

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050159.D
 Acq On : 09 Aug 2022 01:55
 Operator : SY/MD
 Sample : N4075-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV4

Quant Time: Aug 09 05:18:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

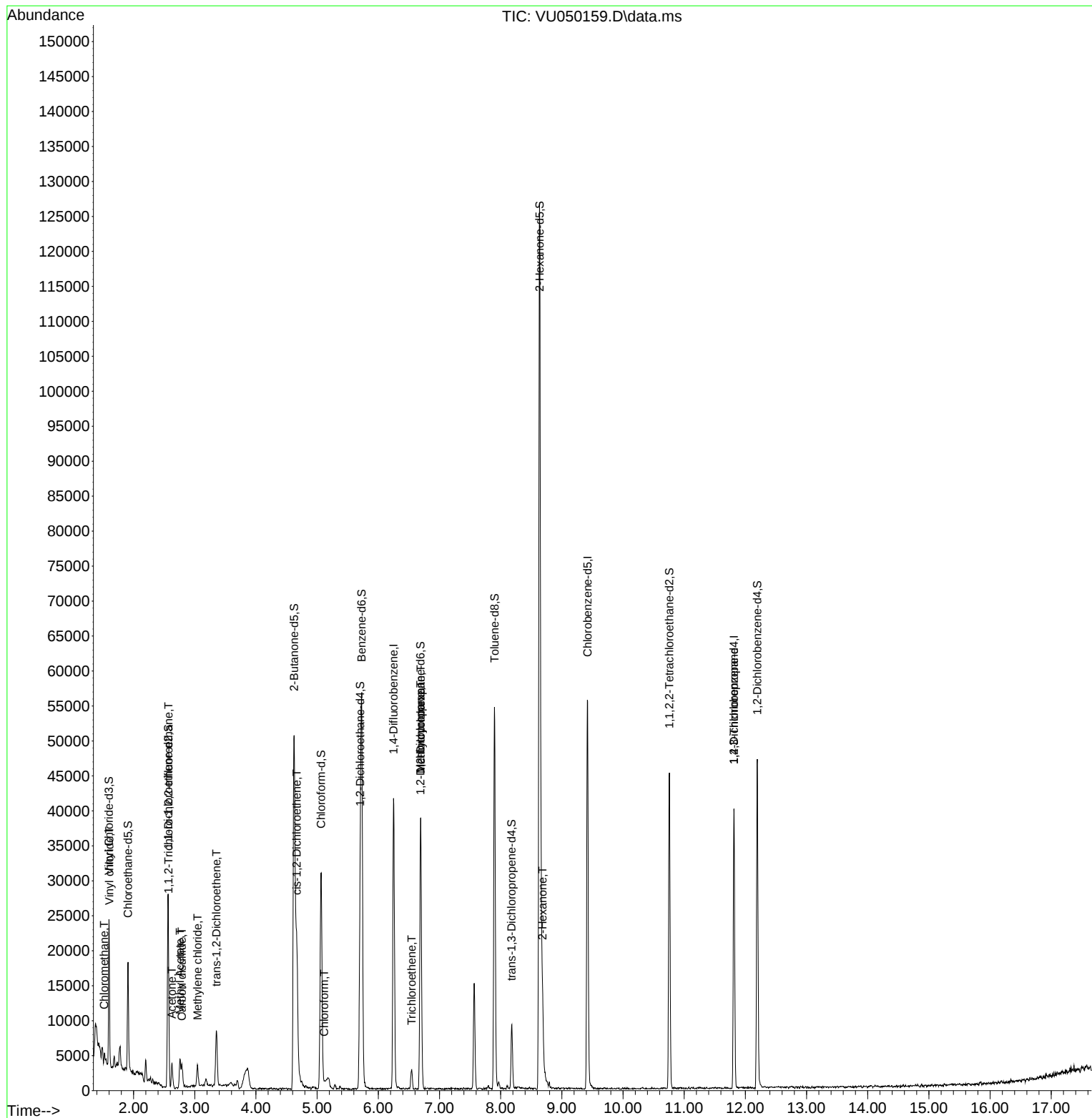
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	34749	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	33563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	11515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	12818	4.433	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.909	69	12017	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.565	65	5470	4.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.623	46	73760	104.594	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	209.180%#	
24) Chloroform-d	5.063	84	29799	5.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.800%	
26) 1,2-Dichloroethane-d4	5.703	65	18753	6.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	135.800%#	
32) Benzene-d6	5.729	84	53350	5.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.690	67	19729	5.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.899	98	39046	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.179	79	6076	4.916	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.636	63	39838	90.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	181.780%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	23668	7.814	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	156.200%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	12905	5.720	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1392	0.334	ug/L	94
5) Vinyl chloride	1.604	62	1735	0.465	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	124	0.055	ug/L #	22
13) Acetone	2.626	43	3967	10.101	ug/L	98
14) Carbon disulfide	2.790	76	4026	0.469	ug/L	98
15) Methyl Acetate	2.758	43	1357	1.265	ug/L #	46
16) Methylene chloride	3.044	84	1567	0.427	ug/L	94
18) trans-1,2-Dichloroethene	3.356	96	3642	1.354	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	8989	3.011	ug/L	96
25) Chloroform	5.115	83	72	0.013	ug/L #	17
34) Trichloroethene	6.546	95	1081	0.380	ug/L	88
35) Methylcyclohexane	6.694	83	4449	1.212	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	2024	0.646	ug/L #	89
48) 2-Hexanone	8.684	43	5554	3.958	ug/L #	80
61) 1,2,3-Trichloropropane	11.812	75	1365	0.870	ug/L #	68

