

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056268.D
 Acq On : 13 Nov 2023 22:07
 Operator : MD/SY
 Sample : 05371-03RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN0RE

Quant Time: Nov 14 21:45:49 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)

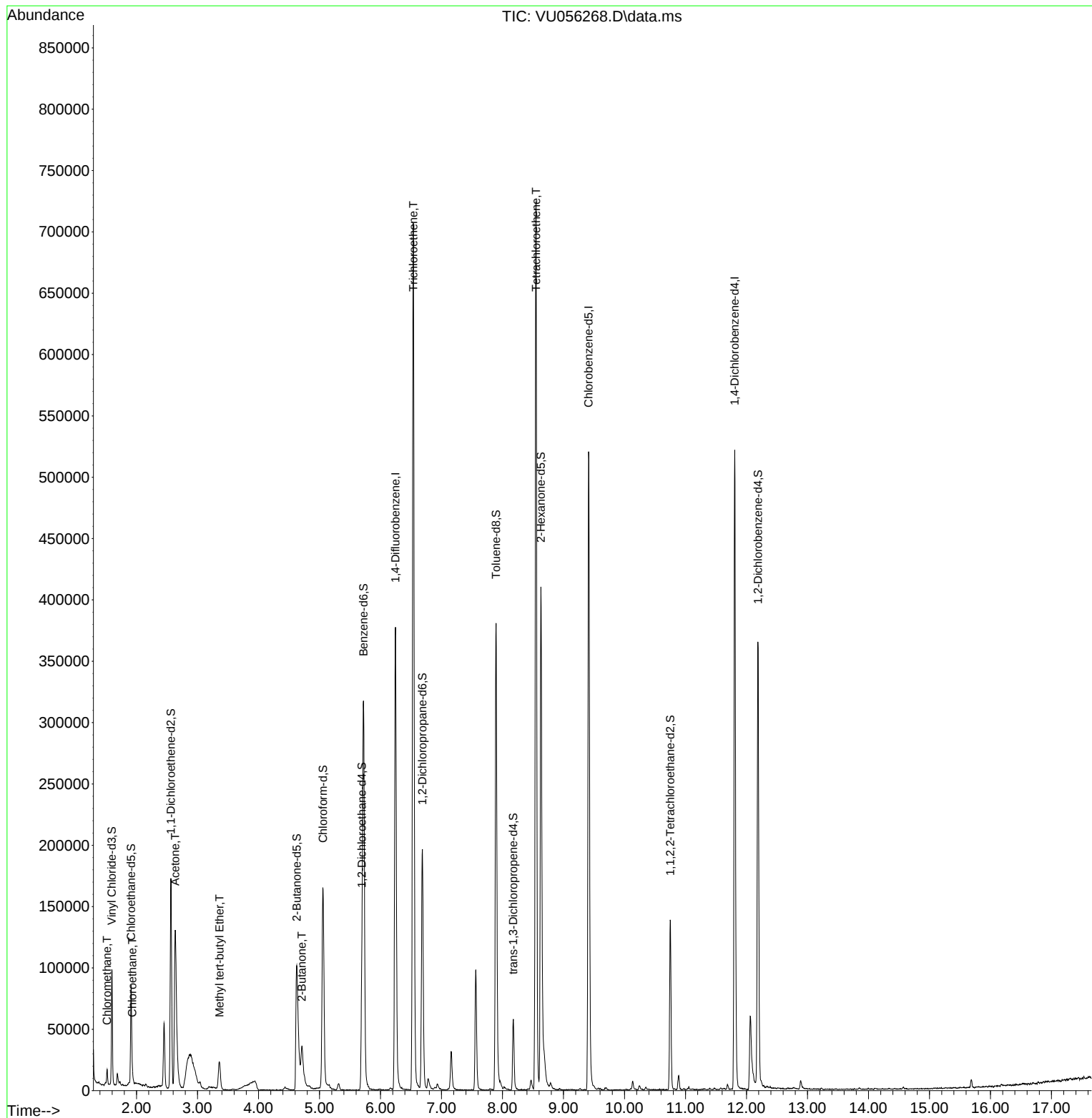
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	310669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	306242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67917	2.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.911	69	58348	3.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.400%
11) 1,1-Dichloroethene-d2	2.563	65	33519	3.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.628	46	180505	38.957	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.920%
24) Chloroform-d	5.055	84	156809	3.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.800%#
26) 1,2-Dichloroethane-d4	5.695	65	75246	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
32) Benzene-d6	5.721	84	309602	3.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	6.685	67	100095	3.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	260546	3.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	8.177	79	36234	3.436	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.631	63	146656	35.385	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	71477	3.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	96759	3.765	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	8284	0.329	ug/L	95
8) Chloroethane	1.930	64	3693	0.249	ug/L	88
13) Acetone	2.634	43	206513	52.330	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	26153	0.566	ug/L	97
21) 2-Butanone	4.711	43	55026	10.746	ug/L	95
34) Trichloroethene	6.537	95	252897	10.622	ug/L	98
47) Tetrachloroethene	8.550	164	154027	9.594	ug/L	98

