

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055062.D
 Acq On : 02 Sep 2023 00:21
 Operator : MD/SY
 Sample : 04230-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B0

Quant Time: Sep 02 01:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

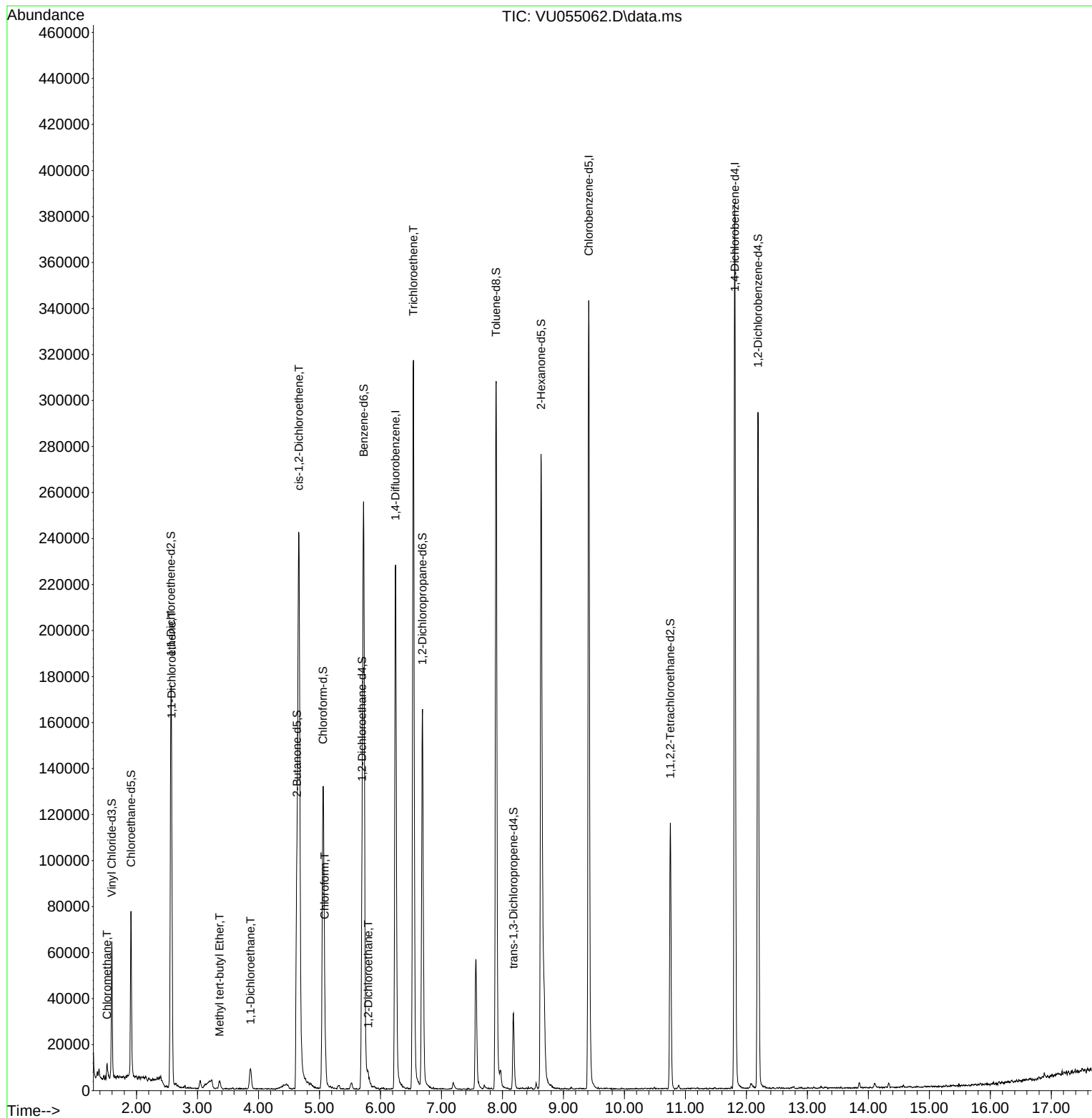
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186328	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	186951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41302	4.730	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.911	69	49627	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.563	65	25113	5.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.631	46	148084	58.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.860%
24) Chloroform-d	5.058	84	118672	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.698	65	63146	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.724	84	238805	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.689	67	77769	5.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.898	98	211474	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.181	79	19549	4.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.634	63	88702	54.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56206	5.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	76555	5.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4769	0.433	ug/L	99
12) 1,1-Dichloroethene	2.576	96	24933	2.894	ug/L #	58
17) Methyl tert-butyl Ether	3.361	73	3234	0.143	ug/L #	81
19) 1,1-Dichloroethane	3.869	63	10918	0.578	ug/L #	95
22) cis-1,2-Dichloroethene	4.663	96	112874	10.550	ug/L	96
25) Chloroform	5.084	83	17323	0.881	ug/L	100
27) 1,2-Dichloroethane	5.801	62	3250	0.271	ug/L #	81
34) Trichloroethene	6.541	95	107396	9.712	ug/L	97

