

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052071.D
 Acq On : 23 Nov 2022 05:45
 Operator : JC/MD
 Sample : N5693-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN88

Quant Time: Nov 23 08:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

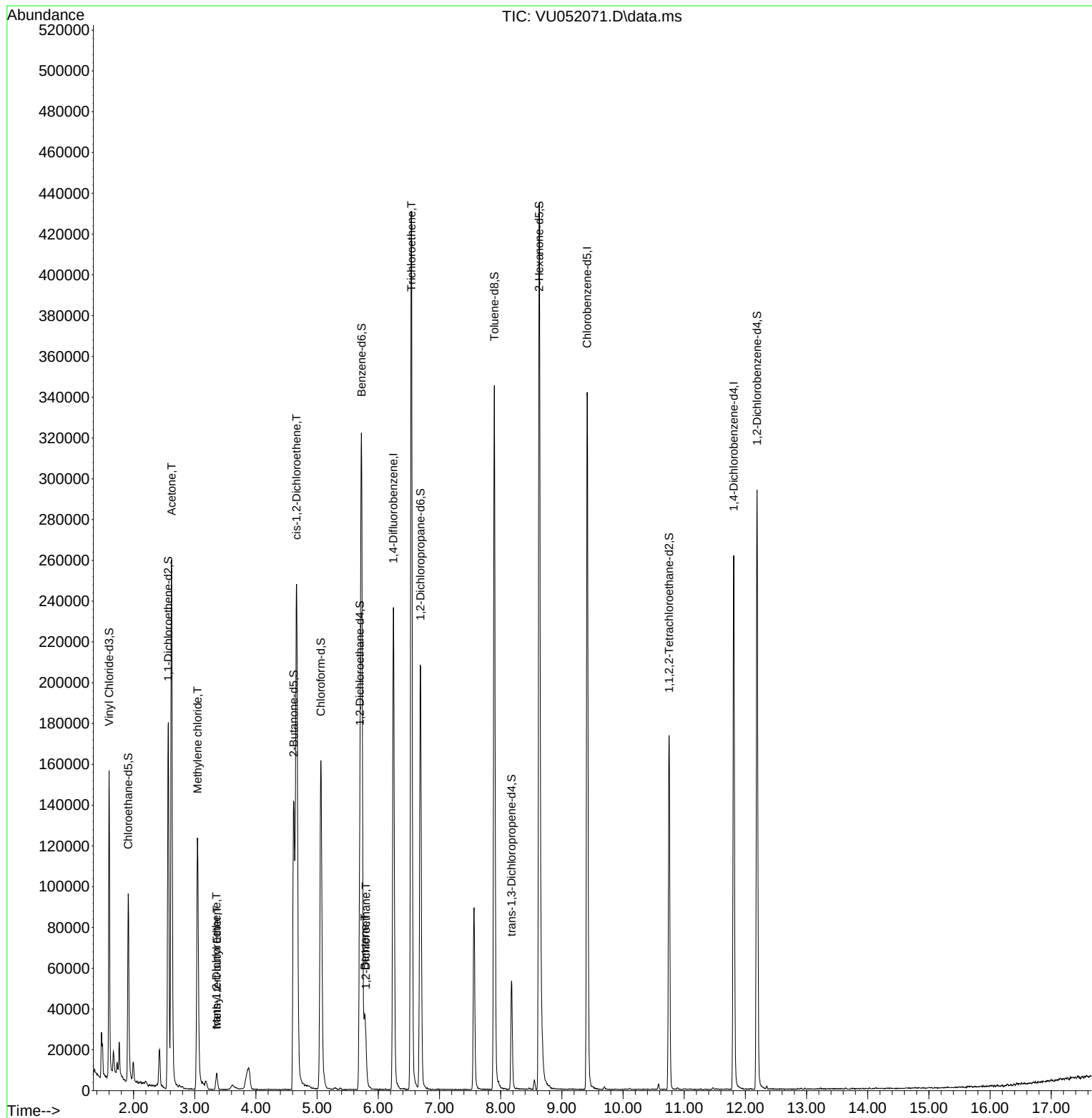
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	202389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87240	4.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.912	69	78348	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.565	65	33205	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.617	46	198618	57.316	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.060	84	155981	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.700	65	83333	5.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.726	84	320003	5.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.687	67	106325	5.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.896	98	245849	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.179	79	32105	4.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.629	63	150014	52.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90381	5.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85184	5.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						Qvalue
13) Acetone	2.620	43	276960	117.697	ug/L	99
16) Methylene chloride	3.044	84	66483	3.447	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	3979	0.125	ug/L	95
18) trans-1,2-Dichloroethene	3.356	96	2063	0.135	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	131858	8.221	ug/L	96
27) 1,2-Dichloroethane	5.797	62	15340	0.897	ug/L #	90
33) Benzene	5.777	78	29116	0.442	ug/L	100
34) Trichloroethene	6.539	95	154075	9.378	ug/L	99

