

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051714.D
 Acq On : 03 Nov 2022 01:26
 Operator : JC/MD
 Sample : N5301-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP5

Quant Time: Nov 03 04:30:01 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)

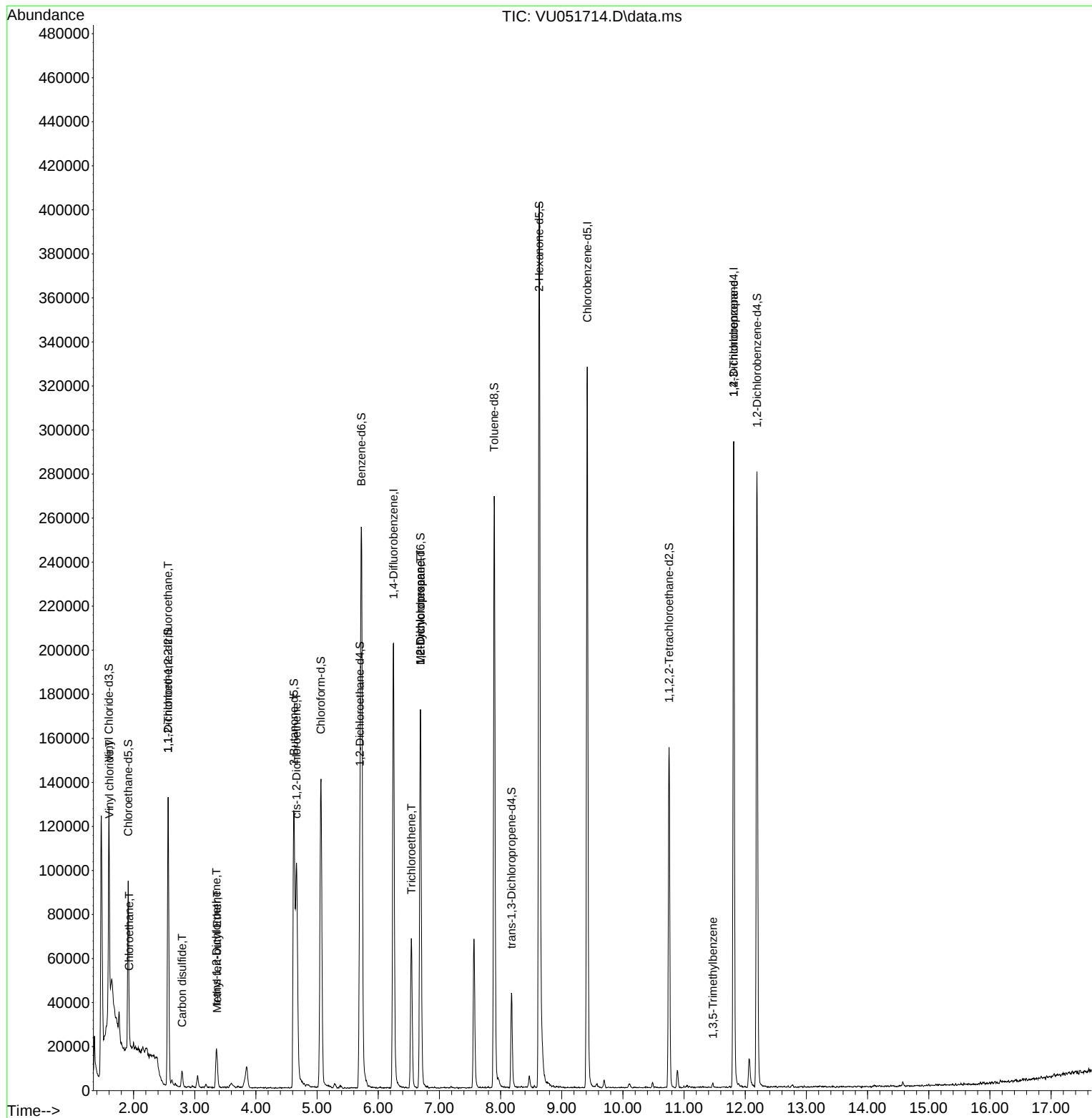
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	169395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61358	4.809	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.912	69	57114	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.565	65	23743	5.128	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.620	46	181638	39.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.620%
24) Chloroform-d	5.063	84	131115	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.700	65	70878	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.726	84	248805	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	88812	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.896	98	190494	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.179	79	26066	4.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.632	63	138422	35.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.740%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80587	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	76136	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	2549	0.114	ug/L #	1
8) Chloroethane	1.929	64	1567	0.115	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	876	0.061	ug/L #	19
14) Carbon disulfide	2.793	76	10538	0.222	ug/L #	92
17) Methyl tert-butyl Ether	3.366	73	6762	0.200	ug/L	94
18) trans-1,2-Dichloroethene	3.353	96	5132	0.325	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	47645	2.724	ug/L	99
34) Trichloroethene	6.542	95	23413	1.294	ug/L	97
35) Methylcyclohexane	6.690	83	19486	0.779	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8115	0.421	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	9731	0.909	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.472	105	1396	0.086	ug/L	94

