

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051716.D
 Acq On : 03 Nov 2022 02:16
 Operator : JC/MD
 Sample : N5301-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7

Quant Time: Nov 03 04:30:28 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)

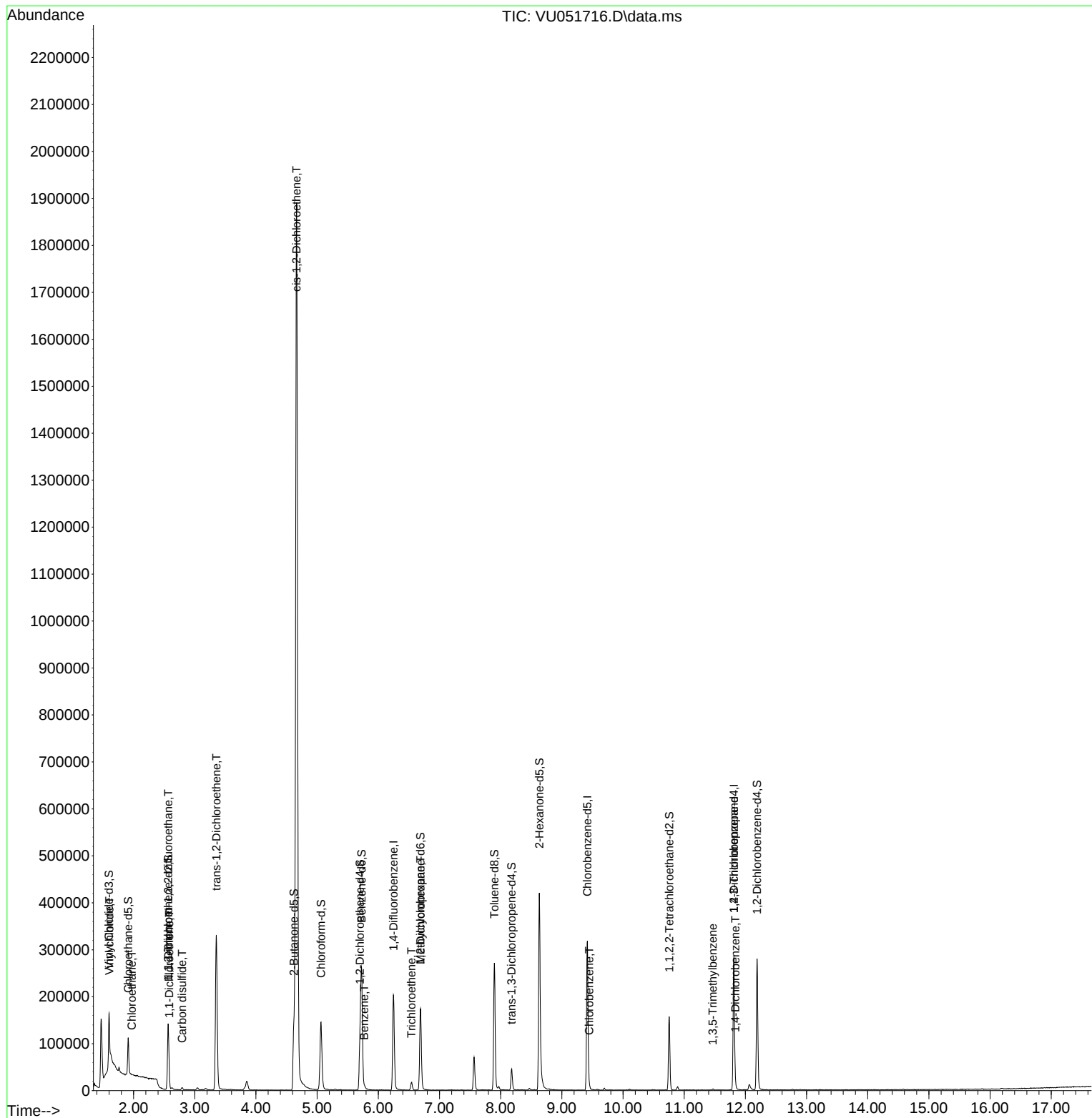
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	169480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	185797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63280	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.912	69	59036	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.565	65	24787	5.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.620	46	191432	41.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.820%
24) Chloroform-d	5.063	84	134462	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.700	65	70111	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.726	84	257164	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.690	67	87435	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.896	98	193758	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	26911	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.632	63	140427	37.212	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	81752	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	78219	5.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	20014	0.894	ug/L #	1
8) Chloroethane	1.970	64	2697	0.198	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	735	0.051	ug/L #	19
12) 1,1-Dichloroethene	2.581	96	6058	0.411	ug/L #	1
14) Carbon disulfide	2.793	76	6248	0.132	ug/L #	94
18) trans-1,2-Dichloroethene	3.353	96	144086	9.112	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1023885	58.520	ug/L	98
33) Benzene	5.771	78	4487	0.061	ug/L	100
34) Trichloroethene	6.542	95	5845	0.330	ug/L	90
35) Methylcyclohexane	6.690	83	20025	0.819	ug/L #	20
51) Chlorobenzene	9.446	112	3693	0.078	ug/L	95
61) 1,2,3-Trichloropropane	11.812	75	9985	0.969	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.468	105	1639	0.105	ug/L	90
65) 1,4-Dichlorobenzene	11.838	146	3880	0.134	ug/L	90

