

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055126.D
 Acq On : 06 Sep 2023 04:38
 Operator : MD/SY
 Sample : 04267-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D3

Quant Time: Sep 06 05:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

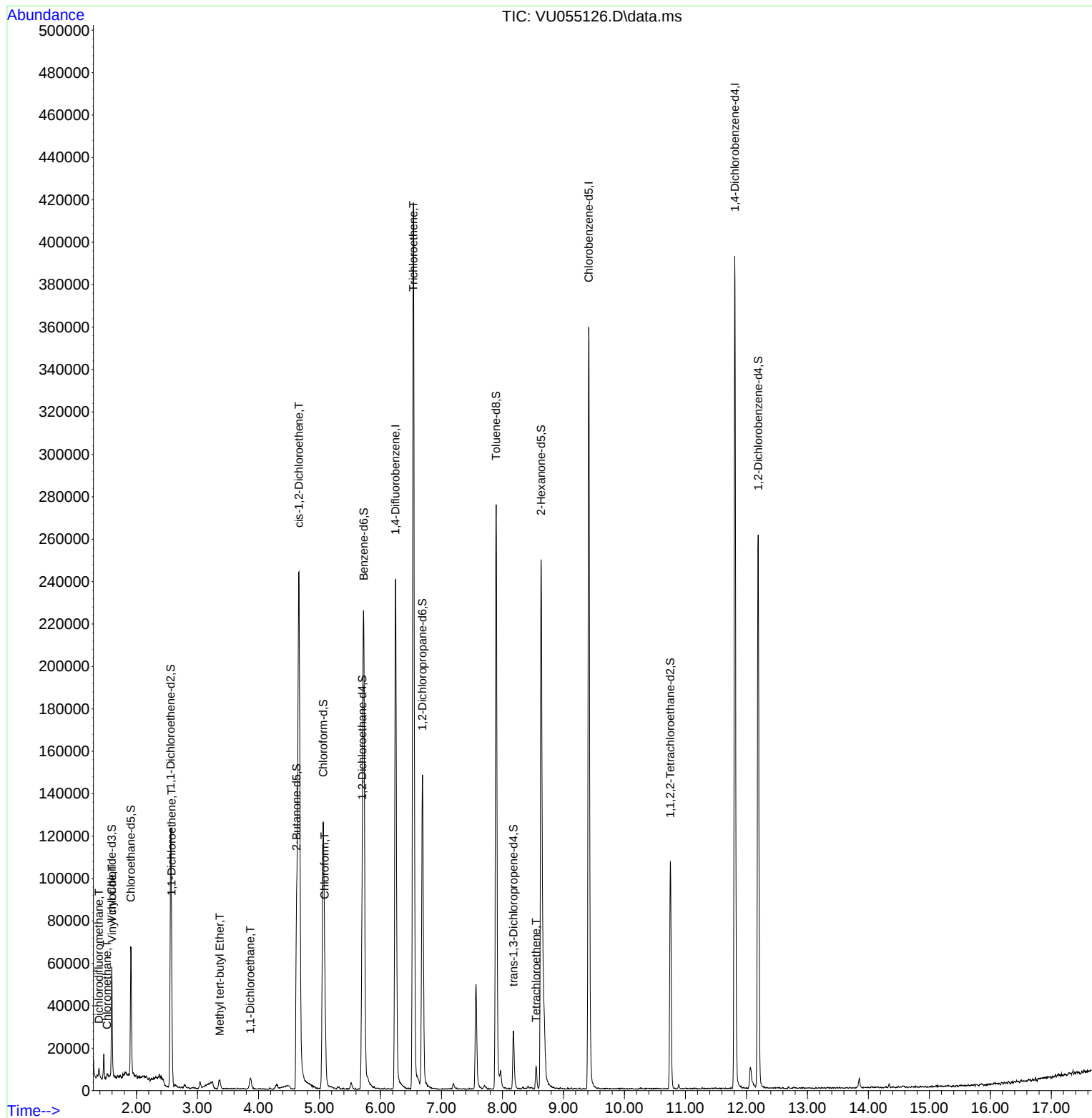
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33713	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.907	69	42807	4.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	21435	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.624	46	134519	52.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.062	84	106676	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.701	65	56493	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.727	84	212920	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	70501	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.898	98	184295	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.180	79	16416	3.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.634	63	81927	47.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51904	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	67735	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1609	0.147	ug/L #	80
3) Chloromethane	1.515	50	2383	0.214	ug/L	100
5) Vinyl chloride	1.599	62	1340	0.114	ug/L #	33
12) 1,1-Dichloroethene	2.576	96	7168	0.822	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4070	0.178	ug/L #	87
19) 1,1-Dichloroethane	3.866	63	6322	0.331	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	113775	10.509	ug/L	99
25) Chloroform	5.084	83	31720	1.593	ug/L	98
34) Trichloroethene	6.541	95	140905	12.104	ug/L	98
47) Tetrachloroethene	8.553	164	2000	0.249	ug/L	88

