

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055052.D
 Acq On : 01 Sep 2023 20:02
 Operator : MD/SY
 Sample : 04230-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH495

Quant Time: Sep 01 23:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

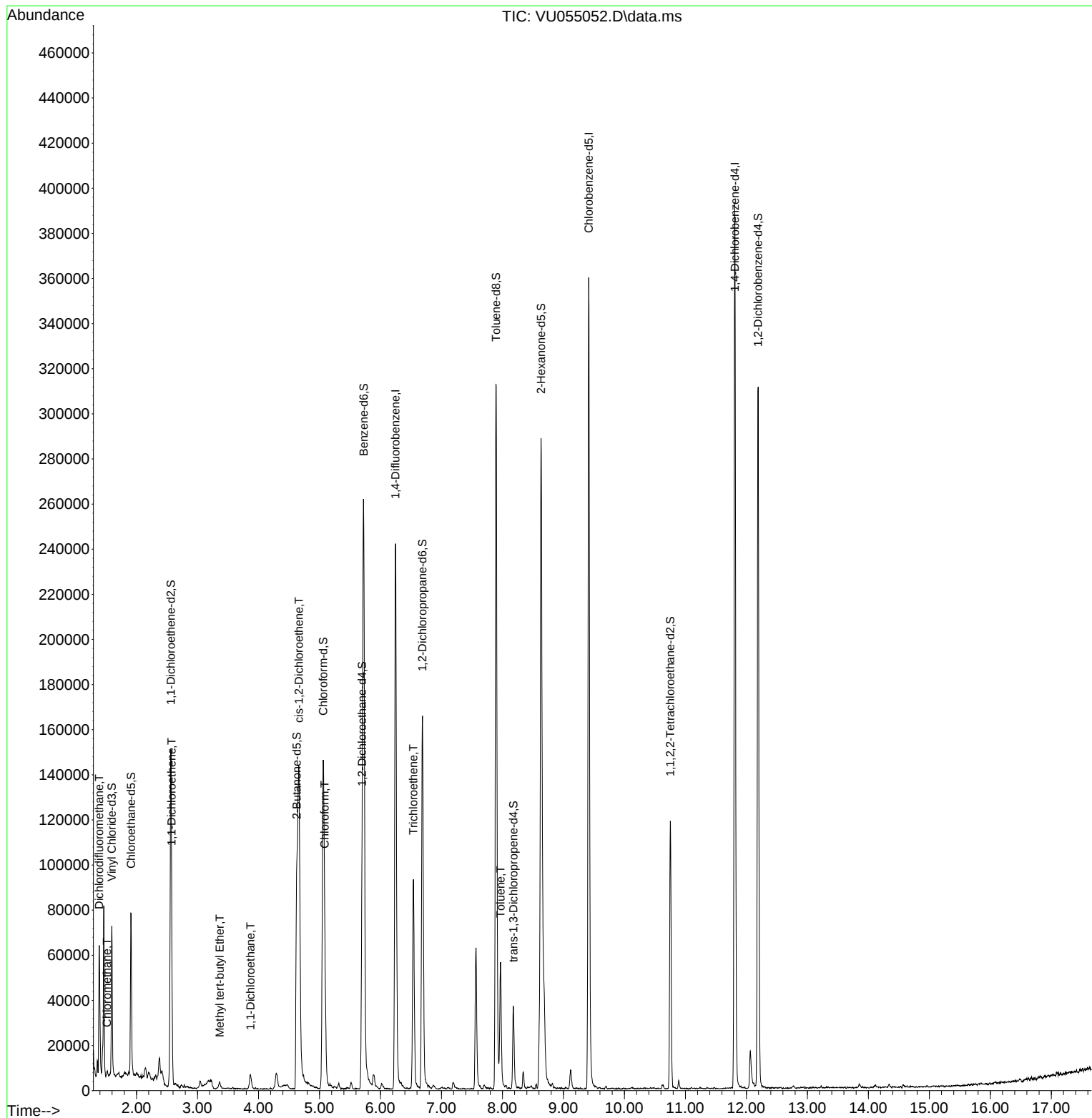
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	195065	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	103356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44173	4.832	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.911	69	50445	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	26090	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.628	46	150806	56.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.680%
24) Chloroform-d	5.062	84	125517	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.698	65	63598	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.724	84	242348	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.689	67	79002	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.898	98	213563	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.180	79	21321	5.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.634	63	95136	56.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57382	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	79587	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.387	85	1391	0.123	ug/L #	84
3) Chloromethane	1.518	50	1573	0.136	ug/L	95
12) 1,1-Dichloroethene	2.576	96	9598	1.064	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	2808	0.119	ug/L #	82
19) 1,1-Dichloroethane	3.869	63	7677	0.388	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	59821	5.341	ug/L	99
25) Chloroform	5.084	83	46025	2.235	ug/L	97
34) Trichloroethene	6.541	95	30043	2.636	ug/L	96
42) Toluene	7.968	91	39066	0.894	ug/L	100

