

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055053.D
 Acq On : 01 Sep 2023 20:26
 Operator : MD/SY
 Sample : 04230-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH496

Quant Time: Sep 01 23:50:01 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)

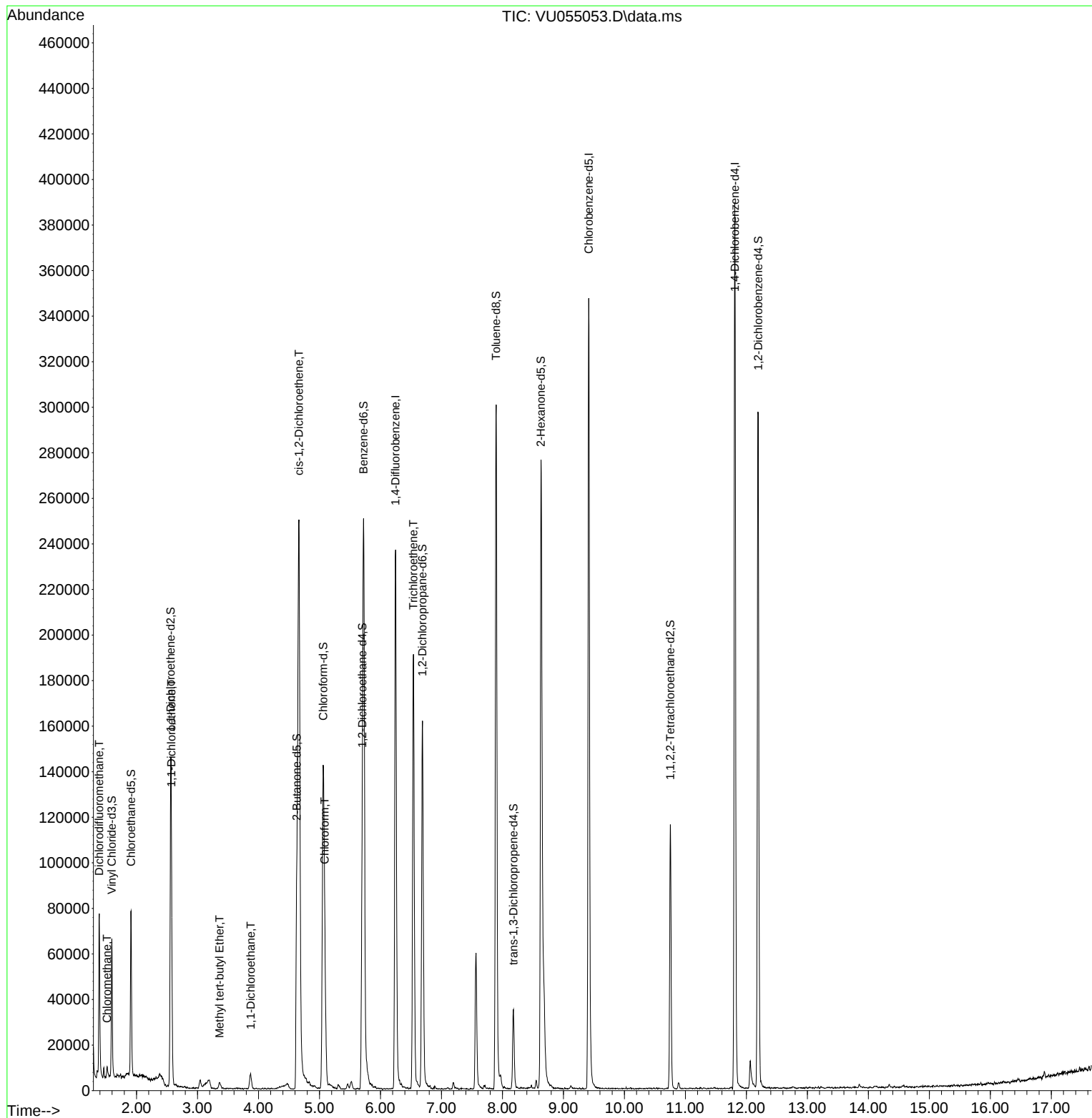
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41466	4.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	50169	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	24845	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.628	46	149535	57.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.960%
24) Chloroform-d	5.062	84	117591	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.701	65	63360	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	233767	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.689	67	76740	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.898	98	207831	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.180	79	19741	4.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	89513	53.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55422	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	75949	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.387	85	1790	0.162	ug/L	91
3) Chloromethane	1.515	50	3745	0.334	ug/L	99
12) 1,1-Dichloroethene	2.573	96	11264	1.285	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	2723	0.118	ug/L	93
19) 1,1-Dichloroethane	3.872	63	7397	0.385	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	115577	10.615	ug/L	98
25) Chloroform	5.087	83	47540	2.375	ug/L	92
34) Trichloroethene	6.541	95	63502	5.622	ug/L	97

