

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050275.D
 Acq On : 12 Aug 2022 12:24
 Operator : SY/MD
 Sample : N4070-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3

Quant Time: Aug 12 23:15:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

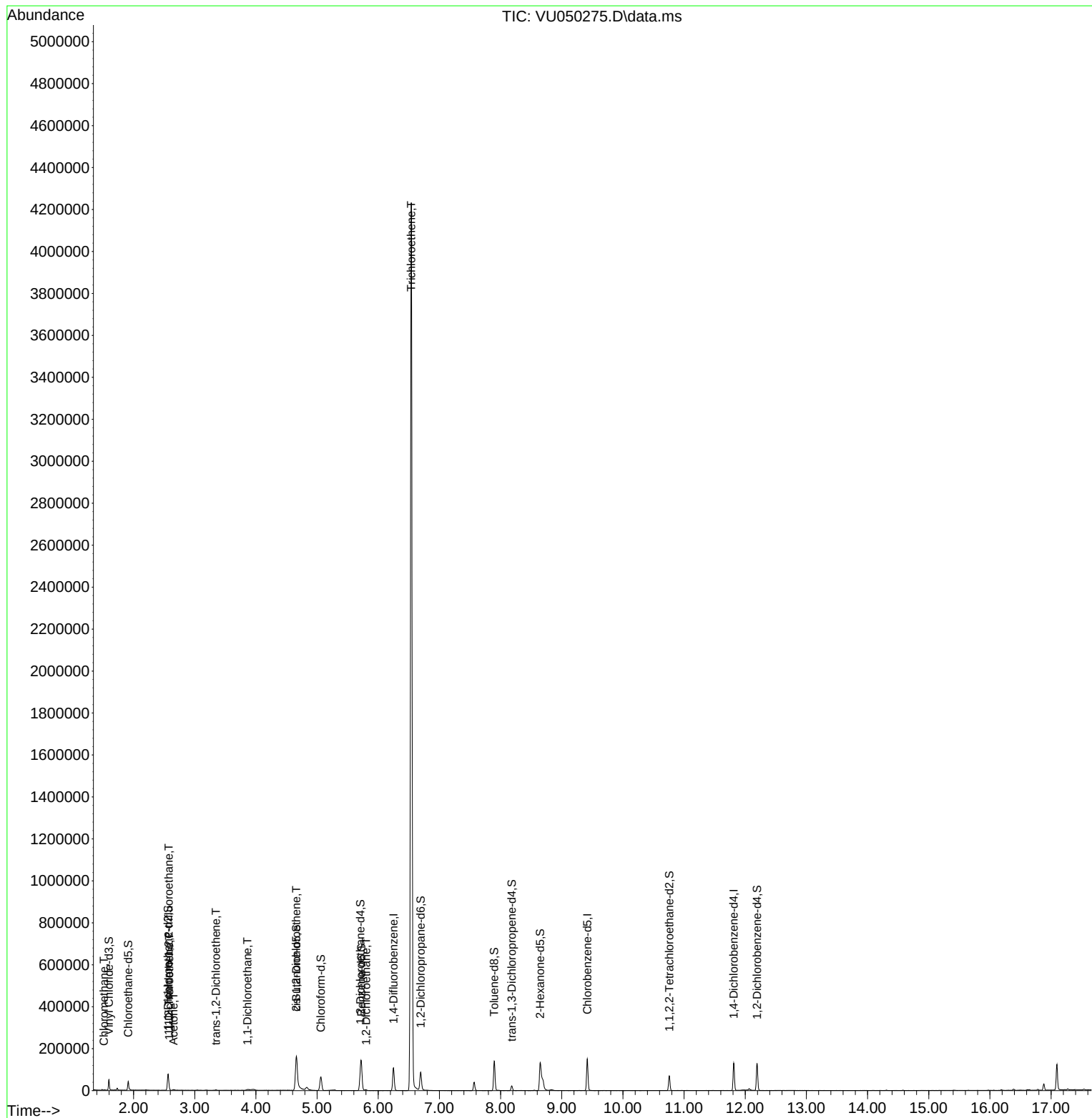
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36036	4.910	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.912	69	29647	5.007	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.562	65	13677	4.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.661	46	96900	54.140	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.280%	
24) Chloroform-d	5.063	84	61958	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.706	65	33584	4.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.722	84	122521	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.693	67	41785	4.722	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.896	98	95821	4.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13692	4.318	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.645	63	42589	37.875	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36791	4.735	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34707	5.042	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1489	0.141	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1642	0.284	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	1887	0.310	ug/L #	1
13) Acetone	2.652	43	4242	4.256	ug/L	76
18) trans-1,2-Dichloroethene	3.346	96	743	0.109	ug/L	94
19) 1,1-Dichloroethane	3.861	63	2422	0.187	ug/L #	85
22) cis-1,2-Dichloroethene	4.661	96	57149	7.543	ug/L	95
27) 1,2-Dichloroethane	5.800	62	3193	0.381	ug/L	97
34) Trichloroethene	6.539	95	1454817	199.383	ug/L	96