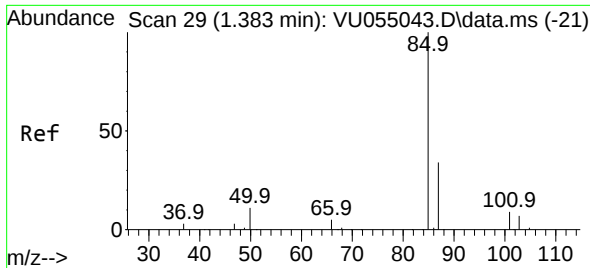
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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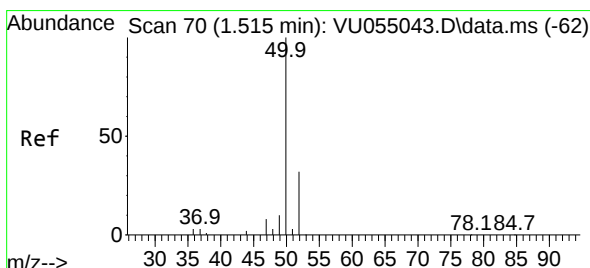
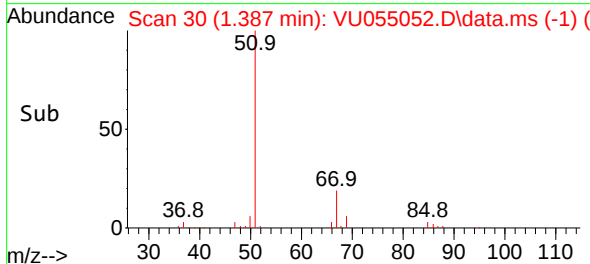
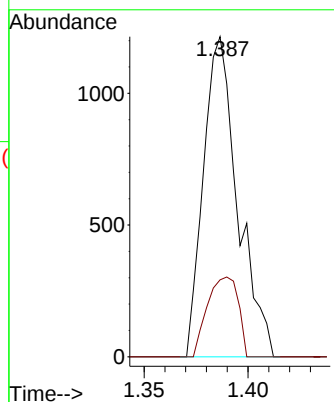
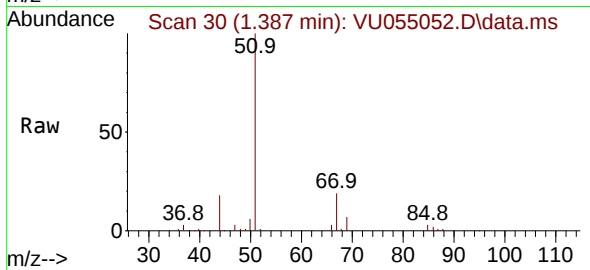




#2
 Dichlorodifluoromethane
 Concen: 0.123 ug/L
 RT: 1.387 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

