

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056263.D
 Acq On : 13 Nov 2023 20:06
 Operator : MD/SY
 Sample : 05371-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN1DL

Quant Time: Nov 14 21:44:25 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)

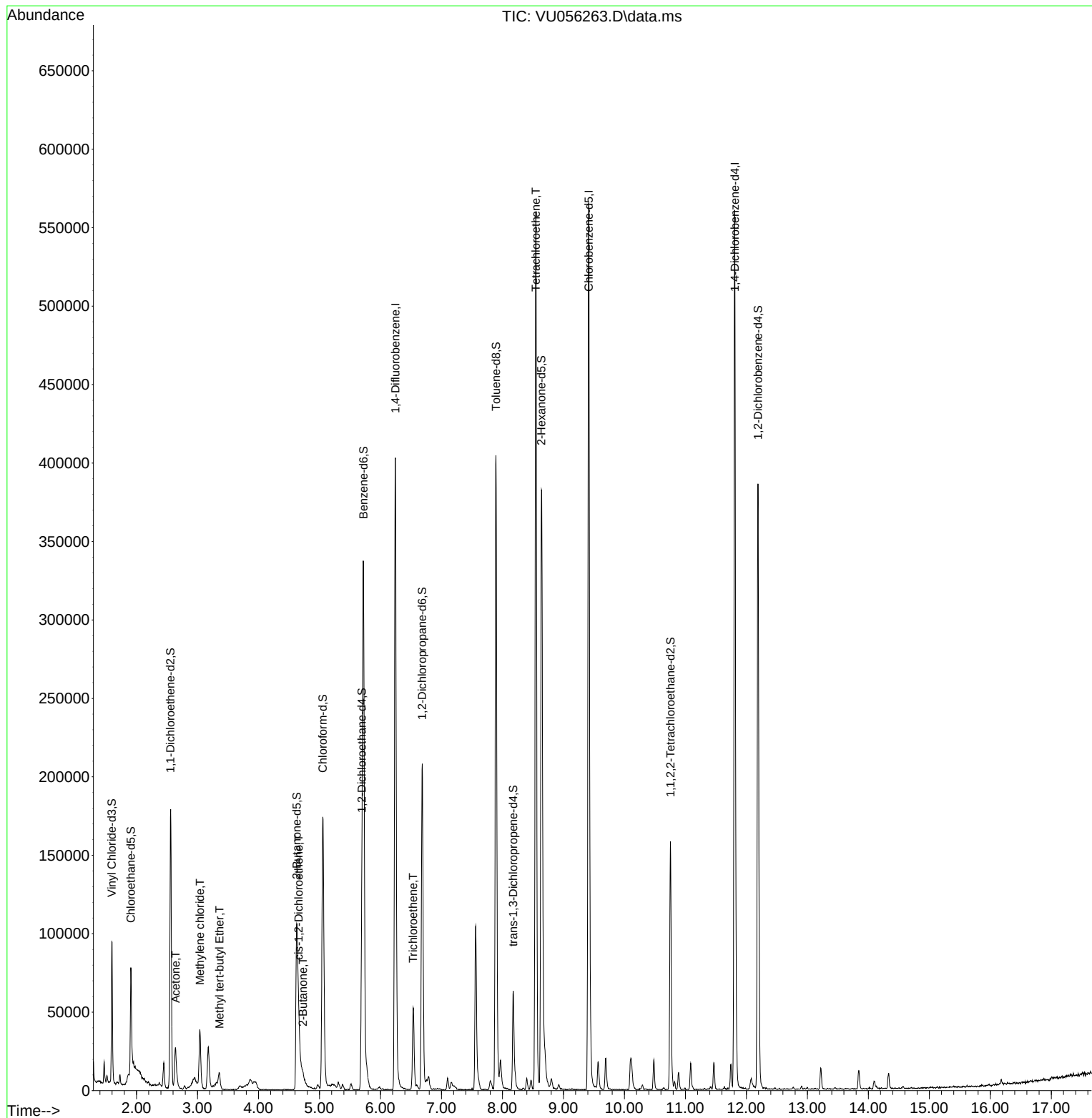
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	335173	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	333294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	149718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68059	2.715	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.907	69	49849	2.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.800%#
11) 1,1-Dichloroethene-d2	2.557	65	33306	3.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.628	46	187066	37.421	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.840%
24) Chloroform-d	5.055	84	167215	3.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
26) 1,2-Dichloroethane-d4	5.695	65	80447	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
32) Benzene-d6	5.721	84	328190	3.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.685	67	102541	3.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.894	98	280791	3.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	38266	3.334	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.640	63	157392	34.893	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	79827	3.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	99413	3.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.800%#
Target Compounds						
					Qvalue	
13) Acetone	2.640	43	39146	9.194	ug/L	99
16) Methylene chloride	3.039	84	17817	0.656	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	7549	0.151	ug/L #	94
21) 2-Butanone	4.727	43	12614	2.283	ug/L #	65
22) cis-1,2-Dichloroethene	4.660	96	4129	0.172	ug/L	91
34) Trichloroethene	6.537	95	18545	0.716	ug/L	99
47) Tetrachloroethene	8.547	164	119382	6.833	ug/L	98

