

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054982.D
 Acq On : 30 Aug 2023 02:28
 Operator : MD/SY
 Sample : 04173-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Aug 30 04:01:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

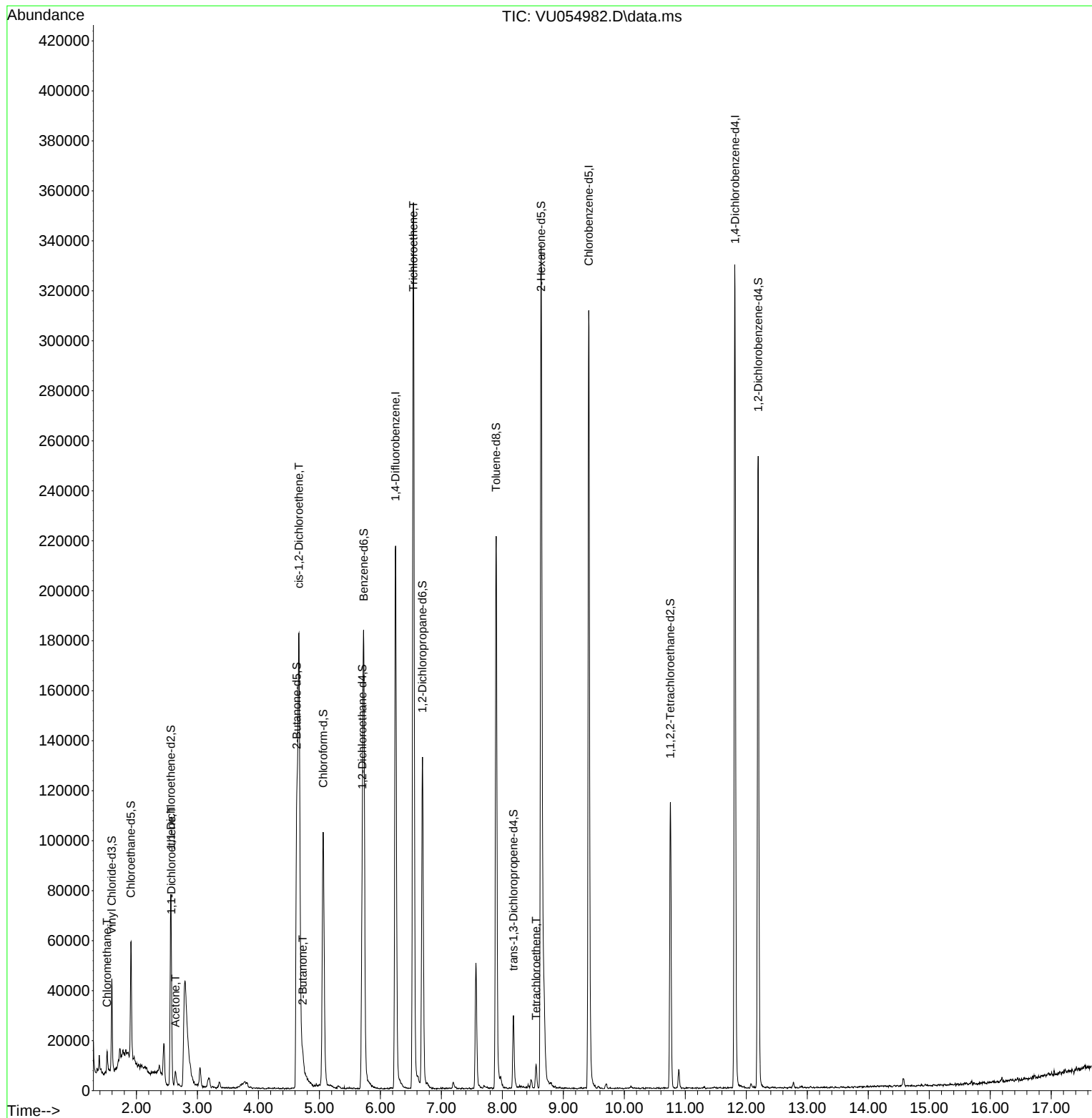
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83180	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24560	4.363	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.907	69	31473	4.328	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.563	65	14318	4.500	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	4.628	46	173214	57.006	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.020%	
24) Chloroform-d	5.062	84	92782	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.702	65	52491	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.727	84	169688	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.689	67	62616	4.704	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.898	98	150122	4.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.181	79	16925	3.864	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.634	63	110804	53.296	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.600%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55334	4.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63571	4.787	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
3) Chloromethane	1.518	50	6528	0.566	ug/L	96
12) 1,1-Dichloroethene	2.573	96	1362	0.169	ug/L	# 1
13) Acetone	2.637	43	8572	5.219	ug/L	100
21) 2-Butanone	4.724	43	16314	6.482	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	75610	7.206	ug/L	91
34) Trichloroethene	6.541	95	121883	11.073	ug/L	97
47) Tetrachloroethene	8.554	164	2029	0.257	ug/L	94

