

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

Instrument :
 MSVOA_U
 ClientSampleId :

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)

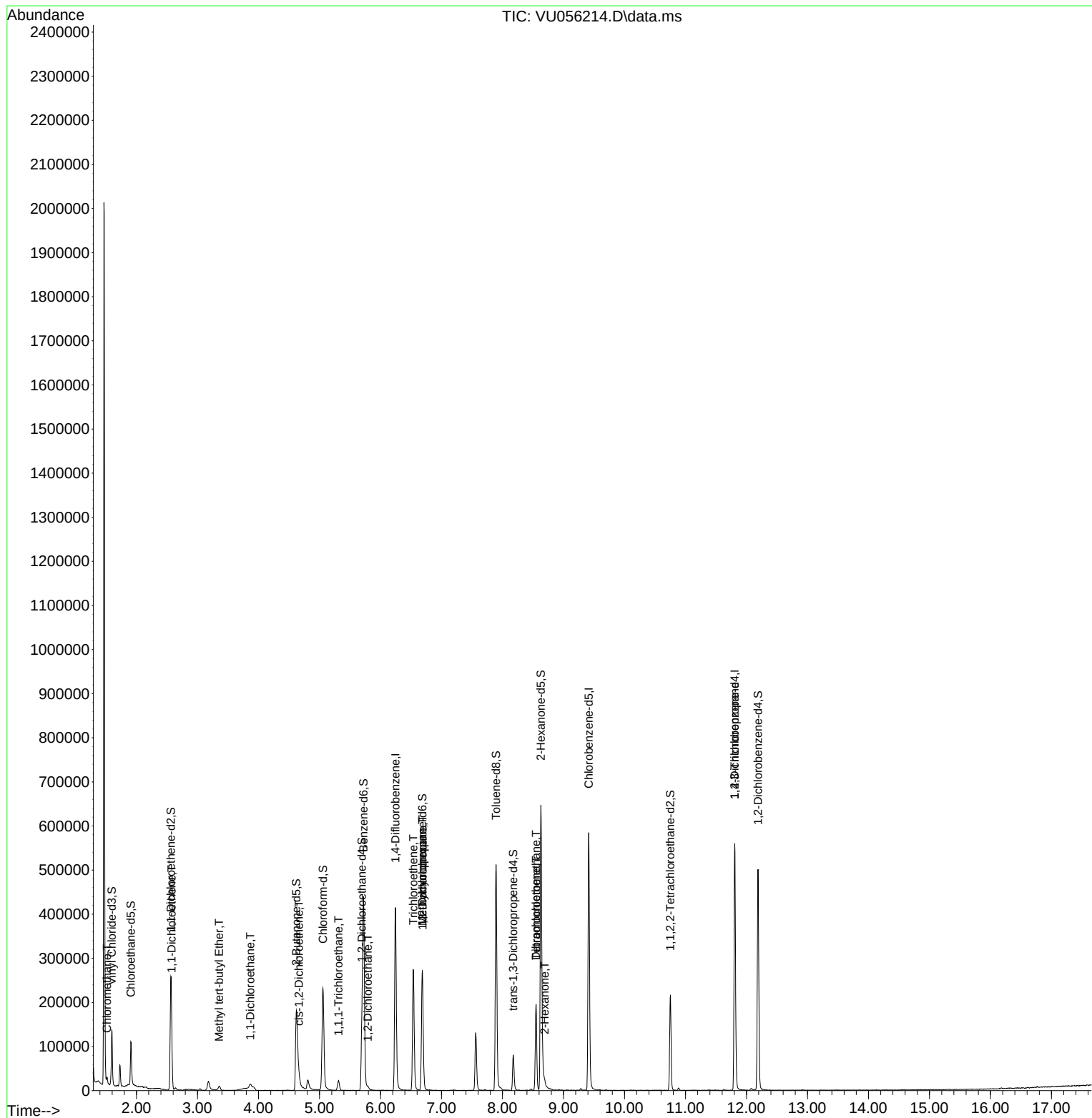
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	355669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	350588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	158266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	91674	4.153	ug/L	0.00
Spiked Amount	5.000	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
3) Chloromethane	1.518	50	9817	0.347	ug/L	94
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
35) Methylcyclohexane	6.685	83	33693	0.827	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	13940	0.534	ug/L #	87
47) Tetrachloroethene	8.550	164	44385	2.157	ug/L	97
48) 2-Hexanone	8.692	43	9686	1.165	ug/L #	93
49) Dibromochloromethane	8.550	129	43564	2.127	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18068	1.323	ug/L #	68

