

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050007.D
 Acq On : 29 Jul 2022 00:35
 Operator : SY/MD
 Sample : N3879-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUJ1

Quant Time: Jul 29 06:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

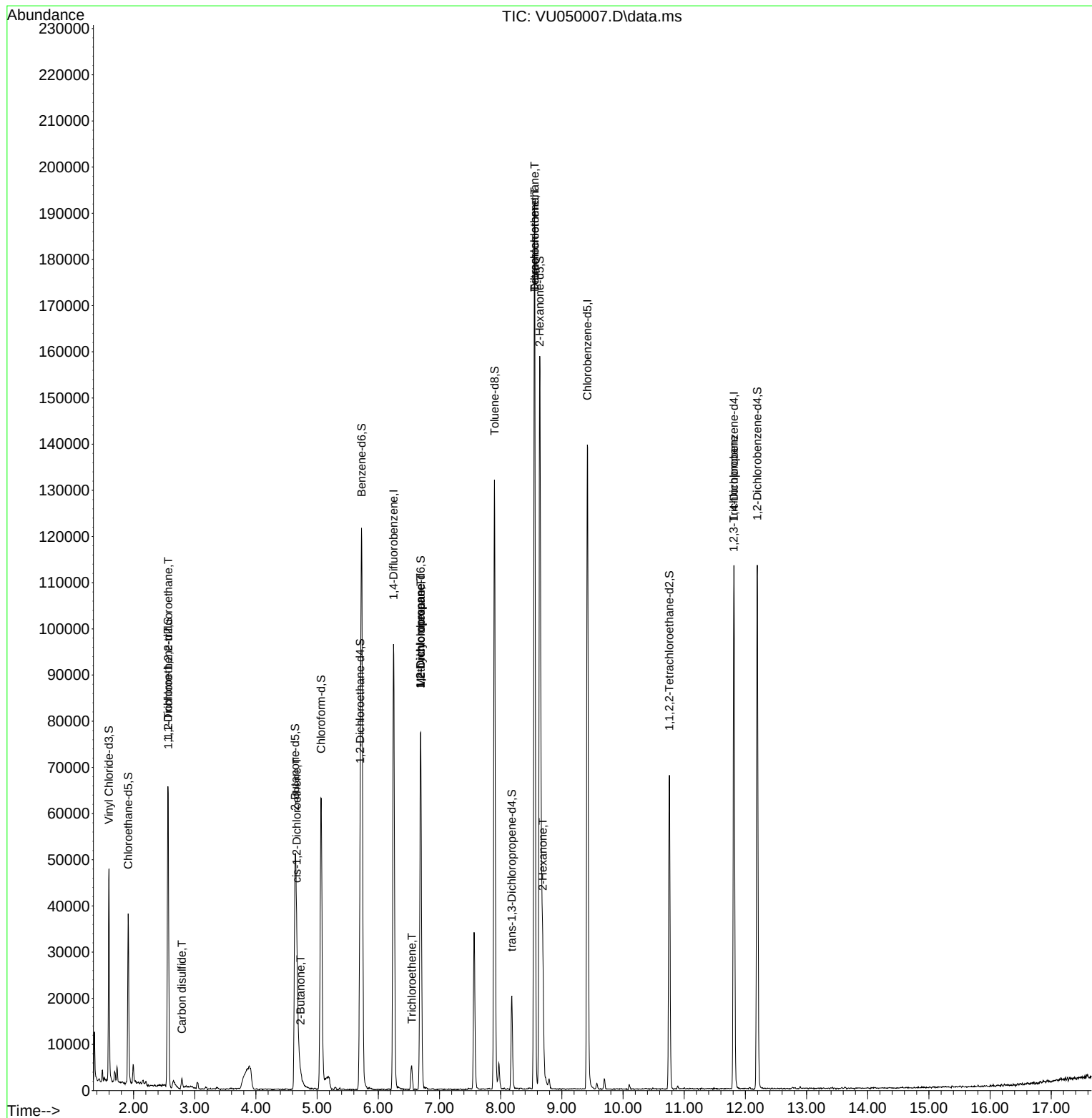
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30813	4.386	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.912	69	25962	5.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.562	65	12125	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.200%	
20) 2-Butanone-d5	4.642	46	91966	58.803	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.600%	
24) Chloroform-d	5.063	84	60334	5.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
26) 1,2-Dichloroethane-d4	5.703	65	30676	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.729	84	116775	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.693	67	39351	4.924	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.899	98	92027	4.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.182	79	12819	4.576	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.636	63	49962	47.647	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36057	5.370	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31457	5.249	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	287	0.059	ug/L #	21
14) Carbon disulfide	2.790	76	2975	0.217	ug/L #	92
21) 2-Butanone	4.729	43	3605	2.277	ug/L #	51
22) cis-1,2-Dichloroethene	4.668	96	3405	0.574	ug/L #	71
34) Trichloroethene	6.549	95	2003	0.342	ug/L	84
35) Methylcyclohexane	6.693	83	8850	1.146	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	3940	0.593	ug/L #	88
47) Tetrachloroethene	8.555	164	44055	10.451	ug/L	97
48) 2-Hexanone	8.687	43	16194	5.537	ug/L #	93
49) Dibromochloromethane	8.555	129	42460	7.820	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	4032	1.075	ug/L #	67

