

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055124.D
 Acq On : 06 Sep 2023 03:50
 Operator : MD/SY
 Sample : 04267-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D0

Quant Time: Sep 06 05:28:03 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)

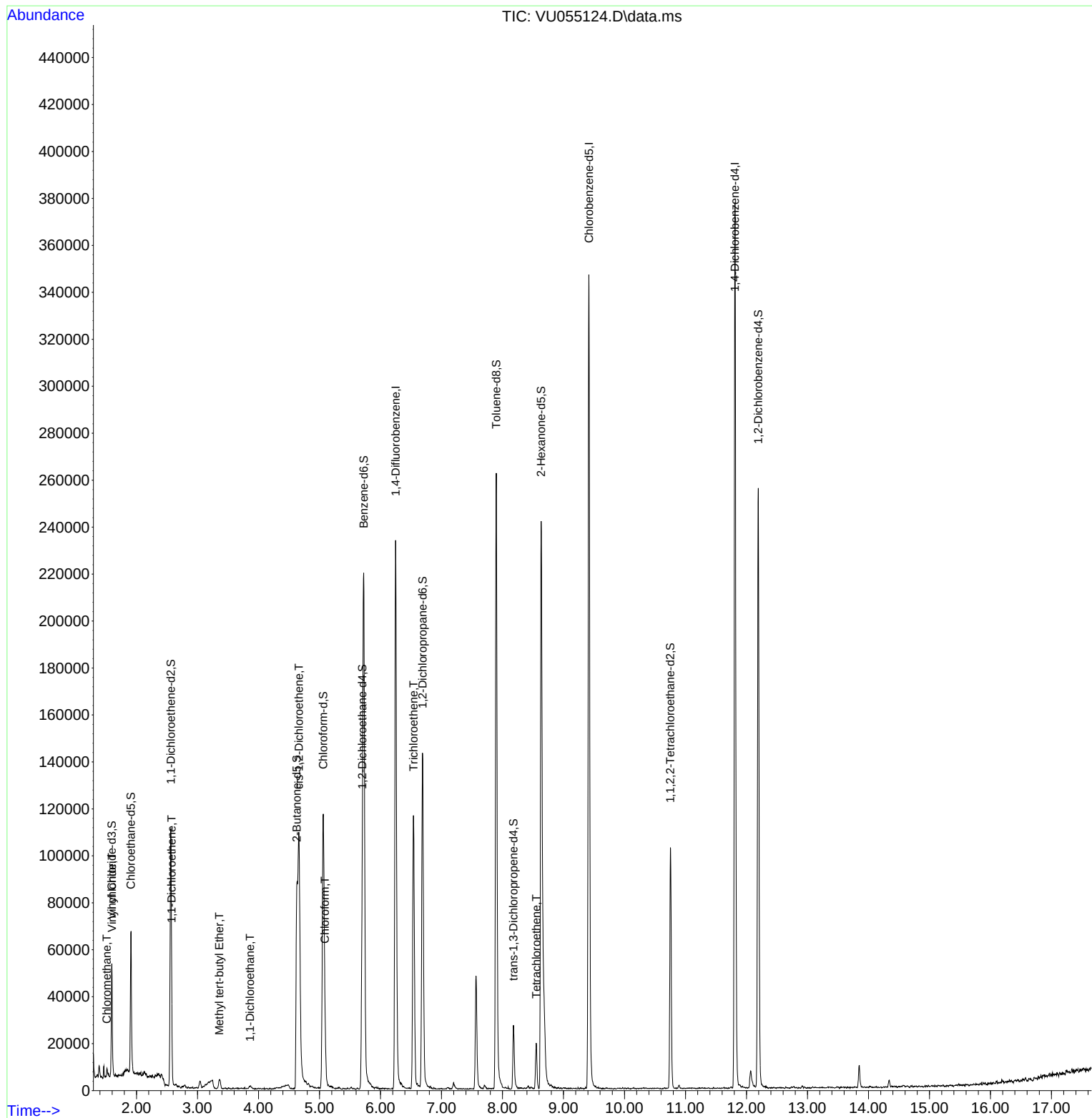
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	188151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	96190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31996	3.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	40483	3.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	20494	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.627	46	130741	51.521	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.040%
24) Chloroform-d	5.062	84	105115	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.701	65	54312	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.724	84	200961	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.689	67	67984	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.897	98	174315	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.180	79	16499	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.634	63	77241	46.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	50404	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	64045	4.562	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2814	0.255	ug/L #	80
5) Vinyl chloride	1.599	62	1577	0.135	ug/L #	40
12) 1,1-Dichloroethene	2.576	96	1697	0.197	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	3522	0.156	ug/L	97
19) 1,1-Dichloroethane	3.862	63	2019	0.107	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	44510	4.155	ug/L	95
25) Chloroform	5.087	83	16249	0.825	ug/L	96
34) Trichloroethene	6.541	95	39544	3.553	ug/L	98
47) Tetrachloroethene	8.553	164	3731	0.485	ug/L	84

