

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049877.D
 Acq On : 25 Jul 2022 19:19
 Operator : SY/MD
 Sample : N3879-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3

Quant Time: Jul 26 05:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

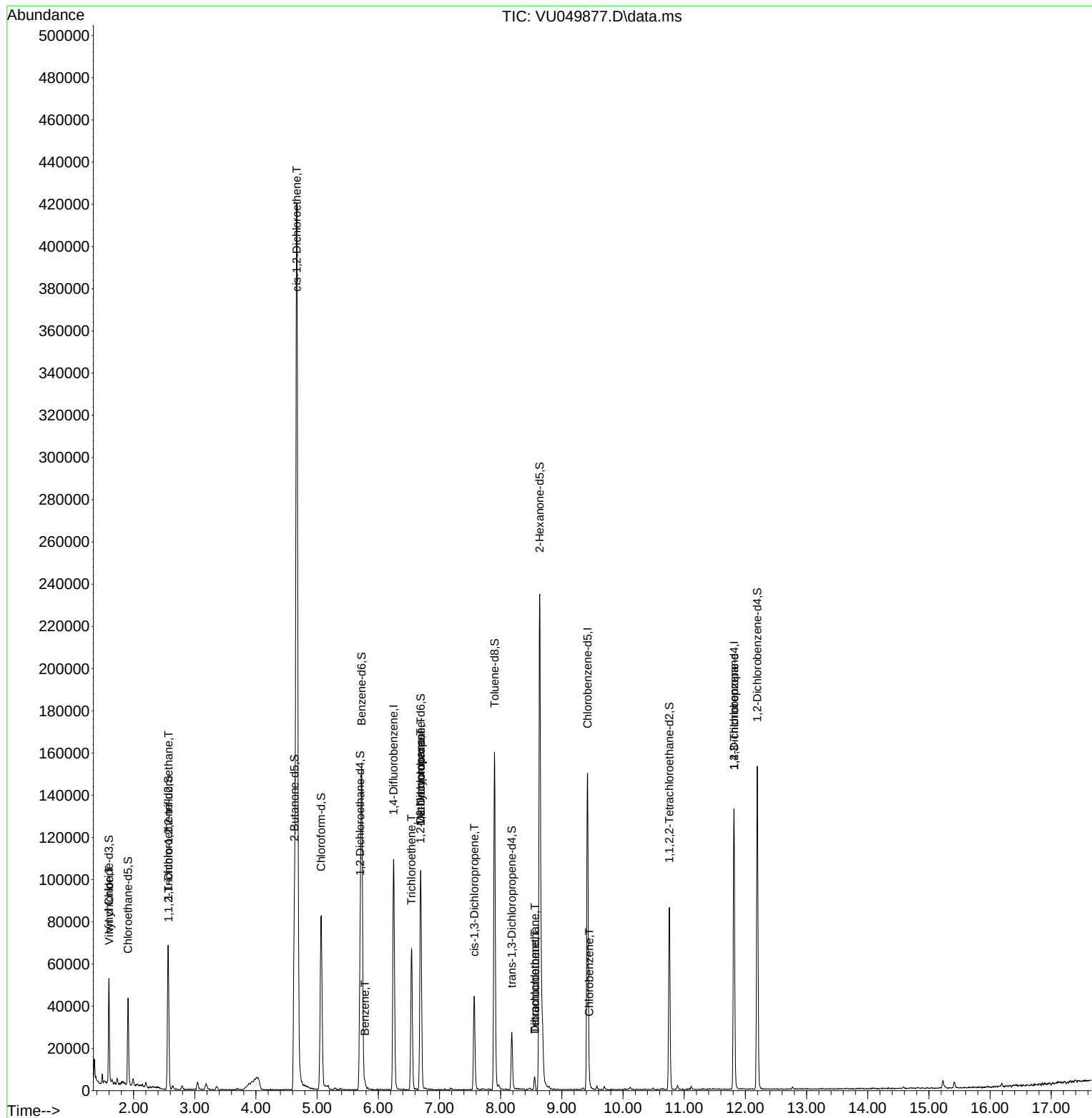
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84841	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	34154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30573	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.909	69	28134	4.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.565	65	13875	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.629	46	134048	54.240	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.480%
24) Chloroform-d	5.066	84	75636	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	44778	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.729	84	136189	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.693	67	49120	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.899	98	106383	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.182	79	15308	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.635	63	69454	50.878	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42378	5.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37237	5.282	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	1656	0.180	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	433	0.078	ug/L #	21
22) cis-1,2-Dichloroethene	4.668	96	203274	27.084	ug/L	94
33) Benzene	5.780	78	2848	0.097	ug/L	100
34) Trichloroethene	6.542	95	22453	3.166	ug/L	97
35) Methylcyclohexane	6.693	83	11630	1.330	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	5397	0.647	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	1287	0.117	ug/L #	58
47) Tetrachloroethene	8.558	164	1240	0.254	ug/L	87
49) Dibromochloromethane	8.558	129	1178	0.177	ug/L #	14
51) Chlorobenzene	9.446	112	1341	0.072	ug/L #	85
61) 1,2,3-Trichloropropane	11.815	75	4707	1.034	ug/L #	66

