

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059654.D
 Acq On : 29 Jun 2024 04:35
 Operator : MD/SY
 Sample : P3059-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN6

Quant Time: Jun 29 04:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

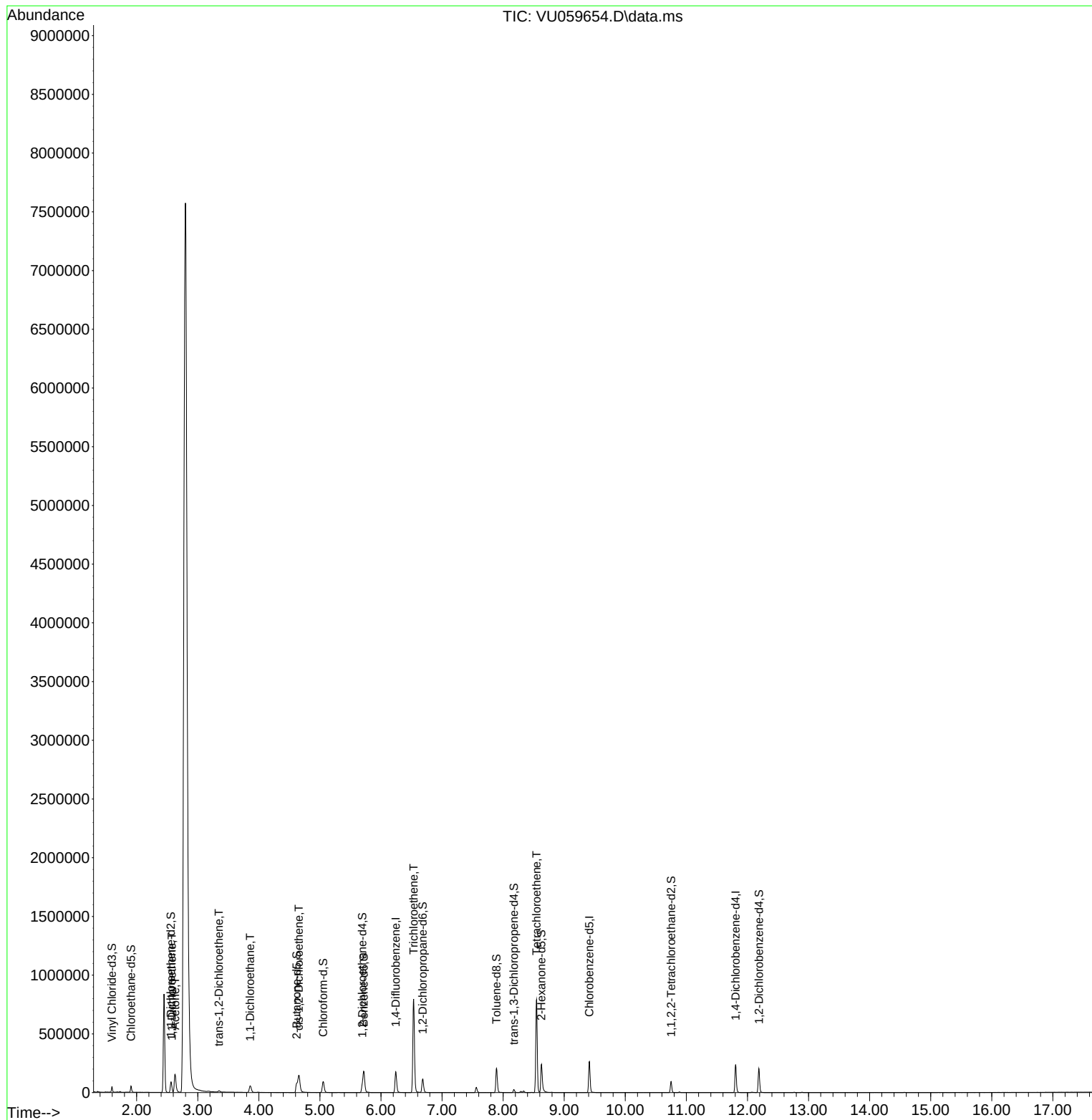
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	68696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32477	3.035	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.600%	
7) Chloroethane-d5	1.908	69	37638	3.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.200%	
11) 1,1-Dichloroethene-d2	2.561	65	15551	3.502	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	4.618	46	106562	48.338	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.680%	
24) Chloroform-d	5.052	84	90937	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.695	65	45895	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
32) Benzene-d6	5.718	84	179613	4.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.683	67	58729	4.379	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.891	98	150850	3.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	8.174	79	16160	3.848	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.625	63	84569	48.468	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.940%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50505	4.558	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	58266	4.765	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	7608	0.697	ug/L	# 1
13) Acetone	2.628	43	202147	141.359	ug/L	94
18) trans-1,2-Dichloroethene	3.345	96	4741	0.418	ug/L	89
19) 1,1-Dichloroethane	3.860	63	65013	3.106	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	76916	6.147	ug/L	92
34) Trichloroethene	6.535	95	276764	21.163	ug/L	97
47) Tetrachloroethene	8.547	164	182420	17.976	ug/L	97

