

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056211.D
 Acq On : 11 Nov 2023 12:49
 Operator : MD/SY
 Sample : 05340-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL0

Quant Time: Nov 11 20:21:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

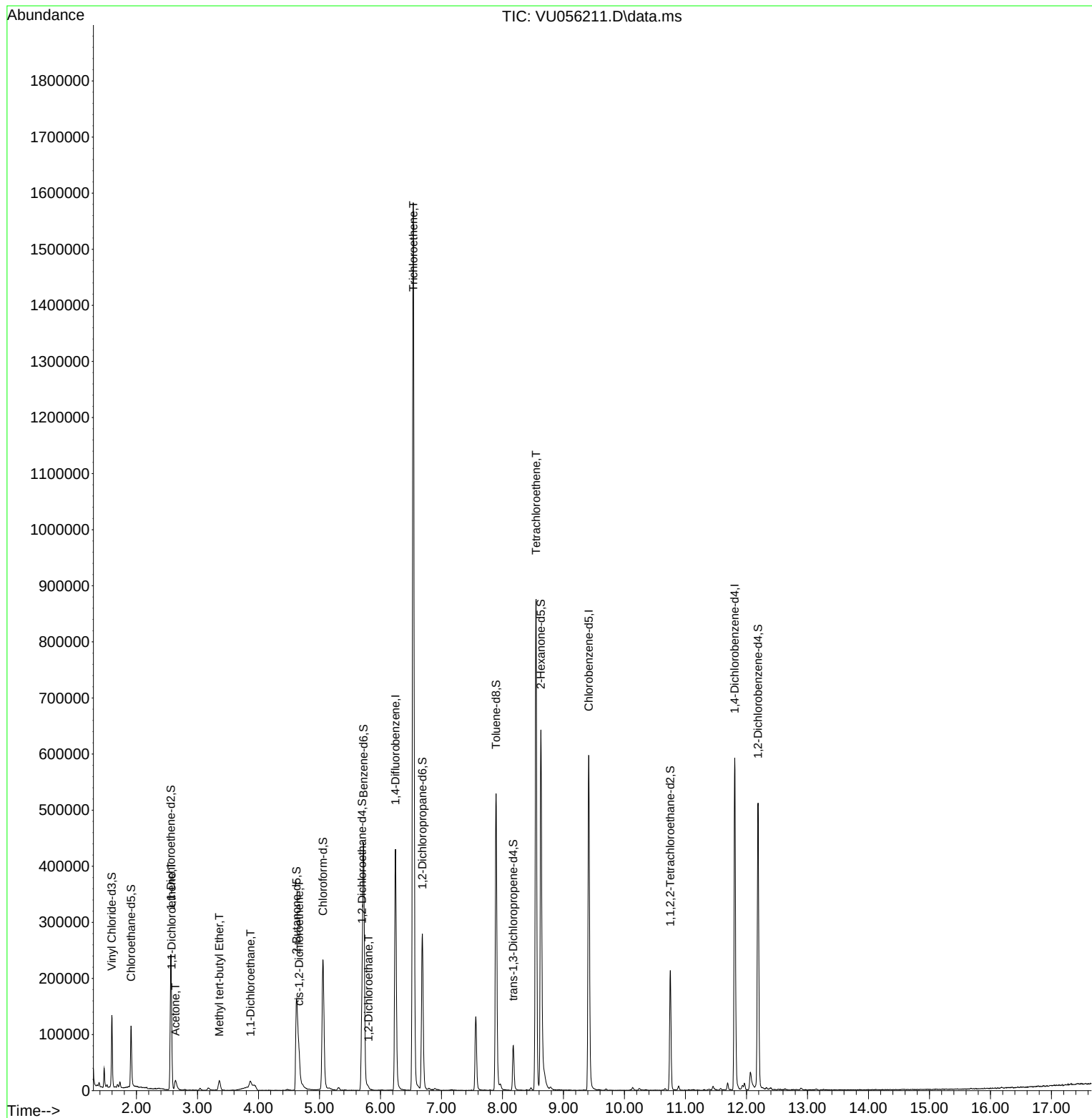
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	363542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	167308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91264	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.911	69	80966	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.563	65	44050	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.624	46	279939	75.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.560%#
24) Chloroform-d	5.055	84	225333	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.698	65	105627	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.721	84	440935	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.685	67	141258	5.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.894	98	375246	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	49826	5.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.627	63	234635	72.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	145.740%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	110185	6.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	143268	5.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	5281	0.225	ug/L #	1
13) Acetone	2.637	43	28350	10.337	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	20238	0.383	ug/L	98
19) 1,1-Dichloroethane	3.869	63	11885	0.262	ug/L #	87
22) cis-1,2-Dichloroethene	4.666	96	18365	0.684	ug/L	95
27) 1,2-Dichloroethane	5.801	62	3706	0.135	ug/L #	88
34) Trichloroethene	6.538	95	569880	20.043	ug/L	96
47) Tetrachloroethene	8.550	164	199182	9.334	ug/L	96