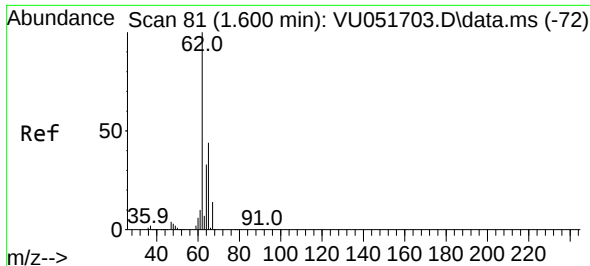
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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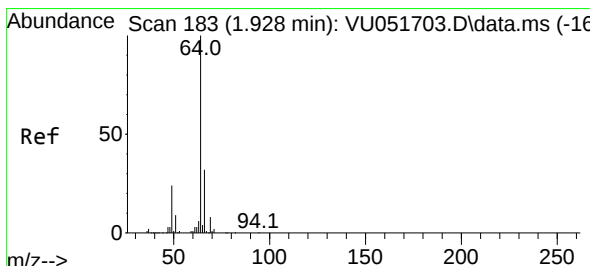
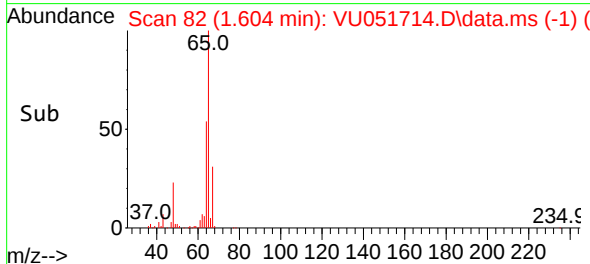
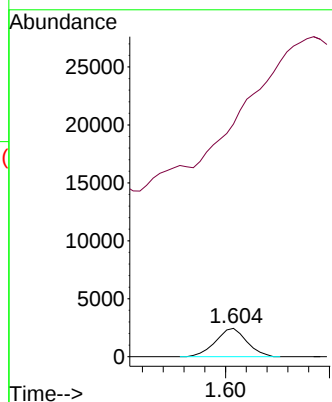
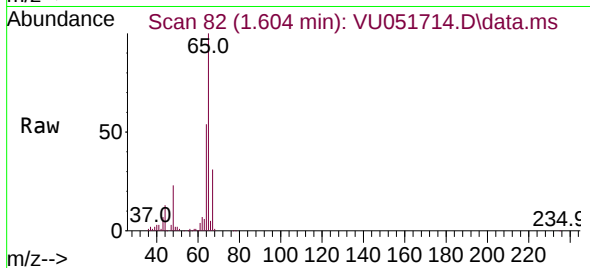




#5
 Vinyl chloride
 Concen: 0.114 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

