

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051689.D
 Acq On : 02 Nov 2022 14:03
 Operator : JC/MD
 Sample : N5301-12DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBXA6DL

Quant Time: Nov 03 01:47:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

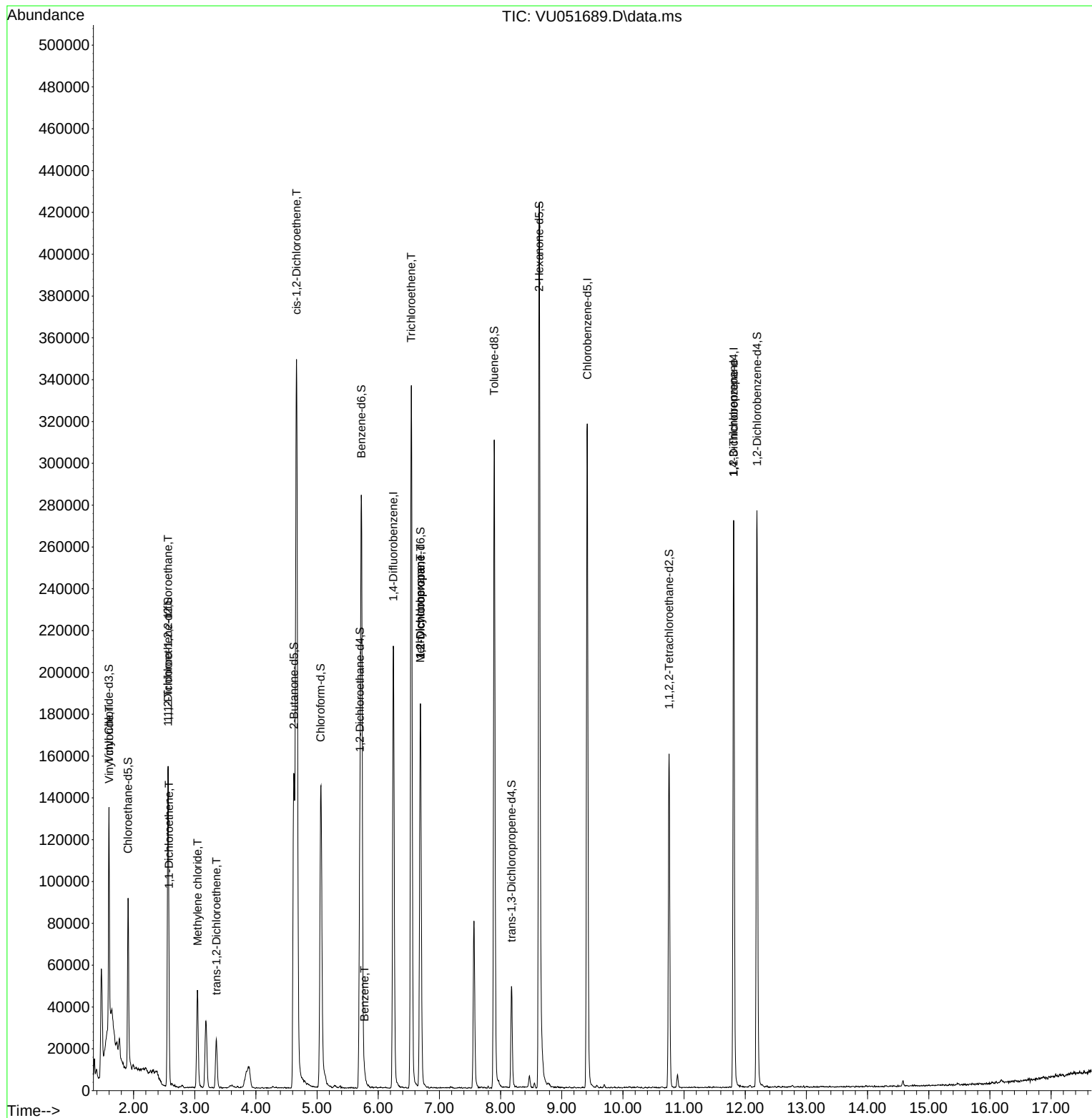
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71449	5.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.200%	
7) Chloroethane-d5	1.909	69	64409	4.680	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.565	65	28732	6.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	120.000%	
20) 2-Butanone-d5	4.620	46	188306	39.405	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.820%	
24) Chloroform-d	5.060	84	138952	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.700	65	74924	4.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.726	84	270459	4.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.690	67	92579	4.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.200%	
41) Toluene-d8	7.896	98	214364	4.643	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	8.179	79	28523	4.544	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.632	63	140684	37.234	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.460%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	81382	4.326	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	76123	5.569	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
5) Vinyl chloride	1.600	62	2657	0.115	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1031	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1879	0.123	ug/L #	1
16) Methylene chloride	3.044	84	23717	0.951	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	9972	0.610	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	184878	10.222	ug/L	97
33) Benzene	5.774	78	4405	0.060	ug/L	100
34) Trichloroethene	6.539	95	119830	6.764	ug/L	100
35) Methylcyclohexane	6.687	83	21490	0.877	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9589	0.508	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9280	0.964	ug/L #	68