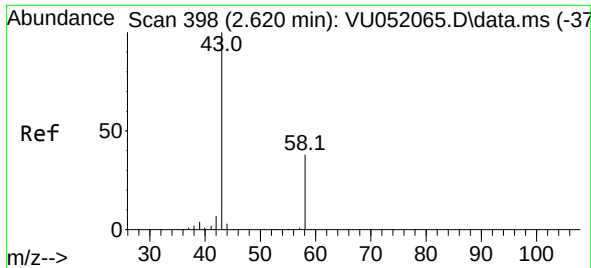
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 117.697 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052071.D

Acq: 23 Nov 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

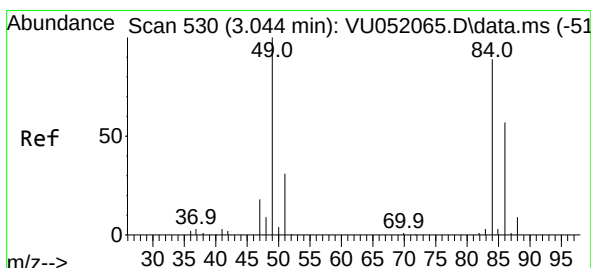
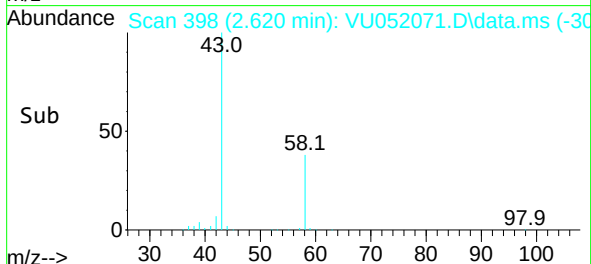
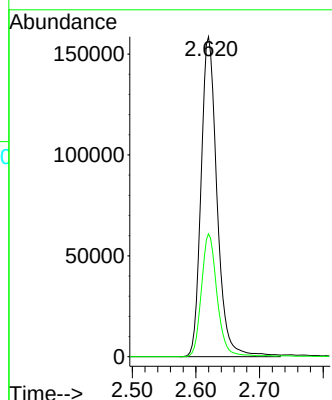
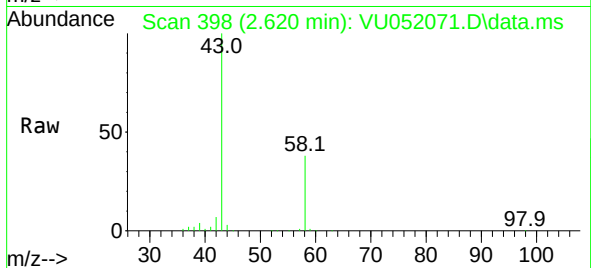
GBN88

Tgt Ion: 43 Resp: 276960

Ion Ratio Lower Upper

43 100

58 37.5 0.0 76.0



#16

Methylene chloride

Concen: 3.447 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU052071.D

Acq: 23 Nov 2022 05:45

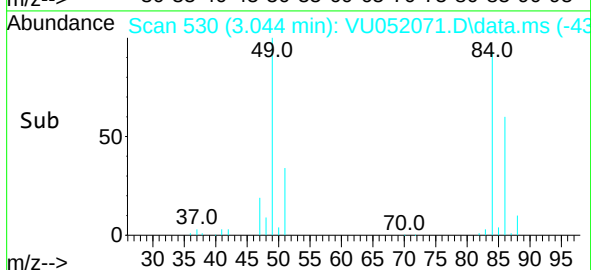
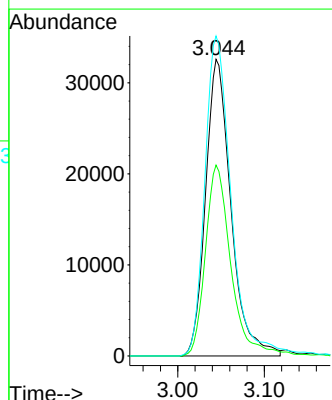
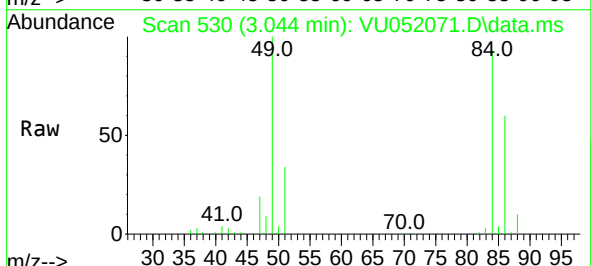
Tgt Ion: 84 Resp: 66483