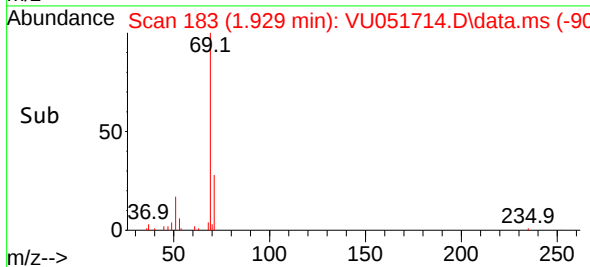
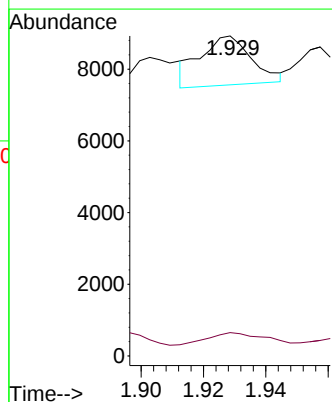
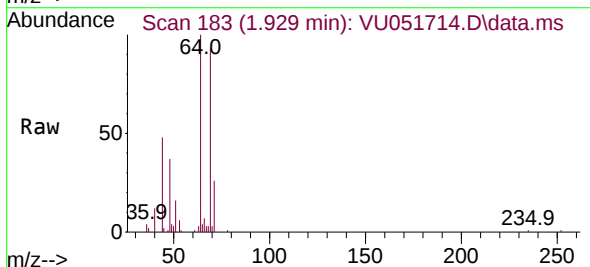
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP5

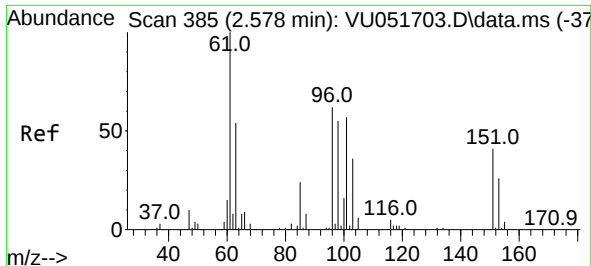
Tgt Ion: 62 Resp: 2549
 Ion Ratio Lower Upper
 62 100
 64 819.3 22.1 41.1#



#8
 Chloroethane
 Concen: 0.115 ug/L
 RT: 1.929 min Scan# 183
 Delta R.T. 0.000 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

Tgt Ion: 64 Resp: 1567
 Ion Ratio Lower Upper
 64 100
 66 7.3 22.3 41.5#

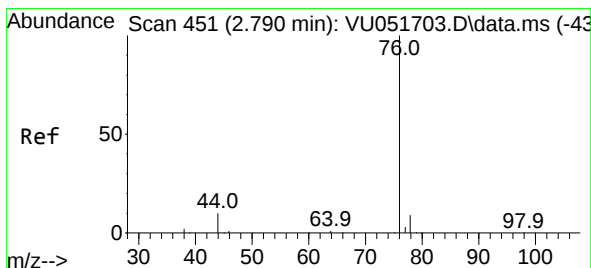
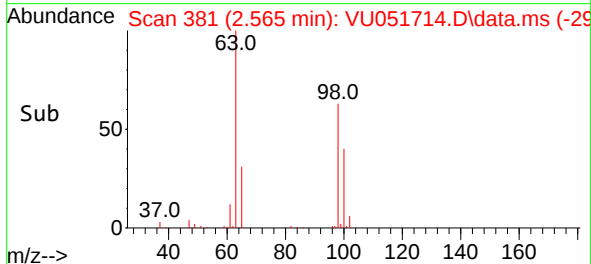
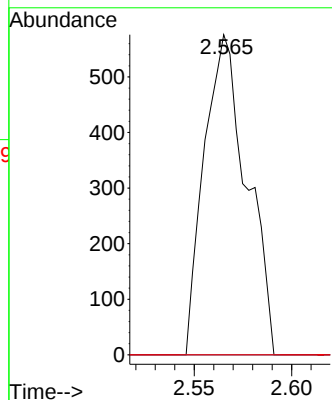
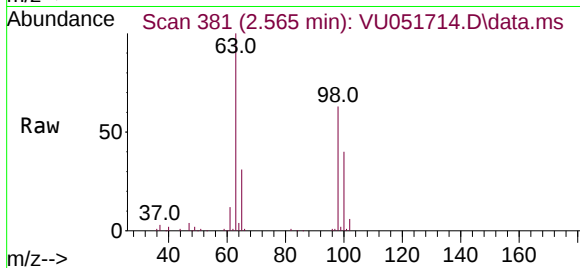




