

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056185.D
 Acq On : 10 Nov 2023 21:23
 Operator : MD/SY
 Sample : 05340-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL8

Quant Time: Nov 11 01:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

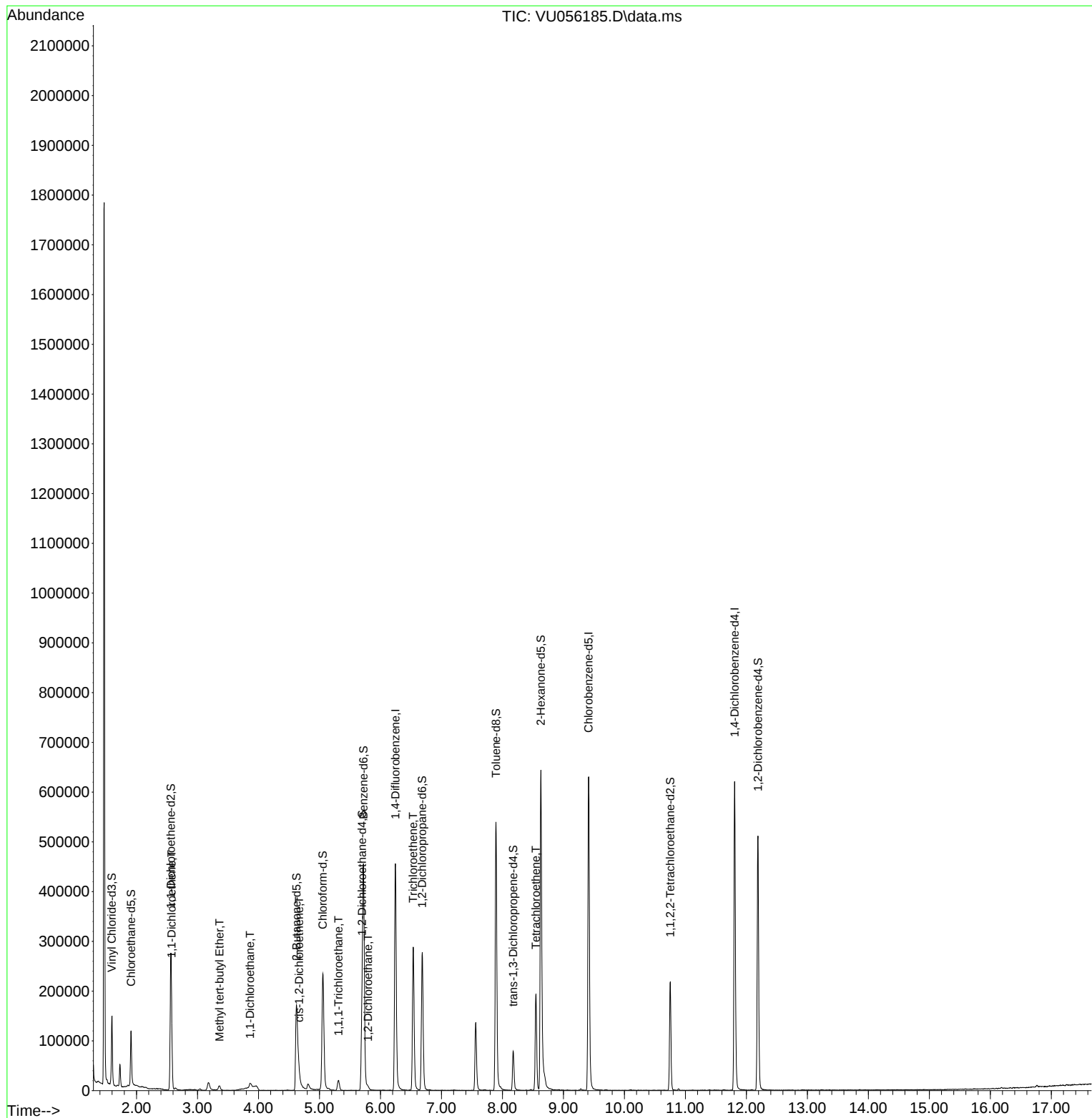
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	395655	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	390088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	176451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102027	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.911	69	83350	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.563	65	46868	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.624	46	268751	66.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.420%#
24) Chloroform-d	5.055	84	230825	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.698	65	109905	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.721	84	452609	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.685	67	138912	5.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	382464	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.177	79	49909	4.734	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.631	63	228678	66.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.360%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111565	5.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	141071	5.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	21947	0.863	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	9943	0.174	ug/L #	94
19) 1,1-Dichloroethane	3.862	63	10001	0.203	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	4740	0.163	ug/L	95
27) 1,2-Dichloroethane	5.798	62	4627	0.156	ug/L #	89
29) 1,1,1-Trichloroethane	5.312	97	16841	0.377	ug/L	94
34) Trichloroethene	6.537	95	103053	3.378	ug/L	99
47) Tetrachloroethene	8.550	164	45280	1.977	ug/L	95

