

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051711.D
 Acq On : 03 Nov 2022 00:09
 Operator : JC/MD
 Sample : N5301-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

Quant Time: Nov 03 04:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

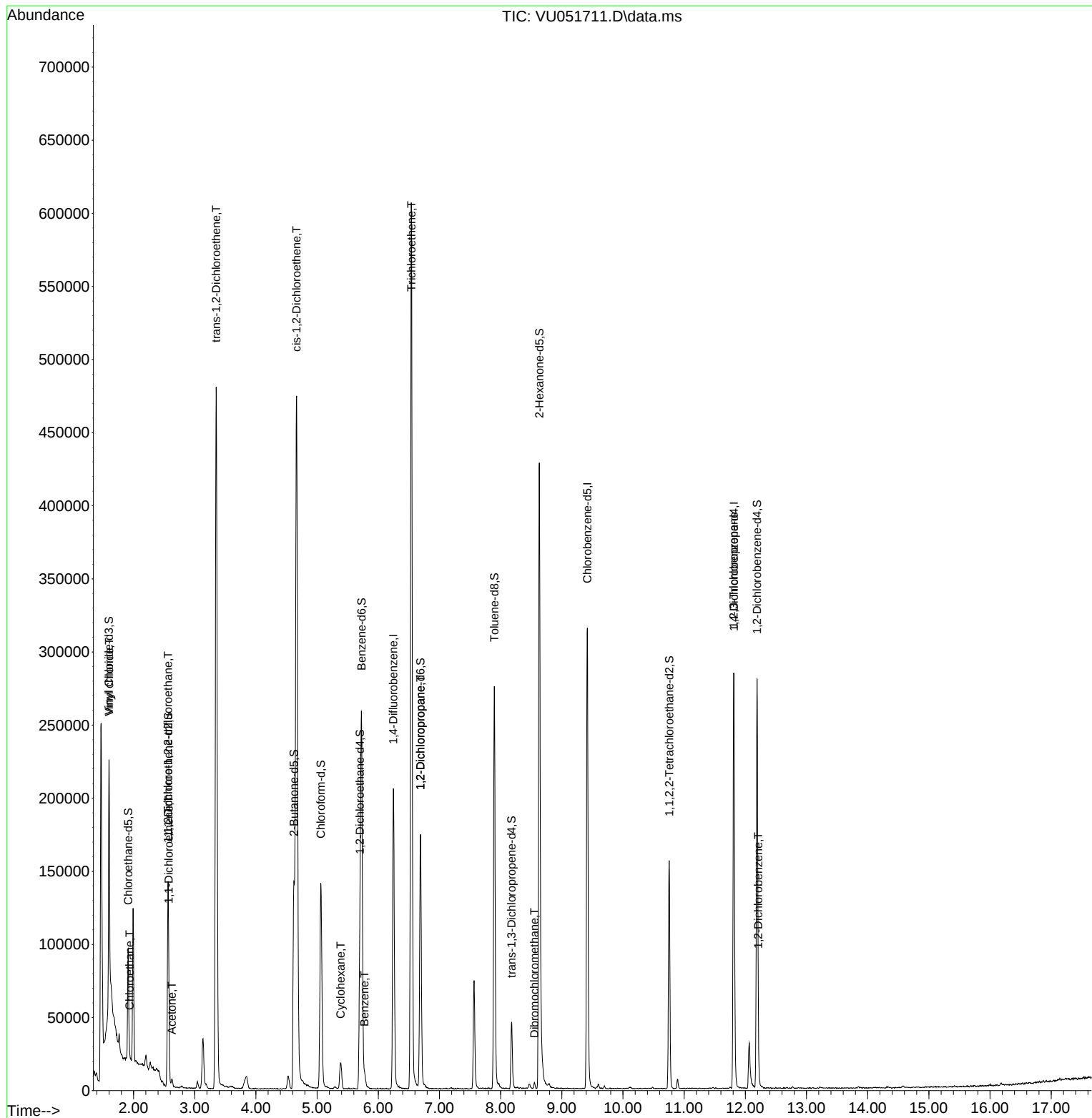
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	80905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	62647	4.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.913	69	58959	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.565	65	25162	5.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	4.620	46	196934	42.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.460%
24) Chloroform-d	5.061	84	133667	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.700	65	68994	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.726	84	250589	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.691	67	86491	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.896	98	193541	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.179	79	27183	4.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.633	63	143748	37.997	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81761	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	78259	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	31076	1.376	ug/L #	1
8) Chloroethane	1.938	64	2023	0.148	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	744	0.051	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	6842	0.460	ug/L #	1
13) Acetone	2.627	43	6946	2.936	ug/L	88
18) trans-1,2-Dichloroethene	3.350	96	211947	13.288	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	253924	14.387	ug/L	99
30) Cyclohexane	5.382	56	8033	0.345	ug/L	99
33) Benzene	5.774	78	6781	0.092	ug/L	100
34) Trichloroethene	6.540	95	212426	11.975	ug/L	99
37) 1,2-Dichloropropane	6.691	63	9079	0.480	ug/L #	88
49) Dibromochloromethane	8.552	129	848	0.054	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10303	0.985	ug/L #	65
67) 1,2-Dichlorobenzene	12.211	146	2487	0.087	ug/L	97