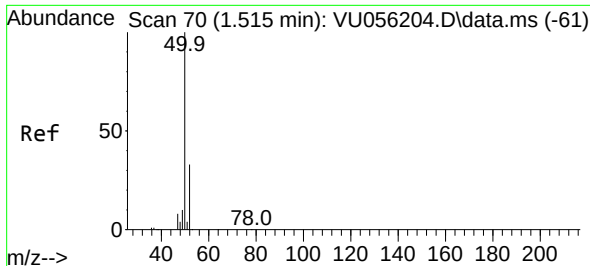
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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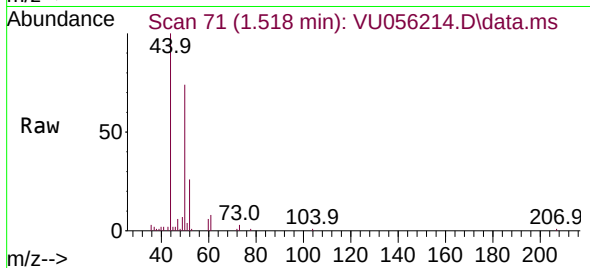
Quant Time: Nov 11 20:21:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 20:19:10 2023
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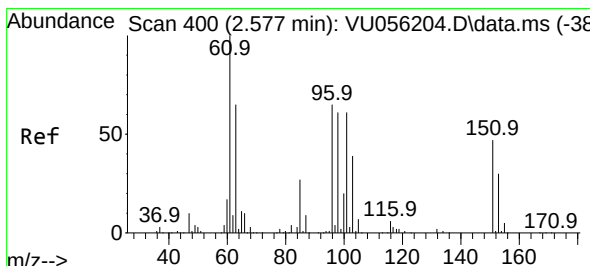
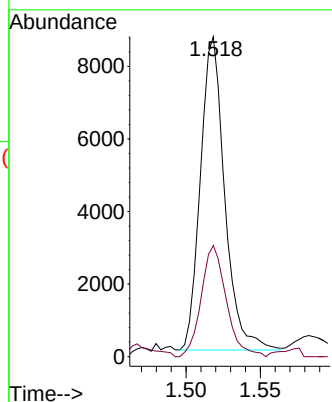
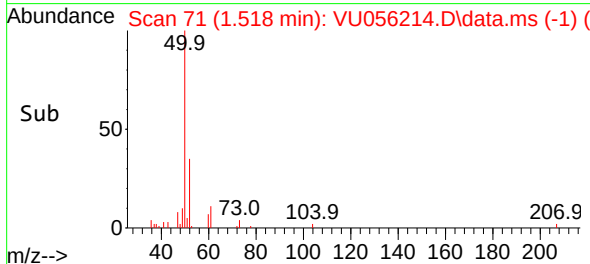


#3
Chloromethane
Concen: 0.347 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :

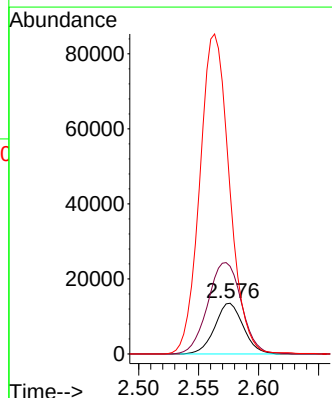
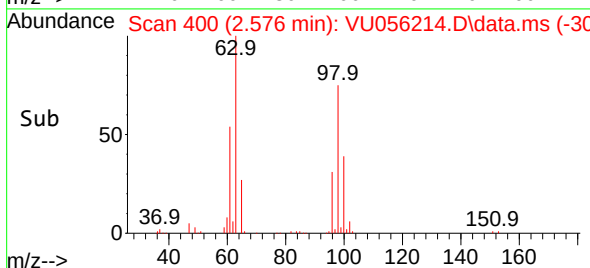
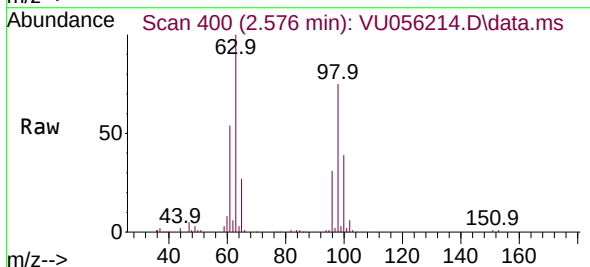