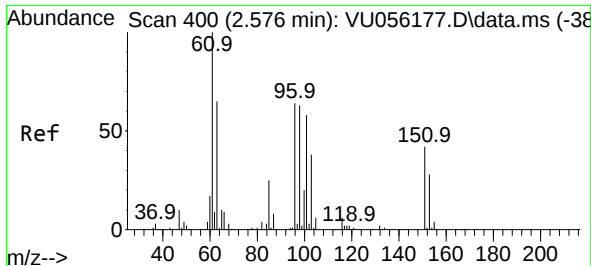
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
Data File : VU056185.D
Acq On : 10 Nov 2023 21:23
Operator : MD/SY
Sample : 05340-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDL8

Quant Time: Nov 11 01:42:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 00:40:59 2023
Response via : Initial Calibration

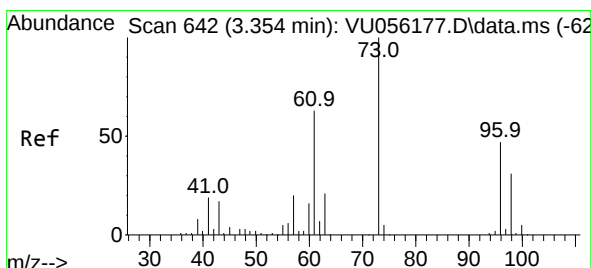
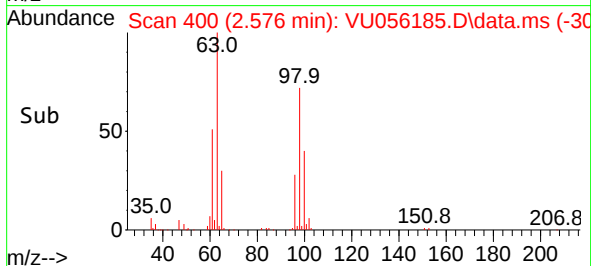
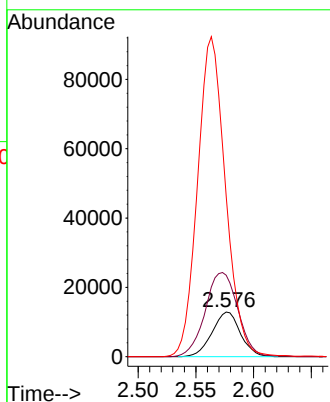
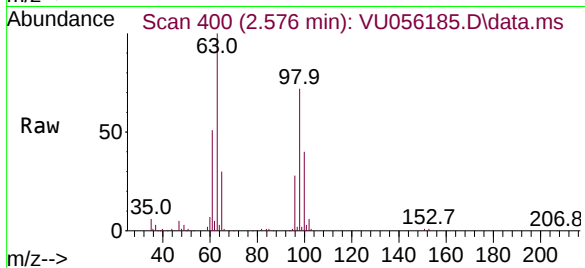