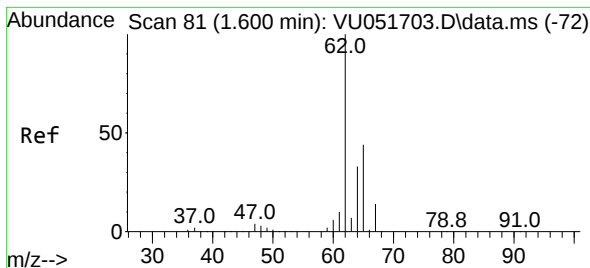
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 03 03:06:09 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.376 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

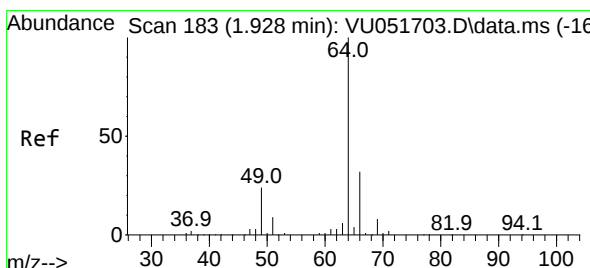
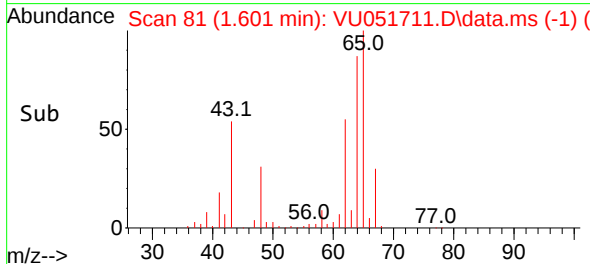
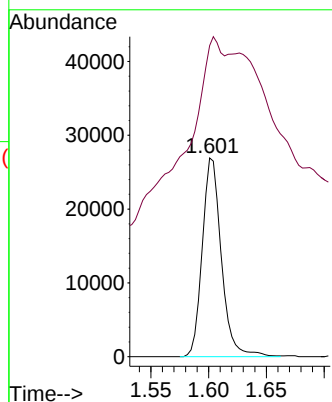
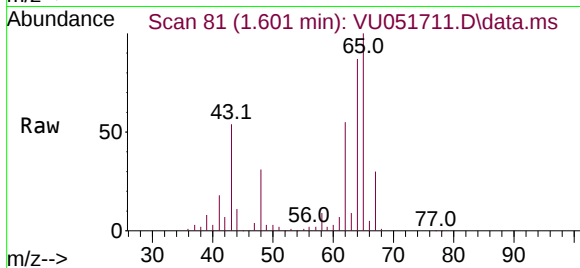
DBWM4