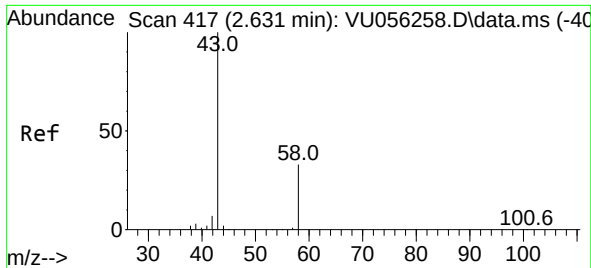
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.194 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU056263.D

Acq: 13 Nov 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

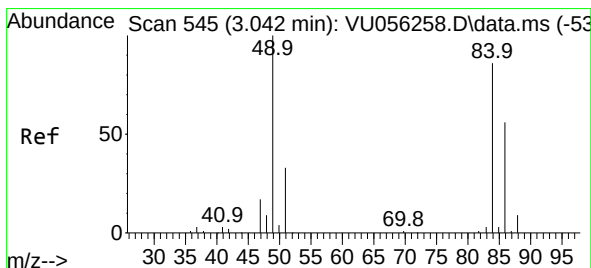
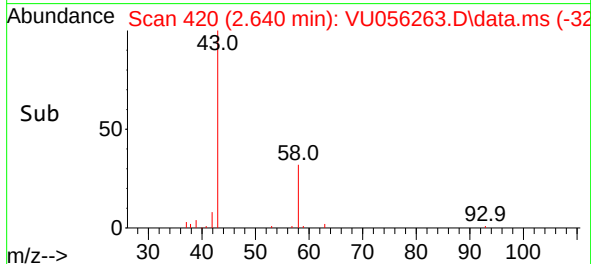
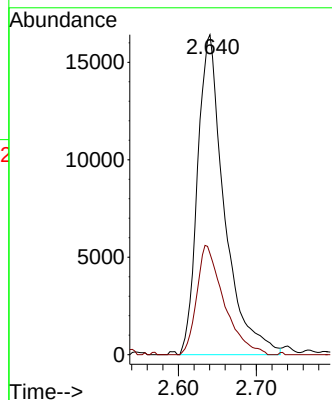
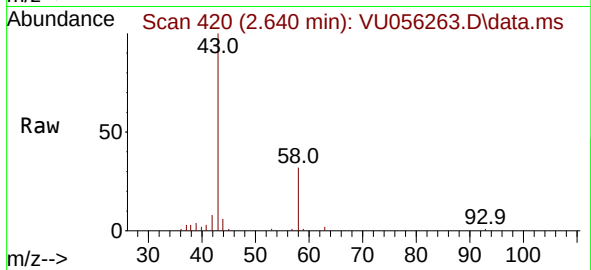
GCDN1DL

