

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050320.D
 Acq On : 13 Aug 2022 15:50
 Operator : SY/MD
 Sample : N4072-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX0DL

Quant Time: Aug 14 01:27:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

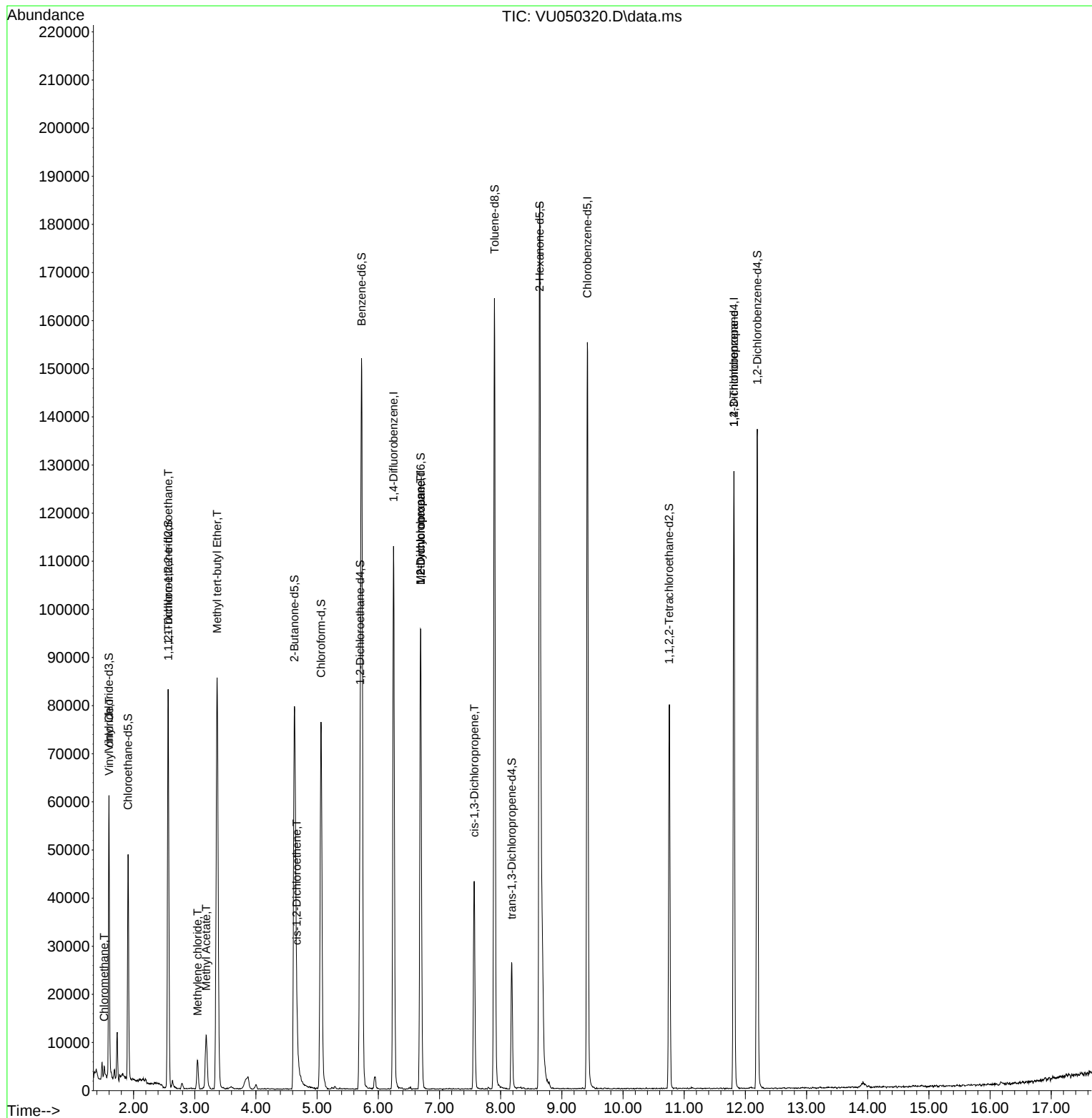
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41815	5.477	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.909	69	34831	5.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.200%		
11) 1,1-Dichloroethene-d2	2.565	65	15618	5.234	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.600%		
20) 2-Butanone-d5	4.629	46	103401	55.542	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.080%		
24) Chloroform-d	5.063	84	72841	5.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
26) 1,2-Dichloroethane-d4	5.703	65	38023	5.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.400%		
32) Benzene-d6	5.729	84	143720	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.400%		
36) 1,2-Dichloropropane-d6	6.693	67	48609	5.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.200%		
41) Toluene-d8	7.899	98	114192	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.200%		
43) trans-1,3-Dichloroprop...	8.182	79	15944	4.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.400%		
46) 2-Hexanone-d5	8.635	63	57932	48.869	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.740%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	41994	5.126	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	37418	5.374	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2184	0.199	ug/L	99
5) Vinyl chloride	1.600	62	815	0.083	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	417	0.069	ug/L #	22
15) Methyl Acetate	3.186	43	1133	0.400	ug/L #	46
16) Methylene chloride	3.044	84	3119	0.322	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	90324	5.458	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	799	0.101	ug/L #	90
35) Methylcyclohexane	6.690	83	10459	1.053	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4779	0.564	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1051	0.095	ug/L #	73
61) 1,2,3-Trichloropropane	11.812	75	4497	0.929	ug/L #	67