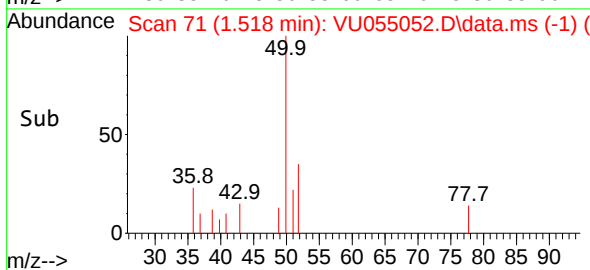
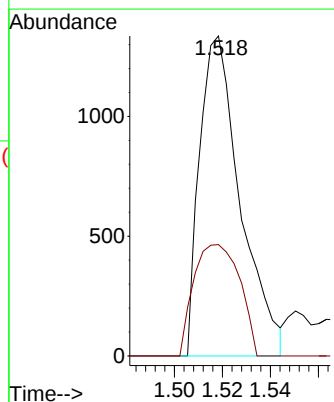
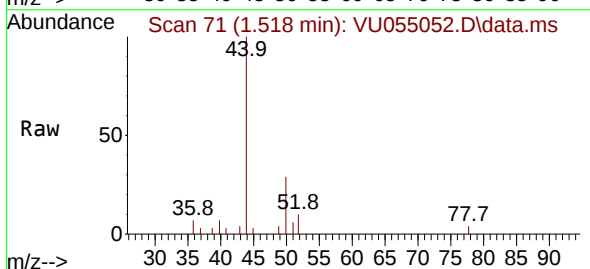
Instrument :
 MSVOA_U
 ClientSampleId :
 BH495

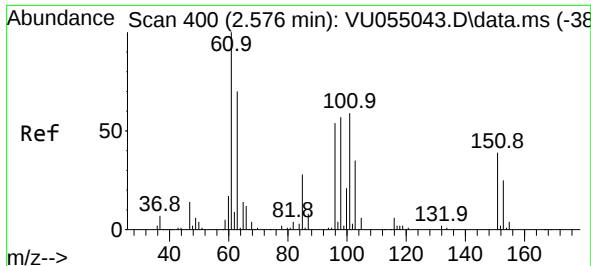
Tgt Ion: 85 Resp: 1391
 Ion Ratio Lower Upper
 85 100
 87 22.4 25.1 37.7#



#3
 Chloromethane
 Concen: 0.136 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

Tgt Ion: 50 Resp: 1573
 Ion Ratio Lower Upper
 50 100
 52 34.8 22.5 41.7

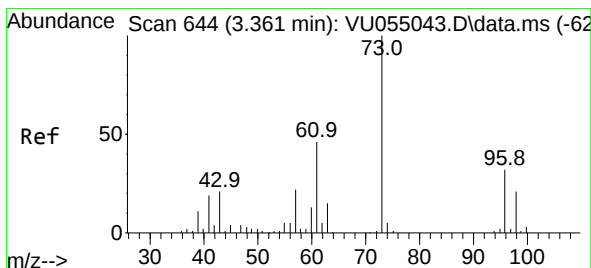
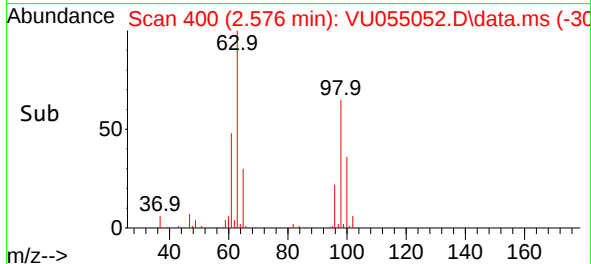
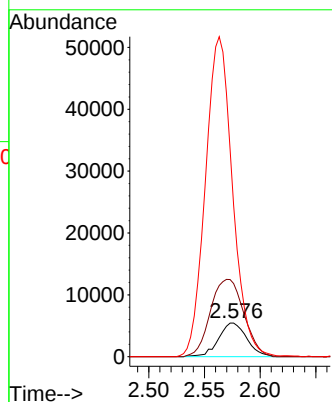
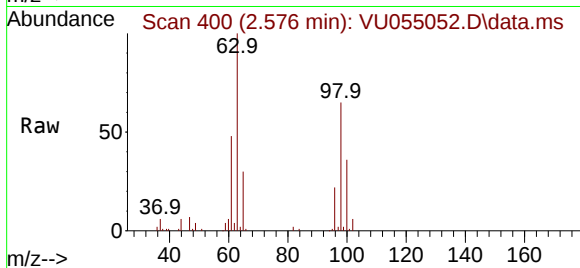




