

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056270.D
 Acq On : 13 Nov 2023 22:55
 Operator : MD/SY
 Sample : 05371-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN4

Quant Time: Nov 14 21:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

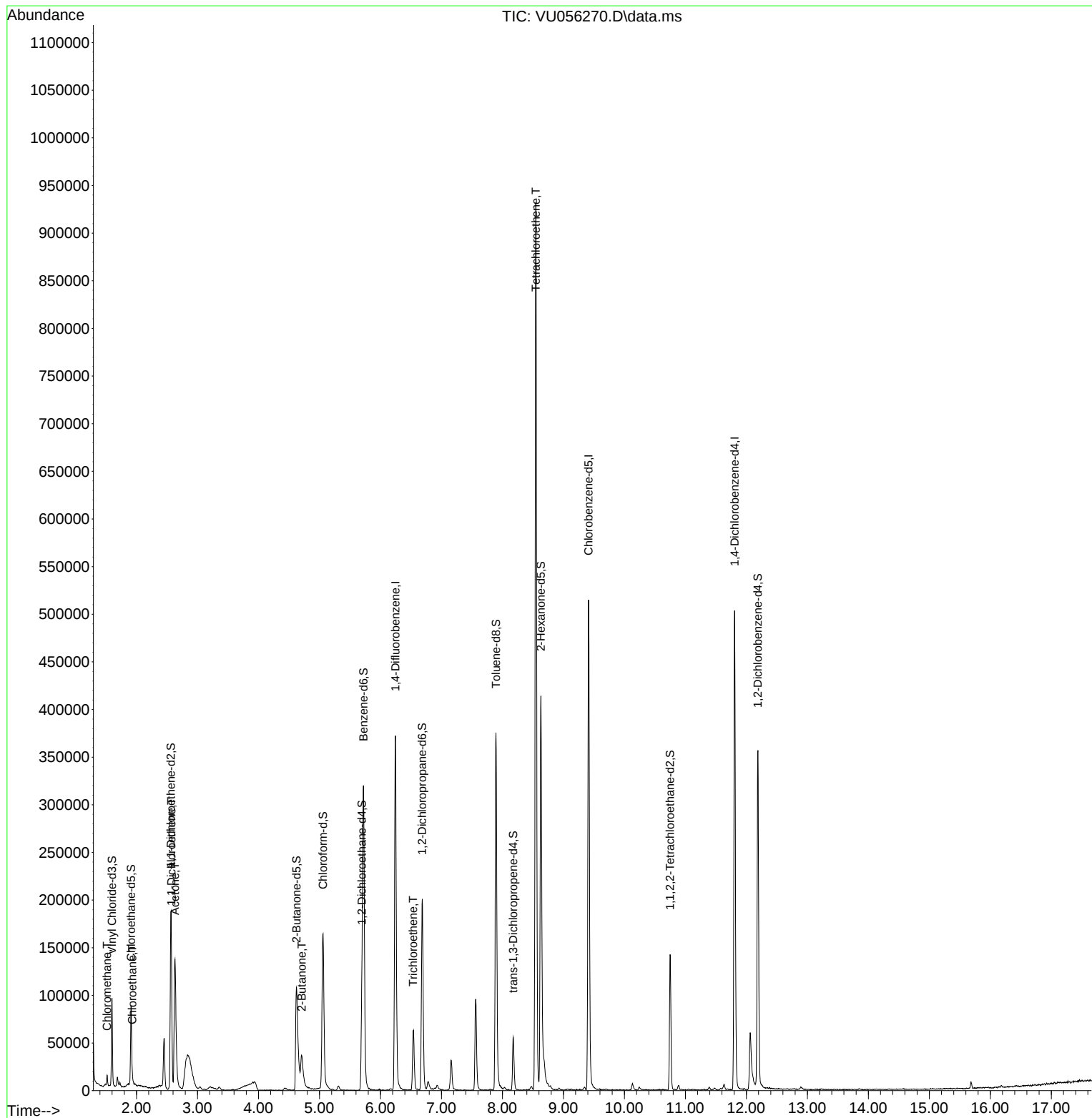
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307811	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	300725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67683	2.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.911	69	57371	3.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.000%
11) 1,1-Dichloroethene-d2	2.563	65	35158	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.624	46	183124	39.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.780%
24) Chloroform-d	5.058	84	156838	3.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.695	65	77377	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	5.721	84	306280	3.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
36) 1,2-Dichloropropane-d6	6.685	67	98838	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.894	98	258128	3.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.177	79	33376	3.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.631	63	146274	35.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73113	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	94443	3.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6959	0.279	ug/L	98
8) Chloroethane	1.930	64	4550	0.310	ug/L #	82
12) 1,1-Dichloroethene	2.573	96	6308	0.335	ug/L #	1
13) Acetone	2.631	43	192568	49.249	ug/L	99
21) 2-Butanone	4.711	43	58585	11.547	ug/L	97
34) Trichloroethene	6.537	95	23848	1.020	ug/L	97
47) Tetrachloroethene	8.547	164	197584	12.533	ug/L	99