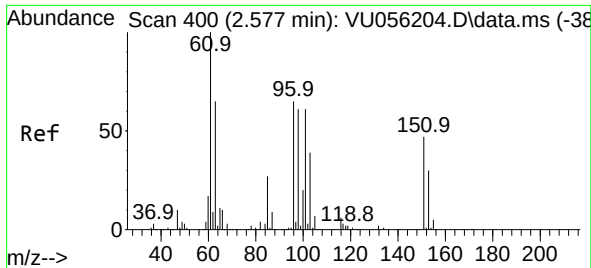
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056211.D
Acq On : 11 Nov 2023 12:49
Operator : MD/SY
Sample : 05340-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDL0

Quant Time: Nov 11 20:21:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 20:19:10 2023
Response via : Initial Calibration

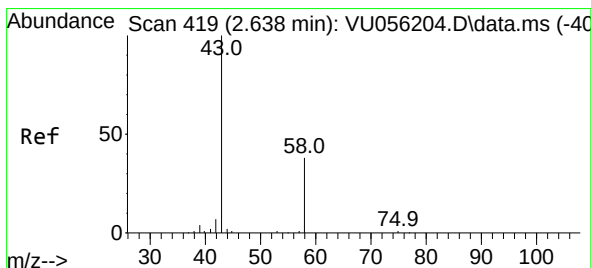
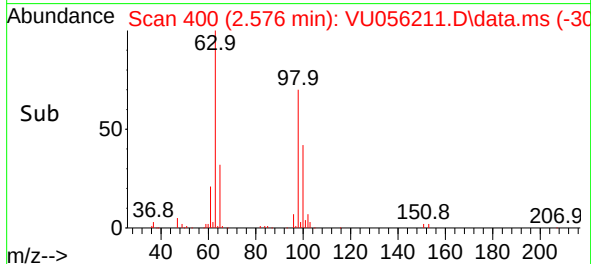
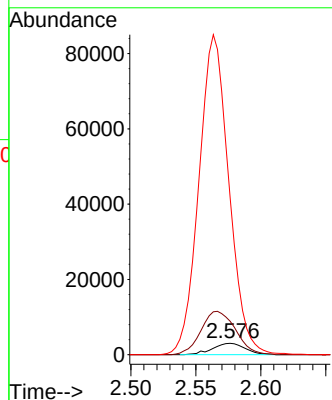
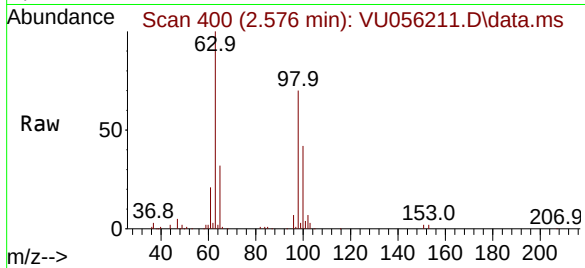




