

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056214.D
 Acq On : 11 Nov 2023 14:02
 Operator : MD/SY
 Sample : 05340-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL8

Quant Time: Nov 11 20:21:43 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)

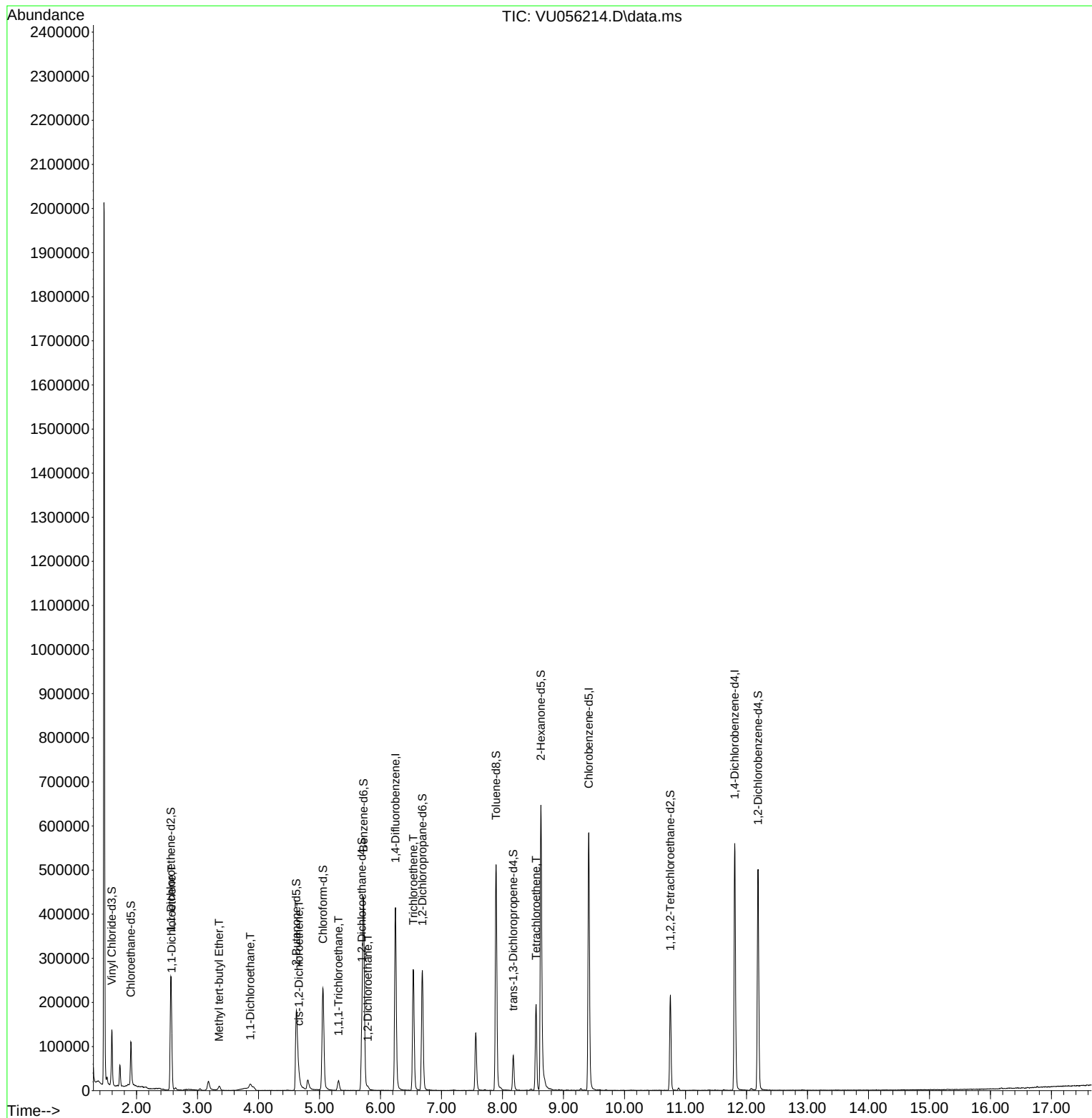
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	355669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	350588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91674	4.153	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.907	69	73361	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	42960	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.621	46	277311	76.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	153.140%#
24) Chloroform-d	5.055	84	226937	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.695	65	108359	5.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.721	84	441491	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.685	67	139858	5.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.894	98	361537	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	49215	5.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	236351	76.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.220%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110429	6.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.800%#
66) 1,2-Dichlorobenzene-d4	12.190	152	138940	5.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	22269	0.974	ug/L #	11
17) Methyl tert-butyl Ether	3.354	73	11101	0.216	ug/L	97
19) 1,1-Dichloroethane	3.866	63	10053	0.228	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	4187	0.160	ug/L	96
27) 1,2-Dichloroethane	5.791	62	4885	0.183	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	16925	0.421	ug/L	99
34) Trichloroethene	6.537	95	100985	3.683	ug/L	93
47) Tetrachloroethene	8.550	164	44385	2.157	ug/L	97

