

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051396.D
 Acq On : 12 Oct 2022 17:19
 Operator : JC/MD
 Sample : N5041-05DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK115

Quant Time: Oct 13 01:41:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

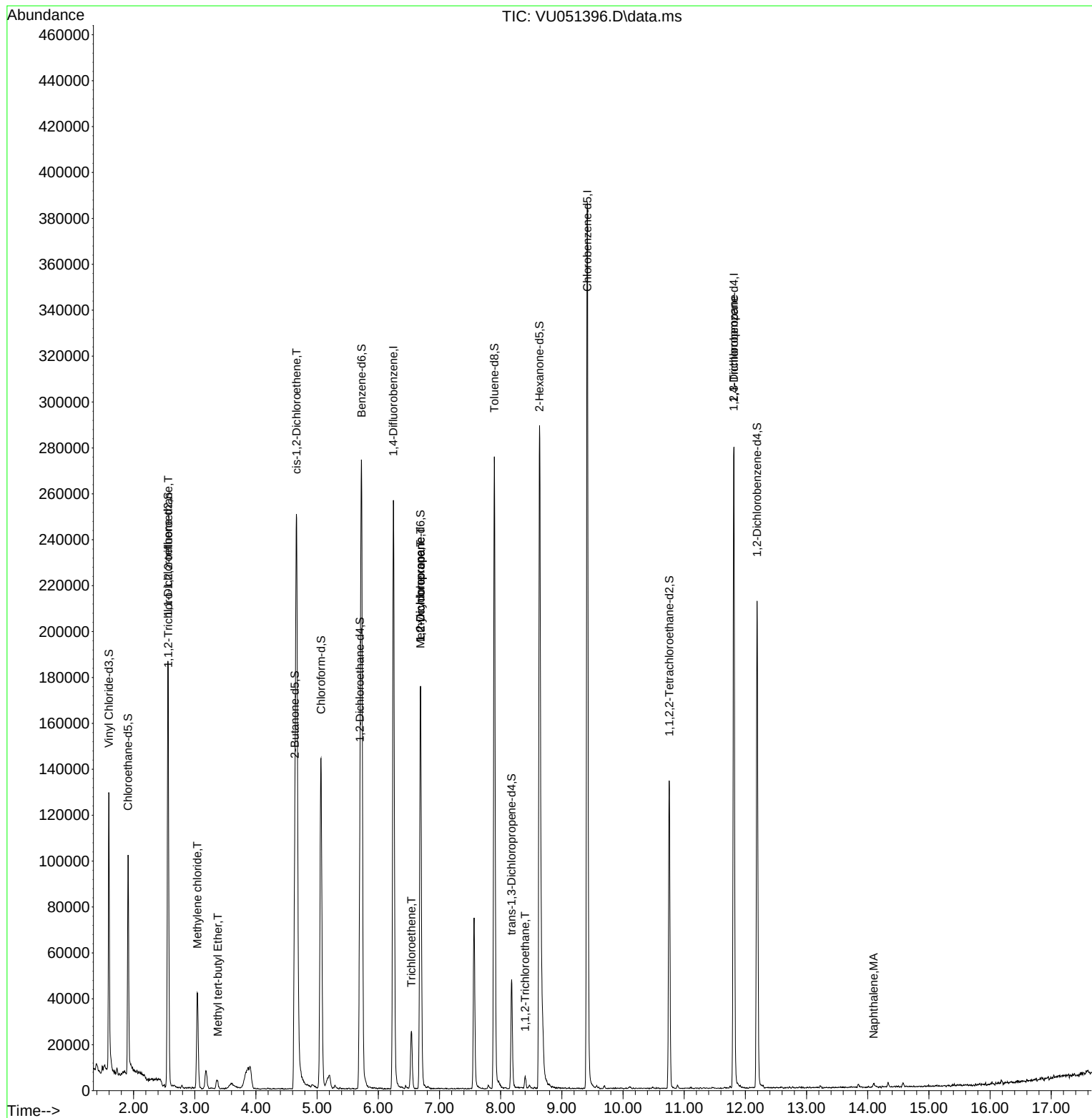
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	205644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	96610	5.824	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.400%	
7) Chloroethane-d5	1.909	69	70262	4.930	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.562	65	34699	5.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.800%	
20) 2-Butanone-d5	4.636	46	157038	42.999	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.000%	
24) Chloroform-d	5.063	84	136316	4.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.700	65	72798	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.726	84	257938	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.690	67	89808	4.419	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.896	98	189080	3.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.179	79	27123	4.062	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.632	63	85013	37.777	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.560%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67865	4.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	57220	4.394	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1137	0.071	ug/L #	21
16) Methylene chloride	3.041	84	20515	0.926	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	3705	0.108	ug/L #	61
22) cis-1,2-Dichloroethene	4.665	96	105891	6.059	ug/L	96
34) Trichloroethene	6.542	95	9280	0.512	ug/L	94
35) Methylcyclohexane	6.687	83	20016	0.876	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9094	0.457	ug/L #	88
45) 1,1,2-Trichloroethane	8.401	97	1753	0.125	ug/L	96
61) 1,2,3-Trichloropropane	11.809	75	9523	1.007	ug/L #	70
71) Naphthalene	14.095	128	2344	0.110	ug/L #	87