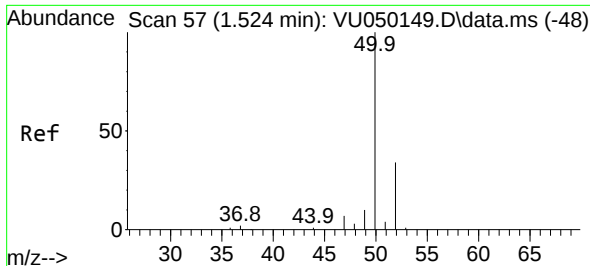
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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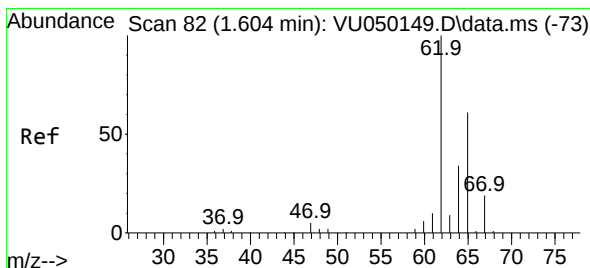
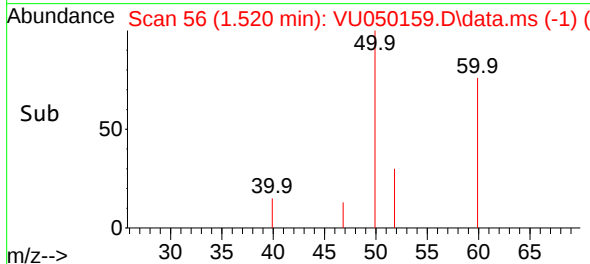
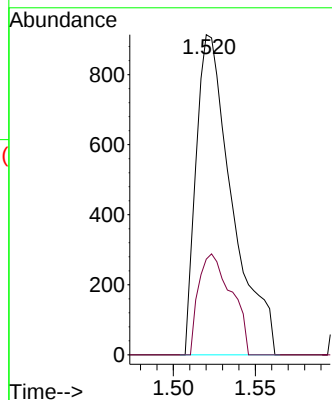
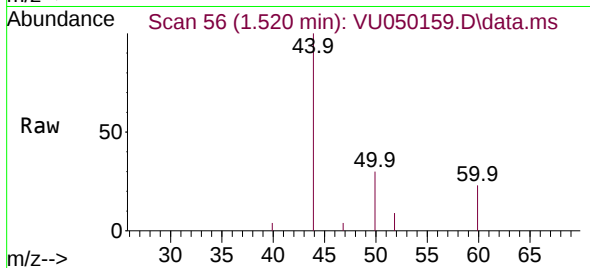




#3
Chloromethane
Concen: 0.334 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

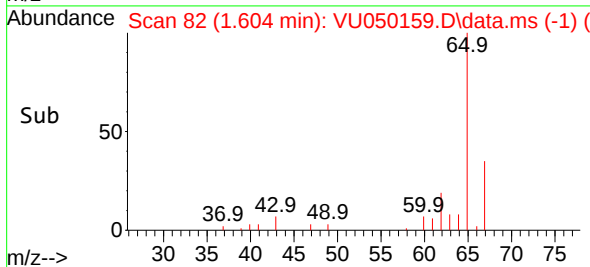
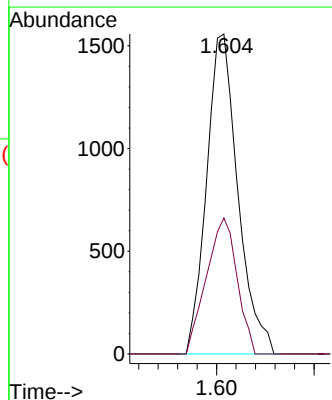
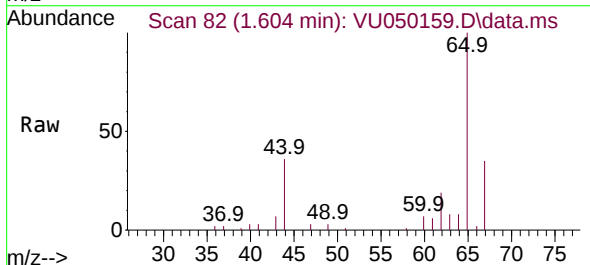
Instrument :
MSVOA_U
ClientSampleId :
DBUV4