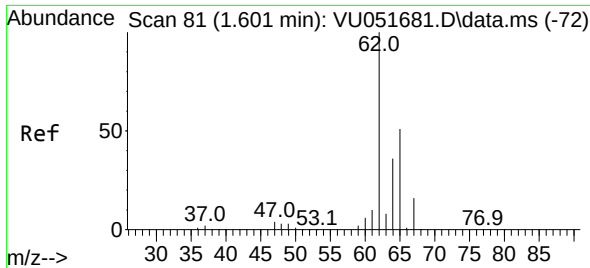
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
Data File : VU051689.D
Acq On : 02 Nov 2022 14:03
Operator : JC/MD
Sample : N5301-12DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBXA6DL

Quant Time: Nov 03 01:47:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 03 01:45:18 2022
Response via : Initial Calibration

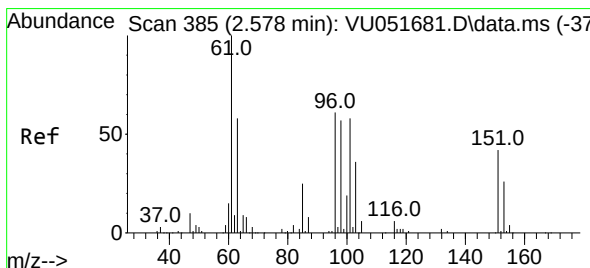
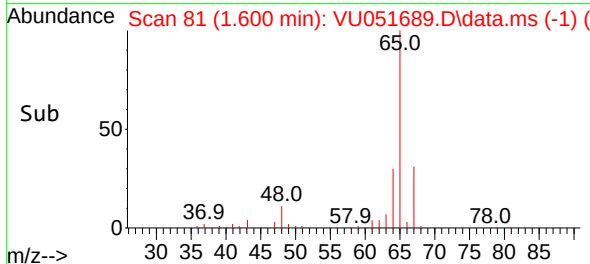
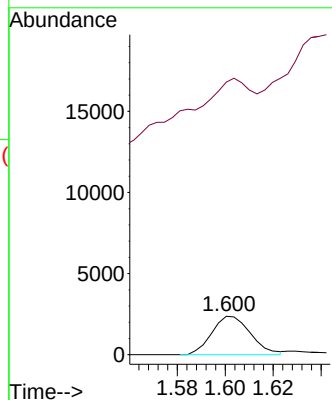
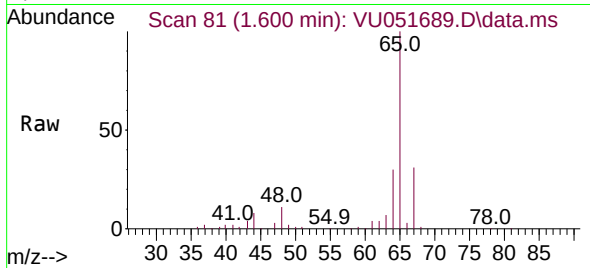




#5
 Vinyl chloride
 Concen: 0.115 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051689.D
 Acq: 02 Nov 2022 14:03