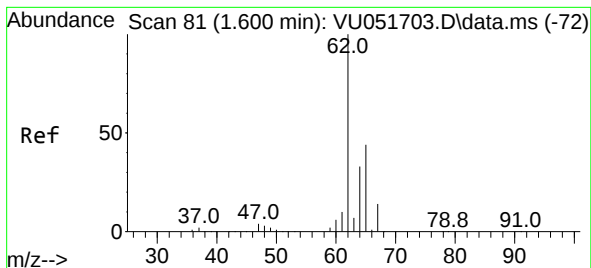
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.894 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051716.D

Acq: 03 Nov 2022 02:16

Instrument :

MSVOA_U

ClientSampleId :

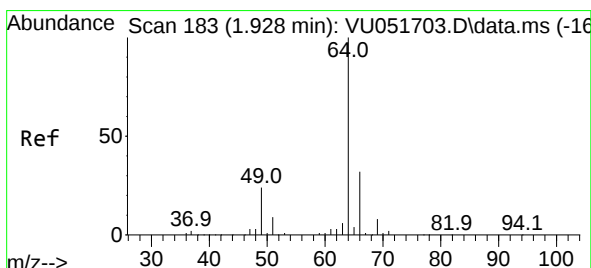
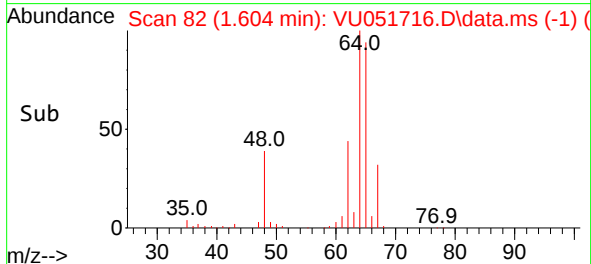
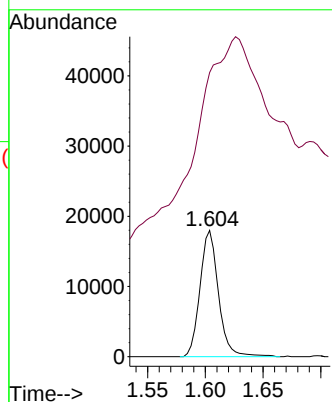
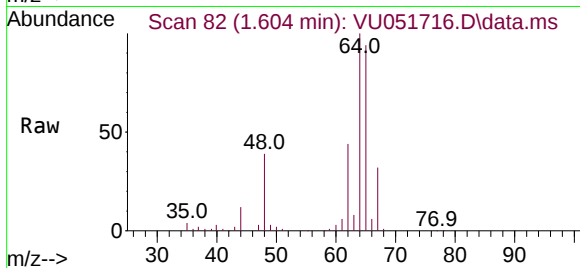
DBWP7