#12
 1,1-Dichloroethene
 Concen: 0.863 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056185.D
 Acq: 10 Nov 2023 21:23

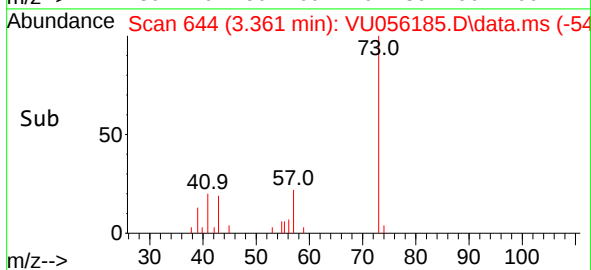
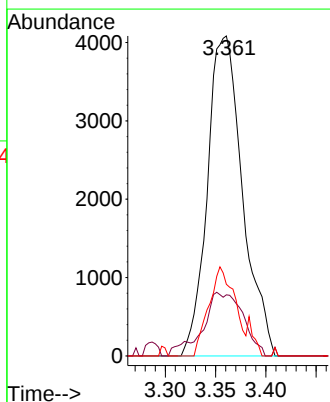
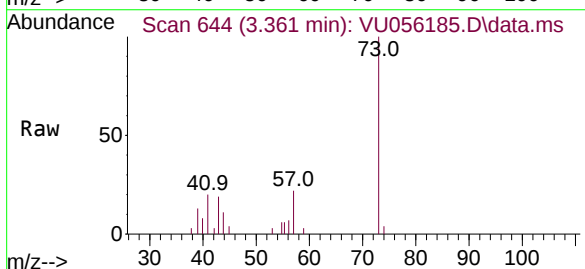
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL8

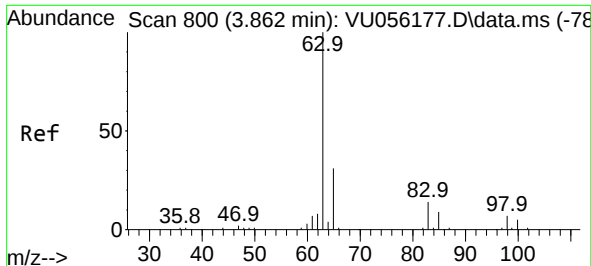
Tgt Ion: 96 Resp: 21947
 Ion Ratio Lower Upper
 96 100
 61 182.3 111.7 207.5
 63 359.2 74.5 138.3#



#17
 Methyl tert-butyl Ether
 Concen: 0.174 ug/L
 RT: 3.361 min Scan# 644
 Delta R.T. 0.006 min
 Lab File: VU056185.D
 Acq: 10 Nov 2023 21:23

Tgt Ion: 73 Resp: 9943
 Ion Ratio Lower Upper
 73 100
 43 12.1 13.6 20.4#
 57 20.7 17.3 25.9





#19

1,1-Dichloroethane

Concen: 0.203 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056185.D

Acq: 10 Nov 2023 21:23

Instrument :

MSVOA_U

ClientSampleId :