Tgt Ion: 62 Resp: 31076

Ion Ratio Lower Upper

62 100

64 156.5 22.1 41.1#



#8

Chloroethane

Concen: 0.148 ug/L

RT: 1.938 min Scan# 186

Delta R.T. 0.010 min

Lab File: VU051711.D

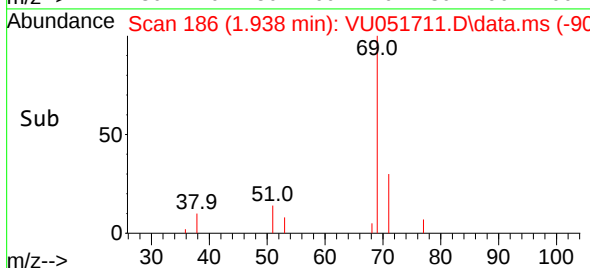
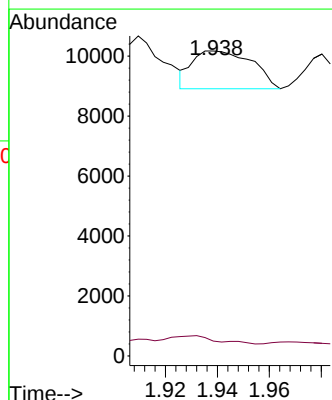
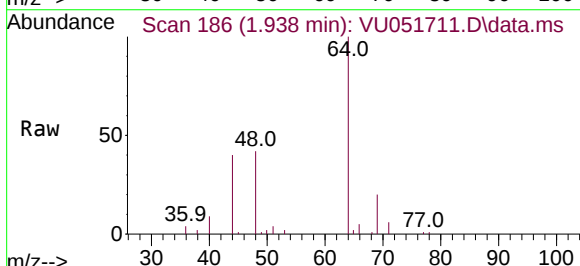
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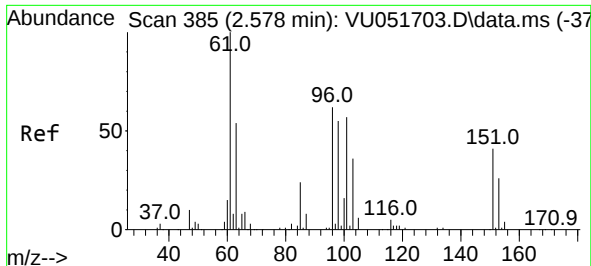
Tgt Ion: 64 Resp: 2023

Ion Ratio Lower Upper

64 100

66 4.9 22.3 41.5#

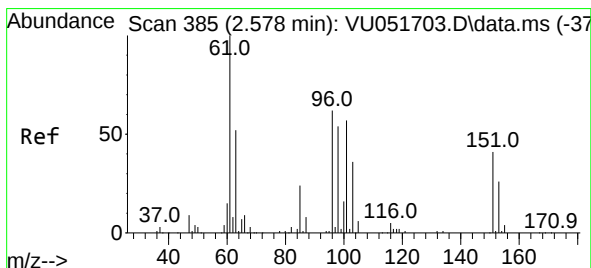
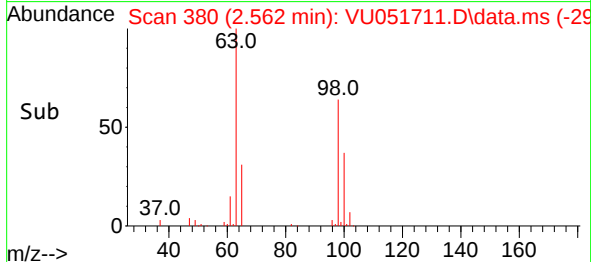
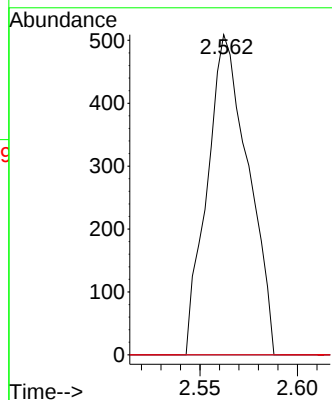
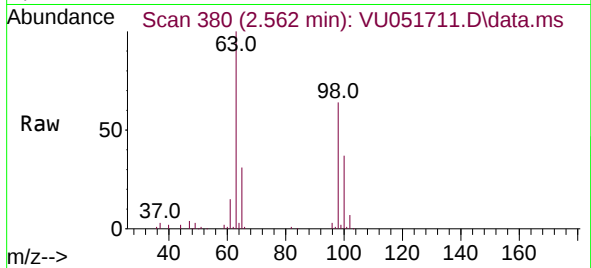




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.562 min Scan# 385
 Delta R.T. -0.016 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

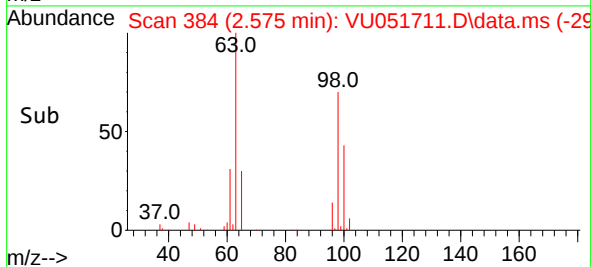
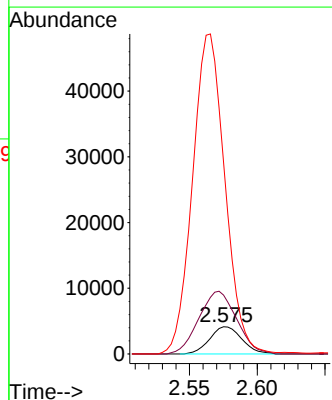
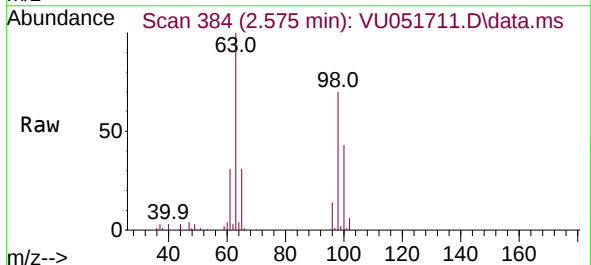
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