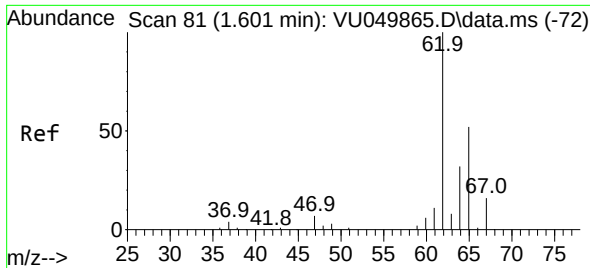
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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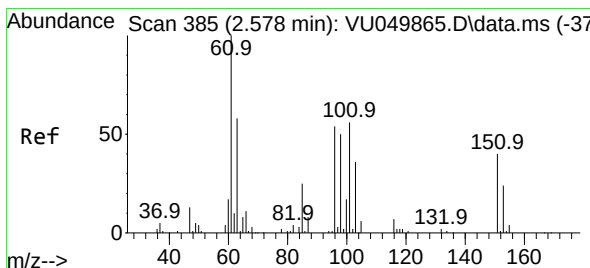
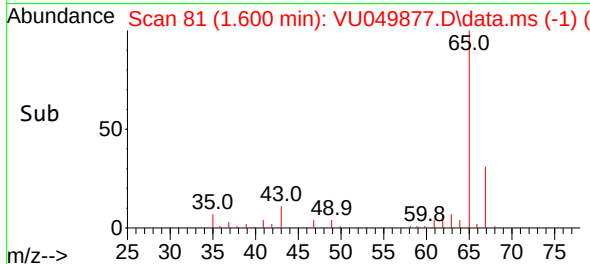
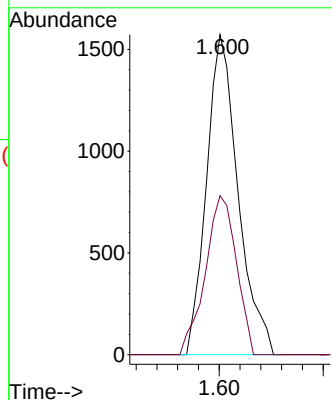
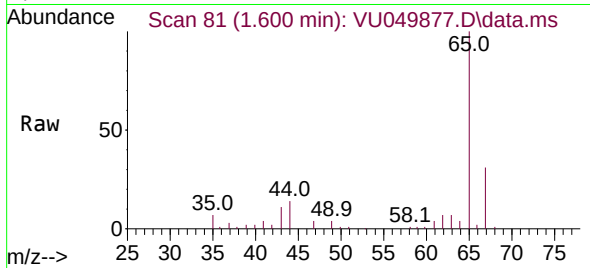




#5
 Vinyl chloride
 Concen: 0.180 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049877.D
 Acq: 25 Jul 2022 19:19