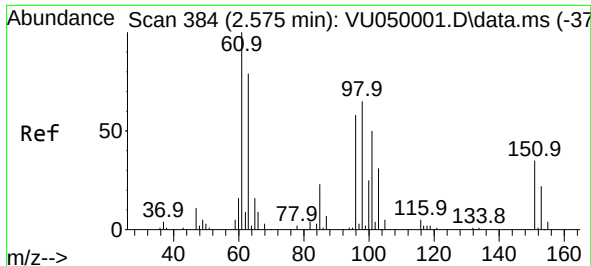
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.059 ug/L

RT: 2.565 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU050007.D

Acq: 29 Jul 2022 00:35

Instrument :

MSVOA_U

ClientSampleId :

DBUJ1

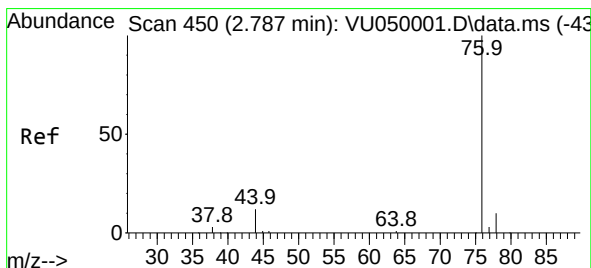
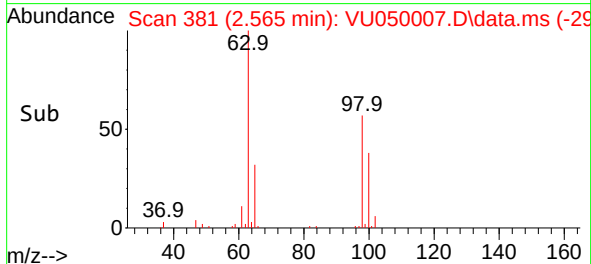
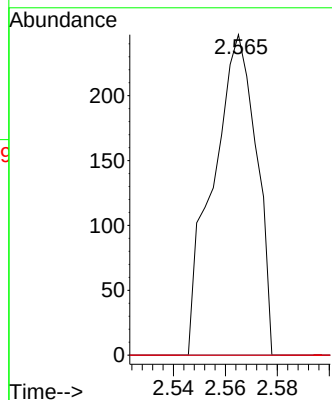
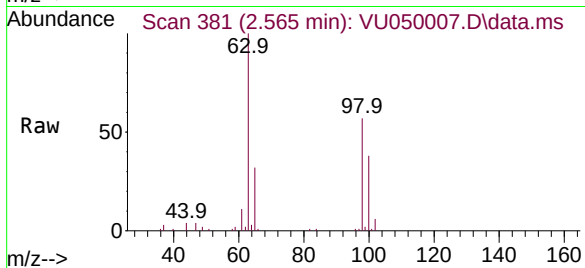
Tgt Ion:101 Resp: 287