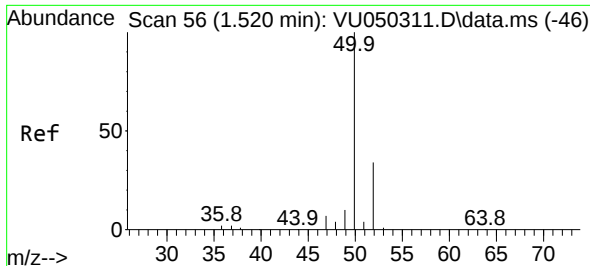
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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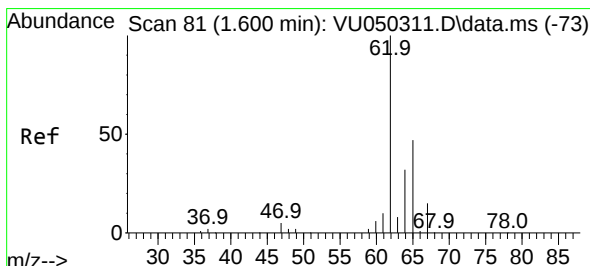
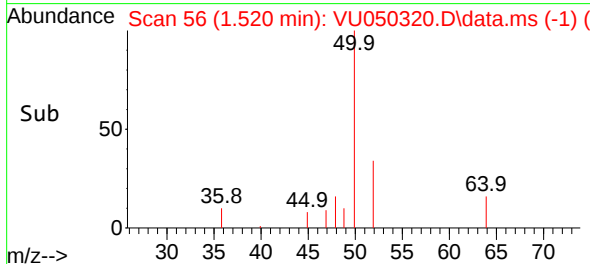
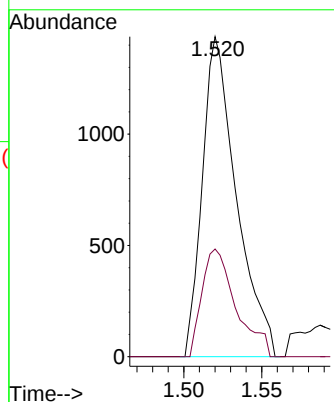
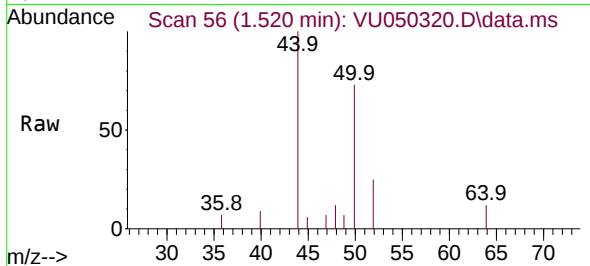




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050320.D
Acq: 13 Aug 2022 15:50