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

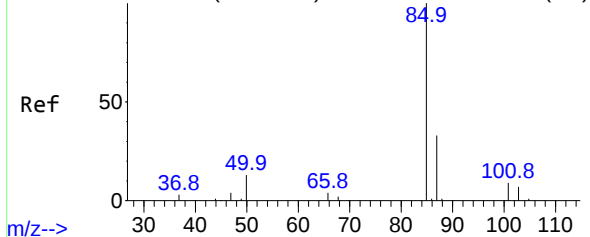
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055126.D
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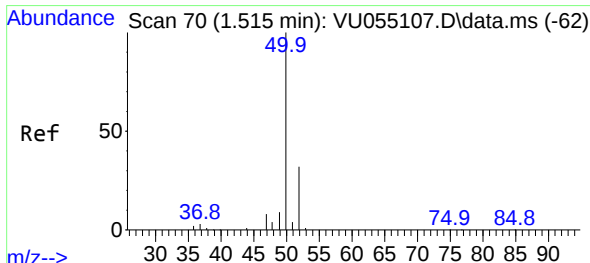
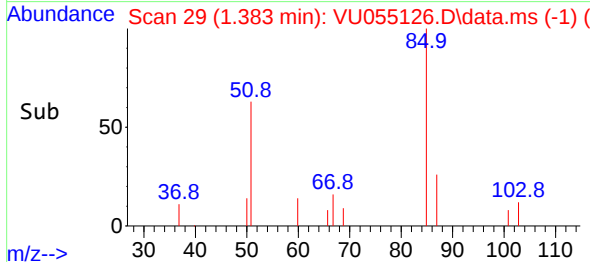
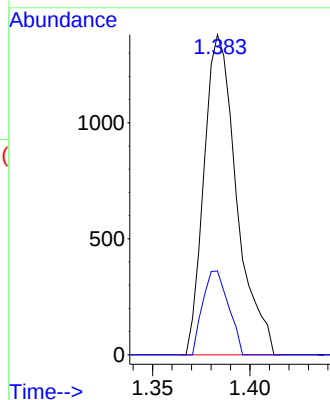
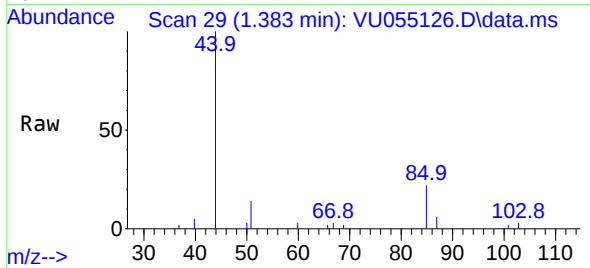
Abundance Scan 29 (1.383 min): VU055107.D\data.ms (-21)



#2
Dichlorodifluoromethane
Concen: 0.147 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

