

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050128.D
 Acq On : 06 Aug 2022 04:59
 Operator : SY/MD
 Sample : N4075-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV1

Quant Time: Aug 06 06:07:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

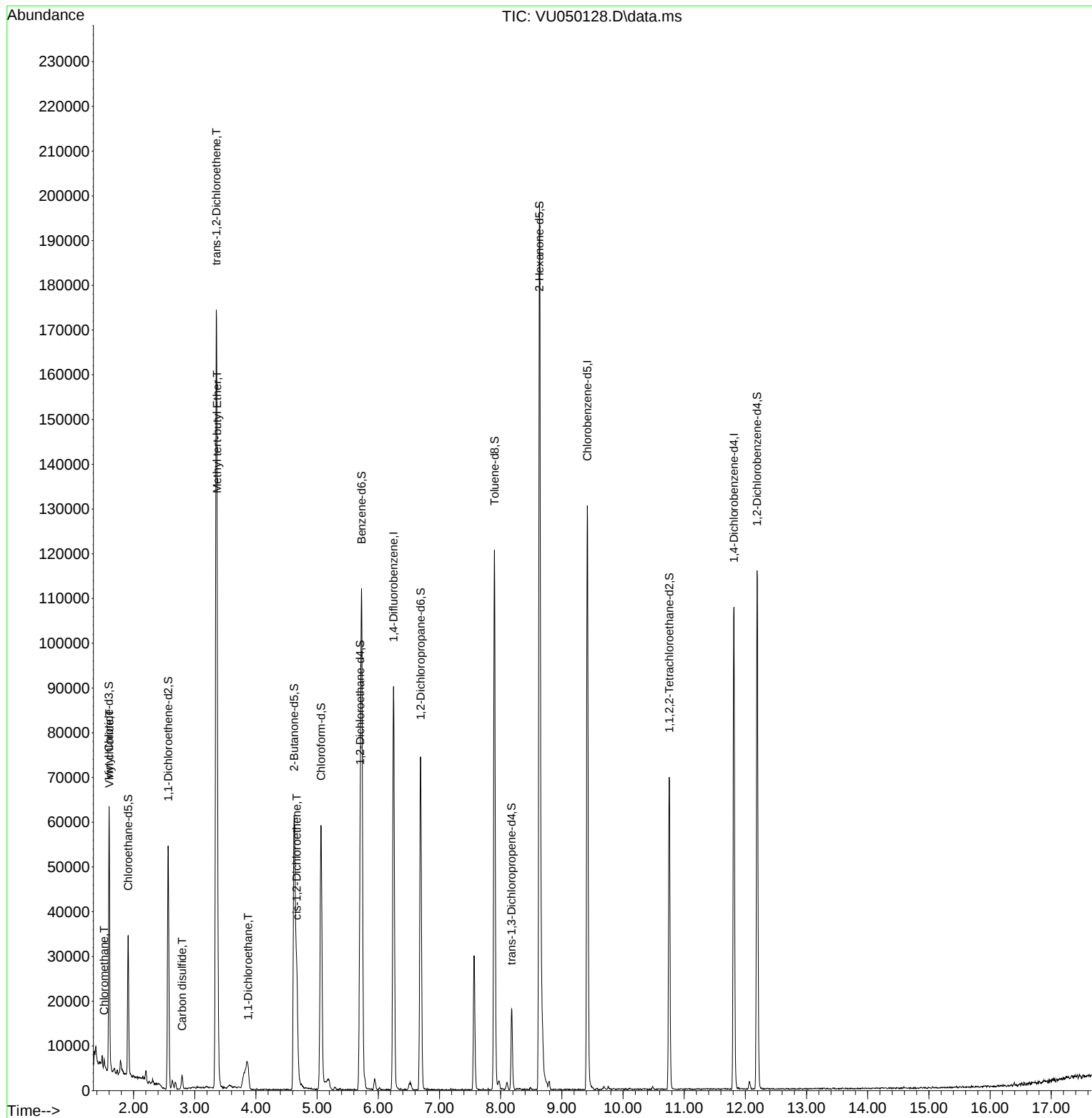
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25367	4.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.912	69	23217	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.565	65	10488	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.623	46	95852	62.852	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.700%
24) Chloroform-d	5.063	84	56947	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	31709	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	107520	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.694	67	38103	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.899	98	84857	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.179	79	11351	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.632	63	64069	64.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.700%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	37294	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	31170	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1541	0.171	ug/L	99
5) Vinyl chloride	1.604	62	17839	2.210	ug/L	91
14) Carbon disulfide	2.793	76	4361	0.235	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	28623	2.111	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	67447	11.597	ug/L	95
19) 1,1-Dichloroethane	3.871	63	1637	0.149	ug/L #	89
22) cis-1,2-Dichloroethene	4.668	96	10497	1.626	ug/L	95