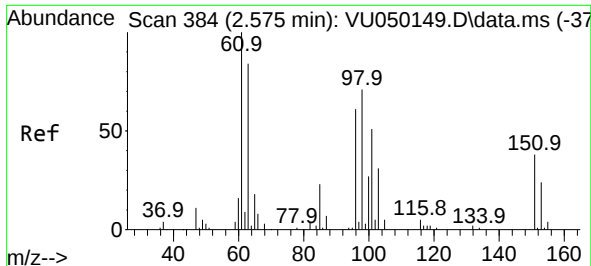
Tgt Ion: 50 Resp: 1392
Ion Ratio Lower Upper
50 100
52 29.9 23.2 43.2



#5
Vinyl chloride
Concen: 0.465 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

Tgt Ion: 62 Resp: 1735
Ion Ratio Lower Upper
62 100
64 42.5 22.8 42.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.055 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU050159.D

Acq: 09 Aug 2022 01:55

Instrument :

MSVOA_U

ClientSampleId :

DBUV4

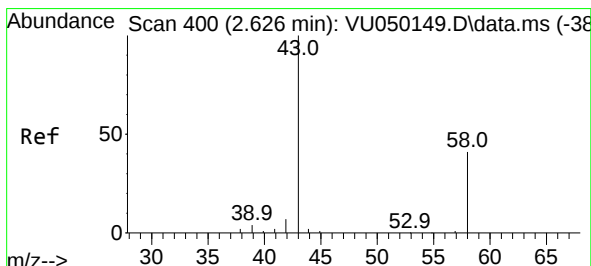
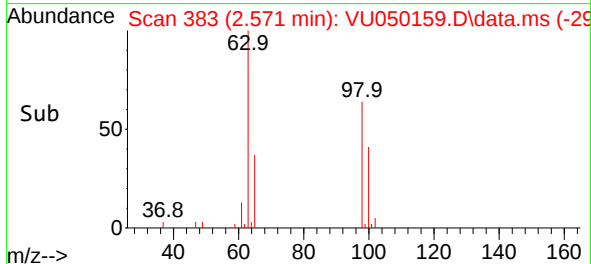
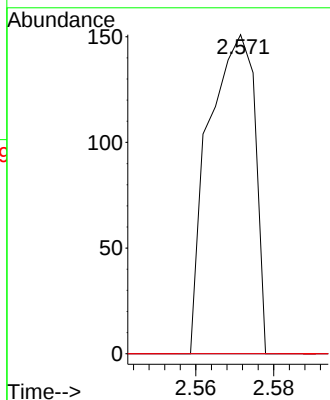
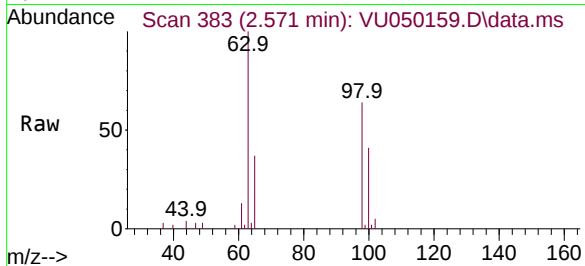
Tgt Ion:101 Resp: 124

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#



#13

Acetone

Concen: 10.101 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU050159.D

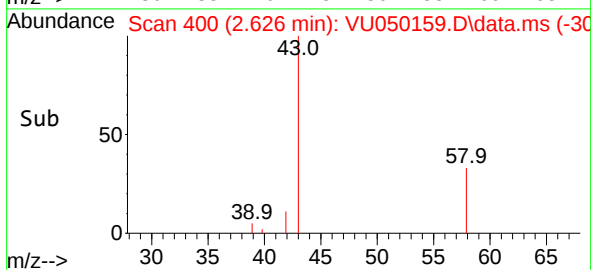
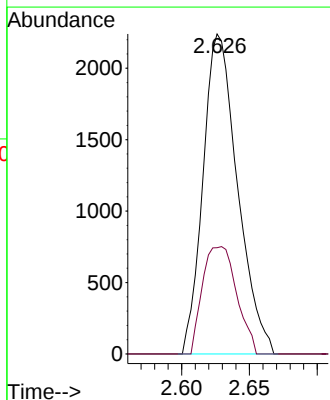
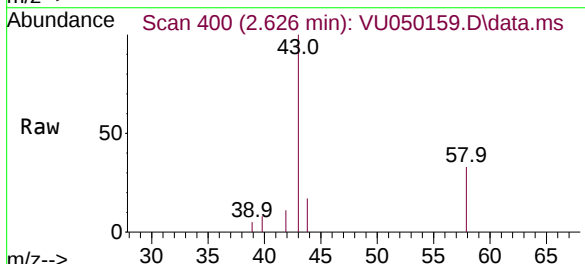
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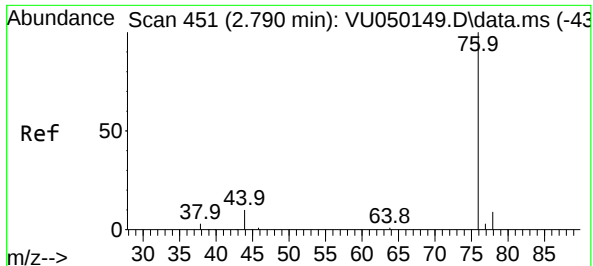
Tgt Ion: 43 Resp: 3967

