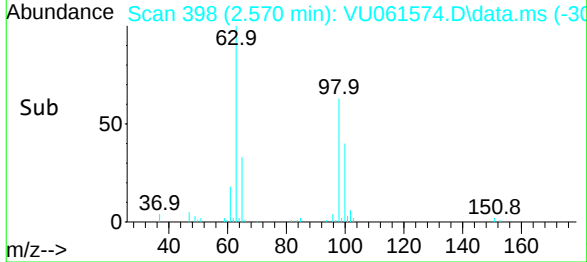
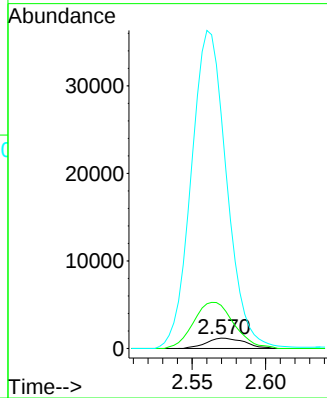
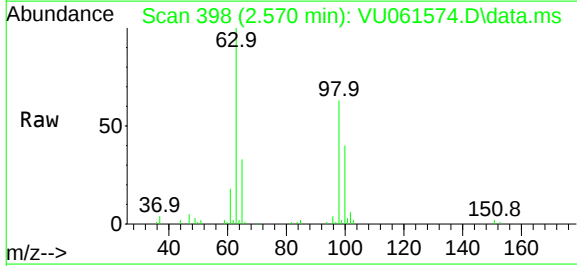




#12
1,1-Dichloroethene
Concen: 0.219 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

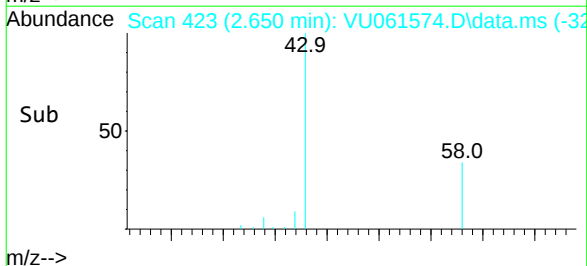
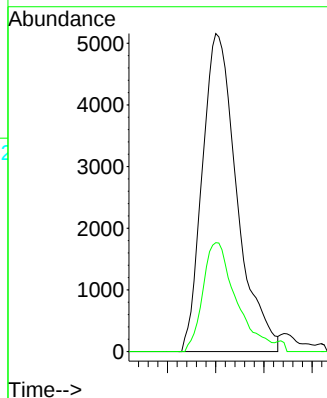
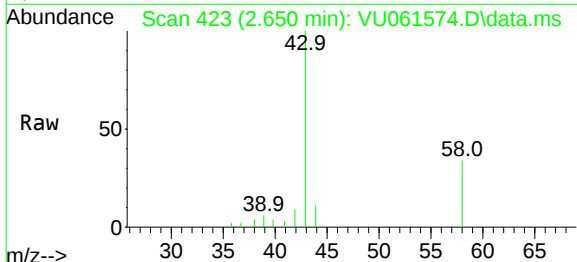
Instrument :
MSVOA_U
ClientSampleId :
GCP73

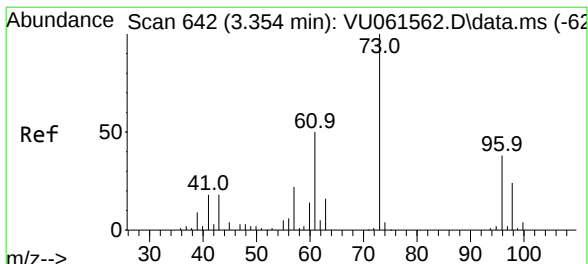
Tgt Ion: 96 Resp: 2153
Ion Ratio Lower Upper
96 100
61 418.2 119.1 221.1#
63 2277.9 89.4 166.0#



#13
Acetone
Concen: 8.852 ug/L
RT: 2.650 min Scan# 423
Delta R.T. 0.003 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