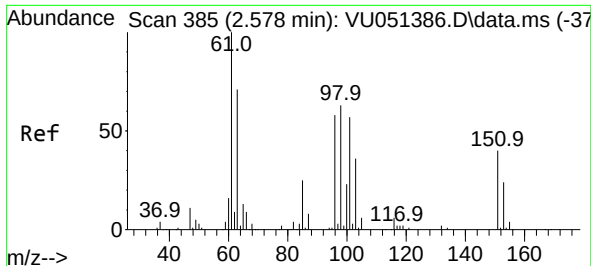
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
Data File : VU051396.D
Acq On : 12 Oct 2022 17:19
Operator : JC/MD
Sample : N5041-05DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK115

Quant Time: Oct 13 01:41:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 13 01:37:29 2022
Response via : Initial Calibration

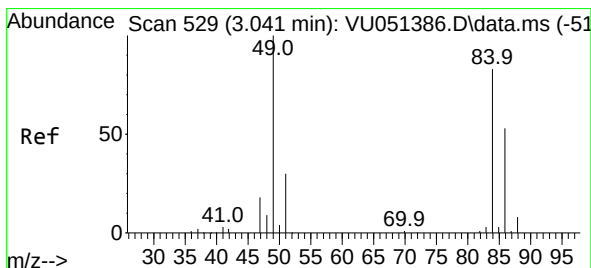
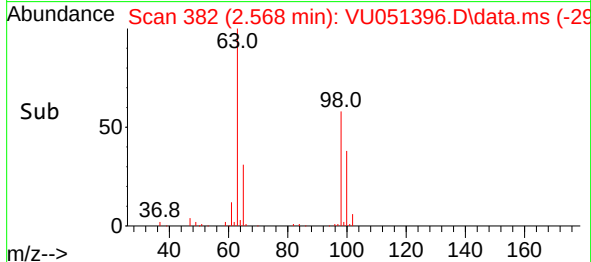
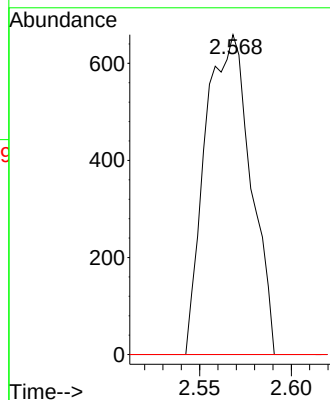
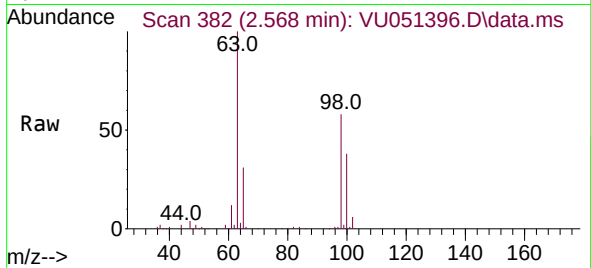