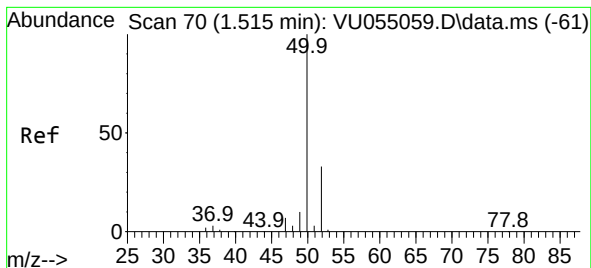
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.433 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055062.D

Acq: 02 Sep 2023 00:21

Instrument :

MSVOA_U

ClientSampleId :

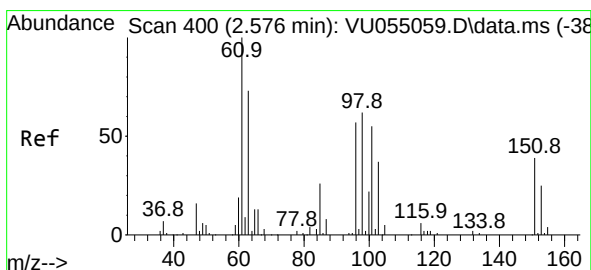
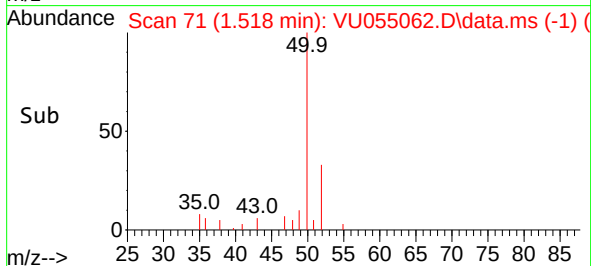
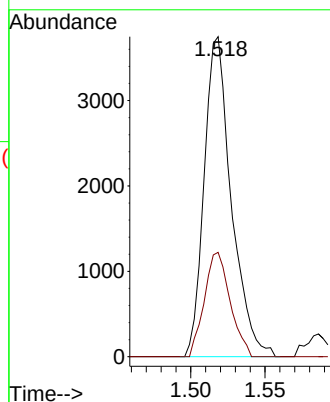
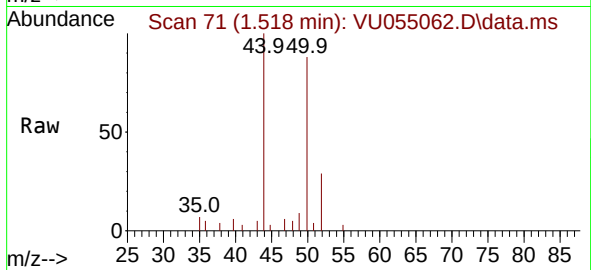
BH4B0