Tgt Ion: 43 Resp: 39146

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#16

Methylene chloride

Concen: 0.656 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU056263.D

Acq: 13 Nov 2023 20:06

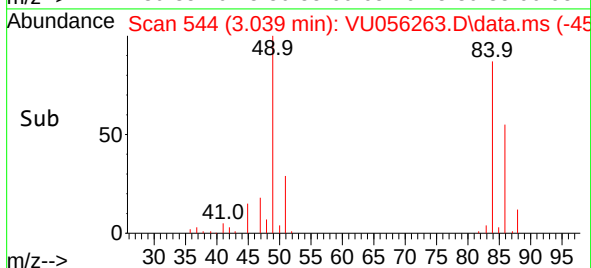
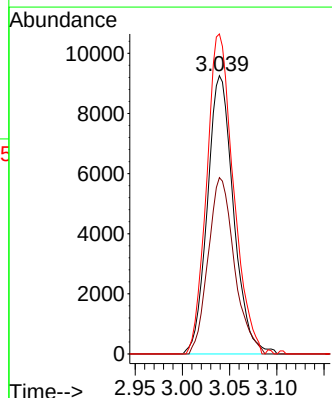
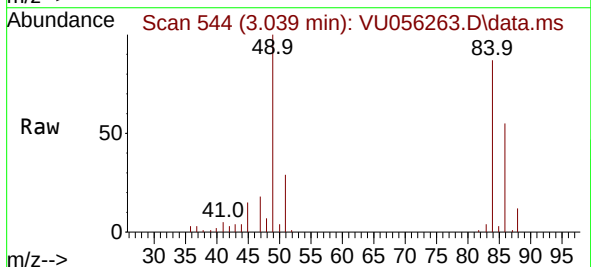
Tgt Ion: 84 Resp: 17817

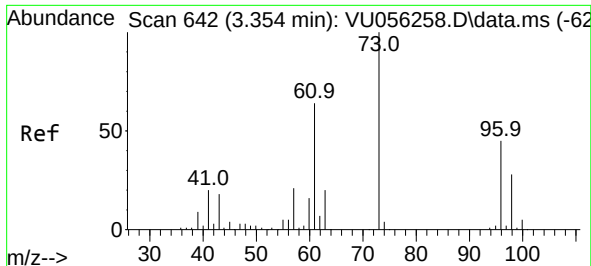
Ion Ratio Lower Upper

84 100

86 63.4 44.7 83.1

49 115.0 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 0.151 ug/L

RT: 3.361 min Scan# 64

Delta R.T. 0.006 min

Lab File: VU056263.D

Acq: 13 Nov 2023 20:06

Instrument :

MSVOA_U

ClientSampleId :

GCDN1DL

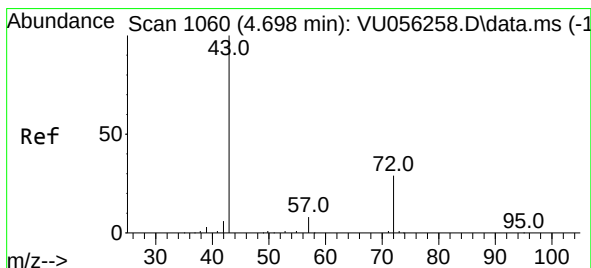
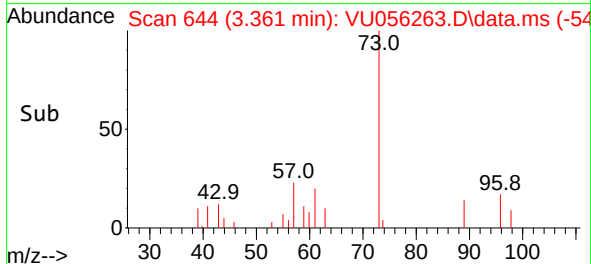
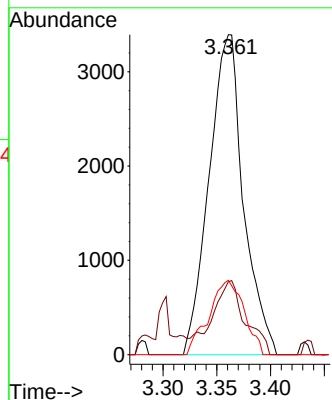
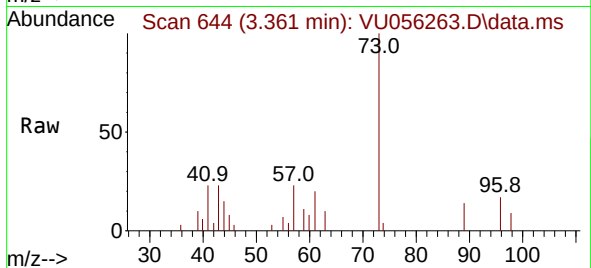
Tgt Ion: 73 Resp: 7549