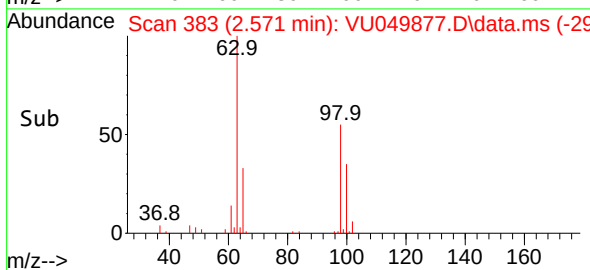
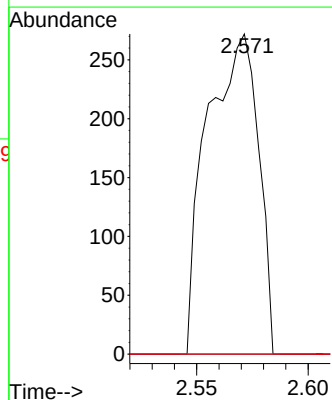
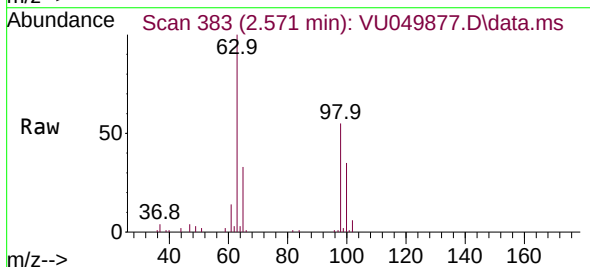
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3

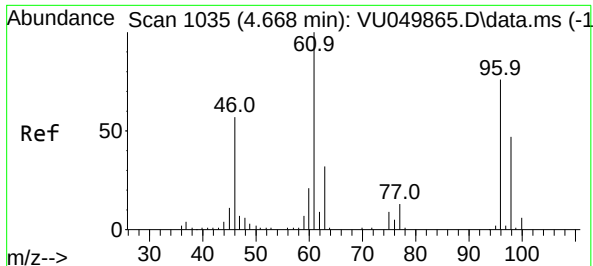
Tgt Ion: 62 Resp: 1656
 Ion Ratio Lower Upper
 62 100
 64 49.7 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.078 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU049877.D
 Acq: 25 Jul 2022 19:19

Tgt Ion: 101 Resp: 433
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.2 55.8#
 151 0.0 56.0 84.0#





#22

cis-1,2-Dichloroethene

Concen: 27.084 ug/L

RT: 4.668 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049877.D

Acq: 25 Jul 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

DBUF3

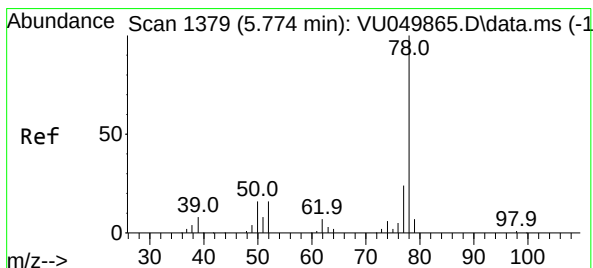
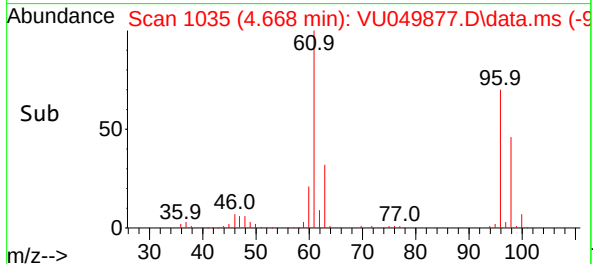
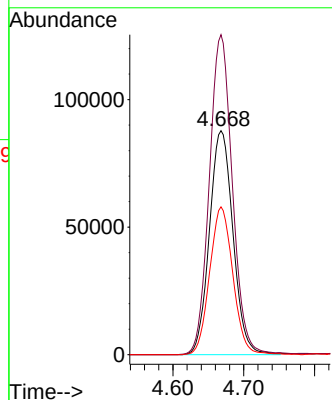
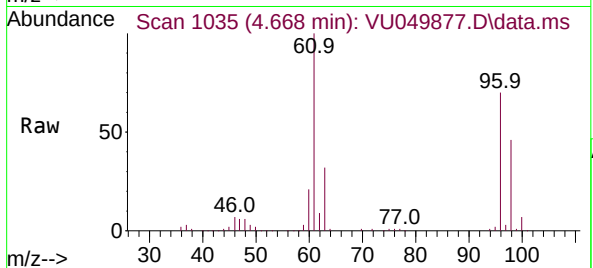
Tgt Ion: 96 Resp: 203274