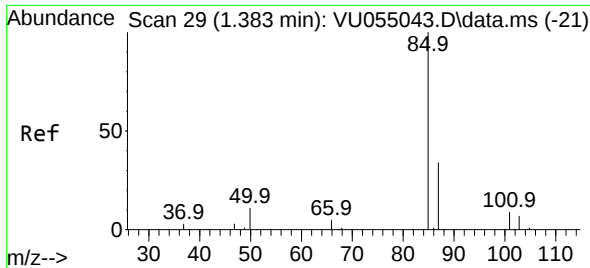
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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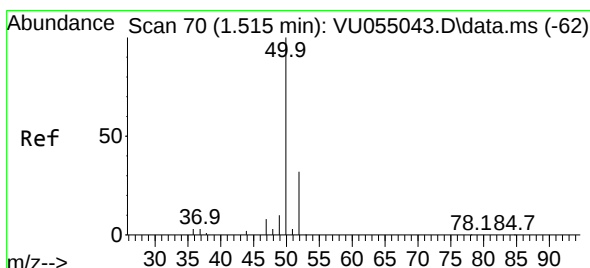
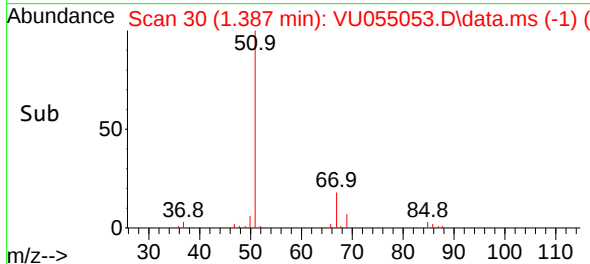
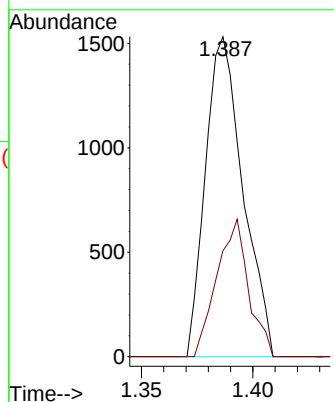
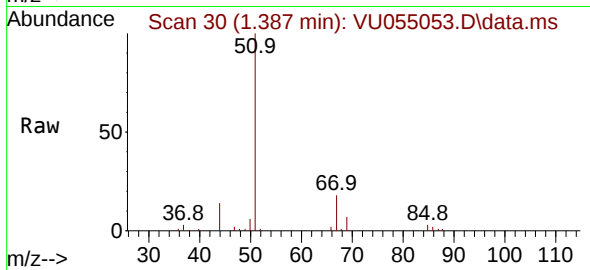




#2
 Dichlorodifluoromethane
 Concen: 0.162 ug/L
 RT: 1.387 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055053.D
 Acq: 01 Sep 2023 20:26

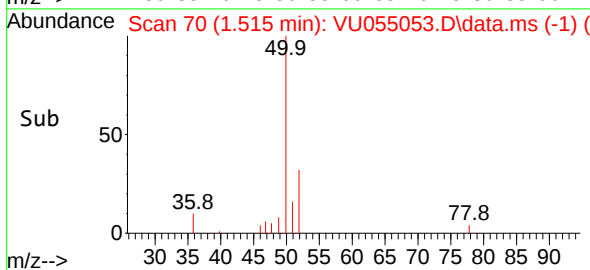
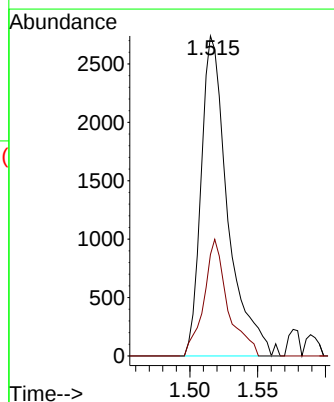
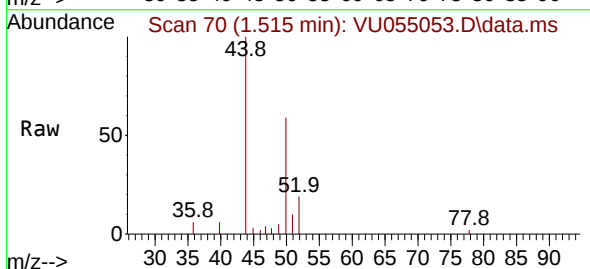
Instrument :
 MSVOA_U
 ClientSampleId :
 BH496