Tgt Ion: 43 Resp: 12854
Ion Ratio Lower Upper
43 100
58 33.0 0.0 73.2

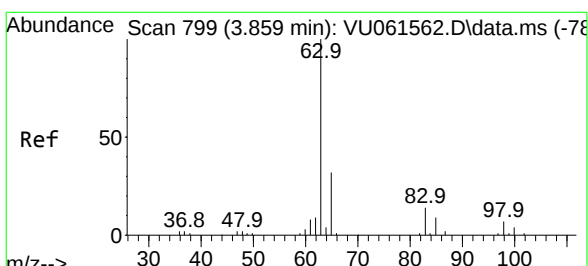
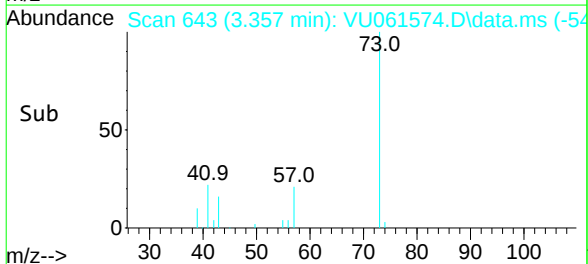
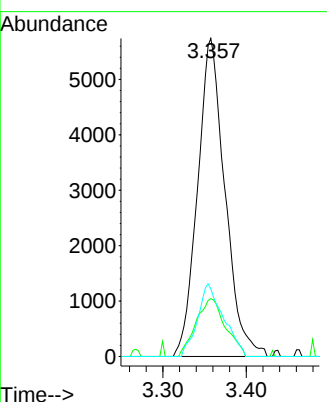
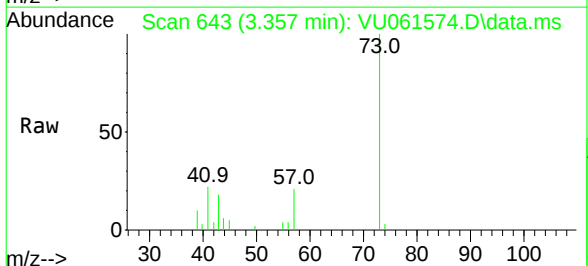




#17
Methyl tert-butyl Ether
Concen: 0.492 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

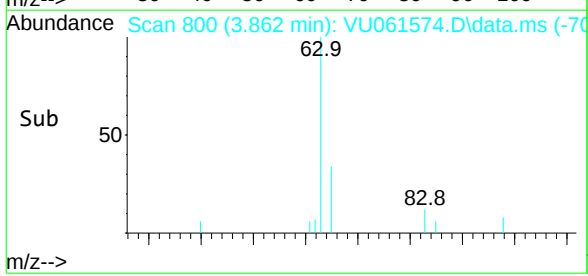
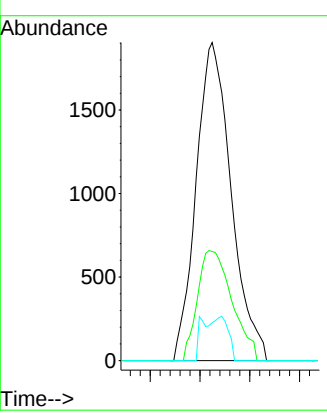
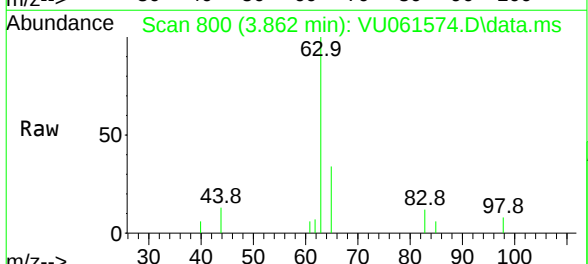
Instrument :
MSVOA_U
ClientSampleId :
GCP73

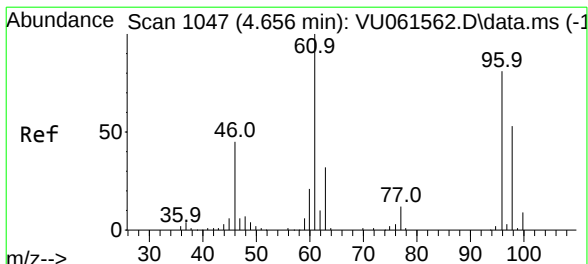
Tgt Ion:	73	Resp:	13093
Ion	Ratio	Lower	Upper
73	100		
43	19.6	15.0	22.4
57	21.6	17.0	25.6



#19
1,1-Dichloroethane
Concen: 0.227 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

Tgt Ion:	63	Resp:	4651
Ion	Ratio	Lower	Upper
63	100		
65	34.3	23.0	42.6
83	11.9	9.7	17.9