Tgt Ion: 62 Resp: 20014

Ion Ratio Lower Upper

62 100

64 225.2 22.1 41.1#



#8

Chloroethane

Concen: 0.198 ug/L

RT: 1.970 min Scan# 196

Delta R.T. 0.042 min

Lab File: VU051716.D

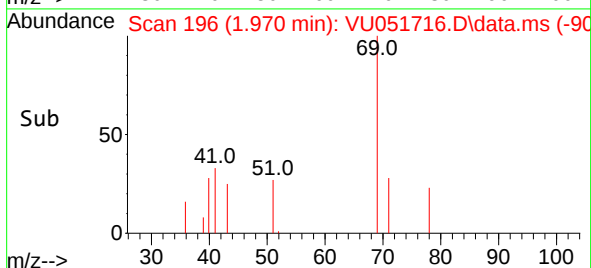
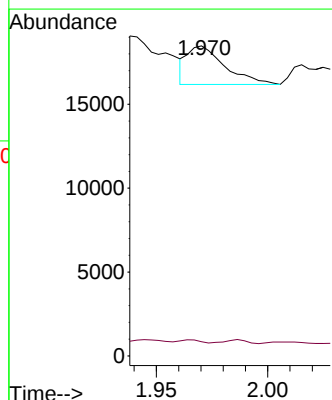
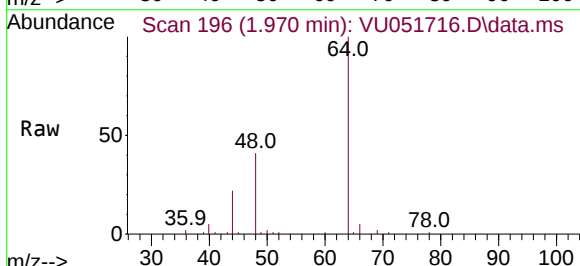
Acq: 03 Nov 2022 02:16

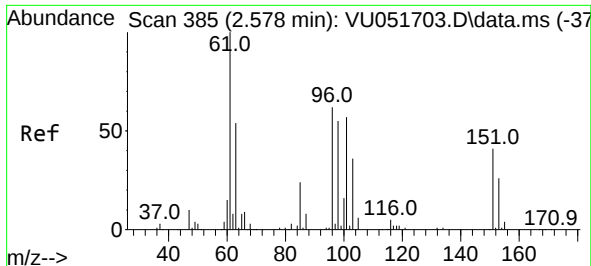
Tgt Ion: 64 Resp: 2697

Ion Ratio Lower Upper

64 100

66 4.6 22.3 41.5#

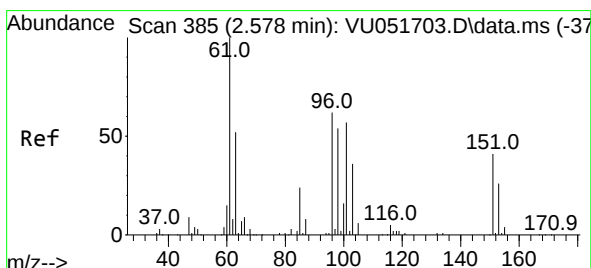
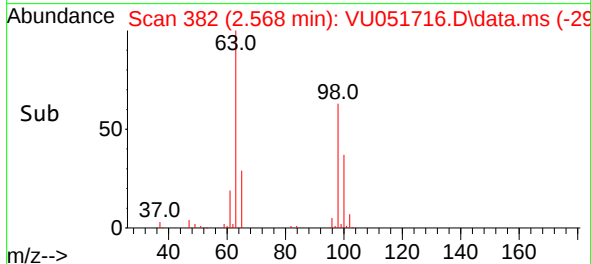
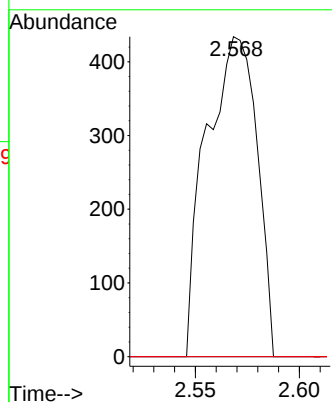
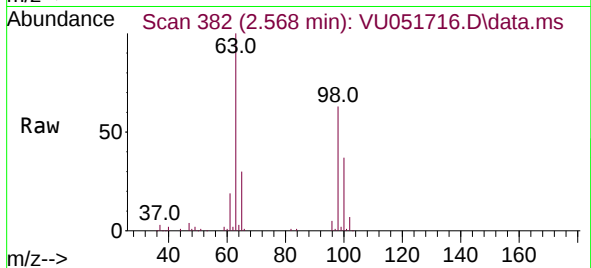




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

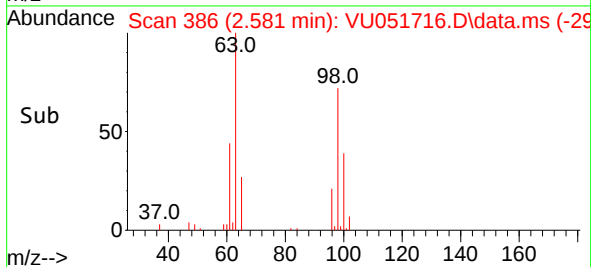
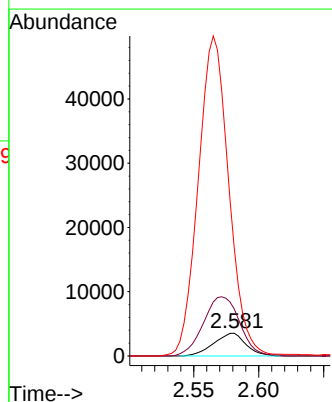
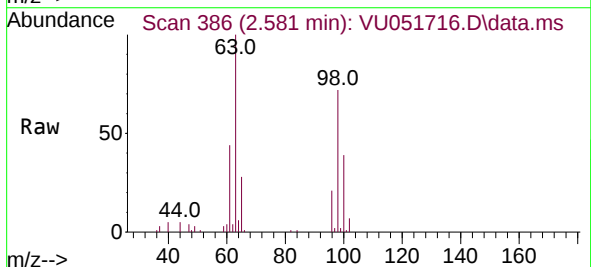
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7

