

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055008.D
 Acq On : 30 Aug 2023 20:11
 Operator : MD/SY
 Sample : 04230-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH496

Quant Time: Aug 31 02:39:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

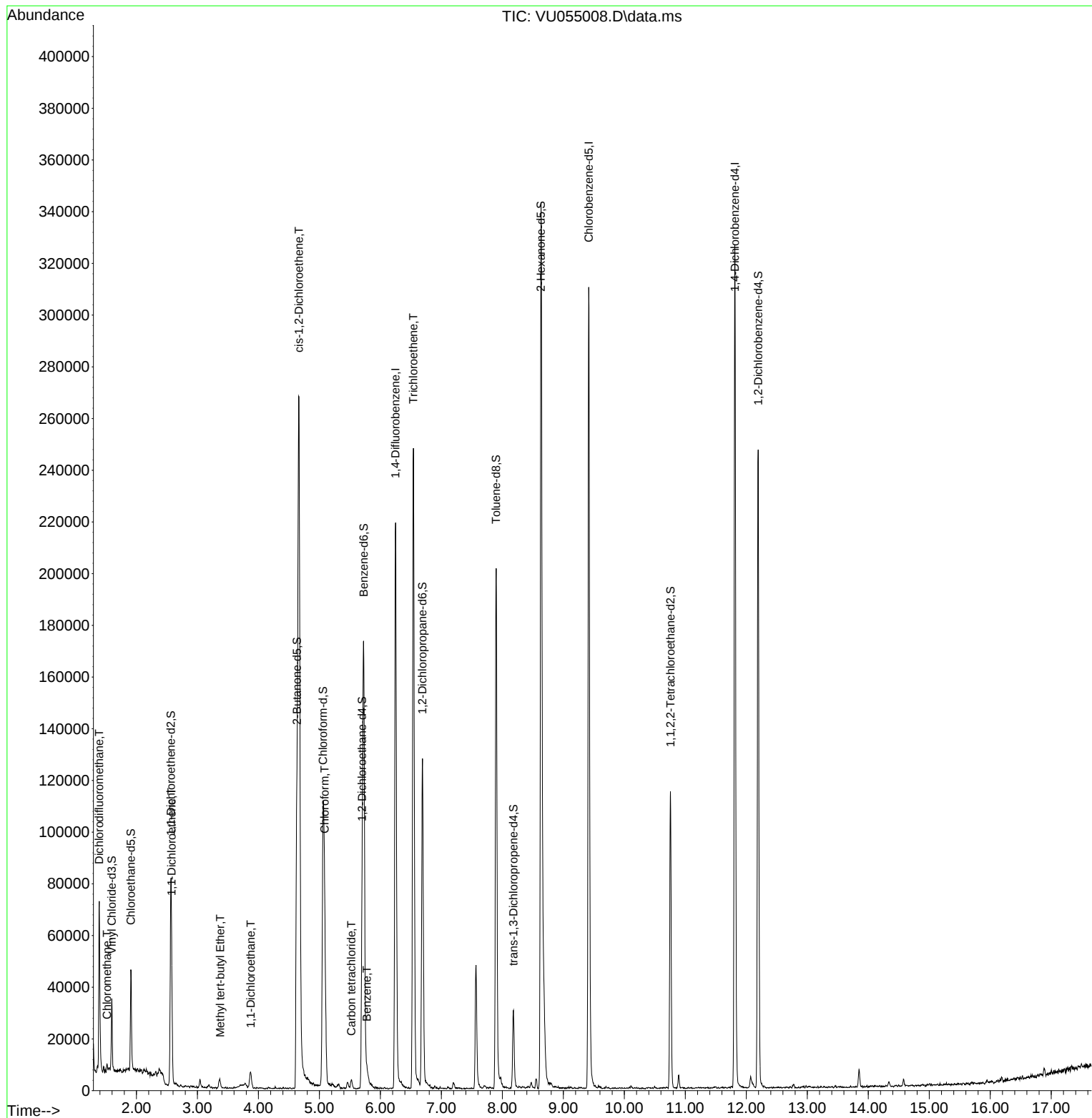
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165147	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17512	3.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.907	69	25741	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.563	65	11730	3.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.631	46	175681	59.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.960%
24) Chloroform-d	5.058	84	90611	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	52041	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.724	84	156602	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.689	67	59355	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.898	98	137109	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.181	79	16106	3.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.631	63	111828	54.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.660%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56045	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	63398	4.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.387	85	1330	0.124	ug/L	91
3) Chloromethane	1.515	50	2261	0.202	ug/L	93
12) 1,1-Dichloroethene	2.576	96	10259	1.310	ug/L #	66
17) Methyl tert-butyl Ether	3.374	73	3029	0.133	ug/L #	85
19) 1,1-Dichloroethane	3.872	63	7724	0.430	ug/L #	85
22) cis-1,2-Dichloroethene	4.663	96	119556	11.722	ug/L	97
25) Chloroform	5.084	83	47283	2.402	ug/L	100
31) Carbon tetrachloride	5.521	117	2199	0.157	ug/L	96
33) Benzene	5.779	78	5084	0.131	ug/L	100
34) Trichloroethene	6.541	95	83735	7.755	ug/L	96