Ion Ratio Lower Upper

96 100

61 142.9 93.9 174.3

98 66.0 43.9 81.5



#33

Benzene

Concen: 0.097 ug/L

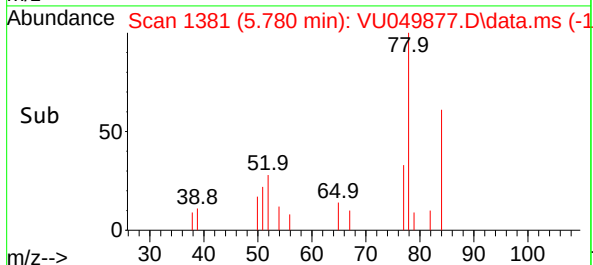
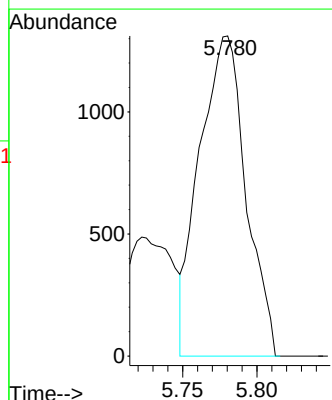
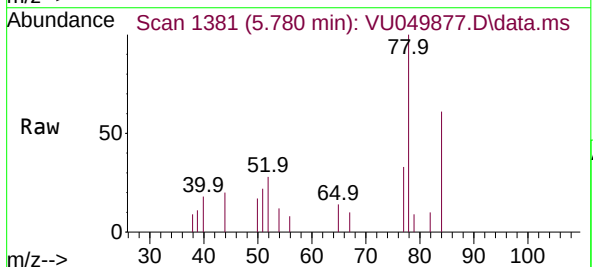
RT: 5.780 min Scan# 1381