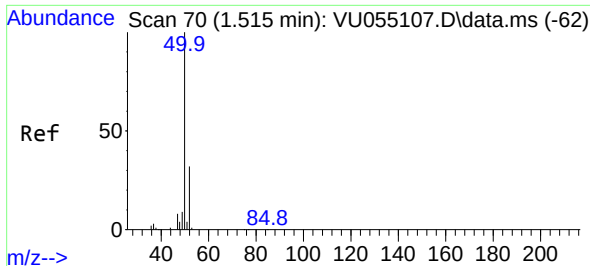
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055124.D
Acq On : 06 Sep 2023 03:50
Operator : MD/SY
Sample : 04267-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4D0

Quant Time: Sep 06 05:28:03 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

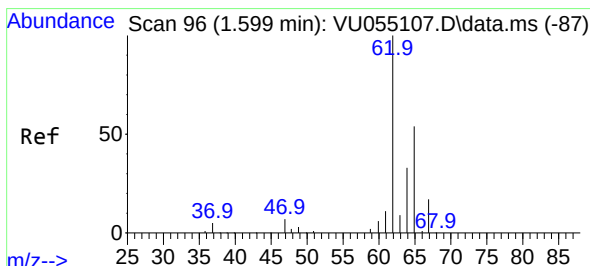
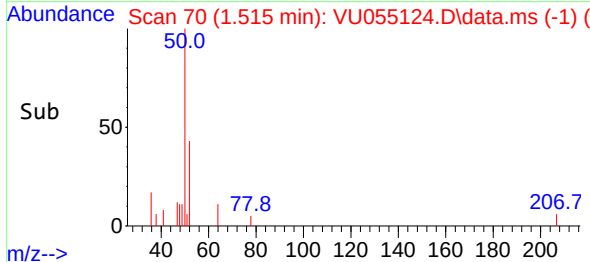
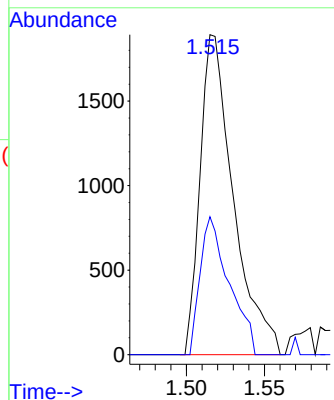
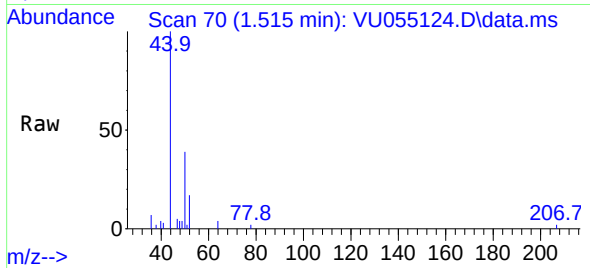




#3
Chloromethane
Concen: 0.255 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055124.D
Acq: 06 Sep 2023 03:50

