

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051093.D
 Acq On : 03 Oct 2022 19:25
 Operator : JC/MD
 Sample : N4854-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J34

Quant Time: Oct 03 23:34:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

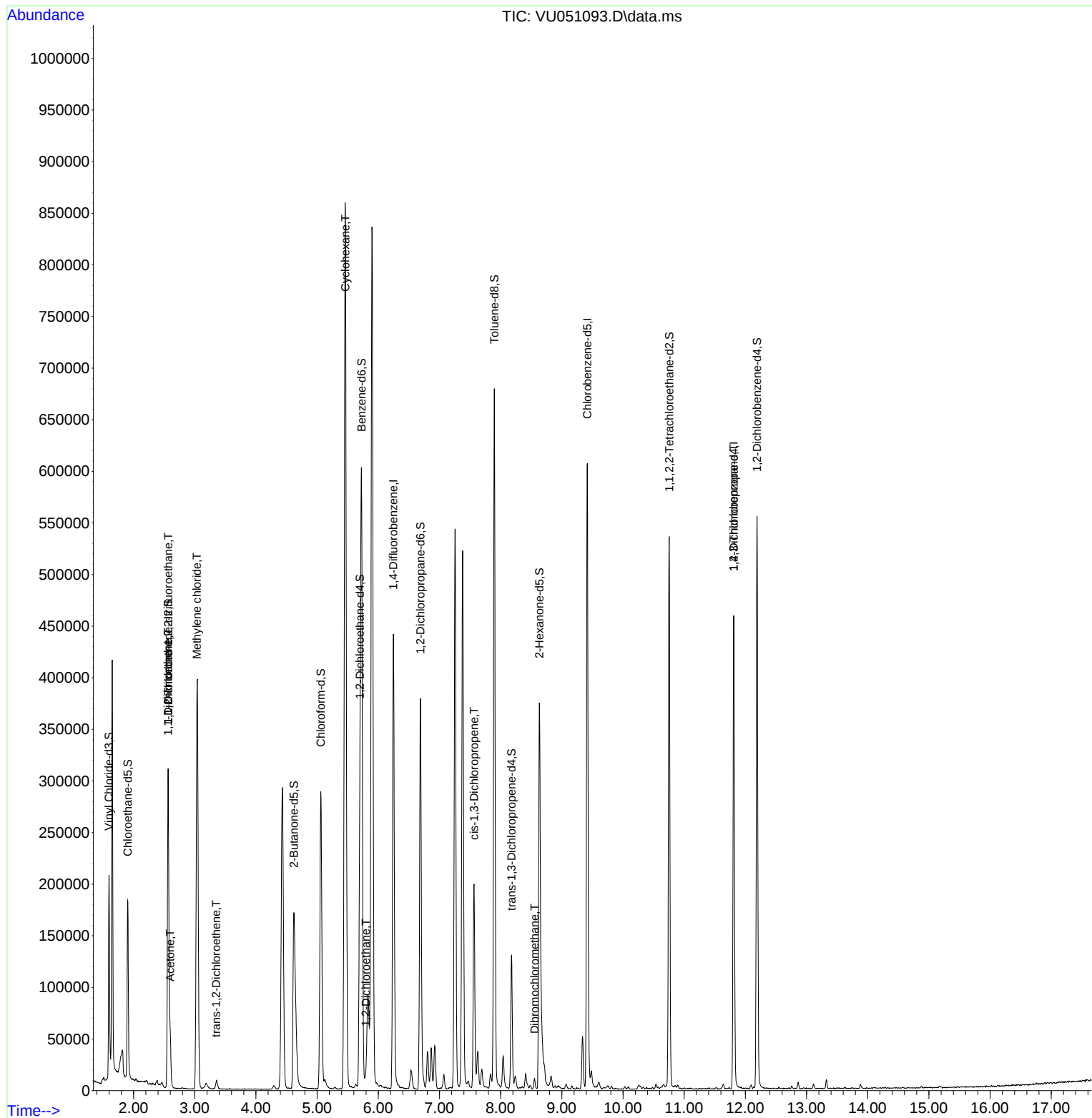
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	359246	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	144413	39.666	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.340%	
7) Chloroethane-d5	1.903	69	131544	38.895	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.565	63	179310	33.341	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.680%	
21) 2-Butanone-d5	4.620	46	226520	95.928	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	95.930%	
24) Chloroform-d	5.060	84	270614	46.135	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.260%	
26) 1,2-Dichloroethane-d4	5.700	65	177616	48.921	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.840%	
32) Benzene-d6	5.726	84	564191	56.790	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	113.580%	
36) 1,2-Dichloropropane-d6	6.687	67	184718	57.300	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	114.600%	
41) Toluene-d8	7.896	98	458300	49.930	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.860%	
43) trans-1,3-Dichloroprop...	8.179	79	71775	46.680	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.360%	
47) 2-Hexanone-d5	8.633	63	109884	84.417	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.420%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	274228	48.673	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.340%	
66) 1,2-Dichlorobenzene-d4	12.192	152	144943	55.638	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.280%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1948	0.710	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1339	0.523	ug/L #	1
13) Acetone	2.597	43	18892	10.019	ug/L	48
16) Methylene chloride	3.035	84	8443	2.296	ug/L #	7
17) trans-1,2-Dichloroethene	3.350	96	1791	0.657	ug/L	90
27) 1,2-Dichloroethane	5.797	62	6316	1.464	ug/L #	93
29) Cyclohexane	5.462	56	409688	124.023	ug/L #	19
39) cis-1,3-Dichloropropene	7.565	75	4737	1.201	ug/L #	51
49) Dibromochloromethane	8.555	129	2147	0.677	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	15731	4.902	ug/L #	66