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0

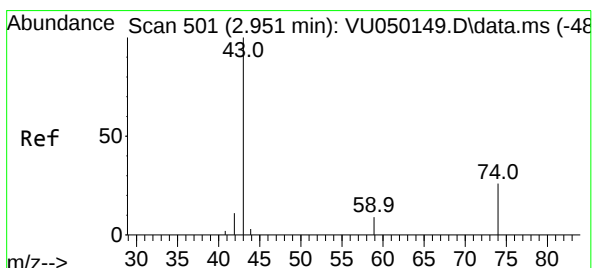
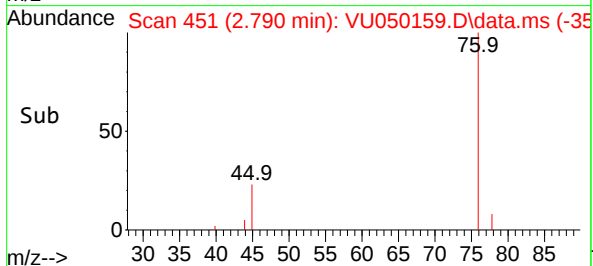
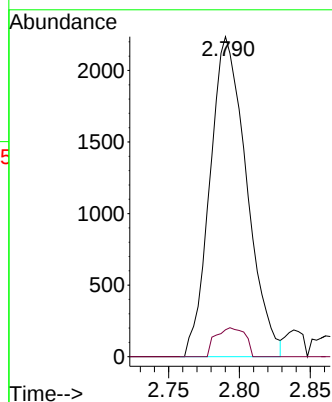
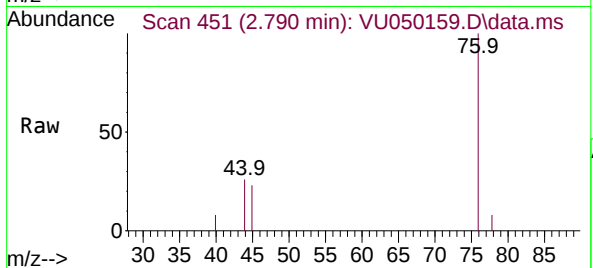




#14
Carbon disulfide
Concen: 0.469 ug/L
RT: 2.790 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

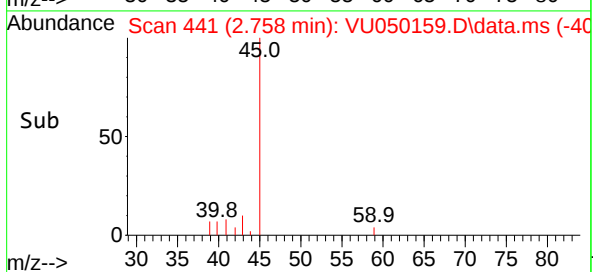
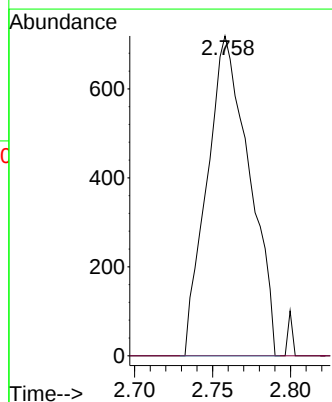
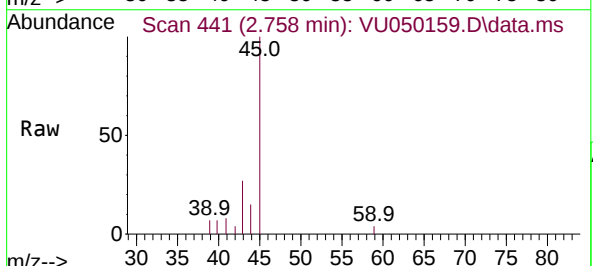
Instrument :
MSVOA_U
ClientSampleId :
DBUV4