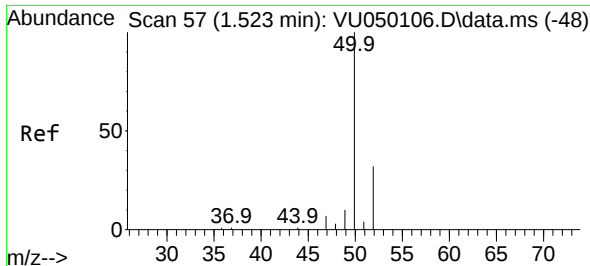
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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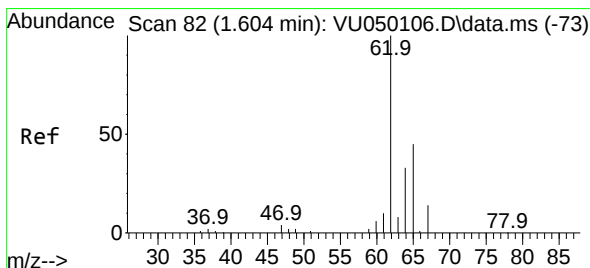
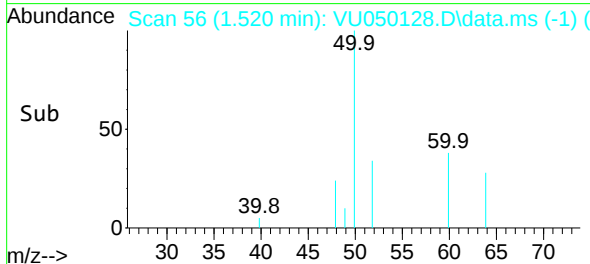
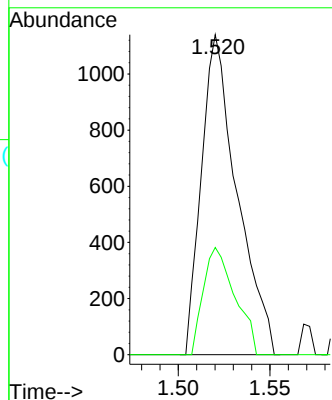
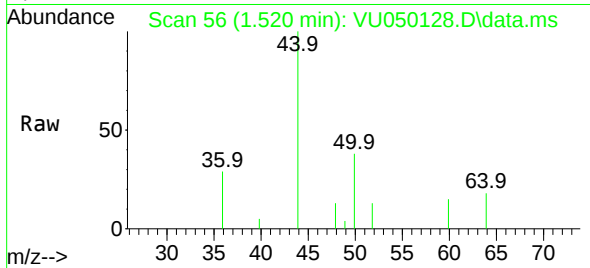




#3
Chloromethane
Concen: 0.171 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