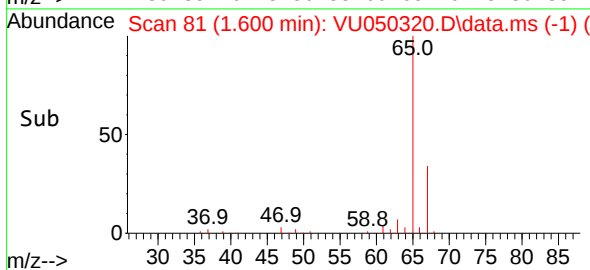
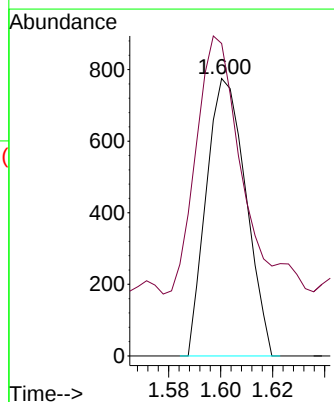
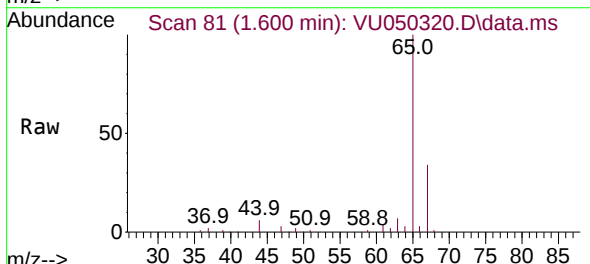
Instrument :
MSVOA_U
ClientSampleId :
DBUX0DL

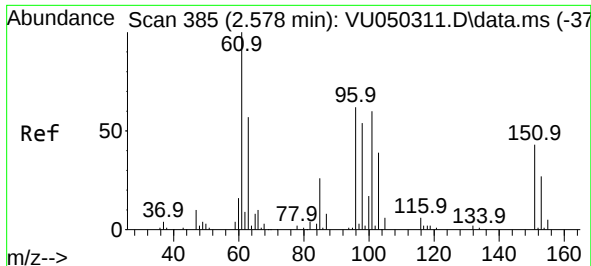
Tgt Ion: 50 Resp: 2184
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2



#5
Vinyl chloride
Concen: 0.083 ug/L
RT: 1.600 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050320.D
Acq: 13 Aug 2022 15:50

Tgt Ion: 62 Resp: 815
Ion Ratio Lower Upper
62 100
64 112.6 22.8 42.4#

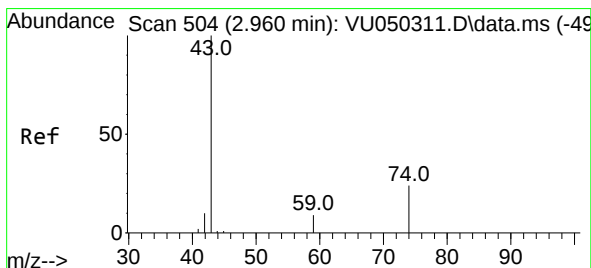
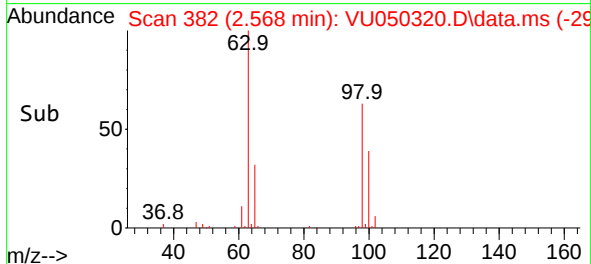
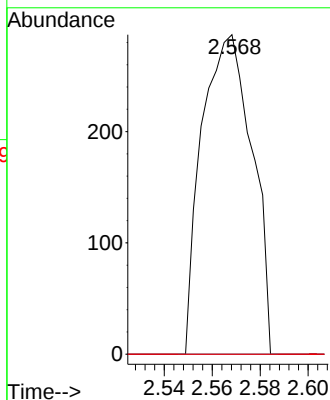
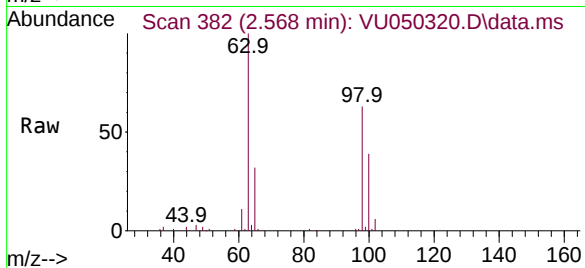




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU050320.D
 Acq: 13 Aug 2022 15:50