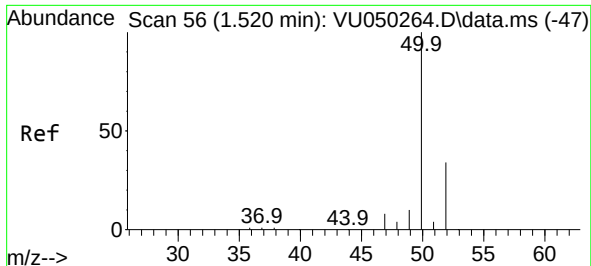
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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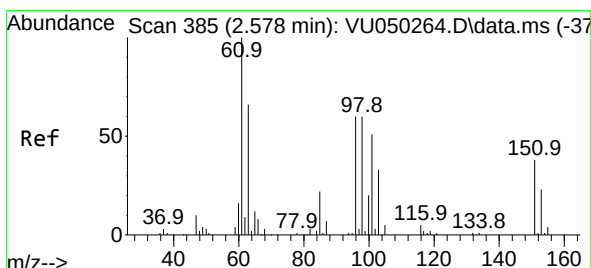
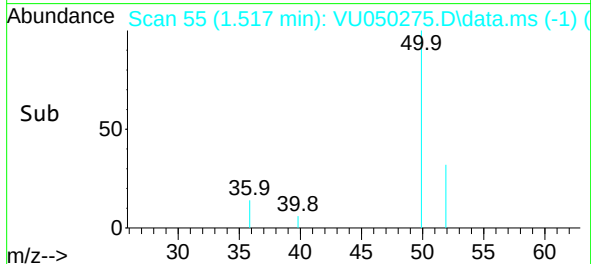
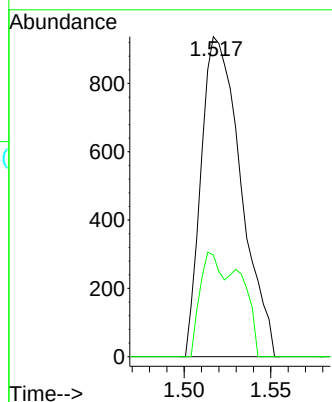
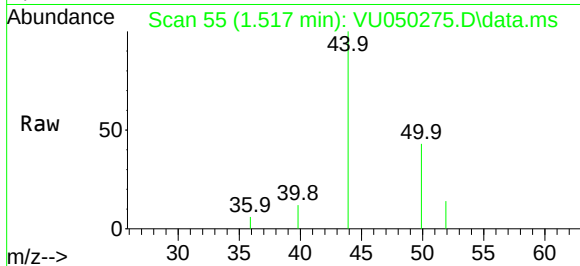




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050275.D
Acq: 12 Aug 2022 12:24