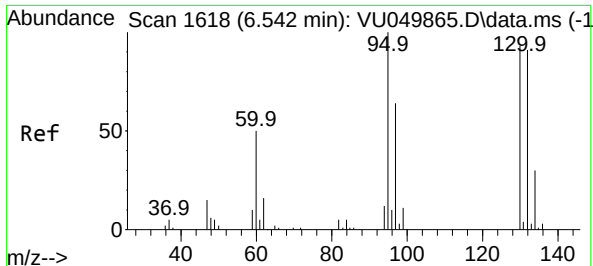
Delta R.T. 0.006 min

Lab File: VU049877.D

Acq: 25 Jul 2022 19:19

Tgt Ion: 78 Resp: 2848



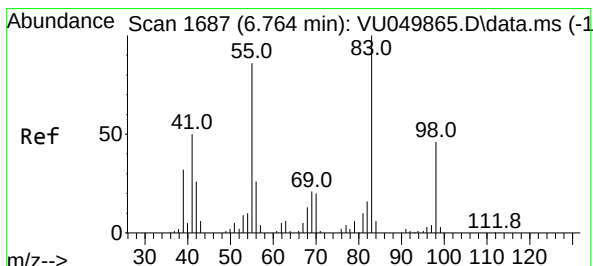
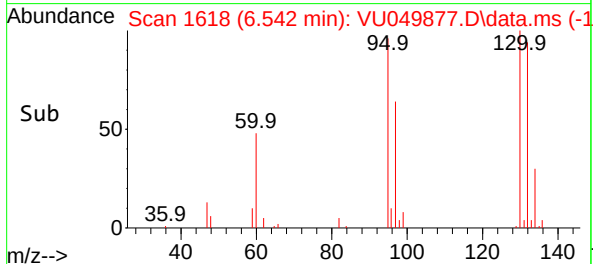
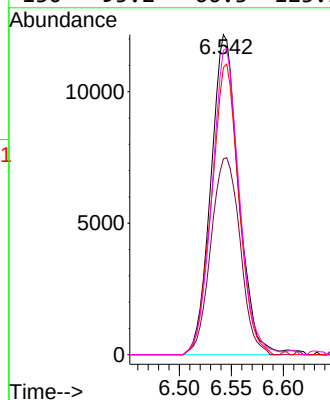
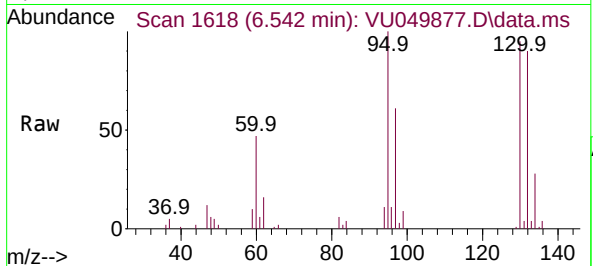


#34
Trichloroethene
Concen: 3.166 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049877.D
Acq: 25 Jul 2022 19:19

Instrument :
MSVOA_U
ClientSampleId :
DBUF3

Tgt Ion: 95 Resp: 22453

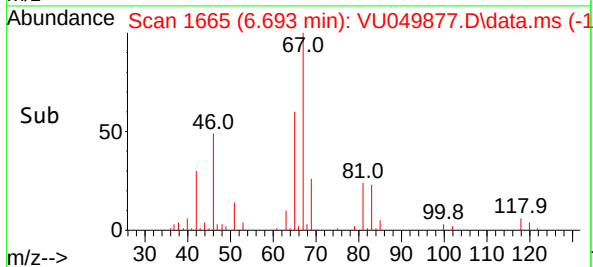
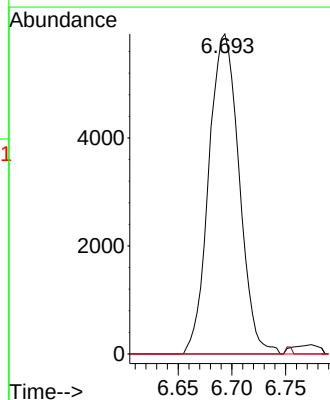
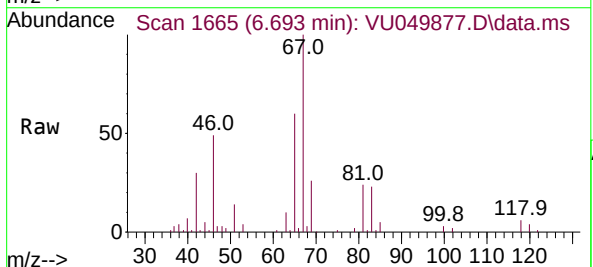
Ion	Ratio	Lower	Upper
95	100		
97	61.2	46.8	86.8
132	89.7	61.8	114.8
130	95.2	66.3	123.1

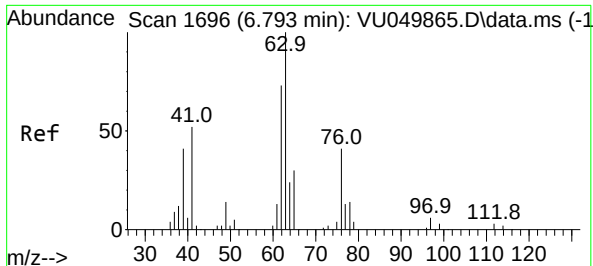


#35
Methylcyclohexane
Concen: 1.330 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049877.D
Acq: 25 Jul 2022 19:19

