

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056173.D
 Acq On : 10 Nov 2023 15:42
 Operator : MD/SY
 Sample : 05340-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL0

Quant Time: Nov 10 22:22:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

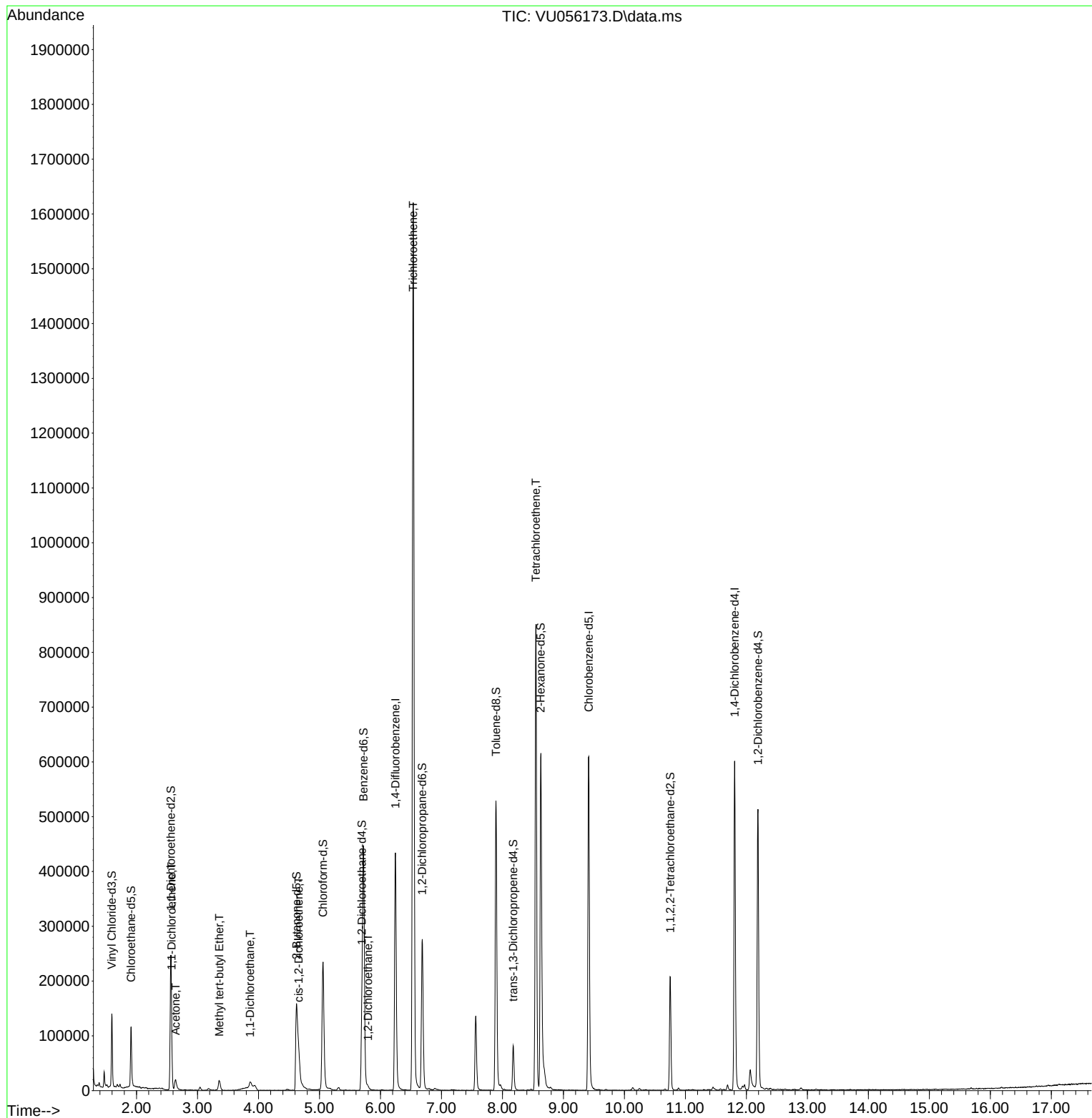
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	368166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	373873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	166468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98851	4.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.911	69	80694	5.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.563	65	45187	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.624	46	262049	69.898	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.800%#
24) Chloroform-d	5.058	84	225903	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	107701	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.721	84	444510	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.685	67	139600	5.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.894	98	377195	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	49954	4.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	218256	65.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.820%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108994	5.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	143293	5.582	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	5750	0.243	ug/L #	1
13) Acetone	2.640	43	28863	10.439	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	19532	0.366	ug/L	96
19) 1,1-Dichloroethane	3.862	63	11158	0.244	ug/L #	77
22) cis-1,2-Dichloroethene	4.660	96	18574	0.686	ug/L	99
27) 1,2-Dichloroethane	5.795	62	3845	0.139	ug/L	96
34) Trichloroethene	6.537	95	581132	19.873	ug/L	98
47) Tetrachloroethene	8.547	164	194868	8.879	ug/L	97