Tgt Ion: 50 Resp: 4769

Ion Ratio Lower Upper

50 100

52 32.6 22.5 41.7



#12

1,1-Dichloroethene

Concen: 2.894 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055062.D

Acq: 02 Sep 2023 00:21

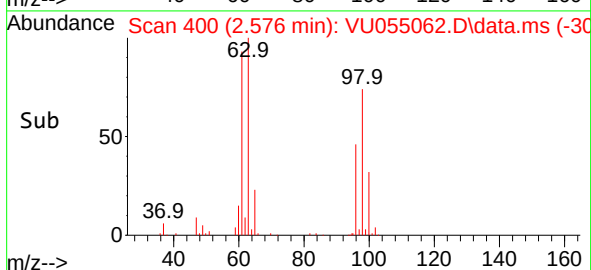
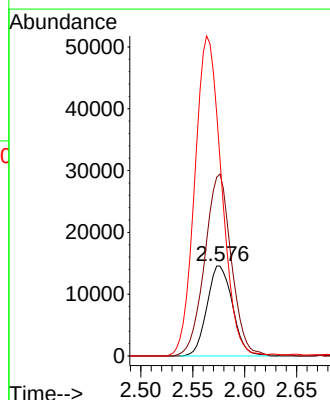
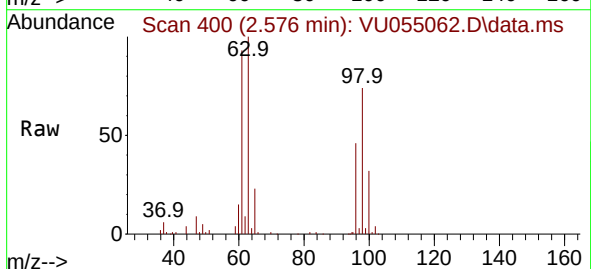
Tgt Ion: 96 Resp: 24933

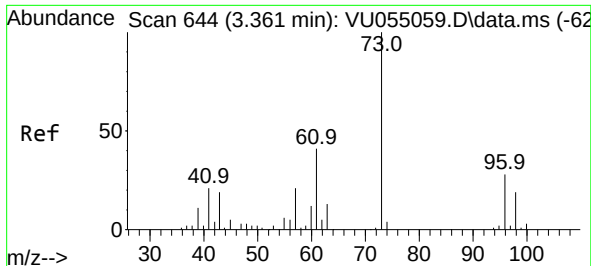
Ion Ratio Lower Upper

96 100

61 202.2 120.8 224.4

63 217.8 94.5 175.5#





#17

Methyl tert-butyl Ether

Concen: 0.143 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU055062.D

Acq: 02 Sep 2023 00:21

Instrument :

MSVOA_U

ClientSampleId :