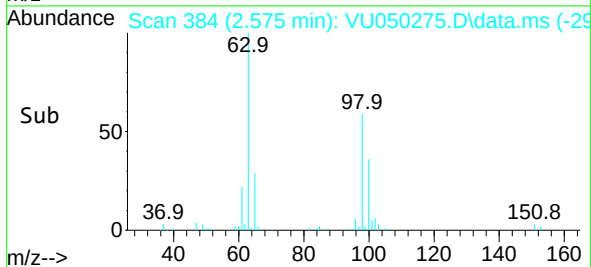
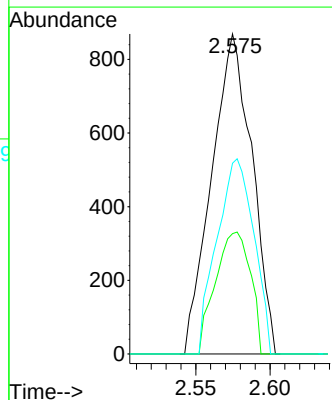
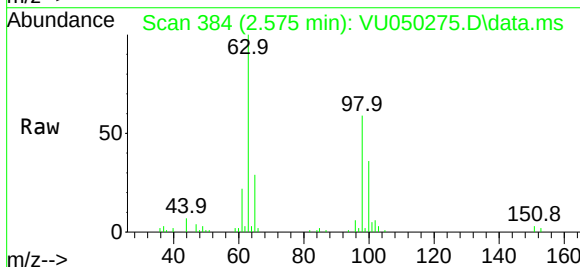
Instrument :
MSVOA_U
ClientSampleId :
GBJL3

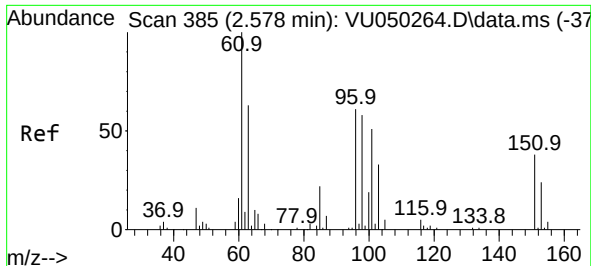
Tgt Ion: 50 Resp: 1489
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.284 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050275.D
Acq: 12 Aug 2022 12:24

Tgt Ion: 101 Resp: 1642
Ion Ratio Lower Upper
101 100
85 33.0 35.6 53.4#
151 55.9 55.2 82.8





#12

1,1-Dichloroethene

Concen: 0.310 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050275.D

Acq: 12 Aug 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

GBJL3

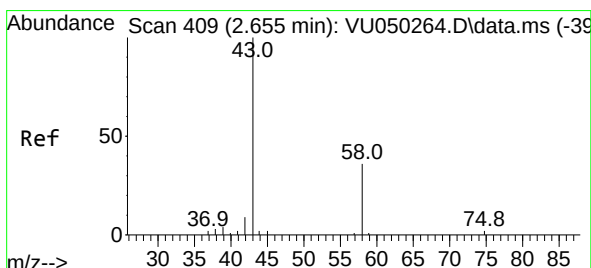
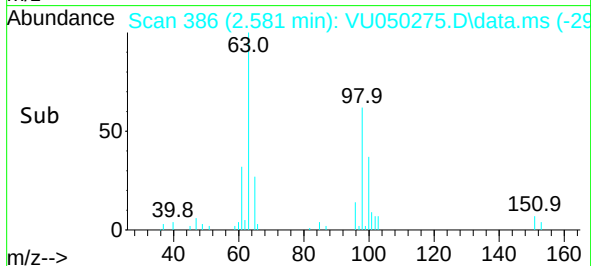
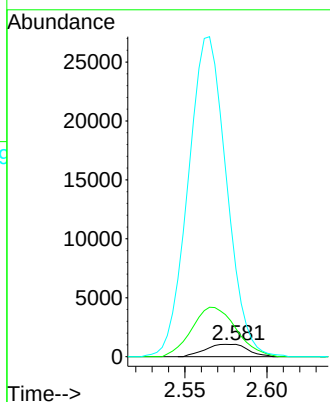
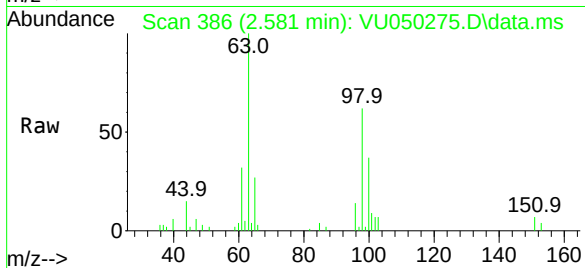
Tgt Ion: 96 Resp: 1887

