

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050137.D
 Acq On : 08 Aug 2022 16:01
 Operator : SY/MD
 Sample : N4027-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH3DL

Quant Time: Aug 09 01:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

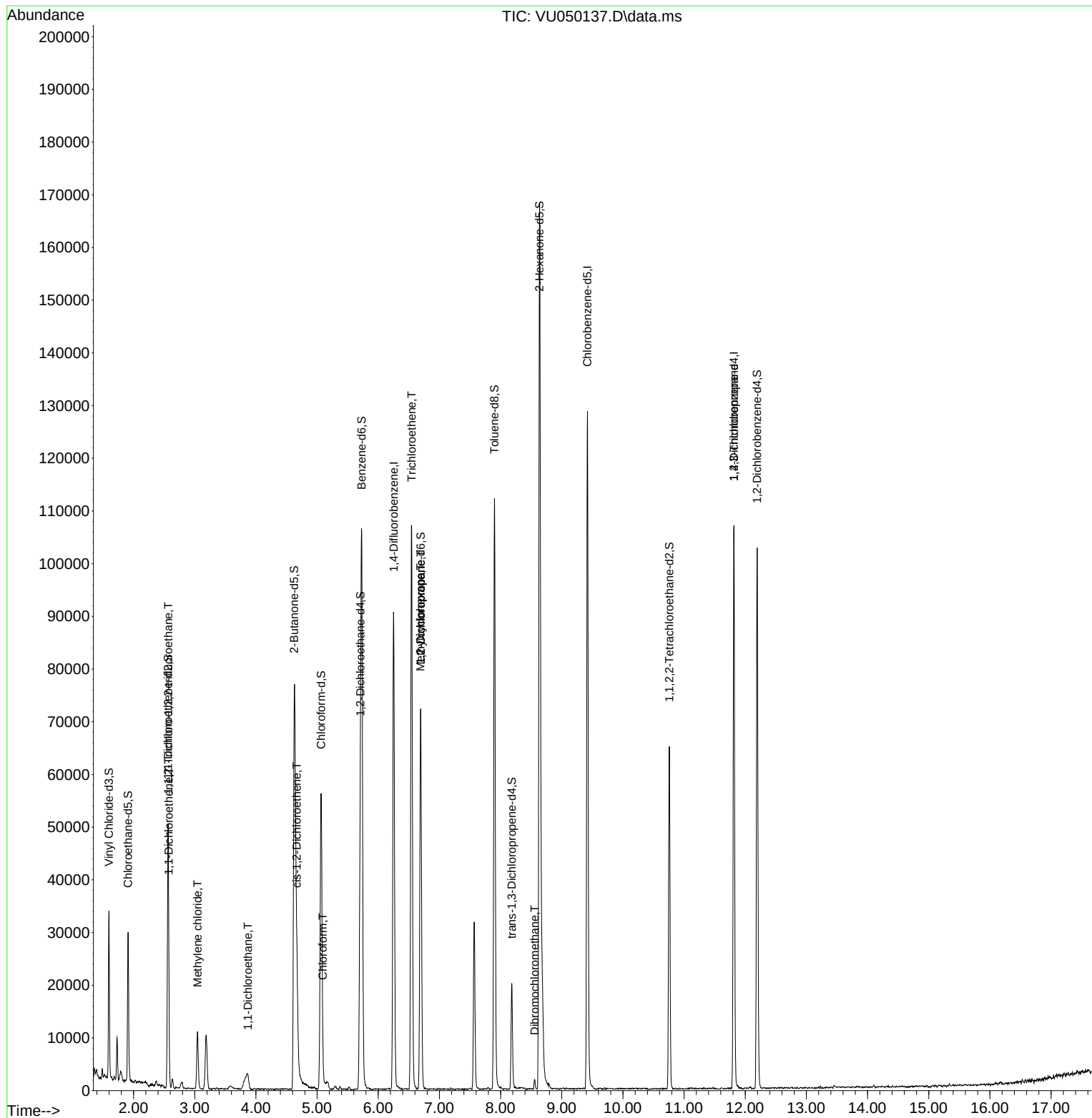
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	75277	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	75119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	29561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22661	3.617	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.909	69	20908	4.137	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.565	65	9168	3.744	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	4.626	46	88049	57.636	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.280%	
24) Chloroform-d	5.067	84	53550	4.596	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.706	65	30090	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.729	84	100097	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.693	67	37037	4.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.899	98	79529	3.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.182	79	12244	4.426	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.636	63	53048	54.077	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34329	5.064	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	28346	4.894	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	262	0.053	ug/L #	37
12) 1,1-Dichloroethene	2.575	96	760	0.146	ug/L #	1
16) Methylene chloride	3.044	84	5272	0.663	ug/L	92
19) 1,1-Dichloroethane	3.870	63	1510	0.137	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	8012	1.239	ug/L	98
25) Chloroform	5.092	83	849	0.072	ug/L	90
34) Trichloroethene	6.546	95	38581	6.061	ug/L	98
35) Methylcyclohexane	6.690	83	8361	1.018	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	3625	0.517	ug/L #	89
49) Dibromochloromethane	8.558	129	354	0.061	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	3386	0.841	ug/L #	65

