

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050157.D
 Acq On : 09 Aug 2022 01:06
 Operator : SY/MD
 Sample : N4070-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJM1

Quant Time: Aug 09 05:18:10 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)

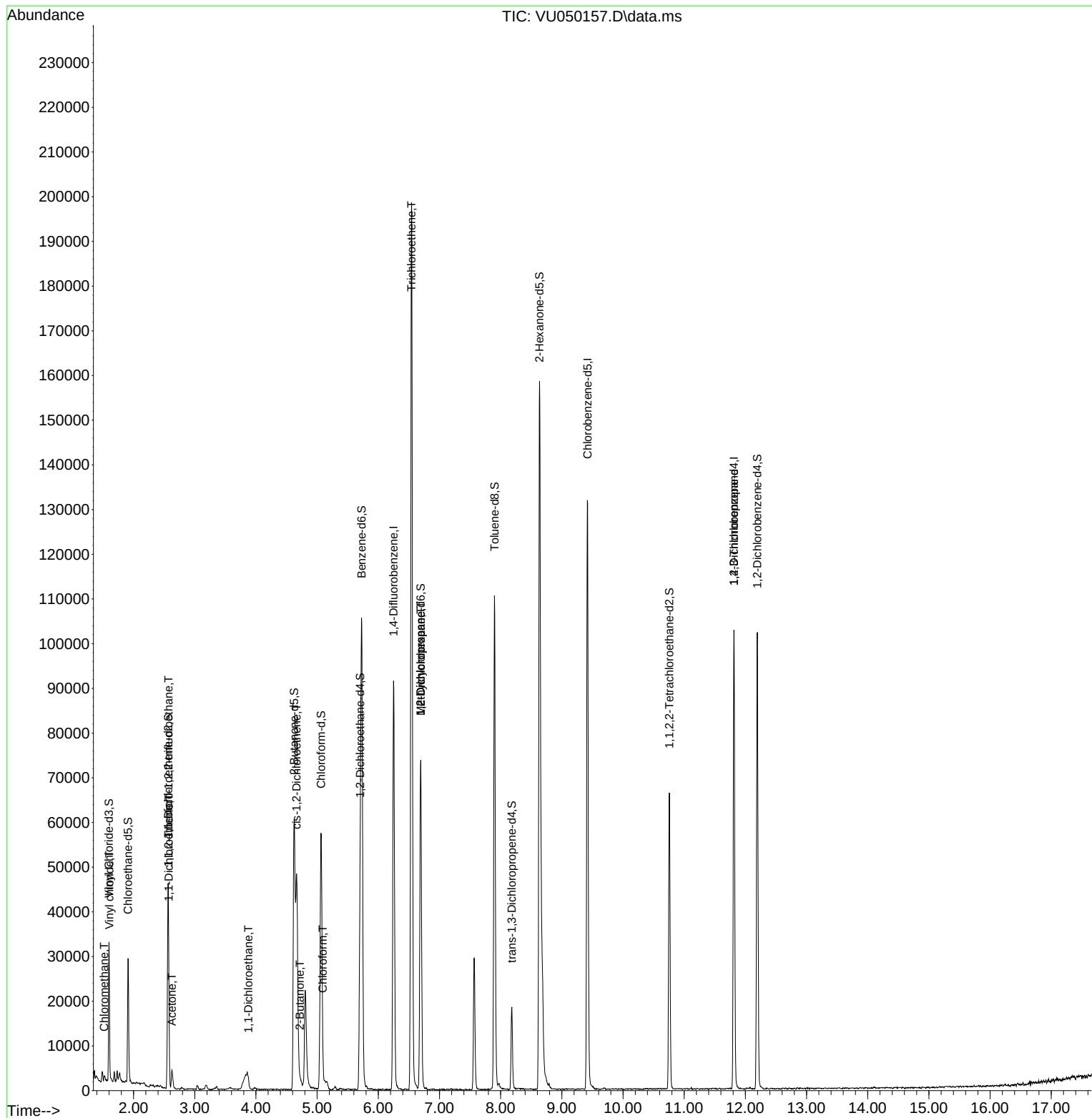
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	75897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21474	3.400	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.909	69	20698	4.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.565	65	8329	3.374	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	4.623	46	87942	57.095	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.200%	
24) Chloroform-d	5.063	84	55656	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.703	65	29942	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.729	84	100937	4.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.694	67	37805	4.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.899	98	76272	3.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
43) trans-1,3-Dichloroprop...	8.182	79	11157	3.891	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.632	63	50987	50.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.280%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35261	5.018	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	28447	4.996	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1363	0.150	ug/L	98
5) Vinyl chloride	1.604	62	1313	0.161	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	266	0.054	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	984	0.188	ug/L #	1
13) Acetone	2.626	43	5172	6.029	ug/L	100
19) 1,1-Dichloroethane	3.877	63	1023	0.092	ug/L #	87
21) 2-Butanone	4.716	43	2208	1.431	ug/L	78
22) cis-1,2-Dichloroethene	4.665	96	21965	3.369	ug/L	97
25) Chloroform	5.092	83	925	0.078	ug/L	97
34) Trichloroethene	6.542	95	71926	10.901	ug/L	98
35) Methylcyclohexane	6.694	83	8317	0.976	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3722	0.512	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	3458	0.873	ug/L #	66