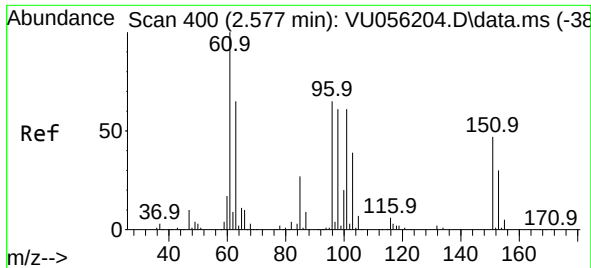
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
Data File : VU056214.D
Acq On : 11 Nov 2023 14:02
Operator : MD/SY
Sample : 05340-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDL8

Quant Time: Nov 11 20:21:43 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: 0.974 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

GCDL8

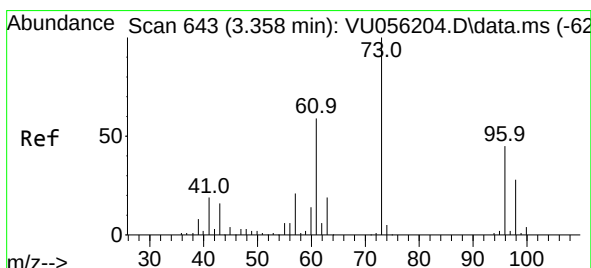
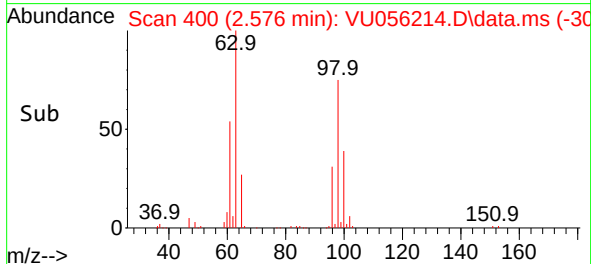
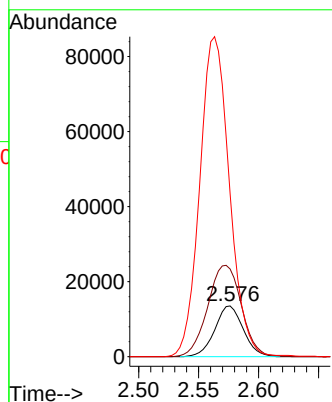
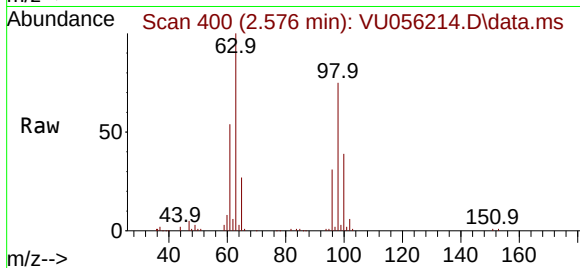
Tgt Ion: 96 Resp: 22269

Ion Ratio Lower Upper

96 100

61 172.9 111.7 207.5

63 321.4 74.5 138.3#



#17

Methyl tert-butyl Ether

Concen: 0.216 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.004 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