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.568 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

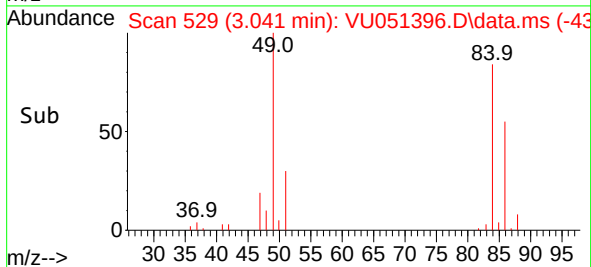
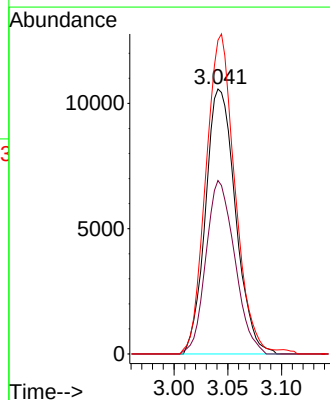
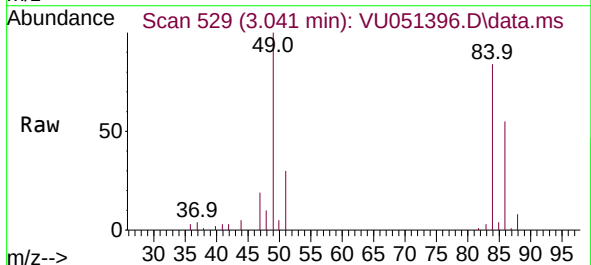
Instrument :
MSVOA_U
ClientSampleId :
VBLK115

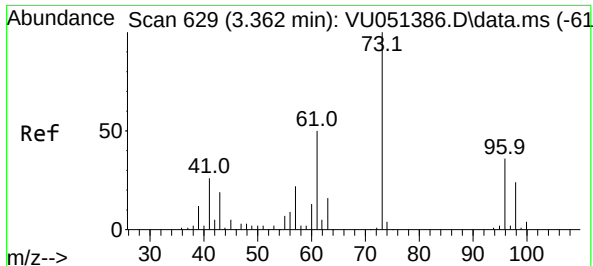
Tgt Ion:101 Resp: 1137
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.926 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Tgt Ion: 84 Resp: 20515
Ion Ratio Lower Upper
84 100
86 65.4 46.5 86.3
49 118.4 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 0.108 ug/L