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

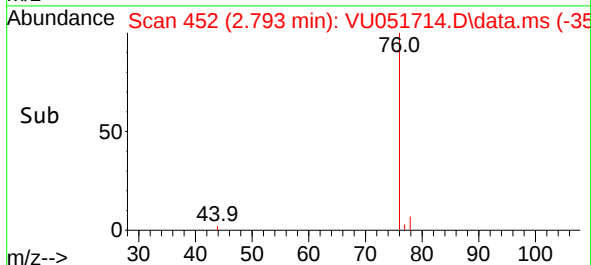
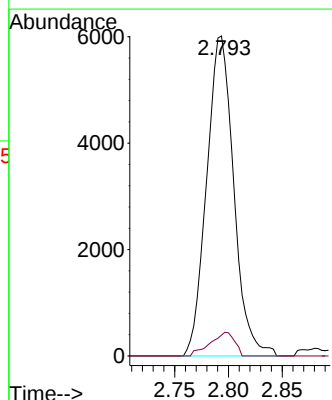
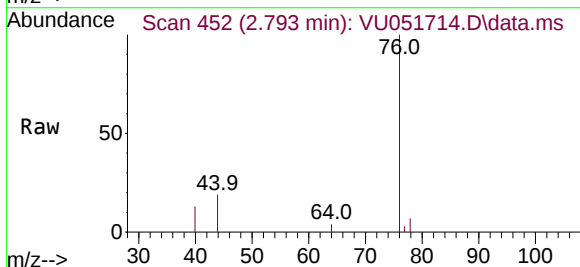
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP5

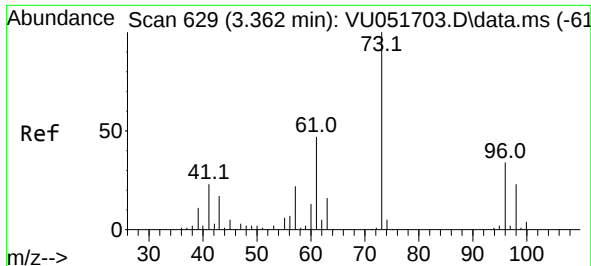
Tgt Ion:101 Resp: 876
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#14
 Carbon disulfide
 Concen: 0.222 ug/L
 RT: 2.793 min Scan# 452
 Delta R.T. 0.003 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