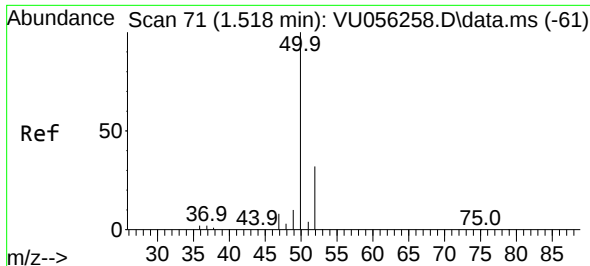
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 14 00:08:30 2023
Response via : Initial Calibration

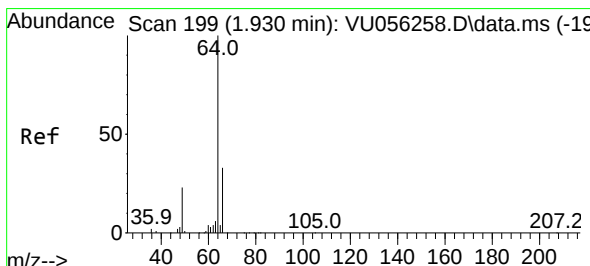
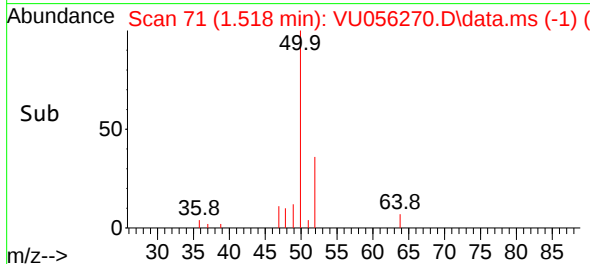
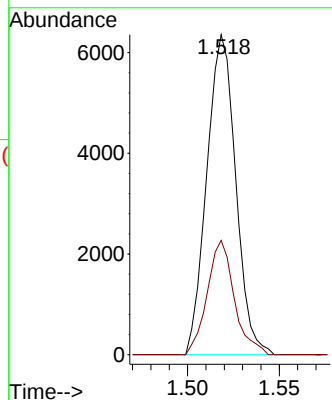
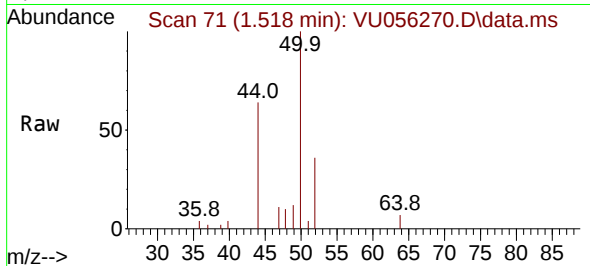




#3
Chloromethane
Concen: 0.279 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