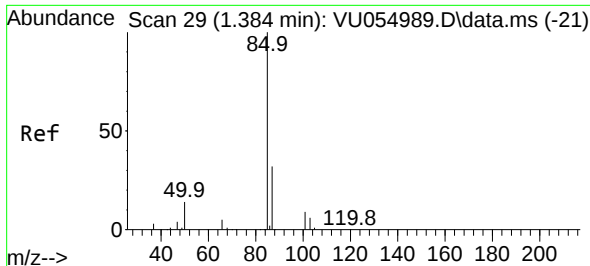
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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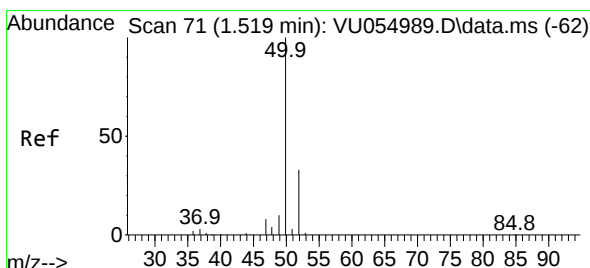
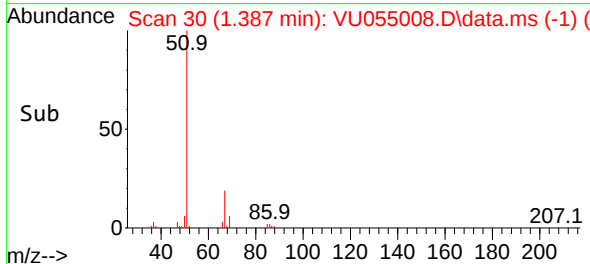
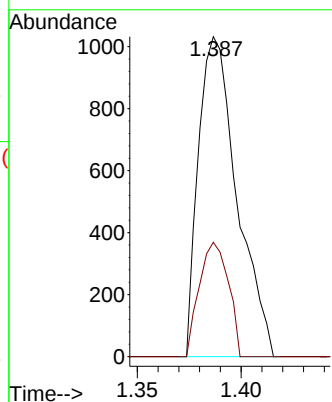
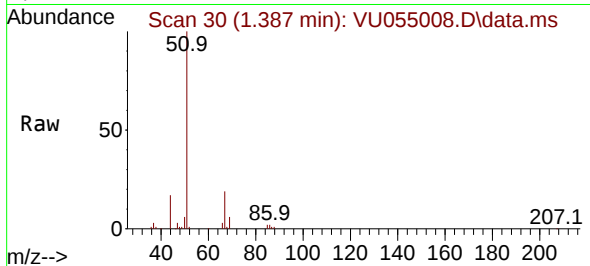