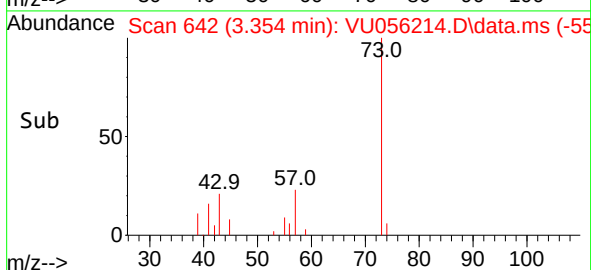
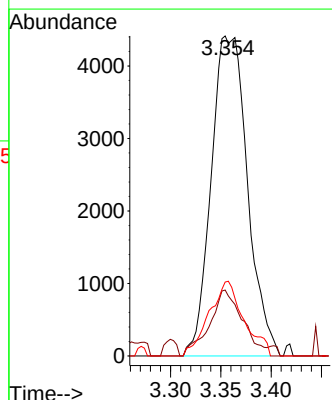
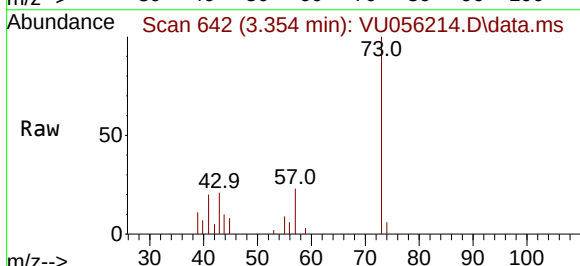
Tgt Ion: 73 Resp: 11101

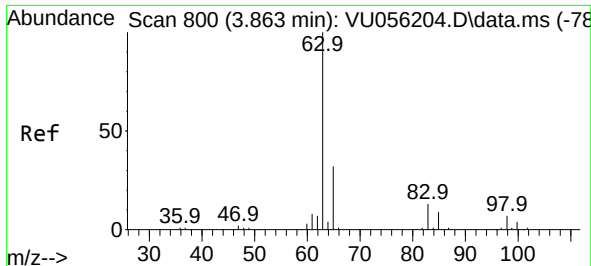
Ion Ratio Lower Upper

73 100

43 18.8 13.6 20.4

57 22.3 17.3 25.9





#19

1,1-Dichloroethane

Concen: 0.228 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

GCDL8

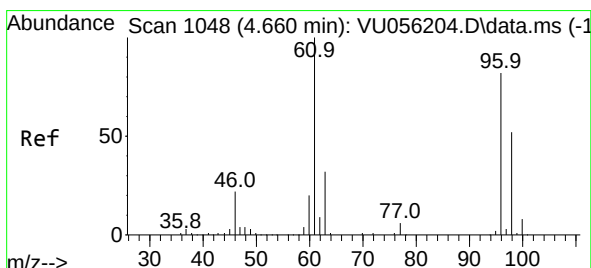
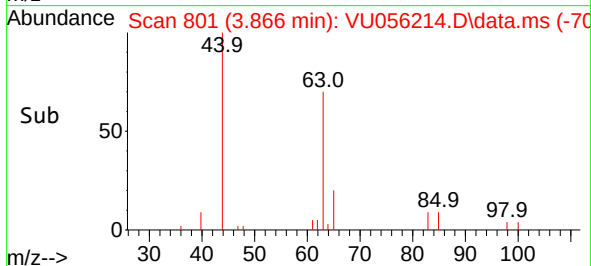
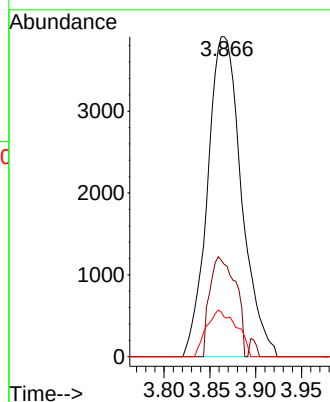
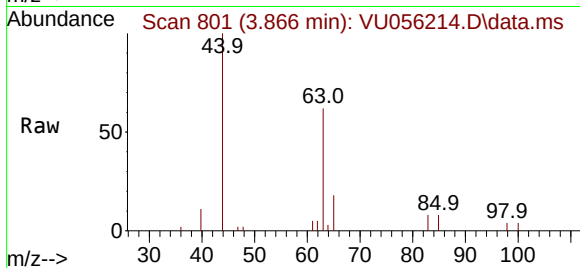
Tgt Ion: 63 Resp: 10053

Ion Ratio Lower Upper

63 100

65 28.8 20.6 38.2

83 12.4 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.160 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