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#



#14

Carbon disulfide

Concen: 0.217 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050007.D

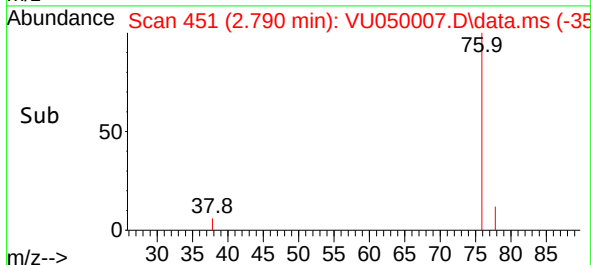
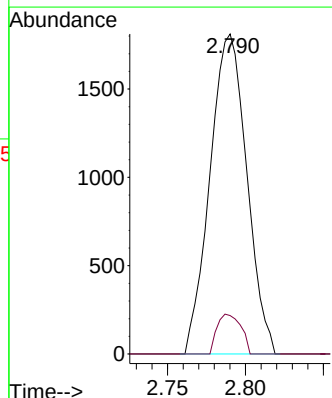
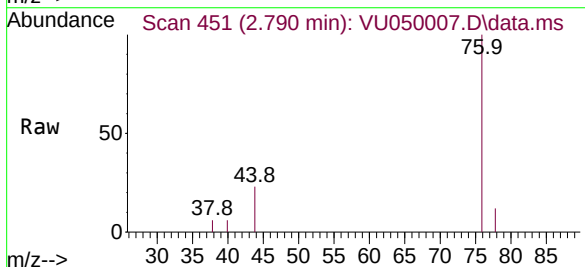
Acq: 29 Jul 2022 00:35

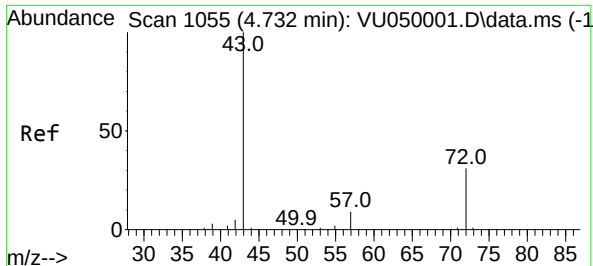
Tgt Ion: 76 Resp: 2975

Ion Ratio Lower Upper

76 100

78 12.0 7.4 11.0#





#21

2-Butanone

Concen: 2.277 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.003 min

Lab File: VU050007.D

Acq: 29 Jul 2022 00:35

Instrument :

MSVOA_U

ClientSampleId :

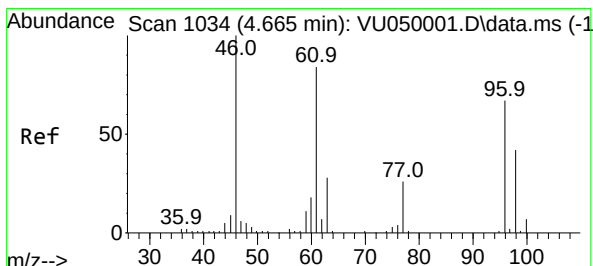
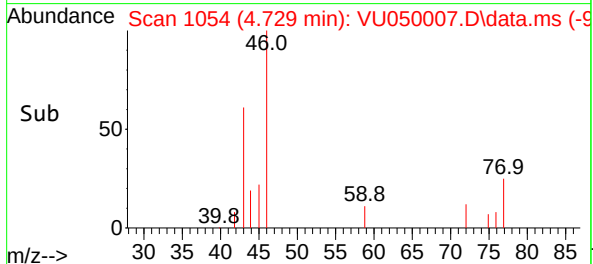
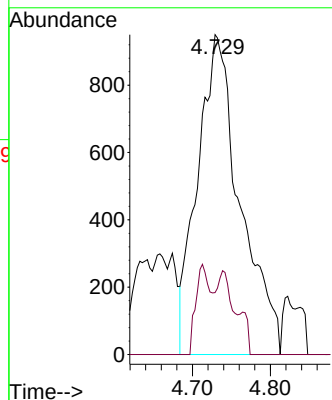
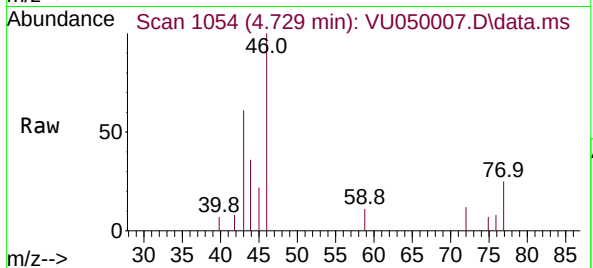
DBUJ1