#12
1,1-Dichloroethene
Concen: 0.225 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056211.D
Acq: 11 Nov 2023 12:49

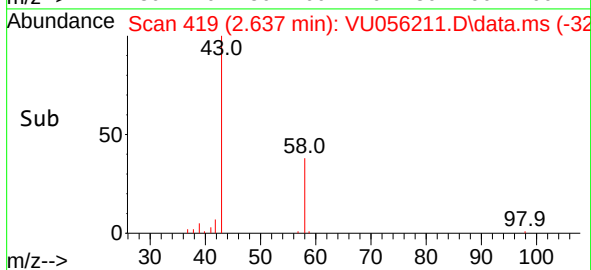
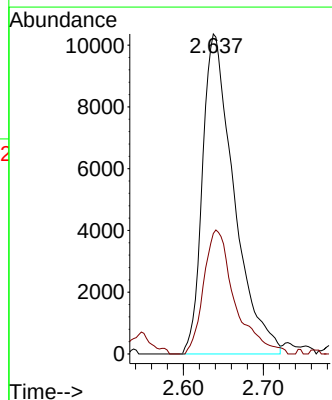
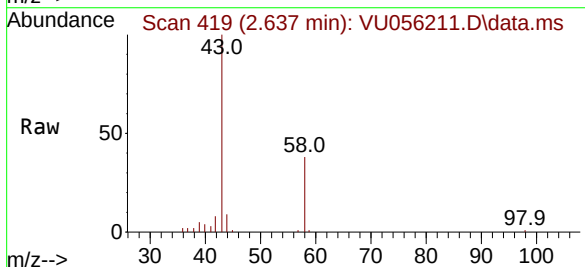
Instrument :
MSVOA_U
ClientSampleId :
GCDL0

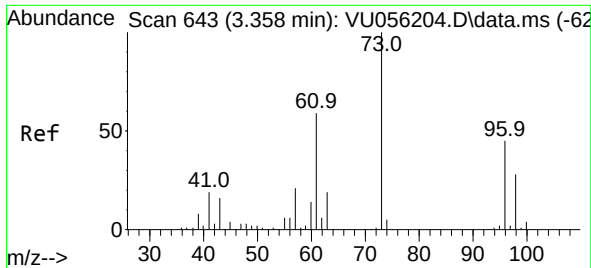
Tgt Ion: 96 Resp: 5281
Ion Ratio Lower Upper
96 100
61 292.9 111.7 207.5#
63 1376.5 74.5 138.3#



#13
Acetone
Concen: 10.337 ug/L
RT: 2.637 min Scan# 419
Delta R.T. -0.000 min
Lab File: VU056211.D
Acq: 11 Nov 2023 12:49