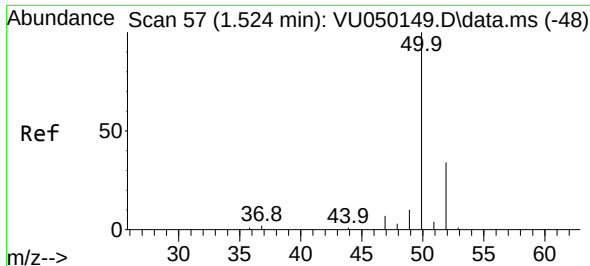
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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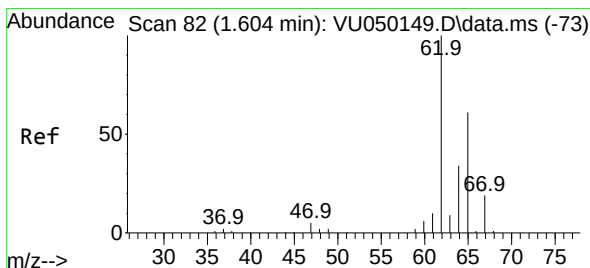
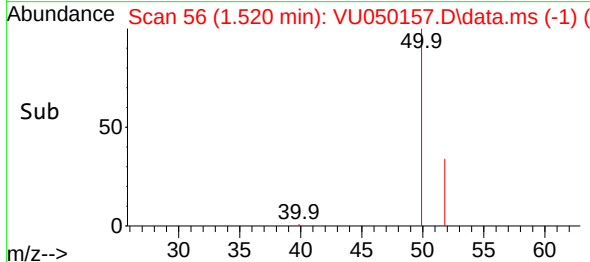
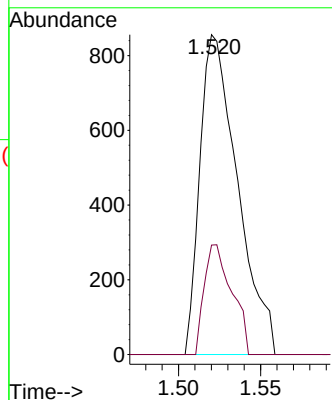
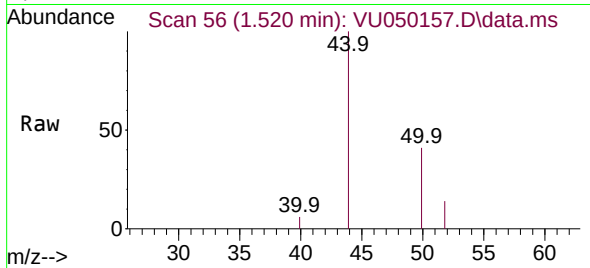