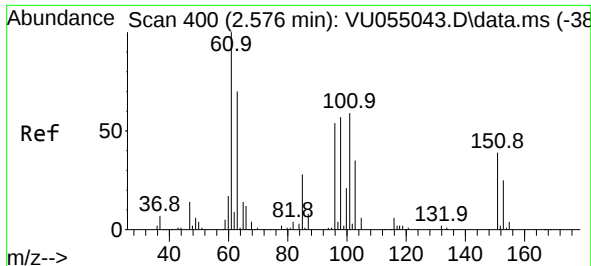
Tgt Ion: 85 Resp: 1790
 Ion Ratio Lower Upper
 85 100
 87 36.4 25.1 37.7



#3
 Chloromethane
 Concen: 0.334 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055053.D
 Acq: 01 Sep 2023 20:26

Tgt Ion: 50 Resp: 3745
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.5 41.7





#12

1,1-Dichloroethene

Concen: 1.285 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

ClientSampleId :

BH496

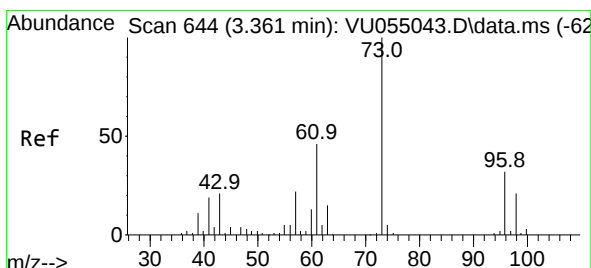
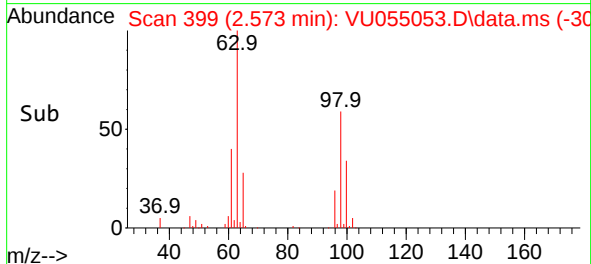
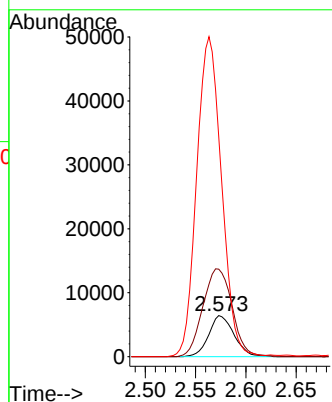
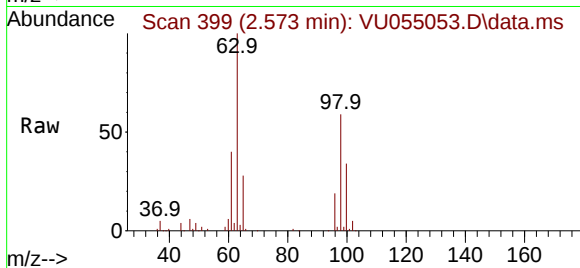
Tgt Ion: 96 Resp: 11264