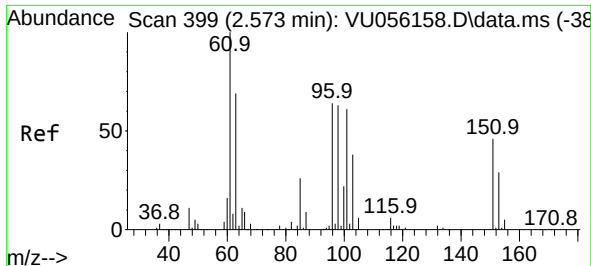
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.243 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU056173.D

Acq: 10 Nov 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

GCDL0

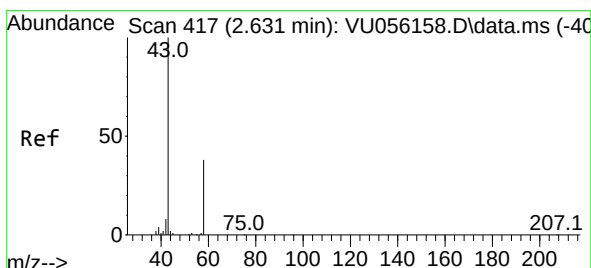
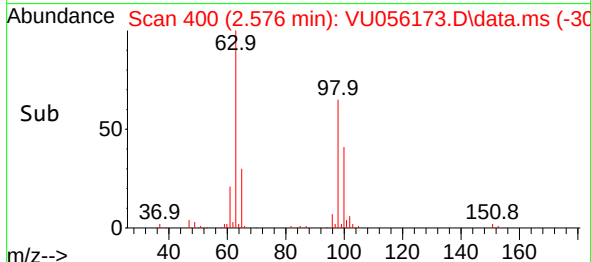
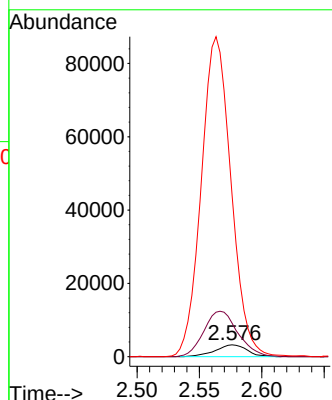
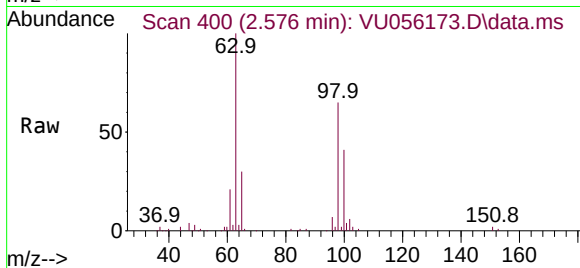
Tgt Ion: 96 Resp: 5750

Ion Ratio Lower Upper

96 100

61 284.5 111.7 207.5#

63 1372.7 74.5 138.3#



#13

Acetone

Concen: 10.439 ug/L

RT: 2.640 min Scan# 420

Delta R.T. 0.009 min

Lab File: VU056173.D

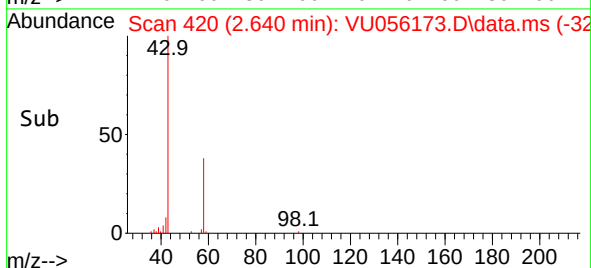
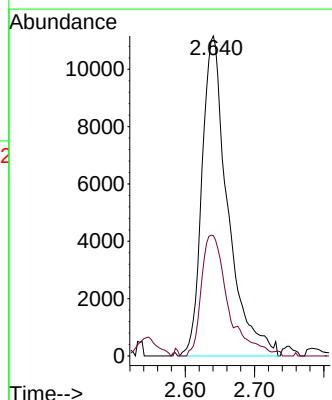
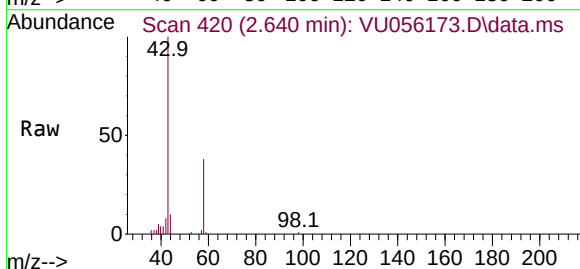
Acq: 10 Nov 2023 15:42