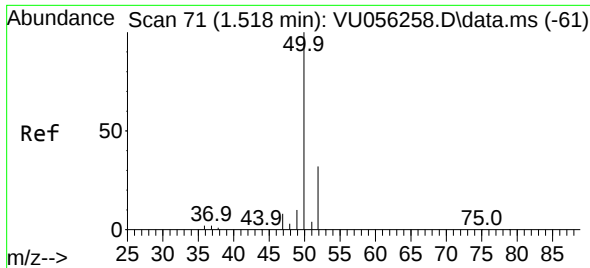
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3
Chloromethane
Concen: 0.329 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056268.D
Acq: 13 Nov 2023 22:07

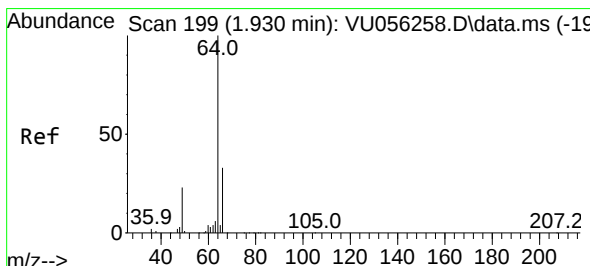
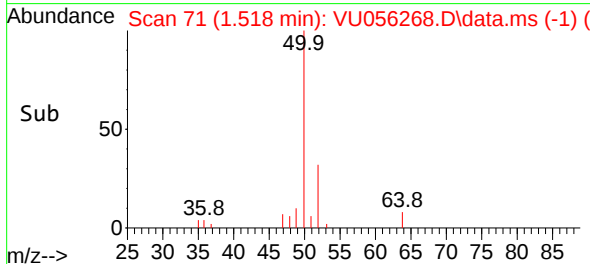
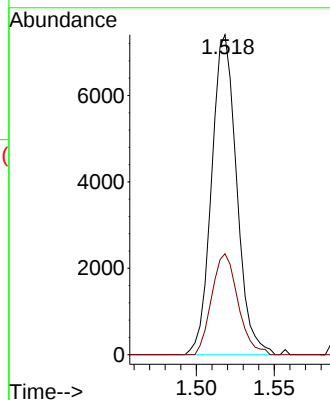
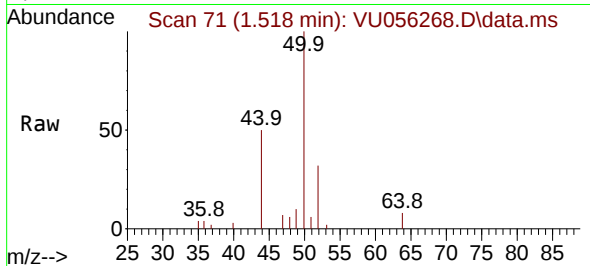
Instrument :

MSVOA_U

ClientSampleId :