Ion Ratio Lower Upper

96 100

61 195.8 120.8 224.4

63 491.3 94.5 175.5#



#17

Methyl tert-butyl Ether

Concen: 0.118 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

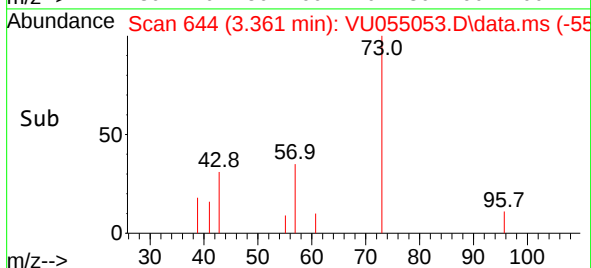
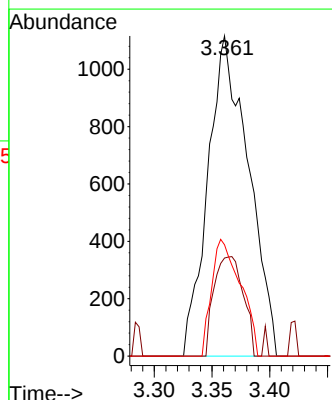
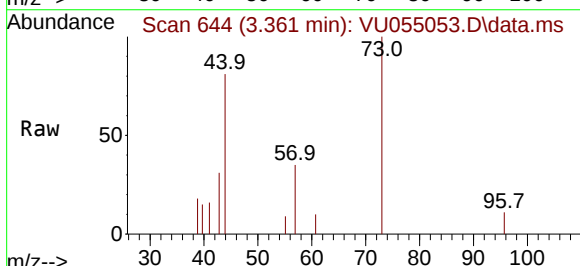
Tgt Ion: 73 Resp: 2723

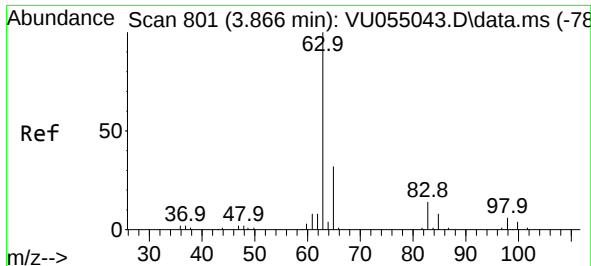
Ion Ratio Lower Upper

73 100

43 22.4 16.2 24.2

57 26.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.385 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

ClientSampleId :

BH496

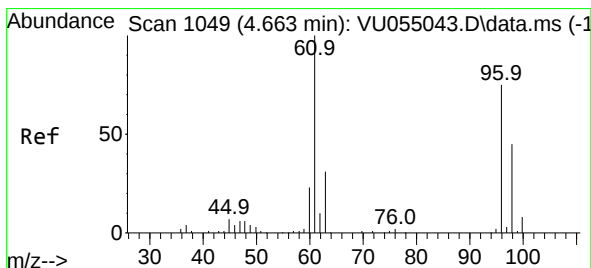
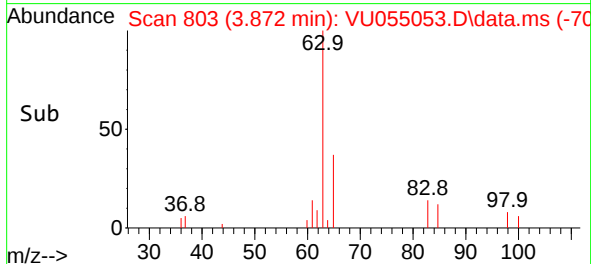
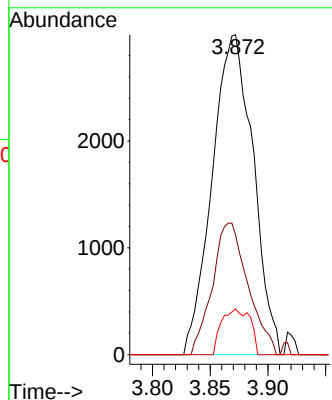
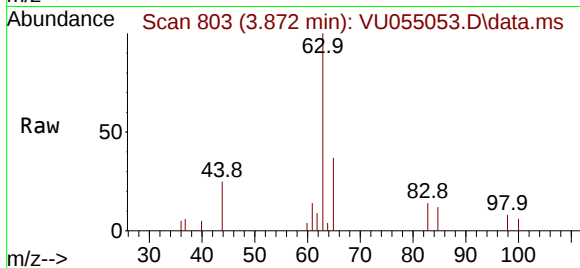
Tgt Ion: 63 Resp: 7397

Ion Ratio Lower Upper

63 100

65 36.0 22.2 41.2

83 13.8 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 10.615 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