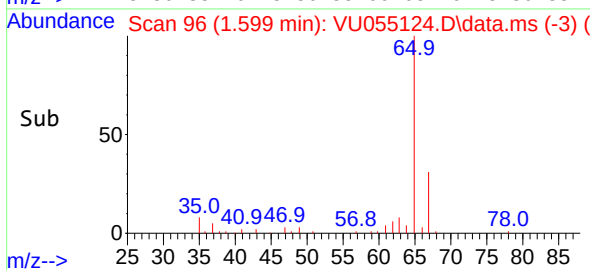
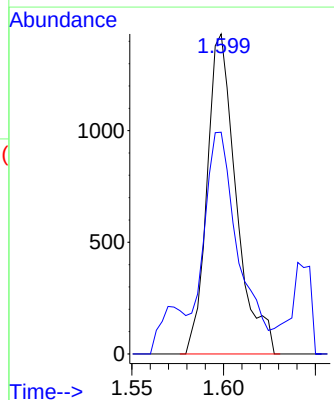
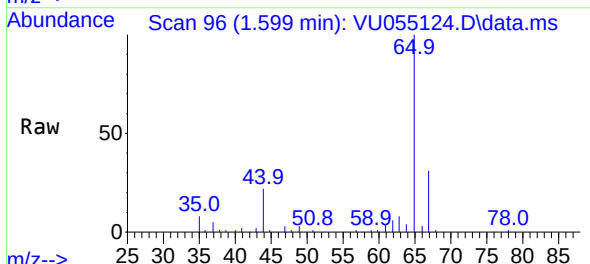
Instrument :
MSVOA_U
ClientSampleId :
BH4D0

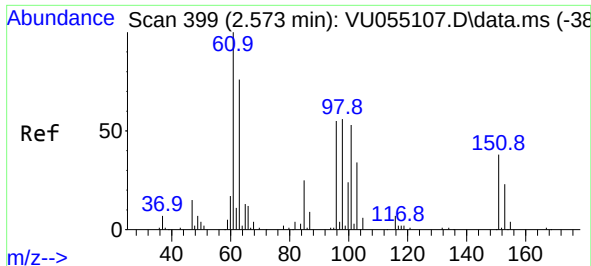
Tgt Ion: 50 Resp: 2814
Ion Ratio Lower Upper
50 100
52 43.1 22.5 41.7#



#5
Vinyl chloride
Concen: 0.135 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055124.D
Acq: 06 Sep 2023 03:50

Tgt Ion: 62 Resp: 1577
Ion Ratio Lower Upper
62 100
64 69.3 24.2 45.0#





#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU055124.D

Acq: 06 Sep 2023 03:50

Instrument :

MSVOA_U

ClientSampleId :

BH4D0

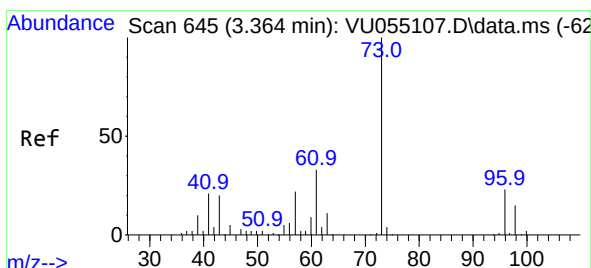
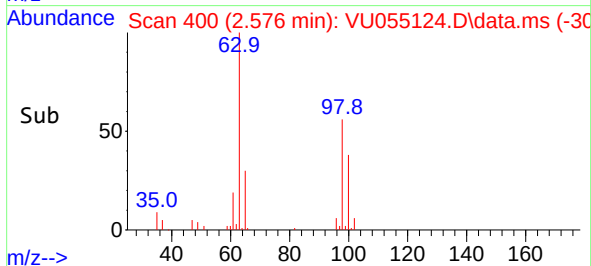
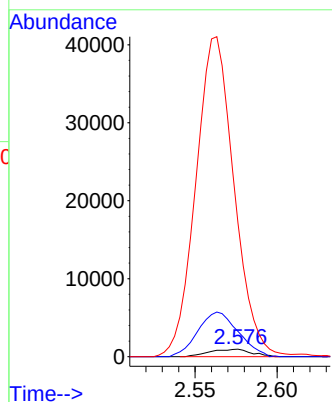
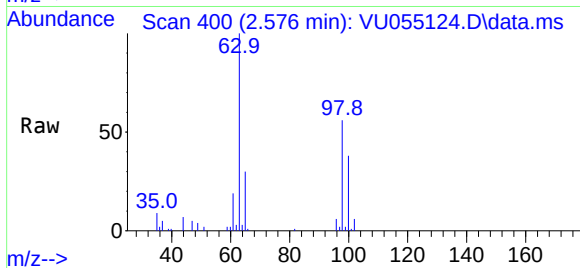
Tgt Ion: 96 Resp: 1697