GCDL8

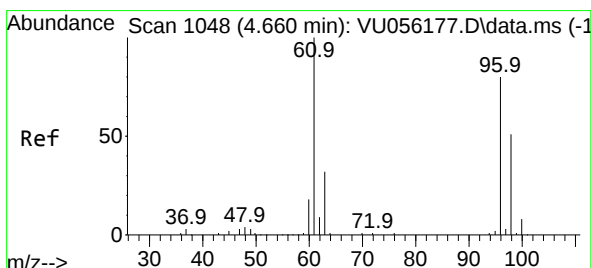
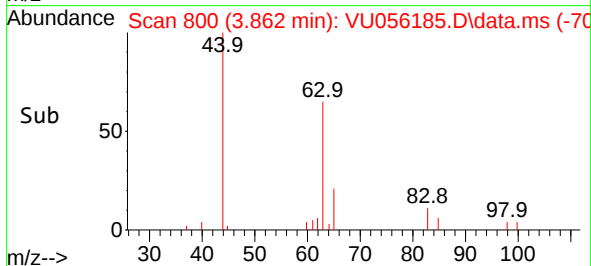
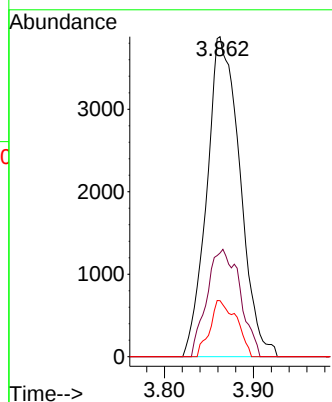
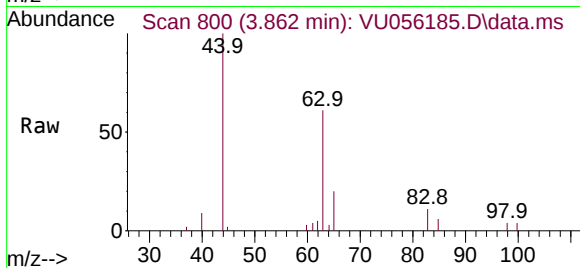
Tgt Ion: 63 Resp: 10001

Ion Ratio Lower Upper

63 100

65 32.4 20.6 38.2

83 17.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.163 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU056185.D

Acq: 10 Nov 2023 21:23

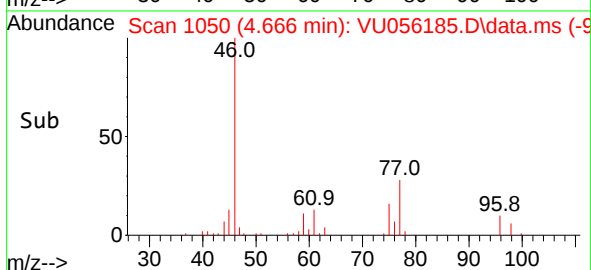
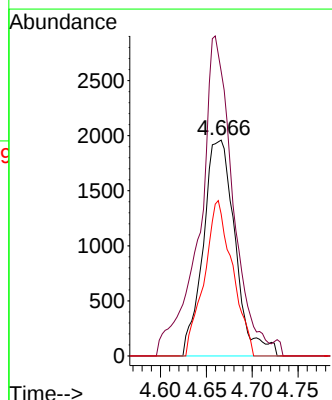
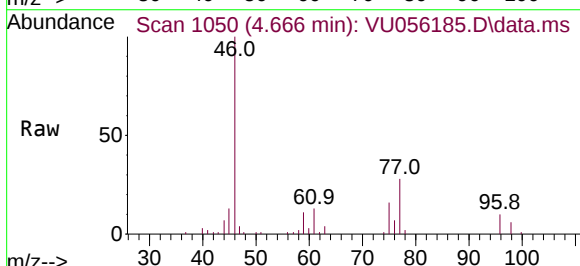
Tgt Ion: 96 Resp: 4740