#2
 Dichlorodifluoromethane
 Concen: 0.124 ug/L
 RT: 1.387 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055008.D
 Acq: 30 Aug 2023 20:11

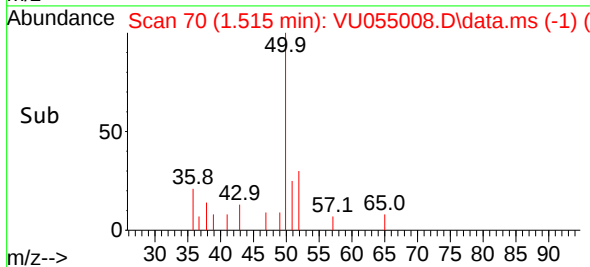
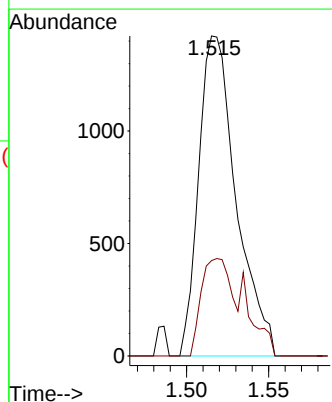
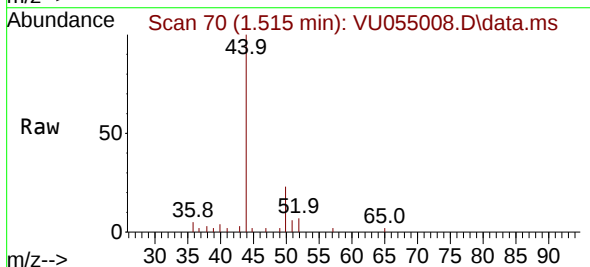
Instrument :
 MSVOA_U
 ClientSampleId :
 BH496

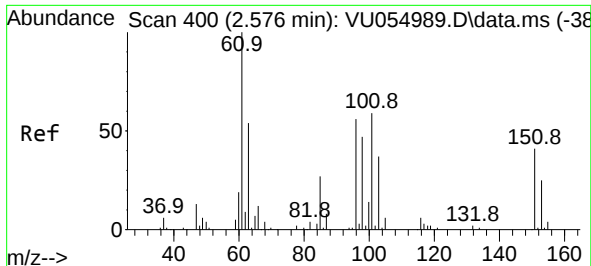
Tgt Ion: 85 Resp: 1330
 Ion Ratio Lower Upper
 85 100
 87 26.9 25.4 38.0



#3
 Chloromethane
 Concen: 0.202 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU055008.D
 Acq: 30 Aug 2023 20:11

Tgt Ion: 50 Resp: 2261
 Ion Ratio Lower Upper
 50 100
 52 29.8 23.4 43.6





#12

1,1-Dichloroethene

Concen: 1.310 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055008.D

Acq: 30 Aug 2023 20:11

Instrument :

MSVOA_U

ClientSampleId :

BH496

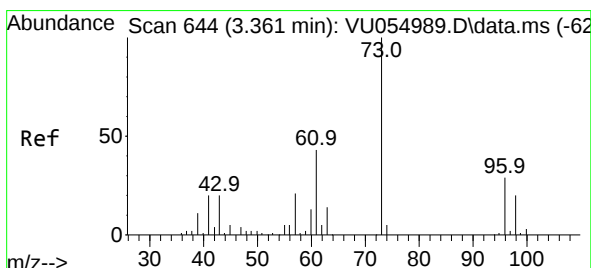
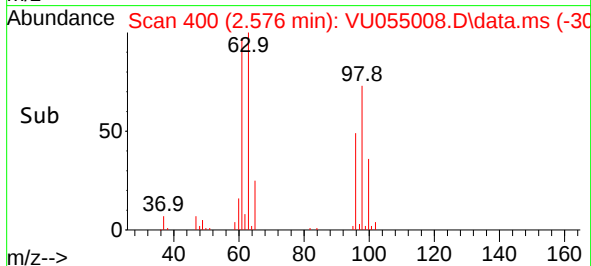
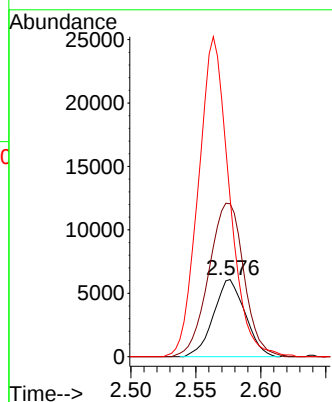
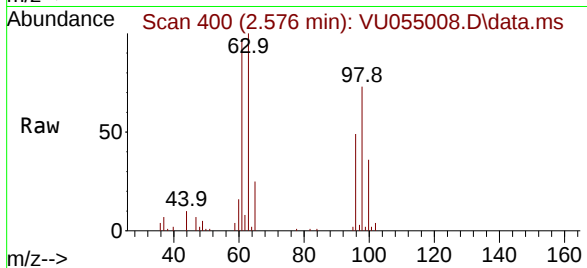
Tgt Ion: 96 Resp: 10259