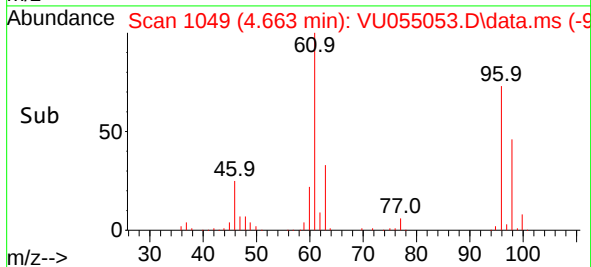
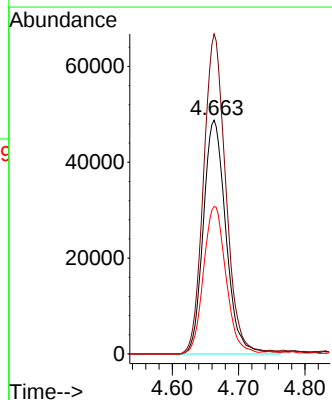
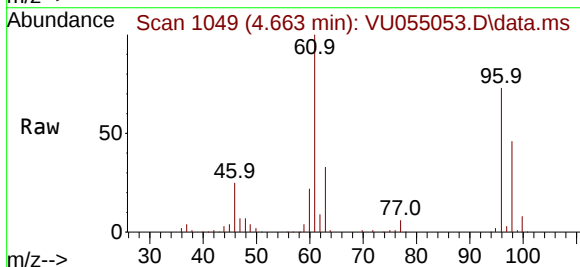
Tgt Ion: 96 Resp: 115577

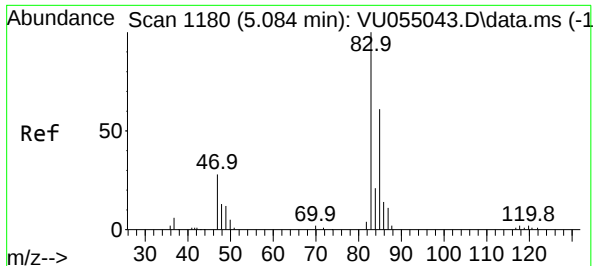
Ion Ratio Lower Upper

96 100

61 136.9 97.2 180.4

98 63.0 46.1 85.7





#25

Chloroform

Concen: 2.375 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

ClientSampleId :

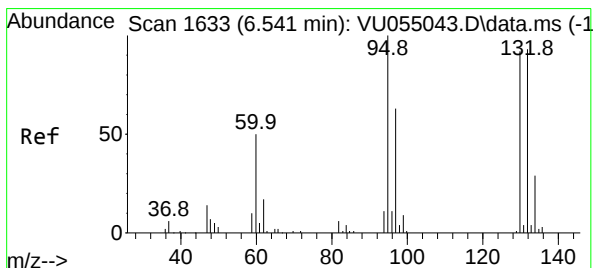
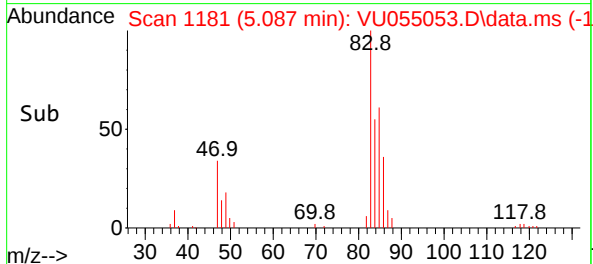
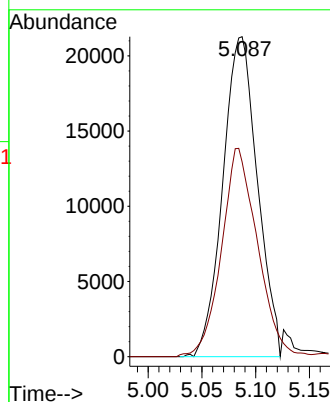
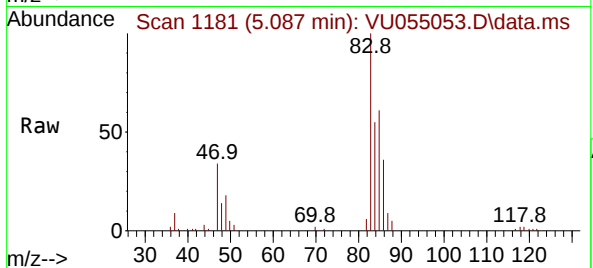
BH496

Tgt Ion: 83 Resp: 47540

Ion Ratio Lower Upper

83 100

85 60.9 47.2 87.6



#34

Trichloroethene

Concen: 5.622 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Tgt Ion: 95 Resp: 63502

Ion Ratio Lower Upper

95 100

97 67.3 44.7 83.1

132 95.1 66.6 123.6

130 101.2 66.5 123.5