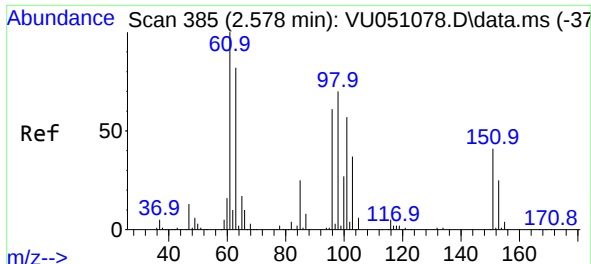
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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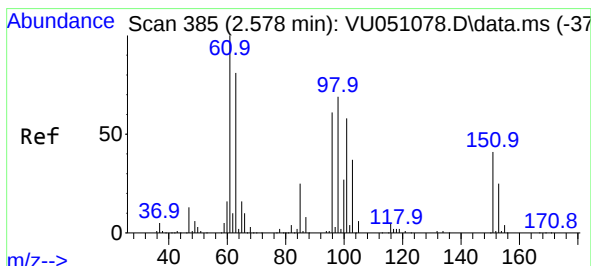
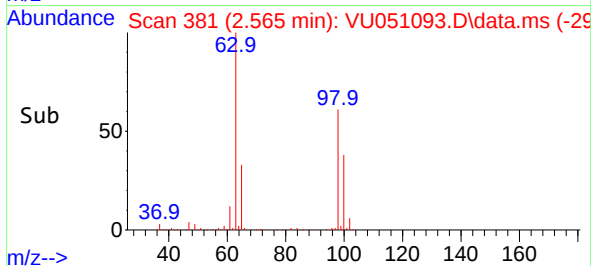
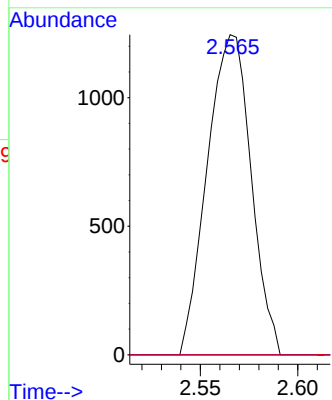
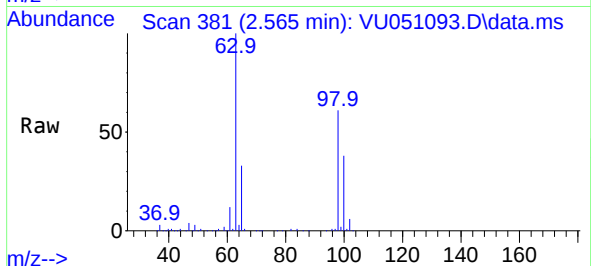