Ion Ratio Lower Upper

96 100

61 198.4 132.4 245.8

63 205.1 82.5 153.1#



#17

Methyl tert-butyl Ether

Concen: 0.133 ug/L

RT: 3.374 min Scan# 648

Delta R.T. 0.013 min

Lab File: VU055008.D

Acq: 30 Aug 2023 20:11

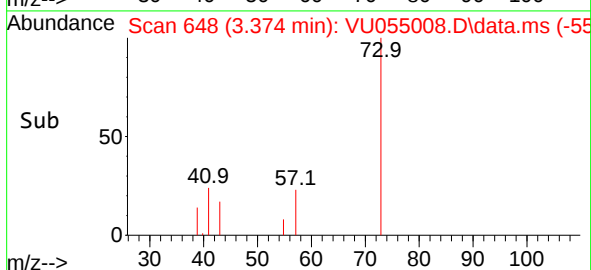
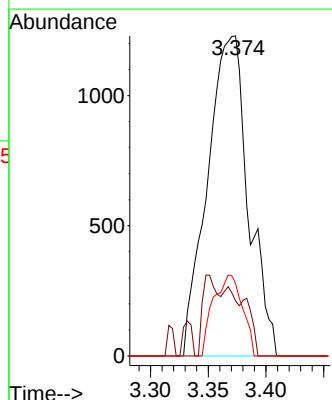
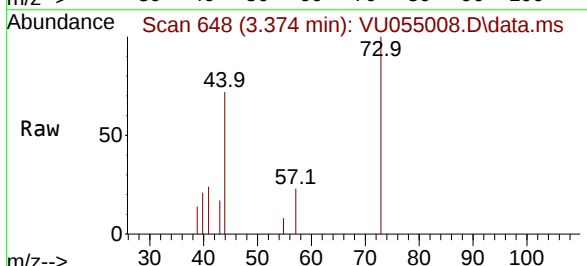
Tgt Ion: 73 Resp: 3029

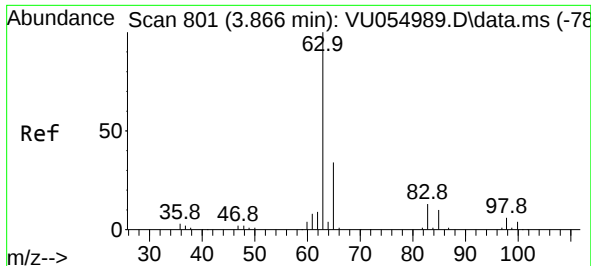
Ion Ratio Lower Upper

73 100

43 9.9 16.2 24.2#

57 17.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 0.430 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU055008.D

Acq: 30 Aug 2023 20:11

Instrument :

MSVOA_U

ClientSampleId :