RT: 3.375 min Scan# 61

Delta R.T. 0.013 min

Lab File: VU051396.D

Acq: 12 Oct 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK115

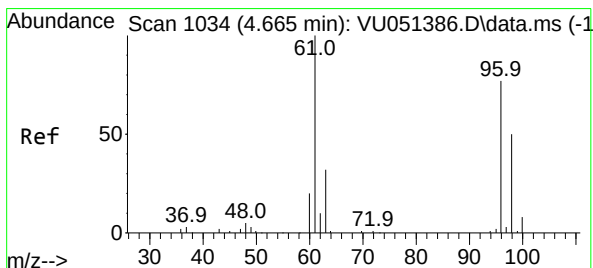
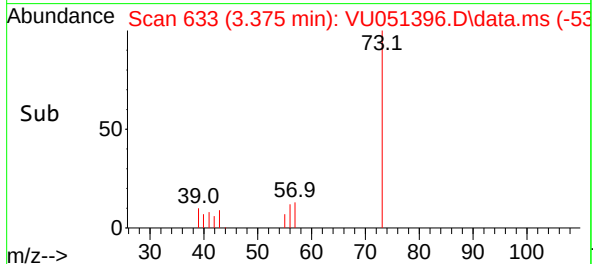
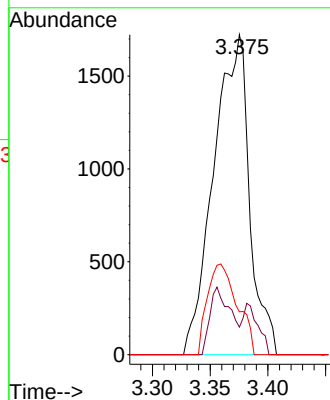
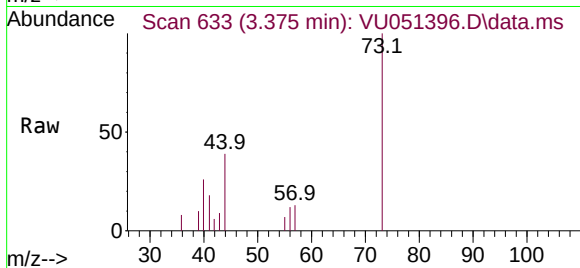
Tgt Ion: 73 Resp: 3705

Ion Ratio Lower Upper

73 100

43 6.7 15.4 23.0#

57 0.0 18.9 28.3#



#22

cis-1,2-Dichloroethene

Concen: 6.059 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051396.D

Acq: 12 Oct 2022 17:19

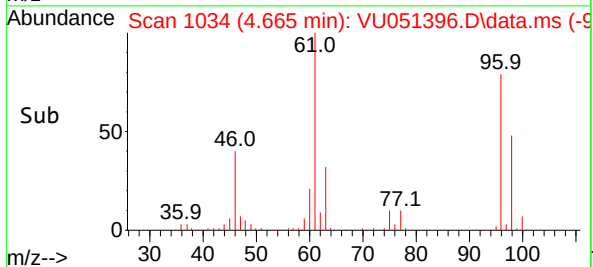
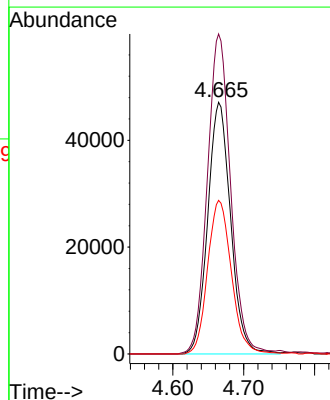
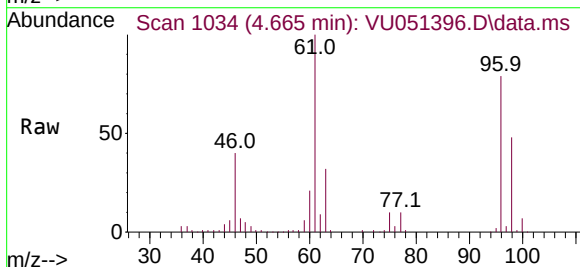
Tgt Ion: 96 Resp: 105891

