

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051726.D
 Acq On : 03 Nov 2022 12:03
 Operator : JC/MD
 Sample : N5301-23DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7DL

Quant Time: Nov 04 00:50:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

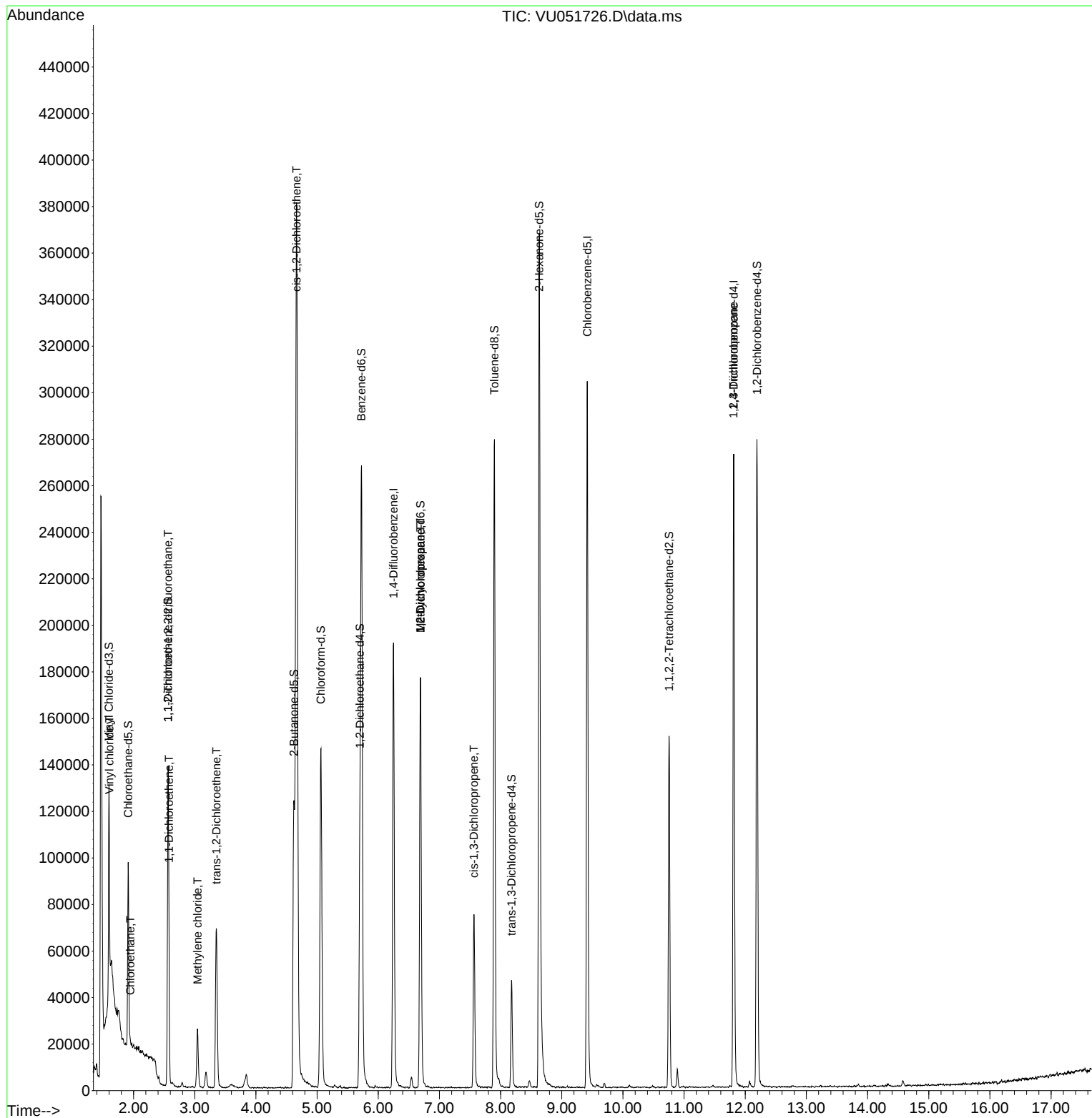
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	160313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61932	5.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.912	69	59289	4.708	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.565	65	25011	5.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	114.200%	
20) 2-Butanone-d5	4.620	46	171133	39.137	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.280%	
24) Chloroform-d	5.063	84	138177	4.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.700	65	70077	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.726	84	260439	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.690	67	88667	4.586	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.899	98	197876	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.179	79	27477	4.648	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.632	63	122948	34.549	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.100%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	79580	4.492	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78579	5.501	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
5) Vinyl chloride	1.604	62	4512	0.213	ug/L #	1
8) Chloroethane	1.948	64	1466	0.114	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	857	0.063	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	1852	0.133	ug/L #	1
16) Methylene chloride	3.044	84	12259	0.537	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	31496	2.106	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	203455	12.293	ug/L	98
35) Methylcyclohexane	6.690	83	20737	0.899	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9229	0.519	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2146	0.094	ug/L #	68
61) 1,2,3-Trichloropropane	11.809	75	9150	0.909	ug/L #	66