BH496

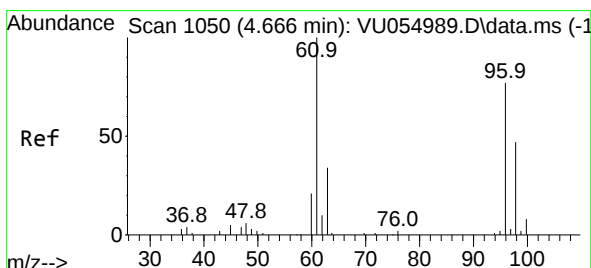
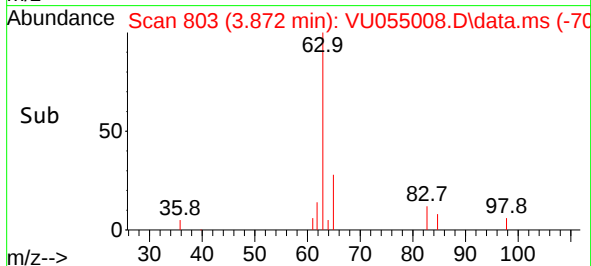
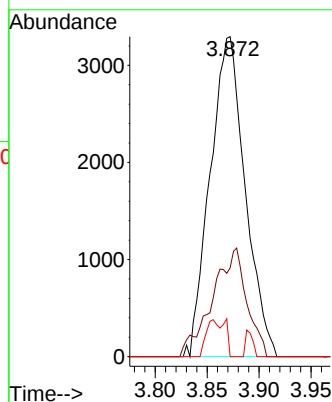
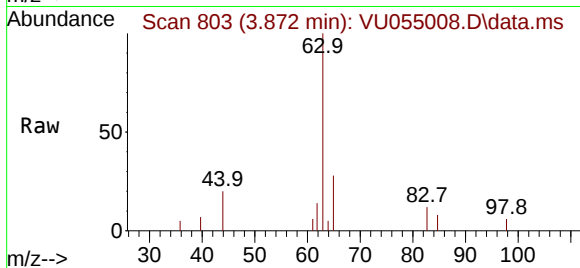
Tgt Ion: 63 Resp: 7724

Ion Ratio Lower Upper

63 100

65 27.8 22.5 41.7

83 0.0 9.5 17.7#



#22

cis-1,2-Dichloroethene

Concen: 11.722 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055008.D

Acq: 30 Aug 2023 20:11

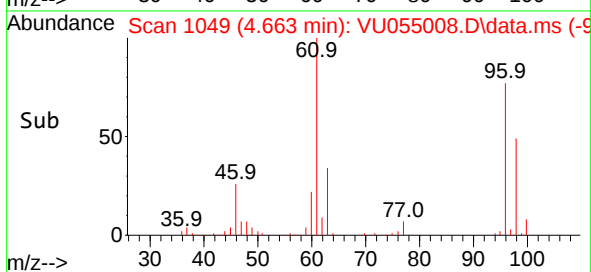
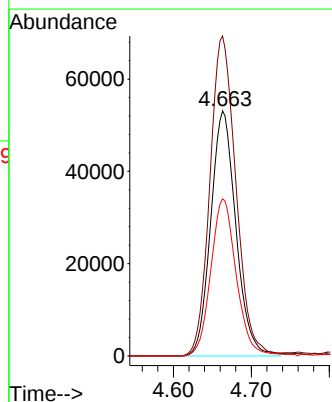
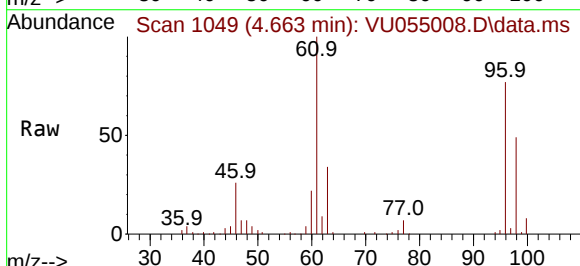
Tgt Ion: 96 Resp: 119556