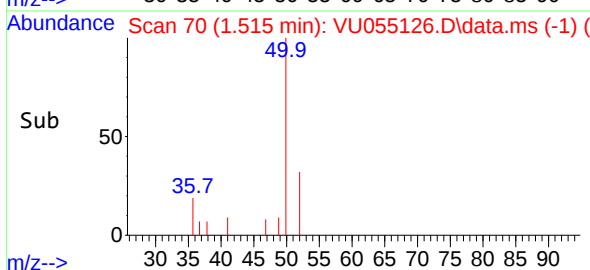
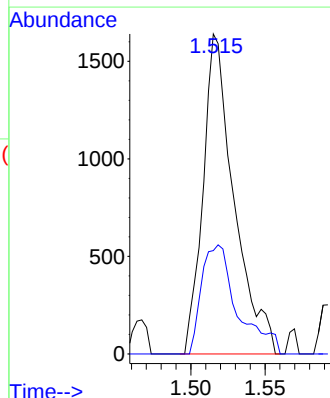
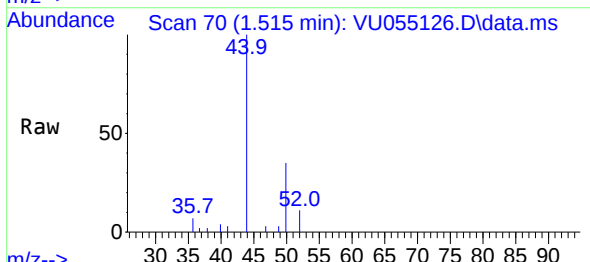
Instrument :
MSVOA_U
ClientSampleId :
BH4D3

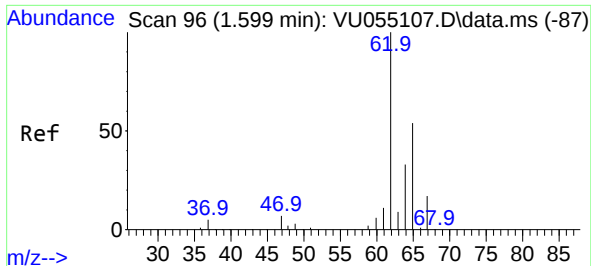
Tgt Ion: 85 Resp: 1609
Ion Ratio Lower Upper
85 100
87 20.6 25.1 37.7#



#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 50 Resp: 2383
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.7

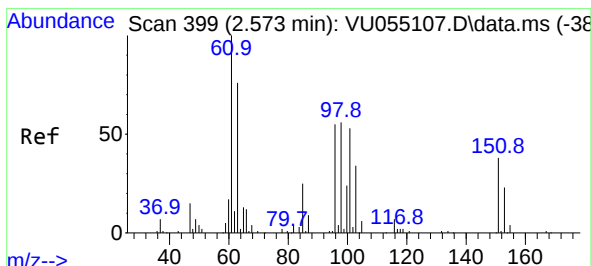
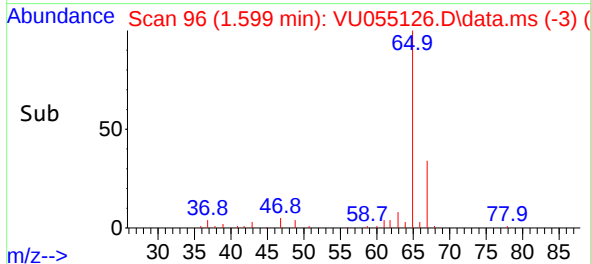
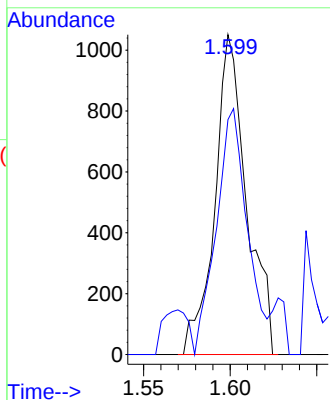
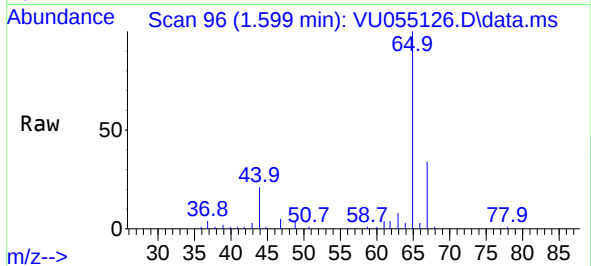