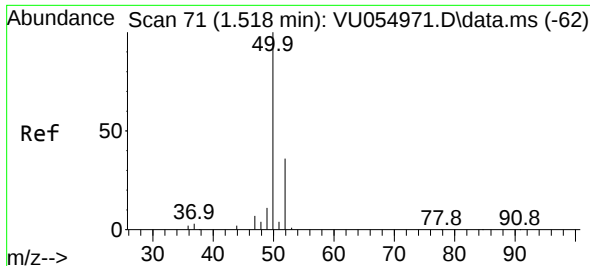
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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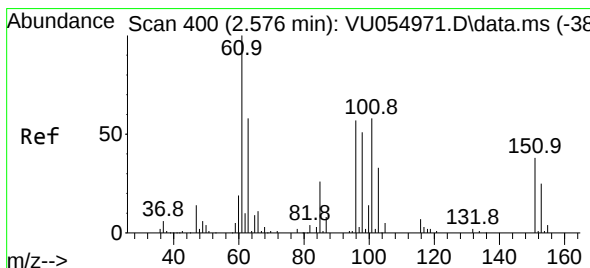
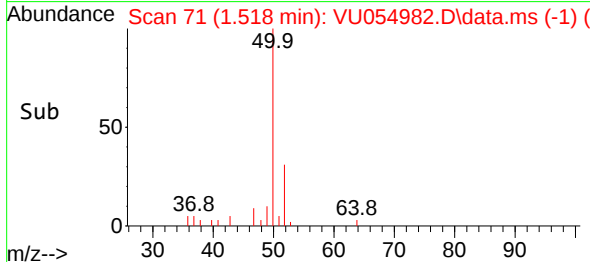
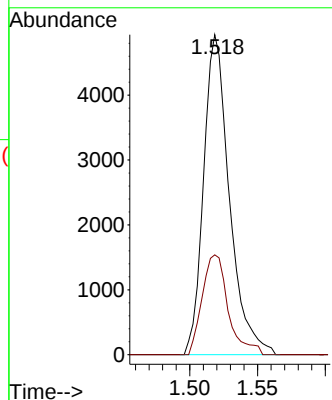
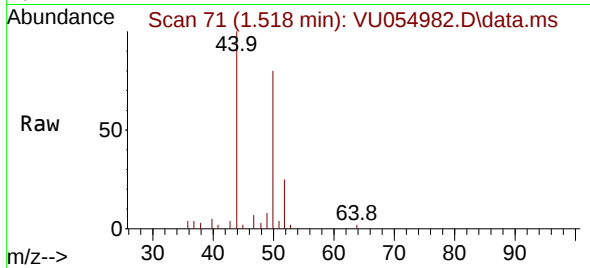




#3
Chloromethane
Concen: 0.566 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054982.D
Acq: 30 Aug 2023 02:28