Ion Ratio Lower Upper

96 100

61 338.0 120.8 224.4#

63 1792.3 94.5 175.5#



#17

Methyl tert-butyl Ether

Concen: 0.156 ug/L

RT: 3.357 min Scan# 643

Delta R.T. -0.006 min

Lab File: VU055124.D

Acq: 06 Sep 2023 03:50

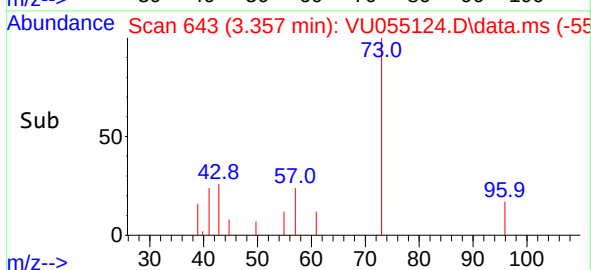
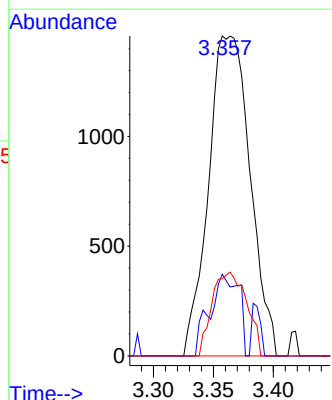
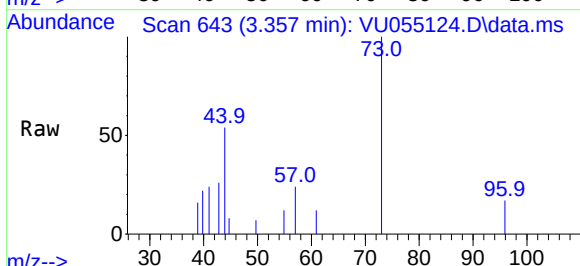
Tgt Ion: 73 Resp: 3522

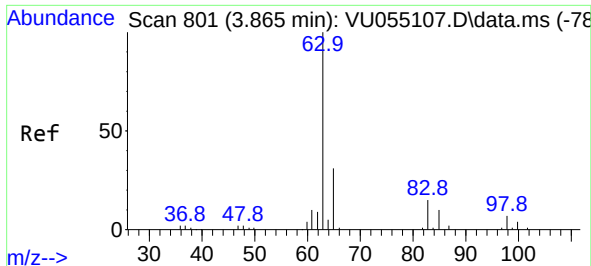
Ion Ratio Lower Upper

73 100

43 17.9 16.2 24.2

57 21.7 17.4 26.2

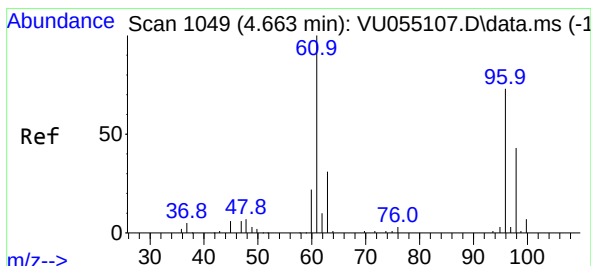
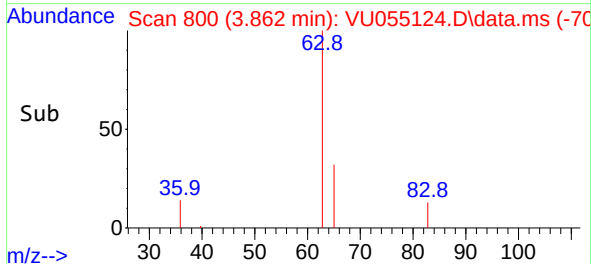
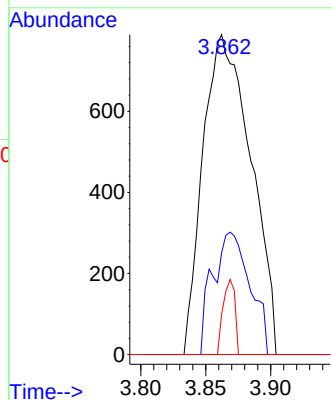
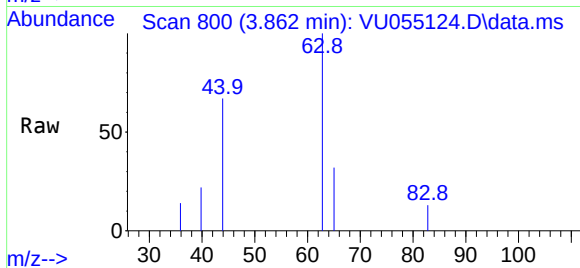