Ion Ratio Lower Upper

96 100

61 228.3 122.7 227.9#

63 711.6 85.1 158.1#



#13

Acetone

Concen: 4.256 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU050275.D

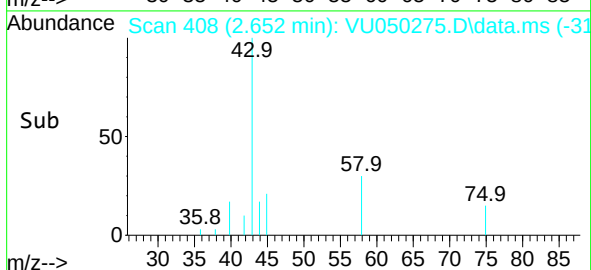
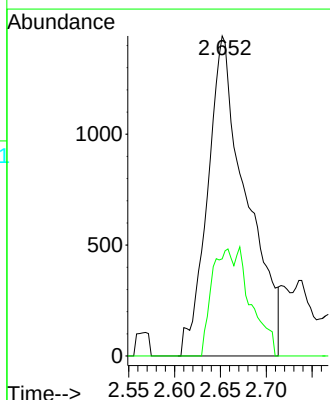
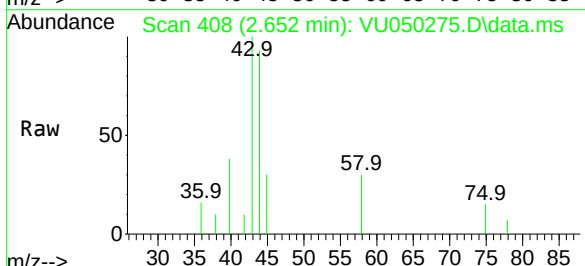
Acq: 12 Aug 2022 12:24

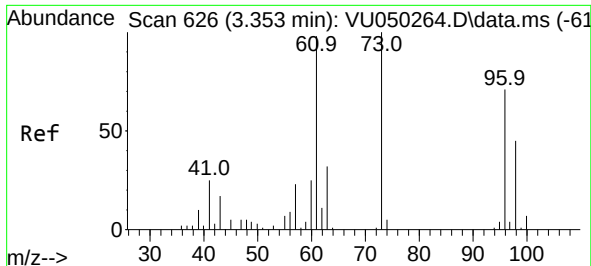
Tgt Ion: 43 Resp: 4242

Ion Ratio Lower Upper

43 100

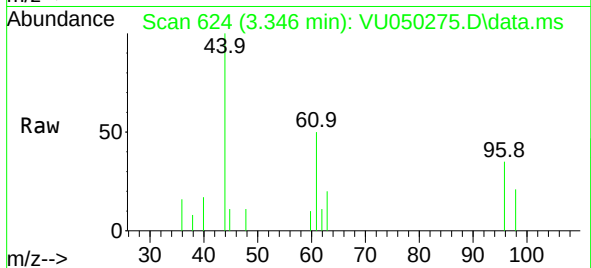
58 18.7 0.0 64.0



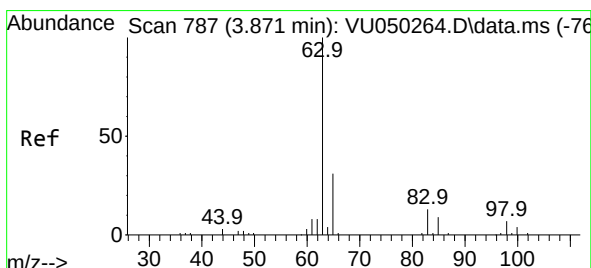
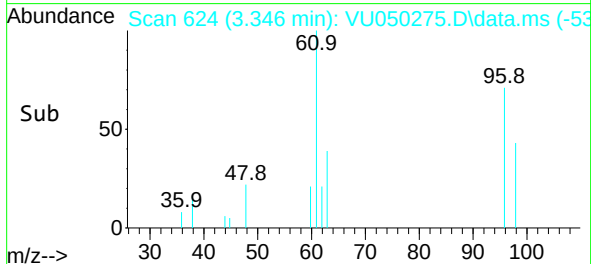
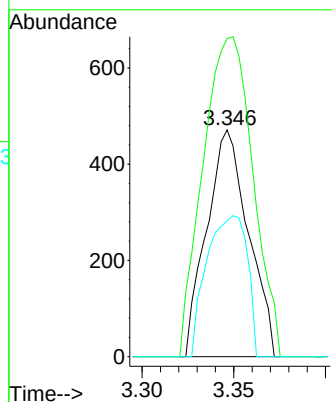