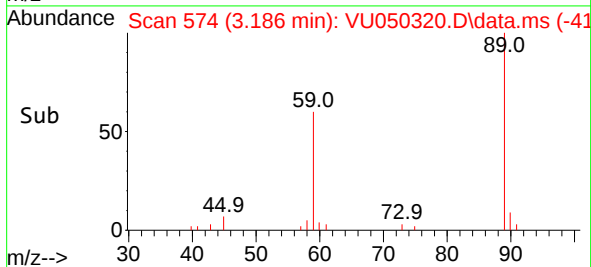
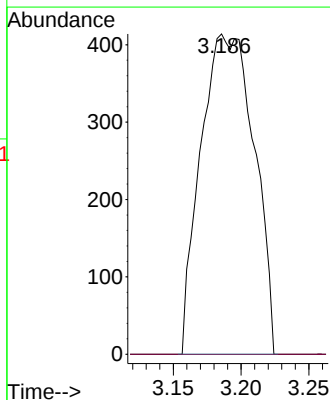
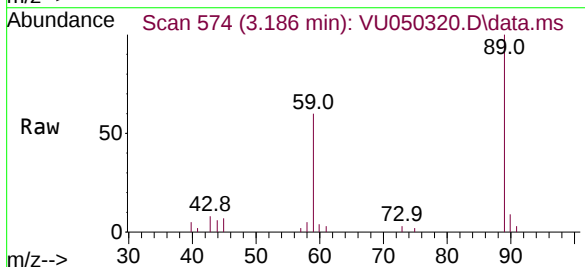
Instrument :
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 ClientSampleId :
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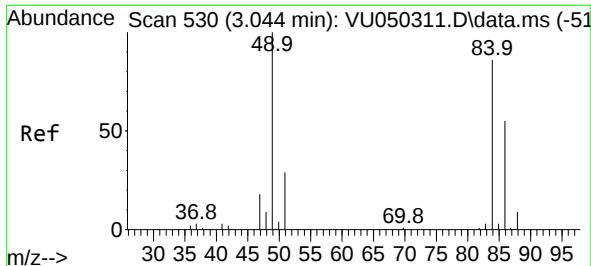
Tgt Ion:101 Resp: 417
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#15
 Methyl Acetate
 Concen: 0.400 ug/L
 RT: 3.186 min Scan# 574
 Delta R.T. 0.225 min
 Lab File: VU050320.D
 Acq: 13 Aug 2022 15:50

Tgt Ion: 43 Resp: 1133
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.7 34.1#

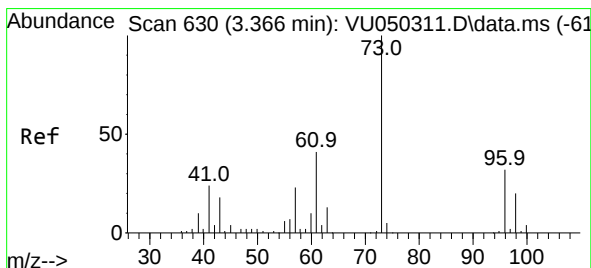
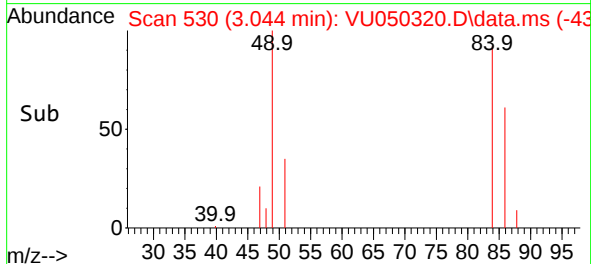
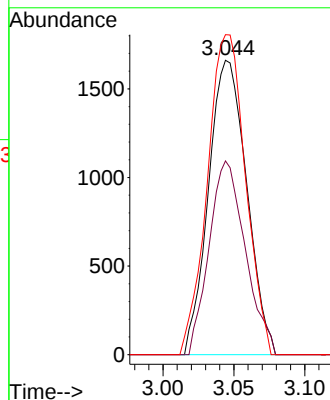
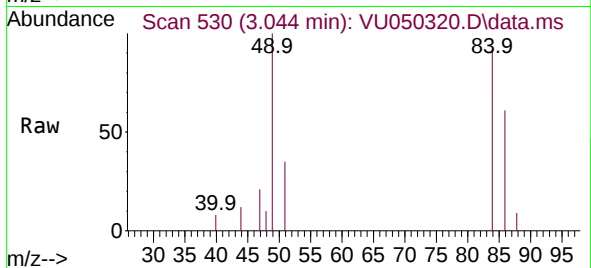