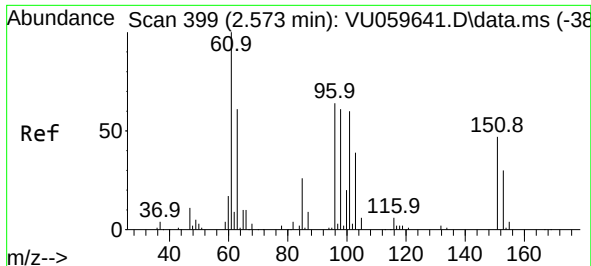
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 04:50:53 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.697 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.001 min

Lab File: VU059654.D

Acq: 29 Jun 2024 04:35

Instrument :

MSVOA_U

ClientSampleId :

E1GN6

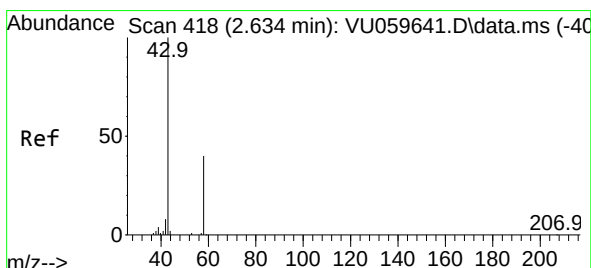
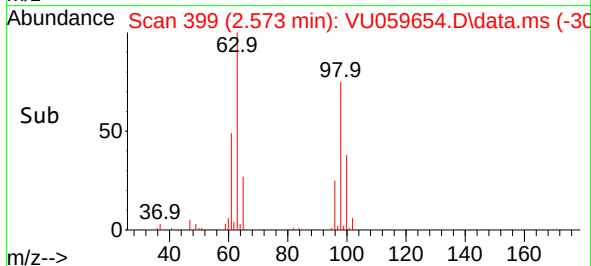
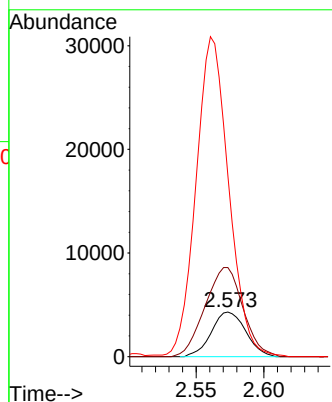
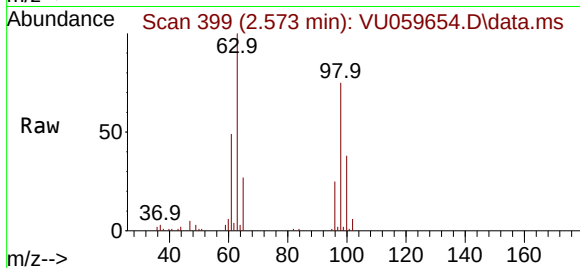
Tgt Ion: 96 Resp: 7608