#5
 Vinyl chloride
 Concen: 0.114 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055126.D
 Acq: 06 Sep 2023 04:38

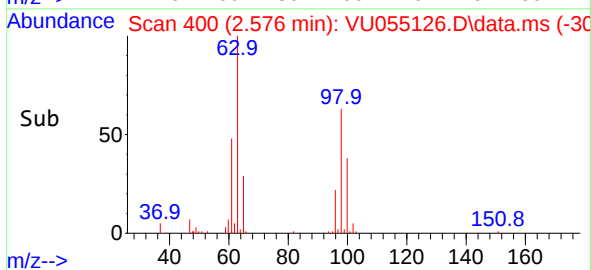
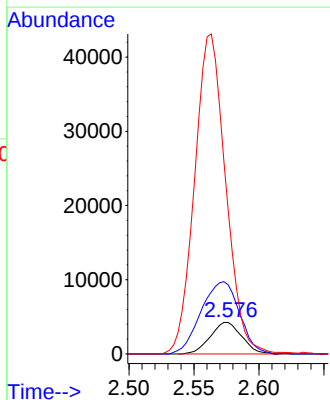
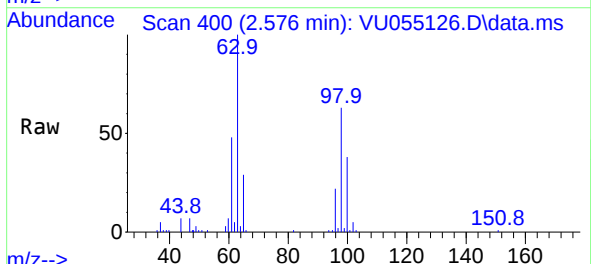
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D3

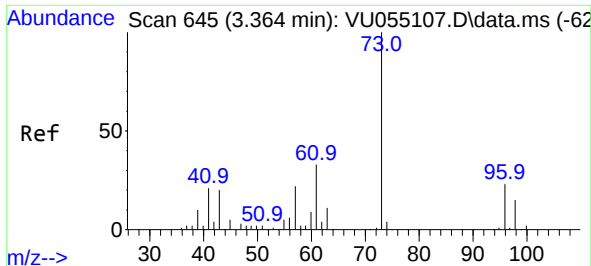
Tgt Ion: 62 Resp: 1340
 Ion Ratio Lower Upper
 62 100
 64 73.5 24.2 45.0#



#12
 1,1-Dichloroethene
 Concen: 0.822 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU055126.D
 Acq: 06 Sep 2023 04:38

Tgt Ion: 96 Resp: 7168
 Ion Ratio Lower Upper
 96 100
 61 219.3 120.8 224.4
 63 457.2 94.5 175.5#