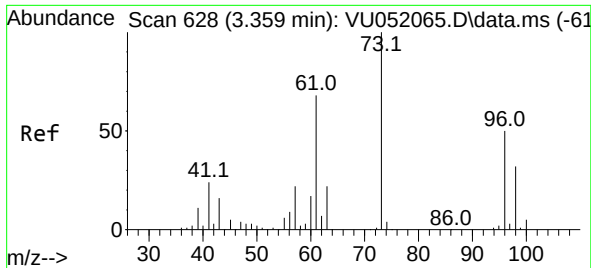
Ion Ratio Lower Upper

84 100

86 64.3 43.8 81.4

49 107.9 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 0.125 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052071.D

Acq: 23 Nov 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

GBN88

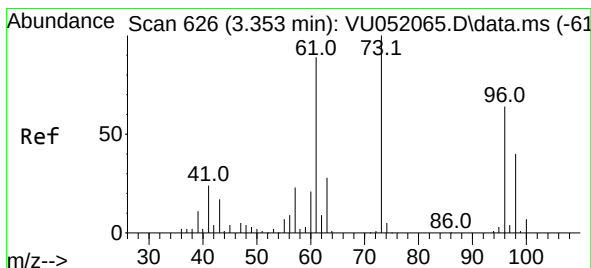
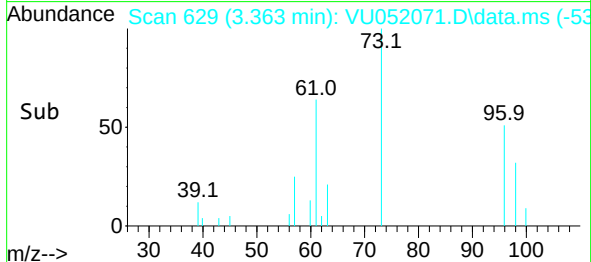
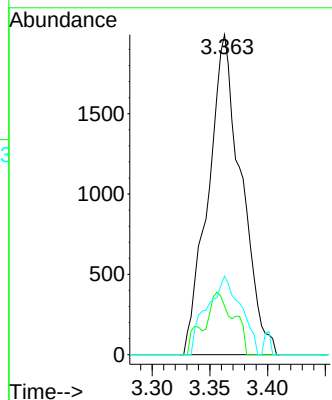
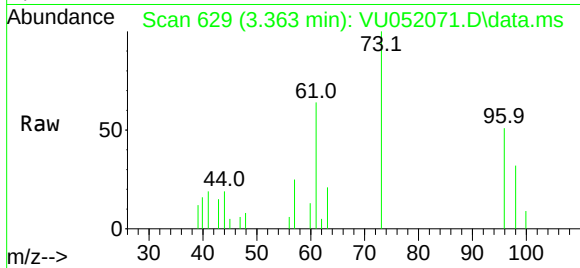
Tgt Ion: 73 Resp: 3979

Ion Ratio Lower Upper

73 100

43 14.3 13.2 19.8

57 25.0 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 0.135 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052071.D