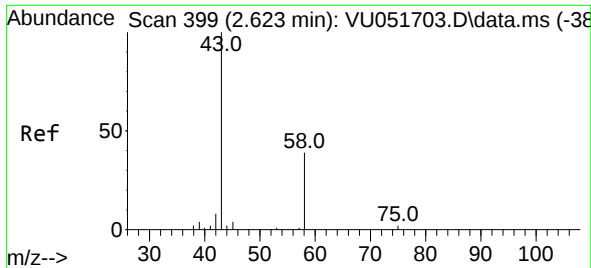
Tgt Ion:101 Resp: 744
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 0.460 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

Tgt Ion: 96 Resp: 6842
 Ion Ratio Lower Upper
 96 100
 61 216.3 108.8 202.0#
 63 704.7 64.9 120.5#





#13

Acetone

Concen: 2.936 ug/L

RT: 2.627 min Scan# 400

Delta R.T. 0.004 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

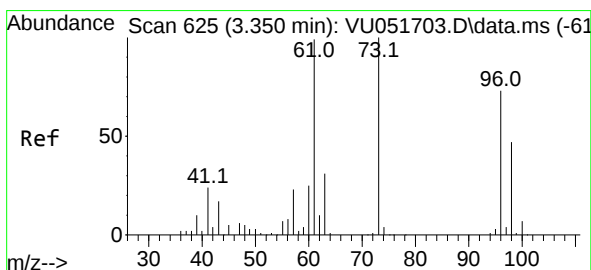
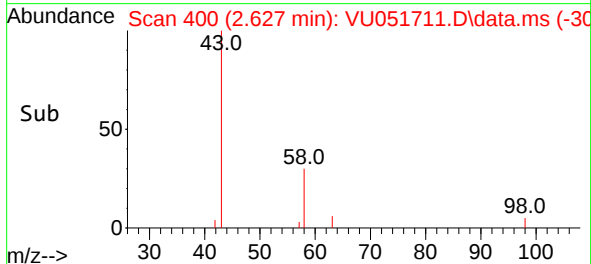
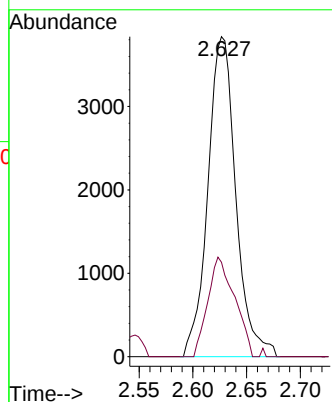
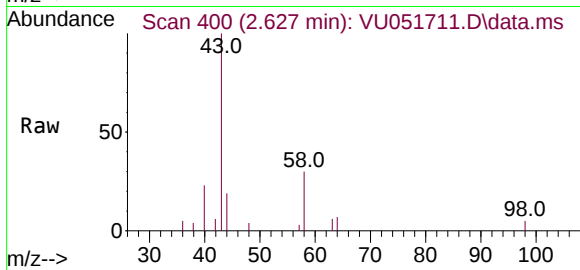
DBWM4