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.710 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051093.D
Acq: 03 Oct 2022 19:25

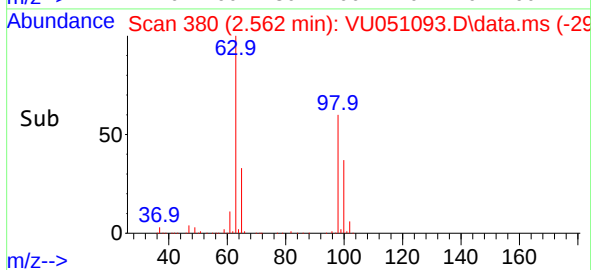
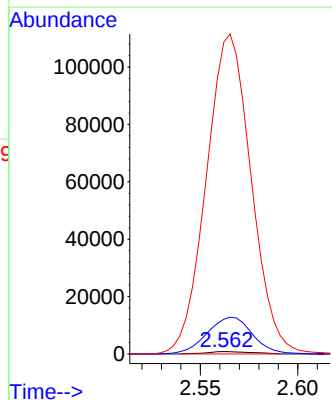
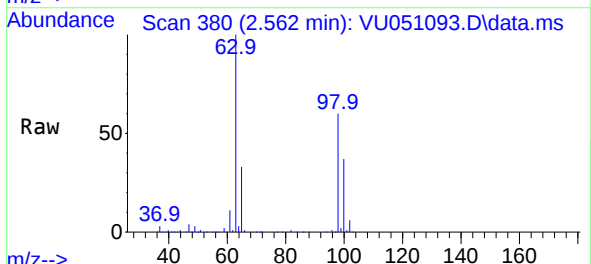
Instrument :
MSVOA_U
ClientSampleId :
F5J34

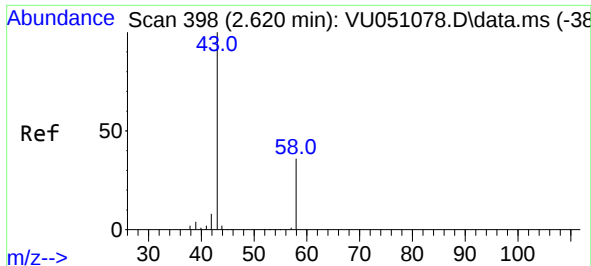
Tgt Ion:101 Resp: 1948
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.523 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051093.D
Acq: 03 Oct 2022 19:25

Tgt Ion: 96 Resp: 1339
Ion Ratio Lower Upper
96 100
61 1405.3 113.0 209.9#
63 12616.2 91.7 170.3#





#13

Acetone

Concen: 10.019 ug/L

RT: 2.597 min Scan# 391

Delta R.T. -0.042 min

Lab File: VU051093.D

Acq: 03 Oct 2022 19:25

Instrument :

MSVOA_U

ClientSampleId :