Tgt Ion: 43 Resp: 3605

Ion Ratio Lower Upper

43 100

72 4.4 15.8 47.3#



#22

cis-1,2-Dichloroethene

Concen: 0.574 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050007.D

Acq: 29 Jul 2022 00:35

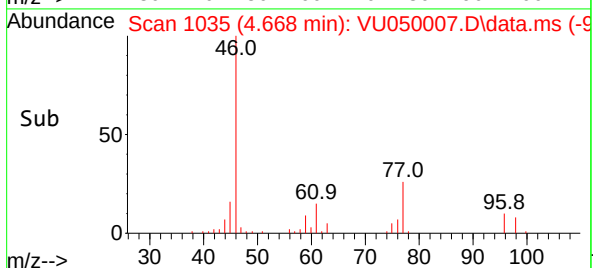
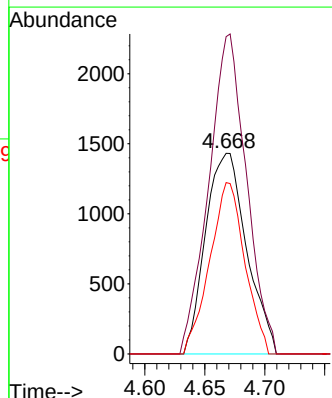
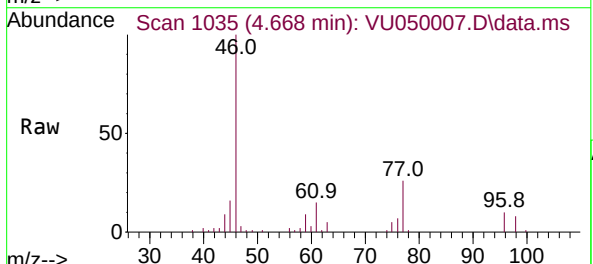
Tgt Ion: 96 Resp: 3405

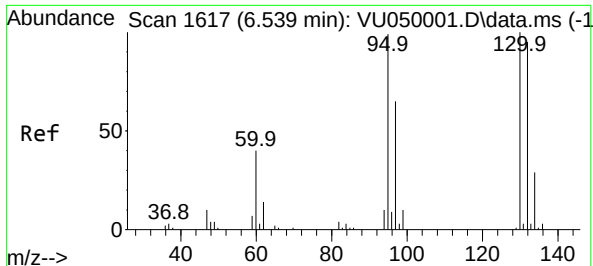
Ion Ratio Lower Upper

96 100

61 158.2 87.2 161.9

98 85.4 44.7 83.1#



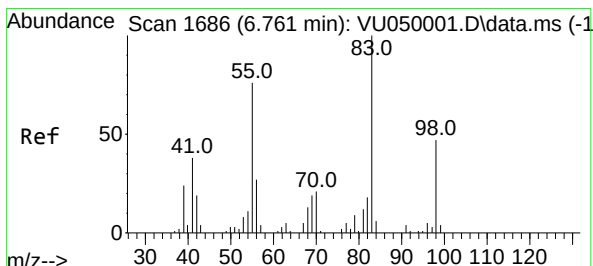
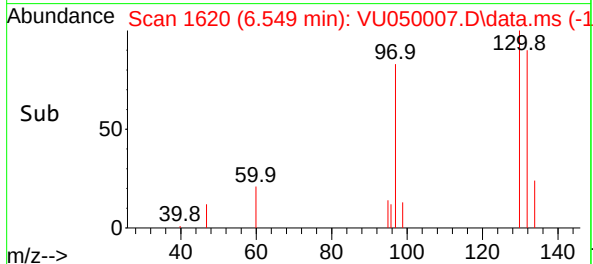
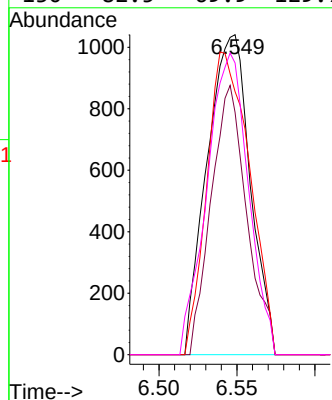
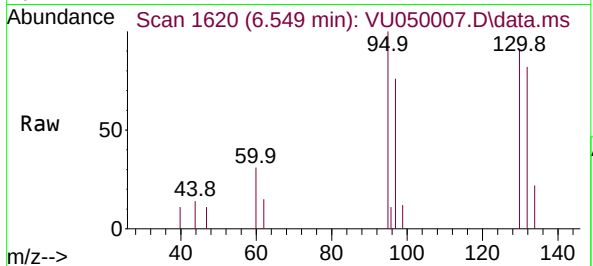