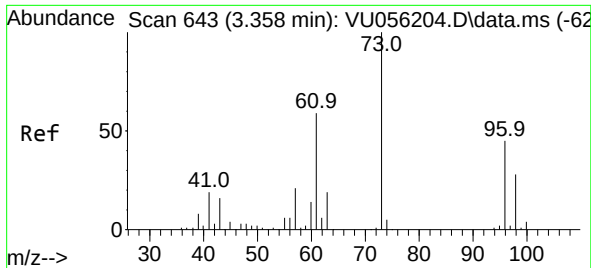
Tgt Ion: 50 Resp: 9817
Ion Ratio Lower Upper
50 100
52 34.8 22.2 41.2



#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

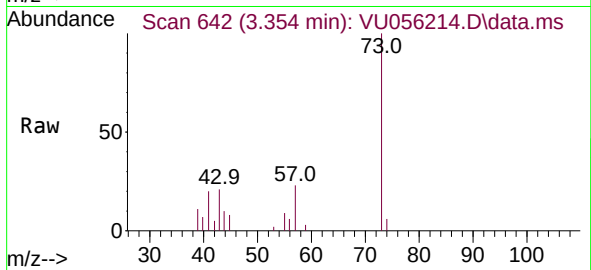
Tgt Ion: 96 Resp: 22269
Ion Ratio Lower Upper
96 100
61 172.9 111.7 207.5
63 321.4 74.5 138.3



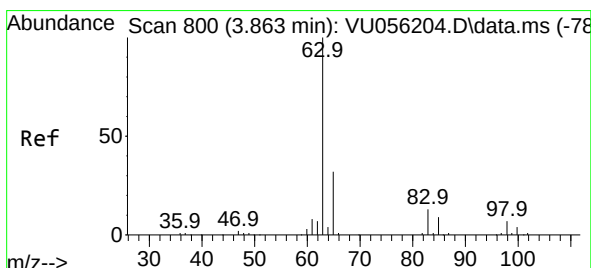
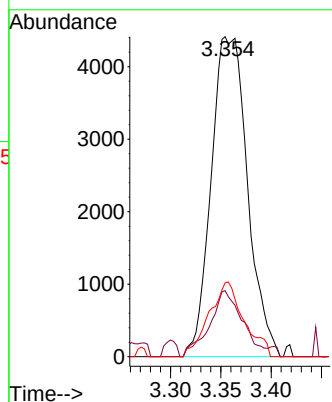
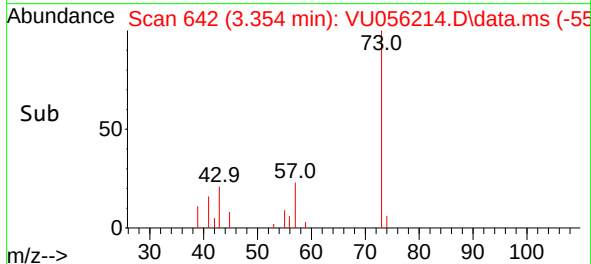


#17
Methyl tert-butyl Ether
Concen: 0.216 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.004 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

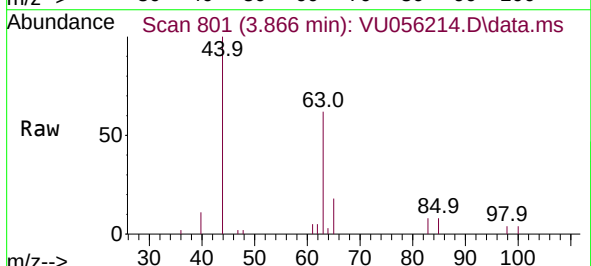
Instrument :
MSVOA_U
ClientSampleId :



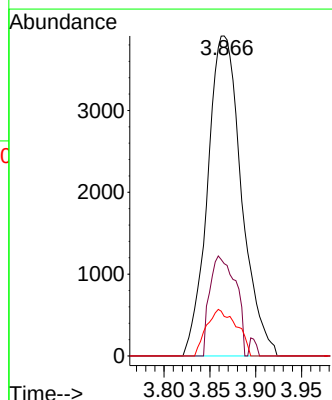
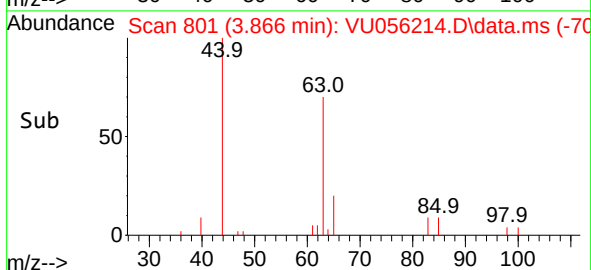
Tgt Ion: 73 Resp: 11101
Ion Ratio Lower Upper
73 100
43 18.8 13.6 20.4
57 22.3 17.3 25.9