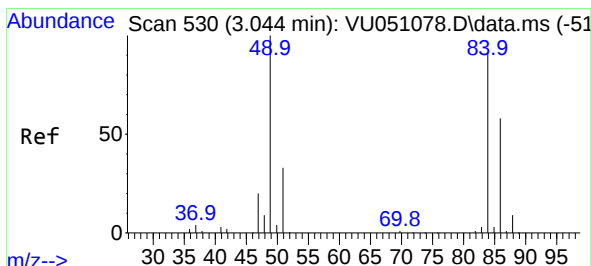
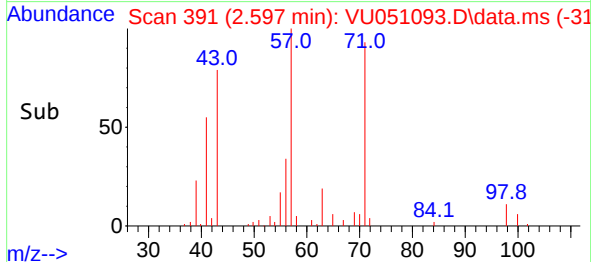
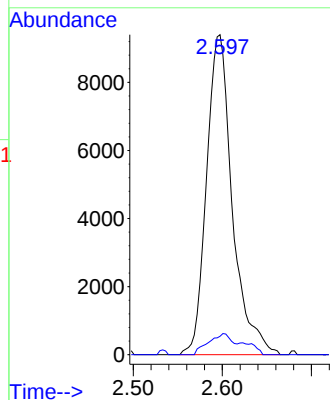
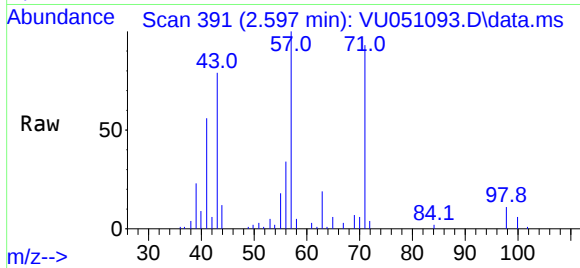
F5J34

Tgt Ion: 43 Resp: 18892

Ion Ratio Lower Upper

43 100

58 6.2 0.0 73.6



#16

Methylene chloride

Concen: 2.296 ug/L

RT: 3.035 min Scan# 527

Delta R.T. -0.006 min

Lab File: VU051093.D

Acq: 03 Oct 2022 19:25

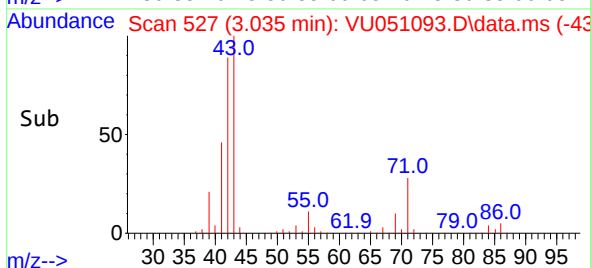
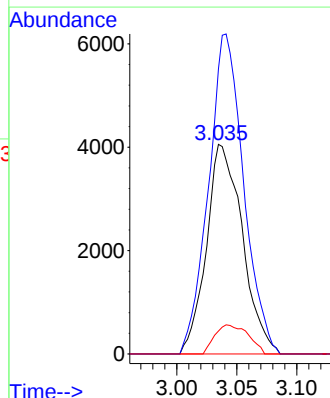
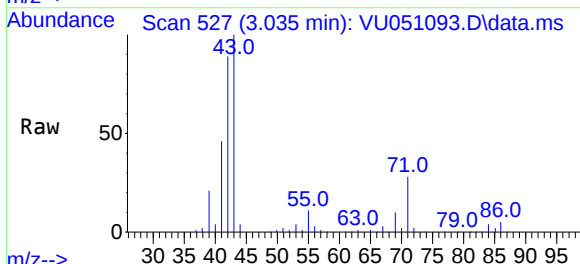
Tgt Ion: 84 Resp: 8443