Ion Ratio Lower Upper

73 100

43 22.9 15.1 22.7#

57 23.8 17.8 26.8



#21

2-Butanone

Concen: 2.283 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.029 min

Lab File: VU056263.D

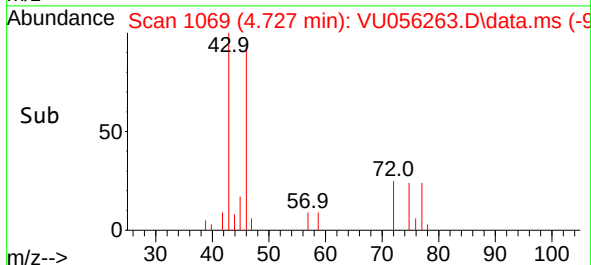
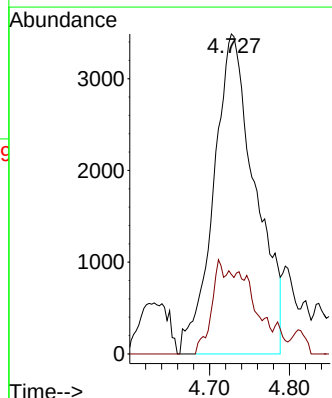
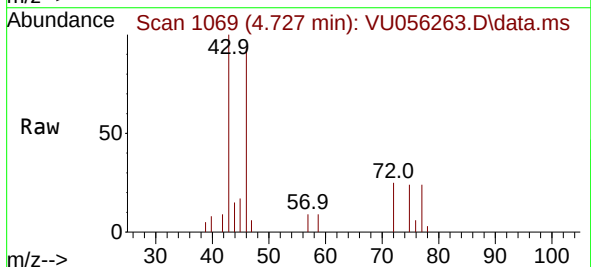
Acq: 13 Nov 2023 20:06

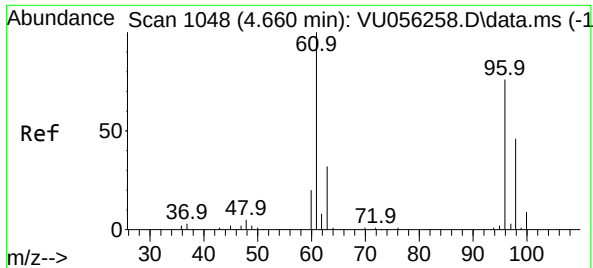
Tgt Ion: 43 Resp: 12614

Ion Ratio Lower Upper

43 100

72 9.9 14.2 42.6#

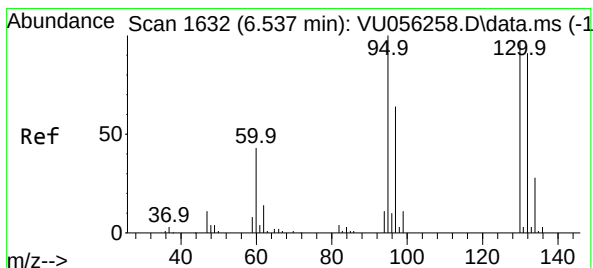
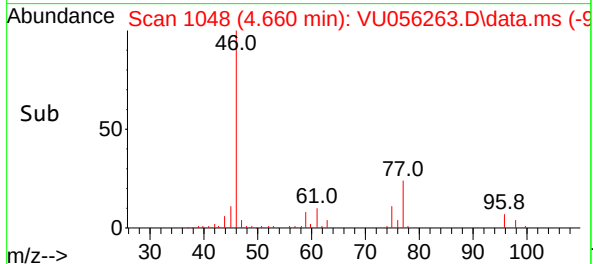
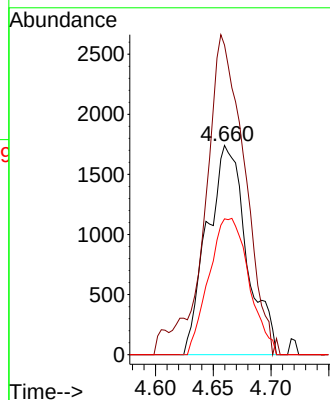
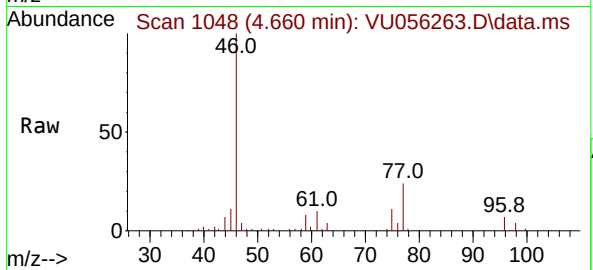