Tgt Ion: 43 Resp: 28350
Ion Ratio Lower Upper
43 100
58 38.3 0.0 74.4

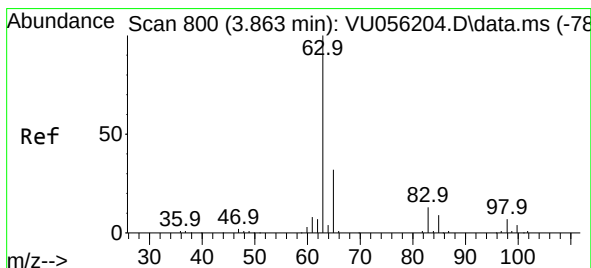
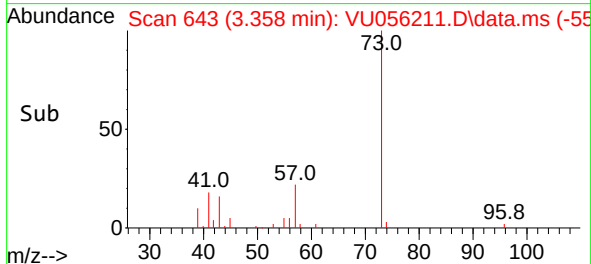
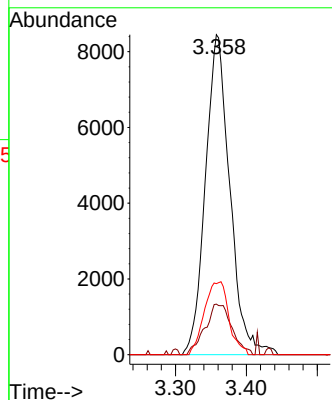
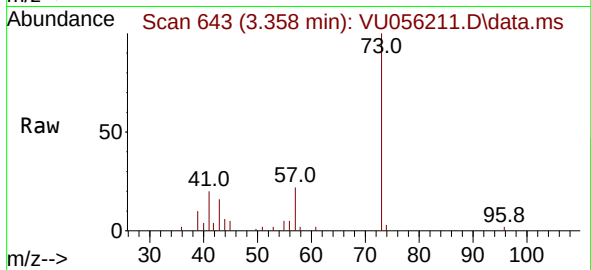




#17
Methyl tert-butyl Ether
Concen: 0.383 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU056211.D
Acq: 11 Nov 2023 12:49

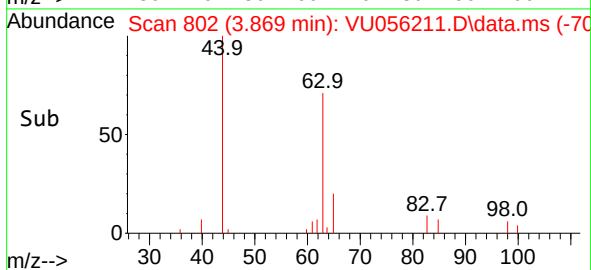
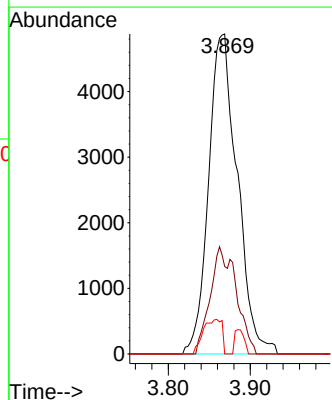
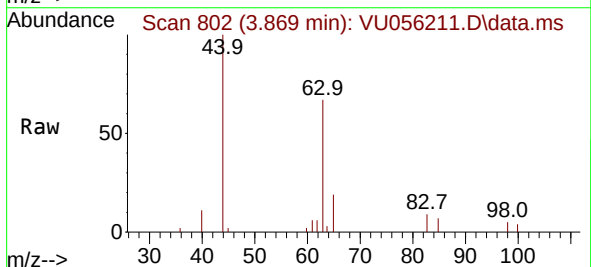
Instrument :
MSVOA_U
ClientSampleId :
GCDL0

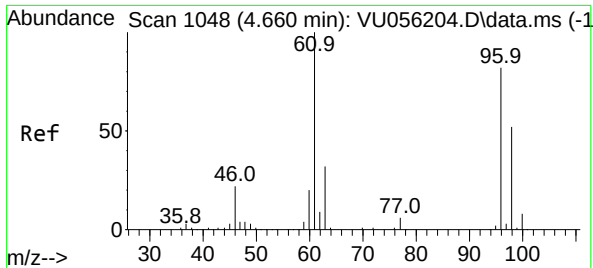
Tgt Ion: 73	Resp: 20238
Ion Ratio	Lower Upper
73 100	
43 17.3	13.6 20.4
57 22.9	17.3 25.9



#19
1,1-Dichloroethane
Concen: 0.262 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056211.D
Acq: 11 Nov 2023 12:49

Tgt Ion: 63	Resp: 11885
Ion Ratio	Lower Upper
63 100	
65 27.4	20.6 38.2
83 0.0	9.6 17.8#