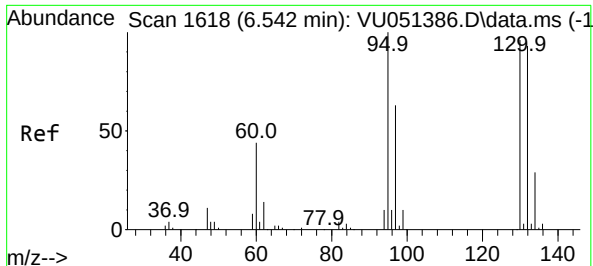
Ion Ratio Lower Upper

96 100

61 127.1 90.6 168.2

98 61.1 47.5 88.3



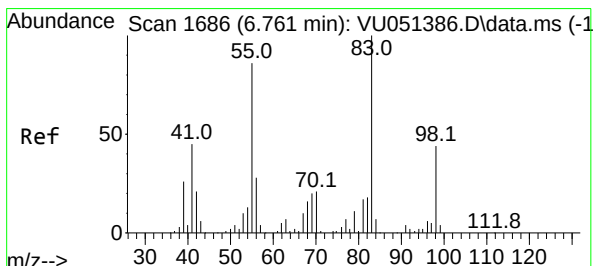
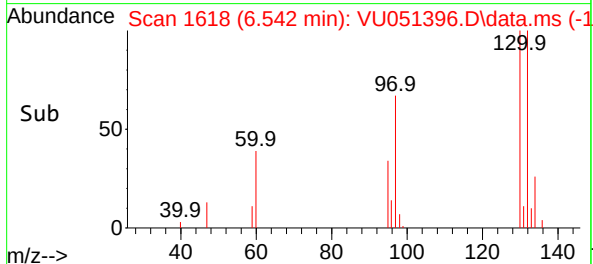
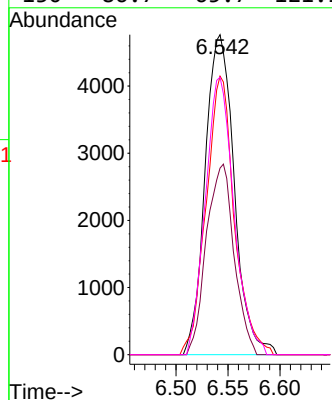
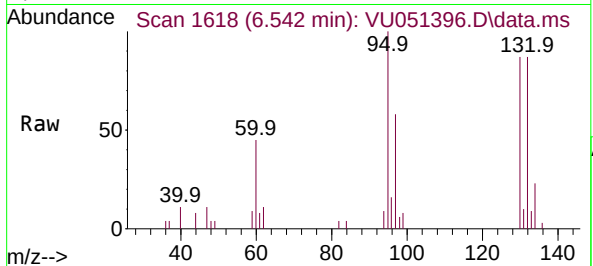


#34
Trichloroethene
Concen: 0.512 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK115

Tgt Ion: 95 Resp: 9280

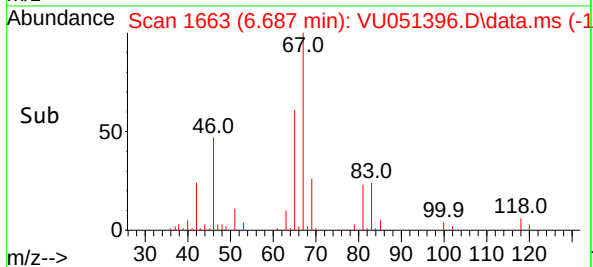
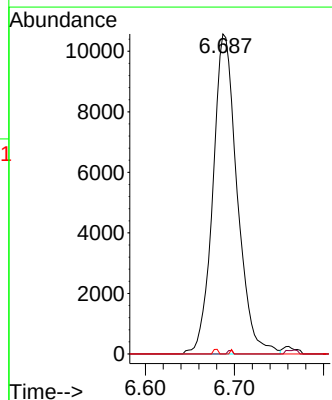
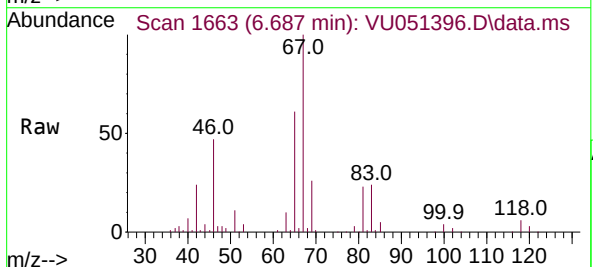
Ion	Ratio	Lower	Upper
95	100		
97	58.3	45.4	84.2
132	87.1	63.1	117.3
130	86.7	65.7	121.9