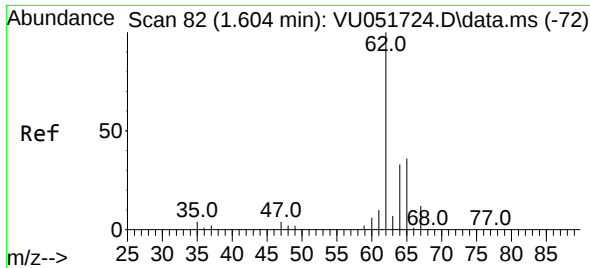
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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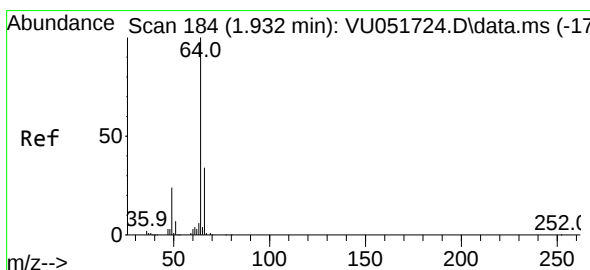
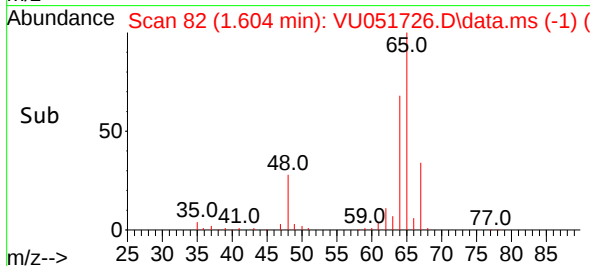
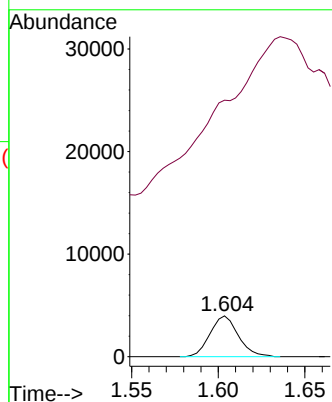
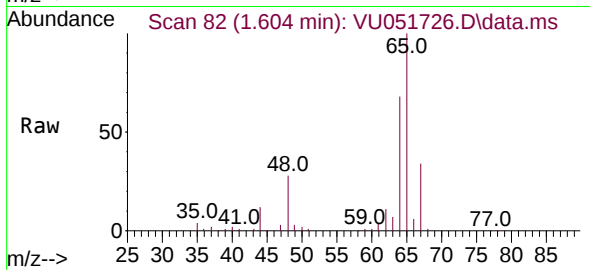




#5
 Vinyl chloride
 Concen: 0.213 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051726.D
 Acq: 03 Nov 2022 12:03