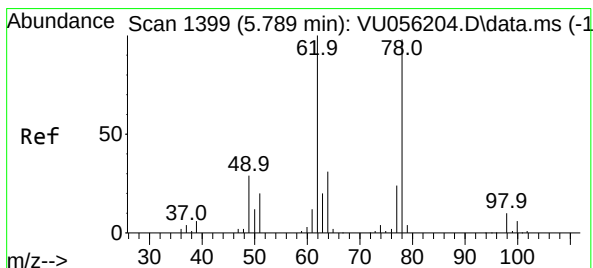
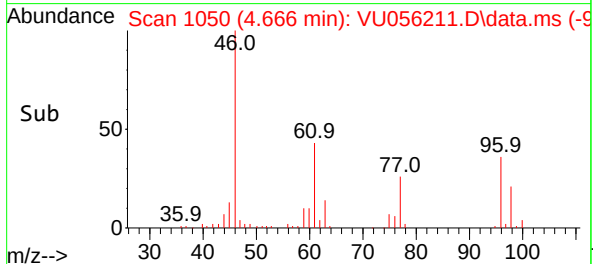
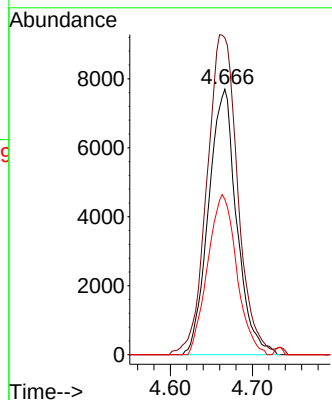
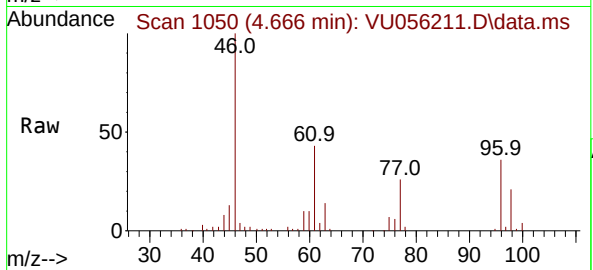




#22
 cis-1,2-Dichloroethene
 Concen: 0.684 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU056211.D
 Acq: 11 Nov 2023 12:49

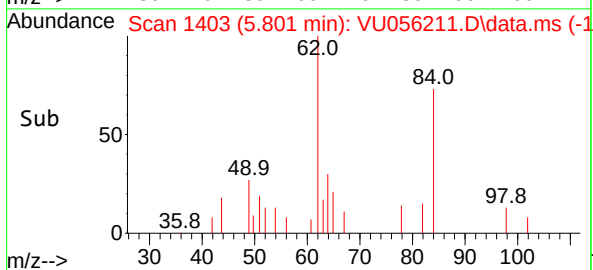
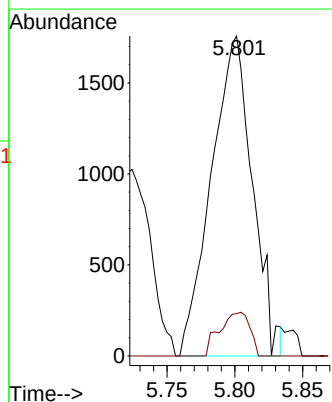
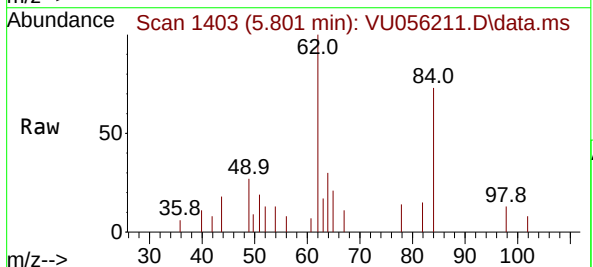
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL0