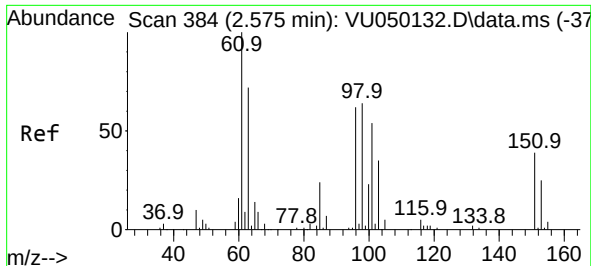
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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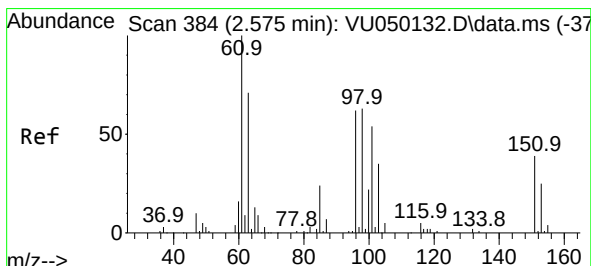
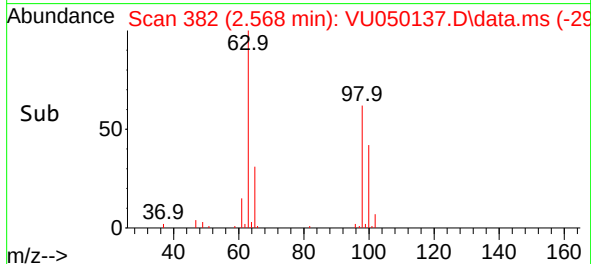
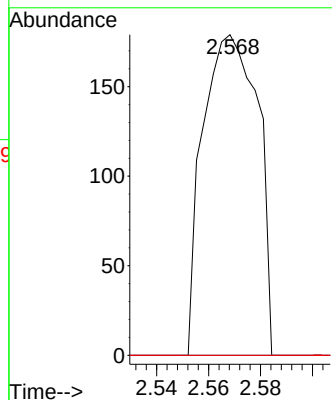
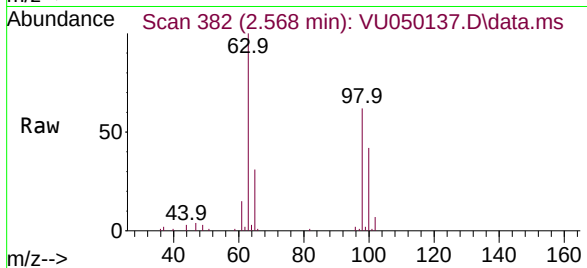




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.007 min
 Lab File: VU050137.D
 Acq: 08 Aug 2022 16:01