Tgt Ion: 76 Resp: 10538
 Ion Ratio Lower Upper
 76 100
 78 6.5 7.4 11.2#

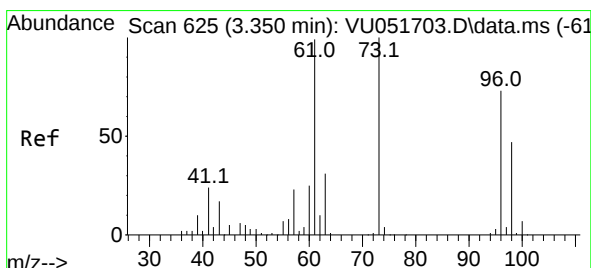
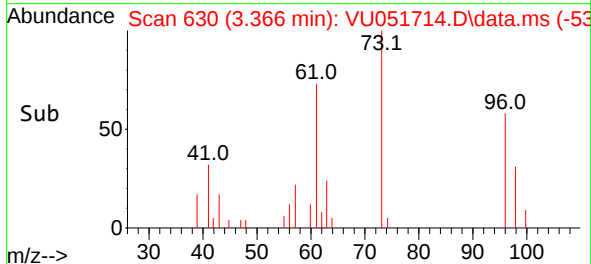
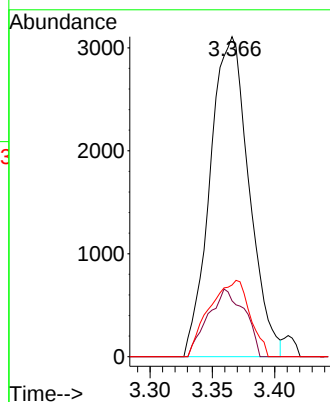
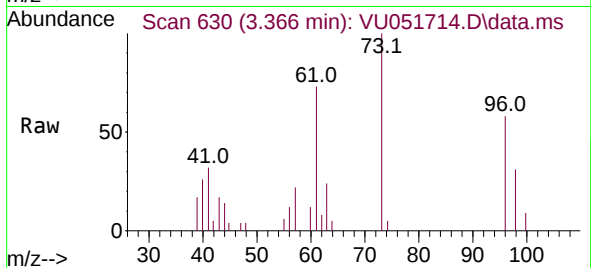




#17
Methyl tert-butyl Ether
Concen: 0.200 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051714.D
Acq: 03 Nov 2022 01:26

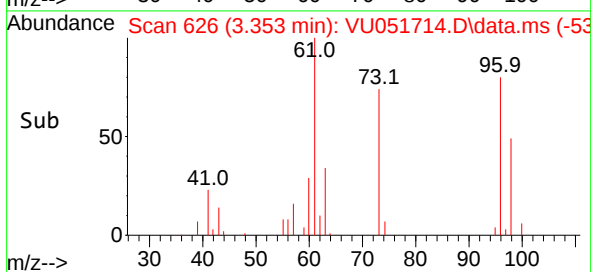
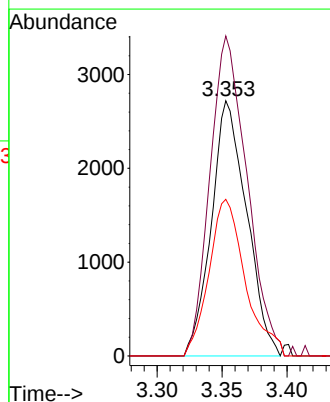
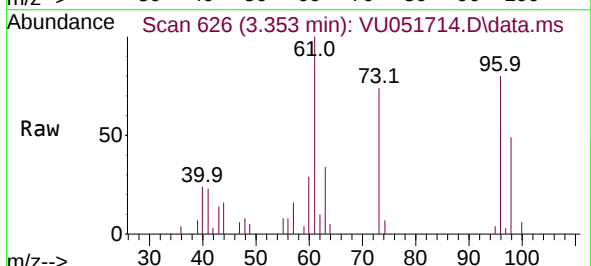
Instrument :
MSVOA_U
ClientSampleId :
DBWP5

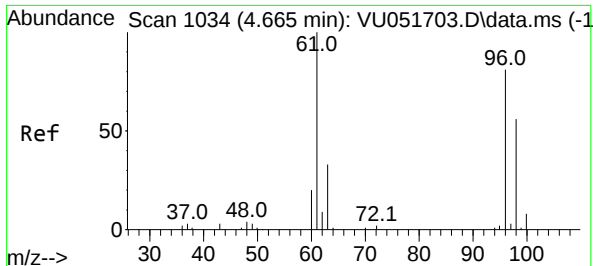
Tgt Ion: 73	Resp: 6762
Ion Ratio	Lower Upper
73 100	
43 19.8	13.6 20.4
57 24.8	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 0.325 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051714.D
Acq: 03 Nov 2022 01:26

Tgt Ion: 96	Resp: 5132		
Ion Ratio	Lower	Upper	
96 100			
61 125.4	94.7	175.9	
98 61.4	44.2	82.0	