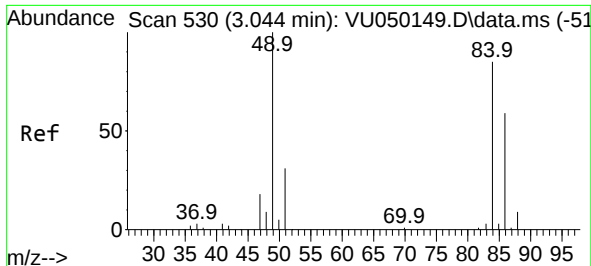
Tgt Ion: 76 Resp: 4026
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#15
Methyl Acetate
Concen: 1.265 ug/L
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#

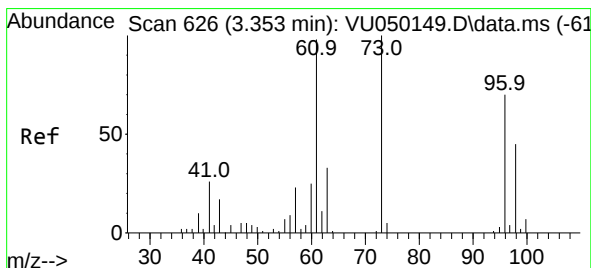
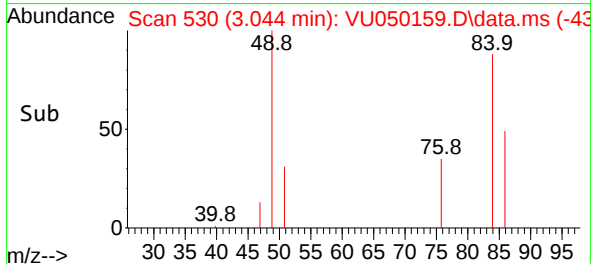
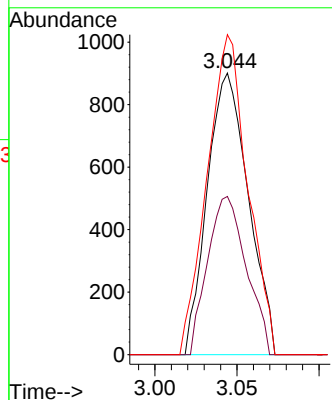
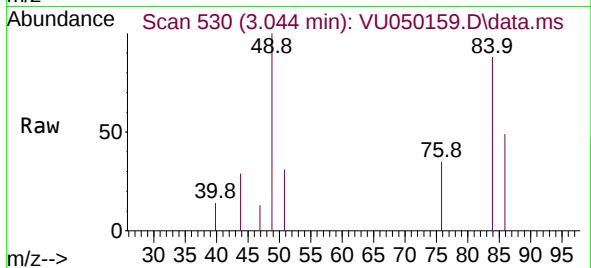




#16
Methylene chloride
Concen: 0.427 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

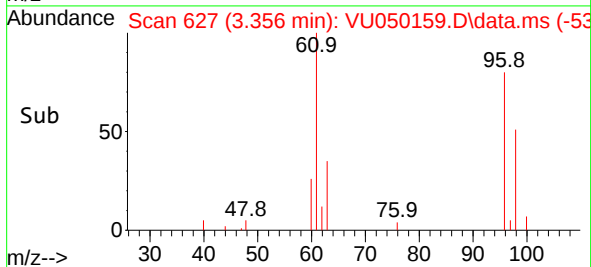
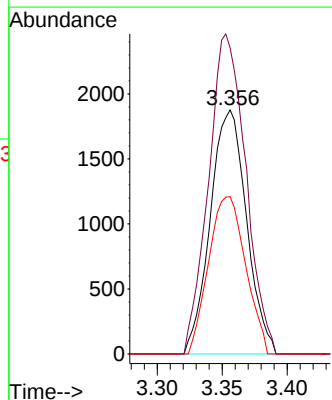
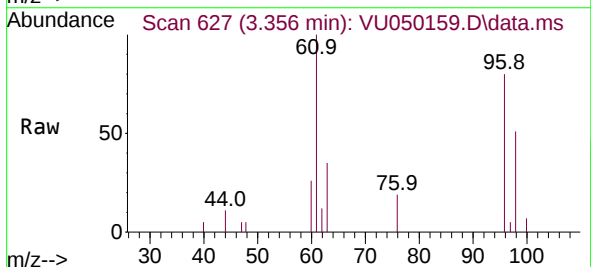
Instrument :
MSVOA_U
ClientSampleId :
DBUV4

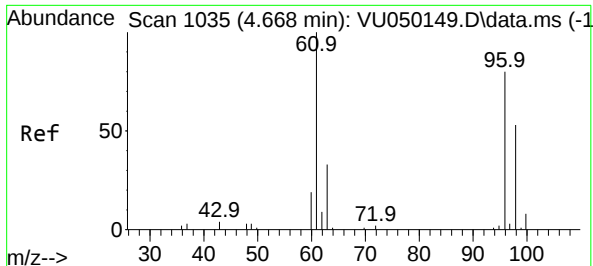
Tgt Ion: 84 Resp: 1567
Ion Ratio Lower Upper
84 100
86 56.2 45.9 85.3
49 113.7 77.6 144.0