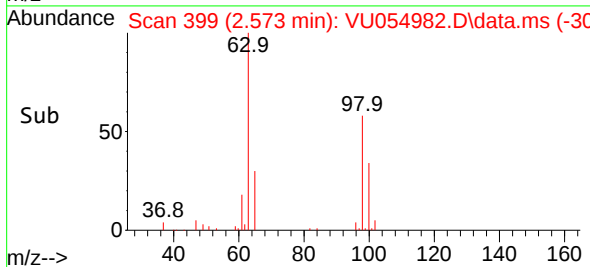
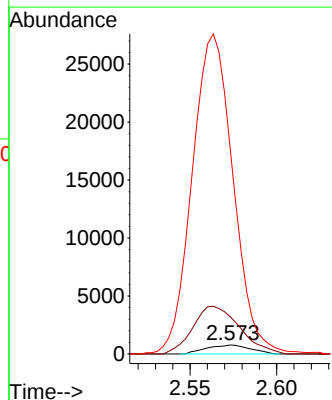
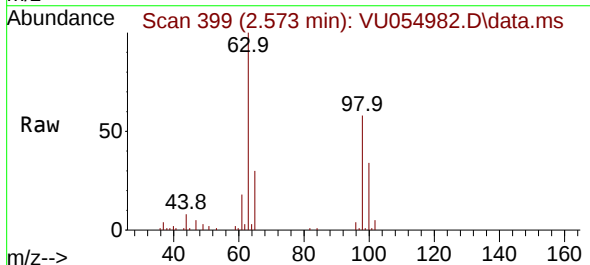
Instrument :
MSVOA_U
ClientSampleId :
COAL1

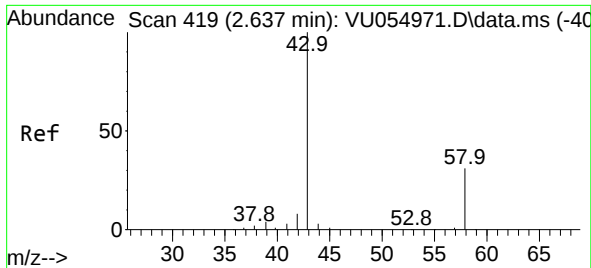
Tgt Ion: 50 Resp: 6528
Ion Ratio Lower Upper
50 100
52 31.2 23.4 43.6



#12
1,1-Dichloroethene
Concen: 0.169 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054982.D
Acq: 30 Aug 2023 02:28

Tgt Ion: 96 Resp: 1362
Ion Ratio Lower Upper
96 100
61 419.9 132.4 245.8#
63 2328.3 82.5 153.1#





#13

Acetone

Concen: 5.219 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU054982.D

Acq: 30 Aug 2023 02:28

Instrument :

MSVOA_U

ClientSampleId :

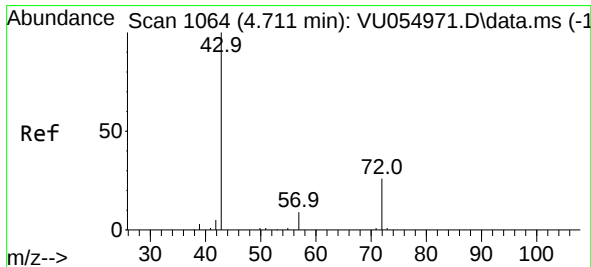
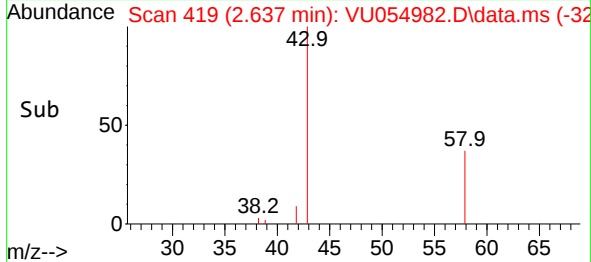
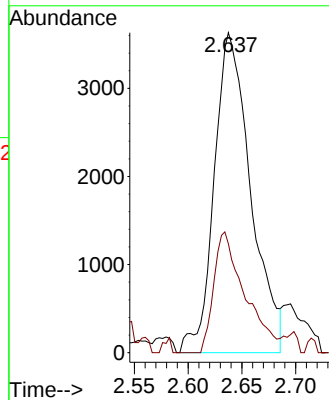
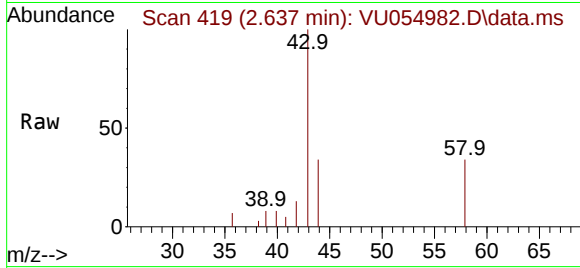
C0AL1