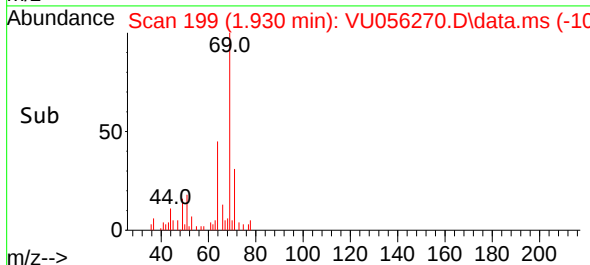
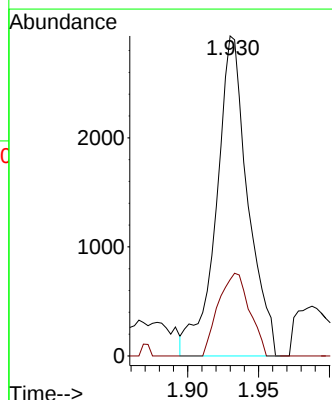
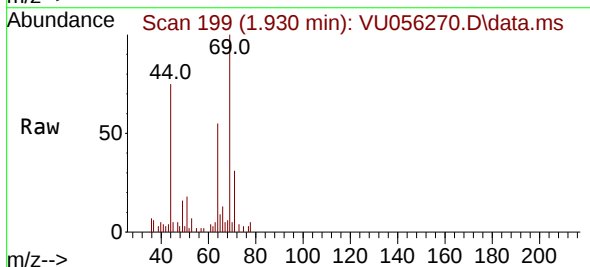
Instrument :
MSVOA_U
ClientSampleId :
GCDN4

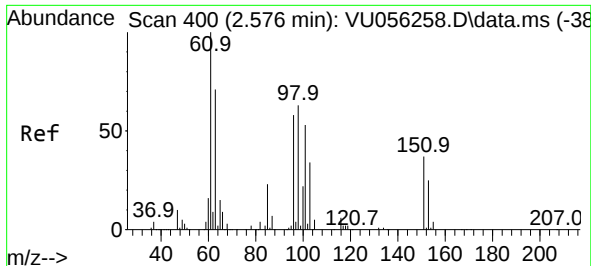
Tgt Ion: 50 Resp: 6959
Ion Ratio Lower Upper
50 100
52 35.7 24.3 45.1



#8
Chloroethane
Concen: 0.310 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

Tgt Ion: 64 Resp: 4550
Ion Ratio Lower Upper
64 100
66 23.9 23.9 44.5#

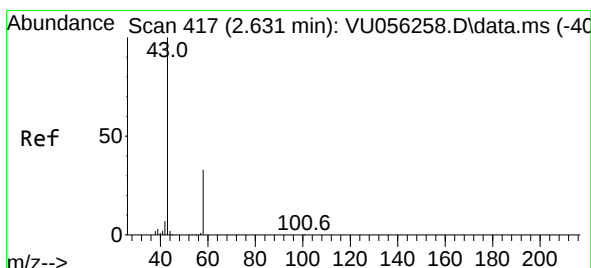
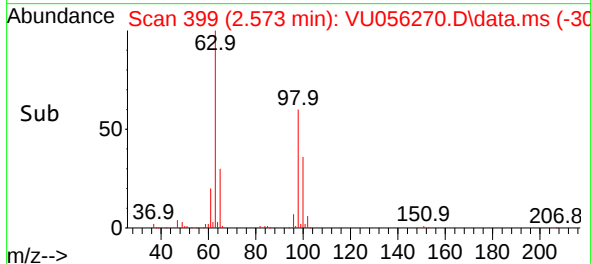
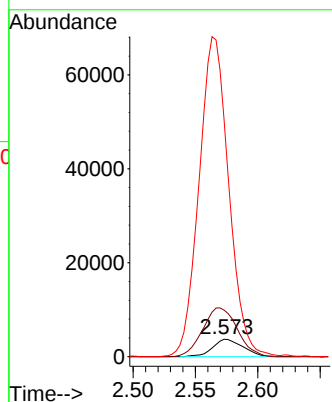
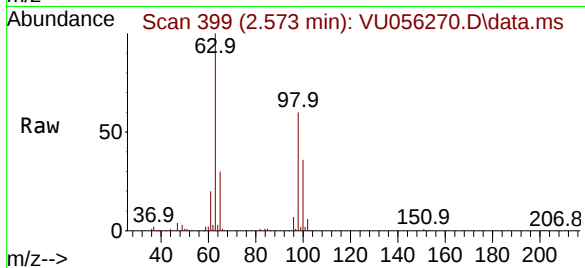