#18
trans-1,2-Dichloroethene
Concen: 1.354 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

Tgt Ion: 96 Resp: 3642
Ion Ratio Lower Upper
96 100
61 125.5 92.3 171.5
98 64.5 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 3.011 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050159.D

Acq: 09 Aug 2022 01:55

Instrument :

MSVOA_U

ClientSampleId :

DBUV4

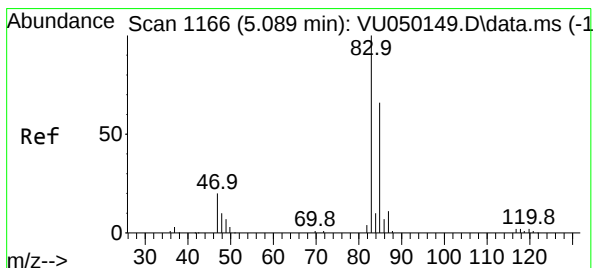
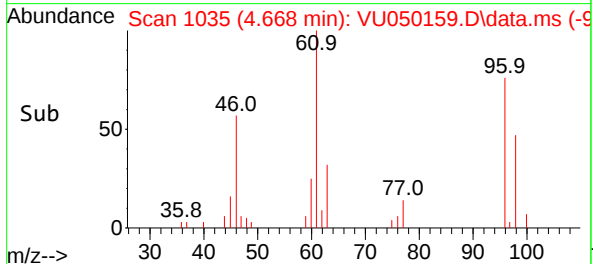
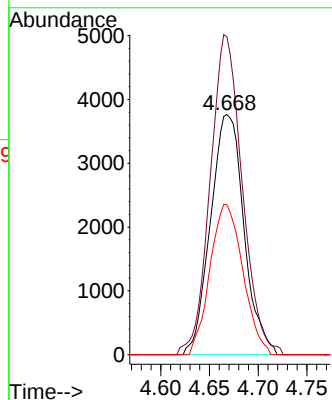
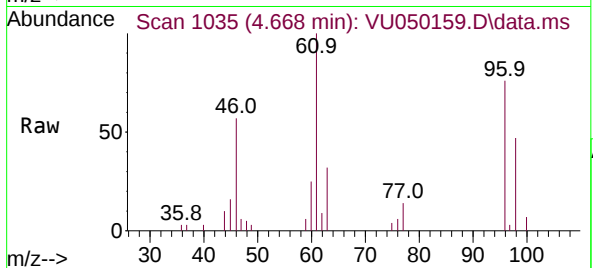
Tgt Ion: 96 Resp: 8989

Ion Ratio Lower Upper

96 100

61 132.4 89.0 165.4

98 62.5 45.2 84.0



#25

Chloroform

Concen: 0.013 ug/L

RT: 5.115 min Scan# 1174

Delta R.T. 0.026 min

Lab File: VU050159.D

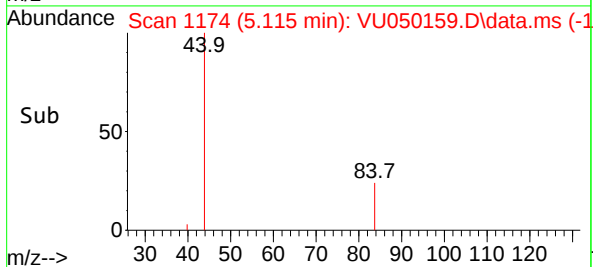
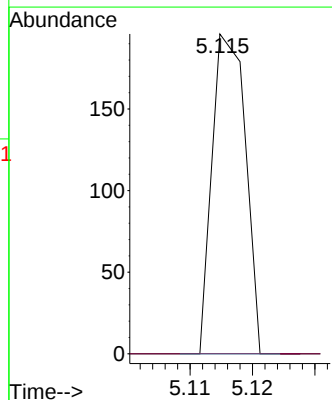
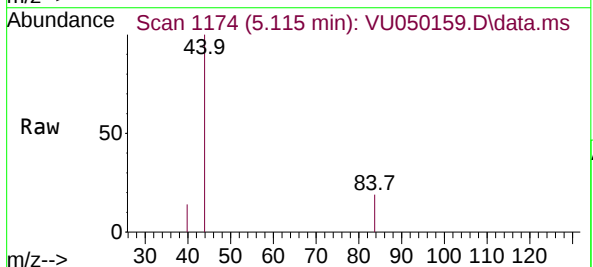
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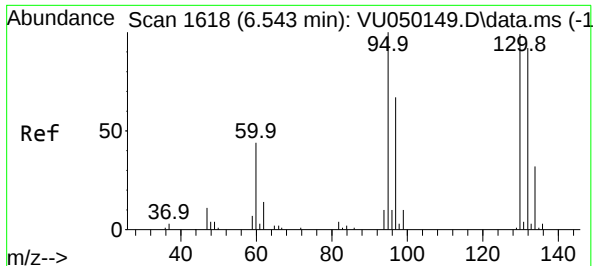
Tgt Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.5#