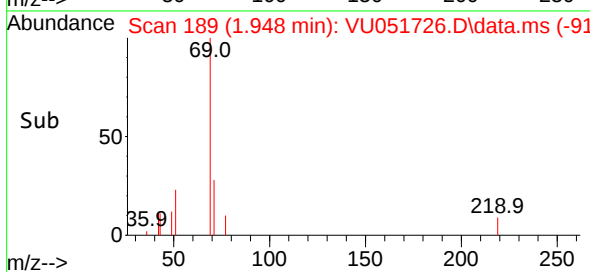
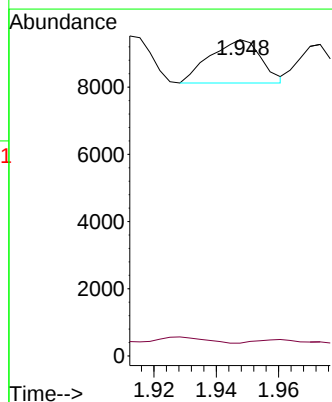
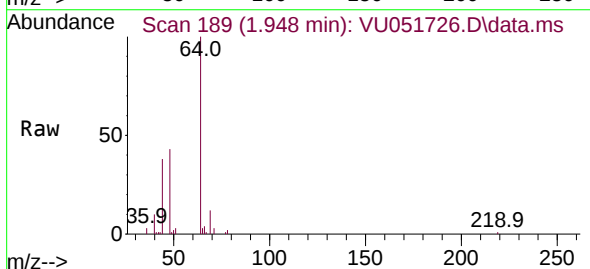
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7DL

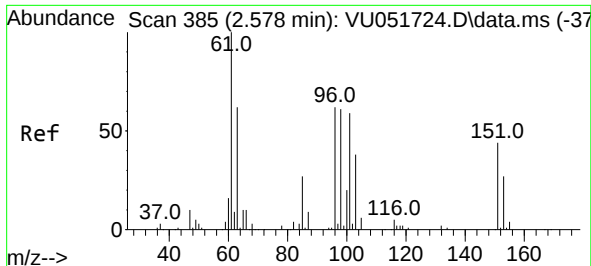
Tgt Ion: 62 Resp: 4512
 Ion Ratio Lower Upper
 62 100
 64 627.6 22.1 41.1#



#8
 Chloroethane
 Concen: 0.114 ug/L
 RT: 1.948 min Scan# 189
 Delta R.T. 0.016 min
 Lab File: VU051726.D
 Acq: 03 Nov 2022 12:03

Tgt Ion: 64 Resp: 1466
 Ion Ratio Lower Upper
 64 100
 66 4.0 22.3 41.5#

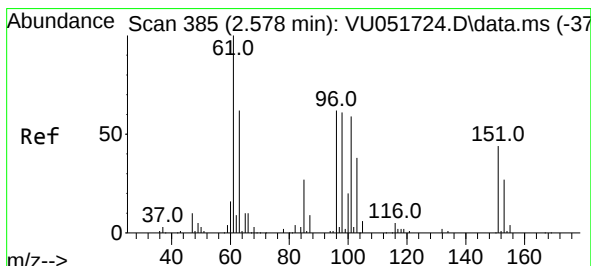
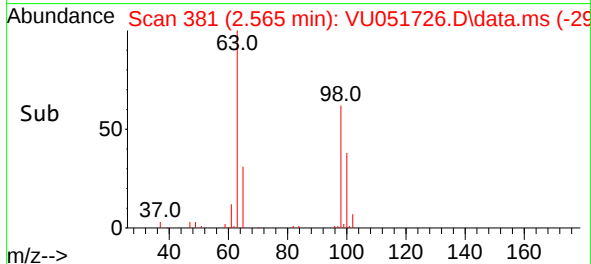
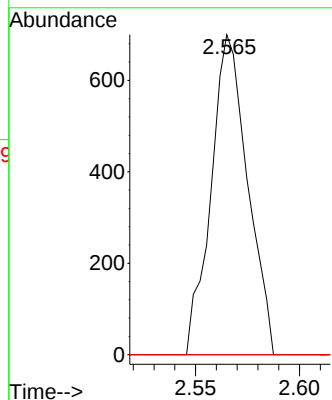
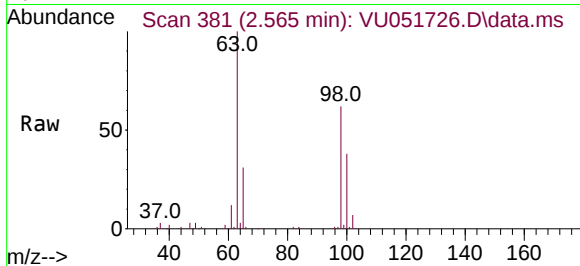




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.063 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051726.D
 Acq: 03 Nov 2022 12:03