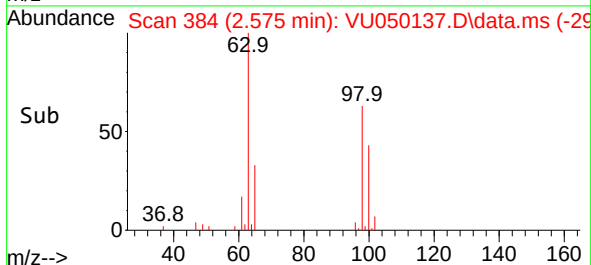
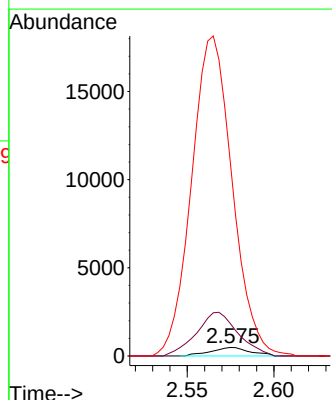
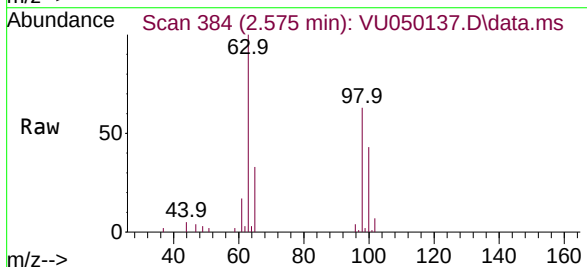
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH3DL

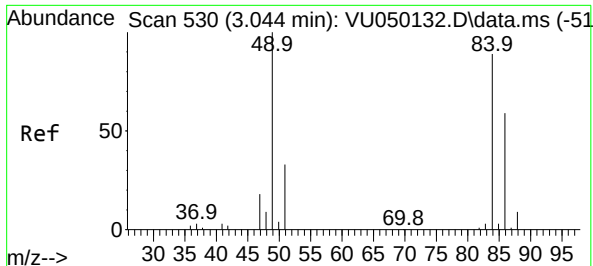
Tgt Ion: 101 Resp: 262
 Ion Ratio Lower Upper
 101 100
 85 63.0 35.6 53.4#
 151 0.0 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.146 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU050137.D
 Acq: 08 Aug 2022 16:01

Tgt Ion: 96 Resp: 760
 Ion Ratio Lower Upper
 96 100
 61 381.9 122.7 227.9#
 63 2290.5 85.1 158.1#

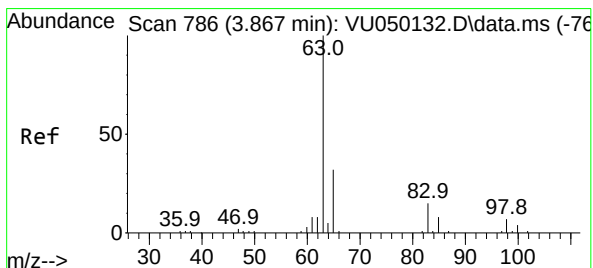
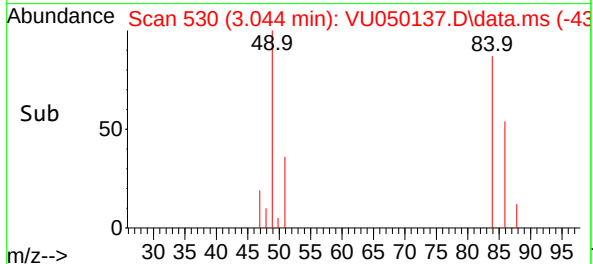
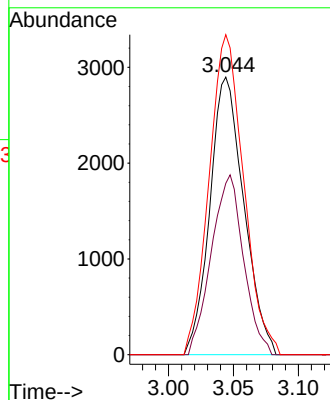
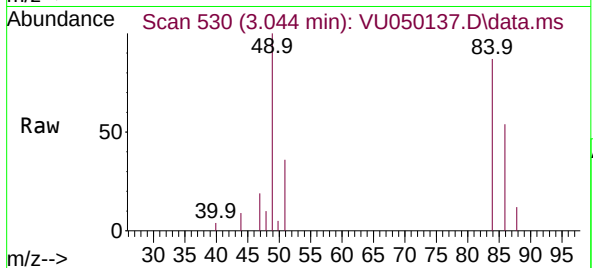




#16
Methylene chloride
Concen: 0.663 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