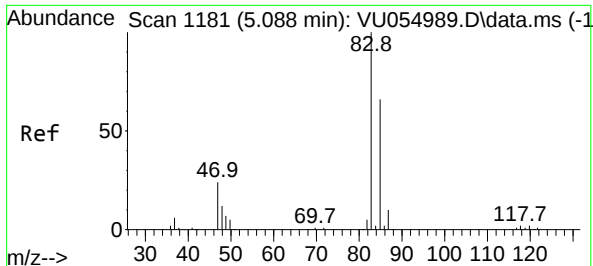
Ion Ratio Lower Upper

96 100

61 130.5 88.4 164.2

98 64.1 44.0 81.6





#25

Chloroform

Concen: 2.402 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055008.D

Acq: 30 Aug 2023 20:11

Instrument :

MSVOA_U

ClientSampleId :

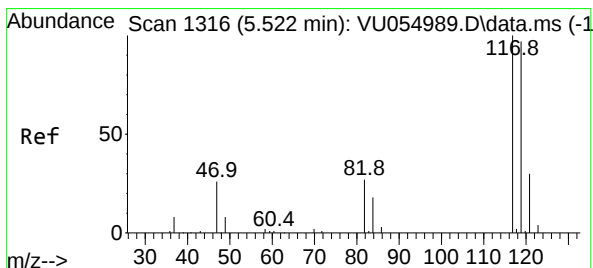
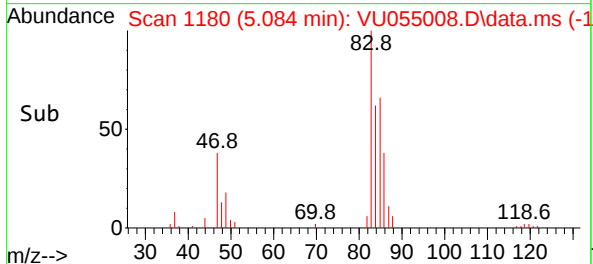
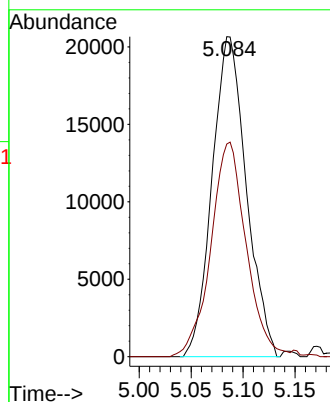
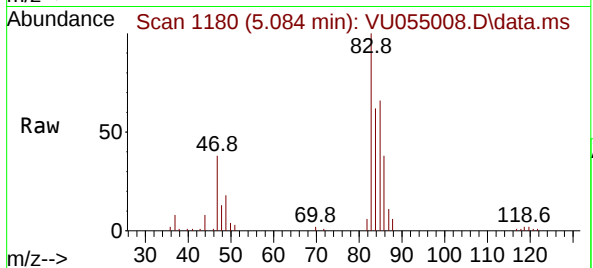
BH496

Tgt Ion: 83 Resp: 47283

Ion Ratio Lower Upper

83 100

85 66.4 46.7 86.7



#31

Carbon tetrachloride

Concen: 0.157 ug/L

RT: 5.521 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VU055008.D

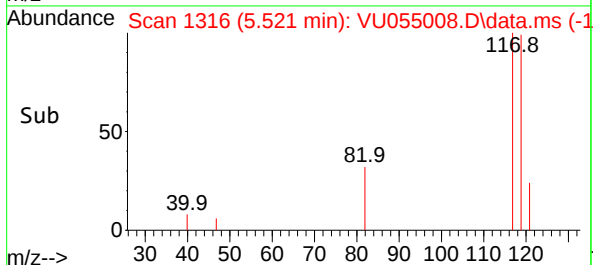
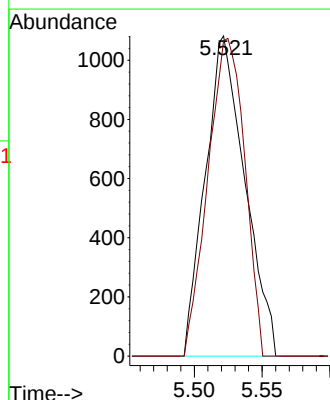
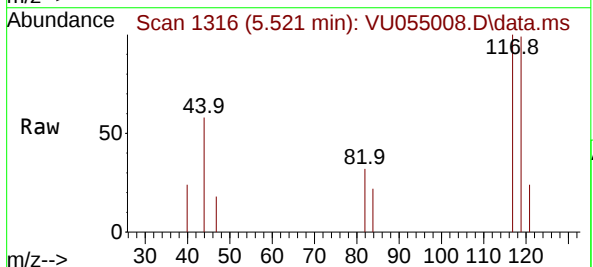
Acq: 30 Aug 2023 20:11