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

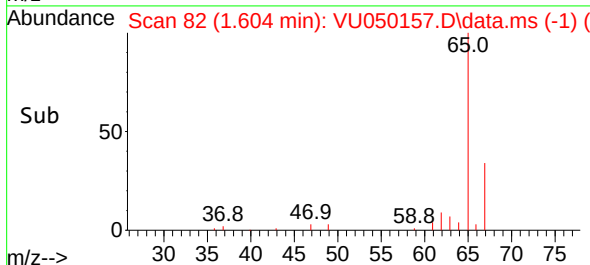
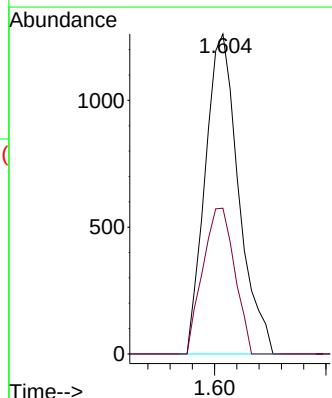
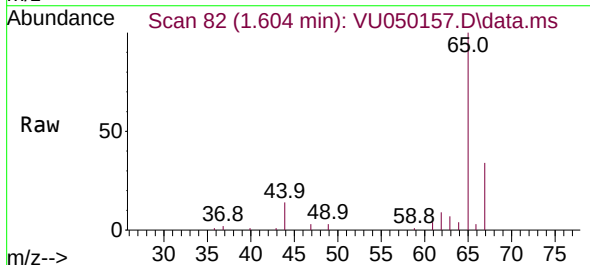
Instrument :
MSVOA_U
ClientSampleId :
GBJM1

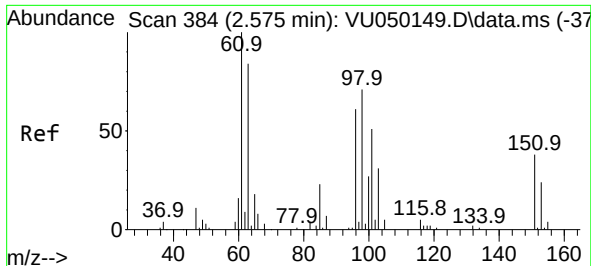
Tgt Ion: 50 Resp: 1363
Ion Ratio Lower Upper
50 100
52 34.2 23.2 43.2



#5
Vinyl chloride
Concen: 0.161 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

Tgt Ion: 62 Resp: 1313
Ion Ratio Lower Upper
62 100
64 45.6 22.8 42.4

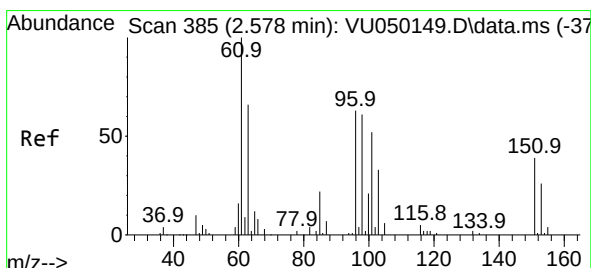
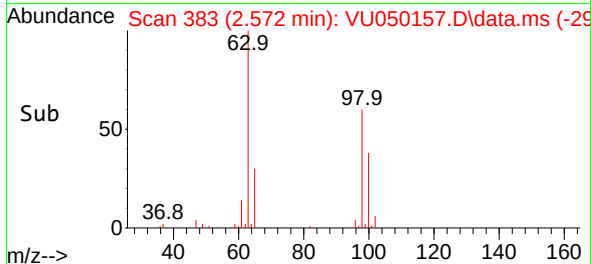
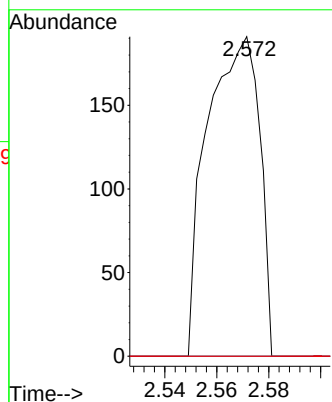
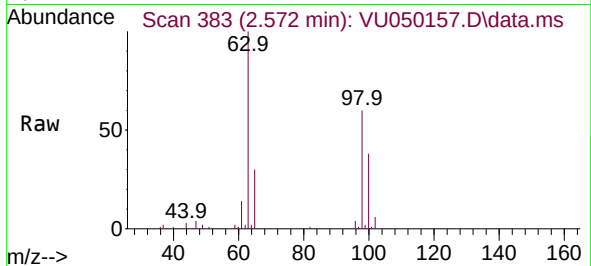