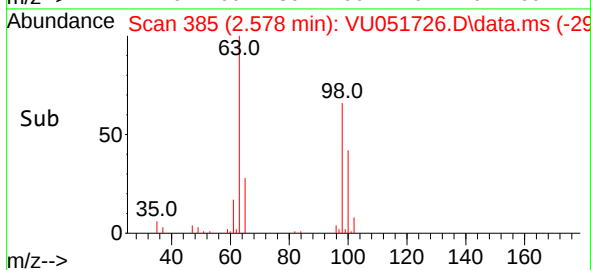
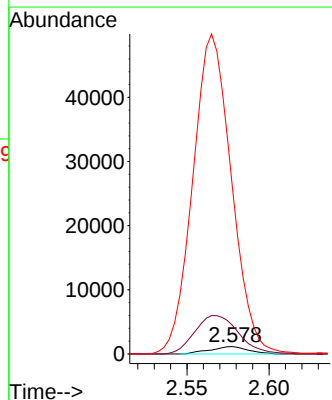
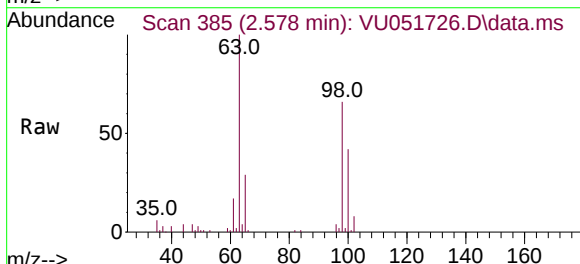
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7DL

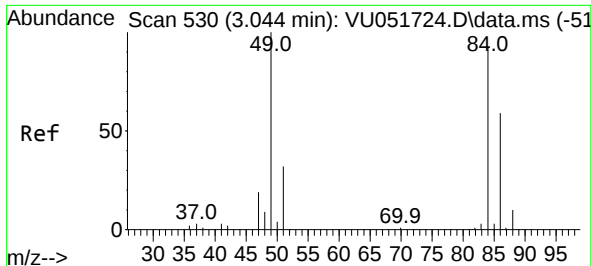
Tgt Ion:101 Resp: 857
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 0.133 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051726.D
 Acq: 03 Nov 2022 12:03

Tgt Ion: 96 Resp: 1852
 Ion Ratio Lower Upper
 96 100
 61 386.2 108.8 202.0#
 63 2230.2 64.9 120.5#

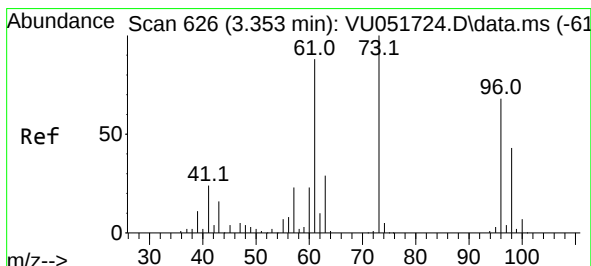
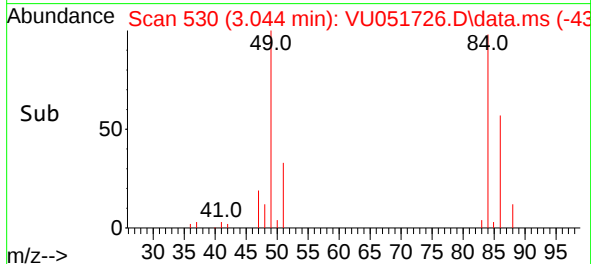
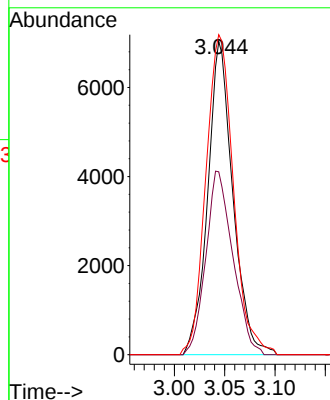
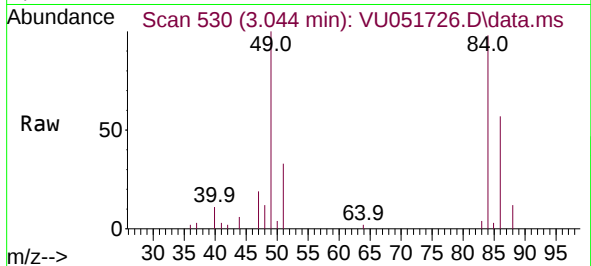