Ion Ratio Lower Upper

96 100

61 199.3 122.9 228.3

63 405.3 80.4 149.4#



#13

Acetone

Concen: 141.359 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.006 min

Lab File: VU059654.D

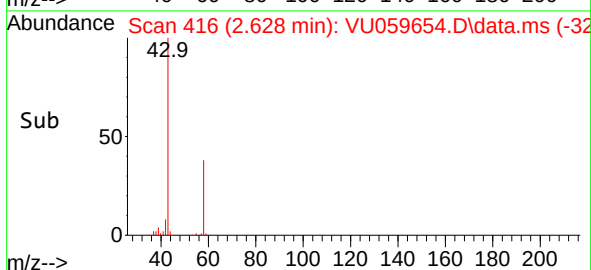
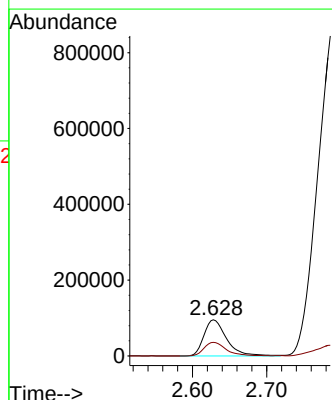
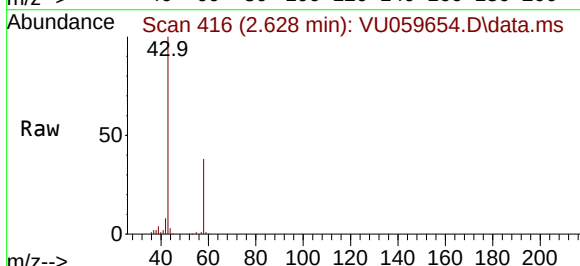
Acq: 29 Jun 2024 04:35

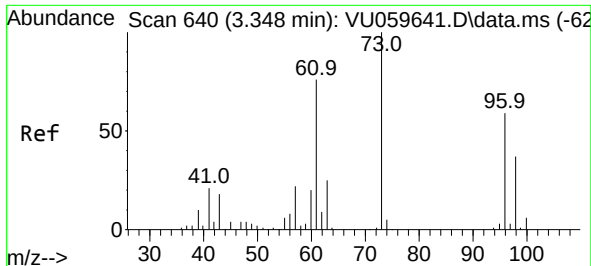
Tgt Ion: 43 Resp: 202147

Ion Ratio Lower Upper

43 100

58 37.5 0.0 68.0

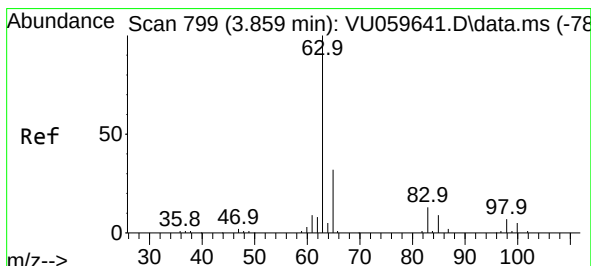
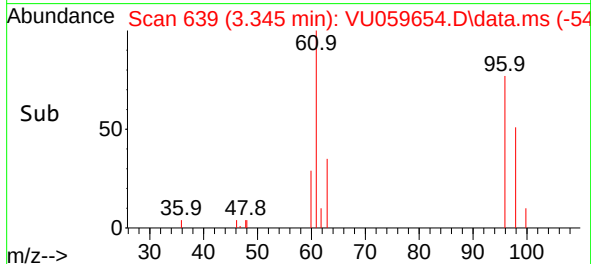
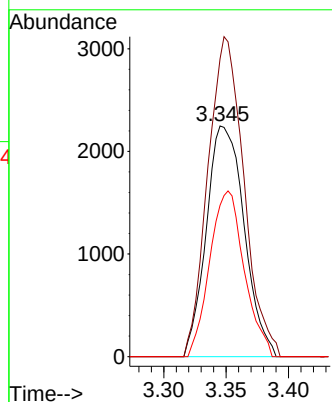
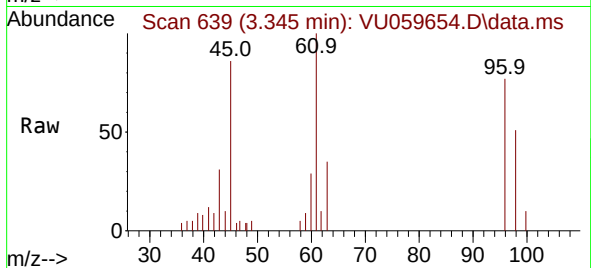