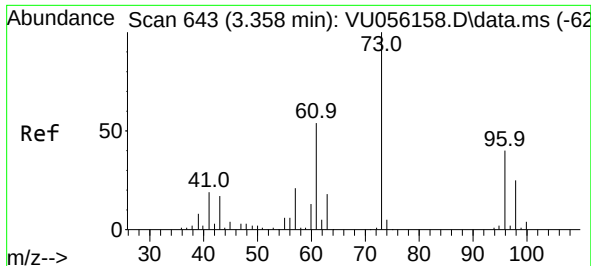
Tgt Ion: 43 Resp: 28863

Ion Ratio Lower Upper

43 100

58 39.0 0.0 74.4

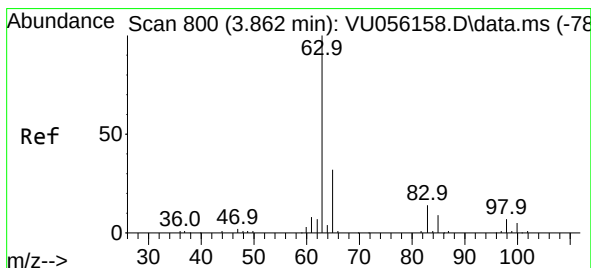
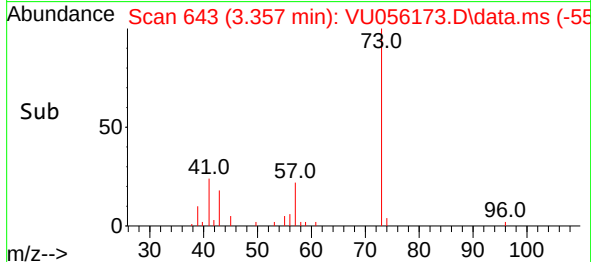
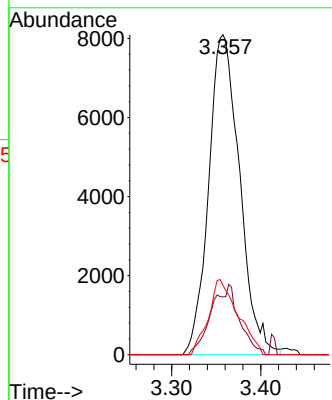
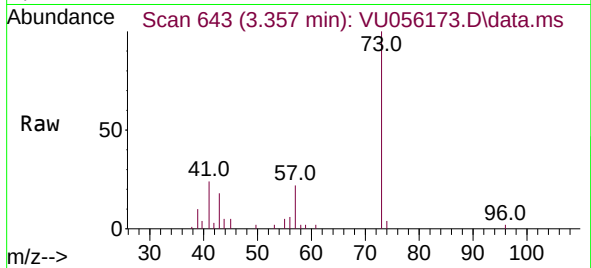




#17
Methyl tert-butyl Ether
Concen: 0.366 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU056173.D
Acq: 10 Nov 2023 15:42

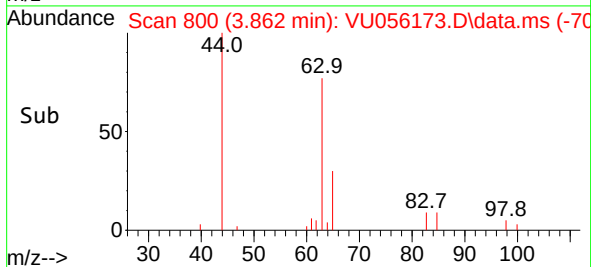
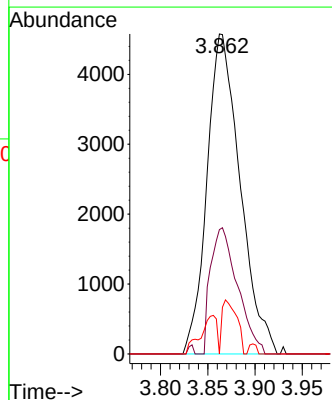
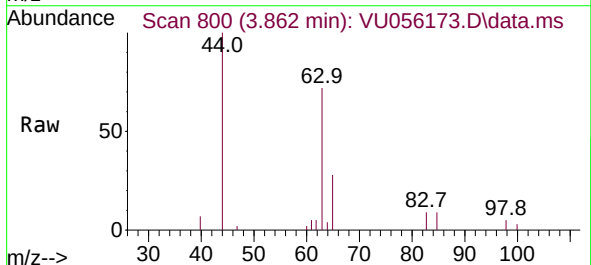
Instrument :
MSVOA_U
ClientSampleId :
GCDL0