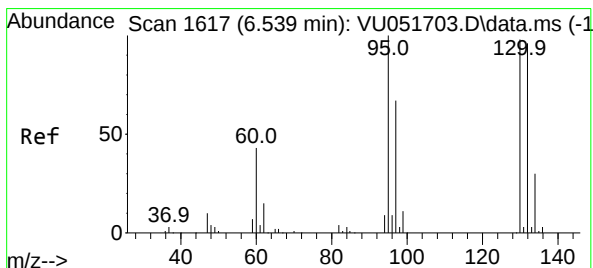
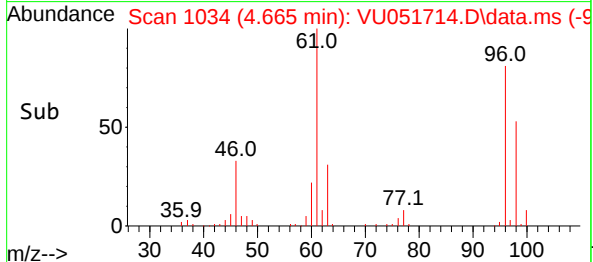
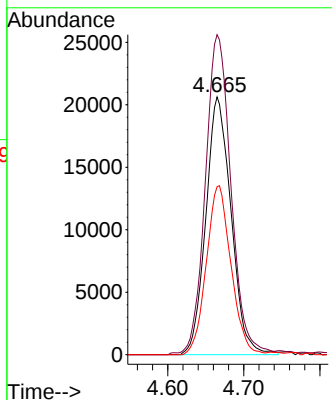
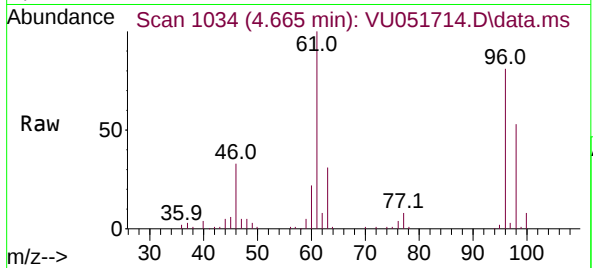




#22
 cis-1,2-Dichloroethene
 Concen: 2.724 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

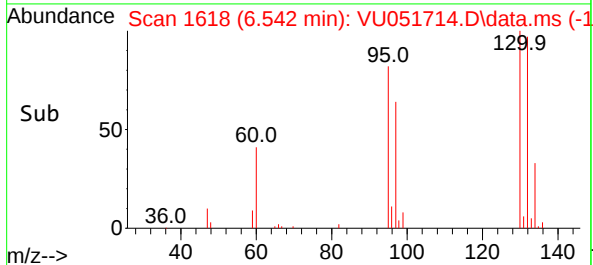
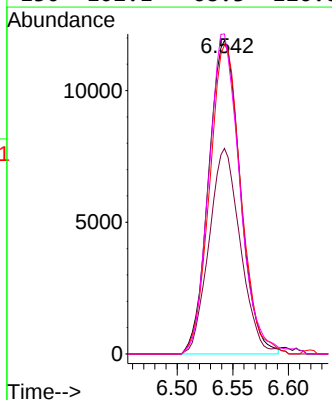
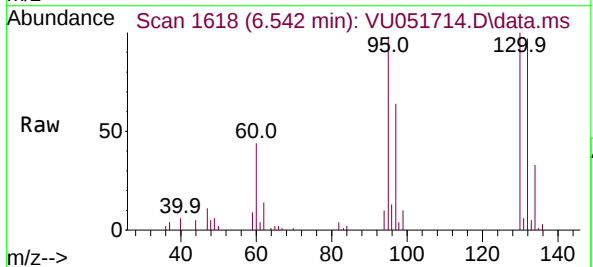
Instrument :
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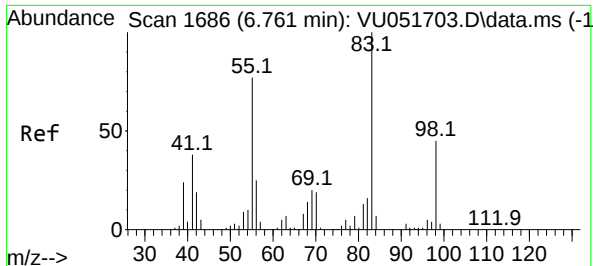
Tgt Ion: 96 Resp: 47645
 Ion Ratio Lower Upper
 96 100
 61 124.2 86.4 160.4
 98 65.2 44.2 82.2