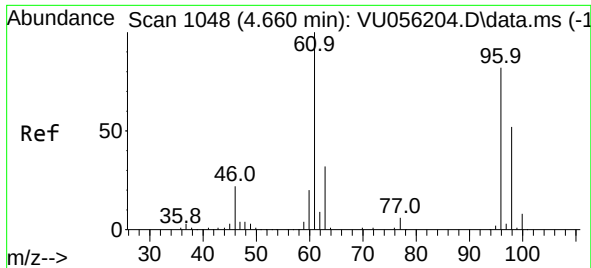


#19
1,1-Dichloroethane
Concen: 0.228 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02



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

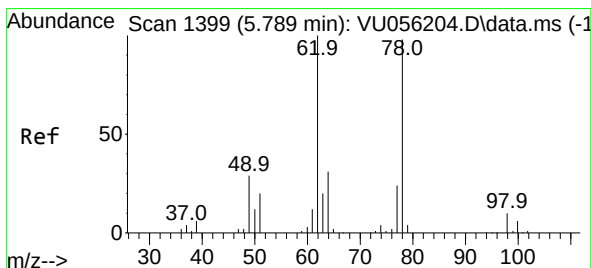
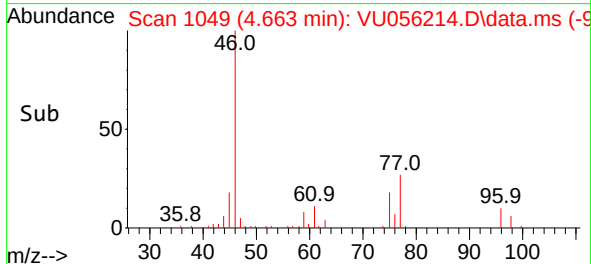
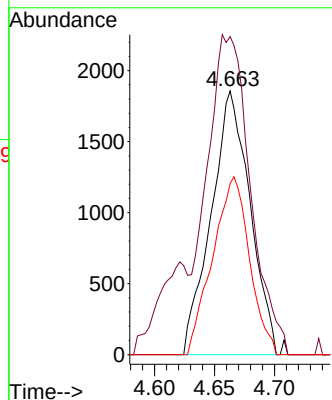
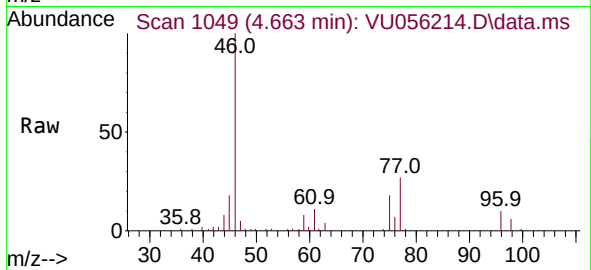




#22
 cis-1,2-Dichloroethene
 Concen: 0.160 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056214.D
 Acq: 11 Nov 2023 14:02

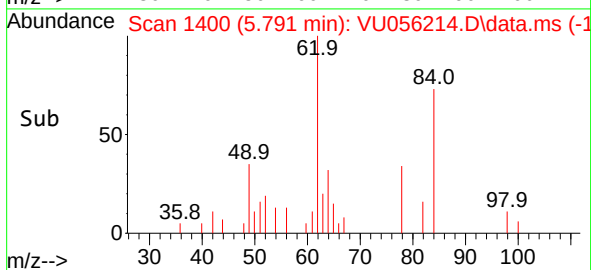
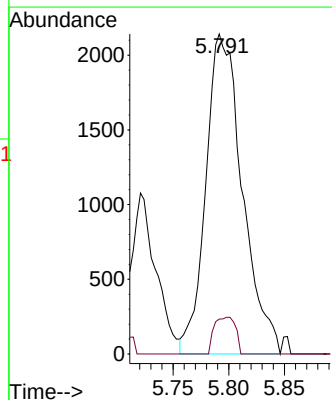
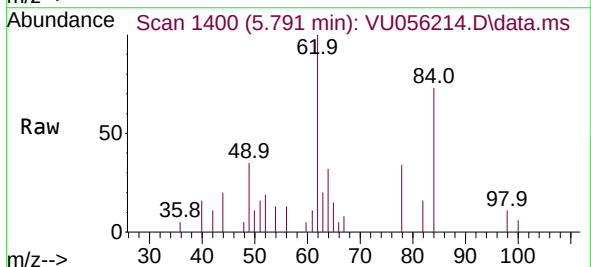
Instrument :
 MSVOA_U
 ClientSampleId :