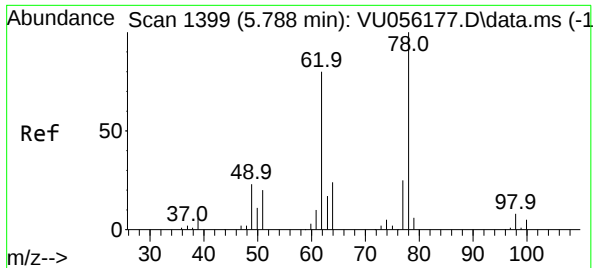
Ion Ratio Lower Upper

96 100

61 131.8 87.8 163.2

98 65.7 43.5 80.7

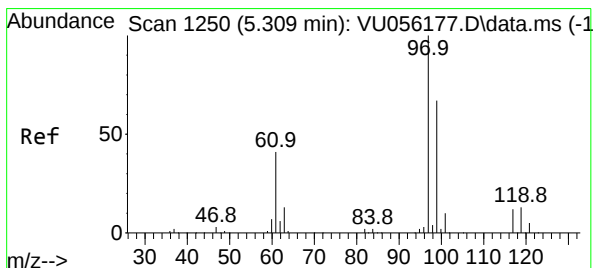
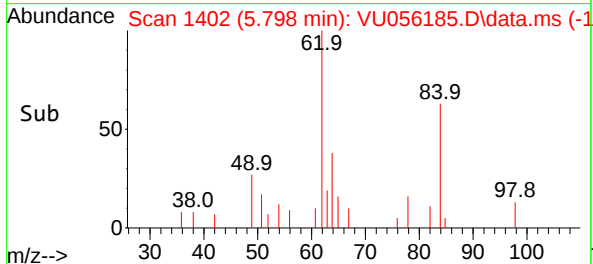
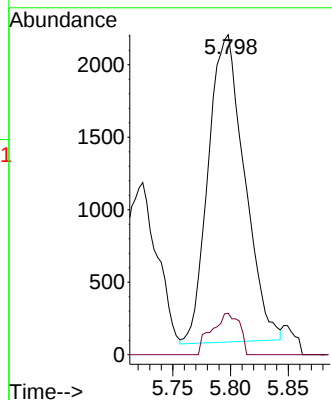
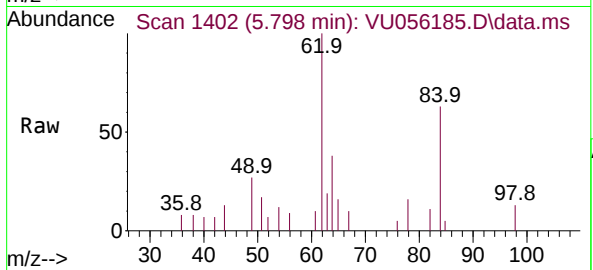




#27
1,2-Dichloroethane
Concen: 0.156 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.010 min
Lab File: VU056185.D
Acq: 10 Nov 2023 21:23

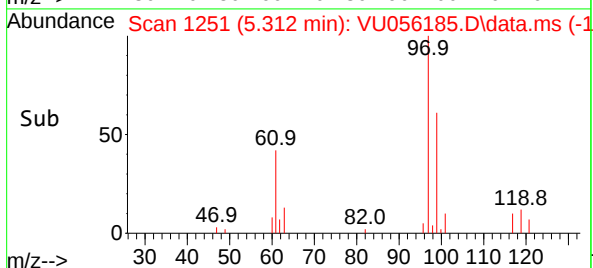
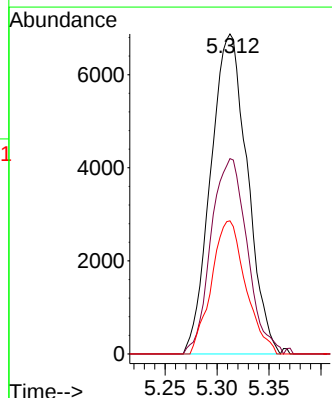
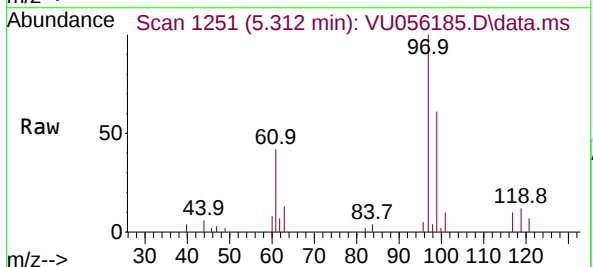
Instrument :
MSVOA_U
ClientSampleId :
GCDL8