#16
Methylene chloride
Concen: 0.322 ug/L
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU050320.D
Acq: 13 Aug 2022 15:50

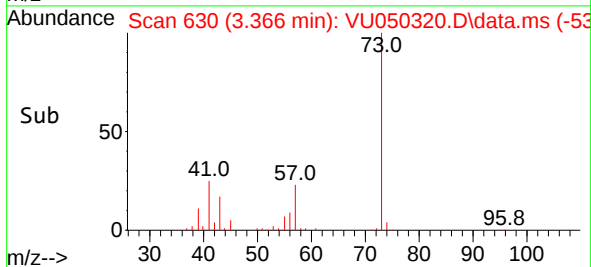
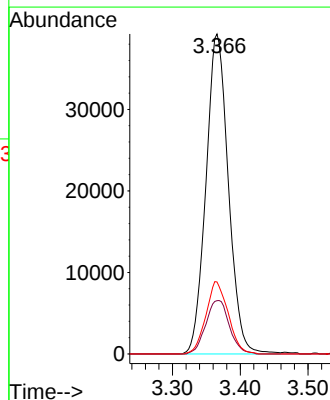
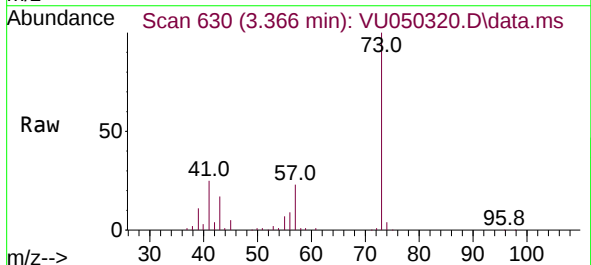
Instrument :
MSVOA_U
ClientSampleId :
DBUX0DL

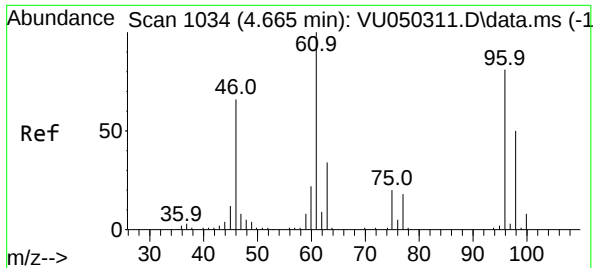
Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
86 65.8 45.9 85.3
49 108.7 77.6 144.0



#17
Methyl tert-butyl Ether
Concen: 5.458 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050320.D
Acq: 13 Aug 2022 15:50

Tgt Ion: 73 Resp: 90324
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 22.5 17.4 26.2

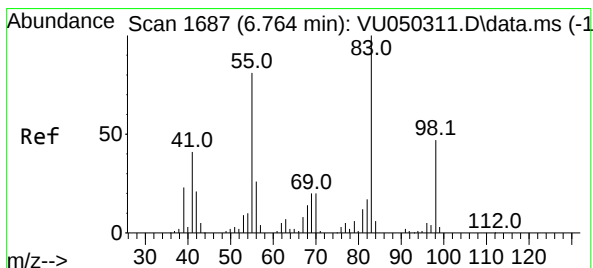
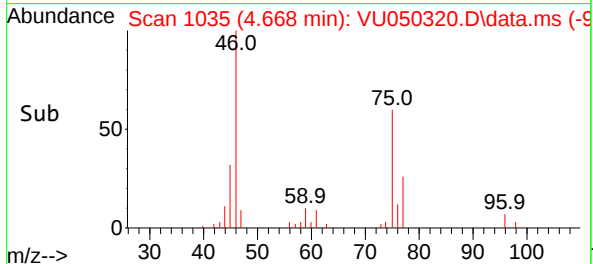
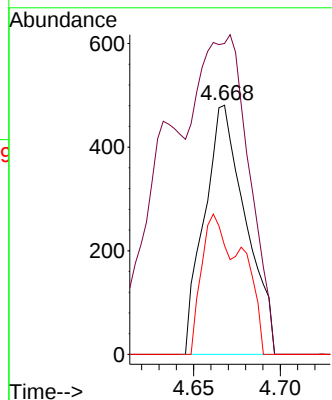
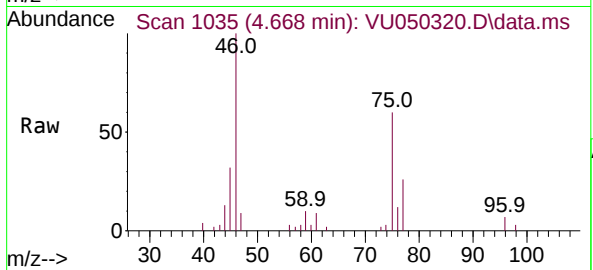