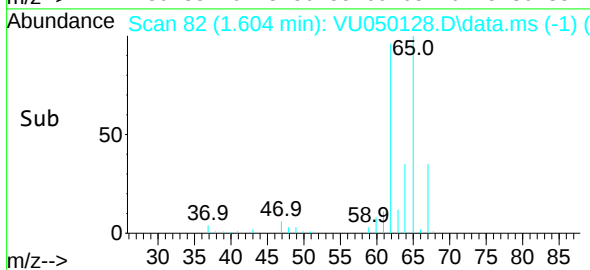
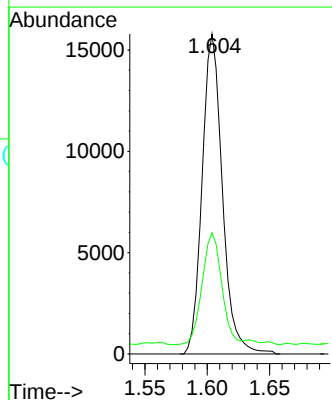
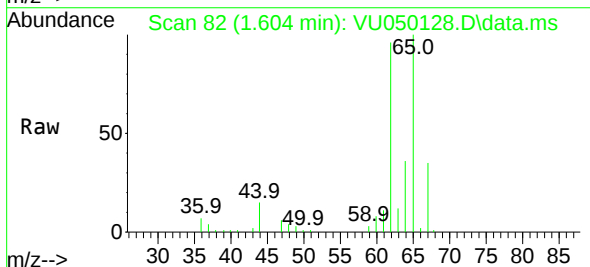
Instrument :
MSVOA_U
ClientSampleId :
DBUV1

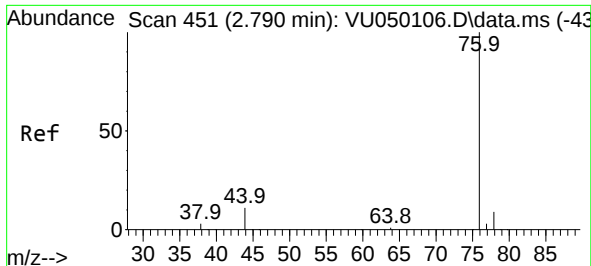
Tgt Ion: 50 Resp: 1541
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2



#5
Vinyl chloride
Concen: 2.210 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

Tgt Ion: 62 Resp: 17839
Ion Ratio Lower Upper
62 100
64 37.8 22.8 42.4

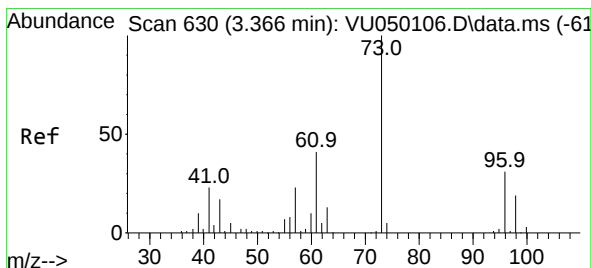
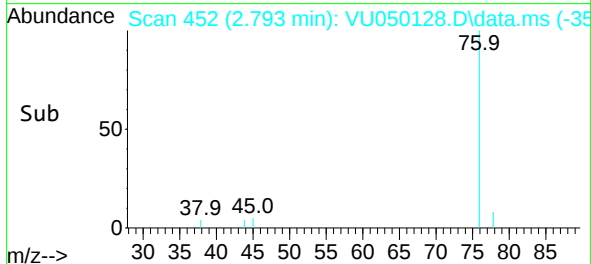
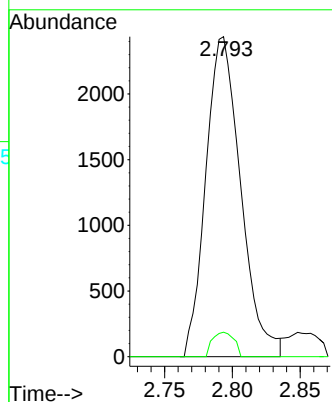
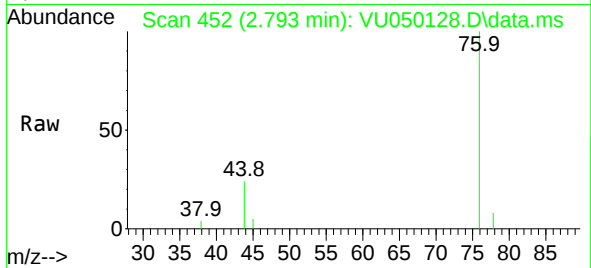