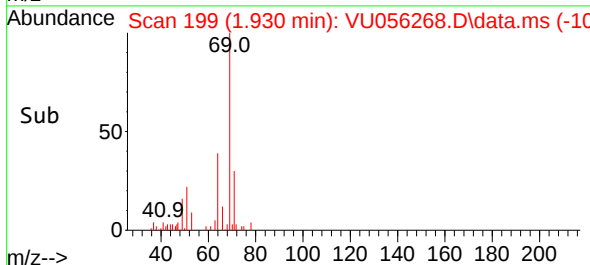
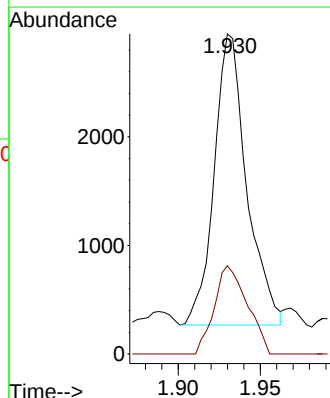
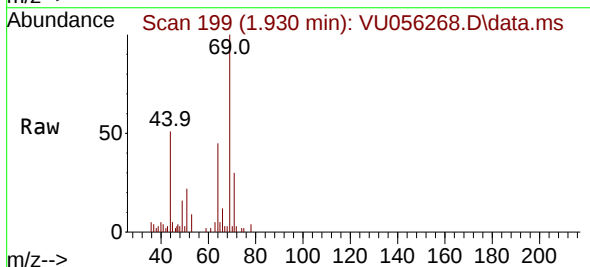
GCDN0RE

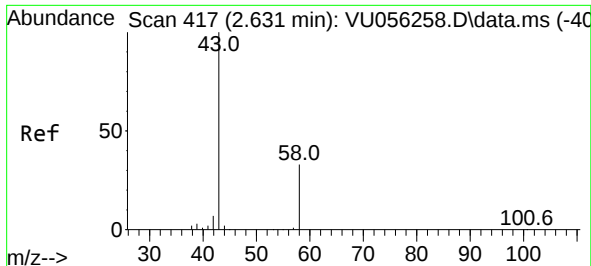
Tgt Ion: 50 Resp: 8284
Ion Ratio Lower Upper
50 100
52 31.6 24.3 45.1



#8
Chloroethane
Concen: 0.249 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056268.D
Acq: 13 Nov 2023 22:07

Tgt Ion: 64 Resp: 3693
Ion Ratio Lower Upper
64 100
66 27.6 23.9 44.5





#13

Acetone

Concen: 52.330 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056268.D

Acq: 13 Nov 2023 22:07

Instrument :

MSVOA_U

ClientSampleId :

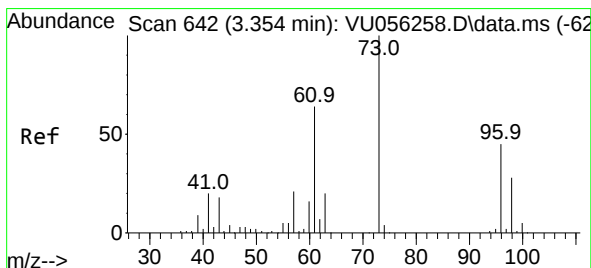
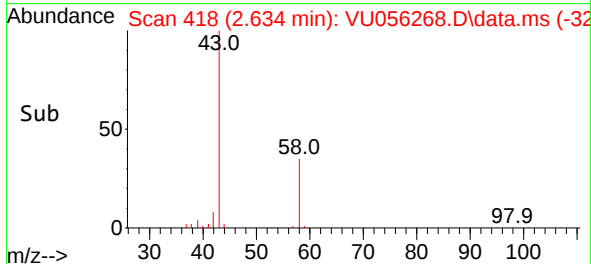
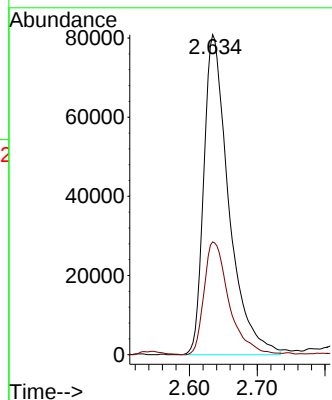
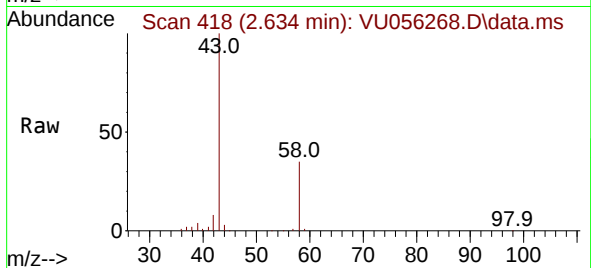
GCDN0RE