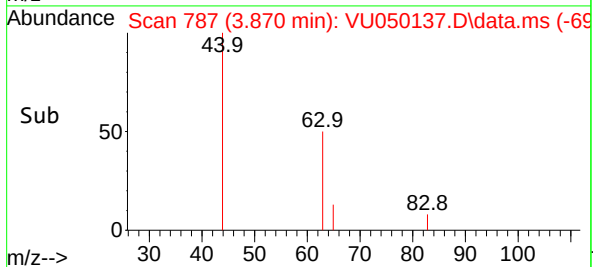
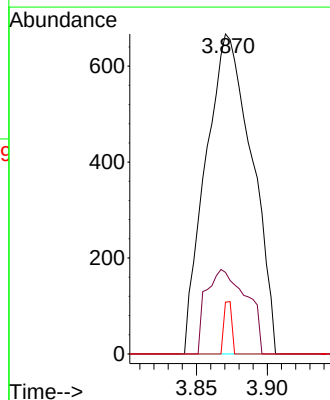
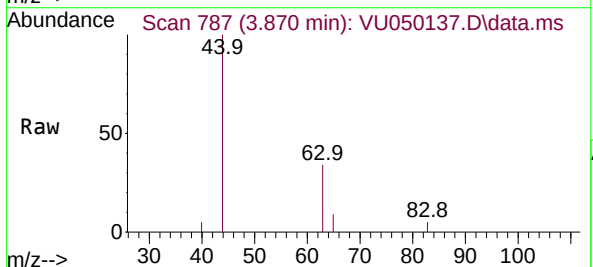
Instrument :
MSVOA_U
ClientSampleId :
GBJH3DL

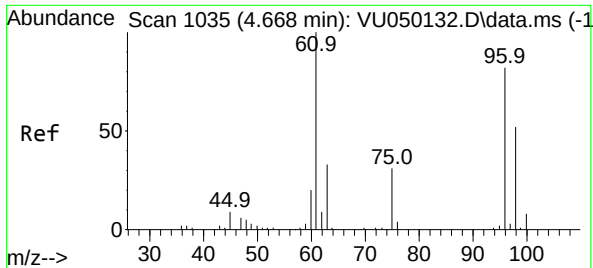
Tgt Ion: 84 Resp: 5272
Ion Ratio Lower Upper
84 100
86 61.7 45.9 85.3
49 120.8 77.6 144.0



#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

Tgt Ion: 63 Resp: 1510
Ion Ratio Lower Upper
63 100
65 25.5 22.7 42.3
83 16.2 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 1.239 ug/L

RT: 4.668 min Scan# 110

Delta R.T. -0.000 min

Lab File: VU050137.D

Acq: 08 Aug 2022 16:01

Instrument :

MSVOA_U

ClientSampleId :

GBJH3DL

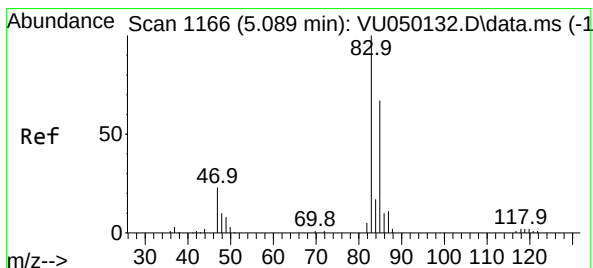
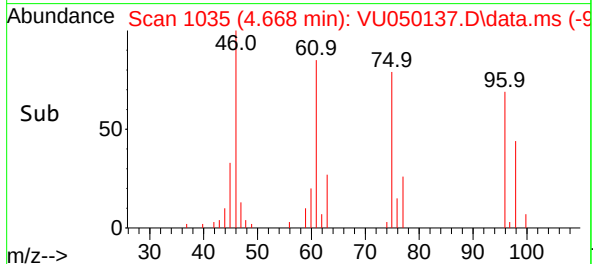
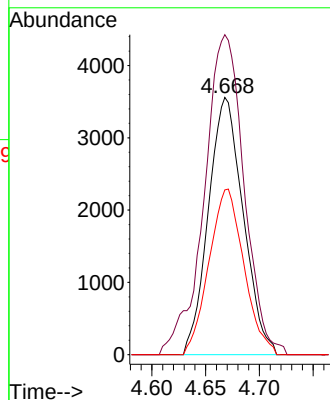
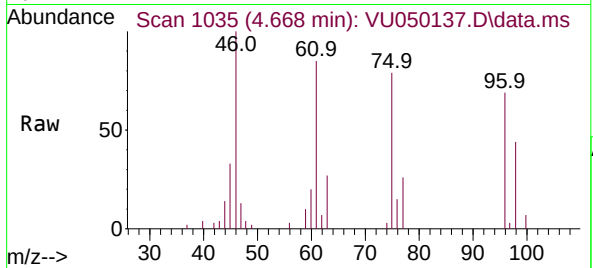
Tgt Ion: 96 Resp: 8012