#34
Trichloroethene
Concen: 0.342 ug/L
RT: 6.549 min Scan# 1617
Delta R.T. 0.010 min
Lab File: VU050007.D
Acq: 29 Jul 2022 00:35

Instrument :
MSVOA_U
ClientSampleId :
DBUJ1

Tgt Ion: 95 Resp: 2003

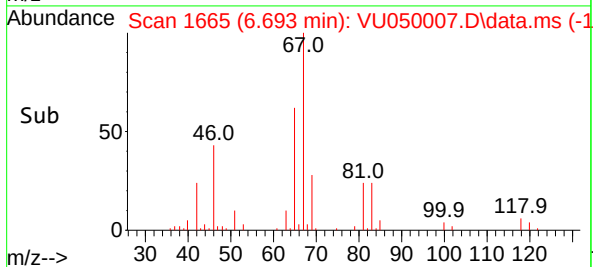
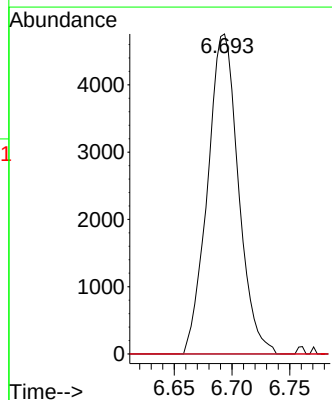
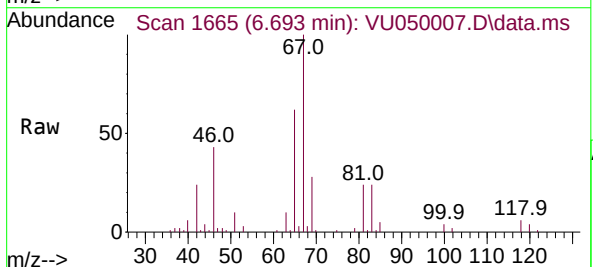
Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.6	84.8
132	74.4	66.8	124.2
130	82.5	69.9	129.7

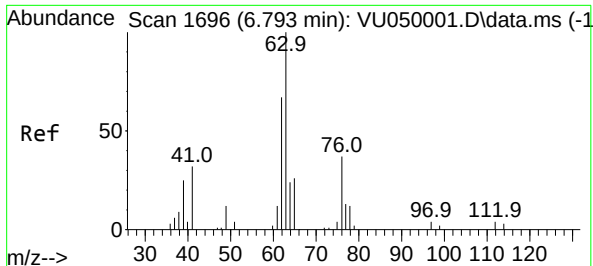


#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.067 min
Lab File: VU050007.D
Acq: 29 Jul 2022 00:35

Tgt Ion: 83 Resp: 8850

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.6	92.4#
98	1.1	34.8	52.2#





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050007.D

Acq: 29 Jul 2022 00:35

Instrument :

MSVOA_U

ClientSampleId :