#18
trans-1,2-Dichloroethene
Concen: 0.418 ug/L
RT: 3.345 min Scan# 618
Delta R.T. -0.003 min
Lab File: VU059654.D
Acq: 29 Jun 2024 04:35

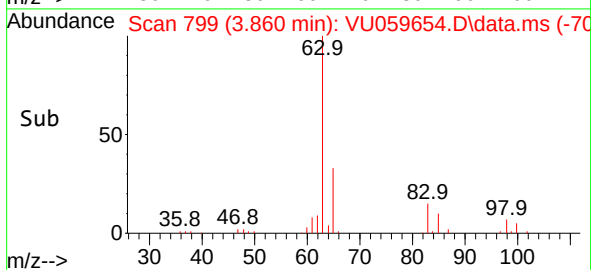
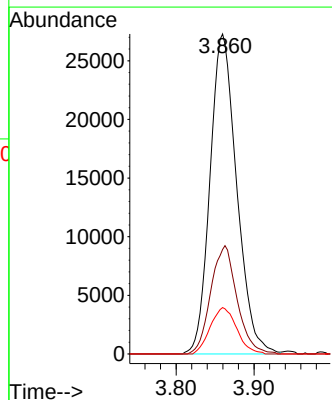
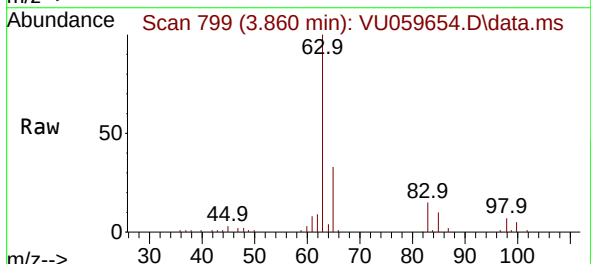
Instrument :
MSVOA_U
ClientSampleId :
E1GN6

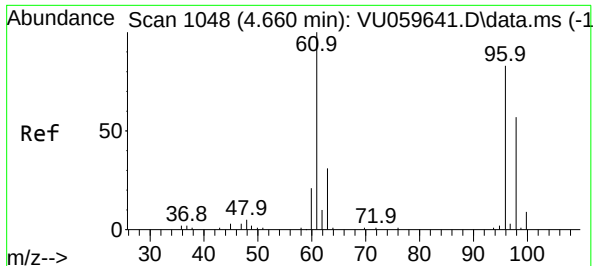
Tgt Ion: 96 Resp: 4741
Ion Ratio Lower Upper
96 100
61 129.0 101.8 189.0
98 65.6 43.3 80.5



#19
1,1-Dichloroethane
Concen: 3.106 ug/L
RT: 3.860 min Scan# 799
Delta R.T. 0.001 min
Lab File: VU059654.D
Acq: 29 Jun 2024 04:35

Tgt Ion: 63 Resp: 65013
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.6
83 14.5 9.9 18.5

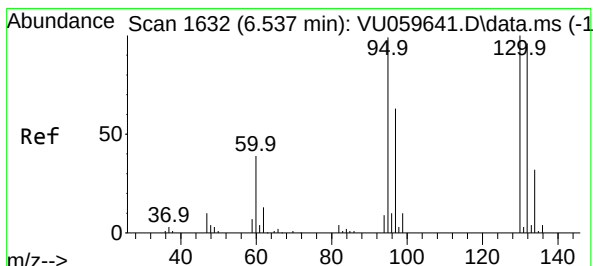
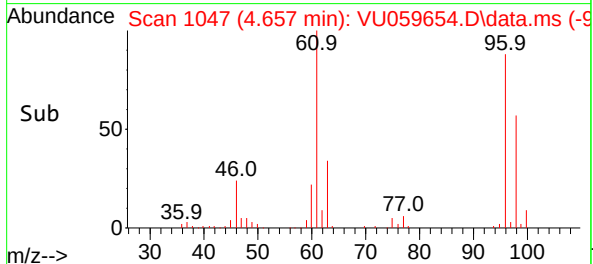
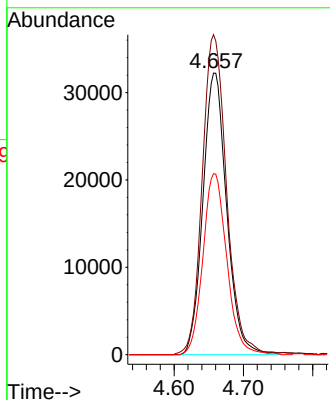
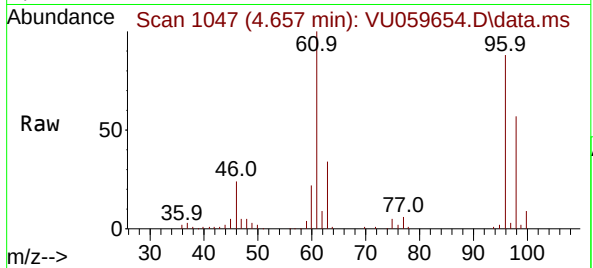