BH4B0

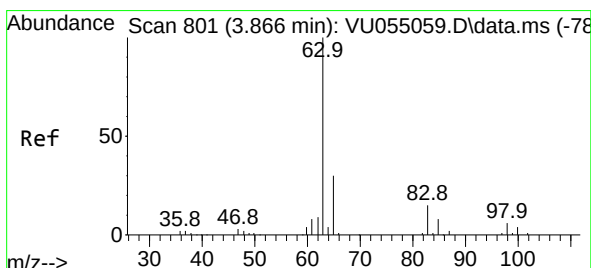
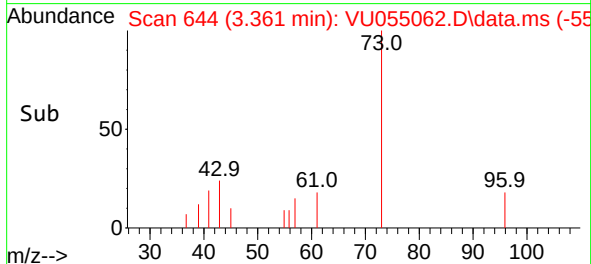
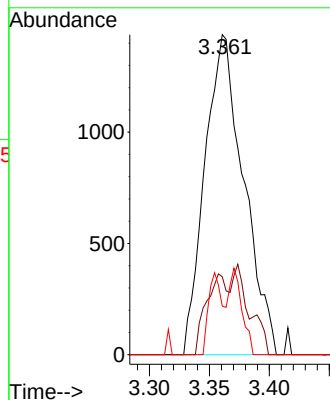
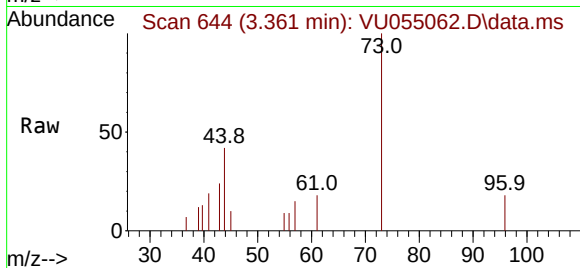
Tgt Ion: 73 Resp: 3234

Ion Ratio Lower Upper

73 100

43 14.6 16.2 24.2#

57 9.5 17.4 26.2#



#19

1,1-Dichloroethane

Concen: 0.578 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.003 min

Lab File: VU055062.D

Acq: 02 Sep 2023 00:21

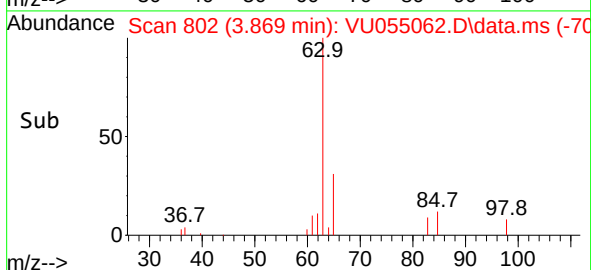
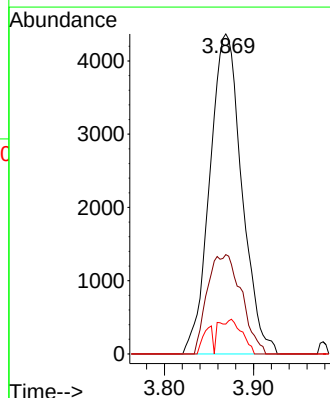
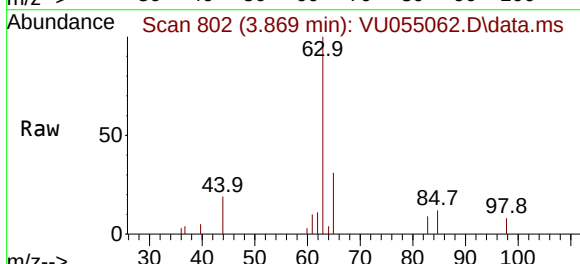
Tgt Ion: 63 Resp: 10918