#12
1,1-Dichloroethene
Concen: 0.335 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

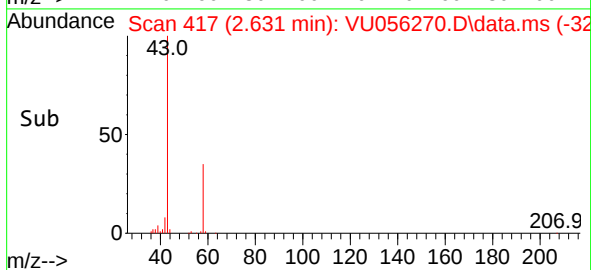
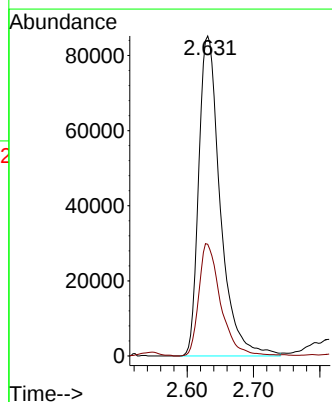
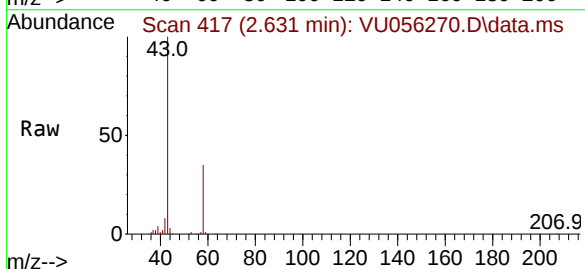
Instrument :
MSVOA_U
ClientSampleId :
GCDN4

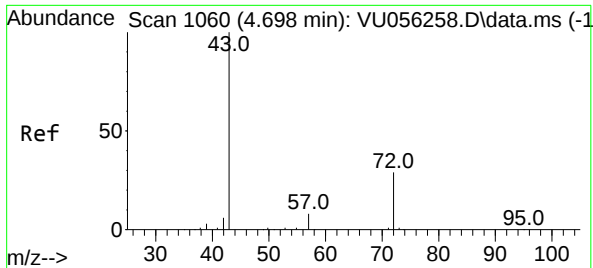
Tgt Ion: 96 Resp: 6308
Ion Ratio Lower Upper
96 100
61 266.0 123.1 228.7#
63 1357.8 93.3 173.3#