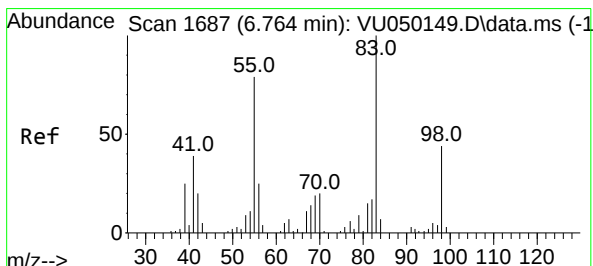
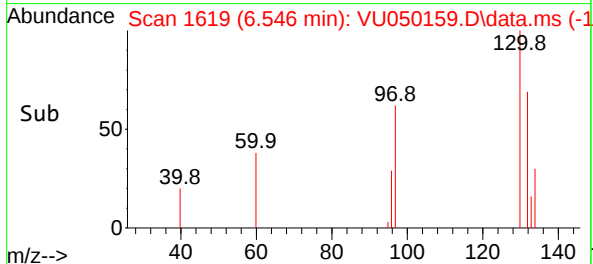
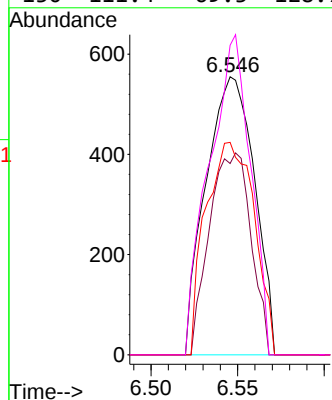
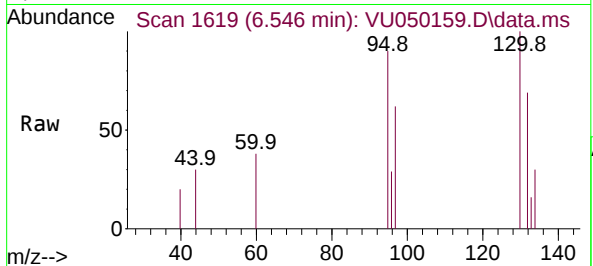




#34
Trichloroethene
Concen: 0.380 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

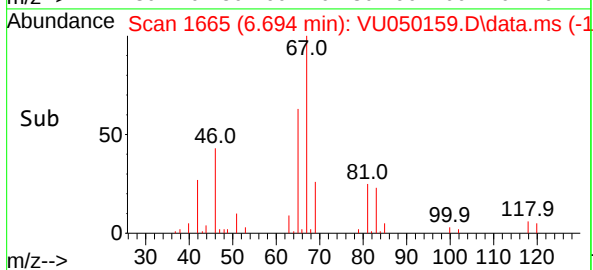
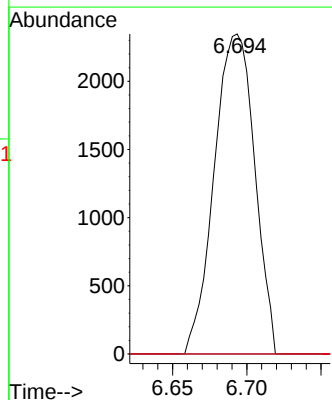
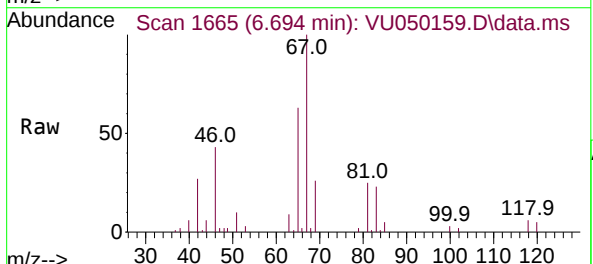
Instrument :
MSVOA_U
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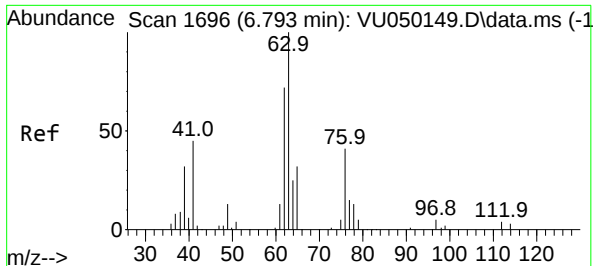
Tgt Ion: 95 Resp: 1081
Ion Ratio Lower Upper
95 100
97 68.8 45.6 84.8
132 76.4 65.0 120.6
130 111.4 69.3 128.7



#35
Methylcyclohexane
Concen: 1.212 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