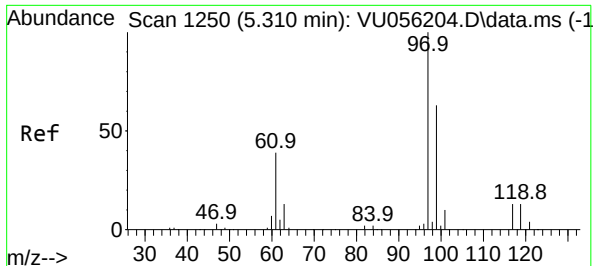
Tgt Ion: 96 Resp: 4187
 Ion Ratio Lower Upper
 96 100
 61 120.6 87.8 163.2
 98 64.8 43.5 80.7



#27
 1,2-Dichloroethane
 Concen: 0.183 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. 0.003 min
 Lab File: VU056214.D
 Acq: 11 Nov 2023 14:02

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# 11

Delta R.T. 0.003 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

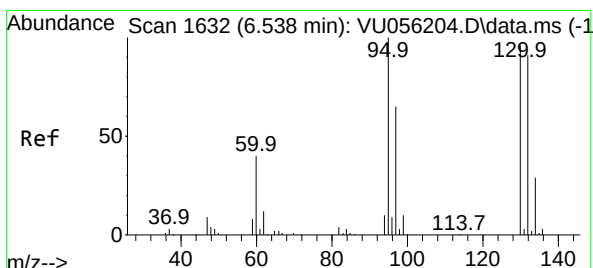
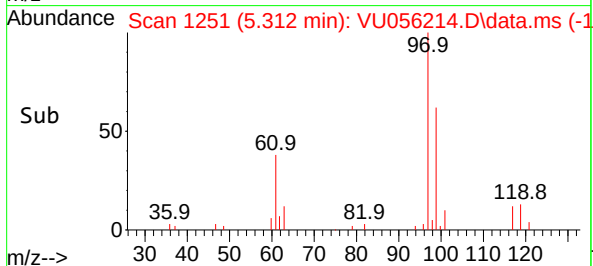
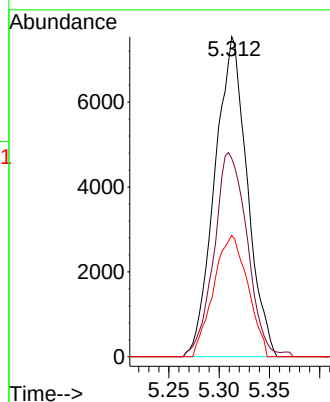
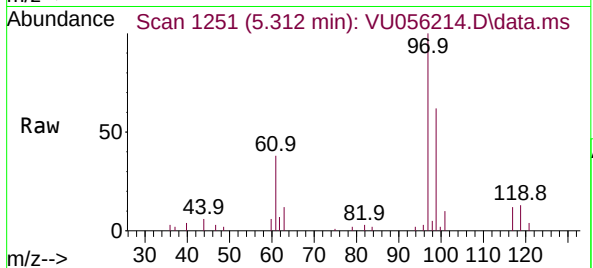
Tgt Ion: 97 Resp: 16925

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# 1632

Delta R.T. -0.000 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Tgt Ion: 95 Resp: 100985