Tgt Ion: 43 Resp: 206513

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.0



#17

Methyl tert-butyl Ether

Concen: 0.566 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.006 min

Lab File: VU056268.D

Acq: 13 Nov 2023 22:07

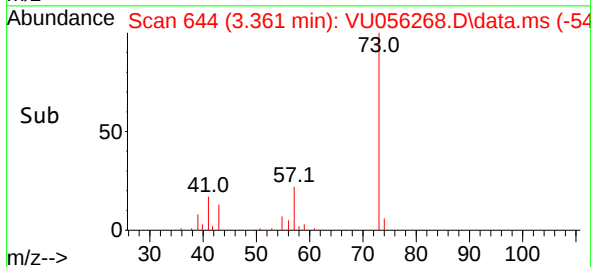
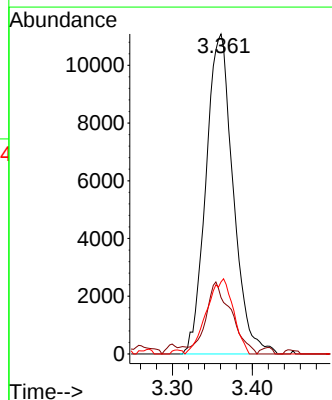
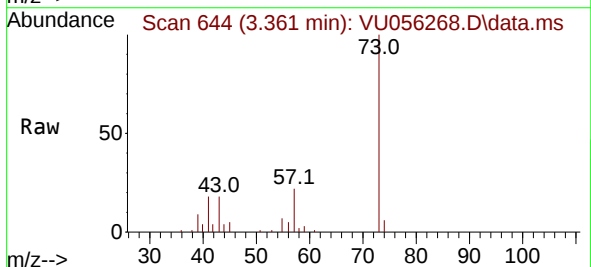
Tgt Ion: 73 Resp: 26153

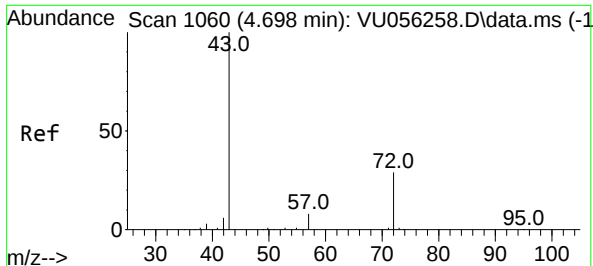
Ion Ratio Lower Upper

73 100

43 21.1 15.1 22.7

57 23.0 17.8 26.8

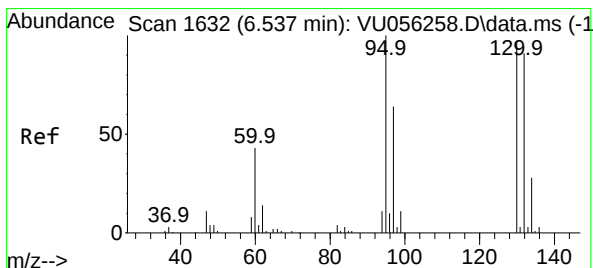
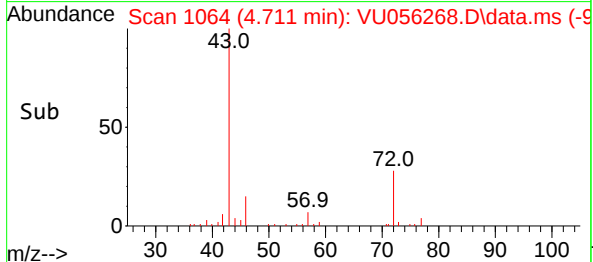
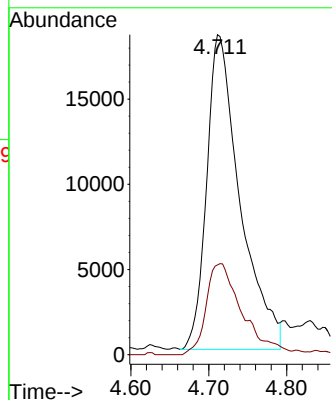
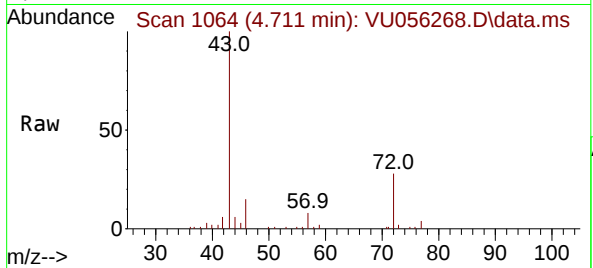