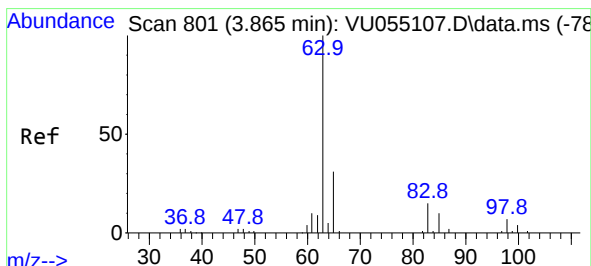
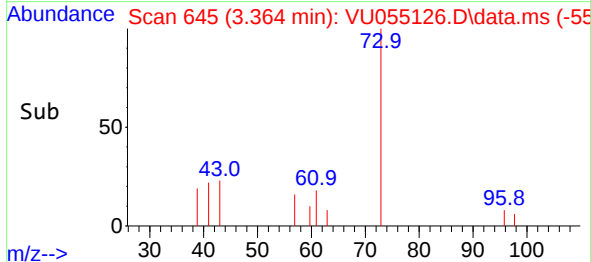
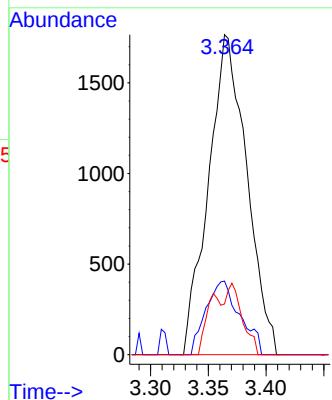
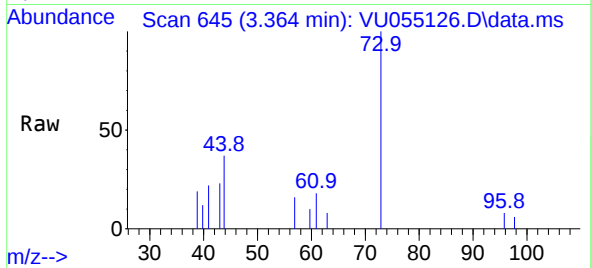




#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

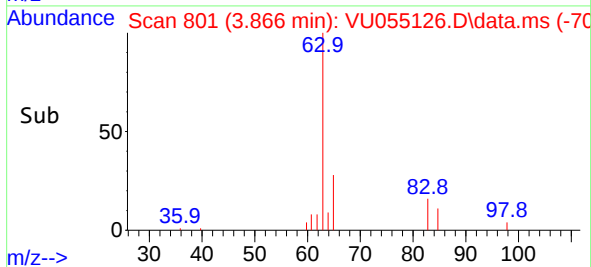
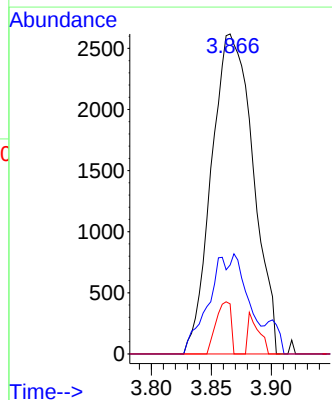
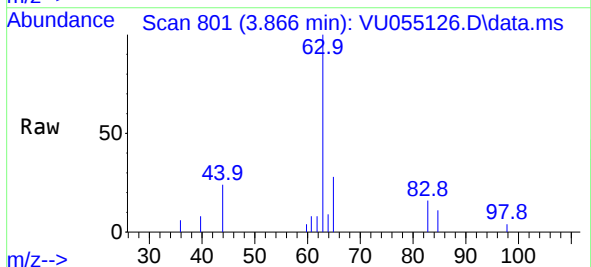
Instrument :
MSVOA_U
ClientSampleId :
BH4D3

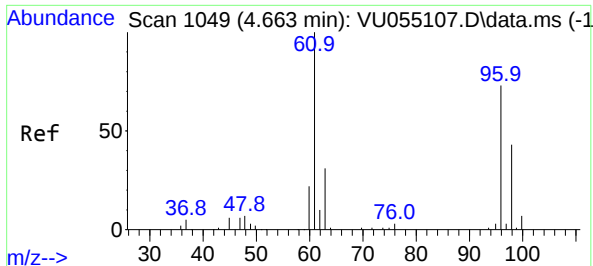
Tgt Ion: 73 Resp: 4070
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.2
57 10.2 17.4 26.2#