Tgt Ion: 43 Resp: 6946

Ion Ratio Lower Upper

43 100

58 29.8 0.0 73.8



#18

trans-1,2-Dichloroethene

Concen: 13.288 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

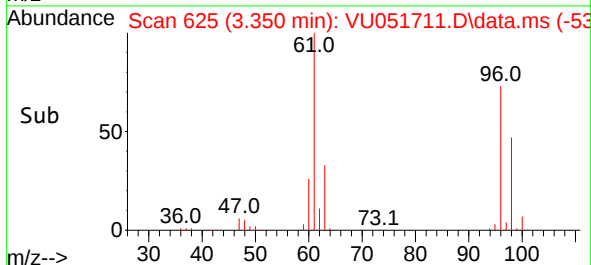
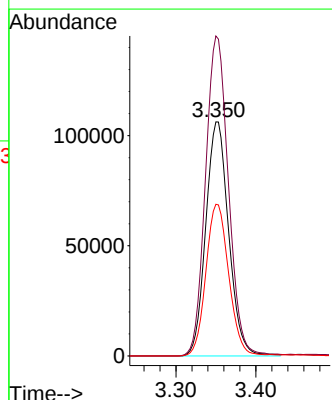
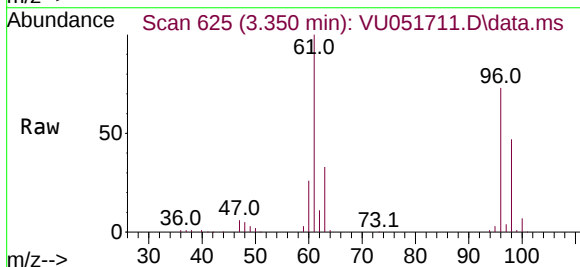
Tgt Ion: 96 Resp: 211947

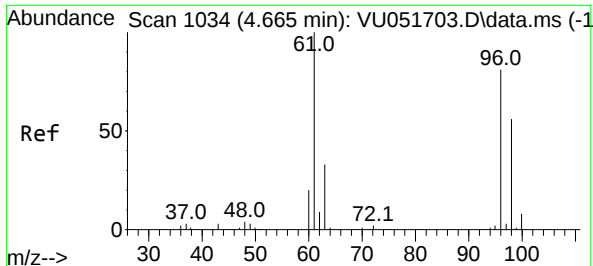
Ion Ratio Lower Upper

96 100

61 136.7 94.7 175.9

98 64.8 44.2 82.0



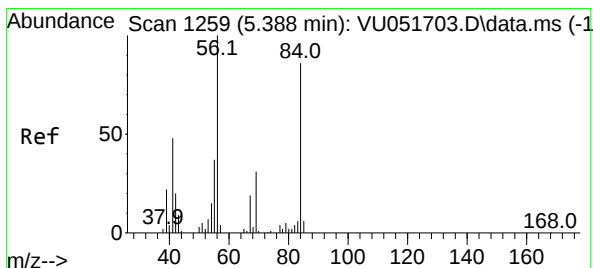
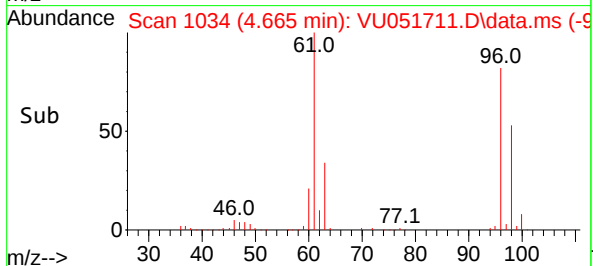
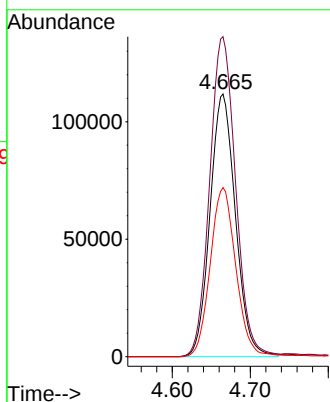
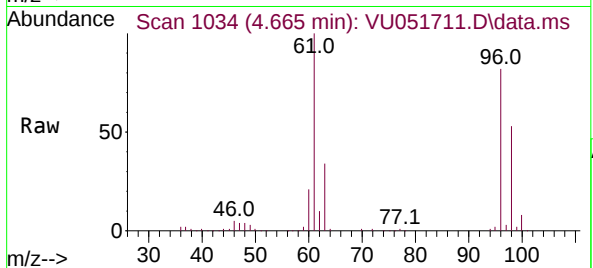


#22
 cis-1,2-Dichloroethene
 Concen: 14.387 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWM4