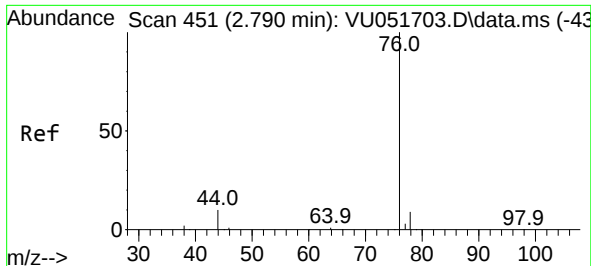
Tgt Ion:101 Resp: 735
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 0.411 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051716.D
 Acq: 03 Nov 2022 02:16

Tgt Ion: 96 Resp: 6058
 Ion Ratio Lower Upper
 96 100
 61 205.8 108.8 202.0#
 63 472.2 64.9 120.5#

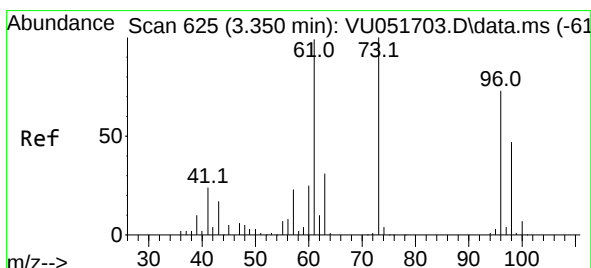
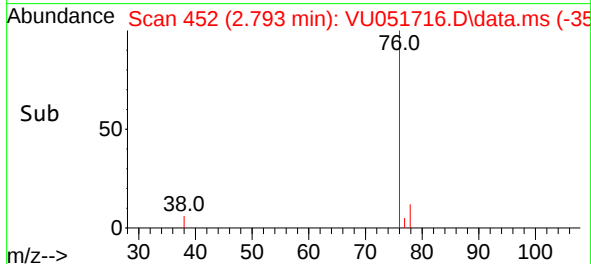
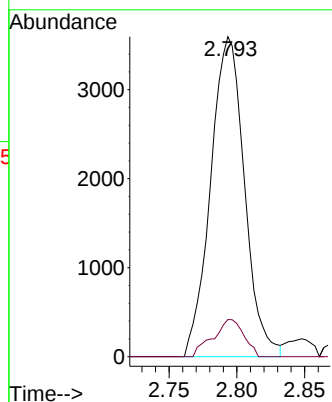
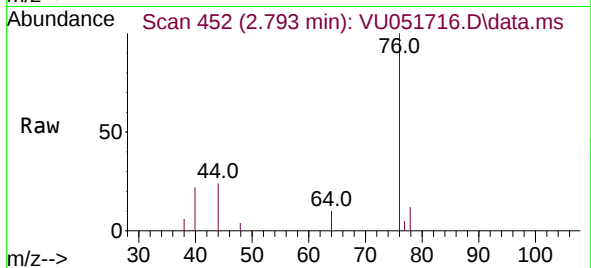




#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

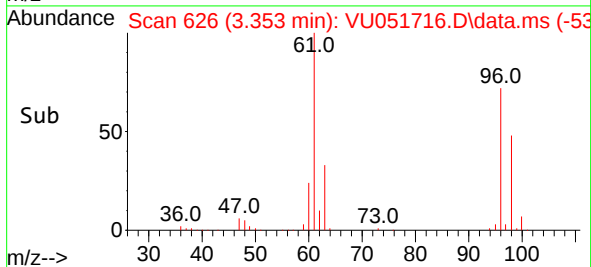
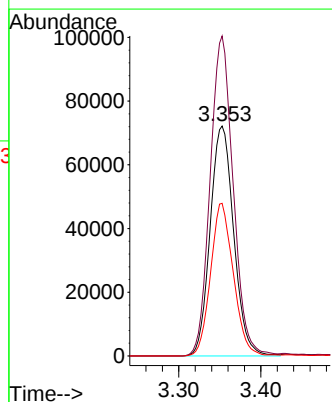
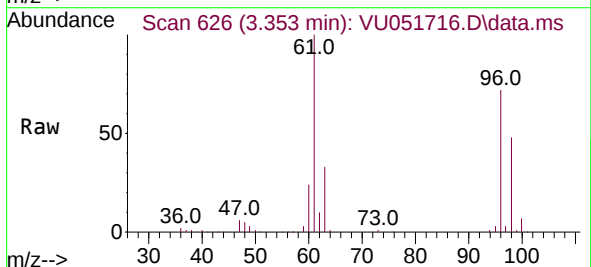
Instrument :
MSVOA_U
ClientSampleId :
DBWP7