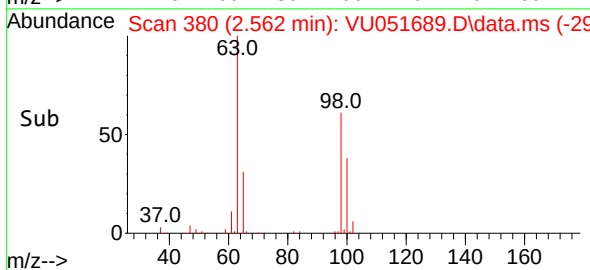
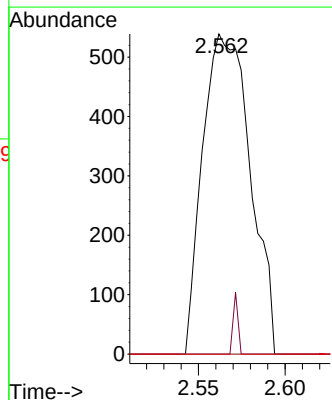
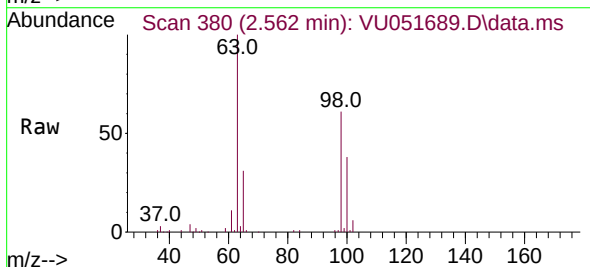
Instrument :
 MSVOA_U
 ClientSampleId :
 DBXA6DL

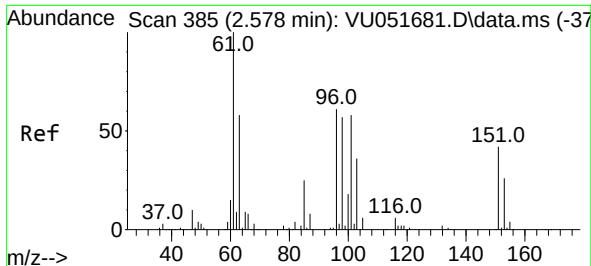
Tgt Ion: 62 Resp: 2657
 Ion Ratio Lower Upper
 62 100
 64 710.7 22.1 41.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU051689.D
 Acq: 02 Nov 2022 14:03

Tgt Ion: 101 Resp: 1031
 Ion Ratio Lower Upper
 101 100
 85 1.9 35.6 53.4#
 151 0.0 59.6 89.4#

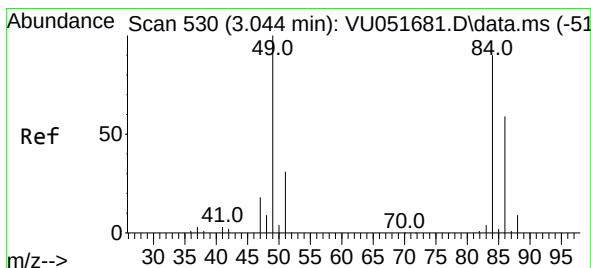
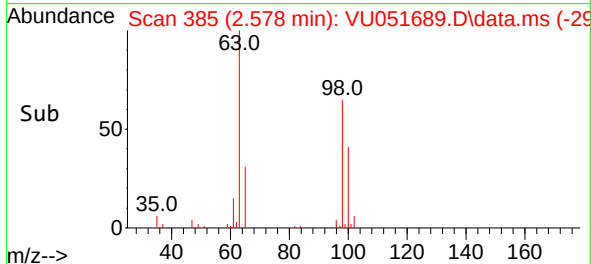
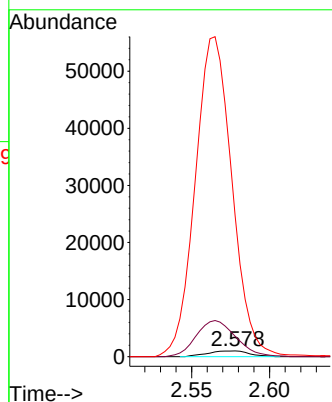
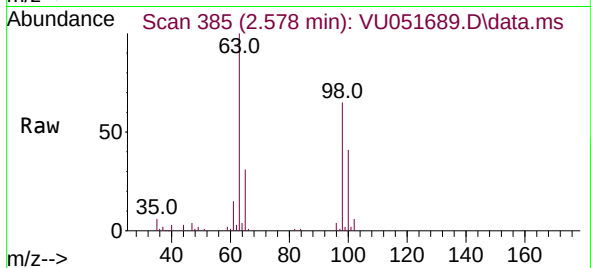