#34
 Trichloroethene
 Concen: 1.294 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.003 min
 Lab File: VU051714.D
 Acq: 03 Nov 2022 01:26

Tgt Ion: 95 Resp: 23413
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.2 84.0
 132 98.6 66.5 123.5
 130 102.1 68.3 126.8





#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051714.D

Acq: 03 Nov 2022 01:26

Instrument :

MSVOA_U

ClientSampleId :

DBWP5

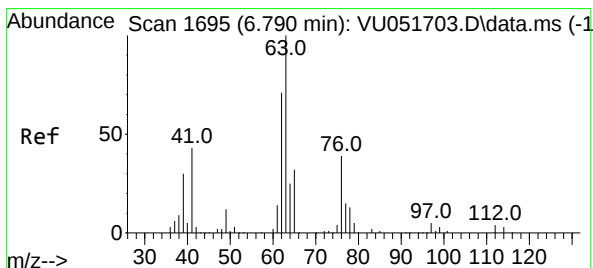
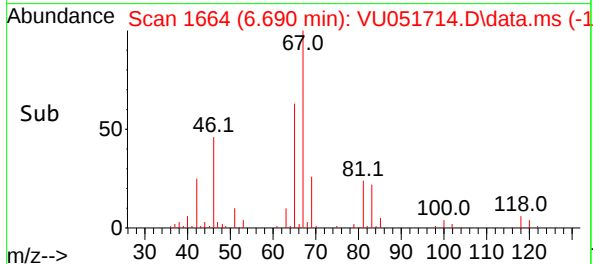
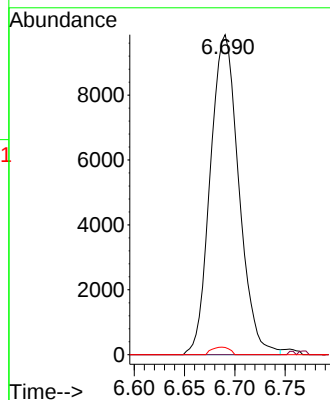
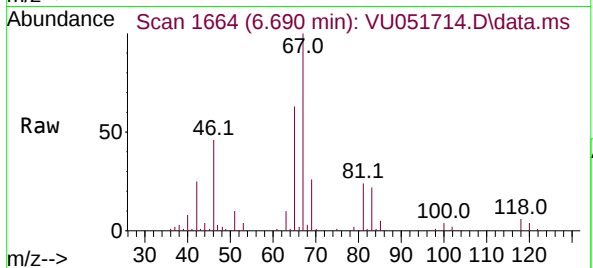
Tgt Ion: 83 Resp: 19486

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 1.5 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.421 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051714.D