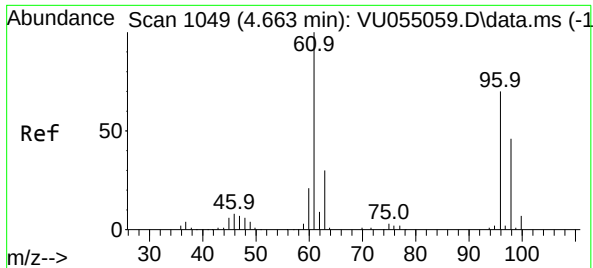
Ion Ratio Lower Upper

63 100

65 31.1 22.2 41.2

83 9.4 10.6 19.8#

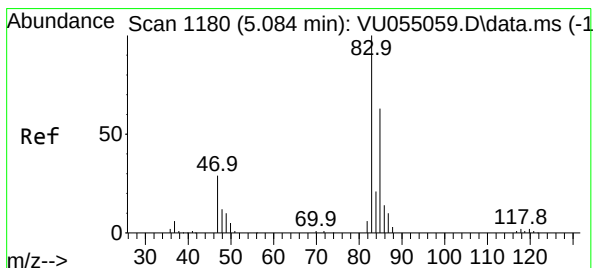
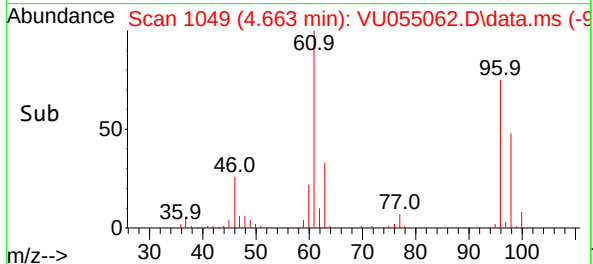
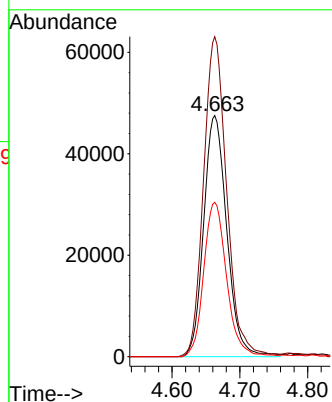
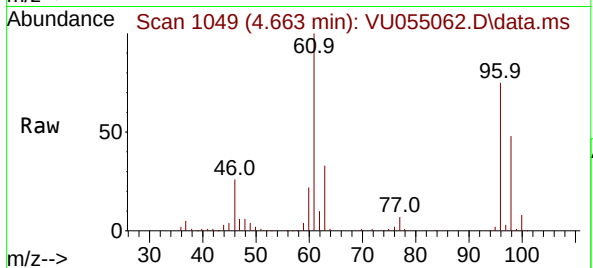




#22
 cis-1,2-Dichloroethene
 Concen: 10.550 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055062.D
 Acq: 02 Sep 2023 00:21

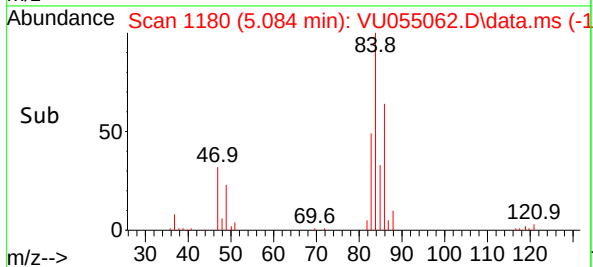
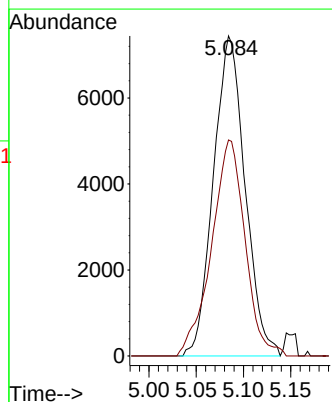
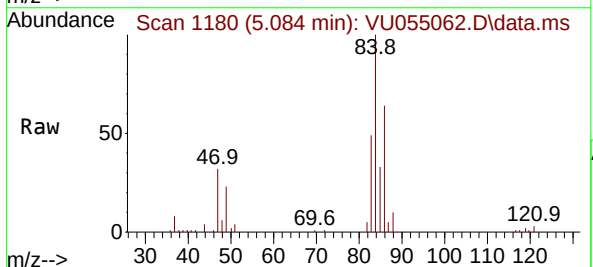
Instrument :
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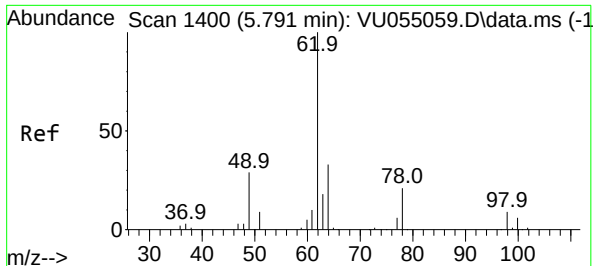
Tgt Ion: 96 Resp: 112874
 Ion Ratio Lower Upper
 96 100
 61 132.7 97.2 180.4
 98 64.0 46.1 85.7