Acq: 23 Nov 2022 05:45

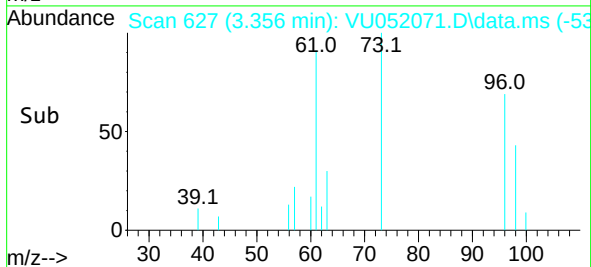
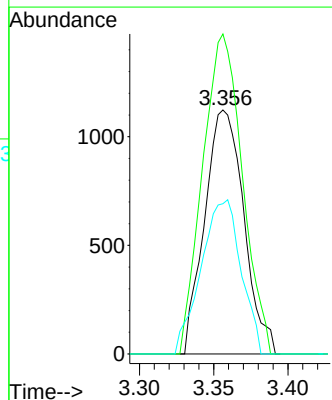
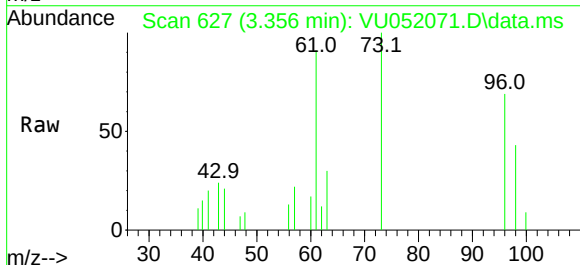
Tgt Ion: 96 Resp: 2063

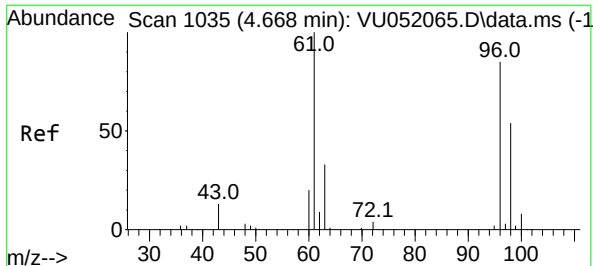
Ion Ratio Lower Upper

96 100

61 131.2 97.9 181.7

98 61.6 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 8.221 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052071.D

Acq: 23 Nov 2022 05:45

Instrument :

MSVOA_U

ClientSampleId :

GBN88

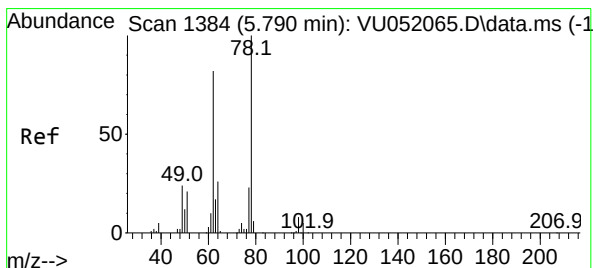
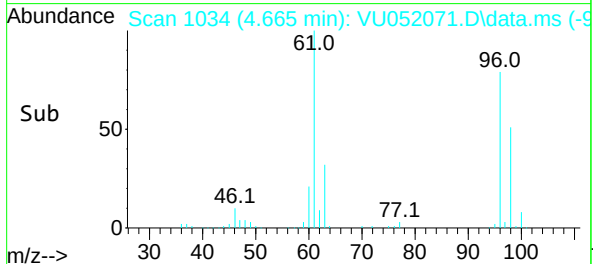
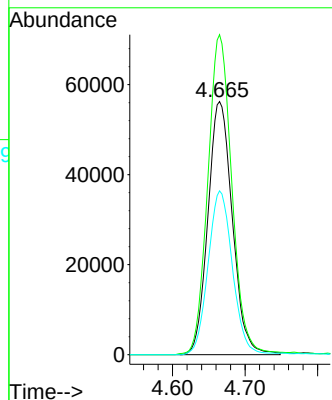
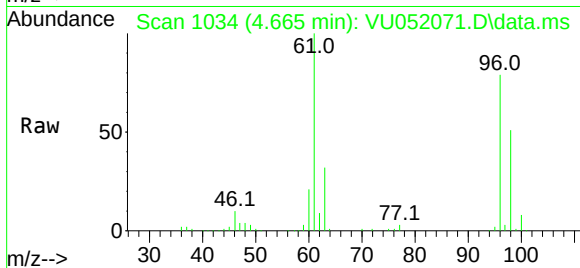
Tgt Ion: 96 Resp: 131858