Tgt Ion: 96 Resp: 253924

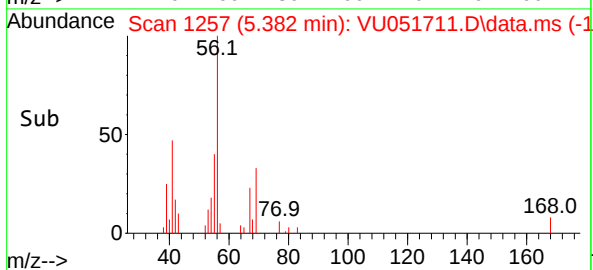
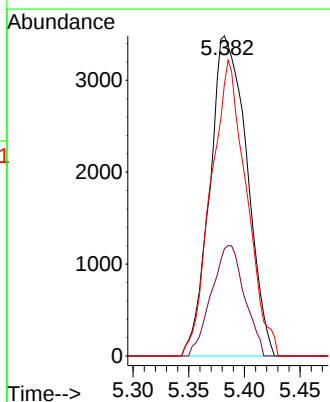
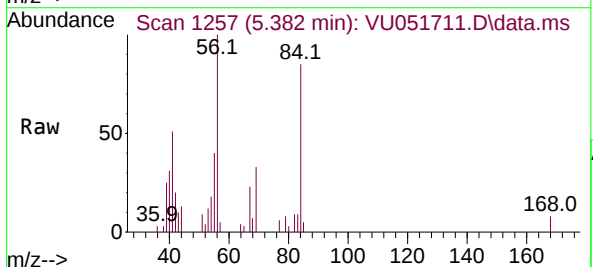
Ion	Ratio	Lower	Upper
96	100		
61	121.8	86.4	160.4
98	64.4	44.2	82.2

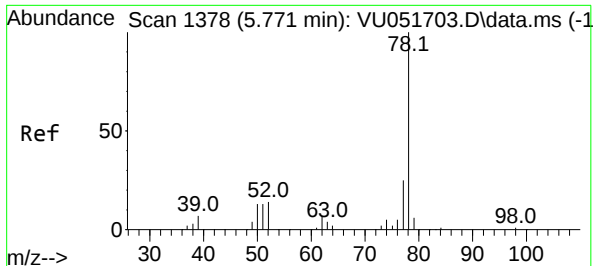


#30
 Cyclohexane
 Concen: 0.345 ug/L
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.006 min
 Lab File: VU051711.D
 Acq: 03 Nov 2022 00:09

Tgt Ion: 56 Resp: 8033

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.4	38.0
84	88.6	71.4	107.0

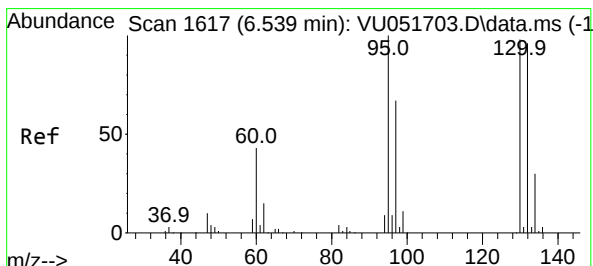
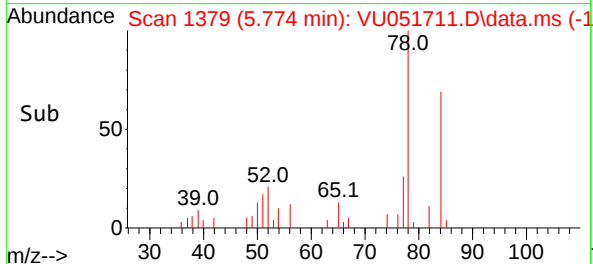
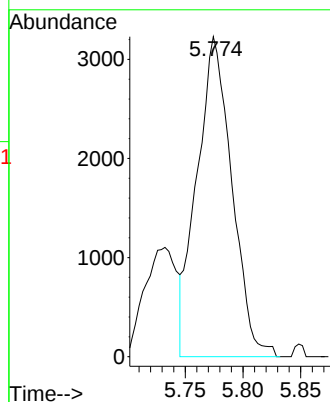
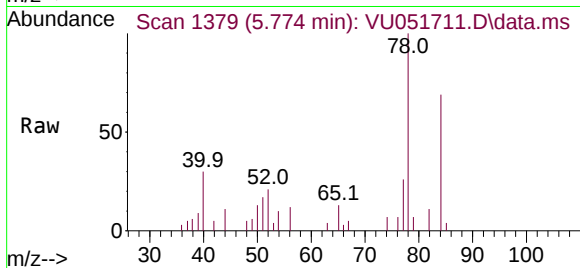




#33
Benzene
Concen: 0.092 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.004 min
Lab File: VU051711.D
Acq: 03 Nov 2022 00:09

Instrument :
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ClientSampleId :
DBWM4