Tgt Ion: 83 Resp: 11630

Ion	Ratio	Lower	Upper
83	100		
55	0.4	69.0	103.4#
98	0.0	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU049877.D

Acq: 25 Jul 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

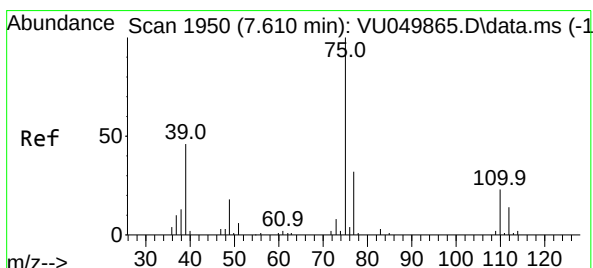
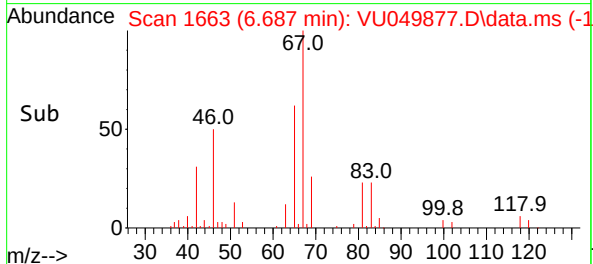
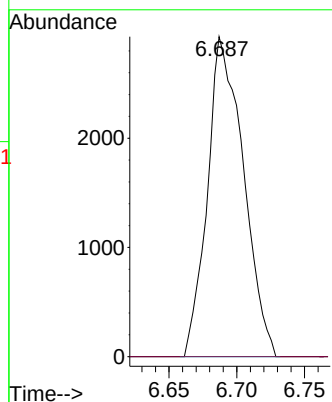
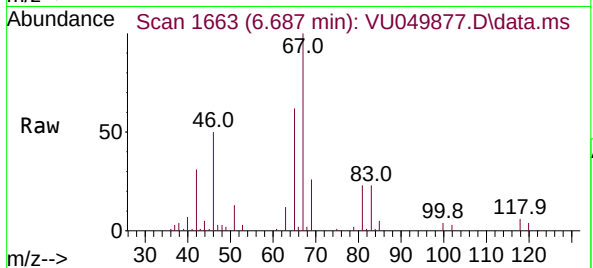
DBUF3

Tgt Ion: 63 Resp: 5397

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU049877.D

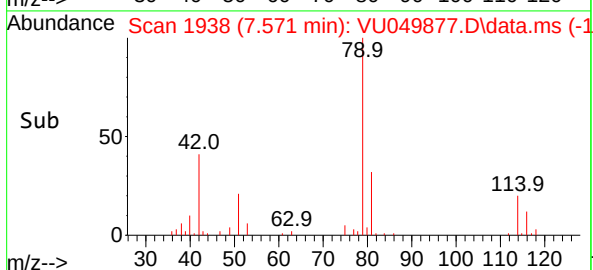
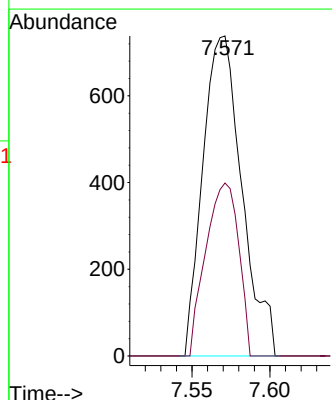
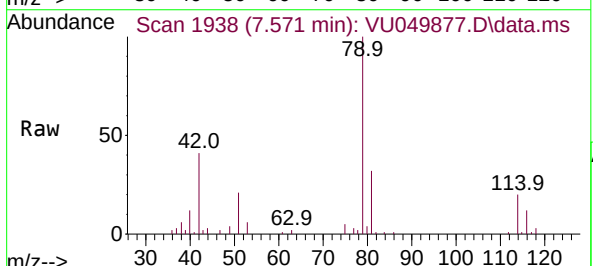
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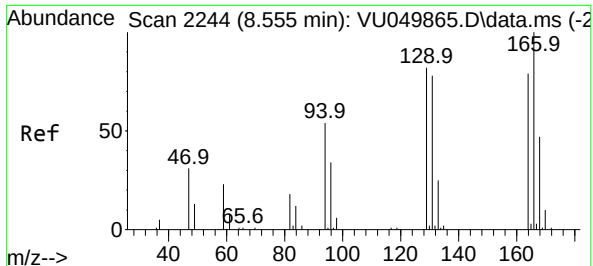
Tgt Ion: 75 Resp: 1287