#22
 cis-1,2-Dichloroethene
 Concen: 0.101 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU050320.D
 Acq: 13 Aug 2022 15:50

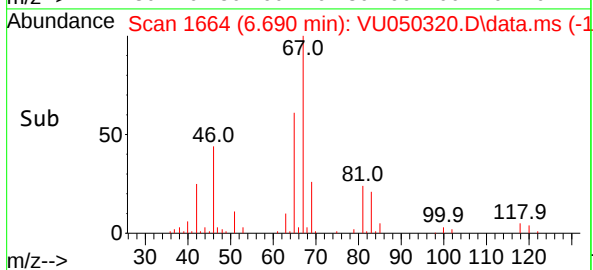
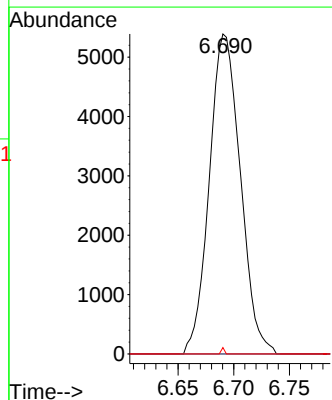
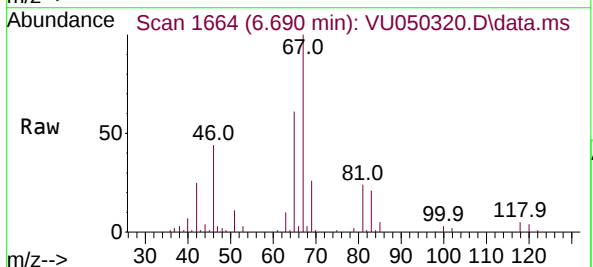
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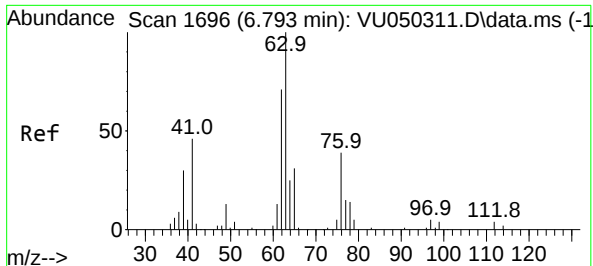
Tgt Ion: 96 Resp: 799
 Ion Ratio Lower Upper
 96 100
 61 124.7 89.0 165.4
 98 43.7 45.2 84.0#



#35
 Methylcyclohexane
 Concen: 1.053 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.074 min
 Lab File: VU050320.D
 Acq: 13 Aug 2022 15:50

Tgt Ion: 83 Resp: 10459
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.7 94.1#
 98 0.2 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050320.D

Acq: 13 Aug 2022 15:50

Instrument :

MSVOA_U

ClientSampleId :