#12
 1,1-Dichloroethene
 Concen: 1.064 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

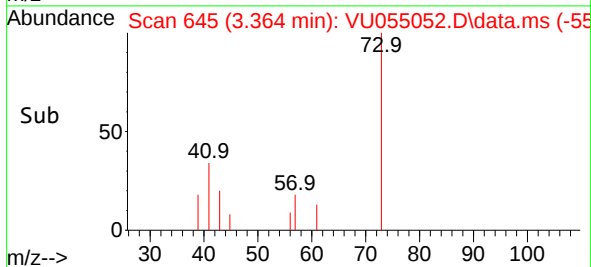
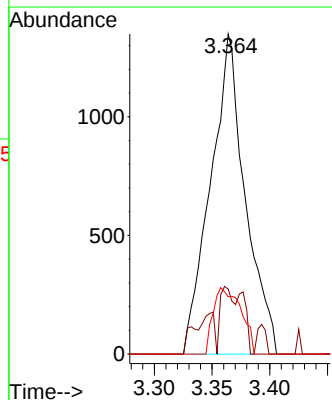
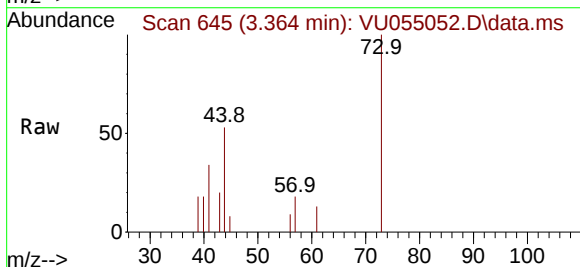
Instrument :
 MSVOA_U
 ClientSampleId :
 BH495

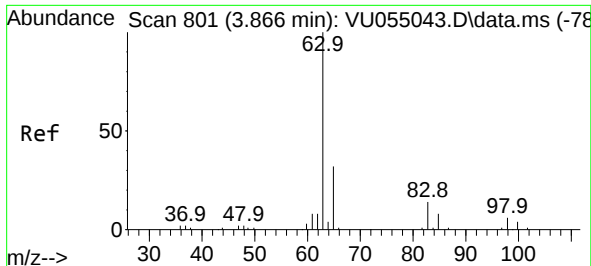
Tgt Ion: 96 Resp: 9598
 Ion Ratio Lower Upper
 96 100
 61 217.2 120.8 224.4
 63 449.1 94.5 175.5#



#17
 Methyl tert-butyl Ether
 Concen: 0.119 ug/L
 RT: 3.364 min Scan# 645
 Delta R.T. 0.003 min
 Lab File: VU055052.D
 Acq: 01 Sep 2023 20:02

Tgt Ion: 73 Resp: 2808
 Ion Ratio Lower Upper
 73 100
 43 8.5 16.2 24.2#
 57 16.6 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 0.388 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Instrument :

MSVOA_U

ClientSampleId :

BH495

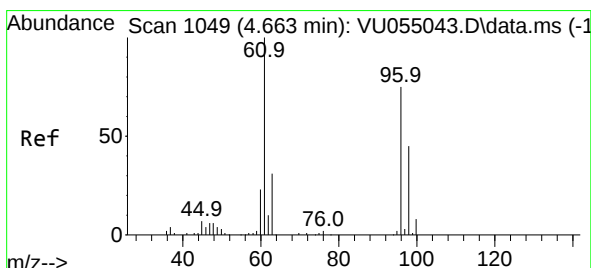
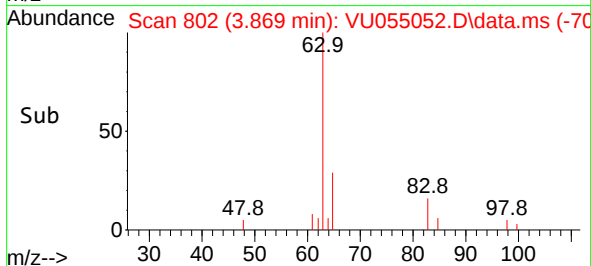
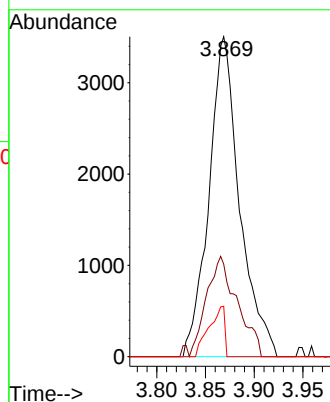
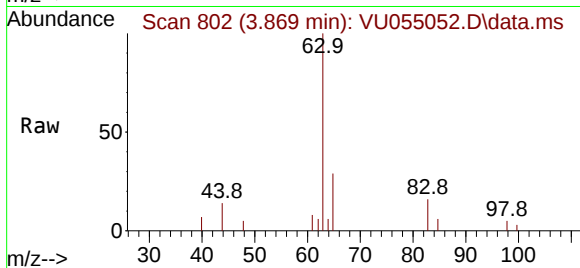
Tgt Ion: 63 Resp: 7677