Ion Ratio Lower Upper

75 100

77 54.1 21.6 40.0#





#47

Tetrachloroethene

Concen: 0.254 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU049877.D

Acq: 25 Jul 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

DBUF3

Tgt Ion:164 Resp: 1240

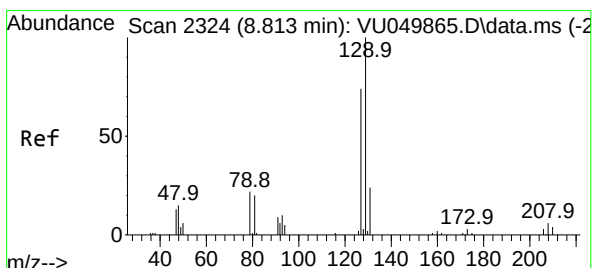
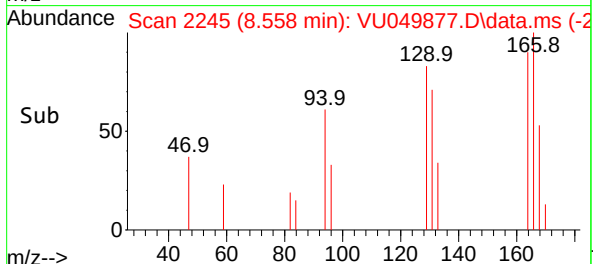
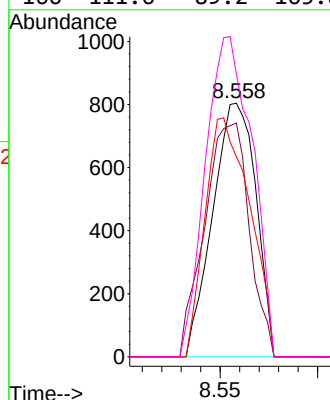
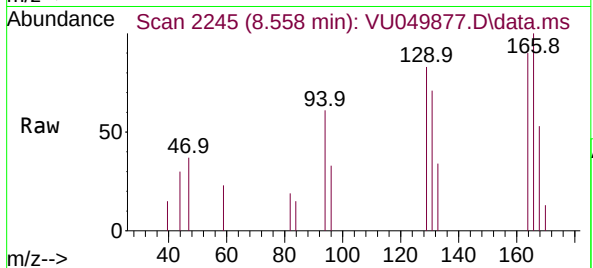
Ion Ratio Lower Upper

164 100

129 92.2 68.9 127.9

131 79.0 67.5 125.4

166 111.6 89.2 165.8



#49

Dibromochloromethane

Concen: 0.177 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU049877.D

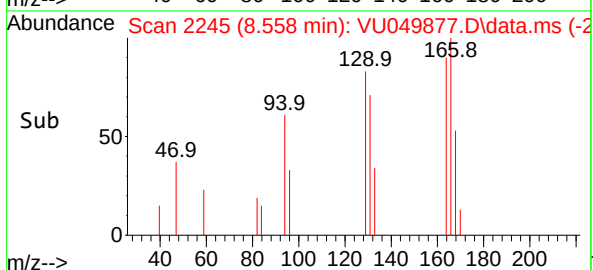
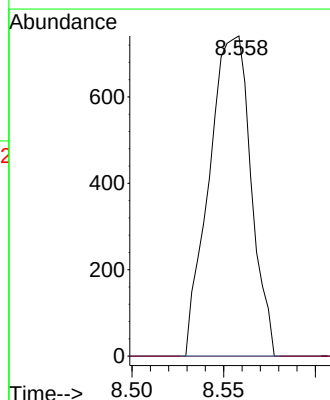
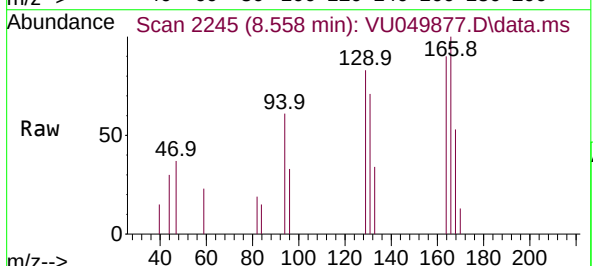
Acq: 25 Jul 2022 19:19