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

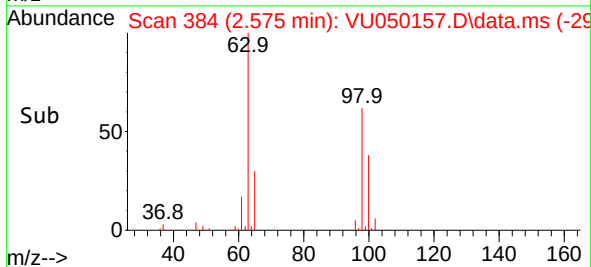
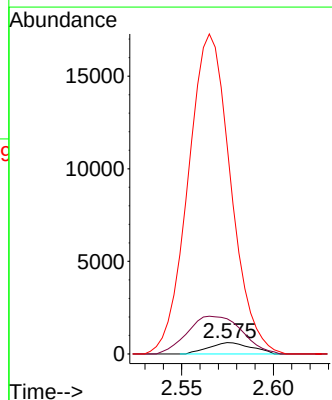
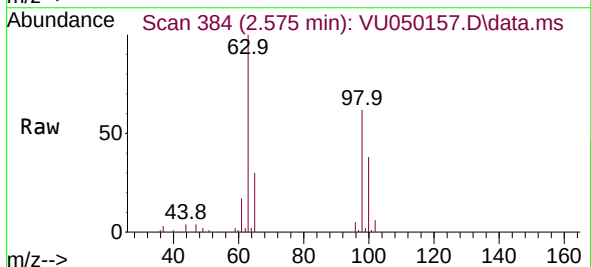
Instrument :
MSVOA_U
ClientSampleId :
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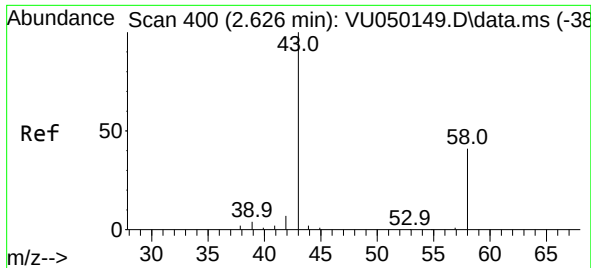
Tgt Ion:101 Resp: 266
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#12
1,1-Dichloroethene
Concen: 0.188 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

Tgt Ion: 96 Resp: 984
Ion Ratio Lower Upper
96 100
61 311.1 122.7 227.9#
63 1850.2 85.1 158.1#





#13

Acetone

Concen: 6.029 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

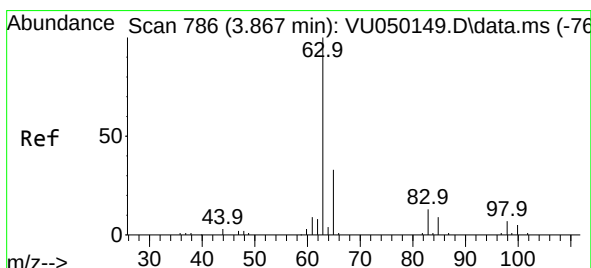
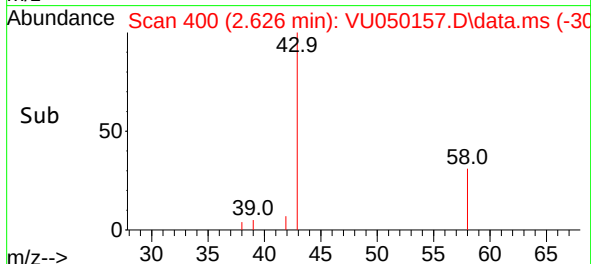
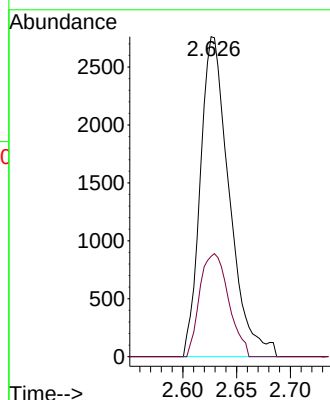
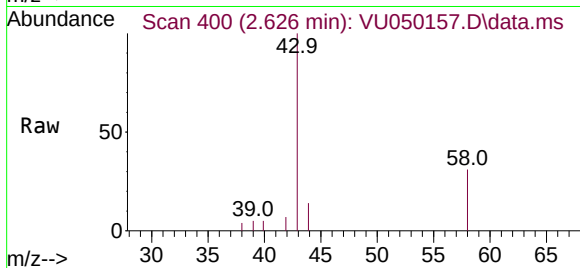
GBJM1