#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU055124.D
Acq: 06 Sep 2023 03:50

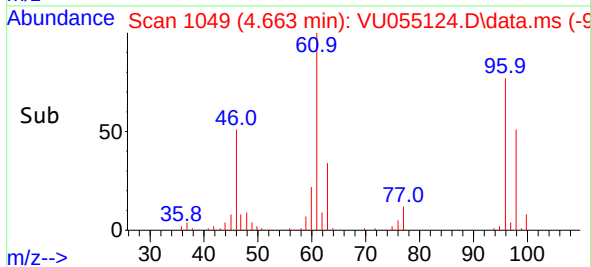
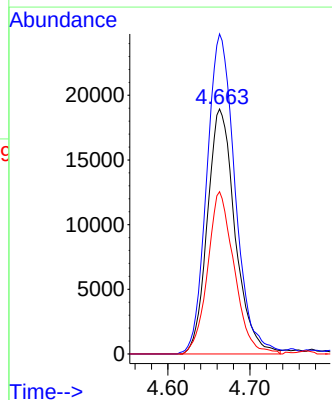
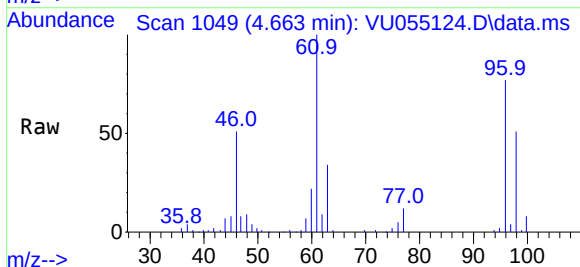
Instrument :
MSVOA_U
ClientSampleId :
BH4D0

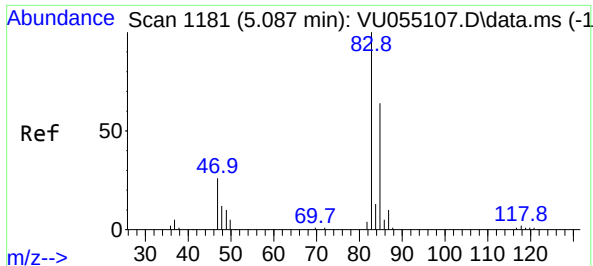
Tgt Ion: 63 Resp: 2019
Ion Ratio Lower Upper
63 100
65 31.8 22.2 41.2
83 12.7 10.6 19.8



#22
cis-1,2-Dichloroethene
Concen: 4.155 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055124.D
Acq: 06 Sep 2023 03:50

Tgt Ion: 96 Resp: 44510
Ion Ratio Lower Upper
96 100
61 130.6 97.2 180.4
98 66.2 46.1 85.7





#25

Chloroform

Concen: 0.825 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VU055124.D

Acq: 06 Sep 2023 03:50

Instrument :

MSVOA_U

ClientSampleId :

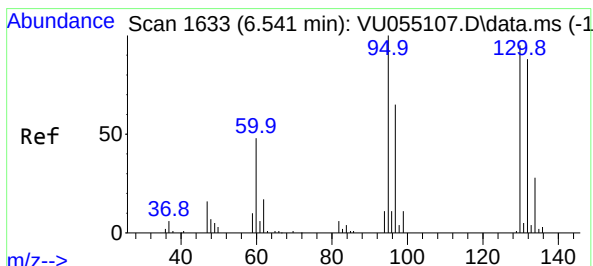
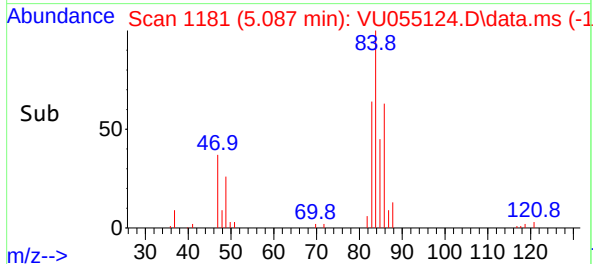
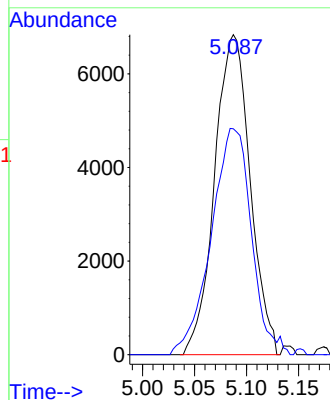
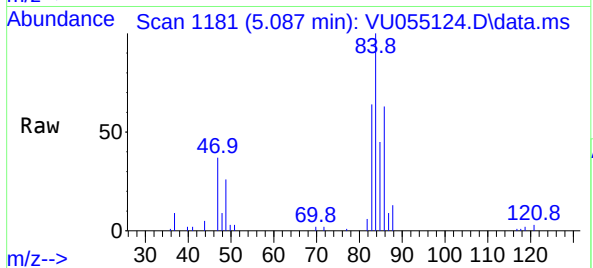
BH4D0