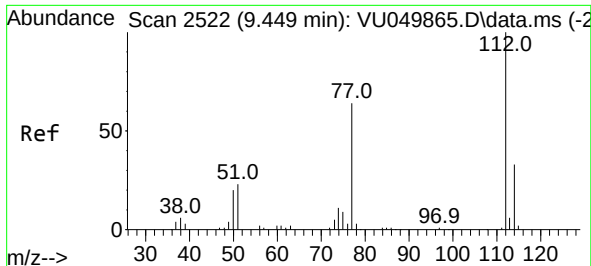
Tgt Ion:129 Resp: 1178

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#

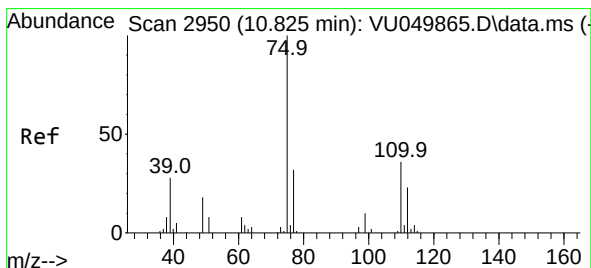
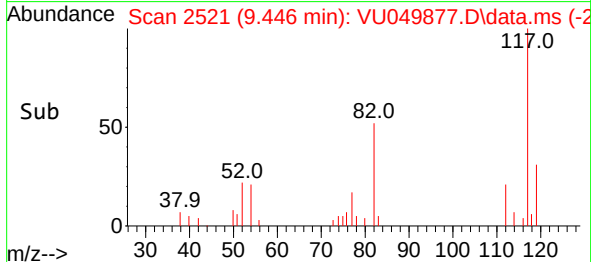
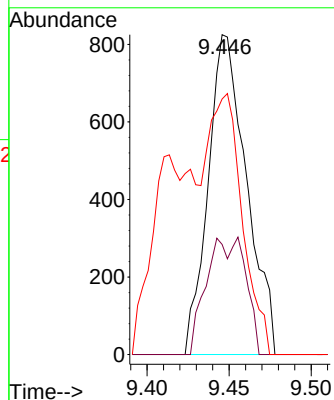
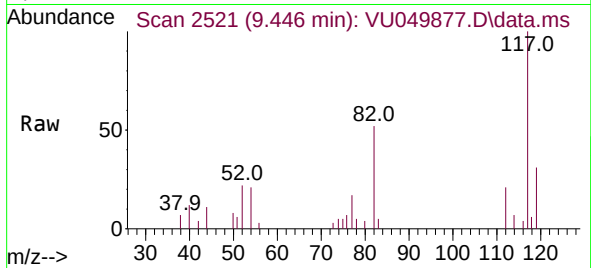




#51
Chlorobenzene
Concen: 0.072 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
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Acq: 25 Jul 2022 19:19

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Tgt Ion:	112	Resp:	1341
Ion Ratio	Lower	Upper	
112	100		
114	34.4	22.4	41.6
77	79.9	51.2	76.8#



#61
1,2,3-Trichloropropane
Concen: 1.034 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU049877.D
Acq: 25 Jul 2022 19:19

Tgt Ion:	75	Resp:	4707
Ion Ratio	Lower	Upper	
75	100		
110	1.0	28.0	42.0#
77	35.9	25.4	38.2