#21
2-Butanone
Concen: 10.746 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU056268.D
Acq: 13 Nov 2023 22:07

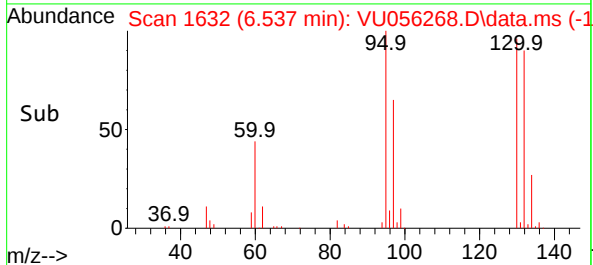
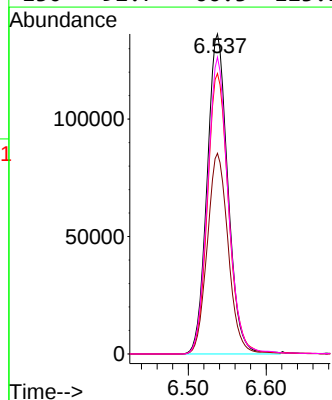
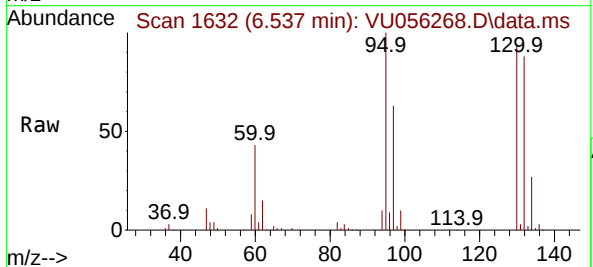
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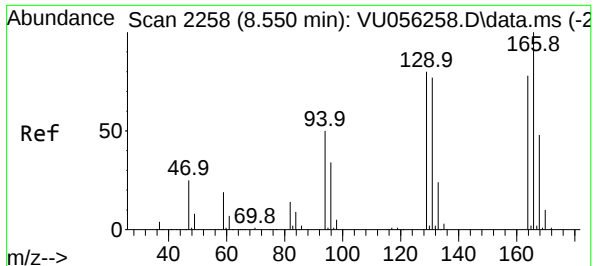
Tgt Ion: 43 Resp: 55026
Ion Ratio Lower Upper
43 100
72 31.0 14.2 42.6



#34
Trichloroethene
Concen: 10.622 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056268.D
Acq: 13 Nov 2023 22:07

Tgt Ion: 95 Resp: 252897
Ion Ratio Lower Upper
95 100
97 62.7 46.5 86.3
132 87.7 62.0 115.2
130 92.7 66.3 123.1





#47
 Tetrachloroethene
 Concen: 9.594 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056268.D
 Acq: 13 Nov 2023 22:07

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN0RE

Tgt Ion:164 Resp: 154027
 Ion Ratio Lower Upper
 164 100
 129 104.7 71.0 131.9
 131 99.5 70.3 130.7
 166 127.0 89.8 166.8