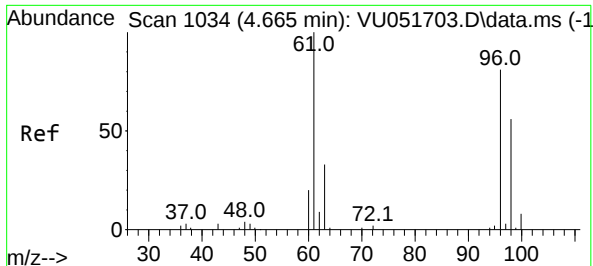
Tgt Ion: 76 Resp: 6248
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.2#



#18
trans-1,2-Dichloroethene
Concen: 9.112 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion: 96 Resp: 144086
Ion Ratio Lower Upper
96 100
61 139.2 94.7 175.9
98 66.4 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 58.520 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051716.D

Acq: 03 Nov 2022 02:16

Instrument :

MSVOA_U

ClientSampleId :

DBWP7

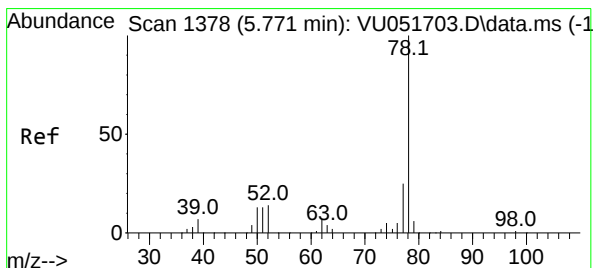
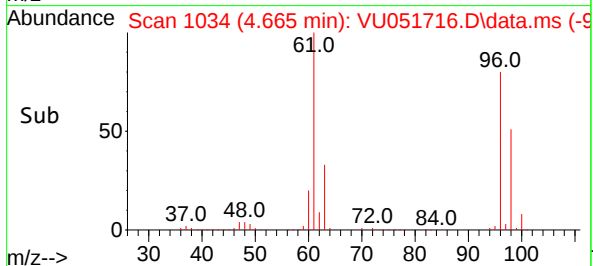
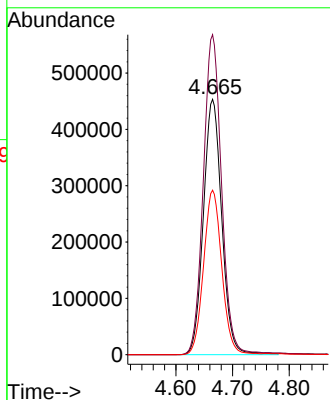
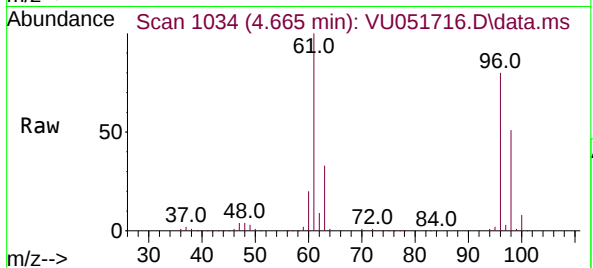
Tgt Ion: 96 Resp: 1023885