#22
cis-1,2-Dichloroethene
Concen: 6.147 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059654.D
Acq: 29 Jun 2024 04:35

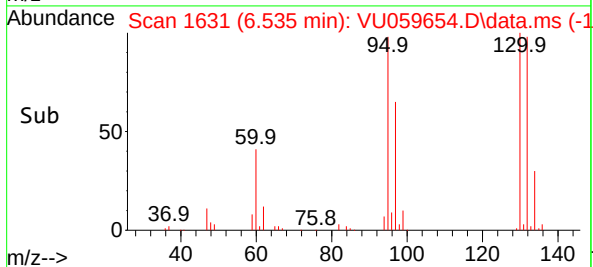
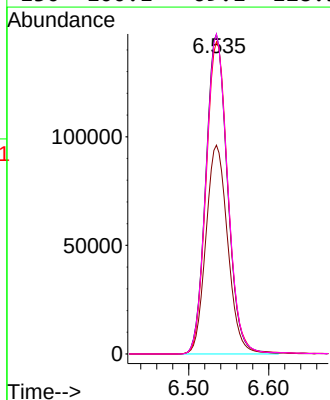
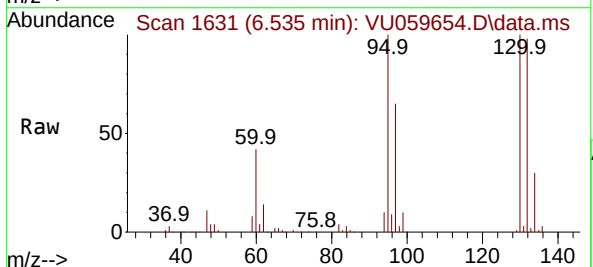
Instrument :
MSVOA_U
ClientSampleId :
E1GN6

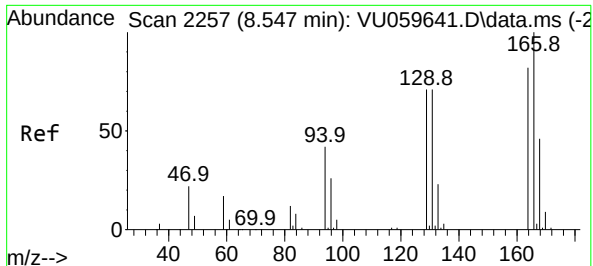
Tgt Ion: 96 Resp: 76916
Ion Ratio Lower Upper
96 100
61 113.6 87.4 162.2
98 64.2 42.3 78.5



#34
Trichloroethene
Concen: 21.163 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059654.D
Acq: 29 Jun 2024 04:35

Tgt Ion: 95 Resp: 276764
Ion Ratio Lower Upper
95 100
97 65.3 45.3 84.1
132 97.7 64.0 119.0
130 100.1 69.1 128.3





#47
 Tetrachloroethene
 Concen: 17.976 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VU059654.D
 Acq: 29 Jun 2024 04:35

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN6

Tgt Ion:164 Resp: 182420

Ion	Ratio	Lower	Upper
164	100		
129	94.5	70.8	131.4
131	90.0	64.8	120.3
166	128.8	91.1	169.1