#13
Acetone
Concen: 49.249 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

Tgt Ion: 43 Resp: 192568
Ion Ratio Lower Upper
43 100
58 35.5 0.0 70.0

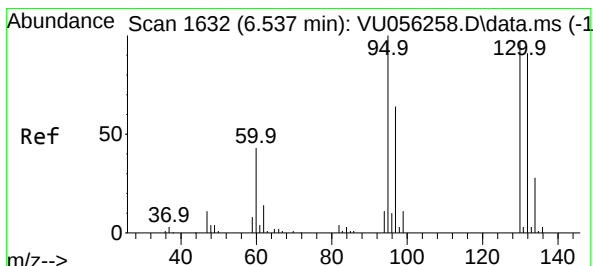
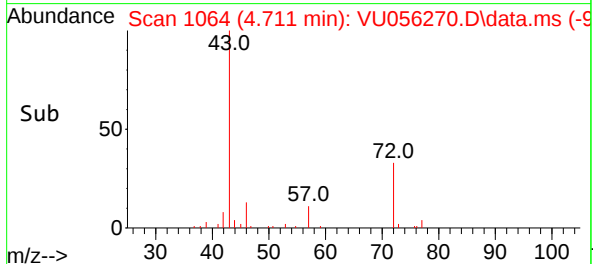
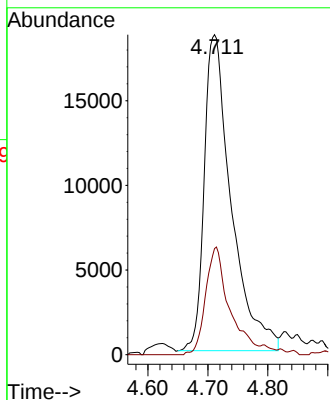
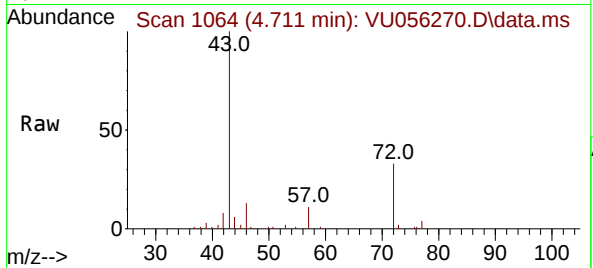




#21
2-Butanone
Concen: 11.547 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

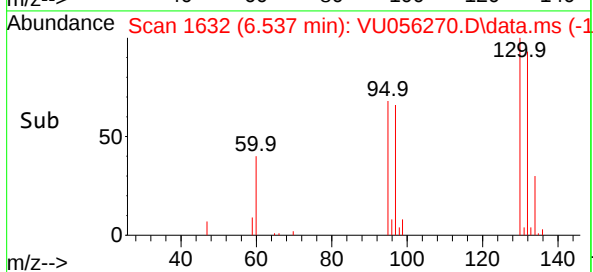
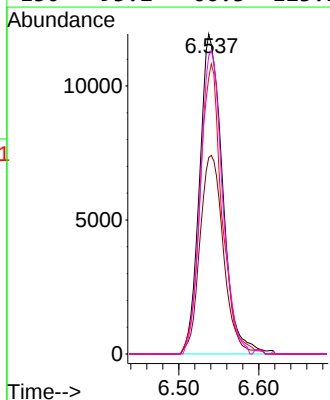
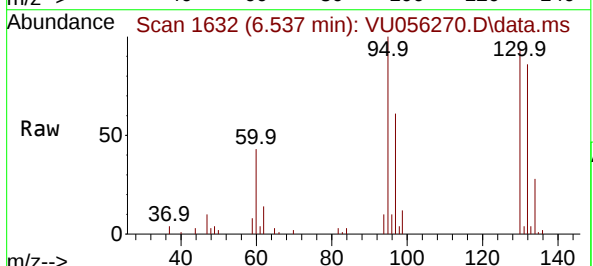
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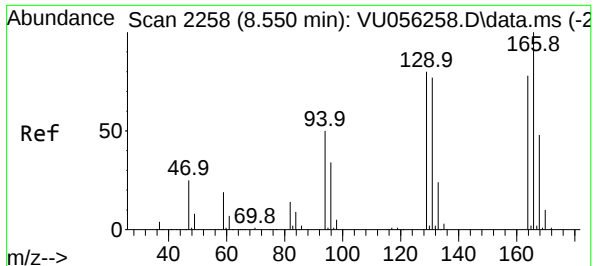
Tgt Ion: 43 Resp: 58585
Ion Ratio Lower Upper
43 100
72 29.8 14.2 42.6



#34
Trichloroethene
Concen: 1.020 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056270.D
Acq: 13 Nov 2023 22:55

Tgt Ion: 95 Resp: 23848
Ion Ratio Lower Upper
95 100
97 61.4 46.5 86.3
132 86.4 62.0 115.2
130 93.2 66.3 123.1





#47
 Tetrachloroethene
 Concen: 12.533 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056270.D
 Acq: 13 Nov 2023 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN4

Tgt Ion:164 Resp: 197584

Ion	Ratio	Lower	Upper
164	100		
129	104.3	71.0	131.9
131	100.6	70.3	130.7
166	126.9	89.8	166.8