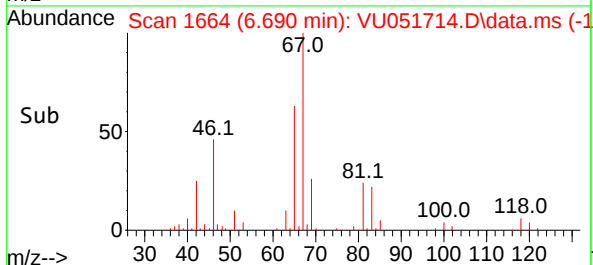
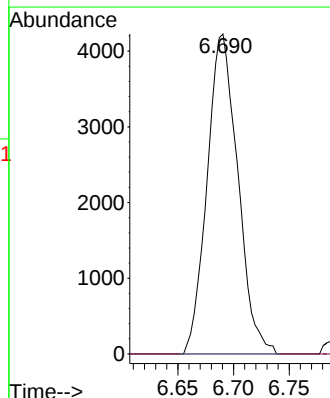
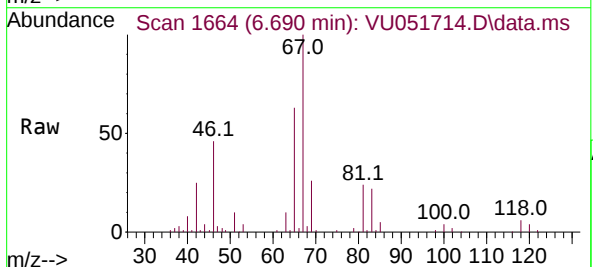
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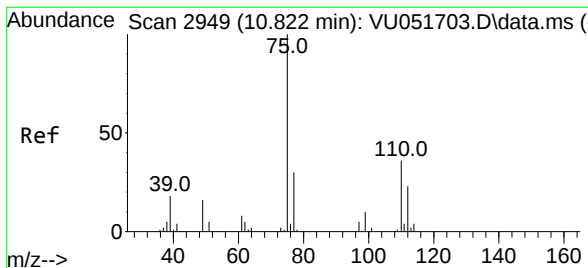
Tgt Ion: 63 Resp: 8115

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 0.909 ug/L

RT: 11.812 min Scan# 3151

Delta R.T. 0.990 min

Lab File: VU051714.D

Acq: 03 Nov 2022 01:26

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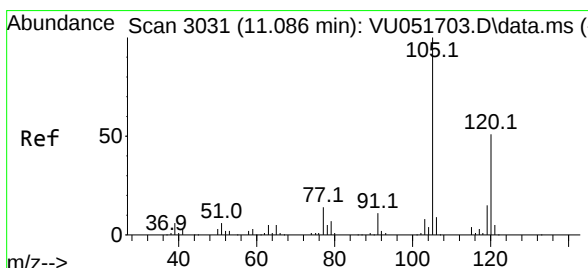
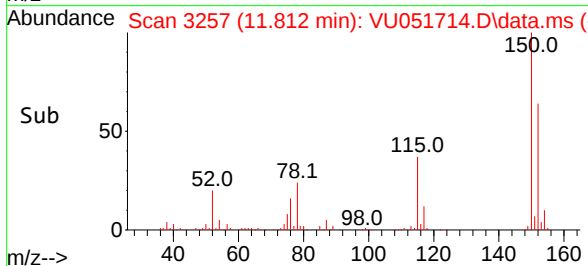
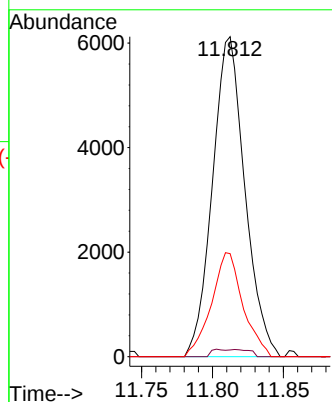
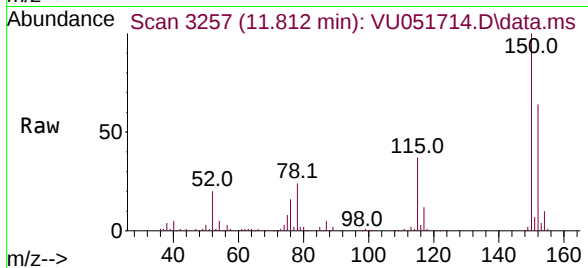
Tgt Ion: 75 Resp: 9731

Ion Ratio Lower Upper

75 100

110 1.0 28.7 43.1#

77 31.5 26.1 39.1



#62

1,3,5-Trimethylbenzene

Concen: 0.086 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.386 min

Lab File: VU051714.D

Acq: 03 Nov 2022 01:26

Tgt Ion: 105 Resp: 1396

Ion Ratio Lower Upper

105 100

120 52.6 38.6 57.8