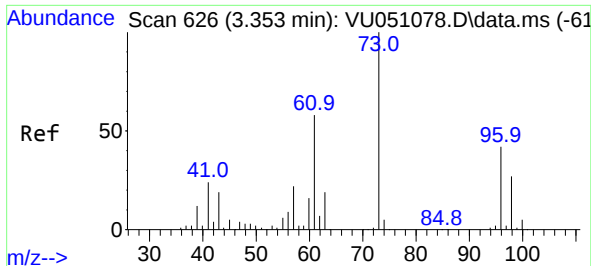
Ion Ratio Lower Upper

84 100

86 136.0 45.4 84.4#

49 10.9 78.3 145.3#

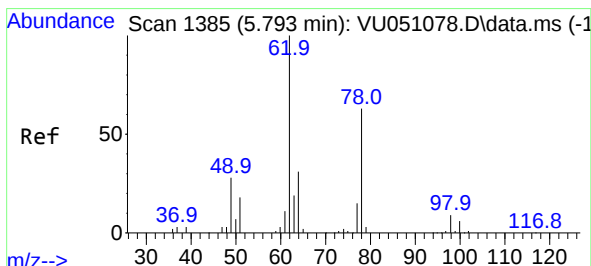
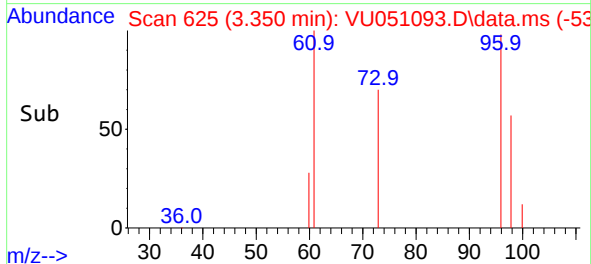
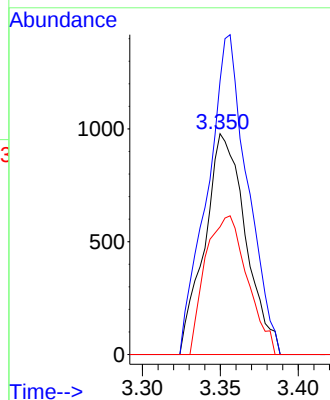
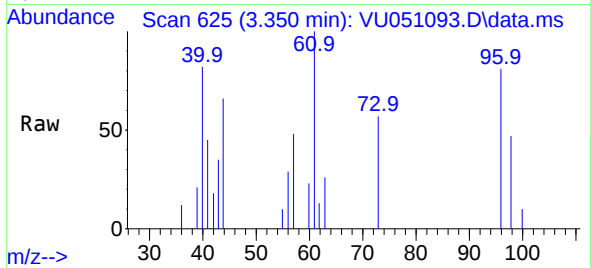




#17
trans-1,2-Dichloroethene
Concen: 0.657 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051093.D
Acq: 03 Oct 2022 19:25

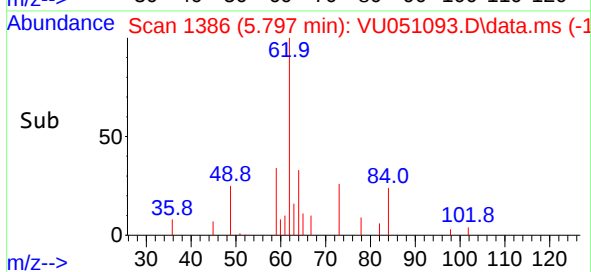
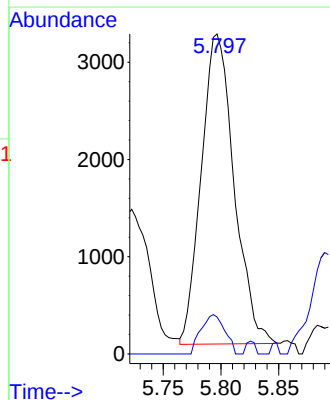
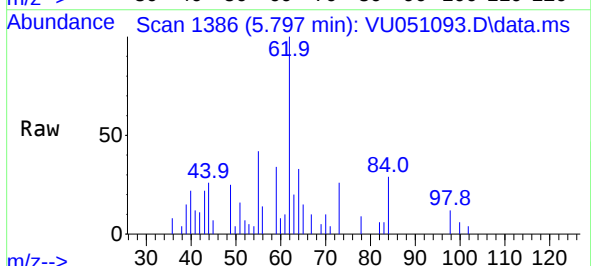
Instrument :
MSVOA_U
ClientSampleId :
F5J34