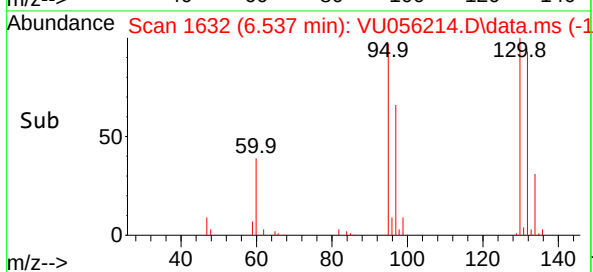
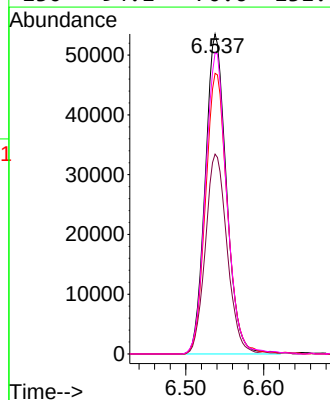
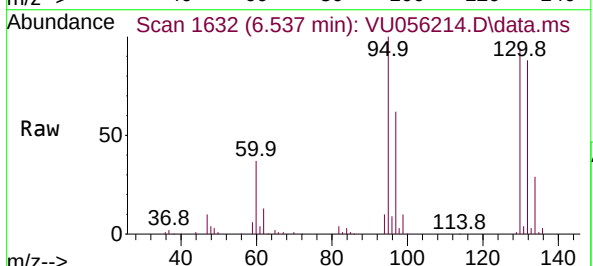
Ion Ratio Lower Upper

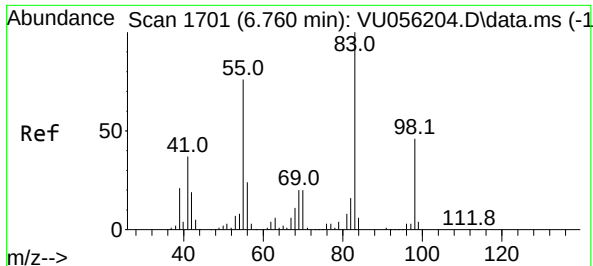
95 100

97 62.5 46.8 87.0

132 87.7 66.5 123.5

130 94.1 70.6 131.0





#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

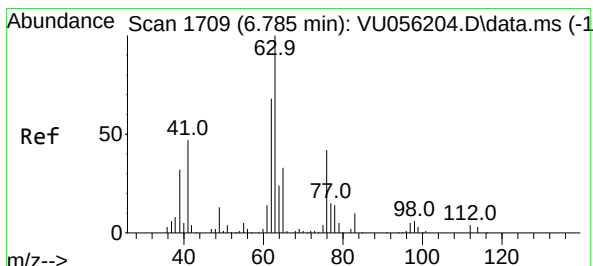
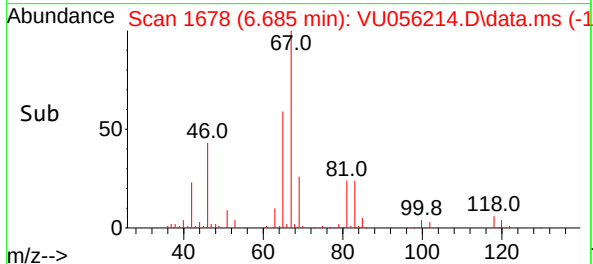
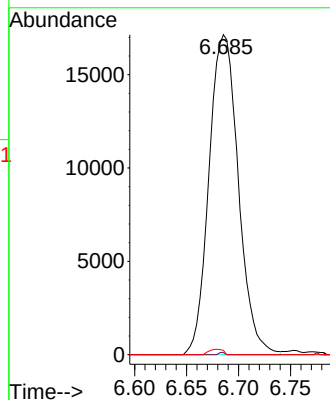
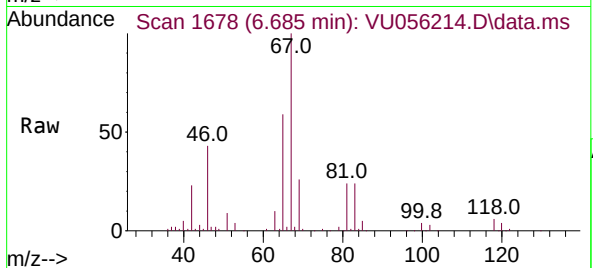
Tgt Ion: 83 Resp: 33693

Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.8 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.097 min