#12
1,1-Dichloroethene
Concen: 0.123 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

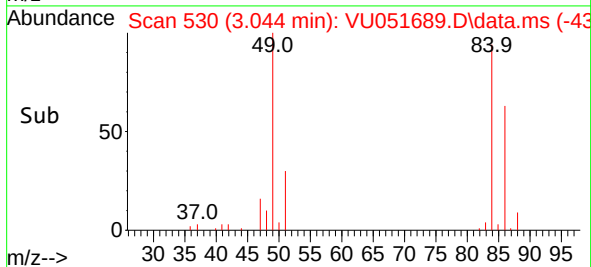
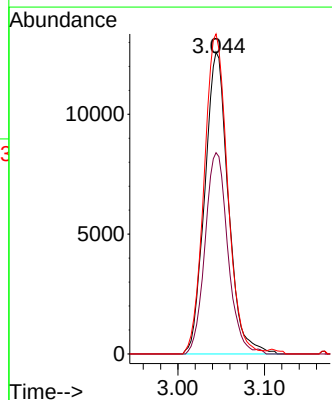
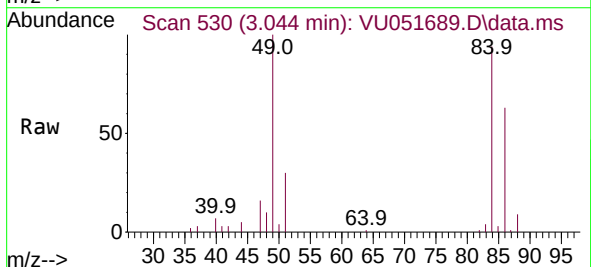
Instrument :
MSVOA_U
ClientSampleId :
DBXA6DL

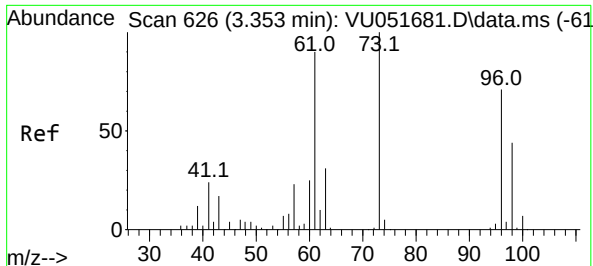
Tgt Ion: 96 Resp: 1879
Ion Ratio Lower Upper
96 100
61 357.2 108.8 202.0#
63 2457.9 64.9 120.5#



#16
Methylene chloride
Concen: 0.951 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 84 Resp: 23717
Ion Ratio Lower Upper
84 100
86 66.7 46.3 85.9
49 106.0 76.0 141.2

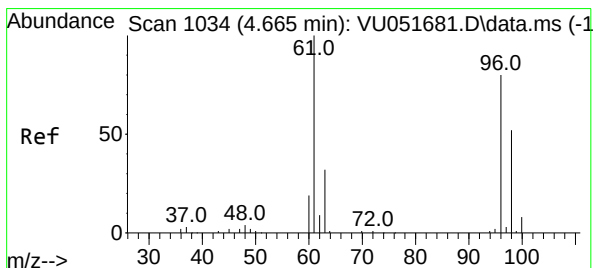
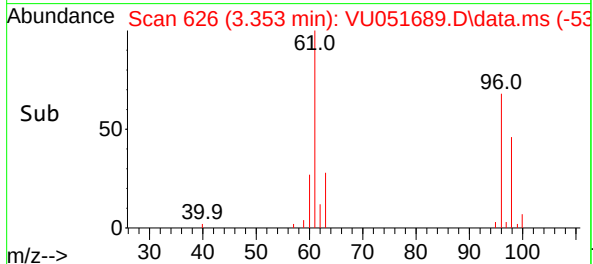
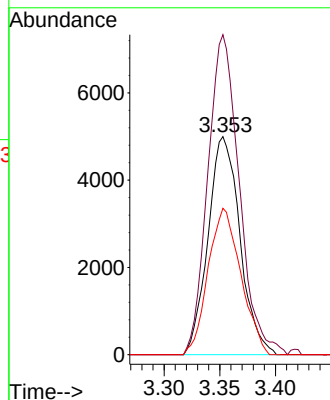
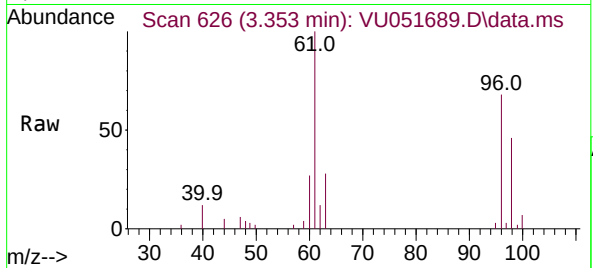