Ion Ratio Lower Upper

96 100

61 125.3 86.4 160.4

98 64.4 44.2 82.2



#33

Benzene

Concen: 0.061 ug/L

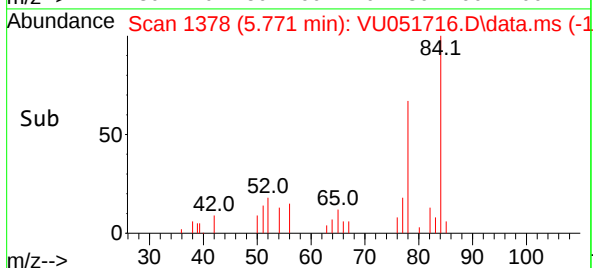
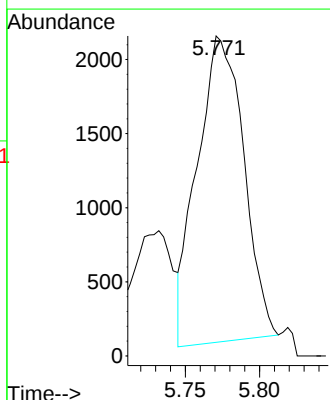
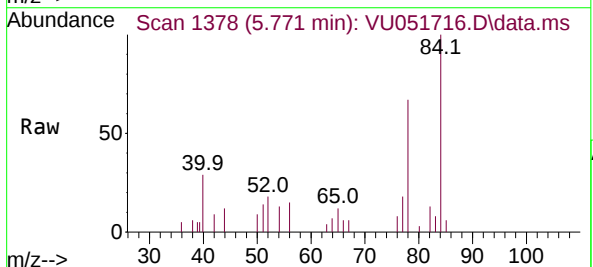
RT: 5.771 min Scan# 1378

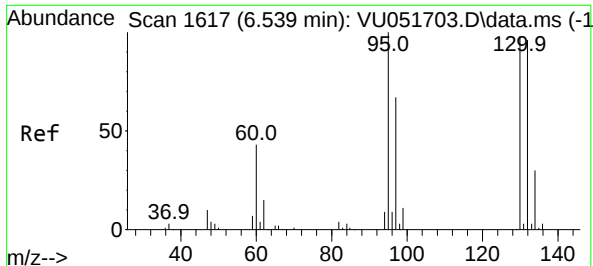
Delta R.T. 0.000 min

Lab File: VU051716.D

Acq: 03 Nov 2022 02:16

Tgt Ion: 78 Resp: 4487



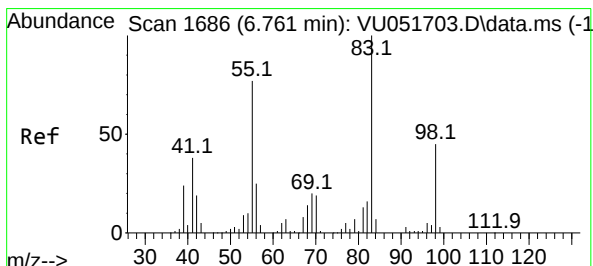
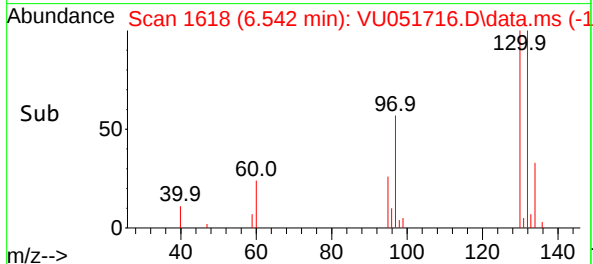
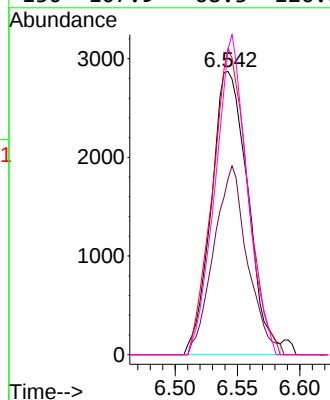
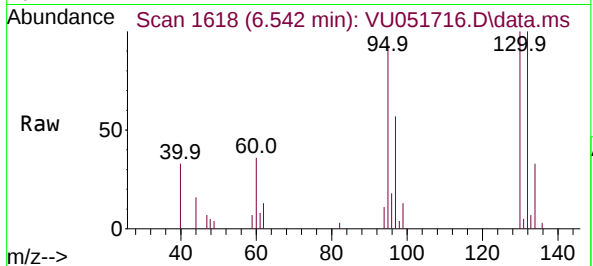


#34
Trichloroethene
Concen: 0.330 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Instrument :
MSVOA_U
ClientSampleId :
DBWP7