Lab File: VU056214.D

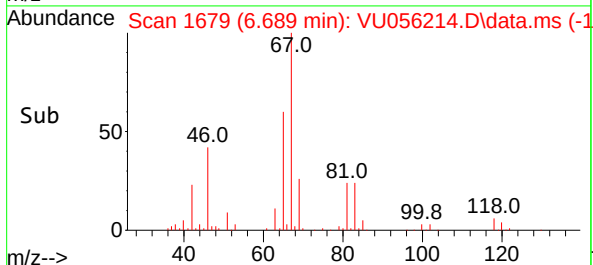
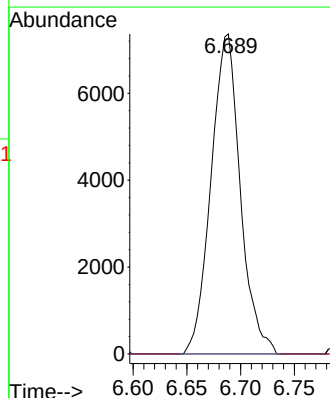
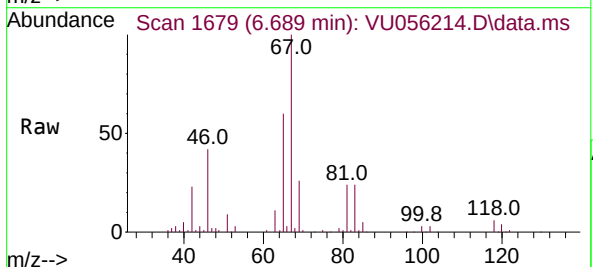
Acq: 11 Nov 2023 14:02

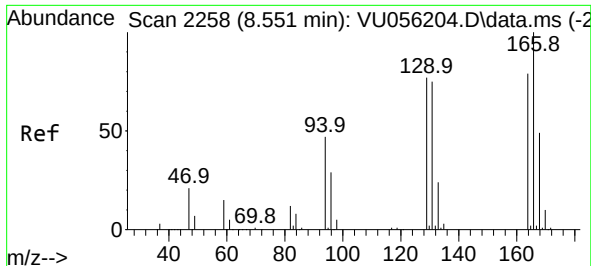
Tgt Ion: 63 Resp: 13940

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#





#47

Tetrachloroethene

Concen: 2.157 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

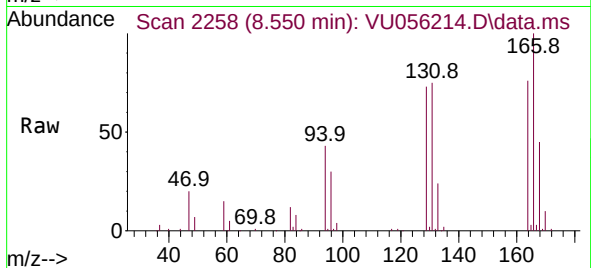
Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 44385

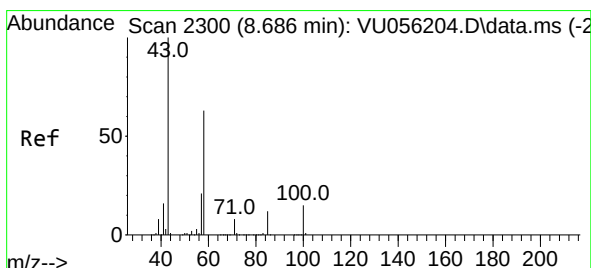
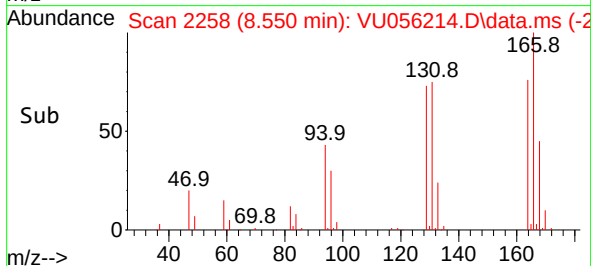
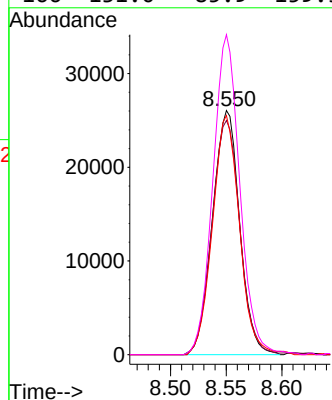
Ion Ratio Lower Upper