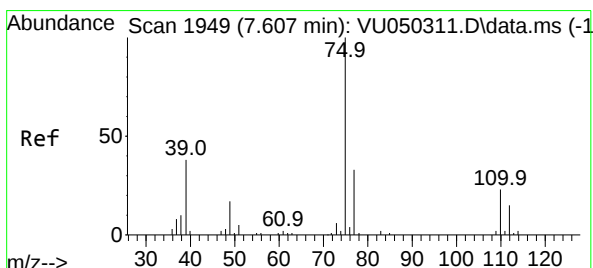
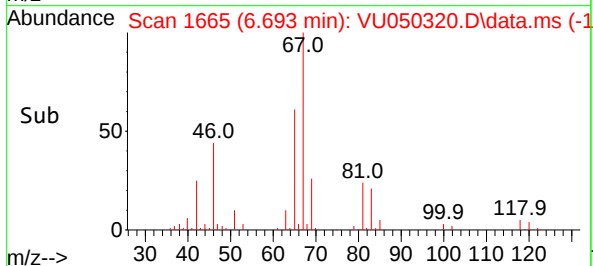
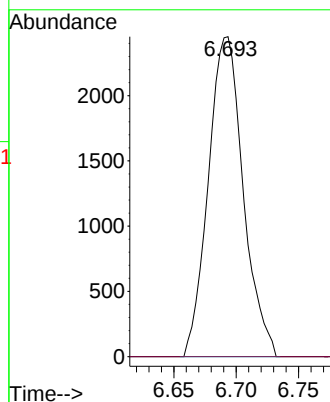
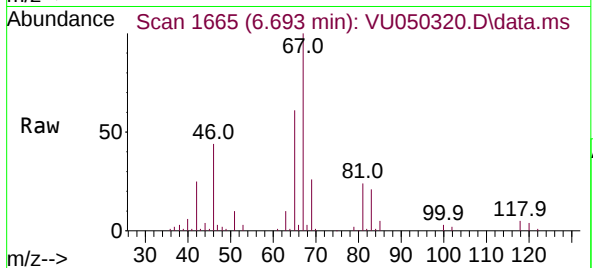
DBUX0DL

Tgt Ion: 63 Resp: 4779

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU050320.D

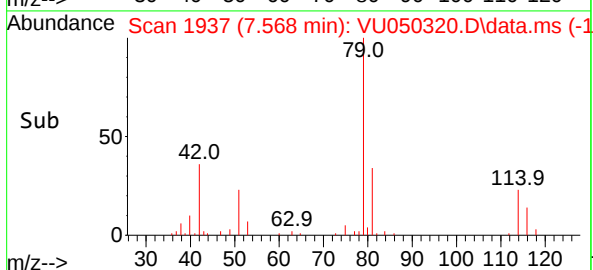
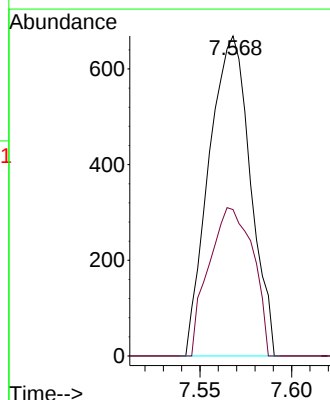
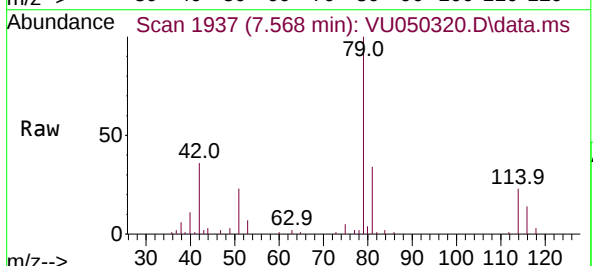
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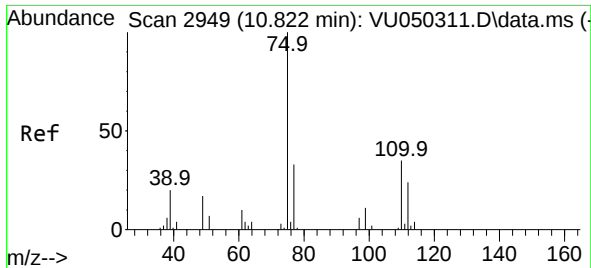
Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

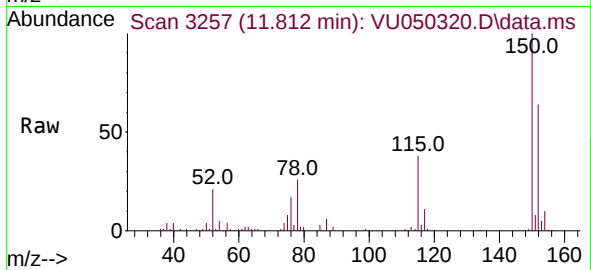
77 45.7 21.8 40.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.929 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050320.D
 Acq: 13 Aug 2022 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUX0DL



Tgt Ion: 75 Resp: 4497
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 31.3 25.8 38.6