#19
1,1-Dichloroethane
Concen: 0.331 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 63 Resp: 6322
Ion Ratio Lower Upper
63 100
65 27.8 22.2 41.2
83 15.7 10.6 19.8

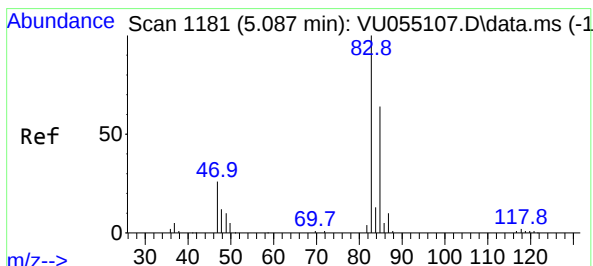
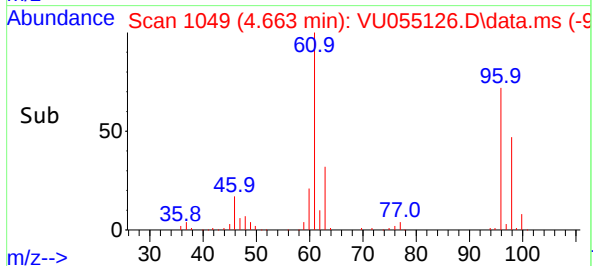
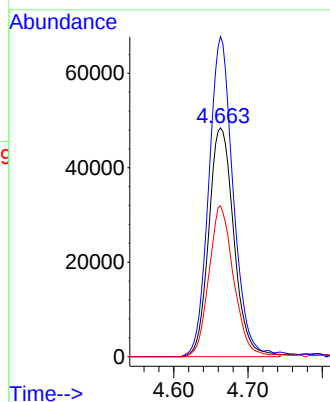
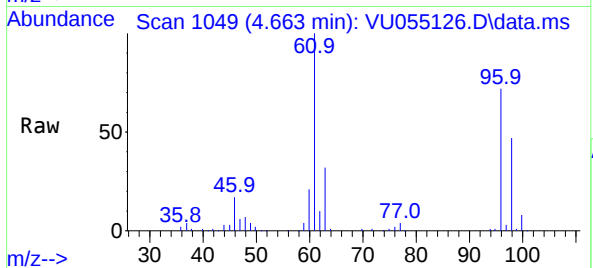




#22
cis-1,2-Dichloroethene
Concen: 10.509 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

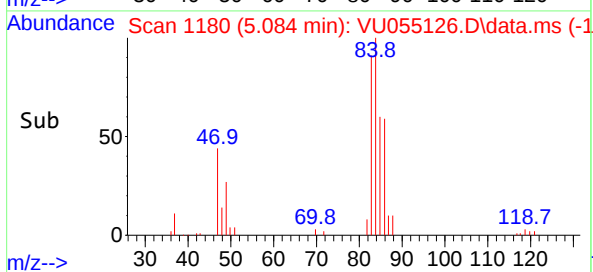
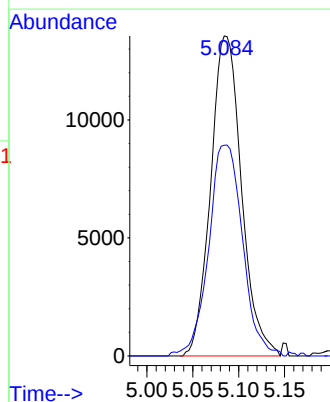
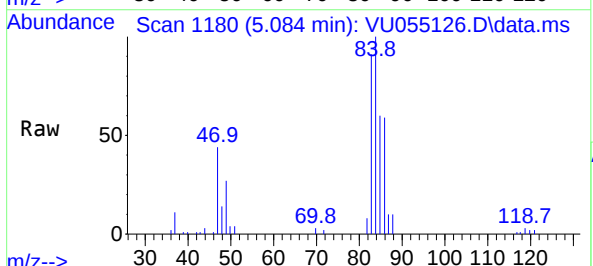
Instrument :
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ClientSampleId :
BH4D3