Ion Ratio Lower Upper

96 100

61 124.4 89.0 165.4

98 64.0 45.2 84.0



#25

Chloroform

Concen: 0.072 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050137.D

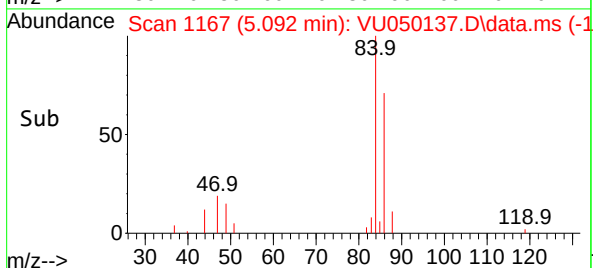
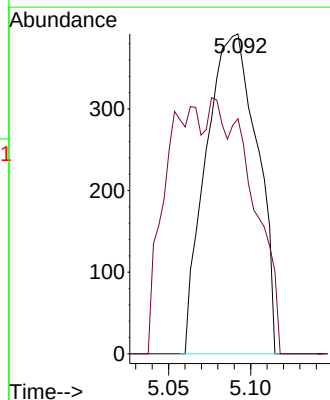
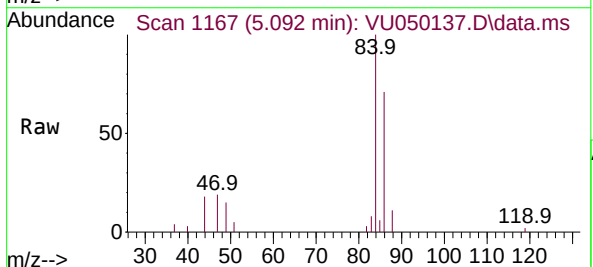
Acq: 08 Aug 2022 16:01

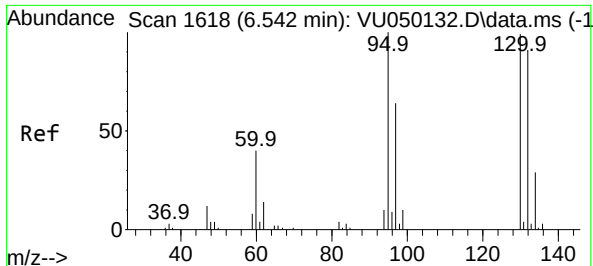
Tgt Ion: 83 Resp: 849

Ion Ratio Lower Upper

83 100

85 73.5 46.1 85.5



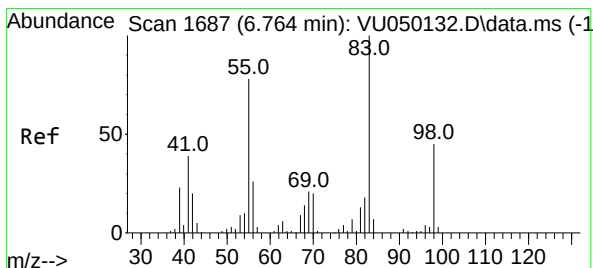
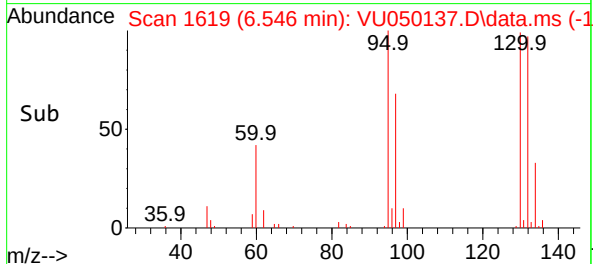
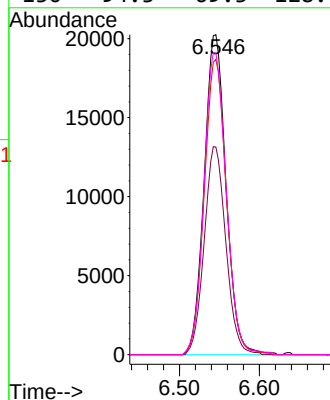
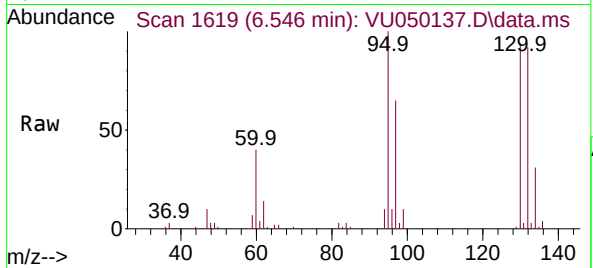