#18
trans-1,2-Dichloroethene
Concen: 0.610 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

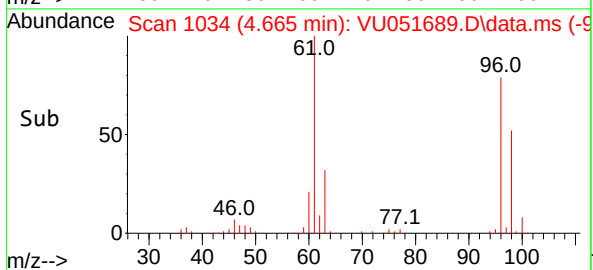
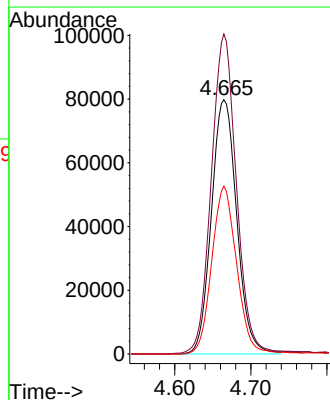
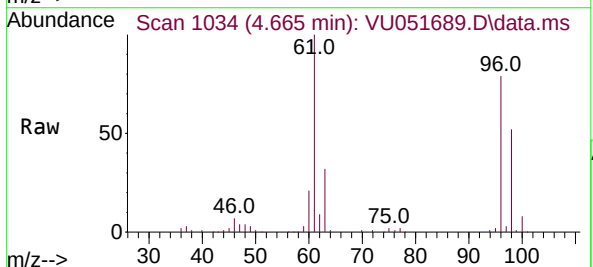
Instrument :
MSVOA_U
ClientSampleId :
DBXA6DL

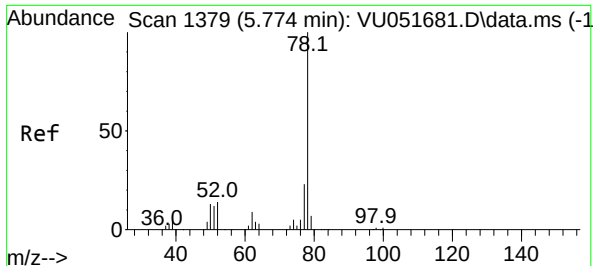
Tgt Ion: 96 Resp: 9972
Ion Ratio Lower Upper
96 100
61 146.8 94.7 175.9
98 67.1 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 10.222 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 96 Resp: 184878
Ion Ratio Lower Upper
96 100
61 125.9 86.4 160.4
98 66.0 44.2 82.2