Tgt Ion: 43 Resp: 5172

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#19

1,1-Dichloroethane

Concen: 0.092 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.009 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

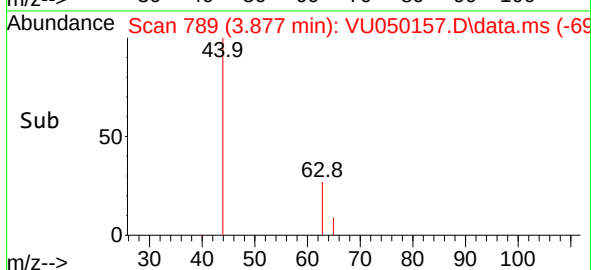
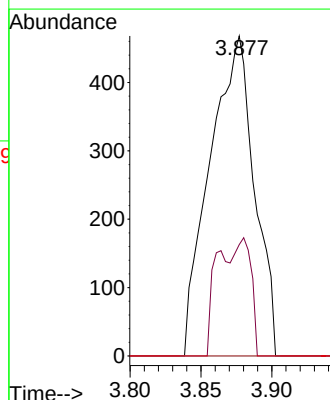
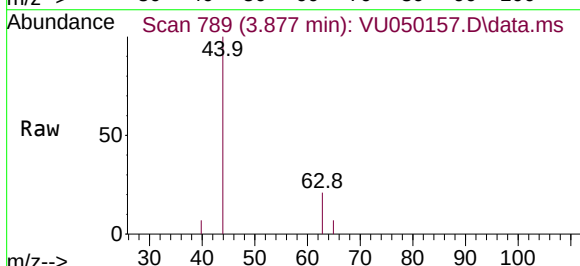
Tgt Ion: 63 Resp: 1023

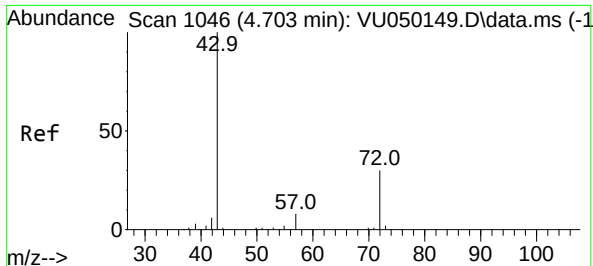
Ion Ratio Lower Upper

63 100

65 34.8 22.7 42.3

83 0.0 9.8 18.2#





#21

2-Butanone

Concen: 1.431 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

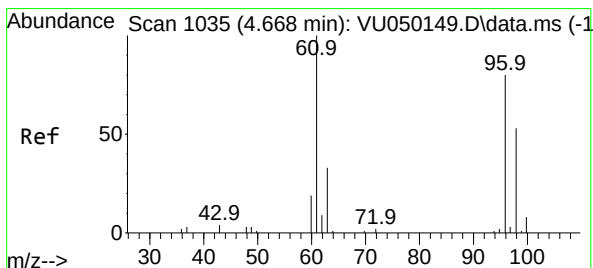
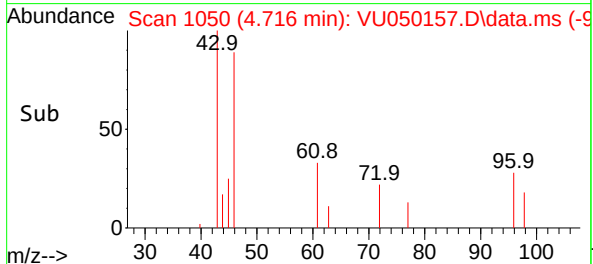
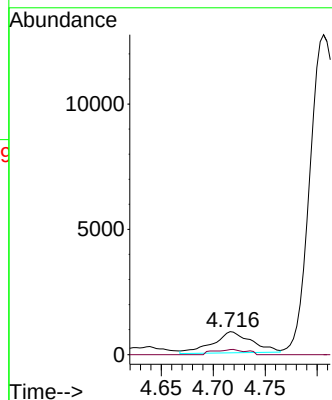
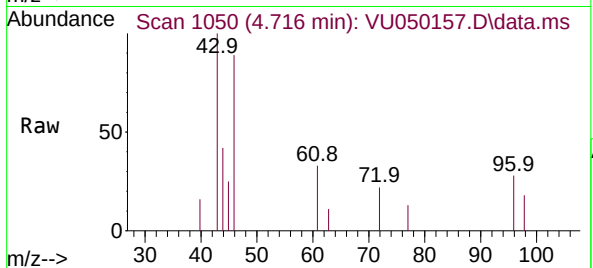
GBJM1