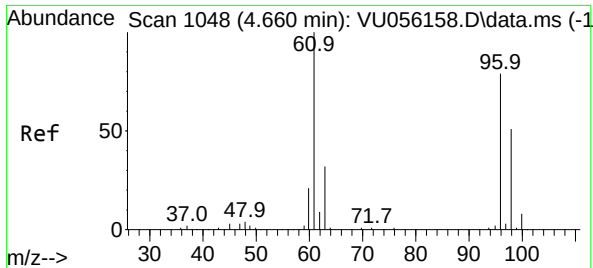
Tgt Ion: 73	Resp:	19532	
Ion	Ratio	Lower	Upper
73	100		
43	20.2	13.6	20.4
57	22.4	17.3	25.9



#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056173.D
Acq: 10 Nov 2023 15:42

Tgt Ion: 63	Resp:	11158	
Ion	Ratio	Lower	Upper
63	100		
65	38.9	20.6	38.2#
83	0.0	9.6	17.8#

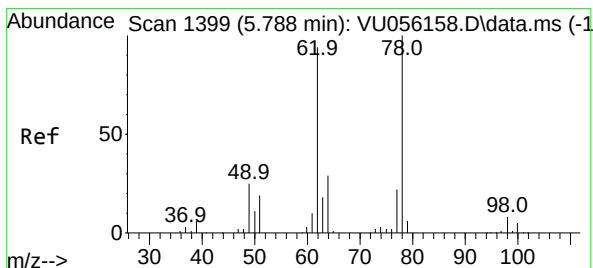
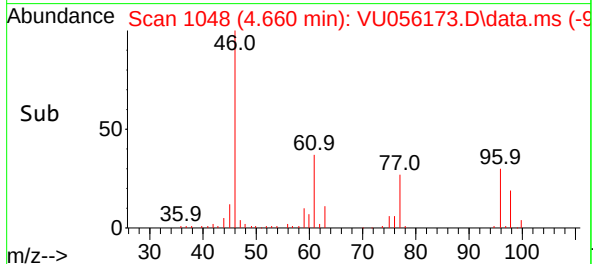
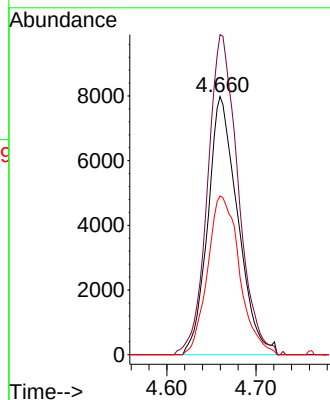
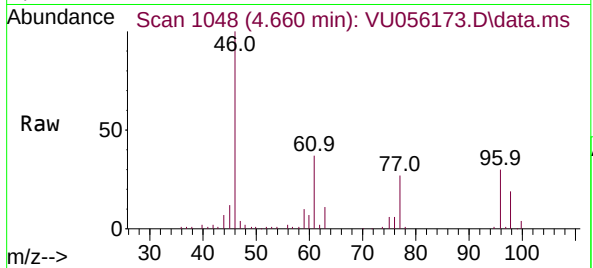




#22
 cis-1,2-Dichloroethene
 Concen: 0.686 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056173.D
 Acq: 10 Nov 2023 15:42