#25
 Chloroform
 Concen: 0.881 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VU055062.D
 Acq: 02 Sep 2023 00:21

Tgt Ion: 83 Resp: 17323
 Ion Ratio Lower Upper
 83 100
 85 67.5 47.2 87.6

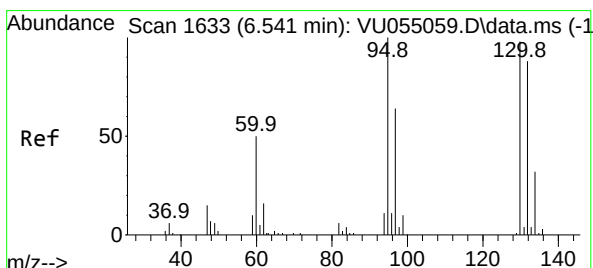
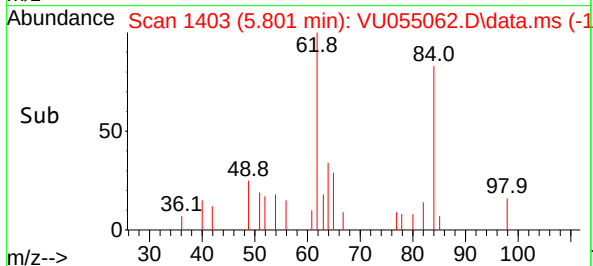
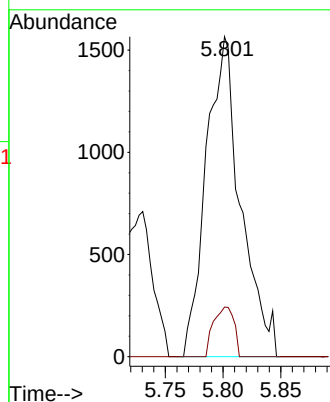
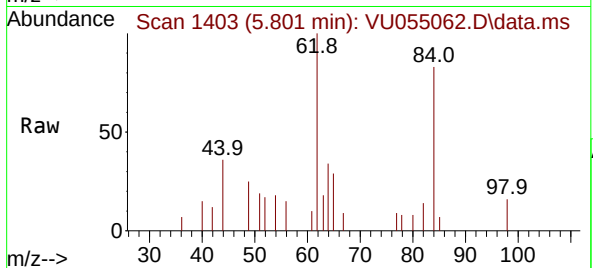




#27
1,2-Dichloroethane
Concen: 0.271 ug/L
RT: 5.801 min Scan# 1403
Delta R.T. 0.010 min
Lab File: VU055062.D
Acq: 02 Sep 2023 00:21

Instrument :
MSVOA_U
ClientSampleId :
BH4B0

Tgt Ion: 62 Resp: 3250
Ion Ratio Lower Upper
62 100
98 15.5 6.9 10.3#



#34
Trichloroethene
Concen: 9.712 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055062.D
Acq: 02 Sep 2023 00:21

Tgt Ion: 95 Resp: 107396
Ion Ratio Lower Upper
95 100
97 62.6 44.7 83.1
132 88.4 66.6 123.6
130 93.8 66.5 123.5