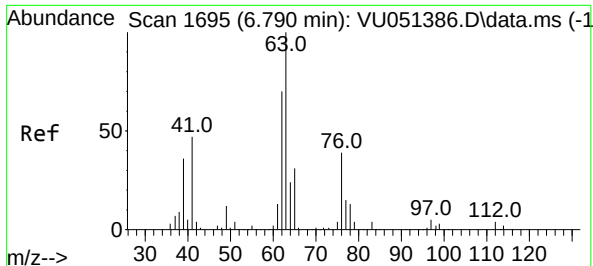


#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Tgt Ion: 83 Resp: 20016

Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.8	98.6#
98	0.3	35.9	53.9#

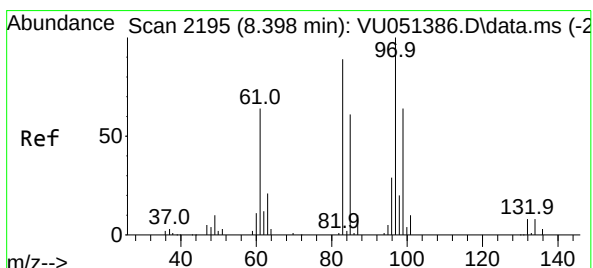
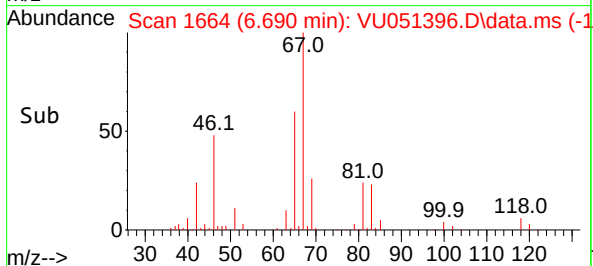
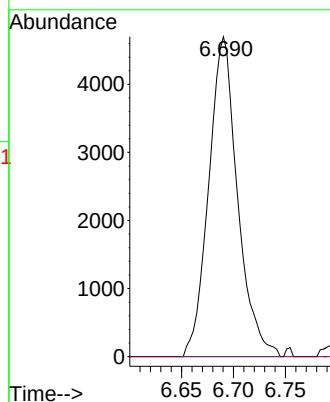
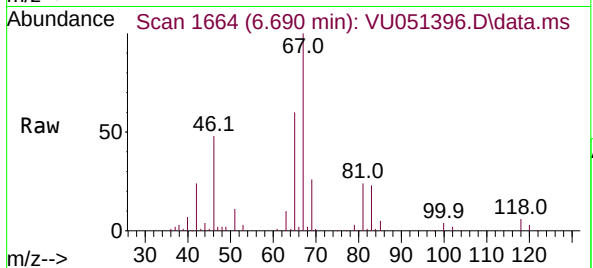




#37
1,2-Dichloropropane
Concen: 0.457 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

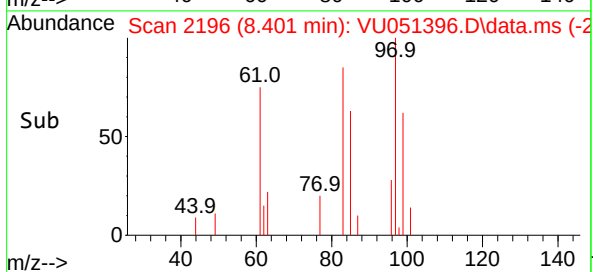
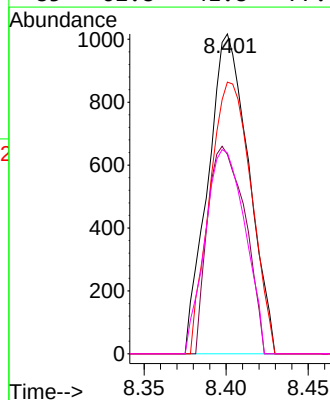
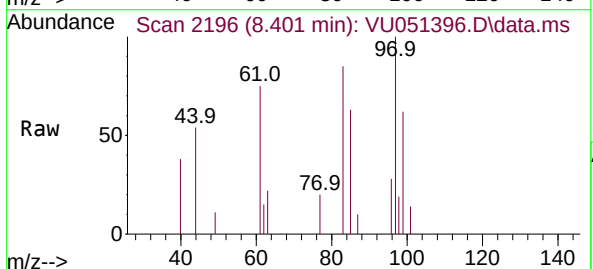
Instrument :
MSVOA_U
ClientSampleId :
VBLK115