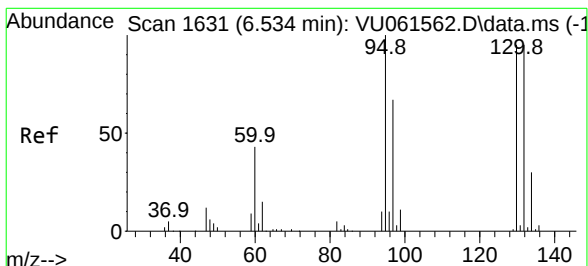
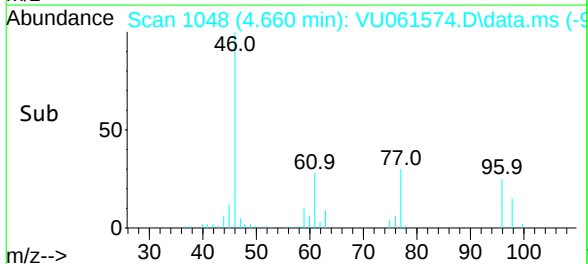
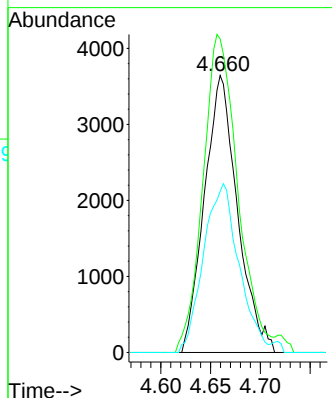
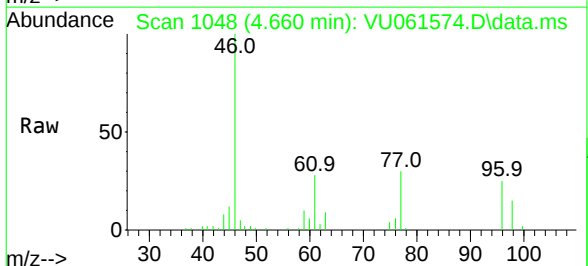




#22
 cis-1,2-Dichloroethene
 Concen: 0.678 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061574.D
 Acq: 09 Nov 2024 03:00

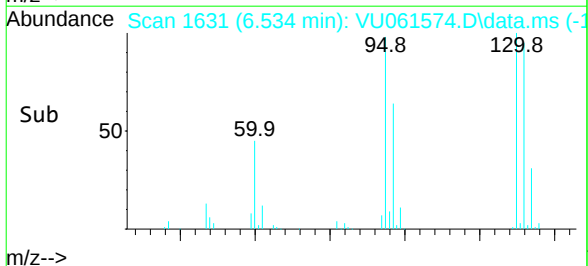
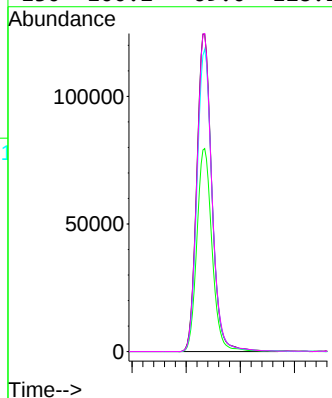
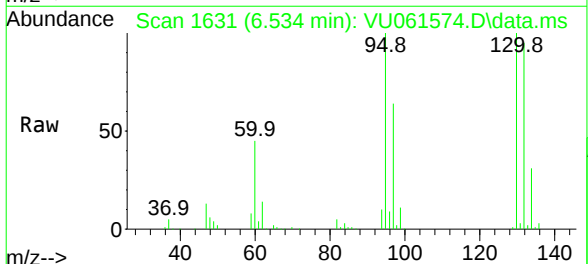
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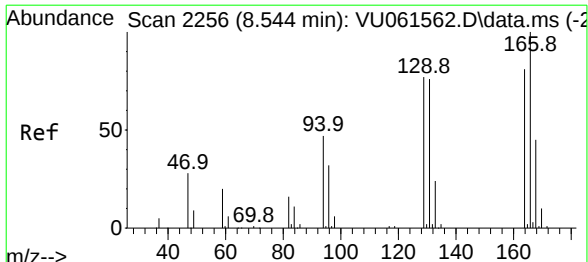
Tgt Ion: 96	Resp: 8415
Ion Ratio	Lower Upper
96 100	
61 113.2	88.1 163.5
98 58.2	45.0 83.6



#34
 Trichloroethene
 Concen: 18.089 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061574.D
 Acq: 09 Nov 2024 03:00

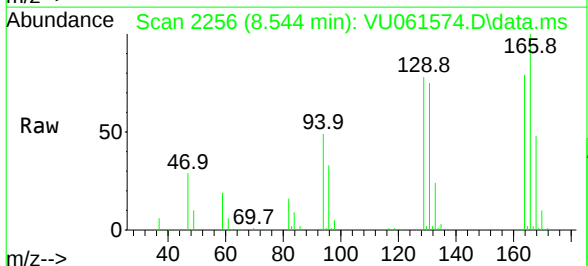
Tgt Ion: 95	Resp: 240857
Ion Ratio	Lower Upper
95 100	
97 64.0	46.1 85.7
132 95.2	66.1 122.7
130 100.2	69.0 128.2





#47
 Tetrachloroethene
 Concen: 9.050 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061574.D
 Acq: 09 Nov 2024 03:00

Instrument :
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Tgt Ion:	164	Resp:	84159
Ion	Ratio	Lower	Upper
164	100		
129	99.0	69.9	129.7
131	94.6	68.3	126.8
166	126.7	88.8	165.0