#16
Methylene chloride
Concen: 0.537 ug/L
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU051726.D
Acq: 03 Nov 2022 12:03

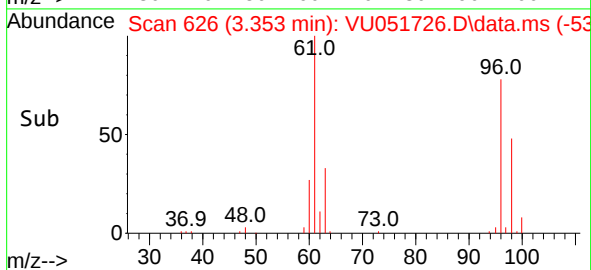
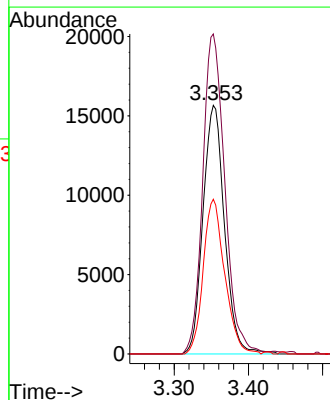
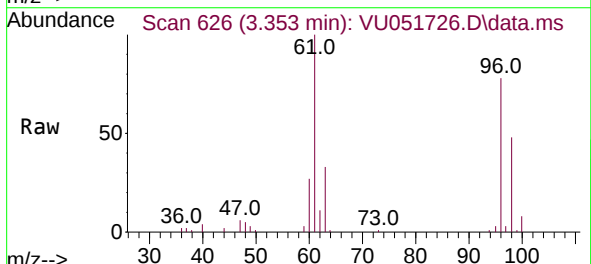
Instrument :
MSVOA_U
ClientSampleId :
DBWP7DL

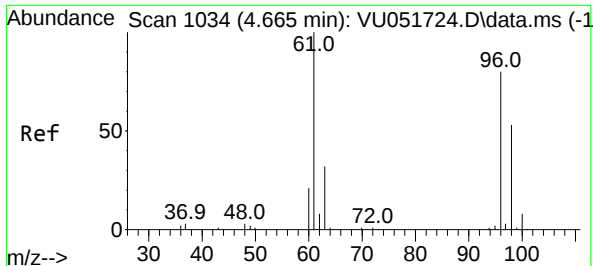
Tgt Ion:	84	Resp:	12259
Ion	Ratio	Lower	Upper
84	100		
86	58.4	46.3	85.9
49	102.2	76.0	141.2



#18
trans-1,2-Dichloroethene
Concen: 2.106 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU051726.D
Acq: 03 Nov 2022 12:03

Tgt Ion:	96	Resp:	31496
Ion	Ratio	Lower	Upper
96	100		
61	128.7	94.7	175.9
98	62.2	44.2	82.0





#22

cis-1,2-Dichloroethene

Concen: 12.293 ug/L

RT: 4.665 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051726.D

Acq: 03 Nov 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

DBWP7DL

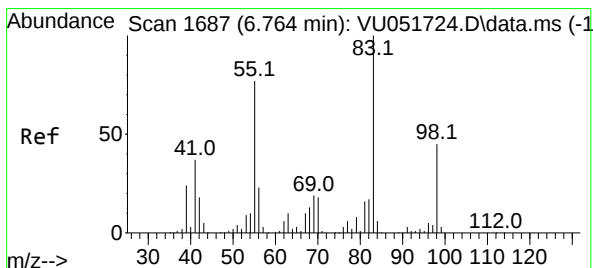
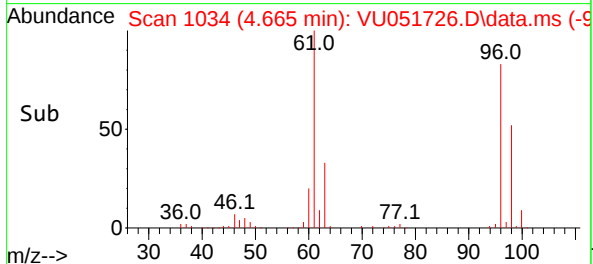
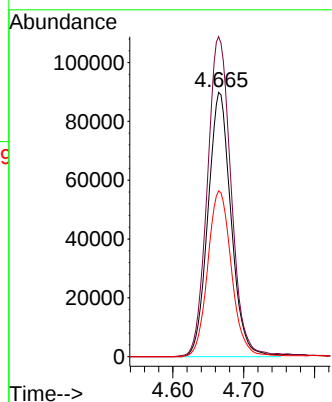
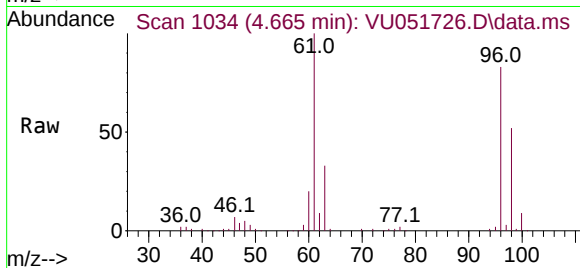
Tgt Ion: 96 Resp: 203455