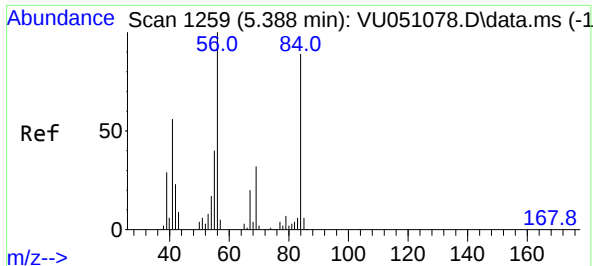
Tgt Ion: 96 Resp: 1791
Ion Ratio Lower Upper
96 100
61 123.8 95.1 176.5
98 57.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 1.464 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051093.D
Acq: 03 Oct 2022 19:25

Tgt Ion: 62 Resp: 6316
Ion Ratio Lower Upper
62 100
98 11.5 7.3 10.9#





#29

Cyclohexane

Concen: 124.023 ug/L

RT: 5.462 min Scan# 1

Delta R.T. 0.077 min

Lab File: VU051093.D

Acq: 03 Oct 2022 19:25

Instrument :

MSVOA_U

ClientSampleId :

F5J34

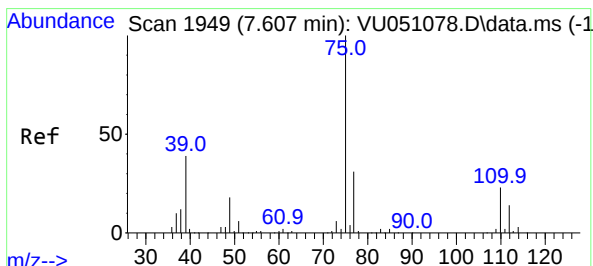
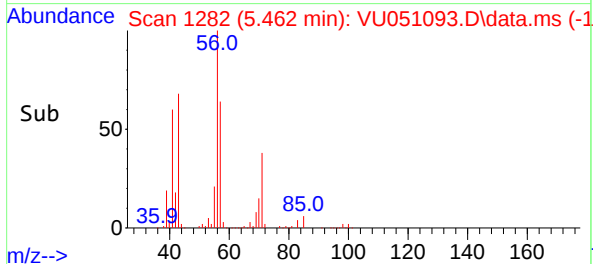
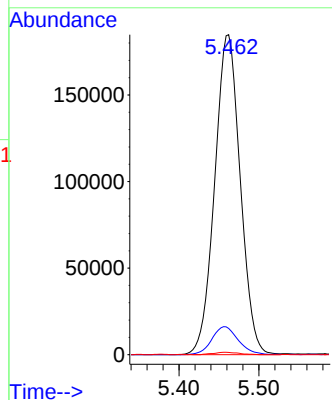
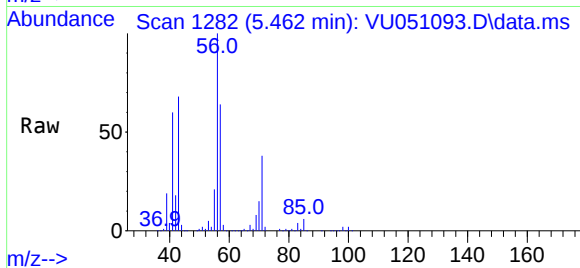
Tgt Ion: 56 Resp: 409688

Ion Ratio Lower Upper

56 100

69 9.1 24.8 37.2#

84 0.8 71.8 107.6#



#39

cis-1,3-Dichloropropene

Concen: 1.201 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.038 min

Lab File: VU051093.D

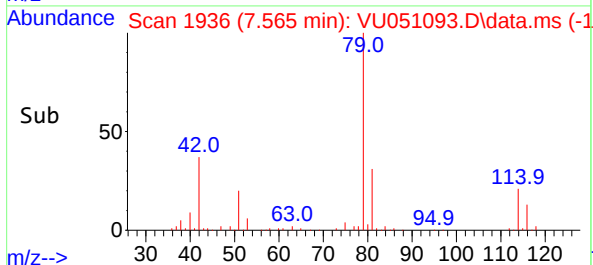
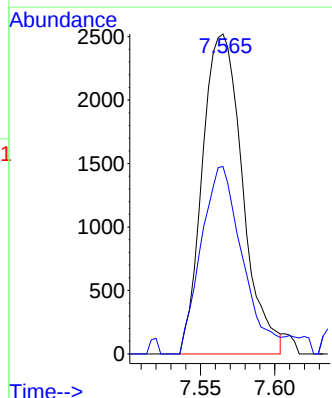
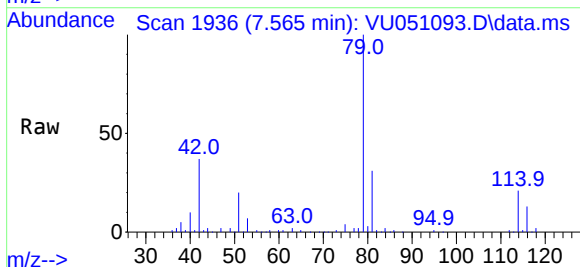
Acq: 03 Oct 2022 19:25