Ion Ratio Lower Upper

96 100

61 126.4 85.1 158.1

98 64.7 42.8 79.6



#27

1,2-Dichloroethane

Concen: 0.897 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.007 min

Lab File: VU052071.D

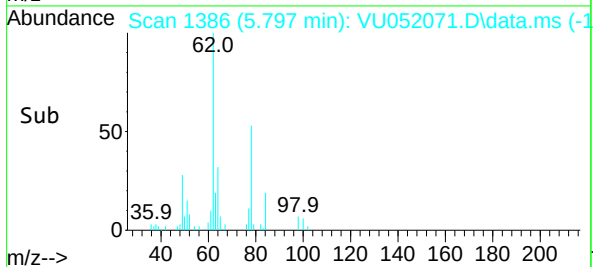
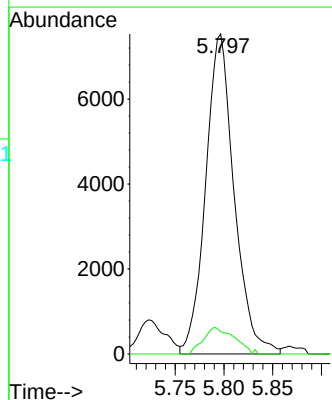
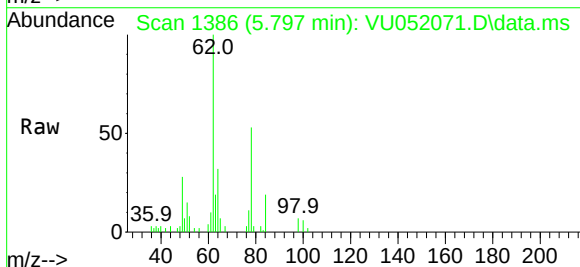
Acq: 23 Nov 2022 05:45

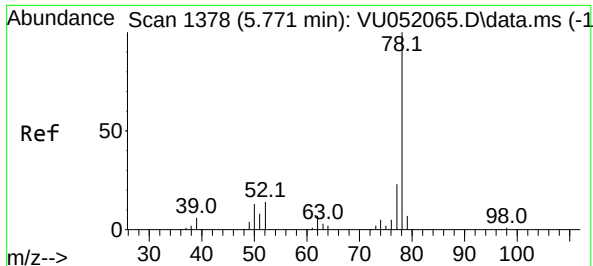
Tgt Ion: 62 Resp: 15340

Ion Ratio Lower Upper

62 100

98 6.9 8.4 12.6#

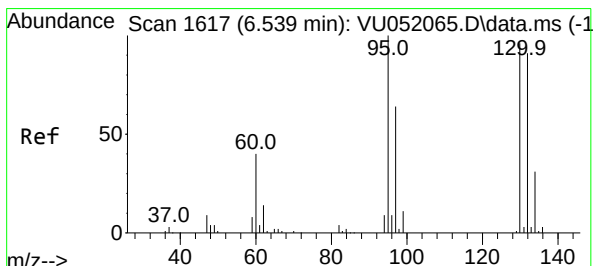
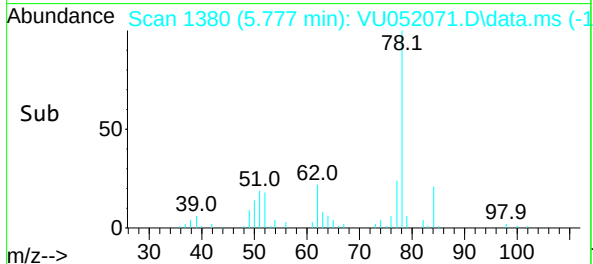
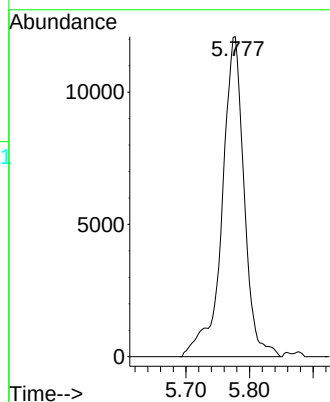
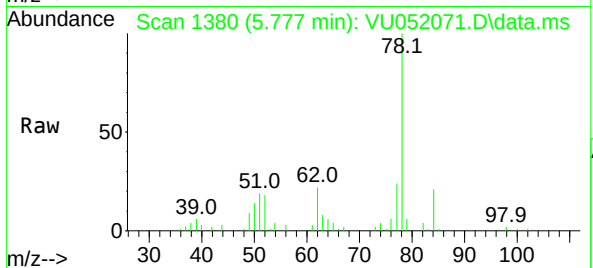




#33
Benzene
Concen: 0.442 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU052071.D
Acq: 23 Nov 2022 05:45

Instrument :
MSVOA_U
ClientSampleId :
GBN88

Tgt Ion: 78 Resp: 29116



#34
Trichloroethene
Concen: 9.378 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052071.D
Acq: 23 Nov 2022 05:45

Tgt Ion: 95 Resp: 154075
Ion Ratio Lower Upper
95 100
97 63.2 43.7 81.1
132 92.5 64.3 119.3
130 96.2 67.3 124.9