#22
 cis-1,2-Dichloroethene
 Concen: 0.172 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056263.D
 Acq: 13 Nov 2023 20:06

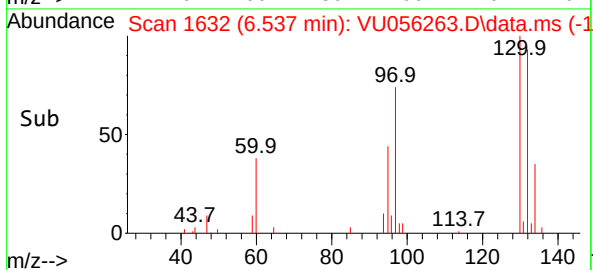
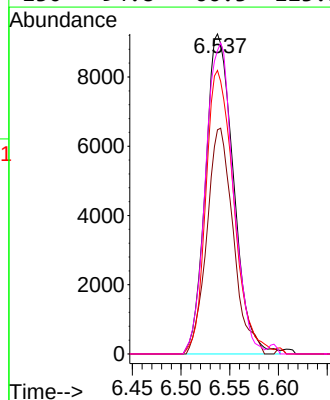
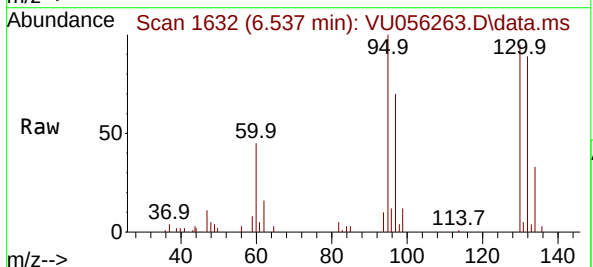
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN1DL

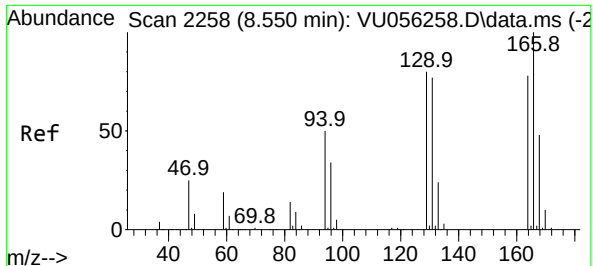
Tgt Ion: 96 Resp: 4129
 Ion Ratio Lower Upper
 96 100
 61 148.0 93.2 173.2
 98 65.0 44.8 83.2



#34
 Trichloroethene
 Concen: 0.716 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056263.D
 Acq: 13 Nov 2023 20:06

Tgt Ion: 95 Resp: 18545
 Ion Ratio Lower Upper
 95 100
 97 70.0 46.5 86.3
 132 88.6 62.0 115.2
 130 94.8 66.3 123.1





#47
Tetrachloroethene
Concen: 6.833 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056263.D
Acq: 13 Nov 2023 20:06

Instrument :
MSVOA_U
ClientSampleId :
GCDN1DL

Tgt Ion:164 Resp: 119382

Ion	Ratio	Lower	Upper
164	100		
129	103.5	71.0	131.9
131	104.0	70.3	130.7
166	126.6	89.8	166.8