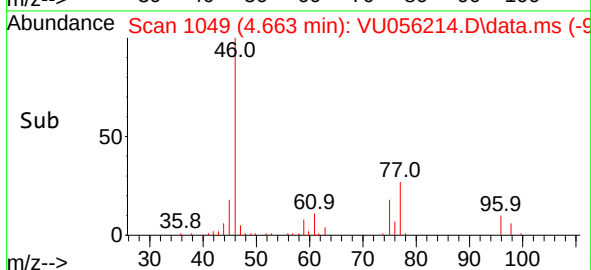
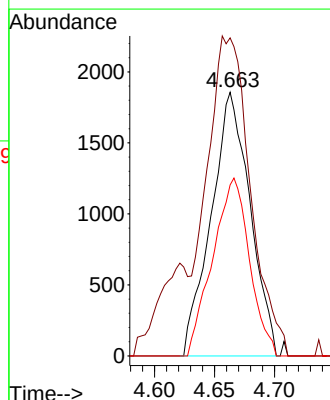
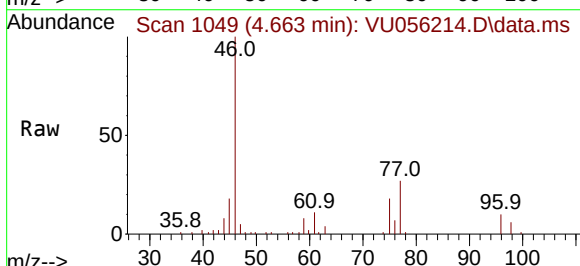
Tgt Ion: 96 Resp: 4187

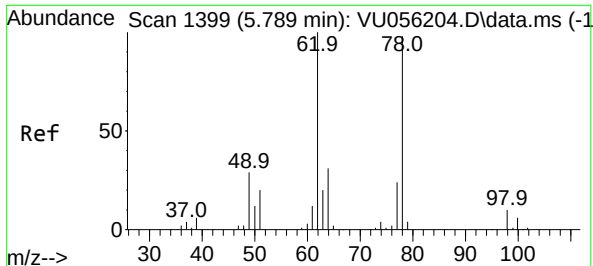
Ion Ratio Lower Upper

96 100

61 120.6 87.8 163.2

98 64.8 43.5 80.7

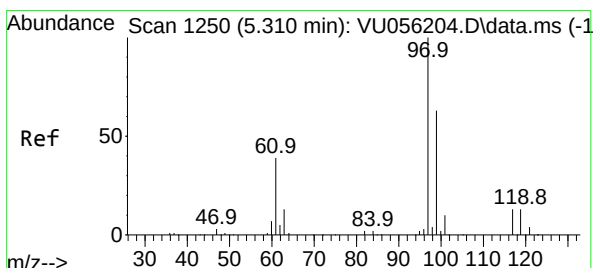
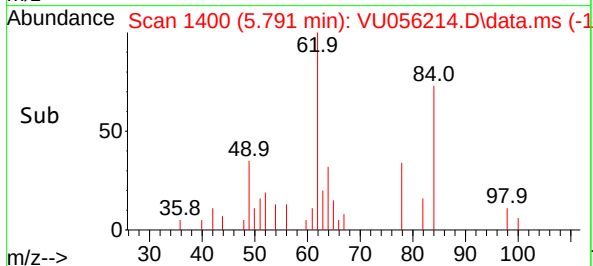
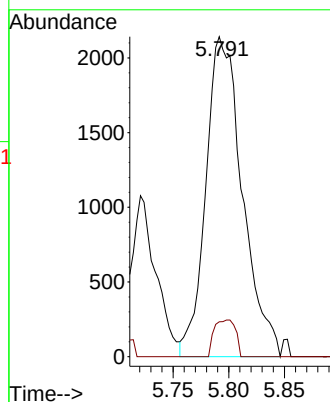
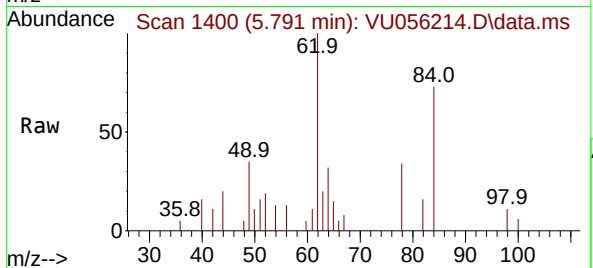




#27
1,2-Dichloroethane
Concen: 0.183 ug/L
RT: 5.791 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