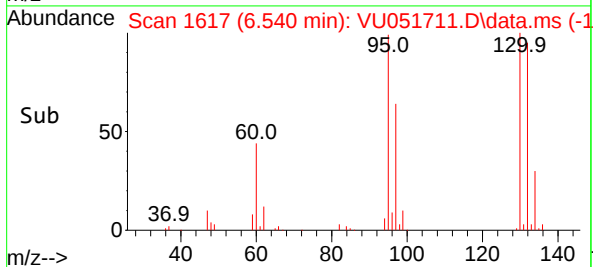
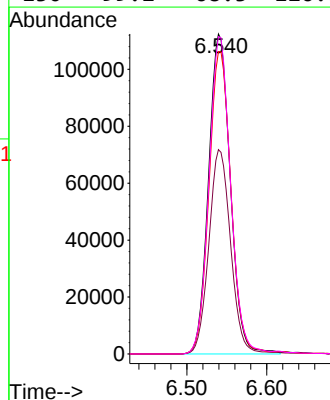
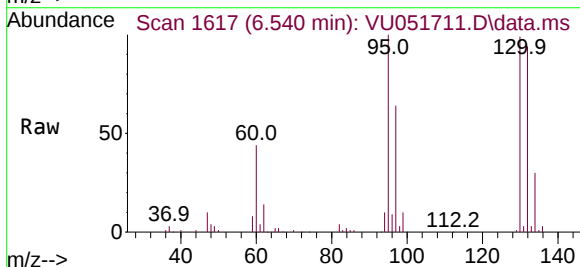
Tgt Ion: 78 Resp: 6781

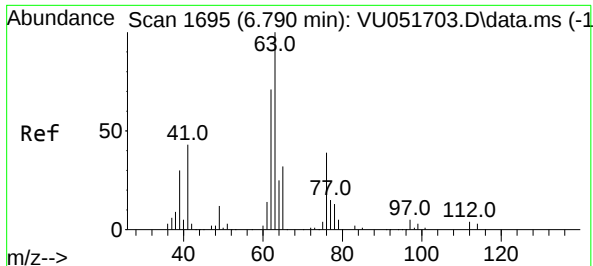


#34
Trichloroethene
Concen: 11.975 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051711.D
Acq: 03 Nov 2022 00:09

Tgt Ion: 95 Resp: 212426

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	94.5	66.5	123.5
130	99.2	68.3	126.8





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU051711.D

Acq: 03 Nov 2022 00:09

Instrument :

MSVOA_U

ClientSampleId :

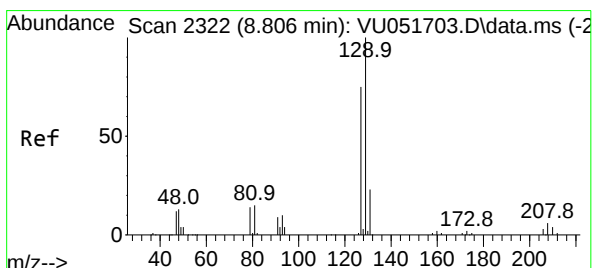
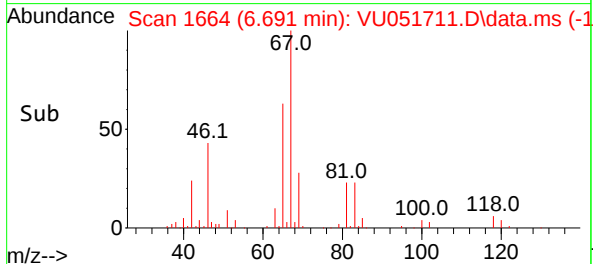
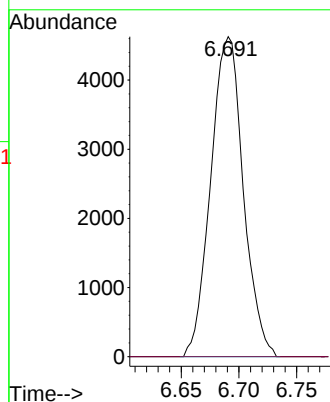
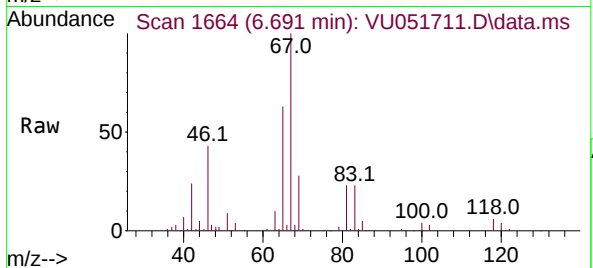
DBWM4