#34
Trichloroethene
Concen: 6.061 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

Instrument :
MSVOA_U
ClientSampleId :
GBJH3DL

Tgt Ion: 95 Resp: 38581

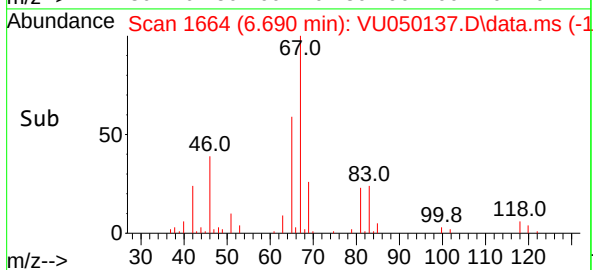
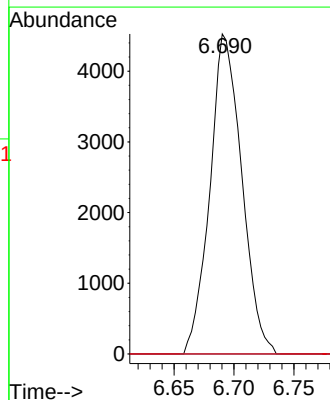
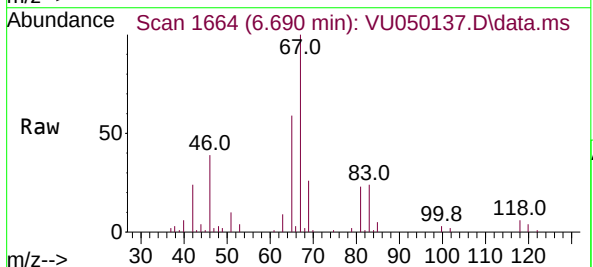
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	92.3	65.0	120.6
130	94.3	69.3	128.7

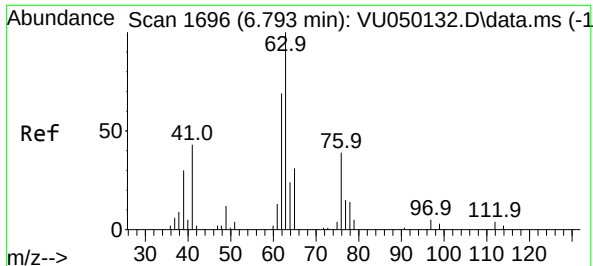


#35
Methylcyclohexane
Concen: 1.018 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