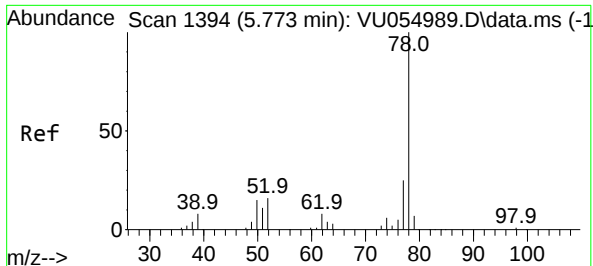
Tgt Ion: 117 Resp: 2199

Ion Ratio Lower Upper

117 100

119 92.0 76.6 115.0

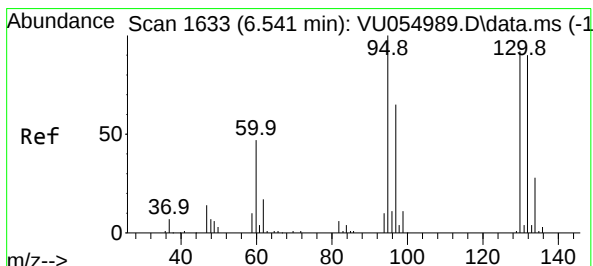
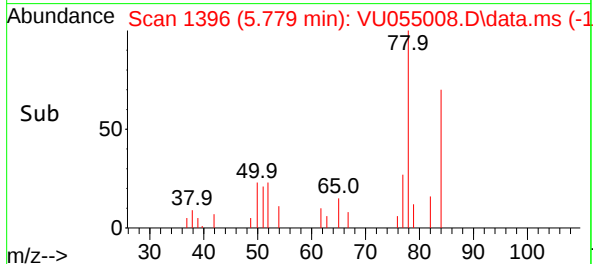
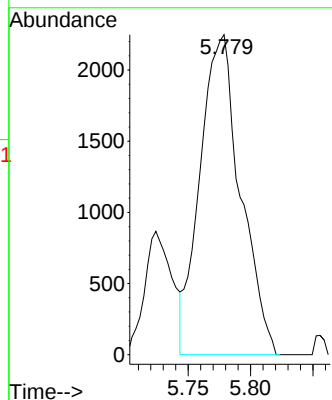
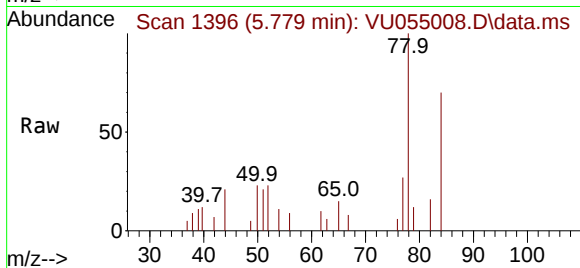




#33
Benzene
Concen: 0.131 ug/L
RT: 5.779 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU055008.D
Acq: 30 Aug 2023 20:11

Instrument :
MSVOA_U
ClientSampleId :
BH496

Tgt Ion: 78 Resp: 5084



#34
Trichloroethene
Concen: 7.755 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055008.D
Acq: 30 Aug 2023 20:11

Tgt Ion: 95 Resp: 83735

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.1	81.9
132	90.9	63.6	118.2
130	98.7	63.6	118.0