Ion Ratio Lower Upper

96 100

61 121.0 86.4 160.4

98 62.7 44.2 82.2



#35

Methylcyclohexane

Concen: 0.899 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU051726.D

Acq: 03 Nov 2022 12:03

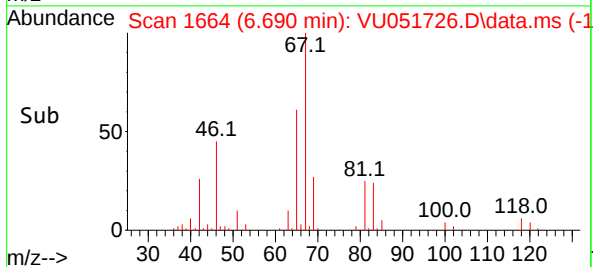
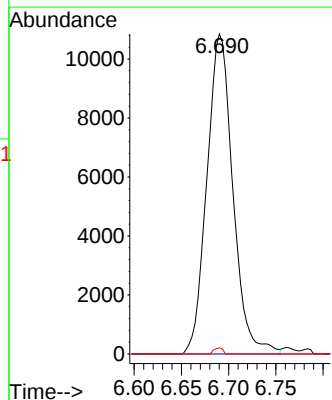
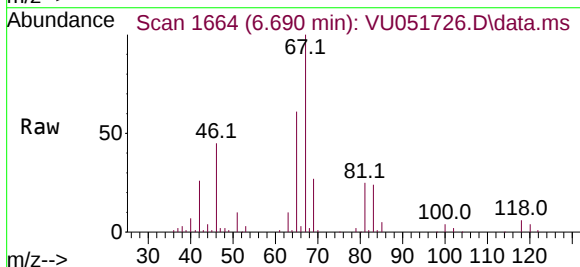
Tgt Ion: 83 Resp: 20737

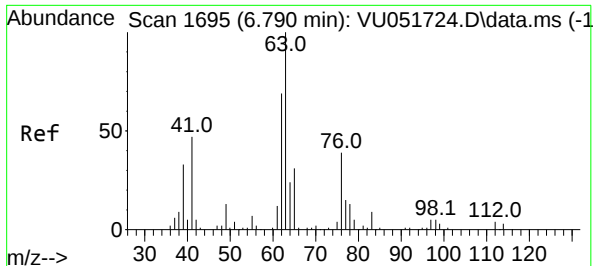
Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 0.6 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051726.D