Tgt Ion: 43 Resp: 8572

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#21

2-Butanone

Concen: 6.482 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.013 min

Lab File: VU054982.D

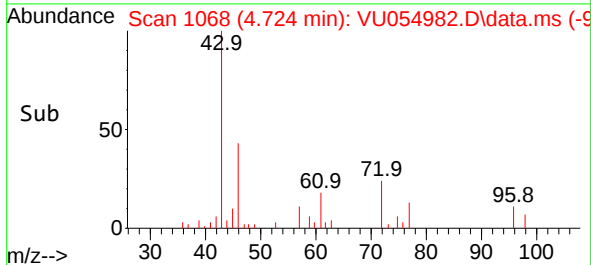
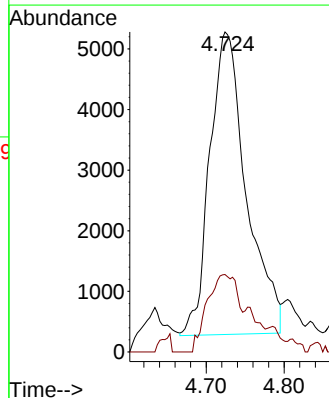
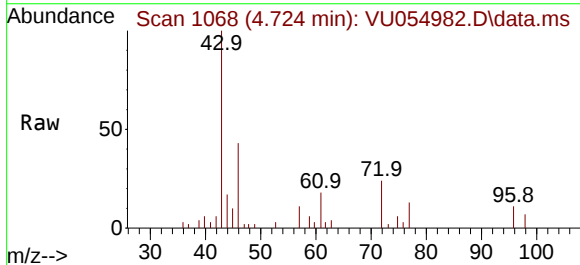
Acq: 30 Aug 2023 02:28

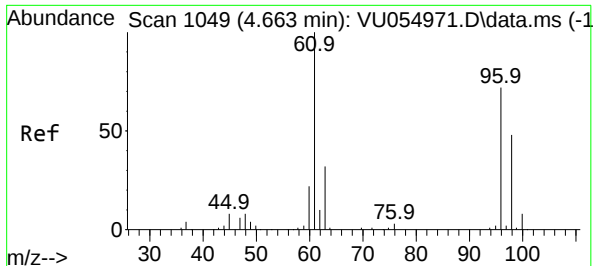
Tgt Ion: 43 Resp: 16314

Ion Ratio Lower Upper

43 100

72 21.5 14.1 42.3

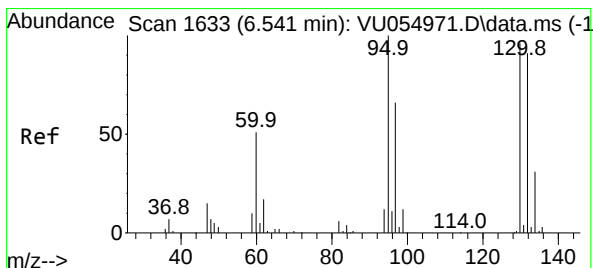
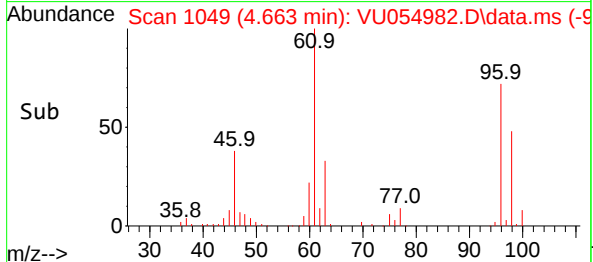
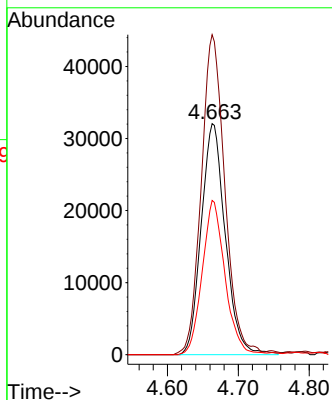
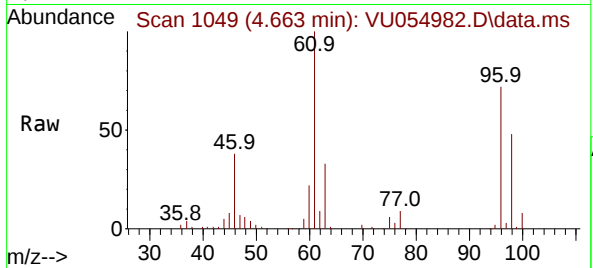