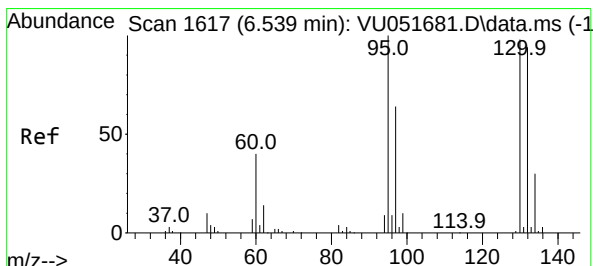
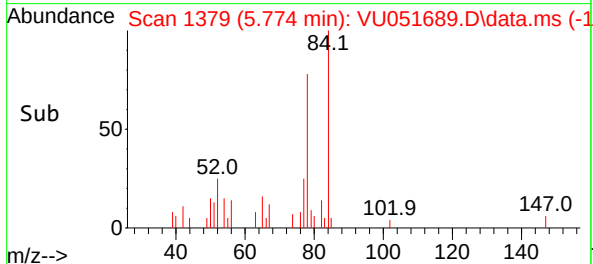
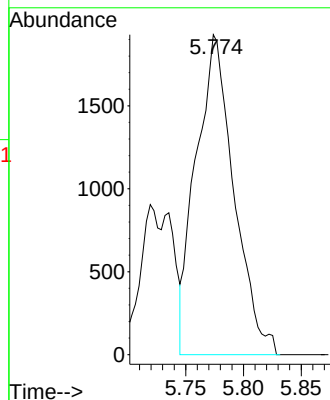
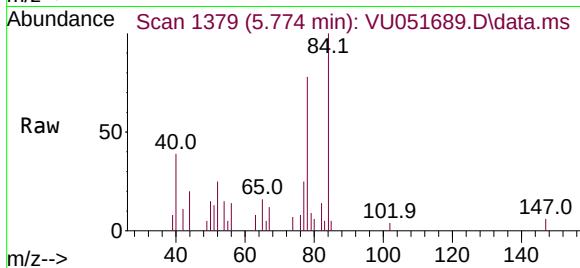




#33
Benzene
Concen: 0.060 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
DBXA6DL

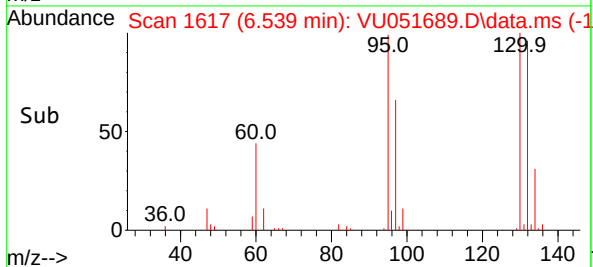
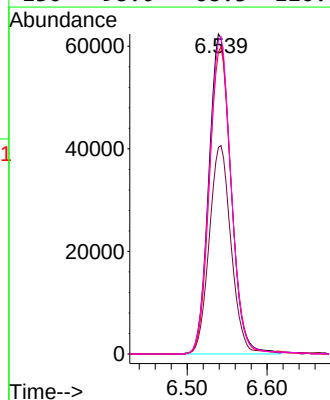
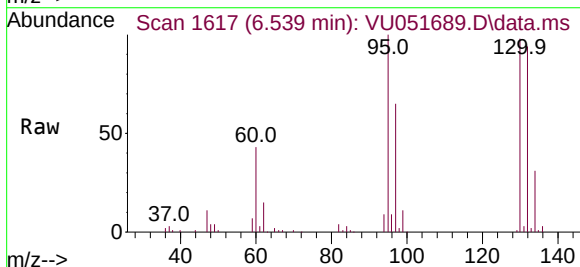
Tgt Ion: 78 Resp: 4405

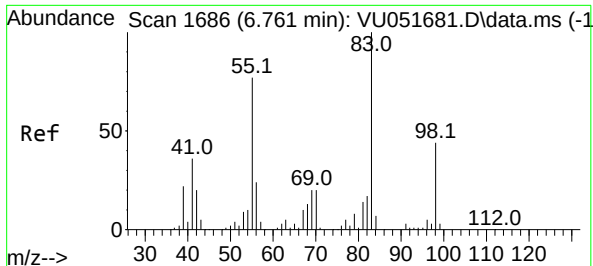


#34
Trichloroethene
Concen: 6.764 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

Tgt Ion: 95 Resp: 119830

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.2	84.0
132	94.3	66.5	123.5
130	98.0	68.3	126.8