Tgt Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

72 16.6 14.0 42.0



#22

cis-1,2-Dichloroethene

Concen: 3.369 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

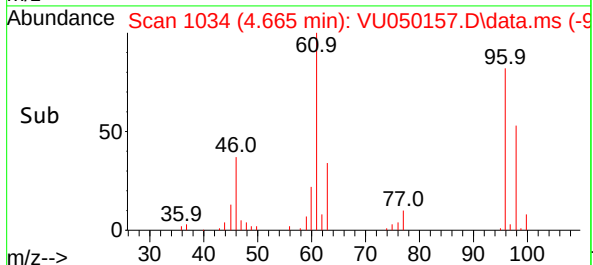
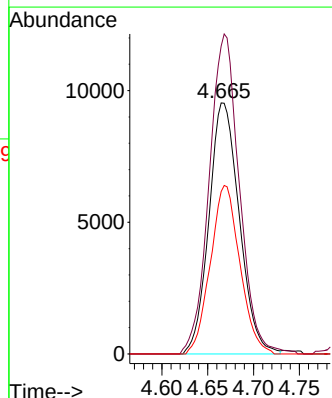
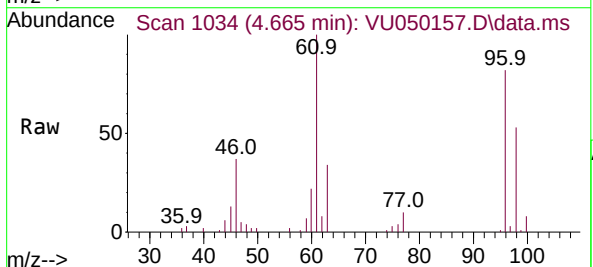
Tgt Ion: 96 Resp: 21965

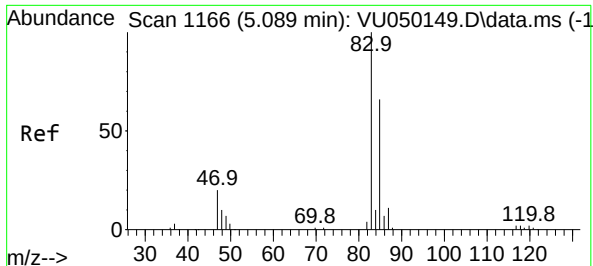
Ion Ratio Lower Upper

96 100

61 122.6 89.0 165.4

98 64.7 45.2 84.0





#25

Chloroform

Concen: 0.078 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

Instrument :

MSVOA_U

ClientSampleId :

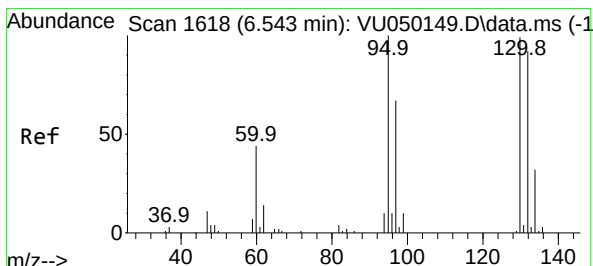
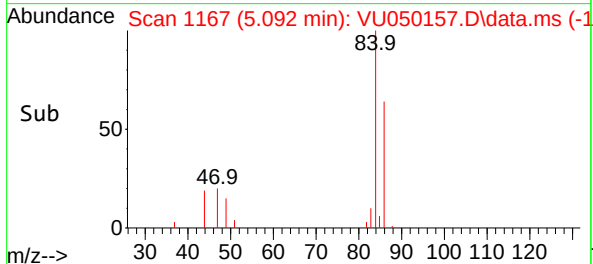
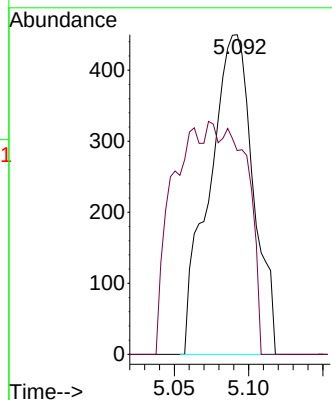
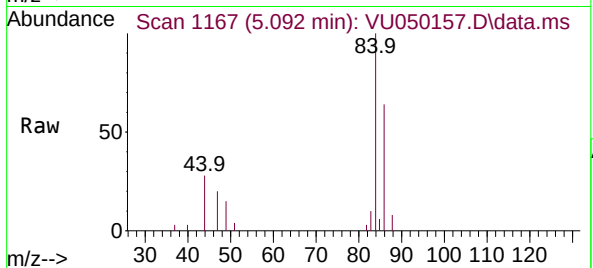
GBJM1