Tgt Ion: 83 Resp: 4449
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.4 36.2 54.2#

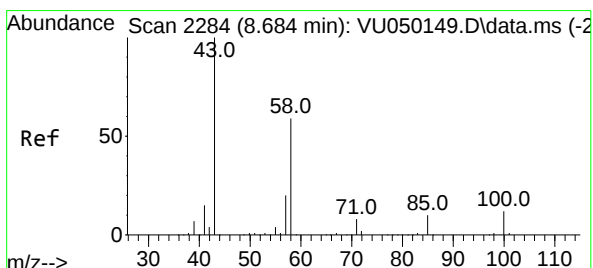
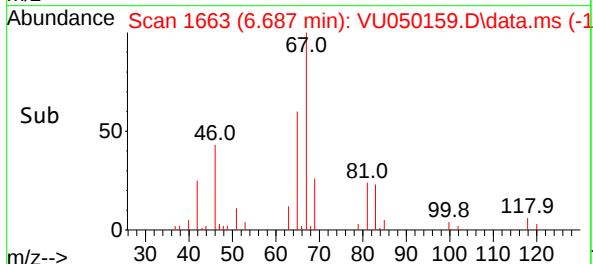
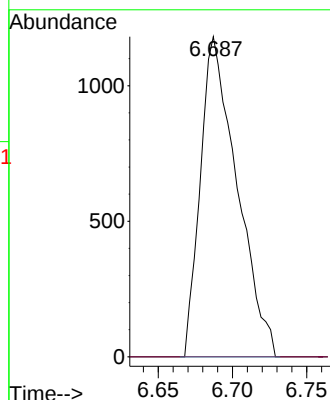
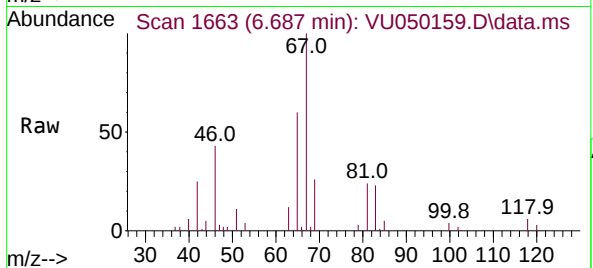




#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

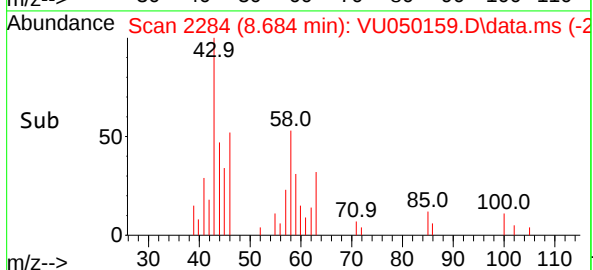
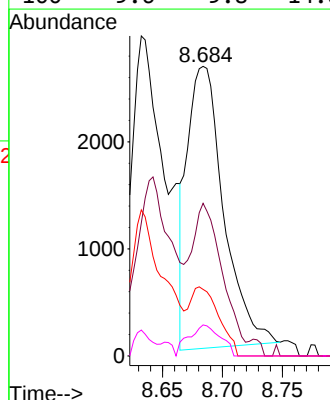
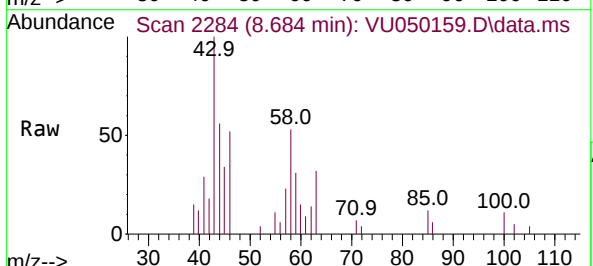
Instrument :
MSVOA_U
ClientSampleId :
DBUV4

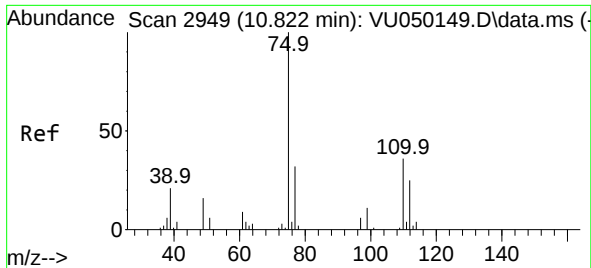
Tgt Ion: 63 Resp: 2024
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 3.958 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU050159.D
Acq: 09 Aug 2022 01:55

Tgt Ion: 43 Resp: 5554
Ion Ratio Lower Upper
43 100
58 40.9 50.6 76.0#
57 19.8 16.0 24.0
100 9.6 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.870 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050159.D
 Acq: 09 Aug 2022 01:55

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV4

Tgt Ion: 75 Resp: 1365
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 31.9 25.8 38.6