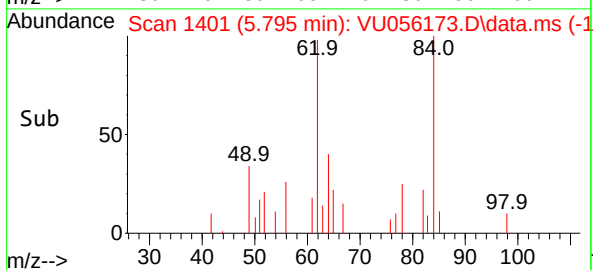
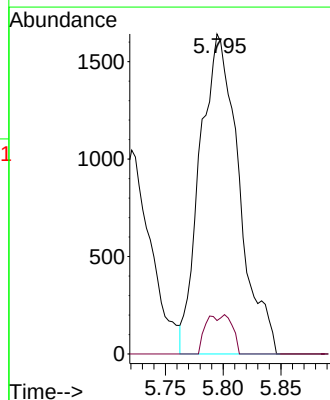
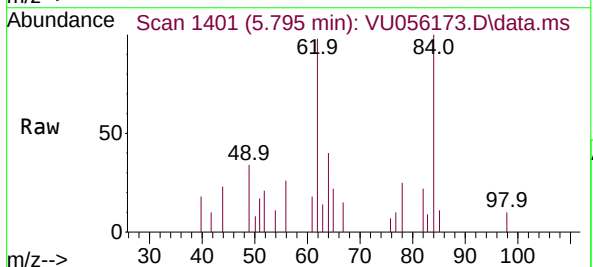
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL0

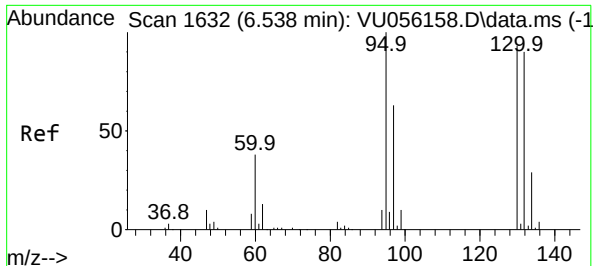
Tgt Ion: 96 Resp: 18574
 Ion Ratio Lower Upper
 96 100
 61 124.0 87.8 163.2
 98 61.5 43.5 80.7



#27
 1,2-Dichloroethane
 Concen: 0.139 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VU056173.D
 Acq: 10 Nov 2023 15:42

Tgt Ion: 62 Resp: 3845
 Ion Ratio Lower Upper
 62 100
 98 10.5 7.1 10.7





#34

Trichloroethene

Concen: 19.873 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056173.D

Acq: 10 Nov 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

GCDL0

Tgt Ion: 95 Resp: 581132

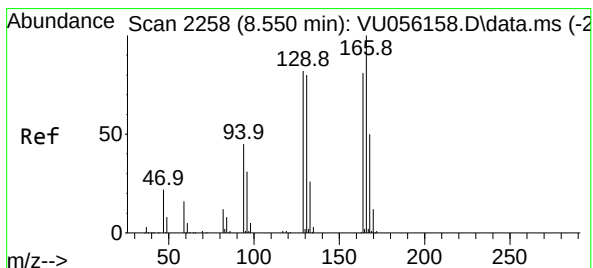
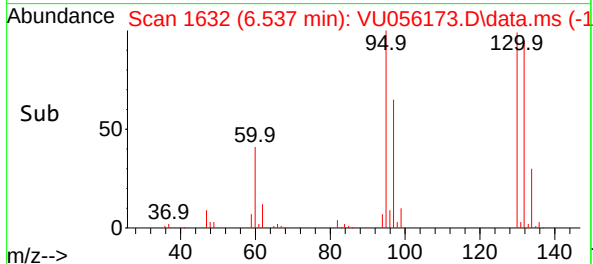
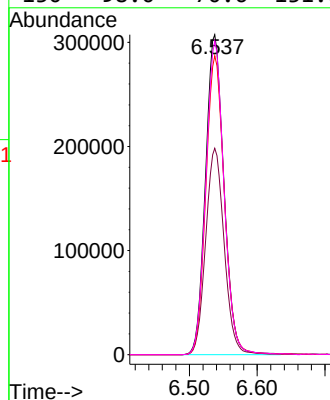
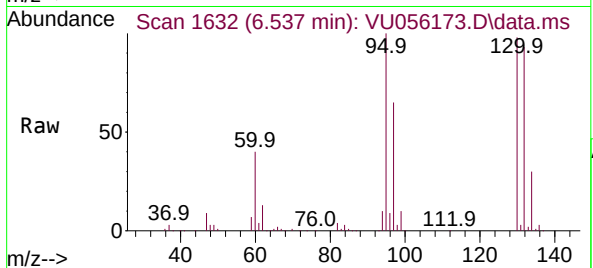
Ion Ratio Lower Upper

95 100

97 64.5 46.8 87.0

132 93.4 66.5 123.5

130 98.0 70.6 131.0



#47

Tetrachloroethene

Concen: 8.879 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056173.D

Acq: 10 Nov 2023 15:42

Tgt Ion:164 Resp: 194868

Ion Ratio Lower Upper

164 100

129 98.4 66.6 123.8

131 93.1 67.8 126.0

166 126.2 85.9 159.5