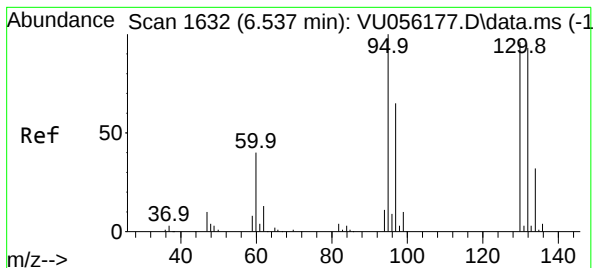
Tgt Ion: 62 Resp: 4627
Ion Ratio Lower Upper
62 100
98 13.0 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.377 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU056185.D
Acq: 10 Nov 2023 21:23

Tgt Ion: 97 Resp: 16841
Ion Ratio Lower Upper
97 100
99 60.2 52.0 78.0
61 38.7 33.4 50.0





#34

Trichloroethene

Concen: 3.378 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056185.D

Acq: 10 Nov 2023 21:23

Instrument :

MSVOA_U

ClientSampleId :

GCDL8

Tgt Ion: 95 Resp: 103053

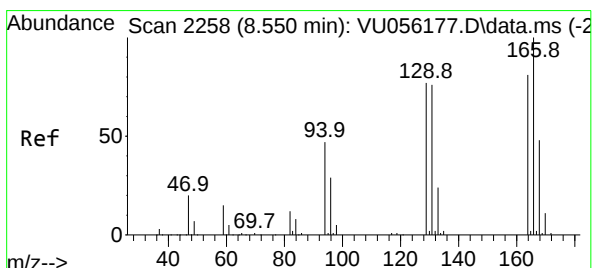
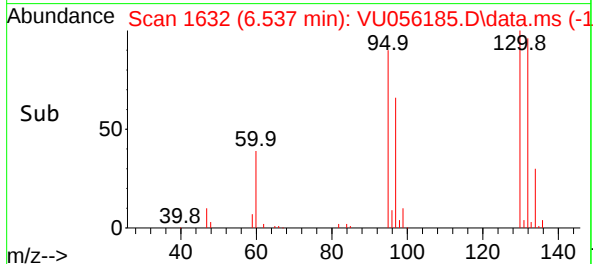
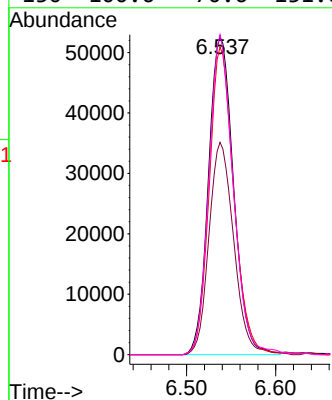
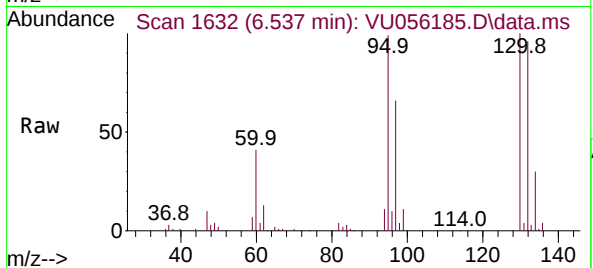
Ion Ratio Lower Upper

95 100

97 66.7 46.8 87.0

132 96.7 66.5 123.5

130 100.6 70.6 131.0



#47

Tetrachloroethene

Concen: 1.977 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056185.D

Acq: 10 Nov 2023 21:23

Tgt Ion:164 Resp: 45280

Ion Ratio Lower Upper

164 100

129 100.3 66.6 123.8

131 99.9 67.8 126.0

166 130.1 85.9 159.5