Ion Ratio Lower Upper

63 100

65 28.9 22.2 41.2

83 15.7 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 5.341 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

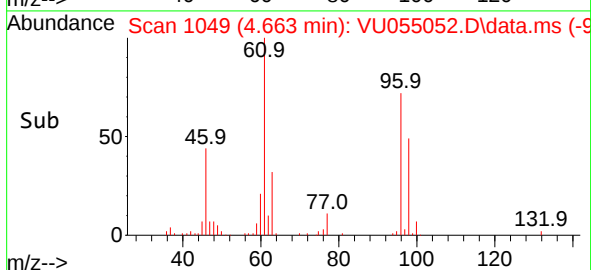
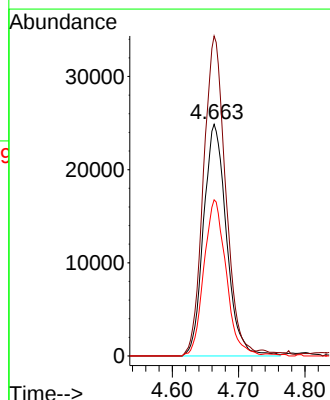
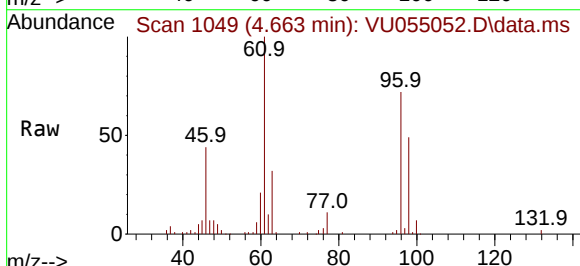
Tgt Ion: 96 Resp: 59821

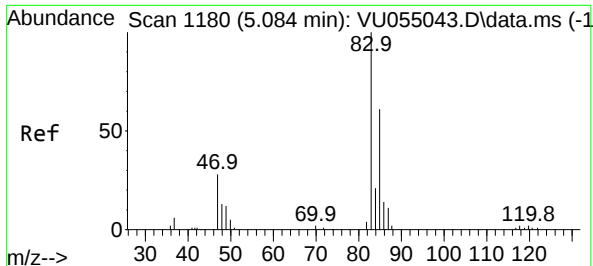
Ion Ratio Lower Upper

96 100

61 138.2 97.2 180.4

98 67.4 46.1 85.7





#25

Chloroform

Concen: 2.235 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Instrument :

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ClientSampleId :