Tgt Ion: 83 Resp: 925

Ion Ratio Lower Upper

83 100

85 63.8 46.1 85.5



#34

Trichloroethene

Concen: 10.901 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050157.D

Acq: 09 Aug 2022 01:06

Tgt Ion: 95 Resp: 71926

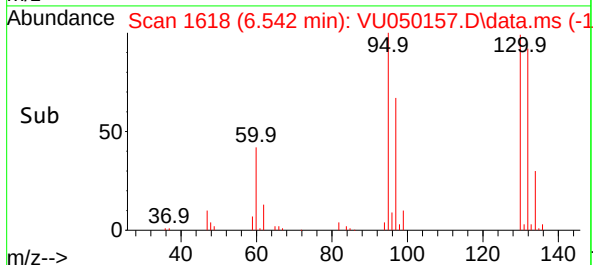
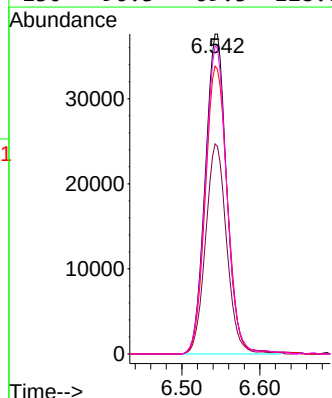
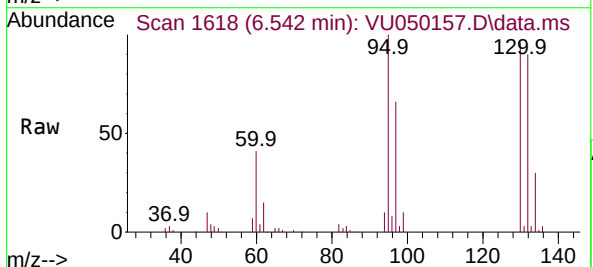
Ion Ratio Lower Upper