#14
Carbon disulfide
Concen: 0.235 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

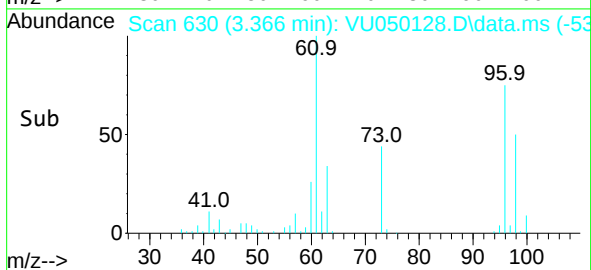
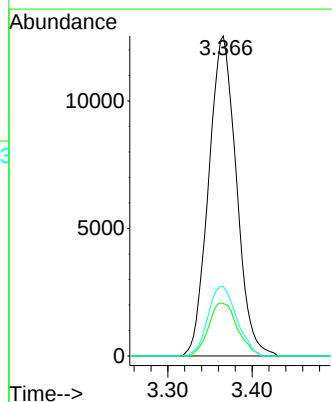
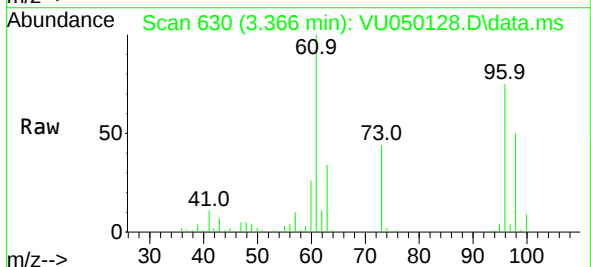
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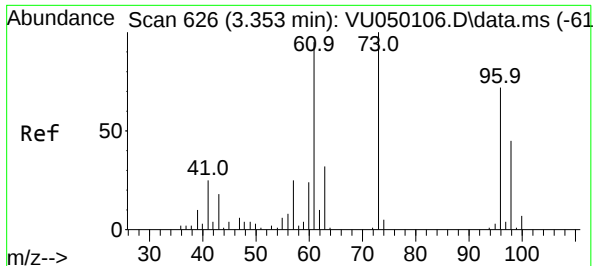
Tgt Ion: 76 Resp: 4361
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



#17
Methyl tert-butyl Ether
Concen: 2.111 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

Tgt Ion: 73 Resp: 28623
Ion Ratio Lower Upper
73 100
43 17.2 13.5 20.3
57 22.6 17.4 26.2

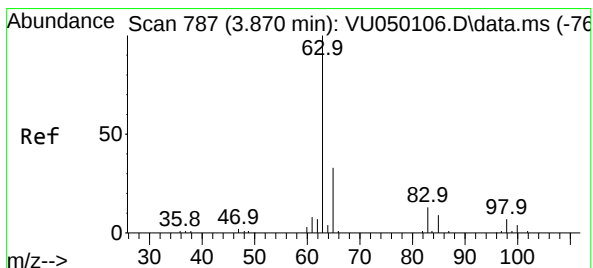
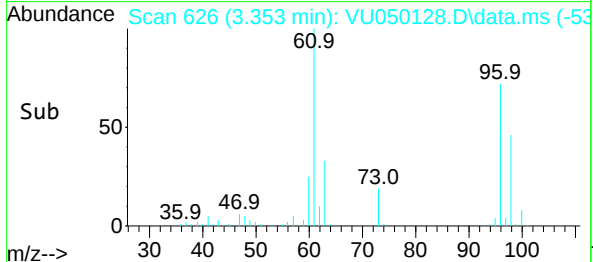
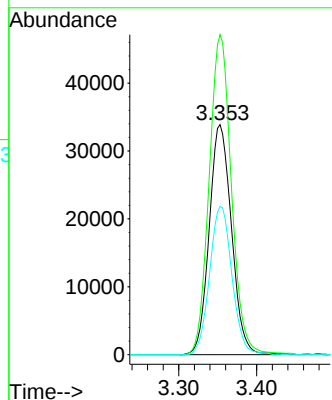
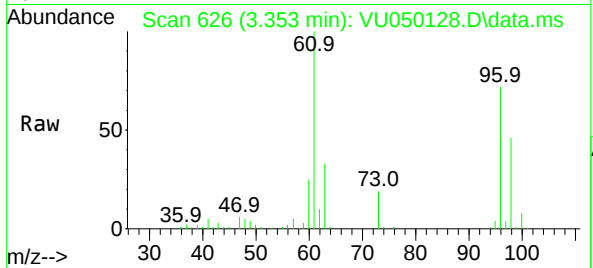