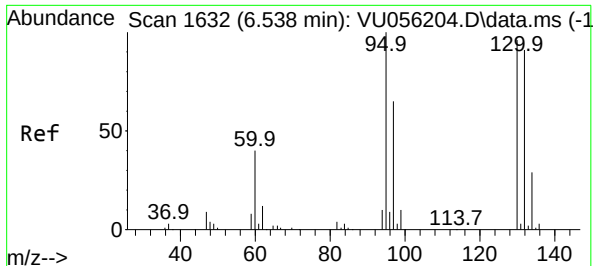
Tgt Ion: 96 Resp: 18365
 Ion Ratio Lower Upper
 96 100
 61 119.4 87.8 163.2
 98 58.5 43.5 80.7



#27
 1,2-Dichloroethane
 Concen: 0.135 ug/L
 RT: 5.801 min Scan# 1403
 Delta R.T. 0.013 min
 Lab File: VU056211.D
 Acq: 11 Nov 2023 12:49

Tgt Ion: 62 Resp: 3706
 Ion Ratio Lower Upper
 62 100
 98 13.3 7.1 10.7#





#34

Trichloroethene

Concen: 20.043 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056211.D

Acq: 11 Nov 2023 12:49

Instrument :

MSVOA_U

ClientSampleId :

GCDL0

Tgt Ion: 95 Resp: 569880

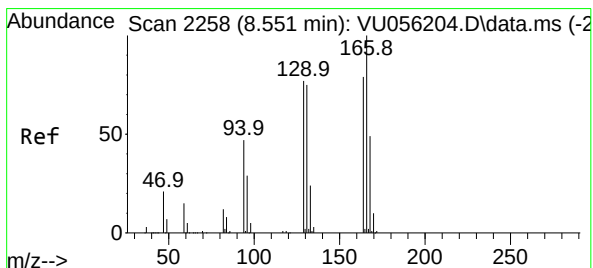
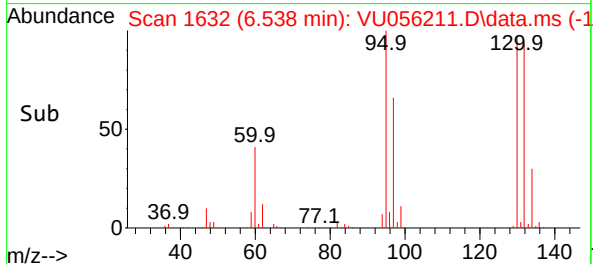
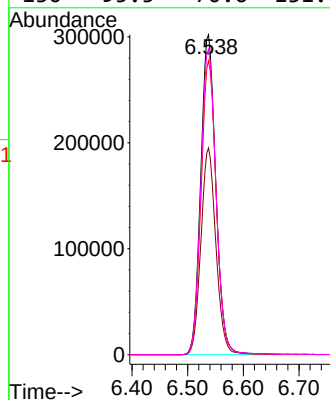
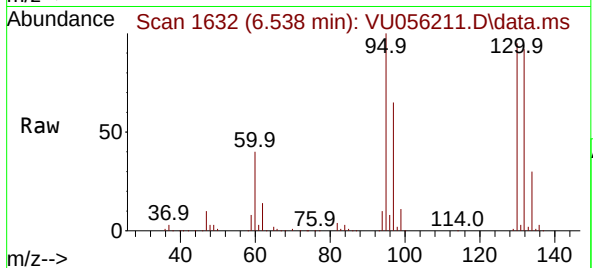
Ion Ratio Lower Upper

95 100

97 64.6 46.8 87.0

132 91.8 66.5 123.5

130 95.5 70.6 131.0



#47

Tetrachloroethene

Concen: 9.334 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056211.D

Acq: 11 Nov 2023 12:49

Tgt Ion:164 Resp: 199182

Ion Ratio Lower Upper

164 100

129 100.2 66.6 123.8

131 96.0 67.8 126.0

166 130.1 85.9 159.5