164 100

129 95.9 66.6 123.8

131 98.0 67.8 126.0

166 131.0 85.9 159.5



#48

2-Hexanone

Concen: 1.165 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU056214.D

Acq: 11 Nov 2023 14:02

Tgt Ion: 43 Resp: 9686

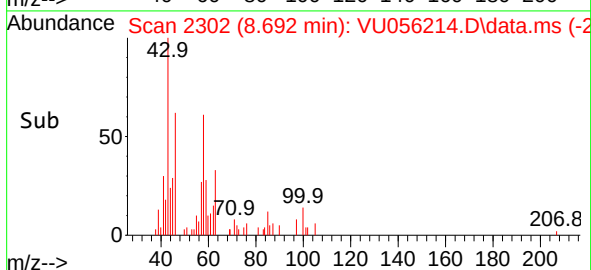
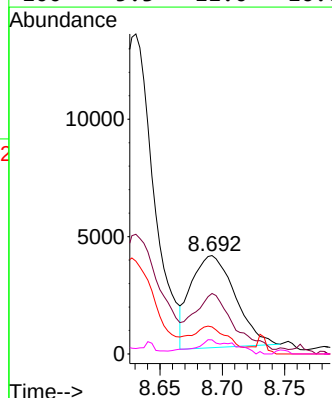
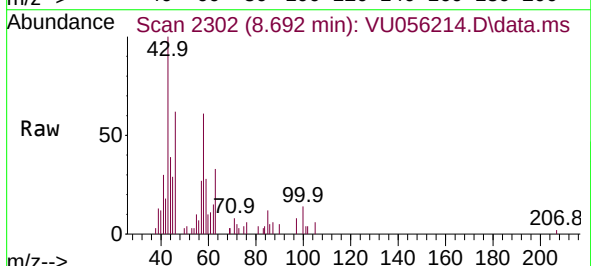
Ion Ratio Lower Upper

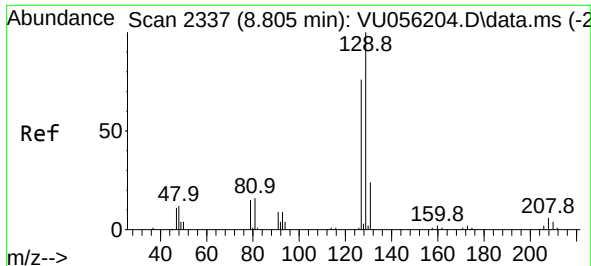
43 100

58 60.5 52.0 78.0

57 20.9 17.4 26.2

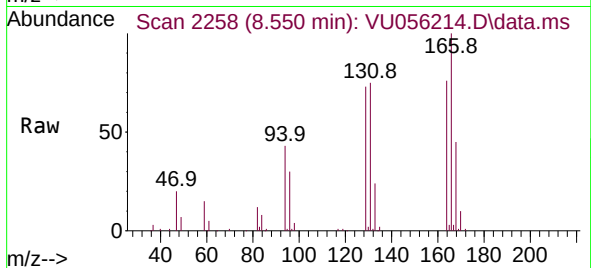
100 5.3 11.0 16.6#



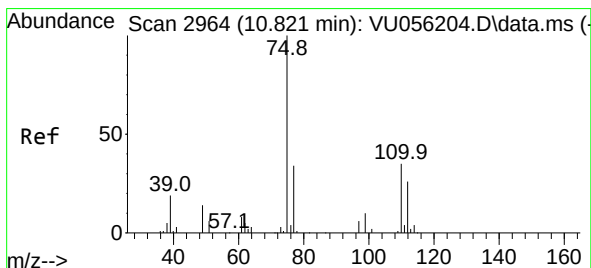
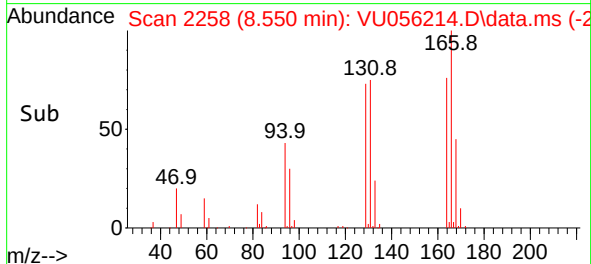
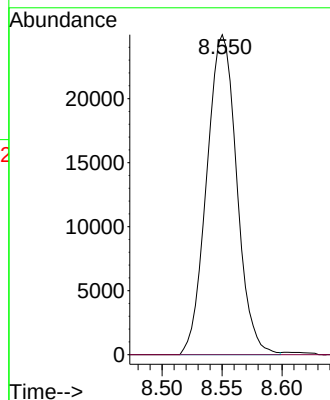


#49
Dibromochloromethane
Concen: 2.127 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 43564
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.323 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056214.D
Acq: 11 Nov 2023 14:02

Tgt Ion: 75 Resp: 18068
Ion Ratio Lower Upper
75 100
110 3.0 29.7 44.5#
77 33.0 25.5 38.3