Tgt Ion: 95 Resp: 5845

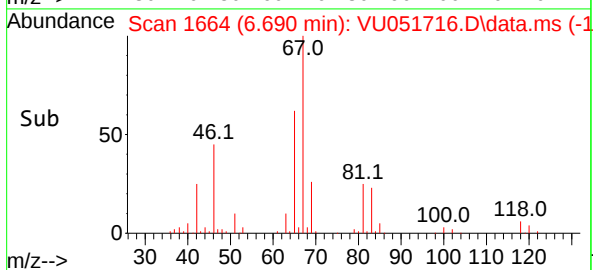
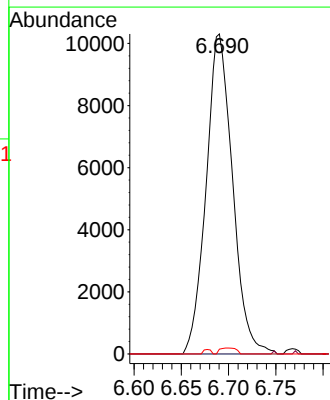
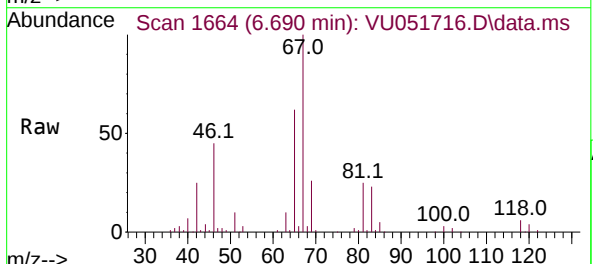
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.2	84.0
132	108.0	66.5	123.5
130	107.9	68.3	126.8

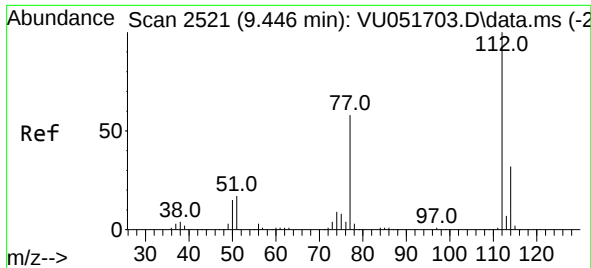


#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion: 83 Resp: 20025

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.6	90.8#
98	1.1	35.8	53.6#

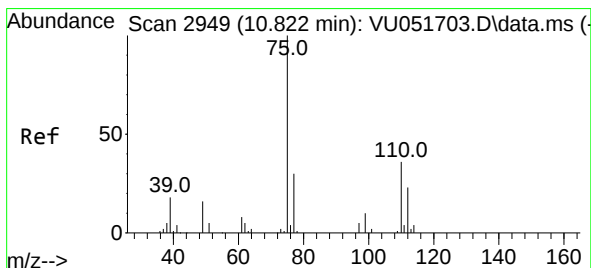
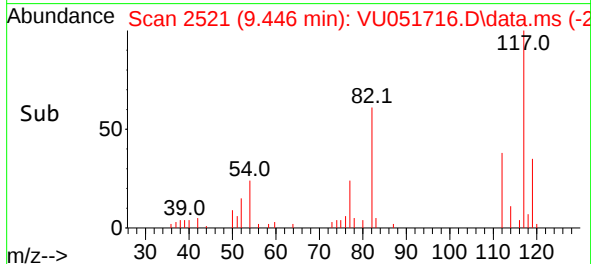
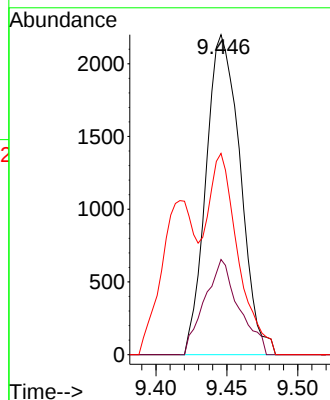
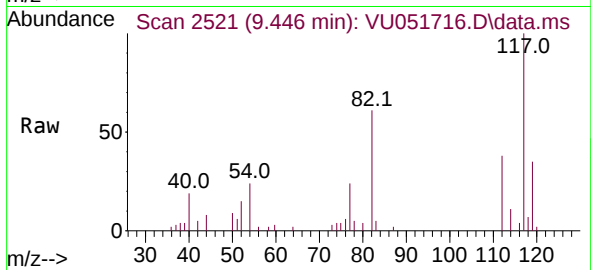




#51
Chlorobenzene
Concen: 0.078 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