#18
trans-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU050275.D
Acq: 12 Aug 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
GBJL3

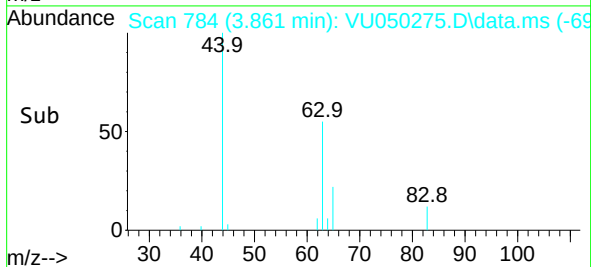
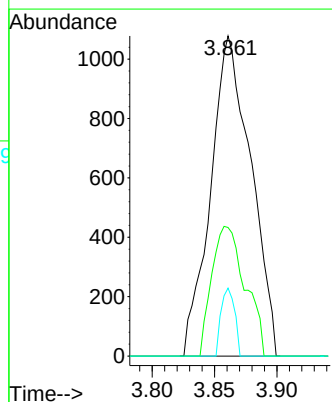
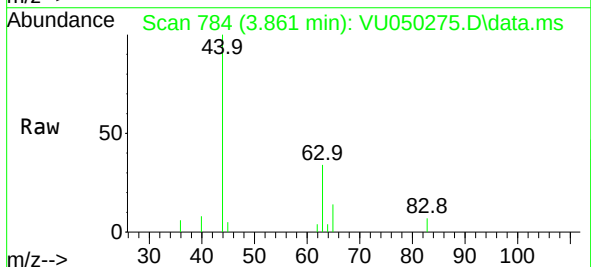


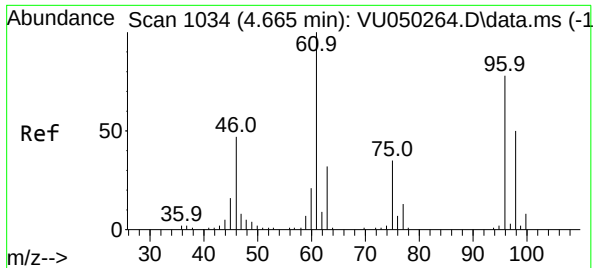
Tgt Ion: 96 Resp: 743
Ion Ratio Lower Upper
96 100
61 140.3 92.3 171.5
98 59.9 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.187 ug/L
RT: 3.861 min Scan# 784
Delta R.T. -0.010 min
Lab File: VU050275.D
Acq: 12 Aug 2022 12:24

Tgt Ion: 63 Resp: 2422
Ion Ratio Lower Upper
63 100
65 40.2 22.7 42.3
83 21.2 9.8 18.2#

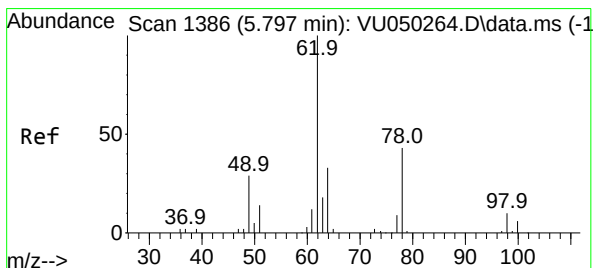
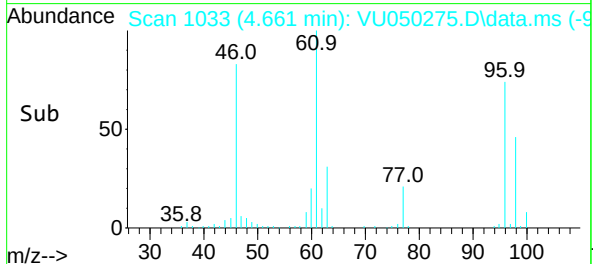
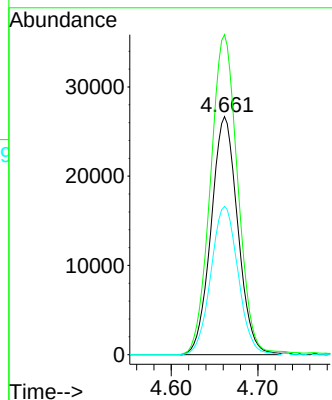
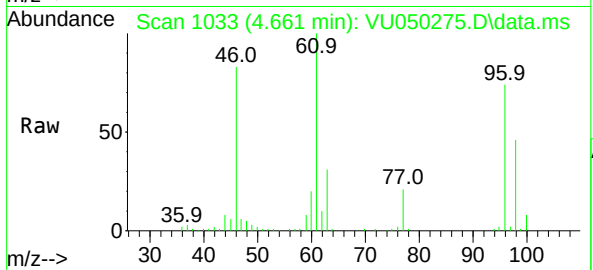