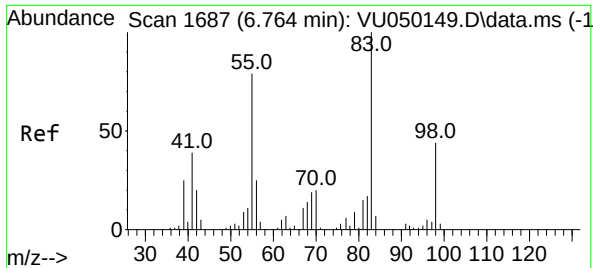
95 100

97 65.7 45.6 84.8

132 89.9 65.0 120.6

130 96.3 69.3 128.7

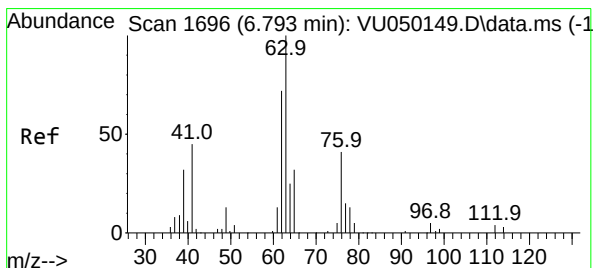
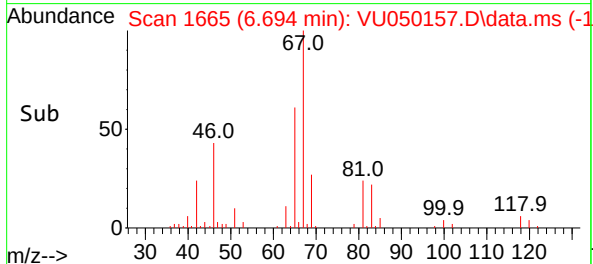
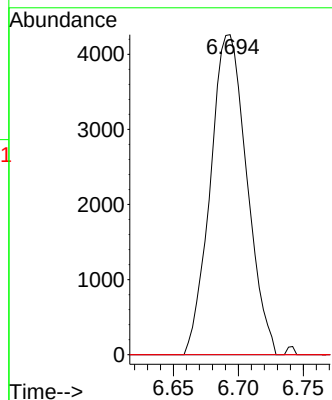
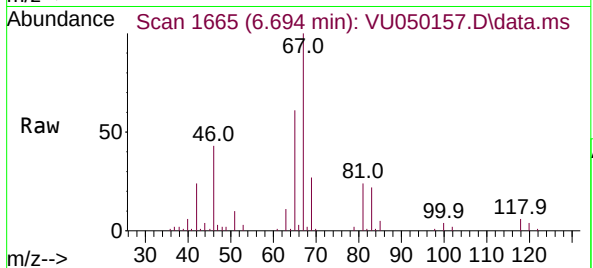




#35
Methylcyclohexane
Concen: 0.976 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

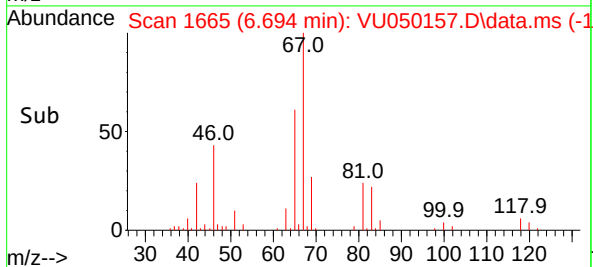
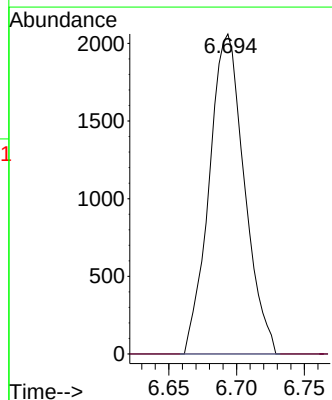
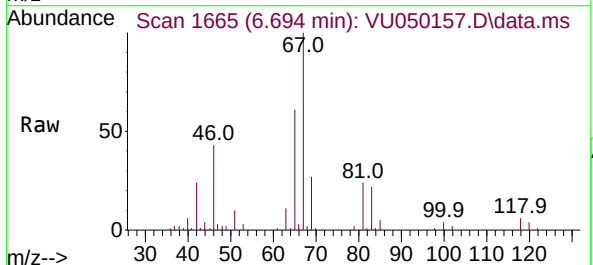
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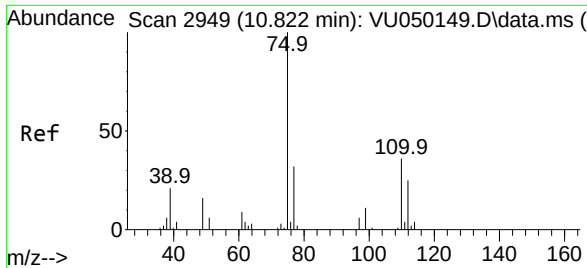
Tgt Ion: 83 Resp: 8317
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.7 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050157.D
Acq: 09 Aug 2022 01:06

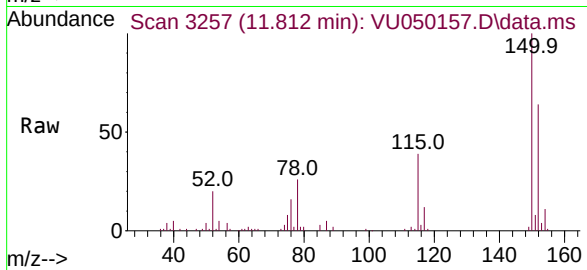
Tgt Ion: 63 Resp: 3722
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.873 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050157.D
 Acq: 09 Aug 2022 01:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJM1



Tgt Ion: 75 Resp: 3458
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 30.1 25.8 38.6