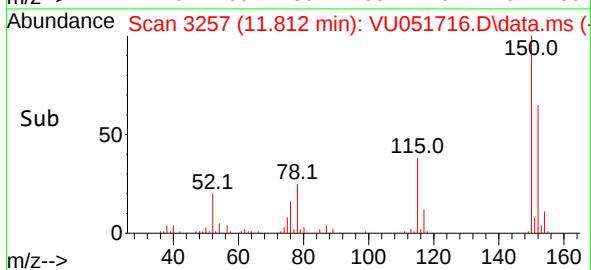
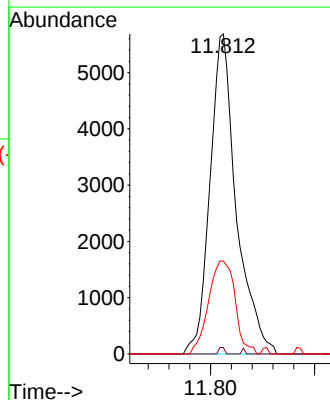
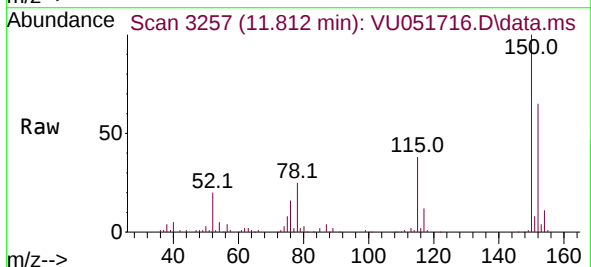
Instrument :
MSVOA_U
ClientSampleId :
DBWP7

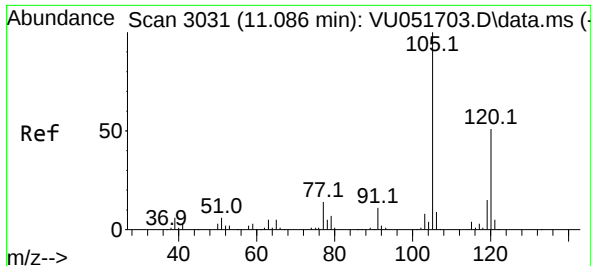
Tgt Ion:112 Resp: 3693
Ion Ratio Lower Upper
112 100
114 29.7 22.0 40.8
77 62.9 46.7 70.1



#61
1,2,3-Trichloropropane
Concen: 0.969 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion: 75 Resp: 9985
Ion Ratio Lower Upper
75 100
110 0.4 28.7 43.1#
77 29.3 26.1 39.1

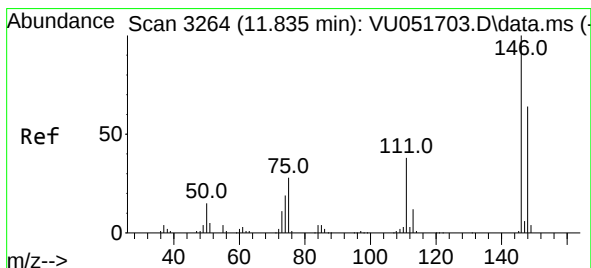
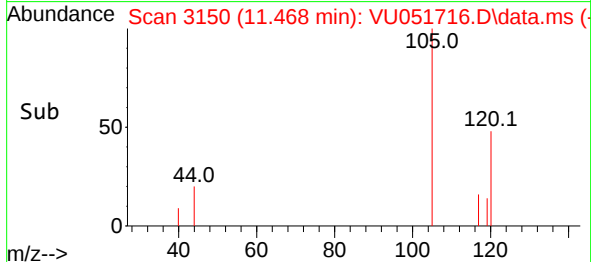
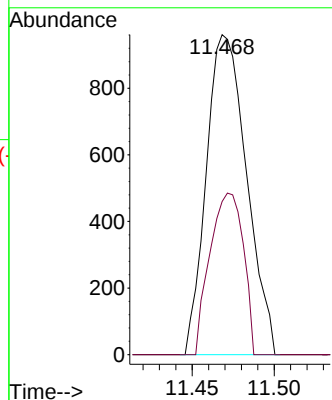
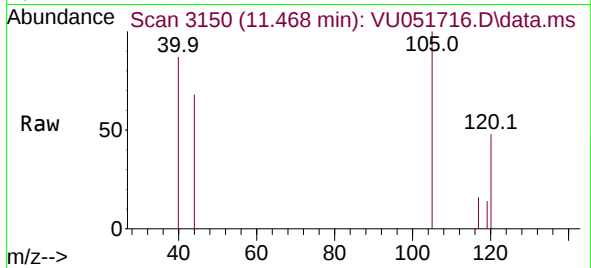




#62
1,3,5-Trimethylbenzene
Concen: 0.105 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.383 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Instrument :
MSVOA_U
ClientSampleId :
DBWP7

Tgt Ion:105 Resp: 1639
Ion Ratio Lower Upper
105 100
120 41.7 38.6 57.8



#65
1,4-Dichlorobenzene
Concen: 0.134 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU051716.D
Acq: 03 Nov 2022 02:16

Tgt Ion:146 Resp: 3880
Ion Ratio Lower Upper
146 100
111 32.2 26.7 49.5
148 54.1 43.5 80.9