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051689.D

Acq: 02 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

DBXA6DL

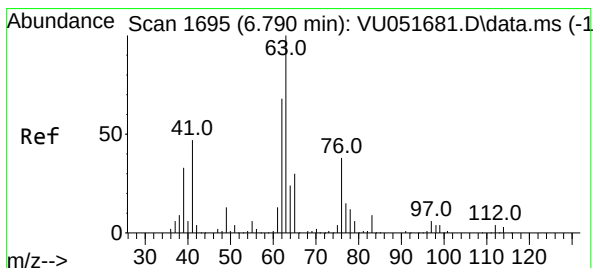
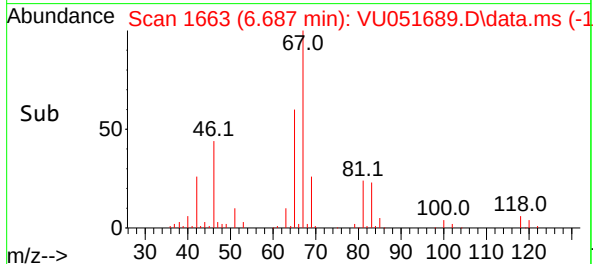
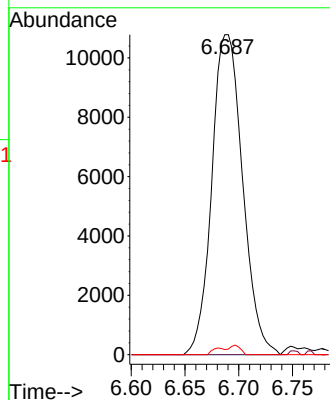
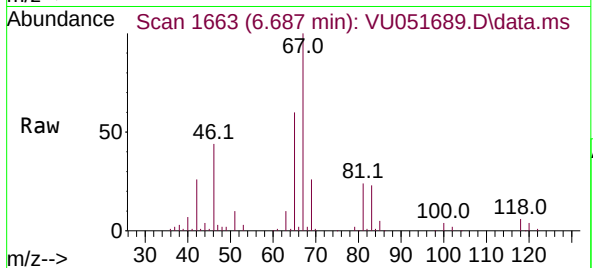
Tgt Ion: 83 Resp: 21490

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 0.8 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051689.D

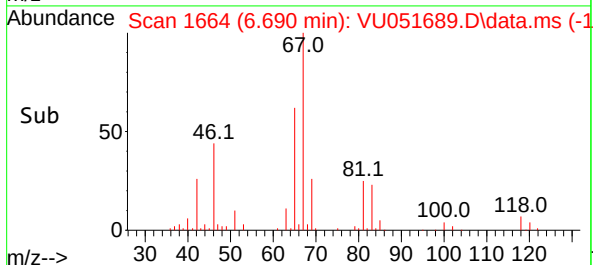
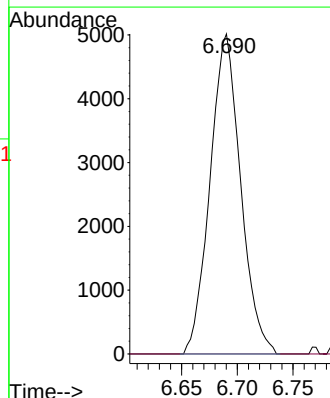
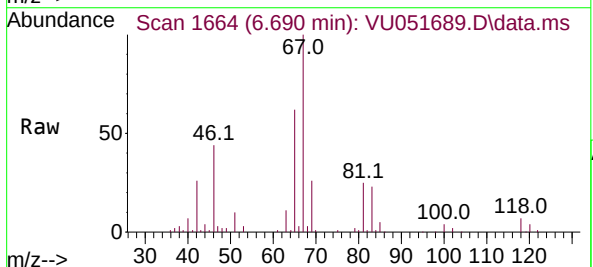
Acq: 02 Nov 2022 14:03

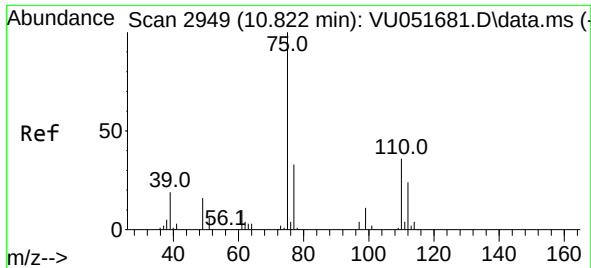
Tgt Ion: 63 Resp: 9589

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#61
1,2,3-Trichloropropane
Concen: 0.964 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051689.D
Acq: 02 Nov 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
DBXA6DL

Tgt Ion: 75 Resp: 9280
Ion Ratio Lower Upper
75 100
110 0.8 28.7 43.1#
77 32.8 26.1 39.1