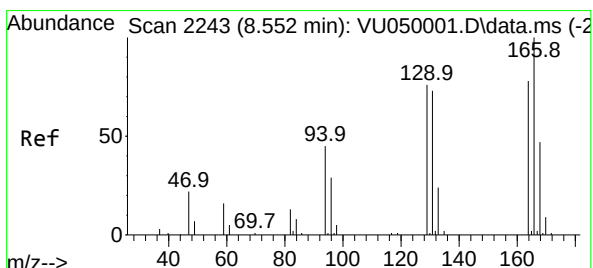
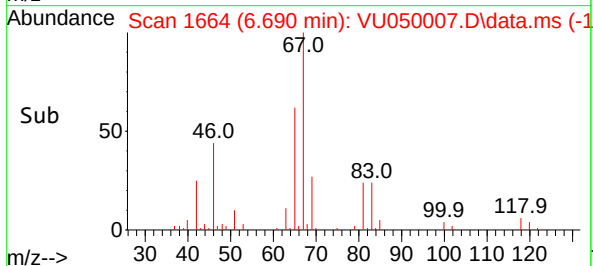
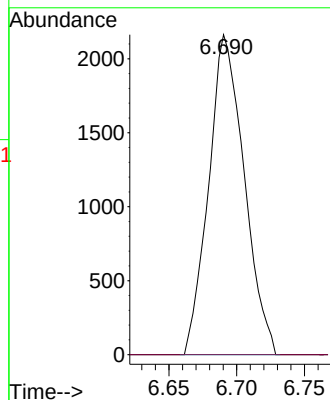
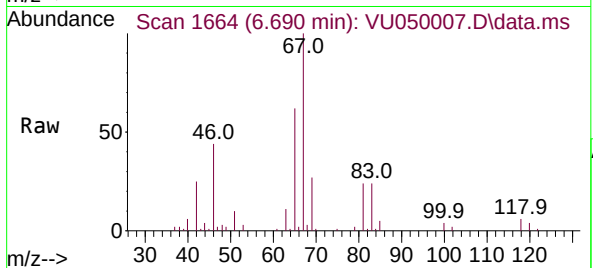
DBUJ1

Tgt Ion: 63 Resp: 3940

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 10.451 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050007.D

Acq: 29 Jul 2022 00:35

Tgt Ion: 164 Resp: 44055

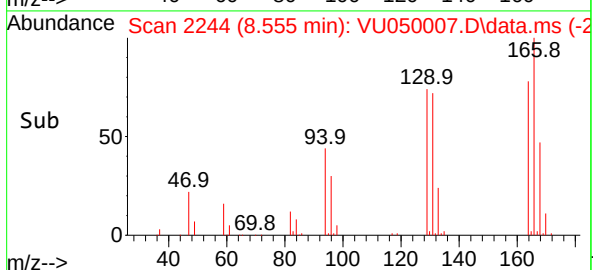
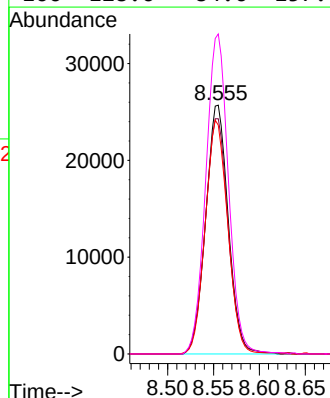
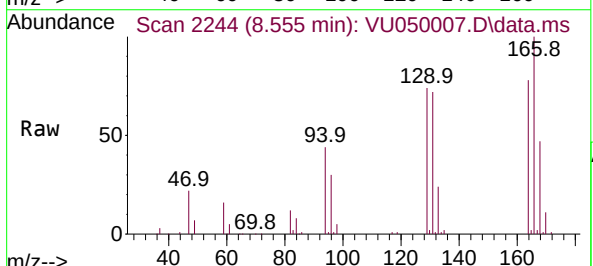
Ion Ratio Lower Upper