Acq: 03 Nov 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

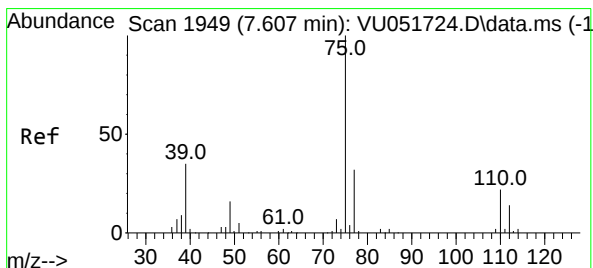
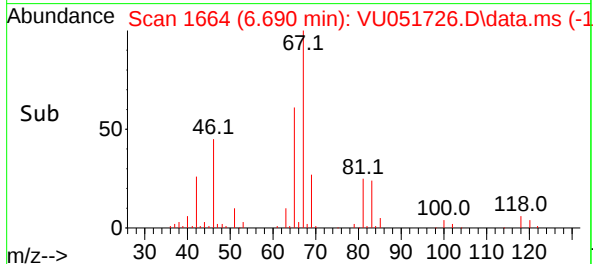
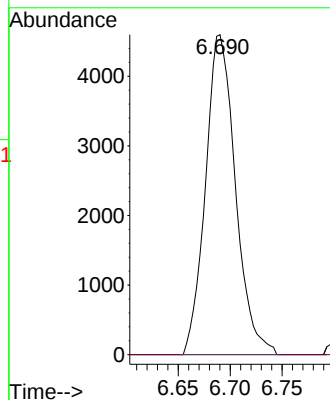
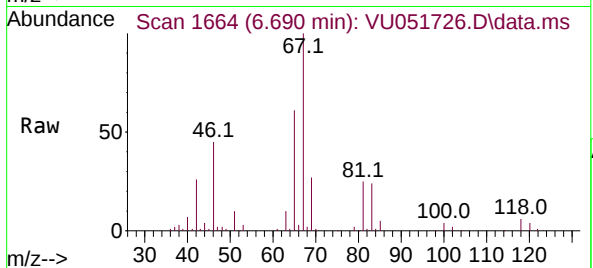
DBWP7DL

Tgt Ion: 63 Resp: 9229

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU051726.D

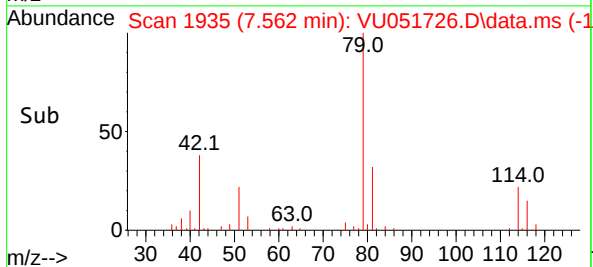
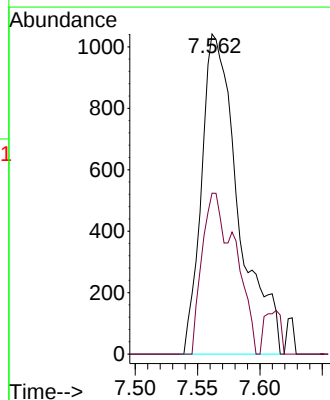
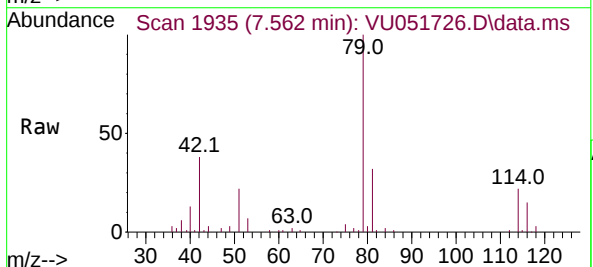
Acq: 03 Nov 2022 12:03

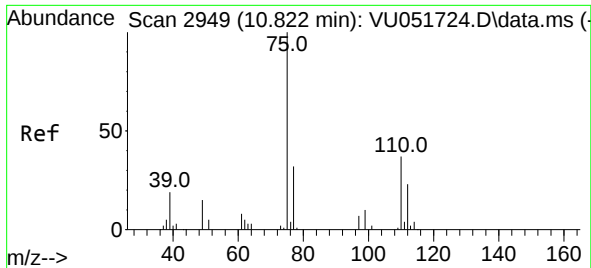
Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

75 100

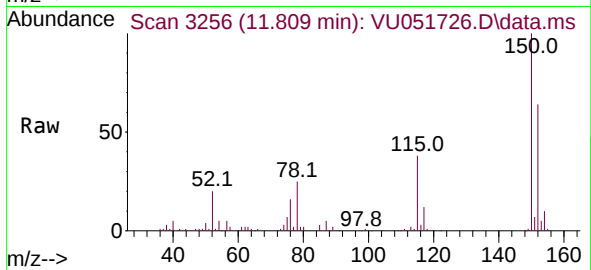
77 50.3 22.5 41.9#





#61
1,2,3-Trichloropropane
Concen: 0.909 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051726.D
Acq: 03 Nov 2022 12:03

Instrument :
MSVOA_U
ClientSampleId :
DBWP7DL



Tgt Ion:	75	Resp:	9150
Ion	Ratio	Lower	Upper
75	100		
110	1.1	28.7	43.1#
77	29.3	26.1	39.1