Tgt Ion: 83 Resp: 16249

Ion Ratio Lower Upper

83 100

85 70.6 47.2 87.6



#34

Trichloroethene

Concen: 3.553 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055124.D

Acq: 06 Sep 2023 03:50

Tgt Ion: 95 Resp: 39544

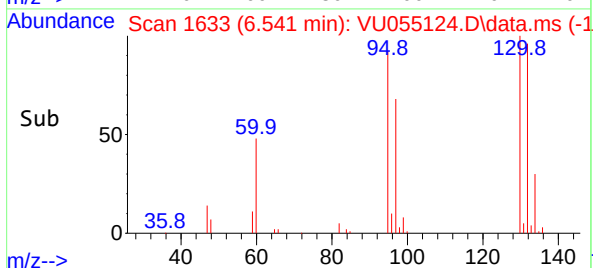
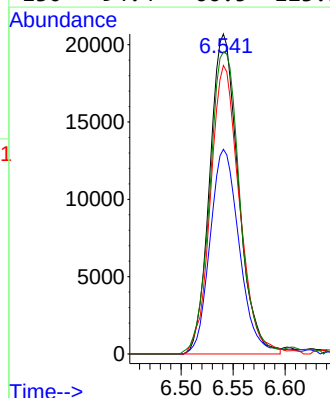
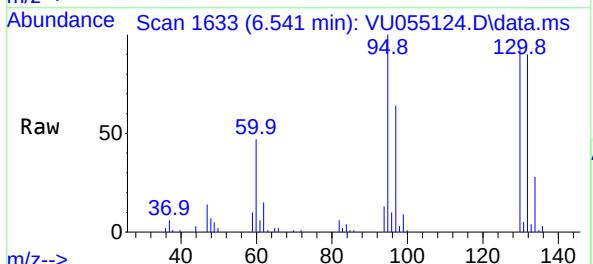
Ion Ratio Lower Upper

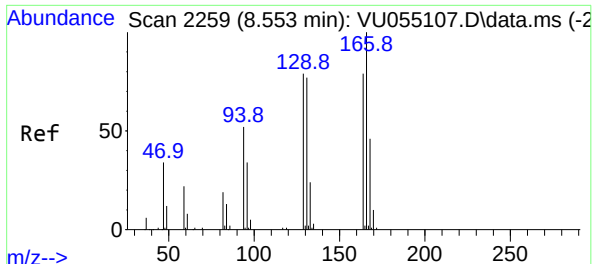
95 100

97 64.0 44.7 83.1

132 90.1 66.6 123.6

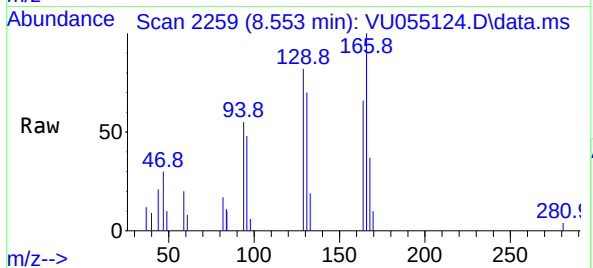
130 94.4 66.5 123.5





#47
Tetrachloroethene
Concen: 0.485 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055124.D
Acq: 06 Sep 2023 03:50

Instrument :
MSVOA_U
ClientSampleId :
BH4D0



Tgt Ion:164 Resp: 3731

Ion	Ratio	Lower	Upper
164	100		
129	123.6	69.2	128.6
131	105.5	68.8	127.8
166	150.6	92.3	171.5