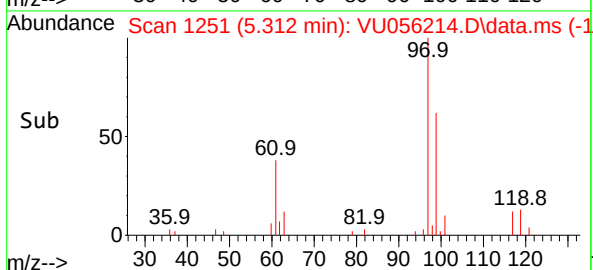
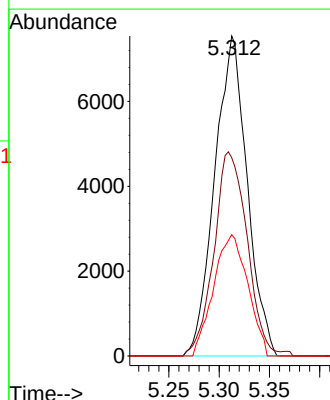
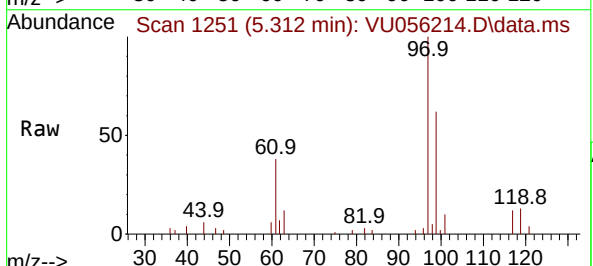
Instrument :
MSVOA_U
ClientSampleId :
GCDL8

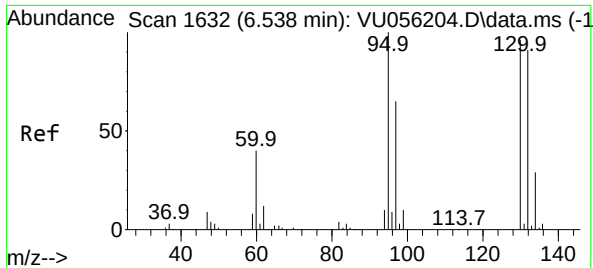
Tgt Ion: 62 Resp: 4885
Ion Ratio Lower Upper
62 100
98 10.9 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.421 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Tgt Ion: 97 Resp: 16925
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 39.9 33.4 50.0

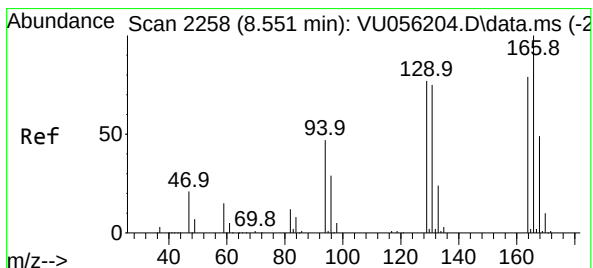
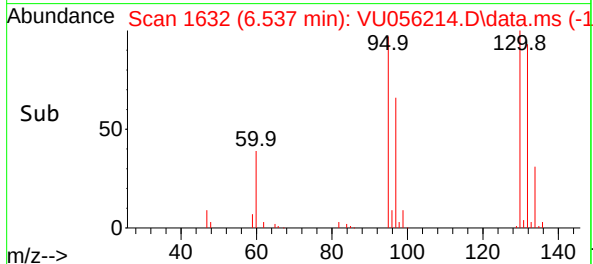
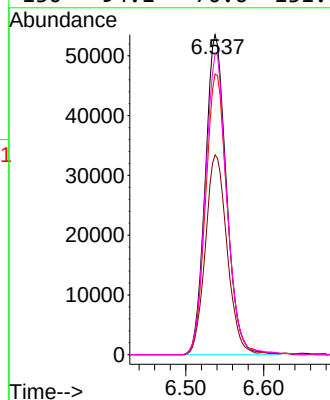
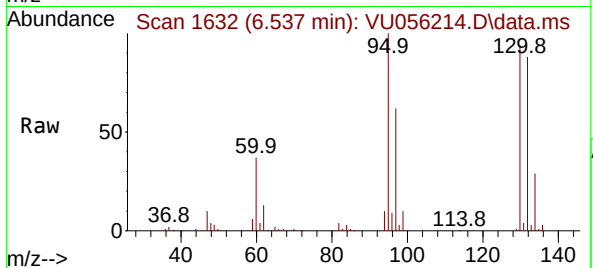




#34
Trichloroethene
Concen: 3.683 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :
GCDL8

Tgt Ion: 95 Resp: 100985
Ion Ratio Lower Upper
95 100
97 62.5 46.8 87.0
132 87.7 66.5 123.5
130 94.1 70.6 131.0



#47
Tetrachloroethene
Concen: 2.157 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Tgt Ion: 164 Resp: 44385
Ion Ratio Lower Upper
164 100
129 95.9 66.6 123.8
131 98.0 67.8 126.0
166 131.0 85.9 159.5