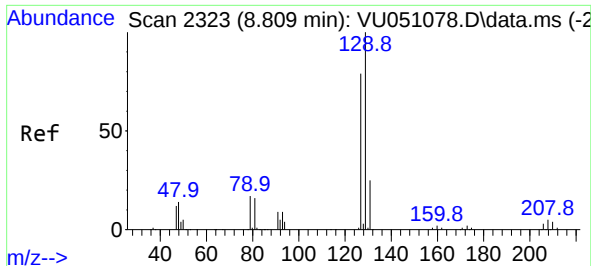
Tgt Ion: 75 Resp: 4737

Ion Ratio Lower Upper

75 100

77 58.6 22.0 41.0#

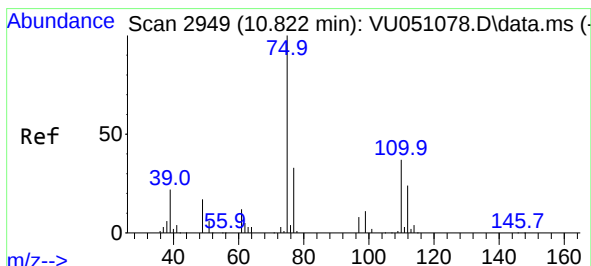
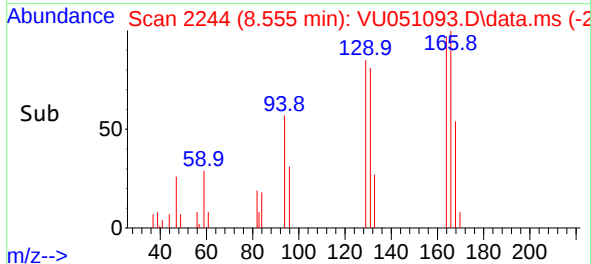
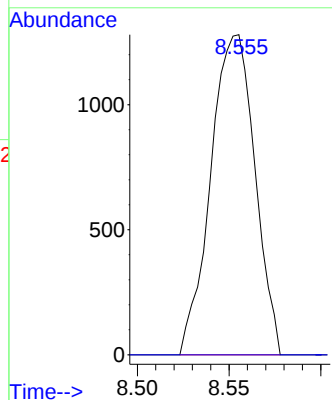
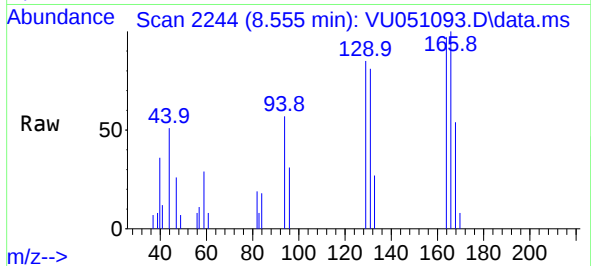




#49
Dibromochloromethane
Concen: 0.677 ug/L
RT: 8.555 min Scan# 2147
Delta R.T. -0.251 min
Lab File: VU051093.D
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Tgt Ion:129 Resp: 2147
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#



#60
1,2,3-Trichloropropane
Concen: 4.902 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051093.D
Acq: 03 Oct 2022 19:25

Tgt Ion: 75 Resp: 15731
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
110 1.6 30.0 45.0#