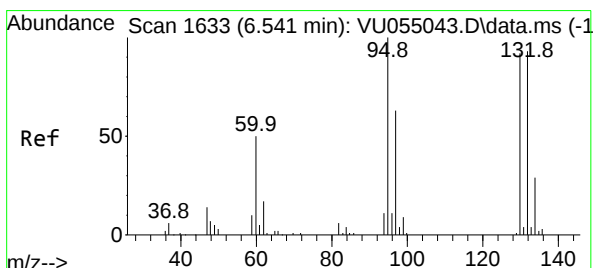
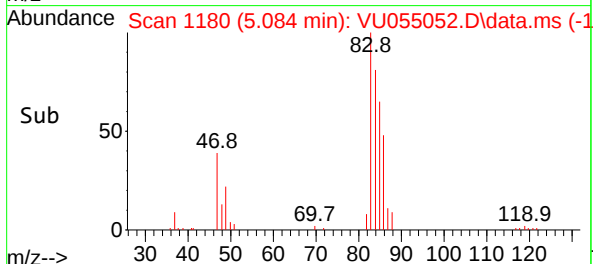
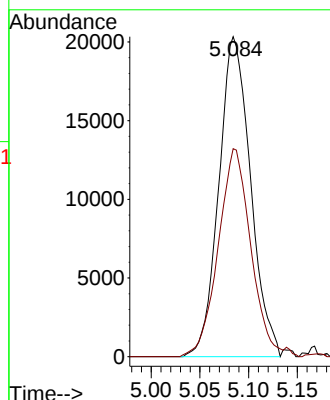
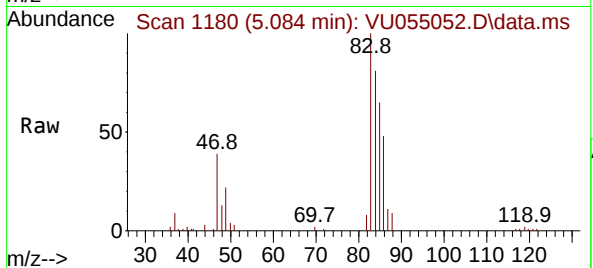
BH495

Tgt Ion: 83 Resp: 46025

Ion Ratio Lower Upper

83 100

85 65.0 47.2 87.6



#34

Trichloroethene

Concen: 2.636 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055052.D

Acq: 01 Sep 2023 20:02

Tgt Ion: 95 Resp: 30043

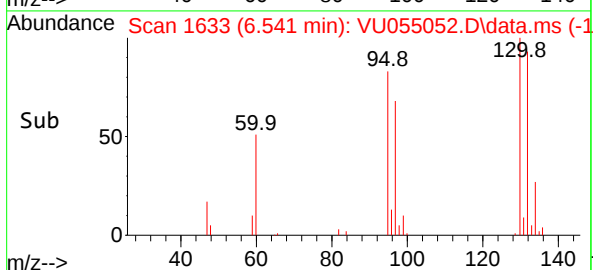
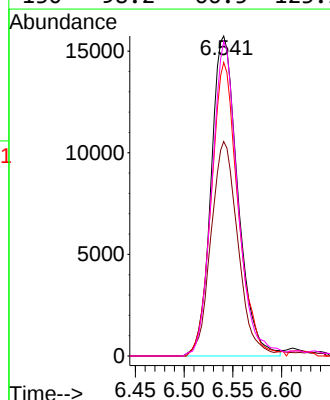
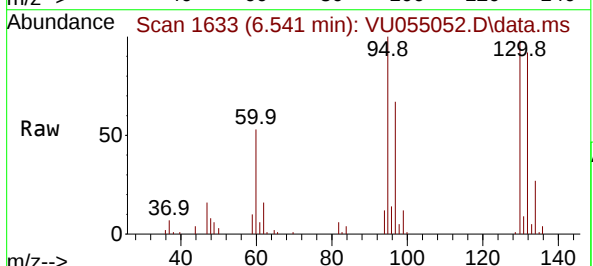
Ion Ratio Lower Upper

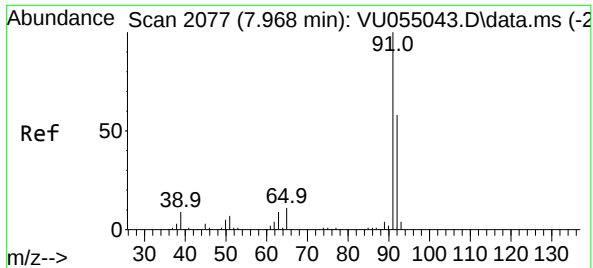
95 100

97 67.0 44.7 83.1

132 91.7 66.6 123.6

130 98.2 66.5 123.5





#42
Toluene
Concen: 0.894 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU055052.D
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Tgt Ion: 91 Resp: 39066
Ion Ratio Lower Upper
91 100
92 59.7 41.9 77.9