#18
trans-1,2-Dichloroethene
Concen: 11.597 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

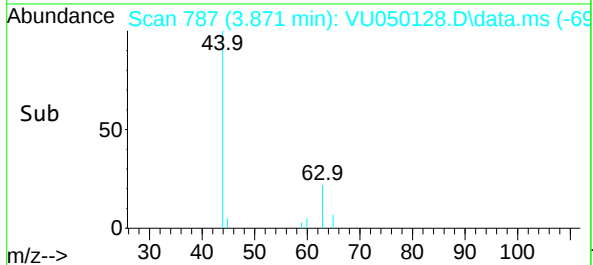
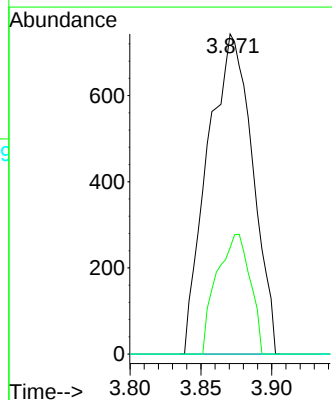
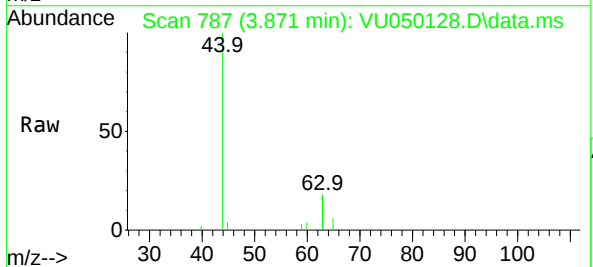
Instrument :
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ClientSampleId :
DBUV1

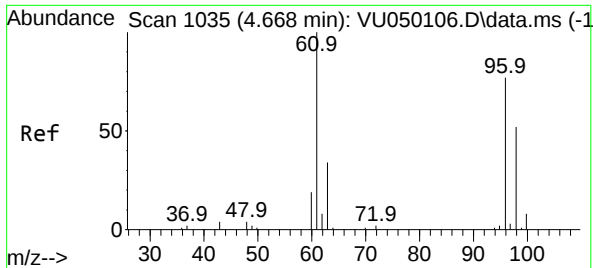
Tgt Ion: 96 Resp: 67447
Ion Ratio Lower Upper
96 100
61 139.1 92.3 171.5
98 64.4 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.149 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.000 min
Lab File: VU050128.D
Acq: 06 Aug 2022 04:59

Tgt Ion: 63 Resp: 1637
Ion Ratio Lower Upper
63 100
65 33.2 22.7 42.3
83 0.0 9.8 18.2#





#22
 cis-1,2-Dichloroethene
 Concen: 1.626 ug/L
 RT: 4.668 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VU050128.D
 Acq: 06 Aug 2022 04:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV1

Tgt Ion: 96	Resp:	10497
Ion	Ratio	Lower Upper
96	100	
61	119.6	89.0 165.4
98	63.1	45.2 84.0