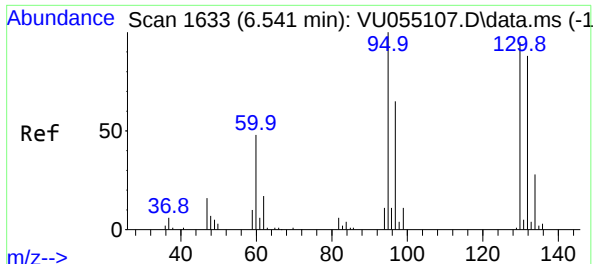
Tgt Ion: 96 Resp: 113775
Ion Ratio Lower Upper
96 100
61 139.9 97.2 180.4
98 65.9 46.1 85.7



#25
Chloroform
Concen: 1.593 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055126.D
Acq: 06 Sep 2023 04:38

Tgt Ion: 83 Resp: 31720
Ion Ratio Lower Upper
83 100
85 65.8 47.2 87.6





#34

Trichloroethene

Concen: 12.104 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055126.D

Acq: 06 Sep 2023 04:38

Instrument :

MSVOA_U

ClientSampleId :

BH4D3

Tgt Ion: 95 Resp: 140905

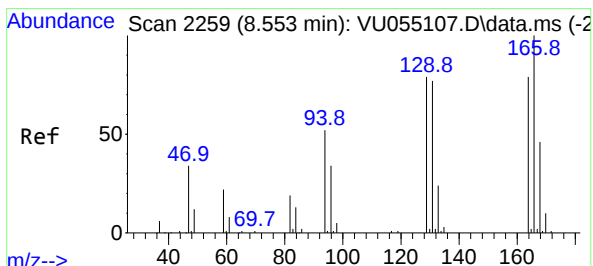
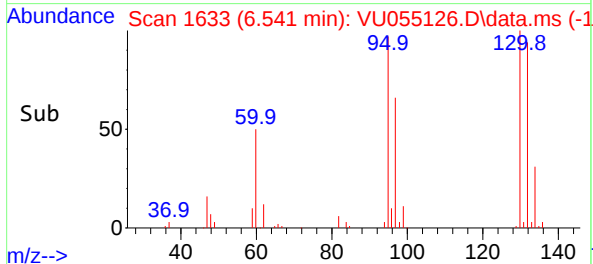
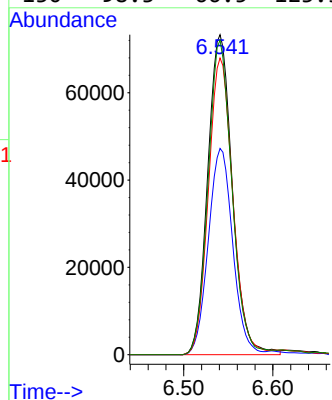
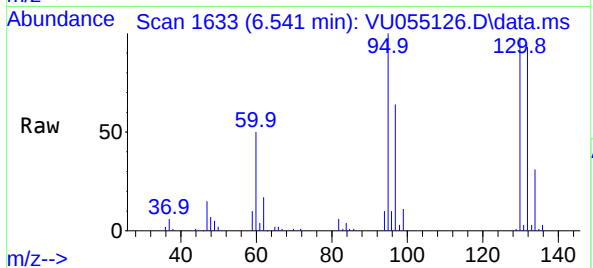
Ion Ratio Lower Upper

95 100

97 64.5 44.7 83.1

132 92.7 66.6 123.6

130 98.3 66.5 123.5



#47

Tetrachloroethene

Concen: 0.249 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU055126.D

Acq: 06 Sep 2023 04:38

Tgt Ion:164 Resp: 2000

Ion Ratio Lower Upper

164 100

129 90.0 69.2 128.6

131 83.7 68.8 127.8

166 118.6 92.3 171.5