Tgt Ion: 63 Resp: 9079

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#49

Dibromochloromethane

Concen: 0.054 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051711.D

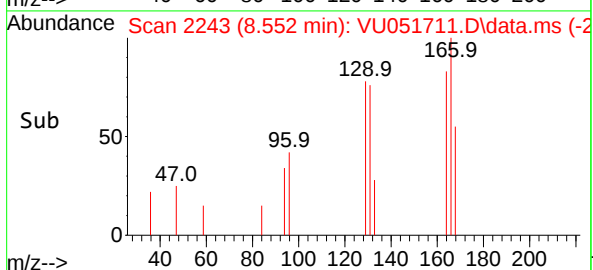
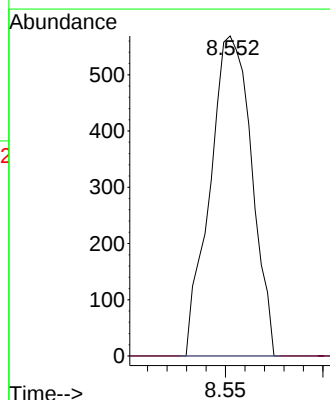
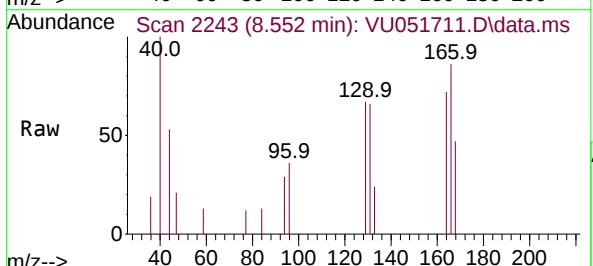
Acq: 03 Nov 2022 00:09

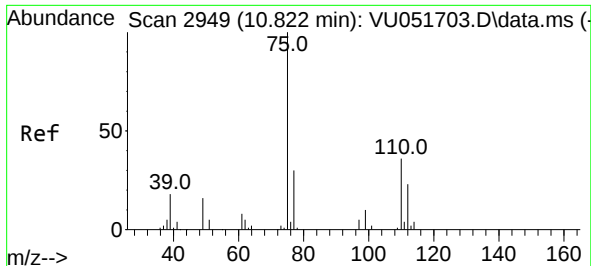
Tgt Ion: 129 Resp: 848

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

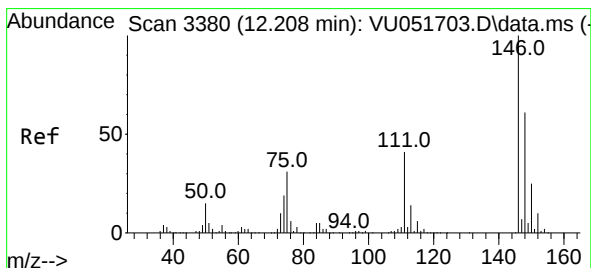
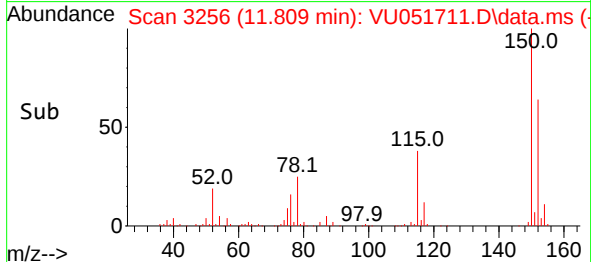
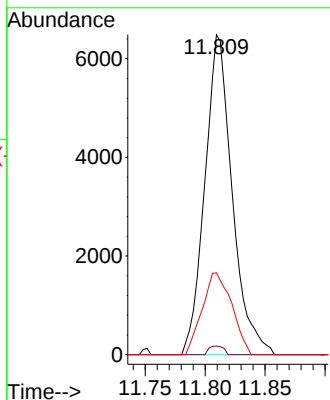
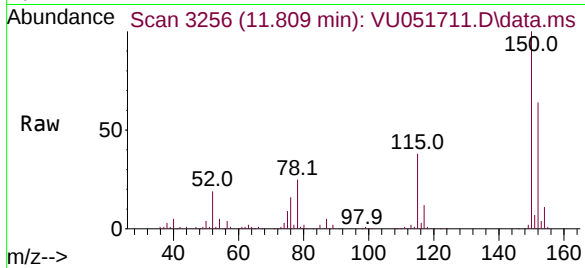




#61
1,2,3-Trichloropropane
Concen: 0.985 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.988 min
Lab File: VU051711.D
Acq: 03 Nov 2022 00:09

Instrument :
MSVOA_U
ClientSampleId :
DBWM4

Tgt Ion: 75 Resp: 10303
Ion Ratio Lower Upper
75 100
110 1.4 28.7 43.1#
77 27.6 26.1 39.1



#67
1,2-Dichlorobenzene
Concen: 0.087 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU051711.D
Acq: 03 Nov 2022 00:09

Tgt Ion:146 Resp: 2487
Ion Ratio Lower Upper
146 100
111 45.2 34.2 51.2
148 61.4 50.1 75.1