#22
 cis-1,2-Dichloroethene
 Concen: 7.543 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU050275.D
 Acq: 12 Aug 2022 12:24

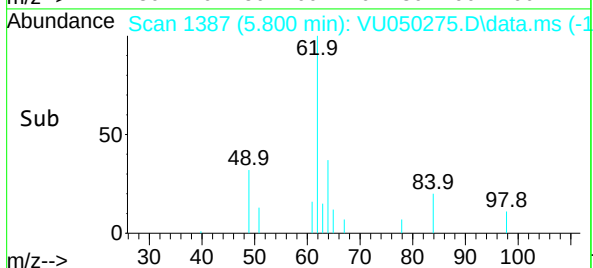
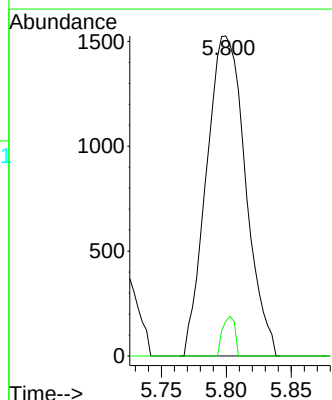
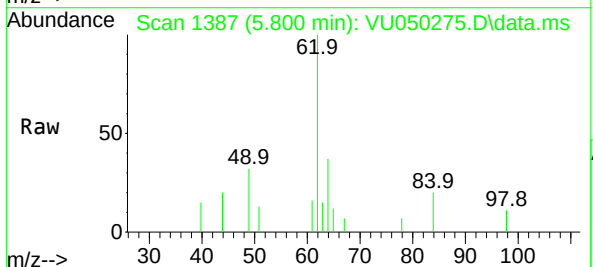
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3

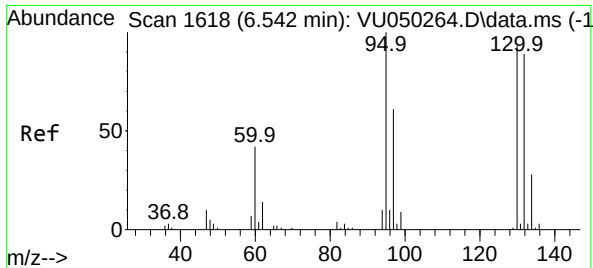
Tgt Ion: 96 Resp: 57149
 Ion Ratio Lower Upper
 96 100
 61 134.4 89.0 165.4
 98 62.2 45.2 84.0



#27
 1,2-Dichloroethane
 Concen: 0.381 ug/L
 RT: 5.800 min Scan# 1387
 Delta R.T. 0.003 min
 Lab File: VU050275.D
 Acq: 12 Aug 2022 12:24

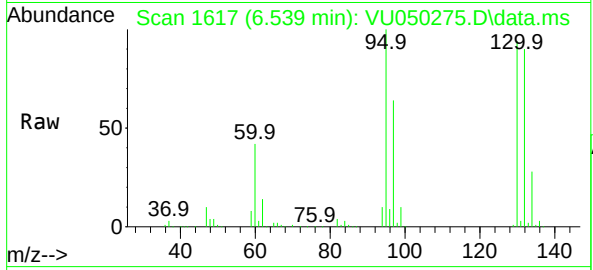
Tgt Ion: 62 Resp: 3193
 Ion Ratio Lower Upper
 62 100
 98 10.8 7.8 11.8





#34
 Trichloroethene
 Concen: 199.383 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU050275.D
 Acq: 12 Aug 2022 12:24

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 95 Resp: 1454817

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.6	84.8
132	89.7	65.0	120.6
130	93.5	69.3	128.7