#22
cis-1,2-Dichloroethene
Concen: 7.206 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054982.D
Acq: 30 Aug 2023 02:28

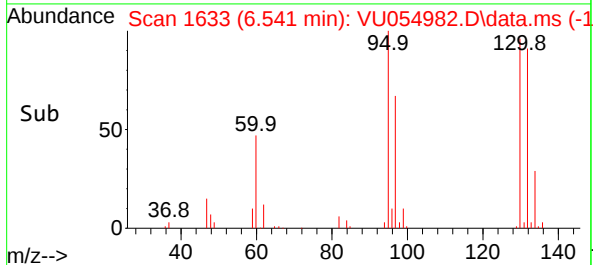
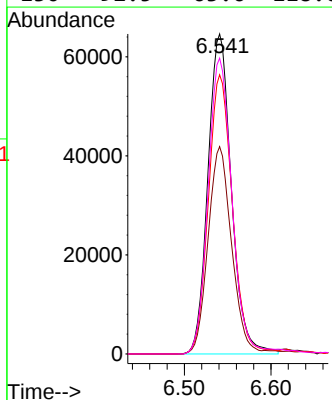
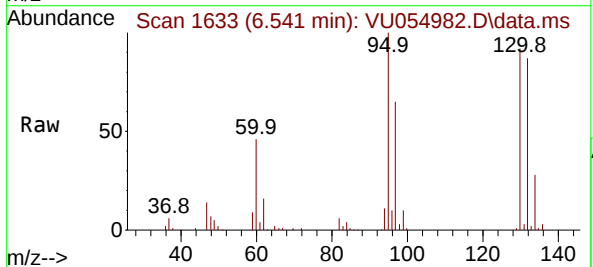
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MSVOA_U
ClientSampleId :
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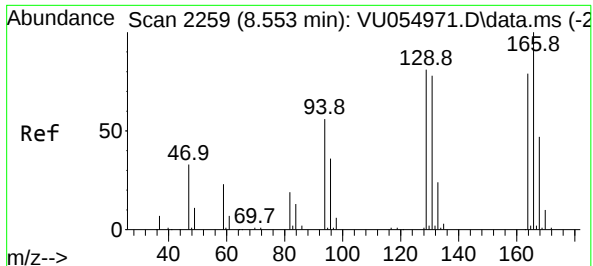
Tgt Ion: 96 Resp: 75610
Ion Ratio Lower Upper
96 100
61 138.5 88.4 164.2
98 66.8 44.0 81.6



#34
Trichloroethene
Concen: 11.073 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU054982.D
Acq: 30 Aug 2023 02:28

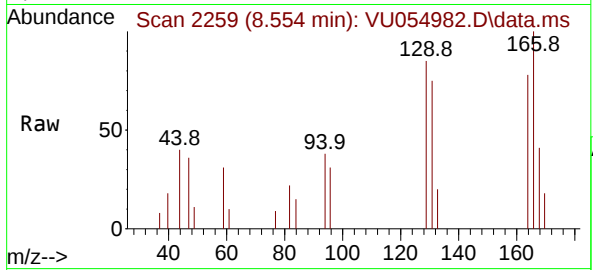
Tgt Ion: 95 Resp: 121883
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 87.2 63.6 118.2
130 92.5 63.6 118.0





#47
Tetrachloroethene
Concen: 0.257 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054982.D
Acq: 30 Aug 2023 02:28

Instrument :
MSVOA_U
ClientSampleId :
C0AL1



Tgt Ion:	164	Resp:	2029
Ion	Ratio	Lower	Upper
164	100		
129	109.1	72.8	135.2
131	95.8	70.7	131.3
166	127.9	95.9	178.1