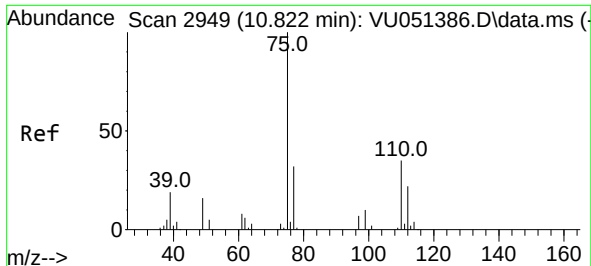
Tgt Ion: 63 Resp: 9094
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#45
1,1,2-Trichloroethane
Concen: 0.125 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Tgt Ion: 97 Resp: 1753
Ion Ratio Lower Upper
97 100
99 62.3 45.3 84.1
83 85.0 63.1 117.1
85 62.8 41.8 77.6

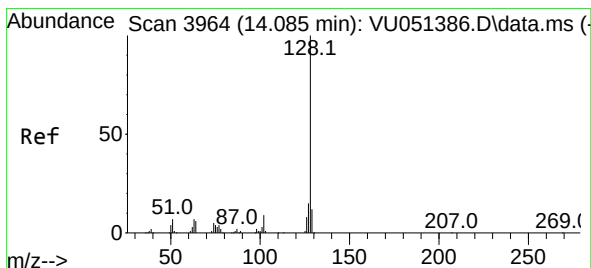
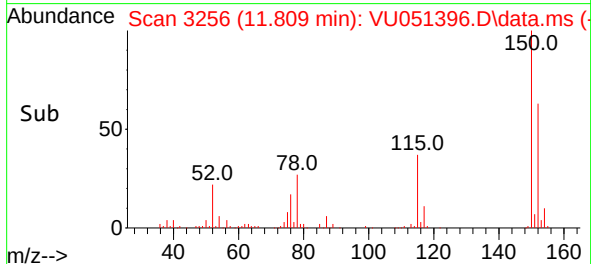
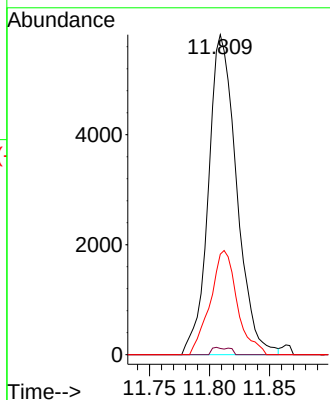
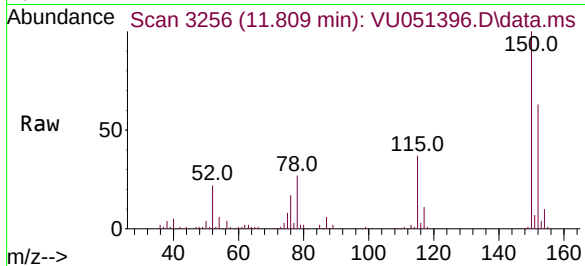




#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Instrument :
MSVOA_U
ClientSampleId :
VBLK115

Tgt Ion: 75 Resp: 9523
Ion Ratio Lower Upper
75 100
110 1.4 27.0 40.6#
77 31.1 26.4 39.6



#71
Naphthalene
Concen: 0.110 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.010 min
Lab File: VU051396.D
Acq: 12 Oct 2022 17:19

Tgt Ion: 128 Resp: 2344
Ion Ratio Lower Upper
128 100
129 2.9 8.5 12.7#
127 11.2 11.1 16.7