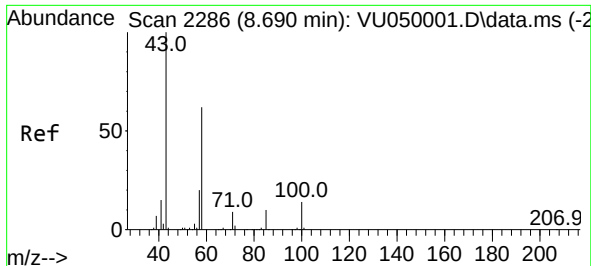
164 100

129 94.6 66.3 123.1

131 92.0 63.1 117.1

166 128.6 84.6 157.0

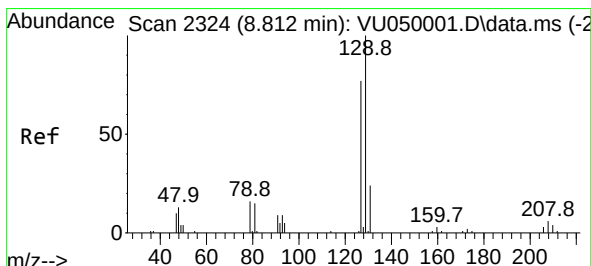
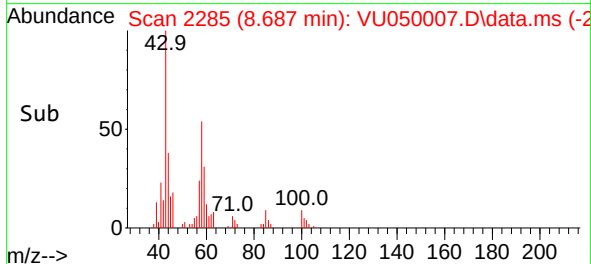
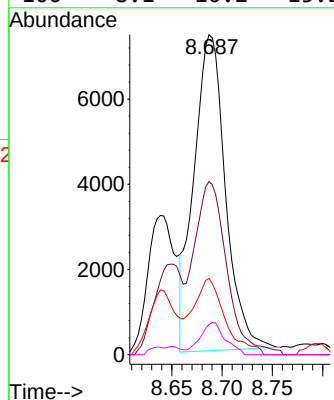
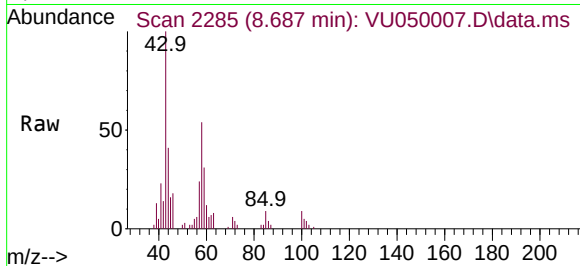




#48
2-Hexanone
Concen: 5.537 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050007.D
Acq: 29 Jul 2022 00:35

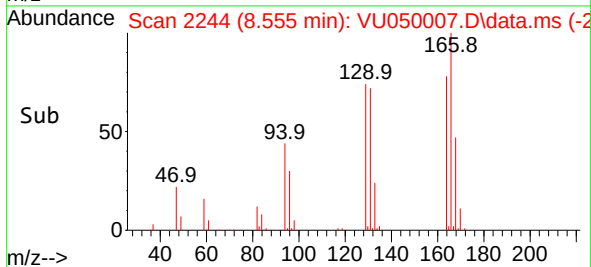
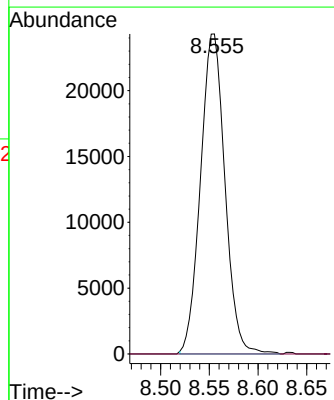
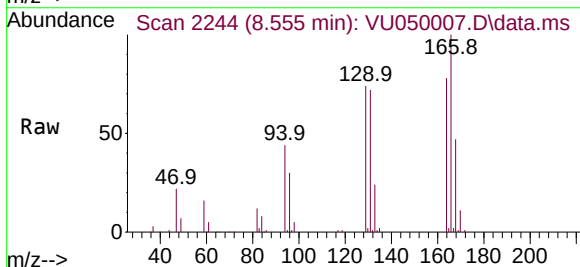
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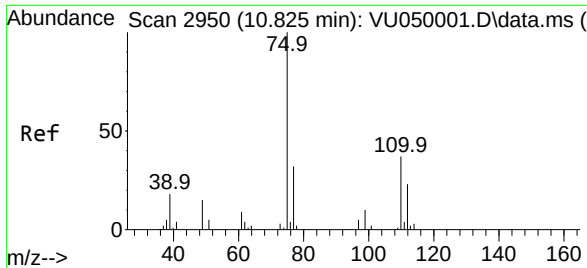
Tgt Ion: 43	Resp: 16194
Ion Ratio	Lower Upper
43 100	
58 56.9	49.4 74.0
57 24.3	17.0 25.4
100 8.1	10.2 15.2#



#49
Dibromochloromethane
Concen: 7.820 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU050007.D
Acq: 29 Jul 2022 00:35

Tgt Ion:129	Resp:	42460	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#61
1,2,3-Trichloropropane
Concen: 1.075 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU050007.D
Acq: 29 Jul 2022 00:35

Instrument :
MSVOA_U
ClientSampleId :
DBUJ1

Tgt Ion: 75 Resp: 4032
Ion Ratio Lower Upper
75 100
110 0.5 28.1 42.1#
77 29.0 24.7 37.1