Tgt Ion: 83 Resp: 8361

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	6.4	36.2	54.2#

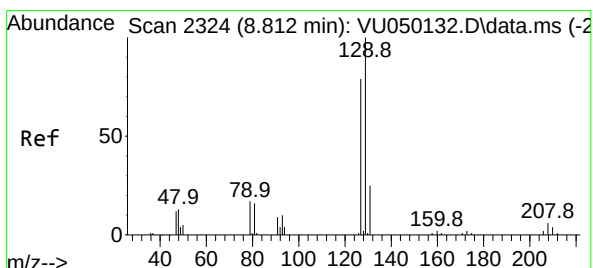
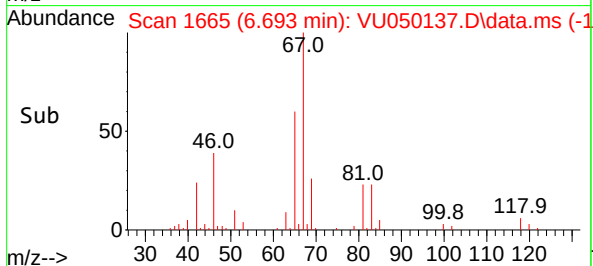
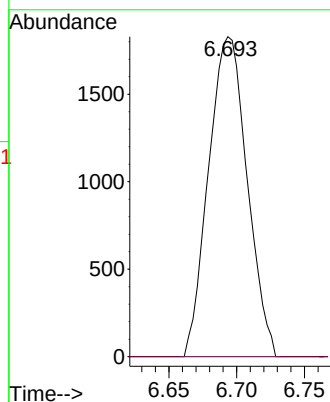
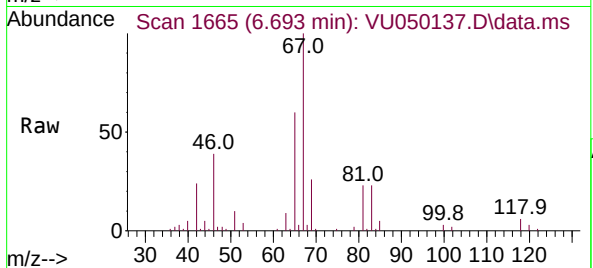




#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.693 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

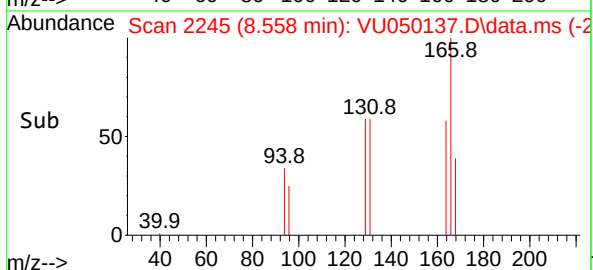
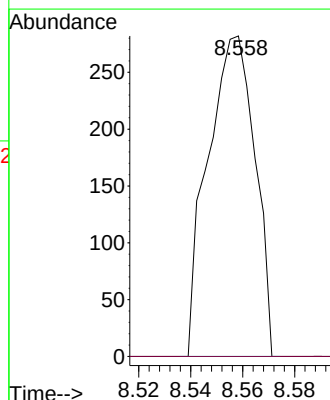
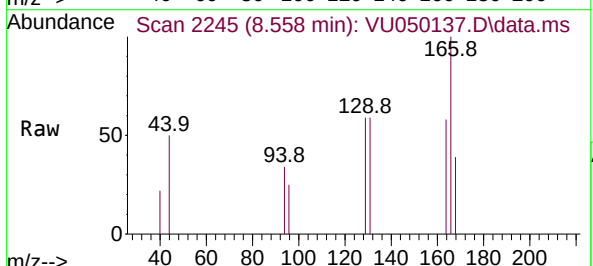
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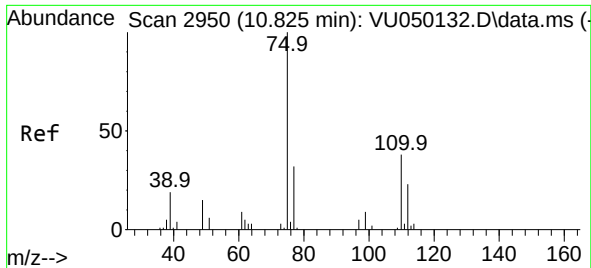
Tgt Ion: 63 Resp: 3625
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#49
Dibromochloromethane
Concen: 0.061 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU050137.D
Acq: 08 Aug 2022 16:01

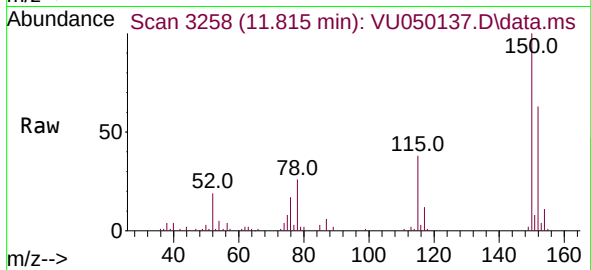
Tgt Ion: 129 Resp: 354
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.841 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050137.D
 Acq: 08 Aug 2022 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH3DL



Tgt Ion: 75 Resp: 3386
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 35.7 25.8 38.6

